TEST REPORT

APPLICANT	:	Sonim Technologies, Inc.
PRODUCT NAME	:	5G smartphone
MODEL NAME	:	P200
BRAND NAME	:	Sonim
FCC ID	:	WYPP200
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart D&H&L&M
RECEIPT DATE	:	2023-12-21
TEST DATE	:	2024-01-05 to 2024-03-27
ISSUE DATE	:	2024-05-27

Edited by: Peng Mi (Rapporteur)

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Change History		
Version	Date	Reason for change
1.0	2024-05-27	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Sonim Technologies, Inc.
Applicant Address:	4445 Eastgate Mall, Suite 200, San Diego, CA 92121, USA
Manufacturer:	Sonim Technologies, Inc.
Manufacturer Address:	4445 Eastgate Mall, Suite 200, San Diego, CA 92121, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	5G smartphone	
Sample No.:	21#	
Hardware Version:	V1.0	
Software Version:	P200.AT01.30D	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 26 / 38 / 40 / 41 / 66 Band 29 only support receiver	
Carrier Aggregation(UL):	CA_12A-66A, CA_14A-66A, CA_2A-12A, CA_2A-14A, CA_2A-5A, CA_5A-66A, CA_2A-66A	
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 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 29	Rx: 717MHz–728MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz

Frequency Range:	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
Channel Bandwidth:	LTE Band 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 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	ANT 1: 0.01dBi
	LTE Band 4	ANT 1: -0.80dBi
	LTE Band 5	ANT 2: -3.19dBi
	LTE Band 7	ANT 8: -2.39dBi
	LTE Band 12	ANT 2: -4.25dBi
	LTE Band 26	ANT 2: -3.19dBi
	LTE Band 38	ANT 8: -2.27dBi
	LTE Band 40	ANT 8: -6.00dBi
	LTE Band 41	ANT 8: -2.27dBi
	LTE Band 66	ANT 1: -0.80dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BAT-05000-11S
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Shenzhen Aerospace Electronic Co.,Ltd.

Accessory Information:	AC Adapter	
	Brand Name:	N/A
	Model No.:	1-CHUSQ302-097
	Serial No.:	N/A
	Rated Output:	5V⎓3A or 9V⎓2A or 12V⎓1.5A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	HUIZHOU PUAN ELEOTRONICS 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	0.196	0.163	0.127	18M1G7D	18M1W7D	18M1W7D
15	0.195	0.163	0.127	13M5G7D	13M5W7D	13M5W7D
10	0.195	0.160	0.128	9M03G7D	9M05W7D	9M01W7D
5	0.194	0.163	0.128	4M52G7D	4M52W7D	4M52W7D
3	0.194	0.166	0.128	2M71G7D	2M71W7D	2M72W7D
1.4	0.193	0.163	0.128	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	0.180	0.147	0.115	18M0G7D	18M0W7D	18M0W7D
15	0.179	0.146	0.117	13M5G7D	13M5W7D	13M5W7D
10	0.178	0.148	0.118	9M02G7D	9M01W7D	9M02W7D
5	0.178	0.147	0.115	4M52G7D	4M51W7D	4M52W7D
3	0.179	0.149	0.115	2M72G7D	2M71W7D	2M71W7D
1.4	0.177	0.146	0.116	1M10G7D	1M11W7D	1M10W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.060	0.049	0.039	9M01G7D	9M02W7D	9M00W7D
5	0.060	0.049	0.038	4M53G7D	4M52W7D	4M52W7D
3	0.060	0.049	0.038	2M71G7D	2M72W7D	2M72W7D
1.4	0.059	0.049	0.038	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	0.114	0.093	0.073	17M9G7D	18M0W7D	17M9W7D
15	0.113	0.094	0.073	13M5G7D	13M5W7D	13M5W7D
10	0.113	0.094	0.072	8M97G7D	8M98W7D	8M97W7D
5	0.112	0.092	0.072	4M49G7D	4M49W7D	4M49W7D
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	0.056	0.045	0.036	9M01G7D	9M01W7D	9M00W7D
5	0.056	0.046	0.036	4M52G7D	4M53W7D	4M53W7D
3	0.056	0.046	0.036	2M72G7D	2M71W7D	2M72W7D
1.4	0.056	0.047	0.036	1M10G7D	1M11W7D	1M11W7D

LTE Band 26	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.053	0.047	0.044	13M4G7D	13M4W7D	13M4W7D
10	0.056	0.049	0.049	8M98G7D	8M96W7D	8M98W7D
5	0.061	0.045	0.048	4M48G7D	4M49W7D	4M49W7D
3	0.061	0.050	0.043	2M72G7D	2M71W7D	2M71W7D
1.4	0.054	0.047	0.046	1M10G7D	1M11W7D	1M11W7D
LTE Band 38	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.120	0.097	0.076	18M0G7D	18M0W7D	18M0W7D
15	0.119	0.096	0.075	13M5G7D	13M5W7D	13M5W7D
10	0.119	0.096	0.076	9M03G7D	9M02W7D	9M02W7D
5	0.118	0.096	0.077	4M52G7D	4M52W7D	4M52W7D
LTE Band 40 Block A	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.052	0.042	0.033	9M03G7D	9M01W7D	9M03W7D
5	0.052	0.042	0.032	4M52G7D	4M51W7D	4M53W7D
LTE Band 40 Block B	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
10	0.055	0.044	0.035	8M99G7D	8M99W7D	9M00W7D
5	0.054	0.045	0.035	4M51G7D	4M52W7D	4M51W7D
LTE Band 41	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.126	0.103	0.082	17M9G7D	17M9W7D	17M9W7D
15	0.126	0.103	0.082	13M4G7D	13M5W7D	13M4W7D
10	0.125	0.103	0.082	8M95G7D	8M97W7D	8M96W7D
5	0.125	0.102	0.081	4M48G7D	4M49W7D	4M49W7D
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	0.185	0.153	0.121	18M0G7D	18M0W7D	18M0W7D
15	0.184	0.154	0.120	13M5G7D	13M5W7D	13M5W7D
10	0.182	0.151	0.120	9M01G7D	8M99W7D	9M02W7D
5	0.183	0.156	0.121	4M52G7D	4M52W7D	4M53W7D
3	0.182	0.152	0.118	2M71G7D	2M72W7D	2M72W7D
1.4	0.182	0.152	0.120	1M10G7D	1M10W7D	1M10W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a) 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jan. 05, 2024	Shen Biaohong Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Jan. 05, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Feb. 29, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan. 05, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jan. 05, 2024	Gan Jing	PASS	No deviation
2.1051	Band Edge	Jan. 05, 2024	Gan Jing	PASS	No

22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)					deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jan. 12, 2024 to Mar. 27, 2024	Gao Jianrou	PASS	No deviation

Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.
Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.
Note 3: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.
Note 4: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.5. Environmental Conditions

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

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

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

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

2.1.1. Requirement

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

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

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

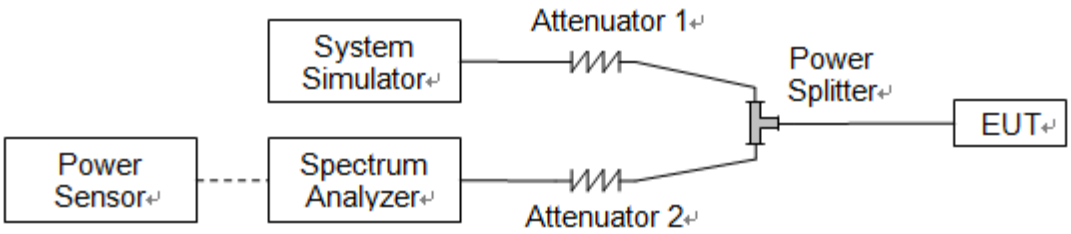
According to FCC section22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

According to FCC section 27.50 (a)(3) for LTE Band 40, For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.87	22.91	22.85
20	QPSK	1	49	22.77	22.85	22.79
20	QPSK	1	99	22.75	22.81	22.76
20	QPSK	50	0	21.86	21.90	21.83
20	QPSK	50	24	21.79	21.84	21.77
20	QPSK	50	50	21.75	21.79	21.74
20	QPSK	100	0	21.77	21.82	21.76
20	16QAM	1	0	22.03	22.10	22.05
20	16QAM	1	49	21.94	22.03	21.92
20	16QAM	1	99	21.98	21.99	21.96
20	16QAM	50	0	20.91	20.95	20.90
20	16QAM	50	24	20.86	20.91	20.79
20	16QAM	50	50	20.84	20.89	20.88
20	16QAM	100	0	20.87	20.92	20.89
20	64QAM	1	0	21.00	21.02	20.97
20	64QAM	1	49	20.92	20.96	20.93
20	64QAM	1	99	20.95	20.90	20.89
20	64QAM	50	0	19.91	19.97	19.92
20	64QAM	50	24	19.82	19.94	19.81
20	64QAM	50	50	19.85	19.86	19.80
20	64QAM	100	0	19.86	19.90	19.84

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.82	22.88	22.86
15	QPSK	1	37	22.65	22.85	22.77
15	QPSK	1	74	22.80	22.77	22.71
15	QPSK	36	0	21.93	21.98	21.79
15	QPSK	36	20	21.84	21.91	21.70
15	QPSK	36	39	21.82	21.75	21.84
15	QPSK	75	0	21.68	21.90	21.82
15	16QAM	1	0	22.00	22.00	22.01
15	16QAM	1	37	21.84	22.10	21.88
15	16QAM	1	74	21.94	21.85	22.00
15	16QAM	36	0	20.78	20.88	20.82
15	16QAM	36	20	20.92	20.90	20.78
15	16QAM	36	39	20.84	20.74	20.81
15	16QAM	75	0	20.91	20.79	20.90
15	64QAM	1	0	21.04	20.89	20.99
15	64QAM	1	37	20.88	20.82	20.82
15	64QAM	1	74	20.86	20.93	20.89
15	64QAM	36	0	19.80	20.01	19.99
15	64QAM	36	20	19.73	20.00	19.91
15	64QAM	36	39	19.71	19.75	19.67
15	64QAM	75	0	19.93	19.80	19.88

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	22.85	22.89	22.78
10	QPSK	1	25	22.74	22.79	22.71
10	QPSK	1	49	22.64	22.80	22.74
10	QPSK	25	0	21.80	21.83	21.72
10	QPSK	25	12	21.78	21.85	21.67
10	QPSK	25	25	21.65	21.78	21.62
10	QPSK	50	0	21.85	21.87	21.69
10	16QAM	1	0	21.90	22.02	21.96
10	16QAM	1	25	21.79	22.04	21.80
10	16QAM	1	49	21.97	22.03	21.85
10	16QAM	25	0	20.96	20.93	20.98
10	16QAM	25	12	20.90	20.77	20.71
10	16QAM	25	25	20.71	20.80	20.78
10	16QAM	50	0	20.72	20.92	20.83
10	64QAM	1	0	21.00	20.95	20.84
10	64QAM	1	25	20.98	21.05	21.03
10	64QAM	1	49	21.01	20.93	20.86
10	64QAM	25	0	19.91	19.82	19.96
10	64QAM	25	12	19.75	19.90	19.90
10	64QAM	25	25	19.79	19.84	19.86
10	64QAM	50	0	19.71	19.87	19.88

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	22.82	22.86	22.84
5	QPSK	1	12	22.80	22.76	22.77
5	QPSK	1	24	22.76	22.82	22.67
5	QPSK	12	0	21.81	21.86	21.68
5	QPSK	12	7	21.88	21.83	21.75
5	QPSK	12	13	21.62	21.80	21.82
5	QPSK	25	0	21.76	21.76	21.74
5	16QAM	1	0	22.05	22.09	22.12
5	16QAM	1	12	21.85	22.01	21.97
5	16QAM	1	24	21.90	21.97	21.98
5	16QAM	12	0	20.84	20.92	20.89
5	16QAM	12	7	20.72	20.91	20.81
5	16QAM	12	13	20.76	20.86	20.76
5	16QAM	25	0	20.77	20.96	20.78
5	64QAM	1	0	21.06	21.00	21.04
5	64QAM	1	12	20.95	20.82	20.98
5	64QAM	1	24	20.99	20.98	20.76
5	64QAM	12	0	19.88	19.95	19.95
5	64QAM	12	7	19.69	19.79	19.90
5	64QAM	12	13	19.82	19.88	19.65
5	64QAM	25	0	19.77	19.78	19.78

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	22.79	22.87	22.83
3	QPSK	1	8	22.72	22.86	22.82
3	QPSK	1	14	22.68	22.76	22.63
3	QPSK	8	0	21.91	21.92	21.92
3	QPSK	8	4	21.81	21.73	21.71
3	QPSK	8	7	21.78	21.68	21.76
3	QPSK	15	0	21.83	21.89	21.71
3	16QAM	1	0	22.10	22.20	22.00
3	16QAM	1	8	21.95	21.88	21.82
3	16QAM	1	14	21.92	21.87	21.94
3	16QAM	8	0	20.98	20.95	20.90
3	16QAM	8	4	20.85	20.92	20.81
3	16QAM	8	7	20.86	20.96	20.76
3	16QAM	15	0	20.76	20.86	20.83
3	64QAM	1	0	21.01	21.06	20.92
3	64QAM	1	8	21.02	20.87	20.93
3	64QAM	1	14	20.95	20.81	20.76
3	64QAM	8	0	19.83	19.90	19.78
3	64QAM	8	4	19.68	19.99	19.86
3	64QAM	8	7	19.89	19.78	19.70
3	64QAM	15	0	19.75	19.85	19.88

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	22.82	22.85	22.82
1.4	QPSK	1	3	22.67	22.80	22.80
1.4	QPSK	1	5	22.64	22.78	22.61
1.4	QPSK	3	0	21.92	21.93	21.74
1.4	QPSK	3	1	21.70	21.93	21.74
1.4	QPSK	3	3	21.68	21.70	21.84
1.4	QPSK	6	0	21.66	21.70	21.63
1.4	16QAM	1	0	22.11	22.12	22.07
1.4	16QAM	1	3	21.85	22.12	21.97
1.4	16QAM	1	5	21.93	21.95	21.92
1.4	16QAM	3	0	20.80	20.86	20.99
1.4	16QAM	3	1	20.88	20.76	20.87
1.4	16QAM	3	3	20.72	20.88	20.85
1.4	16QAM	6	0	20.97	20.84	20.74
1.4	64QAM	1	0	21.07	21.02	21.02
1.4	64QAM	1	3	20.81	21.03	20.80
1.4	64QAM	1	5	20.80	20.91	20.91
1.4	64QAM	3	0	19.83	19.89	19.82
1.4	64QAM	3	1	19.67	19.95	19.68
1.4	64QAM	3	3	19.84	19.75	19.67
1.4	64QAM	6	0	19.72	19.76	19.88

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.28	23.36	23.33
20	QPSK	1	49	23.04	23.35	23.22
20	QPSK	1	99	23.13	23.19	23.19
20	QPSK	50	0	22.26	22.33	22.32
20	QPSK	50	24	22.06	22.17	22.26
20	QPSK	50	50	22.24	22.09	22.07
20	QPSK	100	0	22.17	22.31	22.09
20	16QAM	1	0	22.38	22.42	22.48
20	16QAM	1	49	22.32	22.30	22.25
20	16QAM	1	99	22.28	22.31	22.43
20	16QAM	50	0	21.25	21.27	21.19
20	16QAM	50	24	21.14	21.30	21.05
20	16QAM	50	50	21.10	21.32	21.35
20	16QAM	100	0	21.33	21.23	21.29
20	64QAM	1	0	21.42	21.36	21.38
20	64QAM	1	49	21.36	21.34	21.22
20	64QAM	1	99	21.33	21.26	21.27
20	64QAM	50	0	20.18	20.25	20.18
20	64QAM	50	24	20.18	20.32	20.06
20	64QAM	50	50	20.33	20.27	20.20
20	64QAM	100	0	20.15	20.19	20.10

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.23	23.33	23.30
15	QPSK	1	37	23.22	23.19	23.27
15	QPSK	1	74	23.13	23.26	23.21
15	QPSK	36	0	22.26	22.31	22.31
15	QPSK	36	20	22.15	22.16	22.04
15	QPSK	36	39	22.21	22.27	22.02
15	QPSK	75	0	22.10	22.14	22.21
15	16QAM	1	0	22.30	22.42	22.42
15	16QAM	1	37	22.38	22.37	22.42
15	16QAM	1	74	22.26	22.45	22.40
15	16QAM	36	0	21.35	21.34	21.22
15	16QAM	36	20	21.18	21.23	21.07
15	16QAM	36	39	21.34	21.34	21.21
15	16QAM	75	0	21.33	21.17	21.32
15	64QAM	1	0	21.49	21.44	21.35
15	64QAM	1	37	21.24	21.30	21.43
15	64QAM	1	74	21.21	21.16	21.20
15	64QAM	36	0	20.38	20.46	20.31
15	64QAM	36	20	20.27	20.30	20.25
15	64QAM	36	39	20.23	20.15	20.17
15	64QAM	75	0	20.13	20.31	20.22

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.27	23.31	23.29
10	QPSK	1	25	23.24	23.25	23.26
10	QPSK	1	49	23.17	23.21	23.14
10	QPSK	25	0	22.15	22.40	22.10
10	QPSK	25	12	22.19	22.16	22.22
10	QPSK	25	25	22.07	22.13	22.19
10	QPSK	50	0	22.19	22.32	22.20
10	16QAM	1	0	22.38	22.51	22.48
10	16QAM	1	25	22.23	22.31	22.29
10	16QAM	1	49	22.29	22.44	22.31
10	16QAM	25	0	21.26	21.20	21.17
10	16QAM	25	12	21.28	21.27	21.21
10	16QAM	25	25	21.30	21.23	21.25
10	16QAM	50	0	21.36	21.37	21.33
10	64QAM	1	0	21.47	21.51	21.26
10	64QAM	1	25	21.24	21.22	21.33
10	64QAM	1	49	21.21	21.20	21.17
10	64QAM	25	0	20.39	20.31	20.24
10	64QAM	25	12	20.28	20.32	20.17
10	64QAM	25	25	20.31	20.36	20.10
10	64QAM	50	0	20.36	20.16	20.32

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.24	23.30	23.29
5	QPSK	1	12	23.18	23.11	23.20
5	QPSK	1	24	23.18	23.26	23.12
5	QPSK	12	0	22.27	22.39	22.15
5	QPSK	12	7	22.22	22.19	22.05
5	QPSK	12	13	22.01	22.17	22.04
5	QPSK	25	0	22.13	22.16	22.08
5	16QAM	1	0	22.34	22.40	22.48
5	16QAM	1	12	22.32	22.31	22.32
5	16QAM	1	24	22.40	22.43	22.34
5	16QAM	12	0	21.21	21.33	21.39
5	16QAM	12	7	21.20	21.20	21.07
5	16QAM	12	13	21.24	21.20	21.19
5	16QAM	25	0	21.14	21.34	21.37
5	64QAM	1	0	21.30	21.39	21.39
5	64QAM	1	12	21.22	21.23	21.37
5	64QAM	1	24	21.40	21.21	21.35
5	64QAM	12	0	20.29	20.30	20.27
5	64QAM	12	7	20.16	20.43	20.28
5	64QAM	12	13	20.22	20.28	20.15
5	64QAM	25	0	20.32	20.39	20.13

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.17	23.32	23.31
3	QPSK	1	8	23.18	23.12	23.26
3	QPSK	1	14	23.19	23.30	23.11
3	QPSK	8	0	22.12	22.25	22.29
3	QPSK	8	4	22.10	22.16	22.26
3	QPSK	8	7	22.04	22.27	22.06
3	QPSK	15	0	22.20	22.13	22.09
3	16QAM	1	0	22.39	22.48	22.50
3	16QAM	1	8	22.24	22.52	22.21
3	16QAM	1	14	22.27	22.42	22.30
3	16QAM	8	0	21.34	21.29	21.33
3	16QAM	8	4	21.28	21.29	21.04
3	16QAM	8	7	21.16	21.30	21.28
3	16QAM	15	0	21.30	21.28	21.37
3	64QAM	1	0	21.30	21.28	21.28
3	64QAM	1	8	21.42	21.32	21.39
3	64QAM	1	14	21.38	21.30	21.23
3	64QAM	8	0	20.34	20.42	20.33
3	64QAM	8	4	20.16	20.29	20.16
3	64QAM	8	7	20.24	20.11	20.25
3	64QAM	15	0	20.32	20.36	20.15

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.20	23.29	23.23
1.4	QPSK	1	3	23.21	23.15	23.22
1.4	QPSK	1	5	23.21	23.16	23.16
1.4	QPSK	3	0	22.21	22.28	22.15
1.4	QPSK	3	1	22.22	22.26	22.04
1.4	QPSK	3	3	22.13	22.06	22.11
1.4	QPSK	6	0	22.15	22.26	22.19
1.4	16QAM	1	0	22.33	22.39	22.31
1.4	16QAM	1	3	22.30	22.45	22.36
1.4	16QAM	1	5	22.30	22.27	22.34
1.4	16QAM	3	0	21.38	21.33	21.40
1.4	16QAM	3	1	21.11	21.26	21.21
1.4	16QAM	3	3	21.33	21.36	21.20
1.4	16QAM	6	0	21.35	21.27	21.34
1.4	64QAM	1	0	21.29	21.37	21.25
1.4	64QAM	1	3	21.24	21.44	21.18
1.4	64QAM	1	5	21.29	21.29	21.31
1.4	64QAM	3	0	20.31	20.44	20.38
1.4	64QAM	3	1	20.31	20.22	20.19
1.4	64QAM	3	3	20.22	20.33	20.12
1.4	64QAM	6	0	20.20	20.38	20.27

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.04	23.15	23.11
10	QPSK	1	25	22.89	22.94	23.09
10	QPSK	1	49	22.94	23.04	22.86
10	QPSK	25	0	21.91	22.04	22.01
10	QPSK	25	12	21.97	21.79	21.76
10	QPSK	25	25	21.77	21.80	21.82
10	QPSK	50	0	21.72	21.99	21.83
10	16QAM	1	0	22.13	22.22	22.18
10	16QAM	1	25	21.92	22.03	22.12
10	16QAM	1	49	21.97	21.95	21.95
10	16QAM	25	0	21.03	21.07	20.98
10	16QAM	25	12	20.93	20.89	20.80
10	16QAM	25	25	21.04	20.96	21.01
10	16QAM	50	0	20.90	21.01	20.98
10	64QAM	1	0	21.10	21.22	21.08
10	64QAM	1	25	21.10	21.11	20.95
10	64QAM	1	49	21.06	20.89	20.96
10	64QAM	25	0	19.87	19.92	19.91
10	64QAM	25	12	19.95	20.08	19.96
10	64QAM	25	25	19.97	19.93	19.89
10	64QAM	50	0	19.94	19.92	20.01

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.06	23.11	23.09
5	QPSK	1	12	22.83	22.92	22.98
5	QPSK	1	24	22.90	23.04	22.97
5	QPSK	12	0	21.92	21.99	21.86
5	QPSK	12	7	21.80	21.94	21.86
5	QPSK	12	13	21.80	21.97	21.69
5	QPSK	25	0	21.96	21.92	21.73
5	16QAM	1	0	22.22	22.28	22.13
5	16QAM	1	12	22.14	22.08	22.06
5	16QAM	1	24	22.04	21.98	22.10
5	16QAM	12	0	21.05	21.07	20.91
5	16QAM	12	7	20.90	21.08	20.79
5	16QAM	12	13	20.89	21.07	21.06
5	16QAM	25	0	21.05	21.03	20.94
5	64QAM	1	0	21.03	21.19	20.92
5	64QAM	1	12	20.94	21.14	20.91
5	64QAM	1	24	20.90	21.09	20.98
5	64QAM	12	0	19.94	20.03	19.90
5	64QAM	12	7	19.98	20.10	19.87
5	64QAM	12	13	19.82	20.03	19.79
5	64QAM	25	0	19.84	19.95	19.82

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.06	23.10	23.07
3	QPSK	1	8	22.94	22.90	23.02
3	QPSK	1	14	22.84	23.04	22.85
3	QPSK	8	0	21.92	21.98	21.90
3	QPSK	8	4	21.97	21.91	21.85
3	QPSK	8	7	21.93	21.89	21.94
3	QPSK	15	0	21.86	21.84	21.92
3	16QAM	1	0	22.03	22.22	22.20
3	16QAM	1	8	22.03	22.02	22.05
3	16QAM	1	14	22.13	22.06	22.08
3	16QAM	8	0	21.07	21.08	21.05
3	16QAM	8	4	20.81	21.06	20.80
3	16QAM	8	7	20.82	20.91	21.03
3	16QAM	15	0	21.04	20.96	20.98
3	64QAM	1	0	20.99	21.16	21.06
3	64QAM	1	8	21.09	21.15	20.99
3	64QAM	1	14	21.07	20.95	21.06
3	64QAM	8	0	19.95	19.94	19.99
3	64QAM	8	4	19.89	19.98	20.01
3	64QAM	8	7	20.05	19.97	19.75
3	64QAM	15	0	19.87	20.03	19.95

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.98	23.08	23.00
1.4	QPSK	1	3	22.84	22.88	22.93
1.4	QPSK	1	5	22.74	22.86	22.88
1.4	QPSK	3	0	21.82	21.98	21.78
1.4	QPSK	3	1	21.99	21.79	21.84
1.4	QPSK	3	3	21.72	21.80	21.70
1.4	QPSK	6	0	21.95	21.91	21.78
1.4	16QAM	1	0	22.11	22.27	22.20
1.4	16QAM	1	3	22.11	22.23	21.97
1.4	16QAM	1	5	22.14	22.03	22.04
1.4	16QAM	3	0	20.92	21.10	21.02
1.4	16QAM	3	1	20.90	21.09	20.79
1.4	16QAM	3	3	21.02	20.97	21.00
1.4	16QAM	6	0	20.90	20.88	20.86
1.4	64QAM	1	0	20.95	21.14	21.02
1.4	64QAM	1	3	20.93	21.13	21.10
1.4	64QAM	1	5	20.98	21.10	21.06
1.4	64QAM	3	0	19.87	20.08	20.00
1.4	64QAM	3	1	19.98	19.92	19.81
1.4	64QAM	3	3	20.00	20.04	19.80
1.4	64QAM	6	0	19.94	19.86	19.90

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	22.69	22.77	22.94
20	QPSK	1	49	22.61	22.62	22.92
20	QPSK	1	99	22.59	22.70	22.84
20	QPSK	50	0	21.67	21.74	21.89
20	QPSK	50	24	21.64	21.61	21.75
20	QPSK	50	50	21.51	21.54	21.75
20	QPSK	100	0	21.52	21.60	21.78
20	16QAM	1	0	21.79	21.88	22.07
20	16QAM	1	49	21.66	21.74	21.94
20	16QAM	1	99	21.69	21.66	21.96
20	16QAM	50	0	20.70	20.76	20.84
20	16QAM	50	24	20.74	20.65	20.85
20	16QAM	50	50	20.69	20.69	20.80
20	16QAM	100	0	20.56	20.68	20.77
20	64QAM	1	0	20.83	20.92	21.04
20	64QAM	1	49	20.75	20.63	20.99
20	64QAM	1	99	20.78	20.70	20.92
20	64QAM	50	0	19.66	19.78	19.93
20	64QAM	50	24	19.58	19.61	19.89
20	64QAM	50	50	19.58	19.64	19.72
20	64QAM	100	0	19.68	19.76	19.85

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	22.71	22.83	22.91
15	QPSK	1	37	22.65	22.75	22.90
15	QPSK	1	74	22.64	22.67	22.86
15	QPSK	36	0	21.60	21.63	21.77
15	QPSK	36	20	21.52	21.50	21.64
15	QPSK	36	39	21.52	21.59	21.63
15	QPSK	75	0	21.55	21.69	21.73
15	16QAM	1	0	21.88	21.78	22.12
15	16QAM	1	37	21.80	21.75	21.80
15	16QAM	1	74	21.77	21.77	21.85
15	16QAM	36	0	20.75	20.78	20.93
15	16QAM	36	20	20.76	20.81	20.87
15	16QAM	36	39	20.61	20.61	20.84
15	16QAM	75	0	20.73	20.73	20.94
15	64QAM	1	0	20.76	20.73	21.01
15	64QAM	1	37	20.67	20.75	20.91
15	64QAM	1	74	20.77	20.74	20.75
15	64QAM	36	0	19.63	19.77	19.98
15	64QAM	36	20	19.69	19.62	19.81
15	64QAM	36	39	19.67	19.65	19.77
15	64QAM	75	0	19.61	19.69	19.80

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	22.76	22.66	22.92
10	QPSK	1	25	22.62	22.74	22.91
10	QPSK	1	49	22.56	22.61	22.74
10	QPSK	25	0	21.75	21.69	21.78
10	QPSK	25	12	21.56	21.50	21.81
10	QPSK	25	25	21.61	21.58	21.77
10	QPSK	50	0	21.61	21.52	21.70
10	16QAM	1	0	21.75	21.78	22.13
10	16QAM	1	25	21.75	21.83	21.87
10	16QAM	1	49	21.77	21.83	21.93
10	16QAM	25	0	20.56	20.61	20.76
10	16QAM	25	12	20.55	20.70	20.72
10	16QAM	25	25	20.58	20.60	20.69
10	16QAM	50	0	20.56	20.57	20.76
10	64QAM	1	0	20.80	20.85	20.98
10	64QAM	1	25	20.62	20.64	20.89
10	64QAM	1	49	20.64	20.64	20.88
10	64QAM	25	0	19.80	19.66	19.77
10	64QAM	25	12	19.59	19.82	19.69
10	64QAM	25	25	19.61	19.56	19.90
10	64QAM	50	0	19.71	19.56	19.94

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	22.65	22.71	22.90
5	QPSK	1	12	22.67	22.65	22.83
5	QPSK	1	24	22.56	22.81	22.75
5	QPSK	12	0	21.73	21.55	21.88
5	QPSK	12	7	21.54	21.52	21.63
5	QPSK	12	13	21.58	21.62	21.66
5	QPSK	25	0	21.51	21.58	21.61
5	16QAM	1	0	21.88	21.75	21.90
5	16QAM	1	12	21.82	21.92	21.81
5	16QAM	1	24	21.77	21.83	22.05
5	16QAM	12	0	20.75	20.85	20.88
5	16QAM	12	7	20.76	20.64	20.81
5	16QAM	12	13	20.70	20.69	20.75
5	16QAM	25	0	20.76	20.71	20.75
5	64QAM	1	0	20.77	20.85	20.83
5	64QAM	1	12	20.81	20.67	20.95
5	64QAM	1	24	20.70	20.73	20.86
5	64QAM	12	0	19.66	19.82	19.83
5	64QAM	12	7	19.60	19.69	19.84
5	64QAM	12	13	19.54	19.71	19.90
5	64QAM	25	0	19.67	19.72	19.73

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.88	23.91	23.82
10	QPSK	1	25	23.66	23.80	23.73
10	QPSK	1	49	23.64	23.76	23.76
10	QPSK	25	0	22.82	22.88	22.66
10	QPSK	25	12	22.70	22.67	22.60
10	QPSK	25	25	22.71	22.73	22.70
10	QPSK	50	0	22.77	22.61	22.61
10	16QAM	1	0	22.88	22.92	22.98
10	16QAM	1	25	22.80	22.92	22.85
10	16QAM	1	49	22.94	22.96	22.81
10	16QAM	25	0	21.85	21.76	21.80
10	16QAM	25	12	21.79	21.85	21.74
10	16QAM	25	25	21.84	21.70	21.73
10	16QAM	50	0	21.86	21.92	21.83
10	64QAM	1	0	21.94	21.84	21.97
10	64QAM	1	25	21.85	21.90	21.84
10	64QAM	1	49	21.96	21.77	21.74
10	64QAM	25	0	20.88	20.96	20.84
10	64QAM	25	12	20.78	20.84	20.69
10	64QAM	25	25	20.72	20.87	20.73
10	64QAM	50	0	20.79	20.73	20.68

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.86	23.88	23.85
5	QPSK	1	12	23.64	23.79	23.70
5	QPSK	1	24	23.65	23.84	23.84
5	QPSK	12	0	22.75	22.84	22.73
5	QPSK	12	7	22.81	22.70	22.80
5	QPSK	12	13	22.68	22.63	22.77
5	QPSK	25	0	22.80	22.62	22.69
5	16QAM	1	0	22.92	22.94	22.89
5	16QAM	1	12	22.95	22.99	22.88
5	16QAM	1	24	22.90	22.86	22.89
5	16QAM	12	0	21.84	21.76	21.78
5	16QAM	12	7	21.71	21.81	21.65
5	16QAM	12	13	21.67	21.86	21.85
5	16QAM	25	0	21.76	21.93	21.71
5	64QAM	1	0	21.84	21.88	21.79
5	64QAM	1	12	21.87	21.99	21.84
5	64QAM	1	24	21.90	21.73	21.80
5	64QAM	12	0	20.91	20.92	20.89
5	64QAM	12	7	20.67	20.90	20.81
5	64QAM	12	13	20.74	20.69	20.70
5	64QAM	25	0	20.86	20.84	20.74

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.69	23.87	23.82
3	QPSK	1	8	23.79	23.86	23.71
3	QPSK	1	14	23.69	23.82	23.78
3	QPSK	8	0	22.77	22.80	22.64
3	QPSK	8	4	22.79	22.76	22.62
3	QPSK	8	7	22.60	22.74	22.57
3	QPSK	15	0	22.73	22.86	22.68
3	16QAM	1	0	22.89	22.92	22.92
3	16QAM	1	8	22.84	23.01	22.90
3	16QAM	1	14	22.98	22.92	22.89
3	16QAM	8	0	21.76	21.90	21.82
3	16QAM	8	4	21.79	21.91	21.77
3	16QAM	8	7	21.88	21.90	21.80
3	16QAM	15	0	21.66	21.89	21.85
3	64QAM	1	0	21.97	21.89	21.82
3	64QAM	1	8	21.74	21.79	21.79
3	64QAM	1	14	21.77	21.69	21.78
3	64QAM	8	0	20.83	20.89	20.84
3	64QAM	8	4	20.83	20.94	20.71
3	64QAM	8	7	20.72	20.66	20.72
3	64QAM	15	0	20.76	20.88	20.74

