



REPORT No.: SZ22120068W06

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Tablet

MODEL NAME : M10L PRO

BRAND NAME : BLU

FCC ID : YHLBLUM10LP

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&N

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Change History		
Version	Date	Reason for change
1.0	2023-01-31	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Sample No.:	6#	
Hardware Version:	T864AT_V4.0	
Software Version:	BLU_M0214_V12.0.01.00_GENERIC_15-12-2022	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
	LTE Band 71	Tx: 663MHz –698MHz
		Rx: 617MHz –652MHz



Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	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
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	1.4dBi
	LTE Band 4	1.2dBi
	LTE Band 5	-0.8dBi
	LTE Band 7	1.8dBi
	LTE Band 12	-0.9dBi
	LTE Band 17	-0.9dBi
	LTE Band 66	1.2dBi
	LTE Band 71	-1.1dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C12510129500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Dongguan Andefeng Battery Co., Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-CR-2001
	Serial No.:	N/A
	Rated Output:	5V=2000mA
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Huizhou Wanzhisheng New Energy 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	0.251	0.221	0.173	18M0G7D	18M1W7D	18M0W7D
15	0.248	0.210	0.171	13M5G7D	13M5W7D	13M5W7D
10	0.246	0.228	0.166	9M03G7D	9M00W7D	9M03W7D
5	0.244	0.220	0.171	4M50G7D	4M50W7D	4M51W7D
3	0.245	0.223	0.170	2M72G7D	2M72W7D	2M72W7D
1.4	0.243	0.198	0.163	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	0.242	0.208	0.164	18M0G7D	18M1W7D	18M0W7D
15	0.239	0.199	0.163	13M5G7D	13M5W7D	13M5W7D
10	0.237	0.200	0.165	9M04G7D	8M98W7D	9M03W7D
5	0.236	0.200	0.163	4M51G7D	4M50W7D	4M52W7D
3	0.240	0.205	0.155	2M71G7D	2M72W7D	2M71W7D
1.4	0.238	0.205	0.156	1M10G7D	1M10W7D	1M11W7D
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	0.091	0.076	0.060	9M02G7D	9M00W7D	9M01W7D
5	0.090	0.077	0.059	4M51G7D	4M50W7D	4M51W7D
3	0.090	0.076	0.059	2M72G7D	2M72W7D	2M71W7D
1.4	0.090	0.077	0.058	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	0.274	0.221	0.167	18M0G7D	18M0W7D	18M1W7D
15	0.269	0.236	0.167	13M5G7D	13M5W7D	13M5W7D
10	0.264	0.230	0.172	9M04G7D	8M99W7D	9M05W7D
5	0.264	0.214	0.168	4M50G7D	4M51W7D	4M52W7D
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	0.089	0.072	0.058	9M02G7D	8M99W7D	9M03W7D
5	0.087	0.071	0.057	4M51G7D	4M51W7D	4M52W7D
3	0.088	0.075	0.056	2M72G7D	2M72W7D	2M71W7D
1.4	0.086	0.073	0.054	1M10G7D	1M10W7D	1M11W7D



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	0.088	0.075	0.058	9M03G7D	8M98W7D	9M02W7D
5	0.086	0.082	0.058	4M50G7D	4M50W7D	4M51W7D
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	0.244	0.201	0.171	18M0G7D	18M1W7D	18M0W7D
15	0.242	0.203	0.172	13M5G7D	13M5W7D	13M5W7D
10	0.244	0.214	0.167	9M02G7D	8M98W7D	9M01W7D
5	0.242	0.215	0.169	4M50G7D	4M51W7D	4M51W7D
3	0.239	0.205	0.169	2M72G7D	2M72W7D	2M71W7D
1.4	0.240	0.210	0.170	1M10G7D	1M10W7D	1M11W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.087	0.071	0.058	18M1G7D	18M0W7D	18M1W7D
15	0.085	0.072	0.058	13M5G7D	13M5W7D	13M5W7D
10	0.085	0.070	0.057	9M01G7D	8M98W7D	9M00W7D
5	0.085	0.070	0.058	4M50G7D	4M50W7D	4M50W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jan. 30, 2023	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Dec. 27, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Dec. 30, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Ratio	Dec. 28, 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	Dec. 29, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Dec. 27, 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	Dec. 26, 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&N Requirements

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

2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2, 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.

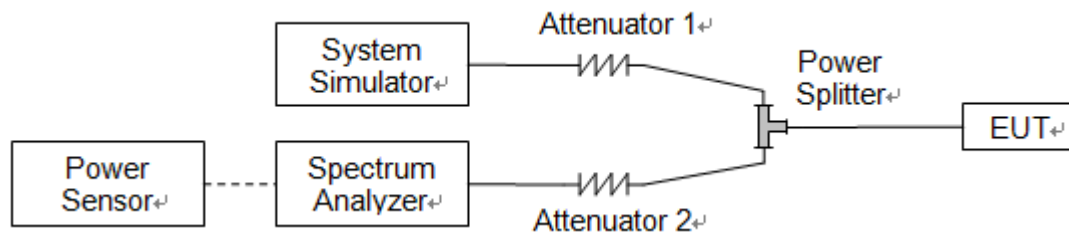
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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

**2.1.4. Result****Conducted Output Power:**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.57	22.60	22.54
20	QPSK	1	49	22.55	22.49	22.42
20	QPSK	1	99	22.49	22.45	22.43
20	QPSK	50	0	21.65	21.74	21.67
20	QPSK	50	24	21.66	21.71	21.71
20	QPSK	50	50	21.71	21.67	21.73
20	QPSK	100	0	21.64	21.73	21.69
20	16QAM	1	0	21.70	21.70	21.72
20	16QAM	1	49	21.54	21.84	21.80
20	16QAM	1	99	21.79	21.64	22.04
20	16QAM	50	0	21.72	21.69	21.67
20	16QAM	50	24	21.68	21.73	21.74
20	16QAM	50	50	21.76	21.73	21.80
20	16QAM	100	0	21.79	21.80	21.67
20	64QAM	1	0	20.74	20.93	20.67
20	64QAM	1	49	20.69	20.87	20.78
20	64QAM	1	99	20.64	20.97	20.97
20	64QAM	50	0	20.74	20.66	20.71
20	64QAM	50	24	20.77	20.71	20.76
20	64QAM	50	50	20.76	20.77	20.71
20	64QAM	100	0	20.64	20.61	20.62



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	22.38	22.41	22.32
15	QPSK	1	37	22.17	22.53	22.41
15	QPSK	1	74	22.54	22.46	22.54
15	QPSK	36	0	21.51	21.60	21.59
15	QPSK	36	20	21.50	21.69	21.66
15	QPSK	36	39	21.62	21.63	21.60
15	QPSK	75	0	21.54	21.60	21.56
15	16QAM	1	0	21.63	21.71	21.65
15	16QAM	1	37	21.76	21.79	21.65
15	16QAM	1	74	21.71	21.83	21.83
15	16QAM	36	0	21.50	21.55	21.58
15	16QAM	36	20	21.59	21.52	21.65
15	16QAM	36	39	21.64	21.73	21.70
15	16QAM	75	0	21.51	21.53	21.62
15	64QAM	1	0	20.71	20.47	20.53
15	64QAM	1	37	20.70	20.51	20.93
15	64QAM	1	74	20.59	20.63	20.78
15	64QAM	36	0	20.44	20.61	20.49
15	64QAM	36	20	20.64	20.66	20.56
15	64QAM	36	39	20.52	20.57	20.66
15	64QAM	75	0	20.51	20.58	20.57



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.42	22.41	22.51
10	QPSK	1	25	22.46	22.49	22.44
10	QPSK	1	49	22.42	22.43	22.42
10	QPSK	25	0	21.69	21.70	21.66
10	QPSK	25	12	21.65	21.77	21.70
10	QPSK	25	25	21.56	21.69	21.65
10	QPSK	50	0	21.62	21.71	21.69
10	16QAM	1	0	22.10	22.03	22.02
10	16QAM	1	25	21.79	21.75	21.82
10	16QAM	1	49	21.74	21.82	21.61
10	16QAM	25	0	21.64	21.63	21.60
10	16QAM	25	12	21.80	21.60	21.60
10	16QAM	25	25	21.60	21.80	21.90
10	16QAM	50	0	22.17	22.10	22.14
10	64QAM	1	0	20.68	20.73	20.73
10	64QAM	1	25	20.71	20.76	20.80
10	64QAM	1	49	20.38	20.51	20.48
10	64QAM	25	0	20.68	20.72	20.73
10	64QAM	25	12	20.71	20.69	20.70
10	64QAM	25	25	20.64	20.42	20.64
10	64QAM	50	0	20.65	20.65	20.62



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.42	22.47	22.41
5	QPSK	1	12	22.41	22.36	22.39
5	QPSK	1	24	22.37	22.45	22.46
5	QPSK	12	0	21.54	21.45	21.52
5	QPSK	12	7	21.55	21.60	21.52
5	QPSK	12	13	21.54	21.53	21.56
5	QPSK	25	0	21.53	21.51	21.53
5	16QAM	1	0	21.66	21.56	21.94
5	16QAM	1	12	21.64	21.57	21.94
5	16QAM	1	24	21.67	21.54	21.93
5	16QAM	12	0	21.76	21.90	21.76
5	16QAM	12	7	21.66	21.66	21.46
5	16QAM	12	13	21.46	21.79	21.56
5	16QAM	25	0	21.56	22.02	22.00
5	64QAM	1	0	20.76	20.48	20.53
5	64QAM	1	12	20.92	20.58	20.69
5	64QAM	1	24	20.93	20.57	20.59
5	64QAM	12	0	20.58	20.51	20.50
5	64QAM	12	7	20.64	20.48	20.48
5	64QAM	12	13	20.61	20.57	20.55
5	64QAM	25	0	20.68	20.48	20.55



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	22.36	22.43	22.35
3	QPSK	1	8	22.46	22.49	22.32
3	QPSK	1	14	22.47	22.34	22.34
3	QPSK	8	0	21.42	21.37	21.39
3	QPSK	8	4	21.48	21.42	21.43
3	QPSK	8	7	21.48	21.42	21.38
3	QPSK	15	0	21.40	21.48	21.41
3	16QAM	1	0	21.56	21.47	21.41
3	16QAM	1	8	21.60	21.54	21.50
3	16QAM	1	14	21.53	21.50	21.38
3	16QAM	8	0	21.96	22.09	22.01
3	16QAM	8	4	22.03	22.00	22.06
3	16QAM	8	7	21.93	21.98	22.01
3	16QAM	15	0	21.96	22.00	21.95
3	64QAM	1	0	20.49	20.42	20.45
3	64QAM	1	8	20.91	20.90	20.50
3	64QAM	1	14	20.52	20.88	20.52
3	64QAM	8	0	20.44	20.46	20.30
3	64QAM	8	4	20.54	20.44	20.44
3	64QAM	8	7	20.64	20.53	20.39
3	64QAM	15	0	20.49	20.49	20.47



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.42	22.45	22.40
1.4	QPSK	1	3	22.32	22.30	22.29
1.4	QPSK	1	5	22.29	22.27	22.25
1.4	QPSK	3	0	22.29	22.29	22.25
1.4	QPSK	3	1	22.33	22.30	22.28
1.4	QPSK	3	3	22.35	22.39	22.28
1.4	QPSK	6	0	21.38	21.36	21.35
1.4	16QAM	1	0	21.41	21.41	21.35
1.4	16QAM	1	3	21.37	21.57	21.55
1.4	16QAM	1	5	21.25	21.45	21.13
1.4	16QAM	3	0	21.27	21.32	21.29
1.4	16QAM	3	1	21.45	21.27	21.32
1.4	16QAM	3	3	21.47	21.44	21.18
1.4	16QAM	6	0	21.48	21.41	21.36
1.4	64QAM	1	0	20.36	20.28	20.31
1.4	64QAM	1	3	20.38	20.59	20.47
1.4	64QAM	1	5	20.36	20.71	20.30
1.4	64QAM	3	0	20.39	20.45	20.46
1.4	64QAM	3	1	20.48	20.45	20.66
1.4	64QAM	3	3	20.40	20.54	20.31
1.4	64QAM	6	0	20.45	20.48	20.37



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.56	22.64	22.63
20	QPSK	1	49	22.42	22.50	22.49
20	QPSK	1	99	22.34	22.47	22.59
20	QPSK	50	0	21.72	21.76	21.73
20	QPSK	50	24	21.63	21.71	21.71
20	QPSK	50	50	21.52	21.63	21.64
20	QPSK	100	0	21.62	21.66	21.73
20	16QAM	1	0	21.49	21.79	21.66
20	16QAM	1	49	21.64	21.41	21.55
20	16QAM	1	99	21.43	21.65	21.49
20	16QAM	50	0	21.62	21.55	21.69
20	16QAM	50	24	21.88	21.99	21.88
20	16QAM	50	50	21.84	21.85	21.85
20	16QAM	100	0	21.86	21.94	21.95
20	64QAM	1	0	20.60	20.71	20.93
20	64QAM	1	49	20.64	20.57	20.45
20	64QAM	1	99	20.91	20.48	20.95
20	64QAM	50	0	20.61	20.70	20.65
20	64QAM	50	24	20.63	20.74	20.68
20	64QAM	50	50	20.67	20.62	20.64
20	64QAM	100	0	20.70	20.68	20.77



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.43	22.47	22.57
15	QPSK	1	37	22.47	22.56	22.48
15	QPSK	1	74	22.34	22.56	22.59
15	QPSK	36	0	21.57	21.64	21.67
15	QPSK	36	20	21.61	21.74	21.70
15	QPSK	36	39	21.66	21.65	21.74
15	QPSK	75	0	21.61	21.63	21.64
15	16QAM	1	0	21.55	21.77	21.49
15	16QAM	1	37	21.63	21.63	21.47
15	16QAM	1	74	21.49	21.79	21.58
15	16QAM	36	0	21.50	21.52	21.71
15	16QAM	36	20	21.45	21.52	21.58
15	16QAM	36	39	21.41	21.50	21.56
15	16QAM	75	0	21.52	21.53	21.62
15	64QAM	1	0	20.47	20.78	20.83
15	64QAM	1	37	20.89	20.65	20.71
15	64QAM	1	74	20.93	20.64	20.68
15	64QAM	36	0	20.58	20.65	20.69
15	64QAM	36	20	20.64	20.66	20.68
15	64QAM	36	39	20.67	20.63	20.65
15	64QAM	75	0	20.60	20.71	20.64



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.55	22.54	22.37
10	QPSK	1	25	22.53	22.46	22.47
10	QPSK	1	49	22.41	22.24	22.47
10	QPSK	25	0	21.40	21.62	21.64
10	QPSK	25	12	21.52	21.58	21.62
10	QPSK	25	25	21.41	21.52	21.59
10	QPSK	50	0	21.47	21.57	21.49
10	16QAM	1	0	21.46	21.61	21.37
10	16QAM	1	25	21.73	21.47	21.79
10	16QAM	1	49	21.80	21.70	21.69
10	16QAM	25	0	21.46	21.45	21.44
10	16QAM	25	12	21.38	21.48	21.45
10	16QAM	25	25	21.72	21.63	21.72
10	16QAM	50	0	21.66	21.70	21.82
10	64QAM	1	0	20.52	20.60	20.50
10	64QAM	1	25	20.59	20.88	20.97
10	64QAM	1	49	20.57	20.61	20.56
10	64QAM	25	0	20.41	20.55	20.54
10	64QAM	25	12	20.50	20.61	20.65
10	64QAM	25	25	20.38	20.50	20.52
10	64QAM	50	0	20.44	20.51	20.50



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.52	22.47	22.52
5	QPSK	1	12	22.51	22.46	22.43
5	QPSK	1	24	22.26	22.38	22.37
5	QPSK	12	0	21.48	21.48	21.52
5	QPSK	12	7	21.48	21.59	21.56
5	QPSK	12	13	21.43	21.60	21.52
5	QPSK	25	0	21.46	21.50	21.56
5	16QAM	1	0	21.36	21.77	21.45
5	16QAM	1	12	21.47	21.82	21.41
5	16QAM	1	24	21.41	21.76	21.36
5	16QAM	12	0	21.40	21.34	21.37
5	16QAM	12	7	21.43	21.47	21.45
5	16QAM	12	13	21.70	21.77	21.81
5	16QAM	25	0	21.71	21.82	21.75
5	64QAM	1	0	20.48	20.92	20.90
5	64QAM	1	12	20.86	20.62	20.89
5	64QAM	1	24	20.82	20.52	20.59
5	64QAM	12	0	20.49	20.56	20.58
5	64QAM	12	7	20.48	20.57	20.63
5	64QAM	12	13	20.49	20.55	20.54
5	64QAM	25	0	20.44	20.58	20.49



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.37	22.38	22.50
3	QPSK	1	8	22.46	22.60	22.54
3	QPSK	1	14	22.26	22.45	22.45
3	QPSK	8	0	21.46	21.52	21.53
3	QPSK	8	4	21.52	21.60	21.62
3	QPSK	8	7	21.48	21.58	21.58
3	QPSK	15	0	21.48	21.54	21.48
3	16QAM	1	0	21.56	21.65	21.69
3	16QAM	1	8	21.78	21.78	21.52
3	16QAM	1	14	21.69	21.47	21.55
3	16QAM	8	0	21.48	21.49	21.58
3	16QAM	8	4	21.58	21.58	21.59
3	16QAM	8	7	21.80	21.88	21.92
3	16QAM	15	0	21.80	21.78	21.85
3	64QAM	1	0	20.47	20.56	20.54
3	64QAM	1	8	20.66	20.54	20.70
3	64QAM	1	14	20.47	20.54	20.37
3	64QAM	8	0	20.45	20.49	20.43
3	64QAM	8	4	20.57	20.55	20.59
3	64QAM	8	7	20.51	20.58	20.70
3	64QAM	15	0	20.47	20.55	20.46



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.52	22.57	22.55
1.4	QPSK	1	3	22.46	22.46	22.50
1.4	QPSK	1	5	22.32	22.41	22.43
1.4	QPSK	3	0	22.40	22.37	22.36
1.4	QPSK	3	1	22.36	22.46	22.51
1.4	QPSK	3	3	22.35	22.42	22.41
1.4	QPSK	6	0	21.51	21.53	21.49
1.4	16QAM	1	0	21.45	21.92	21.58
1.4	16QAM	1	3	21.58	21.66	21.70
1.4	16QAM	1	5	21.64	21.80	21.60
1.4	16QAM	3	0	21.67	21.71	21.62
1.4	16QAM	3	1	21.68	21.71	21.73
1.4	16QAM	3	3	21.67	21.79	21.68
1.4	16QAM	6	0	21.58	21.59	21.50
1.4	64QAM	1	0	20.36	20.30	20.44
1.4	64QAM	1	3	20.62	20.60	20.72
1.4	64QAM	1	5	20.53	20.49	20.33
1.4	64QAM	3	0	20.44	20.42	20.61
1.4	64QAM	3	1	20.35	20.50	20.47
1.4	64QAM	3	3	20.41	20.58	20.46
1.4	64QAM	6	0	20.40	20.41	20.48



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	22.52	22.53	22.45
10	QPSK	1	25	22.38	22.41	22.21
10	QPSK	1	49	22.30	22.42	22.10
10	QPSK	25	0	21.61	21.63	21.44
10	QPSK	25	12	21.37	21.39	21.44
10	QPSK	25	25	21.37	21.48	21.53
10	QPSK	50	0	21.43	21.31	21.45
10	16QAM	1	0	21.47	21.66	21.37
10	16QAM	1	25	21.70	21.73	21.41
10	16QAM	1	49	21.53	21.59	21.66
10	16QAM	25	0	21.62	21.63	21.45
10	16QAM	25	12	21.56	21.64	21.42
10	16QAM	25	25	21.59	21.52	21.55
10	16QAM	50	0	21.60	21.51	21.41
10	64QAM	1	0	20.56	20.66	20.54
10	64QAM	1	25	20.53	20.73	20.53
10	64QAM	1	49	20.42	20.64	20.55
10	64QAM	25	0	20.53	20.64	20.31
10	64QAM	25	12	20.52	20.69	20.40
10	64QAM	25	25	20.64	20.53	20.23
10	64QAM	50	0	20.60	20.56	20.42



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.47	22.43	22.41
5	QPSK	1	12	22.37	22.48	22.32
5	QPSK	1	24	22.37	22.32	22.32
5	QPSK	12	0	21.52	21.57	21.43
5	QPSK	12	7	21.59	21.60	21.52
5	QPSK	12	13	21.64	21.48	21.43
5	QPSK	25	0	21.55	21.51	21.43
5	16QAM	1	0	21.84	21.77	21.53
5	16QAM	1	12	21.54	21.76	21.52
5	16QAM	1	24	21.41	21.76	21.59
5	16QAM	12	0	21.50	21.59	21.58
5	16QAM	12	7	21.57	21.60	21.42
5	16QAM	12	13	21.57	21.48	21.53
5	16QAM	25	0	21.58	21.63	21.58
5	64QAM	1	0	20.65	20.53	20.64
5	64QAM	1	12	20.53	20.47	20.61
5	64QAM	1	24	20.67	20.51	20.45
5	64QAM	12	0	20.39	20.53	20.33
5	64QAM	12	7	20.43	20.59	20.37
5	64QAM	12	13	20.61	20.56	20.13
5	64QAM	25	0	20.49	20.56	20.17



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.46	22.47	22.32
3	QPSK	1	8	22.42	22.43	22.34
3	QPSK	1	14	22.43	22.41	22.15
3	QPSK	8	0	21.45	21.58	21.56
3	QPSK	8	4	21.59	21.65	21.62
3	QPSK	8	7	21.54	21.56	21.43
3	QPSK	15	0	21.52	21.58	21.57
3	16QAM	1	0	21.54	21.65	21.72
3	16QAM	1	8	21.47	21.73	21.57
3	16QAM	1	14	21.52	21.78	21.53
3	16QAM	8	0	21.48	21.57	21.31
3	16QAM	8	4	21.64	21.75	21.32
3	16QAM	8	7	21.56	21.62	21.36
3	16QAM	15	0	21.50	21.52	21.07
3	64QAM	1	0	20.45	20.33	20.54
3	64QAM	1	8	20.33	20.57	20.33
3	64QAM	1	14	20.35	20.53	20.34
3	64QAM	8	0	20.45	20.55	20.53
3	64QAM	8	4	20.67	20.51	20.45
3	64QAM	8	7	20.62	20.54	20.51
3	64QAM	15	0	20.51	20.61	20.41



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.47	22.44	22.48
1.4	QPSK	1	3	22.50	22.43	22.50
1.4	QPSK	1	5	22.39	22.33	22.34
1.4	QPSK	3	0	22.40	22.46	22.42
1.4	QPSK	3	1	22.46	22.33	22.43
1.4	QPSK	3	3	22.47	22.39	22.39
1.4	QPSK	6	0	21.50	21.49	21.48
1.4	16QAM	1	0	21.63	21.44	21.61
1.4	16QAM	1	3	21.43	21.67	21.56
1.4	16QAM	1	5	21.82	21.50	21.56
1.4	16QAM	3	0	21.35	21.33	21.47
1.4	16QAM	3	1	21.38	21.65	21.51
1.4	16QAM	3	3	21.46	21.57	21.45
1.4	16QAM	6	0	21.65	21.52	21.56
1.4	64QAM	1	0	20.18	20.35	20.37
1.4	64QAM	1	3	20.49	20.50	20.45
1.4	64QAM	1	5	20.44	20.43	20.31
1.4	64QAM	3	0	20.10	20.37	20.38
1.4	64QAM	3	1	20.38	20.32	20.33
1.4	64QAM	3	3	20.28	20.45	20.49
1.4	64QAM	6	0	20.49	20.61	20.50



