REPORT No.: SZ21110467W02

TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	G61s
BRAND NAME	:	BLU
FCC ID	:	YHLBLUG61S
STANDARD(S)	:	47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart H&L&M
RECEIPT DATE	:	2021-12-03
TEST DATE	:	2021-12-10 to 2022-01-11
ISSUE DATE	:	2022-01-17

Edited by: Zeng Xiaoying (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2022-01-17	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	10814 NW 33rd St # 100 Doral, FL 33172,USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	10814 NW 33rd St # 100 Doral, FL 33172,USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	3#	
Hardware Version:	FS185-MB-V2.1	
Software Version:	BLU_G0630WW_V11.0.02.01_GENERIC_01-12-2021_1343	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz

Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-0.2dBi
	LTE Band 4	-0.4dBi
	LTE Band 5	-1.1dBi
	LTE Band 7	-0.62dBi
	LTE Band 12	-0.8dBi
	LTE Band 17	-0.8dBi
	LTE Band 66	-0.4dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C906549500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Shenzhen Aerospace Electronic Co., Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-JY-2000
	Serial No.:	N/A
	Rated Output:	5V⎓2000mA
	Rated Input:	100-240V～50/60Hz, 0.4A
	Manufacturer:	Dongguan Jieyuan Electronic Technology Co., Ltd

Note 1: 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	0.177	0.147	0.140	18M0G7D	18M1W7D	18M0W7D
15	0.169	0.138	0.137	13M5G7D	13M5W7D	13M5W7D
10	0.170	0.134	0.143	9M02G7D	8M99W7D	9M01W7D
5	0.169	0.136	0.134	4M50G7D	4M50W7D	4M50W7D
3	0.170	0.134	0.138	2M72G7D	2M72W7D	2M72W7D
1.4	0.169	0.137	0.142	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	0.163	0.131	0.127	18M0G7D	18M0W7D	18M0W7D
15	0.156	0.132	0.129	13M5G7D	13M5W7D	13M5W7D
10	0.159	0.129	0.132	9M03G7D	9M00W7D	9M02W7D
5	0.161	0.126	0.129	4M50G7D	4M50W7D	4M50W7D
3	0.162	0.131	0.130	2M72G7D	2M73W7D	2M73W7D
1.4	0.164	0.129	0.129	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	0.081	0.068	0.068	9M01G7D	8M98W7D	9M00W7D
5	0.080	0.068	0.067	4M50G7D	4M50W7D	4M50W7D
3	0.080	0.067	0.067	2M72G7D	2M72W7D	2M73W7D
1.4	0.080	0.067	0.066	1M10G7D	1M10W7D	1M10W7D
LTE Band 7	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.144	0.124	0.126	18M1G7D	18M0W7D	18M0W7D
15	0.143	0.122	0.125	13M5G7D	13M5W7D	13M5W7D
10	0.143	0.122	0.121	9M04G7D	8M98W7D	9M00W7D
5	0.144	0.124	0.123	4M50G7D	4M50W7D	4M50W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.085	0.072	0.073	9M05G7D	9M01W7D	9M02W7D
5	0.085	0.072	0.072	4M51G7D	4M51W7D	4M50W7D
3	0.085	0.071	0.074	2M72G7D	2M72W7D	2M72W7D
1.4	0.085	0.072	0.073	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	0.083	0.071	0.070	9M00G7D	8M96W7D	8M95W7D
5	0.083	0.071	0.070	4M50G7D	4M50W7D	4M50W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.160	0.130	0.128	18M0G7D	18M0W7D	18M0W7D
15	0.158	0.130	0.134	13M5G7D	13M5W7D	13M5W7D
10	0.158	0.127	0.127	9M04G7D	8M99W7D	9M01W7D
5	0.159	0.127	0.127	4M50G7D	4M50W7D	4M50W7D
3	0.159	0.129	0.127	2M72G7D	2M72W7D	2M72W7D
1.4	0.158	0.126	0.128	1M10G7D	1M10W7D	1M10W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jan 11, 2022	Chen Hao	PASS	No deviation
2.1049	Occupied Bandwidth	Dec 14, 2021	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Dec 14, 2021	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Dec 13, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Dec 14, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Dec 13, 2021	Li Huaijie	PASS	No deviation

27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Dec 09&13, 2021	Gao Jianrou	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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

2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 H&L&M Requirements

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

2.1.1. Requirement

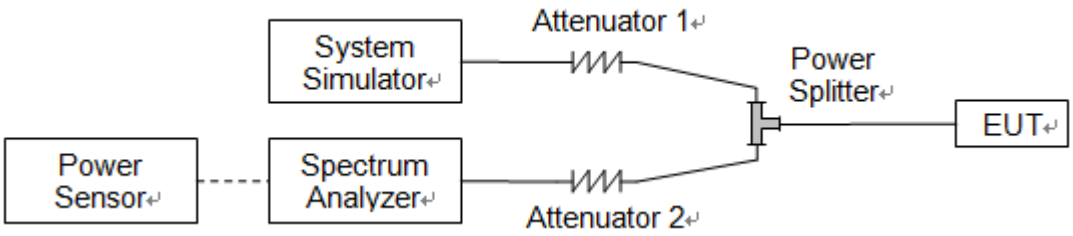
According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current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

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.
According to FCC section22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)
E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15

2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.50	22.69	22.54
20	QPSK	1	49	22.50	22.54	22.52
20	QPSK	1	99	22.32	22.63	22.37
20	QPSK	50	0	21.49	21.55	21.50
20	QPSK	50	24	21.52	21.53	21.54
20	QPSK	50	50	21.54	21.51	21.45
20	QPSK	100	0	21.51	21.46	21.64
20	16QAM	1	0	21.87	21.51	21.73
20	16QAM	1	49	21.44	21.42	21.45
20	16QAM	1	99	21.49	21.51	21.64
20	16QAM	50	0	21.22	21.18	21.22
20	16QAM	50	24	21.17	21.24	21.24
20	16QAM	50	50	21.22	21.28	21.21
20	16QAM	100	0	21.36	21.30	21.27
20	64QAM	1	0	21.52	21.38	21.54
20	64QAM	1	49	21.62	21.27	21.65
20	64QAM	1	99	21.52	21.41	21.55
20	64QAM	50	0	21.28	21.28	21.28
20	64QAM	50	24	21.29	21.22	21.34
20	64QAM	50	50	21.25	21.28	21.20
20	64QAM	100	0	21.27	21.32	21.27

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.46	22.49	22.33
15	QPSK	1	37	22.45	22.46	22.32
15	QPSK	1	74	22.40	22.47	22.34
15	QPSK	36	0	21.24	21.52	21.43
15	QPSK	36	20	21.33	21.42	21.54
15	QPSK	36	39	21.43	21.49	21.39
15	QPSK	75	0	21.24	21.48	21.54
15	16QAM	1	0	21.50	21.60	21.13
15	16QAM	1	37	21.24	21.24	21.61
15	16QAM	1	74	21.60	21.61	21.35
15	16QAM	36	0	21.20	21.31	21.27
15	16QAM	36	20	21.18	21.18	21.37
15	16QAM	36	39	21.18	21.25	21.21
15	16QAM	75	0	21.09	21.12	21.15
15	64QAM	1	0	21.50	21.49	21.31
15	64QAM	1	37	21.48	21.41	21.09
15	64QAM	1	74	21.54	21.36	21.27
15	64QAM	36	0	21.50	21.31	21.35
15	64QAM	36	20	21.43	21.33	21.26
15	64QAM	36	39	21.56	21.29	21.42
15	64QAM	75	0	21.33	21.42	21.36

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.45	22.51	22.34
10	QPSK	1	25	22.39	22.45	22.47
10	QPSK	1	49	22.42	22.40	22.50
10	QPSK	25	0	21.69	21.65	21.66
10	QPSK	25	12	21.83	21.62	21.66
10	QPSK	25	25	21.60	21.51	21.60
10	QPSK	50	0	21.69	21.46	21.54
10	16QAM	1	0	21.45	21.42	21.02
10	16QAM	1	25	21.35	21.17	21.36
10	16QAM	1	49	21.23	21.35	21.31
10	16QAM	25	0	21.10	21.22	21.37
10	16QAM	25	12	21.17	21.10	21.43
10	16QAM	25	25	21.23	21.06	21.48
10	16QAM	50	0	21.28	21.17	21.44
10	64QAM	1	0	21.25	21.17	21.50
10	64QAM	1	25	21.35	21.51	21.26
10	64QAM	1	49	21.47	21.22	21.33
10	64QAM	25	0	21.76	21.44	21.50
10	64QAM	25	12	21.49	21.41	21.32
10	64QAM	25	25	21.40	21.40	21.72
10	64QAM	50	0	21.42	21.38	21.47

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.39	22.48	22.36
5	QPSK	1	12	22.40	22.40	22.44
5	QPSK	1	24	22.48	22.44	22.42
5	QPSK	12	0	21.58	21.37	21.43
5	QPSK	12	7	21.53	21.48	21.65
5	QPSK	12	13	21.54	21.60	21.59
5	QPSK	25	0	21.57	21.59	21.51
5	16QAM	1	0	21.34	21.08	21.25
5	16QAM	1	12	21.39	21.52	21.21
5	16QAM	1	24	21.48	21.10	21.32
5	16QAM	12	0	21.17	21.15	21.28
5	16QAM	12	7	21.15	21.03	21.26
5	16QAM	12	13	21.11	21.19	21.25
5	16QAM	25	0	21.21	21.35	21.43
5	64QAM	1	0	21.36	21.34	21.25
5	64QAM	1	12	21.40	21.48	21.19
5	64QAM	1	24	21.24	21.24	21.15
5	64QAM	12	0	21.15	21.22	21.17
5	64QAM	12	7	21.22	21.30	21.33
5	64QAM	12	13	21.14	21.14	21.22
5	64QAM	25	0	21.32	21.20	21.22

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.37	22.50	22.29
3	QPSK	1	8	22.34	22.45	22.28
3	QPSK	1	14	22.41	22.39	22.22
3	QPSK	8	0	21.31	21.43	21.41
3	QPSK	8	4	21.33	21.27	21.13
3	QPSK	8	7	21.40	21.27	21.10
3	QPSK	15	0	21.27	21.46	21.26
3	16QAM	1	0	21.33	21.05	21.45
3	16QAM	1	8	21.39	21.34	21.45
3	16QAM	1	14	21.10	21.34	21.46
3	16QAM	8	0	21.07	21.17	21.30
3	16QAM	8	4	21.21	21.23	21.07
3	16QAM	8	7	21.18	21.13	21.11
3	16QAM	15	0	21.18	21.26	21.22
3	64QAM	1	0	21.60	21.27	21.48
3	64QAM	1	8	21.48	21.33	21.48
3	64QAM	1	14	21.60	21.37	21.49
3	64QAM	8	0	21.07	21.09	21.15
3	64QAM	8	4	21.12	21.02	21.05
3	64QAM	8	7	21.02	21.16	21.04
3	64QAM	15	0	21.29	21.26	21.19

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.42	22.49	22.48
1.4	QPSK	1	3	22.06	22.24	22.06
1.4	QPSK	1	5	21.99	22.12	22.04
1.4	QPSK	3	0	22.18	22.23	22.20
1.4	QPSK	3	1	22.14	22.29	22.23
1.4	QPSK	3	3	22.12	22.23	22.05
1.4	QPSK	6	0	21.55	21.63	21.53
1.4	16QAM	1	0	21.24	21.27	21.30
1.4	16QAM	1	3	21.53	21.31	21.25
1.4	16QAM	1	5	21.52	21.36	21.54
1.4	16QAM	3	0	21.57	21.35	21.47
1.4	16QAM	3	1	21.51	21.43	21.56
1.4	16QAM	3	3	21.53	21.40	21.50
1.4	16QAM	6	0	21.35	21.30	21.45
1.4	64QAM	1	0	21.38	21.47	21.41
1.4	64QAM	1	3	21.34	21.44	21.33
1.4	64QAM	1	5	21.10	21.31	21.27
1.4	64QAM	3	0	21.28	21.38	21.25
1.4	64QAM	3	1	21.38	21.40	21.45
1.4	64QAM	3	3	21.71	21.43	21.55
1.4	64QAM	6	0	21.01	21.19	21.06

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.30	22.51	22.24
20	QPSK	1	49	22.17	22.34	22.12
20	QPSK	1	99	22.06	22.40	22.13
20	QPSK	50	0	21.28	21.63	21.17
20	QPSK	50	24	21.58	21.59	21.21
20	QPSK	50	50	21.18	21.18	21.13
20	QPSK	100	0	21.24	21.17	21.24
20	16QAM	1	0	21.20	21.53	21.58
20	16QAM	1	49	21.33	21.12	21.34
20	16QAM	1	99	21.27	21.37	21.47
20	16QAM	50	0	21.13	21.17	21.11
20	16QAM	50	24	21.11	21.34	21.21
20	16QAM	50	50	21.01	21.07	21.04
20	16QAM	100	0	21.00	21.02	21.03
20	64QAM	1	0	21.17	21.34	21.42
20	64QAM	1	49	21.45	21.26	21.26
20	64QAM	1	99	21.43	21.37	21.28
20	64QAM	50	0	21.35	21.35	21.29
20	64QAM	50	24	21.32	21.31	21.19
20	64QAM	50	50	21.18	21.25	21.23
20	64QAM	100	0	21.31	21.40	21.30

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.29	22.32	22.31
15	QPSK	1	37	22.17	22.24	22.31
15	QPSK	1	74	22.16	22.17	22.26
15	QPSK	36	0	21.56	21.60	21.51
15	QPSK	36	20	21.34	21.31	21.28
15	QPSK	36	39	21.35	21.43	21.31
15	QPSK	75	0	21.26	21.42	21.31
15	16QAM	1	0	21.14	21.43	21.61
15	16QAM	1	37	21.29	21.20	21.31
15	16QAM	1	74	21.31	21.40	21.43
15	16QAM	36	0	21.31	21.33	21.23
15	16QAM	36	20	21.20	21.26	21.21
15	16QAM	36	39	21.10	21.01	21.06
15	16QAM	75	0	21.04	21.20	21.19
15	64QAM	1	0	21.45	21.13	21.31
15	64QAM	1	37	21.51	21.52	21.17
15	64QAM	1	74	21.46	21.27	21.31
15	64QAM	36	0	21.20	21.20	21.11
15	64QAM	36	20	21.25	21.21	21.23
15	64QAM	36	39	21.28	21.19	21.10
15	64QAM	75	0	21.24	21.19	21.18

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.19	22.42	22.05
10	QPSK	1	25	22.17	22.22	22.14
10	QPSK	1	49	22.17	22.17	22.14
10	QPSK	25	0	21.40	21.58	21.55
10	QPSK	25	12	21.48	21.51	21.47
10	QPSK	25	25	21.53	21.36	21.47
10	QPSK	50	0	21.32	21.03	21.02
10	16QAM	1	0	21.33	21.52	21.43
10	16QAM	1	25	21.40	21.35	21.37
10	16QAM	1	49	21.41	21.13	21.39
10	16QAM	25	0	21.24	21.37	21.12
10	16QAM	25	12	21.20	21.32	21.11
10	16QAM	25	25	21.17	21.40	21.14
10	16QAM	50	0	21.16	21.05	21.23
10	64QAM	1	0	21.40	21.61	21.39
10	64QAM	1	25	21.43	21.47	21.43
10	64QAM	1	49	21.50	21.44	21.59
10	64QAM	25	0	21.29	21.20	21.12
10	64QAM	25	12	21.27	21.23	21.03
10	64QAM	25	25	21.39	21.47	21.30
10	64QAM	50	0	21.04	21.40	21.18

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.43	22.46	22.44
5	QPSK	1	12	22.18	22.30	22.17
5	QPSK	1	24	22.24	22.30	22.17
5	QPSK	12	0	21.50	21.54	21.38
5	QPSK	12	7	21.24	21.30	21.35
5	QPSK	12	13	21.22	21.39	21.32
5	QPSK	25	0	21.41	21.34	21.37
5	16QAM	1	0	21.28	21.35	21.32
5	16QAM	1	12	21.19	21.22	21.15
5	16QAM	1	24	21.26	21.37	21.42
5	16QAM	12	0	21.26	21.15	21.24
5	16QAM	12	7	21.06	21.13	21.13
5	16QAM	12	13	21.13	21.17	21.18
5	16QAM	25	0	21.18	21.25	21.25
5	64QAM	1	0	21.30	21.48	21.29
5	64QAM	1	12	21.31	21.43	21.34
5	64QAM	1	24	21.32	21.47	21.48
5	64QAM	12	0	21.32	21.49	21.42
5	64QAM	12	7	21.26	21.51	21.41
5	64QAM	12	13	21.16	21.38	21.33
5	64QAM	25	0	21.24	21.28	21.38

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.39	22.50	22.35
3	QPSK	1	8	22.47	22.43	22.43
3	QPSK	1	14	22.42	22.46	22.39
3	QPSK	8	0	21.51	21.60	21.44
3	QPSK	8	4	21.50	21.50	21.34
3	QPSK	8	7	21.43	21.48	21.59
3	QPSK	15	0	21.43	21.42	21.41
3	16QAM	1	0	21.35	21.53	21.51
3	16QAM	1	8	21.41	21.29	21.55
3	16QAM	1	14	21.36	21.42	21.11
3	16QAM	8	0	21.50	21.51	21.55
3	16QAM	8	4	21.58	21.30	21.48
3	16QAM	8	7	21.32	21.40	21.48
3	16QAM	15	0	21.56	21.41	21.41
3	64QAM	1	0	21.35	21.25	21.40
3	64QAM	1	8	21.42	21.36	21.44
3	64QAM	1	14	21.12	21.24	21.47
3	64QAM	8	0	21.46	21.38	21.29
3	64QAM	8	4	21.49	21.50	21.54
3	64QAM	8	7	21.48	21.47	21.35
3	64QAM	15	0	21.52	21.47	21.38

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.43	22.54	22.42
1.4	QPSK	1	3	22.49	22.44	22.35
1.4	QPSK	1	5	22.43	22.53	22.44
1.4	QPSK	3	0	21.75	21.81	21.88
1.4	QPSK	3	1	21.79	21.76	21.89
1.4	QPSK	3	3	21.91	22.02	22.03
1.4	QPSK	6	0	21.35	21.41	21.34
1.4	16QAM	1	0	21.33	21.52	21.33
1.4	16QAM	1	3	21.51	21.31	21.39
1.4	16QAM	1	5	21.43	21.30	21.48
1.4	16QAM	3	0	21.45	21.44	21.40
1.4	16QAM	3	1	21.51	21.39	21.51
1.4	16QAM	3	3	21.50	21.44	21.45
1.4	16QAM	6	0	21.07	21.26	21.25
1.4	64QAM	1	0	21.38	21.19	21.37
1.4	64QAM	1	3	21.27	21.12	21.51
1.4	64QAM	1	5	21.39	21.26	21.50
1.4	64QAM	3	0	21.23	21.21	21.19
1.4	64QAM	3	1	21.33	21.26	21.24
1.4	64QAM	3	3	21.36	21.16	21.32
1.4	64QAM	6	0	21.36	21.39	21.26

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	22.29	22.33	22.30
10	QPSK	1	25	22.22	22.16	22.29
10	QPSK	1	49	22.26	22.14	22.19
10	QPSK	25	0	21.22	21.30	21.12
10	QPSK	25	12	21.26	21.10	21.06
10	QPSK	25	25	21.18	21.26	21.25
10	QPSK	50	0	21.20	21.14	21.27
10	16QAM	1	0	21.47	21.56	21.39
10	16QAM	1	25	21.16	21.30	21.33
10	16QAM	1	49	21.42	21.38	21.44
10	16QAM	25	0	21.12	21.14	21.35
10	16QAM	25	12	21.36	21.14	21.40
10	16QAM	25	25	21.28	21.13	21.14
10	16QAM	50	0	21.29	21.29	21.43
10	64QAM	1	0	21.35	21.39	21.32
10	64QAM	1	25	21.41	21.28	21.32
10	64QAM	1	49	21.22	21.43	21.36
10	64QAM	25	0	21.17	21.29	21.12
10	64QAM	25	12	21.32	21.24	21.45
10	64QAM	25	25	21.25	21.17	21.14
10	64QAM	50	0	21.07	21.29	21.38

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	22.22	22.30	22.25
5	QPSK	1	12	22.10	22.07	22.10
5	QPSK	1	24	22.15	22.22	22.20
5	QPSK	12	0	21.20	21.28	21.13
5	QPSK	12	7	21.11	21.23	21.24
5	QPSK	12	13	21.10	21.11	21.20
5	QPSK	25	0	21.16	21.02	21.13
5	16QAM	1	0	21.45	21.55	21.36
5	16QAM	1	12	21.42	21.34	21.36
5	16QAM	1	24	21.33	21.44	21.44
5	16QAM	12	0	21.23	21.33	21.29
5	16QAM	12	7	21.22	21.38	21.25
5	16QAM	12	13	21.06	21.35	21.25
5	16QAM	25	0	21.38	21.53	21.46
5	64QAM	1	0	21.10	21.51	21.48
5	64QAM	1	12	21.21	21.23	21.47
5	64QAM	1	24	21.12	21.34	21.42
5	64QAM	12	0	21.21	21.17	21.19
5	64QAM	12	7	21.22	21.26	21.27
5	64QAM	12	13	21.12	21.25	21.37
5	64QAM	25	0	21.27	21.23	21.21

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	22.26	22.28	22.11
3	QPSK	1	8	22.21	22.27	22.18
3	QPSK	1	14	22.13	22.05	22.26
3	QPSK	8	0	21.18	21.28	21.17
3	QPSK	8	4	21.24	21.12	21.22
3	QPSK	8	7	21.23	21.17	21.26
3	QPSK	15	0	21.19	21.24	21.20
3	16QAM	1	0	21.38	21.54	21.48
3	16QAM	1	8	21.45	21.20	21.27
3	16QAM	1	14	21.45	21.14	21.48
3	16QAM	8	0	21.25	21.25	21.22
3	16QAM	8	4	21.17	21.45	21.21
3	16QAM	8	7	21.21	21.37	21.38
3	16QAM	15	0	21.03	21.23	21.12
3	64QAM	1	0	21.16	21.24	21.47
3	64QAM	1	8	21.16	21.50	21.24
3	64QAM	1	14	21.36	21.39	21.18
3	64QAM	8	0	21.20	21.23	21.16
3	64QAM	8	4	21.24	21.29	21.15
3	64QAM	8	7	21.27	21.15	21.47
3	64QAM	15	0	21.32	21.27	21.31

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	22.25	22.26	22.24
1.4	QPSK	1	3	22.22	22.20	22.21
1.4	QPSK	1	5	22.07	22.05	22.21
1.4	QPSK	3	0	21.99	22.01	22.11
1.4	QPSK	3	1	22.12	22.01	22.11
1.4	QPSK	3	3	22.04	22.02	22.13
1.4	QPSK	6	0	21.21	21.06	21.18
1.4	16QAM	1	0	21.32	21.54	21.54
1.4	16QAM	1	3	21.04	21.45	21.28
1.4	16QAM	1	5	21.53	21.10	21.36
1.4	16QAM	3	0	21.41	21.27	21.15
1.4	16QAM	3	1	21.33	21.42	21.07
1.4	16QAM	3	3	21.29	21.29	21.40
1.4	16QAM	6	0	21.29	21.15	21.36
1.4	64QAM	1	0	21.18	21.39	21.15
1.4	64QAM	1	3	21.19	21.13	21.43
1.4	64QAM	1	5	21.20	21.27	21.10
1.4	64QAM	3	0	21.27	21.46	21.32
1.4	64QAM	3	1	21.42	21.37	21.46
1.4	64QAM	3	3	21.09	21.38	21.47
1.4	64QAM	6	0	21.44	21.47	21.26

