



REPORT No. : SZ22070122W05

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : C5L 2021

BRAND NAME : BLU

FCC ID : YHLBLUC5L21B

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

RECEIPT DATE : 2022-07-12

TEST DATE : 2022-07-12 to 2022-07-29

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Edited by: Peng Mi
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Shen Junsheng (Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2022-08-01	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.:	5#	
Hardware Version:	A507-MB-V3.6A	
Software Version:	BLU_C0101WW_V11.0.G.05.02_LIB_07-04-2022 15:02	
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:	Fixed Internal Antenna	
Antenna Gain:	LTE Band 2	-1.90dBi
	LTE Band 4	-1.80dBi
	LTE Band 5	-1.60dBi
	LTE Band 7	-1.20dBi
	LTE Band 12	-2.00dBi
	LTE Band 17	-2.00dBi
	LTE Band 66	-1.80dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C775444200L
	Serial No.:	N/A
	Capacity:	2000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Shenzhen Aerospace Electronic Co., Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-FC-0750
	Serial No.:	N/A
	Rated Output:	5V=750mA
	Rated Input:	100-240V~50/60Hz, 0.2A
	Manufacturer:	Dongguan Fengcheng 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	0.135	0.119	0.117	18M0G7D	18M1W7D	18M0W7D
15	0.133	0.113	0.116	13M5G7D	13M5W7D	13M5W7D
10	0.132	0.122	0.112	9M01G7D	9M01W7D	9M01W7D
5	0.131	0.118	0.116	4M50G7D	4M50W7D	4M50W7D
3	0.132	0.120	0.115	2M72G7D	2M71W7D	2M73W7D
1.4	0.130	0.106	0.110	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	0.147	0.121	0.120	18M0G7D	18M0W7D	18M0W7D
15	0.146	0.115	0.119	13M5G7D	13M5W7D	13M5W7D
10	0.144	0.116	0.120	9M02G7D	8M99W7D	9M00W7D
5	0.143	0.122	0.119	4M50G7D	4M50W7D	4M50W7D
3	0.146	0.121	0.119	2M72G7D	2M72W7D	2M73W7D
1.4	0.145	0.119	0.119	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	0.095	0.075	0.075	9M02G7D	8M98W7D	8M99W7D
5	0.094	0.077	0.074	4M50G7D	4M50W7D	4M50W7D
3	0.094	0.076	0.074	2M72G7D	2M72W7D	2M72W7D
1.4	0.095	0.077	0.073	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	0.065	0.053	0.052	18M0G7D	18M0W7D	18M0W7D
15	0.064	0.057	0.052	13M5G7D	13M5W7D	13M5W7D
10	0.063	0.055	0.054	9M02G7D	8M97W7D	8M99W7D
5	0.063	0.051	0.052	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	0.086	0.069	0.070	9M04G7D	8M98W7D	9M00W7D
5	0.085	0.069	0.069	4M51G7D	4M50W7D	4M50W7D
3	0.085	0.072	0.068	2M72G7D	2M72W7D	2M72W7D
1.4	0.084	0.071	0.066	1M10G7D	1M10W7D	1M10W7D



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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	0.070	0.069	9M00G7D	8M98W7D	8M99W7D
5	0.082	0.072	0.069	4M51G7D	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	0.151	0.117	0.123	18M0G7D	18M0W7D	18M0W7D
15	0.146	0.119	0.122	13M5G7D	13M5W7D	13M5W7D
10	0.147	0.125	0.121	9M01G7D	8M98W7D	9M00W7D
5	0.145	0.121	0.120	4M50G7D	4M51W7D	4M50W7D
3	0.144	0.116	0.120	2M72G7D	2M72W7D	2M72W7D
1.4	0.145	0.119	0.121	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.	Jul. 13, 2022	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Jul. 14, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jul. 14, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jul. 14, 2022	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	Jul. 14, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Jul. 13&14, 2022	Li Huaijie	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jul. 29, 2022	Lin Jiayong	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.

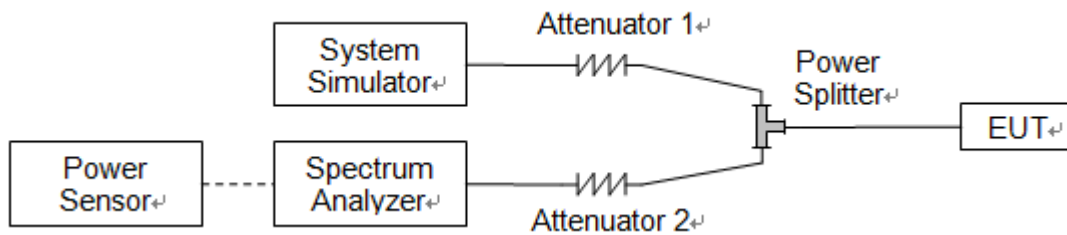
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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

According to FCC section 27.50 (h)(2) for LTE Band 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	23.17	23.20	23.14
20	QPSK	1	49	23.15	23.09	23.02
20	QPSK	1	99	23.09	23.05	23.03
20	QPSK	50	0	22.25	22.34	22.27
20	QPSK	50	24	22.26	22.31	22.31
20	QPSK	50	50	22.31	22.27	22.33
20	QPSK	100	0	22.24	22.33	22.29
20	16QAM	1	0	22.30	22.30	22.32
20	16QAM	1	49	22.14	22.44	22.40
20	16QAM	1	99	22.39	22.24	22.64
20	16QAM	50	0	22.32	22.29	22.27
20	16QAM	50	24	22.28	22.33	22.34
20	16QAM	50	50	22.36	22.33	22.40
20	16QAM	100	0	22.39	22.40	22.27
20	64QAM	1	0	22.34	22.53	22.27
20	64QAM	1	49	22.29	22.47	22.38
20	64QAM	1	99	22.24	22.57	22.57
20	64QAM	50	0	22.34	22.26	22.31
20	64QAM	50	24	22.37	22.31	22.36
20	64QAM	50	50	22.36	22.37	22.31
20	64QAM	100	0	22.24	22.21	22.22



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				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.98	23.01	22.92
15	QPSK	1	37	22.77	23.13	23.01
15	QPSK	1	74	23.14	23.06	23.14
15	QPSK	36	0	22.11	22.20	22.19
15	QPSK	36	20	22.10	22.29	22.26
15	QPSK	36	39	22.22	22.23	22.20
15	QPSK	75	0	22.14	22.20	22.16
15	16QAM	1	0	22.23	22.31	22.25
15	16QAM	1	37	22.36	22.39	22.25
15	16QAM	1	74	22.31	22.43	22.43
15	16QAM	36	0	22.10	22.15	22.18
15	16QAM	36	20	22.19	22.12	22.25
15	16QAM	36	39	22.24	22.33	22.30
15	16QAM	75	0	22.11	22.13	22.22
15	64QAM	1	0	22.31	22.07	22.13
15	64QAM	1	37	22.30	22.11	22.53
15	64QAM	1	74	22.19	22.23	22.38
15	64QAM	36	0	22.04	22.21	22.09
15	64QAM	36	20	22.24	22.26	22.16
15	64QAM	36	39	22.12	22.17	22.26
15	64QAM	75	0	22.11	22.18	22.17



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.02	23.01	23.11
10	QPSK	1	25	23.06	23.09	23.04
10	QPSK	1	49	23.02	23.03	23.02
10	QPSK	25	0	22.29	22.30	22.26
10	QPSK	25	12	22.25	22.37	22.30
10	QPSK	25	25	22.16	22.29	22.25
10	QPSK	50	0	22.22	22.31	22.29
10	16QAM	1	0	22.70	22.63	22.62
10	16QAM	1	25	22.39	22.35	22.42
10	16QAM	1	49	22.34	22.42	22.21
10	16QAM	25	0	22.24	22.23	22.20
10	16QAM	25	12	22.40	22.20	22.20
10	16QAM	25	25	22.20	22.40	22.50
10	16QAM	50	0	22.77	22.70	22.74
10	64QAM	1	0	22.28	22.33	22.33
10	64QAM	1	25	22.31	22.36	22.40
10	64QAM	1	49	21.98	22.11	22.08
10	64QAM	25	0	22.28	22.32	22.33
10	64QAM	25	12	22.31	22.29	22.30
10	64QAM	25	25	22.24	22.02	22.24
10	64QAM	50	0	22.25	22.25	22.22



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				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.02	23.07	23.01
5	QPSK	1	12	23.01	22.96	22.99
5	QPSK	1	24	22.97	23.05	23.06
5	QPSK	12	0	22.14	22.05	22.12
5	QPSK	12	7	22.15	22.20	22.12
5	QPSK	12	13	22.14	22.13	22.16
5	QPSK	25	0	22.13	22.11	22.13
5	16QAM	1	0	22.26	22.16	22.54
5	16QAM	1	12	22.24	22.17	22.54
5	16QAM	1	24	22.27	22.14	22.53
5	16QAM	12	0	22.36	22.50	22.36
5	16QAM	12	7	22.26	22.26	22.06
5	16QAM	12	13	22.06	22.39	22.16
5	16QAM	25	0	22.16	22.62	22.60
5	64QAM	1	0	22.36	22.08	22.13
5	64QAM	1	12	22.52	22.18	22.29
5	64QAM	1	24	22.53	22.17	22.19
5	64QAM	12	0	22.18	22.11	22.10
5	64QAM	12	7	22.24	22.08	22.08
5	64QAM	12	13	22.21	22.17	22.15
5	64QAM	25	0	22.28	22.08	22.15



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	22.96	23.03	22.95
3	QPSK	1	8	23.06	23.09	22.92
3	QPSK	1	14	23.07	22.94	22.94
3	QPSK	8	0	22.02	21.97	21.99
3	QPSK	8	4	22.08	22.02	22.03
3	QPSK	8	7	22.08	22.02	21.98
3	QPSK	15	0	22.00	22.08	22.01
3	16QAM	1	0	22.16	22.07	22.01
3	16QAM	1	8	22.20	22.14	22.10
3	16QAM	1	14	22.13	22.10	21.98
3	16QAM	8	0	22.56	22.69	22.61
3	16QAM	8	4	22.63	22.60	22.66
3	16QAM	8	7	22.53	22.58	22.61
3	16QAM	15	0	22.56	22.60	22.55
3	64QAM	1	0	22.09	22.02	22.05
3	64QAM	1	8	22.51	22.50	22.10
3	64QAM	1	14	22.12	22.48	22.12
3	64QAM	8	0	22.04	22.06	21.90
3	64QAM	8	4	22.14	22.04	22.04
3	64QAM	8	7	22.24	22.13	21.99
3	64QAM	15	0	22.09	22.09	22.07



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.02	23.05	23.00
1.4	QPSK	1	3	22.92	22.90	22.89
1.4	QPSK	1	5	22.89	22.87	22.85
1.4	QPSK	3	0	22.89	22.89	22.85
1.4	QPSK	3	1	22.93	22.90	22.88
1.4	QPSK	3	3	22.95	22.99	22.88
1.4	QPSK	6	0	21.98	21.96	21.95
1.4	16QAM	1	0	22.01	22.01	21.95
1.4	16QAM	1	3	21.97	22.17	22.15
1.4	16QAM	1	5	21.85	22.05	21.73
1.4	16QAM	3	0	21.87	21.92	21.89
1.4	16QAM	3	1	22.05	21.87	21.92
1.4	16QAM	3	3	22.07	22.04	21.78
1.4	16QAM	6	0	22.08	22.01	21.96
1.4	64QAM	1	0	21.96	21.88	21.91
1.4	64QAM	1	3	21.98	22.19	22.07
1.4	64QAM	1	5	21.96	22.31	21.90
1.4	64QAM	3	0	21.99	22.05	22.06
1.4	64QAM	3	1	22.08	22.05	22.26
1.4	64QAM	3	3	22.00	22.14	21.91
1.4	64QAM	6	0	22.05	22.08	21.97



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.40	23.48	23.47
20	QPSK	1	49	23.26	23.34	23.33
20	QPSK	1	99	23.18	23.31	23.43
20	QPSK	50	0	22.56	22.60	22.57
20	QPSK	50	24	22.47	22.55	22.55
20	QPSK	50	50	22.36	22.47	22.48
20	QPSK	100	0	22.46	22.50	22.57
20	16QAM	1	0	22.12	22.42	22.29
20	16QAM	1	49	22.27	22.04	22.18
20	16QAM	1	99	22.06	22.28	22.12
20	16QAM	50	0	22.25	22.18	22.32
20	16QAM	50	24	22.51	22.62	22.51
20	16QAM	50	50	22.47	22.48	22.48
20	16QAM	100	0	22.49	22.57	22.58
20	64QAM	1	0	22.23	22.34	22.56
20	64QAM	1	49	22.27	22.20	22.08
20	64QAM	1	99	22.54	22.11	22.58
20	64QAM	50	0	22.24	22.33	22.28
20	64QAM	50	24	22.26	22.37	22.31
20	64QAM	50	50	22.30	22.25	22.27
20	64QAM	100	0	22.33	22.31	22.40



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.27	23.31	23.41
15	QPSK	1	37	23.31	23.40	23.32
15	QPSK	1	74	23.18	23.40	23.43
15	QPSK	36	0	22.41	22.48	22.51
15	QPSK	36	20	22.45	22.58	22.54
15	QPSK	36	39	22.50	22.49	22.58
15	QPSK	75	0	22.45	22.47	22.48
15	16QAM	1	0	22.18	22.40	22.12
15	16QAM	1	37	22.26	22.26	22.10
15	16QAM	1	74	22.12	22.42	22.21
15	16QAM	36	0	22.13	22.15	22.34
15	16QAM	36	20	22.08	22.15	22.21
15	16QAM	36	39	22.04	22.13	22.19
15	16QAM	75	0	22.15	22.16	22.25
15	64QAM	1	0	22.10	22.41	22.46
15	64QAM	1	37	22.52	22.28	22.34
15	64QAM	1	74	22.56	22.27	22.31
15	64QAM	36	0	22.21	22.28	22.32
15	64QAM	36	20	22.27	22.29	22.31
15	64QAM	36	39	22.30	22.26	22.28
15	64QAM	75	0	22.23	22.34	22.27



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.39	23.38	23.21
10	QPSK	1	25	23.37	23.30	23.31
10	QPSK	1	49	23.25	23.08	23.31
10	QPSK	25	0	22.24	22.46	22.48
10	QPSK	25	12	22.36	22.42	22.46
10	QPSK	25	25	22.25	22.36	22.43
10	QPSK	50	0	22.31	22.41	22.33
10	16QAM	1	0	22.09	22.24	22.00
10	16QAM	1	25	22.36	22.10	22.42
10	16QAM	1	49	22.43	22.33	22.32
10	16QAM	25	0	22.09	22.08	22.07
10	16QAM	25	12	22.01	22.11	22.08
10	16QAM	25	25	22.35	22.26	22.35
10	16QAM	50	0	22.29	22.33	22.45
10	64QAM	1	0	22.15	22.23	22.13
10	64QAM	1	25	22.22	22.51	22.60
10	64QAM	1	49	22.20	22.24	22.19
10	64QAM	25	0	22.04	22.18	22.17
10	64QAM	25	12	22.13	22.24	22.28
10	64QAM	25	25	22.01	22.13	22.15
10	64QAM	50	0	22.07	22.14	22.13



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.36	23.31	23.36
5	QPSK	1	12	23.35	23.30	23.27
5	QPSK	1	24	23.10	23.22	23.21
5	QPSK	12	0	22.32	22.32	22.36
5	QPSK	12	7	22.32	22.43	22.40
5	QPSK	12	13	22.27	22.44	22.36
5	QPSK	25	0	22.30	22.34	22.40
5	16QAM	1	0	22.20	22.61	22.29
5	16QAM	1	12	22.31	22.66	22.25
5	16QAM	1	24	22.25	22.60	22.20
5	16QAM	12	0	22.24	22.18	22.21
5	16QAM	12	7	22.27	22.31	22.29
5	16QAM	12	13	22.33	22.40	22.44
5	16QAM	25	0	22.34	22.45	22.38
5	64QAM	1	0	22.11	22.55	22.53
5	64QAM	1	12	22.49	22.25	22.52
5	64QAM	1	24	22.45	22.15	22.22
5	64QAM	12	0	22.12	22.19	22.21
5	64QAM	12	7	22.11	22.20	22.26
5	64QAM	12	13	22.12	22.18	22.17
5	64QAM	25	0	22.28	22.42	22.33



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.21	23.22	23.34
3	QPSK	1	8	23.30	23.44	23.38
3	QPSK	1	14	23.10	23.29	23.29
3	QPSK	8	0	22.30	22.36	22.37
3	QPSK	8	4	22.36	22.44	22.46
3	QPSK	8	7	22.32	22.42	22.42
3	QPSK	15	0	22.32	22.38	22.32
3	16QAM	1	0	22.40	22.49	22.53
3	16QAM	1	8	22.62	22.62	22.36
3	16QAM	1	14	22.53	22.31	22.39
3	16QAM	8	0	22.32	22.33	22.42
3	16QAM	8	4	22.42	22.42	22.43
3	16QAM	8	7	22.43	22.51	22.55
3	16QAM	15	0	22.43	22.41	22.48
3	64QAM	1	0	22.10	22.19	22.17
3	64QAM	1	8	22.29	22.17	22.33
3	64QAM	1	14	22.10	22.17	22.00
3	64QAM	8	0	22.29	22.33	22.27
3	64QAM	8	4	22.41	22.39	22.43
3	64QAM	8	7	22.35	22.42	22.54
3	64QAM	15	0	22.31	22.39	22.30



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				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.36	23.41	23.39
1.4	QPSK	1	3	23.30	23.30	23.34
1.4	QPSK	1	5	23.16	23.25	23.27
1.4	QPSK	3	0	23.24	23.21	23.20
1.4	QPSK	3	1	23.20	23.30	23.35
1.4	QPSK	3	3	23.19	23.26	23.25
1.4	QPSK	6	0	22.35	22.37	22.33
1.4	16QAM	1	0	22.08	22.55	22.21
1.4	16QAM	1	3	22.21	22.29	22.33
1.4	16QAM	1	5	22.27	22.43	22.23
1.4	16QAM	3	0	22.30	22.34	22.25
1.4	16QAM	3	1	22.31	22.34	22.36
1.4	16QAM	3	3	22.30	22.42	22.31
1.4	16QAM	6	0	22.21	22.22	22.13
1.4	64QAM	1	0	22.20	22.14	22.28
1.4	64QAM	1	3	22.46	22.44	22.56
1.4	64QAM	1	5	22.37	22.33	22.17
1.4	64QAM	3	0	22.28	22.26	22.45
1.4	64QAM	3	1	22.19	22.34	22.31
1.4	64QAM	3	3	22.25	22.42	22.30
1.4	64QAM	6	0	22.24	22.25	22.32



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.53	23.54	23.46
10	QPSK	1	25	23.39	23.42	23.22
10	QPSK	1	49	23.31	23.43	23.11
10	QPSK	25	0	22.62	22.64	22.45
10	QPSK	25	12	22.38	22.40	22.45
10	QPSK	25	25	22.38	22.49	22.54
10	QPSK	50	0	22.44	22.32	22.46
10	16QAM	1	0	22.25	22.44	22.15
10	16QAM	1	25	22.48	22.51	22.19
10	16QAM	1	49	22.31	22.37	22.44
10	16QAM	25	0	22.40	22.41	22.23
10	16QAM	25	12	22.34	22.42	22.20
10	16QAM	25	25	22.37	22.30	22.33
10	16QAM	50	0	22.38	22.29	22.19
10	64QAM	1	0	22.34	22.44	22.32
10	64QAM	1	25	22.31	22.51	22.31
10	64QAM	1	49	22.20	22.42	22.33
10	64QAM	25	0	22.31	22.42	22.09
10	64QAM	25	12	22.30	22.47	22.18
10	64QAM	25	25	22.42	22.31	22.01
10	64QAM	50	0	22.38	22.34	22.20



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.48	23.44	23.42
5	QPSK	1	12	23.38	23.49	23.33
5	QPSK	1	24	23.38	23.33	23.33
5	QPSK	12	0	22.53	22.58	22.44
5	QPSK	12	7	22.60	22.61	22.53
5	QPSK	12	13	22.65	22.49	22.44
5	QPSK	25	0	22.56	22.52	22.44
5	16QAM	1	0	22.62	22.55	22.31
5	16QAM	1	12	22.32	22.54	22.30
5	16QAM	1	24	22.19	22.54	22.37
5	16QAM	12	0	22.28	22.37	22.36
5	16QAM	12	7	22.35	22.38	22.20
5	16QAM	12	13	22.35	22.26	22.31
5	16QAM	25	0	22.36	22.41	22.36
5	64QAM	1	0	22.43	22.31	22.42
5	64QAM	1	12	22.31	22.25	22.39
5	64QAM	1	24	22.45	22.29	22.23
5	64QAM	12	0	22.17	22.31	22.11
5	64QAM	12	7	22.21	22.37	22.15
5	64QAM	12	13	22.39	22.34	21.91
5	64QAM	25	0	22.27	22.34	21.95



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.47	23.48	23.33
3	QPSK	1	8	23.43	23.44	23.35
3	QPSK	1	14	23.44	23.42	23.16
3	QPSK	8	0	22.46	22.59	22.57
3	QPSK	8	4	22.60	22.66	22.63
3	QPSK	8	7	22.55	22.57	22.44
3	QPSK	15	0	22.53	22.59	22.58
3	16QAM	1	0	22.32	22.43	22.50
3	16QAM	1	8	22.25	22.51	22.35
3	16QAM	1	14	22.30	22.56	22.31
3	16QAM	8	0	22.26	22.35	22.09
3	16QAM	8	4	22.42	22.53	22.10
3	16QAM	8	7	22.34	22.40	22.14
3	16QAM	15	0	22.28	22.30	21.85
3	64QAM	1	0	22.23	22.11	22.32
3	64QAM	1	8	22.11	22.35	22.11
3	64QAM	1	14	22.13	22.31	22.12
3	64QAM	8	0	22.23	22.33	22.31
3	64QAM	8	4	22.45	22.29	22.23
3	64QAM	8	7	22.40	22.32	22.29
3	64QAM	15	0	22.29	22.39	22.19



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.48	23.45	23.49
1.4	QPSK	1	3	23.51	23.44	23.51
1.4	QPSK	1	5	23.40	23.34	23.35
1.4	QPSK	3	0	23.41	23.47	23.43
1.4	QPSK	3	1	23.47	23.34	23.44
1.4	QPSK	3	3	23.48	23.40	23.40
1.4	QPSK	6	0	22.51	22.50	22.49
1.4	16QAM	1	0	22.41	22.22	22.39
1.4	16QAM	1	3	22.21	22.45	22.34
1.4	16QAM	1	5	22.60	22.28	22.34
1.4	16QAM	3	0	22.13	22.11	22.25
1.4	16QAM	3	1	22.16	22.43	22.29
1.4	16QAM	3	3	22.24	22.35	22.23
1.4	16QAM	6	0	22.43	22.30	22.34
1.4	64QAM	1	0	21.96	22.13	22.15
1.4	64QAM	1	3	22.27	22.28	22.23
1.4	64QAM	1	5	22.22	22.21	22.09
1.4	64QAM	3	0	21.88	22.15	22.16
1.4	64QAM	3	1	22.16	22.10	22.11
1.4	64QAM	3	3	22.06	22.23	22.27
1.4	64QAM	6	0	22.27	22.39	22.28



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	19.35	19.36	19.28
20	QPSK	1	49	19.30	19.34	19.23
20	QPSK	1	99	19.25	19.20	19.25
20	QPSK	50	0	18.41	18.48	18.45
20	QPSK	50	24	18.17	18.14	18.04
20	QPSK	50	50	18.27	18.30	18.27
20	QPSK	100	0	18.22	18.24	18.21
20	16QAM	1	0	18.03	18.13	18.31
20	16QAM	1	49	18.18	18.04	18.32
20	16QAM	1	99	18.12	18.43	18.08
20	16QAM	50	0	17.97	18.07	18.00
20	16QAM	50	24	18.17	18.09	18.20
20	16QAM	50	50	18.25	18.30	18.13
20	16QAM	100	0	18.13	18.25	18.23
20	64QAM	1	0	18.01	18.17	18.19
20	64QAM	1	49	18.29	18.26	18.31
20	64QAM	1	99	18.27	18.32	18.23
20	64QAM	50	0	18.21	18.22	18.27
20	64QAM	50	24	18.26	18.27	18.27
20	64QAM	50	50	18.30	18.37	18.22
20	64QAM	100	0	18.23	18.20	18.32