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.83	23.88	23.85
1.4	QPSK	1	3	23.67	23.71	23.79
1.4	QPSK	1	5	23.60	23.79	23.77
1.4	QPSK	3	0	22.84	22.86	22.81
1.4	QPSK	3	1	22.75	22.74	22.64
1.4	QPSK	3	3	22.61	22.82	22.69
1.4	QPSK	6	0	22.64	22.68	22.66
1.4	16QAM	1	0	23.05	22.94	23.09
1.4	16QAM	1	3	22.80	22.93	22.94
1.4	16QAM	1	5	22.87	22.92	22.98
1.4	16QAM	3	0	21.70	21.96	21.74
1.4	16QAM	3	1	21.84	21.75	21.73
1.4	16QAM	3	3	21.75	21.85	21.80
1.4	16QAM	6	0	21.73	21.71	21.83
1.4	64QAM	1	0	21.93	21.99	22.00
1.4	64QAM	1	3	21.91	21.91	21.81
1.4	64QAM	1	5	21.75	21.70	21.80
1.4	64QAM	3	0	20.91	20.91	20.79
1.4	64QAM	3	1	20.86	20.80	20.60
1.4	64QAM	3	3	20.77	20.74	20.71
1.4	64QAM	6	0	20.71	20.74	20.79

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	21.93	22.19	22.08
15	QPSK	1	37	22.11	22.33	22.59
15	QPSK	1	74	22.21	22.47	22.38
15	QPSK	36	0	21.11	21.06	21.29
15	QPSK	36	20	21.24	21.38	21.51
15	QPSK	36	39	21.43	21.49	21.54
15	QPSK	75	0	21.27	21.18	21.56
15	16QAM	1	0	21.32	21.65	21.73
15	16QAM	1	37	21.23	21.53	21.73
15	16QAM	1	74	21.79	22.04	21.86
15	16QAM	36	0	20.16	20.28	20.36
15	16QAM	36	20	20.26	20.38	20.62
15	16QAM	36	39	20.36	20.50	20.66
15	16QAM	75	0	20.67	20.31	20.46
15	64QAM	1	0	21.16	21.65	21.79
15	64QAM	1	37	21.54	21.67	21.36
15	64QAM	1	74	21.50	21.74	21.62
15	64QAM	36	0	20.14	20.66	20.37
15	64QAM	36	20	20.48	20.43	20.63
15	64QAM	36	39	20.37	20.30	20.80
15	64QAM	75	0	20.20	20.44	20.44

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.60	22.45	22.71
10	QPSK	1	25	22.29	22.70	22.79
10	QPSK	1	49	22.31	22.60	22.65
10	QPSK	25	0	21.31	21.35	21.73
10	QPSK	25	12	21.59	21.63	21.63
10	QPSK	25	25	21.58	21.48	21.79
10	QPSK	50	0	21.38	21.54	21.73
10	16QAM	1	0	21.91	22.08	22.24
10	16QAM	1	25	21.43	21.58	22.03
10	16QAM	1	49	21.76	21.56	22.00
10	16QAM	25	0	20.13	20.40	20.92
10	16QAM	25	12	20.55	20.65	20.78
10	16QAM	25	25	20.38	20.89	21.30
10	16QAM	50	0	20.41	20.56	21.07
10	64QAM	1	0	21.02	21.14	22.21
10	64QAM	1	25	21.45	21.84	21.63
10	64QAM	1	49	21.75	21.56	21.73
10	64QAM	25	0	20.29	20.44	20.78
10	64QAM	25	12	20.63	20.56	21.20
10	64QAM	25	25	20.40	21.17	20.74
10	64QAM	50	0	20.30	20.33	21.12

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.15	23.01	22.72
5	QPSK	1	12	22.20	22.62	23.21
5	QPSK	1	24	22.18	22.55	22.73
5	QPSK	12	0	21.11	21.50	21.90
5	QPSK	12	7	21.42	21.48	21.75
5	QPSK	12	13	21.22	21.51	21.78
5	QPSK	25	0	21.40	21.55	22.23
5	16QAM	1	0	21.42	21.54	21.86
5	16QAM	1	12	21.20	21.53	21.65
5	16QAM	1	24	21.37	21.59	21.88
5	16QAM	12	0	20.27	20.55	20.68
5	16QAM	12	7	20.32	20.53	21.25
5	16QAM	12	13	20.34	21.08	20.57
5	16QAM	25	0	20.24	20.54	20.90
5	64QAM	1	0	20.93	21.67	21.64
5	64QAM	1	12	20.87	21.59	21.80
5	64QAM	1	24	21.10	21.52	22.12
5	64QAM	12	0	20.16	20.51	20.82
5	64QAM	12	7	20.39	20.73	20.79
5	64QAM	12	13	20.15	20.58	20.84
5	64QAM	25	0	20.22	20.52	20.77

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.21	22.44	22.66
3	QPSK	1	8	21.97	22.65	23.20
3	QPSK	1	14	22.05	22.53	22.72
3	QPSK	8	0	21.09	21.33	21.69
3	QPSK	8	4	21.40	21.57	21.83
3	QPSK	8	7	21.21	21.74	21.83
3	QPSK	15	0	21.27	21.77	21.78
3	16QAM	1	0	21.25	21.78	22.37
3	16QAM	1	8	21.55	21.36	21.83
3	16QAM	1	14	21.46	21.79	21.59
3	16QAM	8	0	20.13	20.38	20.78
3	16QAM	8	4	20.36	20.82	20.89
3	16QAM	8	7	20.26	21.12	21.18
3	16QAM	15	0	19.81	20.95	20.67
3	64QAM	1	0	21.60	21.43	21.61
3	64QAM	1	8	20.85	21.59	21.70
3	64QAM	1	14	21.24	21.56	21.66
3	64QAM	8	0	20.03	20.43	20.77
3	64QAM	8	4	20.26	20.54	20.83
3	64QAM	8	7	20.51	20.58	20.72
3	64QAM	15	0	20.03	20.44	20.73

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	21.75	22.32	22.66
1.4	QPSK	1	3	21.98	22.66	22.69
1.4	QPSK	1	5	22.11	22.51	22.69
1.4	QPSK	3	0	22.04	22.53	22.68
1.4	QPSK	3	1	22.10	22.49	22.70
1.4	QPSK	3	3	21.99	22.57	22.56
1.4	QPSK	6	0	21.13	21.47	21.73
1.4	16QAM	1	0	21.36	21.66	21.84
1.4	16QAM	1	3	21.14	22.03	21.60
1.4	16QAM	1	5	21.15	21.52	21.82
1.4	16QAM	3	0	21.29	21.44	21.73
1.4	16QAM	3	1	21.30	21.51	21.76
1.4	16QAM	3	3	21.14	21.93	21.69
1.4	16QAM	6	0	20.17	20.50	20.77
1.4	64QAM	1	0	21.13	21.41	21.58
1.4	64QAM	1	3	21.13	21.50	21.72
1.4	64QAM	1	5	21.69	21.42	21.95
1.4	64QAM	3	0	20.97	21.60	21.67
1.4	64QAM	3	1	21.02	21.45	21.61
1.4	64QAM	3	3	21.26	21.59	21.61
1.4	64QAM	6	0	20.16	20.44	20.67

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.95	23.07	23.02
20	QPSK	1	49	22.88	22.92	22.86
20	QPSK	1	99	22.74	22.87	22.85
20	QPSK	50	0	21.80	21.92	21.89
20	QPSK	50	24	21.71	21.81	21.89
20	QPSK	50	50	21.75	21.75	21.85
20	QPSK	100	0	21.67	21.87	21.85
20	16QAM	1	0	22.11	22.06	22.11
20	16QAM	1	49	21.93	22.15	21.88
20	16QAM	1	99	21.91	21.96	22.10
20	16QAM	50	0	21.01	21.07	20.97
20	16QAM	50	24	20.78	21.05	20.85
20	16QAM	50	50	20.89	20.95	20.82
20	16QAM	100	0	20.80	20.98	20.93
20	64QAM	1	0	21.04	21.09	20.98
20	64QAM	1	49	20.90	20.88	20.93
20	64QAM	1	99	20.89	20.85	20.78
20	64QAM	50	0	19.80	19.97	19.96
20	64QAM	50	24	19.73	20.02	19.79
20	64QAM	50	50	19.93	19.76	19.78
20	64QAM	100	0	19.86	19.79	19.89

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.95	23.04	22.99
15	QPSK	1	37	22.72	22.88	22.92
15	QPSK	1	74	22.80	22.93	22.84
15	QPSK	36	0	21.77	21.95	21.78
15	QPSK	36	20	21.75	21.76	21.71
15	QPSK	36	39	21.68	21.93	21.70
15	QPSK	75	0	21.72	21.94	21.90
15	16QAM	1	0	21.94	22.09	21.96
15	16QAM	1	37	22.06	21.94	21.90
15	16QAM	1	74	21.95	21.90	21.94
15	16QAM	36	0	21.02	20.92	21.04
15	16QAM	36	20	20.76	20.87	20.78
15	16QAM	36	39	20.98	20.94	20.82
15	16QAM	75	0	20.93	20.85	20.92
15	64QAM	1	0	20.89	20.96	20.88
15	64QAM	1	37	20.89	20.86	21.03
15	64QAM	1	74	20.90	20.86	21.02
15	64QAM	36	0	19.83	20.02	19.91
15	64QAM	36	20	19.86	19.88	19.91
15	64QAM	36	39	19.83	19.83	19.72
15	64QAM	75	0	19.76	20.01	19.93

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.79	23.03	23.00
10	QPSK	1	25	22.76	22.99	22.96
10	QPSK	1	49	22.70	23.01	22.91
10	QPSK	25	0	21.79	21.87	21.89
10	QPSK	25	12	21.79	21.75	21.67
10	QPSK	25	25	21.79	21.70	21.84
10	QPSK	50	0	21.67	21.80	21.79
10	16QAM	1	0	22.05	22.11	22.05
10	16QAM	1	25	21.97	22.07	21.96
10	16QAM	1	49	21.87	22.06	22.06
10	16QAM	25	0	20.97	20.84	20.90
10	16QAM	25	12	20.86	20.87	20.88
10	16QAM	25	25	20.74	20.92	20.91
10	16QAM	50	0	20.79	20.94	20.92
10	64QAM	1	0	20.99	21.00	20.87
10	64QAM	1	25	21.06	20.98	20.85
10	64QAM	1	49	20.84	20.85	20.78
10	64QAM	25	0	19.99	19.87	19.82
10	64QAM	25	12	19.89	20.03	19.71
10	64QAM	25	25	19.84	19.77	19.80
10	64QAM	50	0	19.85	20.00	19.88

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.81	23.00	22.95
5	QPSK	1	12	22.72	22.94	22.81
5	QPSK	1	24	22.75	22.89	22.79
5	QPSK	12	0	22.00	21.79	21.92
5	QPSK	12	7	21.71	21.83	21.84
5	QPSK	12	13	21.81	21.80	21.76
5	QPSK	25	0	21.71	21.96	21.88
5	16QAM	1	0	21.95	22.06	22.04
5	16QAM	1	12	21.86	22.11	21.82
5	16QAM	1	24	21.99	22.09	22.06
5	16QAM	12	0	21.05	20.92	20.93
5	16QAM	12	7	20.84	20.86	20.90
5	16QAM	12	13	20.79	21.02	20.99
5	16QAM	25	0	20.80	21.05	20.80
5	64QAM	1	0	20.96	21.13	21.04
5	64QAM	1	12	21.01	21.09	20.95
5	64QAM	1	24	20.92	20.99	20.90
5	64QAM	12	0	20.05	20.00	19.89
5	64QAM	12	7	19.76	20.03	19.95
5	64QAM	12	13	19.92	19.91	19.80
5	64QAM	25	0	19.85	19.84	19.88

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.20	/
10	QPSK	1	25	/	23.15	/
10	QPSK	1	49	/	23.09	/
10	QPSK	25	0	/	22.11	/
10	QPSK	25	12	/	22.03	/
10	QPSK	25	25	/	21.95	/
10	QPSK	50	0	/	22.01	/
10	16QAM	1	0	/	22.25	/
10	16QAM	1	25	/	22.16	/
10	16QAM	1	49	/	22.06	/
10	16QAM	25	0	/	21.08	/
10	16QAM	25	12	/	21.00	/
10	16QAM	25	25	/	20.98	/
10	16QAM	50	0	/	21.02	/
10	64QAM	1	0	/	21.24	/
10	64QAM	1	25	/	21.17	/
10	64QAM	1	49	/	21.13	/
10	64QAM	25	0	/	20.14	/
10	64QAM	25	12	/	20.07	/
10	64QAM	25	25	/	20.02	/
10	64QAM	50	0	/	20.06	/

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.05	23.12	23.04
5	QPSK	1	12	22.94	22.95	22.78
5	QPSK	1	24	22.87	23.05	22.88
5	QPSK	12	0	21.79	21.81	21.97
5	QPSK	12	7	21.87	21.77	21.69
5	QPSK	12	13	21.85	21.87	21.87
5	QPSK	25	0	21.73	21.76	21.87
5	16QAM	1	0	22.01	22.22	22.11
5	16QAM	1	12	22.00	21.93	21.95
5	16QAM	1	24	21.87	21.92	22.07
5	16QAM	12	0	20.90	21.02	20.85
5	16QAM	12	7	21.00	20.95	20.91
5	16QAM	12	13	20.84	20.95	20.84
5	16QAM	25	0	20.91	20.84	20.84
5	64QAM	1	0	20.92	21.00	20.96
5	64QAM	1	12	20.96	20.94	20.87
5	64QAM	1	24	21.09	20.98	21.00
5	64QAM	12	0	19.99	19.97	19.82
5	64QAM	12	7	19.89	19.91	19.92
5	64QAM	12	13	19.74	19.79	19.75
5	64QAM	25	0	19.79	20.00	19.81

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	23.42	/
10	QPSK	1	25	/	23.35	/
10	QPSK	1	49	/	23.31	/
10	QPSK	25	0	/	22.34	/
10	QPSK	25	12	/	22.26	/
10	QPSK	25	25	/	22.15	/
10	QPSK	50	0	/	22.20	/
10	16QAM	1	0	/	22.44	/
10	16QAM	1	25	/	22.36	/
10	16QAM	1	49	/	22.34	/
10	16QAM	25	0	/	21.29	/
10	16QAM	25	12	/	21.26	/
10	16QAM	25	25	/	21.18	/
10	16QAM	50	0	/	21.22	/
10	64QAM	1	0	/	21.40	/
10	64QAM	1	25	/	21.27	/
10	64QAM	1	49	/	21.33	/
10	64QAM	25	0	/	20.35	/
10	64QAM	25	12	/	20.27	/
10	64QAM	25	25	/	20.32	/
10	64QAM	50	0	/	20.28	/

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	23.27	23.35	23.30
5	QPSK	1	12	23.16	23.27	23.26
5	QPSK	1	24	23.25	23.21	23.23
5	QPSK	12	0	22.30	22.33	22.28
5	QPSK	12	7	22.19	22.22	22.19
5	QPSK	12	13	22.13	22.27	22.13
5	QPSK	25	0	22.09	22.28	22.14
5	16QAM	1	0	22.55	22.42	22.56
5	16QAM	1	12	22.44	22.50	22.36
5	16QAM	1	24	22.44	22.40	22.48
5	16QAM	12	0	21.24	21.32	21.43
5	16QAM	12	7	21.19	21.42	21.23
5	16QAM	12	13	21.19	21.36	21.24
5	16QAM	25	0	21.20	21.33	21.30
5	64QAM	1	0	21.44	21.31	21.33
5	64QAM	1	12	21.37	21.46	21.22
5	64QAM	1	24	21.46	21.38	21.34
5	64QAM	12	0	20.41	20.46	20.29
5	64QAM	12	7	20.30	20.44	20.23
5	64QAM	12	13	20.35	20.33	20.23
5	64QAM	25	0	20.25	20.37	20.20

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.03	23.29	23.15
20	QPSK	1	49	22.94	23.12	22.97
20	QPSK	1	99	22.85	23.10	22.91
20	QPSK	50	0	22.03	22.27	22.06
20	QPSK	50	24	21.89	22.19	21.95
20	QPSK	50	50	21.98	22.07	21.97
20	QPSK	100	0	21.92	22.12	21.75
20	16QAM	1	0	22.09	22.39	22.05
20	16QAM	1	49	22.02	22.35	22.15
20	16QAM	1	99	22.05	22.29	21.96
20	16QAM	50	0	21.06	21.36	21.00
20	16QAM	50	24	20.96	21.17	20.99
20	16QAM	50	50	20.93	21.20	21.01
20	16QAM	100	0	21.16	21.28	21.07
20	64QAM	1	0	21.23	21.41	21.18
20	64QAM	1	49	20.99	21.27	21.17
20	64QAM	1	99	21.08	21.28	21.11
20	64QAM	50	0	20.18	20.22	20.04
20	64QAM	50	24	19.87	20.21	20.05
20	64QAM	50	50	19.96	20.18	20.03
20	64QAM	100	0	20.09	20.31	20.05

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.11	23.26	23.16
15	QPSK	1	37	23.06	23.18	22.93
15	QPSK	1	74	22.93	23.22	22.94
15	QPSK	36	0	21.97	22.17	21.93
15	QPSK	36	20	21.92	22.09	21.99
15	QPSK	36	39	21.82	22.10	21.91
15	QPSK	75	0	22.01	22.21	21.97
15	16QAM	1	0	22.26	22.41	22.08
15	16QAM	1	37	22.21	22.32	22.07
15	16QAM	1	74	22.19	22.39	22.07
15	16QAM	36	0	21.18	21.35	21.14
15	16QAM	36	20	21.10	21.23	20.92
15	16QAM	36	39	21.07	21.31	20.96
15	16QAM	75	0	21.12	21.34	21.02
15	64QAM	1	0	21.20	21.38	20.98
15	64QAM	1	37	21.06	21.43	21.11
15	64QAM	1	74	21.00	21.25	20.94
15	64QAM	36	0	20.07	20.35	20.04
15	64QAM	36	20	20.02	20.34	20.02
15	64QAM	36	39	20.14	20.21	19.92
15	64QAM	75	0	19.93	20.35	19.87

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.06	23.25	23.13
10	QPSK	1	25	22.90	23.12	23.04
10	QPSK	1	49	22.89	23.23	23.05
10	QPSK	25	0	21.95	22.29	21.85
10	QPSK	25	12	21.96	22.23	21.97
10	QPSK	25	25	21.84	22.08	21.94
10	QPSK	50	0	22.04	22.29	21.98
10	16QAM	1	0	22.14	22.40	22.28
10	16QAM	1	25	22.21	22.37	21.98
10	16QAM	1	49	22.10	22.30	22.11
10	16QAM	25	0	21.09	21.35	21.13
10	16QAM	25	12	21.01	21.30	20.92
10	16QAM	25	25	20.91	21.30	20.93
10	16QAM	50	0	21.08	21.21	21.02
10	64QAM	1	0	21.29	21.40	21.02
10	64QAM	1	25	20.05	21.36	21.02
10	64QAM	1	49	21.18	21.32	21.08
10	64QAM	25	0	20.12	20.35	20.03
10	64QAM	25	12	20.01	20.11	19.98
10	64QAM	25	25	19.93	20.28	20.02
10	64QAM	50	0	19.97	20.24	19.93

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.11	23.24	23.07
5	QPSK	1	12	23.05	23.24	23.06
5	QPSK	1	24	22.96	23.18	23.00
5	QPSK	12	0	21.94	22.35	22.01
5	QPSK	12	7	21.94	22.22	21.91
5	QPSK	12	13	21.93	22.21	21.90
5	QPSK	25	0	21.90	22.21	21.92
5	16QAM	1	0	22.27	22.36	22.15
5	16QAM	1	12	22.00	22.30	21.91
5	16QAM	1	24	22.11	22.24	22.02
5	16QAM	12	0	21.09	21.30	21.05
5	16QAM	12	7	20.94	21.24	20.97
5	16QAM	12	13	21.12	21.24	21.00
5	16QAM	25	0	20.92	21.27	21.08
5	64QAM	1	0	21.16	21.34	21.12
5	64QAM	1	12	21.20	21.27	21.04
5	64QAM	1	24	21.10	21.19	20.92
5	64QAM	12	0	20.18	20.21	19.99
5	64QAM	12	7	19.94	20.35	19.99
5	64QAM	12	13	20.14	20.14	20.01
5	64QAM	25	0	19.99	20.36	19.96

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.39	23.46	23.44
20	QPSK	1	49	23.22	23.40	23.32
20	QPSK	1	99	23.20	23.35	23.23
20	QPSK	50	0	22.33	22.41	22.36
20	QPSK	50	24	22.28	22.26	22.29
20	QPSK	50	50	22.23	22.16	22.31
20	QPSK	100	0	22.22	22.28	22.21
20	16QAM	1	0	22.64	22.62	22.53
20	16QAM	1	49	22.49	22.55	22.49
20	16QAM	1	99	22.46	22.59	22.38
20	16QAM	50	0	21.43	21.47	21.36
20	16QAM	50	24	21.48	21.35	21.33
20	16QAM	50	50	21.39	21.40	21.49
20	16QAM	100	0	21.35	21.44	21.32
20	64QAM	1	0	21.55	21.63	21.58
20	64QAM	1	49	21.31	21.42	21.32
20	64QAM	1	99	21.35	21.41	21.36
20	64QAM	50	0	20.37	20.46	20.53
20	64QAM	50	24	20.30	20.49	20.30
20	64QAM	50	50	20.42	20.40	20.25
20	64QAM	100	0	20.27	20.37	20.36

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.33	23.44	23.39
15	QPSK	1	37	23.24	23.34	23.35
15	QPSK	1	74	23.30	23.36	23.30
15	QPSK	36	0	22.37	22.40	22.41
15	QPSK	36	20	22.32	22.40	22.29
15	QPSK	36	39	22.37	22.18	22.17
15	QPSK	75	0	22.33	22.37	22.17
15	16QAM	1	0	22.45	22.68	22.47
15	16QAM	1	37	22.43	22.50	22.46
15	16QAM	1	74	22.38	22.46	22.41
15	16QAM	36	0	21.31	21.36	21.36
15	16QAM	36	20	21.48	21.38	21.24
15	16QAM	36	39	21.36	21.39	21.45
15	16QAM	75	0	21.46	21.36	21.30
15	64QAM	1	0	21.46	21.51	21.58
15	64QAM	1	37	21.31	21.54	21.50
15	64QAM	1	74	21.36	21.27	21.29
15	64QAM	36	0	20.46	20.48	20.50
15	64QAM	36	20	20.22	20.46	20.27
15	64QAM	36	39	20.44	20.24	20.25
15	64QAM	75	0	20.42	20.32	20.40

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.34	23.41	23.36
10	QPSK	1	25	23.22	23.26	23.27
10	QPSK	1	49	23.37	23.34	23.33
10	QPSK	25	0	22.25	22.45	22.35
10	QPSK	25	12	22.37	22.21	22.14
10	QPSK	25	25	22.14	22.41	22.15
10	QPSK	50	0	22.22	22.33	22.36
10	16QAM	1	0	22.44	22.55	22.59
10	16QAM	1	25	22.31	22.59	22.39
10	16QAM	1	49	22.42	22.52	22.55
10	16QAM	25	0	21.30	21.49	21.35
10	16QAM	25	12	21.36	21.51	21.36
10	16QAM	25	25	21.43	21.38	21.31
10	16QAM	50	0	21.26	21.41	21.37
10	64QAM	1	0	21.58	21.41	21.39
10	64QAM	1	25	21.44	21.48	21.36
10	64QAM	1	49	21.55	21.37	21.42
10	64QAM	25	0	20.29	20.41	20.48
10	64QAM	25	12	20.30	20.40	20.28
10	64QAM	25	25	20.33	20.38	20.30
10	64QAM	50	0	20.27	20.33	20.37

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.35	23.42	23.39
5	QPSK	1	12	23.21	23.40	23.33
5	QPSK	1	24	23.20	23.30	23.32
5	QPSK	12	0	22.39	22.41	22.38
5	QPSK	12	7	22.29	22.37	22.30
5	QPSK	12	13	22.18	22.17	22.33
5	QPSK	25	0	22.39	22.20	22.26
5	16QAM	1	0	22.46	22.72	22.49
5	16QAM	1	12	22.35	22.48	22.45
5	16QAM	1	24	22.48	22.52	22.54
5	16QAM	12	0	21.37	21.48	21.46
5	16QAM	12	7	21.38	21.37	21.29
5	16QAM	12	13	21.30	21.33	21.31
5	16QAM	25	0	21.35	21.37	21.32
5	64QAM	1	0	21.45	21.63	21.51
5	64QAM	1	12	21.37	21.55	21.51
5	64QAM	1	24	21.33	21.32	21.38
5	64QAM	12	0	20.33	20.41	20.30
5	64QAM	12	7	20.26	20.32	20.32
5	64QAM	12	13	20.29	20.42	20.33
5	64QAM	25	0	20.44	20.42	20.28

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.33	23.39	23.34
3	QPSK	1	8	23.27	23.32	23.31
3	QPSK	1	14	23.17	23.26	23.29
3	QPSK	8	0	22.44	22.39	22.43
3	QPSK	8	4	22.20	22.34	22.24
3	QPSK	8	7	22.24	22.38	22.33
3	QPSK	15	0	22.25	22.22	22.25
3	16QAM	1	0	22.49	22.61	22.55
3	16QAM	1	8	22.51	22.41	22.30
3	16QAM	1	14	22.37	22.49	22.38
3	16QAM	8	0	21.39	21.36	21.32
3	16QAM	8	4	21.44	21.53	21.32
3	16QAM	8	7	21.39	21.46	21.41
3	16QAM	15	0	21.40	21.50	21.31
3	64QAM	1	0	21.47	21.41	21.49
3	64QAM	1	8	21.29	21.40	21.30
3	64QAM	1	14	21.36	21.52	21.32
3	64QAM	8	0	20.42	20.50	20.38
3	64QAM	8	4	20.44	20.38	20.23
3	64QAM	8	7	20.30	20.28	20.29
3	64QAM	15	0	20.32	20.37	20.39

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.33	23.40	23.37
1.4	QPSK	1	3	23.15	23.30	23.35
1.4	QPSK	1	5	23.32	23.35	23.23
1.4	QPSK	3	0	22.33	22.51	22.30
1.4	QPSK	3	1	22.35	22.39	22.23
1.4	QPSK	3	3	22.32	22.27	22.21
1.4	QPSK	6	0	22.36	22.25	22.36
1.4	16QAM	1	0	22.44	22.48	22.63
1.4	16QAM	1	3	22.43	22.43	22.36
1.4	16QAM	1	5	22.59	22.38	22.44
1.4	16QAM	3	0	21.51	21.34	21.51
1.4	16QAM	3	1	21.25	21.52	21.20
1.4	16QAM	3	3	21.29	21.41	21.32
1.4	16QAM	6	0	21.31	21.51	21.43
1.4	64QAM	1	0	21.38	21.60	21.54
1.4	64QAM	1	3	21.43	21.42	21.47
1.4	64QAM	1	5	21.42	21.41	21.28
1.4	64QAM	3	0	20.36	20.41	20.33
1.4	64QAM	3	1	20.27	20.35	20.21
1.4	64QAM	3	3	20.40	20.45	20.23
1.4	64QAM	6	0	20.26	20.43	20.27

Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.88	0.194	22.92	0.196	22.86	0.193
20	QPSK	1	49	22.78	0.190	22.86	0.193	22.80	0.191
20	QPSK	1	99	22.76	0.189	22.82	0.191	22.77	0.189
20	QPSK	50	0	21.87	0.154	21.91	0.155	21.84	0.153
20	QPSK	50	24	21.80	0.151	21.85	0.153	21.78	0.151
20	QPSK	50	50	21.76	0.150	21.80	0.151	21.75	0.150
20	QPSK	100	0	21.78	0.151	21.83	0.152	21.77	0.150
20	16QAM	1	0	22.04	0.160	22.11	0.163	22.06	0.161
20	16QAM	1	49	21.95	0.157	22.04	0.160	21.93	0.156
20	16QAM	1	99	21.99	0.158	22.00	0.158	21.97	0.157
20	16QAM	50	0	20.92	0.124	20.96	0.125	20.91	0.123
20	16QAM	50	24	20.87	0.122	20.92	0.124	20.80	0.120
20	16QAM	50	50	20.85	0.122	20.90	0.123	20.89	0.123
20	16QAM	100	0	20.88	0.122	20.93	0.124	20.90	0.123
20	64QAM	1	0	21.01	0.126	21.03	0.127	20.98	0.125
20	64QAM	1	49	20.93	0.124	20.97	0.125	20.94	0.124
20	64QAM	1	99	20.96	0.125	20.91	0.123	20.90	0.123
20	64QAM	50	0	19.92	0.098	19.98	0.100	19.93	0.098
20	64QAM	50	24	19.83	0.096	19.95	0.099	19.82	0.096
20	64QAM	50	50	19.86	0.097	19.87	0.097	19.81	0.096
20	64QAM	100	0	19.87	0.097	19.91	0.098	19.85	0.097

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.83	0.192	22.89	0.195	22.87	0.194
15	QPSK	1	37	22.66	0.185	22.86	0.193	22.78	0.190
15	QPSK	1	74	22.81	0.191	22.78	0.190	22.72	0.187
15	QPSK	36	0	21.94	0.156	21.99	0.158	21.80	0.151
15	QPSK	36	20	21.85	0.153	21.92	0.156	21.71	0.148
15	QPSK	36	39	21.83	0.152	21.76	0.150	21.85	0.153
15	QPSK	75	0	21.69	0.148	21.91	0.155	21.83	0.152
15	16QAM	1	0	22.01	0.159	22.01	0.159	22.02	0.159
15	16QAM	1	37	21.85	0.153	22.11	0.163	21.89	0.155
15	16QAM	1	74	21.95	0.157	21.86	0.153	22.01	0.159
15	16QAM	36	0	20.79	0.120	20.89	0.123	20.83	0.121
15	16QAM	36	20	20.93	0.124	20.91	0.123	20.79	0.120
15	16QAM	36	39	20.85	0.122	20.75	0.119	20.82	0.121
15	16QAM	75	0	20.92	0.124	20.80	0.120	20.91	0.123
15	64QAM	1	0	21.05	0.127	20.90	0.123	21.00	0.126
15	64QAM	1	37	20.89	0.123	20.83	0.121	20.83	0.121
15	64QAM	1	74	20.87	0.122	20.94	0.124	20.90	0.123
15	64QAM	36	0	19.81	0.096	20.02	0.100	20.00	0.100
15	64QAM	36	20	19.74	0.094	20.01	0.100	19.92	0.098
15	64QAM	36	39	19.72	0.094	19.76	0.095	19.68	0.093
15	64QAM	75	0	19.94	0.099	19.81	0.096	19.89	0.097

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.86	0.193	22.90	0.195	22.79	0.190
10	QPSK	1	25	22.75	0.188	22.80	0.191	22.72	0.187
10	QPSK	1	49	22.65	0.184	22.81	0.191	22.75	0.188
10	QPSK	25	0	21.81	0.152	21.84	0.153	21.73	0.149
10	QPSK	25	12	21.79	0.151	21.86	0.153	21.68	0.147
10	QPSK	25	25	21.66	0.147	21.79	0.151	21.63	0.146
10	QPSK	50	0	21.86	0.153	21.88	0.154	21.70	0.148
10	16QAM	1	0	21.91	0.155	22.03	0.160	21.97	0.157
10	16QAM	1	25	21.80	0.151	22.05	0.160	21.81	0.152
10	16QAM	1	49	21.98	0.158	22.04	0.160	21.86	0.153
10	16QAM	25	0	20.97	0.125	20.94	0.124	20.99	0.126
10	16QAM	25	12	20.91	0.123	20.78	0.120	20.72	0.118
10	16QAM	25	25	20.72	0.118	20.81	0.121	20.79	0.120
10	16QAM	50	0	20.73	0.118	20.93	0.124	20.84	0.121
10	64QAM	1	0	21.01	0.126	20.96	0.125	20.85	0.122
10	64QAM	1	25	20.99	0.126	21.06	0.128	21.04	0.127
10	64QAM	1	49	21.02	0.126	20.94	0.124	20.87	0.122
10	64QAM	25	0	19.92	0.098	19.83	0.096	19.97	0.099
10	64QAM	25	12	19.76	0.095	19.91	0.098	19.91	0.098
10	64QAM	25	25	19.80	0.095	19.85	0.097	19.87	0.097
10	64QAM	50	0	19.72	0.094	19.88	0.097	19.89	0.097

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.83	0.192	22.87	0.194	22.85	0.193
5	QPSK	1	12	22.81	0.191	22.77	0.189	22.78	0.190
5	QPSK	1	24	22.77	0.189	22.83	0.192	22.68	0.185
5	QPSK	12	0	21.82	0.152	21.87	0.154	21.69	0.148
5	QPSK	12	7	21.89	0.155	21.84	0.153	21.76	0.150
5	QPSK	12	13	21.63	0.146	21.81	0.152	21.83	0.152
5	QPSK	25	0	21.77	0.150	21.77	0.150	21.75	0.150
5	16QAM	1	0	22.06	0.161	22.10	0.162	22.13	0.163
5	16QAM	1	12	21.86	0.153	22.02	0.159	21.98	0.158
5	16QAM	1	24	21.91	0.155	21.98	0.158	21.99	0.158
5	16QAM	12	0	20.85	0.122	20.93	0.124	20.90	0.123
5	16QAM	12	7	20.73	0.118	20.92	0.124	20.82	0.121
5	16QAM	12	13	20.77	0.119	20.87	0.122	20.77	0.119
5	16QAM	25	0	20.78	0.120	20.97	0.125	20.79	0.120
5	64QAM	1	0	21.07	0.128	21.01	0.126	21.05	0.127
5	64QAM	1	12	20.96	0.125	20.83	0.121	20.99	0.126
5	64QAM	1	24	21.00	0.126	20.99	0.126	20.77	0.119
5	64QAM	12	0	19.89	0.097	19.96	0.099	19.96	0.099
5	64QAM	12	7	19.70	0.093	19.80	0.095	19.91	0.098
5	64QAM	12	13	19.83	0.096	19.89	0.097	19.66	0.092
5	64QAM	25	0	19.78	0.095	19.79	0.095	19.79	0.095