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.15	22.20	22.12
20	QPSK	1	49	22.15	22.14	22.06
20	QPSK	1	99	22.12	22.18	22.10
20	QPSK	50	0	21.10	21.35	21.14
20	QPSK	50	24	21.15	21.27	21.19
20	QPSK	50	50	21.21	21.19	21.19
20	QPSK	100	0	21.05	21.19	21.08
20	16QAM	1	0	21.50	21.55	21.30
20	16QAM	1	49	21.32	21.43	21.51
20	16QAM	1	99	21.27	21.19	21.53
20	16QAM	50	0	21.18	21.17	21.22
20	16QAM	50	24	21.16	21.14	21.08
20	16QAM	50	50	21.20	21.21	21.18
20	16QAM	100	0	21.10	21.30	21.23
20	64QAM	1	0	21.44	21.61	21.13
20	64QAM	1	49	21.43	21.15	21.22
20	64QAM	1	99	21.16	21.60	21.57
20	64QAM	50	0	21.30	21.32	21.37
20	64QAM	50	24	21.29	21.30	21.41
20	64QAM	50	50	21.38	21.41	21.46
20	64QAM	100	0	21.39	21.50	21.38

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.10	22.18	22.15
15	QPSK	1	37	22.15	22.16	22.13
15	QPSK	1	74	22.10	22.17	22.10
15	QPSK	36	0	21.17	21.34	21.27
15	QPSK	36	20	21.13	21.32	21.20
15	QPSK	36	39	21.28	21.27	21.22
15	QPSK	75	0	21.33	21.22	21.29
15	16QAM	1	0	21.45	21.48	21.27
15	16QAM	1	37	21.24	21.38	21.31
15	16QAM	1	74	21.32	21.14	21.34
15	16QAM	36	0	21.36	21.29	21.42
15	16QAM	36	20	21.27	21.28	21.33
15	16QAM	36	39	21.27	21.24	21.37
15	16QAM	75	0	21.21	21.41	21.16
15	64QAM	1	0	21.56	21.60	21.58
15	64QAM	1	37	21.30	21.44	21.55
15	64QAM	1	74	21.48	21.15	21.47
15	64QAM	36	0	21.31	21.30	21.32
15	64QAM	36	20	21.43	21.21	21.41
15	64QAM	36	39	21.29	21.37	21.42
15	64QAM	75	0	21.32	21.49	21.23

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.12	22.16	22.00
10	QPSK	1	25	22.14	22.13	22.11
10	QPSK	1	49	22.13	22.15	22.10
10	QPSK	25	0	21.23	21.34	21.31
10	QPSK	25	12	21.20	21.13	21.25
10	QPSK	25	25	21.26	21.24	21.26
10	QPSK	50	0	21.20	21.33	21.21
10	16QAM	1	0	21.14	21.47	21.44
10	16QAM	1	25	21.40	21.46	21.45
10	16QAM	1	49	21.34	21.19	21.43
10	16QAM	25	0	21.37	21.17	21.08
10	16QAM	25	12	21.19	21.19	21.19
10	16QAM	25	25	21.21	21.17	21.28
10	16QAM	50	0	21.24	21.19	21.27
10	64QAM	1	0	21.25	21.35	21.17
10	64QAM	1	25	21.03	21.17	21.16
10	64QAM	1	49	21.43	21.34	21.10
10	64QAM	25	0	21.33	21.13	21.09
10	64QAM	25	12	21.15	21.24	21.29
10	64QAM	25	25	21.29	21.29	21.28
10	64QAM	50	0	21.26	21.35	21.18

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.06	22.19	22.03
5	QPSK	1	12	22.07	22.05	22.16
5	QPSK	1	24	22.10	22.09	22.07
5	QPSK	12	0	21.28	21.30	21.39
5	QPSK	12	7	21.24	21.24	21.28
5	QPSK	12	13	21.24	21.20	21.39
5	QPSK	25	0	21.32	21.25	21.19
5	16QAM	1	0	21.30	21.52	21.34
5	16QAM	1	12	21.44	21.51	21.49
5	16QAM	1	24	21.50	21.55	21.26
5	16QAM	12	0	21.15	21.28	21.29
5	16QAM	12	7	21.17	21.43	21.31
5	16QAM	12	13	21.06	21.27	21.18
5	16QAM	25	0	21.33	21.42	21.39
5	64QAM	1	0	21.42	21.53	21.49
5	64QAM	1	12	21.46	21.49	21.39
5	64QAM	1	24	21.50	21.43	21.22
5	64QAM	12	0	21.16	21.35	21.29
5	64QAM	12	7	21.18	21.38	21.27
5	64QAM	12	13	21.13	21.22	21.20
5	64QAM	25	0	21.22	21.28	21.04

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	22.09	22.26	22.05
10	QPSK	1	25	22.09	22.12	22.23
10	QPSK	1	49	22.17	22.23	22.11
10	QPSK	25	0	21.25	21.29	21.17
10	QPSK	25	12	21.12	21.09	21.22
10	QPSK	25	25	21.25	21.17	21.13
10	QPSK	50	0	21.17	21.09	21.25
10	16QAM	1	0	21.29	21.53	21.19
10	16QAM	1	25	21.40	21.32	21.27
10	16QAM	1	49	21.35	21.35	21.50
10	16QAM	25	0	21.52	21.32	21.40
10	16QAM	25	12	21.37	21.50	21.36
10	16QAM	25	25	21.46	21.44	21.38
10	16QAM	50	0	21.32	21.31	21.47
10	64QAM	1	0	21.26	21.56	21.34
10	64QAM	1	25	21.43	21.51	21.45
10	64QAM	1	49	21.26	21.33	21.49
10	64QAM	25	0	21.22	21.23	21.18
10	64QAM	25	12	21.33	21.50	21.20
10	64QAM	25	25	21.25	21.55	21.19
10	64QAM	50	0	21.23	21.31	21.09

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.12	22.25	22.20
5	QPSK	1	12	22.15	22.18	22.21
5	QPSK	1	24	22.20	22.22	22.10
5	QPSK	12	0	21.15	21.26	21.21
5	QPSK	12	7	21.22	21.20	21.19
5	QPSK	12	13	21.16	21.12	21.22
5	QPSK	25	0	21.21	21.09	21.17
5	16QAM	1	0	21.17	21.50	21.32
5	16QAM	1	12	21.13	21.35	21.33
5	16QAM	1	24	21.24	21.35	21.35
5	16QAM	12	0	21.39	21.26	21.34
5	16QAM	12	7	21.42	21.31	21.41
5	16QAM	12	13	21.40	21.10	21.19
5	16QAM	25	0	21.43	21.23	21.31
5	64QAM	1	0	21.39	21.55	21.41
5	64QAM	1	12	21.38	21.54	21.10
5	64QAM	1	24	21.36	21.50	21.46
5	64QAM	12	0	21.35	21.28	21.39
5	64QAM	12	7	21.07	21.33	21.20
5	64QAM	12	13	21.29	21.31	21.30
5	64QAM	25	0	21.34	21.26	21.22

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.22	22.24	22.10
3	QPSK	1	8	22.20	22.09	22.04
3	QPSK	1	14	22.02	22.02	22.13
3	QPSK	8	0	21.11	21.28	21.15
3	QPSK	8	4	21.20	21.16	21.07
3	QPSK	8	7	21.27	21.21	21.17
3	QPSK	15	0	21.11	21.10	21.03
3	16QAM	1	0	21.46	21.49	21.49
3	16QAM	1	8	21.40	21.45	21.33
3	16QAM	1	14	21.48	21.42	21.31
3	16QAM	8	0	21.25	21.21	21.34
3	16QAM	8	4	21.26	21.38	21.33
3	16QAM	8	7	21.35	21.25	21.27
3	16QAM	15	0	21.36	21.43	21.35
3	64QAM	1	0	21.44	21.34	21.36
3	64QAM	1	8	21.41	21.24	21.22
3	64QAM	1	14	21.63	21.46	21.44
3	64QAM	8	0	21.39	21.25	21.21
3	64QAM	8	4	21.37	21.41	21.19
3	64QAM	8	7	21.24	21.25	21.29
3	64QAM	15	0	21.36	21.28	21.30

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	22.14	22.24	22.12
1.4	QPSK	1	3	22.22	22.19	22.23
1.4	QPSK	1	5	22.17	22.08	22.16
1.4	QPSK	3	0	21.23	21.28	21.20
1.4	QPSK	3	1	21.11	21.09	21.25
1.4	QPSK	3	3	21.24	21.30	21.18
1.4	QPSK	6	0	21.08	21.04	21.52
1.4	16QAM	1	0	21.21	21.50	21.12
1.4	16QAM	1	3	21.24	21.34	21.38
1.4	16QAM	1	5	21.30	21.26	21.27
1.4	16QAM	3	0	21.35	21.32	21.31
1.4	16QAM	3	1	21.30	21.41	21.40
1.4	16QAM	3	3	21.35	21.46	21.45
1.4	16QAM	6	0	21.21	21.34	21.25
1.4	64QAM	1	0	21.15	21.53	21.40
1.4	64QAM	1	3	21.56	21.38	21.41
1.4	64QAM	1	5	21.30	21.44	21.43
1.4	64QAM	3	0	21.46	21.36	21.28
1.4	64QAM	3	1	21.47	21.26	21.37
1.4	64QAM	3	3	21.13	21.19	21.47
1.4	64QAM	6	0	21.09	21.23	21.47

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	22.15	22.16	22.12
10	QPSK	1	25	22.12	22.11	22.07
10	QPSK	1	49	22.08	22.12	22.10
10	QPSK	25	0	21.12	21.16	21.15
10	QPSK	25	12	21.11	21.15	21.14
10	QPSK	25	25	21.03	21.04	21.13
10	QPSK	50	0	21.05	21.13	21.10
10	16QAM	1	0	21.22	21.45	21.10
10	16QAM	1	25	21.39	21.01	21.00
10	16QAM	1	49	21.38	21.33	21.34
10	16QAM	25	0	21.11	21.20	21.06
10	16QAM	25	12	21.21	21.20	21.17
10	16QAM	25	25	21.17	21.18	21.30
10	16QAM	50	0	21.21	21.37	21.20
10	64QAM	1	0	21.25	21.24	21.21
10	64QAM	1	25	21.01	21.30	21.34
10	64QAM	1	49	21.00	21.30	21.39
10	64QAM	25	0	21.21	21.26	21.19
10	64QAM	25	12	21.22	21.35	21.27
10	64QAM	25	25	21.16	21.23	21.34
10	64QAM	50	0	21.31	21.35	21.30

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	22.13	22.16	22.11
5	QPSK	1	12	22.14	22.15	22.12
5	QPSK	1	24	22.02	22.02	22.01
5	QPSK	12	0	21.09	21.15	21.08
5	QPSK	12	7	21.13	21.05	21.05
5	QPSK	12	13	21.10	21.05	21.12
5	QPSK	25	0	21.25	21.57	21.15
5	16QAM	1	0	21.34	21.44	21.06
5	16QAM	1	12	21.24	21.21	21.08
5	16QAM	1	24	21.29	21.34	21.35
5	16QAM	12	0	21.17	21.26	21.21
5	16QAM	12	7	21.11	21.24	21.21
5	16QAM	12	13	21.32	21.19	21.37
5	16QAM	25	0	21.06	21.40	21.33
5	64QAM	1	0	21.03	21.34	21.23
5	64QAM	1	12	21.12	21.28	21.26
5	64QAM	1	24	21.11	21.41	21.25
5	64QAM	12	0	21.10	21.22	21.17
5	64QAM	12	7	21.12	21.25	21.28
5	64QAM	12	13	21.26	21.26	21.21
5	64QAM	25	0	21.12	21.34	21.25

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.41	22.43	22.40
20	QPSK	1	49	22.39	22.29	22.39
20	QPSK	1	99	22.40	22.30	22.28
20	QPSK	50	0	21.37	21.45	21.42
20	QPSK	50	24	21.30	21.45	21.41
20	QPSK	50	50	21.39	21.36	21.30
20	QPSK	100	0	21.30	21.38	21.44
20	16QAM	1	0	21.32	21.54	21.06
20	16QAM	1	49	21.41	21.42	21.31
20	16QAM	1	99	21.23	21.26	21.33
20	16QAM	50	0	21.25	21.22	21.43
20	16QAM	50	24	21.15	21.26	21.30
20	16QAM	50	50	21.23	21.21	21.21
20	16QAM	100	0	21.05	21.33	21.31
20	64QAM	1	0	21.23	21.46	21.27
20	64QAM	1	49	21.05	21.37	21.13
20	64QAM	1	99	21.22	21.44	21.07
20	64QAM	50	0	21.13	21.22	21.15
20	64QAM	50	24	21.27	21.24	21.29
20	64QAM	50	50	21.37	21.28	21.25
20	64QAM	100	0	21.17	21.32	21.44

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.34	22.40	22.32
15	QPSK	1	37	22.36	22.38	22.33
15	QPSK	1	74	22.34	22.31	22.25
15	QPSK	36	0	21.40	21.44	21.42
15	QPSK	36	20	21.24	21.31	21.31
15	QPSK	36	39	21.37	21.32	21.30
15	QPSK	75	0	21.33	21.35	21.29
15	16QAM	1	0	21.41	21.52	21.12
15	16QAM	1	37	21.25	21.31	21.26
15	16QAM	1	74	21.22	21.53	21.26
15	16QAM	36	0	21.17	21.19	21.34
15	16QAM	36	20	21.25	21.26	21.28
15	16QAM	36	39	21.17	21.12	21.28
15	16QAM	75	0	21.33	21.37	21.43
15	64QAM	1	0	21.24	21.41	21.66
15	64QAM	1	37	21.39	21.33	21.32
15	64QAM	1	74	21.30	21.30	21.18
15	64QAM	36	0	21.25	21.24	21.43
15	64QAM	36	20	21.20	21.22	21.31
15	64QAM	36	39	21.24	21.23	21.28
15	64QAM	75	0	21.32	21.34	21.39

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.32	22.40	22.33
10	QPSK	1	25	22.36	22.27	22.23
10	QPSK	1	49	22.28	22.28	22.30
10	QPSK	25	0	21.40	21.42	21.41
10	QPSK	25	12	21.20	21.28	21.32
10	QPSK	25	25	21.33	21.27	21.27
10	QPSK	50	0	21.27	21.25	21.31
10	16QAM	1	0	21.17	21.39	21.28
10	16QAM	1	25	21.17	21.37	21.05
10	16QAM	1	49	21.23	21.28	21.35
10	16QAM	25	0	21.45	21.11	21.27
10	16QAM	25	12	21.35	21.16	21.20
10	16QAM	25	25	21.25	21.19	21.18
10	16QAM	50	0	21.02	21.14	21.30
10	64QAM	1	0	21.34	21.44	21.10
10	64QAM	1	25	21.25	21.14	21.22
10	64QAM	1	49	21.32	21.20	21.29
10	64QAM	25	0	21.18	21.26	21.30
10	64QAM	25	12	21.08	21.40	21.31
10	64QAM	25	25	21.29	21.44	21.30
10	64QAM	50	0	21.41	21.25	21.31

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.30	22.41	22.40
5	QPSK	1	12	22.25	22.35	22.38
5	QPSK	1	24	22.31	22.39	22.37
5	QPSK	12	0	21.29	21.42	21.37
5	QPSK	12	7	21.31	21.22	21.24
5	QPSK	12	13	21.31	21.31	21.34
5	QPSK	25	0	21.19	21.29	21.36
5	16QAM	1	0	21.20	21.43	21.20
5	16QAM	1	12	21.04	21.28	21.25
5	16QAM	1	24	21.07	21.23	21.01
5	16QAM	12	0	21.22	21.05	21.13
5	16QAM	12	7	21.07	21.02	21.17
5	16QAM	12	13	21.09	21.12	21.17
5	16QAM	25	0	21.35	21.22	21.26
5	64QAM	1	0	21.40	21.44	21.42
5	64QAM	1	12	21.29	21.01	21.40
5	64QAM	1	24	21.44	21.19	21.21
5	64QAM	12	0	21.13	21.30	21.39
5	64QAM	12	7	21.28	21.28	21.22
5	64QAM	12	13	21.32	21.10	21.30
5	64QAM	25	0	21.39	21.31	21.38

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.25	22.41	22.32
3	QPSK	1	8	22.32	22.13	22.27
3	QPSK	1	14	22.23	22.30	22.40
3	QPSK	8	0	21.19	21.43	21.30
3	QPSK	8	4	21.18	21.24	21.31
3	QPSK	8	7	21.23	21.21	21.30
3	QPSK	15	0	21.30	21.21	21.32
3	16QAM	1	0	21.11	21.52	21.24
3	16QAM	1	8	21.39	21.49	21.17
3	16QAM	1	14	21.40	21.07	21.42
3	16QAM	8	0	21.39	21.37	21.48
3	16QAM	8	4	21.40	21.41	21.32
3	16QAM	8	7	21.28	21.44	21.47
3	16QAM	15	0	21.37	21.39	21.26
3	64QAM	1	0	21.12	21.43	21.25
3	64QAM	1	8	21.07	21.35	21.07
3	64QAM	1	14	21.20	21.36	21.08
3	64QAM	8	0	21.22	21.28	21.41
3	64QAM	8	4	21.23	21.27	21.27
3	64QAM	8	7	21.35	21.07	21.24
3	64QAM	15	0	21.28	21.43	21.42

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.30	22.39	22.27
1.4	QPSK	1	3	22.26	22.26	22.36
1.4	QPSK	1	5	22.29	22.27	22.31
1.4	QPSK	3	0	21.24	21.40	21.30
1.4	QPSK	3	1	21.38	21.34	21.37
1.4	QPSK	3	3	21.28	21.29	21.32
1.4	QPSK	6	0	21.42	21.33	21.39
1.4	16QAM	1	0	21.32	21.42	21.40
1.4	16QAM	1	3	21.32	21.40	21.35
1.4	16QAM	1	5	21.32	21.09	21.18
1.4	16QAM	3	0	21.35	21.19	21.19
1.4	16QAM	3	1	21.27	21.37	21.33
1.4	16QAM	3	3	21.31	21.32	21.30
1.4	16QAM	6	0	21.14	21.06	21.00
1.4	64QAM	1	0	21.14	21.46	21.29
1.4	64QAM	1	3	21.36	21.47	21.39
1.4	64QAM	1	5	21.12	21.20	21.35
1.4	64QAM	3	0	21.12	21.24	21.03
1.4	64QAM	3	1	21.42	21.29	21.40
1.4	64QAM	3	3	21.41	21.40	21.46
1.4	64QAM	6	0	21.08	21.20	21.10

Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.30	0.170	22.49	0.177	22.34	0.171
20	QPSK	1	49	22.30	0.170	22.34	0.171	22.32	0.171
20	QPSK	1	99	22.12	0.163	22.43	0.175	22.17	0.165
20	QPSK	50	0	21.29	0.135	21.35	0.136	21.30	0.135
20	QPSK	50	24	21.32	0.136	21.33	0.136	21.34	0.136
20	QPSK	50	50	21.34	0.136	21.31	0.135	21.25	0.133
20	QPSK	100	0	21.31	0.135	21.26	0.134	21.44	0.139
20	16QAM	1	0	21.67	0.147	21.31	0.135	21.53	0.142
20	16QAM	1	49	21.24	0.133	21.22	0.132	21.25	0.133
20	16QAM	1	99	21.29	0.135	21.31	0.135	21.44	0.139
20	16QAM	50	0	21.02	0.126	20.98	0.125	21.02	0.126
20	16QAM	50	24	20.97	0.125	21.04	0.127	21.04	0.127
20	16QAM	50	50	21.02	0.126	21.08	0.128	21.01	0.126
20	16QAM	100	0	21.16	0.131	21.10	0.129	21.07	0.128
20	64QAM	1	0	21.32	0.136	21.18	0.131	21.34	0.136
20	64QAM	1	49	21.42	0.139	21.07	0.128	21.45	0.140
20	64QAM	1	99	21.32	0.136	21.21	0.132	21.35	0.136
20	64QAM	50	0	21.08	0.128	21.08	0.128	21.08	0.128
20	64QAM	50	24	21.09	0.129	21.02	0.126	21.14	0.130
20	64QAM	50	50	21.05	0.127	21.08	0.128	21.00	0.126
20	64QAM	100	0	21.07	0.128	21.12	0.129	21.07	0.128

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.26	0.168	22.29	0.169	22.13	0.163
15	QPSK	1	37	22.25	0.168	22.26	0.168	22.12	0.163
15	QPSK	1	74	22.20	0.166	22.27	0.169	22.14	0.164
15	QPSK	36	0	21.04	0.127	21.32	0.136	21.23	0.133
15	QPSK	36	20	21.13	0.130	21.22	0.132	21.34	0.136
15	QPSK	36	39	21.23	0.133	21.29	0.135	21.19	0.132
15	QPSK	75	0	21.04	0.127	21.28	0.134	21.34	0.136
15	16QAM	1	0	21.30	0.135	21.40	0.138	20.93	0.124
15	16QAM	1	37	21.04	0.127	21.04	0.127	21.41	0.138
15	16QAM	1	74	21.40	0.138	21.41	0.138	21.15	0.130
15	16QAM	36	0	21.00	0.126	21.11	0.129	21.07	0.128
15	16QAM	36	20	20.98	0.125	20.98	0.125	21.17	0.131
15	16QAM	36	39	20.98	0.125	21.05	0.127	21.01	0.126
15	16QAM	75	0	20.89	0.123	20.92	0.124	20.95	0.124
15	64QAM	1	0	21.30	0.135	21.29	0.135	21.11	0.129
15	64QAM	1	37	21.28	0.134	21.21	0.132	20.89	0.123
15	64QAM	1	74	21.34	0.136	21.16	0.131	21.07	0.128
15	64QAM	36	0	21.30	0.135	21.11	0.129	21.15	0.130
15	64QAM	36	20	21.23	0.133	21.13	0.130	21.06	0.128
15	64QAM	36	39	21.36	0.137	21.09	0.129	21.22	0.132
15	64QAM	75	0	21.13	0.130	21.22	0.132	21.16	0.131

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	22.25	0.168	22.31	0.170	22.14	0.164
10	QPSK	1	25	22.19	0.166	22.25	0.168	22.27	0.169
10	QPSK	1	49	22.22	0.167	22.20	0.166	22.30	0.170
10	QPSK	25	0	21.49	0.141	21.45	0.140	21.46	0.140
10	QPSK	25	12	21.63	0.146	21.42	0.139	21.46	0.140
10	QPSK	25	25	21.40	0.138	21.31	0.135	21.40	0.138
10	QPSK	50	0	21.49	0.141	21.26	0.134	21.34	0.136
10	16QAM	1	0	21.25	0.133	21.22	0.132	20.82	0.121
10	16QAM	1	25	21.15	0.130	20.97	0.125	21.16	0.131
10	16QAM	1	49	21.03	0.127	21.15	0.130	21.11	0.129
10	16QAM	25	0	20.90	0.123	21.02	0.126	21.17	0.131
10	16QAM	25	12	20.97	0.125	20.90	0.123	21.23	0.133
10	16QAM	25	25	21.03	0.127	20.86	0.122	21.28	0.134
10	16QAM	50	0	21.08	0.128	20.97	0.125	21.24	0.133
10	64QAM	1	0	21.05	0.127	20.97	0.125	21.30	0.135
10	64QAM	1	25	21.15	0.130	21.31	0.135	21.06	0.128
10	64QAM	1	49	21.27	0.134	21.02	0.126	21.13	0.130
10	64QAM	25	0	21.56	0.143	21.24	0.133	21.30	0.135
10	64QAM	25	12	21.29	0.135	21.21	0.132	21.12	0.129
10	64QAM	25	25	21.20	0.132	21.20	0.132	21.52	0.142
10	64QAM	50	0	21.22	0.132	21.18	0.131	21.27	0.134