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.56	22.57	22.49
20	QPSK	1	49	22.51	22.55	22.44
20	QPSK	1	99	22.46	22.41	22.46
20	QPSK	50	0	21.62	21.69	21.66
20	QPSK	50	24	21.38	21.35	21.25
20	QPSK	50	50	21.48	21.51	21.48
20	QPSK	100	0	21.43	21.45	21.42
20	16QAM	1	0	21.24	21.34	21.52
20	16QAM	1	49	21.39	21.25	21.53
20	16QAM	1	99	21.33	21.64	21.29
20	16QAM	50	0	21.18	21.28	21.21
20	16QAM	50	24	21.23	21.15	21.26
20	16QAM	50	50	21.31	21.36	21.19
20	16QAM	100	0	21.19	21.31	21.29
20	64QAM	1	0	20.07	20.23	20.25
20	64QAM	1	49	20.35	20.32	20.37
20	64QAM	1	99	20.33	20.38	20.29
20	64QAM	50	0	20.27	20.28	20.33
20	64QAM	50	24	20.32	20.33	20.33
20	64QAM	50	50	20.36	20.43	20.28
20	64QAM	100	0	20.29	20.26	20.38



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.39	22.48	22.48
15	QPSK	1	37	22.49	22.46	22.50
15	QPSK	1	74	22.43	22.50	22.50
15	QPSK	36	0	21.21	21.30	21.32
15	QPSK	36	20	21.29	21.36	21.31
15	QPSK	36	39	21.32	21.35	21.39
15	QPSK	75	0	21.38	21.31	21.33
15	16QAM	1	0	21.74	21.85	21.92
15	16QAM	1	37	21.56	21.67	21.65
15	16QAM	1	74	21.60	21.60	21.82
15	16QAM	36	0	21.19	21.30	21.32
15	16QAM	36	20	21.26	21.29	21.28
15	16QAM	36	39	21.32	21.30	21.19
15	16QAM	75	0	21.27	21.35	21.27
15	64QAM	1	0	20.17	20.14	20.02
15	64QAM	1	37	20.07	20.22	20.31
15	64QAM	1	74	20.06	20.18	20.24
15	64QAM	36	0	20.25	20.33	20.32
15	64QAM	36	20	20.36	20.35	20.42
15	64QAM	36	39	20.40	20.31	20.33
15	64QAM	75	0	20.25	20.35	20.30



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.38	22.25	22.28
10	QPSK	1	25	22.41	22.31	22.33
10	QPSK	1	49	22.34	22.31	22.33
10	QPSK	25	0	21.13	21.13	21.12
10	QPSK	25	12	21.09	21.21	21.26
10	QPSK	25	25	21.02	21.20	21.20
10	QPSK	50	0	21.11	21.23	21.22
10	16QAM	1	0	21.36	21.54	21.39
10	16QAM	1	25	21.35	21.37	21.42
10	16QAM	1	49	21.82	21.72	21.63
10	16QAM	25	0	21.25	21.13	21.21
10	16QAM	25	12	21.07	21.24	21.17
10	16QAM	25	25	21.12	21.15	21.07
10	16QAM	50	0	21.15	21.24	21.09
10	64QAM	1	0	20.17	20.13	20.11
10	64QAM	1	25	20.20	20.45	20.28
10	64QAM	1	49	20.31	20.55	20.36
10	64QAM	25	0	20.17	20.15	20.19
10	64QAM	25	12	20.19	20.30	20.23
10	64QAM	25	25	20.12	20.02	20.01
10	64QAM	50	0	20.06	20.12	20.04



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.42	22.33	22.23
5	QPSK	1	12	22.29	22.22	22.30
5	QPSK	1	24	22.23	22.29	22.33
5	QPSK	12	0	20.93	21.01	20.93
5	QPSK	12	7	21.00	21.15	21.07
5	QPSK	12	13	21.02	21.18	21.03
5	QPSK	25	0	21.03	21.04	20.99
5	16QAM	1	0	21.21	21.19	21.25
5	16QAM	1	12	21.26	21.48	21.38
5	16QAM	1	24	21.32	21.51	21.33
5	16QAM	12	0	21.23	21.29	21.20
5	16QAM	12	7	21.12	21.14	21.10
5	16QAM	12	13	21.12	21.18	21.31
5	16QAM	25	0	21.09	21.14	21.16
5	64QAM	1	0	20.27	20.32	20.28
5	64QAM	1	12	20.32	20.44	20.32
5	64QAM	1	24	20.36	20.46	20.42
5	64QAM	12	0	20.07	20.04	20.09
5	64QAM	12	7	20.16	20.21	20.00
5	64QAM	12	13	20.11	20.20	20.06
5	64QAM	25	0	20.06	20.05	20.10



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	22.39	22.55	22.44
10	QPSK	1	25	22.25	22.38	22.41
10	QPSK	1	49	22.35	22.36	22.35
10	QPSK	25	0	21.64	21.74	21.65
10	QPSK	25	12	21.61	21.55	21.34
10	QPSK	25	25	21.66	21.72	21.65
10	QPSK	50	0	21.67	21.69	21.60
10	16QAM	1	0	21.60	21.15	21.28
10	16QAM	1	25	21.35	21.30	21.44
10	16QAM	1	49	21.44	21.49	21.38
10	16QAM	25	0	21.33	21.35	21.29
10	16QAM	25	12	21.37	21.41	21.30
10	16QAM	25	25	21.42	21.43	21.37
10	16QAM	50	0	21.32	21.40	21.45
10	64QAM	1	0	20.17	20.29	20.63
10	64QAM	1	25	20.61	20.67	20.26
10	64QAM	1	49	20.63	20.31	20.24
10	64QAM	25	0	20.14	20.08	20.05
10	64QAM	25	12	20.19	20.22	20.14
10	64QAM	25	25	20.24	20.21	20.21
10	64QAM	50	0	20.16	20.09	20.20



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.14	22.47	22.25
5	QPSK	1	12	22.30	22.46	22.30
5	QPSK	1	24	22.26	22.45	22.31
5	QPSK	12	0	21.37	21.44	21.43
5	QPSK	12	7	21.48	21.50	21.47
5	QPSK	12	13	21.43	21.46	21.43
5	QPSK	25	0	21.39	21.51	21.47
5	16QAM	1	0	21.40	21.42	21.44
5	16QAM	1	12	21.57	21.52	21.53
5	16QAM	1	24	21.53	21.51	21.47
5	16QAM	12	0	21.27	21.24	21.27
5	16QAM	12	7	21.41	21.46	21.30
5	16QAM	12	13	21.36	21.33	21.38
5	16QAM	25	0	21.37	21.33	21.35
5	64QAM	1	0	20.15	20.16	20.21
5	64QAM	1	12	20.60	20.30	20.23
5	64QAM	1	24	20.58	20.27	20.32
5	64QAM	12	0	20.12	20.14	20.09
5	64QAM	12	7	20.22	20.10	20.16
5	64QAM	12	13	20.09	20.19	20.24
5	64QAM	25	0	20.24	20.20	20.17



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.22	22.49	22.16
3	QPSK	1	8	22.40	22.39	22.29
3	QPSK	1	14	22.34	22.45	22.40
3	QPSK	8	0	21.45	21.43	21.43
3	QPSK	8	4	21.48	21.51	21.52
3	QPSK	8	7	21.43	21.51	21.45
3	QPSK	15	0	21.42	21.50	21.36
3	16QAM	1	0	21.43	21.79	21.38
3	16QAM	1	8	21.63	21.61	21.56
3	16QAM	1	14	21.46	21.51	21.37
3	16QAM	8	0	21.43	21.32	21.35
3	16QAM	8	4	21.48	21.45	21.56
3	16QAM	8	7	21.32	21.35	21.41
3	16QAM	15	0	21.30	21.23	21.22
3	64QAM	1	0	20.16	20.50	20.49
3	64QAM	1	8	20.45	20.35	20.36
3	64QAM	1	14	20.38	20.23	20.34
3	64QAM	8	0	20.05	20.13	20.04
3	64QAM	8	4	20.14	20.18	20.17
3	64QAM	8	7	20.13	20.05	20.20
3	64QAM	15	0	20.12	20.14	20.06



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.25	22.42	22.22
1.4	QPSK	1	3	22.36	22.35	22.37
1.4	QPSK	1	5	22.25	22.30	22.26
1.4	QPSK	3	0	22.20	22.33	22.31
1.4	QPSK	3	1	22.41	22.41	22.08
1.4	QPSK	3	3	22.36	22.38	22.34
1.4	QPSK	6	0	21.42	21.39	21.37
1.4	16QAM	1	0	21.46	21.40	21.25
1.4	16QAM	1	3	21.27	21.70	21.37
1.4	16QAM	1	5	21.39	21.40	21.39
1.4	16QAM	3	0	21.23	21.26	21.27
1.4	16QAM	3	1	21.39	21.47	21.31
1.4	16QAM	3	3	21.22	21.36	21.36
1.4	16QAM	6	0	21.15	21.35	21.25
1.4	64QAM	1	0	20.00	20.15	19.99
1.4	64QAM	1	3	20.12	20.05	20.10
1.4	64QAM	1	5	20.28	20.31	20.27
1.4	64QAM	3	0	20.18	20.19	20.02
1.4	64QAM	3	1	20.16	20.40	20.25
1.4	64QAM	3	3	20.18	20.02	20.18
1.4	64QAM	6	0	20.14	20.15	20.02



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	22.48	22.51	22.48
10	QPSK	1	25	22.36	22.32	22.38
10	QPSK	1	49	22.29	22.32	22.27
10	QPSK	25	0	21.59	21.65	21.57
10	QPSK	25	12	21.44	21.38	21.52
10	QPSK	25	25	21.42	21.42	21.51
10	QPSK	50	0	21.55	21.42	21.43
10	16QAM	1	0	21.28	21.47	21.61
10	16QAM	1	25	21.49	21.78	21.62
10	16QAM	1	49	21.45	21.70	21.75
10	16QAM	25	0	21.39	21.63	21.62
10	16QAM	25	12	21.45	21.60	21.58
10	16QAM	25	25	21.28	21.54	21.59
10	16QAM	50	0	21.32	21.61	21.58
10	64QAM	1	0	20.29	20.62	20.30
10	64QAM	1	25	20.52	20.42	20.32
10	64QAM	1	49	20.26	20.29	20.29
10	64QAM	25	0	20.44	20.61	20.59
10	64QAM	25	12	20.36	20.44	20.61
10	64QAM	25	25	20.30	20.51	20.67
10	64QAM	50	0	20.37	20.60	20.61



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	22.42	22.38	22.34
5	QPSK	1	12	22.41	22.37	22.36
5	QPSK	1	24	22.33	22.39	22.38
5	QPSK	12	0	21.49	21.67	21.83
5	QPSK	12	7	21.61	21.70	21.78
5	QPSK	12	13	21.44	21.72	21.78
5	QPSK	25	0	21.47	21.64	21.77
5	16QAM	1	0	21.95	22.00	21.72
5	16QAM	1	12	22.12	21.68	22.05
5	16QAM	1	24	21.96	22.01	22.17
5	16QAM	12	0	21.40	21.43	21.64
5	16QAM	12	7	21.40	21.47	21.59
5	16QAM	12	13	21.31	21.56	21.59
5	16QAM	25	0	21.41	21.53	21.57
5	64QAM	1	0	20.21	20.22	20.22
5	64QAM	1	12	20.25	20.22	20.30
5	64QAM	1	24	20.30	20.30	20.22
5	64QAM	12	0	20.36	20.41	20.65
5	64QAM	12	7	20.49	20.57	20.51
5	64QAM	12	13	20.34	20.52	20.54
5	64QAM	25	0	20.31	20.50	20.66



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.62	22.68	22.66
20	QPSK	1	49	22.47	22.46	22.42
20	QPSK	1	99	22.40	22.39	22.42
20	QPSK	50	0	21.72	21.79	21.75
20	QPSK	50	24	21.53	21.55	21.68
20	QPSK	50	50	21.57	21.65	21.53
20	QPSK	100	0	21.55	21.55	21.47
20	16QAM	1	0	21.60	21.36	21.64
20	16QAM	1	49	21.65	21.39	21.45
20	16QAM	1	99	21.65	21.83	21.62
20	16QAM	50	0	21.77	21.74	21.71
20	16QAM	50	24	21.66	21.66	21.67
20	16QAM	50	50	21.63	21.55	21.51
20	16QAM	100	0	21.59	21.62	21.68
20	64QAM	1	0	20.92	20.69	21.02
20	64QAM	1	49	20.69	21.02	21.01
20	64QAM	1	99	20.92	21.04	21.12
20	64QAM	50	0	20.88	20.78	20.91
20	64QAM	50	24	20.82	20.76	20.88
20	64QAM	50	50	20.84	20.72	20.78
20	64QAM	100	0	20.83	20.83	20.81



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.60	22.64	22.62
15	QPSK	1	37	22.64	22.60	22.58
15	QPSK	1	74	22.58	22.54	22.52
15	QPSK	36	0	21.66	21.63	21.67
15	QPSK	36	20	21.66	21.58	21.68
15	QPSK	36	39	21.52	21.57	21.54
15	QPSK	75	0	21.61	21.65	21.58
15	16QAM	1	0	21.60	21.47	21.77
15	16QAM	1	37	21.47	21.77	21.70
15	16QAM	1	74	21.57	21.47	21.47
15	16QAM	36	0	21.78	21.78	21.69
15	16QAM	36	20	21.81	21.80	21.86
15	16QAM	36	39	21.73	21.88	21.82
15	16QAM	75	0	21.83	21.81	21.77
15	64QAM	1	0	21.14	21.04	21.14
15	64QAM	1	37	21.16	20.94	21.04
15	64QAM	1	74	20.81	21.07	21.14
15	64QAM	36	0	20.93	20.92	21.05
15	64QAM	36	20	21.03	20.99	21.00
15	64QAM	36	39	20.92	20.86	20.90
15	64QAM	75	0	20.94	20.96	20.93



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.63	22.63	22.64
10	QPSK	1	25	22.53	22.51	22.59
10	QPSK	1	49	22.67	22.55	22.45
10	QPSK	25	0	21.97	21.90	21.97
10	QPSK	25	12	21.94	22.13	21.91
10	QPSK	25	25	21.90	21.86	21.78
10	QPSK	50	0	21.98	21.83	22.02
10	16QAM	1	0	21.90	21.90	22.10
10	16QAM	1	25	21.90	21.99	22.11
10	16QAM	1	49	21.73	21.93	21.81
10	16QAM	25	0	21.74	21.91	21.79
10	16QAM	25	12	21.73	21.93	21.84
10	16QAM	25	25	21.64	21.69	21.69
10	16QAM	50	0	21.80	21.84	21.85
10	64QAM	1	0	20.97	20.97	20.64
10	64QAM	1	25	20.64	20.77	20.67
10	64QAM	1	49	20.64	20.64	20.64
10	64QAM	25	0	20.97	20.95	20.97
10	64QAM	25	12	20.96	21.00	21.04
10	64QAM	25	25	20.96	20.89	20.91
10	64QAM	50	0	20.86	20.96	20.97



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.52	22.55	22.60
5	QPSK	1	12	22.55	22.55	22.54
5	QPSK	1	24	22.63	22.53	22.59
5	QPSK	12	0	21.66	21.68	21.64
5	QPSK	12	7	21.68	21.76	21.69
5	QPSK	12	13	21.54	21.60	21.61
5	QPSK	25	0	21.64	21.65	21.64
5	16QAM	1	0	22.13	21.82	21.83
5	16QAM	1	12	21.76	22.05	22.00
5	16QAM	1	24	21.88	21.77	22.12
5	16QAM	12	0	21.77	21.88	21.84
5	16QAM	12	7	21.94	21.86	21.98
5	16QAM	12	13	21.85	21.79	21.86
5	16QAM	25	0	21.86	21.88	21.80
5	64QAM	1	0	20.64	21.04	20.84
5	64QAM	1	12	20.94	20.94	20.94
5	64QAM	1	24	20.77	20.81	20.77
5	64QAM	12	0	21.01	20.76	20.97
5	64QAM	12	7	21.09	20.68	20.99
5	64QAM	12	13	20.92	21.04	20.99
5	64QAM	25	0	20.99	21.07	20.94



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.59	22.50	22.49
3	QPSK	1	8	22.46	22.47	22.55
3	QPSK	1	14	22.37	22.18	22.48
3	QPSK	8	0	21.92	21.89	21.93
3	QPSK	8	4	21.87	21.79	21.89
3	QPSK	8	7	21.73	21.78	21.75
3	QPSK	15	0	21.82	21.86	21.79
3	16QAM	1	0	21.51	21.92	21.68
3	16QAM	1	8	21.84	21.78	21.77
3	16QAM	1	14	21.88	21.77	21.47
3	16QAM	8	0	21.69	21.69	21.60
3	16QAM	8	4	21.72	21.71	21.77
3	16QAM	8	7	21.64	21.79	21.73
3	16QAM	15	0	21.74	21.72	21.68
3	64QAM	1	0	21.05	20.95	21.05
3	64QAM	1	8	21.07	20.85	20.95
3	64QAM	1	14	20.72	20.98	21.05
3	64QAM	8	0	20.84	20.83	20.96
3	64QAM	8	4	20.94	20.90	20.91
3	64QAM	8	7	20.83	20.77	20.81
3	64QAM	15	0	20.85	20.87	20.84



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.53	22.44	22.45
1.4	QPSK	1	3	22.59	22.61	22.61
1.4	QPSK	1	5	22.51	22.39	22.55
1.4	QPSK	3	0	22.50	22.43	22.50
1.4	QPSK	3	1	22.47	22.53	22.44
1.4	QPSK	3	3	22.48	22.44	22.36
1.4	QPSK	6	0	21.95	21.80	21.99
1.4	16QAM	1	0	21.82	21.82	22.02
1.4	16QAM	1	3	21.82	21.91	22.03
1.4	16QAM	1	5	21.65	21.85	21.73
1.4	16QAM	3	0	21.60	21.57	21.83
1.4	16QAM	3	1	21.69	21.59	21.71
1.4	16QAM	3	3	21.70	21.71	21.65
1.4	16QAM	6	0	21.59	21.50	21.51
1.4	64QAM	1	0	21.10	20.95	21.11
1.4	64QAM	1	3	20.83	20.92	20.92
1.4	64QAM	1	5	20.80	20.80	20.91
1.4	64QAM	3	0	20.89	20.87	20.89
1.4	64QAM	3	1	20.88	20.92	20.96
1.4	64QAM	3	3	20.88	20.81	20.83
1.4	64QAM	6	0	20.78	20.88	20.89



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.59	22.63	22.60
20	QPSK	1	49	22.57	22.54	22.60
20	QPSK	1	99	22.55	22.53	22.55
20	QPSK	50	0	21.66	21.74	21.62
20	QPSK	50	24	21.55	21.49	21.34
20	QPSK	50	50	21.57	21.36	21.42
20	QPSK	100	0	21.63	21.37	21.44
20	16QAM	1	0	21.35	21.50	21.78
20	16QAM	1	49	21.31	21.42	21.56
20	16QAM	1	99	21.46	21.35	21.36
20	16QAM	50	0	21.46	21.32	21.35
20	16QAM	50	24	21.41	21.21	21.36
20	16QAM	50	50	21.48	21.28	21.36
20	16QAM	100	0	21.36	21.38	21.38
20	64QAM	1	0	20.78	20.65	20.47
20	64QAM	1	49	20.43	20.47	20.57
20	64QAM	1	99	20.47	20.43	20.75
20	64QAM	50	0	20.83	20.64	20.63
20	64QAM	50	24	20.92	20.64	20.55
20	64QAM	50	50	20.90	20.70	20.46
20	64QAM	100	0	20.84	20.67	20.60



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.51	22.55	22.52
15	QPSK	1	37	22.54	22.53	22.46
15	QPSK	1	74	22.40	22.53	22.45
15	QPSK	36	0	21.68	21.49	21.35
15	QPSK	36	20	21.64	21.46	21.25
15	QPSK	36	39	21.63	21.47	21.32
15	QPSK	75	0	21.64	21.52	21.34
15	16QAM	1	0	21.36	21.68	21.45
15	16QAM	1	37	21.45	21.54	21.59
15	16QAM	1	74	21.39	21.38	21.36
15	16QAM	36	0	21.40	21.54	21.83
15	16QAM	36	20	21.41	21.57	21.65
15	16QAM	36	39	21.58	21.46	21.52
15	16QAM	75	0	21.75	21.62	21.64
15	64QAM	1	0	20.73	20.73	20.55
15	64QAM	1	37	20.83	20.55	20.57
15	64QAM	1	74	20.55	20.54	20.54
15	64QAM	36	0	20.90	20.67	20.62
15	64QAM	36	20	20.66	20.68	20.61
15	64QAM	36	39	20.56	20.69	20.44
15	64QAM	75	0	20.86	20.65	20.58



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.50	22.55	22.51
10	QPSK	1	25	22.45	22.49	22.51
10	QPSK	1	49	22.41	22.53	22.53
10	QPSK	25	0	21.62	21.44	21.33
10	QPSK	25	12	21.72	21.43	21.43
10	QPSK	25	25	21.61	21.38	21.32
10	QPSK	50	0	21.65	21.46	21.51
10	16QAM	1	0	21.36	21.36	21.37
10	16QAM	1	25	21.40	21.30	21.27
10	16QAM	1	49	21.45	21.45	21.50
10	16QAM	25	0	21.73	21.55	21.53
10	16QAM	25	12	21.58	21.60	21.29
10	16QAM	25	25	21.70	21.55	21.34
10	16QAM	50	0	21.25	21.39	21.36
10	64QAM	1	0	20.74	20.56	20.54
10	64QAM	1	25	20.63	20.74	20.55
10	64QAM	1	49	20.57	20.54	20.54
10	64QAM	25	0	20.84	20.62	20.45
10	64QAM	25	12	20.43	20.75	20.46
10	64QAM	25	25	20.83	20.72	20.38
10	64QAM	50	0	20.83	20.62	20.44



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.54	22.51	22.56
5	QPSK	1	12	22.45	22.53	22.45
5	QPSK	1	24	22.50	22.46	22.52
5	QPSK	12	0	21.52	21.36	21.55
5	QPSK	12	7	21.69	21.43	21.32
5	QPSK	12	13	21.69	21.42	21.53
5	QPSK	25	0	21.54	21.34	21.44
5	16QAM	1	0	21.65	21.59	21.60
5	16QAM	1	12	21.64	21.53	21.56
5	16QAM	1	24	21.62	21.47	21.47
5	16QAM	12	0	21.71	21.34	21.41
5	16QAM	12	7	21.65	21.32	21.36
5	16QAM	12	13	21.41	21.38	21.32
5	16QAM	25	0	21.48	21.35	21.45
5	64QAM	1	0	20.43	20.87	20.66
5	64QAM	1	12	20.73	20.83	20.57
5	64QAM	1	24	20.67	20.83	20.73
5	64QAM	12	0	20.56	20.61	20.51
5	64QAM	12	7	20.56	20.65	20.51
5	64QAM	12	13	20.83	20.71	20.50
5	64QAM	25	0	20.83	20.69	20.48