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.80	0.191	22.88	0.194	22.84	0.192
3	QPSK	1	8	22.73	0.187	22.87	0.194	22.83	0.192
3	QPSK	1	14	22.69	0.186	22.77	0.189	22.64	0.184
3	QPSK	8	0	21.92	0.156	21.93	0.156	21.93	0.156
3	QPSK	8	4	21.82	0.152	21.74	0.149	21.72	0.149
3	QPSK	8	7	21.79	0.151	21.69	0.148	21.77	0.150
3	QPSK	15	0	21.84	0.153	21.90	0.155	21.72	0.149
3	16QAM	1	0	22.11	0.163	22.21	0.166	22.01	0.159
3	16QAM	1	8	21.96	0.157	21.89	0.155	21.83	0.152
3	16QAM	1	14	21.93	0.156	21.88	0.154	21.95	0.157
3	16QAM	8	0	20.99	0.126	20.96	0.125	20.91	0.123
3	16QAM	8	4	20.86	0.122	20.93	0.124	20.82	0.121
3	16QAM	8	7	20.87	0.122	20.97	0.125	20.77	0.119
3	16QAM	15	0	20.77	0.119	20.87	0.122	20.84	0.121
3	64QAM	1	0	21.02	0.126	21.07	0.128	20.93	0.124
3	64QAM	1	8	21.03	0.127	20.88	0.122	20.94	0.124
3	64QAM	1	14	20.96	0.125	20.82	0.121	20.77	0.119
3	64QAM	8	0	19.84	0.096	19.91	0.098	19.79	0.095
3	64QAM	8	4	19.69	0.093	20.00	0.100	19.87	0.097
3	64QAM	8	7	19.90	0.098	19.79	0.095	19.71	0.094
3	64QAM	15	0	19.76	0.095	19.86	0.097	19.89	0.097

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.83	0.192	22.86	0.193	22.83	0.192
1.4	QPSK	1	3	22.68	0.185	22.81	0.191	22.81	0.191
1.4	QPSK	1	5	22.65	0.184	22.79	0.190	22.62	0.183
1.4	QPSK	3	0	21.93	0.156	21.94	0.156	21.75	0.150
1.4	QPSK	3	1	21.71	0.148	21.94	0.156	21.75	0.150
1.4	QPSK	3	3	21.69	0.148	21.71	0.148	21.85	0.153
1.4	QPSK	6	0	21.67	0.147	21.71	0.148	21.64	0.146
1.4	16QAM	1	0	22.12	0.163	22.13	0.163	22.08	0.161
1.4	16QAM	1	3	21.86	0.153	22.13	0.163	21.98	0.158
1.4	16QAM	1	5	21.94	0.156	21.96	0.157	21.93	0.156
1.4	16QAM	3	0	20.81	0.121	20.87	0.122	21.00	0.126
1.4	16QAM	3	1	20.89	0.123	20.77	0.119	20.88	0.122
1.4	16QAM	3	3	20.73	0.118	20.89	0.123	20.86	0.122
1.4	16QAM	6	0	20.98	0.125	20.85	0.122	20.75	0.119
1.4	64QAM	1	0	21.08	0.128	21.03	0.127	21.03	0.127
1.4	64QAM	1	3	20.82	0.121	21.04	0.127	20.81	0.121
1.4	64QAM	1	5	20.81	0.121	20.92	0.124	20.92	0.124
1.4	64QAM	3	0	19.84	0.096	19.90	0.098	19.83	0.096
1.4	64QAM	3	1	19.68	0.093	19.96	0.099	19.69	0.093
1.4	64QAM	3	3	19.85	0.097	19.76	0.095	19.68	0.093
1.4	64QAM	6	0	19.73	0.094	19.77	0.095	19.89	0.097

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	22.48	0.177	22.56	0.180	22.53	0.179
20	QPSK	1	49	22.24	0.167	22.55	0.180	22.42	0.175
20	QPSK	1	99	22.33	0.171	22.39	0.173	22.39	0.173
20	QPSK	50	0	21.46	0.140	21.53	0.142	21.52	0.142
20	QPSK	50	24	21.26	0.134	21.37	0.137	21.46	0.140
20	QPSK	50	50	21.44	0.139	21.29	0.135	21.27	0.134
20	QPSK	100	0	21.37	0.137	21.51	0.142	21.29	0.135
20	16QAM	1	0	21.58	0.144	21.62	0.145	21.68	0.147
20	16QAM	1	49	21.52	0.142	21.50	0.141	21.45	0.140
20	16QAM	1	99	21.48	0.141	21.51	0.142	21.63	0.146
20	16QAM	50	0	20.45	0.111	20.47	0.111	20.39	0.109
20	16QAM	50	24	20.34	0.108	20.50	0.112	20.25	0.106
20	16QAM	50	50	20.30	0.107	20.52	0.113	20.55	0.114
20	16QAM	100	0	20.53	0.113	20.43	0.110	20.49	0.112
20	64QAM	1	0	20.62	0.115	20.56	0.114	20.58	0.114
20	64QAM	1	49	20.56	0.114	20.54	0.113	20.42	0.110
20	64QAM	1	99	20.53	0.113	20.46	0.111	20.47	0.111
20	64QAM	50	0	19.38	0.087	19.45	0.088	19.38	0.087
20	64QAM	50	24	19.38	0.087	19.52	0.090	19.26	0.084
20	64QAM	50	50	19.53	0.090	19.47	0.089	19.40	0.087
20	64QAM	100	0	19.35	0.086	19.39	0.087	19.30	0.085

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.43	0.175	22.53	0.179	22.50	0.178
15	QPSK	1	37	22.42	0.175	22.39	0.173	22.47	0.177
15	QPSK	1	74	22.33	0.171	22.46	0.176	22.41	0.174
15	QPSK	36	0	21.46	0.140	21.51	0.142	21.51	0.142
15	QPSK	36	20	21.35	0.136	21.36	0.137	21.24	0.133
15	QPSK	36	39	21.41	0.138	21.47	0.140	21.22	0.132
15	QPSK	75	0	21.30	0.135	21.34	0.136	21.41	0.138
15	16QAM	1	0	21.50	0.141	21.62	0.145	21.62	0.145
15	16QAM	1	37	21.58	0.144	21.57	0.144	21.62	0.145
15	16QAM	1	74	21.46	0.140	21.65	0.146	21.60	0.145
15	16QAM	36	0	20.55	0.114	20.54	0.113	20.42	0.110
15	16QAM	36	20	20.38	0.109	20.43	0.110	20.27	0.106
15	16QAM	36	39	20.54	0.113	20.54	0.113	20.41	0.110
15	16QAM	75	0	20.53	0.113	20.37	0.109	20.52	0.113
15	64QAM	1	0	20.69	0.117	20.64	0.116	20.55	0.114
15	64QAM	1	37	20.44	0.111	20.50	0.112	20.63	0.116
15	64QAM	1	74	20.41	0.110	20.36	0.109	20.40	0.110
15	64QAM	36	0	19.58	0.091	19.66	0.092	19.51	0.089
15	64QAM	36	20	19.47	0.089	19.50	0.089	19.45	0.088
15	64QAM	36	39	19.43	0.088	19.35	0.086	19.37	0.086
15	64QAM	75	0	19.33	0.086	19.51	0.089	19.42	0.087

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.47	0.177	22.51	0.178	22.49	0.177
10	QPSK	1	25	22.44	0.175	22.45	0.176	22.46	0.176
10	QPSK	1	49	22.37	0.173	22.41	0.174	22.34	0.171
10	QPSK	25	0	21.35	0.136	21.60	0.145	21.30	0.135
10	QPSK	25	12	21.39	0.138	21.36	0.137	21.42	0.139
10	QPSK	25	25	21.27	0.134	21.33	0.136	21.39	0.138
10	QPSK	50	0	21.39	0.138	21.52	0.142	21.40	0.138
10	16QAM	1	0	21.58	0.144	21.71	0.148	21.68	0.147
10	16QAM	1	25	21.43	0.139	21.51	0.142	21.49	0.141
10	16QAM	1	49	21.49	0.141	21.64	0.146	21.51	0.142
10	16QAM	25	0	20.46	0.111	20.40	0.110	20.37	0.109
10	16QAM	25	12	20.48	0.112	20.47	0.111	20.41	0.110
10	16QAM	25	25	20.50	0.112	20.43	0.110	20.45	0.111
10	16QAM	50	0	20.56	0.114	20.57	0.114	20.53	0.113
10	64QAM	1	0	20.67	0.117	20.71	0.118	20.46	0.111
10	64QAM	1	25	20.44	0.111	20.42	0.110	20.53	0.113
10	64QAM	1	49	20.41	0.110	20.40	0.110	20.37	0.109
10	64QAM	25	0	19.59	0.091	19.51	0.089	19.44	0.088
10	64QAM	25	12	19.48	0.089	19.52	0.090	19.37	0.086
10	64QAM	25	25	19.51	0.089	19.56	0.090	19.30	0.085
10	64QAM	50	0	19.56	0.090	19.36	0.086	19.52	0.090

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.44	0.175	22.50	0.178	22.49	0.177
5	QPSK	1	12	22.38	0.173	22.31	0.170	22.40	0.174
5	QPSK	1	24	22.38	0.173	22.46	0.176	22.32	0.171
5	QPSK	12	0	21.47	0.140	21.59	0.144	21.35	0.136
5	QPSK	12	7	21.42	0.139	21.39	0.138	21.25	0.133
5	QPSK	12	13	21.21	0.132	21.37	0.137	21.24	0.133
5	QPSK	25	0	21.33	0.136	21.36	0.137	21.28	0.134
5	16QAM	1	0	21.54	0.143	21.60	0.145	21.68	0.147
5	16QAM	1	12	21.52	0.142	21.51	0.142	21.52	0.142
5	16QAM	1	24	21.60	0.145	21.63	0.146	21.54	0.143
5	16QAM	12	0	20.41	0.110	20.53	0.113	20.59	0.115
5	16QAM	12	7	20.40	0.110	20.40	0.110	20.27	0.106
5	16QAM	12	13	20.44	0.111	20.40	0.110	20.39	0.109
5	16QAM	25	0	20.34	0.108	20.54	0.113	20.57	0.114
5	64QAM	1	0	20.50	0.112	20.59	0.115	20.59	0.115
5	64QAM	1	12	20.42	0.110	20.43	0.110	20.57	0.114
5	64QAM	1	24	20.60	0.115	20.41	0.110	20.55	0.114
5	64QAM	12	0	19.49	0.089	19.50	0.089	19.47	0.089
5	64QAM	12	7	19.36	0.086	19.63	0.092	19.48	0.089
5	64QAM	12	13	19.42	0.087	19.48	0.089	19.35	0.086
5	64QAM	25	0	19.52	0.090	19.59	0.091	19.33	0.086

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.37	0.173	22.52	0.179	22.51	0.178
3	QPSK	1	8	22.38	0.173	22.32	0.171	22.46	0.176
3	QPSK	1	14	22.39	0.173	22.50	0.178	22.31	0.170
3	QPSK	8	0	21.32	0.136	21.45	0.140	21.49	0.141
3	QPSK	8	4	21.30	0.135	21.36	0.137	21.46	0.140
3	QPSK	8	7	21.24	0.133	21.47	0.140	21.26	0.134
3	QPSK	15	0	21.40	0.138	21.33	0.136	21.29	0.135
3	16QAM	1	0	21.59	0.144	21.68	0.147	21.70	0.148
3	16QAM	1	8	21.44	0.139	21.72	0.149	21.41	0.138
3	16QAM	1	14	21.47	0.140	21.62	0.145	21.50	0.141
3	16QAM	8	0	20.54	0.113	20.49	0.112	20.53	0.113
3	16QAM	8	4	20.48	0.112	20.49	0.112	20.24	0.106
3	16QAM	8	7	20.36	0.109	20.50	0.112	20.48	0.112
3	16QAM	15	0	20.50	0.112	20.48	0.112	20.57	0.114
3	64QAM	1	0	20.50	0.112	20.48	0.112	20.48	0.112
3	64QAM	1	8	20.62	0.115	20.52	0.113	20.59	0.115
3	64QAM	1	14	20.58	0.114	20.50	0.112	20.43	0.110
3	64QAM	8	0	19.54	0.090	19.62	0.092	19.53	0.090
3	64QAM	8	4	19.36	0.086	19.49	0.089	19.36	0.086
3	64QAM	8	7	19.44	0.088	19.31	0.085	19.45	0.088
3	64QAM	15	0	19.52	0.090	19.56	0.090	19.35	0.086

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.40	0.174	22.49	0.177	22.43	0.175
1.4	QPSK	1	3	22.41	0.174	22.35	0.172	22.42	0.175
1.4	QPSK	1	5	22.41	0.174	22.36	0.172	22.36	0.172
1.4	QPSK	3	0	21.41	0.138	21.48	0.141	21.35	0.136
1.4	QPSK	3	1	21.42	0.139	21.46	0.140	21.24	0.133
1.4	QPSK	3	3	21.33	0.136	21.26	0.134	21.31	0.135
1.4	QPSK	6	0	21.35	0.136	21.46	0.140	21.39	0.138
1.4	16QAM	1	0	21.53	0.142	21.59	0.144	21.51	0.142
1.4	16QAM	1	3	21.50	0.141	21.65	0.146	21.56	0.143
1.4	16QAM	1	5	21.50	0.141	21.47	0.140	21.54	0.143
1.4	16QAM	3	0	20.58	0.114	20.53	0.113	20.60	0.115
1.4	16QAM	3	1	20.31	0.107	20.46	0.111	20.41	0.110
1.4	16QAM	3	3	20.53	0.113	20.56	0.114	20.40	0.110
1.4	16QAM	6	0	20.55	0.114	20.47	0.111	20.54	0.113
1.4	64QAM	1	0	20.49	0.112	20.57	0.114	20.45	0.111
1.4	64QAM	1	3	20.44	0.111	20.64	0.116	20.38	0.109
1.4	64QAM	1	5	20.49	0.112	20.49	0.112	20.51	0.112
1.4	64QAM	3	0	19.51	0.089	19.64	0.092	19.58	0.091
1.4	64QAM	3	1	19.51	0.089	19.42	0.087	19.39	0.087
1.4	64QAM	3	3	19.42	0.087	19.53	0.090	19.32	0.086
1.4	64QAM	6	0	19.40	0.087	19.58	0.091	19.47	0.089

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	17.70	0.059	17.81	0.060	17.77	0.060
10	QPSK	1	25	17.55	0.057	17.60	0.058	17.75	0.060
10	QPSK	1	49	17.60	0.058	17.70	0.059	17.52	0.056
10	QPSK	25	0	16.57	0.045	16.70	0.047	16.67	0.046
10	QPSK	25	12	16.63	0.046	16.45	0.044	16.42	0.044
10	QPSK	25	25	16.43	0.044	16.46	0.044	16.48	0.044
10	QPSK	50	0	16.38	0.043	16.65	0.046	16.49	0.045
10	16QAM	1	0	16.79	0.048	16.88	0.049	16.84	0.048
10	16QAM	1	25	16.58	0.045	16.69	0.047	16.78	0.048
10	16QAM	1	49	16.63	0.046	16.61	0.046	16.61	0.046
10	16QAM	25	0	15.69	0.037	15.73	0.037	15.64	0.037
10	16QAM	25	12	15.59	0.036	15.55	0.036	15.46	0.035
10	16QAM	25	25	15.70	0.037	15.62	0.036	15.67	0.037
10	16QAM	50	0	15.56	0.036	15.67	0.037	15.64	0.037
10	64QAM	1	0	15.76	0.038	15.88	0.039	15.74	0.037
10	64QAM	1	25	15.76	0.038	15.77	0.038	15.61	0.036
10	64QAM	1	49	15.72	0.037	15.55	0.036	15.62	0.036
10	64QAM	25	0	14.53	0.028	14.58	0.029	14.57	0.029
10	64QAM	25	12	14.61	0.029	14.74	0.030	14.62	0.029
10	64QAM	25	25	14.63	0.029	14.59	0.029	14.55	0.029
10	64QAM	50	0	14.60	0.029	14.58	0.029	14.67	0.029

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	17.72	0.059	17.77	0.060	17.75	0.060
5	QPSK	1	12	17.49	0.056	17.58	0.057	17.64	0.058
5	QPSK	1	24	17.56	0.057	17.70	0.059	17.63	0.058
5	QPSK	12	0	16.58	0.045	16.65	0.046	16.52	0.045
5	QPSK	12	7	16.46	0.044	16.60	0.046	16.52	0.045
5	QPSK	12	13	16.46	0.044	16.63	0.046	16.35	0.043
5	QPSK	25	0	16.62	0.046	16.58	0.045	16.39	0.044
5	16QAM	1	0	16.88	0.049	16.94	0.049	16.79	0.048
5	16QAM	1	12	16.80	0.048	16.74	0.047	16.72	0.047
5	16QAM	1	24	16.70	0.047	16.64	0.046	16.76	0.047
5	16QAM	12	0	15.71	0.037	15.73	0.037	15.57	0.036
5	16QAM	12	7	15.56	0.036	15.74	0.037	15.45	0.035
5	16QAM	12	13	15.55	0.036	15.73	0.037	15.72	0.037
5	16QAM	25	0	15.71	0.037	15.69	0.037	15.60	0.036
5	64QAM	1	0	15.69	0.037	15.85	0.038	15.58	0.036
5	64QAM	1	12	15.60	0.036	15.80	0.038	15.57	0.036
5	64QAM	1	24	15.56	0.036	15.75	0.038	15.64	0.037
5	64QAM	12	0	14.60	0.029	14.69	0.029	14.56	0.029
5	64QAM	12	7	14.64	0.029	14.76	0.030	14.53	0.028
5	64QAM	12	13	14.48	0.028	14.69	0.029	14.45	0.028
5	64QAM	25	0	14.50	0.028	14.61	0.029	14.48	0.028

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	17.72	0.059	17.76	0.060	17.73	0.059
3	QPSK	1	8	17.60	0.058	17.56	0.057	17.68	0.059
3	QPSK	1	14	17.50	0.056	17.70	0.059	17.51	0.056
3	QPSK	8	0	16.58	0.045	16.64	0.046	16.56	0.045
3	QPSK	8	4	16.63	0.046	16.57	0.045	16.51	0.045
3	QPSK	8	7	16.59	0.046	16.55	0.045	16.60	0.046
3	QPSK	15	0	16.52	0.045	16.50	0.045	16.58	0.045
3	16QAM	1	0	16.69	0.047	16.88	0.049	16.86	0.049
3	16QAM	1	8	16.69	0.047	16.68	0.047	16.71	0.047
3	16QAM	1	14	16.79	0.048	16.72	0.047	16.74	0.047
3	16QAM	8	0	15.73	0.037	15.74	0.037	15.71	0.037
3	16QAM	8	4	15.47	0.035	15.72	0.037	15.46	0.035
3	16QAM	8	7	15.48	0.035	15.57	0.036	15.69	0.037
3	16QAM	15	0	15.70	0.037	15.62	0.036	15.64	0.037
3	64QAM	1	0	15.65	0.037	15.82	0.038	15.72	0.037
3	64QAM	1	8	15.75	0.038	15.81	0.038	15.65	0.037
3	64QAM	1	14	15.73	0.037	15.61	0.036	15.72	0.037
3	64QAM	8	0	14.61	0.029	14.60	0.029	14.65	0.029
3	64QAM	8	4	14.55	0.029	14.64	0.029	14.67	0.029
3	64QAM	8	7	14.71	0.030	14.63	0.029	14.41	0.028
3	64QAM	15	0	14.53	0.028	14.69	0.029	14.61	0.029

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	17.64	0.058	17.74	0.059	17.66	0.058
1.4	QPSK	1	3	17.50	0.056	17.54	0.057	17.59	0.057
1.4	QPSK	1	5	17.40	0.055	17.52	0.056	17.54	0.057
1.4	QPSK	3	0	16.48	0.044	16.64	0.046	16.44	0.044
1.4	QPSK	3	1	16.65	0.046	16.45	0.044	16.50	0.045
1.4	QPSK	3	3	16.38	0.043	16.46	0.044	16.36	0.043
1.4	QPSK	6	0	16.61	0.046	16.57	0.045	16.44	0.044
1.4	16QAM	1	0	16.77	0.048	16.93	0.049	16.86	0.049
1.4	16QAM	1	3	16.77	0.048	16.89	0.049	16.63	0.046
1.4	16QAM	1	5	16.80	0.048	16.69	0.047	16.70	0.047
1.4	16QAM	3	0	15.58	0.036	15.76	0.038	15.68	0.037
1.4	16QAM	3	1	15.56	0.036	15.75	0.038	15.45	0.035
1.4	16QAM	3	3	15.68	0.037	15.63	0.037	15.66	0.037
1.4	16QAM	6	0	15.56	0.036	15.54	0.036	15.52	0.036
1.4	64QAM	1	0	15.61	0.036	15.80	0.038	15.68	0.037
1.4	64QAM	1	3	15.59	0.036	15.79	0.038	15.76	0.038
1.4	64QAM	1	5	15.64	0.037	15.76	0.038	15.72	0.037
1.4	64QAM	3	0	14.53	0.028	14.74	0.030	14.66	0.029
1.4	64QAM	3	1	14.64	0.029	14.58	0.029	14.47	0.028
1.4	64QAM	3	3	14.66	0.029	14.70	0.030	14.46	0.028
1.4	64QAM	6	0	14.60	0.029	14.52	0.028	14.56	0.029

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	20.30	0.107	20.38	0.109	20.55	0.114
20	QPSK	1	49	20.22	0.105	20.23	0.105	20.53	0.113
20	QPSK	1	99	20.20	0.105	20.31	0.107	20.45	0.111
20	QPSK	50	0	19.28	0.085	19.35	0.086	19.50	0.089
20	QPSK	50	24	19.25	0.084	19.22	0.084	19.36	0.086
20	QPSK	50	50	19.12	0.082	19.15	0.082	19.36	0.086
20	QPSK	100	0	19.13	0.082	19.21	0.083	19.39	0.087
20	16QAM	1	0	19.40	0.087	19.49	0.089	19.68	0.093
20	16QAM	1	49	19.27	0.085	19.35	0.086	19.55	0.090
20	16QAM	1	99	19.30	0.085	19.27	0.085	19.57	0.091
20	16QAM	50	0	18.31	0.068	18.37	0.069	18.45	0.070
20	16QAM	50	24	18.35	0.068	18.26	0.067	18.46	0.070
20	16QAM	50	50	18.30	0.068	18.30	0.068	18.41	0.069
20	16QAM	100	0	18.17	0.066	18.29	0.067	18.38	0.069
20	64QAM	1	0	18.44	0.070	18.53	0.071	18.65	0.073
20	64QAM	1	49	18.36	0.069	18.24	0.067	18.60	0.072
20	64QAM	1	99	18.39	0.069	18.31	0.068	18.53	0.071
20	64QAM	50	0	17.27	0.053	17.39	0.055	17.54	0.057
20	64QAM	50	24	17.19	0.052	17.22	0.053	17.50	0.056
20	64QAM	50	50	17.19	0.052	17.25	0.053	17.33	0.054
20	64QAM	100	0	17.29	0.054	17.37	0.055	17.46	0.056

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	20.32	0.108	20.44	0.111	20.52	0.113
15	QPSK	1	37	20.26	0.106	20.36	0.109	20.51	0.112
15	QPSK	1	74	20.25	0.106	20.28	0.107	20.47	0.111
15	QPSK	36	0	19.21	0.083	19.24	0.084	19.38	0.087
15	QPSK	36	20	19.13	0.082	19.11	0.081	19.25	0.084
15	QPSK	36	39	19.13	0.082	19.20	0.083	19.24	0.084
15	QPSK	75	0	19.16	0.082	19.30	0.085	19.34	0.086
15	16QAM	1	0	19.49	0.089	19.39	0.087	19.73	0.094
15	16QAM	1	37	19.41	0.087	19.36	0.086	19.41	0.087
15	16QAM	1	74	19.38	0.087	19.38	0.087	19.46	0.088
15	16QAM	36	0	18.36	0.069	18.39	0.069	18.54	0.071
15	16QAM	36	20	18.37	0.069	18.42	0.070	18.48	0.070
15	16QAM	36	39	18.22	0.066	18.22	0.066	18.45	0.070
15	16QAM	75	0	18.34	0.068	18.34	0.068	18.55	0.072
15	64QAM	1	0	18.37	0.069	18.34	0.068	18.62	0.073
15	64QAM	1	37	18.28	0.067	18.36	0.069	18.52	0.071
15	64QAM	1	74	18.38	0.069	18.35	0.068	18.36	0.069
15	64QAM	36	0	17.24	0.053	17.38	0.055	17.59	0.057
15	64QAM	36	20	17.30	0.054	17.23	0.053	17.42	0.055
15	64QAM	36	39	17.28	0.053	17.26	0.053	17.38	0.055
15	64QAM	75	0	17.22	0.053	17.30	0.054	17.41	0.055

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	20.37	0.109	20.27	0.106	20.53	0.113
10	QPSK	1	25	20.23	0.105	20.35	0.108	20.52	0.113
10	QPSK	1	49	20.17	0.104	20.22	0.105	20.35	0.108
10	QPSK	25	0	19.36	0.086	19.30	0.085	19.39	0.087
10	QPSK	25	12	19.17	0.083	19.11	0.081	19.42	0.087
10	QPSK	25	25	19.22	0.084	19.19	0.083	19.38	0.087
10	QPSK	50	0	19.22	0.084	19.13	0.082	19.31	0.085
10	16QAM	1	0	19.36	0.086	19.39	0.087	19.74	0.094
10	16QAM	1	25	19.36	0.086	19.44	0.088	19.48	0.089
10	16QAM	1	49	19.38	0.087	19.44	0.088	19.54	0.090
10	16QAM	25	0	18.17	0.066	18.22	0.066	18.37	0.069
10	16QAM	25	12	18.16	0.065	18.31	0.068	18.33	0.068
10	16QAM	25	25	18.19	0.066	18.21	0.066	18.30	0.068
10	16QAM	50	0	18.17	0.066	18.18	0.066	18.37	0.069
10	64QAM	1	0	18.41	0.069	18.46	0.070	18.59	0.072
10	64QAM	1	25	18.23	0.067	18.25	0.067	18.50	0.071
10	64QAM	1	49	18.25	0.067	18.25	0.067	18.49	0.071
10	64QAM	25	0	17.41	0.055	17.27	0.053	17.38	0.055
10	64QAM	25	12	17.20	0.052	17.43	0.055	17.30	0.054
10	64QAM	25	25	17.22	0.053	17.17	0.052	17.51	0.056
10	64QAM	50	0	17.32	0.054	17.17	0.052	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				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.26	0.106	20.32	0.108	20.51	0.112
5	QPSK	1	12	20.28	0.107	20.26	0.106	20.44	0.111
5	QPSK	1	24	20.17	0.104	20.42	0.110	20.36	0.109
5	QPSK	12	0	19.34	0.086	19.16	0.082	19.49	0.089
5	QPSK	12	7	19.15	0.082	19.13	0.082	19.24	0.084
5	QPSK	12	13	19.19	0.083	19.23	0.084	19.27	0.085
5	QPSK	25	0	19.12	0.082	19.19	0.083	19.22	0.084
5	16QAM	1	0	19.49	0.089	19.36	0.086	19.51	0.089
5	16QAM	1	12	19.43	0.088	19.53	0.090	19.42	0.087
5	16QAM	1	24	19.38	0.087	19.44	0.088	19.66	0.092
5	16QAM	12	0	18.36	0.069	18.46	0.070	18.49	0.071
5	16QAM	12	7	18.37	0.069	18.25	0.067	18.42	0.070
5	16QAM	12	13	18.31	0.068	18.30	0.068	18.36	0.069
5	16QAM	25	0	18.37	0.069	18.32	0.068	18.36	0.069
5	64QAM	1	0	18.38	0.069	18.46	0.070	18.44	0.070
5	64QAM	1	12	18.42	0.070	18.28	0.067	18.56	0.072
5	64QAM	1	24	18.31	0.068	18.34	0.068	18.47	0.070
5	64QAM	12	0	17.27	0.053	17.43	0.055	17.44	0.055
5	64QAM	12	7	17.21	0.053	17.30	0.054	17.45	0.056
5	64QAM	12	13	17.15	0.052	17.32	0.054	17.51	0.056
5	64QAM	25	0	17.28	0.053	17.33	0.054	17.34	0.054

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	17.48	0.056	17.51	0.056	17.42	0.055
10	QPSK	1	25	17.26	0.053	17.40	0.055	17.33	0.054
10	QPSK	1	49	17.24	0.053	17.36	0.054	17.36	0.054
10	QPSK	25	0	16.42	0.044	16.48	0.044	16.26	0.042
10	QPSK	25	12	16.30	0.043	16.27	0.042	16.20	0.042
10	QPSK	25	25	16.31	0.043	16.33	0.043	16.30	0.043
10	QPSK	50	0	16.37	0.043	16.21	0.042	16.21	0.042
10	16QAM	1	0	16.48	0.044	16.52	0.045	16.58	0.045
10	16QAM	1	25	16.40	0.044	16.52	0.045	16.45	0.044
10	16QAM	1	49	16.54	0.045	16.56	0.045	16.41	0.044
10	16QAM	25	0	15.45	0.035	15.36	0.034	15.40	0.035
10	16QAM	25	12	15.39	0.035	15.45	0.035	15.34	0.034
10	16QAM	25	25	15.44	0.035	15.30	0.034	15.33	0.034
10	16QAM	50	0	15.46	0.035	15.52	0.036	15.43	0.035
10	64QAM	1	0	15.54	0.036	15.44	0.035	15.57	0.036
10	64QAM	1	25	15.45	0.035	15.50	0.035	15.44	0.035
10	64QAM	1	49	15.56	0.036	15.37	0.034	15.34	0.034
10	64QAM	25	0	14.48	0.028	14.56	0.029	14.44	0.028
10	64QAM	25	12	14.38	0.027	14.44	0.028	14.29	0.027
10	64QAM	25	25	14.32	0.027	14.47	0.028	14.33	0.027
10	64QAM	50	0	14.39	0.027	14.33	0.027	14.28	0.027

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	17.46	0.056	17.48	0.056	17.45	0.056
5	QPSK	1	12	17.24	0.053	17.39	0.055	17.30	0.054
5	QPSK	1	24	17.25	0.053	17.44	0.055	17.44	0.055
5	QPSK	12	0	16.35	0.043	16.44	0.044	16.33	0.043
5	QPSK	12	7	16.41	0.044	16.30	0.043	16.40	0.044
5	QPSK	12	13	16.28	0.042	16.23	0.042	16.37	0.043
5	QPSK	25	0	16.40	0.044	16.22	0.042	16.29	0.043
5	16QAM	1	0	16.52	0.045	16.54	0.045	16.49	0.045
5	16QAM	1	12	16.55	0.045	16.59	0.046	16.48	0.044
5	16QAM	1	24	16.50	0.045	16.46	0.044	16.49	0.045
5	16QAM	12	0	15.44	0.035	15.36	0.034	15.38	0.035
5	16QAM	12	7	15.31	0.034	15.41	0.035	15.25	0.033
5	16QAM	12	13	15.27	0.034	15.46	0.035	15.45	0.035
5	16QAM	25	0	15.36	0.034	15.53	0.036	15.31	0.034
5	64QAM	1	0	15.44	0.035	15.48	0.035	15.39	0.035
5	64QAM	1	12	15.47	0.035	15.59	0.036	15.44	0.035
5	64QAM	1	24	15.50	0.035	15.33	0.034	15.40	0.035
5	64QAM	12	0	14.51	0.028	14.52	0.028	14.49	0.028
5	64QAM	12	7	14.27	0.027	14.50	0.028	14.41	0.028
5	64QAM	12	13	14.34	0.027	14.29	0.027	14.30	0.027
5	64QAM	25	0	14.46	0.028	14.44	0.028	14.34	0.027

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	17.29	0.054	17.47	0.056	17.42	0.055
3	QPSK	1	8	17.39	0.055	17.46	0.056	17.31	0.054
3	QPSK	1	14	17.29	0.054	17.42	0.055	17.38	0.055
3	QPSK	8	0	16.37	0.043	16.40	0.044	16.24	0.042
3	QPSK	8	4	16.39	0.044	16.36	0.043	16.22	0.042
3	QPSK	8	7	16.20	0.042	16.34	0.043	16.17	0.041
3	QPSK	15	0	16.33	0.043	16.46	0.044	16.28	0.042
3	16QAM	1	0	16.49	0.045	16.52	0.045	16.52	0.045
3	16QAM	1	8	16.44	0.044	16.61	0.046	16.50	0.045
3	16QAM	1	14	16.58	0.045	16.52	0.045	16.49	0.045
3	16QAM	8	0	15.36	0.034	15.50	0.035	15.42	0.035
3	16QAM	8	4	15.39	0.035	15.51	0.036	15.37	0.034
3	16QAM	8	7	15.48	0.035	15.50	0.035	15.40	0.035
3	16QAM	15	0	15.26	0.034	15.49	0.035	15.45	0.035
3	64QAM	1	0	15.57	0.036	15.49	0.035	15.42	0.035
3	64QAM	1	8	15.34	0.034	15.39	0.035	15.39	0.035
3	64QAM	1	14	15.37	0.034	15.29	0.034	15.38	0.035
3	64QAM	8	0	14.43	0.028	14.49	0.028	14.44	0.028
3	64QAM	8	4	14.43	0.028	14.54	0.028	14.31	0.027
3	64QAM	8	7	14.32	0.027	14.26	0.027	14.32	0.027
3	64QAM	15	0	14.36	0.027	14.48	0.028	14.34	0.027

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	17.43	0.055	17.48	0.056	17.45	0.056
1.4	QPSK	1	3	17.27	0.053	17.31	0.054	17.39	0.055
1.4	QPSK	1	5	17.20	0.052	17.39	0.055	17.37	0.055
1.4	QPSK	3	0	16.44	0.044	16.46	0.044	16.41	0.044
1.4	QPSK	3	1	16.35	0.043	16.34	0.043	16.24	0.042
1.4	QPSK	3	3	16.21	0.042	16.42	0.044	16.29	0.043
1.4	QPSK	6	0	16.24	0.042	16.28	0.042	16.26	0.042
1.4	16QAM	1	0	16.65	0.046	16.54	0.045	16.69	0.047
1.4	16QAM	1	3	16.40	0.044	16.53	0.045	16.54	0.045
1.4	16QAM	1	5	16.47	0.044	16.52	0.045	16.58	0.045
1.4	16QAM	3	0	15.30	0.034	15.56	0.036	15.34	0.034
1.4	16QAM	3	1	15.44	0.035	15.35	0.034	15.33	0.034
1.4	16QAM	3	3	15.35	0.034	15.45	0.035	15.40	0.035
1.4	16QAM	6	0	15.33	0.034	15.31	0.034	15.43	0.035
1.4	64QAM	1	0	15.53	0.036	15.59	0.036	15.60	0.036
1.4	64QAM	1	3	15.51	0.036	15.51	0.036	15.41	0.035
1.4	64QAM	1	5	15.35	0.034	15.30	0.034	15.40	0.035
1.4	64QAM	3	0	14.51	0.028	14.51	0.028	14.39	0.027
1.4	64QAM	3	1	14.46	0.028	14.40	0.028	14.20	0.026
1.4	64QAM	3	3	14.37	0.027	14.34	0.027	14.31	0.027
1.4	64QAM	6	0	14.31	0.027	14.34	0.027	14.39	0.027