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	22.19	0.166	22.28	0.169	22.16	0.164
5	QPSK	1	12	22.20	0.166	22.20	0.166	22.24	0.167
5	QPSK	1	24	22.28	0.169	22.24	0.167	22.22	0.167
5	QPSK	12	0	21.38	0.137	21.17	0.131	21.23	0.133
5	QPSK	12	7	21.33	0.136	21.28	0.134	21.45	0.140
5	QPSK	12	13	21.34	0.136	21.40	0.138	21.39	0.138
5	QPSK	25	0	21.37	0.137	21.39	0.138	21.31	0.135
5	16QAM	1	0	21.14	0.130	20.88	0.122	21.05	0.127
5	16QAM	1	12	21.19	0.132	21.32	0.136	21.01	0.126
5	16QAM	1	24	21.28	0.134	20.90	0.123	21.12	0.129
5	16QAM	12	0	20.97	0.125	20.95	0.124	21.08	0.128
5	16QAM	12	7	20.95	0.124	20.83	0.121	21.06	0.128
5	16QAM	12	13	20.91	0.123	20.99	0.126	21.05	0.127
5	16QAM	25	0	21.01	0.126	21.15	0.130	21.23	0.133
5	64QAM	1	0	21.16	0.131	21.14	0.130	21.05	0.127
5	64QAM	1	12	21.20	0.132	21.28	0.134	20.99	0.126
5	64QAM	1	24	21.04	0.127	21.04	0.127	20.95	0.124
5	64QAM	12	0	20.95	0.124	21.02	0.126	20.97	0.125
5	64QAM	12	7	21.02	0.126	21.10	0.129	21.13	0.130
5	64QAM	12	13	20.94	0.124	20.94	0.124	21.02	0.126
5	64QAM	25	0	21.12	0.129	21.00	0.126	21.02	0.126

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	22.17	0.165	22.30	0.170	22.09	0.162
3	QPSK	1	8	22.14	0.164	22.25	0.168	22.08	0.161
3	QPSK	1	14	22.21	0.166	22.19	0.166	22.02	0.159
3	QPSK	8	0	21.11	0.129	21.23	0.133	21.21	0.132
3	QPSK	8	4	21.13	0.130	21.07	0.128	20.93	0.124
3	QPSK	8	7	21.20	0.132	21.07	0.128	20.90	0.123
3	QPSK	15	0	21.07	0.128	21.26	0.134	21.06	0.128
3	16QAM	1	0	21.13	0.130	20.85	0.122	21.25	0.133
3	16QAM	1	8	21.19	0.132	21.14	0.130	21.25	0.133
3	16QAM	1	14	20.90	0.123	21.14	0.130	21.26	0.134
3	16QAM	8	0	20.87	0.122	20.97	0.125	21.10	0.129
3	16QAM	8	4	21.01	0.126	21.03	0.127	20.87	0.122
3	16QAM	8	7	20.98	0.125	20.93	0.124	20.91	0.123
3	16QAM	15	0	20.98	0.125	21.06	0.128	21.02	0.126
3	64QAM	1	0	21.40	0.138	21.07	0.128	21.28	0.134
3	64QAM	1	8	21.28	0.134	21.13	0.130	21.28	0.134
3	64QAM	1	14	21.40	0.138	21.17	0.131	21.29	0.135
3	64QAM	8	0	20.87	0.122	20.89	0.123	20.95	0.124
3	64QAM	8	4	20.92	0.124	20.82	0.121	20.85	0.122
3	64QAM	8	7	20.82	0.121	20.96	0.125	20.84	0.121
3	64QAM	15	0	21.09	0.129	21.06	0.128	20.99	0.126

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	22.22	0.167	22.29	0.169	22.28	0.169
1.4	QPSK	1	3	21.86	0.153	22.04	0.160	21.86	0.153
1.4	QPSK	1	5	21.79	0.151	21.92	0.156	21.84	0.153
1.4	QPSK	3	0	21.98	0.158	22.03	0.160	22.00	0.158
1.4	QPSK	3	1	21.94	0.156	22.09	0.162	22.03	0.160
1.4	QPSK	3	3	21.92	0.156	22.03	0.160	21.85	0.153
1.4	QPSK	6	0	21.35	0.136	21.43	0.139	21.33	0.136
1.4	16QAM	1	0	21.04	0.127	21.07	0.128	21.10	0.129
1.4	16QAM	1	3	21.33	0.136	21.11	0.129	21.05	0.127
1.4	16QAM	1	5	21.32	0.136	21.16	0.131	21.34	0.136
1.4	16QAM	3	0	21.37	0.137	21.15	0.130	21.27	0.134
1.4	16QAM	3	1	21.31	0.135	21.23	0.133	21.36	0.137
1.4	16QAM	3	3	21.33	0.136	21.20	0.132	21.30	0.135
1.4	16QAM	6	0	21.15	0.130	21.10	0.129	21.25	0.133
1.4	64QAM	1	0	21.18	0.131	21.27	0.134	21.21	0.132
1.4	64QAM	1	3	21.14	0.130	21.24	0.133	21.13	0.130
1.4	64QAM	1	5	20.90	0.123	21.11	0.129	21.07	0.128
1.4	64QAM	3	0	21.08	0.128	21.18	0.131	21.05	0.127
1.4	64QAM	3	1	21.18	0.131	21.20	0.132	21.25	0.133
1.4	64QAM	3	3	21.51	0.142	21.23	0.133	21.35	0.136
1.4	64QAM	6	0	20.81	0.121	20.99	0.126	20.86	0.122

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	21.90	0.155	22.11	0.163	21.84	0.153
20	QPSK	1	49	21.77	0.150	21.94	0.156	21.72	0.149
20	QPSK	1	99	21.66	0.147	22.00	0.158	21.73	0.149
20	QPSK	50	0	20.88	0.122	21.23	0.133	20.77	0.119
20	QPSK	50	24	21.18	0.131	21.19	0.132	20.81	0.121
20	QPSK	50	50	20.78	0.120	20.78	0.120	20.73	0.118
20	QPSK	100	0	20.84	0.121	20.77	0.119	20.84	0.121
20	16QAM	1	0	20.80	0.120	21.13	0.130	21.18	0.131
20	16QAM	1	49	20.93	0.124	20.72	0.118	20.94	0.124
20	16QAM	1	99	20.87	0.122	20.97	0.125	21.07	0.128
20	16QAM	50	0	20.73	0.118	20.77	0.119	20.71	0.118
20	16QAM	50	24	20.71	0.118	20.94	0.124	20.81	0.121
20	16QAM	50	50	20.61	0.115	20.67	0.117	20.64	0.116
20	16QAM	100	0	20.60	0.115	20.62	0.115	20.63	0.116
20	64QAM	1	0	20.77	0.119	20.94	0.124	21.02	0.126
20	64QAM	1	49	21.05	0.127	20.86	0.122	20.86	0.122
20	64QAM	1	99	21.03	0.127	20.97	0.125	20.88	0.122
20	64QAM	50	0	20.95	0.124	20.95	0.124	20.89	0.123
20	64QAM	50	24	20.92	0.124	20.91	0.123	20.79	0.120
20	64QAM	50	50	20.78	0.120	20.85	0.122	20.83	0.121
20	64QAM	100	0	20.91	0.123	21.00	0.126	20.90	0.123

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	21.89	0.155	21.92	0.156	21.91	0.155
15	QPSK	1	37	21.77	0.150	21.84	0.153	21.91	0.155
15	QPSK	1	74	21.76	0.150	21.77	0.150	21.86	0.153
15	QPSK	36	0	21.16	0.131	21.20	0.132	21.11	0.129
15	QPSK	36	20	20.94	0.124	20.91	0.123	20.88	0.122
15	QPSK	36	39	20.95	0.124	21.03	0.127	20.91	0.123
15	QPSK	75	0	20.86	0.122	21.02	0.126	20.91	0.123
15	16QAM	1	0	20.74	0.119	21.03	0.127	21.21	0.132
15	16QAM	1	37	20.89	0.123	20.80	0.120	20.91	0.123
15	16QAM	1	74	20.91	0.123	21.00	0.126	21.03	0.127
15	16QAM	36	0	20.91	0.123	20.93	0.124	20.83	0.121
15	16QAM	36	20	20.80	0.120	20.86	0.122	20.81	0.121
15	16QAM	36	39	20.70	0.117	20.61	0.115	20.66	0.116
15	16QAM	75	0	20.64	0.116	20.80	0.120	20.79	0.120
15	64QAM	1	0	21.05	0.127	20.73	0.118	20.91	0.123
15	64QAM	1	37	21.11	0.129	21.12	0.129	20.77	0.119
15	64QAM	1	74	21.06	0.128	20.87	0.122	20.91	0.123
15	64QAM	36	0	20.80	0.120	20.80	0.120	20.71	0.118
15	64QAM	36	20	20.85	0.122	20.81	0.121	20.83	0.121
15	64QAM	36	39	20.88	0.122	20.79	0.120	20.70	0.117
15	64QAM	75	0	20.84	0.121	20.79	0.120	20.78	0.120

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	21.79	0.151	22.02	0.159	21.65	0.146
10	QPSK	1	25	21.77	0.150	21.82	0.152	21.74	0.149
10	QPSK	1	49	21.77	0.150	21.77	0.150	21.74	0.149
10	QPSK	25	0	21.00	0.126	21.18	0.131	21.15	0.130
10	QPSK	25	12	21.08	0.128	21.11	0.129	21.07	0.128
10	QPSK	25	25	21.13	0.130	20.96	0.125	21.07	0.128
10	QPSK	50	0	20.92	0.124	20.63	0.116	20.62	0.115
10	16QAM	1	0	20.93	0.124	21.12	0.129	21.03	0.127
10	16QAM	1	25	21.00	0.126	20.95	0.124	20.97	0.125
10	16QAM	1	49	21.01	0.126	20.73	0.118	20.99	0.126
10	16QAM	25	0	20.84	0.121	20.97	0.125	20.72	0.118
10	16QAM	25	12	20.80	0.120	20.92	0.124	20.71	0.118
10	16QAM	25	25	20.77	0.119	21.00	0.126	20.74	0.119
10	16QAM	50	0	20.76	0.119	20.65	0.116	20.83	0.121
10	64QAM	1	0	21.00	0.126	21.21	0.132	20.99	0.126
10	64QAM	1	25	21.03	0.127	21.07	0.128	21.03	0.127
10	64QAM	1	49	21.10	0.129	21.04	0.127	21.19	0.132
10	64QAM	25	0	20.89	0.123	20.80	0.120	20.72	0.118
10	64QAM	25	12	20.87	0.122	20.83	0.121	20.63	0.116
10	64QAM	25	25	20.99	0.126	21.07	0.128	20.90	0.123
10	64QAM	50	0	20.64	0.116	21.00	0.126	20.78	0.120

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	22.03	0.160	22.06	0.161	22.04	0.160
5	QPSK	1	12	21.78	0.151	21.90	0.155	21.77	0.150
5	QPSK	1	24	21.84	0.153	21.90	0.155	21.77	0.150
5	QPSK	12	0	21.10	0.129	21.14	0.130	20.98	0.125
5	QPSK	12	7	20.84	0.121	20.90	0.123	20.95	0.124
5	QPSK	12	13	20.82	0.121	20.99	0.126	20.92	0.124
5	QPSK	25	0	21.01	0.126	20.94	0.124	20.97	0.125
5	16QAM	1	0	20.88	0.122	20.95	0.124	20.92	0.124
5	16QAM	1	12	20.79	0.120	20.82	0.121	20.75	0.119
5	16QAM	1	24	20.86	0.122	20.97	0.125	21.02	0.126
5	16QAM	12	0	20.86	0.122	20.75	0.119	20.84	0.121
5	16QAM	12	7	20.66	0.116	20.73	0.118	20.73	0.118
5	16QAM	12	13	20.73	0.118	20.77	0.119	20.78	0.120
5	16QAM	25	0	20.78	0.120	20.85	0.122	20.85	0.122
5	64QAM	1	0	20.90	0.123	21.08	0.128	20.89	0.123
5	64QAM	1	12	20.91	0.123	21.03	0.127	20.94	0.124
5	64QAM	1	24	20.92	0.124	21.07	0.128	21.08	0.128
5	64QAM	12	0	20.92	0.124	21.09	0.129	21.02	0.126
5	64QAM	12	7	20.86	0.122	21.11	0.129	21.01	0.126
5	64QAM	12	13	20.76	0.119	20.98	0.125	20.93	0.124
5	64QAM	25	0	20.84	0.121	20.88	0.122	20.98	0.125

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	21.99	0.158	22.10	0.162	21.95	0.157
3	QPSK	1	8	22.07	0.161	22.03	0.160	22.03	0.160
3	QPSK	1	14	22.02	0.159	22.06	0.161	21.99	0.158
3	QPSK	8	0	21.11	0.129	21.20	0.132	21.04	0.127
3	QPSK	8	4	21.10	0.129	21.10	0.129	20.94	0.124
3	QPSK	8	7	21.03	0.127	21.08	0.128	21.19	0.132
3	QPSK	15	0	21.03	0.127	21.02	0.126	21.01	0.126
3	16QAM	1	0	20.95	0.124	21.13	0.130	21.11	0.129
3	16QAM	1	8	21.01	0.126	20.89	0.123	21.15	0.130
3	16QAM	1	14	20.96	0.125	21.02	0.126	20.71	0.118
3	16QAM	8	0	21.10	0.129	21.11	0.129	21.15	0.130
3	16QAM	8	4	21.18	0.131	20.90	0.123	21.08	0.128
3	16QAM	8	7	20.92	0.124	21.00	0.126	21.08	0.128
3	16QAM	15	0	21.16	0.131	21.01	0.126	21.01	0.126
3	64QAM	1	0	20.95	0.124	20.85	0.122	21.00	0.126
3	64QAM	1	8	21.02	0.126	20.96	0.125	21.04	0.127
3	64QAM	1	14	20.72	0.118	20.84	0.121	21.07	0.128
3	64QAM	8	0	21.06	0.128	20.98	0.125	20.89	0.123
3	64QAM	8	4	21.09	0.129	21.10	0.129	21.14	0.130
3	64QAM	8	7	21.08	0.128	21.07	0.128	20.95	0.124
3	64QAM	15	0	21.12	0.129	21.07	0.128	20.98	0.125

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.03	0.160	22.14	0.164	22.02	0.159
1.4	QPSK	1	3	22.09	0.162	22.04	0.160	21.95	0.157
1.4	QPSK	1	5	22.03	0.160	22.13	0.163	22.04	0.160
1.4	QPSK	3	0	21.35	0.136	21.41	0.138	21.48	0.141
1.4	QPSK	3	1	21.39	0.138	21.36	0.137	21.49	0.141
1.4	QPSK	3	3	21.51	0.142	21.62	0.145	21.63	0.146
1.4	QPSK	6	0	20.95	0.124	21.01	0.126	20.94	0.124
1.4	16QAM	1	0	20.93	0.124	21.12	0.129	20.93	0.124
1.4	16QAM	1	3	21.11	0.129	20.91	0.123	20.99	0.126
1.4	16QAM	1	5	21.03	0.127	20.90	0.123	21.08	0.128
1.4	16QAM	3	0	21.05	0.127	21.04	0.127	21.00	0.126
1.4	16QAM	3	1	21.11	0.129	20.99	0.126	21.11	0.129
1.4	16QAM	3	3	21.10	0.129	21.04	0.127	21.05	0.127
1.4	16QAM	6	0	20.67	0.117	20.86	0.122	20.85	0.122
1.4	64QAM	1	0	20.98	0.125	20.79	0.120	20.97	0.125
1.4	64QAM	1	3	20.87	0.122	20.72	0.118	21.11	0.129
1.4	64QAM	1	5	20.99	0.126	20.86	0.122	21.10	0.129
1.4	64QAM	3	0	20.83	0.121	20.81	0.121	20.79	0.120
1.4	64QAM	3	1	20.93	0.124	20.86	0.122	20.84	0.121
1.4	64QAM	3	3	20.96	0.125	20.76	0.119	20.92	0.124
1.4	64QAM	6	0	20.96	0.125	20.99	0.126	20.86	0.122

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	19.04	0.080	19.08	0.081	19.05	0.080
10	QPSK	1	25	18.97	0.079	18.91	0.078	19.04	0.080
10	QPSK	1	49	19.01	0.080	18.89	0.077	18.94	0.078
10	QPSK	25	0	17.97	0.063	18.05	0.064	17.87	0.061
10	QPSK	25	12	18.01	0.063	17.85	0.061	17.81	0.060
10	QPSK	25	25	17.93	0.062	18.01	0.063	18.00	0.063
10	QPSK	50	0	17.95	0.062	17.89	0.062	18.02	0.063
10	16QAM	1	0	18.22	0.066	18.31	0.068	18.14	0.065
10	16QAM	1	25	17.91	0.062	18.05	0.064	18.08	0.064
10	16QAM	1	49	18.17	0.066	18.13	0.065	18.19	0.066
10	16QAM	25	0	17.87	0.061	17.89	0.062	18.10	0.065
10	16QAM	25	12	18.11	0.065	17.89	0.062	18.15	0.065
10	16QAM	25	25	18.03	0.064	17.88	0.061	17.89	0.062
10	16QAM	50	0	18.04	0.064	18.04	0.064	18.18	0.066
10	64QAM	1	0	18.10	0.065	18.14	0.065	18.07	0.064
10	64QAM	1	25	18.16	0.065	18.03	0.064	18.07	0.064
10	64QAM	1	49	17.97	0.063	18.18	0.066	18.11	0.065
10	64QAM	25	0	17.92	0.062	18.04	0.064	17.87	0.061
10	64QAM	25	12	18.07	0.064	17.99	0.063	18.20	0.066
10	64QAM	25	25	18.00	0.063	17.92	0.062	17.89	0.062
10	64QAM	50	0	17.82	0.061	18.04	0.064	18.13	0.065

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	18.97	0.079	19.05	0.080	19.00	0.079
5	QPSK	1	12	18.85	0.077	18.82	0.076	18.85	0.077
5	QPSK	1	24	18.90	0.078	18.97	0.079	18.95	0.079
5	QPSK	12	0	17.95	0.062	18.03	0.064	17.88	0.061
5	QPSK	12	7	17.86	0.061	17.98	0.063	17.99	0.063
5	QPSK	12	13	17.85	0.061	17.86	0.061	17.95	0.062
5	QPSK	25	0	17.91	0.062	17.77	0.060	17.88	0.061
5	16QAM	1	0	18.20	0.066	18.30	0.068	18.11	0.065
5	16QAM	1	12	18.17	0.066	18.09	0.064	18.11	0.065
5	16QAM	1	24	18.08	0.064	18.19	0.066	18.19	0.066
5	16QAM	12	0	17.98	0.063	18.08	0.064	18.04	0.064
5	16QAM	12	7	17.97	0.063	18.13	0.065	18.00	0.063
5	16QAM	12	13	17.81	0.060	18.10	0.065	18.00	0.063
5	16QAM	25	0	18.13	0.065	18.28	0.067	18.21	0.066
5	64QAM	1	0	17.85	0.061	18.26	0.067	18.23	0.067
5	64QAM	1	12	17.96	0.063	17.98	0.063	18.22	0.066
5	64QAM	1	24	17.87	0.061	18.09	0.064	18.17	0.066
5	64QAM	12	0	17.96	0.063	17.92	0.062	17.94	0.062
5	64QAM	12	7	17.97	0.063	18.01	0.063	18.02	0.063
5	64QAM	12	13	17.87	0.061	18.00	0.063	18.12	0.065
5	64QAM	25	0	18.02	0.063	17.98	0.063	17.96	0.063

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	19.01	0.080	19.03	0.080	18.86	0.077
3	QPSK	1	8	18.96	0.079	19.02	0.080	18.93	0.078
3	QPSK	1	14	18.88	0.077	18.80	0.076	19.01	0.080
3	QPSK	8	0	17.93	0.062	18.03	0.064	17.92	0.062
3	QPSK	8	4	17.99	0.063	17.87	0.061	17.97	0.063
3	QPSK	8	7	17.98	0.063	17.92	0.062	18.01	0.063
3	QPSK	15	0	17.94	0.062	17.99	0.063	17.95	0.062
3	16QAM	1	0	18.13	0.065	18.29	0.067	18.23	0.067
3	16QAM	1	8	18.20	0.066	17.95	0.062	18.02	0.063
3	16QAM	1	14	18.20	0.066	17.89	0.062	18.23	0.067
3	16QAM	8	0	18.00	0.063	18.00	0.063	17.97	0.063
3	16QAM	8	4	17.92	0.062	18.20	0.066	17.96	0.063
3	16QAM	8	7	17.96	0.063	18.12	0.065	18.13	0.065
3	16QAM	15	0	17.78	0.060	17.98	0.063	17.87	0.061
3	64QAM	1	0	17.91	0.062	17.99	0.063	18.22	0.066
3	64QAM	1	8	17.91	0.062	18.25	0.067	17.99	0.063
3	64QAM	1	14	18.11	0.065	18.14	0.065	17.93	0.062
3	64QAM	8	0	17.95	0.062	17.98	0.063	17.91	0.062
3	64QAM	8	4	17.99	0.063	18.04	0.064	17.90	0.062
3	64QAM	8	7	18.02	0.063	17.90	0.062	18.22	0.066
3	64QAM	15	0	18.07	0.064	18.02	0.063	18.06	0.064

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	19.00	0.079	19.01	0.080	18.99	0.079
1.4	QPSK	1	3	18.97	0.079	18.95	0.079	18.96	0.079
1.4	QPSK	1	5	18.82	0.076	18.80	0.076	18.96	0.079
1.4	QPSK	3	0	18.74	0.075	18.76	0.075	18.86	0.077
1.4	QPSK	3	1	18.87	0.077	18.76	0.075	18.86	0.077
1.4	QPSK	3	3	18.79	0.076	18.77	0.075	18.88	0.077
1.4	QPSK	6	0	17.96	0.063	17.81	0.060	17.93	0.062
1.4	16QAM	1	0	18.07	0.064	18.29	0.067	18.29	0.067
1.4	16QAM	1	3	17.79	0.060	18.20	0.066	18.03	0.064
1.4	16QAM	1	5	18.28	0.067	17.85	0.061	18.11	0.065
1.4	16QAM	3	0	18.16	0.065	18.02	0.063	17.90	0.062
1.4	16QAM	3	1	18.08	0.064	18.17	0.066	17.82	0.061
1.4	16QAM	3	3	18.04	0.064	18.04	0.064	18.15	0.065
1.4	16QAM	6	0	18.04	0.064	17.90	0.062	18.11	0.065
1.4	64QAM	1	0	17.93	0.062	18.14	0.065	17.90	0.062
1.4	64QAM	1	3	17.94	0.062	17.88	0.061	18.18	0.066
1.4	64QAM	1	5	17.95	0.062	18.02	0.063	17.85	0.061
1.4	64QAM	3	0	18.02	0.063	18.21	0.066	18.07	0.064
1.4	64QAM	3	1	18.17	0.066	18.12	0.065	18.21	0.066
1.4	64QAM	3	3	17.84	0.061	18.13	0.065	18.22	0.066
1.4	64QAM	6	0	18.19	0.066	18.22	0.066	18.01	0.063

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.53	0.142	21.58	0.144	21.50	0.141
20	QPSK	1	49	21.53	0.142	21.52	0.142	21.44	0.139
20	QPSK	1	99	21.50	0.141	21.56	0.143	21.48	0.141
20	QPSK	50	0	20.48	0.112	20.73	0.118	20.52	0.113
20	QPSK	50	24	20.53	0.113	20.65	0.116	20.57	0.114
20	QPSK	50	50	20.59	0.115	20.57	0.114	20.57	0.114
20	QPSK	100	0	20.43	0.110	20.57	0.114	20.46	0.111
20	16QAM	1	0	20.88	0.122	20.93	0.124	20.68	0.117
20	16QAM	1	49	20.70	0.117	20.81	0.121	20.89	0.123
20	16QAM	1	99	20.65	0.116	20.57	0.114	20.91	0.123
20	16QAM	50	0	20.56	0.114	20.55	0.114	20.60	0.115
20	16QAM	50	24	20.54	0.113	20.52	0.113	20.46	0.111
20	16QAM	50	50	20.58	0.114	20.59	0.115	20.56	0.114
20	16QAM	100	0	20.48	0.112	20.68	0.117	20.61	0.115
20	64QAM	1	0	20.82	0.121	20.99	0.126	20.51	0.112
20	64QAM	1	49	20.81	0.121	20.53	0.113	20.60	0.115
20	64QAM	1	99	20.54	0.113	20.98	0.125	20.95	0.124
20	64QAM	50	0	20.68	0.117	20.70	0.117	20.75	0.119
20	64QAM	50	24	20.67	0.117	20.68	0.117	20.79	0.120
20	64QAM	50	50	20.76	0.119	20.79	0.120	20.84	0.121
20	64QAM	100	0	20.77	0.119	20.88	0.122	20.76	0.119