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	19.18	19.27	19.27
15	QPSK	1	37	19.28	19.25	19.29
15	QPSK	1	74	19.22	19.29	19.29
15	QPSK	36	0	18.00	18.09	18.11
15	QPSK	36	20	18.08	18.15	18.10
15	QPSK	36	39	18.11	18.14	18.18
15	QPSK	75	0	18.17	18.10	18.12
15	16QAM	1	0	18.53	18.64	18.71
15	16QAM	1	37	18.50	18.61	18.59
15	16QAM	1	74	18.54	18.54	18.76
15	16QAM	36	0	18.13	18.24	18.26
15	16QAM	36	20	18.20	18.23	18.22
15	16QAM	36	39	18.26	18.24	18.13
15	16QAM	75	0	18.21	18.29	18.21
15	64QAM	1	0	18.11	18.08	17.96
15	64QAM	1	37	18.01	18.16	18.25
15	64QAM	1	74	18.00	18.12	18.18
15	64QAM	36	0	18.19	18.27	18.26
15	64QAM	36	20	18.30	18.29	18.36
15	64QAM	36	39	18.34	18.25	18.27
15	64QAM	75	0	18.19	18.29	18.24



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	19.17	19.04	19.07
10	QPSK	1	25	19.20	19.10	19.12
10	QPSK	1	49	19.13	19.10	19.12
10	QPSK	25	0	17.92	17.92	17.91
10	QPSK	25	12	17.88	18.00	18.05
10	QPSK	25	25	17.81	17.99	17.99
10	QPSK	50	0	17.90	18.02	18.01
10	16QAM	1	0	18.15	18.33	18.18
10	16QAM	1	25	18.14	18.16	18.21
10	16QAM	1	49	18.61	18.51	18.42
10	16QAM	25	0	18.04	17.92	18.00
10	16QAM	25	12	18.01	18.18	18.11
10	16QAM	25	25	18.06	18.09	18.01
10	16QAM	50	0	18.09	18.18	18.03
10	64QAM	1	0	18.11	18.07	18.05
10	64QAM	1	25	18.14	18.39	18.22
10	64QAM	1	49	18.25	18.49	18.30
10	64QAM	25	0	18.11	18.09	18.13
10	64QAM	25	12	18.13	18.24	18.17
10	64QAM	25	25	18.06	17.96	17.95
10	64QAM	50	0	18.00	18.06	17.98



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	19.21	19.12	19.02
5	QPSK	1	12	19.08	19.01	19.09
5	QPSK	1	24	19.02	19.08	19.12
5	QPSK	12	0	18.17	18.25	18.17
5	QPSK	12	7	18.24	18.39	18.31
5	QPSK	12	13	18.26	18.42	18.27
5	QPSK	25	0	18.27	18.28	18.23
5	16QAM	1	0	18.00	17.98	18.04
5	16QAM	1	12	18.05	18.27	18.17
5	16QAM	1	24	18.11	18.30	18.12
5	16QAM	12	0	18.02	18.08	17.99
5	16QAM	12	7	18.06	18.08	18.04
5	16QAM	12	13	18.06	18.12	18.25
5	16QAM	25	0	18.03	18.08	18.10
5	64QAM	1	0	18.21	18.26	18.22
5	64QAM	1	12	18.26	18.38	18.26
5	64QAM	1	24	18.30	18.40	18.36
5	64QAM	12	0	18.01	17.98	18.03
5	64QAM	12	7	18.10	18.15	17.94
5	64QAM	12	13	18.05	18.14	18.00
5	64QAM	25	0	18.00	17.99	18.04



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	23.35	23.51	23.40
10	QPSK	1	25	23.21	23.34	23.37
10	QPSK	1	49	23.31	23.32	23.31
10	QPSK	25	0	22.60	22.70	22.61
10	QPSK	25	12	22.57	22.51	22.30
10	QPSK	25	25	22.62	22.68	22.61
10	QPSK	50	0	22.63	22.65	22.56
10	16QAM	1	0	22.56	22.11	22.24
10	16QAM	1	25	22.31	22.26	22.40
10	16QAM	1	49	22.40	22.45	22.34
10	16QAM	25	0	22.29	22.31	22.25
10	16QAM	25	12	22.33	22.37	22.26
10	16QAM	25	25	22.38	22.39	22.33
10	16QAM	50	0	22.28	22.36	22.41
10	64QAM	1	0	22.13	22.25	22.59
10	64QAM	1	25	22.57	22.63	22.22
10	64QAM	1	49	22.59	22.27	22.20
10	64QAM	25	0	22.10	22.04	22.01
10	64QAM	25	12	22.15	22.18	22.10
10	64QAM	25	25	22.20	22.17	22.17
10	64QAM	50	0	22.12	22.05	22.16



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.10	23.43	23.21
5	QPSK	1	12	23.26	23.42	23.26
5	QPSK	1	24	23.22	23.41	23.27
5	QPSK	12	0	22.33	22.40	22.39
5	QPSK	12	7	22.44	22.46	22.43
5	QPSK	12	13	22.39	22.42	22.39
5	QPSK	25	0	22.35	22.47	22.43
5	16QAM	1	0	22.36	22.38	22.40
5	16QAM	1	12	22.53	22.48	22.49
5	16QAM	1	24	22.49	22.47	22.43
5	16QAM	12	0	22.23	22.20	22.23
5	16QAM	12	7	22.37	22.42	22.26
5	16QAM	12	13	22.32	22.29	22.34
5	16QAM	25	0	22.33	22.29	22.31
5	64QAM	1	0	22.11	22.12	22.17
5	64QAM	1	12	22.56	22.26	22.19
5	64QAM	1	24	22.54	22.23	22.28
5	64QAM	12	0	22.08	22.10	22.05
5	64QAM	12	7	22.18	22.06	22.12
5	64QAM	12	13	22.05	22.15	22.20
5	64QAM	25	0	22.20	22.16	22.13



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.18	23.45	23.12
3	QPSK	1	8	23.36	23.35	23.25
3	QPSK	1	14	23.30	23.41	23.36
3	QPSK	8	0	22.41	22.39	22.39
3	QPSK	8	4	22.44	22.47	22.48
3	QPSK	8	7	22.39	22.47	22.41
3	QPSK	15	0	22.38	22.46	22.32
3	16QAM	1	0	22.39	22.75	22.34
3	16QAM	1	8	22.59	22.57	22.52
3	16QAM	1	14	22.42	22.47	22.33
3	16QAM	8	0	22.39	22.28	22.31
3	16QAM	8	4	22.44	22.41	22.52
3	16QAM	8	7	22.28	22.31	22.37
3	16QAM	15	0	22.26	22.19	22.18
3	64QAM	1	0	22.12	22.46	22.45
3	64QAM	1	8	22.41	22.31	22.32
3	64QAM	1	14	22.34	22.19	22.30
3	64QAM	8	0	22.01	22.09	22.00
3	64QAM	8	4	22.10	22.14	22.13
3	64QAM	8	7	22.09	22.01	22.16
3	64QAM	15	0	22.08	22.10	22.02



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.21	23.38	23.18
1.4	QPSK	1	3	23.32	23.31	23.33
1.4	QPSK	1	5	23.21	23.26	23.22
1.4	QPSK	3	0	23.16	23.29	23.27
1.4	QPSK	3	1	23.37	23.37	23.04
1.4	QPSK	3	3	23.32	23.34	23.30
1.4	QPSK	6	0	22.38	22.35	22.33
1.4	16QAM	1	0	22.42	22.36	22.21
1.4	16QAM	1	3	22.23	22.66	22.33
1.4	16QAM	1	5	22.35	22.36	22.35
1.4	16QAM	3	0	22.19	22.22	22.23
1.4	16QAM	3	1	22.35	22.43	22.27
1.4	16QAM	3	3	22.18	22.32	22.32
1.4	16QAM	6	0	22.11	22.31	22.21
1.4	64QAM	1	0	21.96	22.11	21.95
1.4	64QAM	1	3	22.08	22.01	22.06
1.4	64QAM	1	5	22.24	22.27	22.23
1.4	64QAM	3	0	22.14	22.15	21.98
1.4	64QAM	3	1	22.12	22.36	22.21
1.4	64QAM	3	3	22.14	21.98	22.14
1.4	64QAM	6	0	22.10	22.11	21.98



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.33	23.36	23.33
10	QPSK	1	25	23.21	23.17	23.23
10	QPSK	1	49	23.14	23.17	23.12
10	QPSK	25	0	22.44	22.50	22.42
10	QPSK	25	12	22.29	22.23	22.37
10	QPSK	25	25	22.27	22.27	22.36
10	QPSK	50	0	22.40	22.27	22.28
10	16QAM	1	0	22.28	22.47	22.61
10	16QAM	1	25	22.49	22.54	22.38
10	16QAM	1	49	22.45	22.46	22.51
10	16QAM	25	0	22.39	22.39	22.38
10	16QAM	25	12	22.45	22.36	22.34
10	16QAM	25	25	22.28	22.30	22.35
10	16QAM	50	0	22.32	22.37	22.34
10	64QAM	1	0	22.29	22.38	22.06
10	64QAM	1	25	22.52	22.18	22.08
10	64QAM	1	49	22.26	22.05	22.05
10	64QAM	25	0	22.44	22.37	22.35
10	64QAM	25	12	22.36	22.20	22.37
10	64QAM	25	25	22.30	22.27	22.43
10	64QAM	50	0	22.37	22.36	22.37



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.27	23.23	23.19
5	QPSK	1	12	23.26	23.22	23.21
5	QPSK	1	24	23.18	23.24	23.23
5	QPSK	12	0	22.34	22.52	22.68
5	QPSK	12	7	22.46	22.55	22.63
5	QPSK	12	13	22.29	22.57	22.63
5	QPSK	25	0	22.17	22.34	22.47
5	16QAM	1	0	22.50	22.55	22.27
5	16QAM	1	12	22.67	22.23	22.60
5	16QAM	1	24	22.51	22.56	22.72
5	16QAM	12	0	22.10	22.13	22.34
5	16QAM	12	7	22.25	22.32	22.44
5	16QAM	12	13	22.16	22.41	22.44
5	16QAM	25	0	22.26	22.38	22.42
5	64QAM	1	0	22.06	22.07	22.07
5	64QAM	1	12	22.10	22.07	22.15
5	64QAM	1	24	22.15	22.15	22.07
5	64QAM	12	0	22.21	22.26	22.50
5	64QAM	12	7	22.34	22.42	22.36
5	64QAM	12	13	22.19	22.37	22.39
5	64QAM	25	0	22.16	22.35	22.51



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.53	23.59	23.57
20	QPSK	1	49	23.38	23.37	23.33
20	QPSK	1	99	23.31	23.30	23.33
20	QPSK	50	0	22.64	22.71	22.67
20	QPSK	50	24	22.45	22.47	22.60
20	QPSK	50	50	22.49	22.57	22.45
20	QPSK	100	0	22.47	22.47	22.39
20	16QAM	1	0	22.27	22.03	22.31
20	16QAM	1	49	22.32	22.06	22.12
20	16QAM	1	99	22.32	22.50	22.29
20	16QAM	50	0	22.44	22.41	22.38
20	16QAM	50	24	22.33	22.33	22.34
20	16QAM	50	50	22.30	22.22	22.18
20	16QAM	100	0	22.26	22.29	22.35
20	64QAM	1	0	22.59	22.36	22.69
20	64QAM	1	49	22.20	22.53	22.52
20	64QAM	1	99	22.43	22.55	22.63
20	64QAM	50	0	22.39	22.29	22.42
20	64QAM	50	24	22.33	22.27	22.39
20	64QAM	50	50	22.51	22.39	22.45
20	64QAM	100	0	22.50	22.50	22.48



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.39	23.43	23.41
15	QPSK	1	37	23.43	23.39	23.37
15	QPSK	1	74	23.37	23.33	23.31
15	QPSK	36	0	22.58	22.55	22.59
15	QPSK	36	20	22.58	22.50	22.60
15	QPSK	36	39	22.44	22.49	22.46
15	QPSK	75	0	22.53	22.57	22.50
15	16QAM	1	0	22.27	22.14	22.44
15	16QAM	1	37	22.14	22.44	22.37
15	16QAM	1	74	22.24	22.14	22.14
15	16QAM	36	0	22.45	22.45	22.36
15	16QAM	36	20	22.48	22.47	22.53
15	16QAM	36	39	22.40	22.55	22.49
15	16QAM	75	0	22.50	22.48	22.44
15	64QAM	1	0	22.65	22.55	22.65
15	64QAM	1	37	22.67	22.45	22.55
15	64QAM	1	74	22.32	22.58	22.65
15	64QAM	36	0	22.44	22.43	22.56
15	64QAM	36	20	22.54	22.50	22.51
15	64QAM	36	39	22.59	22.53	22.57
15	64QAM	75	0	22.61	22.63	22.60



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.42	23.42	23.43
10	QPSK	1	25	23.32	23.30	23.38
10	QPSK	1	49	23.46	23.34	23.24
10	QPSK	25	0	22.89	22.82	22.89
10	QPSK	25	12	22.86	23.05	22.83
10	QPSK	25	25	22.82	22.78	22.70
10	QPSK	50	0	22.90	22.75	22.94
10	16QAM	1	0	22.57	22.57	22.77
10	16QAM	1	25	22.57	22.66	22.78
10	16QAM	1	49	22.40	22.60	22.48
10	16QAM	25	0	22.41	22.58	22.46
10	16QAM	25	12	22.40	22.60	22.51
10	16QAM	25	25	22.31	22.36	22.36
10	16QAM	50	0	22.31	22.35	22.36
10	64QAM	1	0	22.64	22.64	22.31
10	64QAM	1	25	22.31	22.44	22.34
10	64QAM	1	49	22.31	22.31	22.31
10	64QAM	25	0	22.48	22.46	22.48
10	64QAM	25	12	22.47	22.51	22.55
10	64QAM	25	25	22.47	22.40	22.42
10	64QAM	50	0	22.37	22.47	22.48



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.31	23.34	23.39
5	QPSK	1	12	23.34	23.34	23.33
5	QPSK	1	24	23.42	23.32	23.38
5	QPSK	12	0	22.58	22.60	22.56
5	QPSK	12	7	22.60	22.68	22.61
5	QPSK	12	13	22.46	22.52	22.53
5	QPSK	25	0	22.56	22.57	22.56
5	16QAM	1	0	22.64	22.33	22.34
5	16QAM	1	12	22.27	22.56	22.51
5	16QAM	1	24	22.39	22.28	22.63
5	16QAM	12	0	22.28	22.39	22.35
5	16QAM	12	7	22.45	22.37	22.49
5	16QAM	12	13	22.36	22.30	22.37
5	16QAM	25	0	22.37	22.39	22.31
5	64QAM	1	0	22.15	22.55	22.35
5	64QAM	1	12	22.45	22.45	22.45
5	64QAM	1	24	22.28	22.32	22.28
5	64QAM	12	0	22.52	22.27	22.48
5	64QAM	12	7	22.60	22.19	22.50
5	64QAM	12	13	22.43	22.55	22.50
5	64QAM	25	0	22.50	22.58	22.45



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.38	23.29	23.28
3	QPSK	1	8	23.25	23.26	23.34
3	QPSK	1	14	23.16	22.97	23.27
3	QPSK	8	0	22.84	22.81	22.85
3	QPSK	8	4	22.79	22.71	22.81
3	QPSK	8	7	22.65	22.70	22.67
3	QPSK	15	0	22.74	22.78	22.71
3	16QAM	1	0	22.02	22.43	22.19
3	16QAM	1	8	22.35	22.29	22.28
3	16QAM	1	14	22.39	22.28	21.98
3	16QAM	8	0	22.20	22.20	22.11
3	16QAM	8	4	22.23	22.22	22.28
3	16QAM	8	7	22.15	22.30	22.24
3	16QAM	15	0	22.25	22.23	22.19
3	64QAM	1	0	22.56	22.46	22.56
3	64QAM	1	8	22.58	22.36	22.46
3	64QAM	1	14	22.23	22.49	22.56
3	64QAM	8	0	22.35	22.34	22.47
3	64QAM	8	4	22.45	22.41	22.42
3	64QAM	8	7	22.34	22.28	22.32
3	64QAM	15	0	22.36	22.38	22.35



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.32	23.23	23.24
1.4	QPSK	1	3	23.38	23.40	23.40
1.4	QPSK	1	5	23.30	23.18	23.34
1.4	QPSK	3	0	23.29	23.22	23.29
1.4	QPSK	3	1	23.26	23.32	23.23
1.4	QPSK	3	3	23.27	23.23	23.15
1.4	QPSK	6	0	22.87	22.72	22.91
1.4	16QAM	1	0	22.33	22.33	22.53
1.4	16QAM	1	3	22.33	22.42	22.54
1.4	16QAM	1	5	22.32	22.52	22.40
1.4	16QAM	3	0	22.27	22.24	22.50
1.4	16QAM	3	1	22.36	22.26	22.38
1.4	16QAM	3	3	22.37	22.38	22.32
1.4	16QAM	6	0	22.26	22.17	22.18
1.4	64QAM	1	0	22.61	22.46	22.62
1.4	64QAM	1	3	22.34	22.43	22.43
1.4	64QAM	1	5	22.31	22.31	22.42
1.4	64QAM	3	0	22.40	22.38	22.40
1.4	64QAM	3	1	22.39	22.43	22.47
1.4	64QAM	3	3	22.39	22.32	22.34
1.4	64QAM	6	0	22.29	22.39	22.40

**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	21.27	0.134	21.30	0.135	21.24	0.133
20	QPSK	1	49	21.25	0.133	21.19	0.132	21.12	0.129
20	QPSK	1	99	21.19	0.132	21.15	0.130	21.13	0.130
20	QPSK	50	0	20.35	0.108	20.44	0.111	20.37	0.109
20	QPSK	50	24	20.36	0.109	20.41	0.110	20.41	0.110
20	QPSK	50	50	20.41	0.110	20.37	0.109	20.43	0.110
20	QPSK	100	0	20.34	0.108	20.43	0.110	20.39	0.109
20	16QAM	1	0	20.40	0.110	20.40	0.110	20.42	0.110
20	16QAM	1	49	20.24	0.106	20.54	0.113	20.50	0.112
20	16QAM	1	99	20.49	0.112	20.34	0.108	20.74	0.119
20	16QAM	50	0	20.42	0.110	20.39	0.109	20.37	0.109
20	16QAM	50	24	20.38	0.109	20.43	0.110	20.44	0.111
20	16QAM	50	50	20.46	0.111	20.43	0.110	20.50	0.112
20	16QAM	100	0	20.49	0.112	20.50	0.112	20.37	0.109
20	64QAM	1	0	20.44	0.111	20.63	0.116	20.37	0.109
20	64QAM	1	49	20.39	0.109	20.57	0.114	20.48	0.112
20	64QAM	1	99	20.34	0.108	20.67	0.117	20.67	0.117
20	64QAM	50	0	20.44	0.111	20.36	0.109	20.41	0.110
20	64QAM	50	24	20.47	0.111	20.41	0.110	20.46	0.111
20	64QAM	50	50	20.46	0.111	20.47	0.111	20.41	0.110
20	64QAM	100	0	20.34	0.108	20.31	0.107	20.32	0.108



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	21.08	0.128	21.11	0.129	21.02	0.126
15	QPSK	1	37	20.87	0.122	21.23	0.133	21.11	0.129
15	QPSK	1	74	21.24	0.133	21.16	0.131	21.24	0.133
15	QPSK	36	0	20.21	0.105	20.30	0.107	20.29	0.107
15	QPSK	36	20	20.20	0.105	20.39	0.109	20.36	0.109
15	QPSK	36	39	20.32	0.108	20.33	0.108	20.30	0.107
15	QPSK	75	0	20.24	0.106	20.30	0.107	20.26	0.106
15	16QAM	1	0	20.33	0.108	20.41	0.110	20.35	0.108
15	16QAM	1	37	20.46	0.111	20.49	0.112	20.35	0.108
15	16QAM	1	74	20.41	0.110	20.53	0.113	20.53	0.113
15	16QAM	36	0	20.20	0.105	20.25	0.106	20.28	0.107
15	16QAM	36	20	20.29	0.107	20.22	0.105	20.35	0.108
15	16QAM	36	39	20.34	0.108	20.43	0.110	20.40	0.110
15	16QAM	75	0	20.21	0.105	20.23	0.105	20.32	0.108
15	64QAM	1	0	20.41	0.110	20.17	0.104	20.23	0.105
15	64QAM	1	37	20.40	0.110	20.21	0.105	20.63	0.116
15	64QAM	1	74	20.29	0.107	20.33	0.108	20.48	0.112
15	64QAM	36	0	20.14	0.103	20.31	0.107	20.19	0.104
15	64QAM	36	20	20.34	0.108	20.36	0.109	20.26	0.106
15	64QAM	36	39	20.22	0.105	20.27	0.106	20.36	0.109
15	64QAM	75	0	20.21	0.105	20.28	0.107	20.27	0.106



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.12	0.129	21.11	0.129	21.21	0.132
10	QPSK	1	25	21.16	0.131	21.19	0.132	21.14	0.130
10	QPSK	1	49	21.12	0.129	21.13	0.130	21.12	0.129
10	QPSK	25	0	20.39	0.109	20.40	0.110	20.36	0.109
10	QPSK	25	12	20.35	0.108	20.47	0.111	20.40	0.110
10	QPSK	25	25	20.26	0.106	20.39	0.109	20.35	0.108
10	QPSK	50	0	20.32	0.108	20.41	0.110	20.39	0.109
10	16QAM	1	0	20.80	0.120	20.73	0.118	20.72	0.118
10	16QAM	1	25	20.49	0.112	20.45	0.111	20.52	0.113
10	16QAM	1	49	20.44	0.111	20.52	0.113	20.31	0.107
10	16QAM	25	0	20.34	0.108	20.33	0.108	20.30	0.107
10	16QAM	25	12	20.50	0.112	20.30	0.107	20.30	0.107
10	16QAM	25	25	20.30	0.107	20.50	0.112	20.60	0.115
10	16QAM	50	0	20.87	0.122	20.80	0.120	20.84	0.121
10	64QAM	1	0	20.38	0.109	20.43	0.110	20.43	0.110
10	64QAM	1	25	20.41	0.110	20.46	0.111	20.50	0.112
10	64QAM	1	49	20.08	0.102	20.21	0.105	20.18	0.104
10	64QAM	25	0	20.38	0.109	20.42	0.110	20.43	0.110
10	64QAM	25	12	20.41	0.110	20.39	0.109	20.40	0.110
10	64QAM	25	25	20.34	0.108	20.12	0.103	20.34	0.108
10	64QAM	50	0	20.35	0.108	20.35	0.108	20.32	0.108



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.12	0.129	21.17	0.131	21.11	0.129
5	QPSK	1	12	21.11	0.129	21.06	0.128	21.09	0.129
5	QPSK	1	24	21.07	0.128	21.15	0.130	21.16	0.131
5	QPSK	12	0	20.24	0.106	20.15	0.104	20.22	0.105
5	QPSK	12	7	20.25	0.106	20.30	0.107	20.22	0.105
5	QPSK	12	13	20.24	0.106	20.23	0.105	20.26	0.106
5	QPSK	25	0	20.23	0.105	20.21	0.105	20.23	0.105
5	16QAM	1	0	20.36	0.109	20.26	0.106	20.64	0.116
5	16QAM	1	12	20.34	0.108	20.27	0.106	20.64	0.116
5	16QAM	1	24	20.37	0.109	20.24	0.106	20.63	0.116
5	16QAM	12	0	20.46	0.111	20.60	0.115	20.46	0.111
5	16QAM	12	7	20.36	0.109	20.36	0.109	20.16	0.104
5	16QAM	12	13	20.16	0.104	20.49	0.112	20.26	0.106
5	16QAM	25	0	20.26	0.106	20.72	0.118	20.70	0.117
5	64QAM	1	0	20.46	0.111	20.18	0.104	20.23	0.105
5	64QAM	1	12	20.62	0.115	20.28	0.107	20.39	0.109
5	64QAM	1	24	20.63	0.116	20.27	0.106	20.29	0.107
5	64QAM	12	0	20.28	0.107	20.21	0.105	20.20	0.105
5	64QAM	12	7	20.34	0.108	20.18	0.104	20.18	0.104
5	64QAM	12	13	20.31	0.107	20.27	0.106	20.25	0.106
5	64QAM	25	0	20.38	0.109	20.18	0.104	20.25	0.106



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.06	0.128	21.13	0.130	21.05	0.127
3	QPSK	1	8	21.16	0.131	21.19	0.132	21.02	0.126
3	QPSK	1	14	21.17	0.131	21.04	0.127	21.04	0.127
3	QPSK	8	0	20.12	0.103	20.07	0.102	20.09	0.102
3	QPSK	8	4	20.18	0.104	20.12	0.103	20.13	0.103
3	QPSK	8	7	20.18	0.104	20.12	0.103	20.08	0.102
3	QPSK	15	0	20.10	0.102	20.18	0.104	20.11	0.103
3	16QAM	1	0	20.26	0.106	20.17	0.104	20.11	0.103
3	16QAM	1	8	20.30	0.107	20.24	0.106	20.20	0.105
3	16QAM	1	14	20.23	0.105	20.20	0.105	20.08	0.102
3	16QAM	8	0	20.66	0.116	20.79	0.120	20.71	0.118
3	16QAM	8	4	20.73	0.118	20.70	0.117	20.76	0.119
3	16QAM	8	7	20.63	0.116	20.68	0.117	20.71	0.118
3	16QAM	15	0	20.66	0.116	20.70	0.117	20.65	0.116
3	64QAM	1	0	20.19	0.104	20.12	0.103	20.15	0.104
3	64QAM	1	8	20.61	0.115	20.60	0.115	20.20	0.105
3	64QAM	1	14	20.22	0.105	20.58	0.114	20.22	0.105
3	64QAM	8	0	20.14	0.103	20.16	0.104	20.00	0.100
3	64QAM	8	4	20.24	0.106	20.14	0.103	20.14	0.103
3	64QAM	8	7	20.34	0.108	20.23	0.105	20.09	0.102
3	64QAM	15	0	20.19	0.104	20.19	0.104	20.17	0.104



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.12	0.129	21.15	0.130	21.10	0.129
1.4	QPSK	1	3	21.02	0.126	21.00	0.126	20.99	0.126
1.4	QPSK	1	5	20.99	0.126	20.97	0.125	20.95	0.124
1.4	QPSK	3	0	20.99	0.126	20.99	0.126	20.95	0.124
1.4	QPSK	3	1	21.03	0.127	21.00	0.126	20.98	0.125
1.4	QPSK	3	3	21.05	0.127	21.09	0.129	20.98	0.125
1.4	QPSK	6	0	20.08	0.102	20.06	0.101	20.05	0.101
1.4	16QAM	1	0	20.11	0.103	20.11	0.103	20.05	0.101
1.4	16QAM	1	3	20.07	0.102	20.27	0.106	20.25	0.106
1.4	16QAM	1	5	19.95	0.099	20.15	0.104	19.83	0.096
1.4	16QAM	3	0	19.97	0.099	20.02	0.100	19.99	0.100
1.4	16QAM	3	1	20.15	0.104	19.97	0.099	20.02	0.100
1.4	16QAM	3	3	20.17	0.104	20.14	0.103	19.88	0.097
1.4	16QAM	6	0	20.18	0.104	20.11	0.103	20.06	0.101
1.4	64QAM	1	0	20.06	0.101	19.98	0.100	20.01	0.100
1.4	64QAM	1	3	20.08	0.102	20.29	0.107	20.17	0.104
1.4	64QAM	1	5	20.06	0.101	20.41	0.110	20.00	0.100
1.4	64QAM	3	0	20.09	0.102	20.15	0.104	20.16	0.104
1.4	64QAM	3	1	20.18	0.104	20.15	0.104	20.36	0.109
1.4	64QAM	3	3	20.10	0.102	20.24	0.106	20.01	0.100
1.4	64QAM	6	0	20.15	0.104	20.18	0.104	20.07	0.102



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	21.60	0.145	21.68	0.147	21.67	0.147
20	QPSK	1	49	21.46	0.140	21.54	0.143	21.53	0.142
20	QPSK	1	99	21.38	0.137	21.51	0.142	21.63	0.146
20	QPSK	50	0	20.76	0.119	20.80	0.120	20.77	0.119
20	QPSK	50	24	20.67	0.117	20.75	0.119	20.75	0.119
20	QPSK	50	50	20.56	0.114	20.67	0.117	20.68	0.117
20	QPSK	100	0	20.66	0.116	20.70	0.117	20.77	0.119
20	16QAM	1	0	20.32	0.108	20.62	0.115	20.49	0.112
20	16QAM	1	49	20.47	0.111	20.24	0.106	20.38	0.109
20	16QAM	1	99	20.26	0.106	20.48	0.112	20.32	0.108
20	16QAM	50	0	20.45	0.111	20.38	0.109	20.52	0.113
20	16QAM	50	24	20.71	0.118	20.82	0.121	20.71	0.118
20	16QAM	50	50	20.67	0.117	20.68	0.117	20.68	0.117
20	16QAM	100	0	20.69	0.117	20.77	0.119	20.78	0.120
20	64QAM	1	0	20.43	0.110	20.54	0.113	20.76	0.119
20	64QAM	1	49	20.47	0.111	20.40	0.110	20.28	0.107
20	64QAM	1	99	20.74	0.119	20.31	0.107	20.78	0.120
20	64QAM	50	0	20.44	0.111	20.53	0.113	20.48	0.112
20	64QAM	50	24	20.46	0.111	20.57	0.114	20.51	0.112
20	64QAM	50	50	20.50	0.112	20.45	0.111	20.47	0.111
20	64QAM	100	0	20.53	0.113	20.51	0.112	20.60	0.115



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	21.47	0.140	21.51	0.142	21.61	0.145
15	QPSK	1	37	21.51	0.142	21.60	0.145	21.52	0.142
15	QPSK	1	74	21.38	0.137	21.60	0.145	21.63	0.146
15	QPSK	36	0	20.61	0.115	20.68	0.117	20.71	0.118
15	QPSK	36	20	20.65	0.116	20.78	0.120	20.74	0.119
15	QPSK	36	39	20.70	0.117	20.69	0.117	20.78	0.120
15	QPSK	75	0	20.65	0.116	20.67	0.117	20.68	0.117
15	16QAM	1	0	20.38	0.109	20.60	0.115	20.32	0.108
15	16QAM	1	37	20.46	0.111	20.46	0.111	20.30	0.107
15	16QAM	1	74	20.32	0.108	20.62	0.115	20.41	0.110
15	16QAM	36	0	20.33	0.108	20.35	0.108	20.54	0.113
15	16QAM	36	20	20.28	0.107	20.35	0.108	20.41	0.110
15	16QAM	36	39	20.24	0.106	20.33	0.108	20.39	0.109
15	16QAM	75	0	20.35	0.108	20.36	0.109	20.45	0.111
15	64QAM	1	0	20.30	0.107	20.61	0.115	20.66	0.116
15	64QAM	1	37	20.72	0.118	20.48	0.112	20.54	0.113
15	64QAM	1	74	20.76	0.119	20.47	0.111	20.51	0.112
15	64QAM	36	0	20.41	0.110	20.48	0.112	20.52	0.113
15	64QAM	36	20	20.47	0.111	20.49	0.112	20.51	0.112
15	64QAM	36	39	20.50	0.112	20.46	0.111	20.48	0.112
15	64QAM	75	0	20.43	0.110	20.54	0.113	20.47	0.111



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	21.59	0.144	21.58	0.144	21.41	0.138
10	QPSK	1	25	21.57	0.144	21.50	0.141	21.51	0.142
10	QPSK	1	49	21.45	0.140	21.28	0.134	21.51	0.142
10	QPSK	25	0	20.44	0.111	20.66	0.116	20.68	0.117
10	QPSK	25	12	20.56	0.114	20.62	0.115	20.66	0.116
10	QPSK	25	25	20.45	0.111	20.56	0.114	20.63	0.116
10	QPSK	50	0	20.51	0.112	20.61	0.115	20.53	0.113
10	16QAM	1	0	20.29	0.107	20.44	0.111	20.20	0.105
10	16QAM	1	25	20.56	0.114	20.30	0.107	20.62	0.115
10	16QAM	1	49	20.63	0.116	20.53	0.113	20.52	0.113
10	16QAM	25	0	20.29	0.107	20.28	0.107	20.27	0.106
10	16QAM	25	12	20.21	0.105	20.31	0.107	20.28	0.107
10	16QAM	25	25	20.55	0.114	20.46	0.111	20.55	0.114
10	16QAM	50	0	20.49	0.112	20.53	0.113	20.65	0.116
10	64QAM	1	0	20.35	0.108	20.43	0.110	20.33	0.108
10	64QAM	1	25	20.42	0.110	20.71	0.118	20.80	0.120
10	64QAM	1	49	20.40	0.110	20.44	0.111	20.39	0.109
10	64QAM	25	0	20.24	0.106	20.38	0.109	20.37	0.109
10	64QAM	25	12	20.33	0.108	20.44	0.111	20.48	0.112
10	64QAM	25	25	20.21	0.105	20.33	0.108	20.35	0.108
10	64QAM	50	0	20.27	0.106	20.34	0.108	20.33	0.108



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	21.56	0.143	21.51	0.142	21.56	0.143
5	QPSK	1	12	21.55	0.143	21.50	0.141	21.47	0.140
5	QPSK	1	24	21.30	0.135	21.42	0.139	21.41	0.138
5	QPSK	12	0	20.52	0.113	20.52	0.113	20.56	0.114
5	QPSK	12	7	20.52	0.113	20.63	0.116	20.60	0.115
5	QPSK	12	13	20.47	0.111	20.64	0.116	20.56	0.114
5	QPSK	25	0	20.50	0.112	20.54	0.113	20.60	0.115
5	16QAM	1	0	20.40	0.110	20.81	0.121	20.49	0.112
5	16QAM	1	12	20.51	0.112	20.86	0.122	20.45	0.111
5	16QAM	1	24	20.45	0.111	20.80	0.120	20.40	0.110
5	16QAM	12	0	20.44	0.111	20.38	0.109	20.41	0.110
5	16QAM	12	7	20.47	0.111	20.51	0.112	20.49	0.112
5	16QAM	12	13	20.53	0.113	20.60	0.115	20.64	0.116
5	16QAM	25	0	20.54	0.113	20.65	0.116	20.58	0.114
5	64QAM	1	0	20.31	0.107	20.75	0.119	20.73	0.118
5	64QAM	1	12	20.69	0.117	20.45	0.111	20.72	0.118
5	64QAM	1	24	20.65	0.116	20.35	0.108	20.42	0.110
5	64QAM	12	0	20.32	0.108	20.39	0.109	20.41	0.110
5	64QAM	12	7	20.31	0.107	20.40	0.110	20.46	0.111
5	64QAM	12	13	20.32	0.108	20.38	0.109	20.37	0.109
5	64QAM	25	0	20.48	0.112	20.62	0.115	20.53	0.113



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	21.41	0.138	21.42	0.139	21.54	0.143
3	QPSK	1	8	21.50	0.141	21.64	0.146	21.58	0.144
3	QPSK	1	14	21.30	0.135	21.49	0.141	21.49	0.141
3	QPSK	8	0	20.50	0.112	20.56	0.114	20.57	0.114
3	QPSK	8	4	20.56	0.114	20.64	0.116	20.66	0.116
3	QPSK	8	7	20.52	0.113	20.62	0.115	20.62	0.115
3	QPSK	15	0	20.52	0.113	20.58	0.114	20.52	0.113
3	16QAM	1	0	20.60	0.115	20.69	0.117	20.73	0.118
3	16QAM	1	8	20.82	0.121	20.82	0.121	20.56	0.114
3	16QAM	1	14	20.73	0.118	20.51	0.112	20.59	0.115
3	16QAM	8	0	20.52	0.113	20.53	0.113	20.62	0.115
3	16QAM	8	4	20.62	0.115	20.62	0.115	20.63	0.116
3	16QAM	8	7	20.63	0.116	20.71	0.118	20.75	0.119
3	16QAM	15	0	20.63	0.116	20.61	0.115	20.68	0.117
3	64QAM	1	0	20.30	0.107	20.39	0.109	20.37	0.109
3	64QAM	1	8	20.49	0.112	20.37	0.109	20.53	0.113
3	64QAM	1	14	20.30	0.107	20.37	0.109	20.20	0.105
3	64QAM	8	0	20.49	0.112	20.53	0.113	20.47	0.111
3	64QAM	8	4	20.61	0.115	20.59	0.115	20.63	0.116
3	64QAM	8	7	20.55	0.114	20.62	0.115	20.74	0.119
3	64QAM	15	0	20.51	0.112	20.59	0.115	20.50	0.112



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	21.56	0.143	21.61	0.145	21.59	0.144
1.4	QPSK	1	3	21.50	0.141	21.50	0.141	21.54	0.143
1.4	QPSK	1	5	21.36	0.137	21.45	0.140	21.47	0.140
1.4	QPSK	3	0	21.44	0.139	21.41	0.138	21.40	0.138
1.4	QPSK	3	1	21.40	0.138	21.50	0.141	21.55	0.143
1.4	QPSK	3	3	21.39	0.138	21.46	0.140	21.45	0.140
1.4	QPSK	6	0	20.55	0.114	20.57	0.114	20.53	0.113
1.4	16QAM	1	0	20.28	0.107	20.75	0.119	20.41	0.110
1.4	16QAM	1	3	20.41	0.110	20.49	0.112	20.53	0.113
1.4	16QAM	1	5	20.47	0.111	20.63	0.116	20.43	0.110
1.4	16QAM	3	0	20.50	0.112	20.54	0.113	20.45	0.111
1.4	16QAM	3	1	20.51	0.112	20.54	0.113	20.56	0.114
1.4	16QAM	3	3	20.50	0.112	20.62	0.115	20.51	0.112
1.4	16QAM	6	0	20.41	0.110	20.42	0.110	20.33	0.108
1.4	64QAM	1	0	20.40	0.110	20.34	0.108	20.48	0.112
1.4	64QAM	1	3	20.66	0.116	20.64	0.116	20.76	0.119
1.4	64QAM	1	5	20.57	0.114	20.53	0.113	20.37	0.109
1.4	64QAM	3	0	20.48	0.112	20.46	0.111	20.65	0.116
1.4	64QAM	3	1	20.39	0.109	20.54	0.113	20.51	0.112
1.4	64QAM	3	3	20.45	0.111	20.62	0.115	20.50	0.112
1.4	64QAM	6	0	20.44	0.111	20.45	0.111	20.52	0.113



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	19.78	0.095	19.79	0.095	19.71	0.094
10	QPSK	1	25	19.64	0.092	19.67	0.093	19.47	0.089
10	QPSK	1	49	19.56	0.090	19.68	0.093	19.36	0.086
10	QPSK	25	0	18.87	0.077	18.89	0.077	18.70	0.074
10	QPSK	25	12	18.63	0.073	18.65	0.073	18.70	0.074
10	QPSK	25	25	18.63	0.073	18.74	0.075	18.79	0.076
10	QPSK	50	0	18.69	0.074	18.57	0.072	18.71	0.074
10	16QAM	1	0	18.50	0.071	18.69	0.074	18.40	0.069
10	16QAM	1	25	18.73	0.075	18.76	0.075	18.44	0.070
10	16QAM	1	49	18.56	0.072	18.62	0.073	18.69	0.074
10	16QAM	25	0	18.65	0.073	18.66	0.073	18.48	0.070
10	16QAM	25	12	18.59	0.072	18.67	0.074	18.45	0.070
10	16QAM	25	25	18.62	0.073	18.55	0.072	18.58	0.072
10	16QAM	50	0	18.63	0.073	18.54	0.071	18.44	0.070
10	64QAM	1	0	18.59	0.072	18.69	0.074	18.57	0.072
10	64QAM	1	25	18.56	0.072	18.76	0.075	18.56	0.072
10	64QAM	1	49	18.45	0.070	18.67	0.074	18.58	0.072
10	64QAM	25	0	18.56	0.072	18.67	0.074	18.34	0.068
10	64QAM	25	12	18.55	0.072	18.72	0.074	18.43	0.070
10	64QAM	25	25	18.67	0.074	18.56	0.072	18.26	0.067
10	64QAM	50	0	18.63	0.073	18.59	0.072	18.45	0.070



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	19.73	0.094	19.69	0.093	19.67	0.093
5	QPSK	1	12	19.63	0.092	19.74	0.094	19.58	0.091
5	QPSK	1	24	19.63	0.092	19.58	0.091	19.58	0.091
5	QPSK	12	0	18.78	0.076	18.83	0.076	18.69	0.074
5	QPSK	12	7	18.85	0.077	18.86	0.077	18.78	0.076
5	QPSK	12	13	18.90	0.078	18.74	0.075	18.69	0.074
5	QPSK	25	0	18.81	0.076	18.77	0.075	18.69	0.074
5	16QAM	1	0	18.87	0.077	18.80	0.076	18.56	0.072
5	16QAM	1	12	18.57	0.072	18.79	0.076	18.55	0.072
5	16QAM	1	24	18.44	0.070	18.79	0.076	18.62	0.073
5	16QAM	12	0	18.53	0.071	18.62	0.073	18.61	0.073
5	16QAM	12	7	18.60	0.072	18.63	0.073	18.45	0.070
5	16QAM	12	13	18.60	0.072	18.51	0.071	18.56	0.072
5	16QAM	25	0	18.61	0.073	18.66	0.073	18.61	0.073
5	64QAM	1	0	18.68	0.074	18.56	0.072	18.67	0.074
5	64QAM	1	12	18.56	0.072	18.50	0.071	18.64	0.073
5	64QAM	1	24	18.70	0.074	18.54	0.071	18.48	0.070
5	64QAM	12	0	18.42	0.070	18.56	0.072	18.36	0.069
5	64QAM	12	7	18.46	0.070	18.62	0.073	18.40	0.069
5	64QAM	12	13	18.64	0.073	18.59	0.072	18.16	0.065
5	64QAM	25	0	18.52	0.071	18.59	0.072	18.20	0.066



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	19.72	0.094	19.73	0.094	19.58	0.091
3	QPSK	1	8	19.68	0.093	19.69	0.093	19.60	0.091
3	QPSK	1	14	19.69	0.093	19.67	0.093	19.41	0.087
3	QPSK	8	0	18.71	0.074	18.84	0.077	18.82	0.076
3	QPSK	8	4	18.85	0.077	18.91	0.078	18.88	0.077
3	QPSK	8	7	18.80	0.076	18.82	0.076	18.69	0.074
3	QPSK	15	0	18.78	0.076	18.84	0.077	18.83	0.076
3	16QAM	1	0	18.57	0.072	18.68	0.074	18.75	0.075
3	16QAM	1	8	18.50	0.071	18.76	0.075	18.60	0.072
3	16QAM	1	14	18.55	0.072	18.81	0.076	18.56	0.072
3	16QAM	8	0	18.51	0.071	18.60	0.072	18.34	0.068
3	16QAM	8	4	18.67	0.074	18.78	0.076	18.35	0.068
3	16QAM	8	7	18.59	0.072	18.65	0.073	18.39	0.069
3	16QAM	15	0	18.53	0.071	18.55	0.072	18.10	0.065
3	64QAM	1	0	18.48	0.070	18.36	0.069	18.57	0.072
3	64QAM	1	8	18.36	0.069	18.60	0.072	18.36	0.069
3	64QAM	1	14	18.38	0.069	18.56	0.072	18.37	0.069
3	64QAM	8	0	18.48	0.070	18.58	0.072	18.56	0.072
3	64QAM	8	4	18.70	0.074	18.54	0.071	18.48	0.070
3	64QAM	8	7	18.65	0.073	18.57	0.072	18.54	0.071
3	64QAM	15	0	18.54	0.071	18.64	0.073	18.44	0.070



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	19.73	0.094	19.70	0.093	19.74	0.094
1.4	QPSK	1	3	19.76	0.095	19.69	0.093	19.76	0.095
1.4	QPSK	1	5	19.65	0.092	19.59	0.091	19.60	0.091
1.4	QPSK	3	0	19.66	0.092	19.72	0.094	19.68	0.093
1.4	QPSK	3	1	19.72	0.094	19.59	0.091	19.69	0.093
1.4	QPSK	3	3	19.73	0.094	19.65	0.092	19.65	0.092
1.4	QPSK	6	0	18.76	0.075	18.75	0.075	18.74	0.075
1.4	16QAM	1	0	18.66	0.073	18.47	0.070	18.64	0.073
1.4	16QAM	1	3	18.46	0.070	18.70	0.074	18.59	0.072
1.4	16QAM	1	5	18.85	0.077	18.53	0.071	18.59	0.072
1.4	16QAM	3	0	18.38	0.069	18.36	0.069	18.50	0.071
1.4	16QAM	3	1	18.41	0.069	18.68	0.074	18.54	0.071
1.4	16QAM	3	3	18.49	0.071	18.60	0.072	18.48	0.070
1.4	16QAM	6	0	18.68	0.074	18.55	0.072	18.59	0.072
1.4	64QAM	1	0	18.21	0.066	18.38	0.069	18.40	0.069
1.4	64QAM	1	3	18.52	0.071	18.53	0.071	18.48	0.070
1.4	64QAM	1	5	18.47	0.070	18.46	0.070	18.34	0.068
1.4	64QAM	3	0	18.13	0.065	18.40	0.069	18.41	0.069
1.4	64QAM	3	1	18.41	0.069	18.35	0.068	18.36	0.069
1.4	64QAM	3	3	18.31	0.068	18.48	0.070	18.52	0.071
1.4	64QAM	6	0	18.52	0.071	18.64	0.073	18.53	0.071



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	18.15	0.065	18.16	0.065	18.08	0.064
20	QPSK	1	49	18.10	0.065	18.14	0.065	18.03	0.064
20	QPSK	1	99	18.05	0.064	18.00	0.063	18.05	0.064
20	QPSK	50	0	17.21	0.053	17.28	0.053	17.25	0.053
20	QPSK	50	24	16.97	0.050	16.94	0.049	16.84	0.048
20	QPSK	50	50	17.07	0.051	17.10	0.051	17.07	0.051
20	QPSK	100	0	17.02	0.050	17.04	0.051	17.01	0.050
20	16QAM	1	0	16.83	0.048	16.93	0.049	17.11	0.051
20	16QAM	1	49	16.98	0.050	16.84	0.048	17.12	0.052
20	16QAM	1	99	16.92	0.049	17.23	0.053	16.88	0.049
20	16QAM	50	0	16.77	0.048	16.87	0.049	16.80	0.048
20	16QAM	50	24	16.97	0.050	16.89	0.049	17.00	0.050
20	16QAM	50	50	17.05	0.051	17.10	0.051	16.93	0.049
20	16QAM	100	0	16.93	0.049	17.05	0.051	17.03	0.050
20	64QAM	1	0	16.81	0.048	16.97	0.050	16.99	0.050
20	64QAM	1	49	17.09	0.051	17.06	0.051	17.11	0.051
20	64QAM	1	99	17.07	0.051	17.12	0.052	17.03	0.050
20	64QAM	50	0	17.01	0.050	17.02	0.050	17.07	0.051
20	64QAM	50	24	17.06	0.051	17.07	0.051	17.07	0.051
20	64QAM	50	50	17.10	0.051	17.17	0.052	17.02	0.050
20	64QAM	100	0	17.03	0.050	17.00	0.050	17.12	0.052



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	17.98	0.063	18.07	0.064	18.07	0.064
15	QPSK	1	37	18.08	0.064	18.05	0.064	18.09	0.064
15	QPSK	1	74	18.02	0.063	18.09	0.064	18.09	0.064
15	QPSK	36	0	16.80	0.048	16.89	0.049	16.91	0.049
15	QPSK	36	20	16.88	0.049	16.95	0.050	16.90	0.049
15	QPSK	36	39	16.91	0.049	16.94	0.049	16.98	0.050
15	QPSK	75	0	16.97	0.050	16.90	0.049	16.92	0.049
15	16QAM	1	0	17.33	0.054	17.44	0.055	17.51	0.056
15	16QAM	1	37	17.30	0.054	17.41	0.055	17.39	0.055
15	16QAM	1	74	17.34	0.054	17.34	0.054	17.56	0.057
15	16QAM	36	0	16.93	0.049	17.04	0.051	17.06	0.051
15	16QAM	36	20	17.00	0.050	17.03	0.050	17.02	0.050
15	16QAM	36	39	17.06	0.051	17.04	0.051	16.93	0.049
15	16QAM	75	0	17.01	0.050	17.09	0.051	17.01	0.050
15	64QAM	1	0	16.91	0.049	16.88	0.049	16.76	0.047
15	64QAM	1	37	16.81	0.048	16.96	0.050	17.05	0.051
15	64QAM	1	74	16.80	0.048	16.92	0.049	16.98	0.050
15	64QAM	36	0	16.99	0.050	17.07	0.051	17.06	0.051
15	64QAM	36	20	17.10	0.051	17.09	0.051	17.16	0.052
15	64QAM	36	39	17.14	0.052	17.05	0.051	17.07	0.051
15	64QAM	75	0	16.99	0.050	17.09	0.051	17.04	0.051



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	17.97	0.063	17.84	0.061	17.87	0.061
10	QPSK	1	25	18.00	0.063	17.90	0.062	17.92	0.062
10	QPSK	1	49	17.93	0.062	17.90	0.062	17.92	0.062
10	QPSK	25	0	16.72	0.047	16.72	0.047	16.71	0.047
10	QPSK	25	12	16.68	0.047	16.80	0.048	16.85	0.048
10	QPSK	25	25	16.61	0.046	16.79	0.048	16.79	0.048
10	QPSK	50	0	16.70	0.047	16.82	0.048	16.81	0.048
10	16QAM	1	0	16.95	0.050	17.13	0.052	16.98	0.050
10	16QAM	1	25	16.94	0.049	16.96	0.050	17.01	0.050
10	16QAM	1	49	17.41	0.055	17.31	0.054	17.22	0.053
10	16QAM	25	0	16.84	0.048	16.72	0.047	16.80	0.048
10	16QAM	25	12	16.81	0.048	16.98	0.050	16.91	0.049
10	16QAM	25	25	16.86	0.049	16.89	0.049	16.81	0.048
10	16QAM	50	0	16.89	0.049	16.98	0.050	16.83	0.048
10	64QAM	1	0	16.91	0.049	16.87	0.049	16.85	0.048
10	64QAM	1	25	16.94	0.049	17.19	0.052	17.02	0.050
10	64QAM	1	49	17.05	0.051	17.29	0.054	17.10	0.051
10	64QAM	25	0	16.91	0.049	16.89	0.049	16.93	0.049
10	64QAM	25	12	16.93	0.049	17.04	0.051	16.97	0.050
10	64QAM	25	25	16.86	0.049	16.76	0.047	16.75	0.047
10	64QAM	50	0	16.80	0.048	16.86	0.049	16.78	0.048



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	18.01	0.063	17.92	0.062	17.82	0.061
5	QPSK	1	12	17.88	0.061	17.81	0.060	17.89	0.062
5	QPSK	1	24	17.82	0.061	17.88	0.061	17.92	0.062
5	QPSK	12	0	16.97	0.050	17.05	0.051	16.97	0.050
5	QPSK	12	7	17.04	0.051	17.19	0.052	17.11	0.051
5	QPSK	12	13	17.06	0.051	17.22	0.053	17.07	0.051
5	QPSK	25	0	17.07	0.051	17.08	0.051	17.03	0.050
5	16QAM	1	0	16.80	0.048	16.78	0.048	16.84	0.048
5	16QAM	1	12	16.85	0.048	17.07	0.051	16.97	0.050
5	16QAM	1	24	16.91	0.049	17.10	0.051	16.92	0.049
5	16QAM	12	0	16.82	0.048	16.88	0.049	16.79	0.048
5	16QAM	12	7	16.86	0.049	16.88	0.049	16.84	0.048
5	16QAM	12	13	16.86	0.049	16.92	0.049	17.05	0.051
5	16QAM	25	0	16.83	0.048	16.88	0.049	16.90	0.049
5	64QAM	1	0	17.01	0.050	17.06	0.051	17.02	0.050
5	64QAM	1	12	17.06	0.051	17.18	0.052	17.06	0.051
5	64QAM	1	24	17.10	0.051	17.20	0.052	17.16	0.052
5	64QAM	12	0	16.81	0.048	16.78	0.048	16.83	0.048
5	64QAM	12	7	16.90	0.049	16.95	0.050	16.74	0.047
5	64QAM	12	13	16.85	0.048	16.94	0.049	16.80	0.048
5	64QAM	25	0	16.80	0.048	16.79	0.048	16.84	0.048



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	19.20	0.083	19.36	0.086	19.25	0.084
10	QPSK	1	25	19.06	0.081	19.19	0.083	19.22	0.084
10	QPSK	1	49	19.16	0.082	19.17	0.083	19.16	0.082
10	QPSK	25	0	18.45	0.070	18.55	0.072	18.46	0.070
10	QPSK	25	12	18.42	0.070	18.36	0.069	18.15	0.065
10	QPSK	25	25	18.47	0.070	18.53	0.071	18.46	0.070
10	QPSK	50	0	18.48	0.070	18.50	0.071	18.41	0.069
10	16QAM	1	0	18.41	0.069	17.96	0.063	18.09	0.064
10	16QAM	1	25	18.16	0.065	18.11	0.065	18.25	0.067
10	16QAM	1	49	18.25	0.067	18.30	0.068	18.19	0.066
10	16QAM	25	0	18.14	0.065	18.16	0.065	18.10	0.065
10	16QAM	25	12	18.18	0.066	18.22	0.066	18.11	0.065
10	16QAM	25	25	18.23	0.067	18.24	0.067	18.18	0.066
10	16QAM	50	0	18.13	0.065	18.21	0.066	18.26	0.067
10	64QAM	1	0	17.98	0.063	18.10	0.065	18.44	0.070
10	64QAM	1	25	18.42	0.070	18.48	0.070	18.07	0.064
10	64QAM	1	49	18.44	0.070	18.12	0.065	18.05	0.064
10	64QAM	25	0	17.95	0.062	17.89	0.062	17.86	0.061
10	64QAM	25	12	18.00	0.063	18.03	0.064	17.95	0.062
10	64QAM	25	25	18.05	0.064	18.02	0.063	18.02	0.063
10	64QAM	50	0	17.97	0.063	17.90	0.062	18.01	0.063



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	18.95	0.079	19.28	0.085	19.06	0.081
5	QPSK	1	12	19.11	0.081	19.27	0.085	19.11	0.081
5	QPSK	1	24	19.07	0.081	19.26	0.084	19.12	0.082
5	QPSK	12	0	18.18	0.066	18.25	0.067	18.24	0.067
5	QPSK	12	7	18.29	0.067	18.31	0.068	18.28	0.067
5	QPSK	12	13	18.24	0.067	18.27	0.067	18.24	0.067
5	QPSK	25	0	18.20	0.066	18.32	0.068	18.28	0.067
5	16QAM	1	0	18.21	0.066	18.23	0.067	18.25	0.067
5	16QAM	1	12	18.38	0.069	18.33	0.068	18.34	0.068
5	16QAM	1	24	18.34	0.068	18.32	0.068	18.28	0.067
5	16QAM	12	0	18.08	0.064	18.05	0.064	18.08	0.064
5	16QAM	12	7	18.22	0.066	18.27	0.067	18.11	0.065
5	16QAM	12	13	18.17	0.066	18.14	0.065	18.19	0.066
5	16QAM	25	0	18.18	0.066	18.14	0.065	18.16	0.065
5	64QAM	1	0	17.96	0.063	17.97	0.063	18.02	0.063
5	64QAM	1	12	18.41	0.069	18.11	0.065	18.04	0.064
5	64QAM	1	24	18.39	0.069	18.08	0.064	18.13	0.065
5	64QAM	12	0	17.93	0.062	17.95	0.062	17.90	0.062
5	64QAM	12	7	18.03	0.064	17.91	0.062	17.97	0.063
5	64QAM	12	13	17.90	0.062	18.00	0.063	18.05	0.064
5	64QAM	25	0	18.05	0.064	18.01	0.063	17.98	0.063



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	19.03	0.080	19.30	0.085	18.97	0.079
3	QPSK	1	8	19.21	0.083	19.20	0.083	19.10	0.081
3	QPSK	1	14	19.15	0.082	19.26	0.084	19.21	0.083
3	QPSK	8	0	18.26	0.067	18.24	0.067	18.24	0.067
3	QPSK	8	4	18.29	0.067	18.32	0.068	18.33	0.068
3	QPSK	8	7	18.24	0.067	18.32	0.068	18.26	0.067
3	QPSK	15	0	18.23	0.067	18.31	0.068	18.17	0.066
3	16QAM	1	0	18.24	0.067	18.60	0.072	18.19	0.066
3	16QAM	1	8	18.44	0.070	18.42	0.070	18.37	0.069
3	16QAM	1	14	18.27	0.067	18.32	0.068	18.18	0.066
3	16QAM	8	0	18.24	0.067	18.13	0.065	18.16	0.065
3	16QAM	8	4	18.29	0.067	18.26	0.067	18.37	0.069
3	16QAM	8	7	18.13	0.065	18.16	0.065	18.22	0.066
3	16QAM	15	0	18.11	0.065	18.04	0.064	18.03	0.064
3	64QAM	1	0	17.97	0.063	18.31	0.068	18.30	0.068
3	64QAM	1	8	18.26	0.067	18.16	0.065	18.17	0.066
3	64QAM	1	14	18.19	0.066	18.04	0.064	18.15	0.065
3	64QAM	8	0	17.86	0.061	17.94	0.062	17.85	0.061
3	64QAM	8	4	17.95	0.062	17.99	0.063	17.98	0.063
3	64QAM	8	7	17.94	0.062	17.86	0.061	18.01	0.063
3	64QAM	15	0	17.93	0.062	17.95	0.062	17.87	0.061



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	19.06	0.081	19.23	0.084	19.03	0.080
1.4	QPSK	1	3	19.17	0.083	19.16	0.082	19.18	0.083
1.4	QPSK	1	5	19.06	0.081	19.11	0.081	19.07	0.081
1.4	QPSK	3	0	19.01	0.080	19.14	0.082	19.12	0.082
1.4	QPSK	3	1	19.22	0.084	19.22	0.084	18.89	0.077
1.4	QPSK	3	3	19.17	0.083	19.19	0.083	19.15	0.082
1.4	QPSK	6	0	18.23	0.067	18.20	0.066	18.18	0.066
1.4	16QAM	1	0	18.27	0.067	18.21	0.066	18.06	0.064
1.4	16QAM	1	3	18.08	0.064	18.51	0.071	18.18	0.066
1.4	16QAM	1	5	18.20	0.066	18.21	0.066	18.20	0.066
1.4	16QAM	3	0	18.04	0.064	18.07	0.064	18.08	0.064
1.4	16QAM	3	1	18.20	0.066	18.28	0.067	18.12	0.065
1.4	16QAM	3	3	18.03	0.064	18.17	0.066	18.17	0.066
1.4	16QAM	6	0	17.96	0.063	18.16	0.065	18.06	0.064
1.4	64QAM	1	0	17.81	0.060	17.96	0.063	17.80	0.060
1.4	64QAM	1	3	17.93	0.062	17.86	0.061	17.91	0.062
1.4	64QAM	1	5	18.09	0.064	18.12	0.065	18.08	0.064
1.4	64QAM	3	0	17.99	0.063	18.00	0.063	17.83	0.061
1.4	64QAM	3	1	17.97	0.063	18.21	0.066	18.06	0.064
1.4	64QAM	3	3	17.99	0.063	17.83	0.061	17.99	0.063
1.4	64QAM	6	0	17.95	0.062	17.96	0.063	17.83	0.061



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	19.18	0.083	19.21	0.083	19.18	0.083
10	QPSK	1	25	19.06	0.081	19.02	0.080	19.08	0.081
10	QPSK	1	49	18.99	0.079	19.02	0.080	18.97	0.079
10	QPSK	25	0	18.29	0.067	18.35	0.068	18.27	0.067
10	QPSK	25	12	18.14	0.065	18.08	0.064	18.22	0.066
10	QPSK	25	25	18.12	0.065	18.12	0.065	18.21	0.066
10	QPSK	50	0	18.25	0.067	18.12	0.065	18.13	0.065
10	16QAM	1	0	18.13	0.065	18.32	0.068	18.46	0.070
10	16QAM	1	25	18.34	0.068	18.39	0.069	18.23	0.067
10	16QAM	1	49	18.30	0.068	18.31	0.068	18.36	0.069
10	16QAM	25	0	18.24	0.067	18.24	0.067	18.23	0.067
10	16QAM	25	12	18.30	0.068	18.21	0.066	18.19	0.066
10	16QAM	25	25	18.13	0.065	18.15	0.065	18.20	0.066
10	16QAM	50	0	18.17	0.066	18.22	0.066	18.19	0.066
10	64QAM	1	0	18.14	0.065	18.23	0.067	17.91	0.062
10	64QAM	1	25	18.37	0.069	18.03	0.064	17.93	0.062
10	64QAM	1	49	18.11	0.065	17.90	0.062	17.90	0.062
10	64QAM	25	0	18.29	0.067	18.22	0.066	18.20	0.066
10	64QAM	25	12	18.21	0.066	18.05	0.064	18.22	0.066
10	64QAM	25	25	18.15	0.065	18.12	0.065	18.28	0.067
10	64QAM	50	0	18.22	0.066	18.21	0.066	18.22	0.066



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	19.12	0.082	19.08	0.081	19.04	0.080
5	QPSK	1	12	19.11	0.081	19.07	0.081	19.06	0.081
5	QPSK	1	24	19.03	0.080	19.09	0.081	19.08	0.081
5	QPSK	12	0	18.19	0.066	18.37	0.069	18.53	0.071
5	QPSK	12	7	18.31	0.068	18.40	0.069	18.48	0.070
5	QPSK	12	13	18.14	0.065	18.42	0.070	18.48	0.070
5	QPSK	25	0	18.02	0.063	18.19	0.066	18.32	0.068
5	16QAM	1	0	18.35	0.068	18.40	0.069	18.12	0.065
5	16QAM	1	12	18.52	0.071	18.08	0.064	18.45	0.070
5	16QAM	1	24	18.36	0.069	18.41	0.069	18.57	0.072
5	16QAM	12	0	17.95	0.062	17.98	0.063	18.19	0.066
5	16QAM	12	7	18.10	0.065	18.17	0.066	18.29	0.067
5	16QAM	12	13	18.01	0.063	18.26	0.067	18.29	0.067
5	16QAM	25	0	18.11	0.065	18.23	0.067	18.27	0.067
5	64QAM	1	0	17.91	0.062	17.92	0.062	17.92	0.062
5	64QAM	1	12	17.95	0.062	17.92	0.062	18.00	0.063
5	64QAM	1	24	18.00	0.063	18.00	0.063	17.92	0.062
5	64QAM	12	0	18.06	0.064	18.11	0.065	18.35	0.068
5	64QAM	12	7	18.19	0.066	18.27	0.067	18.21	0.066
5	64QAM	12	13	18.04	0.064	18.22	0.066	18.24	0.067
5	64QAM	25	0	18.01	0.063	18.20	0.066	18.36	0.069



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	21.73	0.149	21.79	0.151	21.77	0.150
20	QPSK	1	49	21.58	0.144	21.57	0.144	21.53	0.142
20	QPSK	1	99	21.51	0.142	21.50	0.141	21.53	0.142
20	QPSK	50	0	20.84	0.121	20.91	0.123	20.87	0.122
20	QPSK	50	24	20.65	0.116	20.67	0.117	20.80	0.120
20	QPSK	50	50	20.69	0.117	20.77	0.119	20.65	0.116
20	QPSK	100	0	20.67	0.117	20.67	0.117	20.59	0.115
20	16QAM	1	0	20.47	0.111	20.23	0.105	20.51	0.112
20	16QAM	1	49	20.52	0.113	20.26	0.106	20.32	0.108
20	16QAM	1	99	20.52	0.113	20.70	0.117	20.49	0.112
20	16QAM	50	0	20.64	0.116	20.61	0.115	20.58	0.114
20	16QAM	50	24	20.53	0.113	20.53	0.113	20.54	0.113
20	16QAM	50	50	20.50	0.112	20.42	0.110	20.38	0.109
20	16QAM	100	0	20.46	0.111	20.49	0.112	20.55	0.114
20	64QAM	1	0	20.79	0.120	20.56	0.114	20.89	0.123
20	64QAM	1	49	20.40	0.110	20.73	0.118	20.72	0.118
20	64QAM	1	99	20.63	0.116	20.75	0.119	20.83	0.121
20	64QAM	50	0	20.59	0.115	20.49	0.112	20.62	0.115
20	64QAM	50	24	20.53	0.113	20.47	0.111	20.59	0.115
20	64QAM	50	50	20.71	0.118	20.59	0.115	20.65	0.116
20	64QAM	100	0	20.70	0.117	20.70	0.117	20.68	0.117



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	21.59	0.144	21.63	0.146	21.61	0.145
15	QPSK	1	37	21.63	0.146	21.59	0.144	21.57	0.144
15	QPSK	1	74	21.57	0.144	21.53	0.142	21.51	0.142
15	QPSK	36	0	20.78	0.120	20.75	0.119	20.79	0.120
15	QPSK	36	20	20.78	0.120	20.70	0.117	20.80	0.120
15	QPSK	36	39	20.64	0.116	20.69	0.117	20.66	0.116
15	QPSK	75	0	20.73	0.118	20.77	0.119	20.70	0.117
15	16QAM	1	0	20.47	0.111	20.34	0.108	20.64	0.116
15	16QAM	1	37	20.34	0.108	20.64	0.116	20.57	0.114
15	16QAM	1	74	20.44	0.111	20.34	0.108	20.34	0.108
15	16QAM	36	0	20.65	0.116	20.65	0.116	20.56	0.114
15	16QAM	36	20	20.68	0.117	20.67	0.117	20.73	0.118
15	16QAM	36	39	20.60	0.115	20.75	0.119	20.69	0.117
15	16QAM	75	0	20.70	0.117	20.68	0.117	20.64	0.116
15	64QAM	1	0	20.85	0.122	20.75	0.119	20.85	0.122
15	64QAM	1	37	20.87	0.122	20.65	0.116	20.75	0.119
15	64QAM	1	74	20.52	0.113	20.78	0.120	20.85	0.122
15	64QAM	36	0	20.64	0.116	20.63	0.116	20.76	0.119
15	64QAM	36	20	20.74	0.119	20.70	0.117	20.71	0.118
15	64QAM	36	39	20.79	0.120	20.73	0.118	20.77	0.119
15	64QAM	75	0	20.81	0.121	20.83	0.121	20.80	0.120



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	21.62	0.145	21.62	0.145	21.63	0.146
10	QPSK	1	25	21.52	0.142	21.50	0.141	21.58	0.144
10	QPSK	1	49	21.66	0.147	21.54	0.143	21.44	0.139
10	QPSK	25	0	21.09	0.129	21.02	0.126	21.09	0.129
10	QPSK	25	12	21.06	0.128	21.25	0.133	21.03	0.127
10	QPSK	25	25	21.02	0.126	20.98	0.125	20.90	0.123
10	QPSK	50	0	21.10	0.129	20.95	0.124	21.14	0.130
10	16QAM	1	0	20.77	0.119	20.77	0.119	20.97	0.125
10	16QAM	1	25	20.77	0.119	20.86	0.122	20.98	0.125
10	16QAM	1	49	20.60	0.115	20.80	0.120	20.68	0.117
10	16QAM	25	0	20.61	0.115	20.78	0.120	20.66	0.116
10	16QAM	25	12	20.60	0.115	20.80	0.120	20.71	0.118
10	16QAM	25	25	20.51	0.112	20.56	0.114	20.56	0.114
10	16QAM	50	0	20.51	0.112	20.55	0.114	20.56	0.114
10	64QAM	1	0	20.84	0.121	20.84	0.121	20.51	0.112
10	64QAM	1	25	20.51	0.112	20.64	0.116	20.54	0.113
10	64QAM	1	49	20.51	0.112	20.51	0.112	20.51	0.112
10	64QAM	25	0	20.68	0.117	20.66	0.116	20.68	0.117
10	64QAM	25	12	20.67	0.117	20.71	0.118	20.75	0.119
10	64QAM	25	25	20.67	0.117	20.60	0.115	20.62	0.115
10	64QAM	50	0	20.57	0.114	20.67	0.117	20.68	0.117



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	21.51	0.142	21.54	0.143	21.59	0.144
5	QPSK	1	12	21.54	0.143	21.54	0.143	21.53	0.142
5	QPSK	1	24	21.62	0.145	21.52	0.142	21.58	0.144
5	QPSK	12	0	20.78	0.120	20.80	0.120	20.76	0.119
5	QPSK	12	7	20.80	0.120	20.88	0.122	20.81	0.121
5	QPSK	12	13	20.66	0.116	20.72	0.118	20.73	0.118
5	QPSK	25	0	20.76	0.119	20.77	0.119	20.76	0.119
5	16QAM	1	0	20.84	0.121	20.53	0.113	20.54	0.113
5	16QAM	1	12	20.47	0.111	20.76	0.119	20.71	0.118
5	16QAM	1	24	20.59	0.115	20.48	0.112	20.83	0.121
5	16QAM	12	0	20.48	0.112	20.59	0.115	20.55	0.114
5	16QAM	12	7	20.65	0.116	20.57	0.114	20.69	0.117
5	16QAM	12	13	20.56	0.114	20.50	0.112	20.57	0.114
5	16QAM	25	0	20.57	0.114	20.59	0.115	20.51	0.112
5	64QAM	1	0	20.35	0.108	20.75	0.119	20.55	0.114
5	64QAM	1	12	20.65	0.116	20.65	0.116	20.65	0.116
5	64QAM	1	24	20.48	0.112	20.52	0.113	20.48	0.112
5	64QAM	12	0	20.72	0.118	20.47	0.111	20.68	0.117
5	64QAM	12	7	20.80	0.120	20.39	0.109	20.70	0.117
5	64QAM	12	13	20.63	0.116	20.75	0.119	20.70	0.117
5	64QAM	25	0	20.70	0.117	20.78	0.120	20.65	0.116



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	21.58	0.144	21.49	0.141	21.48	0.141
3	QPSK	1	8	21.45	0.140	21.46	0.140	21.54	0.143
3	QPSK	1	14	21.36	0.137	21.17	0.131	21.47	0.140
3	QPSK	8	0	21.04	0.127	21.01	0.126	21.05	0.127
3	QPSK	8	4	20.99	0.126	20.91	0.123	21.01	0.126
3	QPSK	8	7	20.85	0.122	20.90	0.123	20.87	0.122
3	QPSK	15	0	20.94	0.124	20.98	0.125	20.91	0.123
3	16QAM	1	0	20.22	0.105	20.63	0.116	20.39	0.109
3	16QAM	1	8	20.55	0.114	20.49	0.112	20.48	0.112
3	16QAM	1	14	20.59	0.115	20.48	0.112	20.18	0.104
3	16QAM	8	0	20.40	0.110	20.40	0.110	20.31	0.107
3	16QAM	8	4	20.43	0.110	20.42	0.110	20.48	0.112
3	16QAM	8	7	20.35	0.108	20.50	0.112	20.44	0.111
3	16QAM	15	0	20.45	0.111	20.43	0.110	20.39	0.109
3	64QAM	1	0	20.76	0.119	20.66	0.116	20.76	0.119
3	64QAM	1	8	20.78	0.120	20.56	0.114	20.66	0.116
3	64QAM	1	14	20.43	0.110	20.69	0.117	20.76	0.119
3	64QAM	8	0	20.55	0.114	20.54	0.113	20.67	0.117
3	64QAM	8	4	20.65	0.116	20.61	0.115	20.62	0.115
3	64QAM	8	7	20.54	0.113	20.48	0.112	20.52	0.113
3	64QAM	15	0	20.56	0.114	20.58	0.114	20.55	0.114



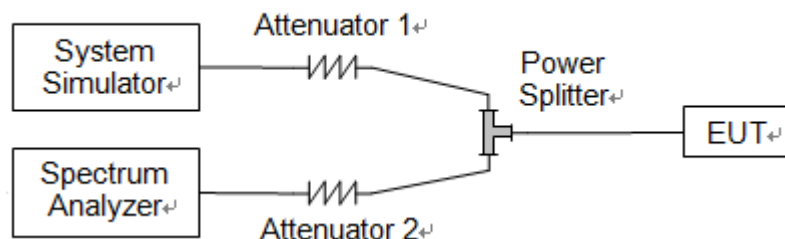
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.52	0.142	21.43	0.139	21.44	0.139
1.4	QPSK	1	3	21.58	0.144	21.60	0.145	21.60	0.145
1.4	QPSK	1	5	21.50	0.141	21.38	0.137	21.54	0.143
1.4	QPSK	3	0	21.49	0.141	21.42	0.139	21.49	0.141
1.4	QPSK	3	1	21.46	0.140	21.52	0.142	21.43	0.139
1.4	QPSK	3	3	21.47	0.140	21.43	0.139	21.35	0.136
1.4	QPSK	6	0	21.07	0.128	20.92	0.124	21.11	0.129
1.4	16QAM	1	0	20.53	0.113	20.53	0.113	20.73	0.118
1.4	16QAM	1	3	20.53	0.113	20.62	0.115	20.74	0.119
1.4	16QAM	1	5	20.52	0.113	20.72	0.118	20.60	0.115
1.4	16QAM	3	0	20.47	0.111	20.44	0.111	20.70	0.117
1.4	16QAM	3	1	20.56	0.114	20.46	0.111	20.58	0.114
1.4	16QAM	3	3	20.57	0.114	20.58	0.114	20.52	0.113
1.4	16QAM	6	0	20.46	0.111	20.37	0.109	20.38	0.109
1.4	64QAM	1	0	20.81	0.121	20.66	0.116	20.82	0.121
1.4	64QAM	1	3	20.54	0.113	20.63	0.116	20.63	0.116
1.4	64QAM	1	5	20.51	0.112	20.51	0.112	20.62	0.115
1.4	64QAM	3	0	20.60	0.115	20.58	0.114	20.60	0.115
1.4	64QAM	3	1	20.59	0.115	20.63	0.116	20.67	0.117
1.4	64QAM	3	3	20.59	0.115	20.52	0.113	20.54	0.113
1.4	64QAM	6	0	20.49	0.112	20.59	0.115	20.60	0.115

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	1.26
	Low	64QAM	1.10	1.26
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.26
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.71	3.06
	Low	64QAM	2.73	3.08
	Mid	QPSK	2.72	3.04
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.72	3.07
	High	QPSK	2.72	3.07
	High	16QAM	2.71	3.06
	High	64QAM	2.72	3.09
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.96
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.50	4.96
	High	QPSK	4.49	4.95
	High	16QAM	4.49	4.98
	High	64QAM	4.49	4.95
10	Low	QPSK	9.00	9.89
	Low	16QAM	9.01	11.18
	Low	64QAM	9.00	9.86
	Mid	QPSK	9.01	9.86
	Mid	16QAM	8.98	9.81
	Mid	64QAM	8.99	9.88
	High	QPSK	9.01	9.91
	High	16QAM	8.98	9.87
	High	64QAM	9.01	9.81



15	Low	QPSK	13.47	14.93
	Low	16QAM	13.49	14.99
	Low	64QAM	13.49	14.90
	Mid	QPSK	13.46	14.87
	Mid	16QAM	13.47	14.86
	Mid	64QAM	13.49	14.90
	High	QPSK	13.49	15.07
	High	16QAM	13.53	14.93
	High	64QAM	13.52	14.94
20	Low	QPSK	17.97	19.76
	Low	16QAM	17.96	19.81
	Low	64QAM	17.98	19.73
	Mid	QPSK	18.01	19.73
	Mid	16QAM	17.99	19.80
	Mid	64QAM	18.00	19.73
	High	QPSK	18.03	19.73
	High	16QAM	18.08	19.92
	High	64QAM	18.01	19.90



LTE Band 4				
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	1.31
	Mid	64QAM	1.10	1.26
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.26
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.72	3.05
	Low	64QAM	2.72	3.04
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.72	3.05
	Mid	64QAM	2.73	3.07
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.06
	High	64QAM	2.72	3.05
5	Low	QPSK	4.49	4.97
	Low	16QAM	4.50	4.97
	Low	64QAM	4.49	4.96
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.50	4.97
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.96
	High	64QAM	4.49	4.95
10	Low	QPSK	9.02	9.88
	Low	16QAM	8.98	9.84
	Low	64QAM	9.00	9.87
	Mid	QPSK	8.99	9.77
	Mid	16QAM	8.99	9.87
	Mid	64QAM	8.98	9.89
	High	QPSK	9.02	9.90
	High	16QAM	8.99	9.86
	High	64QAM	9.00	9.87



15	Low	QPSK	13.48	14.90
	Low	16QAM	13.48	14.97
	Low	64QAM	13.51	14.83
	Mid	QPSK	13.51	14.91
	Mid	16QAM	13.46	14.99
	Mid	64QAM	13.49	14.85
	High	QPSK	13.46	14.91
	High	16QAM	13.49	14.97
	High	64QAM	13.49	14.83
20	Low	QPSK	17.98	19.75
	Low	16QAM	18.03	19.80
	Low	64QAM	17.99	19.58
	Mid	QPSK	17.94	19.73
	Mid	16QAM	18.02	19.75
	Mid	64QAM	17.96	19.63
	High	QPSK	17.99	19.67
	High	16QAM	17.98	19.75
	High	64QAM	17.97	19.74



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.24
	Low	16QAM	1.10	1.24
	Low	64QAM	1.10	1.26
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.26
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.72	3.04
	Low	64QAM	2.72	3.05
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.71	3.04
	Mid	64QAM	2.72	3.06
	High	QPSK	2.72	3.03
	High	16QAM	2.71	3.06
	High	64QAM	2.72	3.07
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.50	4.94
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.49	4.98
	Mid	16QAM	4.50	5.01
	Mid	64QAM	4.49	4.96
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.98
	High	64QAM	4.49	4.97
10	Low	QPSK	9.01	9.89
	Low	16QAM	8.97	9.85
	Low	64QAM	8.98	9.87
	Mid	QPSK	9.02	9.84
	Mid	16QAM	8.98	9.86
	Mid	64QAM	8.99	9.90
	High	QPSK	9.02	9.84
	High	16QAM	8.96	9.84
	High	64QAM	8.98	9.83



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.50	4.94
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.49	4.98
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.94
	High	64QAM	4.50	4.96
10	Low	QPSK	9.02	9.89
	Low	16QAM	8.97	9.80
	Low	64QAM	8.98	9.86
	Mid	QPSK	9.00	9.93
	Mid	16QAM	8.96	9.81
	Mid	64QAM	8.99	9.87
	High	QPSK	8.98	9.91
	High	16QAM	8.97	9.78
	High	64QAM	8.99	9.85
15	Low	QPSK	13.46	14.87
	Low	16QAM	13.48	14.98
	Low	64QAM	13.49	14.94
	Mid	QPSK	13.48	14.90
	Mid	16QAM	13.48	15.00
	Mid	64QAM	13.45	14.90
	High	QPSK	13.49	14.92
	High	16QAM	13.48	14.89
	High	64QAM	13.50	14.96
20	Low	QPSK	17.97	19.73
	Low	16QAM	18.03	19.76
	Low	64QAM	18.00	19.81
	Mid	QPSK	18.00	19.68
	Mid	16QAM	17.99	19.82
	Mid	64QAM	18.00	19.71
	High	QPSK	17.99	19.74
	High	16QAM	18.02	19.75
	High	64QAM	17.99	19.64



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	1.26
	High	QPSK	1.09	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	3.05
	Low	64QAM	2.72	3.04
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.72	3.04
	Mid	64QAM	2.72	3.07
	High	QPSK	2.72	3.03
	High	16QAM	2.71	3.05
	High	64QAM	2.72	3.06
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.94
	Low	64QAM	4.49	4.98
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.49	4.96
	High	QPSK	4.51	4.98
	High	16QAM	4.50	4.98
	High	64QAM	4.50	4.96
10	Low	QPSK	9.00	9.87
	Low	16QAM	8.98	9.86
	Low	64QAM	8.98	9.90
	Mid	QPSK	9.01	9.86
	Mid	16QAM	8.97	9.85
	Mid	64QAM	9.00	9.88
	High	QPSK	9.04	9.91
	High	16QAM	8.98	9.83
	High	64QAM	8.98	9.85



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.95
	Low	16QAM	4.50	4.98
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.50	4.97
	High	QPSK	4.51	4.99
	High	16QAM	4.50	4.97
	High	64QAM	4.50	4.98
10	Low	QPSK	9.00	9.88
	Low	16QAM	8.96	9.80
	Low	64QAM	8.99	9.91
	Mid	QPSK	8.99	9.87
	Mid	16QAM	8.96	9.82
	Mid	64QAM	8.99	9.83
	High	QPSK	9.00	9.94
	High	16QAM	8.98	9.83
	High	64QAM	8.99	9.89



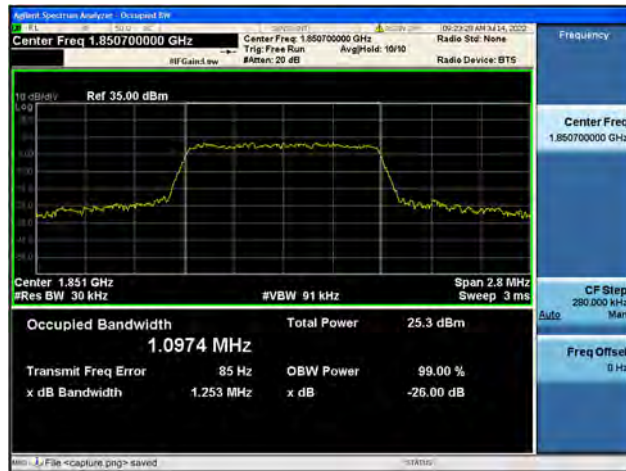
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.09	1.26
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	Mid	64QAM	1.10	1.24
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.72	3.06
	Low	64QAM	2.72	3.08
	Mid	QPSK	2.71	3.06
	Mid	16QAM	2.72	3.07
	Mid	64QAM	2.71	3.06
	High	QPSK	2.72	3.05
	High	16QAM	2.72	3.05
	High	64QAM	2.72	3.07
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.96
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.49	4.98
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.50	4.96
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.97
	High	64QAM	4.49	4.96
10	Low	QPSK	9.01	9.90
	Low	16QAM	8.98	9.83
	Low	64QAM	9.00	9.86
	Mid	QPSK	9.01	9.98
	Mid	16QAM	8.97	9.84
	Mid	64QAM	8.99	9.86
	High	QPSK	9.01	9.94
	High	16QAM	8.98	9.86
	High	64QAM	8.99	9.91



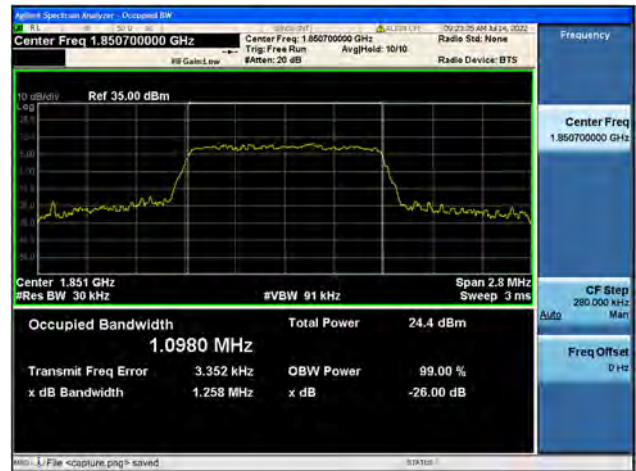
15	Low	QPSK	13.48	14.92
	Low	16QAM	13.50	14.96
	Low	64QAM	13.50	14.99
	Mid	QPSK	13.50	14.92
	Mid	16QAM	13.47	14.93
	Mid	64QAM	13.49	14.89
	High	QPSK	13.43	14.86
	High	16QAM	13.46	14.83
	High	64QAM	13.45	14.86
20	Low	QPSK	17.98	19.72
	Low	16QAM	17.99	19.78
	Low	64QAM	18.00	19.75
	Mid	QPSK	18.00	19.75
	Mid	16QAM	18.02	19.78
	Mid	64QAM	17.98	19.71
	High	QPSK	17.98	19.67
	High	16QAM	18.01	19.73
	High	64QAM	18.01	19.67



Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



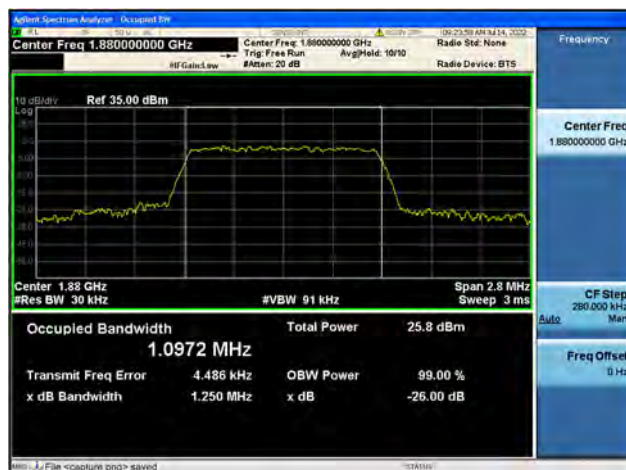
Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH

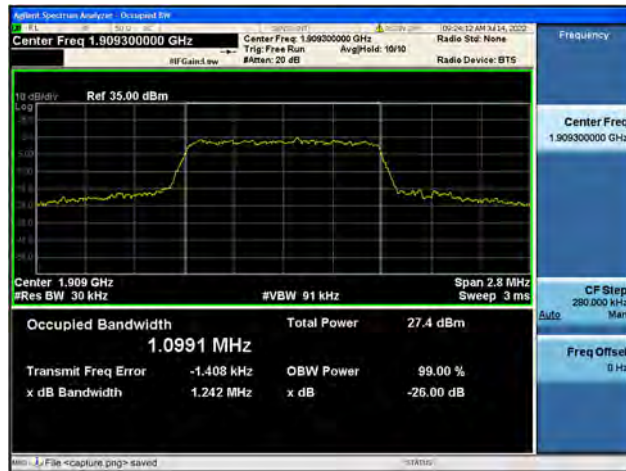


Band2 / 1.4MHz / 64QAM/ Mid CH

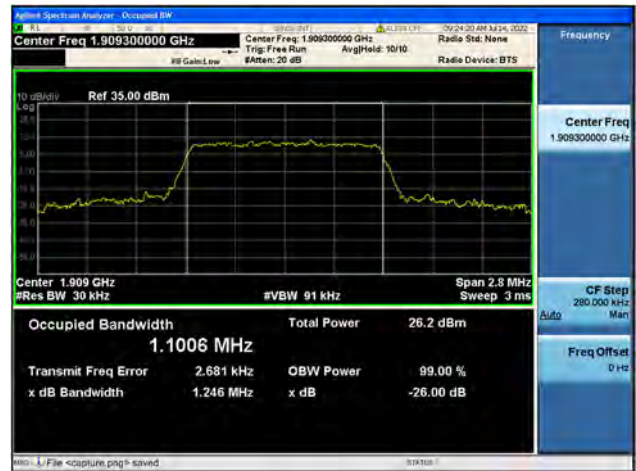




Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH

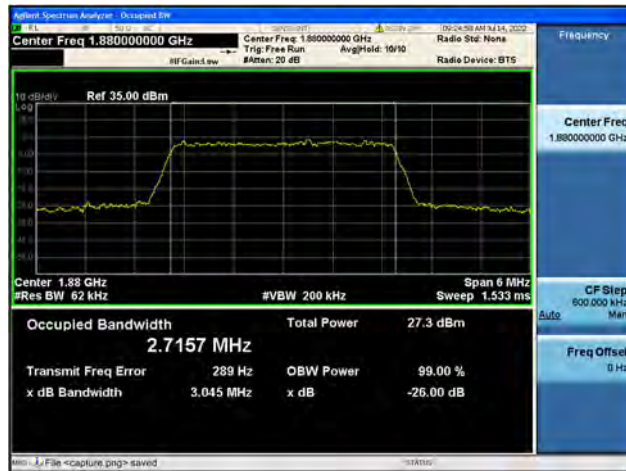


Band2 / 3MHz / 64QAM/ Low CH

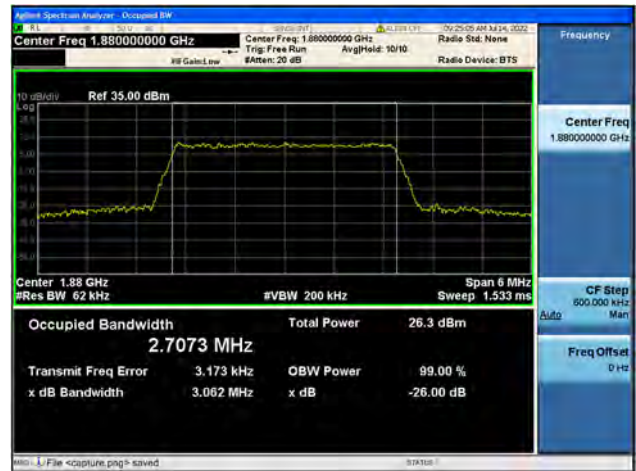




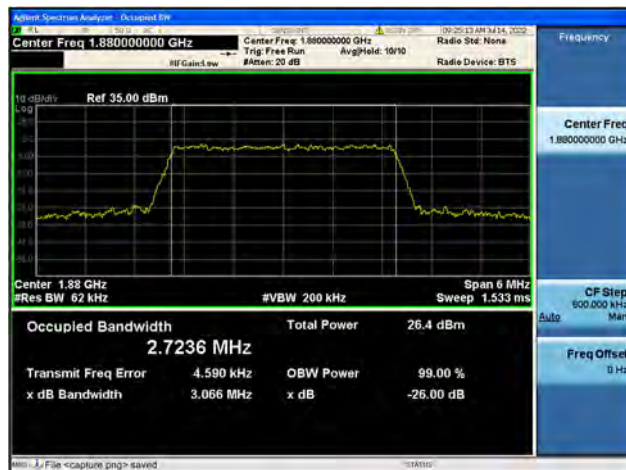
Band2 / 3MHz / QPSK/ Mid CH



Band2 / 3MHz / 16QAM/ Mid CH



Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH

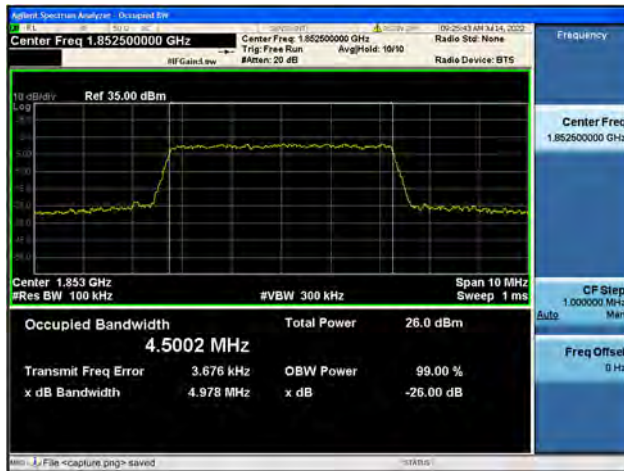


Band2 / 3MHz / 64QAM/ High CH

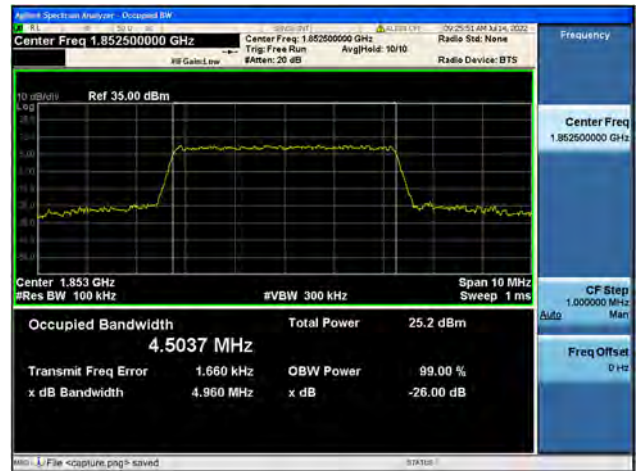




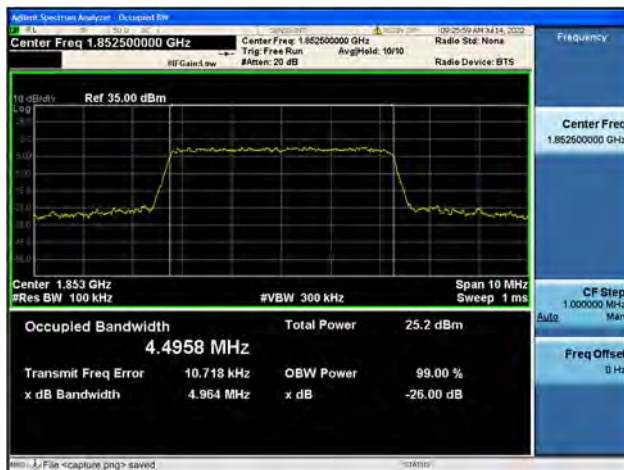
Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH

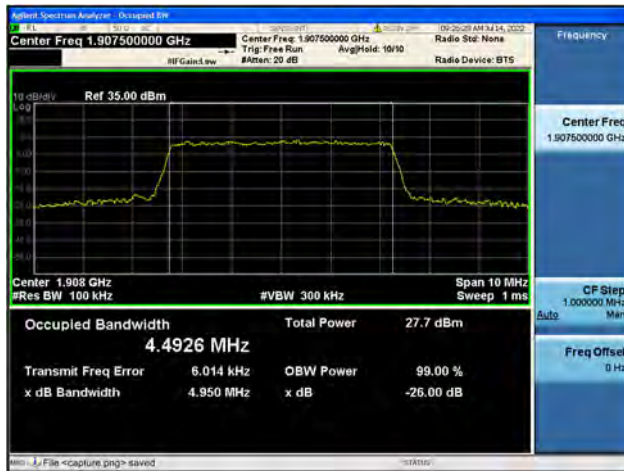


Band2 / 5MHz / 64QAM/ Mid CH





Band2 / 5MHz / QPSK/ High CH



Band2 / 5MHz / 16QAM/ High CH



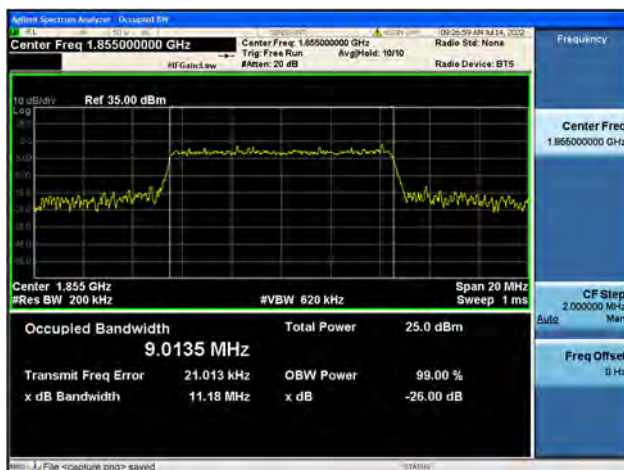
Band2 / 5MHz / 64QAM/ High CH



Band2 / 10MHz / QPSK/ Low CH



Band2 / 10MHz / 16QAM/ Low CH



Band2 / 10MHz / 64QAM/ Low CH

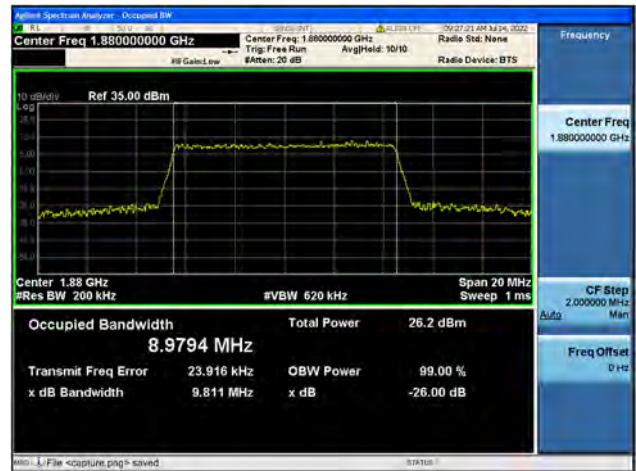




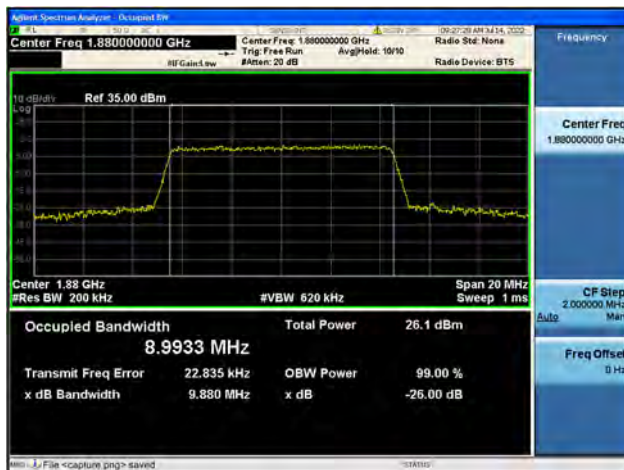
Band2 / 10MHz / QPSK/ Mid CH



Band2 / 10MHz / 16QAM/ Mid CH



Band2 / 10MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



Band2 / 10MHz / 16QAM/ High CH

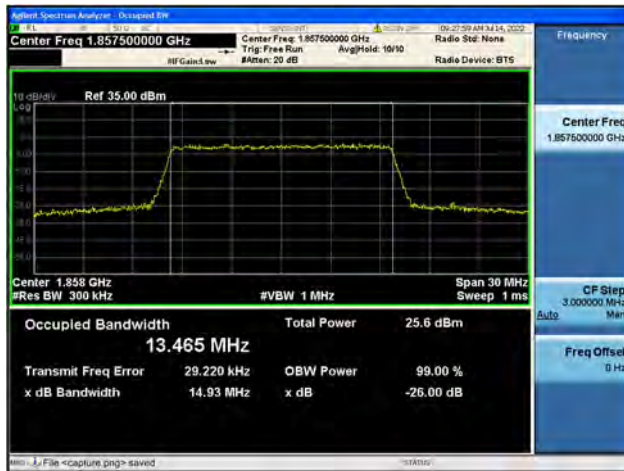


Band2 / 10MHz / 64QAM/ High CH

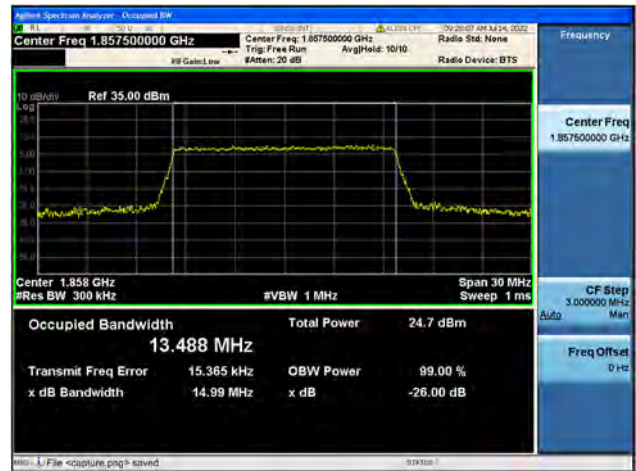




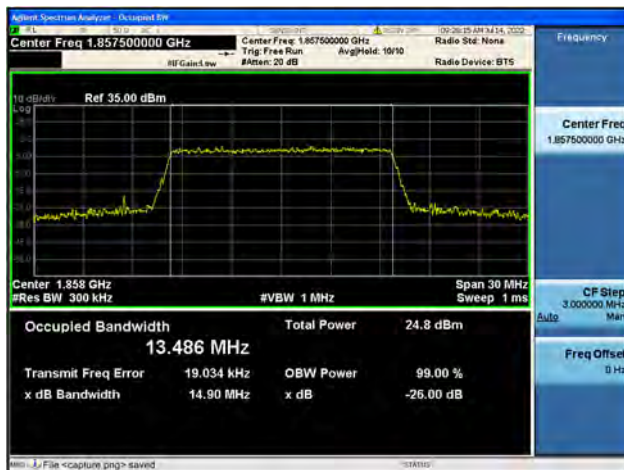
Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH

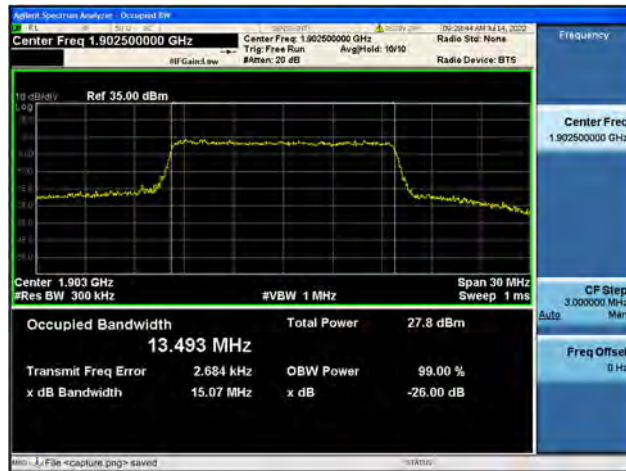


Band2 / 15MHz / 64QAM/ Mid CH





Band2 / 15MHz / QPSK/ High CH



Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH

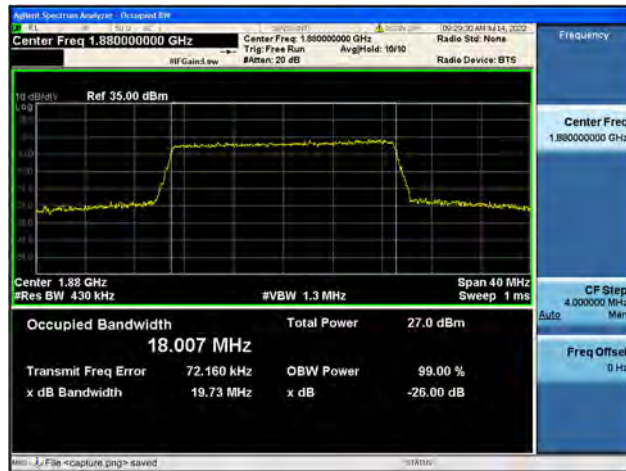


Band2 / 20MHz / 64QAM/ Low CH





Band2 / 20MHz / QPSK/ Mid CH



Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



Band2 / 20MHz / QPSK/ High CH



Band2 / 20MHz / 16QAM/ High CH



Band2 / 20MHz / 64QAM/ High CH

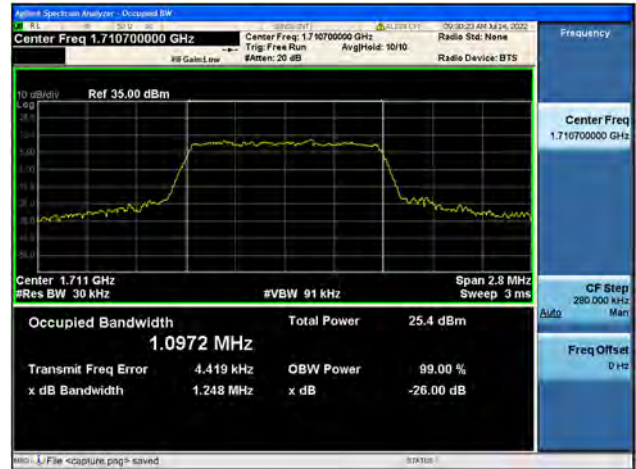




Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



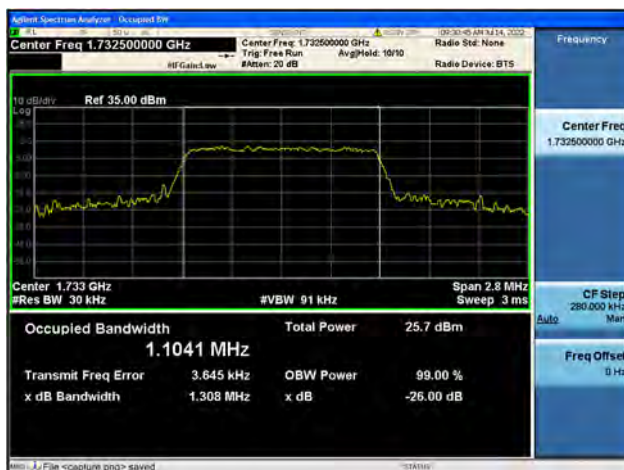
Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH

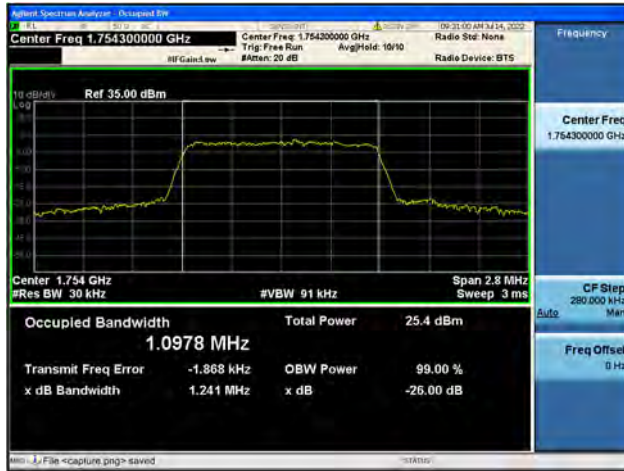


Band4 / 1.4MHz / 64QAM/ Mid CH

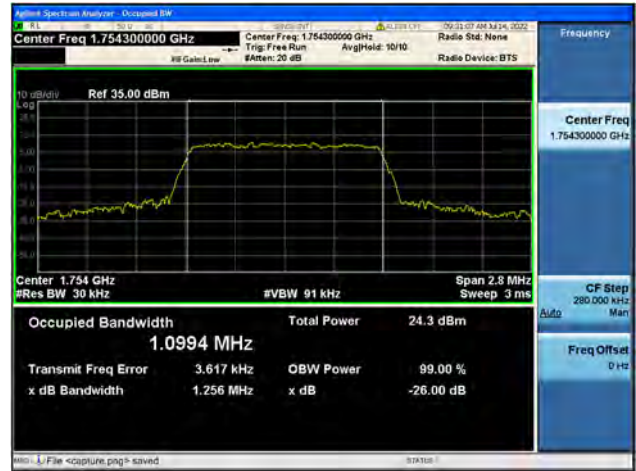




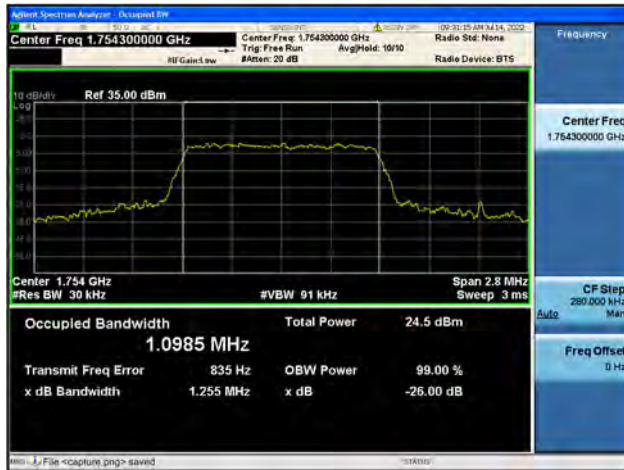
Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH

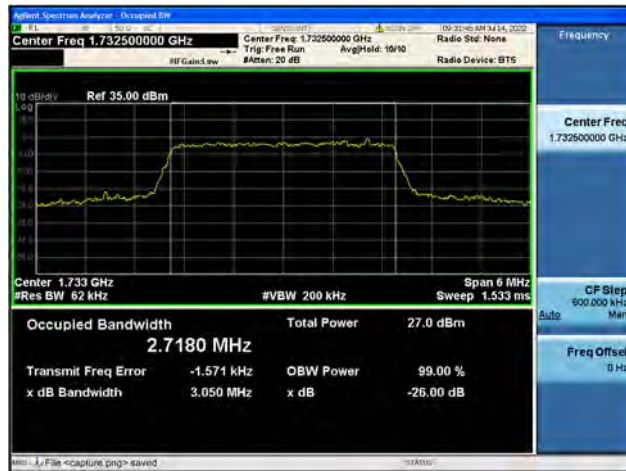


Band4 / 3MHz / 64QAM/ Low CH

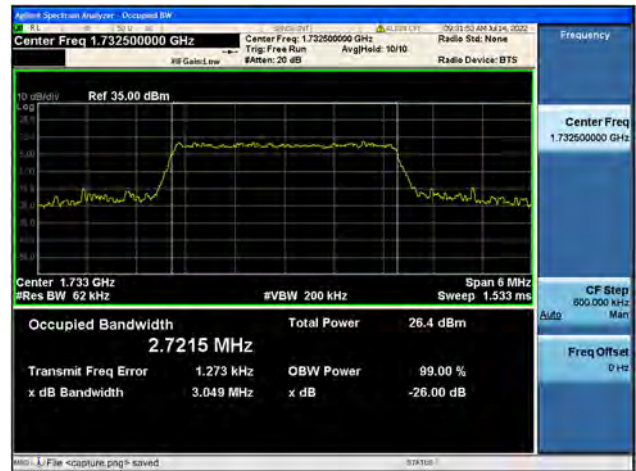




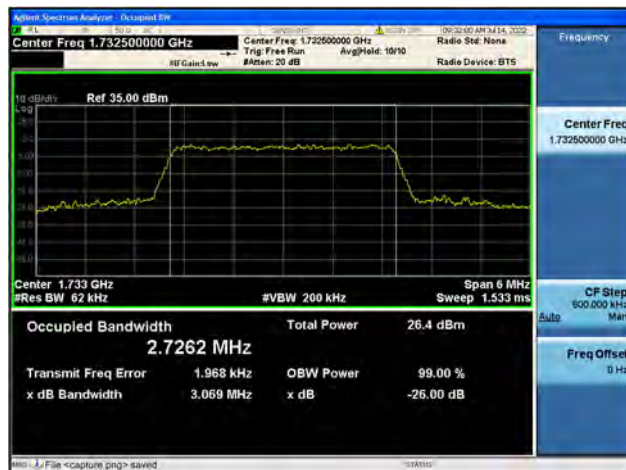
Band4 / 3MHz / QPSK/ Mid CH



Band4 / 3MHz / 16QAM/ Mid CH



Band4 / 3MHz / 64QAM/ Mid CH



Band4 / 3MHz / QPSK/ High CH



Band4 / 3MHz / 16QAM/ High CH

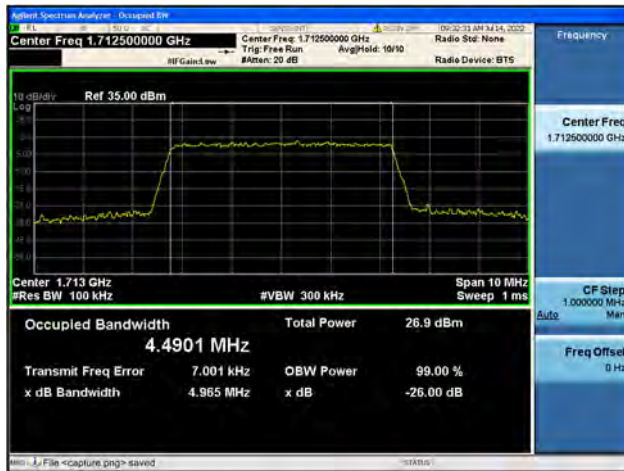


Band4 / 3MHz / 64QAM/ High CH





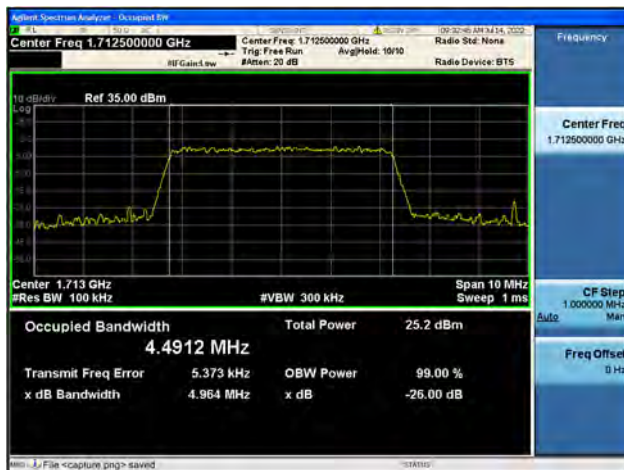
Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH

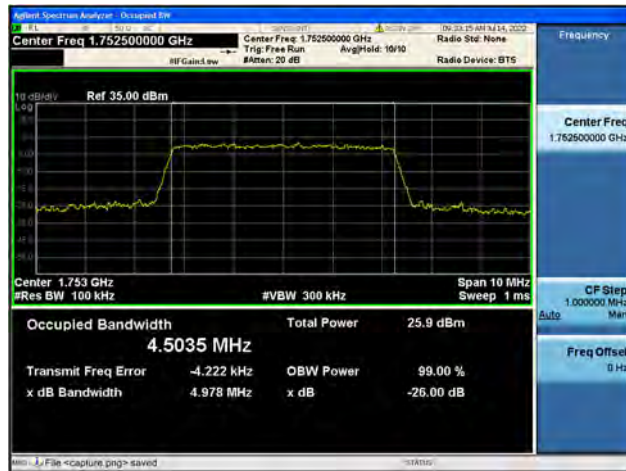


Band4 / 5MHz / 64QAM/ Mid CH

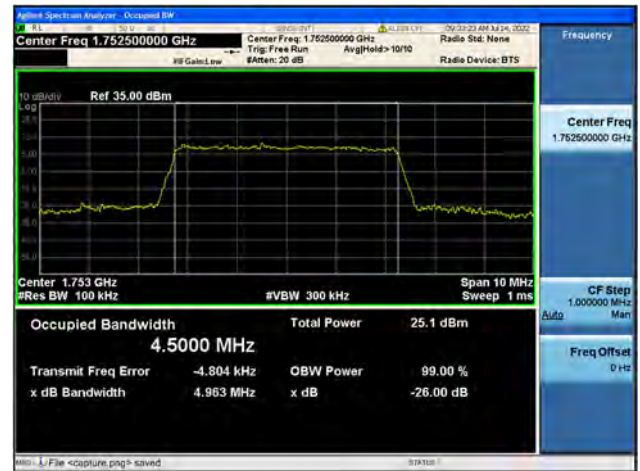




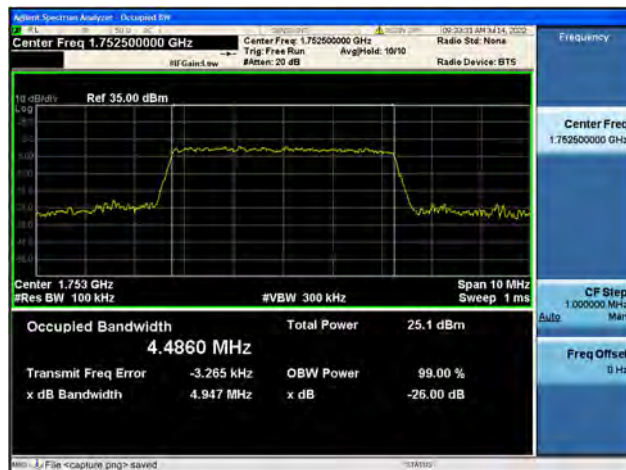
Band4 / 5MHz / QPSK/ High CH



Band4 / 5MHz / 16QAM/ High CH



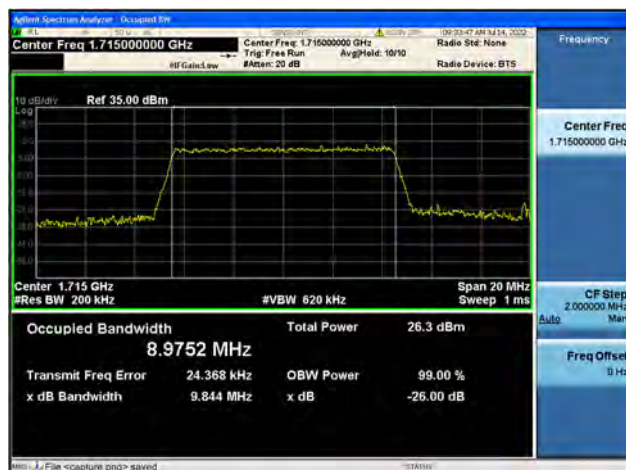
Band4 / 5MHz / 64QAM/ High CH



Band4 / 10MHz / QPSK/ Low CH



Band4 / 10MHz / 16QAM/ Low CH



Band4 / 10MHz / 64QAM/ Low CH





Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH

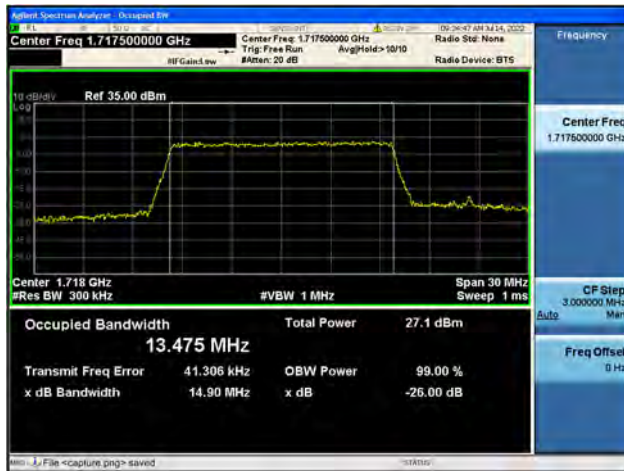


Band4 / 10MHz / 64QAM/ High CH

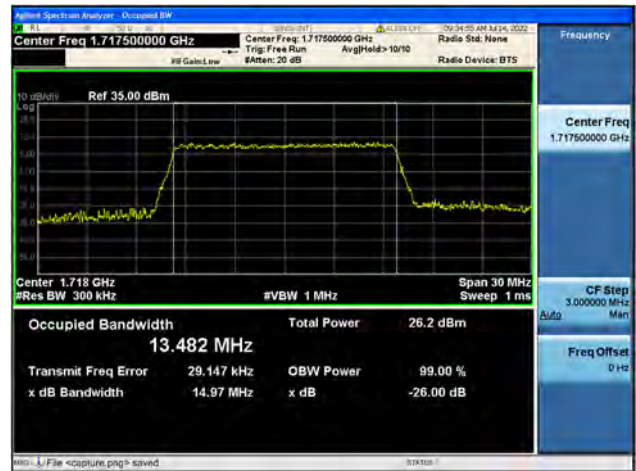




Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH

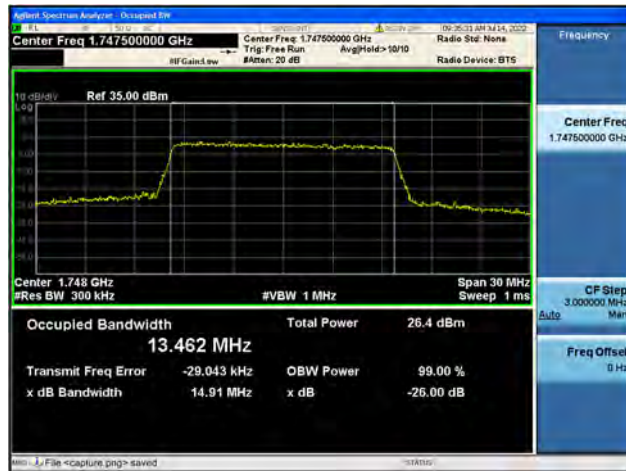


Band4 / 15MHz / 64QAM/ Mid CH





Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



Band4 / 15MHz / 64QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



Band4 / 20MHz / 64QAM/ Low CH

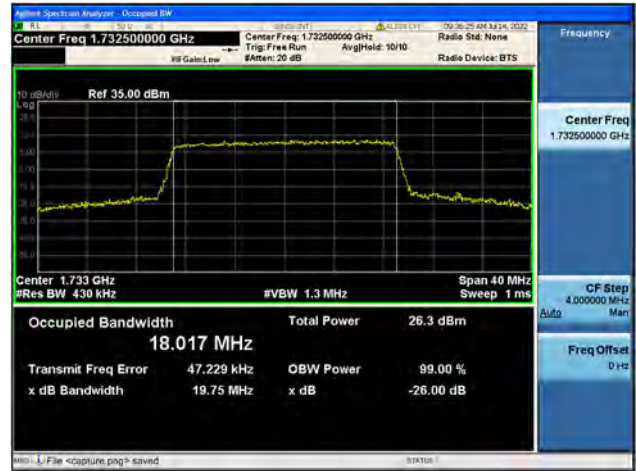




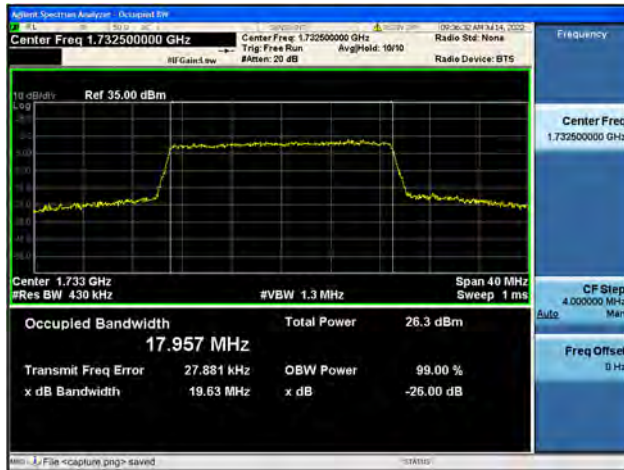
Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



Band4 / 20MHz / 16QAM/ High CH

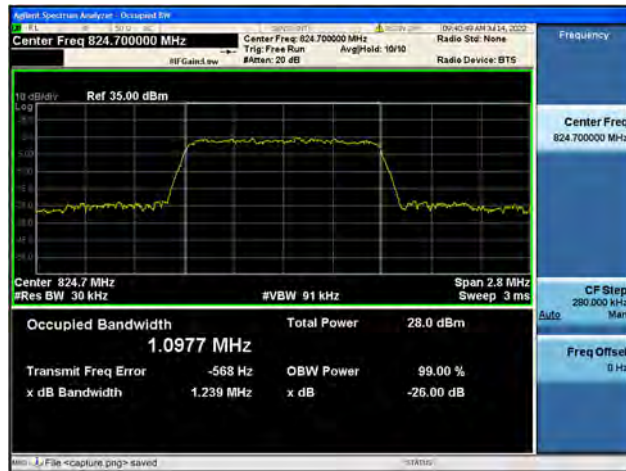


Band4 / 20MHz / 64QAM/ High CH

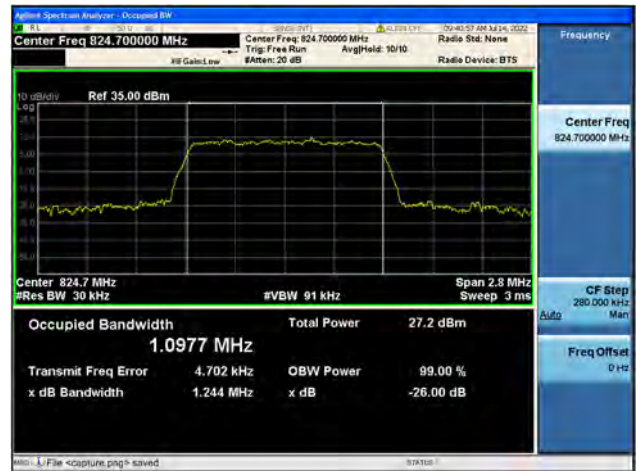




Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH

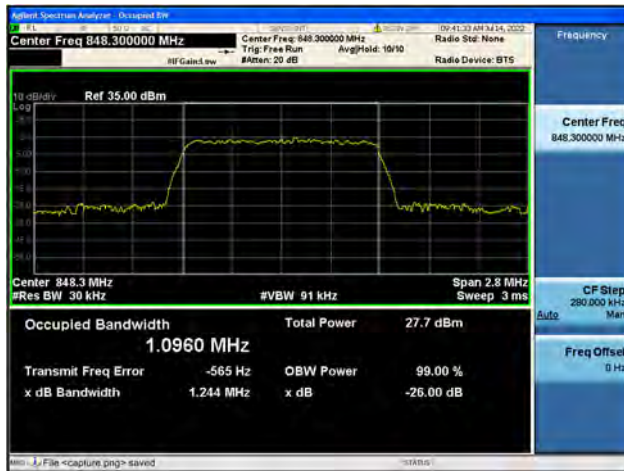


Band5 / 1.4MHz / 64QAM/ Mid CH





Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH

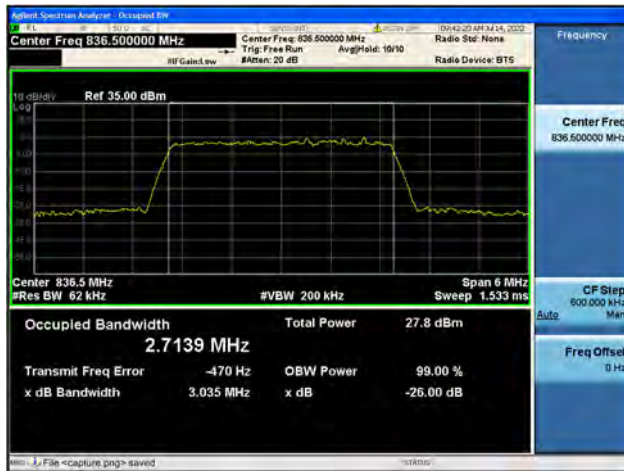


Band5 / 3MHz / 64QAM/ Low CH

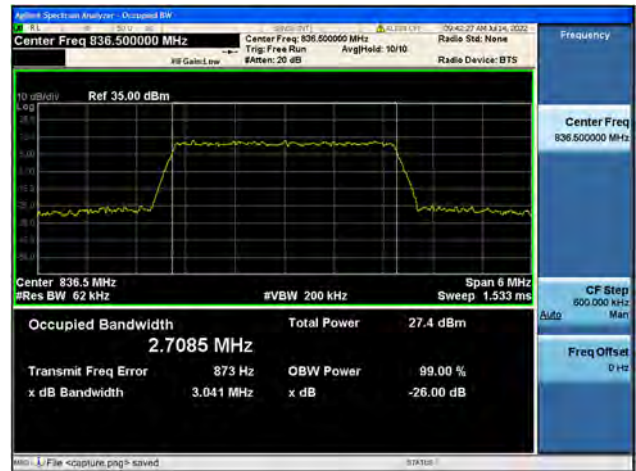




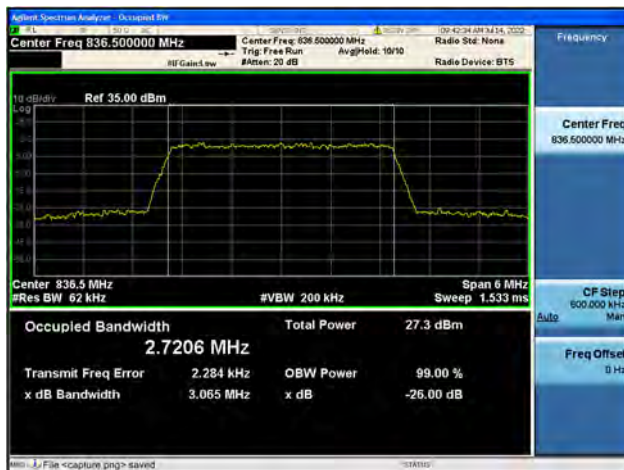
Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH





Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



Band5 / 5MHz / 16QAM/ Mid CH

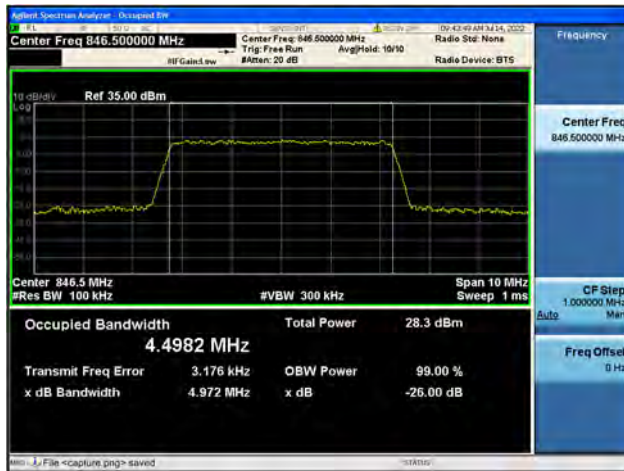


Band5 / 5MHz / 64QAM/ Mid CH





Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



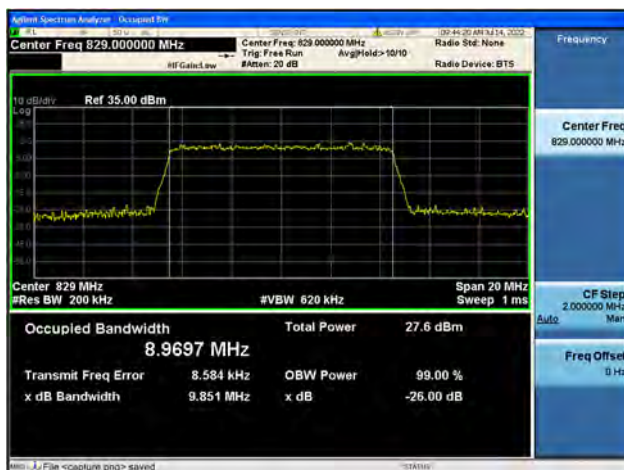
Band5 / 5MHz / 64QAM/ High CH



Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH

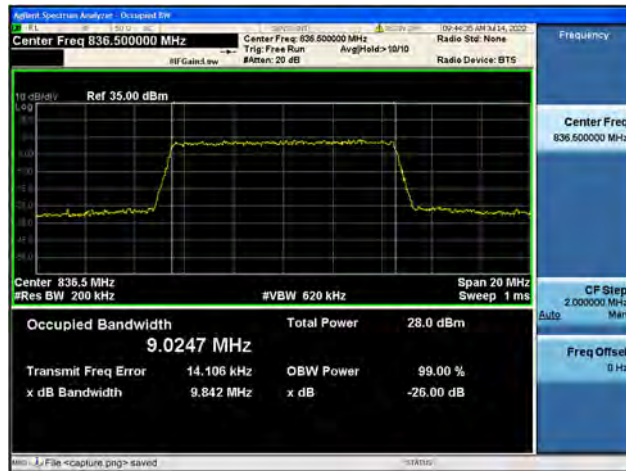


Band5 / 10MHz / 64QAM/ Low CH

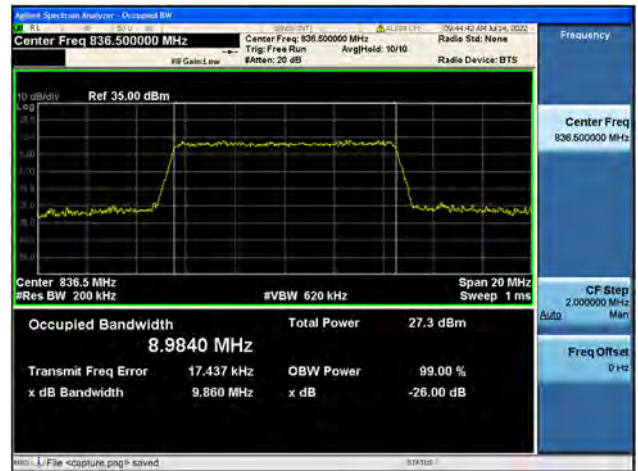




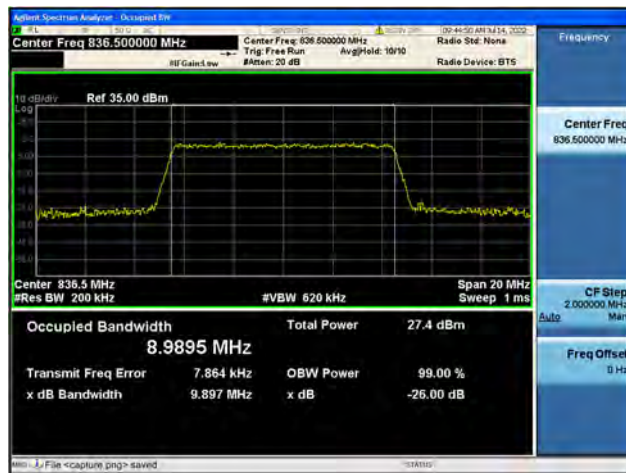
Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / 64QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH

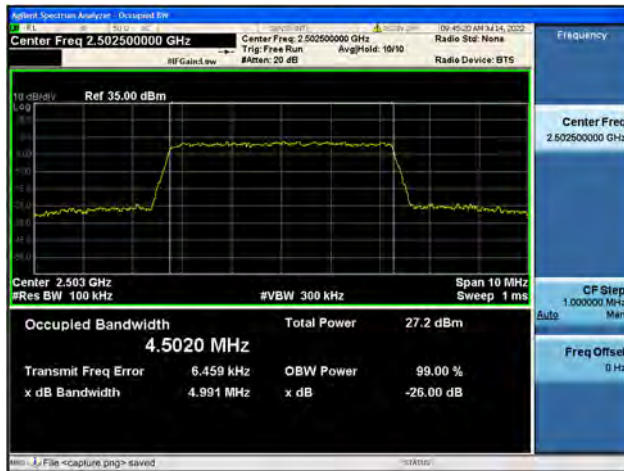


Band5 / 10MHz / 64QAM/ High CH





Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



Band7 / 5MHz / 64QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH

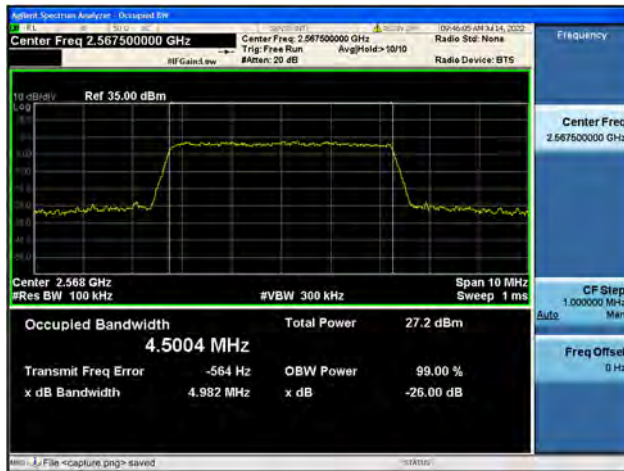


Band7 / 5MHz / 64QAM/ Mid CH





Band7 / 5MHz / QPSK/ High CH



Band7 / 5MHz / 16QAM/ High CH



Band7 / 5MHz / 64QAM/ High CH



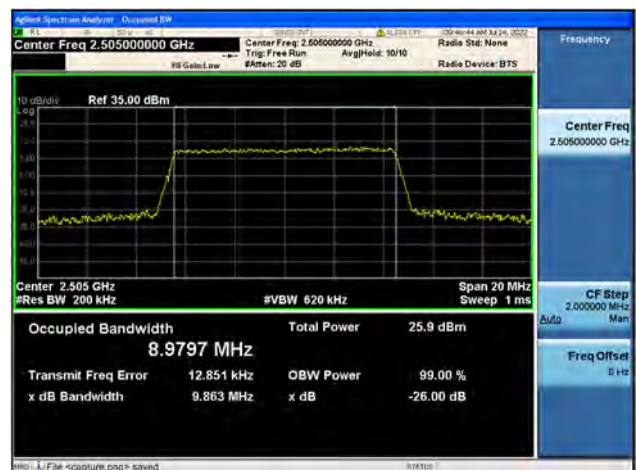
Band7 / 10MHz / QPSK/ Low CH



Band7 / 10MHz / 16QAM/ Low CH

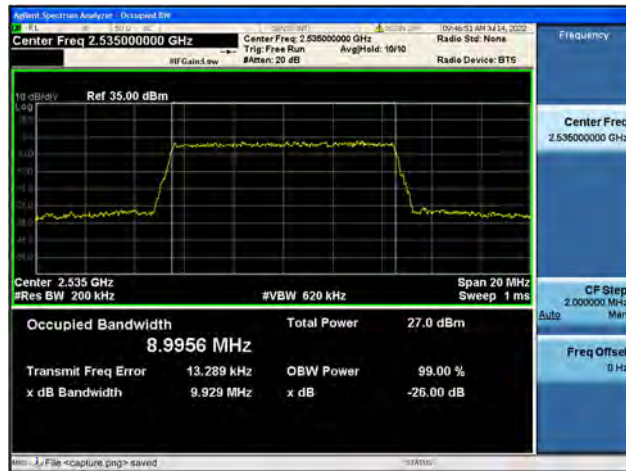


Band7 / 10MHz / 64QAM/ Low CH

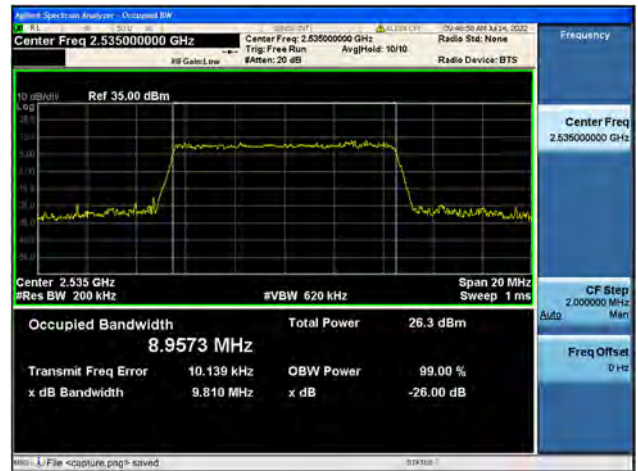




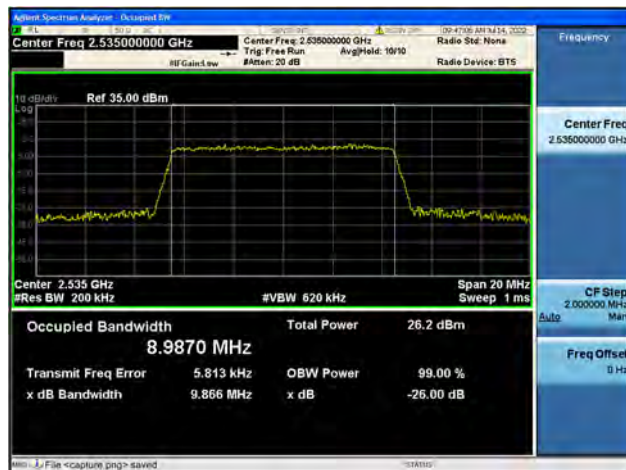
Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / 64QAM/ Mid CH



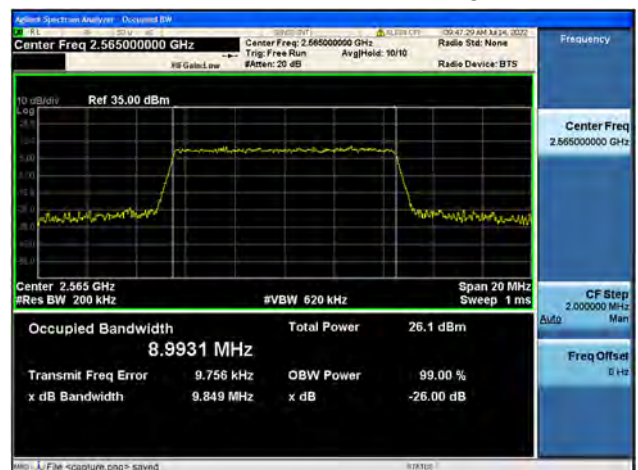
Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH

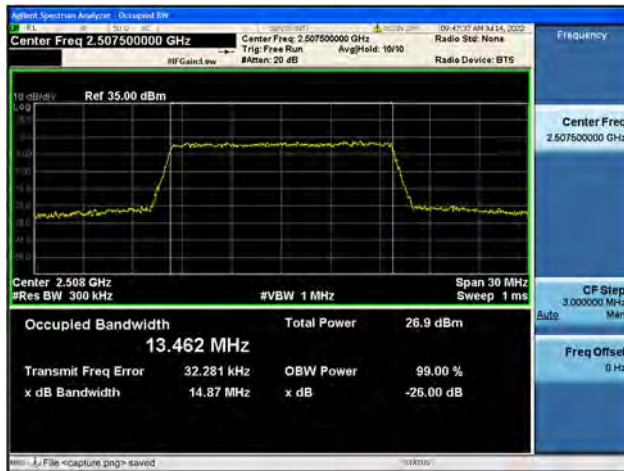


Band7 / 10MHz / 64QAM/ High CH

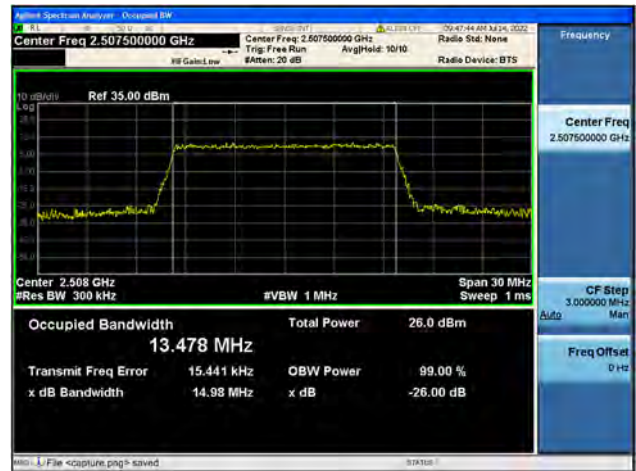




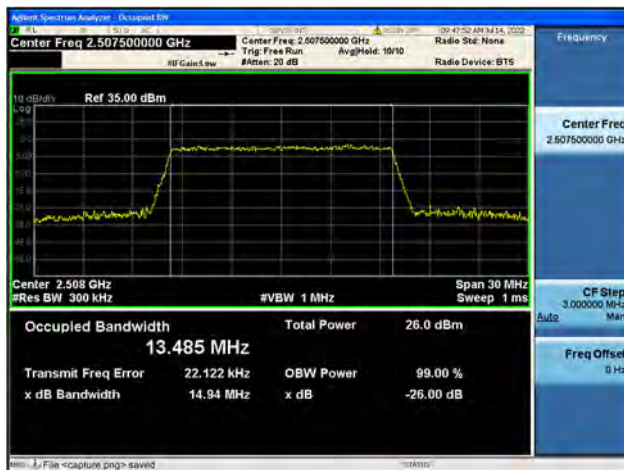
Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / 64QAM/ Low CH



Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH

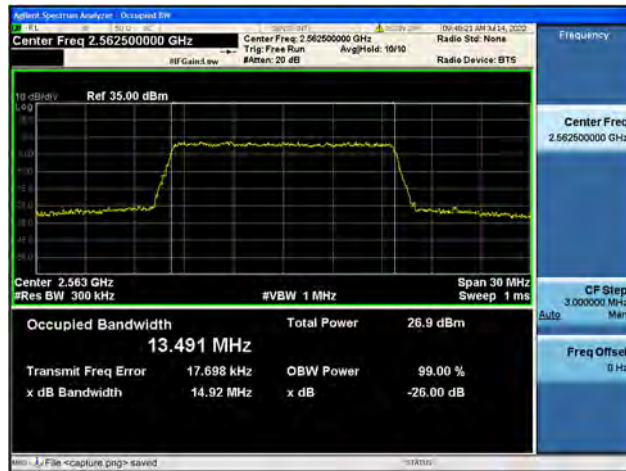


Band7 / 15MHz / 64QAM/ Mid CH





Band7 / 15MHz / QPSK/ High CH



Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH

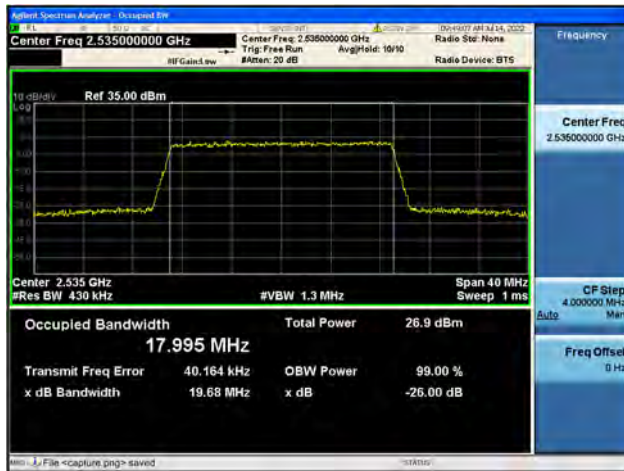


Band7 / 20MHz / 64QAM/ Low CH





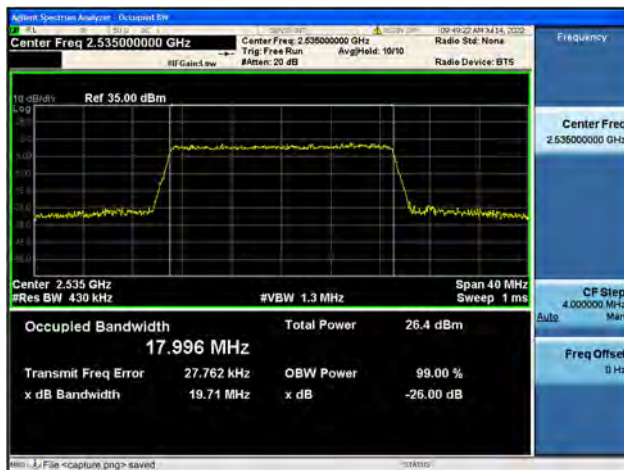
Band7 / 20MHz / QPSK/ Mid CH



Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



Band7 / 20MHz / 16QAM/ High CH

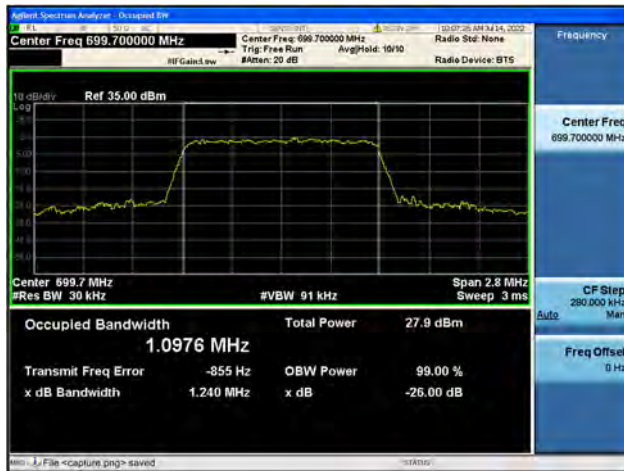


Band7 / 20MHz / 64QAM/ High CH





Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH

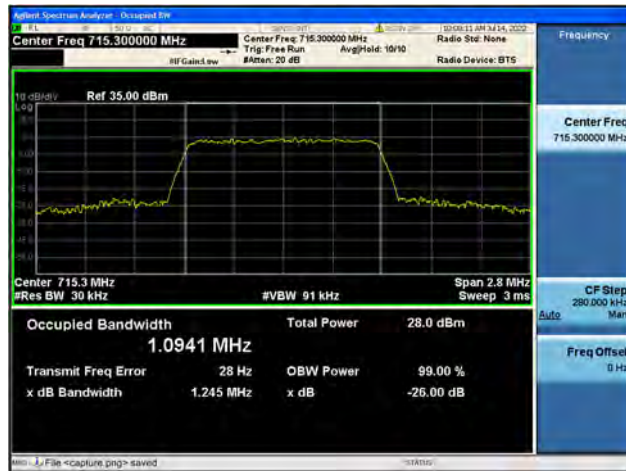


Band12 / 1.4MHz / 64QAM/ Mid CH

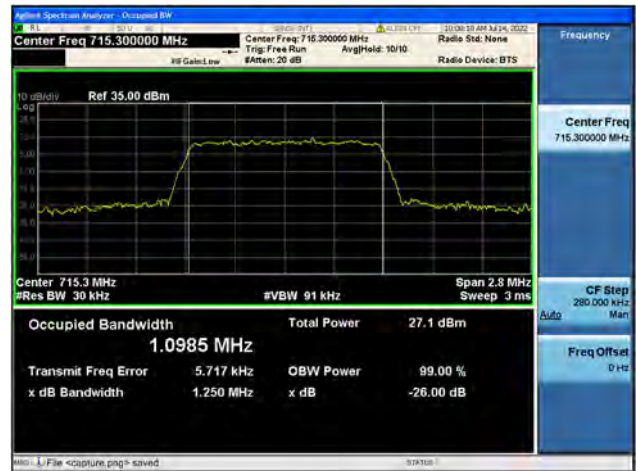




Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH

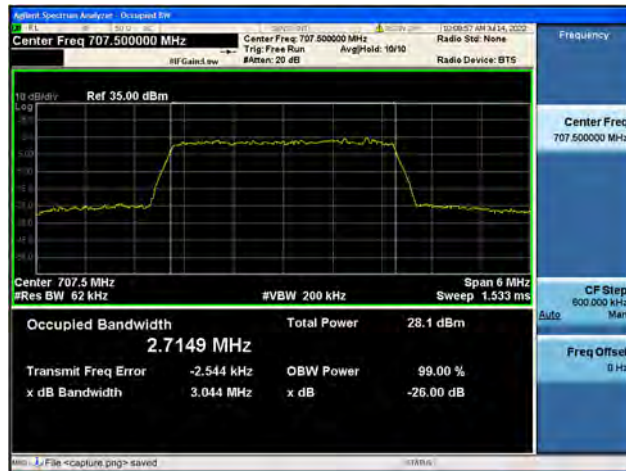


Band12 / 3MHz / 64QAM/ Low CH

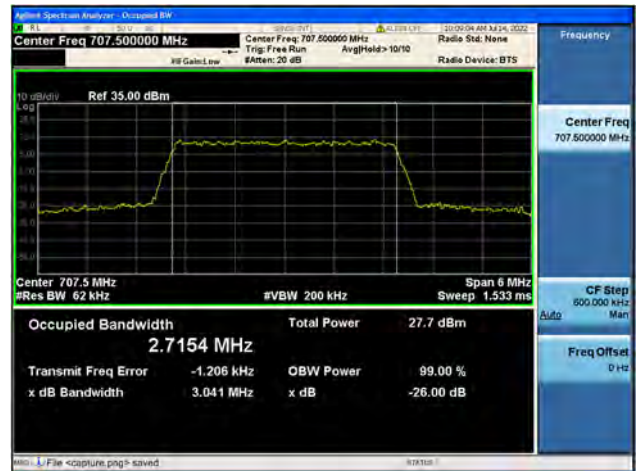




Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



Band12 / 3MHz / 16QAM/ High CH

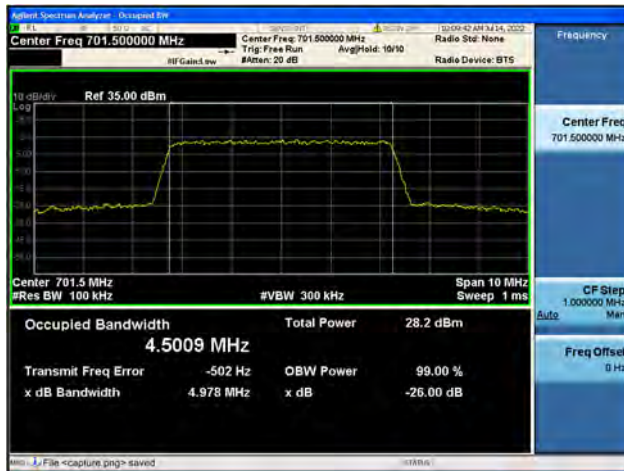


Band12 / 3MHz / 64QAM/ High CH

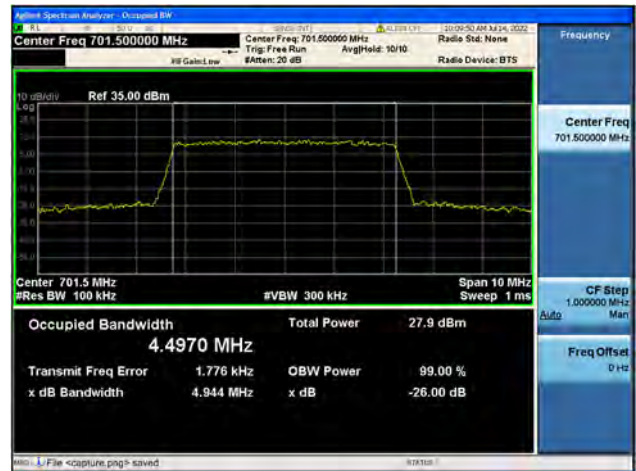




Band12 / 5MHz / QPSK/ Low CH



Band12 / 5MHz / 16QAM/ Low CH



Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



Band12 / 5MHz / 16QAM/ Mid CH

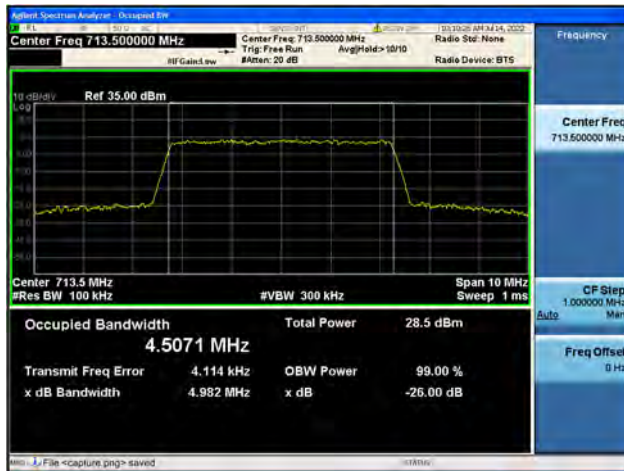


Band12 / 5MHz / 64QAM/ Mid CH

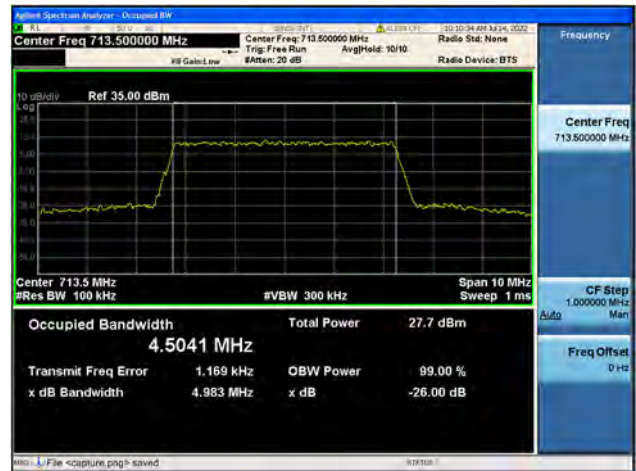




Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH

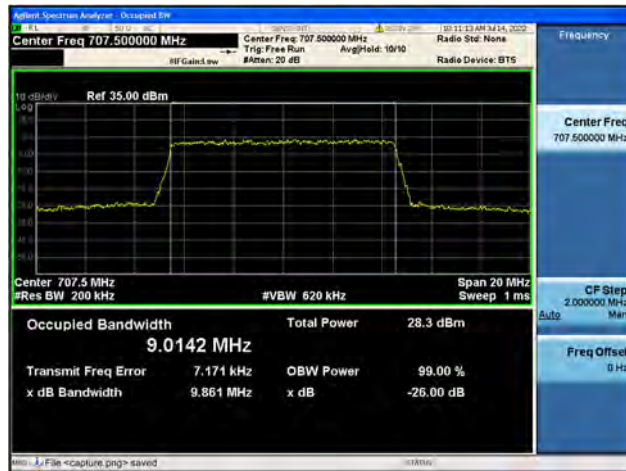


Band12 / 10MHz / 64QAM/ Low CH

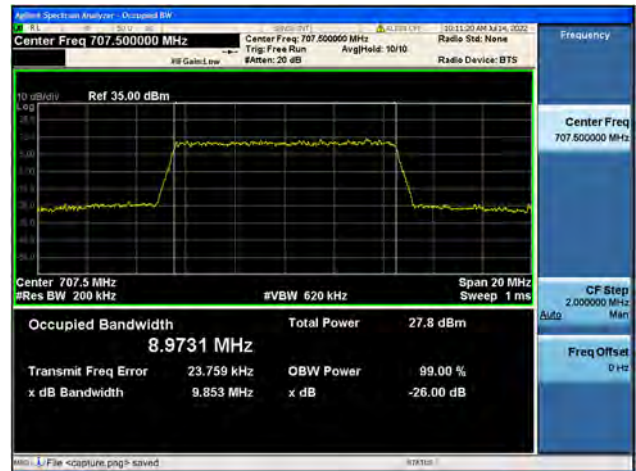




Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



Band12 / 10MHz / 64QAM/ High CH

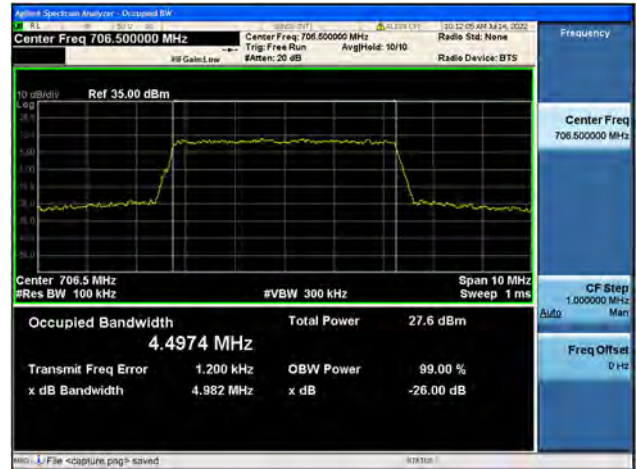




Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH





Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH





Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



Band17 / 10MHz / 64QAM/ High CH





Band66 / 1.4MHz / QPSK/ Low CH



Band66 / 1.4MHz / 16QAM/ Low CH



Band66 / 1.4MHz / 64QAM/ Low CH



Band66 / 1.4MHz / QPSK/ Mid CH



Band66 / 1.4MHz / 16QAM/ Mid CH

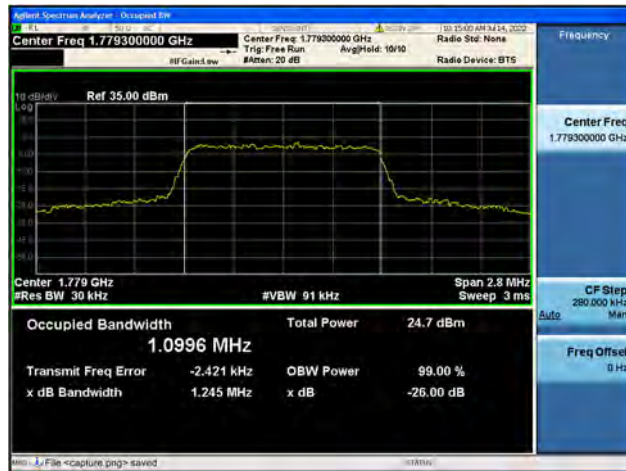


Band66 / 1.4MHz / 64QAM/ Mid CH

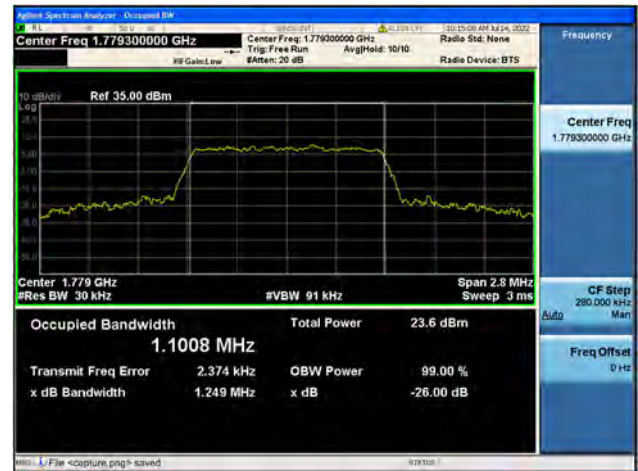




Band66 / 1.4MHz / QPSK/ High CH



Band66 / 1.4MHz / 16QAM/ High CH



Band66 / 1.4MHz / 64QAM/ High CH



Band66 / 3MHz / QPSK/ Low CH



Band66 / 3MHz / 16QAM/ Low CH

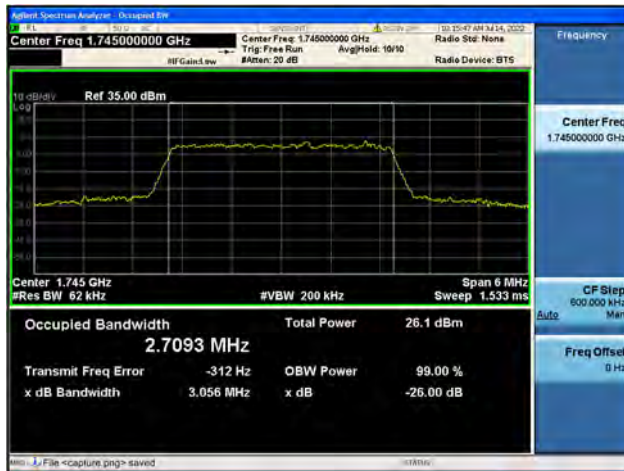


Band66 / 3MHz / 64QAM/ Low CH

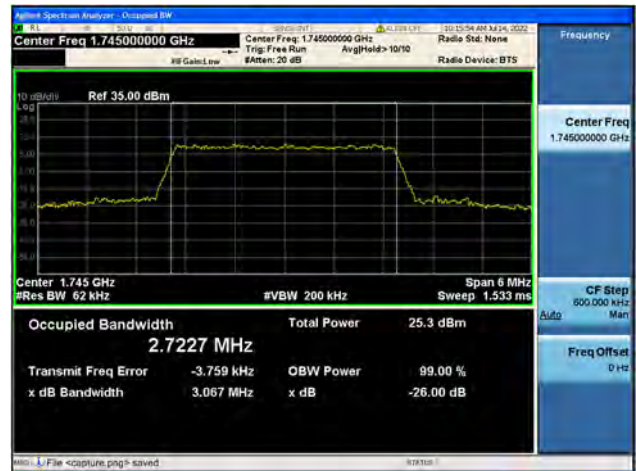




Band66 / 3MHz / QPSK/ Mid CH



Band66 / 3MHz / 16QAM/ Mid CH



Band66 / 3MHz / 64QAM/ Mid CH



Band66 / 3MHz / QPSK/ High CH



Band66 / 3MHz / 16QAM/ High CH

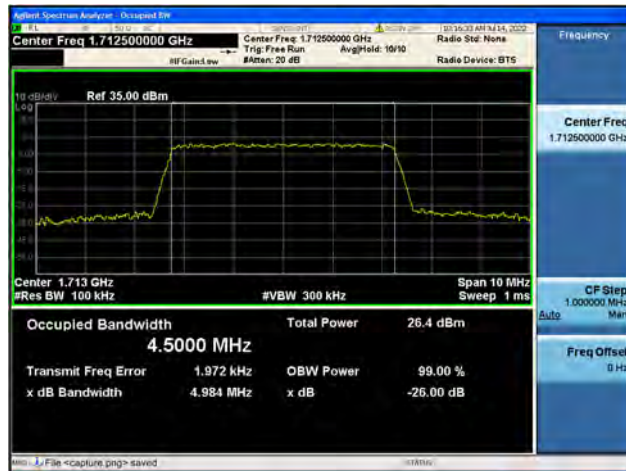


Band66 / 3MHz / 64QAM/ High CH





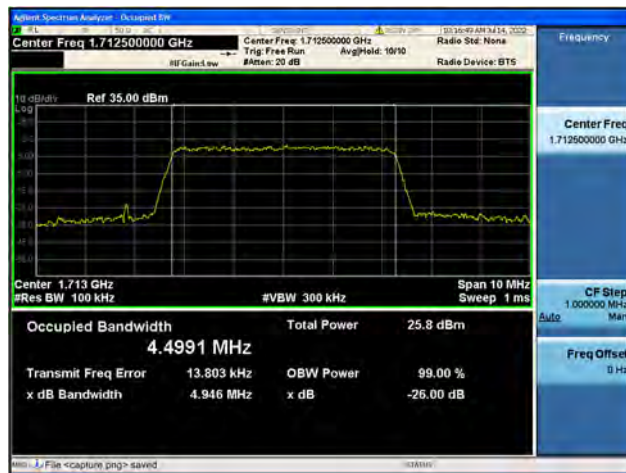
Band66 / 5MHz / QPSK/ Low CH



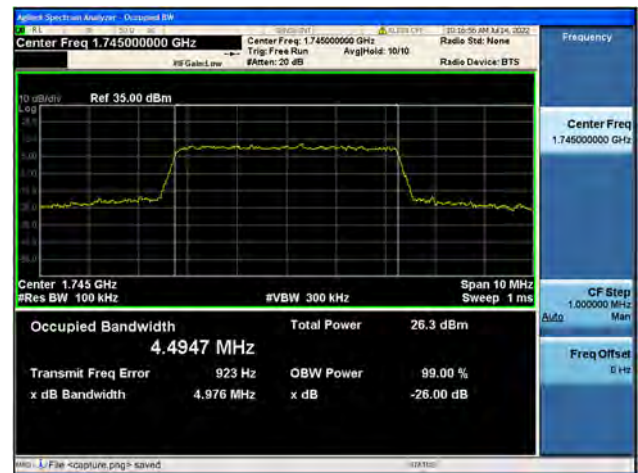
Band66 / 5MHz / 16QAM/ Low CH



Band66 / 5MHz / 64QAM/ Low CH



Band66 / 5MHz / QPSK/ Mid CH



Band66 / 5MHz / 16QAM/ Mid CH

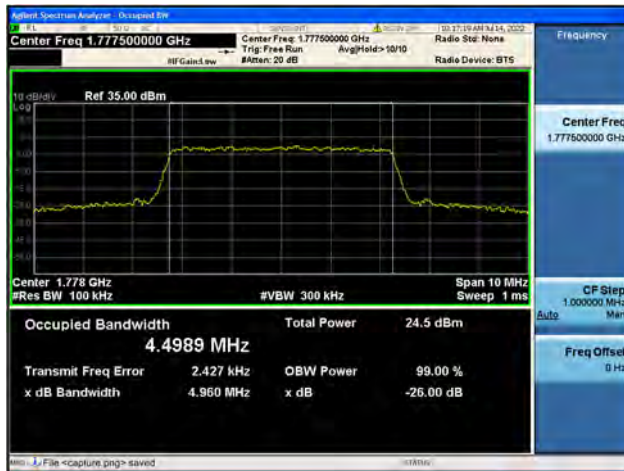


Band66 / 5MHz / 64QAM/ Mid CH





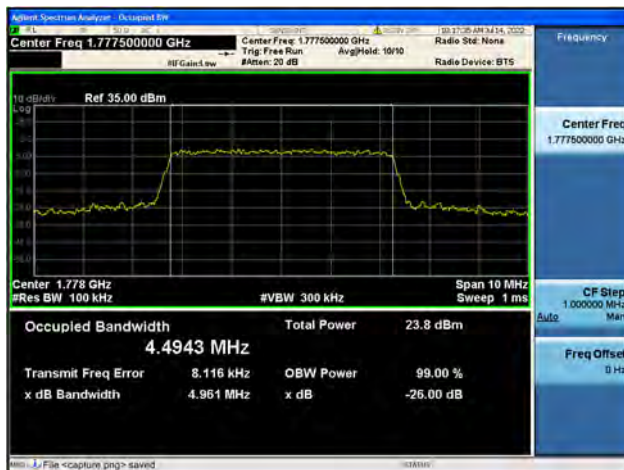
Band66 / 5MHz / QPSK/ High CH



Band66 / 5MHz / 16QAM/ High CH



Band66 / 5MHz / 64QAM/ High CH



Band66 / 10MHz / QPSK/ Low CH



Band66 / 10MHz / 16QAM/ Low CH

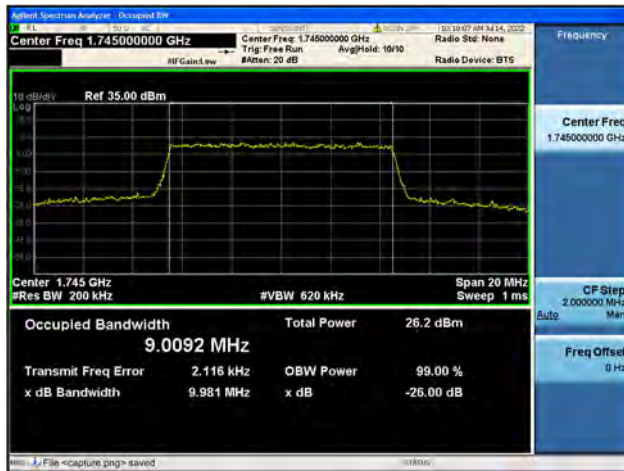


Band66 / 10MHz / 64QAM/ Low CH





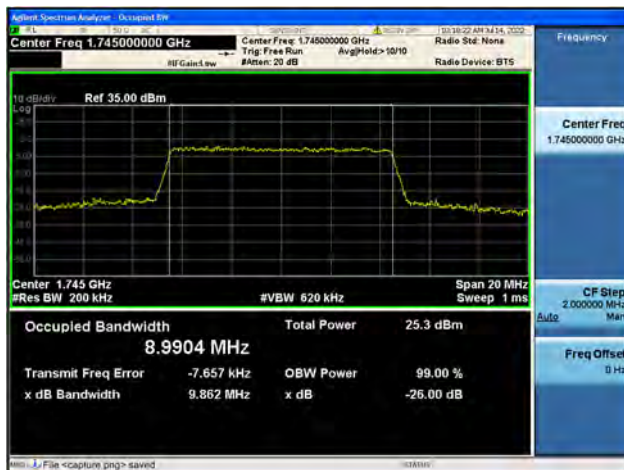
Band66 / 10MHz / QPSK/ Mid CH



Band66 / 10MHz / 16QAM/ Mid CH



Band66 / 10MHz / 64QAM/ Mid CH



Band66 / 10MHz / QPSK/ High CH



Band66 / 10MHz / 16QAM/ High CH



Band66 / 10MHz / 64QAM/ High CH