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.59	0.046	16.85	0.048	16.74	0.047
15	QPSK	1	37	16.77	0.048	16.99	0.050	17.25	0.053
15	QPSK	1	74	16.87	0.049	17.13	0.052	17.04	0.051
15	QPSK	36	0	15.77	0.038	15.72	0.037	15.95	0.039
15	QPSK	36	20	15.90	0.039	16.04	0.040	16.17	0.041
15	QPSK	36	39	16.09	0.041	16.15	0.041	16.20	0.042
15	QPSK	75	0	15.93	0.039	15.84	0.038	16.22	0.042
15	16QAM	1	0	15.98	0.040	16.31	0.043	16.39	0.044
15	16QAM	1	37	15.89	0.039	16.19	0.042	16.39	0.044
15	16QAM	1	74	16.45	0.044	16.70	0.047	16.52	0.045
15	16QAM	36	0	14.82	0.030	14.94	0.031	15.02	0.032
15	16QAM	36	20	14.92	0.031	15.04	0.032	15.28	0.034
15	16QAM	36	39	15.02	0.032	15.16	0.033	15.32	0.034
15	16QAM	75	0	15.33	0.034	14.97	0.031	15.12	0.033
15	64QAM	1	0	15.82	0.038	16.31	0.043	16.45	0.044
15	64QAM	1	37	16.20	0.042	16.33	0.043	16.02	0.040
15	64QAM	1	74	16.16	0.041	16.40	0.044	16.28	0.042
15	64QAM	36	0	14.80	0.030	15.32	0.034	15.03	0.032
15	64QAM	36	20	15.14	0.033	15.09	0.032	15.29	0.034
15	64QAM	36	39	15.03	0.032	14.96	0.031	15.46	0.035
15	64QAM	75	0	14.86	0.031	15.10	0.032	15.10	0.032

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.26	0.053	17.11	0.051	17.37	0.055
10	QPSK	1	25	16.95	0.050	17.36	0.054	17.45	0.056
10	QPSK	1	49	16.97	0.050	17.26	0.053	17.31	0.054
10	QPSK	25	0	15.97	0.040	16.01	0.040	16.39	0.044
10	QPSK	25	12	16.25	0.042	16.29	0.043	16.29	0.043
10	QPSK	25	25	16.24	0.042	16.14	0.041	16.45	0.044
10	QPSK	50	0	16.04	0.040	16.20	0.042	16.39	0.044
10	16QAM	1	0	16.57	0.045	16.74	0.047	16.90	0.049
10	16QAM	1	25	16.09	0.041	16.24	0.042	16.69	0.047
10	16QAM	1	49	16.42	0.044	16.22	0.042	16.66	0.046
10	16QAM	25	0	14.79	0.030	15.06	0.032	15.58	0.036
10	16QAM	25	12	15.21	0.033	15.31	0.034	15.44	0.035
10	16QAM	25	25	15.04	0.032	15.55	0.036	15.96	0.039
10	16QAM	50	0	15.07	0.032	15.22	0.033	15.73	0.037
10	64QAM	1	0	15.68	0.037	15.80	0.038	16.87	0.049
10	64QAM	1	25	16.11	0.041	16.50	0.045	16.29	0.043
10	64QAM	1	49	16.41	0.044	16.22	0.042	16.39	0.044
10	64QAM	25	0	14.95	0.031	15.10	0.032	15.44	0.035
10	64QAM	25	12	15.29	0.034	15.22	0.033	15.86	0.039
10	64QAM	25	25	15.06	0.032	15.83	0.038	15.40	0.035
10	64QAM	50	0	14.96	0.031	14.99	0.032	15.78	0.038

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.81	0.048	17.67	0.058	17.38	0.055
5	QPSK	1	12	16.86	0.049	17.28	0.053	17.87	0.061
5	QPSK	1	24	16.84	0.048	17.21	0.053	17.39	0.055
5	QPSK	12	0	15.77	0.038	16.16	0.041	16.56	0.045
5	QPSK	12	7	16.08	0.041	16.14	0.041	16.41	0.044
5	QPSK	12	13	15.88	0.039	16.17	0.041	16.44	0.044
5	QPSK	25	0	16.06	0.040	16.21	0.042	16.89	0.049
5	16QAM	1	0	16.08	0.041	16.20	0.042	16.52	0.045
5	16QAM	1	12	15.86	0.039	16.19	0.042	16.31	0.043
5	16QAM	1	24	16.03	0.040	16.25	0.042	16.54	0.045
5	16QAM	12	0	14.93	0.031	15.21	0.033	15.34	0.034
5	16QAM	12	7	14.98	0.031	15.19	0.033	15.91	0.039
5	16QAM	12	13	15.00	0.032	15.74	0.037	15.23	0.033
5	16QAM	25	0	14.90	0.031	15.20	0.033	15.56	0.036
5	64QAM	1	0	15.59	0.036	16.33	0.043	16.30	0.043
5	64QAM	1	12	15.53	0.036	16.25	0.042	16.46	0.044
5	64QAM	1	24	15.76	0.038	16.18	0.041	16.78	0.048
5	64QAM	12	0	14.82	0.030	15.17	0.033	15.48	0.035
5	64QAM	12	7	15.05	0.032	15.39	0.035	15.45	0.035
5	64QAM	12	13	14.81	0.030	15.24	0.033	15.50	0.035
5	64QAM	25	0	14.88	0.031	15.18	0.033	15.43	0.035

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	16.87	0.049	17.10	0.051	17.32	0.054
3	QPSK	1	8	16.63	0.046	17.31	0.054	17.86	0.061
3	QPSK	1	14	16.71	0.047	17.19	0.052	17.38	0.055
3	QPSK	8	0	15.75	0.038	15.99	0.040	16.35	0.043
3	QPSK	8	4	16.06	0.040	16.23	0.042	16.49	0.045
3	QPSK	8	7	15.87	0.039	16.40	0.044	16.49	0.045
3	QPSK	15	0	15.93	0.039	16.43	0.044	16.44	0.044
3	16QAM	1	0	15.91	0.039	16.44	0.044	17.03	0.050
3	16QAM	1	8	16.21	0.042	16.02	0.040	16.49	0.045
3	16QAM	1	14	16.12	0.041	16.45	0.044	16.25	0.042
3	16QAM	8	0	14.79	0.030	15.04	0.032	15.44	0.035
3	16QAM	8	4	15.02	0.032	15.48	0.035	15.55	0.036
3	16QAM	8	7	14.92	0.031	15.78	0.038	15.84	0.038
3	16QAM	15	0	14.47	0.028	15.61	0.036	15.33	0.034
3	64QAM	1	0	16.26	0.042	16.09	0.041	16.27	0.042
3	64QAM	1	8	15.51	0.036	16.25	0.042	16.36	0.043
3	64QAM	1	14	15.90	0.039	16.22	0.042	16.32	0.043
3	64QAM	8	0	14.69	0.029	15.09	0.032	15.43	0.035
3	64QAM	8	4	14.92	0.031	15.20	0.033	15.49	0.035
3	64QAM	8	7	15.17	0.033	15.24	0.033	15.38	0.035
3	64QAM	15	0	14.69	0.029	15.10	0.032	15.39	0.035

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	16.41	0.044	16.98	0.050	17.32	0.054
1.4	QPSK	1	3	16.64	0.046	17.32	0.054	17.35	0.054
1.4	QPSK	1	5	16.77	0.048	17.17	0.052	17.35	0.054
1.4	QPSK	3	0	16.70	0.047	17.19	0.052	17.34	0.054
1.4	QPSK	3	1	16.76	0.047	17.15	0.052	17.36	0.054
1.4	QPSK	3	3	16.65	0.046	17.23	0.053	17.22	0.053
1.4	QPSK	6	0	15.79	0.038	16.13	0.041	16.39	0.044
1.4	16QAM	1	0	16.02	0.040	16.32	0.043	16.50	0.045
1.4	16QAM	1	3	15.80	0.038	16.69	0.047	16.26	0.042
1.4	16QAM	1	5	15.81	0.038	16.18	0.041	16.48	0.044
1.4	16QAM	3	0	15.95	0.039	16.10	0.041	16.39	0.044
1.4	16QAM	3	1	15.96	0.039	16.17	0.041	16.42	0.044
1.4	16QAM	3	3	15.80	0.038	16.59	0.046	16.35	0.043
1.4	16QAM	6	0	14.83	0.030	15.16	0.033	15.43	0.035
1.4	64QAM	1	0	15.79	0.038	16.07	0.040	16.24	0.042
1.4	64QAM	1	3	15.79	0.038	16.16	0.041	16.38	0.043
1.4	64QAM	1	5	16.35	0.043	16.08	0.041	16.61	0.046
1.4	64QAM	3	0	15.63	0.037	16.26	0.042	16.33	0.043
1.4	64QAM	3	1	15.68	0.037	16.11	0.041	16.27	0.042
1.4	64QAM	3	3	15.92	0.039	16.25	0.042	16.27	0.042
1.4	64QAM	6	0	14.82	0.030	15.10	0.032	15.33	0.034

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.68	0.117	20.80	0.120	20.75	0.119
20	QPSK	1	49	20.61	0.115	20.65	0.116	20.59	0.115
20	QPSK	1	99	20.47	0.111	20.60	0.115	20.58	0.114
20	QPSK	50	0	19.53	0.090	19.65	0.092	19.62	0.092
20	QPSK	50	24	19.44	0.088	19.54	0.090	19.62	0.092
20	QPSK	50	50	19.48	0.089	19.48	0.089	19.58	0.091
20	QPSK	100	0	19.40	0.087	19.60	0.091	19.58	0.091
20	16QAM	1	0	19.84	0.096	19.79	0.095	19.84	0.096
20	16QAM	1	49	19.66	0.092	19.88	0.097	19.61	0.091
20	16QAM	1	99	19.64	0.092	19.69	0.093	19.83	0.096
20	16QAM	50	0	18.74	0.075	18.80	0.076	18.70	0.074
20	16QAM	50	24	18.51	0.071	18.78	0.076	18.58	0.072
20	16QAM	50	50	18.62	0.073	18.68	0.074	18.55	0.072
20	16QAM	100	0	18.53	0.071	18.71	0.074	18.66	0.073
20	64QAM	1	0	18.77	0.075	18.82	0.076	18.71	0.074
20	64QAM	1	49	18.63	0.073	18.61	0.073	18.66	0.073
20	64QAM	1	99	18.62	0.073	18.58	0.072	18.51	0.071
20	64QAM	50	0	17.53	0.057	17.70	0.059	17.69	0.059
20	64QAM	50	24	17.46	0.056	17.75	0.060	17.52	0.056
20	64QAM	50	50	17.66	0.058	17.49	0.056	17.51	0.056
20	64QAM	100	0	17.59	0.057	17.52	0.056	17.62	0.058

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.68	0.117	20.77	0.119	20.72	0.118
15	QPSK	1	37	20.45	0.111	20.61	0.115	20.65	0.116
15	QPSK	1	74	20.53	0.113	20.66	0.116	20.57	0.114
15	QPSK	36	0	19.50	0.089	19.68	0.093	19.51	0.089
15	QPSK	36	20	19.48	0.089	19.49	0.089	19.44	0.088
15	QPSK	36	39	19.41	0.087	19.66	0.092	19.43	0.088
15	QPSK	75	0	19.45	0.088	19.67	0.093	19.63	0.092
15	16QAM	1	0	19.67	0.093	19.82	0.096	19.69	0.093
15	16QAM	1	37	19.79	0.095	19.67	0.093	19.63	0.092
15	16QAM	1	74	19.68	0.093	19.63	0.092	19.67	0.093
15	16QAM	36	0	18.75	0.075	18.65	0.073	18.77	0.075
15	16QAM	36	20	18.49	0.071	18.60	0.072	18.51	0.071
15	16QAM	36	39	18.71	0.074	18.67	0.074	18.55	0.072
15	16QAM	75	0	18.66	0.073	18.58	0.072	18.65	0.073
15	64QAM	1	0	18.62	0.073	18.69	0.074	18.61	0.073
15	64QAM	1	37	18.62	0.073	18.59	0.072	18.76	0.075
15	64QAM	1	74	18.63	0.073	18.59	0.072	18.75	0.075
15	64QAM	36	0	17.56	0.057	17.75	0.060	17.64	0.058
15	64QAM	36	20	17.59	0.057	17.61	0.058	17.64	0.058
15	64QAM	36	39	17.56	0.057	17.56	0.057	17.45	0.056
15	64QAM	75	0	17.49	0.056	17.74	0.059	17.66	0.058

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.52	0.113	20.76	0.119	20.73	0.118
10	QPSK	1	25	20.49	0.112	20.72	0.118	20.69	0.117
10	QPSK	1	49	20.43	0.110	20.74	0.119	20.64	0.116
10	QPSK	25	0	19.52	0.090	19.60	0.091	19.62	0.092
10	QPSK	25	12	19.52	0.090	19.48	0.089	19.40	0.087
10	QPSK	25	25	19.52	0.090	19.43	0.088	19.57	0.091
10	QPSK	50	0	19.40	0.087	19.53	0.090	19.52	0.090
10	16QAM	1	0	19.78	0.095	19.84	0.096	19.78	0.095
10	16QAM	1	25	19.70	0.093	19.80	0.095	19.69	0.093
10	16QAM	1	49	19.60	0.091	19.79	0.095	19.79	0.095
10	16QAM	25	0	18.70	0.074	18.57	0.072	18.63	0.073
10	16QAM	25	12	18.59	0.072	18.60	0.072	18.61	0.073
10	16QAM	25	25	18.47	0.070	18.65	0.073	18.64	0.073
10	16QAM	50	0	18.52	0.071	18.67	0.074	18.65	0.073
10	64QAM	1	0	18.72	0.074	18.73	0.075	18.60	0.072
10	64QAM	1	25	18.79	0.076	18.71	0.074	18.58	0.072
10	64QAM	1	49	18.57	0.072	18.58	0.072	18.51	0.071
10	64QAM	25	0	17.72	0.059	17.60	0.058	17.55	0.057
10	64QAM	25	12	17.62	0.058	17.76	0.060	17.44	0.055
10	64QAM	25	25	17.57	0.057	17.50	0.056	17.53	0.057
10	64QAM	50	0	17.58	0.057	17.73	0.059	17.61	0.058

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.54	0.113	20.73	0.118	20.68	0.117
5	QPSK	1	12	20.45	0.111	20.67	0.117	20.54	0.113
5	QPSK	1	24	20.48	0.112	20.62	0.115	20.52	0.113
5	QPSK	12	0	19.73	0.094	19.52	0.090	19.65	0.092
5	QPSK	12	7	19.44	0.088	19.56	0.090	19.57	0.091
5	QPSK	12	13	19.54	0.090	19.53	0.090	19.49	0.089
5	QPSK	25	0	19.44	0.088	19.69	0.093	19.61	0.091
5	16QAM	1	0	19.68	0.093	19.79	0.095	19.77	0.095
5	16QAM	1	12	19.59	0.091	19.84	0.096	19.55	0.090
5	16QAM	1	24	19.72	0.094	19.82	0.096	19.79	0.095
5	16QAM	12	0	18.78	0.076	18.65	0.073	18.66	0.073
5	16QAM	12	7	18.57	0.072	18.59	0.072	18.63	0.073
5	16QAM	12	13	18.52	0.071	18.75	0.075	18.72	0.074
5	16QAM	25	0	18.53	0.071	18.78	0.076	18.53	0.071
5	64QAM	1	0	18.69	0.074	18.86	0.077	18.77	0.075
5	64QAM	1	12	18.74	0.075	18.82	0.076	18.68	0.074
5	64QAM	1	24	18.65	0.073	18.72	0.074	18.63	0.073
5	64QAM	12	0	17.78	0.060	17.73	0.059	17.62	0.058
5	64QAM	12	7	17.49	0.056	17.76	0.060	17.68	0.059
5	64QAM	12	13	17.65	0.058	17.64	0.058	17.53	0.057
5	64QAM	25	0	17.58	0.057	17.57	0.057	17.61	0.058

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	17.20	0.052	/	/
10	QPSK	1	25	/	/	17.15	0.052	/	/
10	QPSK	1	49	/	/	17.09	0.051	/	/
10	QPSK	25	0	/	/	16.11	0.041	/	/
10	QPSK	25	12	/	/	16.03	0.040	/	/
10	QPSK	25	25	/	/	15.95	0.039	/	/
10	QPSK	50	0	/	/	16.01	0.040	/	/
10	16QAM	1	0	/	/	16.25	0.042	/	/
10	16QAM	1	25	/	/	16.16	0.041	/	/
10	16QAM	1	49	/	/	16.06	0.040	/	/
10	16QAM	25	0	/	/	15.08	0.032	/	/
10	16QAM	25	12	/	/	15.00	0.032	/	/
10	16QAM	25	25	/	/	14.98	0.031	/	/
10	16QAM	50	0	/	/	15.02	0.032	/	/
10	64QAM	1	0	/	/	15.24	0.033	/	/
10	64QAM	1	25	/	/	15.17	0.033	/	/
10	64QAM	1	49	/	/	15.13	0.033	/	/
10	64QAM	25	0	/	/	14.14	0.026	/	/
10	64QAM	25	12	/	/	14.07	0.026	/	/
10	64QAM	25	25	/	/	14.02	0.025	/	/
10	64QAM	50	0	/	/	14.06	0.025	/	/

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.05	0.051	17.12	0.052	17.04	0.051
5	QPSK	1	12	16.94	0.049	16.95	0.050	16.78	0.048
5	QPSK	1	24	16.87	0.049	17.05	0.051	16.88	0.049
5	QPSK	12	0	15.79	0.038	15.81	0.038	15.97	0.040
5	QPSK	12	7	15.87	0.039	15.77	0.038	15.69	0.037
5	QPSK	12	13	15.85	0.038	15.87	0.039	15.87	0.039
5	QPSK	25	0	15.73	0.037	15.76	0.038	15.87	0.039
5	16QAM	1	0	16.01	0.040	16.22	0.042	16.11	0.041
5	16QAM	1	12	16.00	0.040	15.93	0.039	15.95	0.039
5	16QAM	1	24	15.87	0.039	15.92	0.039	16.07	0.040
5	16QAM	12	0	14.90	0.031	15.02	0.032	14.85	0.031
5	16QAM	12	7	15.00	0.032	14.95	0.031	14.91	0.031
5	16QAM	12	13	14.84	0.030	14.95	0.031	14.84	0.030
5	16QAM	25	0	14.91	0.031	14.84	0.030	14.84	0.030
5	64QAM	1	0	14.92	0.031	15.00	0.032	14.96	0.031
5	64QAM	1	12	14.96	0.031	14.94	0.031	14.87	0.031
5	64QAM	1	24	15.09	0.032	14.98	0.031	15.00	0.032
5	64QAM	12	0	13.99	0.025	13.97	0.025	13.82	0.024
5	64QAM	12	7	13.89	0.024	13.91	0.025	13.92	0.025
5	64QAM	12	13	13.74	0.024	13.79	0.024	13.75	0.024
5	64QAM	25	0	13.79	0.024	14.00	0.025	13.81	0.024

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	17.42	0.055	/	/
10	QPSK	1	25	/	/	17.35	0.054	/	/
10	QPSK	1	49	/	/	17.31	0.054	/	/
10	QPSK	25	0	/	/	16.34	0.043	/	/
10	QPSK	25	12	/	/	16.26	0.042	/	/
10	QPSK	25	25	/	/	16.15	0.041	/	/
10	QPSK	50	0	/	/	16.20	0.042	/	/
10	16QAM	1	0	/	/	16.44	0.044	/	/
10	16QAM	1	25	/	/	16.36	0.043	/	/
10	16QAM	1	49	/	/	16.34	0.043	/	/
10	16QAM	25	0	/	/	15.29	0.034	/	/
10	16QAM	25	12	/	/	15.26	0.034	/	/
10	16QAM	25	25	/	/	15.18	0.033	/	/
10	16QAM	50	0	/	/	15.22	0.033	/	/
10	64QAM	1	0	/	/	15.40	0.035	/	/
10	64QAM	1	25	/	/	15.27	0.034	/	/
10	64QAM	1	49	/	/	15.33	0.034	/	/
10	64QAM	25	0	/	/	14.35	0.027	/	/
10	64QAM	25	12	/	/	14.27	0.027	/	/
10	64QAM	25	25	/	/	14.32	0.027	/	/
10	64QAM	50	0	/	/	14.28	0.027	/	/

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.27	0.053	17.35	0.054	17.30	0.054
5	QPSK	1	12	17.16	0.052	17.27	0.053	17.26	0.053
5	QPSK	1	24	17.25	0.053	17.21	0.053	17.23	0.053
5	QPSK	12	0	16.30	0.043	16.33	0.043	16.28	0.042
5	QPSK	12	7	16.19	0.042	16.22	0.042	16.19	0.042
5	QPSK	12	13	16.13	0.041	16.27	0.042	16.13	0.041
5	QPSK	25	0	16.09	0.041	16.28	0.042	16.14	0.041
5	16QAM	1	0	16.55	0.045	16.42	0.044	16.56	0.045
5	16QAM	1	12	16.44	0.044	16.50	0.045	16.36	0.043
5	16QAM	1	24	16.44	0.044	16.40	0.044	16.48	0.044
5	16QAM	12	0	15.24	0.033	15.32	0.034	15.43	0.035
5	16QAM	12	7	15.19	0.033	15.42	0.035	15.23	0.033
5	16QAM	12	13	15.19	0.033	15.36	0.034	15.24	0.033
5	16QAM	25	0	15.20	0.033	15.33	0.034	15.30	0.034
5	64QAM	1	0	15.44	0.035	15.31	0.034	15.33	0.034
5	64QAM	1	12	15.37	0.034	15.46	0.035	15.22	0.033
5	64QAM	1	24	15.46	0.035	15.38	0.035	15.34	0.034
5	64QAM	12	0	14.41	0.028	14.46	0.028	14.29	0.027
5	64QAM	12	7	14.30	0.027	14.44	0.028	14.23	0.026
5	64QAM	12	13	14.35	0.027	14.33	0.027	14.23	0.026
5	64QAM	25	0	14.25	0.027	14.37	0.027	14.20	0.026

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.76	0.119	21.02	0.126	20.88	0.122
20	QPSK	1	49	20.67	0.117	20.85	0.122	20.70	0.117
20	QPSK	1	99	20.58	0.114	20.83	0.121	20.64	0.116
20	QPSK	50	0	19.76	0.095	20.00	0.100	19.79	0.095
20	QPSK	50	24	19.62	0.092	19.92	0.098	19.68	0.093
20	QPSK	50	50	19.71	0.094	19.80	0.095	19.70	0.093
20	QPSK	100	0	19.65	0.092	19.85	0.097	19.48	0.089
20	16QAM	1	0	19.82	0.096	20.12	0.103	19.78	0.095
20	16QAM	1	49	19.75	0.094	20.08	0.102	19.88	0.097
20	16QAM	1	99	19.78	0.095	20.02	0.100	19.69	0.093
20	16QAM	50	0	18.79	0.076	19.09	0.081	18.73	0.075
20	16QAM	50	24	18.69	0.074	18.90	0.078	18.72	0.074
20	16QAM	50	50	18.66	0.073	18.93	0.078	18.74	0.075
20	16QAM	100	0	18.89	0.077	19.01	0.080	18.80	0.076
20	64QAM	1	0	18.96	0.079	19.14	0.082	18.91	0.078
20	64QAM	1	49	18.72	0.074	19.00	0.079	18.90	0.078
20	64QAM	1	99	18.81	0.076	19.01	0.080	18.84	0.077
20	64QAM	50	0	17.91	0.062	17.95	0.062	17.77	0.060
20	64QAM	50	24	17.60	0.058	17.94	0.062	17.78	0.060
20	64QAM	50	50	17.69	0.059	17.91	0.062	17.76	0.060
20	64QAM	100	0	17.82	0.061	18.04	0.064	17.78	0.060

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.84	0.121	20.99	0.126	20.89	0.123
15	QPSK	1	37	20.79	0.120	20.91	0.123	20.66	0.116
15	QPSK	1	74	20.66	0.116	20.95	0.124	20.67	0.117
15	QPSK	36	0	19.70	0.093	19.90	0.098	19.66	0.092
15	QPSK	36	20	19.65	0.092	19.82	0.096	19.72	0.094
15	QPSK	36	39	19.55	0.090	19.83	0.096	19.64	0.092
15	QPSK	75	0	19.74	0.094	19.94	0.099	19.70	0.093
15	16QAM	1	0	19.99	0.100	20.14	0.103	19.81	0.096
15	16QAM	1	37	19.94	0.099	20.05	0.101	19.80	0.095
15	16QAM	1	74	19.92	0.098	20.12	0.103	19.80	0.095
15	16QAM	36	0	18.91	0.078	19.08	0.081	18.87	0.077
15	16QAM	36	20	18.83	0.076	18.96	0.079	18.65	0.073
15	16QAM	36	39	18.80	0.076	19.04	0.080	18.69	0.074
15	16QAM	75	0	18.85	0.077	19.07	0.081	18.75	0.075
15	64QAM	1	0	18.93	0.078	19.11	0.081	18.71	0.074
15	64QAM	1	37	18.79	0.076	19.16	0.082	18.84	0.077
15	64QAM	1	74	18.73	0.075	18.98	0.079	18.67	0.074
15	64QAM	36	0	17.80	0.060	18.08	0.064	17.77	0.060
15	64QAM	36	20	17.75	0.060	18.07	0.064	17.75	0.060
15	64QAM	36	39	17.87	0.061	17.94	0.062	17.65	0.058
15	64QAM	75	0	17.66	0.058	18.08	0.064	17.60	0.058

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.79	0.120	20.98	0.125	20.86	0.122
10	QPSK	1	25	20.63	0.116	20.85	0.122	20.77	0.119
10	QPSK	1	49	20.62	0.115	20.96	0.125	20.78	0.120
10	QPSK	25	0	19.68	0.093	20.02	0.100	19.58	0.091
10	QPSK	25	12	19.69	0.093	19.96	0.099	19.70	0.093
10	QPSK	25	25	19.57	0.091	19.81	0.096	19.67	0.093
10	QPSK	50	0	19.77	0.095	20.02	0.100	19.71	0.094
10	16QAM	1	0	19.87	0.097	20.13	0.103	20.01	0.100
10	16QAM	1	25	19.94	0.099	20.10	0.102	19.71	0.094
10	16QAM	1	49	19.83	0.096	20.03	0.101	19.84	0.096
10	16QAM	25	0	18.82	0.076	19.08	0.081	18.86	0.077
10	16QAM	25	12	18.74	0.075	19.03	0.080	18.65	0.073
10	16QAM	25	25	18.64	0.073	19.03	0.080	18.66	0.073
10	16QAM	50	0	18.81	0.076	18.94	0.078	18.75	0.075
10	64QAM	1	0	19.02	0.080	19.13	0.082	18.75	0.075
10	64QAM	1	25	17.78	0.060	19.09	0.081	18.75	0.075
10	64QAM	1	49	18.91	0.078	19.05	0.080	18.81	0.076
10	64QAM	25	0	17.85	0.061	18.08	0.064	17.76	0.060
10	64QAM	25	12	17.74	0.059	17.84	0.061	17.71	0.059
10	64QAM	25	25	17.66	0.058	18.01	0.063	17.75	0.060
10	64QAM	50	0	17.70	0.059	17.97	0.063	17.66	0.058

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.84	0.121	20.97	0.125	20.80	0.120
5	QPSK	1	12	20.78	0.120	20.97	0.125	20.79	0.120
5	QPSK	1	24	20.69	0.117	20.91	0.123	20.73	0.118
5	QPSK	12	0	19.67	0.093	20.08	0.102	19.74	0.094
5	QPSK	12	7	19.67	0.093	19.95	0.099	19.64	0.092
5	QPSK	12	13	19.66	0.092	19.94	0.099	19.63	0.092
5	QPSK	25	0	19.63	0.092	19.94	0.099	19.65	0.092
5	16QAM	1	0	20.00	0.100	20.09	0.102	19.88	0.097
5	16QAM	1	12	19.73	0.094	20.03	0.101	19.64	0.092
5	16QAM	1	24	19.84	0.096	19.97	0.099	19.75	0.094
5	16QAM	12	0	18.82	0.076	19.03	0.080	18.78	0.076
5	16QAM	12	7	18.67	0.074	18.97	0.079	18.70	0.074
5	16QAM	12	13	18.85	0.077	18.97	0.079	18.73	0.075
5	16QAM	25	0	18.65	0.073	19.00	0.079	18.81	0.076
5	64QAM	1	0	18.89	0.077	19.07	0.081	18.85	0.077
5	64QAM	1	12	18.93	0.078	19.00	0.079	18.77	0.075
5	64QAM	1	24	18.83	0.076	18.92	0.078	18.65	0.073
5	64QAM	12	0	17.91	0.062	17.94	0.062	17.72	0.059
5	64QAM	12	7	17.67	0.058	18.08	0.064	17.72	0.059
5	64QAM	12	13	17.87	0.061	17.87	0.061	17.74	0.059
5	64QAM	25	0	17.72	0.059	18.09	0.064	17.69	0.059

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.59	0.182	22.66	0.185	22.64	0.184
20	QPSK	1	49	22.42	0.175	22.60	0.182	22.52	0.179
20	QPSK	1	99	22.40	0.174	22.55	0.180	22.43	0.175
20	QPSK	50	0	21.53	0.142	21.61	0.145	21.56	0.143
20	QPSK	50	24	21.48	0.141	21.46	0.140	21.49	0.141
20	QPSK	50	50	21.43	0.139	21.36	0.137	21.51	0.142
20	QPSK	100	0	21.42	0.139	21.48	0.141	21.41	0.138
20	16QAM	1	0	21.84	0.153	21.82	0.152	21.73	0.149
20	16QAM	1	49	21.69	0.148	21.75	0.150	21.69	0.148
20	16QAM	1	99	21.66	0.147	21.79	0.151	21.58	0.144
20	16QAM	50	0	20.63	0.116	20.67	0.117	20.56	0.114
20	16QAM	50	24	20.68	0.117	20.55	0.114	20.53	0.113
20	16QAM	50	50	20.59	0.115	20.60	0.115	20.69	0.117
20	16QAM	100	0	20.55	0.114	20.64	0.116	20.52	0.113
20	64QAM	1	0	20.75	0.119	20.83	0.121	20.78	0.120
20	64QAM	1	49	20.51	0.112	20.62	0.115	20.52	0.113
20	64QAM	1	99	20.55	0.114	20.61	0.115	20.56	0.114
20	64QAM	50	0	19.57	0.091	19.66	0.092	19.73	0.094
20	64QAM	50	24	19.50	0.089	19.69	0.093	19.50	0.089
20	64QAM	50	50	19.62	0.092	19.60	0.091	19.45	0.088
20	64QAM	100	0	19.47	0.089	19.57	0.091	19.56	0.090

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.53	0.179	22.64	0.184	22.59	0.182
15	QPSK	1	37	22.44	0.175	22.54	0.179	22.55	0.180
15	QPSK	1	74	22.50	0.178	22.56	0.180	22.50	0.178
15	QPSK	36	0	21.57	0.144	21.60	0.145	21.61	0.145
15	QPSK	36	20	21.52	0.142	21.60	0.145	21.49	0.141
15	QPSK	36	39	21.57	0.144	21.38	0.137	21.37	0.137
15	QPSK	75	0	21.53	0.142	21.57	0.144	21.37	0.137
15	16QAM	1	0	21.65	0.146	21.88	0.154	21.67	0.147
15	16QAM	1	37	21.63	0.146	21.70	0.148	21.66	0.147
15	16QAM	1	74	21.58	0.144	21.66	0.147	21.61	0.145
15	16QAM	36	0	20.51	0.112	20.56	0.114	20.56	0.114
15	16QAM	36	20	20.68	0.117	20.58	0.114	20.44	0.111
15	16QAM	36	39	20.56	0.114	20.59	0.115	20.65	0.116
15	16QAM	75	0	20.66	0.116	20.56	0.114	20.50	0.112
15	64QAM	1	0	20.66	0.116	20.71	0.118	20.78	0.120
15	64QAM	1	37	20.51	0.112	20.74	0.119	20.70	0.117
15	64QAM	1	74	20.56	0.114	20.47	0.111	20.49	0.112
15	64QAM	36	0	19.66	0.092	19.68	0.093	19.70	0.093
15	64QAM	36	20	19.42	0.087	19.66	0.092	19.47	0.089
15	64QAM	36	39	19.64	0.092	19.44	0.088	19.45	0.088
15	64QAM	75	0	19.62	0.092	19.52	0.090	19.60	0.091

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.54	0.179	22.61	0.182	22.56	0.180
10	QPSK	1	25	22.42	0.175	22.46	0.176	22.47	0.177
10	QPSK	1	49	22.57	0.181	22.54	0.179	22.53	0.179
10	QPSK	25	0	21.45	0.140	21.65	0.146	21.55	0.143
10	QPSK	25	12	21.57	0.144	21.41	0.138	21.34	0.136
10	QPSK	25	25	21.34	0.136	21.61	0.145	21.35	0.136
10	QPSK	50	0	21.42	0.139	21.53	0.142	21.56	0.143
10	16QAM	1	0	21.64	0.146	21.75	0.150	21.79	0.151
10	16QAM	1	25	21.51	0.142	21.79	0.151	21.59	0.144
10	16QAM	1	49	21.62	0.145	21.72	0.149	21.75	0.150
10	16QAM	25	0	20.50	0.112	20.69	0.117	20.55	0.114
10	16QAM	25	12	20.56	0.114	20.71	0.118	20.56	0.114
10	16QAM	25	25	20.63	0.116	20.58	0.114	20.51	0.112
10	16QAM	50	0	20.46	0.111	20.61	0.115	20.57	0.114
10	64QAM	1	0	20.78	0.120	20.61	0.115	20.59	0.115
10	64QAM	1	25	20.64	0.116	20.68	0.117	20.56	0.114
10	64QAM	1	49	20.75	0.119	20.57	0.114	20.62	0.115
10	64QAM	25	0	19.49	0.089	19.61	0.091	19.68	0.093
10	64QAM	25	12	19.50	0.089	19.60	0.091	19.48	0.089
10	64QAM	25	25	19.53	0.090	19.58	0.091	19.50	0.089
10	64QAM	50	0	19.47	0.089	19.53	0.090	19.57	0.091