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.48	0.141	21.56	0.143	21.53	0.142
15	QPSK	1	37	21.53	0.142	21.54	0.143	21.51	0.142
15	QPSK	1	74	21.48	0.141	21.55	0.143	21.48	0.141
15	QPSK	36	0	20.55	0.114	20.72	0.118	20.65	0.116
15	QPSK	36	20	20.51	0.112	20.70	0.117	20.58	0.114
15	QPSK	36	39	20.66	0.116	20.65	0.116	20.60	0.115
15	QPSK	75	0	20.71	0.118	20.60	0.115	20.67	0.117
15	16QAM	1	0	20.83	0.121	20.86	0.122	20.65	0.116
15	16QAM	1	37	20.62	0.115	20.76	0.119	20.69	0.117
15	16QAM	1	74	20.70	0.117	20.52	0.113	20.72	0.118
15	16QAM	36	0	20.74	0.119	20.67	0.117	20.80	0.120
15	16QAM	36	20	20.65	0.116	20.66	0.116	20.71	0.118
15	16QAM	36	39	20.65	0.116	20.62	0.115	20.75	0.119
15	16QAM	75	0	20.59	0.115	20.79	0.120	20.54	0.113
15	64QAM	1	0	20.94	0.124	20.98	0.125	20.96	0.125
15	64QAM	1	37	20.68	0.117	20.82	0.121	20.93	0.124
15	64QAM	1	74	20.86	0.122	20.53	0.113	20.85	0.122
15	64QAM	36	0	20.69	0.117	20.68	0.117	20.70	0.117
15	64QAM	36	20	20.81	0.121	20.59	0.115	20.79	0.120
15	64QAM	36	39	20.67	0.117	20.75	0.119	20.80	0.120
15	64QAM	75	0	20.70	0.117	20.87	0.122	20.61	0.115

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.50	0.141	21.54	0.143	21.38	0.137
10	QPSK	1	25	21.52	0.142	21.51	0.142	21.49	0.141
10	QPSK	1	49	21.51	0.142	21.53	0.142	21.48	0.141
10	QPSK	25	0	20.61	0.115	20.72	0.118	20.69	0.117
10	QPSK	25	12	20.58	0.114	20.51	0.112	20.63	0.116
10	QPSK	25	25	20.64	0.116	20.62	0.115	20.64	0.116
10	QPSK	50	0	20.58	0.114	20.71	0.118	20.59	0.115
10	16QAM	1	0	20.52	0.113	20.85	0.122	20.82	0.121
10	16QAM	1	25	20.78	0.120	20.84	0.121	20.83	0.121
10	16QAM	1	49	20.72	0.118	20.57	0.114	20.81	0.121
10	16QAM	25	0	20.75	0.119	20.55	0.114	20.46	0.111
10	16QAM	25	12	20.57	0.114	20.57	0.114	20.57	0.114
10	16QAM	25	25	20.59	0.115	20.55	0.114	20.66	0.116
10	16QAM	50	0	20.62	0.115	20.57	0.114	20.65	0.116
10	64QAM	1	0	20.63	0.116	20.73	0.118	20.55	0.114
10	64QAM	1	25	20.41	0.110	20.55	0.114	20.54	0.113
10	64QAM	1	49	20.81	0.121	20.72	0.118	20.48	0.112
10	64QAM	25	0	20.71	0.118	20.51	0.112	20.47	0.111
10	64QAM	25	12	20.53	0.113	20.62	0.115	20.67	0.117
10	64QAM	25	25	20.67	0.117	20.67	0.117	20.66	0.116
10	64QAM	50	0	20.64	0.116	20.73	0.118	20.56	0.114

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.44	0.139	21.57	0.144	21.41	0.138
5	QPSK	1	12	21.45	0.140	21.43	0.139	21.54	0.143
5	QPSK	1	24	21.48	0.141	21.47	0.140	21.45	0.140
5	QPSK	12	0	20.66	0.116	20.68	0.117	20.77	0.119
5	QPSK	12	7	20.62	0.115	20.62	0.115	20.66	0.116
5	QPSK	12	13	20.62	0.115	20.58	0.114	20.77	0.119
5	QPSK	25	0	20.70	0.117	20.63	0.116	20.57	0.114
5	16QAM	1	0	20.68	0.117	20.90	0.123	20.72	0.118
5	16QAM	1	12	20.82	0.121	20.89	0.123	20.87	0.122
5	16QAM	1	24	20.88	0.122	20.93	0.124	20.64	0.116
5	16QAM	12	0	20.53	0.113	20.66	0.116	20.67	0.117
5	16QAM	12	7	20.55	0.114	20.81	0.121	20.69	0.117
5	16QAM	12	13	20.44	0.111	20.65	0.116	20.56	0.114
5	16QAM	25	0	20.71	0.118	20.80	0.120	20.77	0.119
5	64QAM	1	0	20.80	0.120	20.91	0.123	20.87	0.122
5	64QAM	1	12	20.84	0.121	20.87	0.122	20.77	0.119
5	64QAM	1	24	20.88	0.122	20.81	0.121	20.60	0.115
5	64QAM	12	0	20.54	0.113	20.73	0.118	20.67	0.117
5	64QAM	12	7	20.56	0.114	20.76	0.119	20.65	0.116
5	64QAM	12	13	20.51	0.112	20.60	0.115	20.58	0.114
5	64QAM	25	0	20.60	0.115	20.66	0.116	20.42	0.110

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	19.14	0.082	19.31	0.085	19.10	0.081
10	QPSK	1	25	19.14	0.082	19.17	0.083	19.28	0.085
10	QPSK	1	49	19.22	0.084	19.28	0.085	19.16	0.082
10	QPSK	25	0	18.30	0.068	18.34	0.068	18.22	0.066
10	QPSK	25	12	18.17	0.066	18.14	0.065	18.27	0.067
10	QPSK	25	25	18.30	0.068	18.22	0.066	18.18	0.066
10	QPSK	50	0	18.22	0.066	18.14	0.065	18.30	0.068
10	16QAM	1	0	18.34	0.068	18.58	0.072	18.24	0.067
10	16QAM	1	25	18.45	0.070	18.37	0.069	18.32	0.068
10	16QAM	1	49	18.40	0.069	18.40	0.069	18.55	0.072
10	16QAM	25	0	18.57	0.072	18.37	0.069	18.45	0.070
10	16QAM	25	12	18.42	0.070	18.55	0.072	18.41	0.069
10	16QAM	25	25	18.51	0.071	18.49	0.071	18.43	0.070
10	16QAM	50	0	18.37	0.069	18.36	0.069	18.52	0.071
10	64QAM	1	0	18.31	0.068	18.61	0.073	18.39	0.069
10	64QAM	1	25	18.48	0.070	18.56	0.072	18.50	0.071
10	64QAM	1	49	18.31	0.068	18.38	0.069	18.54	0.071
10	64QAM	25	0	18.27	0.067	18.28	0.067	18.23	0.067
10	64QAM	25	12	18.38	0.069	18.55	0.072	18.25	0.067
10	64QAM	25	25	18.30	0.068	18.60	0.072	18.24	0.067
10	64QAM	50	0	18.28	0.067	18.36	0.069	18.14	0.065

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	19.17	0.083	19.30	0.085	19.25	0.084
5	QPSK	1	12	19.20	0.083	19.23	0.084	19.26	0.084
5	QPSK	1	24	19.25	0.084	19.27	0.085	19.15	0.082
5	QPSK	12	0	18.20	0.066	18.31	0.068	18.26	0.067
5	QPSK	12	7	18.27	0.067	18.25	0.067	18.24	0.067
5	QPSK	12	13	18.21	0.066	18.17	0.066	18.27	0.067
5	QPSK	25	0	18.26	0.067	18.14	0.065	18.22	0.066
5	16QAM	1	0	18.22	0.066	18.55	0.072	18.37	0.069
5	16QAM	1	12	18.18	0.066	18.40	0.069	18.38	0.069
5	16QAM	1	24	18.29	0.067	18.40	0.069	18.40	0.069
5	16QAM	12	0	18.44	0.070	18.31	0.068	18.39	0.069
5	16QAM	12	7	18.47	0.070	18.36	0.069	18.46	0.070
5	16QAM	12	13	18.45	0.070	18.15	0.065	18.24	0.067
5	16QAM	25	0	18.48	0.070	18.28	0.067	18.36	0.069
5	64QAM	1	0	18.44	0.070	18.60	0.072	18.46	0.070
5	64QAM	1	12	18.43	0.070	18.59	0.072	18.15	0.065
5	64QAM	1	24	18.41	0.069	18.55	0.072	18.51	0.071
5	64QAM	12	0	18.40	0.069	18.33	0.068	18.44	0.070
5	64QAM	12	7	18.12	0.065	18.38	0.069	18.25	0.067
5	64QAM	12	13	18.34	0.068	18.36	0.069	18.35	0.068
5	64QAM	25	0	18.39	0.069	18.31	0.068	18.27	0.067

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	19.27	0.085	19.29	0.085	19.15	0.082
3	QPSK	1	8	19.25	0.084	19.14	0.082	19.09	0.081
3	QPSK	1	14	19.07	0.081	19.07	0.081	19.18	0.083
3	QPSK	8	0	18.16	0.065	18.33	0.068	18.20	0.066
3	QPSK	8	4	18.25	0.067	18.21	0.066	18.12	0.065
3	QPSK	8	7	18.32	0.068	18.26	0.067	18.22	0.066
3	QPSK	15	0	18.16	0.065	18.15	0.065	18.08	0.064
3	16QAM	1	0	18.51	0.071	18.54	0.071	18.54	0.071
3	16QAM	1	8	18.45	0.070	18.50	0.071	18.38	0.069
3	16QAM	1	14	18.53	0.071	18.47	0.070	18.36	0.069
3	16QAM	8	0	18.30	0.068	18.26	0.067	18.39	0.069
3	16QAM	8	4	18.31	0.068	18.43	0.070	18.38	0.069
3	16QAM	8	7	18.40	0.069	18.30	0.068	18.32	0.068
3	16QAM	15	0	18.41	0.069	18.48	0.070	18.40	0.069
3	64QAM	1	0	18.49	0.071	18.39	0.069	18.41	0.069
3	64QAM	1	8	18.46	0.070	18.29	0.067	18.27	0.067
3	64QAM	1	14	18.68	0.074	18.51	0.071	18.49	0.071
3	64QAM	8	0	18.44	0.070	18.30	0.068	18.26	0.067
3	64QAM	8	4	18.42	0.070	18.46	0.070	18.24	0.067
3	64QAM	8	7	18.29	0.067	18.30	0.068	18.34	0.068
3	64QAM	15	0	18.41	0.069	18.33	0.068	18.35	0.068

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	19.19	0.083	19.29	0.085	19.17	0.083
1.4	QPSK	1	3	19.27	0.085	19.24	0.084	19.28	0.085
1.4	QPSK	1	5	19.22	0.084	19.13	0.082	19.21	0.083
1.4	QPSK	3	0	18.28	0.067	18.33	0.068	18.25	0.067
1.4	QPSK	3	1	18.16	0.065	18.14	0.065	18.30	0.068
1.4	QPSK	3	3	18.29	0.067	18.35	0.068	18.23	0.067
1.4	QPSK	6	0	18.13	0.065	18.09	0.064	18.57	0.072
1.4	16QAM	1	0	18.26	0.067	18.55	0.072	18.17	0.066
1.4	16QAM	1	3	18.29	0.067	18.39	0.069	18.43	0.070
1.4	16QAM	1	5	18.35	0.068	18.31	0.068	18.32	0.068
1.4	16QAM	3	0	18.40	0.069	18.37	0.069	18.36	0.069
1.4	16QAM	3	1	18.35	0.068	18.46	0.070	18.45	0.070
1.4	16QAM	3	3	18.40	0.069	18.51	0.071	18.50	0.071
1.4	16QAM	6	0	18.26	0.067	18.39	0.069	18.30	0.068
1.4	64QAM	1	0	18.20	0.066	18.58	0.072	18.45	0.070
1.4	64QAM	1	3	18.61	0.073	18.43	0.070	18.46	0.070
1.4	64QAM	1	5	18.35	0.068	18.49	0.071	18.48	0.070
1.4	64QAM	3	0	18.51	0.071	18.41	0.069	18.33	0.068
1.4	64QAM	3	1	18.52	0.071	18.31	0.068	18.42	0.070
1.4	64QAM	3	3	18.18	0.066	18.24	0.067	18.52	0.071
1.4	64QAM	6	0	18.14	0.065	18.28	0.067	18.52	0.071

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	19.20	0.083	19.21	0.083	19.17	0.083
10	QPSK	1	25	19.17	0.083	19.16	0.082	19.12	0.082
10	QPSK	1	49	19.13	0.082	19.17	0.083	19.15	0.082
10	QPSK	25	0	18.17	0.066	18.21	0.066	18.20	0.066
10	QPSK	25	12	18.16	0.065	18.20	0.066	18.19	0.066
10	QPSK	25	25	18.08	0.064	18.09	0.064	18.18	0.066
10	QPSK	50	0	18.10	0.065	18.18	0.066	18.15	0.065
10	16QAM	1	0	18.27	0.067	18.50	0.071	18.15	0.065
10	16QAM	1	25	18.44	0.070	18.06	0.064	18.05	0.064
10	16QAM	1	49	18.43	0.070	18.38	0.069	18.39	0.069
10	16QAM	25	0	18.16	0.065	18.25	0.067	18.11	0.065
10	16QAM	25	12	18.26	0.067	18.25	0.067	18.22	0.066
10	16QAM	25	25	18.22	0.066	18.23	0.067	18.35	0.068
10	16QAM	50	0	18.26	0.067	18.42	0.070	18.25	0.067
10	64QAM	1	0	18.30	0.068	18.29	0.067	18.26	0.067
10	64QAM	1	25	18.06	0.064	18.35	0.068	18.39	0.069
10	64QAM	1	49	18.05	0.064	18.35	0.068	18.44	0.070
10	64QAM	25	0	18.26	0.067	18.31	0.068	18.24	0.067
10	64QAM	25	12	18.27	0.067	18.40	0.069	18.32	0.068
10	64QAM	25	25	18.21	0.066	18.28	0.067	18.39	0.069
10	64QAM	50	0	18.36	0.069	18.40	0.069	18.35	0.068

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	19.18	0.083	19.21	0.083	19.16	0.082
5	QPSK	1	12	19.19	0.083	19.20	0.083	19.17	0.083
5	QPSK	1	24	19.07	0.081	19.07	0.081	19.06	0.081
5	QPSK	12	0	18.14	0.065	18.20	0.066	18.13	0.065
5	QPSK	12	7	18.18	0.066	18.10	0.065	18.10	0.065
5	QPSK	12	13	18.15	0.065	18.10	0.065	18.17	0.066
5	QPSK	25	0	18.30	0.068	18.62	0.073	18.20	0.066
5	16QAM	1	0	18.39	0.069	18.49	0.071	18.11	0.065
5	16QAM	1	12	18.29	0.067	18.26	0.067	18.13	0.065
5	16QAM	1	24	18.34	0.068	18.39	0.069	18.40	0.069
5	16QAM	12	0	18.22	0.066	18.31	0.068	18.26	0.067
5	16QAM	12	7	18.16	0.065	18.29	0.067	18.26	0.067
5	16QAM	12	13	18.37	0.069	18.24	0.067	18.42	0.070
5	16QAM	25	0	18.11	0.065	18.45	0.070	18.38	0.069
5	64QAM	1	0	18.08	0.064	18.39	0.069	18.28	0.067
5	64QAM	1	12	18.17	0.066	18.33	0.068	18.31	0.068
5	64QAM	1	24	18.16	0.065	18.46	0.070	18.30	0.068
5	64QAM	12	0	18.15	0.065	18.27	0.067	18.22	0.066
5	64QAM	12	7	18.17	0.066	18.30	0.068	18.33	0.068
5	64QAM	12	13	18.31	0.068	18.31	0.068	18.26	0.067
5	64QAM	25	0	18.17	0.066	18.39	0.069	18.30	0.068

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	22.01	0.159	22.03	0.160	22.00	0.158
20	QPSK	1	49	21.99	0.158	21.89	0.155	21.99	0.158
20	QPSK	1	99	22.00	0.158	21.90	0.155	21.88	0.154
20	QPSK	50	0	20.97	0.125	21.05	0.127	21.02	0.126
20	QPSK	50	24	20.90	0.123	21.05	0.127	21.01	0.126
20	QPSK	50	50	20.99	0.126	20.96	0.125	20.90	0.123
20	QPSK	100	0	20.90	0.123	20.98	0.125	21.04	0.127
20	16QAM	1	0	20.92	0.124	21.14	0.130	20.66	0.116
20	16QAM	1	49	21.01	0.126	21.02	0.126	20.91	0.123
20	16QAM	1	99	20.83	0.121	20.86	0.122	20.93	0.124
20	16QAM	50	0	20.85	0.122	20.82	0.121	21.03	0.127
20	16QAM	50	24	20.75	0.119	20.86	0.122	20.90	0.123
20	16QAM	50	50	20.83	0.121	20.81	0.121	20.81	0.121
20	16QAM	100	0	20.65	0.116	20.93	0.124	20.91	0.123
20	64QAM	1	0	20.83	0.121	21.06	0.128	20.87	0.122
20	64QAM	1	49	20.65	0.116	20.97	0.125	20.73	0.118
20	64QAM	1	99	20.82	0.121	21.04	0.127	20.67	0.117
20	64QAM	50	0	20.73	0.118	20.82	0.121	20.75	0.119
20	64QAM	50	24	20.87	0.122	20.84	0.121	20.89	0.123
20	64QAM	50	50	20.97	0.125	20.88	0.122	20.85	0.122
20	64QAM	100	0	20.77	0.119	20.92	0.124	21.04	0.127

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.94	0.156	22.00	0.158	21.92	0.156
15	QPSK	1	37	21.96	0.157	21.98	0.158	21.93	0.156
15	QPSK	1	74	21.94	0.156	21.91	0.155	21.85	0.153
15	QPSK	36	0	21.00	0.126	21.04	0.127	21.02	0.126
15	QPSK	36	20	20.84	0.121	20.91	0.123	20.91	0.123
15	QPSK	36	39	20.97	0.125	20.92	0.124	20.90	0.123
15	QPSK	75	0	20.93	0.124	20.95	0.124	20.89	0.123
15	16QAM	1	0	21.01	0.126	21.12	0.129	20.72	0.118
15	16QAM	1	37	20.85	0.122	20.91	0.123	20.86	0.122
15	16QAM	1	74	20.82	0.121	21.13	0.130	20.86	0.122
15	16QAM	36	0	20.77	0.119	20.79	0.120	20.94	0.124
15	16QAM	36	20	20.85	0.122	20.86	0.122	20.88	0.122
15	16QAM	36	39	20.77	0.119	20.72	0.118	20.88	0.122
15	16QAM	75	0	20.93	0.124	20.97	0.125	21.03	0.127
15	64QAM	1	0	20.84	0.121	21.01	0.126	21.26	0.134
15	64QAM	1	37	20.99	0.126	20.93	0.124	20.92	0.124
15	64QAM	1	74	20.90	0.123	20.90	0.123	20.78	0.120
15	64QAM	36	0	20.85	0.122	20.84	0.121	21.03	0.127
15	64QAM	36	20	20.80	0.120	20.82	0.121	20.91	0.123
15	64QAM	36	39	20.84	0.121	20.83	0.121	20.88	0.122
15	64QAM	75	0	20.92	0.124	20.94	0.124	20.99	0.126

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.92	0.156	22.00	0.158	21.93	0.156
10	QPSK	1	25	21.96	0.157	21.87	0.154	21.83	0.152
10	QPSK	1	49	21.88	0.154	21.88	0.154	21.90	0.155
10	QPSK	25	0	21.00	0.126	21.02	0.126	21.01	0.126
10	QPSK	25	12	20.80	0.120	20.88	0.122	20.92	0.124
10	QPSK	25	25	20.93	0.124	20.87	0.122	20.87	0.122
10	QPSK	50	0	20.87	0.122	20.85	0.122	20.91	0.123
10	16QAM	1	0	20.77	0.119	20.99	0.126	20.88	0.122
10	16QAM	1	25	20.77	0.119	20.97	0.125	20.65	0.116
10	16QAM	1	49	20.83	0.121	20.88	0.122	20.95	0.124
10	16QAM	25	0	21.05	0.127	20.71	0.118	20.87	0.122
10	16QAM	25	12	20.95	0.124	20.76	0.119	20.80	0.120
10	16QAM	25	25	20.85	0.122	20.79	0.120	20.78	0.120
10	16QAM	50	0	20.62	0.115	20.74	0.119	20.90	0.123
10	64QAM	1	0	20.94	0.124	21.04	0.127	20.70	0.117
10	64QAM	1	25	20.85	0.122	20.74	0.119	20.82	0.121
10	64QAM	1	49	20.92	0.124	20.80	0.120	20.89	0.123
10	64QAM	25	0	20.78	0.120	20.86	0.122	20.90	0.123
10	64QAM	25	12	20.68	0.117	21.00	0.126	20.91	0.123
10	64QAM	25	25	20.89	0.123	21.04	0.127	20.90	0.123
10	64QAM	50	0	21.01	0.126	20.85	0.122	20.91	0.123

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.90	0.155	22.01	0.159	22.00	0.158
5	QPSK	1	12	21.85	0.153	21.95	0.157	21.98	0.158
5	QPSK	1	24	21.91	0.155	21.99	0.158	21.97	0.157
5	QPSK	12	0	20.89	0.123	21.02	0.126	20.97	0.125
5	QPSK	12	7	20.91	0.123	20.82	0.121	20.84	0.121
5	QPSK	12	13	20.91	0.123	20.91	0.123	20.94	0.124
5	QPSK	25	0	20.79	0.120	20.89	0.123	20.96	0.125
5	16QAM	1	0	20.80	0.120	21.03	0.127	20.80	0.120
5	16QAM	1	12	20.64	0.116	20.88	0.122	20.85	0.122
5	16QAM	1	24	20.67	0.117	20.83	0.121	20.61	0.115
5	16QAM	12	0	20.82	0.121	20.65	0.116	20.73	0.118
5	16QAM	12	7	20.67	0.117	20.62	0.115	20.77	0.119
5	16QAM	12	13	20.69	0.117	20.72	0.118	20.77	0.119
5	16QAM	25	0	20.95	0.124	20.82	0.121	20.86	0.122
5	64QAM	1	0	21.00	0.126	21.04	0.127	21.02	0.126
5	64QAM	1	12	20.89	0.123	20.61	0.115	21.00	0.126
5	64QAM	1	24	21.04	0.127	20.79	0.120	20.81	0.121
5	64QAM	12	0	20.73	0.118	20.90	0.123	20.99	0.126
5	64QAM	12	7	20.88	0.122	20.88	0.122	20.82	0.121
5	64QAM	12	13	20.92	0.124	20.70	0.117	20.90	0.123
5	64QAM	25	0	20.99	0.126	20.91	0.123	20.98	0.125

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.85	0.153	22.01	0.159	21.92	0.156
3	QPSK	1	8	21.92	0.156	21.73	0.149	21.87	0.154
3	QPSK	1	14	21.83	0.152	21.90	0.155	22.00	0.158
3	QPSK	8	0	20.79	0.120	21.03	0.127	20.90	0.123
3	QPSK	8	4	20.78	0.120	20.84	0.121	20.91	0.123
3	QPSK	8	7	20.83	0.121	20.81	0.121	20.90	0.123
3	QPSK	15	0	20.90	0.123	20.81	0.121	20.92	0.124
3	16QAM	1	0	20.71	0.118	21.12	0.129	20.84	0.121
3	16QAM	1	8	20.99	0.126	21.09	0.129	20.77	0.119
3	16QAM	1	14	21.00	0.126	20.67	0.117	21.02	0.126
3	16QAM	8	0	20.99	0.126	20.97	0.125	21.08	0.128
3	16QAM	8	4	21.00	0.126	21.01	0.126	20.92	0.124
3	16QAM	8	7	20.88	0.122	21.04	0.127	21.07	0.128
3	16QAM	15	0	20.97	0.125	20.99	0.126	20.86	0.122
3	64QAM	1	0	20.72	0.118	21.03	0.127	20.85	0.122
3	64QAM	1	8	20.67	0.117	20.95	0.124	20.67	0.117
3	64QAM	1	14	20.80	0.120	20.96	0.125	20.68	0.117
3	64QAM	8	0	20.82	0.121	20.88	0.122	21.01	0.126
3	64QAM	8	4	20.83	0.121	20.87	0.122	20.87	0.122
3	64QAM	8	7	20.95	0.124	20.67	0.117	20.84	0.121
3	64QAM	15	0	20.88	0.122	21.03	0.127	21.02	0.126