**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	23.97	0.249	24.00	0.251	23.94	0.248
20	QPSK	1	49	23.95	0.248	23.89	0.245	23.82	0.241
20	QPSK	1	99	23.89	0.245	23.85	0.243	23.83	0.242
20	QPSK	50	0	23.05	0.202	23.14	0.206	23.07	0.203
20	QPSK	50	24	23.06	0.202	23.11	0.205	23.11	0.205
20	QPSK	50	50	23.11	0.205	23.07	0.203	23.13	0.206
20	QPSK	100	0	23.04	0.201	23.13	0.206	23.09	0.204
20	16QAM	1	0	23.10	0.204	23.10	0.204	23.12	0.205
20	16QAM	1	49	22.94	0.197	23.24	0.211	23.20	0.209
20	16QAM	1	99	23.19	0.208	23.04	0.201	23.44	0.221
20	16QAM	50	0	23.12	0.205	23.09	0.204	23.07	0.203
20	16QAM	50	24	23.08	0.203	23.13	0.206	23.14	0.206
20	16QAM	50	50	23.16	0.207	23.13	0.206	23.20	0.209
20	16QAM	100	0	23.19	0.208	23.20	0.209	23.07	0.203
20	64QAM	1	0	22.14	0.164	22.33	0.171	22.07	0.161
20	64QAM	1	49	22.09	0.162	22.27	0.169	22.18	0.165
20	64QAM	1	99	22.04	0.160	22.37	0.173	22.37	0.173
20	64QAM	50	0	22.14	0.164	22.06	0.161	22.11	0.163
20	64QAM	50	24	22.17	0.165	22.11	0.163	22.16	0.164
20	64QAM	50	50	22.16	0.164	22.17	0.165	22.11	0.163
20	64QAM	100	0	22.04	0.160	22.01	0.159	22.02	0.159



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	23.78	0.239	23.81	0.240	23.72	0.236
15	QPSK	1	37	23.57	0.228	23.93	0.247	23.81	0.240
15	QPSK	1	74	23.94	0.248	23.86	0.243	23.94	0.248
15	QPSK	36	0	22.91	0.195	23.00	0.200	22.99	0.199
15	QPSK	36	20	22.90	0.195	23.09	0.204	23.06	0.202
15	QPSK	36	39	23.02	0.200	23.03	0.201	23.00	0.200
15	QPSK	75	0	22.94	0.197	23.00	0.200	22.96	0.198
15	16QAM	1	0	23.03	0.201	23.11	0.205	23.05	0.202
15	16QAM	1	37	23.16	0.207	23.19	0.208	23.05	0.202
15	16QAM	1	74	23.11	0.205	23.23	0.210	23.23	0.210
15	16QAM	36	0	22.90	0.195	22.95	0.197	22.98	0.199
15	16QAM	36	20	22.99	0.199	22.92	0.196	23.05	0.202
15	16QAM	36	39	23.04	0.201	23.13	0.206	23.10	0.204
15	16QAM	75	0	22.91	0.195	22.93	0.196	23.02	0.200
15	64QAM	1	0	22.11	0.163	21.87	0.154	21.93	0.156
15	64QAM	1	37	22.10	0.162	21.91	0.155	22.33	0.171
15	64QAM	1	74	21.99	0.158	22.03	0.160	22.18	0.165
15	64QAM	36	0	21.84	0.153	22.01	0.159	21.89	0.155
15	64QAM	36	20	22.04	0.160	22.06	0.161	21.96	0.157
15	64QAM	36	39	21.92	0.156	21.97	0.157	22.06	0.161
15	64QAM	75	0	21.91	0.155	21.98	0.158	21.97	0.157



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	23.82	0.241	23.81	0.240	23.91	0.246
10	QPSK	1	25	23.86	0.243	23.89	0.245	23.84	0.242
10	QPSK	1	49	23.82	0.241	23.83	0.242	23.82	0.241
10	QPSK	25	0	23.09	0.204	23.10	0.204	23.06	0.202
10	QPSK	25	12	23.05	0.202	23.17	0.207	23.10	0.204
10	QPSK	25	25	22.96	0.198	23.09	0.204	23.05	0.202
10	QPSK	50	0	23.02	0.200	23.11	0.205	23.09	0.204
10	16QAM	1	0	23.50	0.224	23.43	0.220	23.42	0.220
10	16QAM	1	25	23.19	0.208	23.15	0.207	23.22	0.210
10	16QAM	1	49	23.14	0.206	23.22	0.210	23.01	0.200
10	16QAM	25	0	23.04	0.201	23.03	0.201	23.00	0.200
10	16QAM	25	12	23.20	0.209	23.00	0.200	23.00	0.200
10	16QAM	25	25	23.00	0.200	23.20	0.209	23.30	0.214
10	16QAM	50	0	23.57	0.228	23.50	0.224	23.54	0.226
10	64QAM	1	0	22.08	0.161	22.13	0.163	22.13	0.163
10	64QAM	1	25	22.11	0.163	22.16	0.164	22.20	0.166
10	64QAM	1	49	21.78	0.151	21.91	0.155	21.88	0.154
10	64QAM	25	0	22.08	0.161	22.12	0.163	22.13	0.163
10	64QAM	25	12	22.11	0.163	22.09	0.162	22.10	0.162
10	64QAM	25	25	22.04	0.160	21.82	0.152	22.04	0.160
10	64QAM	50	0	22.05	0.160	22.05	0.160	22.02	0.159



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	23.82	0.241	23.87	0.244	23.81	0.240
5	QPSK	1	12	23.81	0.240	23.76	0.238	23.79	0.239
5	QPSK	1	24	23.77	0.238	23.85	0.243	23.86	0.243
5	QPSK	12	0	22.94	0.197	22.85	0.193	22.92	0.196
5	QPSK	12	7	22.95	0.197	23.00	0.200	22.92	0.196
5	QPSK	12	13	22.94	0.197	22.93	0.196	22.96	0.198
5	QPSK	25	0	22.93	0.196	22.91	0.195	22.93	0.196
5	16QAM	1	0	23.06	0.202	22.96	0.198	23.34	0.216
5	16QAM	1	12	23.04	0.201	22.97	0.198	23.34	0.216
5	16QAM	1	24	23.07	0.203	22.94	0.197	23.33	0.215
5	16QAM	12	0	23.16	0.207	23.30	0.214	23.16	0.207
5	16QAM	12	7	23.06	0.202	23.06	0.202	22.86	0.193
5	16QAM	12	13	22.86	0.193	23.19	0.208	22.96	0.198
5	16QAM	25	0	22.96	0.198	23.42	0.220	23.40	0.219
5	64QAM	1	0	22.16	0.164	21.88	0.154	21.93	0.156
5	64QAM	1	12	22.32	0.171	21.98	0.158	22.09	0.162
5	64QAM	1	24	22.33	0.171	21.97	0.157	21.99	0.158
5	64QAM	12	0	21.98	0.158	21.91	0.155	21.90	0.155
5	64QAM	12	7	22.04	0.160	21.88	0.154	21.88	0.154
5	64QAM	12	13	22.01	0.159	21.97	0.157	21.95	0.157
5	64QAM	25	0	22.08	0.161	21.88	0.154	21.95	0.157



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	23.76	0.238	23.83	0.242	23.75	0.237
3	QPSK	1	8	23.86	0.243	23.89	0.245	23.72	0.236
3	QPSK	1	14	23.87	0.244	23.74	0.237	23.74	0.237
3	QPSK	8	0	22.82	0.191	22.77	0.189	22.79	0.190
3	QPSK	8	4	22.88	0.194	22.82	0.191	22.83	0.192
3	QPSK	8	7	22.88	0.194	22.82	0.191	22.78	0.190
3	QPSK	15	0	22.80	0.191	22.88	0.194	22.81	0.191
3	16QAM	1	0	22.96	0.198	22.87	0.194	22.81	0.191
3	16QAM	1	8	23.00	0.200	22.94	0.197	22.90	0.195
3	16QAM	1	14	22.93	0.196	22.90	0.195	22.78	0.190
3	16QAM	8	0	23.36	0.217	23.49	0.223	23.41	0.219
3	16QAM	8	4	23.43	0.220	23.40	0.219	23.46	0.222
3	16QAM	8	7	23.33	0.215	23.38	0.218	23.41	0.219
3	16QAM	15	0	23.36	0.217	23.40	0.219	23.35	0.216
3	64QAM	1	0	21.89	0.155	21.82	0.152	21.85	0.153
3	64QAM	1	8	22.31	0.170	22.30	0.170	21.90	0.155
3	64QAM	1	14	21.92	0.156	22.28	0.169	21.92	0.156
3	64QAM	8	0	21.84	0.153	21.86	0.153	21.70	0.148
3	64QAM	8	4	21.94	0.156	21.84	0.153	21.84	0.153
3	64QAM	8	7	22.04	0.160	21.93	0.156	21.79	0.151
3	64QAM	15	0	21.89	0.155	21.89	0.155	21.87	0.154



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	23.82	0.241	23.85	0.243	23.80	0.240
1.4	QPSK	1	3	23.72	0.236	23.70	0.234	23.69	0.234
1.4	QPSK	1	5	23.69	0.234	23.67	0.233	23.65	0.232
1.4	QPSK	3	0	23.69	0.234	23.69	0.234	23.65	0.232
1.4	QPSK	3	1	23.73	0.236	23.70	0.234	23.68	0.233
1.4	QPSK	3	3	23.75	0.237	23.79	0.239	23.68	0.233
1.4	QPSK	6	0	22.78	0.190	22.76	0.189	22.75	0.188
1.4	16QAM	1	0	22.81	0.191	22.81	0.191	22.75	0.188
1.4	16QAM	1	3	22.77	0.189	22.97	0.198	22.95	0.197
1.4	16QAM	1	5	22.65	0.184	22.85	0.193	22.53	0.179
1.4	16QAM	3	0	22.67	0.185	22.72	0.187	22.69	0.186
1.4	16QAM	3	1	22.85	0.193	22.67	0.185	22.72	0.187
1.4	16QAM	3	3	22.87	0.194	22.84	0.192	22.58	0.181
1.4	16QAM	6	0	22.88	0.194	22.81	0.191	22.76	0.189
1.4	64QAM	1	0	21.76	0.150	21.68	0.147	21.71	0.148
1.4	64QAM	1	3	21.78	0.151	21.99	0.158	21.87	0.154
1.4	64QAM	1	5	21.76	0.150	22.11	0.163	21.70	0.148
1.4	64QAM	3	0	21.79	0.151	21.85	0.153	21.86	0.153
1.4	64QAM	3	1	21.88	0.154	21.85	0.153	22.06	0.161
1.4	64QAM	3	3	21.80	0.151	21.94	0.156	21.71	0.148
1.4	64QAM	6	0	21.85	0.153	21.88	0.154	21.77	0.150



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.76	0.238	23.84	0.242	23.83	0.242
20	QPSK	1	49	23.62	0.230	23.70	0.234	23.69	0.234
20	QPSK	1	99	23.54	0.226	23.67	0.233	23.79	0.239
20	QPSK	50	0	22.92	0.196	22.96	0.198	22.93	0.196
20	QPSK	50	24	22.83	0.192	22.91	0.195	22.91	0.195
20	QPSK	50	50	22.72	0.187	22.83	0.192	22.84	0.192
20	QPSK	100	0	22.82	0.191	22.86	0.193	22.93	0.196
20	16QAM	1	0	22.69	0.186	22.99	0.199	22.86	0.193
20	16QAM	1	49	22.84	0.192	22.61	0.182	22.75	0.188
20	16QAM	1	99	22.63	0.183	22.85	0.193	22.69	0.186
20	16QAM	50	0	22.82	0.191	22.75	0.188	22.89	0.195
20	16QAM	50	24	23.08	0.203	23.19	0.208	23.08	0.203
20	16QAM	50	50	23.04	0.201	23.05	0.202	23.05	0.202
20	16QAM	100	0	23.06	0.202	23.14	0.206	23.15	0.207
20	64QAM	1	0	21.80	0.151	21.91	0.155	22.13	0.163
20	64QAM	1	49	21.84	0.153	21.77	0.150	21.65	0.146
20	64QAM	1	99	22.11	0.163	21.68	0.147	22.15	0.164
20	64QAM	50	0	21.81	0.152	21.90	0.155	21.85	0.153
20	64QAM	50	24	21.83	0.152	21.94	0.156	21.88	0.154
20	64QAM	50	50	21.87	0.154	21.82	0.152	21.84	0.153
20	64QAM	100	0	21.90	0.155	21.88	0.154	21.97	0.157



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	23.63	0.231	23.67	0.233	23.77	0.238
15	QPSK	1	37	23.67	0.233	23.76	0.238	23.68	0.233
15	QPSK	1	74	23.54	0.226	23.76	0.238	23.79	0.239
15	QPSK	36	0	22.77	0.189	22.84	0.192	22.87	0.194
15	QPSK	36	20	22.81	0.191	22.94	0.197	22.90	0.195
15	QPSK	36	39	22.86	0.193	22.85	0.193	22.94	0.197
15	QPSK	75	0	22.81	0.191	22.83	0.192	22.84	0.192
15	16QAM	1	0	22.75	0.188	22.97	0.198	22.69	0.186
15	16QAM	1	37	22.83	0.192	22.83	0.192	22.67	0.185
15	16QAM	1	74	22.69	0.186	22.99	0.199	22.78	0.190
15	16QAM	36	0	22.70	0.186	22.72	0.187	22.91	0.195
15	16QAM	36	20	22.65	0.184	22.72	0.187	22.78	0.190
15	16QAM	36	39	22.61	0.182	22.70	0.186	22.76	0.189
15	16QAM	75	0	22.72	0.187	22.73	0.187	22.82	0.191
15	64QAM	1	0	21.67	0.147	21.98	0.158	22.03	0.160
15	64QAM	1	37	22.09	0.162	21.85	0.153	21.91	0.155
15	64QAM	1	74	22.13	0.163	21.84	0.153	21.88	0.154
15	64QAM	36	0	21.78	0.151	21.85	0.153	21.89	0.155
15	64QAM	36	20	21.84	0.153	21.86	0.153	21.88	0.154
15	64QAM	36	39	21.87	0.154	21.83	0.152	21.85	0.153
15	64QAM	75	0	21.80	0.151	21.91	0.155	21.84	0.153



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	23.75	0.237	23.74	0.237	23.57	0.228
10	QPSK	1	25	23.73	0.236	23.66	0.232	23.67	0.233
10	QPSK	1	49	23.61	0.230	23.44	0.221	23.67	0.233
10	QPSK	25	0	22.60	0.182	22.82	0.191	22.84	0.192
10	QPSK	25	12	22.72	0.187	22.78	0.190	22.82	0.191
10	QPSK	25	25	22.61	0.182	22.72	0.187	22.79	0.190
10	QPSK	50	0	22.67	0.185	22.77	0.189	22.69	0.186
10	16QAM	1	0	22.66	0.185	22.81	0.191	22.57	0.181
10	16QAM	1	25	22.93	0.196	22.67	0.185	22.99	0.199
10	16QAM	1	49	23.00	0.200	22.90	0.195	22.89	0.195
10	16QAM	25	0	22.66	0.185	22.65	0.184	22.64	0.184
10	16QAM	25	12	22.58	0.181	22.68	0.185	22.65	0.184
10	16QAM	25	25	22.92	0.196	22.83	0.192	22.92	0.196
10	16QAM	50	0	22.86	0.193	22.90	0.195	23.02	0.200
10	64QAM	1	0	21.72	0.149	21.80	0.151	21.70	0.148
10	64QAM	1	25	21.79	0.151	22.08	0.161	22.17	0.165
10	64QAM	1	49	21.77	0.150	21.81	0.152	21.76	0.150
10	64QAM	25	0	21.61	0.145	21.75	0.150	21.74	0.149
10	64QAM	25	12	21.70	0.148	21.81	0.152	21.85	0.153
10	64QAM	25	25	21.58	0.144	21.70	0.148	21.72	0.149
10	64QAM	50	0	21.64	0.146	21.71	0.148	21.70	0.148



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.72	0.236	23.67	0.233	23.72	0.236
5	QPSK	1	12	23.71	0.235	23.66	0.232	23.63	0.231
5	QPSK	1	24	23.46	0.222	23.58	0.228	23.57	0.228
5	QPSK	12	0	22.68	0.185	22.68	0.185	22.72	0.187
5	QPSK	12	7	22.68	0.185	22.79	0.190	22.76	0.189
5	QPSK	12	13	22.63	0.183	22.80	0.191	22.72	0.187
5	QPSK	25	0	22.66	0.185	22.70	0.186	22.76	0.189
5	16QAM	1	0	22.56	0.180	22.97	0.198	22.65	0.184
5	16QAM	1	12	22.67	0.185	23.02	0.200	22.61	0.182
5	16QAM	1	24	22.61	0.182	22.96	0.198	22.56	0.180
5	16QAM	12	0	22.60	0.182	22.54	0.179	22.57	0.181
5	16QAM	12	7	22.63	0.183	22.67	0.185	22.65	0.184
5	16QAM	12	13	22.90	0.195	22.97	0.198	23.01	0.200
5	16QAM	25	0	22.91	0.195	23.02	0.200	22.95	0.197
5	64QAM	1	0	21.68	0.147	22.12	0.163	22.10	0.162
5	64QAM	1	12	22.06	0.161	21.82	0.152	22.09	0.162
5	64QAM	1	24	22.02	0.159	21.72	0.149	21.79	0.151
5	64QAM	12	0	21.69	0.148	21.76	0.150	21.78	0.151
5	64QAM	12	7	21.68	0.147	21.77	0.150	21.83	0.152
5	64QAM	12	13	21.69	0.148	21.75	0.150	21.74	0.149
5	64QAM	25	0	21.64	0.146	21.78	0.151	21.69	0.148



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	23.57	0.228	23.58	0.228	23.70	0.234
3	QPSK	1	8	23.66	0.232	23.80	0.240	23.74	0.237
3	QPSK	1	14	23.46	0.222	23.65	0.232	23.65	0.232
3	QPSK	8	0	22.66	0.185	22.72	0.187	22.73	0.187
3	QPSK	8	4	22.72	0.187	22.80	0.191	22.82	0.191
3	QPSK	8	7	22.68	0.185	22.78	0.190	22.78	0.190
3	QPSK	15	0	22.68	0.185	22.74	0.188	22.68	0.185
3	16QAM	1	0	22.76	0.189	22.85	0.193	22.89	0.195
3	16QAM	1	8	22.98	0.199	22.98	0.199	22.72	0.187
3	16QAM	1	14	22.89	0.195	22.67	0.185	22.75	0.188
3	16QAM	8	0	22.68	0.185	22.69	0.186	22.78	0.190
3	16QAM	8	4	22.78	0.190	22.78	0.190	22.79	0.190
3	16QAM	8	7	23.00	0.200	23.08	0.203	23.12	0.205
3	16QAM	15	0	23.00	0.200	22.98	0.199	23.05	0.202
3	64QAM	1	0	21.67	0.147	21.76	0.150	21.74	0.149
3	64QAM	1	8	21.86	0.153	21.74	0.149	21.90	0.155
3	64QAM	1	14	21.67	0.147	21.74	0.149	21.57	0.144
3	64QAM	8	0	21.65	0.146	21.69	0.148	21.63	0.146
3	64QAM	8	4	21.77	0.150	21.75	0.150	21.79	0.151
3	64QAM	8	7	21.71	0.148	21.78	0.151	21.90	0.155
3	64QAM	15	0	21.67	0.147	21.75	0.150	21.66	0.147



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	23.72	0.236	23.77	0.238	23.75	0.237
1.4	QPSK	1	3	23.66	0.232	23.66	0.232	23.70	0.234
1.4	QPSK	1	5	23.52	0.225	23.61	0.230	23.63	0.231
1.4	QPSK	3	0	23.60	0.229	23.57	0.228	23.56	0.227
1.4	QPSK	3	1	23.56	0.227	23.66	0.232	23.71	0.235
1.4	QPSK	3	3	23.55	0.226	23.62	0.230	23.61	0.230
1.4	QPSK	6	0	22.71	0.187	22.73	0.187	22.69	0.186
1.4	16QAM	1	0	22.65	0.184	23.12	0.205	22.78	0.190
1.4	16QAM	1	3	22.78	0.190	22.86	0.193	22.90	0.195
1.4	16QAM	1	5	22.84	0.192	23.00	0.200	22.80	0.191
1.4	16QAM	3	0	22.87	0.194	22.91	0.195	22.82	0.191
1.4	16QAM	3	1	22.88	0.194	22.91	0.195	22.93	0.196
1.4	16QAM	3	3	22.87	0.194	22.99	0.199	22.88	0.194
1.4	16QAM	6	0	22.78	0.190	22.79	0.190	22.70	0.186
1.4	64QAM	1	0	21.56	0.143	21.50	0.141	21.64	0.146
1.4	64QAM	1	3	21.82	0.152	21.80	0.151	21.92	0.156
1.4	64QAM	1	5	21.73	0.149	21.69	0.148	21.53	0.142
1.4	64QAM	3	0	21.64	0.146	21.62	0.145	21.81	0.152
1.4	64QAM	3	1	21.55	0.143	21.70	0.148	21.67	0.147
1.4	64QAM	3	3	21.61	0.145	21.78	0.151	21.66	0.147
1.4	64QAM	6	0	21.60	0.145	21.61	0.145	21.68	0.147



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	19.57	0.091	19.58	0.091	19.50	0.089
10	QPSK	1	25	19.43	0.088	19.46	0.088	19.26	0.084
10	QPSK	1	49	19.35	0.086	19.47	0.089	19.15	0.082
10	QPSK	25	0	18.66	0.073	18.68	0.074	18.49	0.071
10	QPSK	25	12	18.42	0.070	18.44	0.070	18.49	0.071
10	QPSK	25	25	18.42	0.070	18.53	0.071	18.58	0.072
10	QPSK	50	0	18.48	0.070	18.36	0.069	18.50	0.071
10	16QAM	1	0	18.52	0.071	18.71	0.074	18.42	0.070
10	16QAM	1	25	18.75	0.075	18.78	0.076	18.46	0.070
10	16QAM	1	49	18.58	0.072	18.64	0.073	18.71	0.074
10	16QAM	25	0	18.67	0.074	18.68	0.074	18.50	0.071
10	16QAM	25	12	18.61	0.073	18.69	0.074	18.47	0.070
10	16QAM	25	25	18.64	0.073	18.57	0.072	18.60	0.072
10	16QAM	50	0	18.65	0.073	18.56	0.072	18.46	0.070
10	64QAM	1	0	17.61	0.058	17.71	0.059	17.59	0.057
10	64QAM	1	25	17.58	0.057	17.78	0.060	17.58	0.057
10	64QAM	1	49	17.47	0.056	17.69	0.059	17.60	0.058
10	64QAM	25	0	17.58	0.057	17.69	0.059	17.36	0.054
10	64QAM	25	12	17.57	0.057	17.74	0.059	17.45	0.056
10	64QAM	25	25	17.69	0.059	17.58	0.057	17.28	0.053
10	64QAM	50	0	17.65	0.058	17.61	0.058	17.47	0.056



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	19.52	0.090	19.48	0.089	19.46	0.088
5	QPSK	1	12	19.42	0.087	19.53	0.090	19.37	0.086
5	QPSK	1	24	19.42	0.087	19.37	0.086	19.37	0.086
5	QPSK	12	0	18.57	0.072	18.62	0.073	18.48	0.070
5	QPSK	12	7	18.64	0.073	18.65	0.073	18.57	0.072
5	QPSK	12	13	18.69	0.074	18.53	0.071	18.48	0.070
5	QPSK	25	0	18.60	0.072	18.56	0.072	18.48	0.070
5	16QAM	1	0	18.89	0.077	18.82	0.076	18.58	0.072
5	16QAM	1	12	18.59	0.072	18.81	0.076	18.57	0.072
5	16QAM	1	24	18.46	0.070	18.81	0.076	18.64	0.073
5	16QAM	12	0	18.55	0.072	18.64	0.073	18.63	0.073
5	16QAM	12	7	18.62	0.073	18.65	0.073	18.47	0.070
5	16QAM	12	13	18.62	0.073	18.53	0.071	18.58	0.072
5	16QAM	25	0	18.63	0.073	18.68	0.074	18.63	0.073
5	64QAM	1	0	17.70	0.059	17.58	0.057	17.69	0.059
5	64QAM	1	12	17.58	0.057	17.52	0.056	17.66	0.058
5	64QAM	1	24	17.72	0.059	17.56	0.057	17.50	0.056
5	64QAM	12	0	17.44	0.055	17.58	0.057	17.38	0.055
5	64QAM	12	7	17.48	0.056	17.64	0.058	17.42	0.055
5	64QAM	12	13	17.66	0.058	17.61	0.058	17.18	0.052
5	64QAM	25	0	17.54	0.057	17.61	0.058	17.22	0.053



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	19.51	0.089	19.52	0.090	19.37	0.086
3	QPSK	1	8	19.47	0.089	19.48	0.089	19.39	0.087
3	QPSK	1	14	19.48	0.089	19.46	0.088	19.20	0.083
3	QPSK	8	0	18.50	0.071	18.63	0.073	18.61	0.073
3	QPSK	8	4	18.64	0.073	18.70	0.074	18.67	0.074
3	QPSK	8	7	18.59	0.072	18.61	0.073	18.48	0.070
3	QPSK	15	0	18.57	0.072	18.63	0.073	18.62	0.073
3	16QAM	1	0	18.59	0.072	18.70	0.074	18.77	0.075
3	16QAM	1	8	18.52	0.071	18.78	0.076	18.62	0.073
3	16QAM	1	14	18.57	0.072	18.83	0.076	18.58	0.072
3	16QAM	8	0	18.53	0.071	18.62	0.073	18.36	0.069
3	16QAM	8	4	18.69	0.074	18.80	0.076	18.37	0.069
3	16QAM	8	7	18.61	0.073	18.67	0.074	18.41	0.069
3	16QAM	15	0	18.55	0.072	18.57	0.072	18.12	0.065
3	64QAM	1	0	17.50	0.056	17.38	0.055	17.59	0.057
3	64QAM	1	8	17.38	0.055	17.62	0.058	17.38	0.055
3	64QAM	1	14	17.40	0.055	17.58	0.057	17.39	0.055
3	64QAM	8	0	17.50	0.056	17.60	0.058	17.58	0.057
3	64QAM	8	4	17.72	0.059	17.56	0.057	17.50	0.056
3	64QAM	8	7	17.67	0.058	17.59	0.057	17.56	0.057
3	64QAM	15	0	17.56	0.057	17.66	0.058	17.46	0.056



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	19.52	0.090	19.49	0.089	19.53	0.090
1.4	QPSK	1	3	19.55	0.090	19.48	0.089	19.55	0.090
1.4	QPSK	1	5	19.44	0.088	19.38	0.087	19.39	0.087
1.4	QPSK	3	0	19.45	0.088	19.51	0.089	19.47	0.089
1.4	QPSK	3	1	19.51	0.089	19.38	0.087	19.48	0.089
1.4	QPSK	3	3	19.52	0.090	19.44	0.088	19.44	0.088
1.4	QPSK	6	0	18.55	0.072	18.54	0.071	18.53	0.071
1.4	16QAM	1	0	18.68	0.074	18.49	0.071	18.66	0.073
1.4	16QAM	1	3	18.48	0.070	18.72	0.074	18.61	0.073
1.4	16QAM	1	5	18.87	0.077	18.55	0.072	18.61	0.073
1.4	16QAM	3	0	18.40	0.069	18.38	0.069	18.52	0.071
1.4	16QAM	3	1	18.43	0.070	18.70	0.074	18.56	0.072
1.4	16QAM	3	3	18.51	0.071	18.62	0.073	18.50	0.071
1.4	16QAM	6	0	18.70	0.074	18.57	0.072	18.61	0.073
1.4	64QAM	1	0	17.23	0.053	17.40	0.055	17.42	0.055
1.4	64QAM	1	3	17.54	0.057	17.55	0.057	17.50	0.056
1.4	64QAM	1	5	17.49	0.056	17.48	0.056	17.36	0.054
1.4	64QAM	3	0	17.15	0.052	17.42	0.055	17.43	0.055
1.4	64QAM	3	1	17.43	0.055	17.37	0.055	17.38	0.055
1.4	64QAM	3	3	17.33	0.054	17.50	0.056	17.54	0.057
1.4	64QAM	6	0	17.54	0.057	17.66	0.058	17.55	0.057



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	24.36	0.273	24.37	0.274	24.29	0.269
20	QPSK	1	49	24.31	0.270	24.35	0.272	24.24	0.265
20	QPSK	1	99	24.26	0.267	24.21	0.264	24.26	0.267
20	QPSK	50	0	23.42	0.220	23.49	0.223	23.46	0.222
20	QPSK	50	24	23.18	0.208	23.15	0.207	23.05	0.202
20	QPSK	50	50	23.28	0.213	23.31	0.214	23.28	0.213
20	QPSK	100	0	23.23	0.210	23.25	0.211	23.22	0.210
20	16QAM	1	0	23.04	0.201	23.14	0.206	23.32	0.215
20	16QAM	1	49	23.19	0.208	23.05	0.202	23.33	0.215
20	16QAM	1	99	23.13	0.206	23.44	0.221	23.09	0.204
20	16QAM	50	0	22.98	0.199	23.08	0.203	23.01	0.200
20	16QAM	50	24	23.03	0.201	22.95	0.197	23.06	0.202
20	16QAM	50	50	23.11	0.205	23.16	0.207	22.99	0.199
20	16QAM	100	0	22.99	0.199	23.11	0.205	23.09	0.204
20	64QAM	1	0	21.87	0.154	22.03	0.160	22.05	0.160
20	64QAM	1	49	22.15	0.164	22.12	0.163	22.17	0.165
20	64QAM	1	99	22.13	0.163	22.18	0.165	22.09	0.162
20	64QAM	50	0	22.07	0.161	22.08	0.161	22.13	0.163
20	64QAM	50	24	22.12	0.163	22.13	0.163	22.13	0.163
20	64QAM	50	50	22.16	0.164	22.23	0.167	22.08	0.161
20	64QAM	100	0	22.09	0.162	22.06	0.161	22.18	0.165



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	24.19	0.262	24.28	0.268	24.28	0.268
15	QPSK	1	37	24.29	0.269	24.26	0.267	24.30	0.269
15	QPSK	1	74	24.23	0.265	24.30	0.269	24.30	0.269
15	QPSK	36	0	23.01	0.200	23.10	0.204	23.12	0.205
15	QPSK	36	20	23.09	0.204	23.16	0.207	23.11	0.205
15	QPSK	36	39	23.12	0.205	23.15	0.207	23.19	0.208
15	QPSK	75	0	23.18	0.208	23.11	0.205	23.13	0.206
15	16QAM	1	0	23.54	0.226	23.65	0.232	23.72	0.236
15	16QAM	1	37	23.36	0.217	23.47	0.222	23.45	0.221
15	16QAM	1	74	23.40	0.219	23.40	0.219	23.62	0.230
15	16QAM	36	0	22.99	0.199	23.10	0.204	23.12	0.205
15	16QAM	36	20	23.06	0.202	23.09	0.204	23.08	0.203
15	16QAM	36	39	23.12	0.205	23.10	0.204	22.99	0.199
15	16QAM	75	0	23.07	0.203	23.15	0.207	23.07	0.203
15	64QAM	1	0	21.97	0.157	21.94	0.156	21.82	0.152
15	64QAM	1	37	21.87	0.154	22.02	0.159	22.11	0.163
15	64QAM	1	74	21.86	0.153	21.98	0.158	22.04	0.160
15	64QAM	36	0	22.05	0.160	22.13	0.163	22.12	0.163
15	64QAM	36	20	22.16	0.164	22.15	0.164	22.22	0.167
15	64QAM	36	39	22.20	0.166	22.11	0.163	22.13	0.163
15	64QAM	75	0	22.05	0.160	22.15	0.164	22.10	0.162



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	24.18	0.262	24.05	0.254	24.08	0.256
10	QPSK	1	25	24.21	0.264	24.11	0.258	24.13	0.259
10	QPSK	1	49	24.14	0.259	24.11	0.258	24.13	0.259
10	QPSK	25	0	22.93	0.196	22.93	0.196	22.92	0.196
10	QPSK	25	12	22.89	0.195	23.01	0.200	23.06	0.202
10	QPSK	25	25	22.82	0.191	23.00	0.200	23.00	0.200
10	QPSK	50	0	22.91	0.195	23.03	0.201	23.02	0.200
10	16QAM	1	0	23.16	0.207	23.34	0.216	23.19	0.208
10	16QAM	1	25	23.15	0.207	23.17	0.207	23.22	0.210
10	16QAM	1	49	23.62	0.230	23.52	0.225	23.43	0.220
10	16QAM	25	0	23.05	0.202	22.93	0.196	23.01	0.200
10	16QAM	25	12	22.87	0.194	23.04	0.201	22.97	0.198
10	16QAM	25	25	22.92	0.196	22.95	0.197	22.87	0.194
10	16QAM	50	0	22.95	0.197	23.04	0.201	22.89	0.195
10	64QAM	1	0	21.97	0.157	21.93	0.156	21.91	0.155
10	64QAM	1	25	22.00	0.158	22.25	0.168	22.08	0.161
10	64QAM	1	49	22.11	0.163	22.35	0.172	22.16	0.164
10	64QAM	25	0	21.97	0.157	21.95	0.157	21.99	0.158
10	64QAM	25	12	21.99	0.158	22.10	0.162	22.03	0.160
10	64QAM	25	25	21.92	0.156	21.82	0.152	21.81	0.152
10	64QAM	50	0	21.86	0.153	21.92	0.156	21.84	0.153



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	24.22	0.264	24.13	0.259	24.03	0.253
5	QPSK	1	12	24.09	0.256	24.02	0.252	24.10	0.257
5	QPSK	1	24	24.03	0.253	24.09	0.256	24.13	0.259
5	QPSK	12	0	22.73	0.187	22.81	0.191	22.73	0.187
5	QPSK	12	7	22.80	0.191	22.95	0.197	22.87	0.194
5	QPSK	12	13	22.82	0.191	22.98	0.199	22.83	0.192
5	QPSK	25	0	22.83	0.192	22.84	0.192	22.79	0.190
5	16QAM	1	0	23.01	0.200	22.99	0.199	23.05	0.202
5	16QAM	1	12	23.06	0.202	23.28	0.213	23.18	0.208
5	16QAM	1	24	23.12	0.205	23.31	0.214	23.13	0.206
5	16QAM	12	0	23.03	0.201	23.09	0.204	23.00	0.200
5	16QAM	12	7	22.92	0.196	22.94	0.197	22.90	0.195
5	16QAM	12	13	22.92	0.196	22.98	0.199	23.11	0.205
5	16QAM	25	0	22.89	0.195	22.94	0.197	22.96	0.198
5	64QAM	1	0	22.07	0.161	22.12	0.163	22.08	0.161
5	64QAM	1	12	22.12	0.163	22.24	0.167	22.12	0.163
5	64QAM	1	24	22.16	0.164	22.26	0.168	22.22	0.167
5	64QAM	12	0	21.87	0.154	21.84	0.153	21.89	0.155
5	64QAM	12	7	21.96	0.157	22.01	0.159	21.80	0.151
5	64QAM	12	13	21.91	0.155	22.00	0.158	21.86	0.153
5	64QAM	25	0	21.86	0.153	21.85	0.153	21.90	0.155



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	19.34	0.086	19.50	0.089	19.39	0.087
10	QPSK	1	25	19.20	0.083	19.33	0.086	19.36	0.086
10	QPSK	1	49	19.30	0.085	19.31	0.085	19.30	0.085
10	QPSK	25	0	18.59	0.072	18.69	0.074	18.60	0.072
10	QPSK	25	12	18.56	0.072	18.50	0.071	18.29	0.067
10	QPSK	25	25	18.61	0.073	18.67	0.074	18.60	0.072
10	QPSK	50	0	18.62	0.073	18.64	0.073	18.55	0.072
10	16QAM	1	0	18.55	0.072	18.10	0.065	18.23	0.067
10	16QAM	1	25	18.30	0.068	18.25	0.067	18.39	0.069
10	16QAM	1	49	18.39	0.069	18.44	0.070	18.33	0.068
10	16QAM	25	0	18.28	0.067	18.30	0.068	18.24	0.067
10	16QAM	25	12	18.32	0.068	18.36	0.069	18.25	0.067
10	16QAM	25	25	18.37	0.069	18.38	0.069	18.32	0.068
10	16QAM	50	0	18.27	0.067	18.35	0.068	18.40	0.069
10	64QAM	1	0	17.12	0.052	17.24	0.053	17.58	0.057
10	64QAM	1	25	17.56	0.057	17.62	0.058	17.21	0.053
10	64QAM	1	49	17.58	0.057	17.26	0.053	17.19	0.052
10	64QAM	25	0	17.09	0.051	17.03	0.050	17.00	0.050
10	64QAM	25	12	17.14	0.052	17.17	0.052	17.09	0.051
10	64QAM	25	25	17.19	0.052	17.16	0.052	17.16	0.052
10	64QAM	50	0	17.11	0.051	17.04	0.051	17.15	0.052



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.09	0.081	19.42	0.087	19.20	0.083
5	QPSK	1	12	19.25	0.084	19.41	0.087	19.25	0.084
5	QPSK	1	24	19.21	0.083	19.40	0.087	19.26	0.084
5	QPSK	12	0	18.32	0.068	18.39	0.069	18.38	0.069
5	QPSK	12	7	18.43	0.070	18.45	0.070	18.42	0.070
5	QPSK	12	13	18.38	0.069	18.41	0.069	18.38	0.069
5	QPSK	25	0	18.34	0.068	18.46	0.070	18.42	0.070
5	16QAM	1	0	18.35	0.068	18.37	0.069	18.39	0.069
5	16QAM	1	12	18.52	0.071	18.47	0.070	18.48	0.070
5	16QAM	1	24	18.48	0.070	18.46	0.070	18.42	0.070
5	16QAM	12	0	18.22	0.066	18.19	0.066	18.22	0.066
5	16QAM	12	7	18.36	0.069	18.41	0.069	18.25	0.067
5	16QAM	12	13	18.31	0.068	18.28	0.067	18.33	0.068
5	16QAM	25	0	18.32	0.068	18.28	0.067	18.30	0.068
5	64QAM	1	0	17.10	0.051	17.11	0.051	17.16	0.052
5	64QAM	1	12	17.55	0.057	17.25	0.053	17.18	0.052
5	64QAM	1	24	17.53	0.057	17.22	0.053	17.27	0.053
5	64QAM	12	0	17.07	0.051	17.09	0.051	17.04	0.051
5	64QAM	12	7	17.17	0.052	17.05	0.051	17.11	0.051
5	64QAM	12	13	17.04	0.051	17.14	0.052	17.19	0.052
5	64QAM	25	0	17.19	0.052	17.15	0.052	17.12	0.052



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	19.17	0.083	19.44	0.088	19.11	0.081
3	QPSK	1	8	19.35	0.086	19.34	0.086	19.24	0.084
3	QPSK	1	14	19.29	0.085	19.40	0.087	19.35	0.086
3	QPSK	8	0	18.40	0.069	18.38	0.069	18.38	0.069
3	QPSK	8	4	18.43	0.070	18.46	0.070	18.47	0.070
3	QPSK	8	7	18.38	0.069	18.46	0.070	18.40	0.069
3	QPSK	15	0	18.37	0.069	18.45	0.070	18.31	0.068
3	16QAM	1	0	18.38	0.069	18.74	0.075	18.33	0.068
3	16QAM	1	8	18.58	0.072	18.56	0.072	18.51	0.071
3	16QAM	1	14	18.41	0.069	18.46	0.070	18.32	0.068
3	16QAM	8	0	18.38	0.069	18.27	0.067	18.30	0.068
3	16QAM	8	4	18.43	0.070	18.40	0.069	18.51	0.071
3	16QAM	8	7	18.27	0.067	18.30	0.068	18.36	0.069
3	16QAM	15	0	18.25	0.067	18.18	0.066	18.17	0.066
3	64QAM	1	0	17.11	0.051	17.45	0.056	17.44	0.055
3	64QAM	1	8	17.40	0.055	17.30	0.054	17.31	0.054
3	64QAM	1	14	17.33	0.054	17.18	0.052	17.29	0.054
3	64QAM	8	0	17.00	0.050	17.08	0.051	16.99	0.050
3	64QAM	8	4	17.09	0.051	17.13	0.052	17.12	0.052
3	64QAM	8	7	17.08	0.051	17.00	0.050	17.15	0.052
3	64QAM	15	0	17.07	0.051	17.09	0.051	17.01	0.050



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	19.20	0.083	19.37	0.086	19.17	0.083
1.4	QPSK	1	3	19.31	0.085	19.30	0.085	19.32	0.086
1.4	QPSK	1	5	19.20	0.083	19.25	0.084	19.21	0.083
1.4	QPSK	3	0	19.15	0.082	19.28	0.085	19.26	0.084
1.4	QPSK	3	1	19.36	0.086	19.36	0.086	19.03	0.080
1.4	QPSK	3	3	19.31	0.085	19.33	0.086	19.29	0.085
1.4	QPSK	6	0	18.37	0.069	18.34	0.068	18.32	0.068
1.4	16QAM	1	0	18.41	0.069	18.35	0.068	18.20	0.066
1.4	16QAM	1	3	18.22	0.066	18.65	0.073	18.32	0.068
1.4	16QAM	1	5	18.34	0.068	18.35	0.068	18.34	0.068
1.4	16QAM	3	0	18.18	0.066	18.21	0.066	18.22	0.066
1.4	16QAM	3	1	18.34	0.068	18.42	0.070	18.26	0.067
1.4	16QAM	3	3	18.17	0.066	18.31	0.068	18.31	0.068
1.4	16QAM	6	0	18.10	0.065	18.30	0.068	18.20	0.066
1.4	64QAM	1	0	16.95	0.050	17.10	0.051	16.94	0.049
1.4	64QAM	1	3	17.07	0.051	17.00	0.050	17.05	0.051
1.4	64QAM	1	5	17.23	0.053	17.26	0.053	17.22	0.053
1.4	64QAM	3	0	17.13	0.052	17.14	0.052	16.97	0.050
1.4	64QAM	3	1	17.11	0.051	17.35	0.054	17.20	0.052
1.4	64QAM	3	3	17.13	0.052	16.97	0.050	17.13	0.052
1.4	64QAM	6	0	17.09	0.051	17.10	0.051	16.97	0.050



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	19.43	0.088	19.46	0.088	19.43	0.088
10	QPSK	1	25	19.31	0.085	19.27	0.085	19.33	0.086
10	QPSK	1	49	19.24	0.084	19.27	0.085	19.22	0.084
10	QPSK	25	0	18.54	0.071	18.60	0.072	18.52	0.071
10	QPSK	25	12	18.39	0.069	18.33	0.068	18.47	0.070
10	QPSK	25	25	18.37	0.069	18.37	0.069	18.46	0.070
10	QPSK	50	0	18.50	0.071	18.37	0.069	18.38	0.069
10	16QAM	1	0	18.23	0.067	18.42	0.070	18.56	0.072
10	16QAM	1	25	18.44	0.070	18.73	0.075	18.57	0.072
10	16QAM	1	49	18.40	0.069	18.65	0.073	18.70	0.074
10	16QAM	25	0	18.34	0.068	18.58	0.072	18.57	0.072
10	16QAM	25	12	18.40	0.069	18.55	0.072	18.53	0.071
10	16QAM	25	25	18.23	0.067	18.49	0.071	18.54	0.071
10	16QAM	50	0	18.27	0.067	18.56	0.072	18.53	0.071
10	64QAM	1	0	17.24	0.053	17.57	0.057	17.25	0.053
10	64QAM	1	25	17.47	0.056	17.37	0.055	17.27	0.053
10	64QAM	1	49	17.21	0.053	17.24	0.053	17.24	0.053
10	64QAM	25	0	17.39	0.055	17.56	0.057	17.54	0.057
10	64QAM	25	12	17.31	0.054	17.39	0.055	17.56	0.057
10	64QAM	25	25	17.25	0.053	17.46	0.056	17.62	0.058
10	64QAM	50	0	17.32	0.054	17.55	0.057	17.56	0.057



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	19.37	0.086	19.33	0.086	19.29	0.085
5	QPSK	1	12	19.36	0.086	19.32	0.086	19.31	0.085
5	QPSK	1	24	19.28	0.085	19.34	0.086	19.33	0.086
5	QPSK	12	0	18.44	0.070	18.62	0.073	18.78	0.076
5	QPSK	12	7	18.56	0.072	18.65	0.073	18.73	0.075
5	QPSK	12	13	18.39	0.069	18.67	0.074	18.73	0.075
5	QPSK	25	0	18.42	0.070	18.59	0.072	18.72	0.074
5	16QAM	1	0	18.90	0.078	18.95	0.079	18.67	0.074
5	16QAM	1	12	19.07	0.081	18.63	0.073	19.00	0.079
5	16QAM	1	24	18.91	0.078	18.96	0.079	19.12	0.082
5	16QAM	12	0	18.35	0.068	18.38	0.069	18.59	0.072
5	16QAM	12	7	18.35	0.068	18.42	0.070	18.54	0.071
5	16QAM	12	13	18.26	0.067	18.51	0.071	18.54	0.071
5	16QAM	25	0	18.36	0.069	18.48	0.070	18.52	0.071
5	64QAM	1	0	17.16	0.052	17.17	0.052	17.17	0.052
5	64QAM	1	12	17.20	0.052	17.17	0.052	17.25	0.053
5	64QAM	1	24	17.25	0.053	17.25	0.053	17.17	0.052
5	64QAM	12	0	17.31	0.054	17.36	0.054	17.60	0.058
5	64QAM	12	7	17.44	0.055	17.52	0.056	17.46	0.056
5	64QAM	12	13	17.29	0.054	17.47	0.056	17.49	0.056
5	64QAM	25	0	17.26	0.053	17.45	0.056	17.61	0.058



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.82	0.241	23.88	0.244	23.86	0.243
20	QPSK	1	49	23.67	0.233	23.66	0.232	23.62	0.230
20	QPSK	1	99	23.60	0.229	23.59	0.229	23.62	0.230
20	QPSK	50	0	22.92	0.196	22.99	0.199	22.95	0.197
20	QPSK	50	24	22.73	0.187	22.75	0.188	22.88	0.194
20	QPSK	50	50	22.77	0.189	22.85	0.193	22.73	0.187
20	QPSK	100	0	22.75	0.188	22.75	0.188	22.67	0.185
20	16QAM	1	0	22.80	0.191	22.56	0.180	22.84	0.192
20	16QAM	1	49	22.85	0.193	22.59	0.182	22.65	0.184
20	16QAM	1	99	22.85	0.193	23.03	0.201	22.82	0.191
20	16QAM	50	0	22.97	0.198	22.94	0.197	22.91	0.195
20	16QAM	50	24	22.86	0.193	22.86	0.193	22.87	0.194
20	16QAM	50	50	22.83	0.192	22.75	0.188	22.71	0.187
20	16QAM	100	0	22.79	0.190	22.82	0.191	22.88	0.194
20	64QAM	1	0	22.12	0.163	21.89	0.155	22.22	0.167
20	64QAM	1	49	21.89	0.155	22.22	0.167	22.21	0.166
20	64QAM	1	99	22.12	0.163	22.24	0.167	22.32	0.171
20	64QAM	50	0	22.08	0.161	21.98	0.158	22.11	0.163
20	64QAM	50	24	22.02	0.159	21.96	0.157	22.08	0.161
20	64QAM	50	50	22.04	0.160	21.92	0.156	21.98	0.158
20	64QAM	100	0	22.03	0.160	22.03	0.160	22.01	0.159



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	23.80	0.240	23.84	0.242	23.82	0.241
15	QPSK	1	37	23.84	0.242	23.80	0.240	23.78	0.239
15	QPSK	1	74	23.78	0.239	23.74	0.237	23.72	0.236
15	QPSK	36	0	22.86	0.193	22.83	0.192	22.87	0.194
15	QPSK	36	20	22.86	0.193	22.78	0.190	22.88	0.194
15	QPSK	36	39	22.72	0.187	22.77	0.189	22.74	0.188
15	QPSK	75	0	22.81	0.191	22.85	0.193	22.78	0.190
15	16QAM	1	0	22.80	0.191	22.67	0.185	22.97	0.198
15	16QAM	1	37	22.67	0.185	22.97	0.198	22.90	0.195
15	16QAM	1	74	22.77	0.189	22.67	0.185	22.67	0.185
15	16QAM	36	0	22.98	0.199	22.98	0.199	22.89	0.195
15	16QAM	36	20	23.01	0.200	23.00	0.200	23.06	0.202
15	16QAM	36	39	22.93	0.196	23.08	0.203	23.02	0.200
15	16QAM	75	0	23.03	0.201	23.01	0.200	22.97	0.198
15	64QAM	1	0	22.34	0.171	22.24	0.167	22.34	0.171
15	64QAM	1	37	22.36	0.172	22.14	0.164	22.24	0.167
15	64QAM	1	74	22.01	0.159	22.27	0.169	22.34	0.171
15	64QAM	36	0	22.13	0.163	22.12	0.163	22.25	0.168
15	64QAM	36	20	22.23	0.167	22.19	0.166	22.20	0.166
15	64QAM	36	39	22.12	0.163	22.06	0.161	22.10	0.162
15	64QAM	75	0	22.14	0.164	22.16	0.164	22.13	0.163



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	23.83	0.242	23.83	0.242	23.84	0.242
10	QPSK	1	25	23.73	0.236	23.71	0.235	23.79	0.239
10	QPSK	1	49	23.87	0.244	23.75	0.237	23.65	0.232
10	QPSK	25	0	23.17	0.207	23.10	0.204	23.17	0.207
10	QPSK	25	12	23.14	0.206	23.33	0.215	23.11	0.205
10	QPSK	25	25	23.10	0.204	23.06	0.202	22.98	0.199
10	QPSK	50	0	23.18	0.208	23.03	0.201	23.22	0.210
10	16QAM	1	0	23.10	0.204	23.10	0.204	23.30	0.214
10	16QAM	1	25	23.10	0.204	23.19	0.208	23.31	0.214
10	16QAM	1	49	22.93	0.196	23.13	0.206	23.01	0.200
10	16QAM	25	0	22.94	0.197	23.11	0.205	22.99	0.199
10	16QAM	25	12	22.93	0.196	23.13	0.206	23.04	0.201
10	16QAM	25	25	22.84	0.192	22.89	0.195	22.89	0.195
10	16QAM	50	0	23.00	0.200	23.04	0.201	23.05	0.202
10	64QAM	1	0	22.17	0.165	22.17	0.165	21.84	0.153
10	64QAM	1	25	21.84	0.153	21.97	0.157	21.87	0.154
10	64QAM	1	49	21.84	0.153	21.84	0.153	21.84	0.153
10	64QAM	25	0	22.17	0.165	22.15	0.164	22.17	0.165
10	64QAM	25	12	22.16	0.164	22.20	0.166	22.24	0.167
10	64QAM	25	25	22.16	0.164	22.09	0.162	22.11	0.163
10	64QAM	50	0	22.06	0.161	22.16	0.164	22.17	0.165



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	23.72	0.236	23.75	0.237	23.80	0.240
5	QPSK	1	12	23.75	0.237	23.75	0.237	23.74	0.237
5	QPSK	1	24	23.83	0.242	23.73	0.236	23.79	0.239
5	QPSK	12	0	22.86	0.193	22.88	0.194	22.84	0.192
5	QPSK	12	7	22.88	0.194	22.96	0.198	22.89	0.195
5	QPSK	12	13	22.74	0.188	22.80	0.191	22.81	0.191
5	QPSK	25	0	22.84	0.192	22.85	0.193	22.84	0.192
5	16QAM	1	0	23.33	0.215	23.02	0.200	23.03	0.201
5	16QAM	1	12	22.96	0.198	23.25	0.211	23.20	0.209
5	16QAM	1	24	23.08	0.203	22.97	0.198	23.32	0.215
5	16QAM	12	0	22.97	0.198	23.08	0.203	23.04	0.201
5	16QAM	12	7	23.14	0.206	23.06	0.202	23.18	0.208
5	16QAM	12	13	23.05	0.202	22.99	0.199	23.06	0.202
5	16QAM	25	0	23.06	0.202	23.08	0.203	23.00	0.200
5	64QAM	1	0	21.84	0.153	22.24	0.167	22.04	0.160
5	64QAM	1	12	22.14	0.164	22.14	0.164	22.14	0.164
5	64QAM	1	24	21.97	0.157	22.01	0.159	21.97	0.157
5	64QAM	12	0	22.21	0.166	21.96	0.157	22.17	0.165
5	64QAM	12	7	22.29	0.169	21.88	0.154	22.19	0.166
5	64QAM	12	13	22.12	0.163	22.24	0.167	22.19	0.166
5	64QAM	25	0	22.19	0.166	22.27	0.169	22.14	0.164



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	23.79	0.239	23.70	0.234	23.69	0.234
3	QPSK	1	8	23.66	0.232	23.67	0.233	23.75	0.237
3	QPSK	1	14	23.57	0.228	23.38	0.218	23.68	0.233
3	QPSK	8	0	23.12	0.205	23.09	0.204	23.13	0.206
3	QPSK	8	4	23.07	0.203	22.99	0.199	23.09	0.204
3	QPSK	8	7	22.93	0.196	22.98	0.199	22.95	0.197
3	QPSK	15	0	23.02	0.200	23.06	0.202	22.99	0.199
3	16QAM	1	0	22.71	0.187	23.12	0.205	22.88	0.194
3	16QAM	1	8	23.04	0.201	22.98	0.199	22.97	0.198
3	16QAM	1	14	23.08	0.203	22.97	0.198	22.67	0.185
3	16QAM	8	0	22.89	0.195	22.89	0.195	22.80	0.191
3	16QAM	8	4	22.92	0.196	22.91	0.195	22.97	0.198
3	16QAM	8	7	22.84	0.192	22.99	0.199	22.93	0.196
3	16QAM	15	0	22.94	0.197	22.92	0.196	22.88	0.194
3	64QAM	1	0	22.25	0.168	22.15	0.164	22.25	0.168
3	64QAM	1	8	22.27	0.169	22.05	0.160	22.15	0.164
3	64QAM	1	14	21.92	0.156	22.18	0.165	22.25	0.168
3	64QAM	8	0	22.04	0.160	22.03	0.160	22.16	0.164
3	64QAM	8	4	22.14	0.164	22.10	0.162	22.11	0.163
3	64QAM	8	7	22.03	0.160	21.97	0.157	22.01	0.159
3	64QAM	15	0	22.05	0.160	22.07	0.161	22.04	0.160



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	23.73	0.236	23.64	0.231	23.65	0.232
1.4	QPSK	1	3	23.79	0.239	23.81	0.240	23.81	0.240
1.4	QPSK	1	5	23.71	0.235	23.59	0.229	23.75	0.237
1.4	QPSK	3	0	23.70	0.234	23.63	0.231	23.70	0.234
1.4	QPSK	3	1	23.67	0.233	23.73	0.236	23.64	0.231
1.4	QPSK	3	3	23.68	0.233	23.64	0.231	23.56	0.227
1.4	QPSK	6	0	23.15	0.207	23.00	0.200	23.19	0.208
1.4	16QAM	1	0	23.02	0.200	23.02	0.200	23.22	0.210
1.4	16QAM	1	3	23.02	0.200	23.11	0.205	23.23	0.210
1.4	16QAM	1	5	22.85	0.193	23.05	0.202	22.93	0.196
1.4	16QAM	3	0	22.80	0.191	22.77	0.189	23.03	0.201
1.4	16QAM	3	1	22.89	0.195	22.79	0.190	22.91	0.195
1.4	16QAM	3	3	22.90	0.195	22.91	0.195	22.85	0.193
1.4	16QAM	6	0	22.79	0.190	22.70	0.186	22.71	0.187
1.4	64QAM	1	0	22.30	0.170	22.15	0.164	22.31	0.170
1.4	64QAM	1	3	22.03	0.160	22.12	0.163	22.12	0.163
1.4	64QAM	1	5	22.00	0.158	22.00	0.158	22.11	0.163
1.4	64QAM	3	0	22.09	0.162	22.07	0.161	22.09	0.162
1.4	64QAM	3	1	22.08	0.161	22.12	0.163	22.16	0.164
1.4	64QAM	3	3	22.08	0.161	22.01	0.159	22.03	0.160
1.4	64QAM	6	0	21.98	0.158	22.08	0.161	22.09	0.162



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.34	0.086	19.38	0.087	19.35	0.086
20	QPSK	1	49	19.32	0.086	19.29	0.085	19.35	0.086
20	QPSK	1	99	19.30	0.085	19.28	0.085	19.30	0.085
20	QPSK	50	0	18.41	0.069	18.49	0.071	18.37	0.069
20	QPSK	50	24	18.30	0.068	18.24	0.067	18.09	0.064
20	QPSK	50	50	18.32	0.068	18.11	0.065	18.17	0.066
20	QPSK	100	0	18.38	0.069	18.12	0.065	18.19	0.066
20	16QAM	1	0	18.10	0.065	18.25	0.067	18.53	0.071
20	16QAM	1	49	18.06	0.064	18.17	0.066	18.31	0.068
20	16QAM	1	99	18.21	0.066	18.10	0.065	18.11	0.065
20	16QAM	50	0	18.21	0.066	18.07	0.064	18.10	0.065
20	16QAM	50	24	18.16	0.065	17.96	0.063	18.11	0.065
20	16QAM	50	50	18.23	0.067	18.03	0.064	18.11	0.065
20	16QAM	100	0	18.11	0.065	18.13	0.065	18.13	0.065
20	64QAM	1	0	17.53	0.057	17.40	0.055	17.22	0.053
20	64QAM	1	49	17.18	0.052	17.22	0.053	17.32	0.054
20	64QAM	1	99	17.22	0.053	17.18	0.052	17.50	0.056
20	64QAM	50	0	17.58	0.057	17.39	0.055	17.38	0.055
20	64QAM	50	24	17.67	0.058	17.39	0.055	17.30	0.054
20	64QAM	50	50	17.65	0.058	17.45	0.056	17.21	0.053
20	64QAM	100	0	17.59	0.057	17.42	0.055	17.35	0.054



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.26	0.084	19.30	0.085	19.27	0.085
15	QPSK	1	37	19.29	0.085	19.28	0.085	19.21	0.083
15	QPSK	1	74	19.15	0.082	19.28	0.085	19.20	0.083
15	QPSK	36	0	18.43	0.070	18.24	0.067	18.10	0.065
15	QPSK	36	20	18.39	0.069	18.21	0.066	18.00	0.063
15	QPSK	36	39	18.38	0.069	18.22	0.066	18.07	0.064
15	QPSK	75	0	18.39	0.069	18.27	0.067	18.09	0.064
15	16QAM	1	0	18.11	0.065	18.43	0.070	18.20	0.066
15	16QAM	1	37	18.20	0.066	18.29	0.067	18.34	0.068
15	16QAM	1	74	18.14	0.065	18.13	0.065	18.11	0.065
15	16QAM	36	0	18.15	0.065	18.29	0.067	18.58	0.072
15	16QAM	36	20	18.16	0.065	18.32	0.068	18.40	0.069
15	16QAM	36	39	18.33	0.068	18.21	0.066	18.27	0.067
15	16QAM	75	0	18.50	0.071	18.37	0.069	18.39	0.069
15	64QAM	1	0	17.48	0.056	17.48	0.056	17.30	0.054
15	64QAM	1	37	17.58	0.057	17.30	0.054	17.32	0.054
15	64QAM	1	74	17.30	0.054	17.29	0.054	17.29	0.054
15	64QAM	36	0	17.65	0.058	17.42	0.055	17.37	0.055
15	64QAM	36	20	17.41	0.055	17.43	0.055	17.36	0.054
15	64QAM	36	39	17.31	0.054	17.44	0.055	17.19	0.052
15	64QAM	75	0	17.61	0.058	17.40	0.055	17.33	0.054



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.25	0.084	19.30	0.085	19.26	0.084
10	QPSK	1	25	19.20	0.083	19.24	0.084	19.26	0.084
10	QPSK	1	49	19.16	0.082	19.28	0.085	19.28	0.085
10	QPSK	25	0	18.37	0.069	18.19	0.066	18.08	0.064
10	QPSK	25	12	18.47	0.070	18.18	0.066	18.18	0.066
10	QPSK	25	25	18.36	0.069	18.13	0.065	18.07	0.064
10	QPSK	50	0	18.40	0.069	18.21	0.066	18.26	0.067
10	16QAM	1	0	18.11	0.065	18.11	0.065	18.12	0.065
10	16QAM	1	25	18.15	0.065	18.05	0.064	18.02	0.063
10	16QAM	1	49	18.20	0.066	18.20	0.066	18.25	0.067
10	16QAM	25	0	18.48	0.070	18.30	0.068	18.28	0.067
10	16QAM	25	12	18.33	0.068	18.35	0.068	18.04	0.064
10	16QAM	25	25	18.45	0.070	18.30	0.068	18.09	0.064
10	16QAM	50	0	18.00	0.063	18.14	0.065	18.11	0.065
10	64QAM	1	0	17.49	0.056	17.31	0.054	17.29	0.054
10	64QAM	1	25	17.38	0.055	17.49	0.056	17.30	0.054
10	64QAM	1	49	17.32	0.054	17.29	0.054	17.29	0.054
10	64QAM	25	0	17.59	0.057	17.37	0.055	17.20	0.052
10	64QAM	25	12	17.18	0.052	17.50	0.056	17.21	0.053
10	64QAM	25	25	17.58	0.057	17.47	0.056	17.13	0.052
10	64QAM	50	0	17.58	0.057	17.37	0.055	17.19	0.052



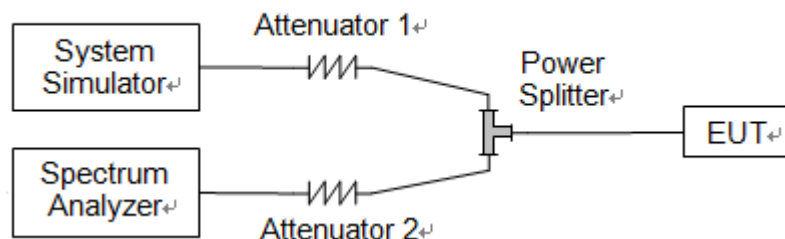
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.29	0.085	19.26	0.084	19.31	0.085
5	QPSK	1	12	19.20	0.083	19.28	0.085	19.20	0.083
5	QPSK	1	24	19.25	0.084	19.21	0.083	19.27	0.085
5	QPSK	12	0	18.27	0.067	18.11	0.065	18.30	0.068
5	QPSK	12	7	18.44	0.070	18.18	0.066	18.07	0.064
5	QPSK	12	13	18.44	0.070	18.17	0.066	18.28	0.067
5	QPSK	25	0	18.29	0.067	18.09	0.064	18.19	0.066
5	16QAM	1	0	18.40	0.069	18.34	0.068	18.35	0.068
5	16QAM	1	12	18.39	0.069	18.28	0.067	18.31	0.068
5	16QAM	1	24	18.37	0.069	18.22	0.066	18.22	0.066
5	16QAM	12	0	18.46	0.070	18.09	0.064	18.16	0.065
5	16QAM	12	7	18.40	0.069	18.07	0.064	18.11	0.065
5	16QAM	12	13	18.16	0.065	18.13	0.065	18.07	0.064
5	16QAM	25	0	18.23	0.067	18.10	0.065	18.20	0.066
5	64QAM	1	0	17.18	0.052	17.62	0.058	17.41	0.055
5	64QAM	1	12	17.48	0.056	17.58	0.057	17.32	0.054
5	64QAM	1	24	17.42	0.055	17.58	0.057	17.48	0.056
5	64QAM	12	0	17.31	0.054	17.36	0.054	17.26	0.053
5	64QAM	12	7	17.31	0.054	17.40	0.055	17.26	0.053
5	64QAM	12	13	17.58	0.057	17.46	0.056	17.25	0.053
5	64QAM	25	0	17.58	0.057	17.44	0.055	17.23	0.053

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	1.24
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.24
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.06
	Low	16QAM	2.71	3.04
	Low	64QAM	2.72	3.05
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.72	3.06
	Mid	64QAM	2.71	3.05
	High	QPSK	2.72	3.04
	High	16QAM	2.71	3.02
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.95
	Low	64QAM	4.51	4.96
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.49	4.96
	Mid	64QAM	4.51	4.98
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.97
	High	64QAM	4.51	5.01
10	Low	QPSK	9.03	9.86
	Low	16QAM	9.00	9.80
	Low	64QAM	9.03	9.99
	Mid	QPSK	9.02	9.83
	Mid	16QAM	8.98	9.91
	Mid	64QAM	9.01	9.93
	High	QPSK	8.99	9.96
	High	16QAM	8.98	9.84
	High	64QAM	9.02	9.91



15	Low	QPSK	13.49	14.77
	Low	16QAM	13.49	14.92
	Low	64QAM	13.48	14.98
	Mid	QPSK	13.52	14.90
	Mid	16QAM	13.49	14.93
	Mid	64QAM	13.47	14.86
	High	QPSK	13.49	14.91
	High	16QAM	13.48	14.90
	High	64QAM	13.45	14.81
20	Low	QPSK	17.95	19.77
	Low	16QAM	17.99	19.75
	Low	64QAM	17.99	19.76
	Mid	QPSK	18.04	19.88
	Mid	16QAM	18.06	19.81
	Mid	64QAM	18.04	19.70
	High	QPSK	17.94	19.67
	High	16QAM	17.95	19.56
	High	64QAM	17.93	19.70



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.26
	Low	64QAM	1.10	1.24
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.11	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.24
3	Low	QPSK	2.71	3.03
	Low	16QAM	2.72	3.04
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.71	3.06
	Mid	16QAM	2.71	3.05
	Mid	64QAM	2.71	3.04
	High	QPSK	2.71	3.05
	High	16QAM	2.72	3.03
	High	64QAM	2.71	3.03
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.49	4.99
	Low	64QAM	4.52	4.99
	Mid	QPSK	4.51	4.97
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.50	4.96
	High	QPSK	4.50	4.98
	High	16QAM	4.49	4.98
	High	64QAM	4.50	4.98
10	Low	QPSK	9.04	9.85
	Low	16QAM	8.98	9.81
	Low	64QAM	8.99	9.95
	Mid	QPSK	9.01	9.90
	Mid	16QAM	8.96	9.51
	Mid	64QAM	9.03	9.95
	High	QPSK	9.00	9.88
	High	16QAM	8.98	9.83
	High	64QAM	9.01	9.93



15	Low	QPSK	13.49	14.90
	Low	16QAM	13.46	14.93
	Low	64QAM	13.45	14.96
	Mid	QPSK	13.47	14.94
	Mid	16QAM	13.50	14.97
	Mid	64QAM	13.47	14.99
	High	QPSK	13.49	14.81
	High	16QAM	13.48	14.94
	High	64QAM	13.46	14.93
20	Low	QPSK	17.94	19.74
	Low	16QAM	17.96	19.78
	Low	64QAM	17.95	19.65
	Mid	QPSK	17.99	19.70
	Mid	16QAM	18.05	19.79
	Mid	64QAM	18.00	19.89
	High	QPSK	17.98	19.74
	High	16QAM	18.01	19.83
	High	64QAM	18.02	19.75



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.72	3.07
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.71	3.05
	Mid	64QAM	2.71	3.04
	High	QPSK	2.72	3.05
	High	16QAM	2.72	3.07
	High	64QAM	2.71	3.02
5	Low	QPSK	4.51	4.98
	Low	16QAM	4.50	4.95
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.49	4.96
	High	QPSK	4.50	4.95
	High	16QAM	4.47	4.82
	High	64QAM	4.51	4.99
10	Low	QPSK	9.02	9.92
	Low	16QAM	9.00	9.82
	Low	64QAM	9.01	9.93
	Mid	QPSK	9.01	9.90
	Mid	16QAM	8.97	9.80
	Mid	64QAM	8.99	9.94
	High	QPSK	9.02	9.84
	High	16QAM	8.97	9.82
	High	64QAM	9.01	9.92



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.96
	Low	64QAM	4.52	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.50	4.98
	High	QPSK	4.50	4.97
	High	16QAM	4.51	4.98
	High	64QAM	4.51	4.97
10	Low	QPSK	9.00	9.97
	Low	16QAM	8.98	9.86
	Low	64QAM	9.01	9.99
	Mid	QPSK	9.04	9.90
	Mid	16QAM	8.98	9.86
	Mid	64QAM	9.05	9.90
	High	QPSK	9.03	9.90
	High	16QAM	8.99	9.82
	High	64QAM	9.01	9.98
15	Low	QPSK	13.46	14.29
	Low	16QAM	13.50	14.95
	Low	64QAM	13.47	14.97
	Mid	QPSK	13.49	15.03
	Mid	16QAM	13.51	14.86
	Mid	64QAM	13.47	14.97
	High	QPSK	13.48	14.99
	High	16QAM	13.51	15.02
	High	64QAM	13.48	14.98
20	Low	QPSK	17.99	19.81
	Low	16QAM	18.02	19.92
	Low	64QAM	18.00	19.87
	Mid	QPSK	18.02	19.76
	Mid	16QAM	18.02	19.86
	Mid	64QAM	18.07	19.90
	High	QPSK	17.99	19.79
	High	16QAM	18.02	19.85
	High	64QAM	18.01	19.80



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.11	1.26
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.72	3.06
	Low	64QAM	2.71	3.03
	Mid	QPSK	2.71	3.05
	Mid	16QAM	2.71	3.04
	Mid	64QAM	2.71	3.05
	High	QPSK	2.71	3.04
	High	16QAM	2.71	3.05
	High	64QAM	2.71	3.04
5	Low	QPSK	4.51	4.96
	Low	16QAM	4.51	4.97
	Low	64QAM	4.52	4.98
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.95
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.96
	High	64QAM	4.50	5.00
10	Low	QPSK	9.00	9.88
	Low	16QAM	8.99	9.84
	Low	64QAM	9.00	9.90
	Mid	QPSK	8.97	9.84
	Mid	16QAM	8.95	9.80
	Mid	64QAM	8.98	9.91
	High	QPSK	9.02	9.88
	High	16QAM	8.98	9.80
	High	64QAM	9.03	9.94



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.49	4.99
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.50	4.95
	Mid	64QAM	4.51	4.96
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.99
	High	64QAM	4.50	4.97
10	Low	QPSK	8.99	9.84
	Low	16QAM	8.98	9.85
	Low	64QAM	9.01	9.87
	Mid	QPSK	9.03	9.89
	Mid	16QAM	8.98	9.83
	Mid	64QAM	9.02	9.91
	High	QPSK	9.01	9.95
	High	16QAM	8.98	9.84
	High	64QAM	9.01	9.99



LTE Band 66				
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	1.11	1.25
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.43
	High	64QAM	1.10	1.24
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.72	3.03
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.71	3.03
	Mid	16QAM	2.71	3.03
	Mid	64QAM	2.71	3.06
	High	QPSK	2.72	3.05
	High	16QAM	2.71	3.06
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.49	4.95
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.50	4.98
	High	QPSK	4.49	4.85
	High	16QAM	4.51	4.99
	High	64QAM	4.50	4.96
10	Low	QPSK	8.99	9.83
	Low	16QAM	8.98	9.83
	Low	64QAM	9.01	9.88
	Mid	QPSK	9.01	9.83
	Mid	16QAM	8.98	9.81
	Mid	64QAM	9.02	9.96
	High	QPSK	9.02	9.88
	High	16QAM	8.98	9.84
	High	64QAM	9.01	9.97



15	Low	QPSK	13.48	14.95
	Low	16QAM	13.48	14.92
	Low	64QAM	13.47	14.91
	Mid	QPSK	13.50	14.76
	Mid	16QAM	13.50	14.98
	Mid	64QAM	13.48	14.93
	High	QPSK	13.50	14.86
	High	16QAM	13.49	15.06
	High	64QAM	13.44	14.92
20	Low	QPSK	17.95	19.71
	Low	16QAM	17.94	19.75
	Low	64QAM	17.99	19.65
	Mid	QPSK	18.00	19.76
	Mid	16QAM	18.05	19.92
	Mid	64QAM	18.03	19.74
	High	QPSK	17.97	19.80
	High	16QAM	18.04	20.01
	High	64QAM	17.98	19.86



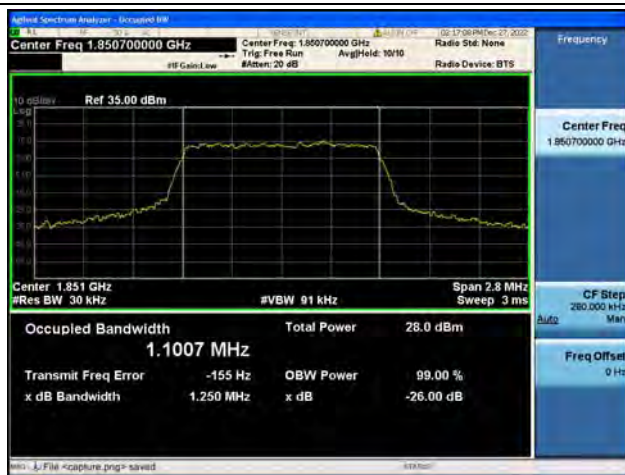
LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.48	4.93
	Low	16QAM	4.48	4.82
	Low	64QAM	4.50	4.94
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.49	4.96
	Mid	64QAM	4.50	4.98
	High	QPSK	4.49	4.96
	High	16QAM	4.50	4.93
	High	64QAM	4.50	5.00
10	Low	QPSK	8.98	9.83
	Low	16QAM	8.97	9.83
	Low	64QAM	9.00	9.92
	Mid	QPSK	9.01	9.91
	Mid	16QAM	8.96	9.85
	Mid	64QAM	9.00	9.94
	High	QPSK	8.99	9.82
	High	16QAM	8.98	9.85
	High	64QAM	9.00	9.93
15	Low	QPSK	13.46	14.87
	Low	16QAM	13.48	14.88
	Low	64QAM	13.49	14.98
	Mid	QPSK	13.42	14.36
	Mid	16QAM	13.42	14.96
	Mid	64QAM	13.41	14.82
	High	QPSK	13.50	14.93
	High	16QAM	13.52	15.01
	High	64QAM	13.51	14.90
20	Low	QPSK	17.96	19.79
	Low	16QAM	17.97	19.75
	Low	64QAM	17.98	19.71
	Mid	QPSK	17.95	19.74
	Mid	16QAM	17.98	19.71
	Mid	64QAM	17.97	19.85
	High	QPSK	18.06	19.80
	High	16QAM	18.04	19.79
	High	64QAM	18.07	19.77



Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



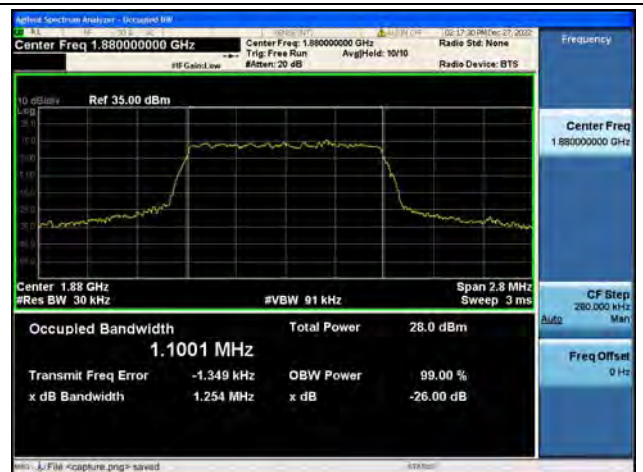
Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



Band2 / 1.4MHz / 64QAM/ Mid CH



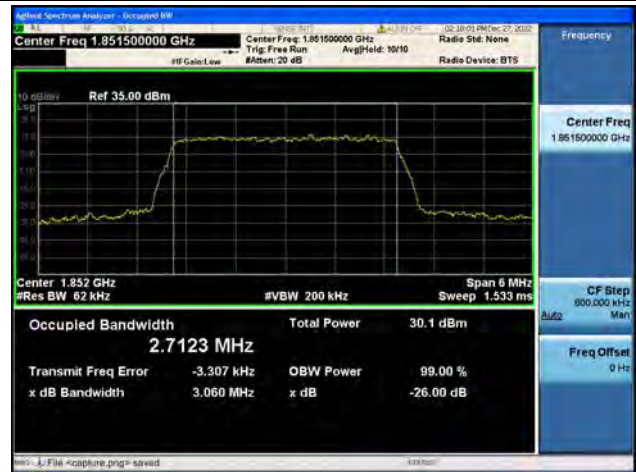
Band2 / 1.4MHz / QPSK/ High CH



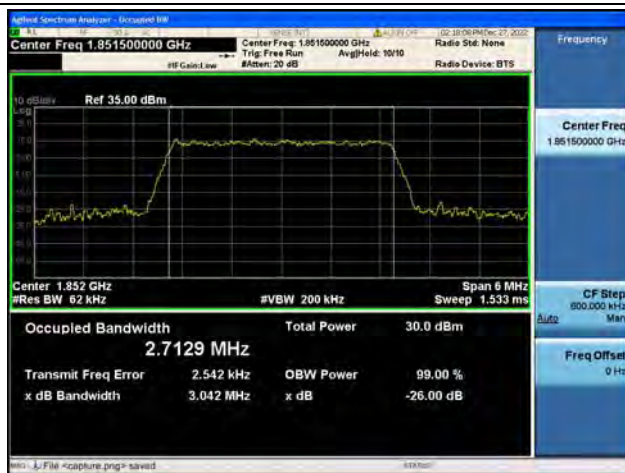
Band2 / 1.4MHz / 16QAM/ High CH



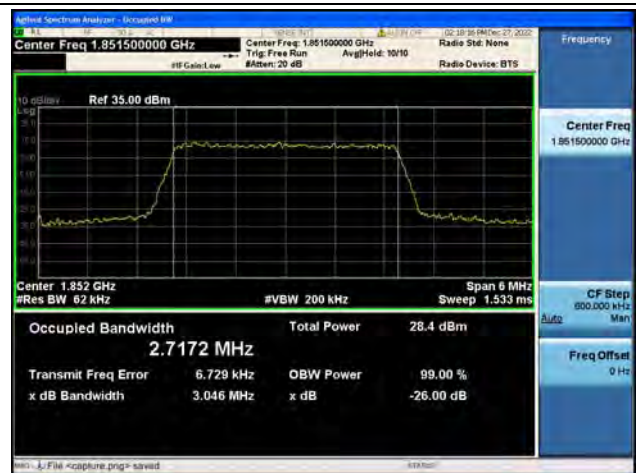
Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH



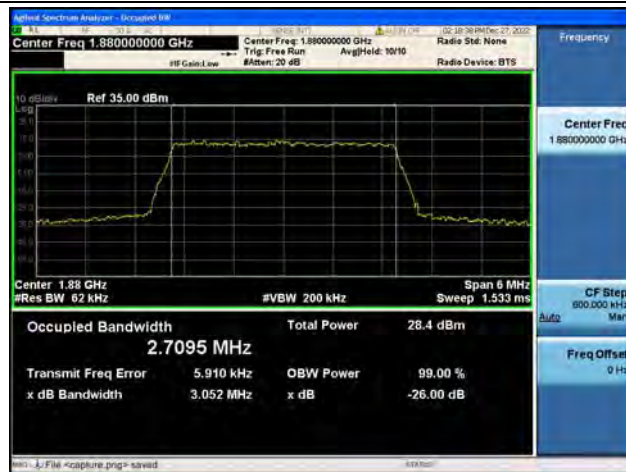
Band2 / 3MHz / 64QAM/ Low CH



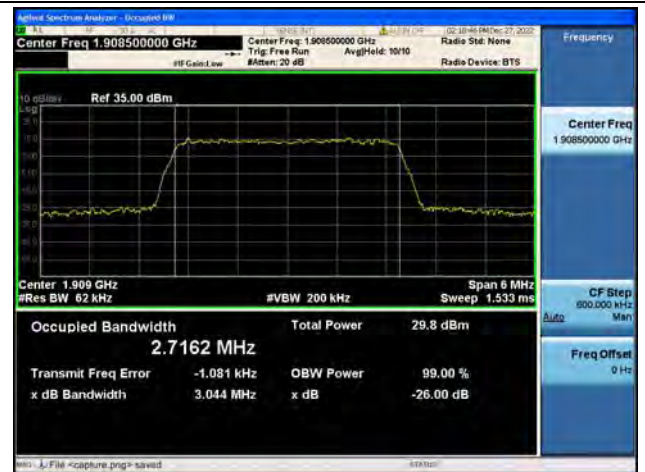
Band2 / 3MHz / QPSK/ Mid CH



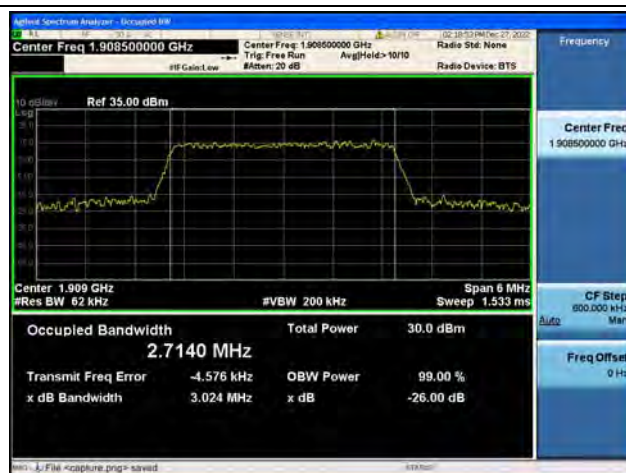
Band2 / 3MHz / 16QAM/ Mid CH



Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH



Band2 / 3MHz / 64QAM/ High CH



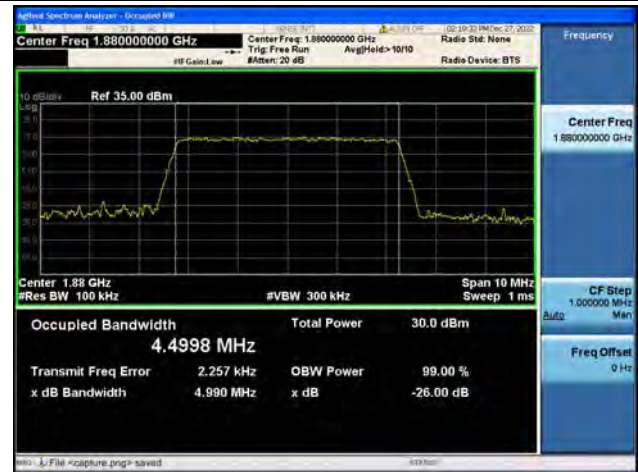
Band2 / 5MHz / QPSK/ Low CH



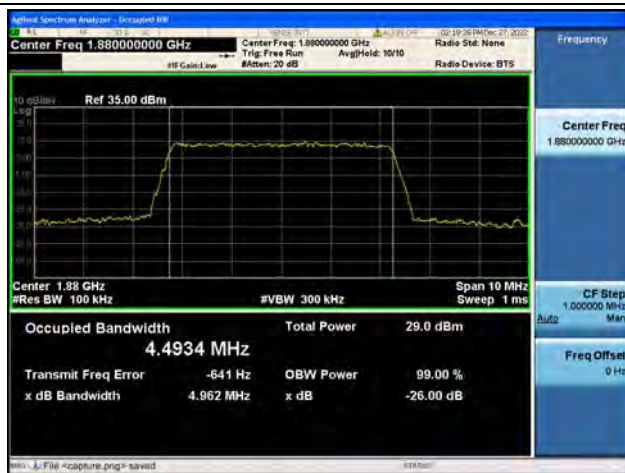
Band2 / 5MHz / 16QAM/ Low CH



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



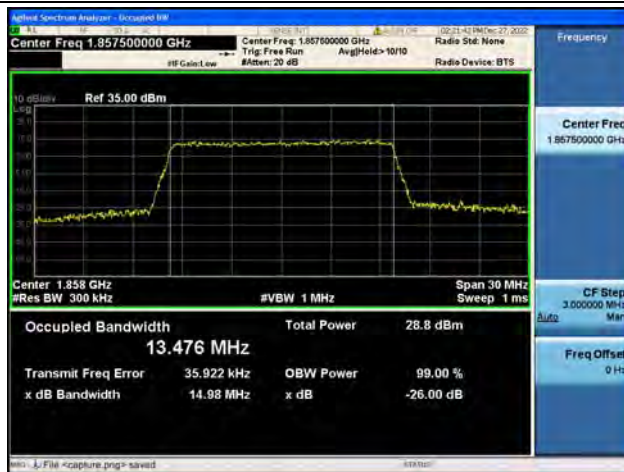
Band2 / 10MHz / 64QAM/ High CH



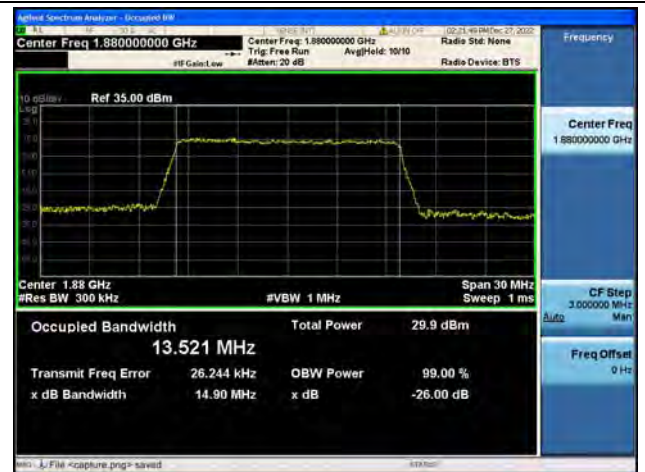
Band2 / 15MHz / QPSK/ Low CH



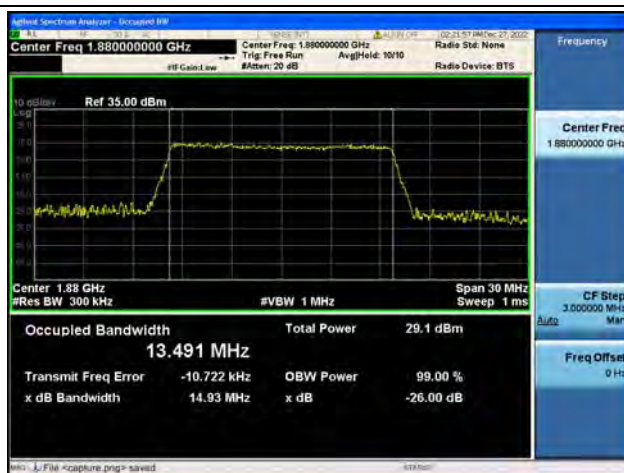
Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH



Band2 / 15MHz / 64QAM/ Mid CH



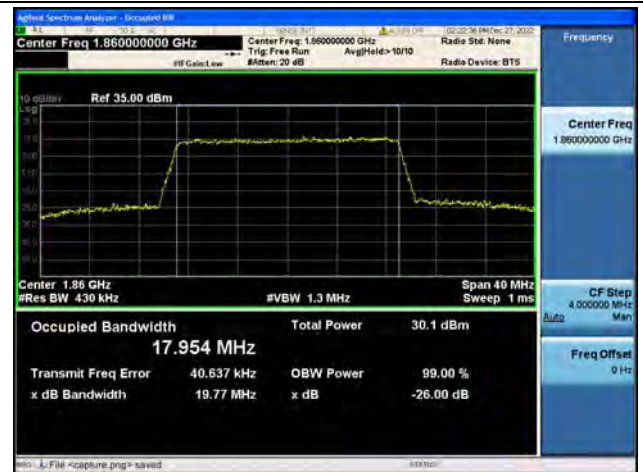
Band2 / 15MHz / QPSK/ High CH



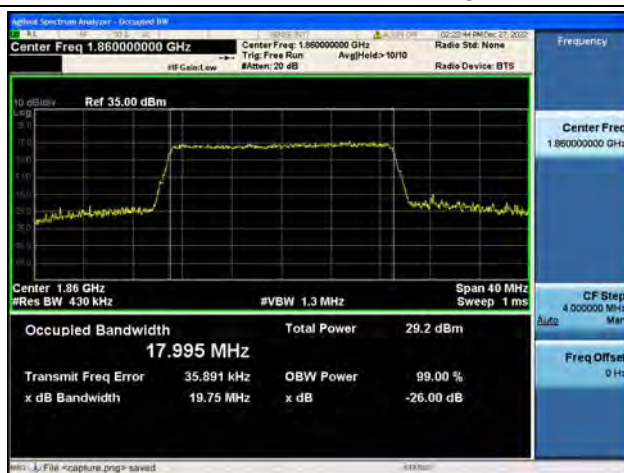
Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH



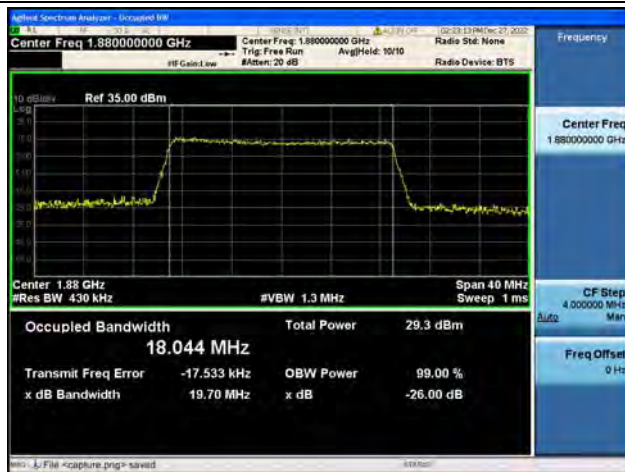
Band2 / 20MHz / 64QAM/ Low CH



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



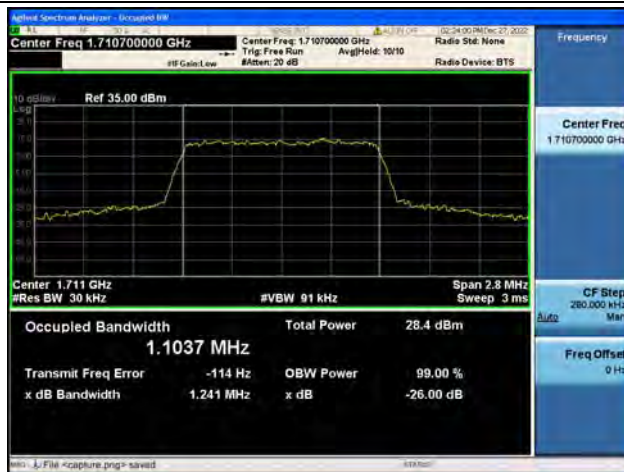
Band2 / 20MHz / 64QAM/ High CH



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



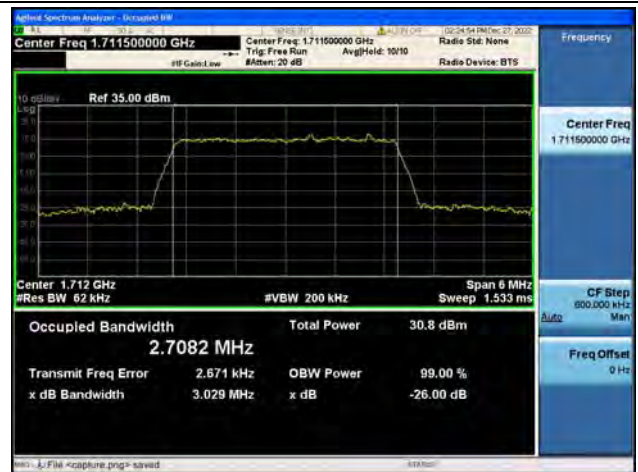
Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH



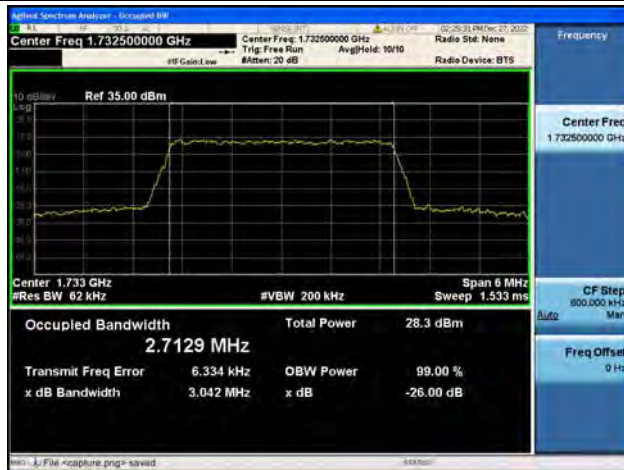
Band4 / 3MHz / 64QAM/ Low CH



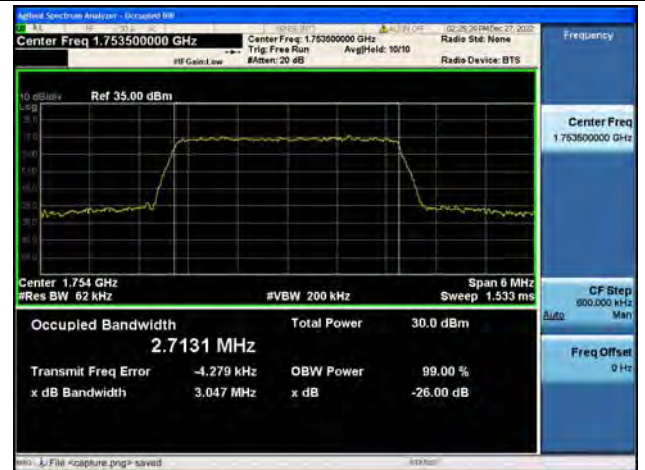
Band4 / 3MHz / QPSK/ Mid CH



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



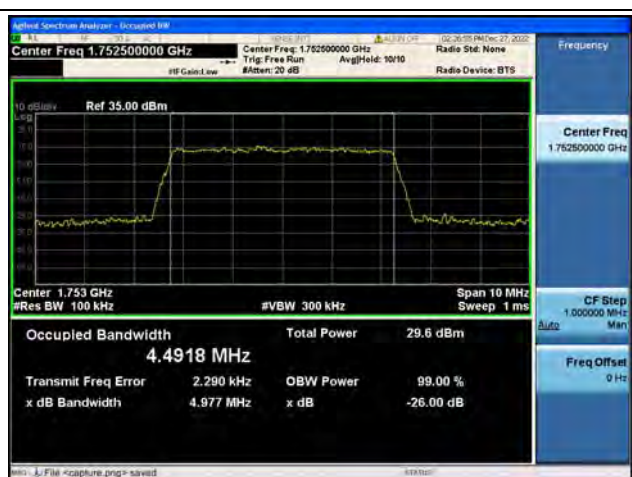
Band4 / 5MHz / 16QAM/ Mid CH



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



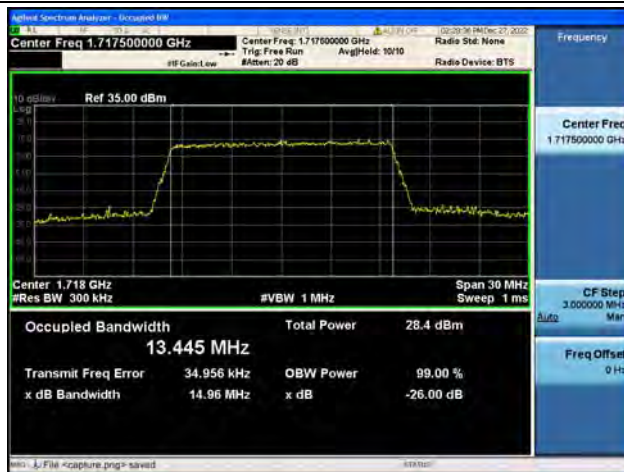
Band4 / 10MHz / 64QAM/ High CH



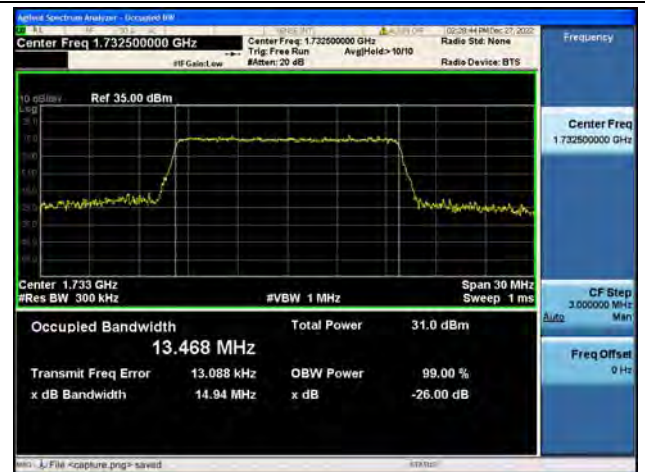
Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



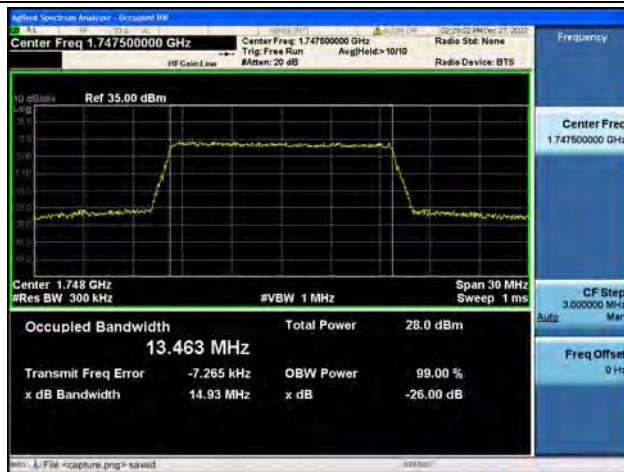
Band4 / 15MHz / 64QAM/ Mid CH



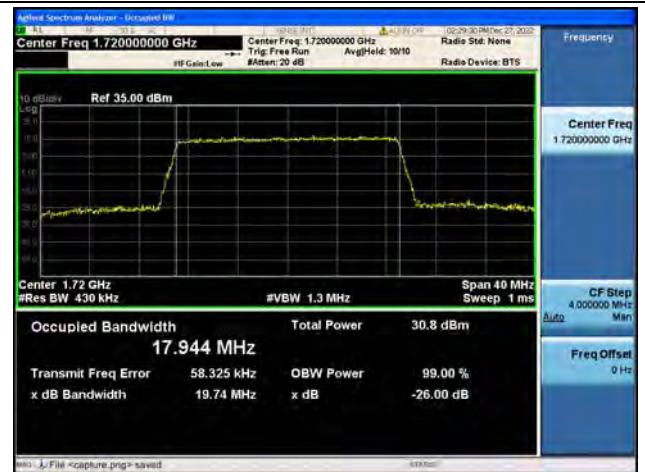
Band4 / 15MHz / QPSK/ High CH



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



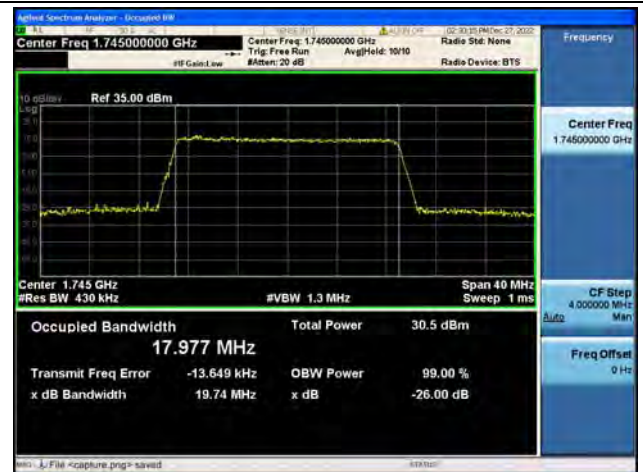
Band4 / 20MHz / QPSK/ Mid CH



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



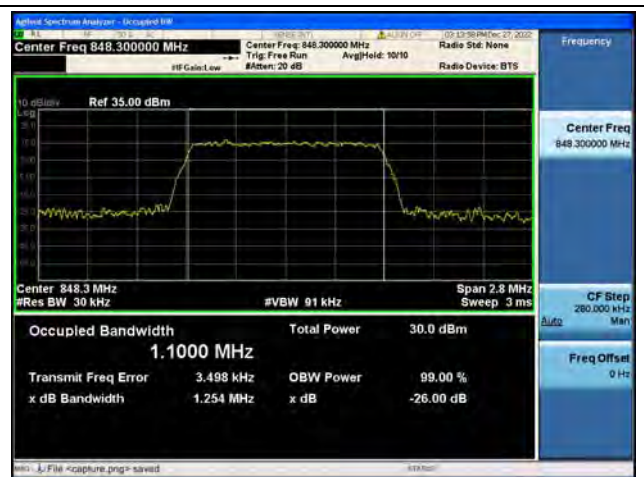
Band5 / 1.4MHz / 16QAM/ Mid CH



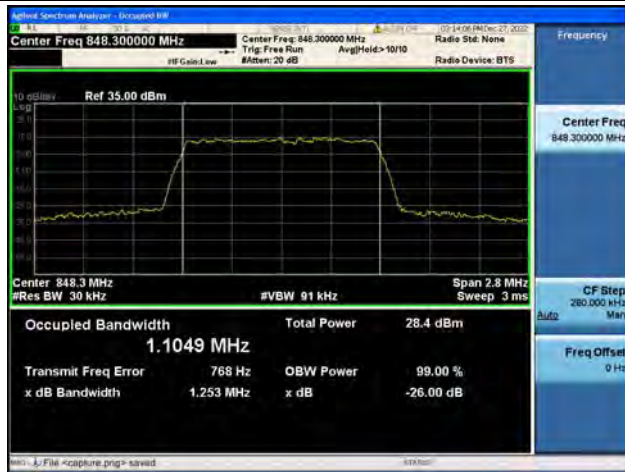
Band5 / 1.4MHz / 64QAM/ Mid CH



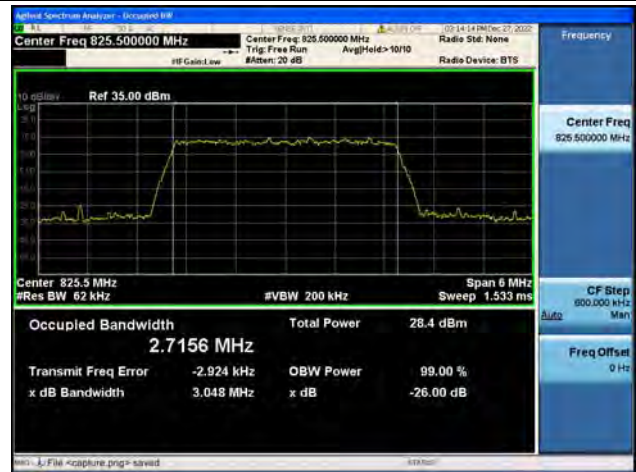
Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



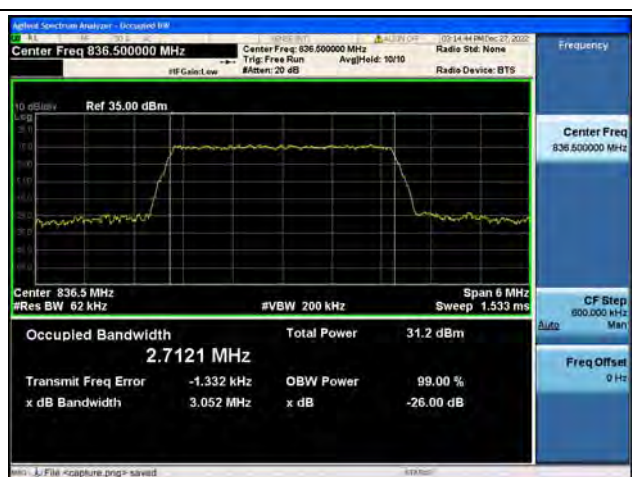
Band5 / 3MHz / 16QAM/ Low CH



Band5 / 3MHz / 64QAM/ Low CH



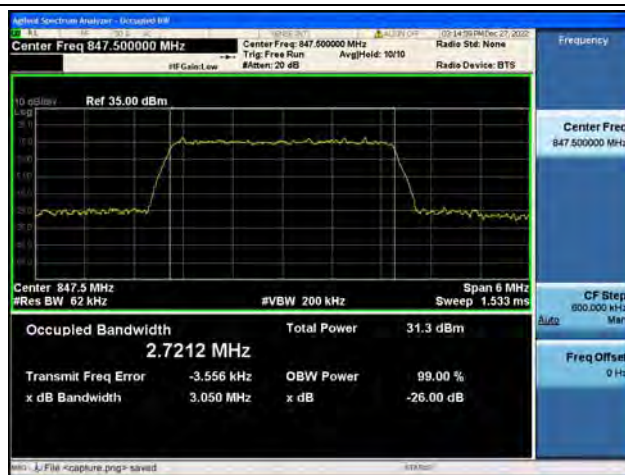
Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



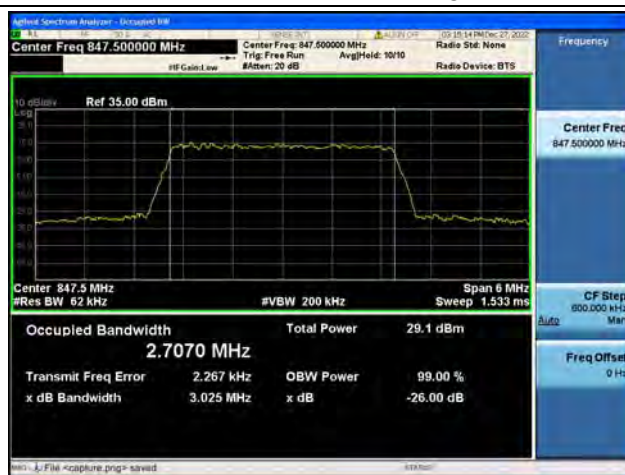
Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH



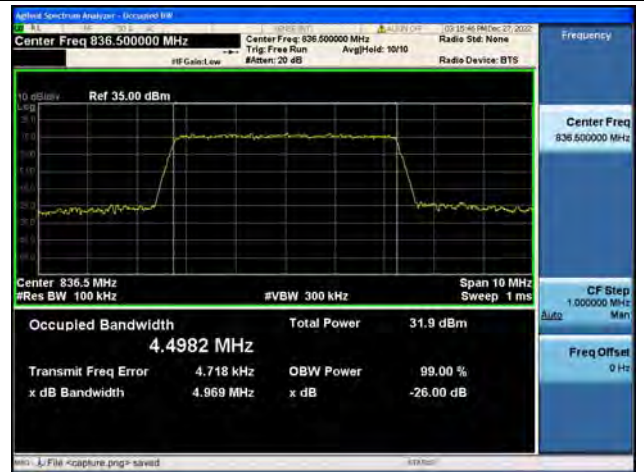
Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



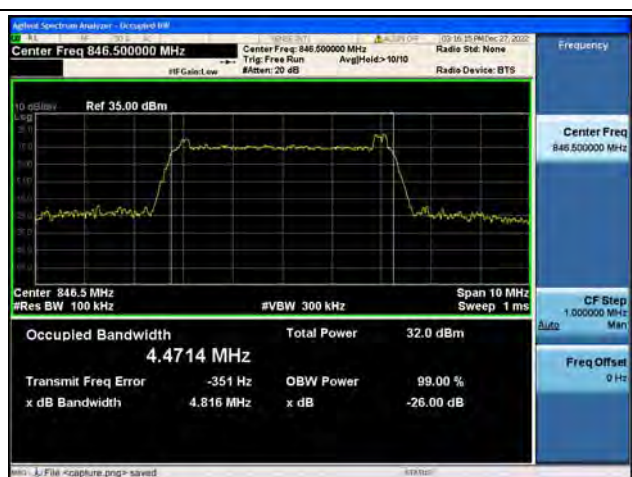
Band5 / 5MHz / 16QAM/ Mid CH



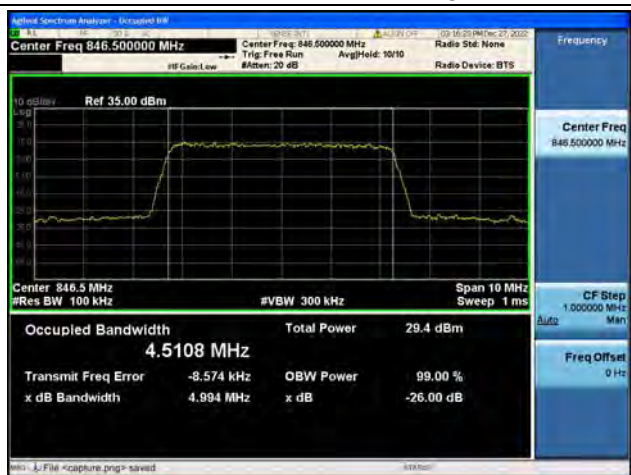
Band5 / 5MHz / 64QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



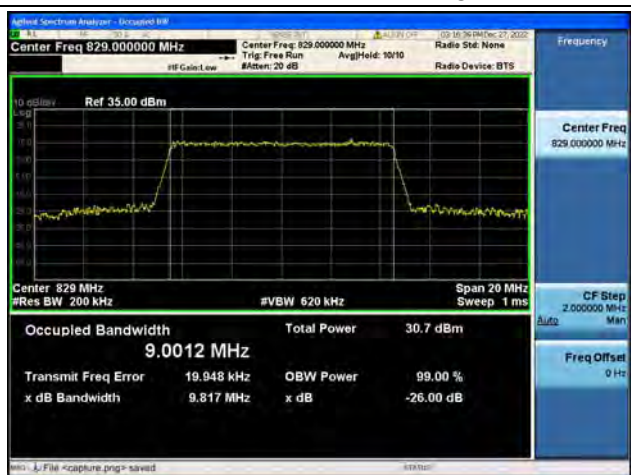
Band5 / 5MHz / 16QAM/ High CH



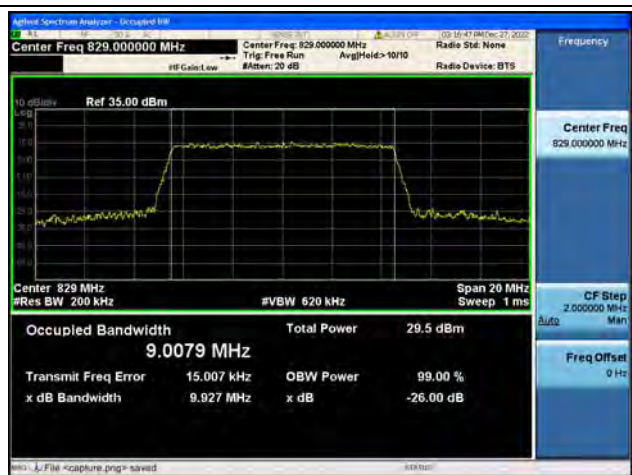
Band5 / 5MHz / 64QAM/ High CH



Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



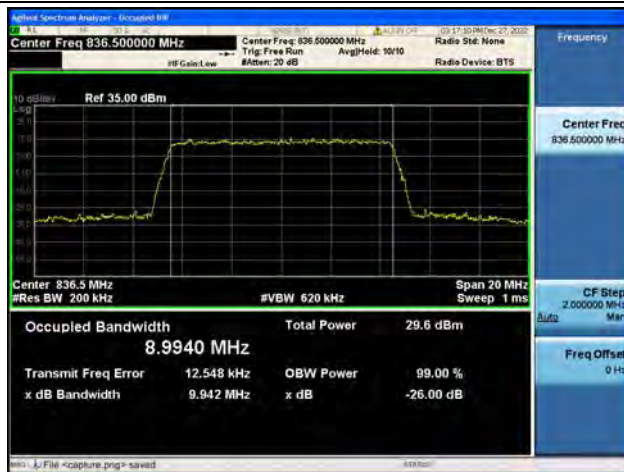
Band5 / 10MHz / 64QAM/ Low CH



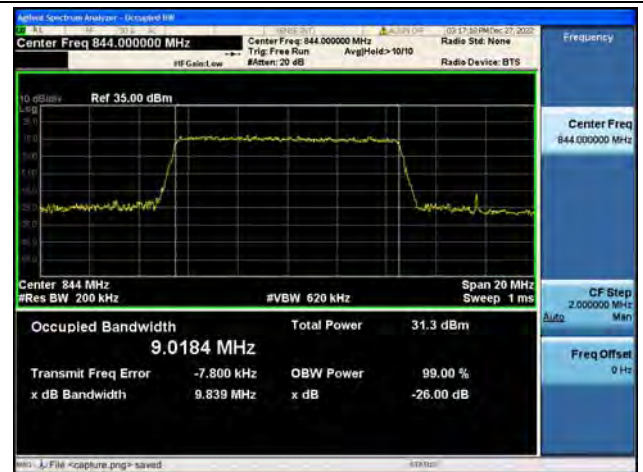
Band5 / 10MHz / QPSK/ Mid CH



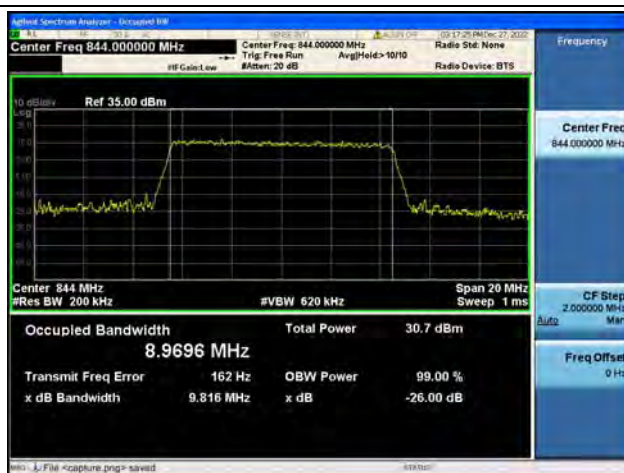
Band5 / 10MHz / 16QAM/ Mid CH



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



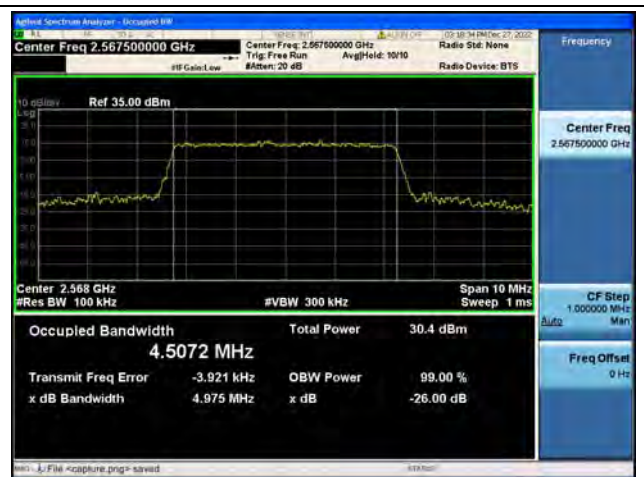
Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / 64QAM/ Mid CH



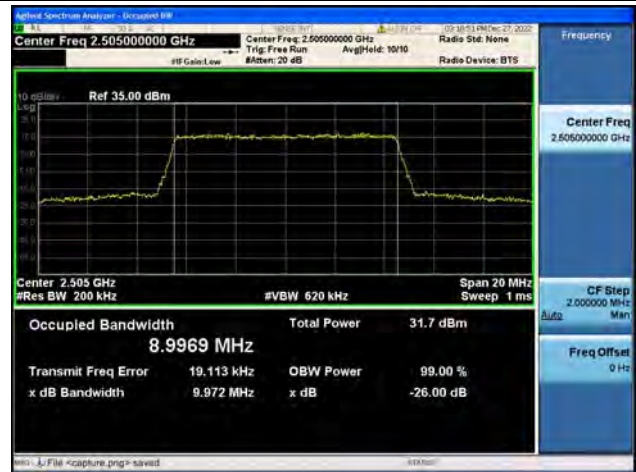
Band7 / 5MHz / QPSK/ High CH



Band7 / 5MHz / 16QAM/ High CH



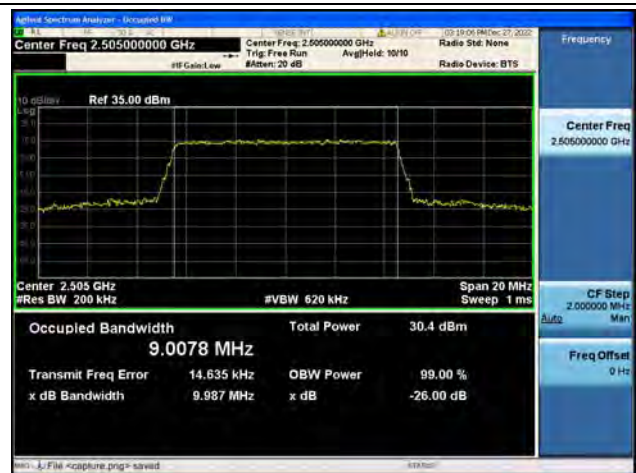
Band7 / 5MHz / 64QAM/ High CH



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



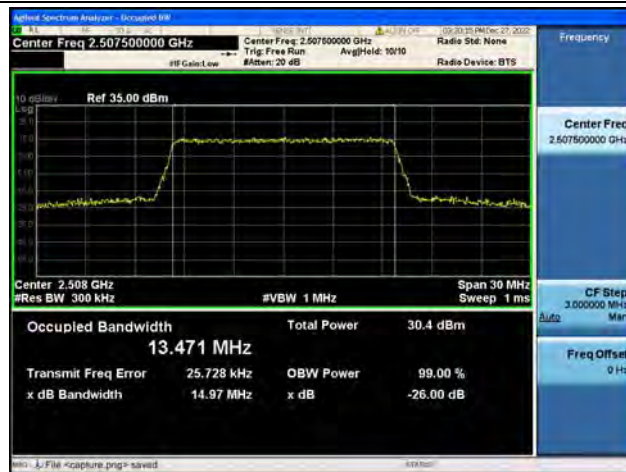
Band7 / 10MHz / 64QAM/ High CH



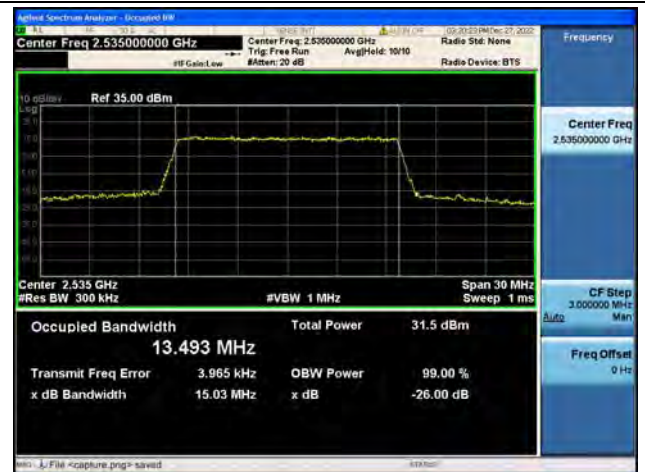
Band7 / 15MHz / QPSK/ Low CH



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



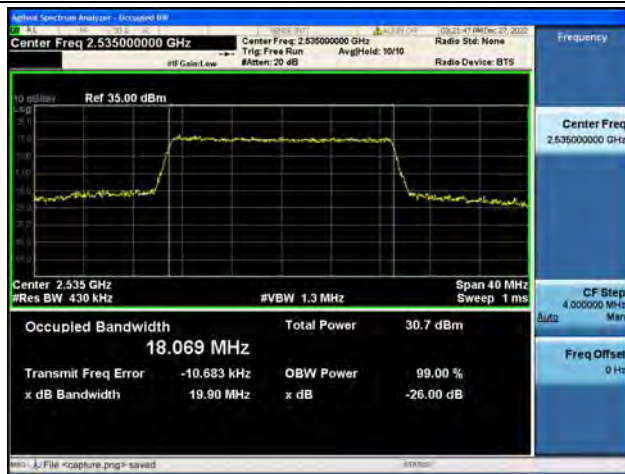
Band7 / 20MHz / 64QAM/ Low CH



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



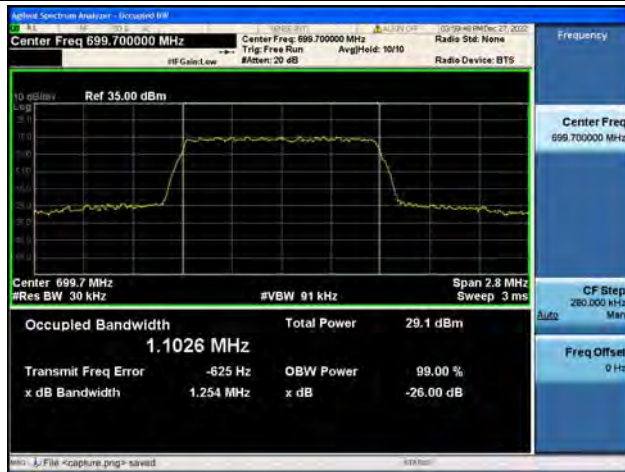
Band7 / 20MHz / 64QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



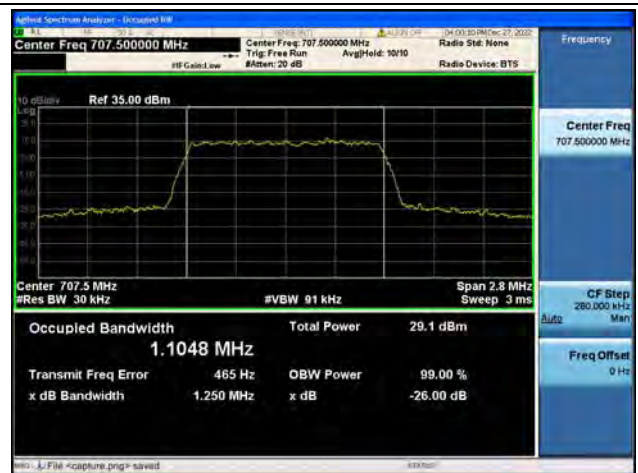
Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH



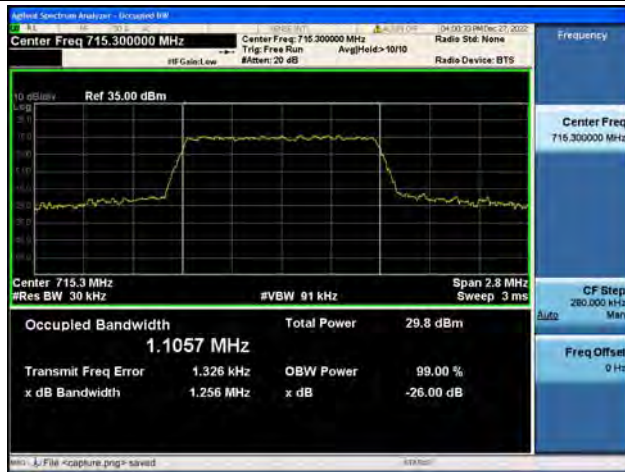
Band12 / 1.4MHz / 64QAM/ Mid CH



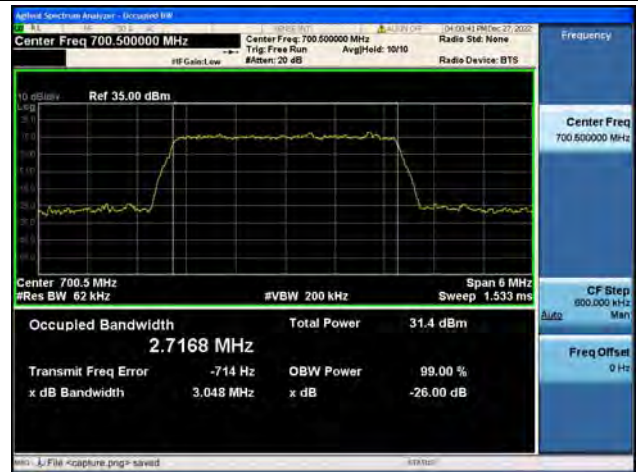
Band12 / 1.4MHz / QPSK/ High CH



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



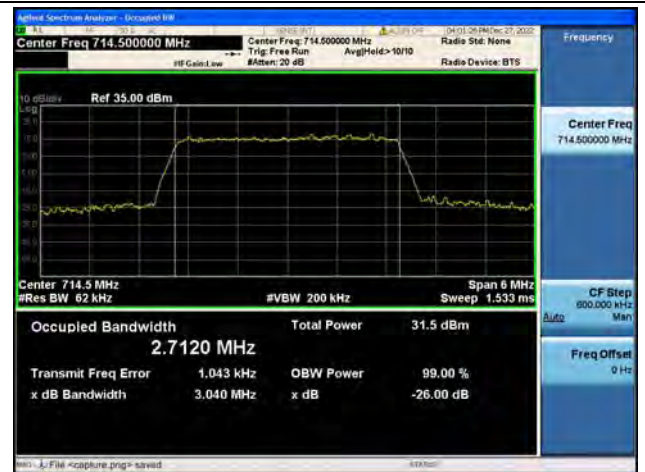
Band12 / 3MHz / QPSK/ Mid CH



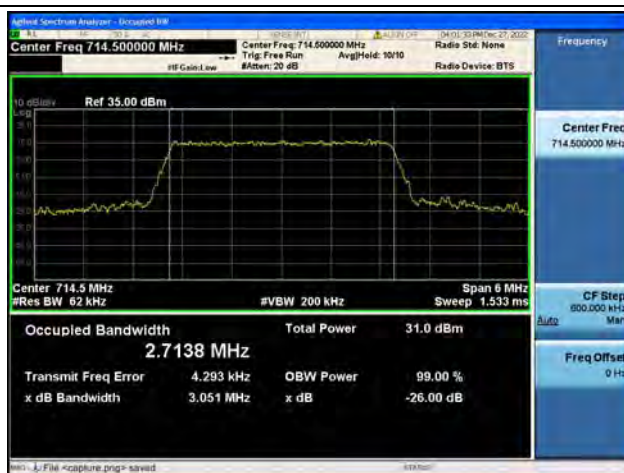
Band12 / 3MHz / 16QAM/ Mid CH



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



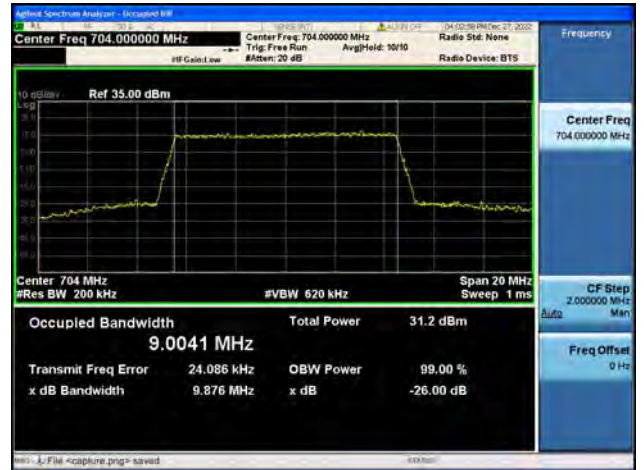
Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



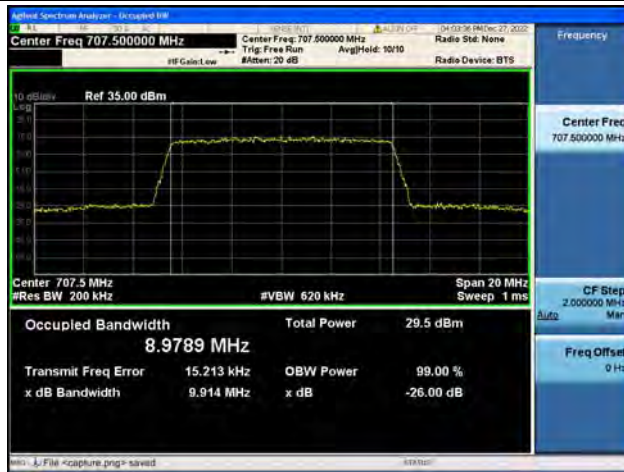
Band12 / 10MHz / 64QAM/ Low CH



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



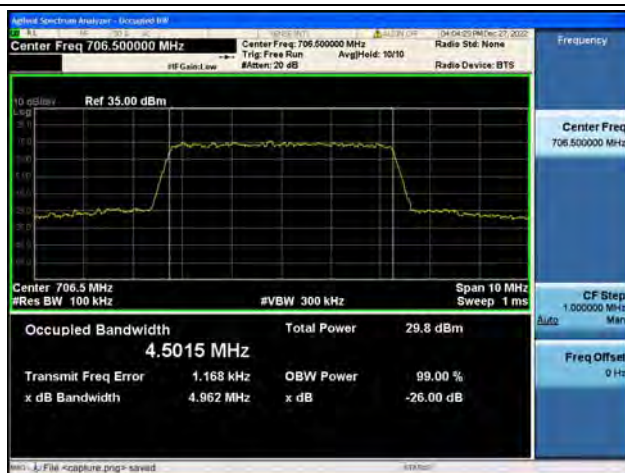
Band12 / 10MHz / 64QAM/ High CH



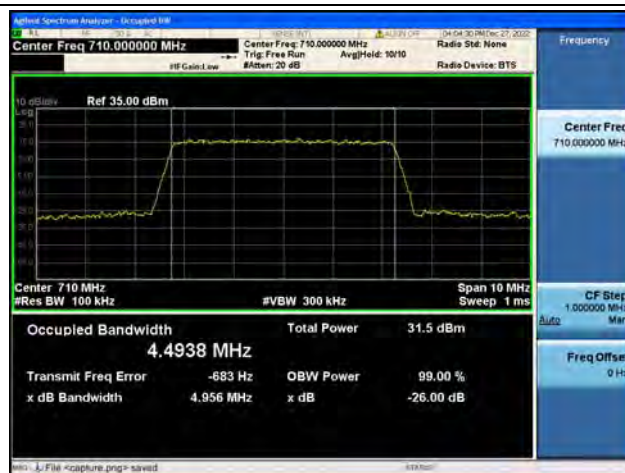
Band17 / 5MHz / QPSK/ Low CH



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



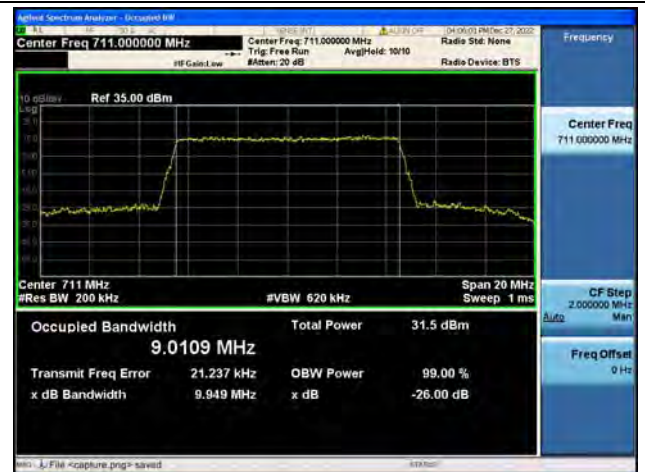
Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



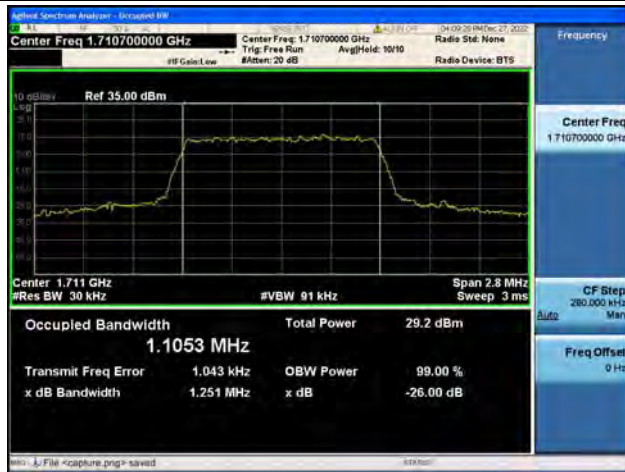
Band17 / 10MHz / 64QAM/ High CH



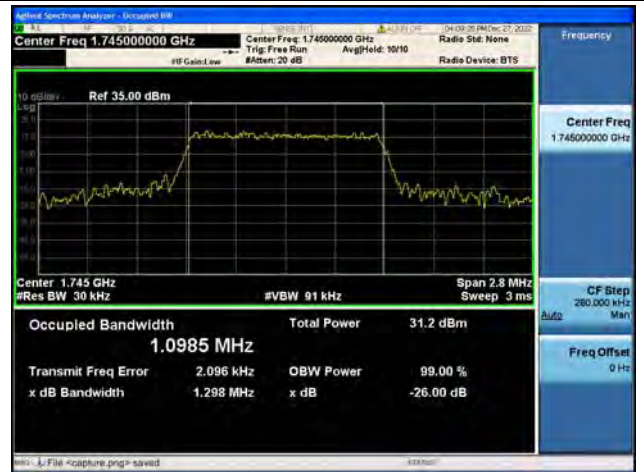
Band66 / 1.4MHz / QPSK/ Low CH



Band66 / 1.4MHz / 16QAM/ Low CH



Band66 / 1.4MHz / 64QAM/ Low CH



Band66 / 1.4MHz / QPSK/ Mid CH



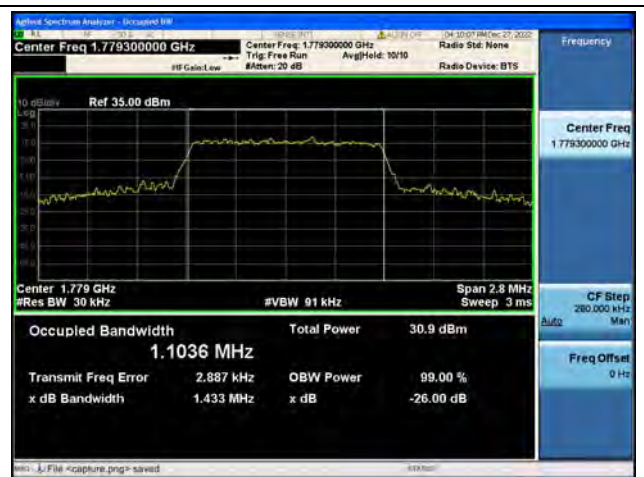
Band66 / 1.4MHz / 16QAM/ Mid CH



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



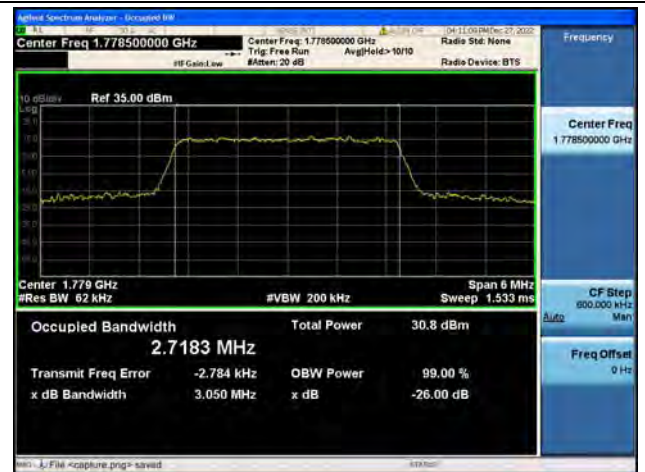
Band66 / 3MHz / QPSK/ Mid CH



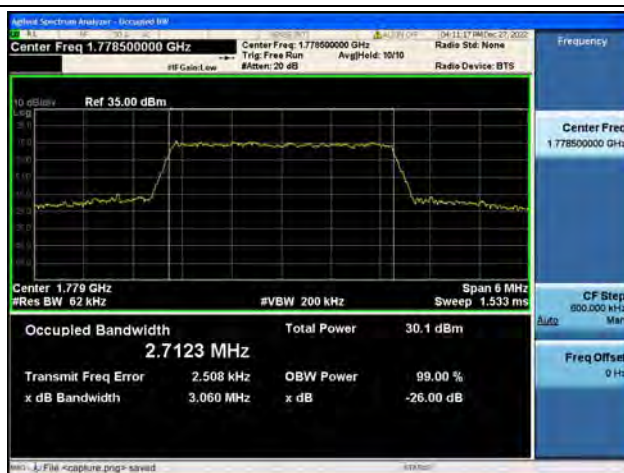
Band66 / 3MHz / 16QAM/ Mid CH



Band66 / 3MHz / 64QAM/ Mid CH



Band66 / 3MHz / QPSK/ High CH



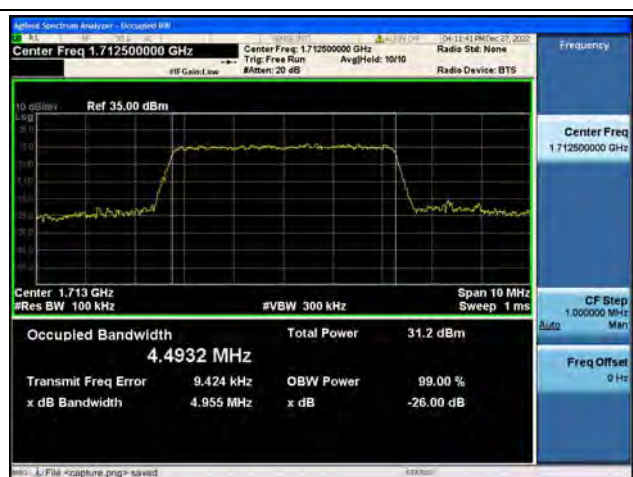
Band66 / 3MHz / 16QAM/ High CH



Band66 / 3MHz / 64QAM/ High CH



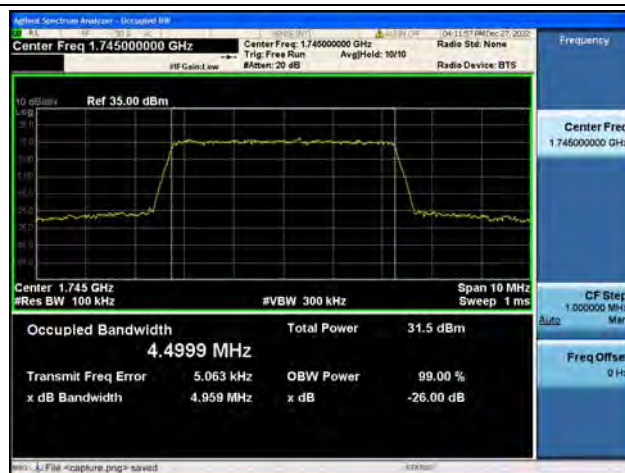
Band66 / 5MHz / QPSK/ Low CH



Band66 / 5MHz / 16QAM/ Low CH



Band66 / 5MHz / 64QAM/ Low CH



Band66 / 5MHz / QPSK/ Mid CH



Band66 / 5MHz / 16QAM/ Mid CH



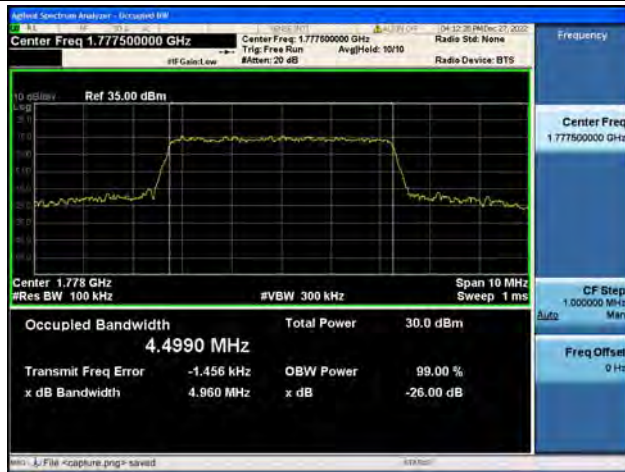
Band66 / 5MHz / 64QAM/ Mid CH



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



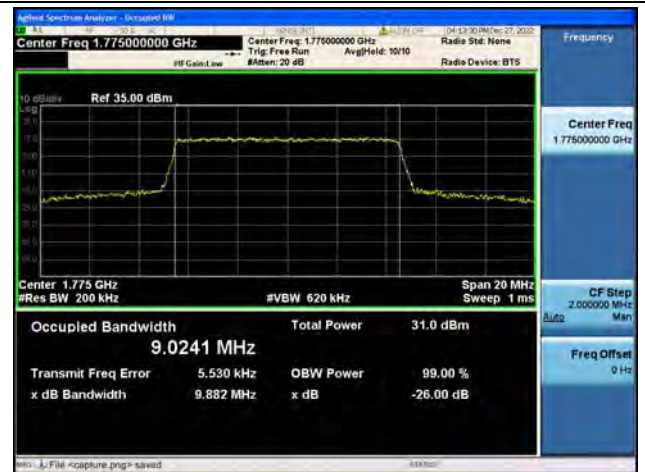
Band66 / 10MHz / QPSK/ Mid CH



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