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.55	0.180	22.62	0.183	22.59	0.182
5	QPSK	1	12	22.41	0.174	22.60	0.182	22.53	0.179
5	QPSK	1	24	22.40	0.174	22.50	0.178	22.52	0.179
5	QPSK	12	0	21.59	0.144	21.61	0.145	21.58	0.144
5	QPSK	12	7	21.49	0.141	21.57	0.144	21.50	0.141
5	QPSK	12	13	21.38	0.137	21.37	0.137	21.53	0.142
5	QPSK	25	0	21.59	0.144	21.40	0.138	21.46	0.140
5	16QAM	1	0	21.66	0.147	21.92	0.156	21.69	0.148
5	16QAM	1	12	21.55	0.143	21.68	0.147	21.65	0.146
5	16QAM	1	24	21.68	0.147	21.72	0.149	21.74	0.149
5	16QAM	12	0	20.57	0.114	20.68	0.117	20.66	0.116
5	16QAM	12	7	20.58	0.114	20.57	0.114	20.49	0.112
5	16QAM	12	13	20.50	0.112	20.53	0.113	20.51	0.112
5	16QAM	25	0	20.55	0.114	20.57	0.114	20.52	0.113
5	64QAM	1	0	20.65	0.116	20.83	0.121	20.71	0.118
5	64QAM	1	12	20.57	0.114	20.75	0.119	20.71	0.118
5	64QAM	1	24	20.53	0.113	20.52	0.113	20.58	0.114
5	64QAM	12	0	19.53	0.090	19.61	0.091	19.50	0.089
5	64QAM	12	7	19.46	0.088	19.52	0.090	19.52	0.090
5	64QAM	12	13	19.49	0.089	19.62	0.092	19.53	0.090
5	64QAM	25	0	19.64	0.092	19.62	0.092	19.48	0.089

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.53	0.179	22.59	0.182	22.54	0.179
3	QPSK	1	8	22.47	0.177	22.52	0.179	22.51	0.178
3	QPSK	1	14	22.37	0.173	22.46	0.176	22.49	0.177
3	QPSK	8	0	21.64	0.146	21.59	0.144	21.63	0.146
3	QPSK	8	4	21.40	0.138	21.54	0.143	21.44	0.139
3	QPSK	8	7	21.44	0.139	21.58	0.144	21.53	0.142
3	QPSK	15	0	21.45	0.140	21.42	0.139	21.45	0.140
3	16QAM	1	0	21.69	0.148	21.81	0.152	21.75	0.150
3	16QAM	1	8	21.71	0.148	21.61	0.145	21.50	0.141
3	16QAM	1	14	21.57	0.144	21.69	0.148	21.58	0.144
3	16QAM	8	0	20.59	0.115	20.56	0.114	20.52	0.113
3	16QAM	8	4	20.64	0.116	20.73	0.118	20.52	0.113
3	16QAM	8	7	20.59	0.115	20.66	0.116	20.61	0.115
3	16QAM	15	0	20.60	0.115	20.70	0.117	20.51	0.112
3	64QAM	1	0	20.67	0.117	20.61	0.115	20.69	0.117
3	64QAM	1	8	20.49	0.112	20.60	0.115	20.50	0.112
3	64QAM	1	14	20.56	0.114	20.72	0.118	20.52	0.113
3	64QAM	8	0	19.62	0.092	19.70	0.093	19.58	0.091
3	64QAM	8	4	19.64	0.092	19.58	0.091	19.43	0.088
3	64QAM	8	7	19.50	0.089	19.48	0.089	19.49	0.089
3	64QAM	15	0	19.52	0.090	19.57	0.091	19.59	0.091

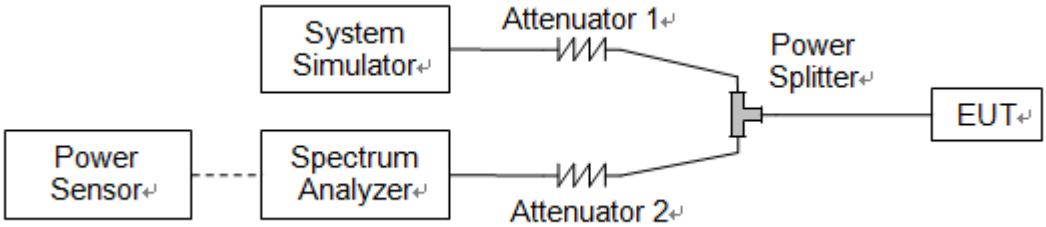
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.53	0.179	22.60	0.182	22.57	0.181
1.4	QPSK	1	3	22.35	0.172	22.50	0.178	22.55	0.180
1.4	QPSK	1	5	22.52	0.179	22.55	0.180	22.43	0.175
1.4	QPSK	3	0	21.53	0.142	21.71	0.148	21.50	0.141
1.4	QPSK	3	1	21.55	0.143	21.59	0.144	21.43	0.139
1.4	QPSK	3	3	21.52	0.142	21.47	0.140	21.41	0.138
1.4	QPSK	6	0	21.56	0.143	21.45	0.140	21.56	0.143
1.4	16QAM	1	0	21.64	0.146	21.68	0.147	21.83	0.152
1.4	16QAM	1	3	21.63	0.146	21.63	0.146	21.56	0.143
1.4	16QAM	1	5	21.79	0.151	21.58	0.144	21.64	0.146
1.4	16QAM	3	0	20.71	0.118	20.54	0.113	20.71	0.118
1.4	16QAM	3	1	20.45	0.111	20.72	0.118	20.40	0.110
1.4	16QAM	3	3	20.49	0.112	20.61	0.115	20.52	0.113
1.4	16QAM	6	0	20.51	0.112	20.71	0.118	20.63	0.116
1.4	64QAM	1	0	20.58	0.114	20.80	0.120	20.74	0.119
1.4	64QAM	1	3	20.63	0.116	20.62	0.115	20.67	0.117
1.4	64QAM	1	5	20.62	0.115	20.61	0.115	20.48	0.112
1.4	64QAM	3	0	19.56	0.090	19.61	0.091	19.53	0.090
1.4	64QAM	3	1	19.47	0.089	19.55	0.090	19.41	0.087
1.4	64QAM	3	3	19.60	0.091	19.65	0.092	19.43	0.088
1.4	64QAM	6	0	19.46	0.088	19.63	0.092	19.47	0.089

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



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

2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

2.2.4. Test Result

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.1024	1.3440	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1077	1.3396	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1032	1.3464	PASS
B2	1.4	Mid	18900	1880	QPSK	1.1016	1.3418	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1084	1.3494	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1008	1.3307	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0992	1.3673	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1093	1.3358	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1070	1.3835	PASS
B2	3	Low	18615	1851.5	QPSK	2.7127	3.0219	PASS
B2	3	Low	18615	1851.5	16QAM	2.7127	3.0772	PASS
B2	3	Low	18615	1851.5	64QAM	2.7102	3.0670	PASS
B2	3	Mid	18900	1880	QPSK	2.7145	3.0726	PASS
B2	3	Mid	18900	1880	16QAM	2.7071	3.0836	PASS
B2	3	Mid	18900	1880	64QAM	2.7180	3.0849	PASS
B2	3	High	19185	1908.5	QPSK	2.7158	3.0727	PASS
B2	3	High	19185	1908.5	16QAM	2.7109	3.0791	PASS
B2	3	High	19185	1908.5	64QAM	2.7102	3.0451	PASS
B2	5	Low	18625	1852.5	QPSK	4.5160	5.1492	PASS
B2	5	Low	18625	1852.5	16QAM	4.5290	5.0417	PASS
B2	5	Low	18625	1852.5	64QAM	4.5093	5.0620	PASS
B2	5	Mid	18900	1880	QPSK	4.5083	5.1410	PASS
B2	5	Mid	18900	1880	16QAM	4.5249	5.1366	PASS
B2	5	Mid	18900	1880	64QAM	4.5123	5.1104	PASS
B2	5	High	19175	1907.5	QPSK	4.5288	5.1162	PASS
B2	5	High	19175	1907.5	16QAM	4.5217	5.1377	PASS
B2	5	High	19175	1907.5	64QAM	4.5236	5.1327	PASS
B2	10	Low	18650	1855	QPSK	9.0326	10.1033	PASS
B2	10	Low	18650	1855	16QAM	9.0549	10.0453	PASS
B2	10	Low	18650	1855	64QAM	9.0152	10.0704	PASS
B2	10	Mid	18900	1880	QPSK	9.0337	10.0222	PASS
B2	10	Mid	18900	1880	16QAM	9.0326	10.0614	PASS
B2	10	Mid	18900	1880	64QAM	9.0168	9.9752	PASS
B2	10	High	19150	1905	QPSK	9.0285	10.1411	PASS
B2	10	High	19150	1905	16QAM	9.0077	10.0319	PASS

B2	10	High	19150	1905	64QAM	9.0110	9.9405	PASS
B2	15	Low	18675	1857.5	QPSK	13.537	15.004	PASS
B2	15	Low	18675	1857.5	16QAM	13.529	15.079	PASS
B2	15	Low	18675	1857.5	64QAM	13.538	15.027	PASS
B2	15	Mid	18900	1880	QPSK	13.477	14.887	PASS
B2	15	Mid	18900	1880	16QAM	13.523	14.810	PASS
B2	15	Mid	18900	1880	64QAM	13.500	14.881	PASS
B2	15	High	19125	1902.5	QPSK	13.476	15.023	PASS
B2	15	High	19125	1902.5	16QAM	13.491	14.720	PASS
B2	15	High	19125	1902.5	64QAM	13.450	14.911	PASS
B2	20	Low	18700	1860	QPSK	18.075	20.065	PASS
B2	20	Low	18700	1860	16QAM	18.062	19.880	PASS
B2	20	Low	18700	1860	64QAM	18.087	19.865	PASS
B2	20	Mid	18900	1880	QPSK	18.012	19.750	PASS
B2	20	Mid	18900	1880	16QAM	17.983	19.833	PASS
B2	20	Mid	18900	1880	64QAM	17.997	19.703	PASS
B2	20	High	19100	1900	QPSK	17.927	19.720	PASS
B2	20	High	19100	1900	16QAM	17.964	19.831	PASS
B2	20	High	19100	1900	64QAM	17.935	19.857	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.1030	1.3681	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1115	1.3727	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1044	1.3421	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.1027	1.3447	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0995	1.3494	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1047	1.3777	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1011	1.3376	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1143	1.3673	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1094	1.3861	PASS
B4	3	Low	19965	1711.5	QPSK	2.7161	3.0245	PASS
B4	3	Low	19965	1711.5	16QAM	2.7107	3.0332	PASS
B4	3	Low	19965	1711.5	64QAM	2.7158	3.0893	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7211	3.0497	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7090	3.0805	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7155	3.0360	PASS
B4	3	High	20385	1753.5	QPSK	2.7047	3.0484	PASS
B4	3	High	20385	1753.5	16QAM	2.7052	3.0319	PASS
B4	3	High	20385	1753.5	64QAM	2.7122	3.0455	PASS
B4	5	Low	19975	1712.5	QPSK	4.5222	5.1568	PASS

B4	5	Low	19975	1712.5	16QAM	4.5155	5.1131	PASS
B4	5	Low	19975	1712.5	64QAM	4.5166	5.1350	PASS
B4	5	Mid	20175	1732.5	QPSK	4.5183	5.1600	PASS
B4	5	Mid	20175	1732.5	16QAM	4.5093	5.0947	PASS
B4	5	Mid	20175	1732.5	64QAM	4.5231	5.1625	PASS
B4	5	High	20375	1752.5	QPSK	4.5234	5.1954	PASS
B4	5	High	20375	1752.5	16QAM	4.5009	5.2174	PASS
B4	5	High	20375	1752.5	64QAM	4.5216	5.1127	PASS
B4	10	Low	20000	1715	QPSK	9.0129	10.1384	PASS
B4	10	Low	20000	1715	16QAM	8.9879	9.9743	PASS
B4	10	Low	20000	1715	64QAM	9.0227	10.0109	PASS
B4	10	Mid	20175	1732.5	QPSK	9.0264	10.0776	PASS
B4	10	Mid	20175	1732.5	16QAM	9.0156	10.1066	PASS
B4	10	Mid	20175	1732.5	64QAM	9.0107	10.0091	PASS
B4	10	High	20350	1750	QPSK	9.0257	10.1007	PASS
B4	10	High	20350	1750	16QAM	9.0165	10.0592	PASS
B4	10	High	20350	1750	64QAM	9.0036	9.9852	PASS
B4	15	Low	20025	1717.5	QPSK	13.477	14.908	PASS
B4	15	Low	20025	1717.5	16QAM	13.510	14.815	PASS
B4	15	Low	20025	1717.5	64QAM	13.512	14.833	PASS
B4	15	Mid	20175	1732.5	QPSK	13.516	14.984	PASS
B4	15	Mid	20175	1732.5	16QAM	13.476	14.830	PASS
B4	15	Mid	20175	1732.5	64QAM	13.512	14.993	PASS
B4	15	High	20325	1747.5	QPSK	13.485	14.843	PASS
B4	15	High	20325	1747.5	16QAM	13.484	14.889	PASS
B4	15	High	20325	1747.5	64QAM	13.500	14.958	PASS
B4	20	Low	20050	1720	QPSK	18.001	19.867	PASS
B4	20	Low	20050	1720	16QAM	18.011	19.790	PASS
B4	20	Low	20050	1720	64QAM	18.029	19.849	PASS
B4	20	Mid	20175	1732.5	QPSK	17.992	19.653	PASS
B4	20	Mid	20175	1732.5	16QAM	18.025	19.935	PASS
B4	20	Mid	20175	1732.5	64QAM	18.023	19.920	PASS
B4	20	High	20300	1745	QPSK	18.042	19.863	PASS
B4	20	High	20300	1745	16QAM	17.972	19.755	PASS
B4	20	High	20300	1745	64QAM	17.959	19.777	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.1061	1.3242	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1057	1.3494	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1046	1.3623	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.1002	1.3648	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1010	1.3619	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0999	1.3805	PASS
B5	1.4	High	20643	848.3	QPSK	1.1023	1.3440	PASS
B5	1.4	High	20643	848.3	16QAM	1.1036	1.3712	PASS
B5	1.4	High	20643	848.3	64QAM	1.1060	1.3614	PASS
B5	3	Low	20415	825.5	QPSK	2.7199	3.0531	PASS
B5	3	Low	20415	825.5	16QAM	2.7244	3.0472	PASS
B5	3	Low	20415	825.5	64QAM	2.7264	3.0420	PASS
B5	3	Mid	20525	836.5	QPSK	2.7090	3.0401	PASS
B5	3	Mid	20525	836.5	16QAM	2.7046	3.0799	PASS
B5	3	Mid	20525	836.5	64QAM	2.7174	3.0814	PASS
B5	3	High	20635	847.5	QPSK	2.7118	3.0466	PASS
B5	3	High	20635	847.5	16QAM	2.7189	3.0689	PASS
B5	3	High	20635	847.5	64QAM	2.7063	3.0384	PASS
B5	5	Low	20425	826.5	QPSK	4.5345	5.1877	PASS
B5	5	Low	20425	826.5	16QAM	4.5236	5.1403	PASS
B5	5	Low	20425	826.5	64QAM	4.5263	5.0706	PASS
B5	5	Mid	20525	836.5	QPSK	4.5160	5.1139	PASS
B5	5	Mid	20525	836.5	16QAM	4.5172	5.1750	PASS
B5	5	Mid	20525	836.5	64QAM	4.5194	5.1283	PASS
B5	5	High	20625	846.5	QPSK	4.5226	5.1830	PASS
B5	5	High	20625	846.5	16QAM	4.5297	5.1077	PASS
B5	5	High	20625	846.5	64QAM	4.5024	5.1226	PASS
B5	10	Low	20450	829	QPSK	9.0172	10.0115	PASS
B5	10	Low	20450	829	16QAM	9.0180	10.0250	PASS
B5	10	Low	20450	829	64QAM	8.9966	10.0443	PASS
B5	10	Mid	20525	836.5	QPSK	9.0109	10.0846	PASS
B5	10	Mid	20525	836.5	16QAM	9.0222	9.9757	PASS
B5	10	Mid	20525	836.5	64QAM	9.0038	10.0357	PASS
B5	10	High	20600	844	QPSK	8.9763	9.9577	PASS
B5	10	High	20600	844	16QAM	8.9889	9.9738	PASS

B5	10	High	20600	844	64QAM	9.0050	9.8849	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4858	4.9968	PASS
B7	5	Low	20775	2502.5	16QAM	4.4774	5.0313	PASS
B7	5	Low	20775	2502.5	64QAM	4.4828	4.9945	PASS
B7	5	Mid	21100	2535	QPSK	4.4870	5.1402	PASS
B7	5	Mid	21100	2535	16QAM	4.4884	5.0716	PASS
B7	5	Mid	21100	2535	64QAM	4.4914	4.9518	PASS
B7	5	High	21425	2567.5	QPSK	4.4893	5.1171	PASS
B7	5	High	21425	2567.5	16QAM	4.4812	4.9954	PASS
B7	5	High	21425	2567.5	64QAM	4.4849	4.9855	PASS
B7	10	Low	20800	2505	QPSK	8.9649	9.8327	PASS
B7	10	Low	20800	2505	16QAM	8.9547	9.8058	PASS
B7	10	Low	20800	2505	64QAM	8.9480	9.7556	PASS
B7	10	Mid	21100	2535	QPSK	8.9686	9.9705	PASS
B7	10	Mid	21100	2535	16QAM	8.9617	9.8991	PASS
B7	10	Mid	21100	2535	64QAM	8.9674	9.7956	PASS
B7	10	High	21400	2565	QPSK	8.9656	9.8055	PASS
B7	10	High	21400	2565	16QAM	8.9776	9.7764	PASS
B7	10	High	21400	2565	64QAM	8.9690	9.7839	PASS
B7	15	Low	20825	2507.5	QPSK	13.388	14.270	PASS
B7	15	Low	20825	2507.5	16QAM	13.412	14.548	PASS
B7	15	Low	20825	2507.5	64QAM	13.392	14.437	PASS
B7	15	Mid	21100	2535	QPSK	13.486	14.828	PASS
B7	15	Mid	21100	2535	16QAM	13.478	14.638	PASS
B7	15	Mid	21100	2535	64QAM	13.451	14.555	PASS
B7	15	High	21375	2562.5	QPSK	13.428	14.519	PASS
B7	15	High	21375	2562.5	16QAM	13.422	14.425	PASS
B7	15	High	21375	2562.5	64QAM	13.415	14.617	PASS
B7	20	Low	20850	2510	QPSK	17.852	19.136	PASS
B7	20	Low	20850	2510	16QAM	17.821	19.118	PASS
B7	20	Low	20850	2510	64QAM	17.860	19.335	PASS
B7	20	Mid	21100	2535	QPSK	17.937	19.332	PASS
B7	20	Mid	21100	2535	16QAM	17.964	19.383	PASS
B7	20	Mid	21100	2535	64QAM	17.943	19.565	PASS
B7	20	High	21350	2560	QPSK	17.865	19.267	PASS
B7	20	High	21350	2560	16QAM	17.879	19.206	PASS

B7	20	High	21350	2560	64QAM	17.866	19.315	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0986	1.3613	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1093	1.3765	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1038	1.3560	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1032	1.3414	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1057	1.3991	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0981	1.3269	PASS
B12	1.4	High	23173	715.3	QPSK	1.1011	1.3521	PASS
B12	1.4	High	23173	715.3	16QAM	1.1037	1.3712	PASS
B12	1.4	High	23173	715.3	64QAM	1.1067	1.3751	PASS
B12	3	Low	23025	700.5	QPSK	2.7137	3.0576	PASS
B12	3	Low	23025	700.5	16QAM	2.7122	3.1029	PASS
B12	3	Low	23025	700.5	64QAM	2.7159	3.1015	PASS
B12	3	Mid	23095	707.5	QPSK	2.7134	3.0320	PASS
B12	3	Mid	23095	707.5	16QAM	2.7130	3.0982	PASS
B12	3	Mid	23095	707.5	64QAM	2.7208	3.0878	PASS
B12	3	High	23165	714.5	QPSK	2.7221	3.0710	PASS
B12	3	High	23165	714.5	16QAM	2.7168	3.0651	PASS
B12	3	High	23165	714.5	64QAM	2.7079	3.0404	PASS
B12	5	Low	23035	701.5	QPSK	4.5194	5.1018	PASS
B12	5	Low	23035	701.5	16QAM	4.5300	5.1624	PASS
B12	5	Low	23035	701.5	64QAM	4.5219	5.0995	PASS
B12	5	Mid	23095	707.5	QPSK	4.5058	5.1117	PASS
B12	5	Mid	23095	707.5	16QAM	4.5243	5.1771	PASS
B12	5	Mid	23095	707.5	64QAM	4.5304	5.1477	PASS
B12	5	High	23155	713.5	QPSK	4.5218	5.1059	PASS
B12	5	High	23155	713.5	16QAM	4.5224	5.1123	PASS
B12	5	High	23155	713.5	64QAM	4.5317	5.1166	PASS
B12	10	Low	23060	704	QPSK	8.9970	9.9699	PASS
B12	10	Low	23060	704	16QAM	8.9975	10.1209	PASS
B12	10	Low	23060	704	64QAM	8.9862	9.8889	PASS
B12	10	Mid	23095	707.5	QPSK	9.0053	9.9662	PASS
B12	10	Mid	23095	707.5	16QAM	9.0146	10.0151	PASS
B12	10	Mid	23095	707.5	64QAM	8.9970	9.9819	PASS
B12	10	High	23130	711	QPSK	8.9909	10.0850	PASS
B12	10	High	23130	711	16QAM	8.9961	10.0557	PASS

B12	10	High	23130	711	64QAM	9.0045	9.9447	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	QPSK	1.0996	1.3144	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.1128	1.3516	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.1036	1.3506	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.1028	1.3288	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.1037	1.3515	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.1038	1.3969	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.1017	1.3419	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0990	1.3291	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.1091	1.3417	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.7114	3.0922	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.7109	3.0345	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.7049	3.0431	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.7158	3.0329	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.7087	3.0664	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.7085	3.0556	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.7101	3.0842	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.7138	3.0546	PASS
B26	3	High	27025	847.5	64QAM	2.7136	3.0559	PASS

Part22								
B26 Part22	5	Low	26815	826.5	QPSK	4.4826	4.9950	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4879	5.0357	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4877	4.9652	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4821	4.9852	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4806	5.0478	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4806	5.0038	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4810	5.0009	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4725	4.9887	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4812	4.9759	PASS
B26 Part22	10	Low	26840	829	QPSK	8.9781	9.7768	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9621	9.8646	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9785	9.7708	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9481	9.7134	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9436	9.7971	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9557	9.8091	PASS
B26 Part22	10	High	26990	844	QPSK	8.9461	9.7707	PASS
B26 Part22	10	High	26990	844	16QAM	8.9195	9.6854	PASS
B26 Part22	10	High	26990	844	64QAM	8.9561	9.7417	PASS
B26	15	Low	26865	831.5	QPSK	13.432	14.584	PASS

Part22								
B26 Part22	15	Low	26865	831.5	16QAM	13.443	14.624	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.398	14.551	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.441	14.564	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.417	14.534	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.426	14.332	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.429	14.424	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.385	14.582	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.391	14.566	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.5101	5.2038	PASS
B38	5	Low	37775	2572.5	16QAM	4.5027	5.1294	PASS
B38	5	Low	37775	2572.5	64QAM	4.5197	5.1347	PASS
B38	5	Mid	38000	2595	QPSK	4.5179	5.1436	PASS
B38	5	Mid	38000	2595	16QAM	4.5173	5.2431	PASS
B38	5	Mid	38000	2595	64QAM	4.5100	5.0733	PASS
B38	5	High	38225	2617.5	QPSK	4.5197	5.3452	PASS
B38	5	High	38225	2617.5	16QAM	4.5217	5.3150	PASS
B38	5	High	38225	2617.5	64QAM	4.5005	5.4382	PASS
B38	10	Low	37800	2575	QPSK	9.0289	9.9140	PASS
B38	10	Low	37800	2575	16QAM	9.0164	10.7601	PASS
B38	10	Low	37800	2575	64QAM	8.9966	10.4098	PASS
B38	10	Mid	38000	2595	QPSK	8.9944	11.3788	PASS
B38	10	Mid	38000	2595	16QAM	8.9932	10.3078	PASS
B38	10	Mid	38000	2595	64QAM	9.0226	9.9169	PASS
B38	10	High	38200	2615	QPSK	9.0112	10.3148	PASS
B38	10	High	38200	2615	16QAM	9.0188	10.9295	PASS
B38	10	High	38200	2615	64QAM	8.9831	10.1918	PASS
B38	15	Low	37825	2577.5	QPSK	13.498	14.940	PASS
B38	15	Low	37825	2577.5	16QAM	13.512	16.078	PASS
B38	15	Low	37825	2577.5	64QAM	13.482	15.004	PASS
B38	15	Mid	38000	2595	QPSK	13.464	15.324	PASS
B38	15	Mid	38000	2595	16QAM	13.512	14.904	PASS
B38	15	Mid	38000	2595	64QAM	13.476	14.879	PASS
B38	15	High	38175	2612.5	QPSK	13.484	15.463	PASS
B38	15	High	38175	2612.5	16QAM	13.487	15.951	PASS
B38	15	High	38175	2612.5	64QAM	13.500	16.788	PASS
B38	20	Low	37850	2580	QPSK	18.006	21.058	PASS
B38	20	Low	37850	2580	16QAM	18.035	20.114	PASS
B38	20	Low	37850	2580	64QAM	17.996	20.628	PASS
B38	20	Mid	38000	2595	QPSK	18.003	20.098	PASS
B38	20	Mid	38000	2595	16QAM	17.986	20.808	PASS
B38	20	Mid	38000	2595	64QAM	18.026	19.687	PASS
B38	20	High	38150	2610	QPSK	18.026	21.007	PASS
B38	20	High	38150	2610	16QAM	18.020	20.334	PASS

B38	20	High	38150	2610	64QAM	17.957	19.548	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-1	5	Low	38725	2307.5	QPSK	4.5081	5.2763	PASS
B40-1	5	Low	38725	2307.5	16QAM	4.5142	5.1350	PASS
B40-1	5	Low	38725	2307.5	64QAM	4.5065	5.1291	PASS
B40-1	5	Mid	38750	2310	QPSK	4.5073	5.2517	PASS
B40-1	5	Mid	38750	2310	16QAM	4.5087	5.5094	PASS
B40-1	5	Mid	38750	2310	64QAM	4.4920	5.4214	PASS
B40-1	5	High	38775	2312.5	QPSK	4.5176	5.4083	PASS
B40-1	5	High	38775	2312.5	16QAM	4.4977	5.1738	PASS
B40-1	5	High	38775	2312.5	64QAM	4.5277	5.4666	PASS
B40-1	10	Mid	38750	2310	QPSK	9.0296	10.2679	PASS
B40-1	10	Mid	38750	2310	16QAM	9.0115	10.1135	PASS
B40-1	10	Mid	38750	2310	64QAM	9.0312	11.0200	PASS

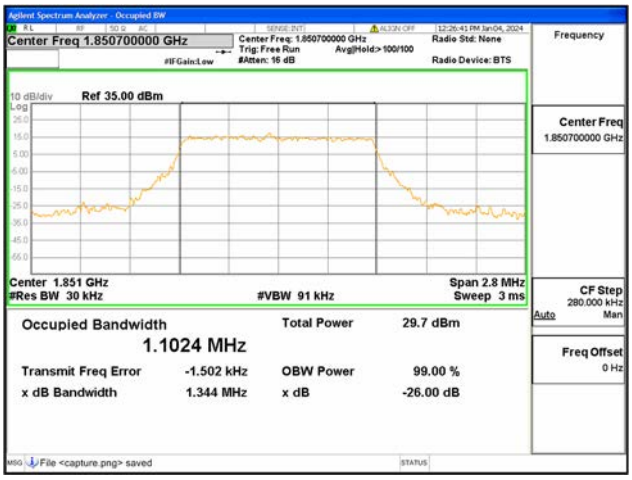
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-2	5	Low	39175	2352.5	QPSK	4.5075	5.2220	PASS
B40-2	5	Low	39175	2352.5	16QAM	4.5193	5.1716	PASS
B40-2	5	Low	39175	2352.5	64QAM	4.5085	5.2880	PASS
B40-2	5	Mid	39200	2355	QPSK	4.5034	5.3199	PASS
B40-2	5	Mid	39200	2355	16QAM	4.5180	5.1185	PASS
B40-2	5	Mid	39200	2355	64QAM	4.5061	5.3716	PASS
B40-2	5	High	39225	2357.5	QPSK	4.5067	5.1094	PASS
B40-2	5	High	39225	2357.5	16QAM	4.4982	5.2845	PASS
B40-2	5	High	39225	2357.5	64QAM	4.5096	5.1890	PASS
B40-2	10	Mid	39200	2355	QPSK	8.9935	9.9718	PASS
B40-2	10	Mid	39200	2355	16QAM	8.9906	10.2939	PASS
B40-2	10	Mid	39200	2355	64QAM	8.9979	10.6803	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.4714	5.0703	PASS
B41	5	Low	39675	2498.5	16QAM	4.4695	5.0016	PASS
B41	5	Low	39675	2498.5	64QAM	4.4925	4.9774	PASS
B41	5	Mid	40620	2593	QPSK	4.4813	5.1145	PASS
B41	5	Mid	40620	2593	16QAM	4.4782	5.0099	PASS
B41	5	Mid	40620	2593	64QAM	4.4826	5.0422	PASS
B41	5	High	41565	2687.5	QPSK	4.4844	5.0681	PASS
B41	5	High	41565	2687.5	16QAM	4.4891	5.0668	PASS
B41	5	High	41565	2687.5	64QAM	4.4797	4.9309	PASS
B41	10	Low	39700	2501	QPSK	8.9229	9.8312	PASS
B41	10	Low	39700	2501	16QAM	8.9661	9.8177	PASS
B41	10	Low	39700	2501	64QAM	8.9447	9.6647	PASS
B41	10	Mid	40620	2593	QPSK	8.9439	9.8746	PASS
B41	10	Mid	40620	2593	16QAM	8.9541	10.0034	PASS
B41	10	Mid	40620	2593	64QAM	8.9599	9.8706	PASS
B41	10	High	41540	2685	QPSK	8.9535	9.9024	PASS
B41	10	High	41540	2685	16QAM	8.9735	9.9424	PASS
B41	10	High	41540	2685	64QAM	8.9526	9.7512	PASS
B41	15	Low	39725	2503.5	QPSK	13.396	14.462	PASS
B41	15	Low	39725	2503.5	16QAM	13.443	14.947	PASS
B41	15	Low	39725	2503.5	64QAM	13.412	14.517	PASS
B41	15	Mid	40620	2593	QPSK	13.430	14.568	PASS
B41	15	Mid	40620	2593	16QAM	13.451	14.741	PASS
B41	15	Mid	40620	2593	64QAM	13.444	14.898	PASS
B41	15	High	41515	2682.5	QPSK	13.423	14.590	PASS
B41	15	High	41515	2682.5	16QAM	13.425	14.501	PASS
B41	15	High	41515	2682.5	64QAM	13.417	14.724	PASS
B41	20	Low	39750	2506	QPSK	17.852	18.990	PASS
B41	20	Low	39750	2506	16QAM	17.904	19.350	PASS
B41	20	Low	39750	2506	64QAM	17.882	19.356	PASS
B41	20	Mid	40620	2593	QPSK	17.934	19.307	PASS
B41	20	Mid	40620	2593	16QAM	17.914	19.315	PASS
B41	20	Mid	40620	2593	64QAM	17.877	19.652	PASS
B41	20	High	41490	2680	QPSK	17.936	19.417	PASS
B41	20	High	41490	2680	16QAM	17.913	19.901	PASS

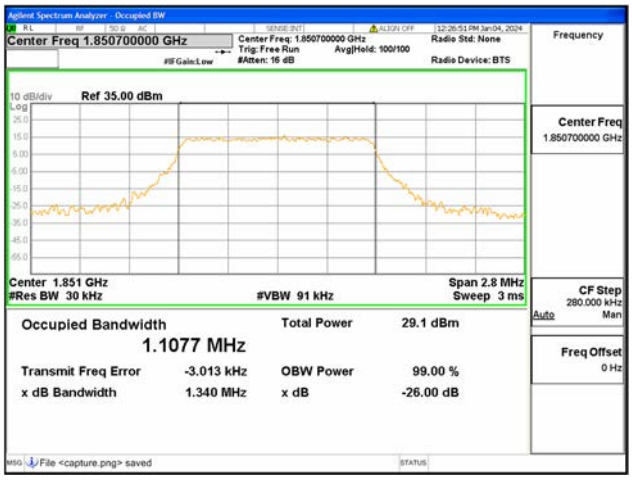
B41	20	High	41490	2680	64QAM	17.885	19.412	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.1013	1.3605	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.1053	1.3931	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1048	1.3825	PASS
B66	1.4	Mid	132322	1745	QPSK	1.1044	1.3744	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1012	1.3559	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1045	1.3294	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0997	1.3555	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1060	1.3705	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0954	1.3586	PASS
B66	3	Low	131987	1711.5	QPSK	2.7127	3.0825	PASS
B66	3	Low	131987	1711.5	16QAM	2.7201	3.0324	PASS
B66	3	Low	131987	1711.5	64QAM	2.7120	3.0360	PASS
B66	3	Mid	132322	1745	QPSK	2.7120	3.0385	PASS
B66	3	Mid	132322	1745	16QAM	2.7158	3.0900	PASS
B66	3	Mid	132322	1745	64QAM	2.7205	3.0400	PASS
B66	3	High	132657	1778.5	QPSK	2.7139	3.0623	PASS
B66	3	High	132657	1778.5	16QAM	2.7135	3.0448	PASS
B66	3	High	132657	1778.5	64QAM	2.7148	3.0701	PASS
B66	5	Low	131997	1712.5	QPSK	4.5173	5.0770	PASS
B66	5	Low	131997	1712.5	16QAM	4.5205	5.1250	PASS
B66	5	Low	131997	1712.5	64QAM	4.5278	5.1059	PASS
B66	5	Mid	132322	1745	QPSK	4.5240	5.1208	PASS
B66	5	Mid	132322	1745	16QAM	4.5117	5.1142	PASS
B66	5	Mid	132322	1745	64QAM	4.5336	5.1526	PASS
B66	5	High	132647	1777.5	QPSK	4.5210	5.1197	PASS
B66	5	High	132647	1777.5	16QAM	4.5156	5.1506	PASS
B66	5	High	132647	1777.5	64QAM	4.5209	5.1239	PASS
B66	10	Low	132022	1715	QPSK	9.0177	10.0229	PASS
B66	10	Low	132022	1715	16QAM	8.9957	10.0716	PASS
B66	10	Low	132022	1715	64QAM	9.0011	10.0772	PASS
B66	10	Mid	132322	1745	QPSK	9.0148	10.0404	PASS
B66	10	Mid	132322	1745	16QAM	8.9942	9.9785	PASS
B66	10	Mid	132322	1745	64QAM	9.0269	9.9408	PASS
B66	10	High	132622	1775	QPSK	9.0030	10.1021	PASS
B66	10	High	132622	1775	16QAM	8.9890	9.9837	PASS