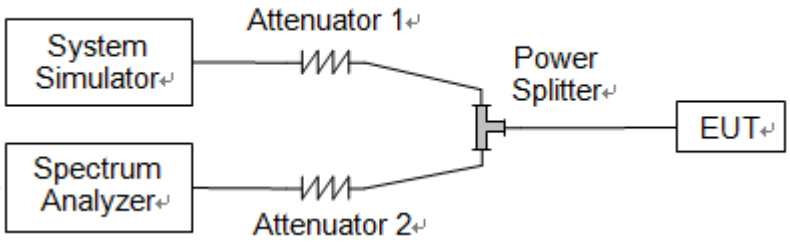
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.90	0.155	21.99	0.158	21.87	0.154
1.4	QPSK	1	3	21.86	0.153	21.86	0.153	21.96	0.157
1.4	QPSK	1	5	21.89	0.155	21.87	0.154	21.91	0.155
1.4	QPSK	3	0	20.84	0.121	21.00	0.126	20.90	0.123
1.4	QPSK	3	1	20.98	0.125	20.94	0.124	20.97	0.125
1.4	QPSK	3	3	20.88	0.122	20.89	0.123	20.92	0.124
1.4	QPSK	6	0	21.02	0.126	20.93	0.124	20.99	0.126
1.4	16QAM	1	0	20.92	0.124	21.02	0.126	21.00	0.126
1.4	16QAM	1	3	20.92	0.124	21.00	0.126	20.95	0.124
1.4	16QAM	1	5	20.92	0.124	20.69	0.117	20.78	0.120
1.4	16QAM	3	0	20.95	0.124	20.79	0.120	20.79	0.120
1.4	16QAM	3	1	20.87	0.122	20.97	0.125	20.93	0.124
1.4	16QAM	3	3	20.91	0.123	20.92	0.124	20.90	0.123
1.4	16QAM	6	0	20.74	0.119	20.66	0.116	20.60	0.115
1.4	64QAM	1	0	20.74	0.119	21.06	0.128	20.89	0.123
1.4	64QAM	1	3	20.96	0.125	21.07	0.128	20.99	0.126
1.4	64QAM	1	5	20.72	0.118	20.80	0.120	20.95	0.124
1.4	64QAM	3	0	20.72	0.118	20.84	0.121	20.63	0.116
1.4	64QAM	3	1	21.02	0.126	20.89	0.123	21.00	0.126
1.4	64QAM	3	3	21.01	0.126	21.00	0.126	21.06	0.128
1.4	64QAM	6	0	20.68	0.117	20.80	0.120	20.70	0.117

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 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.26
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.30
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.71	3.06
	Low	64QAM	2.72	3.06
	Mid	QPSK	2.71	3.05
	Mid	16QAM	2.71	3.05
	Mid	64QAM	2.72	3.05
	High	QPSK	2.72	3.05
	High	16QAM	2.71	3.06
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.99
	Low	64QAM	4.49	4.97
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.49	4.96
	Mid	64QAM	4.49	4.97
	High	QPSK	4.50	4.92
	High	16QAM	4.49	4.99
	High	64QAM	4.50	4.98
10	Low	QPSK	9.02	9.91
	Low	16QAM	8.99	9.84
	Low	64QAM	9.01	9.83
	Mid	QPSK	9.02	9.94
	Mid	16QAM	8.99	9.86
	Mid	64QAM	9.00	9.87
	High	QPSK	9.00	9.84
	High	16QAM	8.98	9.90
	High	64QAM	9.00	9.87

15	Low	QPSK	13.50	14.88
	Low	16QAM	13.50	14.88
	Low	64QAM	13.48	14.95
	Mid	QPSK	13.51	14.94
	Mid	16QAM	13.49	14.95
	Mid	64QAM	13.48	14.89
	High	QPSK	13.54	14.91
	High	16QAM	13.50	15.06
	High	64QAM	13.51	14.85
20	Low	QPSK	17.99	19.71
	Low	16QAM	18.01	19.83
	Low	64QAM	17.99	19.68
	Mid	QPSK	17.99	19.79
	Mid	16QAM	17.91	19.01
	Mid	64QAM	18.00	19.83
	High	QPSK	18.03	19.84
	High	16QAM	18.05	19.91
	High	64QAM	18.03	19.82

LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.07
	Low	16QAM	2.73	3.06
	Low	64QAM	2.72	3.05
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.73	3.05
	High	QPSK	2.71	3.04
	High	16QAM	2.72	3.05
	High	64QAM	2.73	3.07
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.98
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	5.01
	Mid	64QAM	4.49	4.95
	High	QPSK	4.50	4.99
	High	16QAM	4.50	5.00
	High	64QAM	4.50	4.97
10	Low	QPSK	9.03	9.93
	Low	16QAM	9.00	9.86
	Low	64QAM	9.02	9.83
	Mid	QPSK	9.02	9.88
	Mid	16QAM	8.98	9.80
	Mid	64QAM	8.98	9.66
	High	QPSK	9.02	9.88
	High	16QAM	8.98	9.87
	High	64QAM	8.99	9.89

15	Low	QPSK	13.49	14.87
	Low	16QAM	13.51	14.98
	Low	64QAM	13.53	14.94
	Mid	QPSK	13.49	14.84
	Mid	16QAM	13.50	14.98
	Mid	64QAM	13.52	14.89
	High	QPSK	13.48	14.93
	High	16QAM	13.49	14.95
	High	64QAM	13.49	14.93
20	Low	QPSK	18.02	19.71
	Low	16QAM	18.02	19.78
	Low	64QAM	18.02	19.83
	Mid	QPSK	17.99	19.77
	Mid	16QAM	18.03	19.82
	Mid	64QAM	18.01	19.74
	High	QPSK	17.91	19.05
	High	16QAM	17.99	19.69
	High	64QAM	18.00	19.80

LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.24
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.72	3.06
	Low	64QAM	2.72	3.07
	Mid	QPSK	2.72	3.06
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.73	3.07
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.05
	High	64QAM	2.71	2.94
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.92
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.49	4.95
	High	QPSK	4.49	4.97
	High	16QAM	4.50	4.95
	High	64QAM	4.48	4.81
10	Low	QPSK	8.99	9.86
	Low	16QAM	8.92	9.48
	Low	64QAM	8.99	9.84
	Mid	QPSK	9.01	9.96
	Mid	16QAM	8.98	9.85
	Mid	64QAM	9.00	9.89
	High	QPSK	8.99	9.95
	High	16QAM	8.97	9.85
	High	64QAM	8.98	9.86

LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.96
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.49	4.97
	High	QPSK	4.50	4.99
	High	16QAM	4.50	4.96
	High	64QAM	4.49	4.97
10	Low	QPSK	9.04	9.93
	Low	16QAM	8.98	9.84
	Low	64QAM	8.99	9.87
	Mid	QPSK	9.02	9.96
	Mid	16QAM	8.97	9.86
	Mid	64QAM	8.96	9.57
	High	QPSK	9.01	9.87
	High	16QAM	8.97	9.84
	High	64QAM	9.00	9.88
15	Low	QPSK	13.51	14.89
	Low	16QAM	13.51	14.99
	Low	64QAM	13.51	14.91
	Mid	QPSK	13.52	14.82
	Mid	16QAM	13.50	14.90
	Mid	64QAM	13.45	14.41
	High	QPSK	13.44	14.90
	High	16QAM	13.47	14.75
	High	64QAM	13.47	14.89
20	Low	QPSK	18.00	19.74
	Low	16QAM	18.02	19.66
	Low	64QAM	17.98	19.68
	Mid	QPSK	18.05	19.74
	Mid	16QAM	18.04	19.68
	Mid	64QAM	18.04	19.73
	High	QPSK	17.93	19.62
	High	16QAM	17.97	19.68
	High	64QAM	17.90	19.46

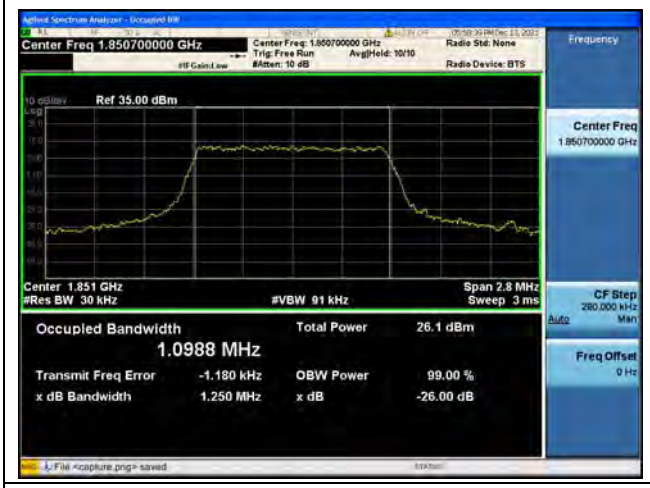
LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.24
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.24
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.71	3.05
	Low	64QAM	2.72	3.04
	Mid	QPSK	2.71	3.03
	Mid	16QAM	2.71	3.05
	Mid	64QAM	2.72	3.07
	High	QPSK	2.72	3.07
	High	16QAM	2.72	3.05
	High	64QAM	2.72	3.05
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.97
	Low	64QAM	4.49	4.95
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.50	4.96
	High	QPSK	4.51	4.94
	High	16QAM	4.50	4.97
	High	64QAM	4.49	4.94
10	Low	QPSK	9.05	9.86
	Low	16QAM	9.01	9.87
	Low	64QAM	9.02	9.9
	Mid	QPSK	9.01	9.76
	Mid	16QAM	8.98	9.79
	Mid	64QAM	8.98	9.72
	High	QPSK	8.97	9.79
	High	16QAM	8.92	9.74
	High	64QAM	8.92	9.78

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.48	4.94
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.49	4.92
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.95
	High	64QAM	4.48	4.95
10	Low	QPSK	9.00	9.78
	Low	16QAM	8.96	9.71
	Low	64QAM	8.95	9.79
	Mid	QPSK	8.95	9.87
	Mid	16QAM	8.93	9.79
	Mid	64QAM	8.93	9.80
	High	QPSK	8.96	9.83
	High	16QAM	8.93	9.75
	High	64QAM	8.94	9.76

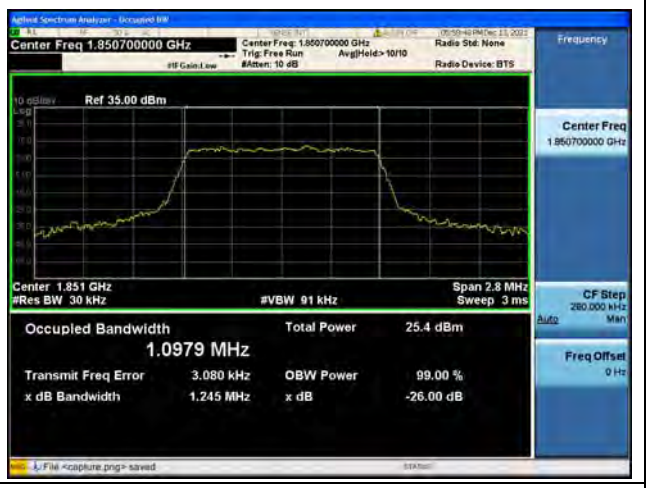
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.24
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.24
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.03
	Low	16QAM	2.71	3.05
	Low	64QAM	2.72	3.06
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.70	3.05
	Mid	64QAM	2.72	3.03
	High	QPSK	2.72	3.04
	High	16QAM	2.71	3.06
	High	64QAM	2.72	3.06
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.49	4.96
	Low	64QAM	4.49	4.98
	Mid	QPSK	4.49	5.00
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.49	4.96
	High	QPSK	4.50	4.96
	High	16QAM	4.49	4.98
	High	64QAM	4.50	4.96
10	Low	QPSK	9.04	9.88
	Low	16QAM	8.98	9.80
	Low	64QAM	9.00	9.91
	Mid	QPSK	9.02	9.91
	Mid	16QAM	8.98	9.85
	Mid	64QAM	9.00	9.89
	High	QPSK	9.02	9.84
	High	16QAM	8.99	9.82
	High	64QAM	9.01	9.87

15	Low	QPSK	13.48	14.85
	Low	16QAM	13.51	14.92
	Low	64QAM	13.49	14.98
	Mid	QPSK	13.50	14.92
	Mid	16QAM	13.48	14.94
	Mid	64QAM	13.50	14.86
	High	QPSK	13.48	14.88
	High	16QAM	13.50	14.87
	High	64QAM	13.48	14.90
20	Low	QPSK	17.80	18.78
	Low	16QAM	17.99	19.66
	Low	64QAM	18.00	19.68
	Mid	QPSK	18.01	19.67
	Mid	16QAM	18.03	19.82
	Mid	64QAM	18.01	19.65
	High	QPSK	17.99	19.80
	High	16QAM	18.01	19.75
	High	64QAM	18.02	19.77