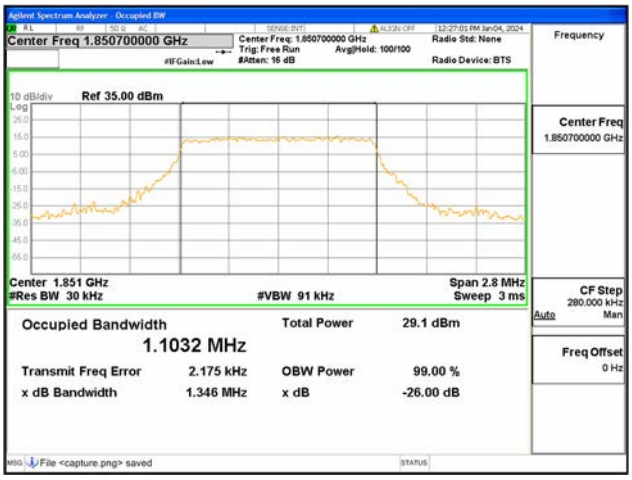
B66	10	High	132622	1775	64QAM	9.0041	10.0290	PASS
B66	15	Low	132047	1717.5	QPSK	13.516	15.001	PASS
B66	15	Low	132047	1717.5	16QAM	13.513	14.944	PASS
B66	15	Low	132047	1717.5	64QAM	13.514	14.858	PASS
B66	15	Mid	132322	1745	QPSK	13.474	14.785	PASS
B66	15	Mid	132322	1745	16QAM	13.470	14.904	PASS
B66	15	Mid	132322	1745	64QAM	13.494	14.902	PASS
B66	15	High	132597	1772.5	QPSK	13.506	14.998	PASS
B66	15	High	132597	1772.5	16QAM	13.464	14.792	PASS
B66	15	High	132597	1772.5	64QAM	13.471	14.932	PASS
B66	20	Low	132072	1720	QPSK	18.031	20.072	PASS
B66	20	Low	132072	1720	16QAM	17.996	19.837	PASS
B66	20	Low	132072	1720	64QAM	18.034	19.775	PASS
B66	20	Mid	132322	1745	QPSK	17.972	19.834	PASS
B66	20	Mid	132322	1745	16QAM	17.984	19.692	PASS
B66	20	Mid	132322	1745	64QAM	17.973	19.730	PASS
B66	20	High	132572	1770	QPSK	18.007	19.869	PASS
B66	20	High	132572	1770	16QAM	18.004	19.768	PASS
B66	20	High	132572	1770	64QAM	17.981	19.933	PASS



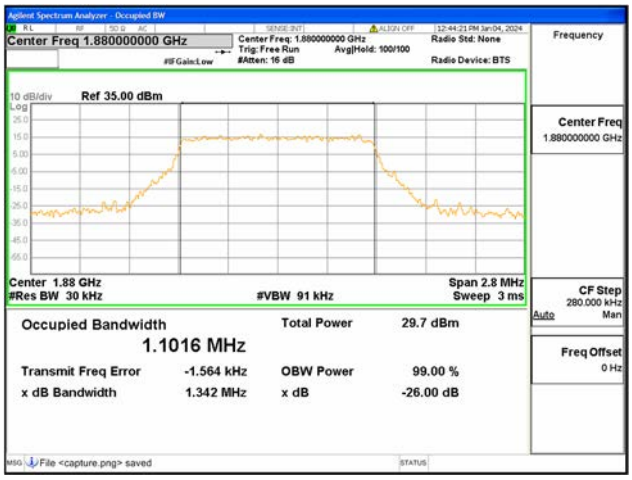
B2 / 1.4MHz / QPSK/ Low CH



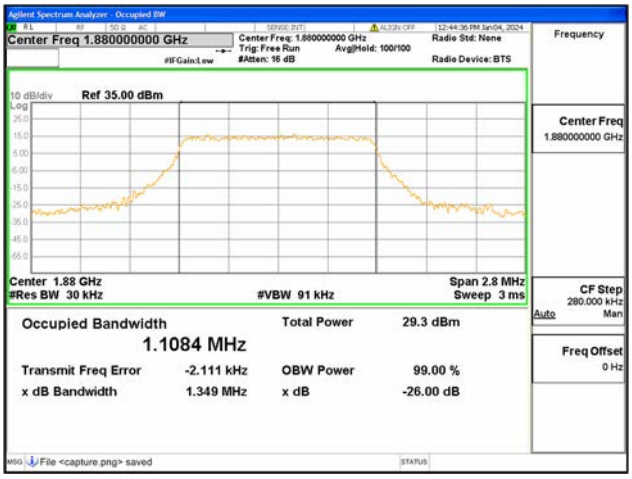
B2 / 1.4MHz / 16QAM/ Low CH



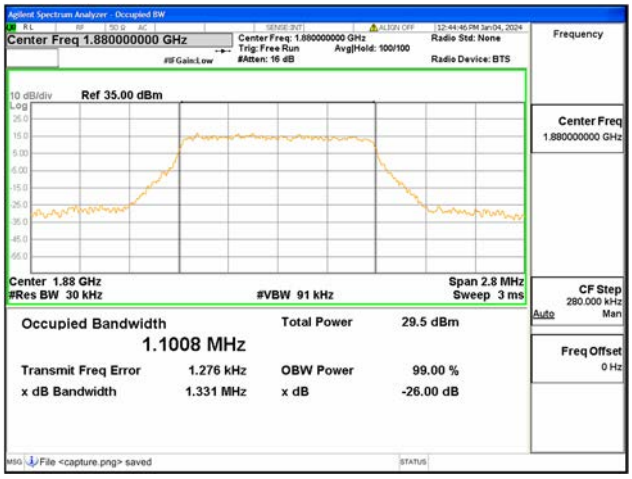
B2 / 1.4MHz / 64QAM/ Low CH



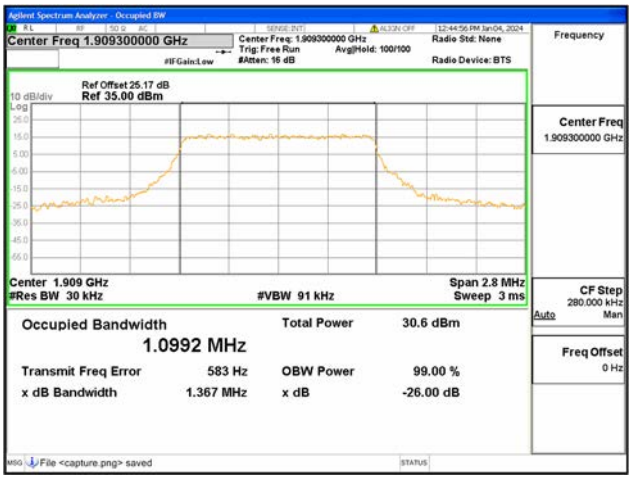
B2 / 1.4MHz / QPSK/ Mid CH



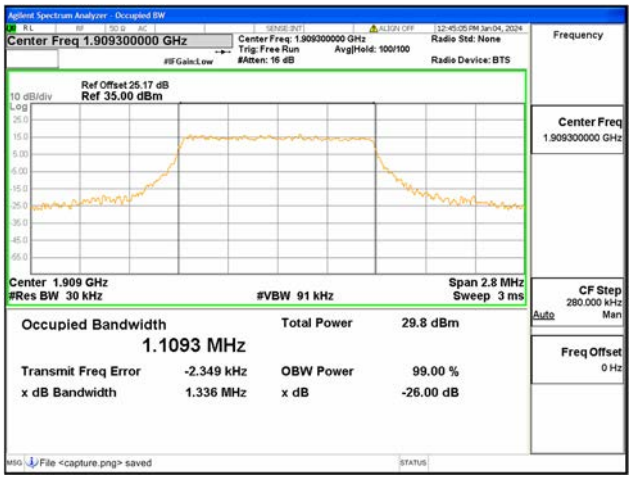
B2 / 1.4MHz / 16QAM/ Mid CH



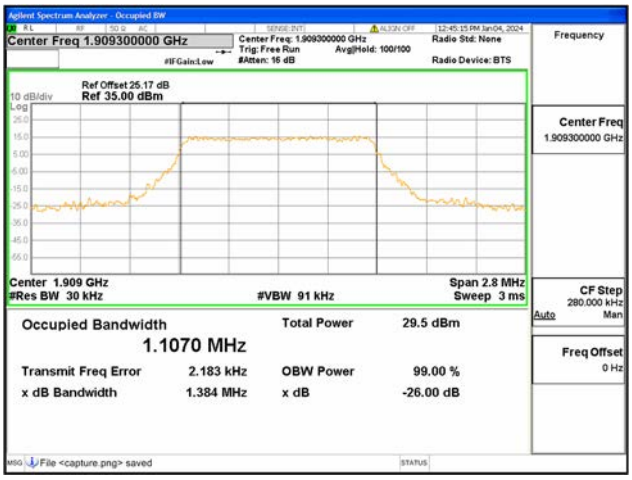
B2 / 1.4MHz / 64QAM/ Mid CH



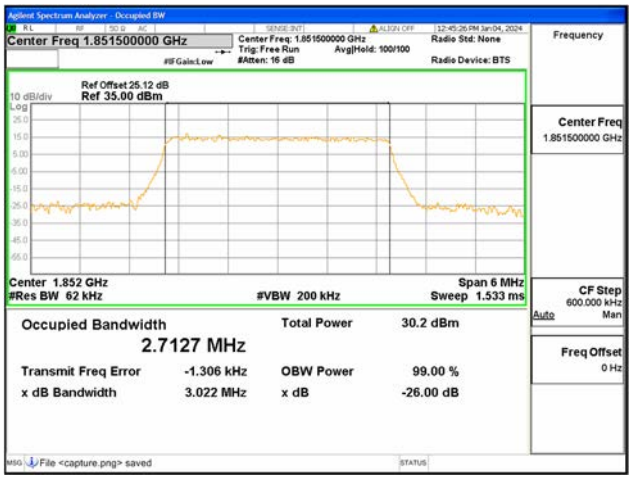
B2 / 1.4MHz / QPSK/ High CH



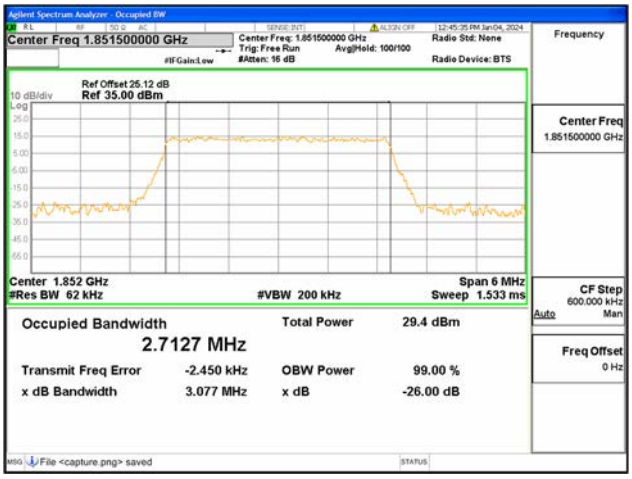
B2 / 1.4MHz / 16QAM/ High CH



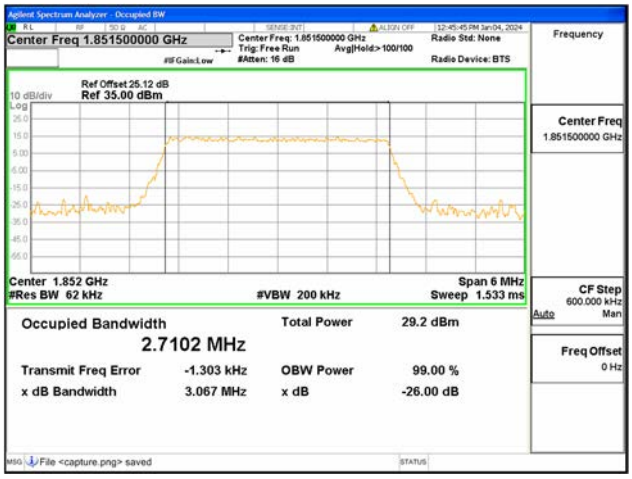
B2 / 1.4MHz / 64QAM/ High CH



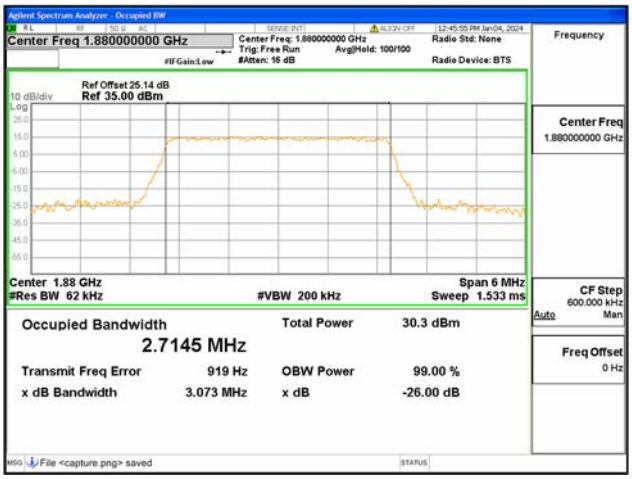
B2 / 3MHz / QPSK/ Low CH



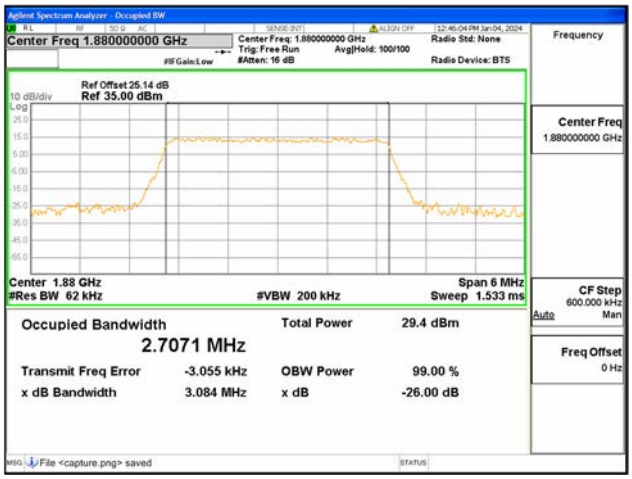
B2 / 3MHz / 16QAM/ Low CH



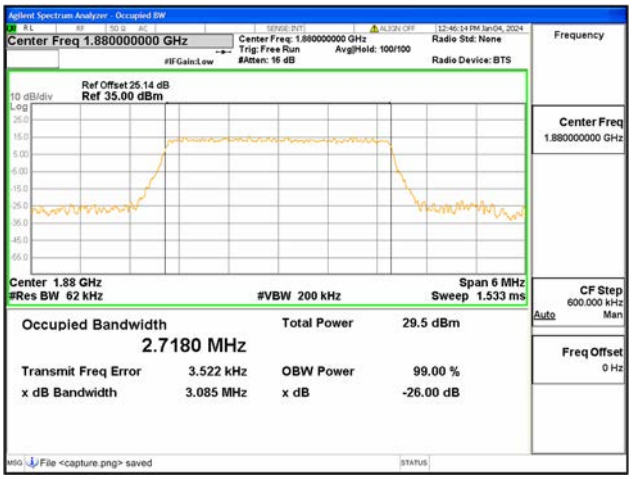
B2 / 3MHz / 64QAM/ Low CH



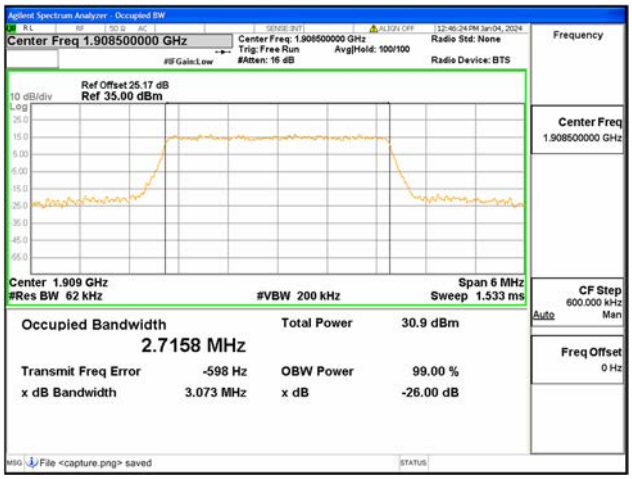
B2 / 3MHz / QPSK/ Mid CH



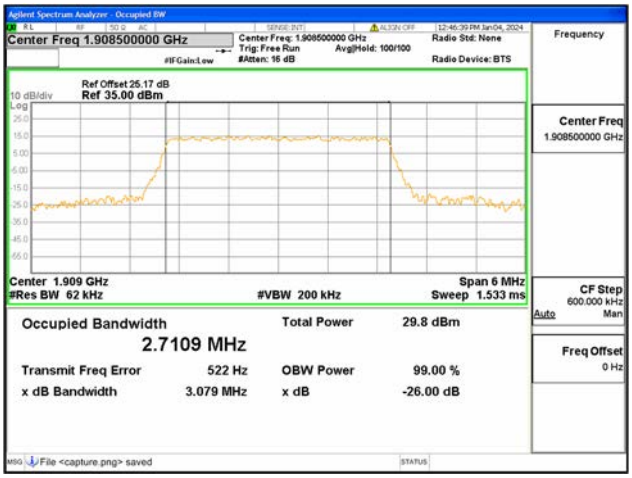
B2 / 3MHz / 16QAM/ Mid CH



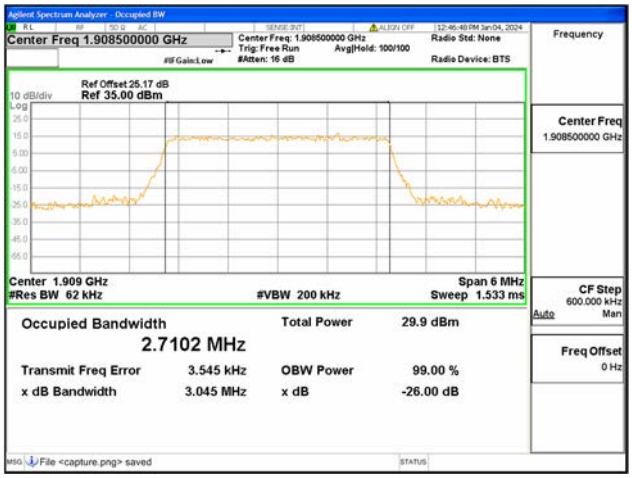
B2 / 3MHz / 64QAM/ Mid CH



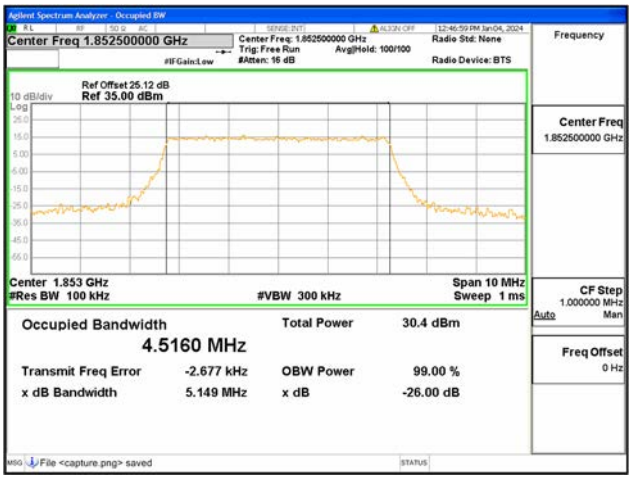
B2 / 3MHz / QPSK/ High CH



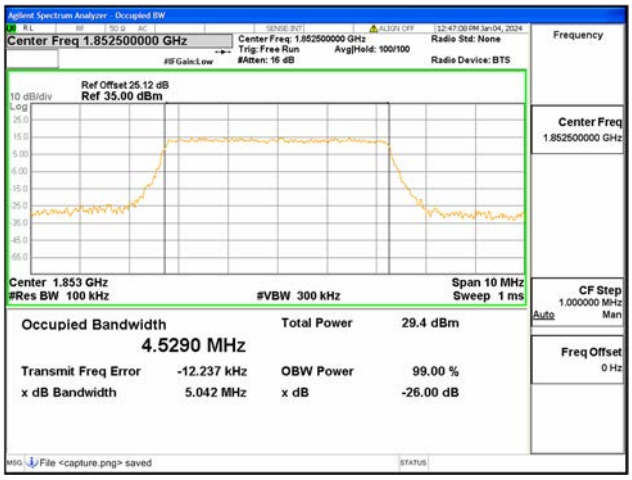
B2 / 3MHz / 16QAM/ High CH



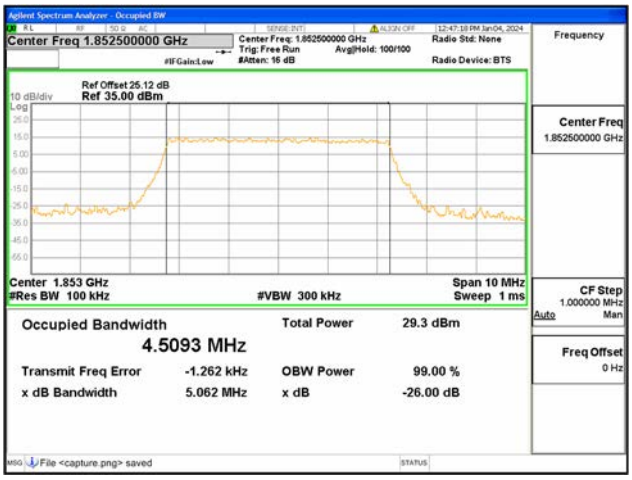
B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH

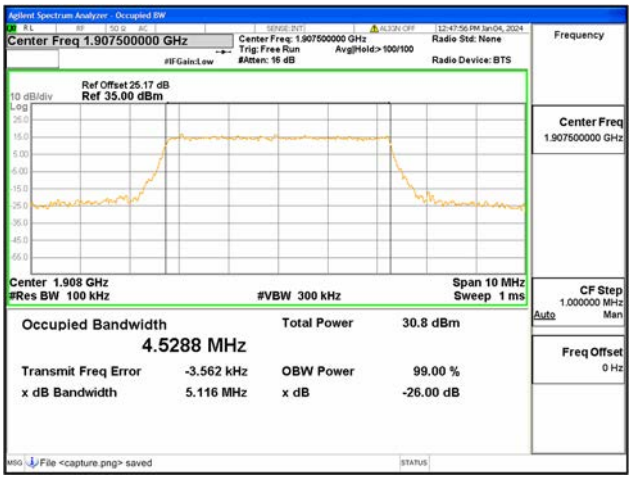


B2 / 5MHz / 64QAM/ Low CH

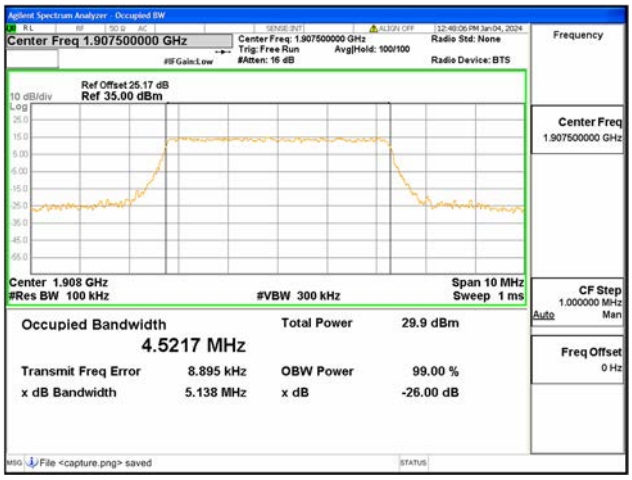
B2 / 5MHz / QPSK/ Mid CH

B2 / 5MHz / 16QAM/ Mid CH

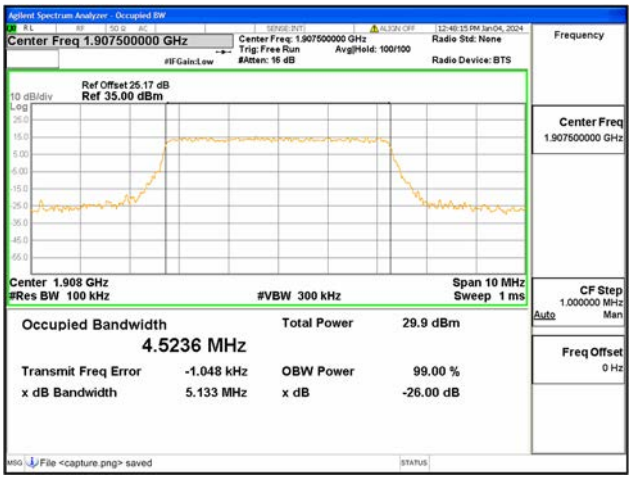
B2 / 5MHz / 64QAM/ Mid CH



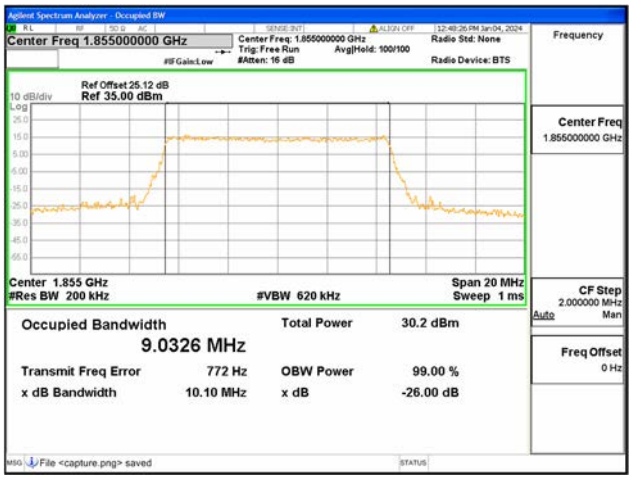
B2 / 5MHz / QPSK/ High CH



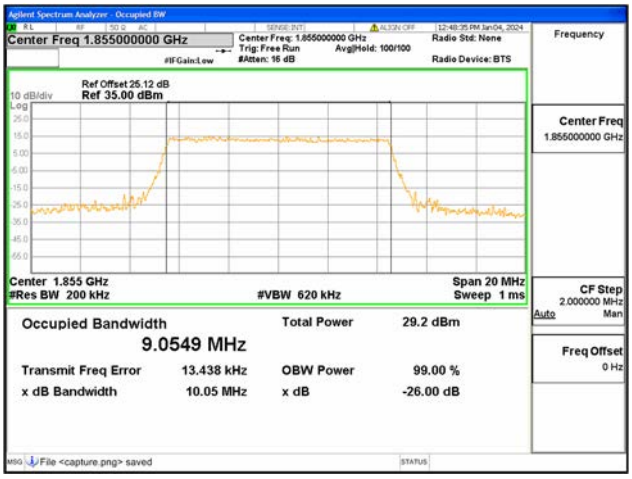
B2 / 5MHz / 16QAM/ High CH



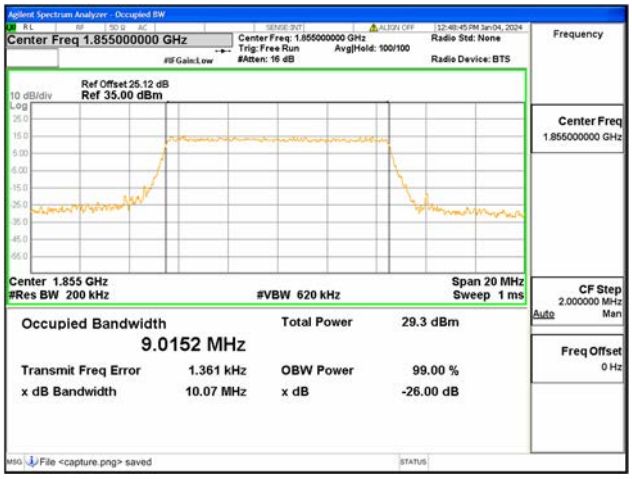
B2 / 5MHz / 64QAM/ High CH



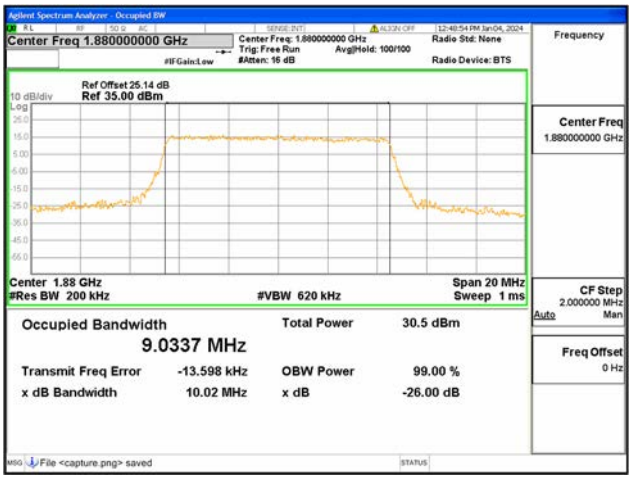
B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH

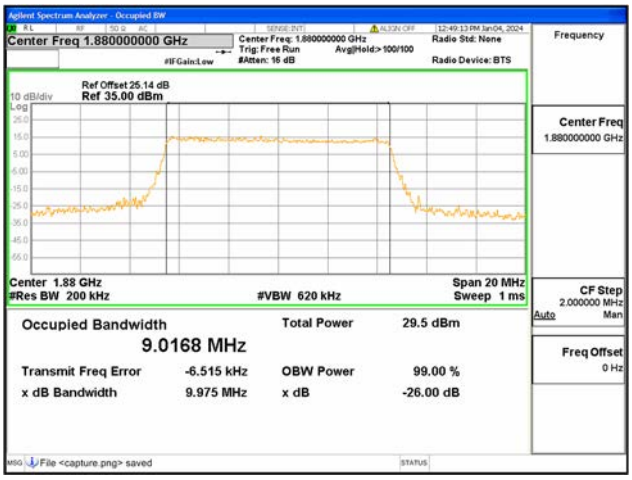


B2 / 10MHz / 64QAM/ Low CH

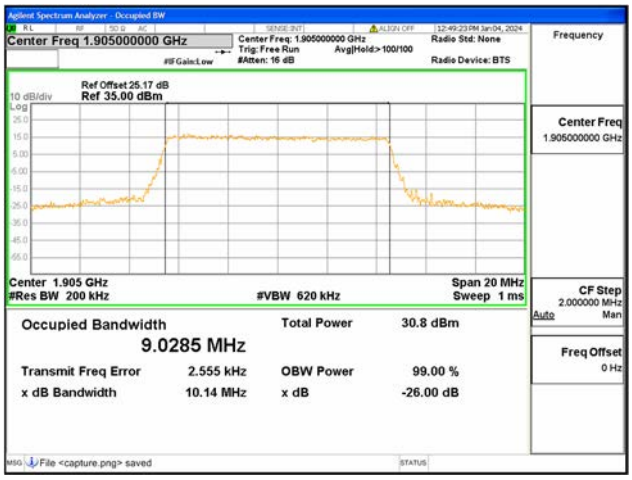


B2 / 10MHz / QPSK/ Mid CH

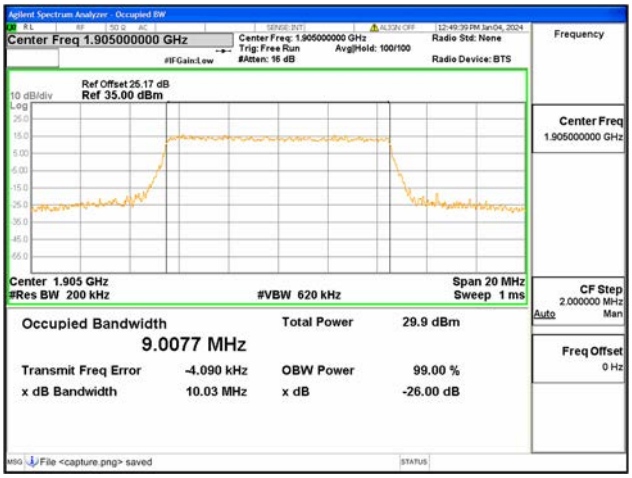
B2 / 10MHz / 16QAM/ Mid CH



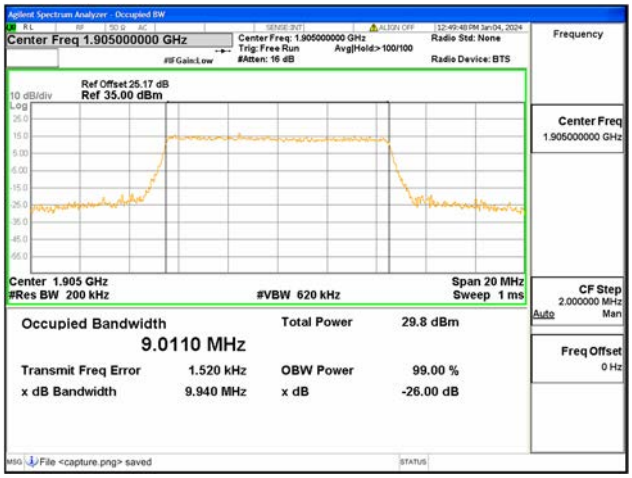
B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