Band2 / 1.4MHz / Low CH / QPSK



Band2 / 1.4MHz / Low CH / 16QAM



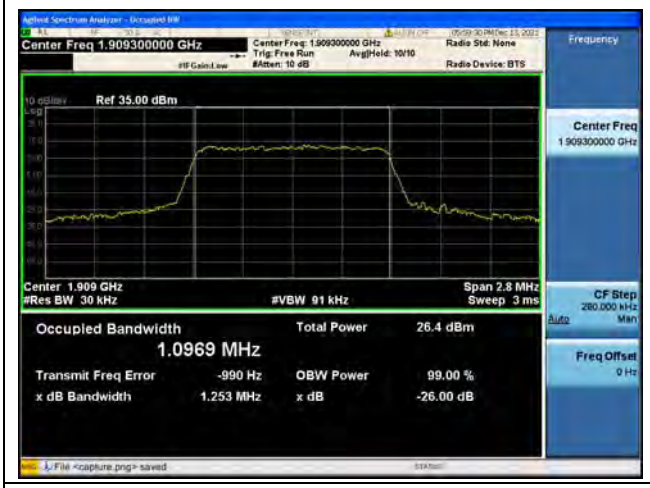
Band2 / 1.4MHz / Low CH / 64QAM

Band2 / 1.4MHz / Mid CH / QPSK

Band2 / 1.4MHz / Mid CH / 16QAM

Band2 / 1.4MHz / Mid CH / 64QAM

Band2 / 1.4MHz / High CH / QPSK



Band2 / 1.4MHz / High CH / 16QAM

Band2 / 1.4MHz / High CH / 64QAM

Band2 / 3MHz / Low CH / QPSK

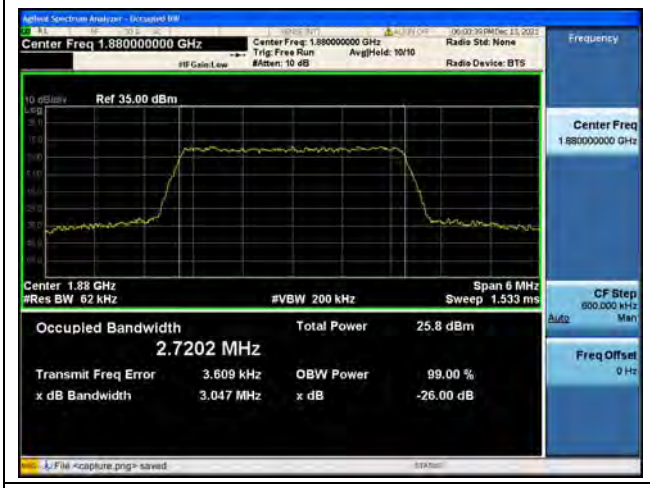
Band2 / 3MHz / Low CH / 16QAM

Band2 / 3MHz / Low CH / 64QAM

Band2 / 3MHz / Mid CH / QPSK

Band2 / 3MHz / Mid CH / 16QAM

Band2 / 3MHz / Mid CH / 64QAM

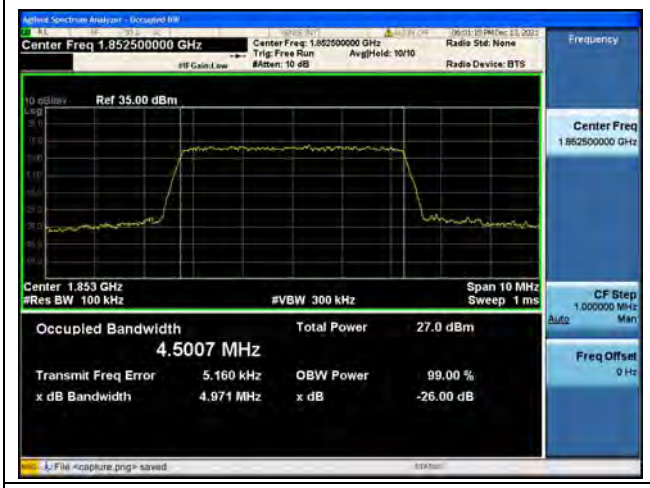


Band2 / 3MHz / High CH / QPSK

Band2 / 3MHz / High CH / 16QAM

Band2 / 3MHz / High CH / 64QAM

Band2 / 5MHz / Low CH / QPSK

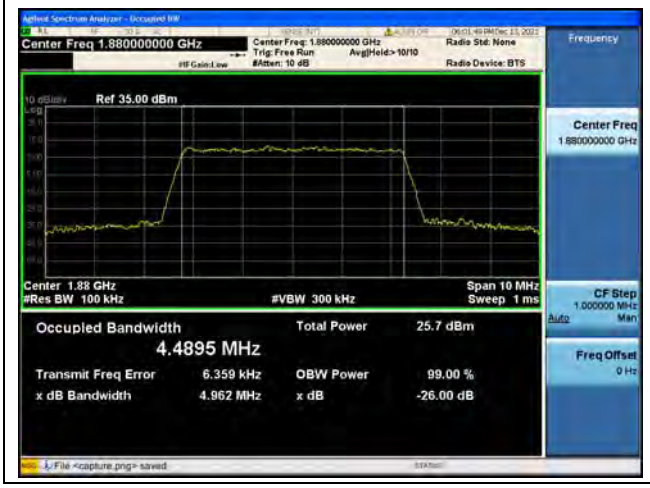


Band2 / 5MHz / Low CH / 16QAM

Band2 / 5MHz / Low CH / 64QAM

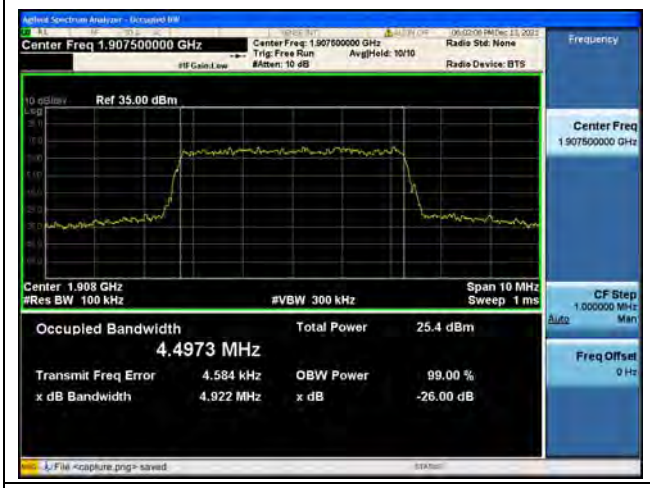
Band2 / 5MHz / Mid CH / QPSK

Band2 / 5MHz / Mid CH / 16QAM



Band2 / 5MHz / Mid CH / 64QAM

Band2 / 5MHz / High CH / QPSK

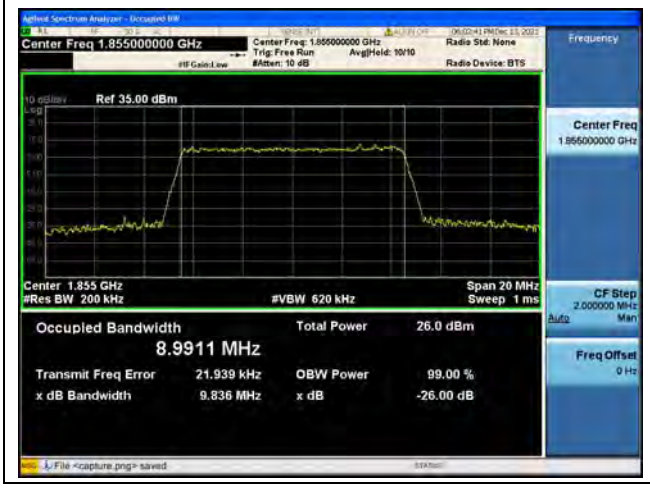


Band2 / 5MHz / High CH / 16QAM

Band2 / 5MHz / High CH / 64QAM

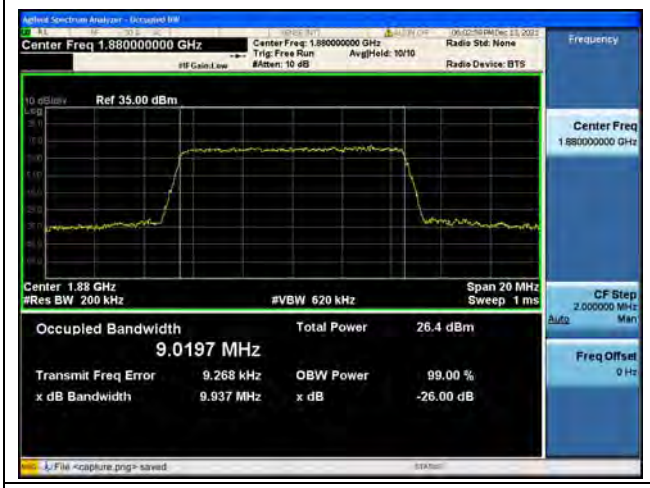
Band2 / 10MHz / Low CH / QPSK

Band2 / 10MHz / Low CH / 16QAM



Band2 / 10MHz / Low CH / 64QAM

Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM

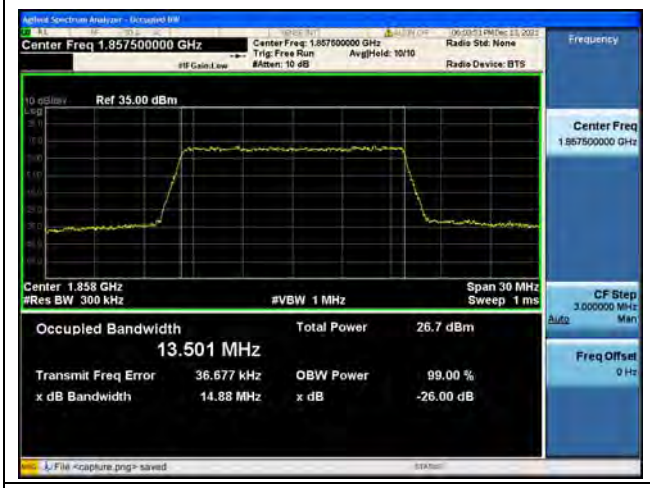
Band2 / 10MHz / Mid CH / 64QAM

Band2 / 10MHz / High CH / QPSK

Band2 / 10MHz / High CH / 16QAM

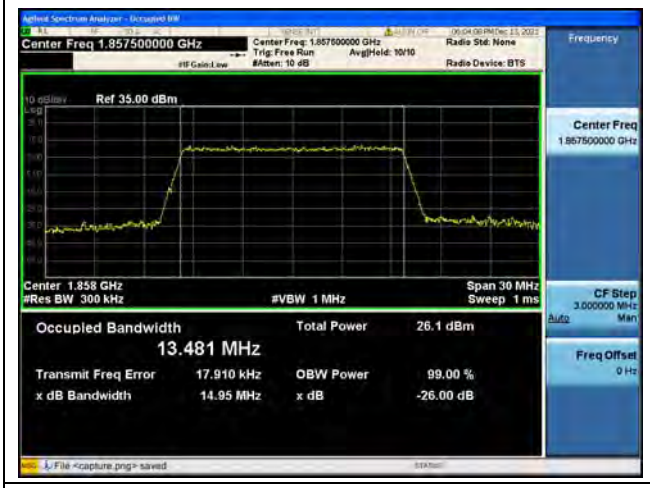
Band2 / 10MHz / High CH / 64QAM

Band2 / 15MHz / Low CH / QPSK



Band2 / 15MHz / Low CH / 16QAM

Band2 / 15MHz / Low CH / 64QAM

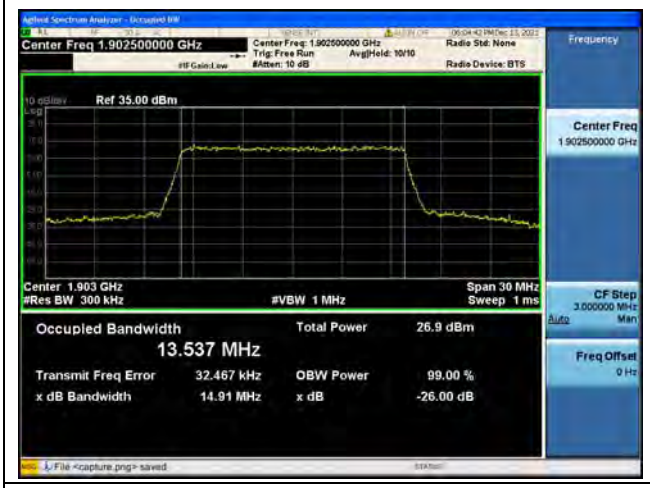


Band2 / 15MHz / Mid CH / QPSK

Band2 / 15MHz / Mid CH / 16QAM

Band2 / 15MHz / Mid CH / 64QAM

Band2 / 15MHz / High CH / QPSK



Band2 / 15MHz / High CH / 16QAM

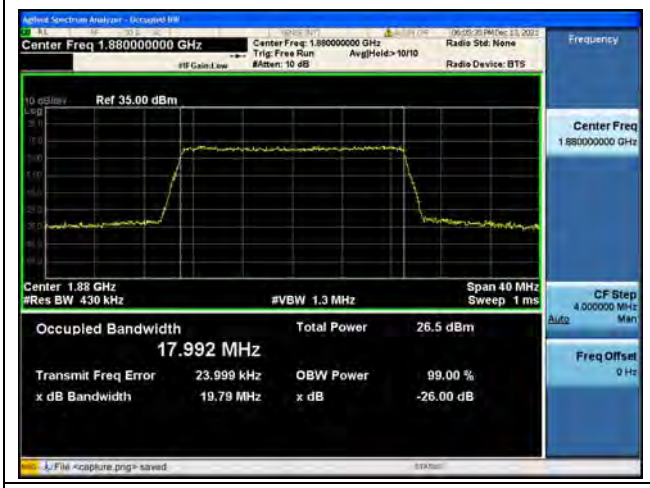
Band2 / 15MHz / High CH / 64QAM

Band2 / 20MHz / Low CH / QPSK

Band2 / 20MHz / Low CH / 16QAM

Band2 / 20MHz / Low CH / 64QAM

Band2 / 20MHz / Mid CH / QPSK



Band2 / 20MHz / Mid CH / 16QAM

Band2 / 20MHz / Mid CH / 64QAM

Band2 / 20MHz / High CH / QPSK

Band2 / 20MHz / High CH / 16QAM

Band2 / 20MHz / High CH / 64QAM

Band4 / 1.4MHz / Low CH / QPSK

Band4 / 1.4MHz / Low CH / 16QAM

Band4 / 1.4MHz / Low CH / 64QAM

Band4 / 1.4MHz / Mid CH / QPSK

Band4 / 1.4MHz / Mid CH / 16QAM

Band4 / 1.4MHz / Mid CH / 64QAM

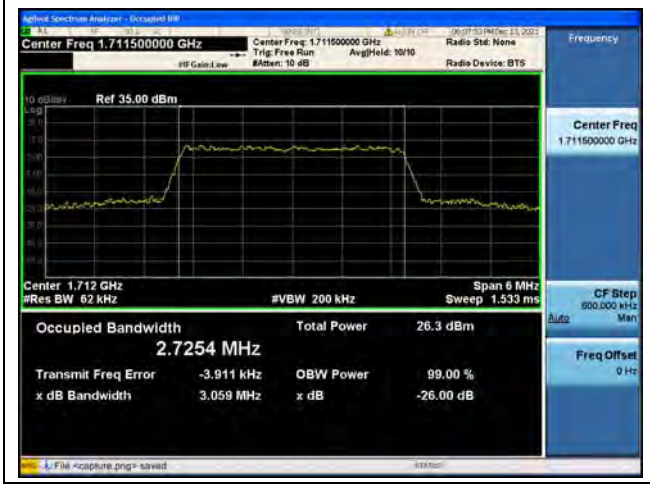
Band4 / 1.4MHz / High CH / QPSK

Band4 / 1.4MHz / High CH / 16QAM

Band4 / 1.4MHz / High CH / 64QAM

Band4 / 3MHz / Low CH / QPSK

Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Low CH / 64QAM

Band4 / 3MHz / Mid CH / QPSK

Band4 / 3MHz / Mid CH / 16QAM

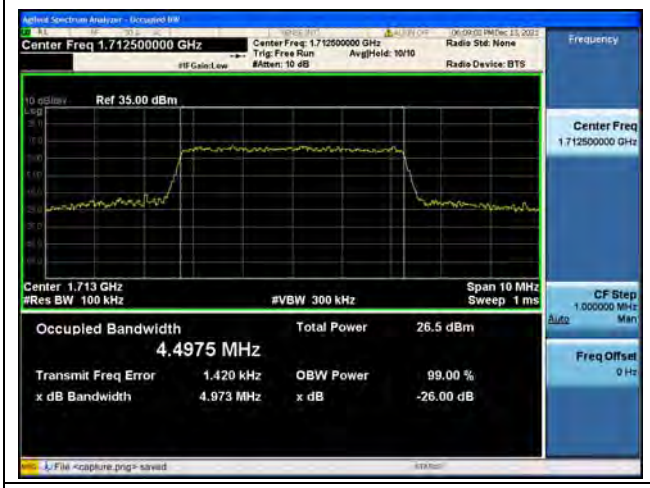
Band4 / 3MHz / Mid CH / 64QAM

Band4 / 3MHz / High CH / QPSK

Band4 / 3MHz / High CH / 16QAM

Band4 / 3MHz / High CH / 64QAM

Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM

Band4 / 5MHz / Low CH / 64QAM

Band4 / 5MHz / Mid CH / QPSK

Band4 / 5MHz / Mid CH / 16QAM

Band4 / 5MHz / Mid CH / 64QAM

Band4 / 5MHz / High CH / QPSK

Band4 / 5MHz / High CH / 16QAM

Band4 / 5MHz / High CH / 64QAM

Band4 / 10MHz / Low CH / QPSK

Band4 / 10MHz / Low CH / 16QAM

Band4 / 10MHz / Low CH / 64QAM

Band4 / 10MHz / Mid CH / QPSK

Band4 / 10MHz / Mid CH / 16QAM

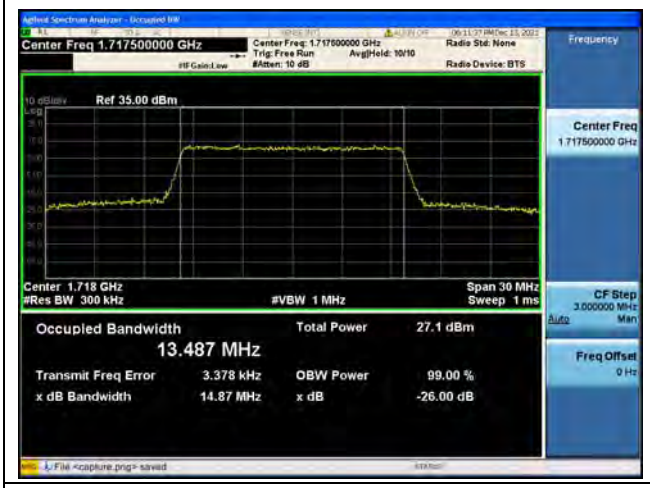
Band4 / 10MHz / Mid CH / 64QAM

Band4 / 10MHz / High CH / QPSK

Band4 / 10MHz / High CH / 16QAM

Band4 / 10MHz / High CH / 64QAM

Band4 / 15MHz / Low CH / QPSK



Band4 / 15MHz / Low CH / 16QAM

Band4 / 15MHz / Low CH / 64QAM

Band4 / 15MHz / Mid CH / QPSK

Band4 / 15MHz / Mid CH / 16QAM

Band4 / 15MHz / Mid CH / 64QAM

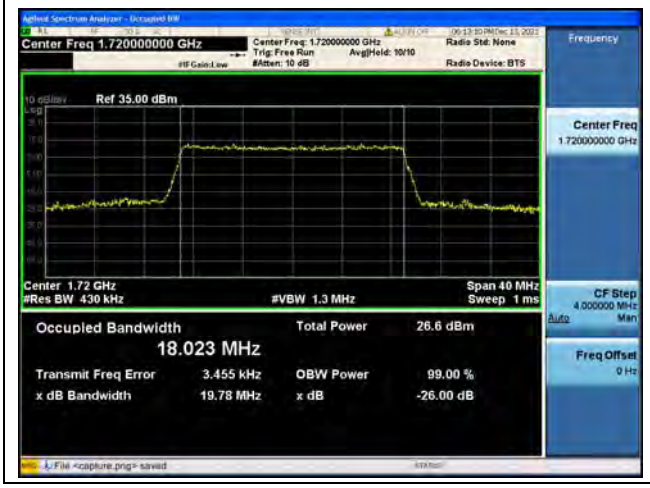
Band4 / 15MHz / High CH / QPSK

Band4 / 15MHz / High CH / 16QAM

Band4 / 15MHz / High CH / 64QAM

Band4 / 20MHz / Low CH / QPSK

Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Low CH / 64QAM

Band4 / 20MHz / Mid CH / QPSK

Band4 / 20MHz / Mid CH / 16QAM

Band4 / 20MHz / Mid CH / 64QAM

Band4 / 20MHz / High CH / QPSK

Band4 / 20MHz / High CH / 16QAM

Band4 / 20MHz / High CH / 64QAM

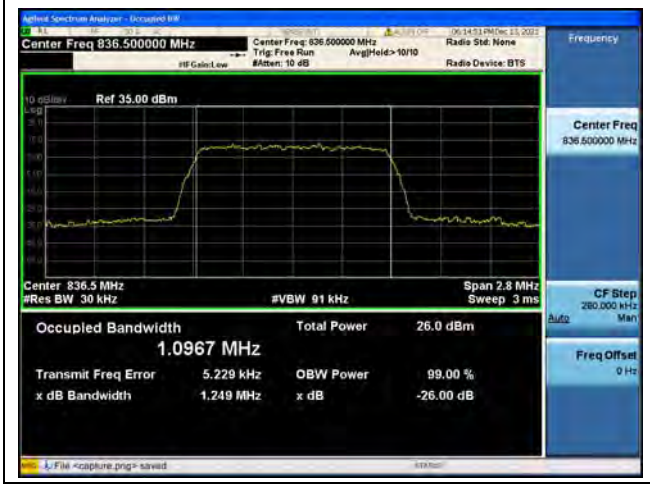
Band5 / 1.4MHz / Low CH / QPSK

Band5 / 1.4MHz / Low CH / 16QAM

Band5 / 1.4MHz / Low CH / 64QAM

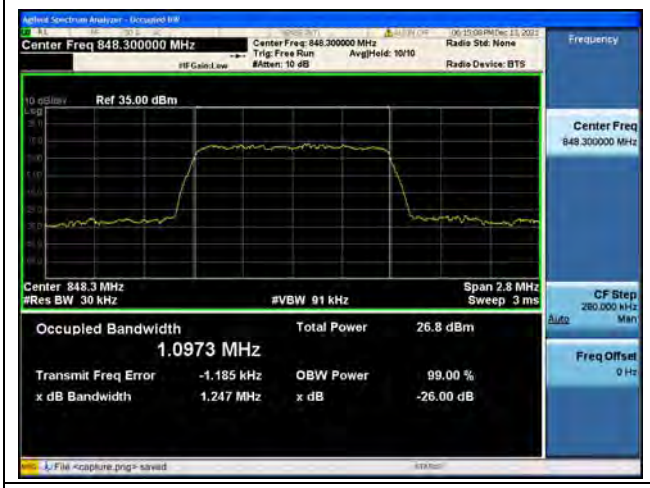
Band5 / 1.4MHz / Mid CH / QPSK

Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / Mid CH / 64QAM

Band5 / 1.4MHz / High CH / QPSK



Band5 / 1.4MHz / High CH / 16QAM

Band5 / 1.4MHz / High CH / 64QAM

Band5 / 3MHz / Low CH / QPSK

Band5 / 3MHz / Low CH / 16QAM

Band5 / 3MHz / Low CH / 64QAM

Band5 / 3MHz / Mid CH / QPSK

Band5 / 3MHz / Mid CH / 16QAM

Band5 / 3MHz / Mid CH / 64QAM

Band5 / 3MHz / High CH / QPSK

Band5 / 3MHz / High CH / 16QAM

Band5 / 3MHz / High CH / 64QAM

Band5 / 5MHz / Low CH / QPSK

Band5 / 5MHz / Low CH / 16QAM

Band5 / 5MHz / Low CH / 64QAM

Band5 / 5MHz / Mid CH / QPSK

Band5 / 5MHz / Mid CH / 16QAM

Band5 / 5MHz / Mid CH / 64QAM

Band5 / 5MHz / High CH / QPSK

Band5 / 5MHz / High CH / 16QAM

Band5 / 5MHz / High CH / 64QAM

Band5 / 10MHz / Low CH / QPSK

Band5 / 10MHz / Low CH / 16QAM

Band5 / 10MHz / Low CH / 64QAM

Band5 / 10MHz / Mid CH / QPSK

Band5 / 10MHz / Mid CH / 16QAM

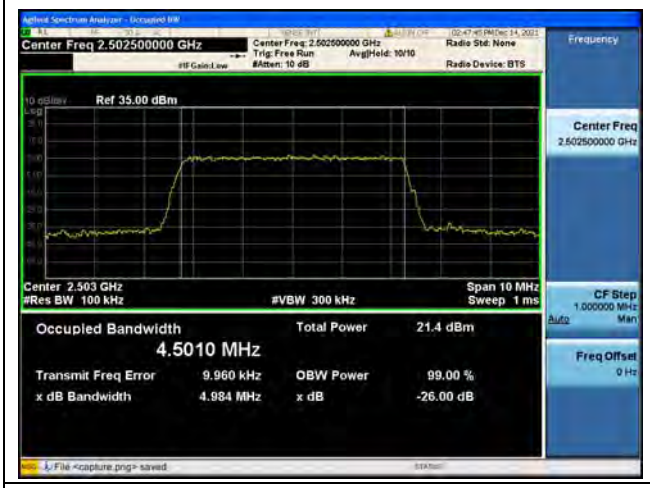
Band5 / 10MHz / Mid CH / 64QAM

Band5 / 10MHz / High CH / QPSK

Band5 / 10MHz / High CH / 16QAM

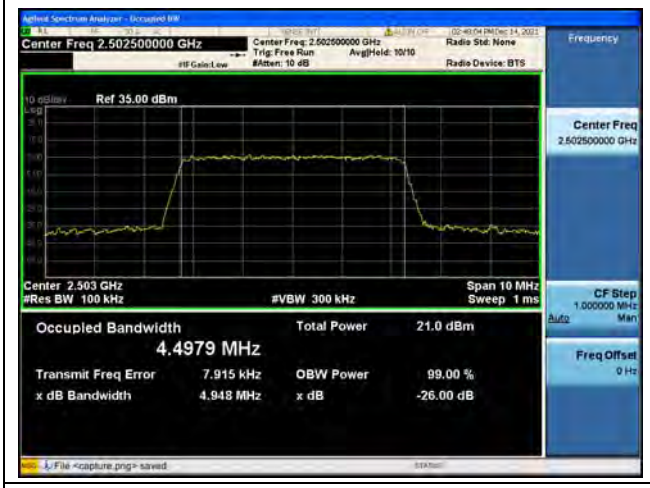
Band5 / 10MHz / High CH / 64QAM

Band7 / 5MHz / Low CH / QPSK



Band7 / 5MHz / Low CH / 16QAM

Band7 / 5MHz / Low CH / 64QAM

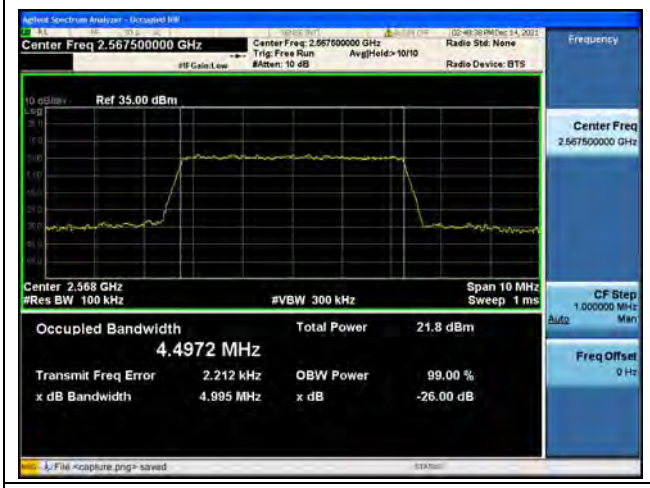


Band7 / 5MHz / Mid CH / QPSK

Band7 / 5MHz / Mid CH / 16QAM

Band7 / 5MHz / Mid CH / 64QAM

Band7 / 5MHz / High CH / QPSK

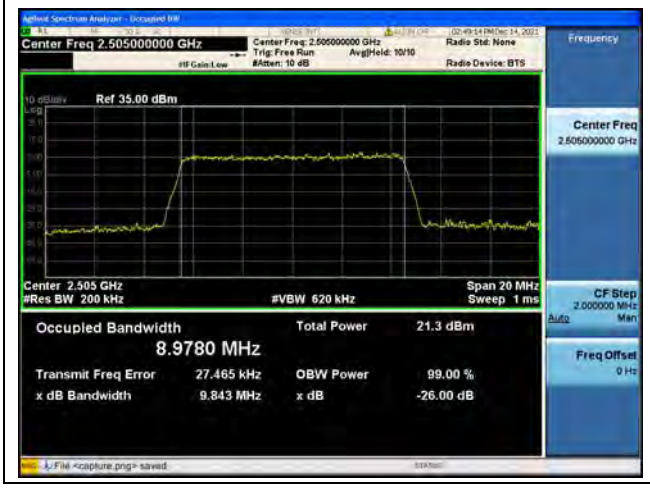


Band7 / 5MHz / High CH / 16QAM

Band7 / 5MHz / High CH / 64QAM

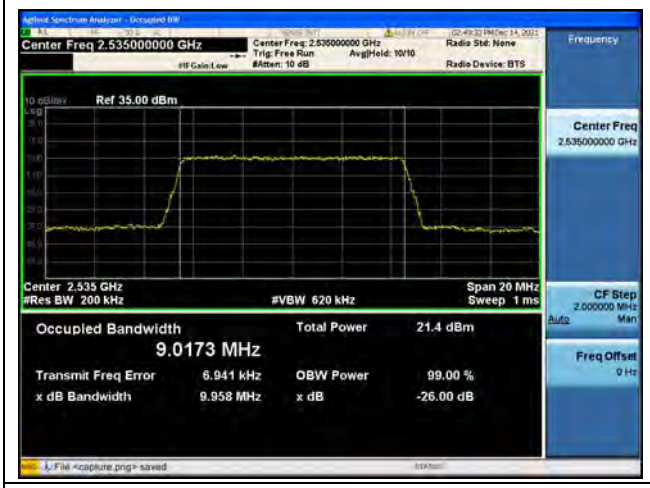
Band7 / 10MHz / Low CH / QPSK

Band7 / 10MHz / Low CH / 16QAM



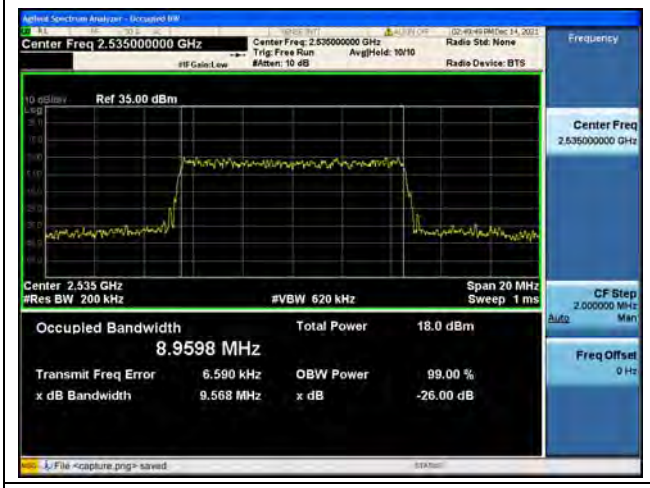
Band7 / 10MHz / Low CH / 64QAM

Band7 / 10MHz / Mid CH / QPSK



Band7 / 10MHz / Mid CH / 16QAM

Band7 / 10MHz / Mid CH / 64QAM



Band7 / 10MHz / High CH / QPSK

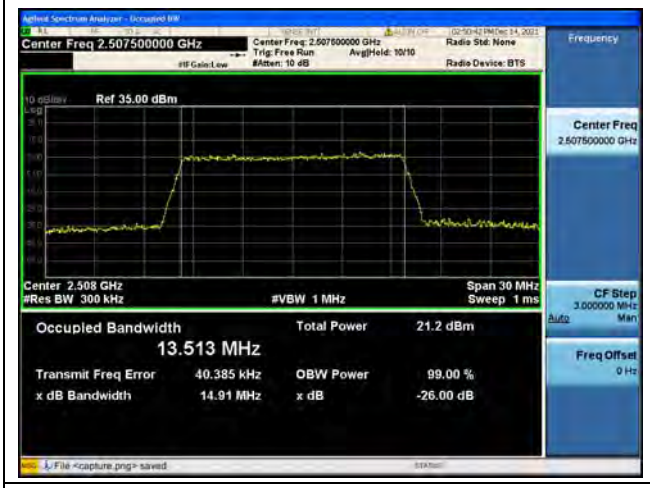
Band7 / 10MHz / High CH / 16QAM

Band7 / 10MHz / High CH / 64QAM

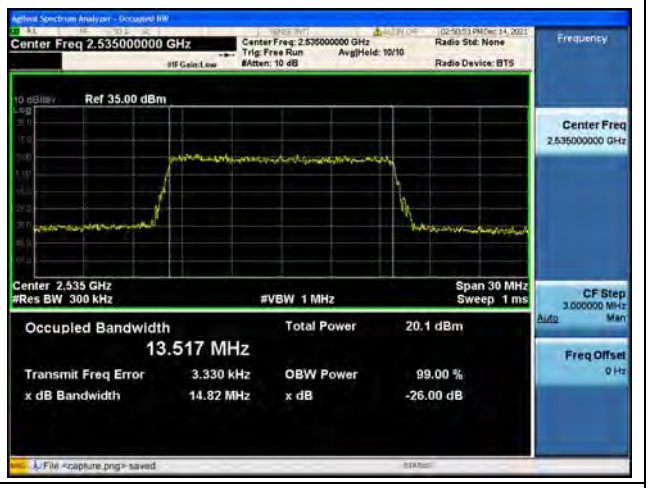
Band7 / 15MHz / Low CH / QPSK

Band7 / 15MHz / Low CH / 16QAM

Band7 / 15MHz / Low CH / 64QAM



Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM

Band7 / 15MHz / Mid CH / 64QAM

Band7 / 15MHz / High CH / QPSK

Band7 / 15MHz / High CH / 16QAM

Band7 / 15MHz / High CH / 64QAM

Band7 / 20MHz / Low CH / QPSK

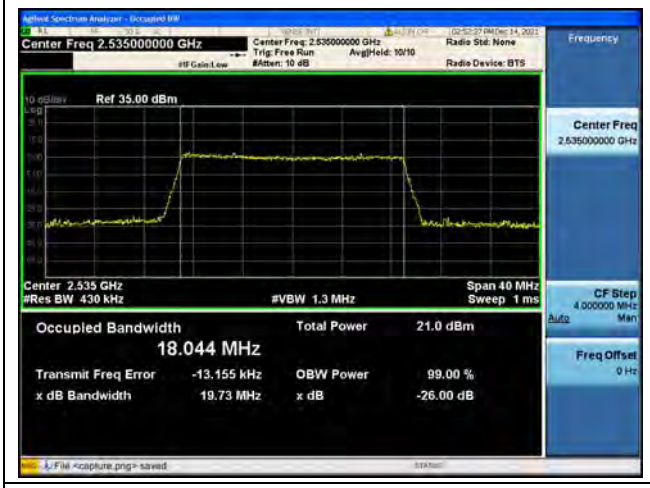
Band7 / 20MHz / Low CH / 16QAM

Band7 / 20MHz / Low CH / 64QAM

Band7 / 20MHz / Mid CH / QPSK

Band7 / 20MHz / Mid CH / 16QAM

Band7 / 20MHz / Mid CH / 64QAM



Band7 / 20MHz / High CH / QPSK

Band7 / 20MHz / High CH / 16QAM

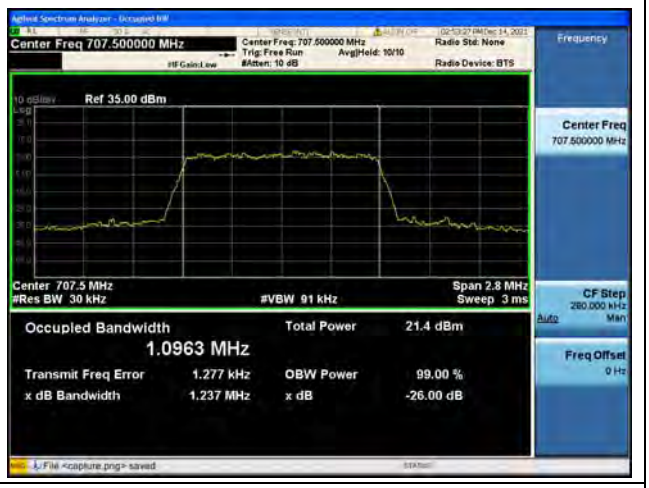
Band7 / 20MHz / High CH / 64QAM

Band12 / 1.4MHz / Low CH / QPSK

Band12 / 1.4MHz / Low CH / 16QAM

Band12 / 1.4MHz / Low CH / 64QAM

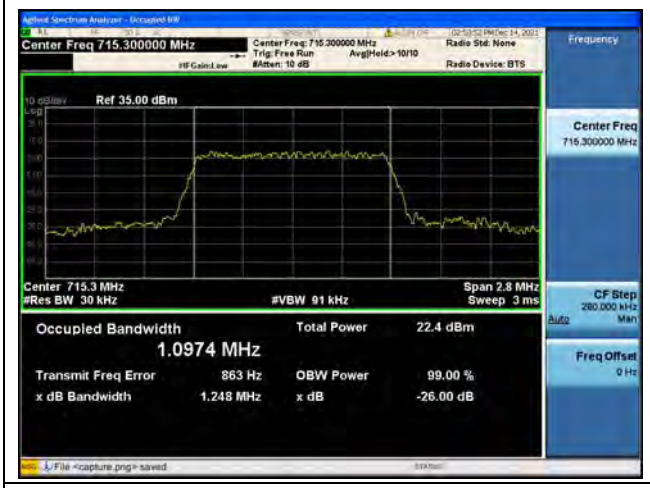
Band12 / 1.4MHz / Mid CH / QPSK



Band12 / 1.4MHz / Mid CH / 16QAM

Band12 / 1.4MHz / Mid CH / 64QAM

Band12 / 1.4MHz / High CH / QPSK



Band12 / 1.4MHz / High CH / 16QAM

Band12 / 1.4MHz / High CH / 64QAM

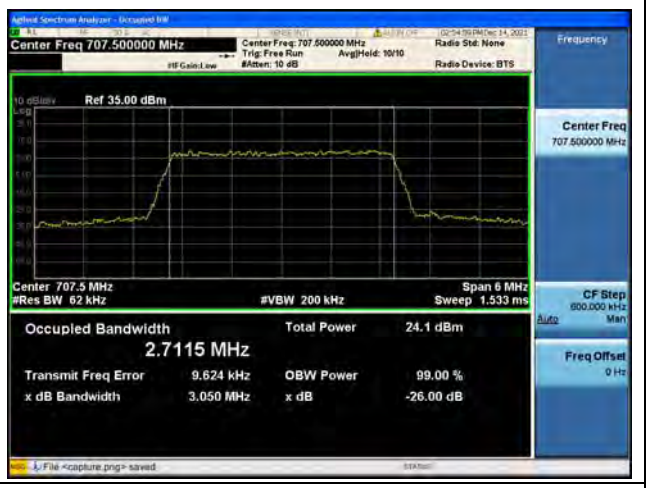
Band12 / 3MHz / Low CH / QPSK

Band12 / 3MHz / Low CH / 16QAM

Band12 / 3MHz / Low CH / 64QAM

Band12 / 3MHz / Mid CH / QPSK

Band12 / 3MHz / Mid CH / 16QAM



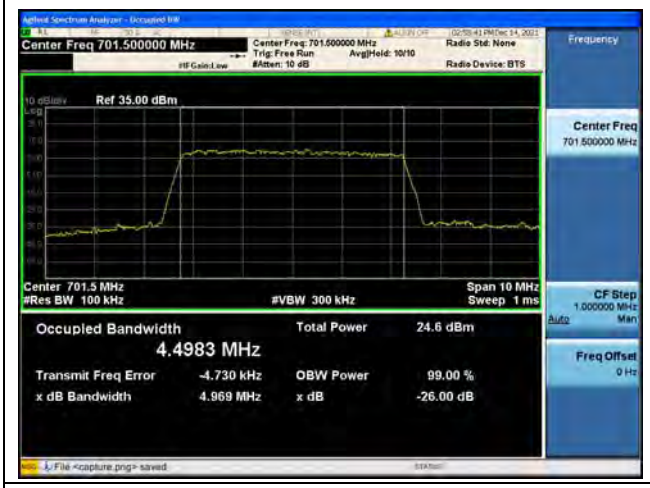
Band12 / 3MHz / Mid CH / 64QAM

Band12 / 3MHz / High CH / QPSK

Band12 / 3MHz / High CH / 16QAM

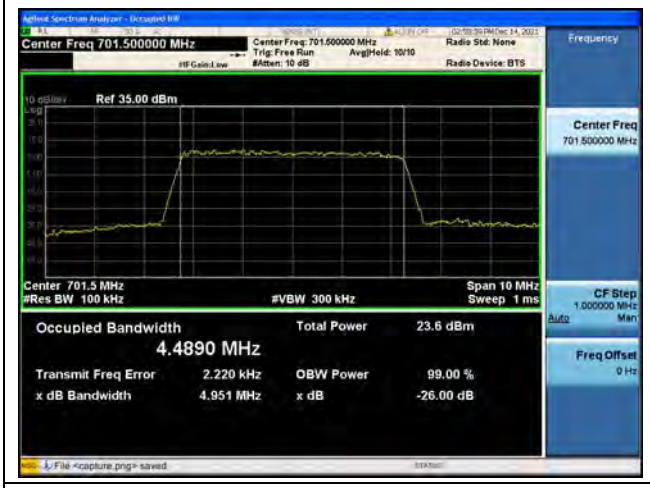
Band12 / 3MHz / High CH / 64QAM

Band12 / 5MHz / Low CH / QPSK



Band12 / 5MHz / Low CH / 16QAM

Band12 / 5MHz / Low CH / 64QAM



Band12 / 5MHz / Mid CH / QPSK

Band12 / 5MHz / Mid CH / 16QAM

Band12 / 5MHz / Mid CH / 64QAM

Band12 / 5MHz / High CH / QPSK

Band12 / 5MHz / High CH / 16QAM

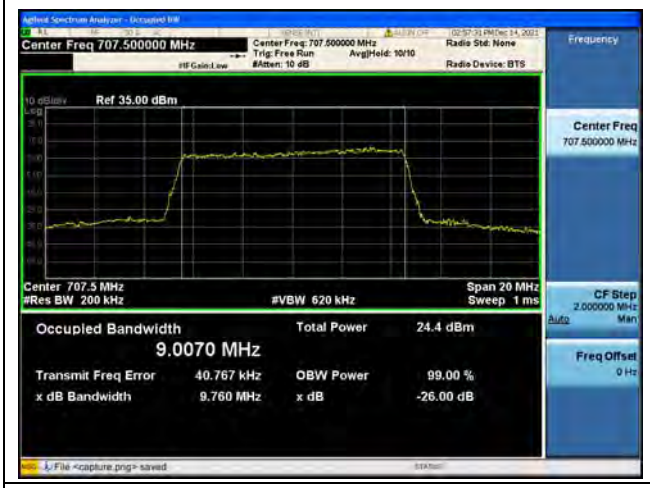
Band12 / 5MHz / High CH / 64QAM

Band12 / 10MHz / Low CH / QPSK

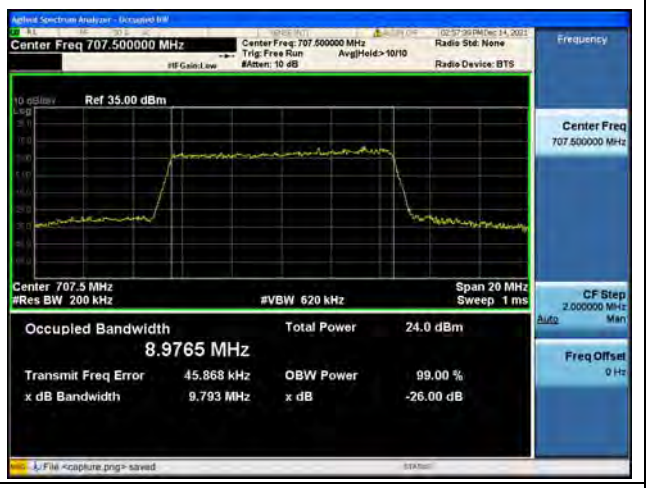
Band12 / 10MHz / Low CH / 16QAM

Band12 / 10MHz / Low CH / 64QAM

Band12 / 10MHz / Mid CH / QPSK



Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / Mid CH / 64QAM

Band12 / 10MHz / High CH / QPSK

Band12 / 10MHz / High CH / 16QAM

Band12 / 10MHz / High CH / 64QAM

Band17 / 5MHz / Low CH / QPSK

Band17 / 5MHz / Low CH / 16QAM

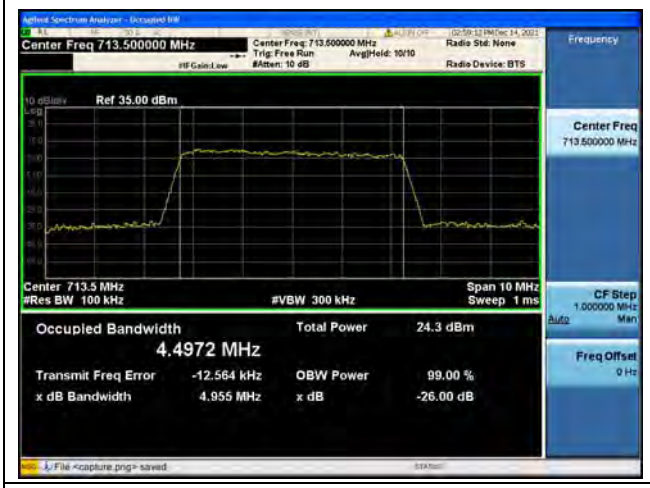
Band17 / 5MHz / Low CH / 64QAM

Band17 / 5MHz / Mid CH / QPSK

Band17 / 5MHz / Mid CH / 16QAM

Band17 / 5MHz / Mid CH / 64QAM

Band17 / 5MHz / High CH / QPSK



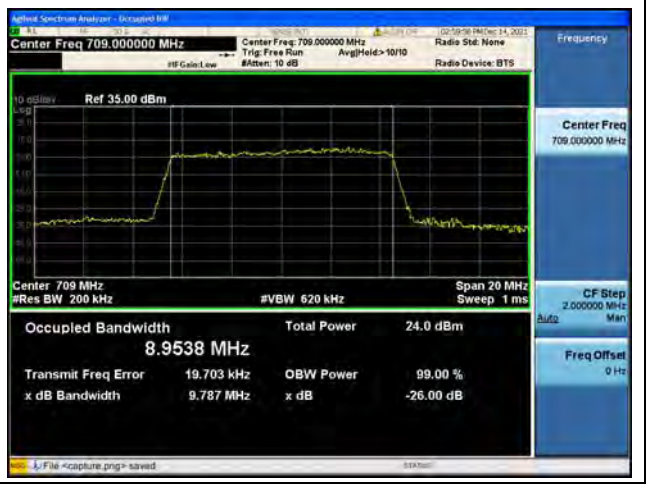
Band17 / 5MHz / High CH / 16QAM

Band17 / 5MHz / High CH / 64QAM

Band17 / 10MHz / Low CH / QPSK

Band17 / 10MHz / Low CH / 16QAM

Band17 / 10MHz / Low CH / 64QAM



Band17 / 10MHz / Mid CH / QPSK

Band17 / 10MHz / Mid CH / 16QAM

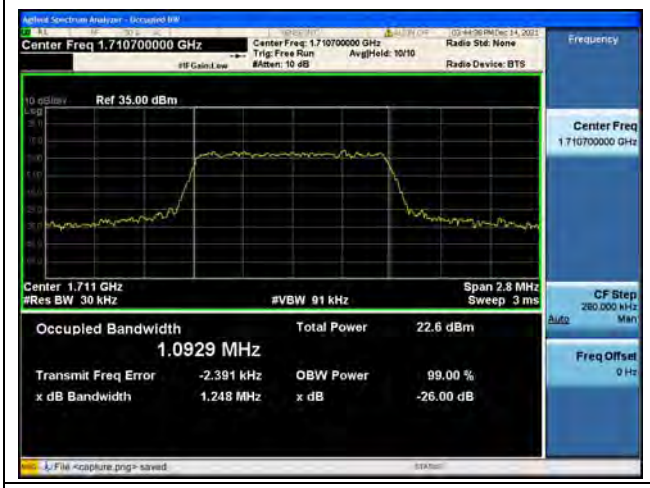
Band17 / 10MHz / Mid CH / 64QAM

Band17 / 10MHz / High CH / QPSK

Band17 / 10MHz / High CH / 16QAM

Band17 / 10MHz / High CH / 64QAM

Band66 / 1.4MHz / Low CH / QPSK



Band66 / 1.4MHz / Low CH / 16QAM

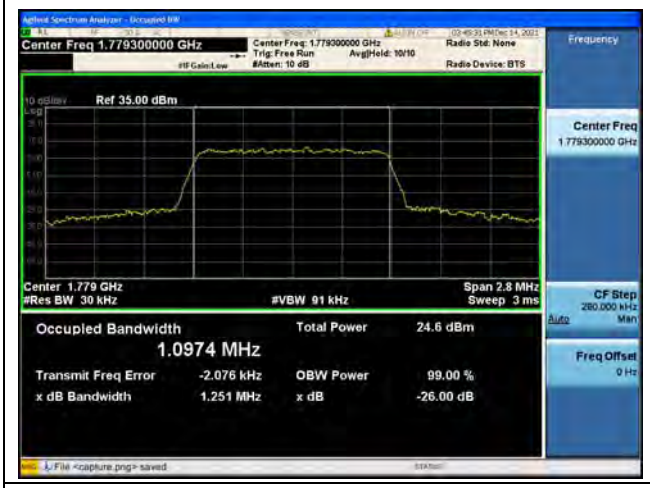
Band66 / 1.4MHz / Low CH / 64QAM

Band66 / 1.4MHz / Mid CH / QPSK

Band66 / 1.4MHz / Mid CH / 16QAM

Band66 / 1.4MHz / Mid CH / 64QAM

Band66 / 1.4MHz / High CH / QPSK



Band66 / 1.4MHz / High CH / 16QAM

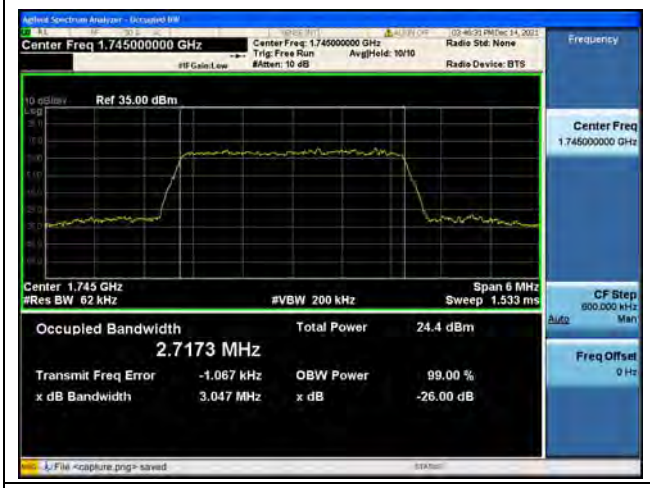
Band66 / 1.4MHz / High CH / 64QAM

Band66 / 3MHz / Low CH / QPSK

Band66 / 3MHz / Low CH / 16QAM

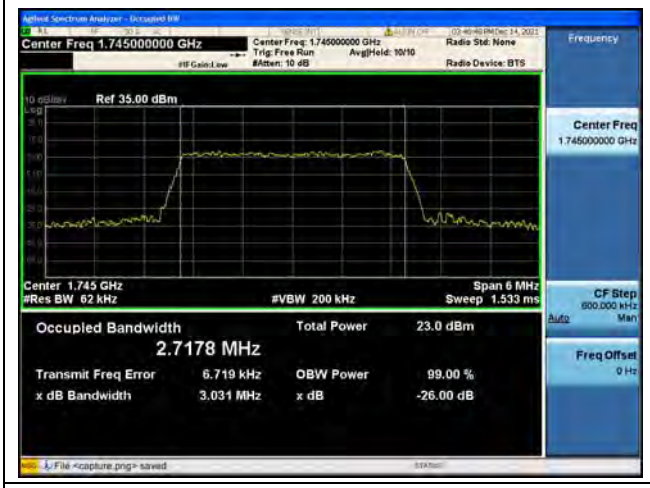
Band66 / 3MHz / Low CH / 64QAM

Band66 / 3MHz / Mid CH / QPSK



Band66 / 3MHz / Mid CH / 16QAM

Band66 / 3MHz / Mid CH / 64QAM

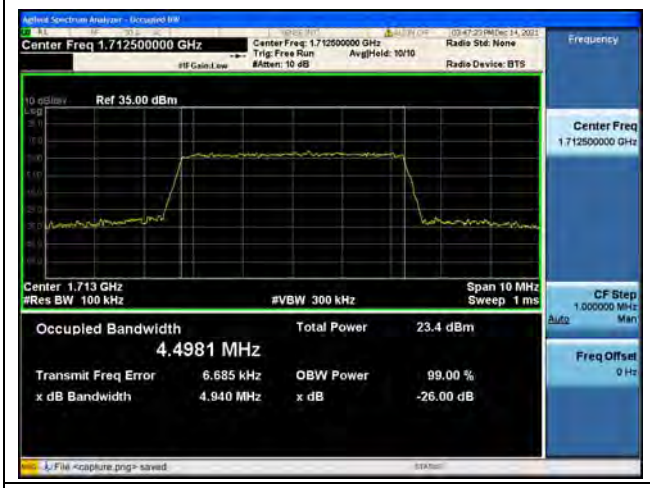


Band66 / 3MHz / High CH / QPSK

Band66 / 3MHz / High CH / 16QAM

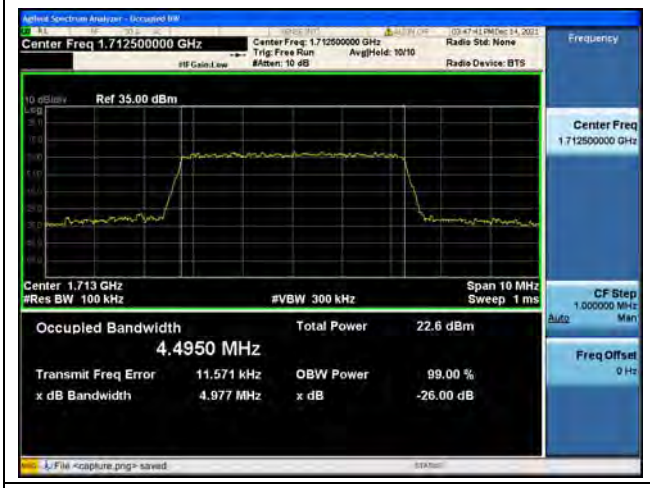
Band66 / 3MHz / High CH / 64QAM

Band66 / 5MHz / Low CH / QPSK



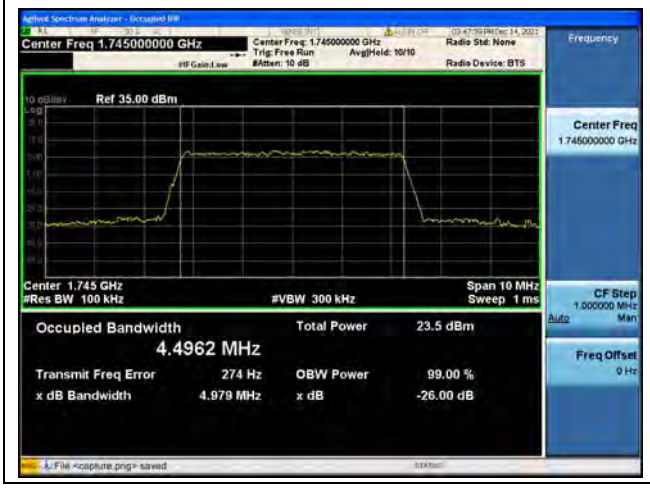
Band66 / 5MHz / Low CH / 16QAM

Band66 / 5MHz / Low CH / 64QAM



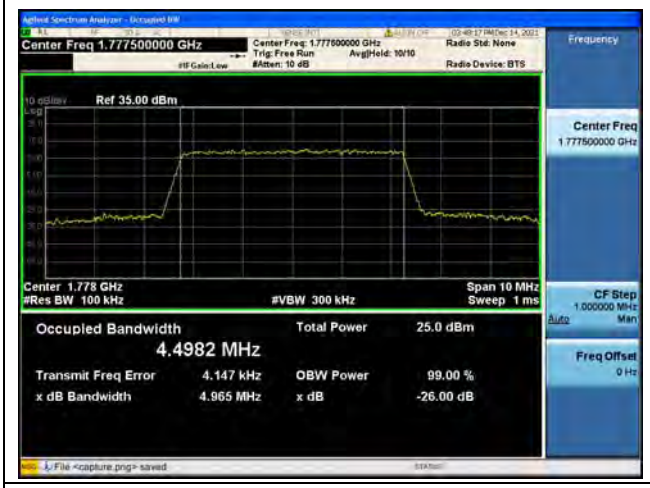
Band66 / 5MHz / Mid CH / QPSK

Band66 / 5MHz / Mid CH / 16QAM



Band66 / 5MHz / Mid CH / 64QAM

Band66 / 5MHz / High CH / QPSK



Band66 / 5MHz / High CH / 16QAM

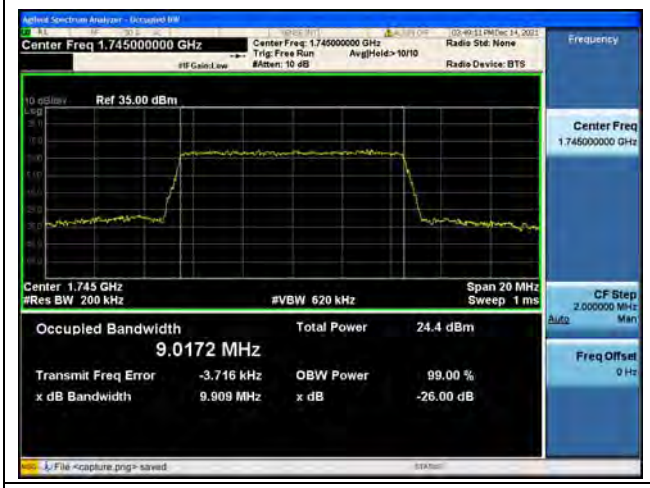
Band66 / 5MHz / High CH / 64QAM

Band66 / 10MHz / Low CH / QPSK

Band66 / 10MHz / Low CH / 16QAM

Band66 / 10MHz / Low CH / 64QAM

Band66 / 10MHz / Mid CH / QPSK

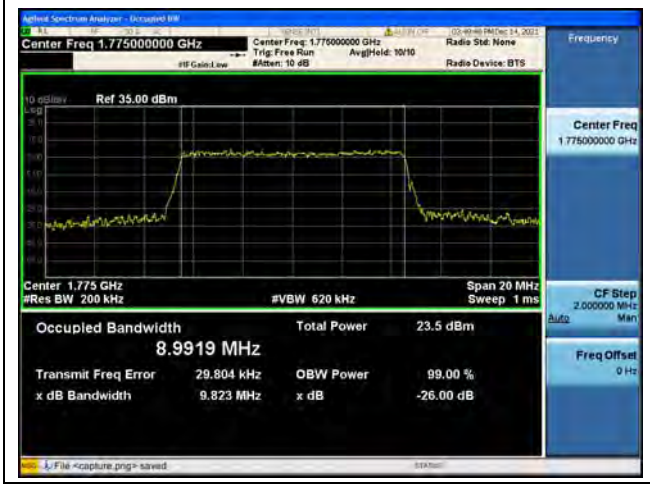


Band66 / 10MHz / Mid CH / 16QAM

Band66 / 10MHz / Mid CH / 64QAM

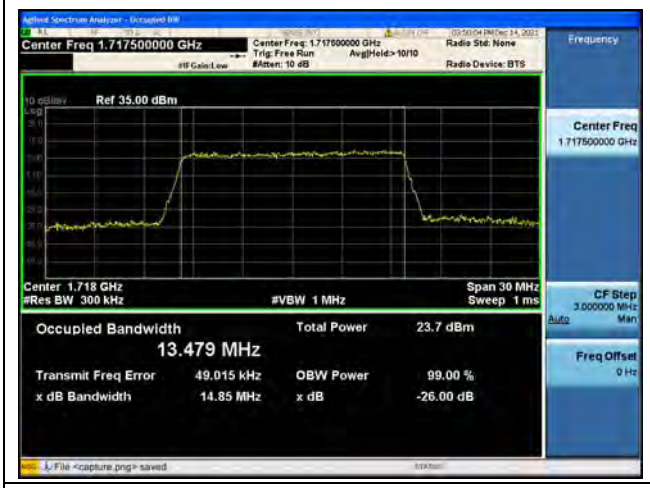
Band66 / 10MHz / High CH / QPSK

Band66 / 10MHz / High CH / 16QAM



Band66 / 10MHz / High CH / 64QAM

Band66 / 15MHz / Low CH / QPSK



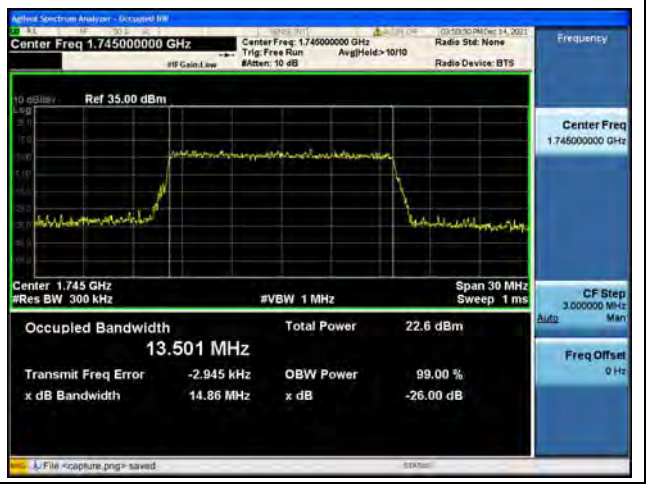
Band66 / 15MHz / Low CH / 16QAM

Band66 / 15MHz / Low CH / 64QAM

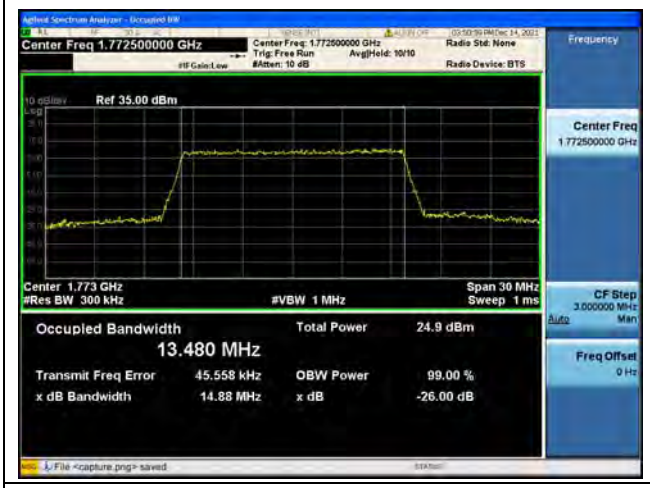
Band66 / 15MHz / Mid CH / QPSK

Band66 / 15MHz / Mid CH / 16QAM

Band66 / 15MHz / Mid CH / 64QAM



Band66 / 15MHz / High CH / QPSK



Band66 / 15MHz / High CH / 16QAM

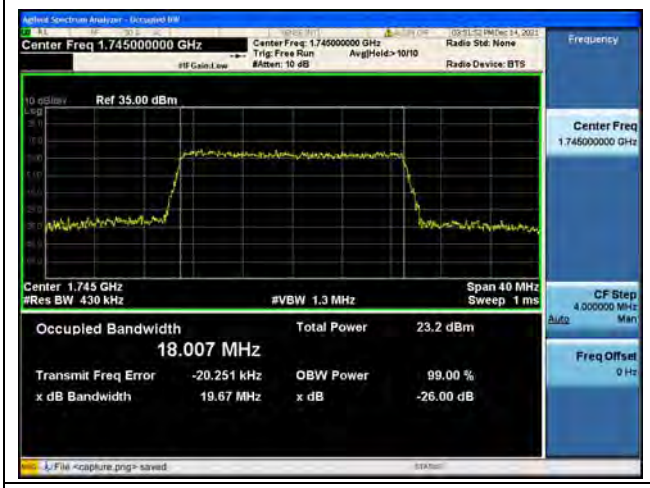
Band66 / 15MHz / High CH / 64QAM

Band66 / 20MHz / Low CH / QPSK

Band66 / 20MHz / Low CH / 16QAM

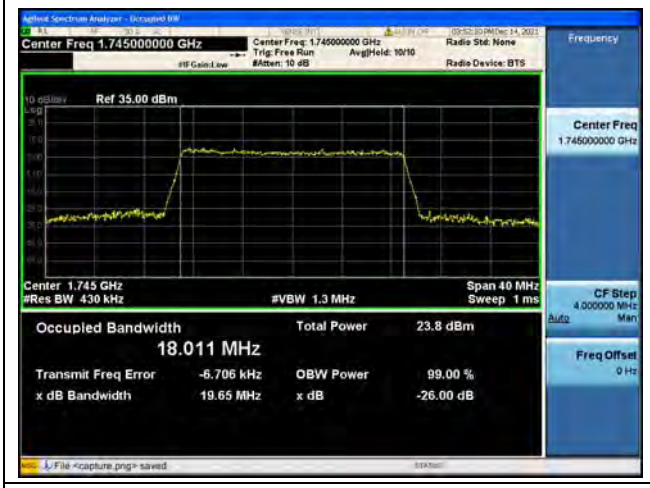
Band66 / 20MHz / Low CH / 64QAM

Band66 / 20MHz / Mid CH / QPSK



Band66 / 20MHz / Mid CH / 16QAM

Band66 / 20MHz / Mid CH / 64QAM



Band66 / 20MHz / High CH / QPSK

Band66 / 20MHz / High CH / 16QAM

Band66 / 20MHz / High CH / 64QAM

2.3. Frequency Stability

2.3.1. Requirement

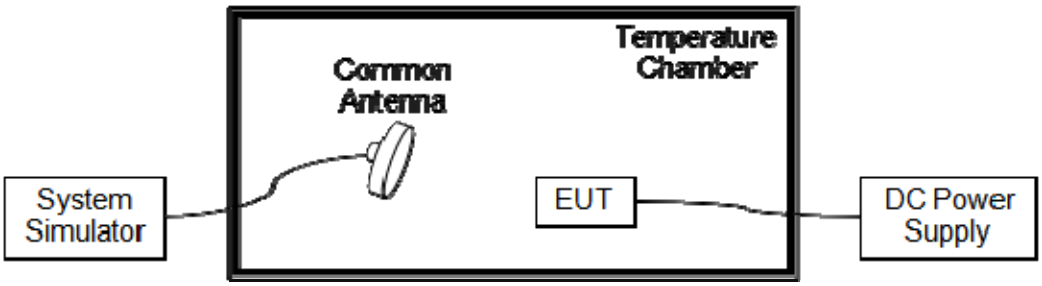
According to FCC section 2.1055, 24.235, 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

(a) The temperature is varied from -30°C to +50°C at intervals of not more than 10°C.

(b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

Note: The operating temperature of EUT is from -20°C to 55°C, which are specified by the applicant.

2.3.2. Test Description



The EUT which is powered by the DC Power Supply directly, is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power. A call is established between the EUT and the SS via a Common Antenna.

2.3.3. Test Procedure

KDB 971168 D01v03 Section 9.0 and ANSI/TIA-603-E-2016.

2.3.4. Test Result

The nominal, highest and lowest extreme voltages are separately 3.85V, 4.40V and 3.60V, which are specified by the applicant; the normal temperature here used is 20°C.

LTE Band 2, QPSK, Channel 18900, Frequency 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	-44	-0.023	PASS
100		-20	51	0.027	
100		-10	-20	-0.011	
100		0	-54	-0.029	
100		+10	-28	-0.015	
100		+20	25	0.013	
100		+30	-20	-0.011	
100		+40	45	0.024	
100		+50	40	0.021	
100		+55	-32	-0.017	
115	4.40	+20	-26	-0.014	
85	3.60	+20	24	0.013	

LTE Band 4, QPSK, Channel 20175, Frequency 1732.5MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	41	0.024	PASS
100		-20	-26	-0.015	
100		-10	44	0.025	
100		0	13	0.008	
100		+10	-37	-0.021	
100		+20	-20	-0.012	
100		+30	42	0.024	
100		+40	-44	-0.025	
100		+50	-22	-0.013	
100		+55	-15	-0.009	
115	4.40	+20	-31	-0.018	
85	3.60	+20	32	0.018	

LTE Band 5, QPSK, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	43	0.051	PASS
100		-20	38	0.045	
100		-10	-58	-0.069	
100		0	45	0.054	
100		+10	44	0.053	
100		+20	14	0.017	
100		+30	-43	-0.051	
100		+40	49	0.059	
100		+50	49	0.059	
100		+55	-51	-0.061	
115	4.40	+20	40	0.048	
85	3.60	+20	18	0.022	

LTE Band 7, QPSK, Channel 21100, Frequency 2535MHz Limit= Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	30	0.012	PASS
100		-20	-21	-0.008	
100		-10	-13	-0.005	
100		0	17	0.007	
100		+10	-35	-0.014	
100		+20	25	0.010	
100		+30	-51	-0.020	
100		+40	-15	-0.006	
100		+50	14	0.006	
100		+55	-19	-0.007	
115	4.40	+20	-13	-0.005	
85	3.60	+20	38	0.015	

LTE Band 12, QPSK, Channel 23095, Frequency 707.5MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	-37	-0.052	PASS
100		-20	-43	-0.061	
100		-10	-24	-0.034	
100		0	-26	-0.037	
100		+10	19	0.027	
100		+20	47	0.066	
100		+30	40	0.057	
100		+40	17	0.024	
100		+50	46	0.065	
100		+55	32	0.045	
115	4.40	+20	-16	-0.023	
85	3.60	+20	37	0.052	

LTE Band 17, QPSK, Channel 23790, Frequency 710MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	34	0.048	PASS
100		-20	-46	-0.065	
100		-10	-50	-0.070	
100		0	48	0.068	
100		+10	-53	-0.075	
100		+20	-13	-0.018	
100		+30	-39	-0.055	
100		+40	47	0.066	
100		+50	46	0.065	
100		+55	46	0.065	
115	4.40	+20	57	0.080	
85	3.60	+20	-34	-0.048	

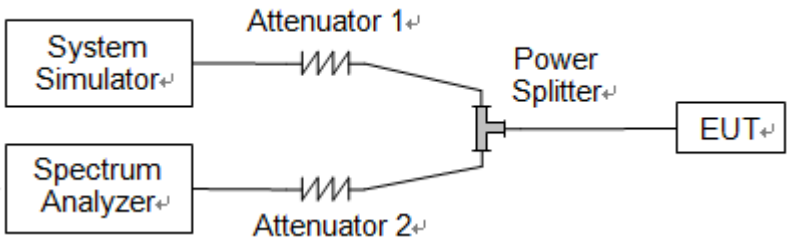
LTE Band 66, QPSK, Channel 132322, Frequency 1745MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
100	3.85	+20(Ref)	17	0.010	PASS
100		-20	-55	-0.032	
100		-10	-53	-0.030	
100		0	-54	-0.031	
100		+10	-44	-0.025	
100		+20	41	0.023	
100		+30	22	0.013	
100		+40	-59	-0.034	
100		+50	51	0.029	
100		+55	23	0.013	
115	4.40	+20	-48	-0.028	
85	3.60	+20	33	0.019	

2.4. Peak to Average Radio

2.4.1. Requirement

According to FCC section 24.232(d) and 27.50(d), the peak to average ratio (PAR) of the transmission may not exceed 13dB.

2.4.2. 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.

2.4.3. Test Procedure

KDB 971168 D01v03 Section 5.7 and ANSI/TIA-603-E-2016.

2.4.4. Test Result

Record the maximum PAPR level associated with a probability of 0.1%.

LTE Band 2					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.63	<=13	PASS
	Low	16QAM	6.59	<=13	PASS
	Low	64QAM	6.38	<=13	PASS
	Mid	QPSK	5.76	<=13	PASS
	Mid	16QAM	6.42	<=13	PASS
	Mid	64QAM	6.24	<=13	PASS
	High	QPSK	5.44	<=13	PASS
	High	16QAM	6.25	<=13	PASS
	High	64QAM	6.02	<=13	PASS
3	Low	QPSK	5.84	<=13	PASS
	Low	16QAM	6.54	<=13	PASS
	Low	64QAM	6.36	<=13	PASS
	Mid	QPSK	5.67	<=13	PASS
	Mid	16QAM	6.42	<=13	PASS
	Mid	64QAM	6.32	<=13	PASS
	High	QPSK	5.47	<=13	PASS
	High	16QAM	6.23	<=13	PASS
	High	64QAM	6.03	<=13	PASS
5	Low	QPSK	5.76	<=13	PASS
	Low	16QAM	6.35	<=13	PASS
	Low	64QAM	6.28	<=13	PASS
	Mid	QPSK	5.65	<=13	PASS
	Mid	16QAM	6.25	<=13	PASS
	Mid	64QAM	6.17	<=13	PASS
	High	QPSK	5.51	<=13	PASS
	High	16QAM	6.16	<=13	PASS
	High	64QAM	6.07	<=13	PASS
10	Low	QPSK	5.82	<=13	PASS
	Low	16QAM	6.40	<=13	PASS
	Low	64QAM	6.43	<=13	PASS
	Mid	QPSK	5.74	<=13	PASS
	Mid	16QAM	6.31	<=13	PASS
	Mid	64QAM	6.32	<=13	PASS
	High	QPSK	5.75	<=13	PASS
	High	16QAM	6.30	<=13	PASS
	High	64QAM	6.30	<=13	PASS

15	Low	QPSK	5.71	<=13	PASS
	Low	16QAM	6.31	<=13	PASS
	Low	64QAM	6.29	<=13	PASS
	Mid	QPSK	5.63	<=13	PASS
	Mid	16QAM	6.26	<=13	PASS
	Mid	64QAM	6.23	<=13	PASS
	High	QPSK	5.59	<=13	PASS
	High	16QAM	6.22	<=13	PASS
	High	64QAM	6.19	<=13	PASS
20	Low	QPSK	5.75	<=13	PASS
	Low	16QAM	6.42	<=13	PASS
	Low	64QAM	6.37	<=13	PASS
	Mid	QPSK	5.70	<=13	PASS
	Mid	16QAM	6.36	<=13	PASS
	Mid	64QAM	6.33	<=13	PASS
	High	QPSK	5.71	<=13	PASS
	High	16QAM	6.35	<=13	PASS
	High	64QAM	6.35	<=13	PASS

LTE Band 4					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	4.23	<=13	PASS
	Low	16QAM	5.18	<=13	PASS
	Low	64QAM	4.94	<=13	PASS
	Mid	QPSK	5.24	<=13	PASS
	Mid	16QAM	6.07	<=13	PASS
	Mid	64QAM	5.89	<=13	PASS
	High	QPSK	4.87	<=13	PASS
	High	16QAM	5.65	<=13	PASS
	High	64QAM	5.64	<=13	PASS
3	Low	QPSK	4.42	<=13	PASS
	Low	16QAM	5.15	<=13	PASS
	Low	64QAM	5.05	<=13	PASS
	Mid	QPSK	5.32	<=13	PASS
	Mid	16QAM	6.07	<=13	PASS
	Mid	64QAM	5.96	<=13	PASS
	High	QPSK	4.97	<=13	PASS
	High	16QAM	5.64	<=13	PASS
	High	64QAM	5.62	<=13	PASS
5	Low	QPSK	4.88	<=13	PASS
	Low	16QAM	5.57	<=13	PASS
	Low	64QAM	5.42	<=13	PASS
	Mid	QPSK	5.37	<=13	PASS
	Mid	16QAM	6.04	<=13	PASS
	Mid	64QAM	5.98	<=13	PASS
	High	QPSK	5.07	<=13	PASS
	High	16QAM	5.84	<=13	PASS
	High	64QAM	5.80	<=13	PASS
10	Low	QPSK	5.00	<=13	PASS
	Low	16QAM	5.78	<=13	PASS
	Low	64QAM	5.80	<=13	PASS
	Mid	QPSK	5.49	<=13	PASS
	Mid	16QAM	6.18	<=13	PASS
	Mid	64QAM	6.14	<=13	PASS
	High	QPSK	5.37	<=13	PASS
	High	16QAM	5.93	<=13	PASS
	High	64QAM	5.95	<=13	PASS

15	Low	QPSK	4.83	<=13	PASS
	Low	16QAM	5.60	<=13	PASS
	Low	64QAM	5.57	<=13	PASS
	Mid	QPSK	5.31	<=13	PASS
	Mid	16QAM	6.05	<=13	PASS
	Mid	64QAM	5.96	<=13	PASS
	High	QPSK	5.08	<=13	PASS
	High	16QAM	5.83	<=13	PASS
	High	64QAM	5.80	<=13	PASS
20	Low	QPSK	5.22	<=13	PASS
	Low	16QAM	5.94	<=13	PASS
	Low	64QAM	5.91	<=13	PASS
	Mid	QPSK	5.39	<=13	PASS
	Mid	16QAM	6.11	<=13	PASS
	Mid	64QAM	6.08	<=13	PASS
	High	QPSK	5.32	<=13	PASS
	High	16QAM	6.03	<=13	PASS
	High	64QAM	5.97	<=13	PASS

LTE Band 66					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	4.17	<=13	PASS
	Low	16QAM	5.11	<=13	PASS
	Low	64QAM	5.99	<=13	PASS
	Mid	QPSK	5.07	<=13	PASS
	Mid	16QAM	5.89	<=13	PASS
	Mid	64QAM	5.80	<=13	PASS
	High	QPSK	4.54	<=13	PASS
	High	16QAM	5.48	<=13	PASS
	High	64QAM	5.35	<=13	PASS
3	Low	QPSK	4.42	<=13	PASS
	Low	16QAM	5.19	<=13	PASS
	Low	64QAM	5.10	<=13	PASS
	Mid	QPSK	5.10	<=13	PASS
	Mid	16QAM	5.76	<=13	PASS
	Mid	64QAM	5.73	<=13	PASS
	High	QPSK	4.70	<=13	PASS
	High	16QAM	5.55	<=13	PASS
	High	64QAM	5.40	<=13	PASS
5	Low	QPSK	4.81	<=13	PASS
	Low	16QAM	5.39	<=13	PASS
	Low	64QAM	5.41	<=13	PASS
	Mid	QPSK	5.29	<=13	PASS
	Mid	16QAM	5.95	<=13	PASS
	Mid	64QAM	5.83	<=13	PASS
	High	QPSK	4.99	<=13	PASS
	High	16QAM	5.68	<=13	PASS
	High	64QAM	5.66	<=13	PASS
10	Low	QPSK	5.16	<=13	PASS
	Low	16QAM	5.76	<=13	PASS
	Low	64QAM	5.76	<=13	PASS
	Mid	QPSK	5.35	<=13	PASS
	Mid	16QAM	6.01	<=13	PASS
	Mid	64QAM	6.03	<=13	PASS
	High	QPSK	5.34	<=13	PASS
	High	16QAM	5.94	<=13	PASS
	High	64QAM	5.96	<=13	PASS

15	Low	QPSK	4.92	<=13	PASS
	Low	16QAM	5.57	<=13	PASS
	Low	64QAM	5.62	<=13	PASS
	Mid	QPSK	5.15	<=13	PASS
	Mid	16QAM	5.85	<=13	PASS
	Mid	64QAM	5.81	<=13	PASS
	High	QPSK	5.06	<=13	PASS
	High	16QAM	5.72	<=13	PASS
	High	64QAM	5.72	<=13	PASS
20	Low	QPSK	5.22	<=13	PASS
	Low	16QAM	5.90	<=13	PASS
	Low	64QAM	5.89	<=13	PASS
	Mid	QPSK	5.30	<=13	PASS
	Mid	16QAM	6.00	<=13	PASS
	Mid	64QAM	5.98	<=13	PASS
	High	QPSK	5.28	<=13	PASS
	High	16QAM	5.97	<=13	PASS
	High	64QAM	5.94	<=13	PASS

Band2 / 1.4MHz / Low CH / QPSK

Band2 / 1.4MHz / Low CH / 16QAM

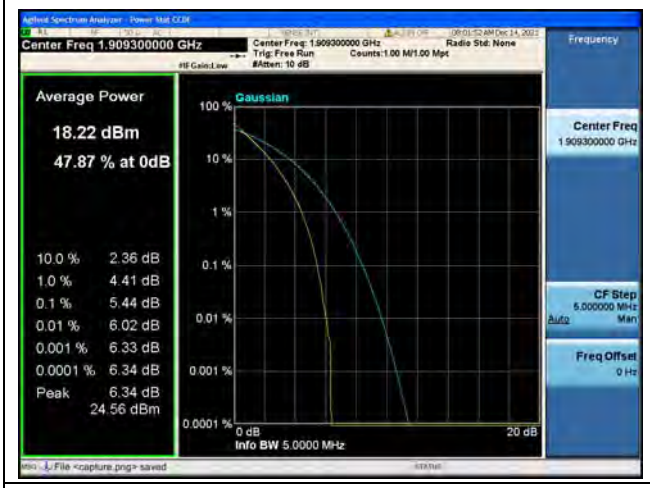
Band2 / 1.4MHz / Low CH / 64QAM

Band2 / 1.4MHz / Mid CH / QPSK

Band2 / 1.4MHz / Mid CH / 16QAM

Band2 / 1.4MHz / Mid CH / 64QAM

Band2 / 1.4MHz / High CH / QPSK



Band2 / 1.4MHz / High CH / 16QAM

Band2 / 1.4MHz / High CH / 64QAM

Band2 / 3MHz / Low CH / QPSK

Band2 / 3MHz / Low CH / 16QAM

Band2 / 3MHz / Low CH / 64QAM