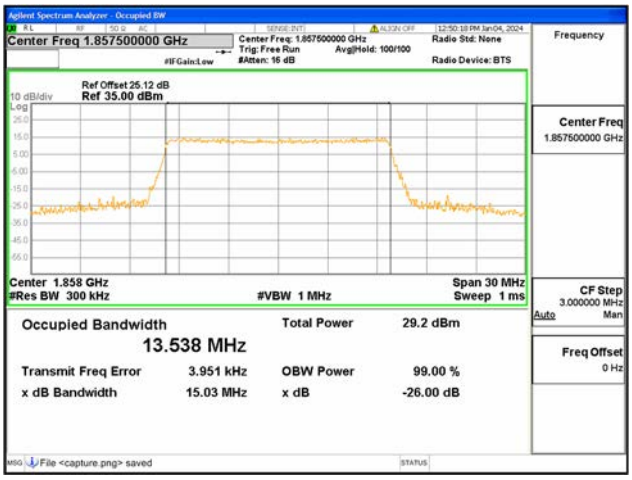
B2 / 10MHz / 16QAM/ High CH



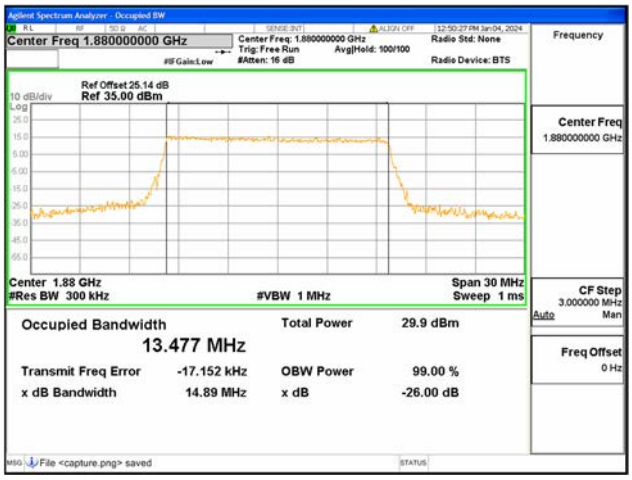
B2 / 10MHz / 64QAM/ High CH

B2 / 15MHz / QPSK/ Low CH

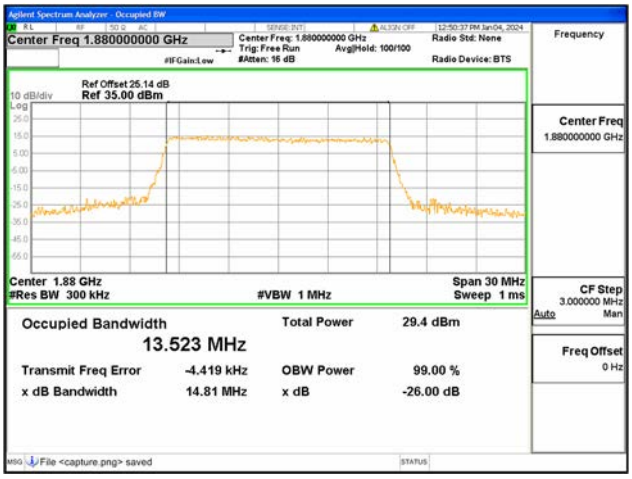
B2 / 15MHz / 16QAM/ Low CH



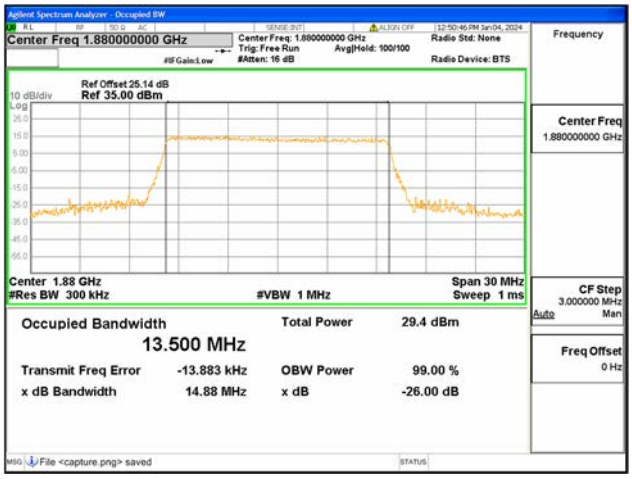
B2 / 15MHz / 64QAM/ Low CH



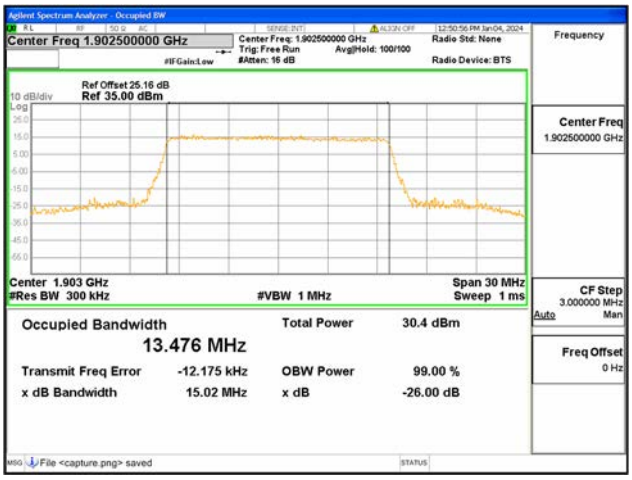
B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH

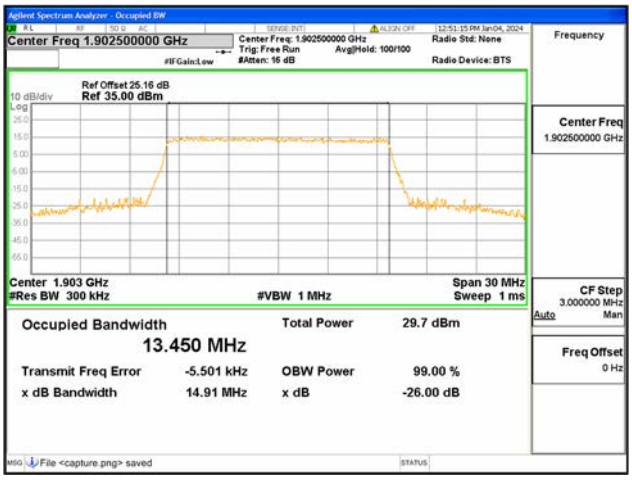


B2 / 15MHz / 64QAM/ Mid CH

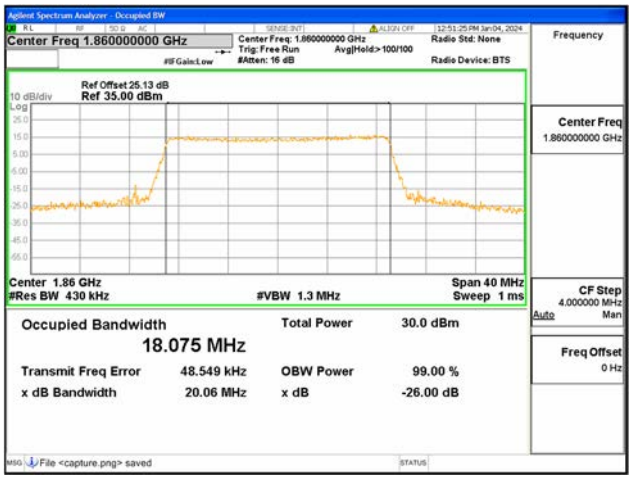


B2 / 15MHz / QPSK/ High CH

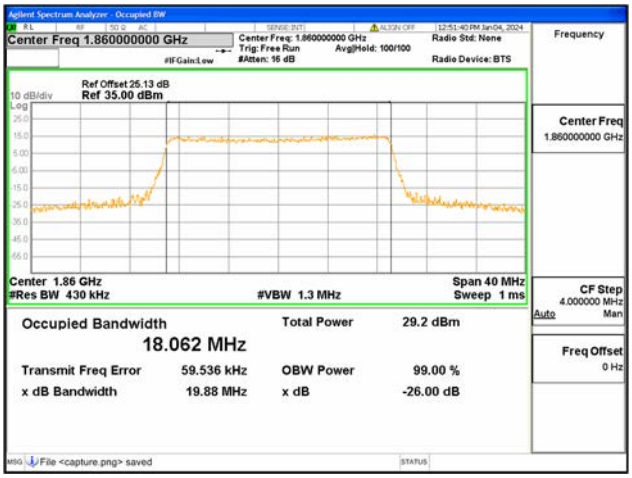
B2 / 15MHz / 16QAM/ High CH



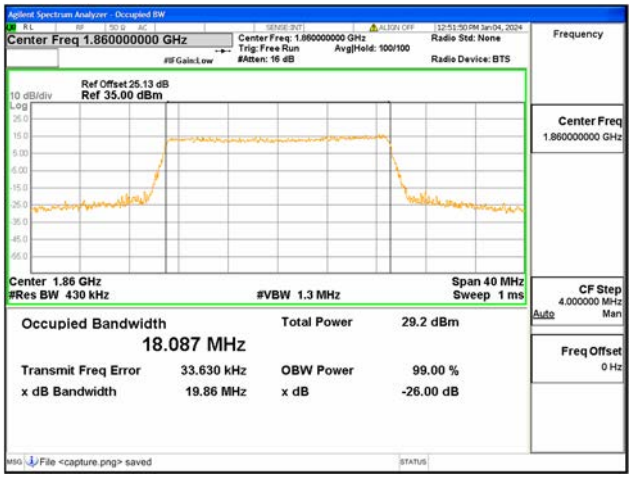
B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH

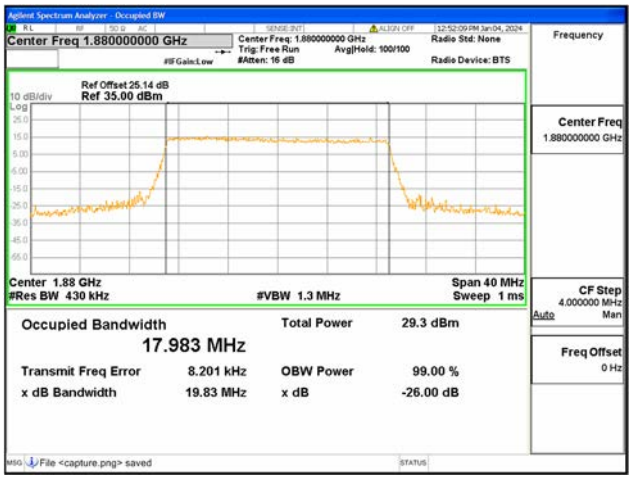


B2 / 20MHz / 16QAM/ Low CH

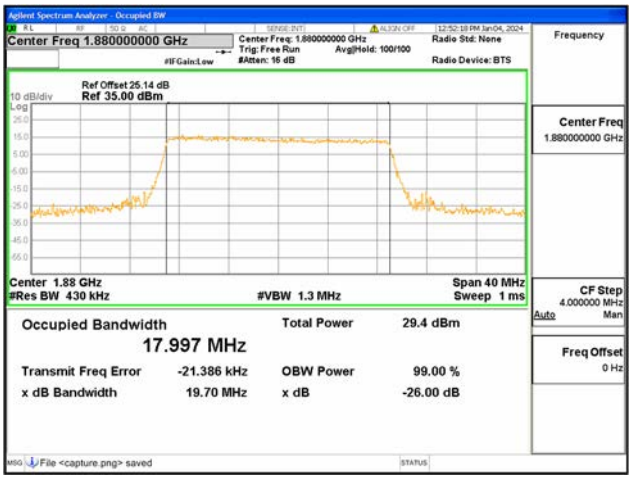


B2 / 20MHz / 64QAM/ Low CH

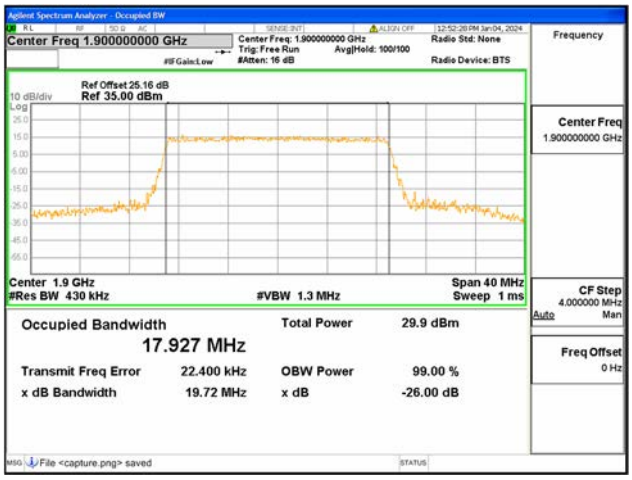
B2 / 20MHz / QPSK/ Mid CH



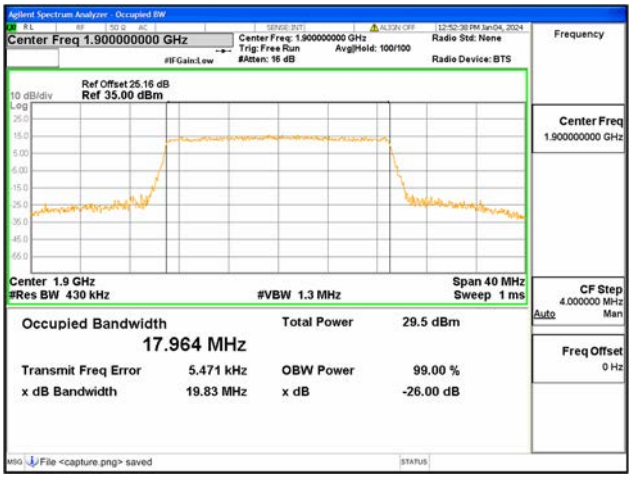
B2 / 20MHz / 16QAM/ Mid CH



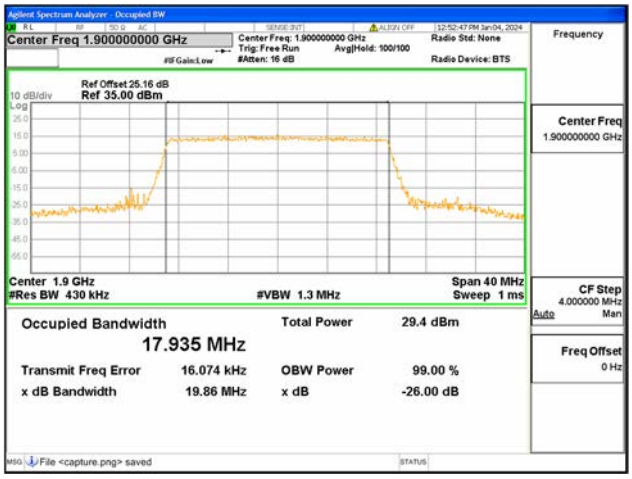
B2 / 20MHz / 64QAM/ Mid CH



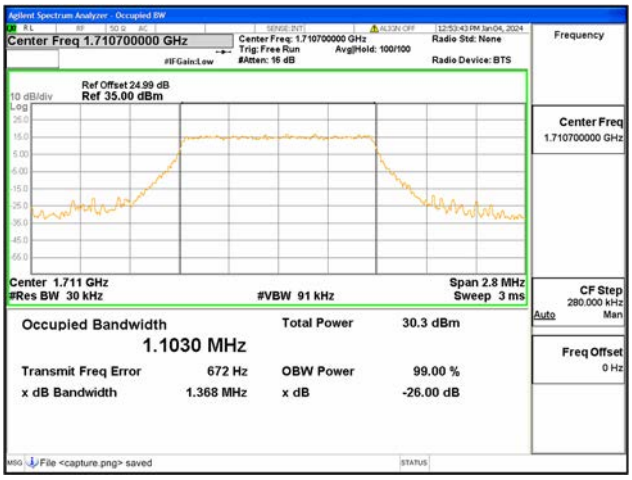
B2 / 20MHz / QPSK/ High CH



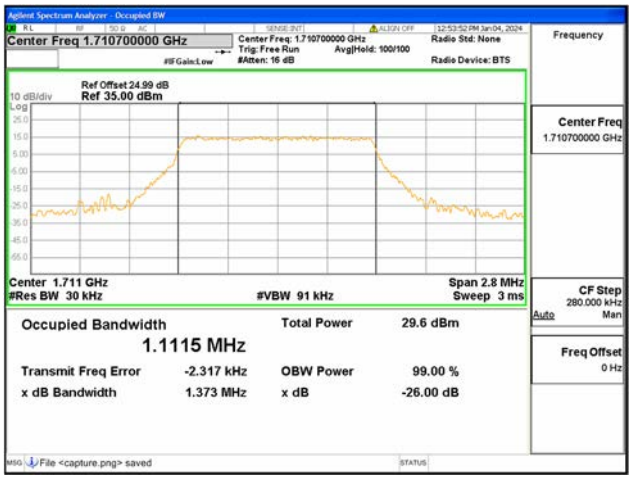
B2 / 20MHz / 16QAM/ High CH



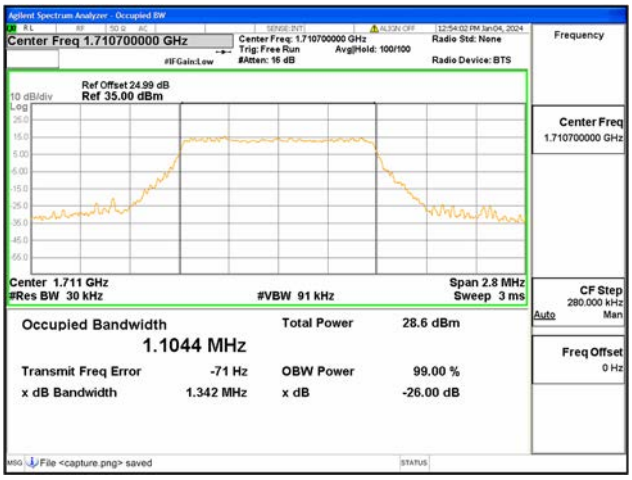
B2 / 20MHz / 64QAM/ High CH



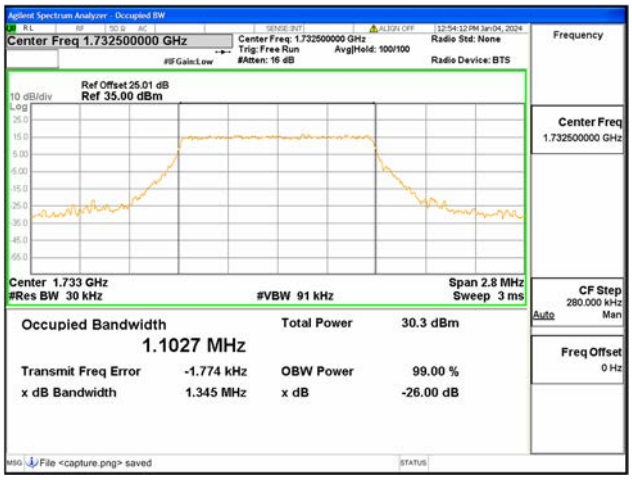
B4 / 1.4MHz / QPSK/ Low CH



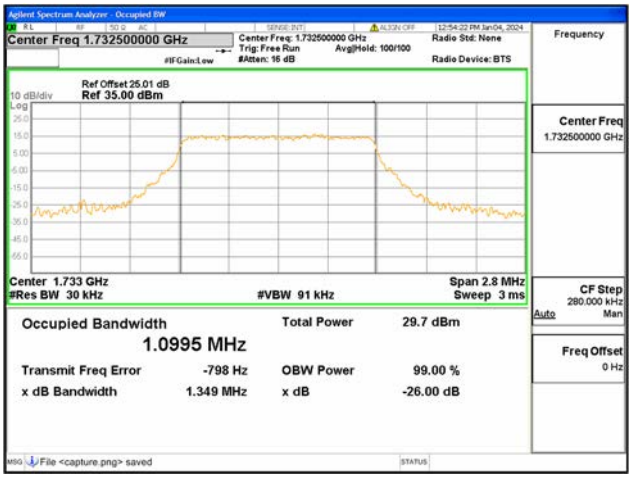
B4 / 1.4MHz / 16QAM/ Low CH



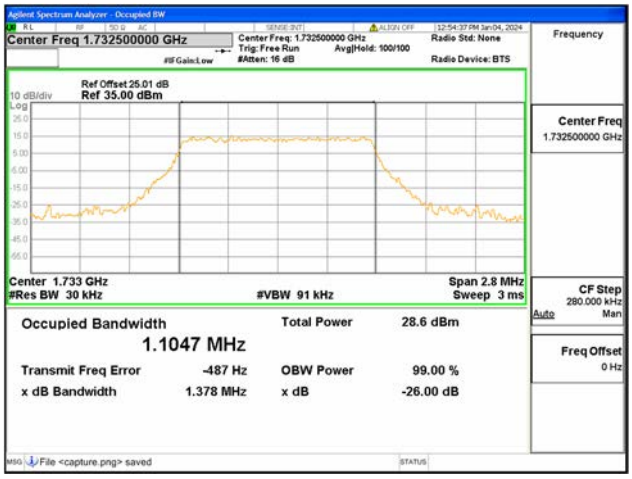
B4 / 1.4MHz / 64QAM/ Low CH



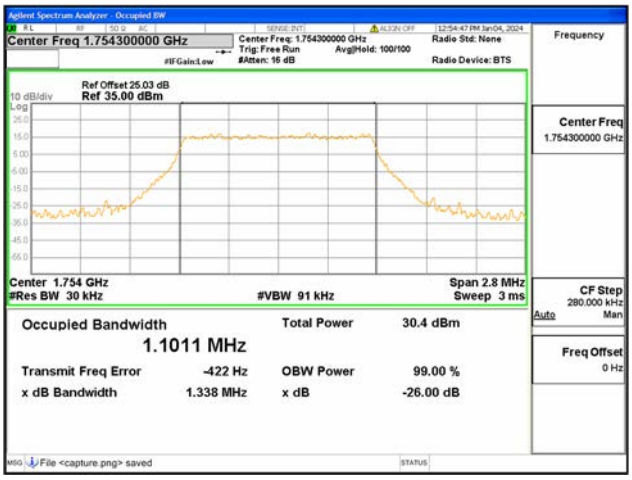
B4 / 1.4MHz / QPSK/ Mid CH



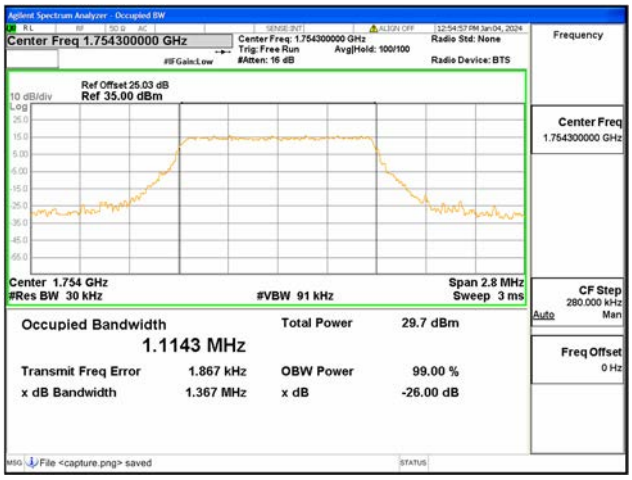
B4 / 1.4MHz / 16QAM/ Mid CH



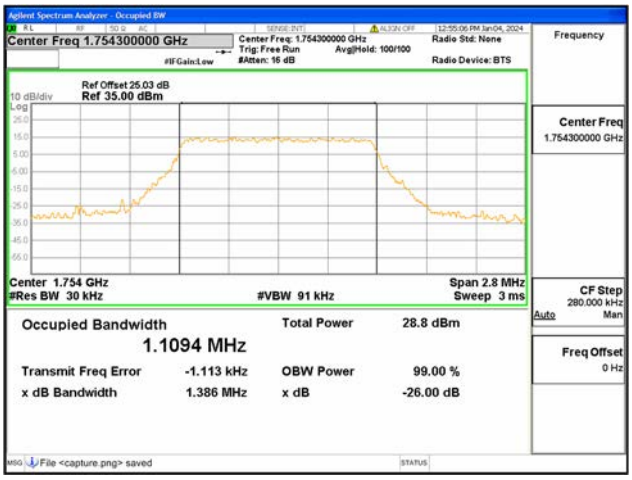
B4 / 1.4MHz / 64QAM/ Mid CH



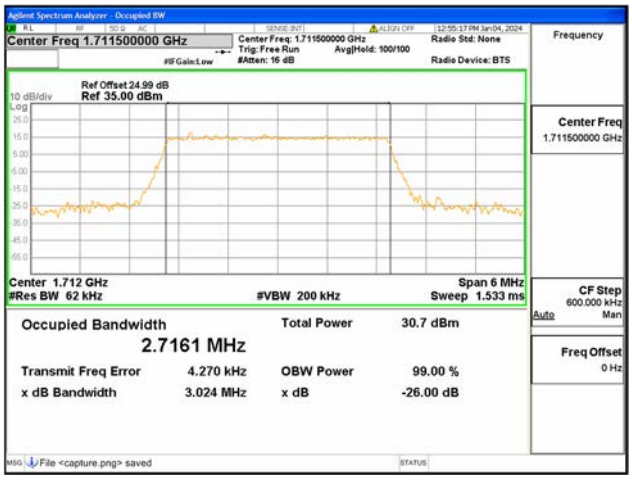
B4 / 1.4MHz / QPSK/ High CH



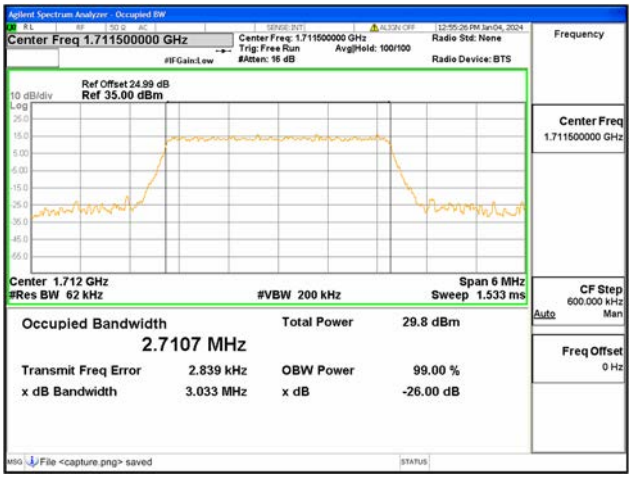
B4 / 1.4MHz / 16QAM/ High CH



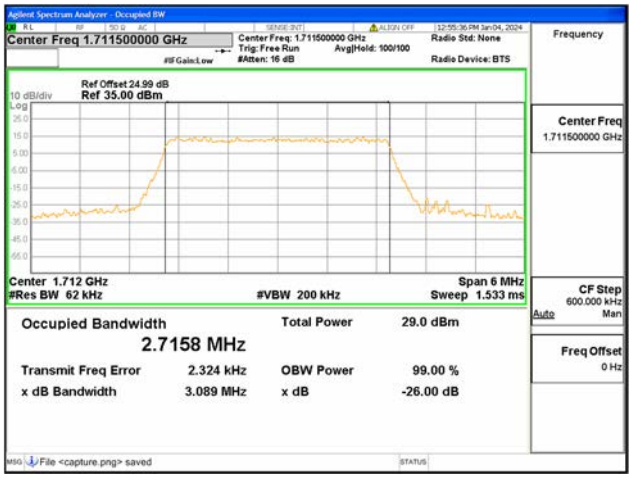
B4 / 1.4MHz / 64QAM/ High CH



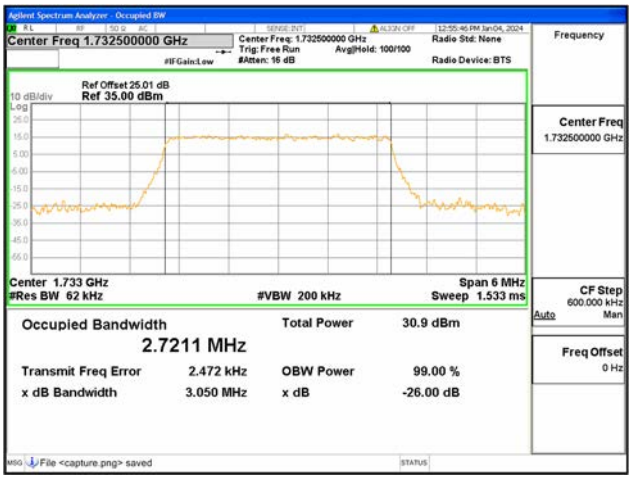
B4 / 3MHz / QPSK/ Low CH



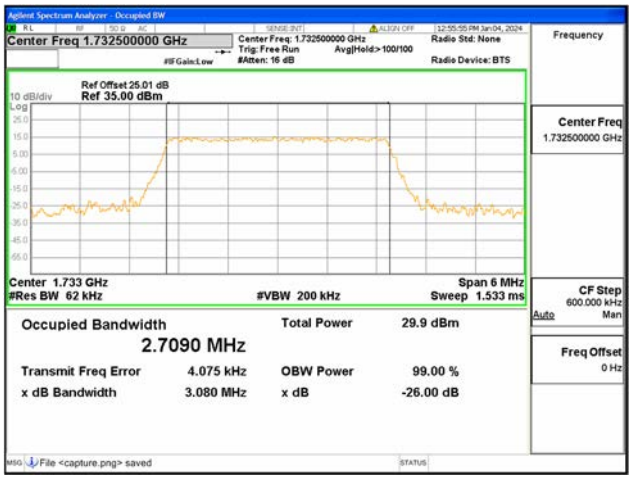
B4 / 3MHz / 16QAM/ Low CH



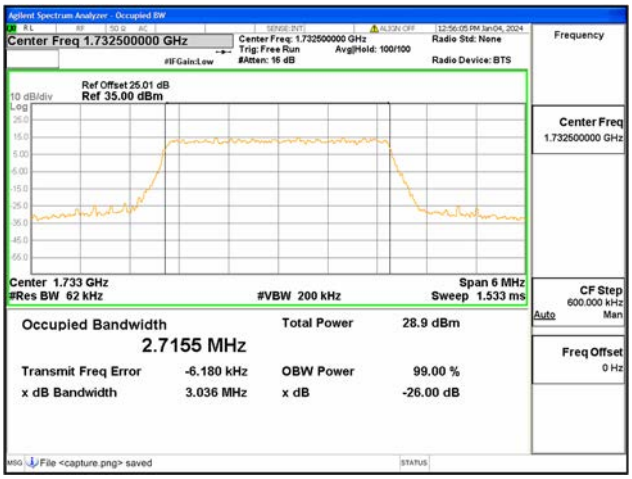
B4 / 3MHz / 64QAM/ Low CH



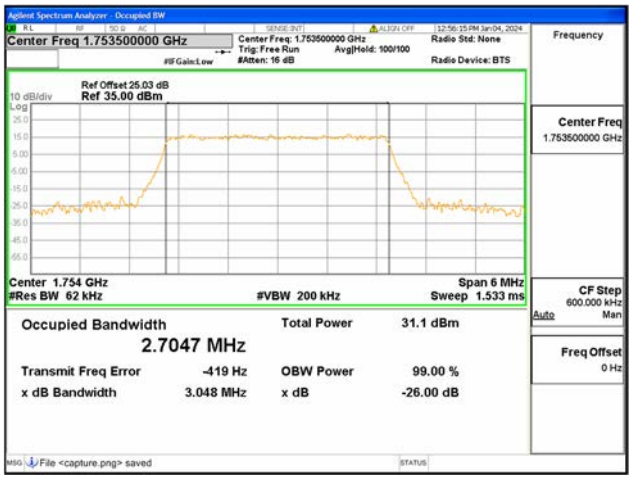
B4 / 3MHz / QPSK/ Mid CH



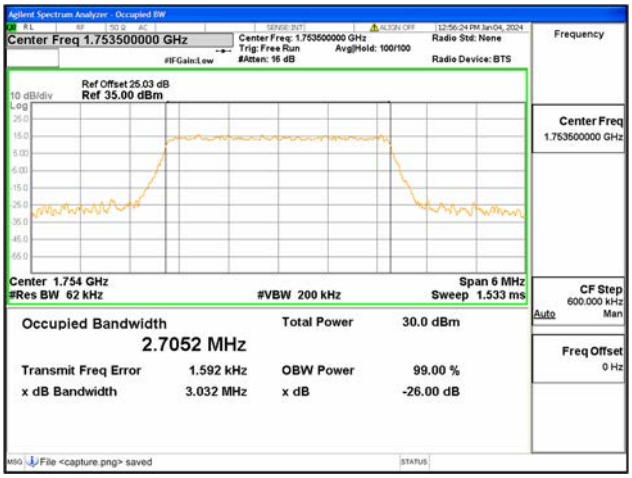
B4 / 3MHz / 16QAM/ Mid CH



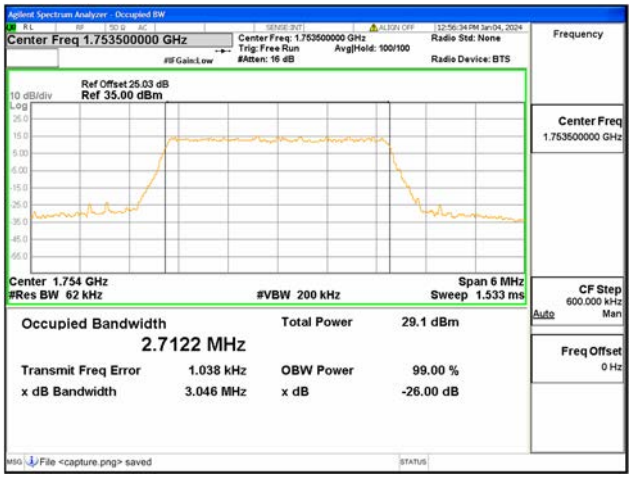
B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH

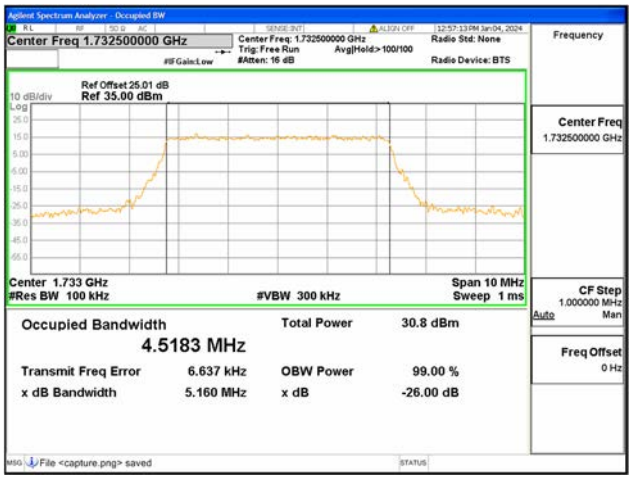


B4 / 3MHz / 64QAM/ High CH

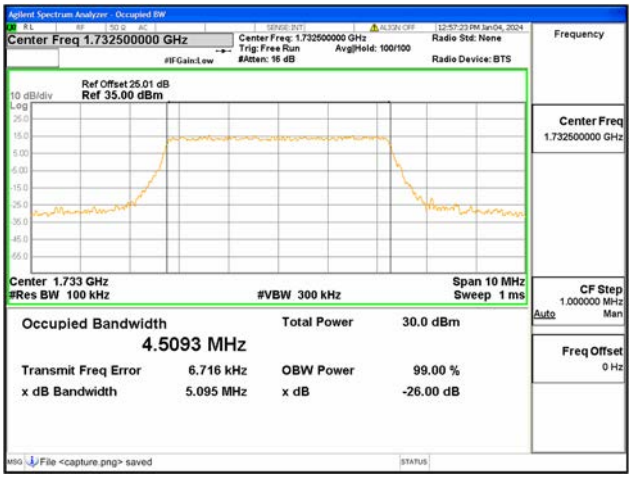
B4 / 5MHz / QPSK/ Low CH

B4 / 5MHz / 16QAM/ Low CH

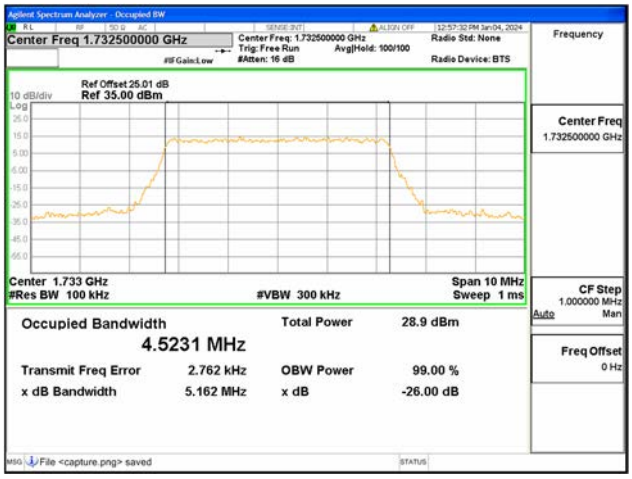
B4 / 5MHz / 64QAM/ Low CH



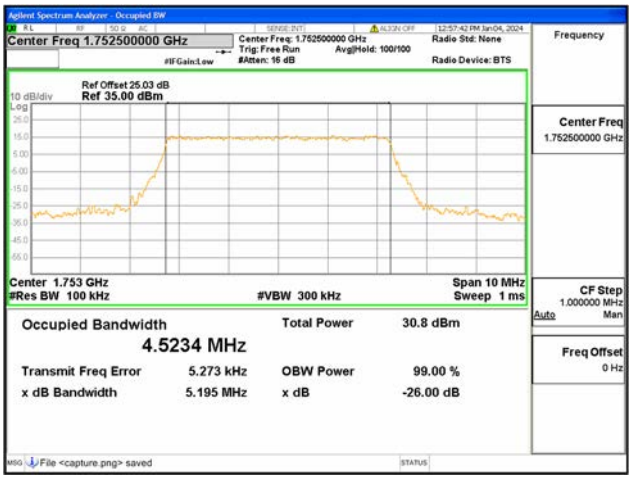
B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



B4 / 5MHz / 64QAM/ Mid CH

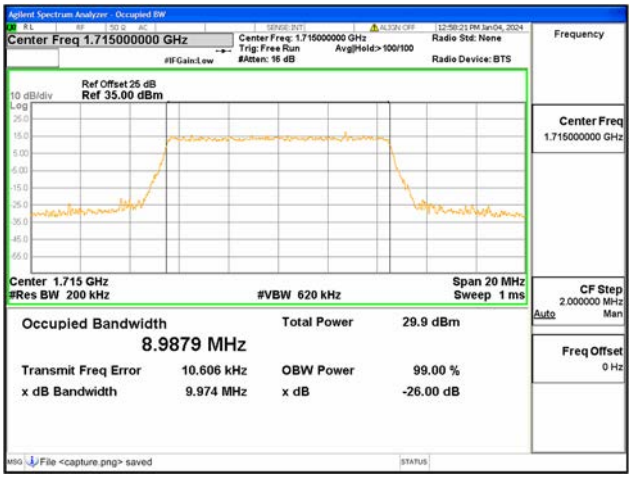


B4 / 5MHz / QPSK/ High CH

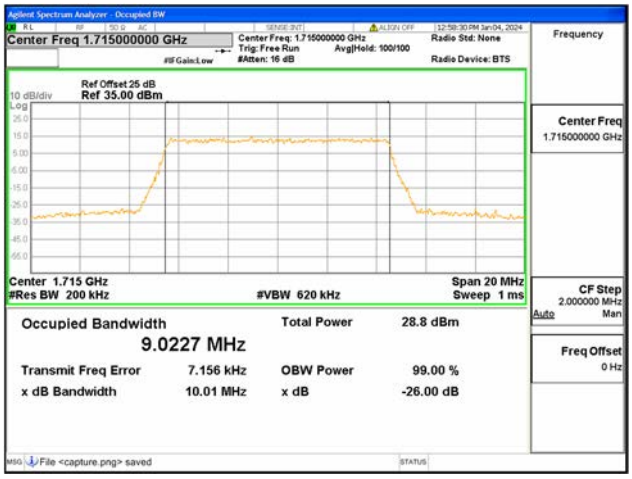
B4 / 5MHz / 16QAM/ High CH

B4 / 5MHz / 64QAM/ High CH

B4 / 10MHz / QPSK/ Low CH

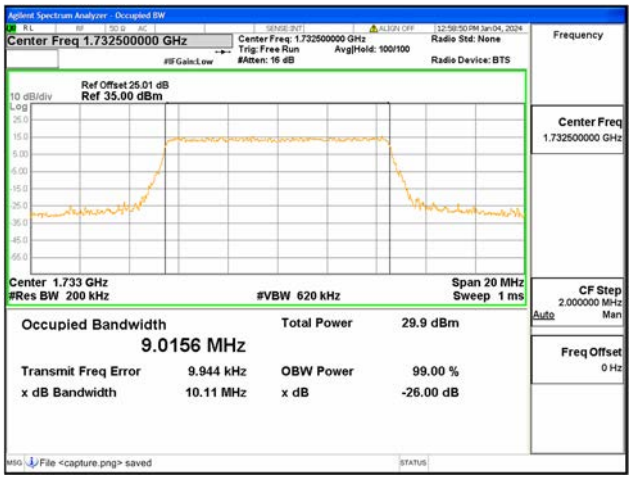


B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH

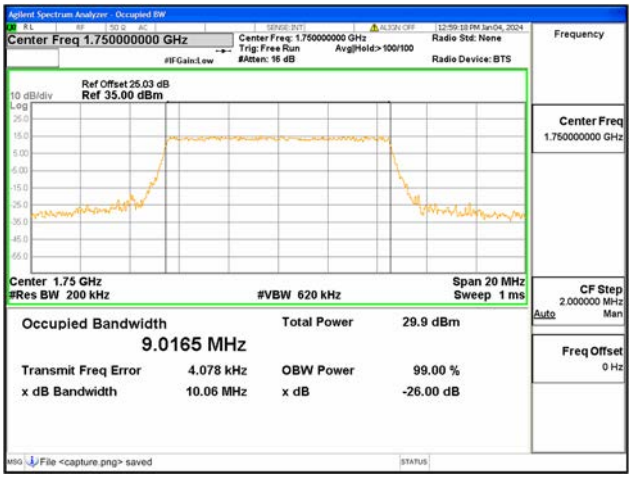
B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH

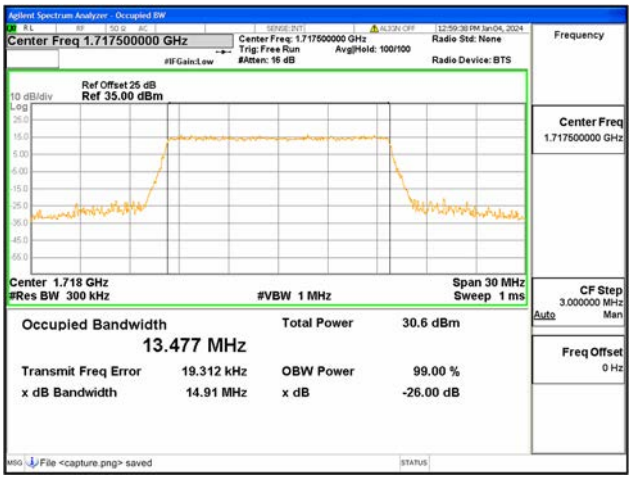
B4 / 10MHz / 64QAM/ Mid CH

B4 / 10MHz / QPSK/ High CH

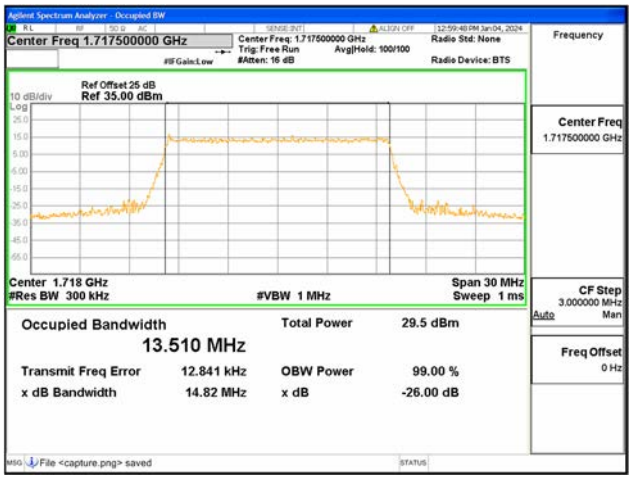


B4 / 10MHz / 16QAM/ High CH

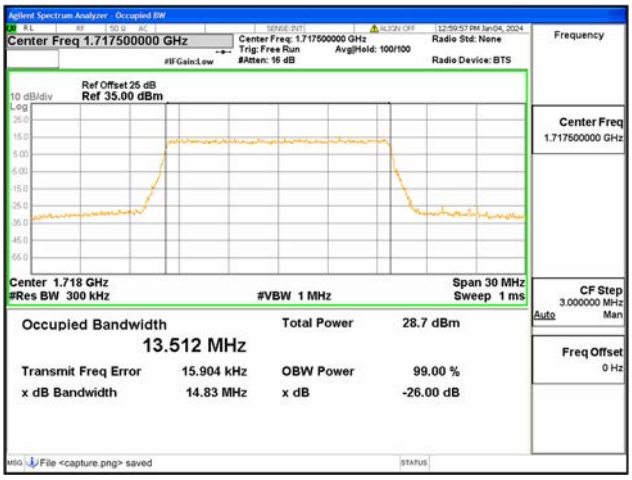
B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH

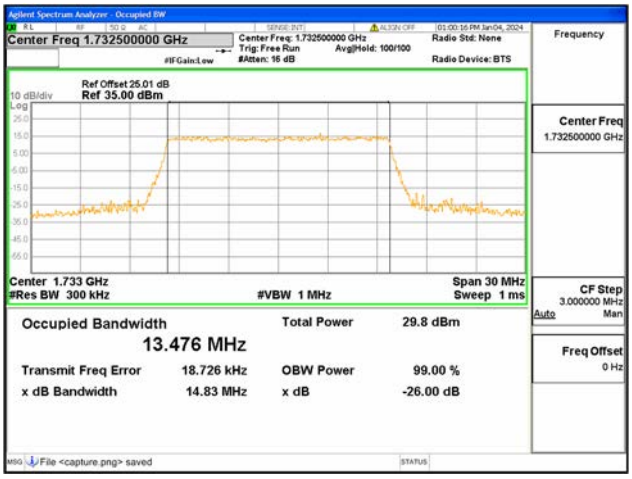


B4 / 15MHz / 16QAM/ Low CH

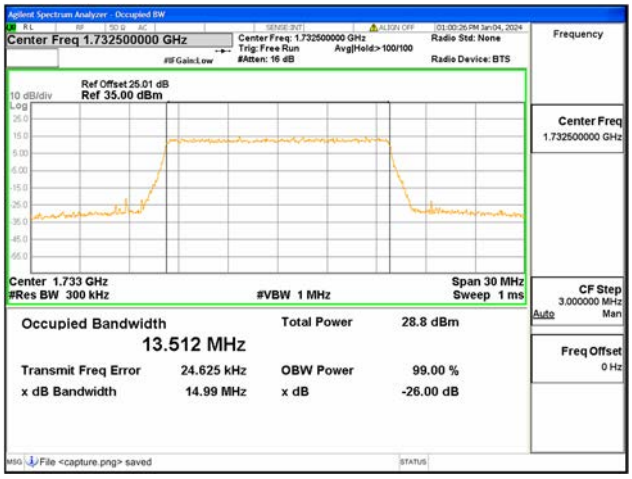


B4 / 15MHz / 64QAM/ Low CH

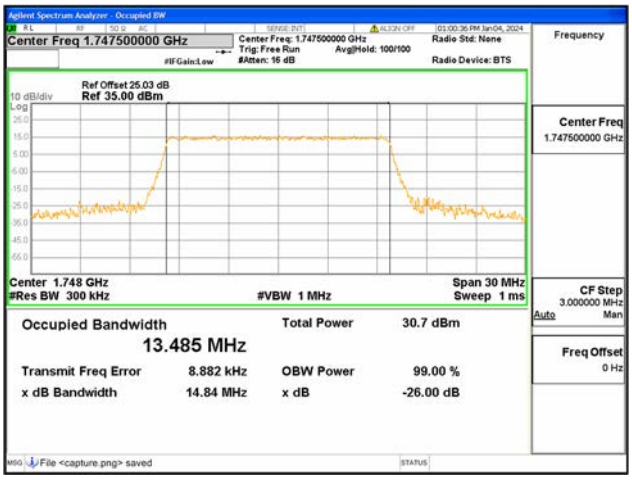
B4 / 15MHz / QPSK/ Mid CH



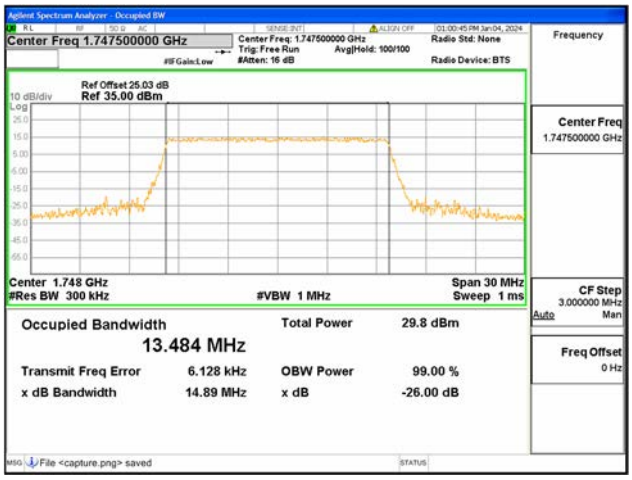
B4 / 15MHz / 16QAM/ Mid CH



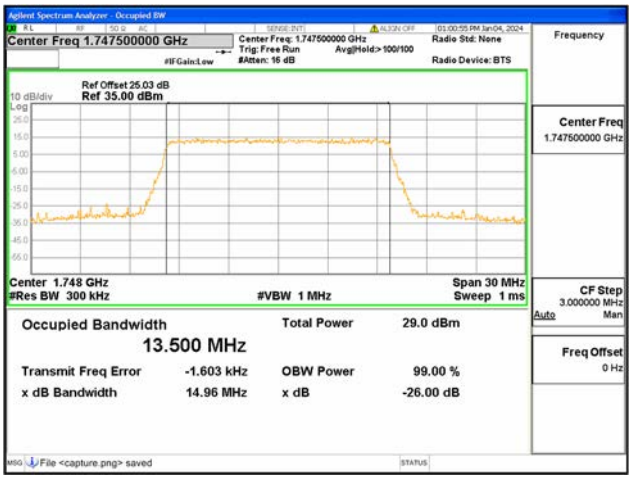
B4 / 15MHz / 64QAM/ Mid CH



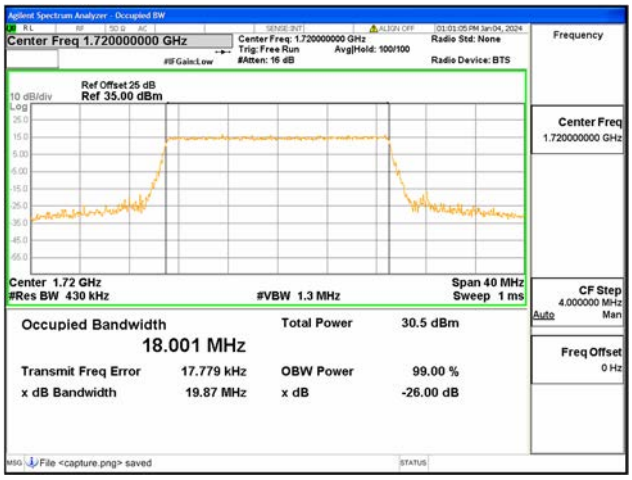
B4 / 15MHz / QPSK/ High CH



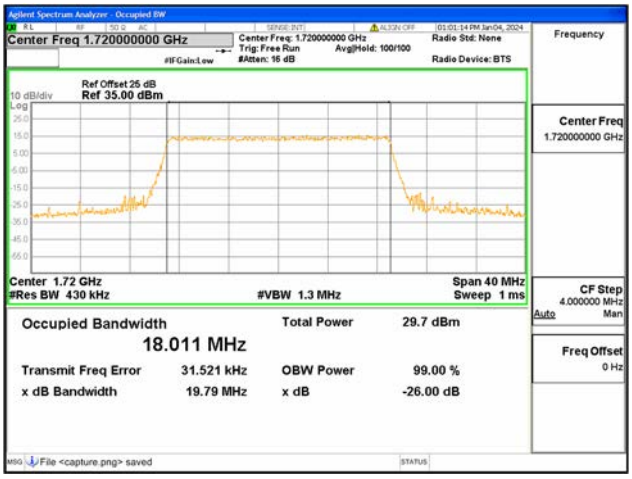
B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



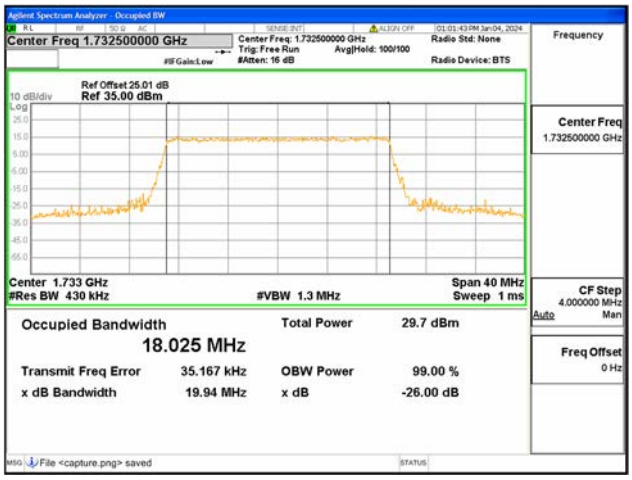
B4 / 20MHz / QPSK/ Low CH



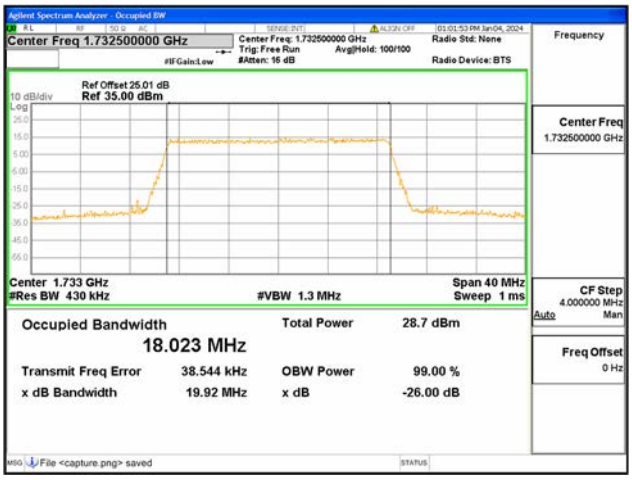
B4 / 20MHz / 16QAM/ Low CH

B4 / 20MHz / 64QAM/ Low CH

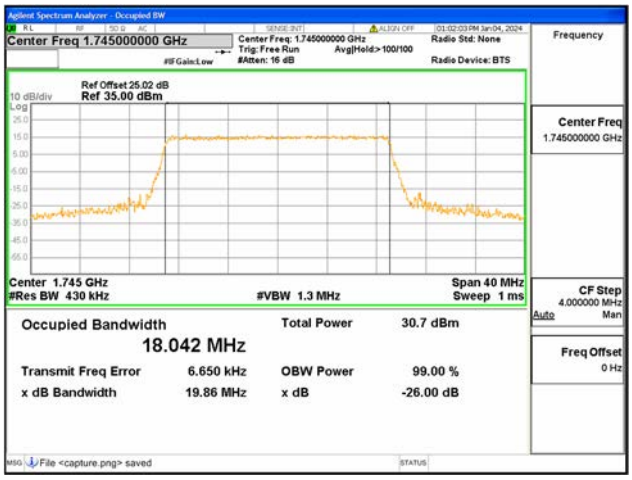
B4 / 20MHz / QPSK/ Mid CH



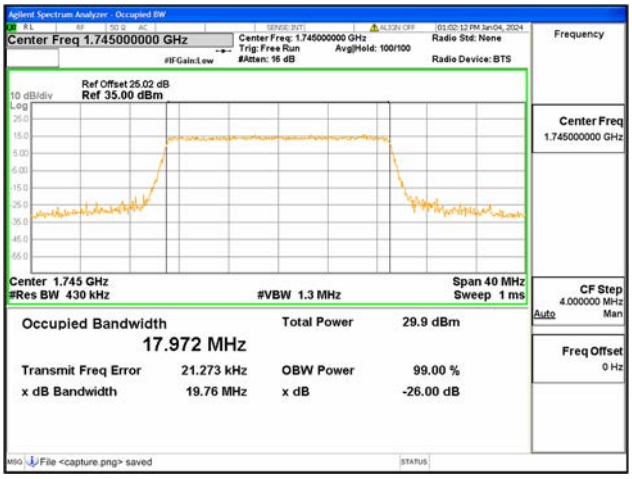
B4 / 20MHz / 16QAM/ Mid CH



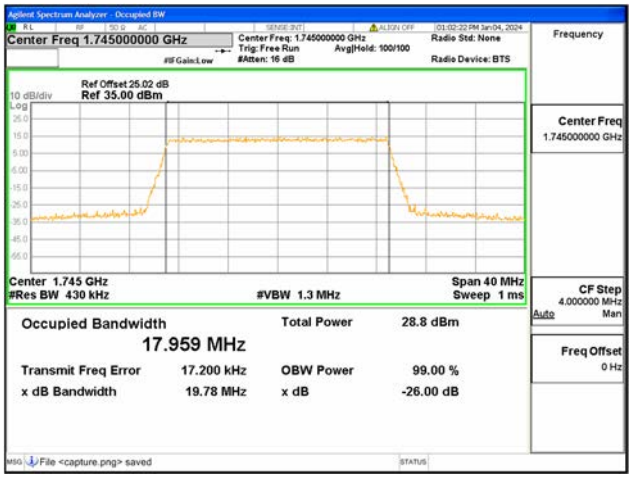
B4 / 20MHz / 64QAM/ Mid CH



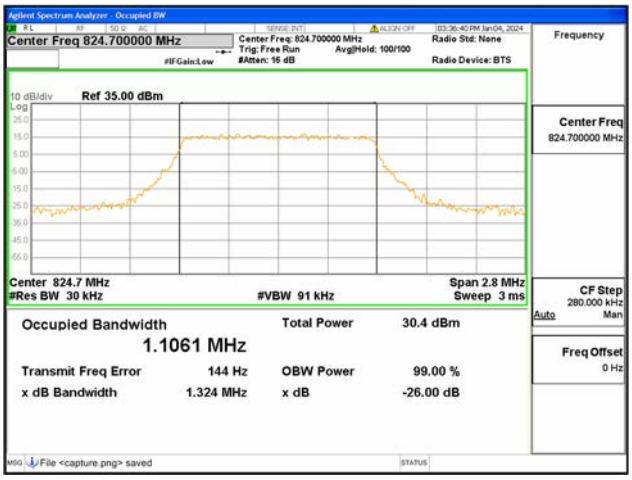
B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH

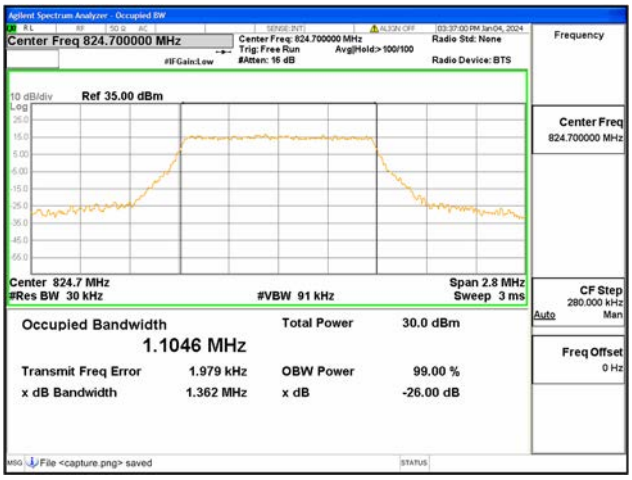


B4 / 20MHz / 64QAM/ High CH

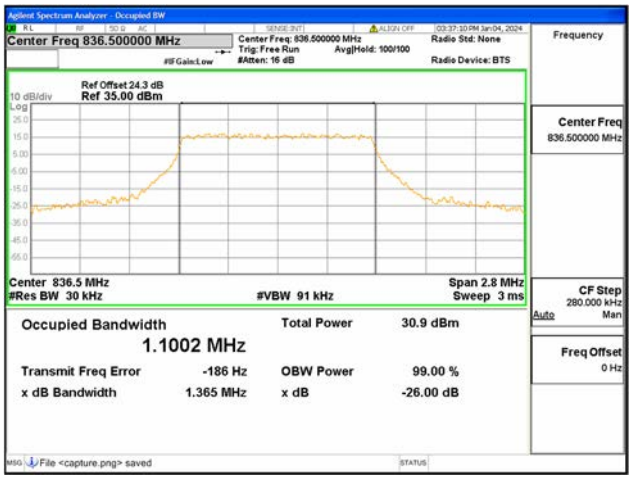


B5 / 1.4MHz / QPSK/ Low CH

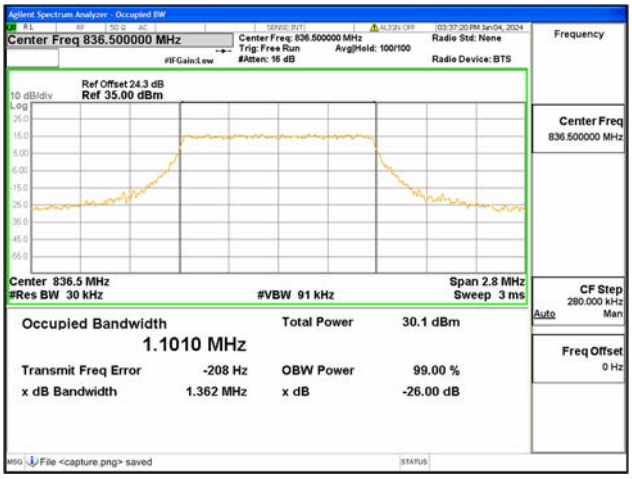
B5 / 1.4MHz / 16QAM/ Low CH



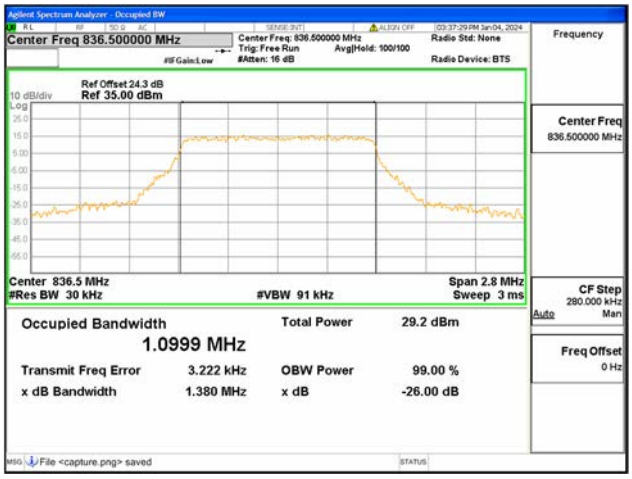
B5 / 1.4MHz / 64QAM/ Low CH



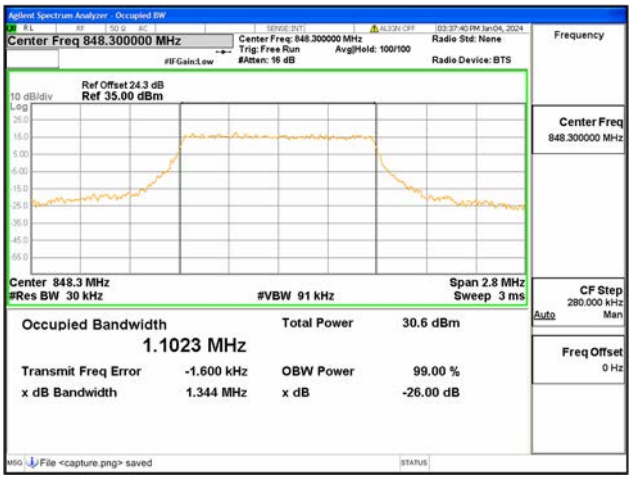
B5 / 1.4MHz / QPSK/ Mid CH



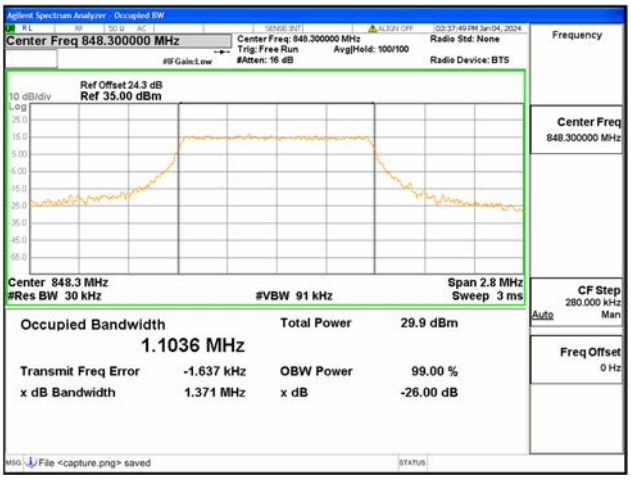
B5 / 1.4MHz / 16QAM/ Mid CH



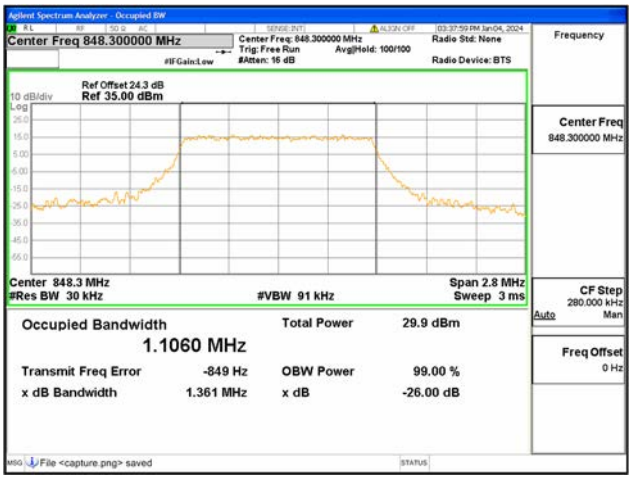
B5 / 1.4MHz / 64QAM/ Mid CH



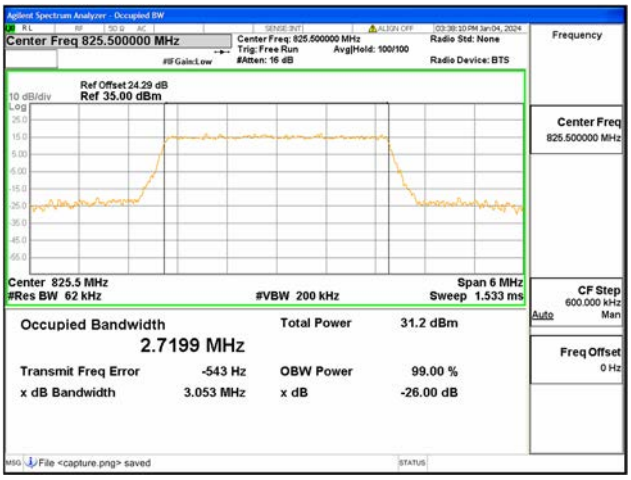
B5 / 1.4MHz / QPSK/ High CH



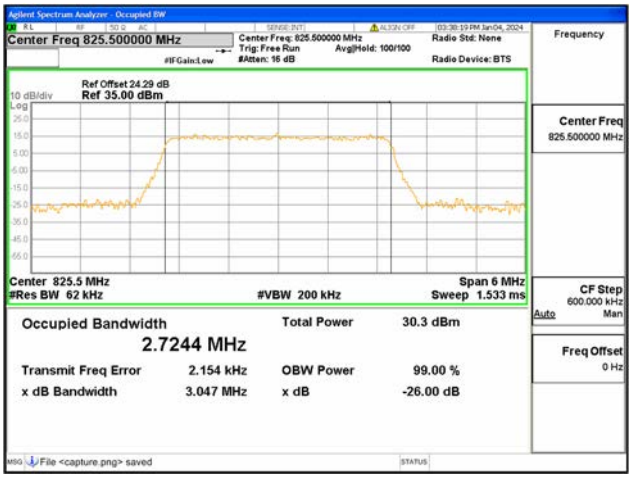
B5 / 1.4MHz / 16QAM/ High CH



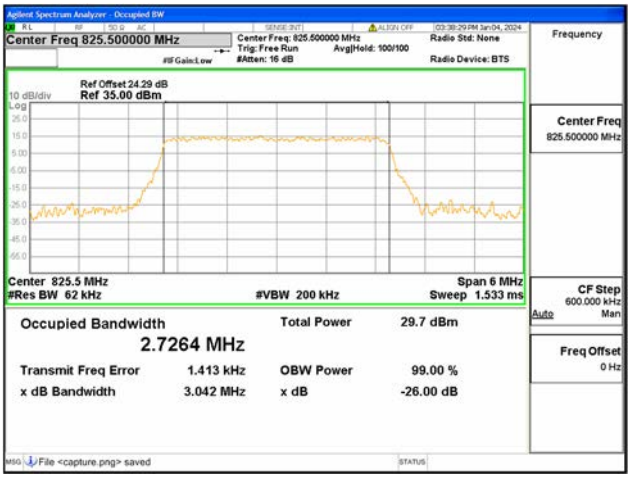
B5 / 1.4MHz / 64QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH