TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	F5
BRAND NAME	:	BLU
FCC ID	:	YHLBLU5C
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart F&H&L&M&N
RECEIPT DATE	:	2024-07-10
TEST DATE	:	2024-07-15 to 2024-08-26
ISSUE DATE	:	2024-09-04

Edited by: Zeng Xiaoying (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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MORLAB
Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

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Change History		
Version	Date	Reason for change
1.0	2024-09-04	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	15#	
Hardware Version:	BL_E115S2_01	
Software Version:	BLU_F0090_V14.0.02.00_GENERIC 12-07-2024	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 25 / 26 / 38 / 41 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz

		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5MHz, 10MHz
	LTE Band 13	5MHz, 10MHz
	LTE Band 17	5MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
ntenna Gain:	LTE Band 2	0.94dBi
	LTE Band 4	-1.94dBi
	LTE Band 5	-1.36dBi
	LTE Band 7	0.08dBi
	LTE Band 12	-1.85dBi
	LTE Band 13	-4.77dBi
	LTE Band 17	-1.85dBi
	LTE Band 25	0.94dBi
	LTE Band 26	-1.36Bi
	LTE Band 38	0.08dBi
	LTE Band 41	0.08dBi
	LTE Band 66	-1.94dBi
	LTE Band 71	-3.26dBi

Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C896551500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-HJ-2024
	Serial No.:	N/A
	Rated Output:	5.0V⎓2000mA
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Shenzhen Huajin Electronics 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	0.314	0.245	0.210	17M9G7D	17M9W7D	17M9W7D
15	0.308	0.241	0.205	13M4G7D	13M4W7D	13M4W7D
10	0.302	0.236	0.201	8M96G7D	8M94W7D	8M95W7D
5	0.299	0.233	0.198	4M48G7D	4M48W7D	4M48W7D
3	0.294	0.230	0.194	2M70G7D	2M70W7D	2M71W7D
1.4	0.293	0.229	0.193	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	0.164	0.130	0.101	17M9G7D	17M9W7D	17M9W7D
15	0.162	0.128	0.100	13M4G7D	13M4W7D	13M4W7D
10	0.160	0.127	0.099	8M95G7D	8M93W7D	8M94W7D
5	0.160	0.126	0.098	4M47G7D	4M48W7D	4M49W7D
3	0.158	0.125	0.097	2M70G7D	2M70W7D	2M70W7D
1.4	0.156	0.124	0.096	1M09G7D	1M10W7D	1M10W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.104	0.081	0.065	8M94G7D	8M93W7D	8M95W7D
5	0.103	0.081	0.064	4M48G7D	4M48W7D	4M48W7D
3	0.101	0.079	0.063	2M70G7D	2M70W7D	2M70W7D
1.4	0.101	0.079	0.063	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	0.186	0.147	0.116	17M9G7D	17M9W7D	17M9W7D
15	0.184	0.145	0.114	13M5G7D	13M4W7D	13M4W7D
10	0.182	0.144	0.114	8M97G7D	8M94W7D	8M95W7D
5	0.180	0.142	0.112	4M48G7D	4M48W7D	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	0.102	0.081	0.064	8M94G7D	8M93W7D	8M94W7D
5	0.101	0.080	0.063	4M47G7D	4M47W7D	4M48W7D
3	0.100	0.079	0.063	2M70G7D	2M70W7D	2M70W7D
1.4	0.100	0.079	0.062	1M10G7D	1M10W7D	1M10W7D

LTE Band 13	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.053	0.042	0.034	8M94G7D	8M93W7D	8M92W7D
5	0.053	0.042	0.034	4M48G7D	4M48W7D	4M48W7D
LTE Band 17	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.100	0.080	0.064	8M95G7D	8M92W7D	8M94W7D
5	0.099	0.079	0.063	4M47G7D	4M48W7D	4M48W7D
LTE Band 25	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.318	0.249	0.201	17M9G7D	17M9W7D	17M9W7D
15	0.316	0.248	0.200	13M5G7D	13M4W7D	13M4W7D
10	0.312	0.245	0.197	8M96G7D	8M94W7D	8M95W7D
5	0.310	0.244	0.196	4M47G7D	4M48W7D	4M48W7D
3	0.308	0.242	0.195	2M70G7D	2M70W7D	2M70W7D
1.4	0.305	0.240	0.193	1M10G7D	1M10W7D	1M10W7D
LTE Band 26	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.100	0.081	0.063	13M5G7D	13M4W7D	13M4W7D
10	0.099	0.082	0.063	8M95G7D	8M93W7D	8M96W7D
5	0.099	0.079	0.063	4M48G7D	4M48W7D	4M48W7D
3	0.098	0.080	0.062	2M70G7D	2M70W7D	2M70W7D
1.4	0.099	0.080	0.063	1M10G7D	1M10W7D	1M10W7D
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	0.212	0.167	0.132	17M9G7D	17M9W7D	17M9W7D
15	0.209	0.165	0.131	13M4G7D	13M4W7D	13M4W7D
10	0.208	0.164	0.130	8M95G7D	8M94W7D	8M94W7D
5	0.207	0.163	0.129	4M48G7D	4M47W7D	4M48W7D
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	0.168	0.130	0.102	17M9G7D	17M9W7D	17M9W7D
15	0.166	0.129	0.100	13M4G7D	13M4W7D	13M4W7D
10	0.164	0.127	0.099	8M95G7D	8M94W7D	8M94W7D
5	0.163	0.126	0.099	4M47G7D	4M48W7D	4M48W7D
3	0.160	0.124	0.097	2M70G7D	2M70W7D	2M70W7D
1.4	0.159	0.123	0.096	1M10G7D	1M10W7D	1M10W7D

LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.073	0.058	0.046	17M9G7D	17M9W7D	17M9W7D
15	0.072	0.057	0.046	13M5G7D	13M4W7D	13M4W7D
10	0.071	0.056	0.045	8M94G7D	8M93W7D	8M94W7D
5	0.071	0.056	0.045	4M47G7D	4M47W7D	4M48W7D

LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.356	0.280	0.223	0.176	0.139	0.111
15	0.352	0.276	0.220	0.175	0.138	0.110
10	0.349	0.274	0.218	0.173	0.136	0.109
5	0.346	0.272	0.216	0.171	0.135	0.108

LTE Band 41	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
20	17M9G7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M4W7D
10	8M94G7D	8M94W7D	8M96W7D
5	4M48G7D	4M48W7D	4M49W7D

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)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Aug. 26, 2024	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Jul. 16&20, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Aug. 20, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jul. 16&17, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jul. 24, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a)	Band Edge	Jul. 16&20, 2024	Gan Jing	PASS	No deviation

24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jul. 18, 2024	Gao Jianrou	PASS	No deviation
Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016. **Note 2:** 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 3:** 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 F&H&L&M&N Requirements

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

2.1.1. Requirement

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

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

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

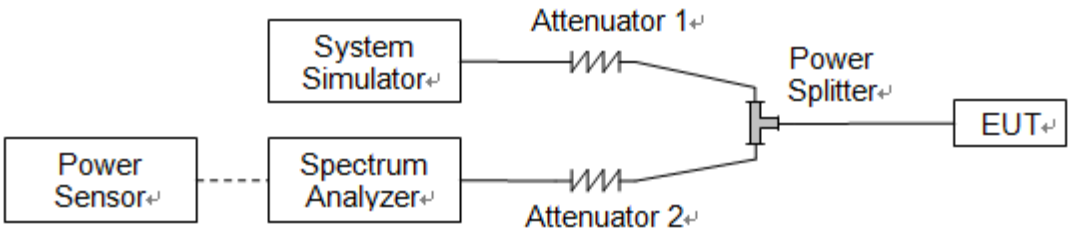
According to FCC section22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.96	24.03	23.97
20	QPSK	1	49	23.89	23.93	23.77
20	QPSK	1	99	23.84	23.90	23.71
20	QPSK	50	0	22.90	22.95	22.86
20	QPSK	50	24	22.75	22.80	22.65
20	QPSK	50	50	22.64	22.71	22.58
20	QPSK	100	0	22.72	22.77	22.62
20	16QAM	1	0	22.93	22.96	22.82
20	16QAM	1	49	22.87	22.91	22.74
20	16QAM	1	99	22.82	22.86	22.76
20	16QAM	50	0	22.16	22.21	22.07
20	16QAM	50	24	22.10	22.17	22.02
20	16QAM	50	50	22.03	22.08	22.03
20	16QAM	100	0	22.08	22.13	22.01
20	64QAM	1	0	22.24	22.28	22.12
20	64QAM	1	49	22.19	22.25	22.06
20	64QAM	1	99	22.13	22.20	22.07
20	64QAM	50	0	21.15	21.19	21.05
20	64QAM	50	24	21.12	21.16	20.98
20	64QAM	50	50	21.01	21.07	20.92
20	64QAM	100	0	21.07	21.11	20.96

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	23.88	23.95	23.89
15	QPSK	1	37	23.81	23.85	23.69
15	QPSK	1	74	23.76	23.82	23.63
15	QPSK	36	0	22.73	22.77	22.65
15	QPSK	36	20	22.67	22.72	22.57
15	QPSK	36	39	22.56	22.63	22.50
15	QPSK	75	0	22.64	22.69	22.54
15	16QAM	1	0	22.85	22.88	22.74
15	16QAM	1	37	22.79	22.83	22.66
15	16QAM	1	74	22.74	22.78	22.68
15	16QAM	36	0	22.05	22.10	21.96
15	16QAM	36	20	21.99	22.06	21.91
15	16QAM	36	39	21.92	21.97	21.83
15	16QAM	75	0	21.97	22.02	21.90
15	64QAM	1	0	22.13	22.17	22.01
15	64QAM	1	37	22.08	22.14	21.95
15	64QAM	1	74	22.02	22.09	21.96
15	64QAM	36	0	21.04	21.08	20.94
15	64QAM	36	20	21.01	21.05	20.87
15	64QAM	36	39	20.90	20.96	20.81
15	64QAM	75	0	20.96	21.00	20.85

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.79	23.86	23.80
10	QPSK	1	25	23.72	23.76	23.60
10	QPSK	1	49	23.67	23.73	23.54
10	QPSK	25	0	22.64	22.68	22.56
10	QPSK	25	12	22.58	22.63	22.48
10	QPSK	25	25	22.47	22.54	22.41
10	QPSK	50	0	22.55	22.60	22.45
10	16QAM	1	0	22.76	22.79	22.65
10	16QAM	1	25	22.70	22.74	22.57
10	16QAM	1	49	22.65	22.69	22.59
10	16QAM	25	0	21.97	22.02	21.88
10	16QAM	25	12	21.91	21.98	21.83
10	16QAM	25	25	21.84	21.89	21.75
10	16QAM	50	0	21.89	21.94	21.82
10	64QAM	1	0	22.05	22.09	21.93
10	64QAM	1	25	22.00	22.06	21.87
10	64QAM	1	49	21.94	22.01	21.88
10	64QAM	25	0	20.96	21.00	20.86
10	64QAM	25	12	20.93	20.97	20.79
10	64QAM	25	25	20.82	20.88	20.73
10	64QAM	50	0	20.88	20.92	20.77

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.74	23.81	23.75
5	QPSK	1	12	23.67	23.71	23.55
5	QPSK	1	24	23.62	23.68	23.49
5	QPSK	12	0	22.59	22.63	22.51
5	QPSK	12	7	22.53	22.58	22.43
5	QPSK	12	13	22.42	22.49	22.36
5	QPSK	25	0	22.50	22.55	22.40
5	16QAM	1	0	22.71	22.74	22.60
5	16QAM	1	12	22.65	22.69	22.52
5	16QAM	1	24	22.60	22.64	22.54
5	16QAM	12	0	21.90	21.95	21.81
5	16QAM	12	7	21.84	21.91	21.76
5	16QAM	12	13	21.77	21.82	21.68
5	16QAM	25	0	21.82	21.87	21.75
5	64QAM	1	0	21.98	22.02	21.86
5	64QAM	1	12	21.93	21.99	21.80
5	64QAM	1	24	21.87	21.94	21.81
5	64QAM	12	0	20.89	20.93	20.79
5	64QAM	12	7	20.86	20.90	20.72
5	64QAM	12	13	20.75	20.81	20.66
5	64QAM	25	0	20.81	20.85	20.70

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	23.68	23.75	23.69
3	QPSK	1	8	23.61	23.65	23.49
3	QPSK	1	14	23.56	23.62	23.43
3	QPSK	8	0	22.53	22.57	22.45
3	QPSK	8	4	22.47	22.52	22.37
3	QPSK	8	7	22.36	22.43	22.30
3	QPSK	15	0	22.44	22.49	22.34
3	16QAM	1	0	22.65	22.68	22.54
3	16QAM	1	8	22.59	22.63	22.46
3	16QAM	1	14	22.54	22.58	22.48
3	16QAM	8	0	21.81	21.86	21.72
3	16QAM	8	4	21.75	21.82	21.67
3	16QAM	8	7	21.68	21.73	21.59
3	16QAM	15	0	21.73	21.78	21.66
3	64QAM	1	0	21.89	21.93	21.77
3	64QAM	1	8	21.84	21.90	21.71
3	64QAM	1	14	21.78	21.85	21.72
3	64QAM	8	0	20.80	20.84	20.70
3	64QAM	8	4	20.77	20.81	20.63
3	64QAM	8	7	20.66	20.72	20.57
3	64QAM	15	0	20.72	20.76	20.61

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.66	23.73	23.67
1.4	QPSK	1	3	23.59	23.63	23.47
1.4	QPSK	1	5	23.54	23.60	23.41
1.4	QPSK	3	0	22.51	22.55	22.43
1.4	QPSK	3	1	22.45	22.50	22.35
1.4	QPSK	3	3	22.34	22.41	22.28
1.4	QPSK	6	0	22.42	22.47	22.32
1.4	16QAM	1	0	22.63	22.66	22.52
1.4	16QAM	1	3	22.57	22.61	22.44
1.4	16QAM	1	5	22.52	22.56	22.46
1.4	16QAM	3	0	21.79	21.84	21.70
1.4	16QAM	3	1	21.73	21.80	21.65
1.4	16QAM	3	3	21.66	21.71	21.57
1.4	16QAM	6	0	21.71	21.76	21.64
1.4	64QAM	1	0	21.87	21.91	21.75
1.4	64QAM	1	3	21.82	21.88	21.69
1.4	64QAM	1	5	21.76	21.83	21.70
1.4	64QAM	3	0	20.78	20.82	20.68
1.4	64QAM	3	1	20.75	20.79	20.61
1.4	64QAM	3	3	20.64	20.70	20.55
1.4	64QAM	6	0	20.70	20.74	20.59

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	24.01	24.10	24.07
20	QPSK	1	49	23.83	23.99	23.77
20	QPSK	1	99	23.88	23.93	23.80
20	QPSK	50	0	22.83	22.87	22.80
20	QPSK	50	24	22.71	22.84	22.62
20	QPSK	50	50	22.57	22.71	22.64
20	QPSK	100	0	22.68	22.83	22.76
20	16QAM	1	0	23.06	23.08	22.96
20	16QAM	1	49	22.70	22.96	22.67
20	16QAM	1	99	22.66	22.76	22.93
20	16QAM	50	0	21.96	21.95	21.82
20	16QAM	50	24	21.74	21.78	21.88
20	16QAM	50	50	21.76	21.88	21.88
20	16QAM	100	0	21.77	21.92	21.91
20	64QAM	1	0	21.81	21.99	21.91
20	64QAM	1	49	21.74	21.94	21.73
20	64QAM	1	99	21.90	21.90	21.90
20	64QAM	50	0	20.74	21.00	20.75
20	64QAM	50	24	20.61	20.95	20.71
20	64QAM	50	50	20.62	20.82	20.75
20	64QAM	100	0	20.72	20.87	20.84

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	23.95	24.04	24.01
15	QPSK	1	37	23.77	23.93	23.71
15	QPSK	1	74	23.82	23.87	23.74
15	QPSK	36	0	22.73	22.81	22.71
15	QPSK	36	20	22.65	22.78	22.56
15	QPSK	36	39	22.51	22.65	22.58
15	QPSK	75	0	22.62	22.77	22.70
15	16QAM	1	0	23.00	23.02	22.90
15	16QAM	1	37	22.64	22.90	22.61
15	16QAM	1	74	22.60	22.70	22.87
15	16QAM	36	0	21.90	21.89	21.76
15	16QAM	36	20	21.68	21.72	21.82
15	16QAM	36	39	21.70	21.82	21.82
15	16QAM	75	0	21.71	21.86	21.85
15	64QAM	1	0	21.75	21.93	21.85
15	64QAM	1	37	21.68	21.88	21.67
15	64QAM	1	74	21.84	21.84	21.84
15	64QAM	36	0	20.68	20.94	20.69
15	64QAM	36	20	20.55	20.89	20.65
15	64QAM	36	39	20.56	20.76	20.69
15	64QAM	75	0	20.66	20.81	20.78

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	23.90	23.99	23.96
10	QPSK	1	25	23.72	23.88	23.66
10	QPSK	1	49	23.77	23.82	23.69
10	QPSK	25	0	22.68	22.76	22.66
10	QPSK	25	12	22.60	22.73	22.51
10	QPSK	25	25	22.51	22.60	22.53
10	QPSK	50	0	22.57	22.72	22.65
10	16QAM	1	0	22.95	22.97	22.85
10	16QAM	1	25	22.59	22.85	22.56
10	16QAM	1	49	22.55	22.65	22.82
10	16QAM	25	0	21.85	21.84	21.71
10	16QAM	25	12	21.63	21.67	21.77
10	16QAM	25	25	21.65	21.77	21.77
10	16QAM	50	0	21.66	21.81	21.80
10	64QAM	1	0	21.70	21.88	21.80
10	64QAM	1	25	21.63	21.83	21.62
10	64QAM	1	49	21.79	21.79	21.79
10	64QAM	25	0	20.63	20.89	20.64
10	64QAM	25	12	20.50	20.84	20.60
10	64QAM	25	25	20.51	20.71	20.64
10	64QAM	50	0	20.61	20.76	20.73

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	23.88	23.97	23.94
5	QPSK	1	12	23.70	23.86	23.64
5	QPSK	1	24	23.75	23.80	23.67
5	QPSK	12	0	22.66	22.74	22.64
5	QPSK	12	7	22.58	22.71	22.49
5	QPSK	12	13	22.44	22.58	22.51
5	QPSK	25	0	22.55	22.70	22.63
5	16QAM	1	0	22.93	22.95	22.83
5	16QAM	1	12	22.57	22.83	22.54
5	16QAM	1	24	22.53	22.63	22.80
5	16QAM	12	0	21.83	21.82	21.69
5	16QAM	12	7	21.61	21.65	21.75
5	16QAM	12	13	21.63	21.75	21.75
5	16QAM	25	0	21.64	21.79	21.78
5	64QAM	1	0	21.68	21.86	21.78
5	64QAM	1	12	21.61	21.81	21.60
5	64QAM	1	24	21.77	21.77	21.77
5	64QAM	12	0	20.61	20.87	20.62
5	64QAM	12	7	20.48	20.82	20.58
5	64QAM	12	13	20.49	20.69	20.62
5	64QAM	25	0	20.59	20.74	20.71

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	23.85	23.94	23.91
3	QPSK	1	8	23.67	23.83	23.61
3	QPSK	1	14	23.72	23.77	23.64
3	QPSK	8	0	22.63	22.71	22.61
3	QPSK	8	4	22.55	22.68	22.46
3	QPSK	8	7	22.41	22.55	22.48
3	QPSK	15	0	22.52	22.67	22.60
3	16QAM	1	0	22.90	22.92	22.80
3	16QAM	1	8	22.54	22.80	22.51
3	16QAM	1	14	22.50	22.60	22.77
3	16QAM	8	0	21.80	21.79	21.66
3	16QAM	8	4	21.58	21.62	21.72
3	16QAM	8	7	21.60	21.72	21.72
3	16QAM	15	0	21.61	21.76	21.75
3	64QAM	1	0	21.65	21.83	21.75
3	64QAM	1	8	21.58	21.78	21.57
3	64QAM	1	14	21.74	21.74	21.74
3	64QAM	8	0	20.58	20.84	20.59
3	64QAM	8	4	20.45	20.79	20.55
3	64QAM	8	7	20.46	20.66	20.59
3	64QAM	15	0	20.56	20.71	20.68

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	23.79	23.88	23.85
1.4	QPSK	1	3	23.61	23.77	23.55
1.4	QPSK	1	5	23.66	23.71	23.58
1.4	QPSK	3	0	22.57	22.65	22.55
1.4	QPSK	3	1	22.49	22.62	22.40
1.4	QPSK	3	3	22.35	22.49	22.42
1.4	QPSK	6	0	22.46	22.61	22.54
1.4	16QAM	1	0	22.84	22.86	22.74
1.4	16QAM	1	3	22.48	22.74	22.45
1.4	16QAM	1	5	22.44	22.54	22.71
1.4	16QAM	3	0	21.74	21.73	21.60
1.4	16QAM	3	1	21.52	21.56	21.66
1.4	16QAM	3	3	21.54	21.66	21.66
1.4	16QAM	6	0	21.55	21.70	21.69
1.4	64QAM	1	0	21.59	21.77	21.69
1.4	64QAM	1	3	21.52	21.72	21.51
1.4	64QAM	1	5	21.68	21.68	21.68
1.4	64QAM	3	0	20.52	20.78	20.53
1.4	64QAM	3	1	20.39	20.73	20.49
1.4	64QAM	3	3	20.40	20.60	20.53
1.4	64QAM	6	0	20.50	20.65	20.62

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	23.61	23.69	23.66
10	QPSK	1	25	23.39	23.58	23.43
10	QPSK	1	49	23.42	23.43	23.54
10	QPSK	25	0	22.50	22.55	22.44
10	QPSK	25	12	22.31	22.51	22.34
10	QPSK	25	25	22.38	22.31	22.23
10	QPSK	50	0	22.22	22.32	22.35
10	16QAM	1	0	22.53	22.62	22.60
10	16QAM	1	25	22.29	22.54	22.55
10	16QAM	1	49	22.32	22.53	22.57
10	16QAM	25	0	21.50	21.53	21.49
10	16QAM	25	12	21.31	21.44	21.45
10	16QAM	25	25	21.33	21.38	21.27
10	16QAM	50	0	21.35	21.51	21.29
10	64QAM	1	0	21.51	21.65	21.37
10	64QAM	1	25	21.40	21.60	21.51
10	64QAM	1	49	21.42	21.58	21.62
10	64QAM	25	0	20.28	20.42	20.32
10	64QAM	25	12	20.22	20.28	20.51
10	64QAM	25	25	20.26	20.32	20.42
10	64QAM	50	0	20.25	20.44	20.35

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	23.56	23.64	23.61
5	QPSK	1	12	23.34	23.53	23.38
5	QPSK	1	24	23.37	23.38	23.49
5	QPSK	12	0	22.45	22.50	22.39
5	QPSK	12	7	22.26	22.46	22.29
5	QPSK	12	13	22.33	22.26	22.18
5	QPSK	25	0	22.17	22.27	22.30
5	16QAM	1	0	22.48	22.57	22.55
5	16QAM	1	12	22.24	22.49	22.50
5	16QAM	1	24	22.27	22.48	22.52
5	16QAM	12	0	21.45	21.48	21.44
5	16QAM	12	7	21.26	21.39	21.40
5	16QAM	12	13	21.28	21.33	21.22
5	16QAM	25	0	21.30	21.46	21.24
5	64QAM	1	0	21.46	21.60	21.32
5	64QAM	1	12	21.35	21.55	21.46
5	64QAM	1	24	21.37	21.53	21.57
5	64QAM	12	0	20.23	20.37	20.27
5	64QAM	12	7	20.17	20.23	20.46
5	64QAM	12	13	20.21	20.27	20.37
5	64QAM	25	0	20.20	20.39	20.30

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	23.49	23.57	23.54
3	QPSK	1	8	23.27	23.46	23.31
3	QPSK	1	14	23.30	23.31	23.42
3	QPSK	8	0	22.38	22.43	22.32
3	QPSK	8	4	22.19	22.39	22.22
3	QPSK	8	7	22.26	22.19	22.11
3	QPSK	15	0	22.10	22.20	22.23
3	16QAM	1	0	22.41	22.50	22.48
3	16QAM	1	8	22.17	22.42	22.43
3	16QAM	1	14	22.20	22.41	22.45
3	16QAM	8	0	21.38	21.41	21.37
3	16QAM	8	4	21.19	21.32	21.33
3	16QAM	8	7	21.21	21.26	21.15
3	16QAM	15	0	21.23	21.39	21.17
3	64QAM	1	0	21.39	21.53	21.25
3	64QAM	1	8	21.28	21.48	21.39
3	64QAM	1	14	21.30	21.46	21.50
3	64QAM	8	0	20.16	20.30	20.20
3	64QAM	8	4	20.10	20.16	20.39
3	64QAM	8	7	20.14	20.20	20.30
3	64QAM	15	0	20.13	20.32	20.23

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.46	23.54	23.51
1.4	QPSK	1	3	23.24	23.43	23.28
1.4	QPSK	1	5	23.27	23.28	23.39
1.4	QPSK	3	0	22.35	22.40	22.29
1.4	QPSK	3	1	22.16	22.36	22.19
1.4	QPSK	3	3	22.23	22.16	22.08
1.4	QPSK	6	0	22.07	22.17	22.20
1.4	16QAM	1	0	22.38	22.47	22.45
1.4	16QAM	1	3	22.14	22.39	22.40
1.4	16QAM	1	5	22.17	22.38	22.42
1.4	16QAM	3	0	21.35	21.38	21.34
1.4	16QAM	3	1	21.16	21.29	21.30
1.4	16QAM	3	3	21.18	21.23	21.12
1.4	16QAM	6	0	21.20	21.36	21.14
1.4	64QAM	1	0	21.36	21.50	21.22
1.4	64QAM	1	3	21.25	21.45	21.36
1.4	64QAM	1	5	21.27	21.43	21.47
1.4	64QAM	3	0	20.13	20.27	20.17
1.4	64QAM	3	1	20.07	20.13	20.36
1.4	64QAM	3	3	20.11	20.17	20.27
1.4	64QAM	6	0	20.10	20.29	20.20

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	22.52	22.61	22.53
20	QPSK	1	49	22.52	22.45	22.38
20	QPSK	1	99	22.38	22.43	22.34
20	QPSK	50	0	21.45	21.50	21.35
20	QPSK	50	24	21.41	21.37	21.28
20	QPSK	50	50	21.21	21.35	21.38
20	QPSK	100	0	21.24	21.39	21.33
20	16QAM	1	0	21.38	21.58	21.42
20	16QAM	1	49	21.51	21.43	21.46
20	16QAM	1	99	21.27	21.51	21.30
20	16QAM	50	0	20.43	20.51	20.48
20	16QAM	50	24	20.32	20.49	20.42
20	16QAM	50	50	20.35	20.49	20.36
20	16QAM	100	0	20.23	20.45	20.46
20	64QAM	1	0	20.43	20.55	20.47
20	64QAM	1	49	20.29	20.39	20.30
20	64QAM	1	99	20.33	20.37	20.46
20	64QAM	50	0	19.45	19.50	19.37
20	64QAM	50	24	19.29	19.25	19.35
20	64QAM	50	50	19.15	19.45	19.28
20	64QAM	100	0	19.17	19.45	19.29

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	22.47	22.56	22.48
15	QPSK	1	37	22.47	22.40	22.33
15	QPSK	1	74	22.33	22.38	22.29
15	QPSK	36	0	21.40	21.45	21.30
15	QPSK	36	20	21.36	21.32	21.23
15	QPSK	36	39	21.16	21.30	21.33
15	QPSK	75	0	21.19	21.34	21.28
15	16QAM	1	0	21.33	21.53	21.37
15	16QAM	1	37	21.46	21.38	21.41
15	16QAM	1	74	21.22	21.46	21.25
15	16QAM	36	0	20.38	20.46	20.43
15	16QAM	36	20	20.27	20.44	20.37
15	16QAM	36	39	20.30	20.44	20.31
15	16QAM	75	0	20.18	20.40	20.41
15	64QAM	1	0	20.38	20.50	20.42
15	64QAM	1	37	20.24	20.34	20.25
15	64QAM	1	74	20.28	20.32	20.41
15	64QAM	36	0	19.40	19.45	19.32
15	64QAM	36	20	19.24	19.20	19.30
15	64QAM	36	39	19.10	19.40	19.23
15	64QAM	75	0	19.12	19.40	19.24

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.44	22.53	22.45
10	QPSK	1	25	22.44	22.37	22.30
10	QPSK	1	49	22.30	22.35	22.26
10	QPSK	25	0	21.37	21.42	21.27
10	QPSK	25	12	21.33	21.29	21.20
10	QPSK	25	25	21.13	21.27	21.30
10	QPSK	50	0	21.16	21.31	21.25
10	16QAM	1	0	21.30	21.50	21.34
10	16QAM	1	25	21.43	21.35	21.38
10	16QAM	1	49	21.19	21.43	21.22
10	16QAM	25	0	20.35	20.43	20.40
10	16QAM	25	12	20.24	20.41	20.34
10	16QAM	25	25	20.27	20.41	20.28
10	16QAM	50	0	20.15	20.37	20.38
10	64QAM	1	0	20.35	20.47	20.39
10	64QAM	1	25	20.21	20.31	20.22
10	64QAM	1	49	20.25	20.29	20.38
10	64QAM	25	0	19.37	19.42	19.29
10	64QAM	25	12	19.21	19.17	19.27
10	64QAM	25	25	19.07	19.37	19.20
10	64QAM	50	0	19.09	19.37	19.21

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	22.39	22.48	22.40
5	QPSK	1	12	22.39	22.32	22.25
5	QPSK	1	24	22.25	22.30	22.21
5	QPSK	12	0	21.32	21.37	21.22
5	QPSK	12	7	21.28	21.24	21.15
5	QPSK	12	13	21.08	21.22	21.25
5	QPSK	25	0	21.11	21.26	21.20
5	16QAM	1	0	21.25	21.45	21.29
5	16QAM	1	12	21.38	21.30	21.33
5	16QAM	1	24	21.14	21.38	21.17
5	16QAM	12	0	20.30	20.38	20.35
5	16QAM	12	7	20.19	20.36	20.29
5	16QAM	12	13	20.22	20.36	20.23
5	16QAM	25	0	20.10	20.32	20.33
5	64QAM	1	0	20.30	20.42	20.34
5	64QAM	1	12	20.16	20.26	20.17
5	64QAM	1	24	20.20	20.24	20.33
5	64QAM	12	0	19.32	19.37	19.24
5	64QAM	12	7	19.16	19.12	19.22
5	64QAM	12	13	19.02	19.32	19.15
5	64QAM	25	0	19.04	19.32	19.16

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.94	24.08	24.04
10	QPSK	1	25	23.78	24.01	24.02
10	QPSK	1	49	23.77	23.80	23.77
10	QPSK	25	0	22.80	22.90	22.87
10	QPSK	25	12	22.71	22.82	22.85
10	QPSK	25	25	22.66	22.69	22.68
10	QPSK	50	0	22.69	22.77	22.81
10	16QAM	1	0	22.88	23.07	23.05
10	16QAM	1	25	22.84	22.89	22.85
10	16QAM	1	49	22.81	22.97	22.88
10	16QAM	25	0	21.76	21.92	21.85
10	16QAM	25	12	21.65	21.85	21.69
10	16QAM	25	25	21.70	21.89	21.88
10	16QAM	50	0	21.71	21.85	21.77
10	64QAM	1	0	21.89	22.04	21.94
10	64QAM	1	25	21.93	22.02	21.92
10	64QAM	1	49	21.76	22.04	21.77
10	64QAM	25	0	20.81	20.91	20.74
10	64QAM	25	12	20.80	20.75	20.78
10	64QAM	25	25	20.62	20.88	20.84
10	64QAM	50	0	20.68	20.86	20.80

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	23.89	24.03	23.99
5	QPSK	1	12	23.73	23.96	23.97
5	QPSK	1	24	23.72	23.75	23.72
5	QPSK	12	0	22.75	22.85	22.82
5	QPSK	12	7	22.66	22.77	22.80
5	QPSK	12	13	22.61	22.64	22.63
5	QPSK	25	0	22.64	22.72	22.76
5	16QAM	1	0	22.83	23.02	23.00
5	16QAM	1	12	22.79	22.84	22.80
5	16QAM	1	24	22.76	22.92	22.83
5	16QAM	12	0	21.71	21.87	21.80
5	16QAM	12	7	21.60	21.80	21.64
5	16QAM	12	13	21.65	21.84	21.83
5	16QAM	25	0	21.66	21.80	21.72
5	64QAM	1	0	21.84	21.99	21.89
5	64QAM	1	12	21.88	21.97	21.87
5	64QAM	1	24	21.71	21.99	21.72
5	64QAM	12	0	20.76	20.86	20.69
5	64QAM	12	7	20.75	20.70	20.73
5	64QAM	12	13	20.57	20.83	20.79
5	64QAM	25	0	20.63	20.81	20.75

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	23.86	24.00	23.96
3	QPSK	1	8	23.70	23.93	23.94
3	QPSK	1	14	23.69	23.72	23.69
3	QPSK	8	0	22.72	22.82	22.79
3	QPSK	8	4	22.63	22.74	22.77
3	QPSK	8	7	22.58	22.61	22.60
3	QPSK	15	0	22.61	22.69	22.73
3	16QAM	1	0	22.80	22.99	22.97
3	16QAM	1	8	22.76	22.81	22.77
3	16QAM	1	14	22.73	22.89	22.80
3	16QAM	8	0	21.68	21.84	21.77
3	16QAM	8	4	21.57	21.77	21.61
3	16QAM	8	7	21.62	21.81	21.80
3	16QAM	15	0	21.63	21.77	21.69
3	64QAM	1	0	21.81	21.96	21.86
3	64QAM	1	8	21.85	21.94	21.84
3	64QAM	1	14	21.68	21.96	21.69
3	64QAM	8	0	20.73	20.83	20.66
3	64QAM	8	4	20.72	20.67	20.70
3	64QAM	8	7	20.54	20.80	20.76
3	64QAM	15	0	20.60	20.78	20.72

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	23.84	23.98	23.94
1.4	QPSK	1	3	23.68	23.91	23.92
1.4	QPSK	1	5	23.67	23.70	23.67
1.4	QPSK	3	0	22.70	22.80	22.77
1.4	QPSK	3	1	22.61	22.72	22.75
1.4	QPSK	3	3	22.56	22.59	22.58
1.4	QPSK	6	0	22.59	22.67	22.71
1.4	16QAM	1	0	22.78	22.97	22.95
1.4	16QAM	1	3	22.74	22.79	22.75
1.4	16QAM	1	5	22.71	22.87	22.78
1.4	16QAM	3	0	21.66	21.82	21.75
1.4	16QAM	3	1	21.55	21.75	21.59
1.4	16QAM	3	3	21.60	21.79	21.78
1.4	16QAM	6	0	21.61	21.75	21.67
1.4	64QAM	1	0	21.79	21.94	21.84
1.4	64QAM	1	3	21.83	21.92	21.82
1.4	64QAM	1	5	21.66	21.94	21.67
1.4	64QAM	3	0	20.71	20.81	20.64
1.4	64QAM	3	1	20.70	20.65	20.68
1.4	64QAM	3	3	20.52	20.78	20.74
1.4	64QAM	6	0	20.58	20.76	20.70

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	24.18	/
10	QPSK	1	25	/	24.10	/
10	QPSK	1	49	/	24.13	/
10	QPSK	25	0	/	23.17	/
10	QPSK	25	12	/	23.10	/
10	QPSK	25	25	/	23.05	/
10	QPSK	50	0	/	23.09	/
10	16QAM	1	0	/	23.18	/
10	16QAM	1	25	/	23.11	/
10	16QAM	1	49	/	23.07	/
10	16QAM	25	0	/	22.11	/
10	16QAM	25	12	/	22.06	/
10	16QAM	25	25	/	21.99	/
10	16QAM	50	0	/	22.04	/
10	64QAM	1	0	/	22.24	/
10	64QAM	1	25	/	22.19	/
10	64QAM	1	49	/	22.15	/
10	64QAM	25	0	/	21.12	/
10	64QAM	25	12	/	21.04	/
10	64QAM	25	25	/	21.01	/
10	64QAM	50	0	/	21.07	/

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	24.07	24.10	24.14
5	QPSK	1	12	24.12	24.13	24.10
5	QPSK	1	24	23.95	24.07	24.06
5	QPSK	12	0	22.91	23.06	22.92
5	QPSK	12	7	22.85	23.02	22.82
5	QPSK	12	13	22.95	22.90	22.95
5	QPSK	25	0	22.98	23.16	22.93
5	16QAM	1	0	23.09	23.15	23.14
5	16QAM	1	12	23.07	23.12	22.95
5	16QAM	1	24	23.11	23.11	23.07
5	16QAM	12	0	22.04	22.13	22.01
5	16QAM	12	7	22.05	22.00	21.98
5	16QAM	12	13	21.87	22.06	22.02
5	16QAM	25	0	21.93	22.01	21.96
5	64QAM	1	0	22.01	22.24	22.16
5	64QAM	1	12	22.17	22.22	22.10
5	64QAM	1	24	21.93	21.98	21.92
5	64QAM	12	0	20.90	21.20	21.15
5	64QAM	12	7	20.84	20.89	21.06
5	64QAM	12	13	20.96	21.03	20.90
5	64QAM	25	0	20.83	20.98	20.84

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.95	24.02	24.00
10	QPSK	1	25	23.86	23.91	23.77
10	QPSK	1	49	23.76	23.88	23.97
10	QPSK	25	0	22.85	22.93	22.89
10	QPSK	25	12	22.73	22.78	22.76
10	QPSK	25	25	22.72	22.82	22.73
10	QPSK	50	0	22.77	22.85	22.80
10	16QAM	1	0	22.94	23.02	22.88
10	16QAM	1	25	22.84	22.92	22.78
10	16QAM	1	49	22.82	22.96	22.97
10	16QAM	25	0	21.80	21.87	21.79
10	16QAM	25	12	21.71	21.85	21.73
10	16QAM	25	25	21.65	21.79	21.70
10	16QAM	50	0	21.77	21.73	21.73
10	64QAM	1	0	21.81	22.04	21.89
10	64QAM	1	25	21.85	22.03	21.73
10	64QAM	1	49	21.77	21.98	21.92
10	64QAM	25	0	20.77	20.90	20.74
10	64QAM	25	12	20.71	20.80	20.65
10	64QAM	25	25	20.71	20.85	20.73
10	64QAM	50	0	20.74	20.83	20.76

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.90	23.97	23.95
5	QPSK	1	12	23.81	23.86	23.72
5	QPSK	1	24	23.71	23.83	23.92
5	QPSK	12	0	22.67	22.78	22.77
5	QPSK	12	7	22.68	22.73	22.71
5	QPSK	12	13	22.67	22.77	22.68
5	QPSK	25	0	22.72	22.80	22.75
5	16QAM	1	0	22.89	22.97	22.83
5	16QAM	1	12	22.79	22.87	22.73
5	16QAM	1	24	22.77	22.91	22.92
5	16QAM	12	0	21.75	21.82	21.74
5	16QAM	12	7	21.66	21.80	21.68
5	16QAM	12	13	21.60	21.74	21.65
5	16QAM	25	0	21.72	21.68	21.68
5	64QAM	1	0	21.76	21.99	21.84
5	64QAM	1	12	21.80	21.98	21.68
5	64QAM	1	24	21.72	21.93	21.87
5	64QAM	12	0	20.72	20.85	20.69
5	64QAM	12	7	20.66	20.75	20.60
5	64QAM	12	13	20.66	20.80	20.68
5	64QAM	25	0	20.69	20.78	20.71

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	24.07	24.08	23.99
20	QPSK	1	49	23.92	24.00	23.90
20	QPSK	1	99	23.85	24.03	23.83
20	QPSK	50	0	22.84	22.95	22.90
20	QPSK	50	24	22.72	22.86	22.77
20	QPSK	50	50	22.81	22.92	22.88
20	QPSK	100	0	22.83	22.88	22.75
20	16QAM	1	0	23.01	23.03	22.90
20	16QAM	1	49	22.75	22.95	22.96
20	16QAM	1	99	22.76	22.82	23.01
20	16QAM	50	0	21.76	21.97	21.88
20	16QAM	50	24	21.69	21.80	21.92
20	16QAM	50	50	21.73	21.90	21.79
20	16QAM	100	0	21.78	21.93	22.01
20	64QAM	1	0	21.96	22.09	22.03
20	64QAM	1	49	21.98	21.93	22.02
20	64QAM	1	99	21.83	22.05	22.07
20	64QAM	50	0	20.83	20.95	20.86
20	64QAM	50	24	20.87	20.92	20.80
20	64QAM	50	50	20.77	20.86	20.78
20	64QAM	100	0	20.70	20.74	20.68

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	24.04	24.05	23.96
15	QPSK	1	37	23.89	23.97	23.87
15	QPSK	1	74	23.82	24.00	23.80
15	QPSK	36	0	22.81	22.92	22.87
15	QPSK	36	20	22.69	22.83	22.74
15	QPSK	36	39	22.78	22.89	22.85
15	QPSK	75	0	22.80	22.85	22.72
15	16QAM	1	0	22.98	23.00	22.87
15	16QAM	1	37	22.72	22.92	22.93
15	16QAM	1	74	22.73	22.79	22.98
15	16QAM	36	0	21.73	21.94	21.85
15	16QAM	36	20	21.66	21.77	21.89
15	16QAM	36	39	21.70	21.87	21.76
15	16QAM	75	0	21.75	21.90	21.98
15	64QAM	1	0	21.93	22.06	22.00
15	64QAM	1	37	21.95	21.90	21.99
15	64QAM	1	74	21.80	22.02	22.04
15	64QAM	36	0	20.80	20.92	20.83
15	64QAM	36	20	20.84	20.89	20.77
15	64QAM	36	39	20.74	20.83	20.75
15	64QAM	75	0	20.67	20.71	20.65

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.99	24.00	23.91
10	QPSK	1	25	23.84	23.92	23.82
10	QPSK	1	49	23.77	23.95	23.75
10	QPSK	25	0	22.76	22.87	22.82
10	QPSK	25	12	22.64	22.78	22.69
10	QPSK	25	25	22.73	22.84	22.80
10	QPSK	50	0	22.75	22.80	22.67
10	16QAM	1	0	22.93	22.95	22.82
10	16QAM	1	25	22.67	22.87	22.88
10	16QAM	1	49	22.68	22.74	22.93
10	16QAM	25	0	21.68	21.89	21.80
10	16QAM	25	12	21.61	21.72	21.84
10	16QAM	25	25	21.65	21.82	21.71
10	16QAM	50	0	21.70	21.85	21.93
10	64QAM	1	0	21.88	22.01	21.95
10	64QAM	1	25	21.90	21.85	21.94
10	64QAM	1	49	21.75	21.97	21.99
10	64QAM	25	0	20.75	20.87	20.78
10	64QAM	25	12	20.79	20.84	20.72
10	64QAM	25	25	20.69	20.78	20.70
10	64QAM	50	0	20.62	20.66	20.60

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.97	23.98	23.89
5	QPSK	1	12	23.82	23.90	23.80
5	QPSK	1	24	23.75	23.93	23.73
5	QPSK	12	0	22.74	22.85	22.80
5	QPSK	12	7	22.62	22.76	22.67
5	QPSK	12	13	22.71	22.82	22.78
5	QPSK	25	0	22.73	22.78	22.65
5	16QAM	1	0	22.91	22.93	22.80
5	16QAM	1	12	22.65	22.85	22.86
5	16QAM	1	24	22.66	22.72	22.91
5	16QAM	12	0	21.66	21.87	21.78
5	16QAM	12	7	21.59	21.70	21.82
5	16QAM	12	13	21.63	21.80	21.69
5	16QAM	25	0	21.68	21.83	21.91
5	64QAM	1	0	21.86	21.99	21.93
5	64QAM	1	12	21.88	21.83	21.92
5	64QAM	1	24	21.73	21.95	21.97
5	64QAM	12	0	20.73	20.85	20.76
5	64QAM	12	7	20.77	20.82	20.70
5	64QAM	12	13	20.67	20.76	20.68
5	64QAM	25	0	20.60	20.64	20.58

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	23.93	23.94	23.85
3	QPSK	1	8	23.78	23.86	23.76
3	QPSK	1	14	23.71	23.89	23.69
3	QPSK	8	0	22.70	22.81	22.76
3	QPSK	8	4	22.58	22.72	22.63
3	QPSK	8	7	22.67	22.78	22.74
3	QPSK	15	0	22.69	22.74	22.61
3	16QAM	1	0	22.87	22.89	22.76
3	16QAM	1	8	22.61	22.81	22.82
3	16QAM	1	14	22.62	22.68	22.87
3	16QAM	8	0	21.62	21.83	21.74
3	16QAM	8	4	21.55	21.66	21.78
3	16QAM	8	7	21.59	21.76	21.65
3	16QAM	15	0	21.64	21.79	21.87
3	64QAM	1	0	21.82	21.95	21.89
3	64QAM	1	8	21.84	21.79	21.88
3	64QAM	1	14	21.69	21.91	21.93
3	64QAM	8	0	20.69	20.81	20.72
3	64QAM	8	4	20.73	20.78	20.66
3	64QAM	8	7	20.63	20.72	20.64
3	64QAM	15	0	20.56	20.60	20.54

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.90	23.91	23.82
1.4	QPSK	1	3	23.75	23.83	23.73
1.4	QPSK	1	5	23.68	23.86	23.66
1.4	QPSK	3	0	22.67	22.78	22.73
1.4	QPSK	3	1	22.55	22.69	22.60
1.4	QPSK	3	3	22.64	22.75	22.71
1.4	QPSK	6	0	22.66	22.71	22.58
1.4	16QAM	1	0	22.84	22.86	22.73
1.4	16QAM	1	3	22.58	22.78	22.79
1.4	16QAM	1	5	22.59	22.65	22.84
1.4	16QAM	3	0	21.59	21.80	21.71
1.4	16QAM	3	1	21.52	21.63	21.75
1.4	16QAM	3	3	21.56	21.73	21.62
1.4	16QAM	6	0	21.61	21.76	21.84
1.4	64QAM	1	0	21.79	21.92	21.86
1.4	64QAM	1	3	21.81	21.76	21.85
1.4	64QAM	1	5	21.66	21.88	21.90
1.4	64QAM	3	0	20.66	20.78	20.69
1.4	64QAM	3	1	20.70	20.75	20.63
1.4	64QAM	3	3	20.60	20.69	20.61
1.4	64QAM	6	0	20.53	20.57	20.51

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.36	23.38	23.42
15	QPSK	1	37	23.49	23.46	23.44
15	QPSK	1	74	23.44	23.42	23.29
15	QPSK	36	0	22.37	22.43	22.47
15	QPSK	36	20	22.45	22.43	22.47
15	QPSK	36	39	22.46	22.43	22.47
15	QPSK	75	0	22.46	22.44	22.19
15	16QAM	1	0	22.26	22.31	22.58
15	16QAM	1	37	22.39	22.23	22.61
15	16QAM	1	74	22.19	22.18	22.62
15	16QAM	36	0	21.39	21.43	21.47
15	16QAM	36	20	21.46	21.42	21.48
15	16QAM	36	39	21.46	21.43	21.36
15	16QAM	75	0	21.47	21.45	21.50
15	64QAM	1	0	21.03	21.19	21.50
15	64QAM	1	37	21.44	21.41	21.45
15	64QAM	1	74	21.23	21.31	21.32
15	64QAM	36	0	20.40	20.41	20.48
15	64QAM	36	20	20.46	20.46	20.37
15	64QAM	36	39	20.47	20.47	20.32
15	64QAM	75	0	20.46	20.45	20.49

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	23.26	23.43	23.42
10	QPSK	1	25	23.36	23.45	23.37
10	QPSK	1	49	23.45	23.41	23.43
10	QPSK	25	0	22.43	22.47	22.49
10	QPSK	25	12	22.43	22.46	22.48
10	QPSK	25	25	22.46	22.47	22.46
10	QPSK	50	0	22.46	22.44	22.48
10	16QAM	1	0	22.43	22.25	22.60
10	16QAM	1	25	22.50	22.26	22.63
10	16QAM	1	49	22.66	22.24	22.13
10	16QAM	25	0	21.42	21.45	21.50
10	16QAM	25	12	21.41	21.44	21.48
10	16QAM	25	25	21.45	21.46	21.45
10	16QAM	50	0	21.45	21.45	21.47
10	64QAM	1	0	21.46	21.00	21.47
10	64QAM	1	25	21.43	20.92	21.42
10	64QAM	1	49	21.47	20.98	21.03
10	64QAM	25	0	20.42	20.44	20.47
10	64QAM	25	12	20.40	20.44	20.46
10	64QAM	25	25	20.45	20.45	20.47
10	64QAM	50	0	20.45	20.42	20.45

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.43	23.36	23.29
5	QPSK	1	12	23.44	23.47	23.24
5	QPSK	1	24	23.34	23.45	23.24
5	QPSK	12	0	22.49	22.49	22.11
5	QPSK	12	7	22.48	22.52	22.17
5	QPSK	12	13	22.46	22.49	22.13
5	QPSK	25	0	22.48	22.22	22.53
5	16QAM	1	0	22.47	22.36	22.40
5	16QAM	1	12	22.47	22.42	22.48
5	16QAM	1	24	22.48	22.37	22.41
5	16QAM	12	0	21.38	21.37	21.37
5	16QAM	12	7	21.40	21.44	21.37
5	16QAM	12	13	21.36	21.35	21.33
5	16QAM	25	0	21.48	21.44	21.45
5	64QAM	1	0	21.50	21.41	21.28
5	64QAM	1	12	21.49	21.49	21.28
5	64QAM	1	24	21.42	21.34	21.26
5	64QAM	12	0	20.54	20.53	20.47
5	64QAM	12	7	20.52	20.54	20.42
5	64QAM	12	13	20.51	20.54	20.40
5	64QAM	25	0	20.47	20.39	20.39

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	23.24	23.32	23.40
3	QPSK	1	8	23.38	23.44	23.17
3	QPSK	1	14	23.22	23.40	23.35
3	QPSK	8	0	22.42	22.49	22.43
3	QPSK	8	4	22.42	22.47	22.41
3	QPSK	8	7	22.41	22.48	22.46
3	QPSK	15	0	22.43	22.48	22.47
3	16QAM	1	0	22.40	22.44	22.44
3	16QAM	1	8	22.44	22.56	22.42
3	16QAM	1	14	22.40	22.41	22.42
3	16QAM	8	0	21.49	21.49	21.54
3	16QAM	8	4	21.46	21.47	21.45
3	16QAM	8	7	21.49	21.46	21.49
3	16QAM	15	0	21.37	21.35	21.39
3	64QAM	1	0	21.37	21.46	21.45
3	64QAM	1	8	21.34	21.46	21.38
3	64QAM	1	14	21.35	21.43	21.40
3	64QAM	8	0	20.51	20.49	20.48
3	64QAM	8	4	20.47	20.48	20.45
3	64QAM	8	7	20.49	20.46	20.36
3	64QAM	15	0	20.42	20.46	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				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.32	23.46	23.35
1.4	QPSK	1	3	23.33	23.45	23.25
1.4	QPSK	1	5	23.36	23.35	23.37
1.4	QPSK	3	0	23.41	23.43	23.45
1.4	QPSK	3	1	23.35	23.44	23.45
1.4	QPSK	3	3	23.40	23.46	23.42
1.4	QPSK	6	0	22.24	22.46	22.25
1.4	16QAM	1	0	22.50	22.45	22.45
1.4	16QAM	1	3	22.54	22.44	22.49
1.4	16QAM	1	5	22.45	22.41	22.39
1.4	16QAM	3	0	22.29	22.26	22.24
1.4	16QAM	3	1	22.34	22.29	22.26
1.4	16QAM	3	3	22.24	22.29	22.32
1.4	16QAM	6	0	21.41	21.36	21.42
1.4	64QAM	1	0	21.52	21.46	21.42
1.4	64QAM	1	3	21.48	21.41	21.41
1.4	64QAM	1	5	21.47	21.39	21.46
1.4	64QAM	3	0	21.47	21.36	21.47
1.4	64QAM	3	1	21.45	21.42	21.47
1.4	64QAM	3	3	21.43	21.40	21.46
1.4	64QAM	6	0	20.37	20.27	20.27

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	23.15	23.18	23.10
20	QPSK	1	49	23.12	22.97	22.91
20	QPSK	1	99	23.03	22.94	22.99
20	QPSK	50	0	22.09	22.11	21.95
20	QPSK	50	24	22.05	22.04	21.88
20	QPSK	50	50	21.87	21.93	21.92
20	QPSK	100	0	21.91	22.02	21.89
20	16QAM	1	0	22.10	22.15	22.12
20	16QAM	1	49	22.01	21.96	21.91
20	16QAM	1	99	21.97	21.89	22.02
20	16QAM	50	0	21.06	21.09	21.05
20	16QAM	50	24	20.91	21.05	20.97
20	16QAM	50	50	20.93	20.91	20.88
20	16QAM	100	0	20.89	20.85	20.88
20	64QAM	1	0	21.10	21.14	21.04
20	64QAM	1	49	21.12	21.00	21.11
20	64QAM	1	99	20.96	21.12	20.98
20	64QAM	50	0	20.09	20.11	19.96
20	64QAM	50	24	19.97	20.10	19.84
20	64QAM	50	50	19.88	19.95	19.94
20	64QAM	100	0	19.92	20.06	19.90

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)					2595	2612.5
15	QPSK	1	0	23.10	23.13	23.05
15	QPSK	1	37	23.07	22.92	22.86
15	QPSK	1	74	22.98	22.89	22.94
15	QPSK	36	0	22.04	22.06	21.90
15	QPSK	36	20	22.00	21.99	21.83
15	QPSK	36	39	21.82	21.88	21.87
15	QPSK	75	0	21.86	21.97	21.84
15	16QAM	1	0	22.05	22.10	22.07
15	16QAM	1	37	21.96	21.91	21.86
15	16QAM	1	74	21.92	21.84	21.97
15	16QAM	36	0	21.01	21.04	21.00
15	16QAM	36	20	20.86	21.00	20.92
15	16QAM	36	39	20.88	20.86	20.83
15	16QAM	75	0	20.84	20.80	20.83
15	64QAM	1	0	21.05	21.09	20.99
15	64QAM	1	37	21.07	20.95	21.06
15	64QAM	1	74	20.91	21.07	20.93
15	64QAM	36	0	20.04	20.06	19.91
15	64QAM	36	20	19.92	20.05	19.79
15	64QAM	36	39	19.83	19.90	19.89
15	64QAM	75	0	19.87	20.01	19.85

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	23.07	23.10	23.02
10	QPSK	1	25	23.04	22.89	22.83
10	QPSK	1	49	22.95	22.86	22.91
10	QPSK	25	0	22.01	22.03	21.87
10	QPSK	25	12	21.97	21.96	21.80
10	QPSK	25	25	21.79	21.85	21.84
10	QPSK	50	0	21.83	21.94	21.81
10	16QAM	1	0	22.02	22.07	22.04
10	16QAM	1	25	21.93	21.88	21.83
10	16QAM	1	49	21.89	21.81	21.94
10	16QAM	25	0	20.98	21.01	20.97
10	16QAM	25	12	20.83	20.97	20.89
10	16QAM	25	25	20.85	20.83	20.80
10	16QAM	50	0	20.81	20.77	20.80
10	64QAM	1	0	21.02	21.06	20.96
10	64QAM	1	25	21.04	20.92	21.03
10	64QAM	1	49	20.88	21.04	20.90
10	64QAM	25	0	20.01	20.03	19.88
10	64QAM	25	12	19.89	20.02	19.76
10	64QAM	25	25	19.80	19.87	19.86
10	64QAM	50	0	19.84	19.98	19.82

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	23.04	23.07	22.99
5	QPSK	1	12	23.01	22.86	22.80
5	QPSK	1	24	22.92	22.83	22.88
5	QPSK	12	0	21.98	22.00	21.84
5	QPSK	12	7	21.94	21.93	21.77
5	QPSK	12	13	21.76	21.82	21.81
5	QPSK	25	0	21.80	21.91	21.78
5	16QAM	1	0	21.99	22.04	22.01
5	16QAM	1	12	21.90	21.85	21.80
5	16QAM	1	24	21.86	21.78	21.91
5	16QAM	12	0	20.95	20.98	20.94
5	16QAM	12	7	20.80	20.94	20.86
5	16QAM	12	13	20.82	20.80	20.77
5	16QAM	25	0	20.78	20.74	20.77
5	64QAM	1	0	20.99	21.03	20.93
5	64QAM	1	12	21.01	20.89	21.00
5	64QAM	1	24	20.85	21.01	20.87
5	64QAM	12	0	19.98	20.00	19.85
5	64QAM	12	7	19.86	19.99	19.73
5	64QAM	12	13	19.77	19.84	19.83
5	64QAM	25	0	19.81	19.95	19.79

LTE Band 41 (Power Class2)						
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	25.40	25.44	25.39
20	QPSK	1	49	25.21	25.31	25.25
20	QPSK	1	99	25.12	25.33	25.33
20	QPSK	50	0	24.40	24.47	24.43
20	QPSK	50	24	24.12	24.23	24.21
20	QPSK	50	50	24.10	24.19	24.17
20	QPSK	100	0	24.14	24.20	24.29
20	16QAM	1	0	24.24	24.39	24.32
20	16QAM	1	49	24.16	24.35	24.30
20	16QAM	1	99	24.05	24.28	24.24
20	16QAM	50	0	23.20	23.30	23.18
20	16QAM	50	24	23.07	23.27	23.24
20	16QAM	50	50	23.13	23.16	23.09
20	16QAM	100	0	23.12	23.21	23.19
20	64QAM	1	0	23.22	23.40	23.36
20	64QAM	1	49	23.20	23.34	23.17
20	64QAM	1	99	23.17	23.27	23.19
20	64QAM	50	0	22.17	22.31	22.28
20	64QAM	50	24	22.21	22.21	22.06
20	64QAM	50	50	22.08	22.24	22.04
20	64QAM	100	0	22.05	22.19	22.15

LTE Band 41 (Power Class2)						
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	25.20	25.38	25.33
15	QPSK	1	37	25.15	25.25	25.19
15	QPSK	1	74	25.06	25.27	25.27
15	QPSK	36	0	24.12	24.26	24.22
15	QPSK	36	20	24.06	24.17	24.15
15	QPSK	36	39	24.04	24.13	24.11
15	QPSK	75	0	24.08	24.14	24.23
15	16QAM	1	0	24.18	24.33	24.26
15	16QAM	1	37	24.10	24.29	24.24
15	16QAM	1	74	24.02	24.22	24.18
15	16QAM	36	0	23.14	23.24	23.12
15	16QAM	36	20	23.01	23.21	23.18
15	16QAM	36	39	23.07	23.10	23.03
15	16QAM	75	0	23.06	23.15	23.13
15	64QAM	1	0	23.16	23.34	23.30
15	64QAM	1	37	23.14	23.28	23.11
15	64QAM	1	74	23.11	23.21	23.13
15	64QAM	36	0	22.11	22.25	22.22
15	64QAM	36	20	22.15	22.15	22.00
15	64QAM	36	39	22.02	22.18	22.06
15	64QAM	75	0	22.03	22.13	22.09

LTE Band 41 (Power Class2)						
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	25.17	25.35	25.30
10	QPSK	1	25	25.12	25.22	25.16
10	QPSK	1	49	25.03	25.24	25.24
10	QPSK	25	0	24.09	24.23	24.19
10	QPSK	25	12	24.03	24.14	24.12
10	QPSK	25	25	24.01	24.10	24.08
10	QPSK	50	0	24.05	24.11	24.20
10	16QAM	1	0	24.15	24.30	24.23
10	16QAM	1	25	24.07	24.26	24.21
10	16QAM	1	49	24.05	24.19	24.15
10	16QAM	25	0	23.11	23.21	23.09
10	16QAM	25	12	23.06	23.18	23.15
10	16QAM	25	25	23.04	23.07	23.00
10	16QAM	50	0	23.03	23.12	23.10
10	64QAM	1	0	23.13	23.31	23.27
10	64QAM	1	25	23.11	23.25	23.08
10	64QAM	1	49	23.08	23.18	23.10
10	64QAM	25	0	22.08	22.22	22.19
10	64QAM	25	12	22.12	22.12	22.05
10	64QAM	25	25	22.09	22.15	22.03
10	64QAM	50	0	22.06	22.10	22.06

LTE Band 41 (Power Class2)						
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	25.13	25.31	25.26
5	QPSK	1	12	25.08	25.18	25.12
5	QPSK	1	24	25.03	25.20	25.20
5	QPSK	12	0	24.05	24.19	24.15
5	QPSK	12	7	25.01	24.10	24.08
5	QPSK	12	13	24.09	24.06	24.04
5	QPSK	25	0	24.01	24.07	24.16
5	16QAM	1	0	24.11	24.26	24.19
5	16QAM	1	12	24.03	24.22	24.17
5	16QAM	1	24	24.03	24.15	24.11
5	16QAM	12	0	23.07	23.17	23.05
5	16QAM	12	7	23.05	23.14	23.11
5	16QAM	12	13	23.00	23.03	23.06
5	16QAM	25	0	23.01	23.08	23.06
5	64QAM	1	0	23.09	23.27	23.23
5	64QAM	1	12	23.07	23.21	23.04
5	64QAM	1	24	23.04	23.14	23.06
5	64QAM	12	0	22.04	22.18	22.15
5	64QAM	12	7	22.08	22.08	22.00
5	64QAM	12	13	22.05	22.11	22.04
5	64QAM	25	0	22.02	22.06	22.02

LTE Band 41 (Power Class3)						
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	22.24	22.37	22.31
20	QPSK	1	49	22.06	22.32	22.26
20	QPSK	1	99	22.11	22.19	22.32
20	QPSK	50	0	21.18	21.28	21.21
20	QPSK	50	24	21.19	21.25	21.26
20	QPSK	50	50	21.10	21.02	21.06
20	QPSK	100	0	21.00	21.16	21.14
20	16QAM	1	0	21.23	21.34	21.27
20	16QAM	1	49	21.14	21.26	21.25
20	16QAM	1	99	21.10	21.24	21.27
20	16QAM	50	0	20.15	20.30	20.28
20	16QAM	50	24	20.20	20.19	20.24
20	16QAM	50	50	20.07	20.16	20.13
20	16QAM	100	0	20.21	20.05	20.29
20	64QAM	1	0	20.15	20.38	20.26
20	64QAM	1	49	20.14	20.26	20.26
20	64QAM	1	99	20.10	20.31	20.09
20	64QAM	50	0	19.06	19.26	19.06
20	64QAM	50	24	19.14	19.04	19.00
20	64QAM	50	50	19.00	19.01	18.96
20	64QAM	100	0	19.04	19.16	18.97

LTE Band 41 (Power Class3)						
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	22.21	22.34	22.28
15	QPSK	1	37	22.03	22.29	22.23
15	QPSK	1	74	22.08	22.16	22.29
15	QPSK	36	0	21.15	21.25	21.18
15	QPSK	36	20	21.16	21.22	21.23
15	QPSK	36	39	21.07	20.99	21.03
15	QPSK	75	0	20.97	21.13	21.11
15	16QAM	1	0	21.20	21.31	21.24
15	16QAM	1	37	21.11	21.23	21.22
15	16QAM	1	74	21.07	21.21	21.24
15	16QAM	36	0	20.12	20.27	20.25
15	16QAM	36	20	20.17	20.16	20.21
15	16QAM	36	39	20.04	20.13	20.10
15	16QAM	75	0	20.18	20.02	20.26
15	64QAM	1	0	20.12	20.35	20.23
15	64QAM	1	37	20.11	20.23	20.23
15	64QAM	1	74	20.07	20.28	20.06
15	64QAM	36	0	19.03	19.23	19.03
15	64QAM	36	20	19.11	19.01	18.97
15	64QAM	36	39	18.97	18.98	18.93
15	64QAM	75	0	19.01	19.13	18.94

LTE Band 41 (Power Class3						
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	22.16	22.29	22.23
10	QPSK	1	25	21.98	22.24	22.18
10	QPSK	1	49	22.03	22.11	22.24
10	QPSK	25	0	21.10	21.20	21.13
10	QPSK	25	12	21.11	21.17	21.18
10	QPSK	25	25	21.02	20.94	20.98
10	QPSK	50	0	20.92	21.08	21.06
10	16QAM	1	0	21.15	21.26	21.19
10	16QAM	1	25	21.06	21.18	21.17
10	16QAM	1	49	21.02	21.16	21.19
10	16QAM	25	0	20.07	20.22	20.20
10	16QAM	25	12	20.12	20.11	20.16
10	16QAM	25	25	19.99	20.08	20.05
10	16QAM	50	0	20.13	19.97	20.21
10	64QAM	1	0	20.07	20.30	20.18
10	64QAM	1	25	20.06	20.18	20.18
10	64QAM	1	49	20.02	20.23	20.01
10	64QAM	25	0	18.98	19.18	18.98
10	64QAM	25	12	19.06	18.96	18.92
10	64QAM	25	25	18.92	18.93	18.88
10	64QAM	50	0	18.96	19.08	18.89

LTE Band 41 (Power Class3)						
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	22.13	22.26	22.20
5	QPSK	1	12	21.95	22.21	22.15
5	QPSK	1	24	22.00	22.08	22.21
5	QPSK	12	0	21.07	21.17	21.10
5	QPSK	12	7	21.08	21.14	21.15
5	QPSK	12	13	20.99	20.91	20.95
5	QPSK	25	0	20.89	21.05	21.03
5	16QAM	1	0	21.12	21.23	21.16
5	16QAM	1	12	21.03	21.15	21.14
5	16QAM	1	24	20.99	21.13	21.16
5	16QAM	12	0	20.04	20.19	20.17
5	16QAM	12	7	20.09	20.08	20.13
5	16QAM	12	13	19.96	20.05	20.02
5	16QAM	25	0	20.10	19.94	20.18
5	64QAM	1	0	20.04	20.27	20.15
5	64QAM	1	12	20.03	20.15	20.15
5	64QAM	1	24	19.99	20.20	19.98
5	64QAM	12	0	18.95	19.15	18.95
5	64QAM	12	7	19.03	18.93	18.89
5	64QAM	12	13	18.89	18.90	18.85
5	64QAM	25	0	18.93	19.05	18.86

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	24.15	24.19	24.10
20	QPSK	1	49	24.10	24.16	24.06
20	QPSK	1	99	24.03	24.02	23.97
20	QPSK	50	0	22.97	23.04	22.91
20	QPSK	50	24	22.91	22.97	22.82
20	QPSK	50	50	22.87	22.92	22.88
20	QPSK	100	0	22.85	22.88	22.90
20	16QAM	1	0	22.87	23.09	22.92
20	16QAM	1	49	23.00	22.85	22.90
20	16QAM	1	99	22.91	22.94	22.97
20	16QAM	50	0	21.94	22.07	21.98
20	16QAM	50	24	21.79	22.05	21.85
20	16QAM	50	50	21.84	21.88	21.88
20	16QAM	100	0	21.80	21.96	21.97
20	64QAM	1	0	21.90	22.02	21.97
20	64QAM	1	49	21.86	21.88	21.99
20	64QAM	1	99	21.95	21.94	21.91
20	64QAM	50	0	20.94	21.07	20.90
20	64QAM	50	24	20.87	20.99	20.91
20	64QAM	50	50	20.84	21.00	20.82
20	64QAM	100	0	20.80	20.85	20.81

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	24.09	24.13	24.04
15	QPSK	1	37	24.04	24.10	24.00
15	QPSK	1	74	23.97	23.96	23.91
15	QPSK	36	0	22.91	22.98	22.85
15	QPSK	36	20	22.85	22.91	22.76
15	QPSK	36	39	22.81	22.86	22.82
15	QPSK	75	0	22.79	22.82	22.84
15	16QAM	1	0	22.81	23.03	22.86
15	16QAM	1	37	22.94	22.79	22.84
15	16QAM	1	74	22.85	22.88	22.91
15	16QAM	36	0	21.88	22.01	21.92
15	16QAM	36	20	21.73	21.99	21.79
15	16QAM	36	39	21.78	21.82	21.82
15	16QAM	75	0	21.74	21.90	21.91
15	64QAM	1	0	21.84	21.96	21.91
15	64QAM	1	37	21.80	21.82	21.93
15	64QAM	1	74	21.89	21.88	21.85
15	64QAM	36	0	20.88	21.01	20.84
15	64QAM	36	20	20.81	20.93	20.85
15	64QAM	36	39	20.78	20.94	20.76
15	64QAM	75	0	20.74	20.79	20.75

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	20.76	20.79	20.69
10	QPSK	1	25	20.76	20.56	20.65
10	QPSK	1	49	20.66	20.56	20.71
10	QPSK	25	0	19.65	19.81	19.80
10	QPSK	25	12	19.51	19.79	19.58
10	QPSK	25	25	19.67	19.59	19.55
10	QPSK	50	0	19.69	19.80	19.61
10	16QAM	1	0	19.65	19.81	19.80
10	16QAM	1	25	19.63	19.57	19.65
10	16QAM	1	49	19.65	19.55	19.66
10	16QAM	25	0	18.61	18.81	18.66
10	16QAM	25	12	18.62	18.77	18.74
10	16QAM	25	25	18.64	18.52	18.87
10	16QAM	50	0	19.06	18.80	18.75
10	64QAM	1	0	19.65	19.72	19.89
10	64QAM	1	25	19.56	19.56	19.56
10	64QAM	1	49	19.72	19.68	19.63
10	64QAM	25	0	18.69	18.71	18.79
10	64QAM	25	12	18.74	18.85	18.59
10	64QAM	25	25	18.51	18.66	18.57
10	64QAM	50	0	18.67	18.44	18.61

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	24.01	24.05	23.96
5	QPSK	1	12	23.96	24.02	23.92
5	QPSK	1	24	23.89	23.88	23.83
5	QPSK	12	0	22.83	22.90	22.77
5	QPSK	12	7	22.77	22.83	22.68
5	QPSK	12	13	22.73	22.78	22.74
5	QPSK	25	0	22.71	22.74	22.76
5	16QAM	1	0	22.73	22.95	22.78
5	16QAM	1	12	22.86	22.71	22.76
5	16QAM	1	24	22.77	22.80	22.83
5	16QAM	12	0	21.80	21.93	21.84
5	16QAM	12	7	21.65	21.91	21.71
5	16QAM	12	13	21.70	21.74	21.74
5	16QAM	25	0	21.66	21.82	21.83
5	64QAM	1	0	21.76	21.88	21.83
5	64QAM	1	12	21.72	21.74	21.85
5	64QAM	1	24	21.81	21.80	21.77
5	64QAM	12	0	20.80	20.93	20.76
5	64QAM	12	7	20.73	20.85	20.77
5	64QAM	12	13	20.70	20.86	20.68
5	64QAM	25	0	20.66	20.71	20.67

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	23.95	23.99	23.90
3	QPSK	1	8	23.90	23.96	23.86
3	QPSK	1	14	23.83	23.82	23.77
3	QPSK	8	0	22.77	22.84	22.71
3	QPSK	8	4	22.71	22.77	22.62
3	QPSK	8	7	22.67	22.72	22.68
3	QPSK	15	0	22.65	22.68	22.70
3	16QAM	1	0	22.67	22.89	22.72
3	16QAM	1	8	22.80	22.65	22.70
3	16QAM	1	14	22.71	22.74	22.77
3	16QAM	8	0	21.74	21.87	21.78
3	16QAM	8	4	21.59	21.85	21.65
3	16QAM	8	7	21.64	21.68	21.68
3	16QAM	15	0	21.60	21.76	21.77
3	64QAM	1	0	21.70	21.82	21.77
3	64QAM	1	8	21.66	21.68	21.79
3	64QAM	1	14	21.75	21.74	21.71
3	64QAM	8	0	20.74	20.87	20.70
3	64QAM	8	4	20.67	20.79	20.71
3	64QAM	8	7	20.64	20.80	20.62
3	64QAM	15	0	20.60	20.65	20.61

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	23.91	23.95	23.86
1.4	QPSK	1	3	23.86	23.92	23.82
1.4	QPSK	1	5	23.79	23.78	23.73
1.4	QPSK	3	0	22.73	22.80	22.67
1.4	QPSK	3	1	22.67	22.73	22.58
1.4	QPSK	3	3	22.63	22.68	22.64
1.4	QPSK	6	0	22.61	22.64	22.66
1.4	16QAM	1	0	22.63	22.85	22.68
1.4	16QAM	1	3	22.76	22.61	22.66
1.4	16QAM	1	5	22.67	22.70	22.73
1.4	16QAM	3	0	21.70	21.83	21.74
1.4	16QAM	3	1	21.55	21.81	21.61
1.4	16QAM	3	3	21.60	21.64	21.64
1.4	16QAM	6	0	21.56	21.72	21.73
1.4	64QAM	1	0	21.66	21.78	21.73
1.4	64QAM	1	3	21.62	21.64	21.75
1.4	64QAM	1	5	21.71	21.70	21.67
1.4	64QAM	3	0	20.70	20.83	20.66
1.4	64QAM	3	1	20.63	20.75	20.67
1.4	64QAM	3	3	20.60	20.76	20.58
1.4	64QAM	6	0	20.56	20.61	20.57

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.05	22.13	22.02
20	QPSK	1	49	22.08	21.99	22.05
20	QPSK	1	99	21.96	21.95	22.03
20	QPSK	50	0	20.92	21.16	21.02
20	QPSK	50	24	20.87	21.12	20.83
20	QPSK	50	50	20.87	20.90	20.86
20	QPSK	100	0	20.93	21.09	20.97
20	16QAM	1	0	21.00	21.04	21.09
20	16QAM	1	49	20.80	20.89	20.86
20	16QAM	1	99	20.94	20.80	20.81
20	16QAM	50	0	20.15	20.12	20.09
20	16QAM	50	24	20.20	20.03	19.96
20	16QAM	50	50	19.92	20.09	20.06
20	16QAM	100	0	20.21	20.35	20.18
20	64QAM	1	0	21.05	20.92	21.03
20	64QAM	1	49	20.78	21.10	21.07
20	64QAM	1	99	20.94	21.02	20.96
20	64QAM	50	0	19.94	20.02	20.08
20	64QAM	50	24	20.01	20.12	19.82
20	64QAM	50	50	19.83	19.78	19.77
20	64QAM	100	0	19.92	19.74	20.04

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.94	24.00	23.91
15	QPSK	1	37	23.83	23.95	23.87
15	QPSK	1	74	23.89	23.96	23.82
15	QPSK	36	0	22.85	22.94	22.87
15	QPSK	36	20	22.81	22.87	22.91
15	QPSK	36	39	22.86	22.84	22.78
15	QPSK	75	0	22.78	22.82	22.81
15	16QAM	1	0	22.95	22.96	22.90
15	16QAM	1	37	22.80	22.91	22.79
15	16QAM	1	74	22.73	22.87	22.82
15	16QAM	36	0	21.79	21.91	21.85
15	16QAM	36	20	21.75	21.87	21.78
15	16QAM	36	39	21.71	21.79	21.83
15	16QAM	75	0	21.77	21.76	21.75
15	64QAM	1	0	21.87	22.02	21.93
15	64QAM	1	37	21.82	21.84	21.84
15	64QAM	1	74	21.74	21.88	21.80
15	64QAM	36	0	20.78	20.89	20.76
15	64QAM	36	20	20.82	20.83	20.72
15	64QAM	36	39	20.74	20.81	20.73
15	64QAM	75	0	20.75	20.80	20.67

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.88	23.94	23.85
10	QPSK	1	25	23.77	23.89	23.81
10	QPSK	1	49	23.83	23.90	23.76
10	QPSK	25	0	22.79	22.88	22.81
10	QPSK	25	12	22.75	22.81	22.85
10	QPSK	25	25	22.80	22.78	22.72
10	QPSK	50	0	22.72	22.76	22.75
10	16QAM	1	0	22.89	22.90	22.84
10	16QAM	1	25	22.74	22.85	22.73
10	16QAM	1	49	22.67	22.81	22.76
10	16QAM	25	0	21.73	21.85	21.79
10	16QAM	25	12	21.69	21.81	21.72
10	16QAM	25	25	21.65	21.73	21.77
10	16QAM	50	0	21.71	21.70	21.69
10	64QAM	1	0	21.81	21.96	21.87
10	64QAM	1	25	21.76	21.78	21.78
10	64QAM	1	49	21.68	21.82	21.74
10	64QAM	25	0	20.72	20.83	20.70
10	64QAM	25	12	20.76	20.77	20.66
10	64QAM	25	25	20.68	20.75	20.67
10	64QAM	50	0	20.69	20.74	20.61

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.85	23.91	23.82
5	QPSK	1	12	23.74	23.86	23.78
5	QPSK	1	24	23.80	23.87	23.73
5	QPSK	12	0	22.76	22.85	22.78
5	QPSK	12	7	22.72	22.78	22.82
5	QPSK	12	13	22.77	22.75	22.69
5	QPSK	25	0	22.69	22.73	22.72
5	16QAM	1	0	22.86	22.87	22.81
5	16QAM	1	12	22.71	22.82	22.70
5	16QAM	1	24	22.64	22.78	22.73
5	16QAM	12	0	21.70	21.82	21.76
5	16QAM	12	7	21.66	21.78	21.69
5	16QAM	12	13	21.62	21.70	21.74
5	16QAM	25	0	21.68	21.67	21.66
5	64QAM	1	0	21.78	21.93	21.84
5	64QAM	1	12	21.73	21.75	21.75
5	64QAM	1	24	21.65	21.79	21.71
5	64QAM	12	0	20.69	20.80	20.67
5	64QAM	12	7	20.73	20.74	20.63
5	64QAM	12	13	20.65	20.72	20.64
5	64QAM	25	0	20.66	20.71	20.58

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	24.90	0.309	24.97	0.314	24.91	0.310
20	QPSK	1	49	24.83	0.304	24.87	0.307	24.71	0.296
20	QPSK	1	99	24.78	0.301	24.84	0.305	24.65	0.292
20	QPSK	50	0	23.84	0.242	23.89	0.245	23.80	0.240
20	QPSK	50	24	23.69	0.234	23.74	0.237	23.59	0.229
20	QPSK	50	50	23.58	0.228	23.65	0.232	23.52	0.225
20	QPSK	100	0	23.66	0.232	23.71	0.235	23.56	0.227
20	16QAM	1	0	23.87	0.244	23.90	0.245	23.76	0.238
20	16QAM	1	49	23.81	0.240	23.85	0.243	23.68	0.233
20	16QAM	1	99	23.76	0.238	23.80	0.240	23.70	0.234
20	16QAM	50	0	23.10	0.204	23.15	0.207	23.01	0.200
20	16QAM	50	24	23.04	0.201	23.11	0.205	22.96	0.198
20	16QAM	50	50	22.97	0.198	23.02	0.200	22.97	0.198
20	16QAM	100	0	23.02	0.200	23.07	0.203	22.95	0.197
20	64QAM	1	0	23.18	0.208	23.22	0.210	23.06	0.202
20	64QAM	1	49	23.13	0.206	23.19	0.208	23.00	0.200
20	64QAM	1	99	23.07	0.203	23.14	0.206	23.01	0.200
20	64QAM	50	0	22.09	0.162	22.13	0.163	21.99	0.158
20	64QAM	50	24	22.06	0.161	22.10	0.162	21.92	0.156
20	64QAM	50	50	21.95	0.157	22.01	0.159	21.86	0.153
20	64QAM	100	0	22.01	0.159	22.05	0.160	21.90	0.155

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	24.82	0.303	24.89	0.308	24.83	0.304
15	QPSK	1	37	24.75	0.299	24.79	0.301	24.63	0.290
15	QPSK	1	74	24.70	0.295	24.76	0.299	24.57	0.286
15	QPSK	36	0	23.67	0.233	23.71	0.235	23.59	0.229
15	QPSK	36	20	23.61	0.230	23.66	0.232	23.51	0.224
15	QPSK	36	39	23.50	0.224	23.57	0.228	23.44	0.221
15	QPSK	75	0	23.58	0.228	23.63	0.231	23.48	0.223
15	16QAM	1	0	23.79	0.239	23.82	0.241	23.68	0.233
15	16QAM	1	37	23.73	0.236	23.77	0.238	23.60	0.229
15	16QAM	1	74	23.68	0.233	23.72	0.236	23.62	0.230
15	16QAM	36	0	22.99	0.199	23.04	0.201	22.90	0.195
15	16QAM	36	20	22.93	0.196	23.00	0.200	22.85	0.193
15	16QAM	36	39	22.86	0.193	22.91	0.195	22.77	0.189
15	16QAM	75	0	22.91	0.195	22.96	0.198	22.84	0.192
15	64QAM	1	0	23.07	0.203	23.11	0.205	22.95	0.197
15	64QAM	1	37	23.02	0.200	23.08	0.203	22.89	0.195
15	64QAM	1	74	22.96	0.198	23.03	0.201	22.90	0.195
15	64QAM	36	0	21.98	0.158	22.02	0.159	21.88	0.154
15	64QAM	36	20	21.95	0.157	21.99	0.158	21.81	0.152
15	64QAM	36	39	21.84	0.153	21.90	0.155	21.75	0.150
15	64QAM	75	0	21.90	0.155	21.94	0.156	21.79	0.151

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	24.73	0.297	24.80	0.302	24.74	0.298
10	QPSK	1	25	24.66	0.292	24.70	0.295	24.54	0.284
10	QPSK	1	49	24.61	0.289	24.67	0.293	24.48	0.281
10	QPSK	25	0	23.58	0.228	23.62	0.230	23.50	0.224
10	QPSK	25	12	23.52	0.225	23.57	0.228	23.42	0.220
10	QPSK	25	25	23.41	0.219	23.48	0.223	23.35	0.216
10	QPSK	50	0	23.49	0.223	23.54	0.226	23.39	0.218
10	16QAM	1	0	23.70	0.234	23.73	0.236	23.59	0.229
10	16QAM	1	25	23.64	0.231	23.68	0.233	23.51	0.224
10	16QAM	1	49	23.59	0.229	23.63	0.231	23.53	0.225
10	16QAM	25	0	22.91	0.195	22.96	0.198	22.82	0.191
10	16QAM	25	12	22.85	0.193	22.92	0.196	22.77	0.189
10	16QAM	25	25	22.78	0.190	22.83	0.192	22.69	0.186
10	16QAM	50	0	22.83	0.192	22.88	0.194	22.76	0.189
10	64QAM	1	0	22.99	0.199	23.03	0.201	22.87	0.194
10	64QAM	1	25	22.94	0.197	23.00	0.200	22.81	0.191
10	64QAM	1	49	22.88	0.194	22.95	0.197	22.82	0.191
10	64QAM	25	0	21.90	0.155	21.94	0.156	21.80	0.151
10	64QAM	25	12	21.87	0.154	21.91	0.155	21.73	0.149
10	64QAM	25	25	21.76	0.150	21.82	0.152	21.67	0.147
10	64QAM	50	0	21.82	0.152	21.86	0.153	21.71	0.148

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	24.68	0.294	24.75	0.299	24.69	0.294
5	QPSK	1	12	24.61	0.289	24.65	0.292	24.49	0.281
5	QPSK	1	24	24.56	0.286	24.62	0.290	24.43	0.277
5	QPSK	12	0	23.53	0.225	23.57	0.228	23.45	0.221
5	QPSK	12	7	23.47	0.222	23.52	0.225	23.37	0.217
5	QPSK	12	13	23.36	0.217	23.43	0.220	23.30	0.214
5	QPSK	25	0	23.44	0.221	23.49	0.223	23.34	0.216
5	16QAM	1	0	23.65	0.232	23.68	0.233	23.54	0.226
5	16QAM	1	12	23.59	0.229	23.63	0.231	23.46	0.222
5	16QAM	1	24	23.54	0.226	23.58	0.228	23.48	0.223
5	16QAM	12	0	22.84	0.192	22.89	0.195	22.75	0.188
5	16QAM	12	7	22.78	0.190	22.85	0.193	22.70	0.186
5	16QAM	12	13	22.71	0.187	22.76	0.189	22.62	0.183
5	16QAM	25	0	22.76	0.189	22.81	0.191	22.69	0.186
5	64QAM	1	0	22.92	0.196	22.96	0.198	22.80	0.191
5	64QAM	1	12	22.87	0.194	22.93	0.196	22.74	0.188
5	64QAM	1	24	22.81	0.191	22.88	0.194	22.75	0.188
5	64QAM	12	0	21.83	0.152	21.87	0.154	21.73	0.149
5	64QAM	12	7	21.80	0.151	21.84	0.153	21.66	0.147
5	64QAM	12	13	21.69	0.148	21.75	0.150	21.60	0.145
5	64QAM	25	0	21.75	0.150	21.79	0.151	21.64	0.146

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	24.62	0.290	24.69	0.294	24.63	0.290
3	QPSK	1	8	24.55	0.285	24.59	0.288	24.43	0.277
3	QPSK	1	14	24.50	0.282	24.56	0.286	24.37	0.274
3	QPSK	8	0	23.47	0.222	23.51	0.224	23.39	0.218
3	QPSK	8	4	23.41	0.219	23.46	0.222	23.31	0.214
3	QPSK	8	7	23.30	0.214	23.37	0.217	23.24	0.211
3	QPSK	15	0	23.38	0.218	23.43	0.220	23.28	0.213
3	16QAM	1	0	23.59	0.229	23.62	0.230	23.48	0.223
3	16QAM	1	8	23.53	0.225	23.57	0.228	23.40	0.219
3	16QAM	1	14	23.48	0.223	23.52	0.225	23.42	0.220
3	16QAM	8	0	22.75	0.188	22.80	0.191	22.66	0.185
3	16QAM	8	4	22.69	0.186	22.76	0.189	22.61	0.182
3	16QAM	8	7	22.62	0.183	22.67	0.185	22.53	0.179
3	16QAM	15	0	22.67	0.185	22.72	0.187	22.60	0.182
3	64QAM	1	0	22.83	0.192	22.87	0.194	22.71	0.187
3	64QAM	1	8	22.78	0.190	22.84	0.192	22.65	0.184
3	64QAM	1	14	22.72	0.187	22.79	0.190	22.66	0.185
3	64QAM	8	0	21.74	0.149	21.78	0.151	21.64	0.146
3	64QAM	8	4	21.71	0.148	21.75	0.150	21.57	0.144
3	64QAM	8	7	21.60	0.145	21.66	0.147	21.51	0.142
3	64QAM	15	0	21.66	0.147	21.70	0.148	21.55	0.143

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	24.60	0.288	24.67	0.293	24.61	0.289
1.4	QPSK	1	3	24.53	0.284	24.57	0.286	24.41	0.276
1.4	QPSK	1	5	24.48	0.281	24.54	0.284	24.35	0.272
1.4	QPSK	3	0	23.45	0.221	23.49	0.223	23.37	0.217
1.4	QPSK	3	1	23.39	0.218	23.44	0.221	23.29	0.213
1.4	QPSK	3	3	23.28	0.213	23.35	0.216	23.22	0.210
1.4	QPSK	6	0	23.36	0.217	23.41	0.219	23.26	0.212
1.4	16QAM	1	0	23.57	0.228	23.60	0.229	23.46	0.222
1.4	16QAM	1	3	23.51	0.224	23.55	0.226	23.38	0.218
1.4	16QAM	1	5	23.46	0.222	23.50	0.224	23.40	0.219
1.4	16QAM	3	0	22.73	0.187	22.78	0.190	22.64	0.184
1.4	16QAM	3	1	22.67	0.185	22.74	0.188	22.59	0.182
1.4	16QAM	3	3	22.60	0.182	22.65	0.184	22.51	0.178
1.4	16QAM	6	0	22.65	0.184	22.70	0.186	22.58	0.181
1.4	64QAM	1	0	22.81	0.191	22.85	0.193	22.69	0.186
1.4	64QAM	1	3	22.76	0.189	22.82	0.191	22.63	0.183
1.4	64QAM	1	5	22.70	0.186	22.77	0.189	22.64	0.184
1.4	64QAM	3	0	21.72	0.149	21.76	0.150	21.62	0.145
1.4	64QAM	3	1	21.69	0.148	21.73	0.149	21.55	0.143
1.4	64QAM	3	3	21.58	0.144	21.64	0.146	21.49	0.141
1.4	64QAM	6	0	21.64	0.146	21.68	0.147	21.53	0.142

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	22.07	0.161	22.16	0.164	22.13	0.163
20	QPSK	1	49	21.89	0.155	22.05	0.160	21.83	0.152
20	QPSK	1	99	21.94	0.156	21.99	0.158	21.86	0.153
20	QPSK	50	0	20.89	0.123	20.93	0.124	20.86	0.122
20	QPSK	50	24	20.77	0.119	20.90	0.123	20.68	0.117
20	QPSK	50	50	20.63	0.116	20.77	0.119	20.70	0.117
20	QPSK	100	0	20.74	0.119	20.89	0.123	20.82	0.121
20	16QAM	1	0	21.12	0.129	21.14	0.130	21.02	0.126
20	16QAM	1	49	20.76	0.119	21.02	0.126	20.73	0.118
20	16QAM	1	99	20.72	0.118	20.82	0.121	20.99	0.126
20	16QAM	50	0	20.02	0.100	20.01	0.100	19.88	0.097
20	16QAM	50	24	19.80	0.095	19.84	0.096	19.94	0.099
20	16QAM	50	50	19.82	0.096	19.94	0.099	19.94	0.099
20	16QAM	100	0	19.83	0.096	19.98	0.100	19.97	0.099
20	64QAM	1	0	19.87	0.097	20.05	0.101	19.97	0.099
20	64QAM	1	49	19.80	0.095	20.00	0.100	19.79	0.095
20	64QAM	1	99	19.96	0.099	19.96	0.099	19.96	0.099
20	64QAM	50	0	18.80	0.076	19.06	0.081	18.81	0.076
20	64QAM	50	24	18.67	0.074	19.01	0.080	18.77	0.075
20	64QAM	50	50	18.68	0.074	18.88	0.077	18.81	0.076
20	64QAM	100	0	18.78	0.076	18.93	0.078	18.90	0.078

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	22.01	0.159	22.10	0.162	22.07	0.161
15	QPSK	1	37	21.83	0.152	21.99	0.158	21.77	0.150
15	QPSK	1	74	21.88	0.154	21.93	0.156	21.80	0.151
15	QPSK	36	0	20.79	0.120	20.87	0.122	20.77	0.119
15	QPSK	36	20	20.71	0.118	20.84	0.121	20.62	0.115
15	QPSK	36	39	20.57	0.114	20.71	0.118	20.64	0.116
15	QPSK	75	0	20.68	0.117	20.83	0.121	20.76	0.119
15	16QAM	1	0	21.06	0.128	21.08	0.128	20.96	0.125
15	16QAM	1	37	20.70	0.117	20.96	0.125	20.67	0.117
15	16QAM	1	74	20.66	0.116	20.76	0.119	20.93	0.124
15	16QAM	36	0	19.96	0.099	19.95	0.099	19.82	0.096
15	16QAM	36	20	19.74	0.094	19.78	0.095	19.88	0.097
15	16QAM	36	39	19.76	0.095	19.88	0.097	19.88	0.097
15	16QAM	75	0	19.77	0.095	19.92	0.098	19.91	0.098
15	64QAM	1	0	19.81	0.096	19.99	0.100	19.91	0.098
15	64QAM	1	37	19.74	0.094	19.94	0.099	19.73	0.094
15	64QAM	1	74	19.90	0.098	19.90	0.098	19.90	0.098
15	64QAM	36	0	18.74	0.075	19.00	0.079	18.75	0.075
15	64QAM	36	20	18.61	0.073	18.95	0.079	18.71	0.074
15	64QAM	36	39	18.62	0.073	18.82	0.076	18.75	0.075
15	64QAM	75	0	18.72	0.074	18.87	0.077	18.84	0.077

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.96	0.157	22.05	0.160	22.02	0.159
10	QPSK	1	25	21.78	0.151	21.94	0.156	21.72	0.149
10	QPSK	1	49	21.83	0.152	21.88	0.154	21.75	0.150
10	QPSK	25	0	20.74	0.119	20.82	0.121	20.72	0.118
10	QPSK	25	12	20.66	0.116	20.79	0.120	20.57	0.114
10	QPSK	25	25	20.57	0.114	20.66	0.116	20.59	0.115
10	QPSK	50	0	20.63	0.116	20.78	0.120	20.71	0.118
10	16QAM	1	0	21.01	0.126	21.03	0.127	20.91	0.123
10	16QAM	1	25	20.65	0.116	20.91	0.123	20.62	0.115
10	16QAM	1	49	20.61	0.115	20.71	0.118	20.88	0.122
10	16QAM	25	0	19.91	0.098	19.90	0.098	19.77	0.095
10	16QAM	25	12	19.69	0.093	19.73	0.094	19.83	0.096
10	16QAM	25	25	19.71	0.094	19.83	0.096	19.83	0.096
10	16QAM	50	0	19.72	0.094	19.87	0.097	19.86	0.097
10	64QAM	1	0	19.76	0.095	19.94	0.099	19.86	0.097
10	64QAM	1	25	19.69	0.093	19.89	0.097	19.68	0.093
10	64QAM	1	49	19.85	0.097	19.85	0.097	19.85	0.097
10	64QAM	25	0	18.69	0.074	18.95	0.079	18.70	0.074
10	64QAM	25	12	18.56	0.072	18.90	0.078	18.66	0.073
10	64QAM	25	25	18.57	0.072	18.77	0.075	18.70	0.074
10	64QAM	50	0	18.67	0.074	18.82	0.076	18.79	0.076

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.94	0.156	22.03	0.160	22.00	0.158
5	QPSK	1	12	21.76	0.150	21.92	0.156	21.70	0.148
5	QPSK	1	24	21.81	0.152	21.86	0.153	21.73	0.149
5	QPSK	12	0	20.72	0.118	20.80	0.120	20.70	0.117
5	QPSK	12	7	20.64	0.116	20.77	0.119	20.55	0.114
5	QPSK	12	13	20.50	0.112	20.64	0.116	20.57	0.114
5	QPSK	25	0	20.61	0.115	20.76	0.119	20.69	0.117
5	16QAM	1	0	20.99	0.126	21.01	0.126	20.89	0.123
5	16QAM	1	12	20.63	0.116	20.89	0.123	20.60	0.115
5	16QAM	1	24	20.59	0.115	20.69	0.117	20.86	0.122
5	16QAM	12	0	19.89	0.097	19.88	0.097	19.75	0.094
5	16QAM	12	7	19.67	0.093	19.71	0.094	19.81	0.096
5	16QAM	12	13	19.69	0.093	19.81	0.096	19.81	0.096
5	16QAM	25	0	19.70	0.093	19.85	0.097	19.84	0.096
5	64QAM	1	0	19.74	0.094	19.92	0.098	19.84	0.096
5	64QAM	1	12	19.67	0.093	19.87	0.097	19.66	0.092
5	64QAM	1	24	19.83	0.096	19.83	0.096	19.83	0.096
5	64QAM	12	0	18.67	0.074	18.93	0.078	18.68	0.074
5	64QAM	12	7	18.54	0.071	18.88	0.077	18.64	0.073
5	64QAM	12	13	18.55	0.072	18.75	0.075	18.68	0.074
5	64QAM	25	0	18.65	0.073	18.80	0.076	18.77	0.075

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.91	0.155	22.00	0.158	21.97	0.157
3	QPSK	1	8	21.73	0.149	21.89	0.155	21.67	0.147
3	QPSK	1	14	21.78	0.151	21.83	0.152	21.70	0.148
3	QPSK	8	0	20.69	0.117	20.77	0.119	20.67	0.117
3	QPSK	8	4	20.61	0.115	20.74	0.119	20.52	0.113
3	QPSK	8	7	20.47	0.111	20.61	0.115	20.54	0.113
3	QPSK	15	0	20.58	0.114	20.73	0.118	20.66	0.116
3	16QAM	1	0	20.96	0.125	20.98	0.125	20.86	0.122
3	16QAM	1	8	20.60	0.115	20.86	0.122	20.57	0.114
3	16QAM	1	14	20.56	0.114	20.66	0.116	20.83	0.121
3	16QAM	8	0	19.86	0.097	19.85	0.097	19.72	0.094
3	16QAM	8	4	19.64	0.092	19.68	0.093	19.78	0.095
3	16QAM	8	7	19.66	0.092	19.78	0.095	19.78	0.095
3	16QAM	15	0	19.67	0.093	19.82	0.096	19.81	0.096
3	64QAM	1	0	19.71	0.094	19.89	0.097	19.81	0.096
3	64QAM	1	8	19.64	0.092	19.84	0.096	19.63	0.092
3	64QAM	1	14	19.80	0.095	19.80	0.095	19.80	0.095
3	64QAM	8	0	18.64	0.073	18.90	0.078	18.65	0.073
3	64QAM	8	4	18.51	0.071	18.85	0.077	18.61	0.073
3	64QAM	8	7	18.52	0.071	18.72	0.074	18.65	0.073
3	64QAM	15	0	18.62	0.073	18.77	0.075	18.74	0.075

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.85	0.153	21.94	0.156	21.91	0.155
1.4	QPSK	1	3	21.67	0.147	21.83	0.152	21.61	0.145
1.4	QPSK	1	5	21.72	0.149	21.77	0.150	21.64	0.146
1.4	QPSK	3	0	20.63	0.116	20.71	0.118	20.61	0.115
1.4	QPSK	3	1	20.55	0.114	20.68	0.117	20.46	0.111
1.4	QPSK	3	3	20.41	0.110	20.55	0.114	20.48	0.112
1.4	QPSK	6	0	20.52	0.113	20.67	0.117	20.60	0.115
1.4	16QAM	1	0	20.90	0.123	20.92	0.124	20.80	0.120
1.4	16QAM	1	3	20.54	0.113	20.80	0.120	20.51	0.112
1.4	16QAM	1	5	20.50	0.112	20.60	0.115	20.77	0.119
1.4	16QAM	3	0	19.80	0.095	19.79	0.095	19.66	0.092
1.4	16QAM	3	1	19.58	0.091	19.62	0.092	19.72	0.094
1.4	16QAM	3	3	19.60	0.091	19.72	0.094	19.72	0.094
1.4	16QAM	6	0	19.61	0.091	19.76	0.095	19.75	0.094
1.4	64QAM	1	0	19.65	0.092	19.83	0.096	19.75	0.094
1.4	64QAM	1	3	19.58	0.091	19.78	0.095	19.57	0.091
1.4	64QAM	1	5	19.74	0.094	19.74	0.094	19.74	0.094
1.4	64QAM	3	0	18.58	0.072	18.84	0.077	18.59	0.072
1.4	64QAM	3	1	18.45	0.070	18.79	0.076	18.55	0.072
1.4	64QAM	3	3	18.46	0.070	18.66	0.073	18.59	0.072
1.4	64QAM	6	0	18.56	0.072	18.71	0.074	18.68	0.074

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	20.10	0.102	20.18	0.104	20.15	0.104
10	QPSK	1	25	19.88	0.097	20.07	0.102	19.92	0.098
10	QPSK	1	49	19.91	0.098	19.92	0.098	20.03	0.101
10	QPSK	25	0	18.99	0.079	19.04	0.080	18.93	0.078
10	QPSK	25	12	18.80	0.076	19.00	0.079	18.83	0.076
10	QPSK	25	25	18.87	0.077	18.80	0.076	18.72	0.074
10	QPSK	50	0	18.71	0.074	18.81	0.076	18.84	0.077
10	16QAM	1	0	19.02	0.080	19.11	0.081	19.09	0.081
10	16QAM	1	25	18.78	0.076	19.03	0.080	19.04	0.080
10	16QAM	1	49	18.81	0.076	19.02	0.080	19.06	0.081
10	16QAM	25	0	17.99	0.063	18.02	0.063	17.98	0.063
10	16QAM	25	12	17.80	0.060	17.93	0.062	17.94	0.062
10	16QAM	25	25	17.82	0.061	17.87	0.061	17.76	0.060
10	16QAM	50	0	17.84	0.061	18.00	0.063	17.78	0.060
10	64QAM	1	0	18.00	0.063	18.14	0.065	17.86	0.061
10	64QAM	1	25	17.89	0.062	18.09	0.064	18.00	0.063
10	64QAM	1	49	17.91	0.062	18.07	0.064	18.11	0.065
10	64QAM	25	0	16.77	0.048	16.91	0.049	16.81	0.048
10	64QAM	25	12	16.71	0.047	16.77	0.048	17.00	0.050
10	64QAM	25	25	16.75	0.047	16.81	0.048	16.91	0.049
10	64QAM	50	0	16.74	0.047	16.93	0.049	16.84	0.048

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	20.05	0.101	20.13	0.103	20.10	0.102
5	QPSK	1	12	19.83	0.096	20.02	0.100	19.87	0.097
5	QPSK	1	24	19.86	0.097	19.87	0.097	19.98	0.100
5	QPSK	12	0	18.94	0.078	18.99	0.079	18.88	0.077
5	QPSK	12	7	18.75	0.075	18.95	0.079	18.78	0.076
5	QPSK	12	13	18.82	0.076	18.75	0.075	18.67	0.074
5	QPSK	25	0	18.66	0.073	18.76	0.075	18.79	0.076
5	16QAM	1	0	18.97	0.079	19.06	0.081	19.04	0.080
5	16QAM	1	12	18.73	0.075	18.98	0.079	18.99	0.079
5	16QAM	1	24	18.76	0.075	18.97	0.079	19.01	0.080
5	16QAM	12	0	17.94	0.062	17.97	0.063	17.93	0.062
5	16QAM	12	7	17.75	0.060	17.88	0.061	17.89	0.062
5	16QAM	12	13	17.77	0.060	17.82	0.061	17.71	0.059
5	16QAM	25	0	17.79	0.060	17.95	0.062	17.73	0.059
5	64QAM	1	0	17.95	0.062	18.09	0.064	17.81	0.060
5	64QAM	1	12	17.84	0.061	18.04	0.064	17.95	0.062
5	64QAM	1	24	17.86	0.061	18.02	0.063	18.06	0.064
5	64QAM	12	0	16.72	0.047	16.86	0.049	16.76	0.047
5	64QAM	12	7	16.66	0.046	16.72	0.047	16.95	0.050
5	64QAM	12	13	16.70	0.047	16.76	0.047	16.86	0.049
5	64QAM	25	0	16.69	0.047	16.88	0.049	16.79	0.048

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.98	0.100	20.06	0.101	20.03	0.101
3	QPSK	1	8	19.76	0.095	19.95	0.099	19.80	0.095
3	QPSK	1	14	19.79	0.095	19.80	0.095	19.91	0.098
3	QPSK	8	0	18.87	0.077	18.92	0.078	18.81	0.076
3	QPSK	8	4	18.68	0.074	18.88	0.077	18.71	0.074
3	QPSK	8	7	18.75	0.075	18.68	0.074	18.60	0.072
3	QPSK	15	0	18.59	0.072	18.69	0.074	18.72	0.074
3	16QAM	1	0	18.90	0.078	18.99	0.079	18.97	0.079
3	16QAM	1	8	18.66	0.073	18.91	0.078	18.92	0.078
3	16QAM	1	14	18.69	0.074	18.90	0.078	18.94	0.078
3	16QAM	8	0	17.87	0.061	17.90	0.062	17.86	0.061
3	16QAM	8	4	17.68	0.059	17.81	0.060	17.82	0.061
3	16QAM	8	7	17.70	0.059	17.75	0.060	17.64	0.058
3	16QAM	15	0	17.72	0.059	17.88	0.061	17.66	0.058
3	64QAM	1	0	17.88	0.061	18.02	0.063	17.74	0.059
3	64QAM	1	8	17.77	0.060	17.97	0.063	17.88	0.061
3	64QAM	1	14	17.79	0.060	17.95	0.062	17.99	0.063
3	64QAM	8	0	16.65	0.046	16.79	0.048	16.69	0.047
3	64QAM	8	4	16.59	0.046	16.65	0.046	16.88	0.049
3	64QAM	8	7	16.63	0.046	16.69	0.047	16.79	0.048
3	64QAM	15	0	16.62	0.046	16.81	0.048	16.72	0.047

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.95	0.099	20.03	0.101	20.00	0.100
1.4	QPSK	1	3	19.73	0.094	19.92	0.098	19.77	0.095
1.4	QPSK	1	5	19.76	0.095	19.77	0.095	19.88	0.097
1.4	QPSK	3	0	18.84	0.077	18.89	0.077	18.78	0.076
1.4	QPSK	3	1	18.65	0.073	18.85	0.077	18.68	0.074
1.4	QPSK	3	3	18.72	0.074	18.65	0.073	18.57	0.072
1.4	QPSK	6	0	18.56	0.072	18.66	0.073	18.69	0.074
1.4	16QAM	1	0	18.87	0.077	18.96	0.079	18.94	0.078
1.4	16QAM	1	3	18.63	0.073	18.88	0.077	18.89	0.077
1.4	16QAM	1	5	18.66	0.073	18.87	0.077	18.91	0.078
1.4	16QAM	3	0	17.84	0.061	17.87	0.061	17.83	0.061
1.4	16QAM	3	1	17.65	0.058	17.78	0.060	17.79	0.060
1.4	16QAM	3	3	17.67	0.058	17.72	0.059	17.61	0.058
1.4	16QAM	6	0	17.69	0.059	17.85	0.061	17.63	0.058
1.4	64QAM	1	0	17.85	0.061	17.99	0.063	17.71	0.059
1.4	64QAM	1	3	17.74	0.059	17.94	0.062	17.85	0.061
1.4	64QAM	1	5	17.76	0.060	17.92	0.062	17.96	0.063
1.4	64QAM	3	0	16.62	0.046	16.76	0.047	16.66	0.046
1.4	64QAM	3	1	16.56	0.045	16.62	0.046	16.85	0.048
1.4	64QAM	3	3	16.60	0.046	16.66	0.046	16.76	0.047
1.4	64QAM	6	0	16.59	0.046	16.78	0.048	16.69	0.047

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	22.60	0.182	22.69	0.186	22.61	0.182
20	QPSK	1	49	22.60	0.182	22.53	0.179	22.46	0.176
20	QPSK	1	99	22.46	0.176	22.51	0.178	22.42	0.175
20	QPSK	50	0	21.53	0.142	21.58	0.144	21.43	0.139
20	QPSK	50	24	21.49	0.141	21.45	0.140	21.36	0.137
20	QPSK	50	50	21.29	0.135	21.43	0.139	21.46	0.140
20	QPSK	100	0	21.32	0.136	21.47	0.140	21.41	0.138
20	16QAM	1	0	21.46	0.140	21.66	0.147	21.50	0.141
20	16QAM	1	49	21.59	0.144	21.51	0.142	21.54	0.143
20	16QAM	1	99	21.35	0.136	21.59	0.144	21.38	0.137
20	16QAM	50	0	20.51	0.112	20.59	0.115	20.56	0.114
20	16QAM	50	24	20.40	0.110	20.57	0.114	20.50	0.112
20	16QAM	50	50	20.43	0.110	20.57	0.114	20.44	0.111
20	16QAM	100	0	20.31	0.107	20.53	0.113	20.54	0.113
20	64QAM	1	0	20.51	0.112	20.63	0.116	20.55	0.114
20	64QAM	1	49	20.37	0.109	20.47	0.111	20.38	0.109
20	64QAM	1	99	20.41	0.110	20.45	0.111	20.54	0.113
20	64QAM	50	0	19.53	0.090	19.58	0.091	19.45	0.088
20	64QAM	50	24	19.37	0.086	19.33	0.086	19.43	0.088
20	64QAM	50	50	19.23	0.084	19.53	0.090	19.36	0.086
20	64QAM	100	0	19.25	0.084	19.53	0.090	19.37	0.086

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	22.55	0.180	22.64	0.184	22.56	0.180
15	QPSK	1	37	22.55	0.180	22.48	0.177	22.41	0.174
15	QPSK	1	74	22.41	0.174	22.46	0.176	22.37	0.173
15	QPSK	36	0	21.48	0.141	21.53	0.142	21.38	0.137
15	QPSK	36	20	21.44	0.139	21.40	0.138	21.31	0.135
15	QPSK	36	39	21.24	0.133	21.38	0.137	21.41	0.138
15	QPSK	75	0	21.27	0.134	21.42	0.139	21.36	0.137
15	16QAM	1	0	21.41	0.138	21.61	0.145	21.45	0.140
15	16QAM	1	37	21.54	0.143	21.46	0.140	21.49	0.141
15	16QAM	1	74	21.30	0.135	21.54	0.143	21.33	0.136
15	16QAM	36	0	20.46	0.111	20.54	0.113	20.51	0.112
15	16QAM	36	20	20.35	0.108	20.52	0.113	20.45	0.111
15	16QAM	36	39	20.38	0.109	20.52	0.113	20.39	0.109
15	16QAM	75	0	20.26	0.106	20.48	0.112	20.49	0.112
15	64QAM	1	0	20.46	0.111	20.58	0.114	20.50	0.112
15	64QAM	1	37	20.32	0.108	20.42	0.110	20.33	0.108
15	64QAM	1	74	20.36	0.109	20.40	0.110	20.49	0.112
15	64QAM	36	0	19.48	0.089	19.53	0.090	19.40	0.087
15	64QAM	36	20	19.32	0.086	19.28	0.085	19.38	0.087
15	64QAM	36	39	19.18	0.083	19.48	0.089	19.31	0.085
15	64QAM	75	0	19.20	0.083	19.48	0.089	19.32	0.086

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	22.52	0.179	22.61	0.182	22.53	0.179
10	QPSK	1	25	22.52	0.179	22.45	0.176	22.38	0.173
10	QPSK	1	49	22.38	0.173	22.43	0.175	22.34	0.171
10	QPSK	25	0	21.45	0.140	21.50	0.141	21.35	0.136
10	QPSK	25	12	21.41	0.138	21.37	0.137	21.28	0.134
10	QPSK	25	25	21.21	0.132	21.35	0.136	21.38	0.137
10	QPSK	50	0	21.24	0.133	21.39	0.138	21.33	0.136
10	16QAM	1	0	21.38	0.137	21.58	0.144	21.42	0.139
10	16QAM	1	25	21.51	0.142	21.43	0.139	21.46	0.140
10	16QAM	1	49	21.27	0.134	21.51	0.142	21.30	0.135
10	16QAM	25	0	20.43	0.110	20.51	0.112	20.48	0.112
10	16QAM	25	12	20.32	0.108	20.49	0.112	20.42	0.110
10	16QAM	25	25	20.35	0.108	20.49	0.112	20.36	0.109
10	16QAM	50	0	20.23	0.105	20.45	0.111	20.46	0.111
10	64QAM	1	0	20.43	0.110	20.55	0.114	20.47	0.111
10	64QAM	1	25	20.29	0.107	20.39	0.109	20.30	0.107
10	64QAM	1	49	20.33	0.108	20.37	0.109	20.46	0.111
10	64QAM	25	0	19.45	0.088	19.50	0.089	19.37	0.086
10	64QAM	25	12	19.29	0.085	19.25	0.084	19.35	0.086
10	64QAM	25	25	19.15	0.082	19.45	0.088	19.28	0.085
10	64QAM	50	0	19.17	0.083	19.45	0.088	19.29	0.085

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	22.47	0.177	22.56	0.180	22.48	0.177
5	QPSK	1	12	22.47	0.177	22.40	0.174	22.33	0.171
5	QPSK	1	24	22.33	0.171	22.38	0.173	22.29	0.169
5	QPSK	12	0	21.40	0.138	21.45	0.140	21.30	0.135
5	QPSK	12	7	21.36	0.137	21.32	0.136	21.23	0.133
5	QPSK	12	13	21.16	0.131	21.30	0.135	21.33	0.136
5	QPSK	25	0	21.19	0.132	21.34	0.136	21.28	0.134
5	16QAM	1	0	21.33	0.136	21.53	0.142	21.37	0.137
5	16QAM	1	12	21.46	0.140	21.38	0.137	21.41	0.138
5	16QAM	1	24	21.22	0.132	21.46	0.140	21.25	0.133
5	16QAM	12	0	20.38	0.109	20.46	0.111	20.43	0.110
5	16QAM	12	7	20.27	0.106	20.44	0.111	20.37	0.109
5	16QAM	12	13	20.30	0.107	20.44	0.111	20.31	0.107
5	16QAM	25	0	20.18	0.104	20.40	0.110	20.41	0.110
5	64QAM	1	0	20.38	0.109	20.50	0.112	20.42	0.110
5	64QAM	1	12	20.24	0.106	20.34	0.108	20.25	0.106
5	64QAM	1	24	20.28	0.107	20.32	0.108	20.41	0.110
5	64QAM	12	0	19.40	0.087	19.45	0.088	19.32	0.086
5	64QAM	12	7	19.24	0.084	19.20	0.083	19.30	0.085
5	64QAM	12	13	19.10	0.081	19.40	0.087	19.23	0.084
5	64QAM	25	0	19.12	0.082	19.40	0.087	19.24	0.084

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.94	0.099	20.08	0.102	20.04	0.101
10	QPSK	1	25	19.78	0.095	20.01	0.100	20.02	0.100
10	QPSK	1	49	19.77	0.095	19.80	0.095	19.77	0.095
10	QPSK	25	0	18.80	0.076	18.90	0.078	18.87	0.077
10	QPSK	25	12	18.71	0.074	18.82	0.076	18.85	0.077
10	QPSK	25	25	18.66	0.073	18.69	0.074	18.68	0.074
10	QPSK	50	0	18.69	0.074	18.77	0.075	18.81	0.076
10	16QAM	1	0	18.88	0.077	19.07	0.081	19.05	0.080
10	16QAM	1	25	18.84	0.077	18.89	0.077	18.85	0.077
10	16QAM	1	49	18.81	0.076	18.97	0.079	18.88	0.077
10	16QAM	25	0	17.76	0.060	17.92	0.062	17.85	0.061
10	16QAM	25	12	17.65	0.058	17.85	0.061	17.69	0.059
10	16QAM	25	25	17.70	0.059	17.89	0.062	17.88	0.061
10	16QAM	50	0	17.71	0.059	17.85	0.061	17.77	0.060
10	64QAM	1	0	17.89	0.062	18.04	0.064	17.94	0.062
10	64QAM	1	25	17.93	0.062	18.02	0.063	17.92	0.062
10	64QAM	1	49	17.76	0.060	18.04	0.064	17.77	0.060
10	64QAM	25	0	16.81	0.048	16.91	0.049	16.74	0.047
10	64QAM	25	12	16.80	0.048	16.75	0.047	16.78	0.048
10	64QAM	25	25	16.62	0.046	16.88	0.049	16.84	0.048
10	64QAM	50	0	16.68	0.047	16.86	0.049	16.80	0.048

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.89	0.097	20.03	0.101	19.99	0.100
5	QPSK	1	12	19.73	0.094	19.96	0.099	19.97	0.099
5	QPSK	1	24	19.72	0.094	19.75	0.094	19.72	0.094
5	QPSK	12	0	18.75	0.075	18.85	0.077	18.82	0.076
5	QPSK	12	7	18.66	0.073	18.77	0.075	18.80	0.076
5	QPSK	12	13	18.61	0.073	18.64	0.073	18.63	0.073
5	QPSK	25	0	18.64	0.073	18.72	0.074	18.76	0.075
5	16QAM	1	0	18.83	0.076	19.02	0.080	19.00	0.079
5	16QAM	1	12	18.79	0.076	18.84	0.077	18.80	0.076
5	16QAM	1	24	18.76	0.075	18.92	0.078	18.83	0.076
5	16QAM	12	0	17.71	0.059	17.87	0.061	17.80	0.060
5	16QAM	12	7	17.60	0.058	17.80	0.060	17.64	0.058
5	16QAM	12	13	17.65	0.058	17.84	0.061	17.83	0.061
5	16QAM	25	0	17.66	0.058	17.80	0.060	17.72	0.059
5	64QAM	1	0	17.84	0.061	17.99	0.063	17.89	0.062
5	64QAM	1	12	17.88	0.061	17.97	0.063	17.87	0.061
5	64QAM	1	24	17.71	0.059	17.99	0.063	17.72	0.059
5	64QAM	12	0	16.76	0.047	16.86	0.049	16.69	0.047
5	64QAM	12	7	16.75	0.047	16.70	0.047	16.73	0.047
5	64QAM	12	13	16.57	0.045	16.83	0.048	16.79	0.048
5	64QAM	25	0	16.63	0.046	16.81	0.048	16.75	0.047

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.86	0.097	20.00	0.100	19.96	0.099
3	QPSK	1	8	19.70	0.093	19.93	0.098	19.94	0.099
3	QPSK	1	14	19.69	0.093	19.72	0.094	19.69	0.093
3	QPSK	8	0	18.72	0.074	18.82	0.076	18.79	0.076
3	QPSK	8	4	18.63	0.073	18.74	0.075	18.77	0.075
3	QPSK	8	7	18.58	0.072	18.61	0.073	18.60	0.072
3	QPSK	15	0	18.61	0.073	18.69	0.074	18.73	0.075
3	16QAM	1	0	18.80	0.076	18.99	0.079	18.97	0.079
3	16QAM	1	8	18.76	0.075	18.81	0.076	18.77	0.075
3	16QAM	1	14	18.73	0.075	18.89	0.077	18.80	0.076
3	16QAM	8	0	17.68	0.059	17.84	0.061	17.77	0.060
3	16QAM	8	4	17.57	0.057	17.77	0.060	17.61	0.058
3	16QAM	8	7	17.62	0.058	17.81	0.060	17.80	0.060
3	16QAM	15	0	17.63	0.058	17.77	0.060	17.69	0.059
3	64QAM	1	0	17.81	0.060	17.96	0.063	17.86	0.061
3	64QAM	1	8	17.85	0.061	17.94	0.062	17.84	0.061
3	64QAM	1	14	17.68	0.059	17.96	0.063	17.69	0.059
3	64QAM	8	0	16.73	0.047	16.83	0.048	16.66	0.046
3	64QAM	8	4	16.72	0.047	16.67	0.046	16.70	0.047
3	64QAM	8	7	16.54	0.045	16.80	0.048	16.76	0.047
3	64QAM	15	0	16.60	0.046	16.78	0.048	16.72	0.047

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	V	0.096	19.98	0.100	19.94	0.099
1.4	QPSK	1	3	19.68	0.093	19.91	0.098	19.92	0.098
1.4	QPSK	1	5	19.67	0.093	19.70	0.093	19.67	0.093
1.4	QPSK	3	0	18.70	0.074	18.80	0.076	18.77	0.075
1.4	QPSK	3	1	18.61	0.073	18.72	0.074	18.75	0.075
1.4	QPSK	3	3	18.56	0.072	18.59	0.072	18.58	0.072
1.4	QPSK	6	0	18.59	0.072	18.67	0.074	18.71	0.074
1.4	16QAM	1	0	18.78	0.076	18.97	0.079	18.95	0.079
1.4	16QAM	1	3	18.74	0.075	18.79	0.076	18.75	0.075
1.4	16QAM	1	5	18.71	0.074	18.87	0.077	18.78	0.076
1.4	16QAM	3	0	17.66	0.058	17.82	0.061	17.75	0.060
1.4	16QAM	3	1	17.55	0.057	17.75	0.060	17.59	0.057
1.4	16QAM	3	3	17.60	0.058	17.79	0.060	17.78	0.060
1.4	16QAM	6	0	17.61	0.058	17.75	0.060	17.67	0.058
1.4	64QAM	1	0	17.79	0.060	17.94	0.062	17.84	0.061
1.4	64QAM	1	3	17.83	0.061	17.92	0.062	17.82	0.061
1.4	64QAM	1	5	17.66	0.058	17.94	0.062	17.67	0.058
1.4	64QAM	3	0	16.71	0.047	16.81	0.048	16.64	0.046
1.4	64QAM	3	1	16.70	0.047	16.65	0.046	16.68	0.047
1.4	64QAM	3	3	16.52	0.045	16.78	0.048	16.74	0.047
1.4	64QAM	6	0	16.58	0.045	16.76	0.047	16.70	0.047

LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	17.26	0.053	/	/
10	QPSK	1	25	/	/	17.18	0.052	/	/
10	QPSK	1	49	/	/	17.21	0.053	/	/
10	QPSK	25	0	/	/	16.25	0.042	/	/
10	QPSK	25	12	/	/	16.18	0.041	/	/
10	QPSK	25	25	/	/	16.13	0.041	/	/
10	QPSK	50	0	/	/	16.17	0.041	/	/
10	16QAM	1	0	/	/	16.26	0.042	/	/
10	16QAM	1	25	/	/	16.19	0.042	/	/
10	16QAM	1	49	/	/	16.15	0.041	/	/
10	16QAM	25	0	/	/	15.19	0.033	/	/
10	16QAM	25	12	/	/	15.14	0.033	/	/
10	16QAM	25	25	/	/	15.07	0.032	/	/
10	16QAM	50	0	/	/	15.12	0.033	/	/
10	64QAM	1	0	/	/	15.32	0.034	/	/
10	64QAM	1	25	/	/	15.27	0.034	/	/
10	64QAM	1	49	/	/	15.23	0.033	/	/
10	64QAM	25	0	/	/	14.20	0.026	/	/
10	64QAM	25	12	/	/	14.12	0.026	/	/
10	64QAM	25	25	/	/	14.09	0.026	/	/
10	64QAM	50	0	/	/	14.15	0.026	/	/

LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.15	0.052	17.18	0.052	17.22	0.053
5	QPSK	1	12	17.20	0.052	17.21	0.053	17.18	0.052
5	QPSK	1	24	17.03	0.050	17.15	0.052	17.14	0.052
5	QPSK	12	0	15.99	0.040	16.14	0.041	16.00	0.040
5	QPSK	12	7	15.93	0.039	16.10	0.041	15.90	0.039
5	QPSK	12	13	16.03	0.040	15.98	0.040	16.03	0.040
5	QPSK	25	0	16.06	0.040	16.24	0.042	16.01	0.040
5	16QAM	1	0	16.17	0.041	16.23	0.042	16.22	0.042
5	16QAM	1	12	16.15	0.041	16.20	0.042	16.03	0.040
5	16QAM	1	24	16.19	0.042	16.19	0.042	16.15	0.041
5	16QAM	12	0	15.12	0.033	15.21	0.033	15.09	0.032
5	16QAM	12	7	15.13	0.033	15.08	0.032	15.06	0.032
5	16QAM	12	13	14.95	0.031	15.14	0.033	15.10	0.032
5	16QAM	25	0	15.01	0.032	15.09	0.032	15.04	0.032
5	64QAM	1	0	15.09	0.032	15.32	0.034	15.24	0.033
5	64QAM	1	12	15.25	0.033	15.30	0.034	15.18	0.033
5	64QAM	1	24	15.01	0.032	15.06	0.032	15.00	0.032
5	64QAM	12	0	13.98	0.025	14.28	0.027	14.23	0.026
5	64QAM	12	7	13.92	0.025	13.97	0.025	14.14	0.026
5	64QAM	12	13	14.04	0.025	14.11	0.026	13.98	0.025
5	64QAM	25	0	13.91	0.025	14.06	0.025	13.92	0.025

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.95	0.099	20.02	0.100	20.00	0.100
10	QPSK	1	25	19.86	0.097	19.91	0.098	19.77	0.095
10	QPSK	1	49	19.76	0.095	19.88	0.097	19.97	0.099
10	QPSK	25	0	18.85	0.077	18.93	0.078	18.89	0.077
10	QPSK	25	12	18.73	0.075	18.78	0.076	18.76	0.075
10	QPSK	25	25	18.72	0.074	18.82	0.076	18.73	0.075
10	QPSK	50	0	18.77	0.075	18.85	0.077	18.80	0.076
10	16QAM	1	0	18.94	0.078	19.02	0.080	18.88	0.077
10	16QAM	1	25	18.84	0.077	18.92	0.078	18.78	0.076
10	16QAM	1	49	18.82	0.076	18.96	0.079	18.97	0.079
10	16QAM	25	0	17.80	0.060	17.87	0.061	17.79	0.060
10	16QAM	25	12	17.71	0.059	17.85	0.061	17.73	0.059
10	16QAM	25	25	17.65	0.058	17.79	0.060	17.70	0.059
10	16QAM	50	0	17.77	0.060	17.73	0.059	17.73	0.059
10	64QAM	1	0	17.81	0.060	18.04	0.064	17.89	0.062
10	64QAM	1	25	17.85	0.061	18.03	0.064	17.73	0.059
10	64QAM	1	49	17.77	0.060	17.98	0.063	17.92	0.062
10	64QAM	25	0	16.77	0.048	16.90	0.049	16.74	0.047
10	64QAM	25	12	16.71	0.047	16.80	0.048	16.65	0.046
10	64QAM	25	25	16.71	0.047	16.85	0.048	16.73	0.047
10	64QAM	50	0	16.74	0.047	16.83	0.048	16.76	0.047

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.90	0.098	19.97	0.099	19.95	0.099
5	QPSK	1	12	19.81	0.096	19.86	0.097	19.72	0.094
5	QPSK	1	24	19.71	0.094	19.83	0.096	19.92	0.098
5	QPSK	12	0	18.67	0.074	18.78	0.076	18.77	0.075
5	QPSK	12	7	18.68	0.074	18.73	0.075	18.71	0.074
5	QPSK	12	13	18.67	0.074	18.77	0.075	18.68	0.074
5	QPSK	25	0	18.72	0.074	18.80	0.076	18.75	0.075
5	16QAM	1	0	18.89	0.077	18.97	0.079	18.83	0.076
5	16QAM	1	12	18.79	0.076	18.87	0.077	18.73	0.075
5	16QAM	1	24	18.77	0.075	18.91	0.078	18.92	0.078
5	16QAM	12	0	17.75	0.060	17.82	0.061	17.74	0.059
5	16QAM	12	7	17.66	0.058	17.80	0.060	17.68	0.059
5	16QAM	12	13	17.60	0.058	17.74	0.059	17.65	0.058
5	16QAM	25	0	17.72	0.059	17.68	0.059	17.68	0.059
5	64QAM	1	0	17.76	0.060	17.99	0.063	17.84	0.061
5	64QAM	1	12	17.80	0.060	17.98	0.063	17.68	0.059
5	64QAM	1	24	17.72	0.059	17.93	0.062	17.87	0.061
5	64QAM	12	0	16.72	0.047	16.85	0.048	16.69	0.047
5	64QAM	12	7	16.66	0.046	16.75	0.047	16.60	0.046
5	64QAM	12	13	16.66	0.046	16.80	0.048	16.68	0.047
5	64QAM	25	0	16.69	0.047	16.78	0.048	16.71	0.047

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.01	0.317	25.02	0.318	24.93	0.311
20	QPSK	1	49	24.86	0.306	24.94	0.312	24.84	0.305
20	QPSK	1	99	24.79	0.301	24.97	0.314	24.77	0.300
20	QPSK	50	0	23.78	0.239	23.89	0.245	23.84	0.242
20	QPSK	50	24	23.66	0.232	23.80	0.240	23.71	0.235
20	QPSK	50	50	23.75	0.237	23.86	0.243	23.82	0.241
20	QPSK	100	0	23.77	0.238	23.82	0.241	23.69	0.234
20	16QAM	1	0	23.95	0.248	23.97	0.249	23.84	0.242
20	16QAM	1	49	23.69	0.234	23.89	0.245	23.90	0.245
20	16QAM	1	99	23.70	0.234	23.76	0.238	23.95	0.248
20	16QAM	50	0	22.70	0.186	22.91	0.195	22.82	0.191
20	16QAM	50	24	22.63	0.183	22.74	0.188	22.86	0.193
20	16QAM	50	50	22.67	0.185	22.84	0.192	22.73	0.187
20	16QAM	100	0	22.72	0.187	22.87	0.194	22.95	0.197
20	64QAM	1	0	22.90	0.195	23.03	0.201	22.97	0.198
20	64QAM	1	49	22.92	0.196	22.87	0.194	22.96	0.198
20	64QAM	1	99	22.77	0.189	22.99	0.199	23.01	0.200
20	64QAM	50	0	21.77	0.150	21.89	0.155	21.80	0.151
20	64QAM	50	24	21.81	0.152	21.86	0.153	21.74	0.149
20	64QAM	50	50	21.71	0.148	21.80	0.151	21.72	0.149
20	64QAM	100	0	21.64	0.146	21.68	0.147	21.62	0.145

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.98	0.315	24.99	0.316	24.90	0.309
15	QPSK	1	37	24.83	0.304	24.91	0.310	24.81	0.303
15	QPSK	1	74	24.76	0.299	24.94	0.312	24.74	0.298
15	QPSK	36	0	23.75	0.237	23.86	0.243	23.81	0.240
15	QPSK	36	20	23.63	0.231	23.77	0.238	23.68	0.233
15	QPSK	36	39	23.72	0.236	23.83	0.242	23.79	0.239
15	QPSK	75	0	23.74	0.237	23.79	0.239	23.66	0.232
15	16QAM	1	0	23.92	0.247	23.94	0.248	23.81	0.240
15	16QAM	1	37	23.66	0.232	23.86	0.243	23.87	0.244
15	16QAM	1	74	23.67	0.233	23.73	0.236	23.92	0.247
15	16QAM	36	0	22.67	0.185	22.88	0.194	22.79	0.190
15	16QAM	36	20	22.60	0.182	22.71	0.187	22.83	0.192
15	16QAM	36	39	22.64	0.184	22.81	0.191	22.70	0.186
15	16QAM	75	0	22.69	0.186	22.84	0.192	22.92	0.196
15	64QAM	1	0	22.87	0.194	23.00	0.200	22.94	0.197
15	64QAM	1	37	22.89	0.195	22.84	0.192	22.93	0.196
15	64QAM	1	74	22.74	0.188	22.96	0.198	22.98	0.199
15	64QAM	36	0	21.74	0.149	21.86	0.153	21.77	0.150
15	64QAM	36	20	21.78	0.151	21.83	0.152	21.71	0.148
15	64QAM	36	39	21.68	0.147	21.77	0.150	21.69	0.148
15	64QAM	75	0	21.61	0.145	21.65	0.146	21.59	0.144

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.93	0.311	24.94	0.312	24.85	0.305
10	QPSK	1	25	24.78	0.301	24.86	0.306	24.76	0.299
10	QPSK	1	49	24.71	0.296	24.89	0.308	24.69	0.294
10	QPSK	25	0	23.70	0.234	23.81	0.240	23.76	0.238
10	QPSK	25	12	23.58	0.228	23.72	0.236	23.63	0.231
10	QPSK	25	25	23.67	0.233	23.78	0.239	23.74	0.237
10	QPSK	50	0	23.69	0.234	23.74	0.237	23.61	0.230
10	16QAM	1	0	23.87	0.244	23.89	0.245	23.76	0.238
10	16QAM	1	25	23.61	0.230	23.81	0.240	23.82	0.241
10	16QAM	1	49	23.62	0.230	23.68	0.233	23.87	0.244
10	16QAM	25	0	22.62	0.183	22.83	0.192	22.74	0.188
10	16QAM	25	12	22.55	0.180	22.66	0.185	22.78	0.190
10	16QAM	25	25	22.59	0.182	22.76	0.189	22.65	0.184
10	16QAM	50	0	22.64	0.184	22.79	0.190	22.87	0.194
10	64QAM	1	0	22.82	0.191	22.95	0.197	22.89	0.195
10	64QAM	1	25	22.84	0.192	22.79	0.190	22.88	0.194
10	64QAM	1	49	22.69	0.186	22.91	0.195	22.93	0.196
10	64QAM	25	0	21.69	0.148	21.81	0.152	21.72	0.149
10	64QAM	25	12	21.73	0.149	21.78	0.151	21.66	0.147
10	64QAM	25	25	21.63	0.146	21.72	0.149	21.64	0.146
10	64QAM	50	0	21.56	0.143	21.60	0.145	21.54	0.143

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.91	0.310	24.92	0.310	24.83	0.304
5	QPSK	1	12	24.76	0.299	24.84	0.305	24.74	0.298
5	QPSK	1	24	24.69	0.294	24.87	0.307	24.67	0.293
5	QPSK	12	0	23.68	0.233	23.79	0.239	23.74	0.237
5	QPSK	12	7	23.56	0.227	23.70	0.234	23.61	0.230
5	QPSK	12	13	23.65	0.232	23.76	0.238	23.72	0.236
5	QPSK	25	0	23.67	0.233	23.72	0.236	23.59	0.229
5	16QAM	1	0	23.85	0.243	23.87	0.244	23.74	0.237
5	16QAM	1	12	23.59	0.229	23.79	0.239	23.80	0.240
5	16QAM	1	24	23.60	0.229	23.66	0.232	23.85	0.243
5	16QAM	12	0	22.60	0.182	22.81	0.191	22.72	0.187
5	16QAM	12	7	22.53	0.179	22.64	0.184	22.76	0.189
5	16QAM	12	13	22.57	0.181	22.74	0.188	22.63	0.183
5	16QAM	25	0	22.62	0.183	22.77	0.189	22.85	0.193
5	64QAM	1	0	22.80	0.191	22.93	0.196	22.87	0.194
5	64QAM	1	12	22.82	0.191	22.77	0.189	22.86	0.193
5	64QAM	1	24	22.67	0.185	22.89	0.195	22.91	0.195
5	64QAM	12	0	21.67	0.147	21.79	0.151	21.70	0.148
5	64QAM	12	7	21.71	0.148	21.76	0.150	21.64	0.146
5	64QAM	12	13	21.61	0.145	21.70	0.148	21.62	0.145
5	64QAM	25	0	21.54	0.143	21.58	0.144	21.52	0.142

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.87	0.307	24.88	0.308	24.79	0.301
3	QPSK	1	8	24.72	0.296	24.80	0.302	24.70	0.295
3	QPSK	1	14	24.65	0.292	24.83	0.304	24.63	0.290
3	QPSK	8	0	23.64	0.231	23.75	0.237	23.70	0.234
3	QPSK	8	4	23.52	0.225	23.66	0.232	23.57	0.228
3	QPSK	8	7	23.61	0.230	23.72	0.236	23.68	0.233
3	QPSK	15	0	23.63	0.231	23.68	0.233	23.55	0.226
3	16QAM	1	0	23.81	0.240	23.83	0.242	23.70	0.234
3	16QAM	1	8	23.55	0.226	23.75	0.237	23.76	0.238
3	16QAM	1	14	23.56	0.227	23.62	0.230	23.81	0.240
3	16QAM	8	0	22.56	0.180	22.77	0.189	22.68	0.185
3	16QAM	8	4	22.49	0.177	22.60	0.182	22.72	0.187
3	16QAM	8	7	22.53	0.179	22.70	0.186	22.59	0.182
3	16QAM	15	0	22.58	0.181	22.73	0.187	22.81	0.191
3	64QAM	1	0	22.76	0.189	22.89	0.195	22.83	0.192
3	64QAM	1	8	22.78	0.190	22.73	0.187	22.82	0.191
3	64QAM	1	14	22.63	0.183	22.85	0.193	22.87	0.194
3	64QAM	8	0	21.63	0.146	21.75	0.150	21.66	0.147
3	64QAM	8	4	21.67	0.147	21.72	0.149	21.60	0.145
3	64QAM	8	7	21.57	0.144	21.66	0.147	21.58	0.144
3	64QAM	15	0	21.50	0.141	21.54	0.143	21.48	0.141

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.84	0.305	24.85	0.305	24.76	0.299
1.4	QPSK	1	3	24.69	0.294	24.77	0.300	24.67	0.293
1.4	QPSK	1	5	24.62	0.290	24.80	0.302	24.60	0.288
1.4	QPSK	3	0	23.61	0.230	23.72	0.236	23.67	0.233
1.4	QPSK	3	1	23.49	0.223	23.63	0.231	23.54	0.226
1.4	QPSK	3	3	23.58	0.228	23.69	0.234	23.65	0.232
1.4	QPSK	6	0	23.60	0.229	23.65	0.232	23.52	0.225
1.4	16QAM	1	0	23.78	0.239	23.80	0.240	23.67	0.233
1.4	16QAM	1	3	23.52	0.225	23.72	0.236	23.73	0.236
1.4	16QAM	1	5	23.53	0.225	23.59	0.229	23.78	0.239
1.4	16QAM	3	0	22.53	0.179	22.74	0.188	22.65	0.184
1.4	16QAM	3	1	22.46	0.176	22.57	0.181	22.69	0.186
1.4	16QAM	3	3	22.50	0.178	22.67	0.185	22.56	0.180
1.4	16QAM	6	0	22.55	0.180	22.70	0.186	22.78	0.190
1.4	64QAM	1	0	22.73	0.187	22.86	0.193	22.80	0.191
1.4	64QAM	1	3	22.75	0.188	22.70	0.186	22.79	0.190
1.4	64QAM	1	5	22.60	0.182	22.82	0.191	22.84	0.192
1.4	64QAM	3	0	21.60	0.145	21.72	0.149	21.63	0.146
1.4	64QAM	3	1	21.64	0.146	21.69	0.148	21.57	0.144
1.4	64QAM	3	3	21.54	0.143	21.63	0.146	21.55	0.143
1.4	64QAM	6	0	21.47	0.140	21.51	0.142	21.45	0.140

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	19.85	0.097	19.87	0.097	19.91	0.098
15	QPSK	1	37	19.98	0.100	19.95	0.099	19.93	0.098
15	QPSK	1	74	19.93	0.098	19.91	0.098	19.78	0.095
15	QPSK	36	0	18.86	0.077	18.92	0.078	18.96	0.079
15	QPSK	36	20	18.94	0.078	18.92	0.078	18.96	0.079
15	QPSK	36	39	18.95	0.079	18.92	0.078	18.96	0.079
15	QPSK	75	0	18.95	0.079	18.93	0.078	18.68	0.074
15	16QAM	1	0	18.75	0.075	18.80	0.076	19.07	0.081
15	16QAM	1	37	18.88	0.077	18.72	0.074	19.10	0.081
15	16QAM	1	74	18.68	0.074	18.67	0.074	19.11	0.081
15	16QAM	36	0	17.88	0.061	17.92	0.062	17.96	0.063
15	16QAM	36	20	17.95	0.062	17.91	0.062	17.97	0.063
15	16QAM	36	39	17.95	0.062	17.92	0.062	17.85	0.061
15	16QAM	75	0	17.96	0.063	17.94	0.062	17.99	0.063
15	64QAM	1	0	17.52	0.056	17.68	0.059	17.99	0.063
15	64QAM	1	37	17.93	0.062	17.90	0.062	17.94	0.062
15	64QAM	1	74	17.72	0.059	17.80	0.060	17.81	0.060
15	64QAM	36	0	16.89	0.049	16.90	0.049	16.97	0.050
15	64QAM	36	20	16.95	0.050	16.95	0.050	16.86	0.049
15	64QAM	36	39	16.96	0.050	16.96	0.050	16.81	0.048
15	64QAM	75	0	16.95	0.050	16.94	0.049	16.98	0.050

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	19.75	0.094	19.92	0.098	19.91	0.098
10	QPSK	1	25	19.85	0.097	19.94	0.099	19.86	0.097
10	QPSK	1	49	19.94	0.099	19.90	0.098	19.92	0.098
10	QPSK	25	0	18.92	0.078	18.96	0.079	18.98	0.079
10	QPSK	25	12	18.92	0.078	18.95	0.079	18.97	0.079
10	QPSK	25	25	18.95	0.079	18.96	0.079	18.95	0.079
10	QPSK	50	0	18.95	0.079	18.93	0.078	18.97	0.079
10	16QAM	1	0	18.92	0.078	18.74	0.075	19.09	0.081
10	16QAM	1	25	18.99	0.079	18.75	0.075	19.12	0.082
10	16QAM	1	49	19.15	0.082	18.73	0.075	18.62	0.073
10	16QAM	25	0	17.91	0.062	17.94	0.062	17.99	0.063
10	16QAM	25	12	17.90	0.062	17.93	0.062	17.97	0.063
10	16QAM	25	25	17.94	0.062	17.95	0.062	17.94	0.062
10	16QAM	50	0	17.94	0.062	17.94	0.062	17.96	0.063
10	64QAM	1	0	17.95	0.062	17.49	0.056	17.96	0.063
10	64QAM	1	25	17.92	0.062	17.41	0.055	17.91	0.062
10	64QAM	1	49	17.96	0.063	17.47	0.056	17.52	0.056
10	64QAM	25	0	16.91	0.049	16.93	0.049	16.96	0.050
10	64QAM	25	12	16.89	0.049	16.93	0.049	16.95	0.050
10	64QAM	25	25	16.94	0.049	16.94	0.049	16.96	0.050
10	64QAM	50	0	16.94	0.049	16.91	0.049	16.94	0.049

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	19.92	0.098	19.85	0.097	19.78	0.095
5	QPSK	1	12	19.93	0.098	19.96	0.099	19.73	0.094
5	QPSK	1	24	19.83	0.096	19.94	0.099	19.73	0.094
5	QPSK	12	0	18.98	0.079	18.98	0.079	18.60	0.072
5	QPSK	12	7	18.97	0.079	19.01	0.080	18.66	0.073
5	QPSK	12	13	18.95	0.079	18.98	0.079	18.62	0.073
5	QPSK	25	0	18.97	0.079	18.71	0.074	19.02	0.080
5	16QAM	1	0	18.96	0.079	18.85	0.077	18.89	0.077
5	16QAM	1	12	18.96	0.079	18.91	0.078	18.97	0.079
5	16QAM	1	24	18.97	0.079	18.86	0.077	18.90	0.078
5	16QAM	12	0	17.87	0.061	17.86	0.061	17.86	0.061
5	16QAM	12	7	17.89	0.062	17.93	0.062	17.86	0.061
5	16QAM	12	13	17.85	0.061	17.84	0.061	17.82	0.061
5	16QAM	25	0	17.97	0.063	17.93	0.062	17.94	0.062
5	64QAM	1	0	17.99	0.063	17.90	0.062	17.77	0.060
5	64QAM	1	12	17.98	0.063	17.98	0.063	17.77	0.060
5	64QAM	1	24	17.91	0.062	17.83	0.061	17.75	0.060
5	64QAM	12	0	17.03	0.050	17.02	0.050	16.96	0.050
5	64QAM	12	7	17.01	0.050	17.03	0.050	16.91	0.049
5	64QAM	12	13	17.00	0.050	17.03	0.050	16.89	0.049
5	64QAM	25	0	16.96	0.050	16.88	0.049	16.88	0.049

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	19.73	0.094	19.81	0.096	19.89	0.097
3	QPSK	1	8	19.87	0.097	19.93	0.098	19.66	0.092
3	QPSK	1	14	19.71	0.094	19.89	0.097	19.84	0.096
3	QPSK	8	0	18.91	0.078	18.98	0.079	18.92	0.078
3	QPSK	8	4	18.91	0.078	18.96	0.079	18.90	0.078
3	QPSK	8	7	18.90	0.078	18.97	0.079	18.95	0.079
3	QPSK	15	0	18.92	0.078	18.97	0.079	18.96	0.079
3	16QAM	1	0	18.89	0.077	18.93	0.078	18.93	0.078
3	16QAM	1	8	18.93	0.078	19.05	0.080	18.91	0.078
3	16QAM	1	14	18.89	0.077	18.90	0.078	18.91	0.078
3	16QAM	8	0	17.98	0.063	17.98	0.063	18.03	0.064
3	16QAM	8	4	17.95	0.062	17.96	0.063	17.94	0.062
3	16QAM	8	7	17.98	0.063	17.95	0.062	17.98	0.063
3	16QAM	15	0	17.86	0.061	17.84	0.061	17.88	0.061
3	64QAM	1	0	17.86	0.061	17.95	0.062	17.94	0.062
3	64QAM	1	8	17.83	0.061	17.95	0.062	17.87	0.061
3	64QAM	1	14	17.84	0.061	17.92	0.062	17.89	0.062
3	64QAM	8	0	17.00	0.050	16.98	0.050	16.97	0.050
3	64QAM	8	4	16.96	0.050	16.97	0.050	16.94	0.049
3	64QAM	8	7	16.98	0.050	16.95	0.050	16.85	0.048
3	64QAM	15	0	16.91	0.049	16.95	0.050	16.93	0.049

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	19.81	0.096	19.95	0.099	19.84	0.096
1.4	QPSK	1	3	19.82	0.096	19.94	0.099	19.74	0.094
1.4	QPSK	1	5	19.85	0.097	19.84	0.096	19.86	0.097
1.4	QPSK	3	0	19.90	0.098	19.92	0.098	19.94	0.099
1.4	QPSK	3	1	19.84	0.096	19.93	0.098	19.94	0.099
1.4	QPSK	3	3	19.89	0.097	19.95	0.099	19.91	0.098
1.4	QPSK	6	0	18.73	0.075	18.95	0.079	18.74	0.075
1.4	16QAM	1	0	18.99	0.079	18.94	0.078	18.94	0.078
1.4	16QAM	1	3	19.03	0.080	18.93	0.078	18.98	0.079
1.4	16QAM	1	5	18.94	0.078	18.90	0.078	18.88	0.077
1.4	16QAM	3	0	18.78	0.076	18.75	0.075	18.73	0.075
1.4	16QAM	3	1	18.83	0.076	18.78	0.076	18.75	0.075
1.4	16QAM	3	3	18.73	0.075	18.78	0.076	18.81	0.076
1.4	16QAM	6	0	17.90	0.062	17.85	0.061	17.91	0.062
1.4	64QAM	1	0	18.01	0.063	17.95	0.062	17.91	0.062
1.4	64QAM	1	3	17.97	0.063	17.90	0.062	17.90	0.062
1.4	64QAM	1	5	17.96	0.063	17.88	0.061	17.95	0.062
1.4	64QAM	3	0	17.96	0.063	17.85	0.061	17.96	0.063
1.4	64QAM	3	1	17.94	0.062	17.91	0.062	17.96	0.063
1.4	64QAM	3	3	17.92	0.062	17.89	0.062	17.95	0.062
1.4	64QAM	6	0	16.86	0.049	16.76	0.047	16.76	0.047

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	23.23	0.210	23.26	0.212	23.18	0.208
20	QPSK	1	49	23.20	0.209	23.05	0.202	22.99	0.199
20	QPSK	1	99	23.11	0.205	23.02	0.200	23.07	0.203
20	QPSK	50	0	22.17	0.165	22.19	0.166	22.03	0.160
20	QPSK	50	24	22.13	0.163	22.12	0.163	21.96	0.157
20	QPSK	50	50	21.95	0.157	22.01	0.159	22.00	0.158
20	QPSK	100	0	21.99	0.158	22.10	0.162	21.97	0.157
20	16QAM	1	0	22.18	0.165	22.23	0.167	22.20	0.166
20	16QAM	1	49	22.09	0.162	22.04	0.160	21.99	0.158
20	16QAM	1	99	22.05	0.160	21.97	0.157	22.10	0.162
20	16QAM	50	0	21.14	0.130	21.17	0.131	21.13	0.130
20	16QAM	50	24	20.99	0.126	21.13	0.130	21.05	0.127
20	16QAM	50	50	21.01	0.126	20.99	0.126	20.96	0.125
20	16QAM	100	0	20.97	0.125	20.93	0.124	20.96	0.125
20	64QAM	1	0	21.18	0.131	21.22	0.132	21.12	0.129
20	64QAM	1	49	21.20	0.132	21.08	0.128	21.19	0.132
20	64QAM	1	99	21.04	0.127	21.20	0.132	21.06	0.128
20	64QAM	50	0	20.17	0.104	20.19	0.104	20.04	0.101
20	64QAM	50	24	20.05	0.101	20.18	0.104	19.92	0.098
20	64QAM	50	50	19.96	0.099	20.03	0.101	20.02	0.100
20	64QAM	100	0	20.00	0.100	20.14	0.103	19.98	0.100

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	23.18	0.208	23.21	0.209	23.13	0.206
15	QPSK	1	37	23.15	0.207	23.00	0.200	22.94	0.197
15	QPSK	1	74	23.06	0.202	22.97	0.198	23.02	0.200
15	QPSK	36	0	22.12	0.163	22.14	0.164	21.98	0.158
15	QPSK	36	20	22.08	0.161	22.07	0.161	21.91	0.155
15	QPSK	36	39	21.90	0.155	21.96	0.157	21.95	0.157
15	QPSK	75	0	21.94	0.156	22.05	0.160	21.92	0.156
15	16QAM	1	0	22.13	0.163	22.18	0.165	22.15	0.164
15	16QAM	1	37	22.04	0.160	21.99	0.158	21.94	0.156
15	16QAM	1	74	22.00	0.158	21.92	0.156	22.05	0.160
15	16QAM	36	0	21.09	0.129	21.12	0.129	21.08	0.128
15	16QAM	36	20	20.94	0.124	21.08	0.128	21.00	0.126
15	16QAM	36	39	20.96	0.125	20.94	0.124	20.91	0.123
15	16QAM	75	0	20.92	0.124	20.88	0.122	20.91	0.123
15	64QAM	1	0	21.13	0.130	21.17	0.131	21.07	0.128
15	64QAM	1	37	21.15	0.130	21.03	0.127	21.14	0.130
15	64QAM	1	74	20.99	0.126	21.15	0.130	21.01	0.126
15	64QAM	36	0	20.12	0.103	20.14	0.103	19.99	0.100
15	64QAM	36	20	20.00	0.100	20.13	0.103	19.87	0.097
15	64QAM	36	39	19.91	0.098	19.98	0.100	19.97	0.099
15	64QAM	75	0	19.95	0.099	20.09	0.102	19.93	0.098

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	23.15	0.207	23.18	0.208	23.10	0.204
10	QPSK	1	25	23.12	0.205	22.97	0.198	22.91	0.195
10	QPSK	1	49	23.03	0.201	22.94	0.197	22.99	0.199
10	QPSK	25	0	22.09	0.162	22.11	0.163	21.95	0.157
10	QPSK	25	12	22.05	0.160	22.04	0.160	21.88	0.154
10	QPSK	25	25	21.87	0.154	21.93	0.156	21.92	0.156
10	QPSK	50	0	21.91	0.155	22.02	0.159	21.89	0.155
10	16QAM	1	0	22.10	0.162	22.15	0.164	22.12	0.163
10	16QAM	1	25	22.01	0.159	21.96	0.157	21.91	0.155
10	16QAM	1	49	21.97	0.157	21.89	0.155	22.02	0.159
10	16QAM	25	0	21.06	0.128	21.09	0.129	21.05	0.127
10	16QAM	25	12	20.91	0.123	21.05	0.127	20.97	0.125
10	16QAM	25	25	20.93	0.124	20.91	0.123	20.88	0.122
10	16QAM	50	0	20.89	0.123	20.85	0.122	20.88	0.122
10	64QAM	1	0	21.10	0.129	21.14	0.130	21.04	0.127
10	64QAM	1	25	21.12	0.129	21.00	0.126	21.11	0.129
10	64QAM	1	49	20.96	0.125	21.12	0.129	20.98	0.125
10	64QAM	25	0	20.09	0.102	20.11	0.103	19.96	0.099
10	64QAM	25	12	19.97	0.099	20.10	0.102	19.84	0.096
10	64QAM	25	25	19.88	0.097	19.95	0.099	19.94	0.099
10	64QAM	50	0	19.92	0.098	20.06	0.101	19.90	0.098

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	23.12	0.205	23.15	0.207	23.07	0.203
5	QPSK	1	12	23.09	0.204	22.94	0.197	22.88	0.194
5	QPSK	1	24	23.00	0.200	22.91	0.195	22.96	0.198
5	QPSK	12	0	22.06	0.161	22.08	0.161	21.92	0.156
5	QPSK	12	7	22.02	0.159	22.01	0.159	21.85	0.153
5	QPSK	12	13	21.84	0.153	21.90	0.155	21.89	0.155
5	QPSK	25	0	21.88	0.154	21.99	0.158	21.86	0.153
5	16QAM	1	0	22.07	0.161	22.12	0.163	22.09	0.162
5	16QAM	1	12	21.98	0.158	21.93	0.156	21.88	0.154
5	16QAM	1	24	21.94	0.156	21.86	0.153	21.99	0.158
5	16QAM	12	0	21.03	0.127	21.06	0.128	21.02	0.126
5	16QAM	12	7	20.88	0.122	21.02	0.126	20.94	0.124
5	16QAM	12	13	20.90	0.123	20.88	0.122	20.85	0.122
5	16QAM	25	0	20.86	0.122	20.82	0.121	20.85	0.122
5	64QAM	1	0	21.07	0.128	21.11	0.129	21.01	0.126
5	64QAM	1	12	21.09	0.129	20.97	0.125	21.08	0.128
5	64QAM	1	24	20.93	0.124	21.09	0.129	20.95	0.124
5	64QAM	12	0	20.06	0.101	20.08	0.102	19.93	0.098
5	64QAM	12	7	19.94	0.099	20.07	0.102	19.81	0.096
5	64QAM	12	13	19.85	0.097	19.92	0.098	19.91	0.098
5	64QAM	25	0	19.89	0.097	20.03	0.101	19.87	0.097

LTE Band 41 (Power Class2)				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	25.40	25.42	25.44	25.37	25.39	25.40
20	QPSK	1	49	25.21	25.29	25.31	25.20	25.25	25.21
20	QPSK	1	99	25.12	25.34	25.33	25.25	25.33	25.12
20	QPSK	50	0	24.40	24.46	24.47	24.42	24.43	24.40
20	QPSK	50	24	24.12	24.28	24.23	24.22	24.21	24.12
20	QPSK	50	50	24.10	24.26	24.19	24.15	24.17	24.10
20	QPSK	100	0	24.14	24.22	24.20	24.26	24.29	24.14
20	16QAM	1	0	24.24	24.35	24.39	24.27	24.32	24.24
20	16QAM	1	49	24.16	24.26	24.35	24.23	24.30	24.16
20	16QAM	1	99	24.05	24.24	24.28	24.15	24.24	24.05
20	16QAM	50	0	23.20	23.28	23.30	23.26	23.18	23.20
20	16QAM	50	24	23.07	23.16	23.27	23.21	23.24	23.07
20	16QAM	50	50	23.13	23.18	23.16	23.13	23.09	23.13
20	16QAM	100	0	23.12	23.13	23.21	23.22	23.19	23.12
20	64QAM	1	0	23.22	23.37	23.40	23.28	23.36	23.22
20	64QAM	1	49	23.20	23.12	23.34	23.22	23.17	23.20
20	64QAM	1	99	23.17	23.25	23.27	23.11	23.19	23.17
20	64QAM	50	0	22.17	22.29	22.31	22.23	22.28	22.17
20	64QAM	50	24	22.21	22.28	22.21	22.26	22.06	22.21
20	64QAM	50	50	22.08	22.17	22.24	22.19	22.04	22.08
20	64QAM	100	0	22.05	22.18	22.19	22.07	22.15	22.05

LTE Band 41 (Power Class2)				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	25.20	25.36	25.38	25.31	25.33	25.20
15	QPSK	1	37	25.15	25.23	25.25	25.14	25.19	25.15
15	QPSK	1	74	25.06	25.28	25.27	25.19	25.27	25.06
15	QPSK	36	0	24.12	24.25	24.26	24.21	24.22	24.12
15	QPSK	36	20	24.06	24.22	24.17	24.16	24.15	24.06
15	QPSK	36	39	24.04	24.20	24.13	24.09	24.11	24.04
15	QPSK	75	0	24.08	24.16	24.14	24.20	24.23	24.08
15	16QAM	1	0	24.18	24.29	24.33	24.21	24.26	24.18
15	16QAM	1	37	24.10	24.20	24.29	24.17	24.24	24.10
15	16QAM	1	74	24.02	24.18	24.22	24.09	24.18	24.02
15	16QAM	36	0	23.14	23.22	23.24	23.20	23.12	23.14
15	16QAM	36	20	23.01	23.10	23.21	23.15	23.18	23.01
15	16QAM	36	39	23.07	23.12	23.10	23.07	23.03	23.07
15	16QAM	75	0	23.06	23.07	23.15	23.16	23.13	23.06
15	64QAM	1	0	23.16	23.31	23.34	23.22	23.30	23.16
15	64QAM	1	37	23.14	23.06	23.28	23.16	23.11	23.14
15	64QAM	1	74	23.11	23.19	23.21	23.05	23.13	23.11
15	64QAM	36	0	22.11	22.23	22.25	22.17	22.22	22.11
15	64QAM	36	20	22.15	22.22	22.15	22.20	22.00	22.15
15	64QAM	36	39	22.02	22.11	22.18	22.13	22.06	22.02
15	64QAM	75	0	22.03	22.12	22.13	22.01	22.09	22.03

LTE Band 41 (Power Class2)				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	25.17	25.33	25.35	25.28	25.30	25.17
10	QPSK	1	25	25.12	25.20	25.22	25.11	25.16	25.12
10	QPSK	1	49	25.03	25.25	25.24	25.16	25.24	25.03
10	QPSK	25	0	24.09	24.22	24.23	24.18	24.19	24.09
10	QPSK	25	12	24.03	24.19	24.14	24.13	24.12	24.03
10	QPSK	25	25	24.01	24.17	24.10	24.06	24.08	24.01
10	QPSK	50	0	24.05	24.13	24.11	24.17	24.20	24.05
10	16QAM	1	0	24.15	24.26	24.30	24.18	24.23	24.15
10	16QAM	1	25	24.07	24.17	24.26	24.14	24.21	24.07
10	16QAM	1	49	24.05	24.15	24.19	24.06	24.15	24.05
10	16QAM	25	0	23.11	23.19	23.21	23.17	23.09	23.11
10	16QAM	25	12	23.06	23.07	23.18	23.12	23.15	23.06
10	16QAM	25	25	23.04	23.09	23.07	23.04	23.00	23.04
10	16QAM	50	0	23.03	23.04	23.12	23.13	23.10	23.03
10	64QAM	1	0	23.13	23.28	23.31	23.19	23.27	23.13
10	64QAM	1	25	23.11	23.03	23.25	23.13	23.08	23.11
10	64QAM	1	49	23.08	23.16	23.18	23.02	23.10	23.08
10	64QAM	25	0	22.08	22.20	22.22	22.14	22.19	22.08
10	64QAM	25	12	22.12	22.19	22.12	22.17	22.05	22.12
10	64QAM	25	25	22.09	22.08	22.15	22.10	22.03	22.09
10	64QAM	50	0	22.06	22.09	22.10	22.08	22.06	22.06

LTE Band 41 (Power Class2)				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	25.13	25.29	25.31	25.24	25.26	25.13
5	QPSK	1	12	25.08	25.16	25.18	25.07	25.12	25.08
5	QPSK	1	24	25.03	25.21	25.20	25.12	25.20	25.03
5	QPSK	12	0	24.05	24.18	24.19	24.14	24.15	24.05
5	QPSK	12	7	25.01	24.15	24.10	24.09	24.08	25.01
5	QPSK	12	13	24.09	24.13	24.06	24.02	24.04	24.09
5	QPSK	25	0	24.01	24.09	24.07	24.13	24.16	24.01
5	16QAM	1	0	24.11	24.22	24.26	24.14	24.19	24.11
5	16QAM	1	12	24.03	24.13	24.22	24.10	24.17	24.03
5	16QAM	1	24	24.03	24.11	24.15	24.02	24.11	24.03
5	16QAM	12	0	23.07	23.15	23.17	23.13	23.05	23.07
5	16QAM	12	7	23.05	23.03	23.14	23.08	23.11	23.05
5	16QAM	12	13	23.00	23.05	23.03	23.00	23.06	23.00
5	16QAM	25	0	23.01	23.00	23.08	23.09	23.06	23.01
5	64QAM	1	0	23.09	23.24	23.27	23.15	23.23	23.09
5	64QAM	1	12	23.07	23.01	23.21	23.09	23.04	23.07
5	64QAM	1	24	23.04	23.12	23.14	23.06	23.06	23.04
5	64QAM	12	0	22.04	22.16	22.18	22.10	22.15	22.04
5	64QAM	12	7	22.08	22.15	22.08	22.13	22.00	22.08
5	64QAM	12	13	22.05	22.04	22.11	22.06	22.04	22.05
5	64QAM	25	0	22.02	22.05	22.06	22.01	22.02	22.02

LTE Band 41 (Power Class3)				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	25.48	0.353	25.52	0.356	25.47	0.352
20	QPSK	1	49	25.29	0.338	25.39	0.346	25.33	0.341
20	QPSK	1	99	25.20	0.331	25.41	0.348	25.41	0.348
20	QPSK	50	0	24.48	0.281	24.55	0.285	24.51	0.282
20	QPSK	50	24	24.20	0.263	24.31	0.270	24.29	0.269
20	QPSK	50	50	24.18	0.262	24.27	0.267	24.25	0.266
20	QPSK	100	0	24.22	0.264	24.28	0.268	24.37	0.274
20	16QAM	1	0	24.32	0.270	24.47	0.280	24.40	0.275
20	16QAM	1	49	24.24	0.265	24.43	0.277	24.38	0.274
20	16QAM	1	99	24.13	0.259	24.36	0.273	24.32	0.270
20	16QAM	50	0	23.28	0.213	23.38	0.218	23.26	0.212
20	16QAM	50	24	23.15	0.207	23.35	0.216	23.32	0.215
20	16QAM	50	50	23.21	0.209	23.24	0.211	23.17	0.207
20	16QAM	100	0	23.20	0.209	23.29	0.213	23.27	0.212
20	64QAM	1	0	23.30	0.214	23.48	0.223	23.44	0.221
20	64QAM	1	49	23.28	0.213	23.42	0.220	23.25	0.211
20	64QAM	1	99	23.25	0.211	23.35	0.216	23.27	0.212
20	64QAM	50	0	22.25	0.168	22.39	0.173	22.36	0.172
20	64QAM	50	24	22.29	0.169	22.29	0.169	22.14	0.164
20	64QAM	50	50	22.16	0.164	22.32	0.171	22.12	0.163
20	64QAM	100	0	22.13	0.163	22.27	0.169	22.23	0.167

LTE Band 41 (Power Class3)				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	25.28	0.337	25.46	0.352	25.41	0.348
15	QPSK	1	37	25.23	0.333	25.33	0.341	25.27	0.337
15	QPSK	1	74	25.14	0.327	25.35	0.343	25.35	0.343
15	QPSK	36	0	24.20	0.263	24.34	0.272	24.30	0.269
15	QPSK	36	20	24.14	0.259	24.25	0.266	24.23	0.265
15	QPSK	36	39	24.12	0.258	24.21	0.264	24.19	0.262
15	QPSK	75	0	24.16	0.261	24.22	0.264	24.31	0.270
15	16QAM	1	0	24.26	0.267	24.41	0.276	24.34	0.272
15	16QAM	1	37	24.18	0.262	24.37	0.274	24.32	0.270
15	16QAM	1	74	24.10	0.257	24.30	0.269	24.26	0.267
15	16QAM	36	0	23.22	0.210	23.32	0.215	23.20	0.209
15	16QAM	36	20	23.09	0.204	23.29	0.213	23.26	0.212
15	16QAM	36	39	23.15	0.207	23.18	0.208	23.11	0.205
15	16QAM	75	0	23.14	0.206	23.23	0.210	23.21	0.209
15	64QAM	1	0	23.24	0.211	23.42	0.220	23.38	0.218
15	64QAM	1	37	23.22	0.210	23.36	0.217	23.19	0.208
15	64QAM	1	74	23.19	0.208	23.29	0.213	23.21	0.209
15	64QAM	36	0	22.19	0.166	22.33	0.171	22.30	0.170
15	64QAM	36	20	22.23	0.167	22.23	0.167	22.08	0.161
15	64QAM	36	39	22.10	0.162	22.26	0.168	22.14	0.164
15	64QAM	75	0	22.11	0.163	22.21	0.166	22.17	0.165

LTE Band 41 (Power Class3)				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	25.25	0.335	25.43	0.349	25.38	0.345
10	QPSK	1	25	25.20	0.331	25.30	0.339	25.24	0.334
10	QPSK	1	49	25.11	0.324	25.32	0.340	25.32	0.340
10	QPSK	25	0	24.17	0.261	24.31	0.270	24.27	0.267
10	QPSK	25	12	24.11	0.258	24.22	0.264	24.20	0.263
10	QPSK	25	25	24.09	0.256	24.18	0.262	24.16	0.261
10	QPSK	50	0	24.13	0.259	24.19	0.262	24.28	0.268
10	16QAM	1	0	24.23	0.265	24.38	0.274	24.31	0.270
10	16QAM	1	25	24.15	0.260	24.34	0.272	24.29	0.269
10	16QAM	1	49	24.13	0.259	24.27	0.267	24.23	0.265
10	16QAM	25	0	23.19	0.208	23.29	0.213	23.17	0.207
10	16QAM	25	12	23.14	0.206	23.26	0.212	23.23	0.210
10	16QAM	25	25	23.12	0.205	23.15	0.207	23.08	0.203
10	16QAM	50	0	23.11	0.205	23.20	0.209	23.18	0.208
10	64QAM	1	0	23.21	0.209	23.39	0.218	23.35	0.216
10	64QAM	1	25	23.19	0.208	23.33	0.215	23.16	0.207
10	64QAM	1	49	23.16	0.207	23.26	0.212	23.18	0.208
10	64QAM	25	0	22.16	0.164	22.30	0.170	22.27	0.169
10	64QAM	25	12	22.20	0.166	22.20	0.166	22.13	0.163
10	64QAM	25	25	22.17	0.165	22.23	0.167	22.11	0.163
10	64QAM	50	0	22.14	0.164	22.18	0.165	22.14	0.164

LTE Band 41 (Power Class3)				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	25.21	0.332	25.39	0.346	25.34	0.342
5	QPSK	1	12	25.16	0.328	25.26	0.336	25.20	0.331
5	QPSK	1	24	25.11	0.324	25.28	0.337	25.28	0.337
5	QPSK	12	0	24.13	0.259	24.27	0.267	24.23	0.265
5	QPSK	12	7	25.09	0.323	24.18	0.262	24.16	0.261
5	QPSK	12	13	24.17	0.261	24.14	0.259	24.12	0.258
5	QPSK	25	0	24.09	0.256	24.15	0.260	24.24	0.265
5	16QAM	1	0	24.19	0.262	24.34	0.272	24.27	0.267
5	16QAM	1	12	24.11	0.258	24.30	0.269	24.25	0.266
5	16QAM	1	24	24.11	0.258	24.23	0.265	24.19	0.262
5	16QAM	12	0	23.15	0.207	23.25	0.211	23.13	0.206
5	16QAM	12	7	23.13	0.206	23.22	0.210	23.19	0.208
5	16QAM	12	13	23.08	0.203	23.11	0.205	23.14	0.206
5	16QAM	25	0	23.09	0.204	23.16	0.207	23.14	0.206
5	64QAM	1	0	23.17	0.207	23.35	0.216	23.31	0.214
5	64QAM	1	12	23.15	0.207	23.29	0.213	23.12	0.205
5	64QAM	1	24	23.12	0.205	23.22	0.210	23.14	0.206
5	64QAM	12	0	22.12	0.163	22.26	0.168	22.23	0.167
5	64QAM	12	7	22.16	0.164	22.16	0.164	22.08	0.161
5	64QAM	12	13	22.13	0.163	22.19	0.166	22.12	0.163
5	64QAM	25	0	22.10	0.162	22.14	0.164	22.10	0.162

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	22.21	0.166	22.25	0.168	22.16	0.164
20	QPSK	1	49	22.16	0.164	22.22	0.167	22.12	0.163
20	QPSK	1	99	22.09	0.162	22.08	0.161	22.03	0.160
20	QPSK	50	0	21.03	0.127	21.10	0.129	20.97	0.125
20	QPSK	50	24	20.97	0.125	21.03	0.127	20.88	0.122
20	QPSK	50	50	20.93	0.124	20.98	0.125	20.94	0.124
20	QPSK	100	0	20.91	0.123	20.94	0.124	20.96	0.125
20	16QAM	1	0	20.93	0.124	21.15	0.130	20.98	0.125
20	16QAM	1	49	21.06	0.128	20.91	0.123	20.96	0.125
20	16QAM	1	99	20.97	0.125	21.00	0.126	21.03	0.127
20	16QAM	50	0	20.00	0.100	20.13	0.103	20.04	0.101
20	16QAM	50	24	19.85	0.097	20.11	0.103	19.91	0.098
20	16QAM	50	50	19.90	0.098	19.94	0.099	19.94	0.099
20	16QAM	100	0	19.86	0.097	20.02	0.100	20.03	0.101
20	64QAM	1	0	19.96	0.099	20.08	0.102	20.03	0.101
20	64QAM	1	49	19.92	0.098	19.94	0.099	20.05	0.101
20	64QAM	1	99	20.01	0.100	20.00	0.100	19.97	0.099
20	64QAM	50	0	19.00	0.079	19.13	0.082	18.96	0.079
20	64QAM	50	24	18.93	0.078	19.05	0.080	18.97	0.079
20	64QAM	50	50	18.90	0.078	19.06	0.081	18.88	0.077
20	64QAM	100	0	18.86	0.077	18.91	0.078	18.87	0.077

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	22.15	0.164	22.19	0.166	22.10	0.162
15	QPSK	1	37	22.10	0.162	22.16	0.164	22.06	0.161
15	QPSK	1	74	22.03	0.160	22.02	0.159	21.97	0.157
15	QPSK	36	0	20.97	0.125	21.04	0.127	20.91	0.123
15	QPSK	36	20	20.91	0.123	20.97	0.125	20.82	0.121
15	QPSK	36	39	20.87	0.122	20.92	0.124	20.88	0.122
15	QPSK	75	0	20.85	0.122	20.88	0.122	20.90	0.123
15	16QAM	1	0	20.87	0.122	21.09	0.129	20.92	0.124
15	16QAM	1	37	21.00	0.126	20.85	0.122	20.90	0.123
15	16QAM	1	74	20.91	0.123	20.94	0.124	20.97	0.125
15	16QAM	36	0	19.94	0.099	20.07	0.102	19.98	0.100
15	16QAM	36	20	19.79	0.095	20.05	0.101	19.85	0.097
15	16QAM	36	39	19.84	0.096	19.88	0.097	19.88	0.097
15	16QAM	75	0	19.80	0.095	19.96	0.099	19.97	0.099
15	64QAM	1	0	19.90	0.098	20.02	0.100	19.97	0.099
15	64QAM	1	37	19.86	0.097	19.88	0.097	19.99	0.100
15	64QAM	1	74	19.95	0.099	19.94	0.099	19.91	0.098
15	64QAM	36	0	18.94	0.078	19.07	0.081	18.90	0.078
15	64QAM	36	20	18.87	0.077	18.99	0.079	18.91	0.078
15	64QAM	36	39	18.84	0.077	19.00	0.079	18.82	0.076
15	64QAM	75	0	18.80	0.076	18.85	0.077	18.81	0.076

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	22.10	0.162	22.14	0.164	22.05	0.160
10	QPSK	1	25	22.05	0.160	22.11	0.163	22.01	0.159
10	QPSK	1	49	21.98	0.158	21.97	0.157	21.92	0.156
10	QPSK	25	0	20.92	0.124	20.99	0.126	20.86	0.122
10	QPSK	25	12	20.86	0.122	20.92	0.124	20.77	0.119
10	QPSK	25	25	20.82	0.121	20.87	0.122	20.83	0.121
10	QPSK	50	0	20.80	0.120	20.83	0.121	20.85	0.122
10	16QAM	1	0	20.82	0.121	21.04	0.127	20.87	0.122
10	16QAM	1	25	20.95	0.124	20.80	0.120	20.85	0.122
10	16QAM	1	49	20.86	0.122	20.89	0.123	20.92	0.124
10	16QAM	25	0	19.89	0.097	20.02	0.100	19.93	0.098
10	16QAM	25	12	19.74	0.094	20.00	0.100	19.80	0.095
10	16QAM	25	25	19.79	0.095	19.83	0.096	19.83	0.096
10	16QAM	50	0	19.75	0.094	19.91	0.098	19.92	0.098
10	64QAM	1	0	19.85	0.097	19.97	0.099	19.92	0.098
10	64QAM	1	25	19.81	0.096	19.83	0.096	19.94	0.099
10	64QAM	1	49	19.90	0.098	19.89	0.097	19.86	0.097
10	64QAM	25	0	18.89	0.077	19.02	0.080	18.85	0.077
10	64QAM	25	12	18.82	0.076	18.94	0.078	18.86	0.077
10	64QAM	25	25	18.79	0.076	18.95	0.079	18.77	0.075
10	64QAM	50	0	18.75	0.075	18.80	0.076	18.76	0.075

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	22.07	0.161	22.11	0.163	22.02	0.159
5	QPSK	1	12	22.02	0.159	22.08	0.161	21.98	0.158
5	QPSK	1	24	21.95	0.157	21.94	0.156	21.89	0.155
5	QPSK	12	0	20.89	0.123	20.96	0.125	20.83	0.121
5	QPSK	12	7	20.83	0.121	20.89	0.123	20.74	0.119
5	QPSK	12	13	20.79	0.120	20.84	0.121	20.80	0.120
5	QPSK	25	0	20.77	0.119	20.80	0.120	20.82	0.121
5	16QAM	1	0	20.79	0.120	21.01	0.126	20.84	0.121
5	16QAM	1	12	20.92	0.124	20.77	0.119	20.82	0.121
5	16QAM	1	24	20.83	0.121	20.86	0.122	20.89	0.123
5	16QAM	12	0	19.86	0.097	19.99	0.100	19.90	0.098
5	16QAM	12	7	19.71	0.094	19.97	0.099	19.77	0.095
5	16QAM	12	13	19.76	0.095	19.80	0.095	19.80	0.095
5	16QAM	25	0	19.72	0.094	19.88	0.097	19.89	0.097
5	64QAM	1	0	19.82	0.096	19.94	0.099	19.89	0.097
5	64QAM	1	12	19.78	0.095	19.80	0.095	19.91	0.098
5	64QAM	1	24	19.87	0.097	19.86	0.097	19.83	0.096
5	64QAM	12	0	18.86	0.077	18.99	0.079	18.82	0.076
5	64QAM	12	7	18.79	0.076	18.91	0.078	18.83	0.076
5	64QAM	12	13	18.76	0.075	18.92	0.078	18.74	0.075
5	64QAM	25	0	18.72	0.074	18.77	0.075	18.73	0.075

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	22.01	0.159	22.05	0.160	21.96	0.157
3	QPSK	1	8	21.96	0.157	22.02	0.159	21.92	0.156
3	QPSK	1	14	21.89	0.155	21.88	0.154	21.83	0.152
3	QPSK	8	0	20.83	0.121	20.90	0.123	20.77	0.119
3	QPSK	8	4	20.77	0.119	20.83	0.121	20.68	0.117
3	QPSK	8	7	20.73	0.118	20.78	0.120	20.74	0.119
3	QPSK	15	0	20.71	0.118	20.74	0.119	20.76	0.119
3	16QAM	1	0	20.73	0.118	20.95	0.124	20.78	0.120
3	16QAM	1	8	20.86	0.122	20.71	0.118	20.76	0.119
3	16QAM	1	14	20.77	0.119	20.80	0.120	20.83	0.121
3	16QAM	8	0	19.80	0.095	19.93	0.098	19.84	0.096
3	16QAM	8	4	19.65	0.092	19.91	0.098	19.71	0.094
3	16QAM	8	7	19.70	0.093	19.74	0.094	19.74	0.094
3	16QAM	15	0	19.66	0.092	19.82	0.096	19.83	0.096
3	64QAM	1	0	19.76	0.095	19.88	0.097	19.83	0.096
3	64QAM	1	8	19.72	0.094	19.74	0.094	19.85	0.097
3	64QAM	1	14	19.81	0.096	19.80	0.095	19.77	0.095
3	64QAM	8	0	18.80	0.076	18.93	0.078	18.76	0.075
3	64QAM	8	4	18.73	0.075	18.85	0.077	18.77	0.075
3	64QAM	8	7	18.70	0.074	18.86	0.077	18.68	0.074
3	64QAM	15	0	18.66	0.073	18.71	0.074	18.67	0.074

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.97	0.157	22.01	0.159	21.92	0.156
1.4	QPSK	1	3	21.92	0.156	21.98	0.158	21.88	0.154
1.4	QPSK	1	5	21.85	0.153	21.84	0.153	21.79	0.151
1.4	QPSK	3	0	20.79	0.120	20.86	0.122	20.73	0.118
1.4	QPSK	3	1	20.73	0.118	20.79	0.120	20.64	0.116
1.4	QPSK	3	3	20.69	0.117	20.74	0.119	20.70	0.117
1.4	QPSK	6	0	20.67	0.117	20.70	0.117	20.72	0.118
1.4	16QAM	1	0	20.69	0.117	20.91	0.123	20.74	0.119
1.4	16QAM	1	3	20.82	0.121	20.67	0.117	20.72	0.118
1.4	16QAM	1	5	20.73	0.118	20.76	0.119	20.79	0.120
1.4	16QAM	3	0	19.76	0.095	19.89	0.097	19.80	0.095
1.4	16QAM	3	1	19.61	0.091	19.87	0.097	19.67	0.093
1.4	16QAM	3	3	19.66	0.092	19.70	0.093	19.70	0.093
1.4	16QAM	6	0	19.62	0.092	19.78	0.095	19.79	0.095
1.4	64QAM	1	0	19.72	0.094	19.84	0.096	19.79	0.095
1.4	64QAM	1	3	19.68	0.093	19.70	0.093	19.81	0.096
1.4	64QAM	1	5	19.77	0.095	19.76	0.095	19.73	0.094
1.4	64QAM	3	0	18.76	0.075	18.89	0.077	18.72	0.074
1.4	64QAM	3	1	18.69	0.074	18.81	0.076	18.73	0.075
1.4	64QAM	3	3	18.66	0.073	18.82	0.076	18.64	0.073
1.4	64QAM	6	0	18.62	0.073	18.67	0.074	18.63	0.073

LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	18.58	0.072	18.64	0.073	18.55	0.072
20	QPSK	1	49	18.47	0.070	18.59	0.072	18.51	0.071
20	QPSK	1	99	18.53	0.071	18.60	0.072	18.46	0.070
20	QPSK	50	0	17.49	0.056	17.58	0.057	17.51	0.056
20	QPSK	50	24	17.45	0.056	17.51	0.056	17.50	0.056
20	QPSK	50	50	17.50	0.056	17.48	0.056	17.42	0.055
20	QPSK	100	0	17.42	0.055	17.46	0.056	17.45	0.056
20	16QAM	1	0	17.59	0.057	17.60	0.058	17.54	0.057
20	16QAM	1	49	17.44	0.055	17.55	0.057	17.43	0.055
20	16QAM	1	99	17.37	0.055	17.51	0.056	17.46	0.056
20	16QAM	50	0	16.43	0.044	16.55	0.045	16.49	0.045
20	16QAM	50	24	16.39	0.044	16.51	0.045	16.42	0.044
20	16QAM	50	50	16.35	0.043	16.43	0.044	16.47	0.044
20	16QAM	100	0	16.41	0.044	16.40	0.044	16.39	0.044
20	64QAM	1	0	16.51	0.045	16.66	0.046	16.57	0.045
20	64QAM	1	49	16.46	0.044	16.48	0.044	16.48	0.044
20	64QAM	1	99	16.38	0.043	16.52	0.045	16.44	0.044
20	64QAM	50	0	15.42	0.035	15.53	0.036	15.40	0.035
20	64QAM	50	24	15.46	0.035	15.47	0.035	15.36	0.034
20	64QAM	50	50	15.38	0.035	15.45	0.035	15.37	0.034
20	64QAM	100	0	15.39	0.035	15.44	0.035	15.31	0.034

LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.53	0.071	18.59	0.072	18.50	0.071
15	QPSK	1	37	18.42	0.070	18.54	0.071	18.46	0.070
15	QPSK	1	74	18.48	0.070	18.55	0.072	18.41	0.069
15	QPSK	36	0	17.44	0.055	17.53	0.057	17.46	0.056
15	QPSK	36	20	17.40	0.055	17.46	0.056	17.50	0.056
15	QPSK	36	39	17.45	0.056	17.43	0.055	17.37	0.055
15	QPSK	75	0	17.37	0.055	17.41	0.055	17.40	0.055
15	16QAM	1	0	17.54	0.057	17.55	0.057	17.49	0.056
15	16QAM	1	37	17.39	0.055	17.50	0.056	17.38	0.055
15	16QAM	1	74	17.32	0.054	17.46	0.056	17.41	0.055
15	16QAM	36	0	16.38	0.043	16.50	0.045	16.44	0.044
15	16QAM	36	20	16.34	0.043	16.46	0.044	16.37	0.043
15	16QAM	36	39	16.30	0.043	16.38	0.043	16.42	0.044
15	16QAM	75	0	16.36	0.043	16.35	0.043	16.34	0.043
15	64QAM	1	0	16.46	0.044	16.61	0.046	16.52	0.045
15	64QAM	1	37	16.41	0.044	16.43	0.044	16.43	0.044
15	64QAM	1	74	16.33	0.043	16.47	0.044	16.39	0.044
15	64QAM	36	0	15.37	0.034	15.48	0.035	15.35	0.034
15	64QAM	36	20	15.41	0.035	15.42	0.035	15.31	0.034
15	64QAM	36	39	15.33	0.034	15.40	0.035	15.32	0.034
15	64QAM	75	0	15.34	0.034	15.39	0.035	15.26	0.034

LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.47	0.070	18.53	0.071	18.44	0.070
10	QPSK	1	25	18.36	0.069	18.48	0.070	18.40	0.069
10	QPSK	1	49	18.42	0.070	18.49	0.071	18.35	0.068
10	QPSK	25	0	17.38	0.055	17.47	0.056	17.40	0.055
10	QPSK	25	12	17.34	0.054	17.40	0.055	17.44	0.055
10	QPSK	25	25	17.39	0.055	17.37	0.055	17.31	0.054
10	QPSK	50	0	17.31	0.054	17.35	0.054	17.34	0.054
10	16QAM	1	0	17.48	0.056	17.49	0.056	17.43	0.055
10	16QAM	1	25	17.33	0.054	17.44	0.055	17.32	0.054
10	16QAM	1	49	17.26	0.053	17.40	0.055	17.35	0.054
10	16QAM	25	0	16.32	0.043	16.44	0.044	16.38	0.043
10	16QAM	25	12	16.28	0.042	16.40	0.044	16.31	0.043
10	16QAM	25	25	16.24	0.042	16.32	0.043	16.36	0.043
10	16QAM	50	0	16.30	0.043	16.29	0.043	16.28	0.042
10	64QAM	1	0	16.40	0.044	16.55	0.045	16.46	0.044
10	64QAM	1	25	16.35	0.043	16.37	0.043	16.37	0.043
10	64QAM	1	49	16.27	0.042	16.41	0.044	16.33	0.043
10	64QAM	25	0	15.31	0.034	15.42	0.035	15.29	0.034
10	64QAM	25	12	15.35	0.034	15.36	0.034	15.25	0.033
10	64QAM	25	25	15.27	0.034	15.34	0.034	15.26	0.034
10	64QAM	50	0	15.28	0.034	15.33	0.034	15.20	0.033

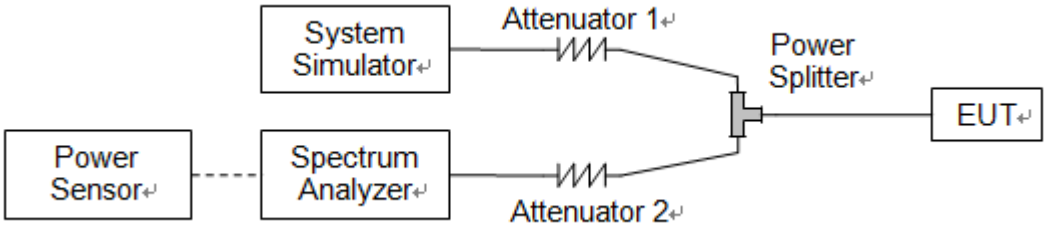
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.44	0.070	18.50	0.071	18.41	0.069
5	QPSK	1	12	18.33	0.068	18.45	0.070	18.37	0.069
5	QPSK	1	24	18.39	0.069	18.46	0.070	18.32	0.068
5	QPSK	12	0	17.35	0.054	17.44	0.055	17.37	0.055
5	QPSK	12	7	17.31	0.054	17.37	0.055	17.41	0.055
5	QPSK	12	13	17.36	0.054	17.34	0.054	17.28	0.053
5	QPSK	25	0	17.28	0.053	17.32	0.054	17.31	0.054
5	16QAM	1	0	17.45	0.056	17.46	0.056	17.40	0.055
5	16QAM	1	12	17.30	0.054	17.41	0.055	17.29	0.054
5	16QAM	1	24	17.23	0.053	17.37	0.055	17.32	0.054
5	16QAM	12	0	16.29	0.043	16.41	0.044	16.35	0.043
5	16QAM	12	7	16.25	0.042	16.37	0.043	16.28	0.042
5	16QAM	12	13	16.21	0.042	16.29	0.043	16.33	0.043
5	16QAM	25	0	16.27	0.042	16.26	0.042	16.25	0.042
5	64QAM	1	0	16.37	0.043	16.52	0.045	16.43	0.044
5	64QAM	1	12	16.32	0.043	16.34	0.043	16.34	0.043
5	64QAM	1	24	16.24	0.042	16.38	0.043	16.30	0.043
5	64QAM	12	0	15.28	0.034	15.39	0.035	15.26	0.034
5	64QAM	12	7	15.32	0.034	15.33	0.034	15.22	0.033
5	64QAM	12	13	15.24	0.033	15.31	0.034	15.23	0.033
5	64QAM	25	0	15.25	0.033	15.30	0.034	15.17	0.033

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	1.0904	1.2859	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0986	1.3012	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0982	1.2974	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0963	1.2572	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0990	1.3014	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0980	1.2971	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0954	1.2663	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0986	1.3006	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1006	1.3014	PASS
B2	3	Low	18615	1851.5	QPSK	2.7021	2.9432	PASS
B2	3	Low	18615	1851.5	16QAM	2.6989	2.9567	PASS
B2	3	Low	18615	1851.5	64QAM	2.7051	2.9392	PASS
B2	3	Mid	18900	1880	QPSK	2.7001	2.9563	PASS
B2	3	Mid	18900	1880	16QAM	2.6944	2.9645	PASS
B2	3	Mid	18900	1880	64QAM	2.7031	2.9409	PASS
B2	3	High	19185	1908.5	QPSK	2.6992	2.9404	PASS
B2	3	High	19185	1908.5	16QAM	2.6954	2.9510	PASS
B2	3	High	19185	1908.5	64QAM	2.7039	2.9478	PASS
B2	5	Low	18625	1852.5	QPSK	4.4709	4.8820	PASS
B2	5	Low	18625	1852.5	16QAM	4.4769	4.8833	PASS
B2	5	Low	18625	1852.5	64QAM	4.4761	4.8714	PASS
B2	5	Mid	18900	1880	QPSK	4.4765	4.8914	PASS
B2	5	Mid	18900	1880	16QAM	4.4797	4.8773	PASS
B2	5	Mid	18900	1880	64QAM	4.4723	4.8458	PASS
B2	5	High	19175	1907.5	QPSK	4.4766	4.8892	PASS
B2	5	High	19175	1907.5	16QAM	4.4716	4.8970	PASS
B2	5	High	19175	1907.5	64QAM	4.4828	4.8680	PASS
B2	10	Low	18650	1855	QPSK	8.9555	9.6080	PASS
B2	10	Low	18650	1855	16QAM	8.9374	9.6162	PASS
B2	10	Low	18650	1855	64QAM	8.9508	9.6566	PASS
B2	10	Mid	18900	1880	QPSK	8.9559	9.5866	PASS
B2	10	Mid	18900	1880	16QAM	8.9334	9.5805	PASS
B2	10	Mid	18900	1880	64QAM	8.9361	9.6373	PASS

B2	10	High	19150	1905	QPSK	8.9555	9.6066	PASS
B2	10	High	19150	1905	16QAM	8.9415	9.6094	PASS
B2	10	High	19150	1905	64QAM	8.9428	9.6480	PASS
B2	15	Low	18675	1857.5	QPSK	13.413	14.396	PASS
B2	15	Low	18675	1857.5	16QAM	13.400	14.444	PASS
B2	15	Low	18675	1857.5	64QAM	13.406	14.413	PASS
B2	15	Mid	18900	1880	QPSK	13.443	14.410	PASS
B2	15	Mid	18900	1880	16QAM	13.414	14.479	PASS
B2	15	Mid	18900	1880	64QAM	13.378	14.432	PASS
B2	15	High	19125	1902.5	QPSK	13.439	14.328	PASS
B2	15	High	19125	1902.5	16QAM	13.415	14.458	PASS
B2	15	High	19125	1902.5	64QAM	13.398	14.360	PASS
B2	20	Low	18700	1860	QPSK	17.840	19.016	PASS
B2	20	Low	18700	1860	16QAM	17.851	19.061	PASS
B2	20	Low	18700	1860	64QAM	17.836	18.895	PASS
B2	20	Mid	18900	1880	QPSK	17.874	19.018	PASS
B2	20	Mid	18900	1880	16QAM	17.914	19.103	PASS
B2	20	Mid	18900	1880	64QAM	17.896	19.036	PASS
B2	20	High	19100	1900	QPSK	17.874	19.006	PASS
B2	20	High	19100	1900	16QAM	17.900	19.059	PASS
B2	20	High	19100	1900	64QAM	17.891	19.097	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.0944	1.2789	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0984	1.2876	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0986	1.3065	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0935	1.2872	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0974	1.2952	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1006	1.3151	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0944	1.2653	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1013	1.2917	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1000	1.3043	PASS
B4	3	Low	19965	1711.5	QPSK	2.6983	2.9519	PASS
B4	3	Low	19965	1711.5	16QAM	2.7028	2.9416	PASS
B4	3	Low	19965	1711.5	64QAM	2.6980	2.9520	PASS
B4	3	Mid	20175	1732.5	QPSK	2.6979	2.9663	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7004	2.9605	PASS
B4	3	Mid	20175	1732.5	64QAM	2.6982	2.9572	PASS
B4	3	High	20385	1753.5	QPSK	2.6976	2.9568	PASS
B4	3	High	20385	1753.5	16QAM	2.6995	2.9504	PASS
B4	3	High	20385	1753.5	64QAM	2.7010	2.9373	PASS
B4	5	Low	19975	1712.5	QPSK	4.4749	4.8651	PASS
B4	5	Low	19975	1712.5	16QAM	4.4784	4.8871	PASS
B4	5	Low	19975	1712.5	64QAM	4.4840	4.9055	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4714	4.8644	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4742	4.8707	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4887	4.8499	PASS
B4	5	High	20375	1752.5	QPSK	4.4739	4.8523	PASS
B4	5	High	20375	1752.5	16QAM	4.4772	4.8399	PASS
B4	5	High	20375	1752.5	64QAM	4.4827	4.8490	PASS
B4	10	Low	20000	1715	QPSK	8.9482	9.5896	PASS
B4	10	Low	20000	1715	16QAM	8.9309	9.5641	PASS
B4	10	Low	20000	1715	64QAM	8.9379	9.6056	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9402	9.6169	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9218	9.5805	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9408	9.5678	PASS
B4	10	High	20350	1750	QPSK	8.9477	9.6641	PASS
B4	10	High	20350	1750	16QAM	8.9286	9.5544	PASS

B4	10	High	20350	1750	64QAM	8.9365	9.6075	PASS
B4	15	Low	20025	1717.5	QPSK	13.400	14.374	PASS
B4	15	Low	20025	1717.5	16QAM	13.404	14.431	PASS
B4	15	Low	20025	1717.5	64QAM	13.393	14.463	PASS
B4	15	Mid	20175	1732.5	QPSK	13.414	14.442	PASS
B4	15	Mid	20175	1732.5	16QAM	13.418	14.404	PASS
B4	15	Mid	20175	1732.5	64QAM	13.401	14.361	PASS
B4	15	High	20325	1747.5	QPSK	13.424	14.438	PASS
B4	15	High	20325	1747.5	16QAM	13.410	14.302	PASS
B4	15	High	20325	1747.5	64QAM	13.391	14.377	PASS
B4	20	Low	20050	1720	QPSK	17.863	19.057	PASS
B4	20	Low	20050	1720	16QAM	17.911	19.107	PASS
B4	20	Low	20050	1720	64QAM	17.894	19.106	PASS
B4	20	Mid	20175	1732.5	QPSK	17.877	18.929	PASS
B4	20	Mid	20175	1732.5	16QAM	17.917	19.035	PASS
B4	20	Mid	20175	1732.5	64QAM	17.896	19.201	PASS
B4	20	High	20300	1745	QPSK	17.874	19.046	PASS
B4	20	High	20300	1745	16QAM	17.875	19.049	PASS
B4	20	High	20300	1745	64QAM	17.899	19.118	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	1.0891	1.2794	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1006	1.2852	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0995	1.3036	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0957	1.2890	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0983	1.2951	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1014	1.2833	PASS
B5	1.4	High	20643	848.3	QPSK	1.0956	1.2641	PASS
B5	1.4	High	20643	848.3	16QAM	1.1007	1.3070	PASS
B5	1.4	High	20643	848.3	64QAM	1.1011	1.2980	PASS
B5	3	Low	20415	825.5	QPSK	2.6970	2.9434	PASS
B5	3	Low	20415	825.5	16QAM	2.6976	2.9638	PASS
B5	3	Low	20415	825.5	64QAM	2.7001	2.9498	PASS
B5	3	Mid	20525	836.5	QPSK	2.6979	2.9590	PASS
B5	3	Mid	20525	836.5	16QAM	2.6946	2.9544	PASS
B5	3	Mid	20525	836.5	64QAM	2.6980	2.9502	PASS
B5	3	High	20635	847.5	QPSK	2.6952	2.9480	PASS
B5	3	High	20635	847.5	16QAM	2.6976	2.9475	PASS
B5	3	High	20635	847.5	64QAM	2.6999	2.9423	PASS
B5	5	Low	20425	826.5	QPSK	4.4803	4.8762	PASS
B5	5	Low	20425	826.5	16QAM	4.4652	4.9112	PASS
B5	5	Low	20425	826.5	64QAM	4.4835	4.8479	PASS
B5	5	Mid	20525	836.5	QPSK	4.4645	4.8674	PASS
B5	5	Mid	20525	836.5	16QAM	4.4822	4.8838	PASS
B5	5	Mid	20525	836.5	64QAM	4.4725	4.8585	PASS
B5	5	High	20625	846.5	QPSK	4.4647	4.8678	PASS
B5	5	High	20625	846.5	16QAM	4.4747	4.8638	PASS
B5	5	High	20625	846.5	64QAM	4.4744	4.8635	PASS
B5	10	Low	20450	829	QPSK	8.9441	9.6454	PASS
B5	10	Low	20450	829	16QAM	8.9300	9.5736	PASS
B5	10	Low	20450	829	64QAM	8.9497	9.6651	PASS
B5	10	Mid	20525	836.5	QPSK	8.9378	9.5863	PASS
B5	10	Mid	20525	836.5	16QAM	8.9201	9.5287	PASS
B5	10	Mid	20525	836.5	64QAM	8.9378	9.5930	PASS
B5	10	High	20600	844	QPSK	8.9393	9.5941	PASS
B5	10	High	20600	844	16QAM	8.9151	9.5691	PASS

B5	10	High	20600	844	64QAM	8.9353	9.5753	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	4.4731	4.8408	PASS
B7	5	Low	20775	2502.5	16QAM	4.4682	4.9018	PASS
B7	5	Low	20775	2502.5	64QAM	4.4841	4.8485	PASS
B7	5	Mid	21100	2535	QPSK	4.4785	4.8513	PASS
B7	5	Mid	21100	2535	16QAM	4.4623	4.9073	PASS
B7	5	Mid	21100	2535	64QAM	4.4837	4.8900	PASS
B7	5	High	21425	2567.5	QPSK	4.4653	4.8754	PASS
B7	5	High	21425	2567.5	16QAM	4.4777	4.8359	PASS
B7	5	High	21425	2567.5	64QAM	4.4888	4.8645	PASS
B7	10	Low	20800	2505	QPSK	8.9580	9.5867	PASS
B7	10	Low	20800	2505	16QAM	8.9187	9.6188	PASS
B7	10	Low	20800	2505	64QAM	8.9463	9.5887	PASS
B7	10	Mid	21100	2535	QPSK	8.9465	9.6058	PASS
B7	10	Mid	21100	2535	16QAM	8.9356	9.5424	PASS
B7	10	Mid	21100	2535	64QAM	8.9318	9.6346	PASS
B7	10	High	21400	2565	QPSK	8.9658	9.6233	PASS
B7	10	High	21400	2565	16QAM	8.9413	9.5949	PASS
B7	10	High	21400	2565	64QAM	8.9386	9.5640	PASS
B7	15	Low	20825	2507.5	QPSK	13.385	14.425	PASS
B7	15	Low	20825	2507.5	16QAM	13.425	14.397	PASS
B7	15	Low	20825	2507.5	64QAM	13.379	14.421	PASS
B7	15	Mid	21100	2535	QPSK	13.448	14.376	PASS
B7	15	Mid	21100	2535	16QAM	13.415	14.477	PASS
B7	15	Mid	21100	2535	64QAM	13.396	14.382	PASS
B7	15	High	21375	2562.5	QPSK	13.456	14.423	PASS
B7	15	High	21375	2562.5	16QAM	13.422	14.394	PASS
B7	15	High	21375	2562.5	64QAM	13.413	14.500	PASS
B7	20	Low	20850	2510	QPSK	17.847	19.007	PASS
B7	20	Low	20850	2510	16QAM	17.872	19.079	PASS
B7	20	Low	20850	2510	64QAM	17.851	19.059	PASS
B7	20	Mid	21100	2535	QPSK	17.889	19.070	PASS
B7	20	Mid	21100	2535	16QAM	17.895	19.352	PASS
B7	20	Mid	21100	2535	64QAM	17.916	19.075	PASS

B7	20	High	21350	2560	QPSK	17.896	18.924	PASS
B7	20	High	21350	2560	16QAM	17.922	19.136	PASS
B7	20	High	21350	2560	64QAM	17.904	19.070	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	1.0992	1.2647	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1019	1.3035	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1003	1.2816	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0956	1.2733	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0983	1.2997	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1026	1.3054	PASS
B12	1.4	High	23173	715.3	QPSK	1.0966	1.2687	PASS
B12	1.4	High	23173	715.3	16QAM	1.1031	1.3019	PASS
B12	1.4	High	23173	715.3	64QAM	1.0997	1.3077	PASS
B12	3	Low	23025	700.5	QPSK	2.7015	2.9505	PASS
B12	3	Low	23025	700.5	16QAM	2.6962	2.9636	PASS
B12	3	Low	23025	700.5	64QAM	2.6981	2.9384	PASS
B12	3	Mid	23095	707.5	QPSK	2.6965	2.9440	PASS
B12	3	Mid	23095	707.5	16QAM	2.6916	2.9401	PASS
B12	3	Mid	23095	707.5	64QAM	2.6979	2.9480	PASS
B12	3	High	23165	714.5	QPSK	2.7005	2.9595	PASS
B12	3	High	23165	714.5	16QAM	2.6982	2.9511	PASS
B12	3	High	23165	714.5	64QAM	2.7025	2.9301	PASS
B12	5	Low	23035	701.5	QPSK	4.4736	4.8548	PASS
B12	5	Low	23035	701.5	16QAM	4.4740	4.8492	PASS
B12	5	Low	23035	701.5	64QAM	4.4818	4.8385	PASS
B12	5	Mid	23095	707.5	QPSK	4.4727	4.8466	PASS
B12	5	Mid	23095	707.5	16QAM	4.4661	4.8036	PASS
B12	5	Mid	23095	707.5	64QAM	4.4807	4.8638	PASS
B12	5	High	23155	713.5	QPSK	4.4712	4.8770	PASS
B12	5	High	23155	713.5	16QAM	4.4735	4.8646	PASS
B12	5	High	23155	713.5	64QAM	4.4805	4.8466	PASS
B12	10	Low	23060	704	QPSK	8.9277	9.6391	PASS
B12	10	Low	23060	704	16QAM	8.9174	9.5482	PASS
B12	10	Low	23060	704	64QAM	8.9394	9.6664	PASS
B12	10	Mid	23095	707.5	QPSK	8.9371	9.5509	PASS

B12	10	Mid	23095	707.5	16QAM	8.9303	9.5305	PASS
B12	10	Mid	23095	707.5	64QAM	8.9416	9.6456	PASS
B12	10	High	23130	711	QPSK	8.9343	9.5476	PASS
B12	10	High	23130	711	16QAM	8.9321	9.5815	PASS
B12	10	High	23130	711	64QAM	8.9323	9.6168	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4729	4.8561	PASS
B13	5	Low	23205	779.5	16QAM	4.4717	4.8915	PASS
B13	5	Low	23205	779.5	64QAM	4.4746	4.8324	PASS
B13	5	Mid	23230	782	QPSK	4.4726	4.8564	PASS
B13	5	Mid	23230	782	16QAM	4.4756	4.8964	PASS
B13	5	Mid	23230	782	64QAM	4.4809	4.8430	PASS
B13	5	High	23255	784.5	QPSK	4.4773	4.8472	PASS
B13	5	High	23255	784.5	16QAM	4.4713	4.9039	PASS
B13	5	High	23255	784.5	64QAM	4.4782	4.8696	PASS
B13	10	Mid	23230	782	QPSK	8.9413	9.5976	PASS
B13	10	Mid	23230	782	16QAM	8.9321	9.5328	PASS
B13	10	Mid	23230	782	64QAM	8.9246	9.6188	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4747	4.8840	PASS
B17	5	Low	23755	706.5	16QAM	4.4698	4.8406	PASS
B17	5	Low	23755	706.5	64QAM	4.4846	4.8370	PASS
B17	5	Mid	23790	710	QPSK	4.4726	4.8710	PASS
B17	5	Mid	23790	710	16QAM	4.4734	4.8381	PASS
B17	5	Mid	23790	710	64QAM	4.4772	4.8757	PASS
B17	5	High	23825	713.5	QPSK	4.4746	4.8838	PASS
B17	5	High	23825	713.5	16QAM	4.4753	4.8800	PASS
B17	5	High	23825	713.5	64QAM	4.4788	4.8450	PASS
B17	10	Low	23780	709	QPSK	8.9504	9.5609	PASS
B17	10	Low	23780	709	16QAM	8.9248	9.5347	PASS
B17	10	Low	23780	709	64QAM	8.9386	9.6533	PASS
B17	10	Mid	23790	710	QPSK	8.9450	9.5960	PASS
B17	10	Mid	23790	710	16QAM	8.9219	9.5540	PASS
B17	10	Mid	23790	710	64QAM	8.9396	9.6130	PASS
B17	10	High	23800	711	QPSK	8.9523	9.6000	PASS
B17	10	High	23800	711	16QAM	8.9211	9.5860	PASS
B17	10	High	23800	711	64QAM	8.9391	9.5732	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B25	1.4	Low	26047	1850.7	QPSK	1.0956	1.2755	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0951	1.2920	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.0990	1.2804	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0940	1.2730	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1025	1.3128	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1000	1.2780	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0966	1.2816	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1005	1.3145	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1007	1.3027	PASS
B25	3	Low	26055	1851.5	QPSK	2.6959	2.9470	PASS
B25	3	Low	26055	1851.5	16QAM	2.6984	2.9597	PASS
B25	3	Low	26055	1851.5	64QAM	2.7016	2.9480	PASS
B25	3	Mid	26365	1882.5	QPSK	2.6946	2.9363	PASS
B25	3	Mid	26365	1882.5	16QAM	2.6950	2.9496	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7024	2.9431	PASS
B25	3	High	26675	1913.5	QPSK	2.7001	2.9614	PASS
B25	3	High	26675	1913.5	16QAM	2.6916	2.9488	PASS
B25	3	High	26675	1913.5	64QAM	2.7004	2.9525	PASS
B25	5	Low	26065	1852.5	QPSK	4.4702	4.8685	PASS
B25	5	Low	26065	1852.5	16QAM	4.4765	4.8896	PASS
B25	5	Low	26065	1852.5	64QAM	4.4826	4.8797	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4687	4.8675	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4778	4.8714	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4800	4.8328	PASS
B25	5	High	26665	1912.5	QPSK	4.4741	4.8701	PASS
B25	5	High	26665	1912.5	16QAM	4.4663	4.8633	PASS
B25	5	High	26665	1912.5	64QAM	4.4721	4.8497	PASS
B25	10	Low	26090	1855	QPSK	8.9538	9.6535	PASS
B25	10	Low	26090	1855	16QAM	8.9363	9.6320	PASS
B25	10	Low	26090	1855	64QAM	8.9489	9.6627	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9648	9.5865	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9335	9.5904	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9449	9.6588	PASS
B25	10	High	26640	1910	QPSK	8.9443	9.5892	PASS
B25	10	High	26640	1910	16QAM	8.9228	9.5292	PASS

B25	10	High	26640	1910	64QAM	8.9188	9.6092	PASS
B25	15	Low	26115	1857.5	QPSK	13.451	14.432	PASS
B25	15	Low	26115	1857.5	16QAM	13.425	14.376	PASS
B25	15	Low	26115	1857.5	64QAM	13.404	14.423	PASS
B25	15	Mid	26365	1882.5	QPSK	13.433	14.406	PASS
B25	15	Mid	26365	1882.5	16QAM	13.420	14.380	PASS
B25	15	Mid	26365	1882.5	64QAM	13.406	14.438	PASS
B25	15	High	26615	1907.5	QPSK	13.448	14.363	PASS
B25	15	High	26615	1907.5	16QAM	13.406	14.398	PASS
B25	15	High	26615	1907.5	64QAM	13.364	14.355	PASS
B25	20	Low	26140	1860	QPSK	17.861	19.032	PASS
B25	20	Low	26140	1860	16QAM	17.874	19.054	PASS
B25	20	Low	26140	1860	64QAM	17.822	19.150	PASS
B25	20	Mid	26365	1882.5	QPSK	17.890	19.072	PASS
B25	20	Mid	26365	1882.5	16QAM	17.920	19.096	PASS
B25	20	Mid	26365	1882.5	64QAM	17.869	18.953	PASS
B25	20	High	26590	1905	QPSK	17.864	19.019	PASS
B25	20	High	26590	1905	16QAM	17.858	19.030	PASS
B25	20	High	26590	1905	64QAM	17.869	19.102	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26	1.4	Low	26797	824.7	QPSK	1.0975	1.2747	PASS
B26	1.4	Low	26797	824.7	16QAM	1.0971	1.3008	PASS
B26	1.4	Low	26797	824.7	64QAM	1.0984	1.3061	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.0936	1.2717	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.0984	1.3032	PASS
B26	1.4	Mid	26915	836.5	64QAM	1.0991	1.2870	PASS
B26	1.4	High	27033	848.3	QPSK	1.0967	1.2679	PASS
B26	1.4	High	27033	848.3	16QAM	1.1001	1.3021	PASS
B26	1.4	High	27033	848.3	64QAM	1.1006	1.3024	PASS
B26	3	Low	26805	825.5	QPSK	2.6951	2.9385	PASS
B26	3	Low	26805	825.5	16QAM	2.6956	2.9267	PASS
B26	3	Low	26805	825.5	64QAM	2.6998	2.9508	PASS
B26	3	Mid	26915	836.5	QPSK	2.6981	2.9319	PASS
B26	3	Mid	26915	836.5	16QAM	2.6981	2.9526	PASS
B26	3	Mid	26915	836.5	64QAM	2.6981	2.9343	PASS
B26	3	High	27025	847.5	QPSK	2.6987	2.9276	PASS
B26	3	High	27025	847.5	16QAM	2.6993	2.9430	PASS
B26	3	High	27025	847.5	64QAM	2.7009	2.9331	PASS
B26	5	Low	26815	826.5	QPSK	4.4764	4.8459	PASS
B26	5	Low	26815	826.5	16QAM	4.4767	4.8715	PASS
B26	5	Low	26815	826.5	64QAM	4.4849	4.8839	PASS
B26	5	Mid	26915	836.5	QPSK	4.4668	4.8684	PASS
B26	5	Mid	26915	836.5	16QAM	4.4747	4.8279	PASS
B26	5	Mid	26915	836.5	64QAM	4.4786	4.8540	PASS
B26	5	High	27015	846.5	QPSK	4.4699	4.8896	PASS
B26	5	High	27015	846.5	16QAM	4.4742	4.8944	PASS
B26	5	High	27015	846.5	64QAM	4.4722	4.8637	PASS
B26	10	Low	26840	829	QPSK	8.9454	9.5535	PASS
B26	10	Low	26840	829	16QAM	8.9328	9.6027	PASS
B26	10	Low	26840	829	64QAM	8.9555	9.6066	PASS
B26	10	Mid	26915	836.5	QPSK	8.9436	9.6274	PASS
B26	10	Mid	26915	836.5	16QAM	8.9183	9.6256	PASS
B26	10	Mid	26915	836.5	64QAM	8.9263	9.6382	PASS
B26	10	High	26990	844	QPSK	8.9484	9.4780	PASS
B26	10	High	26990	844	16QAM	8.9177	9.5793	PASS

B26	10	High	26990	844	64QAM	8.9416	9.6664	PASS
B26	15	Low	26865	831.5	QPSK	13.408	14.417	PASS
B26	15	Low	26865	831.5	16QAM	13.412	14.495	PASS
B26	15	Low	26865	831.5	64QAM	13.371	14.381	PASS
B26	15	Mid	26915	836.5	QPSK	13.453	14.362	PASS
B26	15	Mid	26915	836.5	16QAM	13.409	14.254	PASS
B26	15	Mid	26915	836.5	64QAM	13.376	14.389	PASS
B26	15	High	26965	841.5	QPSK	13.381	14.341	PASS
B26	15	High	26965	841.5	16QAM	13.415	14.364	PASS
B26	15	High	26965	841.5	64QAM	13.390	14.357	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	4.4705	5.1396	PASS
B38	5	Low	37775	2572.5	16QAM	4.4714	4.8403	PASS
B38	5	Low	37775	2572.5	64QAM	4.4803	5.1195	PASS
B38	5	Mid	38000	2595	QPSK	4.4771	5.4829	PASS
B38	5	Mid	38000	2595	16QAM	4.4678	4.8297	PASS
B38	5	Mid	38000	2595	64QAM	4.4824	4.8576	PASS
B38	5	High	38225	2617.5	QPSK	4.4830	5.4099	PASS
B38	5	High	38225	2617.5	16QAM	4.4690	4.8952	PASS
B38	5	High	38225	2617.5	64QAM	4.4816	4.9325	PASS
B38	10	Low	37800	2575	QPSK	8.9398	9.9033	PASS
B38	10	Low	37800	2575	16QAM	8.9439	10.5059	PASS
B38	10	Low	37800	2575	64QAM	8.9350	10.7105	PASS
B38	10	Mid	38000	2595	QPSK	8.9514	9.5917	PASS
B38	10	Mid	38000	2595	16QAM	8.9326	9.9712	PASS
B38	10	Mid	38000	2595	64QAM	8.9338	10.9675	PASS
B38	10	High	38200	2615	QPSK	8.9309	9.8873	PASS
B38	10	High	38200	2615	16QAM	8.9318	9.9663	PASS
B38	10	High	38200	2615	64QAM	8.9420	11.0894	PASS
B38	15	Low	37825	2577.5	QPSK	13.435	14.915	PASS
B38	15	Low	37825	2577.5	16QAM	13.415	14.555	PASS
B38	15	Low	37825	2577.5	64QAM	13.396	15.607	PASS
B38	15	Mid	38000	2595	QPSK	13.395	14.937	PASS
B38	15	Mid	38000	2595	16QAM	13.381	14.262	PASS
B38	15	Mid	38000	2595	64QAM	13.409	14.516	PASS
B38	15	High	38175	2612.5	QPSK	13.425	15.025	PASS
B38	15	High	38175	2612.5	16QAM	13.419	14.476	PASS
B38	15	High	38175	2612.5	64QAM	13.396	15.104	PASS
B38	20	Low	37850	2580	QPSK	17.897	21.129	PASS
B38	20	Low	37850	2580	16QAM	17.895	19.914	PASS
B38	20	Low	37850	2580	64QAM	17.881	21.240	PASS
B38	20	Mid	38000	2595	QPSK	17.863	20.926	PASS
B38	20	Mid	38000	2595	16QAM	17.855	19.256	PASS
B38	20	Mid	38000	2595	64QAM	17.867	20.195	PASS
B38	20	High	38150	2610	QPSK	17.870	20.979	PASS
B38	20	High	38150	2610	16QAM	17.850	21.609	PASS

B38	20	High	38150	2610	64QAM	17.905	21.024	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	4.4805	5.0838	PASS
B41	5	Low	39675	2498.5	16QAM	4.4763	4.8998	PASS
B41	5	Low	39675	2498.5	64QAM	4.4896	5.0057	PASS
B41	5	Mid	40620	2593	QPSK	4.4648	5.2007	PASS
B41	5	Mid	40620	2593	16QAM	4.4710	4.8605	PASS
B41	5	Mid	40620	2593	64QAM	4.4752	4.9516	PASS
B41	5	High	41565	2687.5	QPSK	4.4819	5.0826	PASS
B41	5	High	41565	2687.5	16QAM	4.4752	4.8621	PASS
B41	5	High	41565	2687.5	64QAM	4.4783	4.9337	PASS
B41	10	Low	39700	2501	QPSK	8.9393	9.5577	PASS
B41	10	Low	39700	2501	16QAM	8.9392	10.4789	PASS
B41	10	Low	39700	2501	64QAM	8.9519	10.9102	PASS
B41	10	Mid	40620	2593	QPSK	8.9351	9.6075	PASS
B41	10	Mid	40620	2593	16QAM	8.9360	10.0165	PASS
B41	10	Mid	40620	2593	64QAM	8.9607	10.8101	PASS
B41	10	High	41540	2685	QPSK	8.9368	9.6187	PASS
B41	10	High	41540	2685	16QAM	8.9376	10.2131	PASS
B41	10	High	41540	2685	64QAM	8.9403	10.7917	PASS
B41	15	Low	39725	2503.5	QPSK	13.413	14.841	PASS
B41	15	Low	39725	2503.5	16QAM	13.402	14.443	PASS
B41	15	Low	39725	2503.5	64QAM	13.411	15.366	PASS
B41	15	Mid	40620	2593	QPSK	13.400	15.004	PASS
B41	15	Mid	40620	2593	16QAM	13.434	14.518	PASS
B41	15	Mid	40620	2593	64QAM	13.406	15.227	PASS
B41	15	High	41515	2682.5	QPSK	13.429	15.094	PASS
B41	15	High	41515	2682.5	16QAM	13.430	14.436	PASS
B41	15	High	41515	2682.5	64QAM	13.395	14.659	PASS
B41	20	Low	39750	2506	QPSK	17.855	20.365	PASS
B41	20	Low	39750	2506	16QAM	17.864	18.911	PASS
B41	20	Low	39750	2506	64QAM	17.916	19.029	PASS
B41	20	Mid	40620	2593	QPSK	17.871	20.783	PASS
B41	20	Mid	40620	2593	16QAM	17.880	19.511	PASS
B41	20	Mid	40620	2593	64QAM	17.903	20.080	PASS

B41	20	High	41490	2680	QPSK	17.897	19.825	PASS
B41	20	High	41490	2680	16QAM	17.888	18.951	PASS
B41	20	High	41490	2680	64QAM	17.900	19.998	PASS

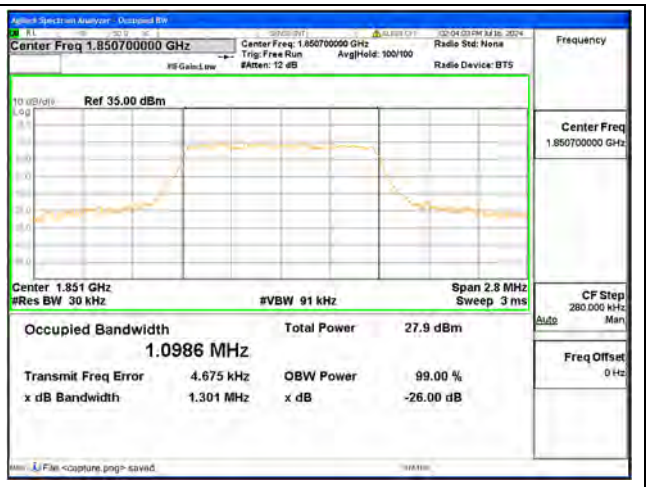
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0951	1.2878	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0990	1.2949	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0986	1.2959	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0946	1.2714	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0950	1.3039	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1000	1.3075	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0966	1.2730	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1041	1.3040	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0998	1.3258	PASS
B66	3	Low	131987	1711.5	QPSK	2.6948	2.9471	PASS
B66	3	Low	131987	1711.5	16QAM	2.6948	2.9309	PASS
B66	3	Low	131987	1711.5	64QAM	2.6983	2.9411	PASS
B66	3	Mid	132322	1745	QPSK	2.6964	2.9483	PASS
B66	3	Mid	132322	1745	16QAM	2.6957	2.9559	PASS
B66	3	Mid	132322	1745	64QAM	2.7012	2.9384	PASS
B66	3	High	132657	1778.5	QPSK	2.6980	2.9533	PASS
B66	3	High	132657	1778.5	16QAM	2.6962	2.9570	PASS
B66	3	High	132657	1778.5	64QAM	2.7035	2.9463	PASS
B66	5	Low	131997	1712.5	QPSK	4.4737	4.8640	PASS
B66	5	Low	131997	1712.5	16QAM	4.4736	4.8721	PASS
B66	5	Low	131997	1712.5	64QAM	4.4823	4.8570	PASS
B66	5	Mid	132322	1745	QPSK	4.4671	4.8531	PASS
B66	5	Mid	132322	1745	16QAM	4.4778	4.8792	PASS
B66	5	Mid	132322	1745	64QAM	4.4794	4.8514	PASS
B66	5	High	132647	1777.5	QPSK	4.4641	4.8541	PASS
B66	5	High	132647	1777.5	16QAM	4.4729	4.8995	PASS
B66	5	High	132647	1777.5	64QAM	4.4692	4.8446	PASS
B66	10	Low	132022	1715	QPSK	8.9406	9.5651	PASS
B66	10	Low	132022	1715	16QAM	8.9387	9.5156	PASS
B66	10	Low	132022	1715	64QAM	8.9298	9.6378	PASS
B66	10	Mid	132322	1745	QPSK	8.9493	9.6336	PASS
B66	10	Mid	132322	1745	16QAM	8.9390	9.5920	PASS
B66	10	Mid	132322	1745	64QAM	8.9428	9.6094	PASS
B66	10	High	132622	1775	QPSK	8.9433	9.5965	PASS
B66	10	High	132622	1775	16QAM	8.9149	9.5753	PASS

B66	10	High	132622	1775	64QAM	8.9308	9.6390	PASS
B66	15	Low	132047	1717.5	QPSK	13.421	14.422	PASS
B66	15	Low	132047	1717.5	16QAM	13.423	14.319	PASS
B66	15	Low	132047	1717.5	64QAM	13.384	14.583	PASS
B66	15	Mid	132322	1745	QPSK	13.432	14.435	PASS
B66	15	Mid	132322	1745	16QAM	13.424	14.386	PASS
B66	15	Mid	132322	1745	64QAM	13.382	14.280	PASS
B66	15	High	132597	1772.5	QPSK	13.437	14.228	PASS
B66	15	High	132597	1772.5	16QAM	13.396	14.310	PASS
B66	15	High	132597	1772.5	64QAM	13.380	14.356	PASS
B66	20	Low	132072	1720	QPSK	17.860	19.067	PASS
B66	20	Low	132072	1720	16QAM	17.875	19.036	PASS
B66	20	Low	132072	1720	64QAM	17.865	19.083	PASS
B66	20	Mid	132322	1745	QPSK	17.865	18.979	PASS
B66	20	Mid	132322	1745	16QAM	17.901	19.084	PASS
B66	20	Mid	132322	1745	64QAM	17.875	19.188	PASS
B66	20	High	132572	1770	QPSK	17.863	19.069	PASS
B66	20	High	132572	1770	16QAM	17.900	19.081	PASS
B66	20	High	132572	1770	64QAM	17.857	19.158	PASS

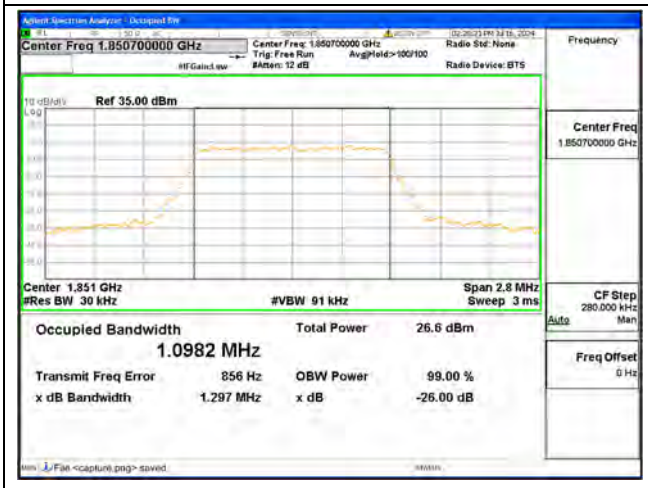
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B71	5	Low	133147	665.5	QPSK	4.4723	4.8313	PASS
B71	5	Low	133147	665.5	16QAM	4.4712	4.8352	PASS
B71	5	Low	133147	665.5	64QAM	4.4725	4.8624	PASS
B71	5	Mid	133297	680.5	QPSK	4.4652	4.8577	PASS
B71	5	Mid	133297	680.5	16QAM	4.4700	4.8869	PASS
B71	5	Mid	133297	680.5	64QAM	4.4785	4.8390	PASS
B71	5	High	133447	695.5	QPSK	4.4672	4.8417	PASS
B71	5	High	133447	695.5	16QAM	4.4723	4.8742	PASS
B71	5	High	133447	695.5	64QAM	4.4812	4.8437	PASS
B71	10	Low	133172	668	QPSK	8.9352	9.6333	PASS
B71	10	Low	133172	668	16QAM	8.9331	9.5432	PASS
B71	10	Low	133172	668	64QAM	8.9386	9.5877	PASS
B71	10	Mid	133297	680.5	QPSK	8.9278	9.5730	PASS
B71	10	Mid	133297	680.5	16QAM	8.9281	9.5570	PASS
B71	10	Mid	133297	680.5	64QAM	8.9386	9.5963	PASS
B71	10	High	133422	693	QPSK	8.9406	9.6030	PASS
B71	10	High	133422	693	16QAM	8.9277	9.5362	PASS
B71	10	High	133422	693	64QAM	8.9448	9.6431	PASS
B71	15	Low	133197	670.5	QPSK	13.443	14.327	PASS
B71	15	Low	133197	670.5	16QAM	13.398	14.397	PASS
B71	15	Low	133197	670.5	64QAM	13.376	14.295	PASS
B71	15	Mid	133297	680.5	QPSK	13.442	14.326	PASS
B71	15	Mid	133297	680.5	16QAM	13.383	14.453	PASS
B71	15	Mid	133297	680.5	64QAM	13.367	14.279	PASS
B71	15	High	133397	690.5	QPSK	13.456	14.392	PASS
B71	15	High	133397	690.5	16QAM	13.438	14.374	PASS
B71	15	High	133397	690.5	64QAM	13.407	14.326	PASS
B71	20	Low	133222	673	QPSK	17.856	18.962	PASS
B71	20	Low	133222	673	16QAM	17.845	19.131	PASS
B71	20	Low	133222	673	64QAM	17.822	19.078	PASS
B71	20	Mid	133322	683	QPSK	17.888	19.000	PASS
B71	20	Mid	133322	683	16QAM	17.867	18.924	PASS
B71	20	Mid	133322	683	64QAM	17.850	19.119	PASS
B71	20	High	133372	688	QPSK	17.922	18.970	PASS
B71	20	High	133372	688	16QAM	17.917	19.172	PASS

B71	20	High	133372	688	64QAM	17.935	19.209	PASS

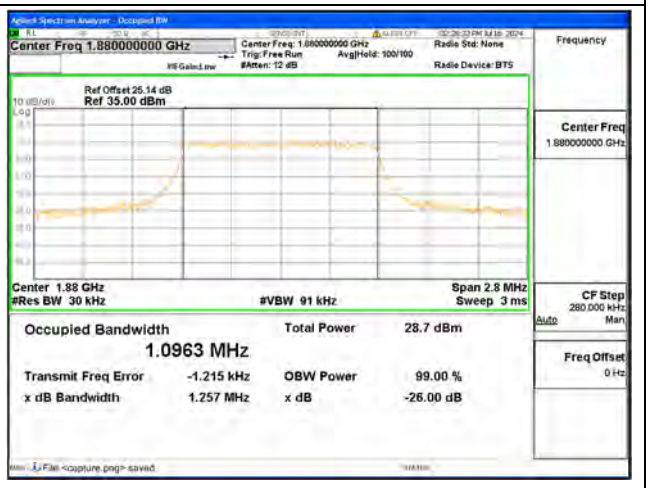
B2 / 1.4MHz / QPSK/ Low CH



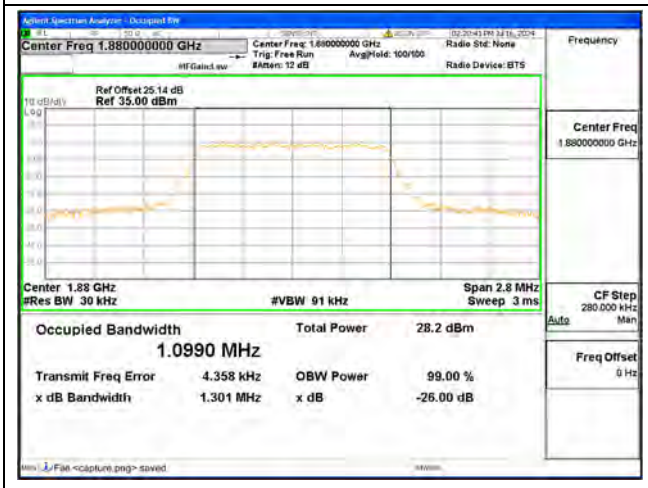
B2 / 1.4MHz / 16QAM/ Low CH



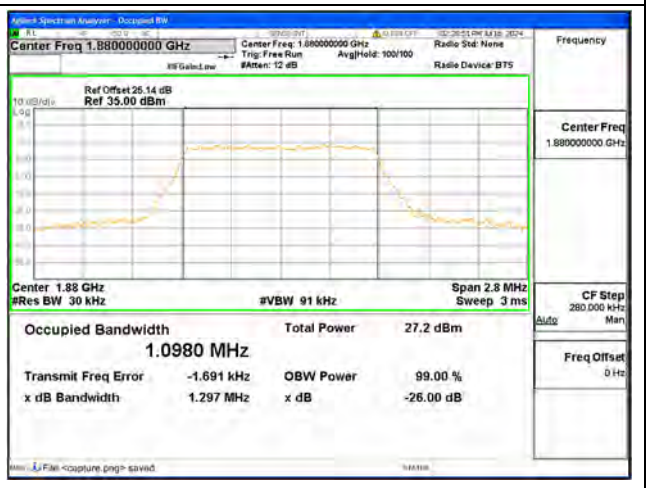
B2 / 1.4MHz / 64QAM/ Low CH



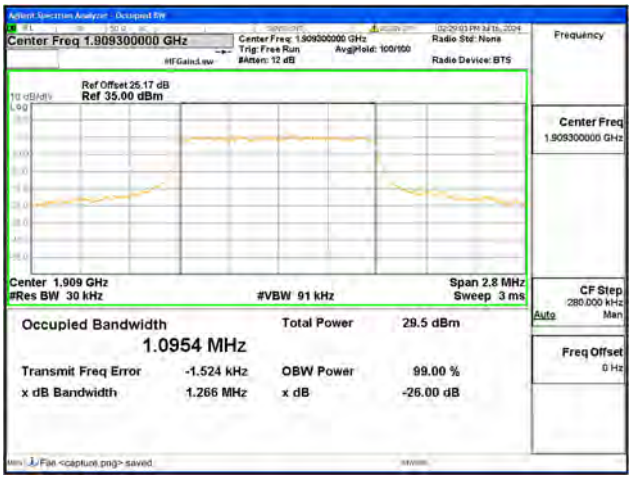
B2 / 1.4MHz / QPSK/ Mid CH



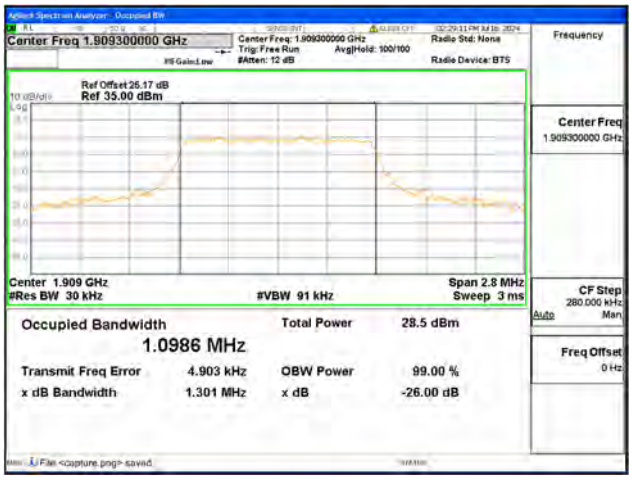
B2 / 1.4MHz / 16QAM/ Mid CH



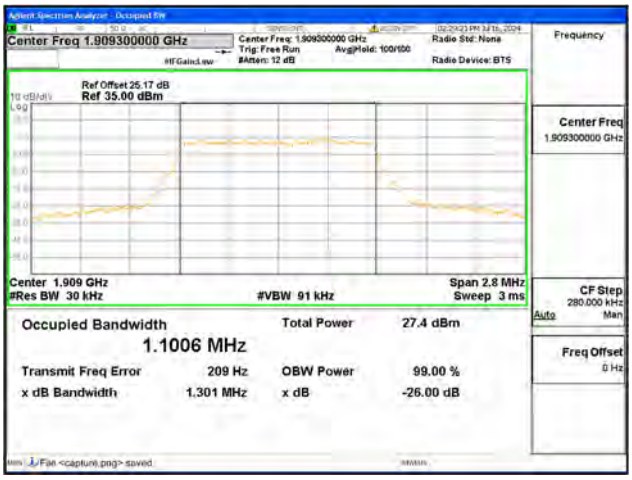
B2 / 1.4MHz / 64QAM/ Mid CH



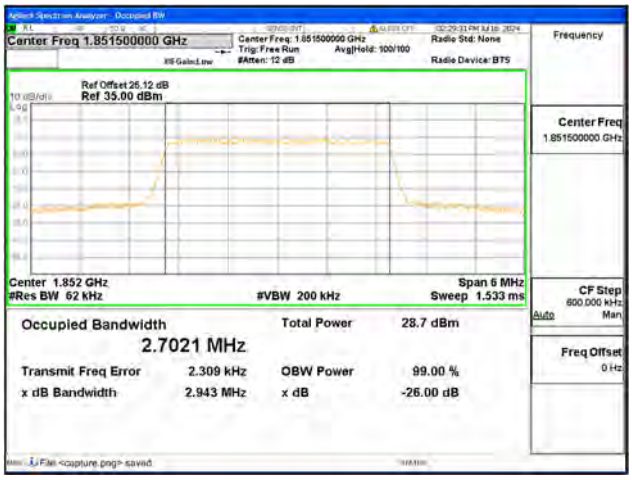
B2 / 1.4MHz / QPSK/ High CH



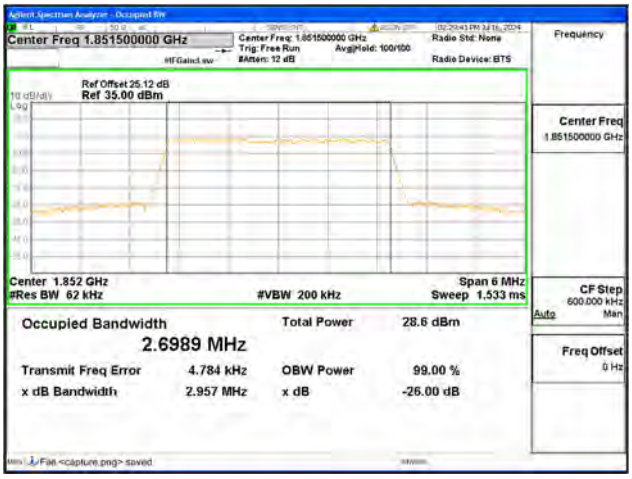
B2 / 1.4MHz / 16QAM/ High CH



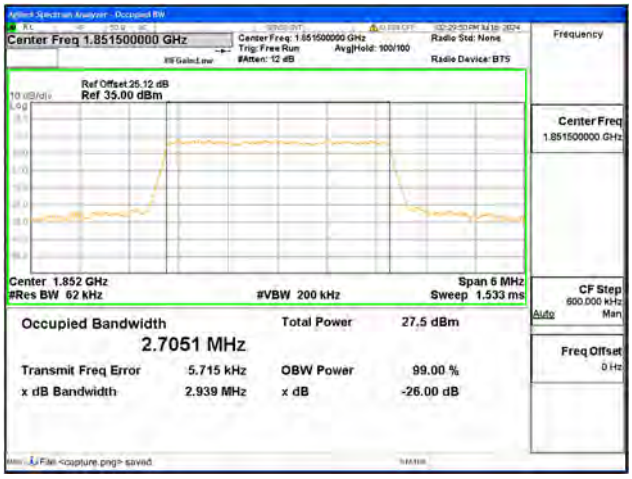
B2 / 1.4MHz / 64QAM/ High CH



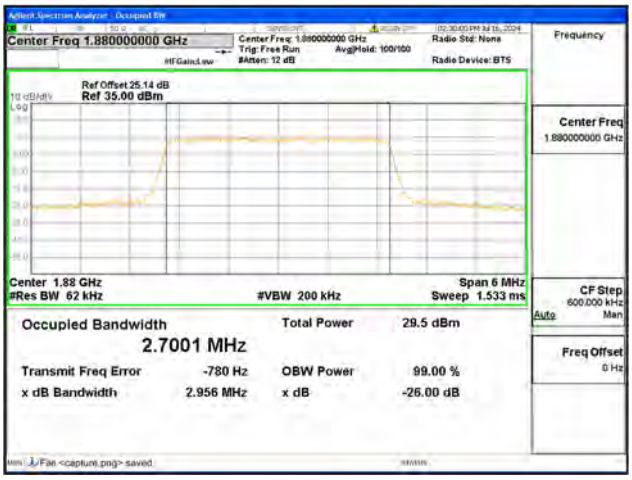
B2 / 3MHz / QPSK/ Low CH



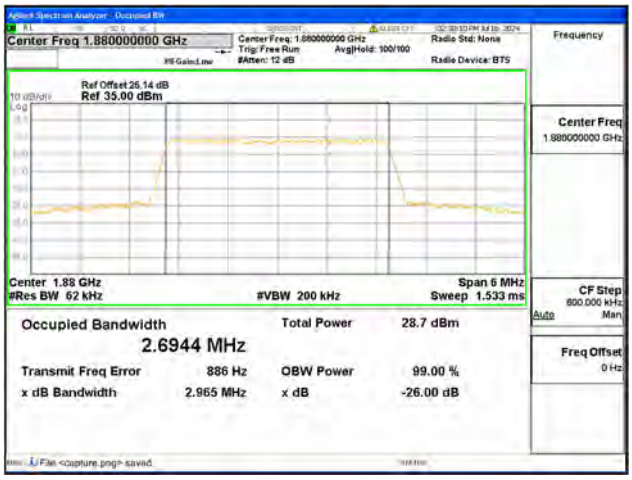
B2 / 3MHz / 16QAM/ Low CH



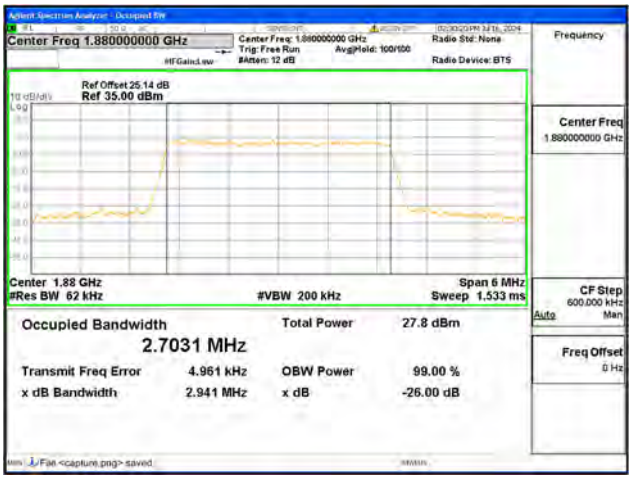
B2 / 3MHz / 64QAM/ Low CH



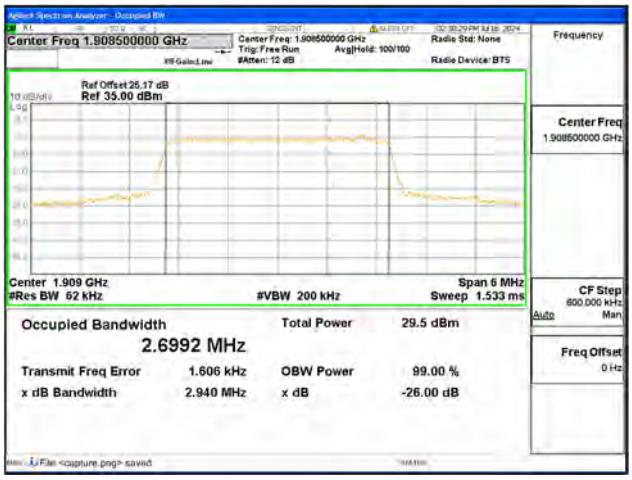
B2 / 3MHz / QPSK/ Mid CH



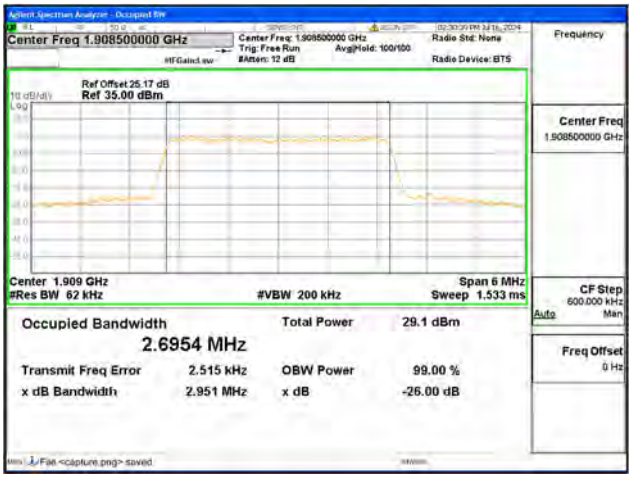
B2 / 3MHz / 16QAM/ Mid CH



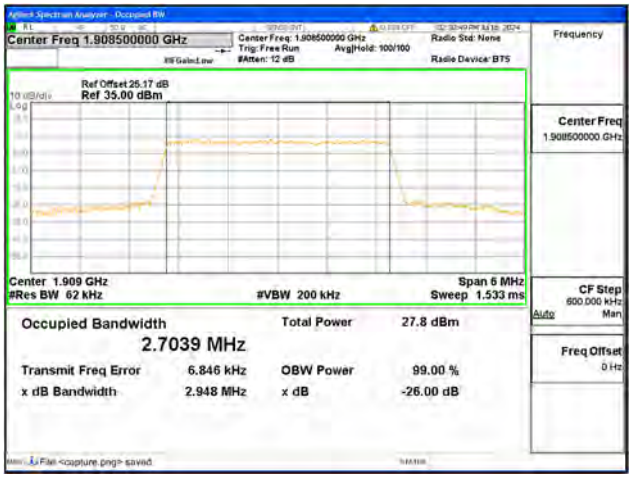
B2 / 3MHz / 64QAM/ Mid CH



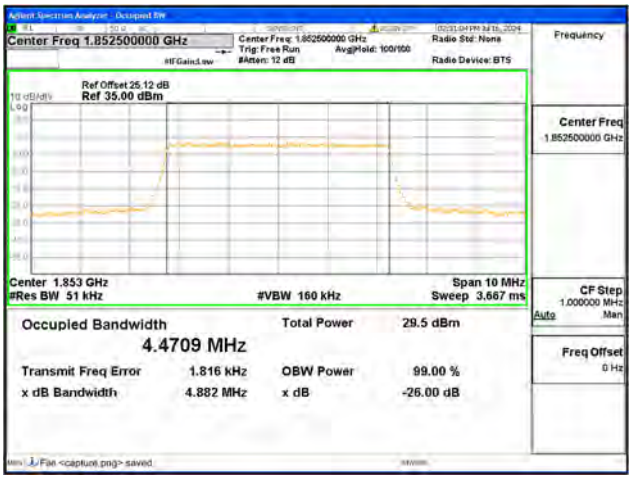
B2 / 3MHz / QPSK/ High CH



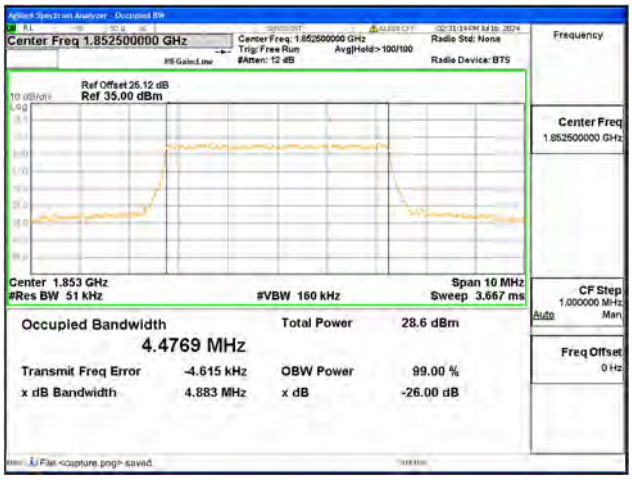
B2 / 3MHz / 16QAM/ High CH



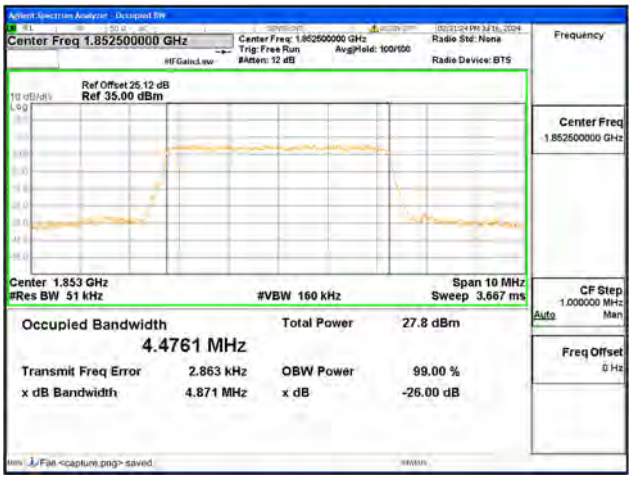
B2 / 3MHz / 64QAM/ High CH



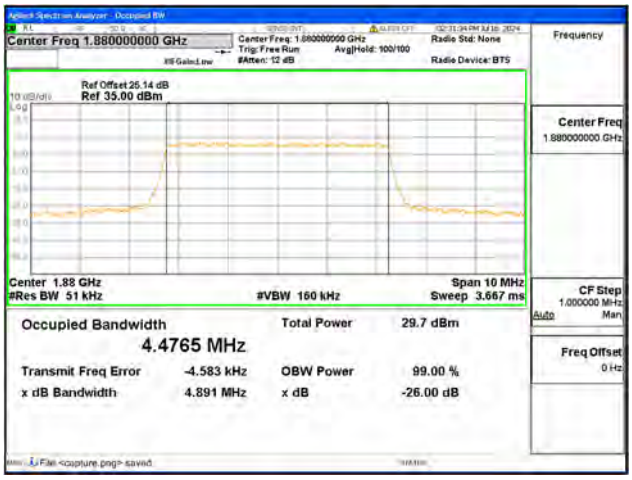
B2 / 5MHz / QPSK/ Low CH



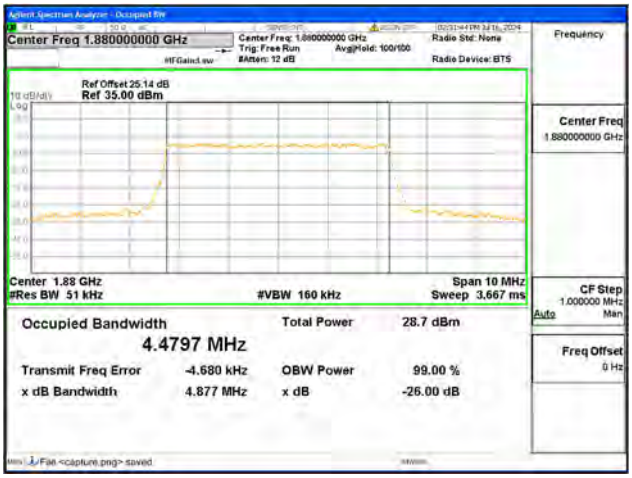
B2 / 5MHz / 16QAM/ Low CH



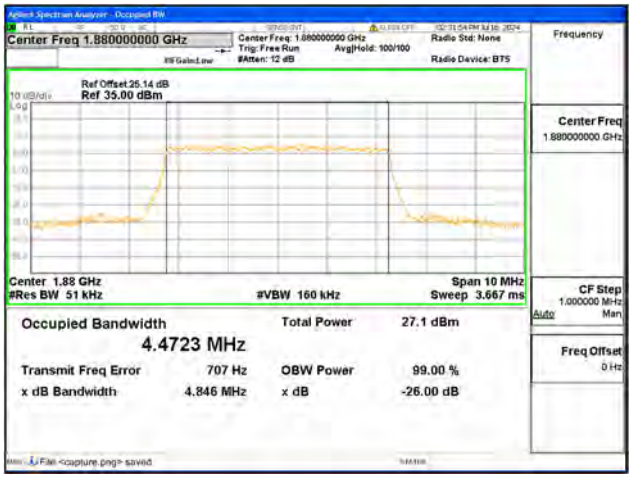
B2 / 5MHz / 64QAM/ Low CH



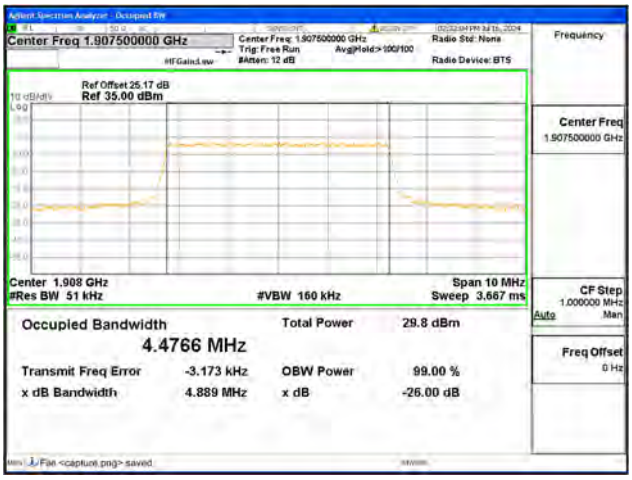
B2 / 5MHz / QPSK/ Mid CH



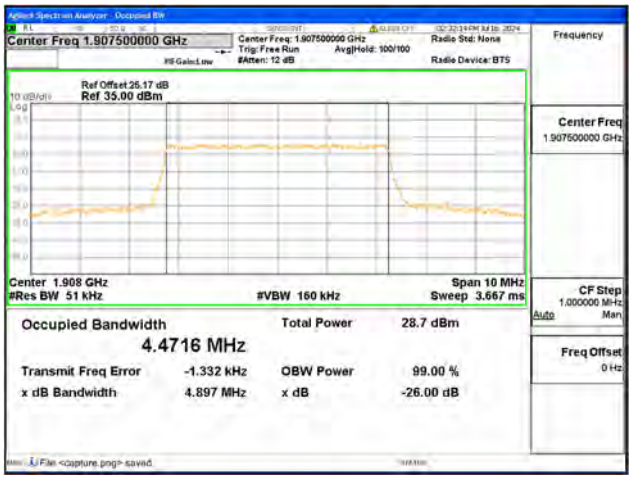
B2 / 5MHz / 16QAM/ Mid CH



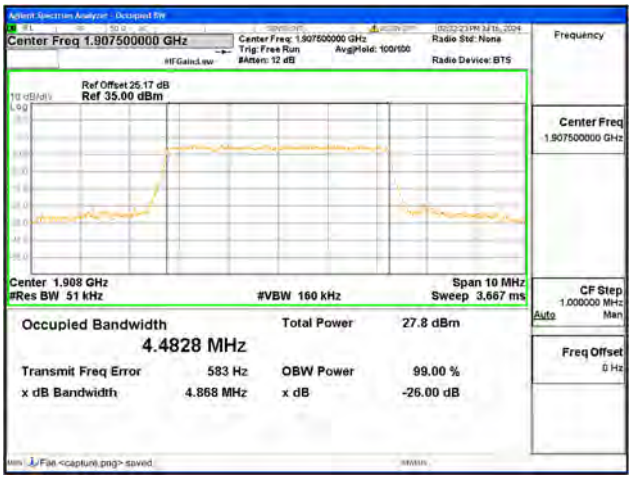
B2 / 5MHz / 64QAM/ Mid CH



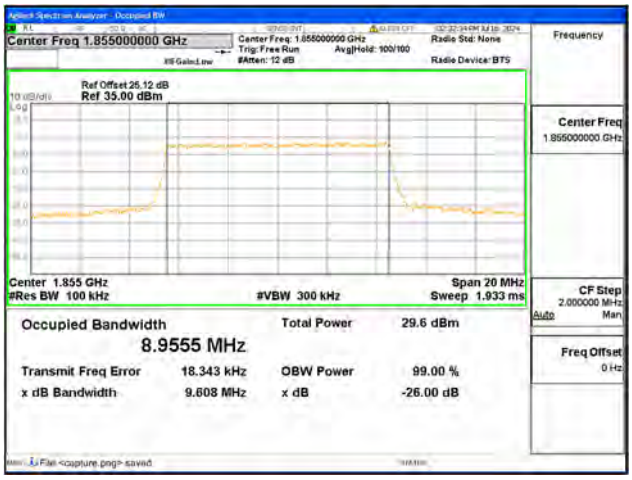
B2 / 5MHz / QPSK/ High CH



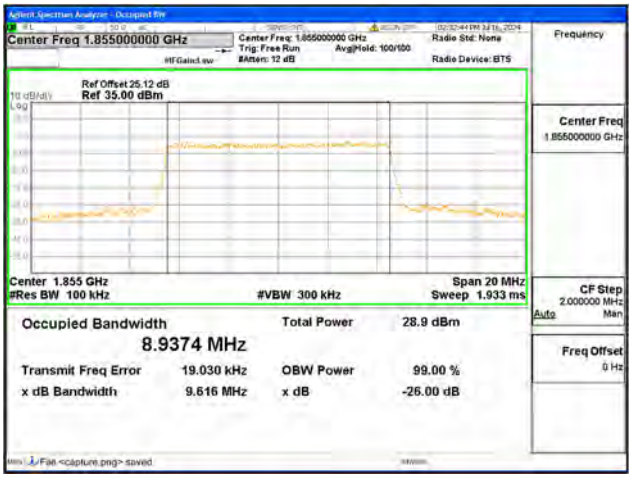
B2 / 5MHz / 16QAM/ High CH



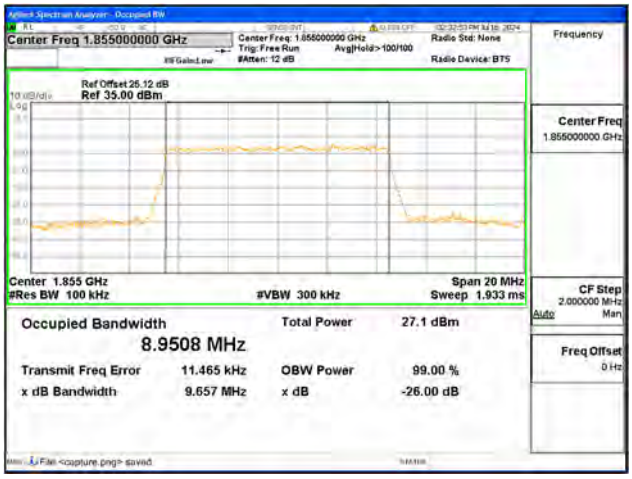
B2 / 5MHz / 64QAM/ High CH



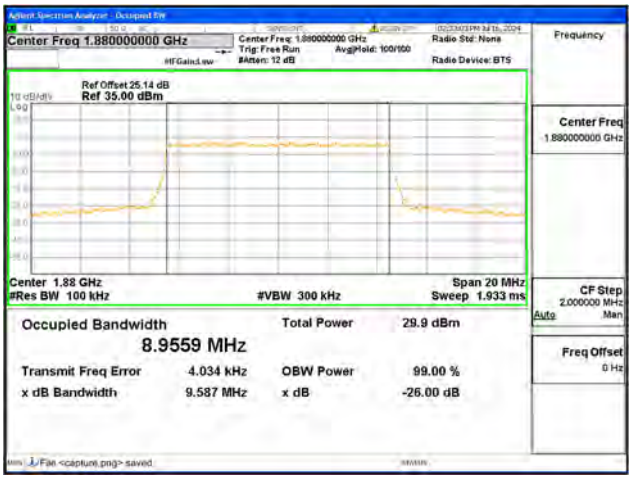
B2 / 10MHz / QPSK/ Low CH



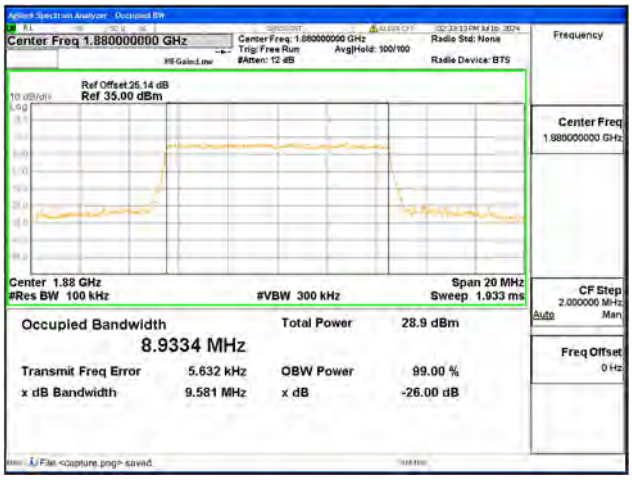
B2 / 10MHz / 16QAM/ Low CH



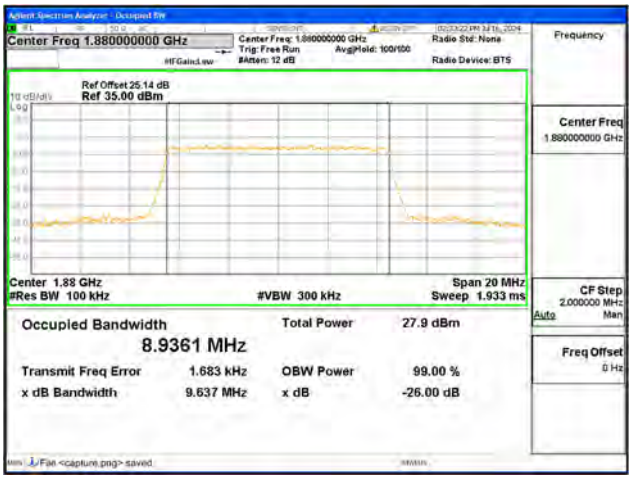
B2 / 10MHz / 64QAM/ Low CH



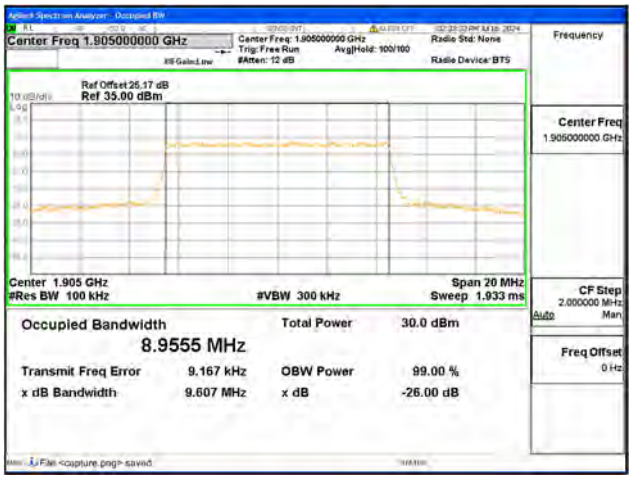
B2 / 10MHz / QPSK/ Mid CH



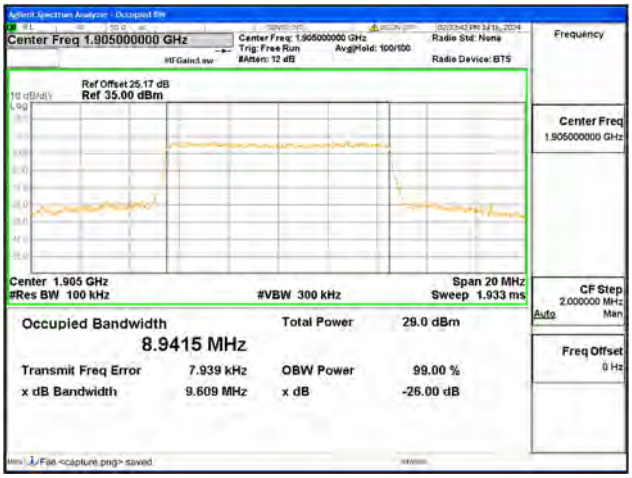
B2 / 10MHz / 16QAM/ Mid CH



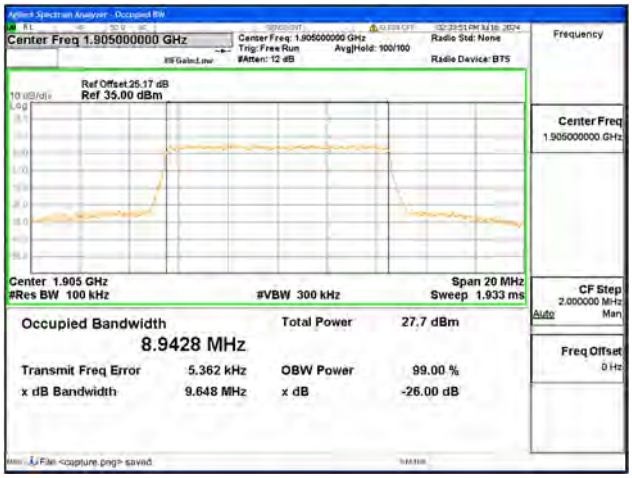
B2 / 10MHz / 64QAM/ Mid CH



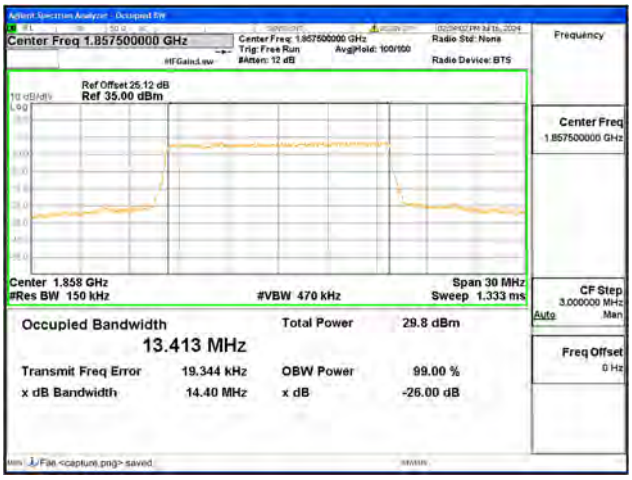
B2 / 10MHz / QPSK/ High CH



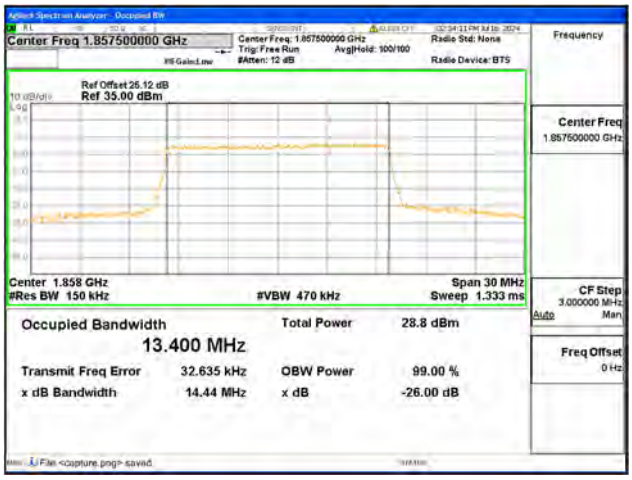
B2 / 10MHz / 16QAM/ High CH



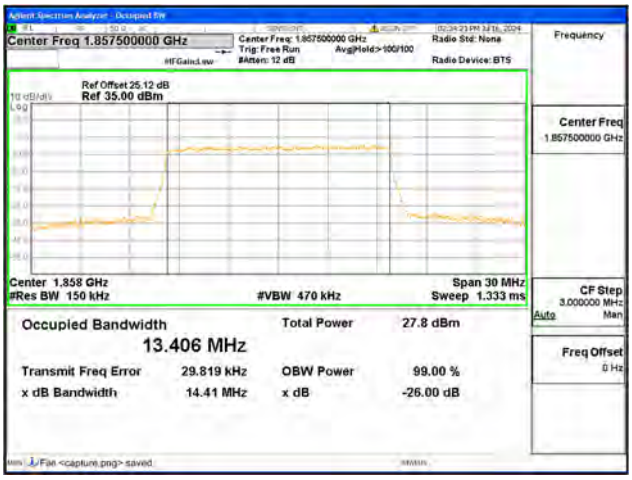
B2 / 10MHz / 64QAM/ High CH



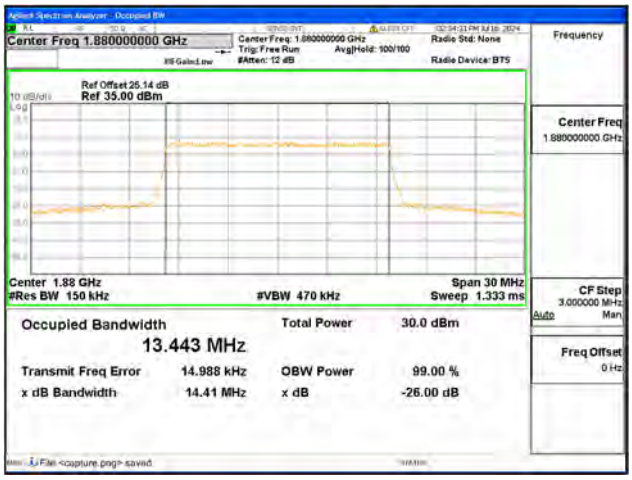
B2 / 15MHz / QPSK/ Low CH



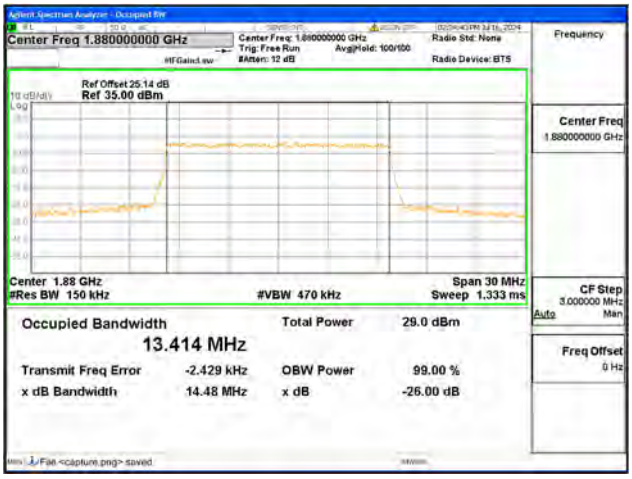
B2 / 15MHz / 16QAM/ Low CH



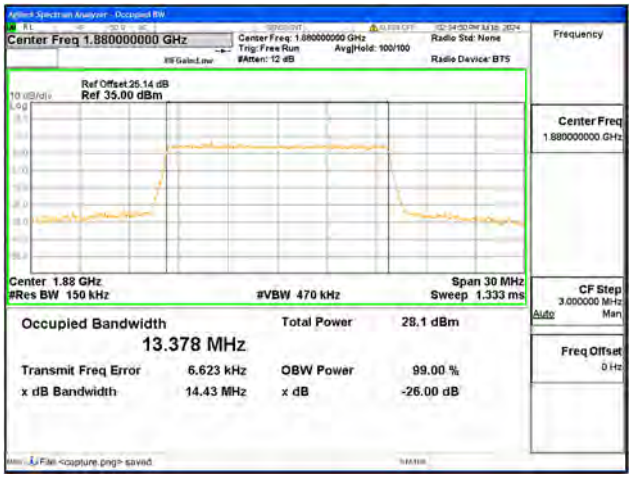
B2 / 15MHz / 64QAM/ Low CH



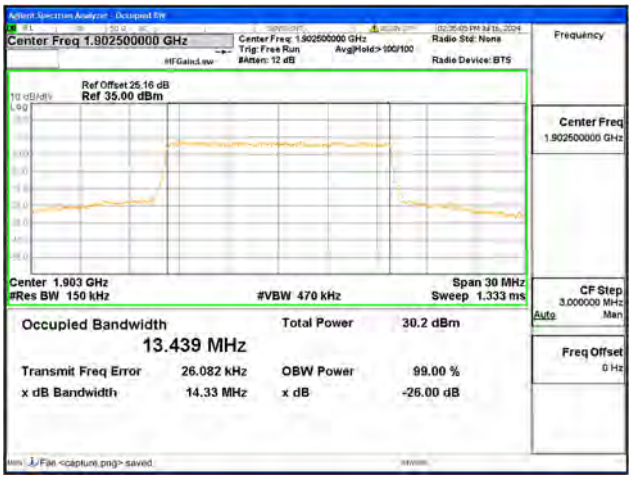
B2 / 15MHz / QPSK/ Mid CH



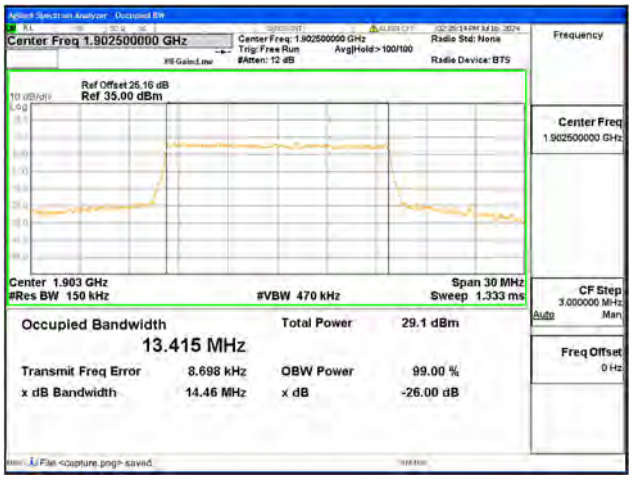
B2 / 15MHz / 16QAM/ Mid CH



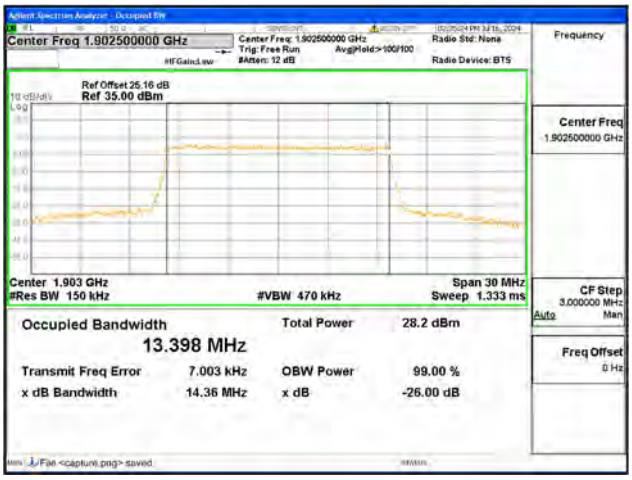
B2 / 15MHz / 64QAM/ Mid CH



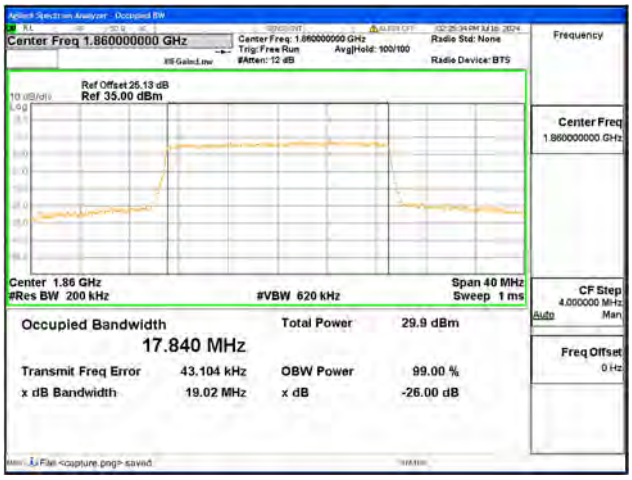
B2 / 15MHz / QPSK/ High CH



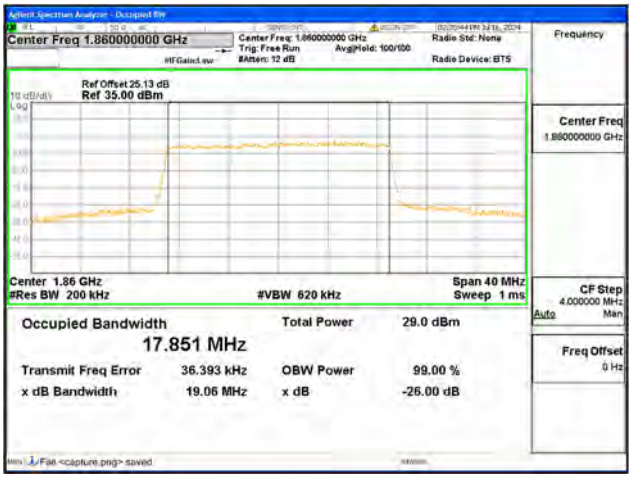
B2 / 15MHz / 16QAM/ High CH



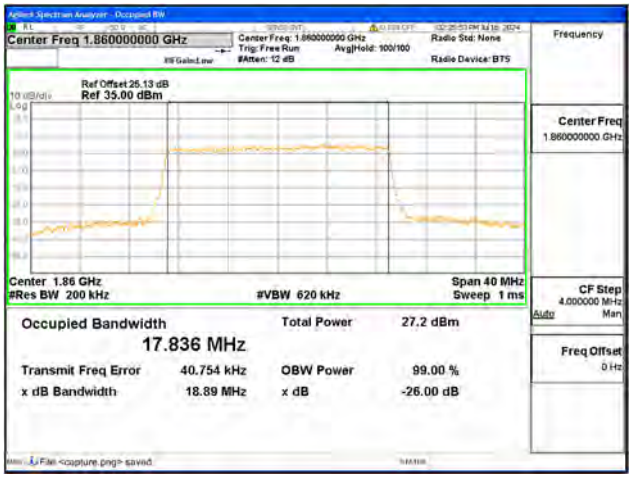
B2 / 15MHz / 64QAM/ High CH



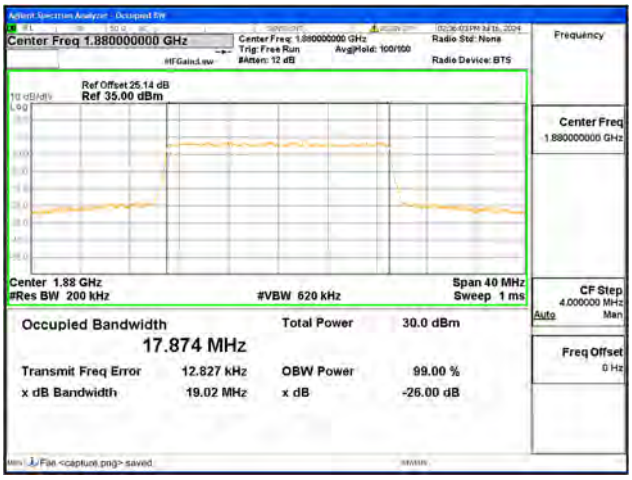
B2 / 20MHz / QPSK/ Low CH



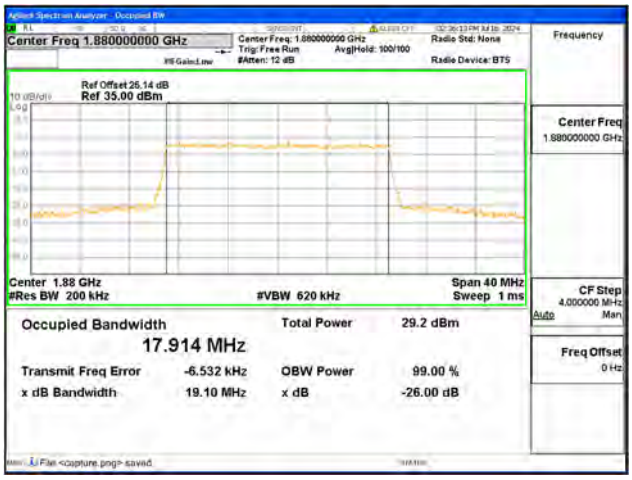
B2 / 20MHz / 16QAM/ Low CH



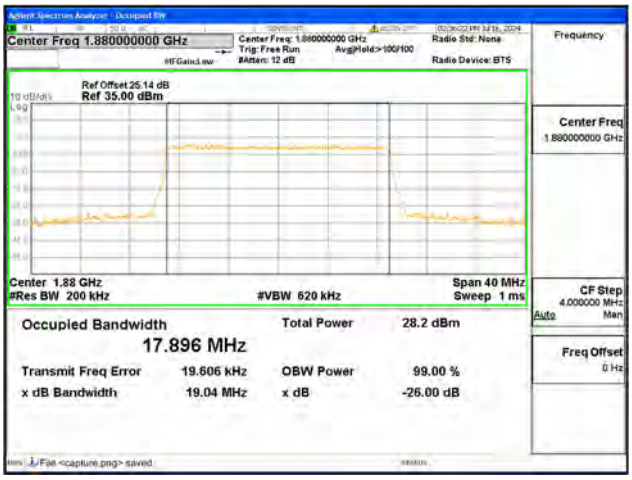
B2 / 20MHz / 64QAM/ Low CH



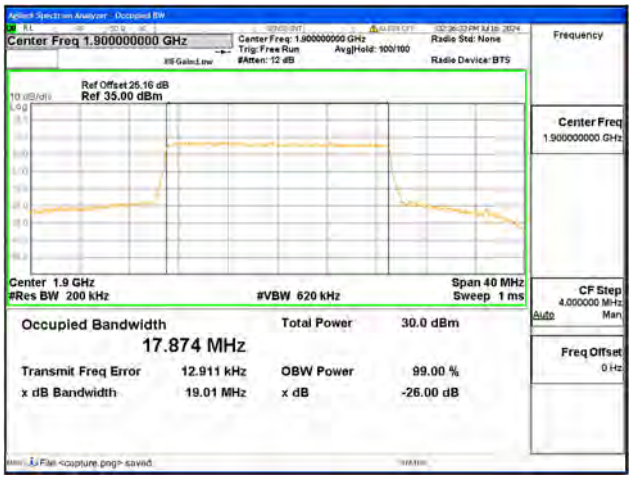
B2 / 20MHz / QPSK/ Mid CH



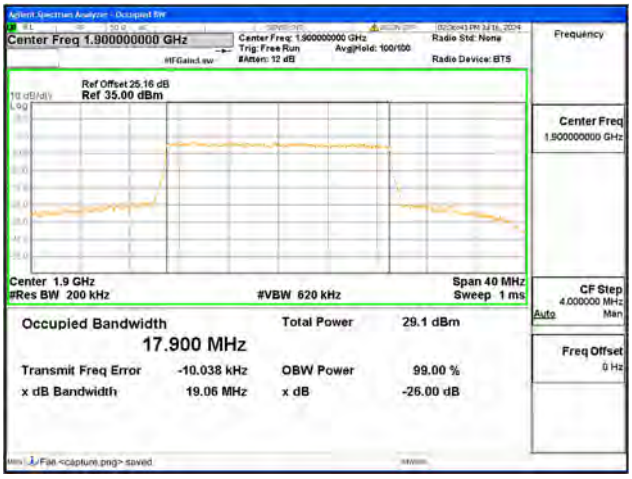
B2 / 20MHz / 16QAM/ Mid CH



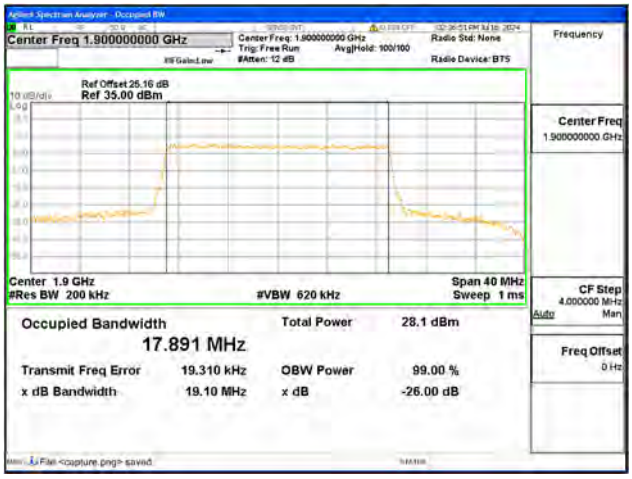
B2 / 20MHz / 64QAM/ Mid CH



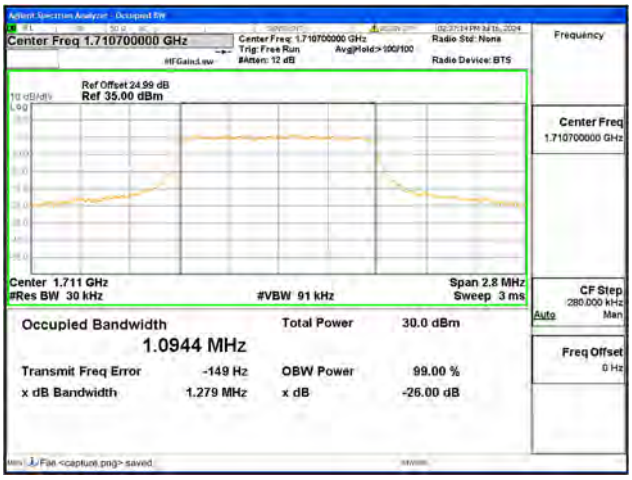
B2 / 20MHz / QPSK/ High CH



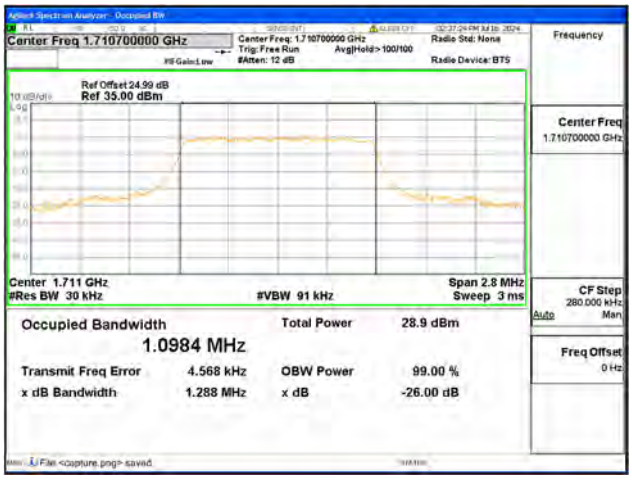
B2 / 20MHz / 16QAM/ High CH



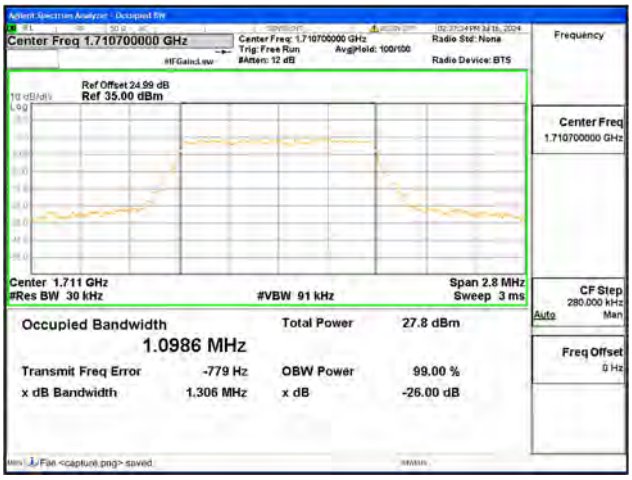
B2 / 20MHz / 64QAM/ High CH



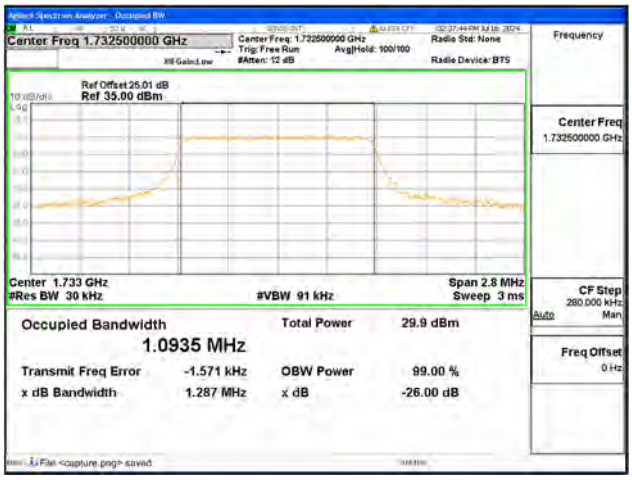
B4 / 1.4MHz / QPSK/ Low CH



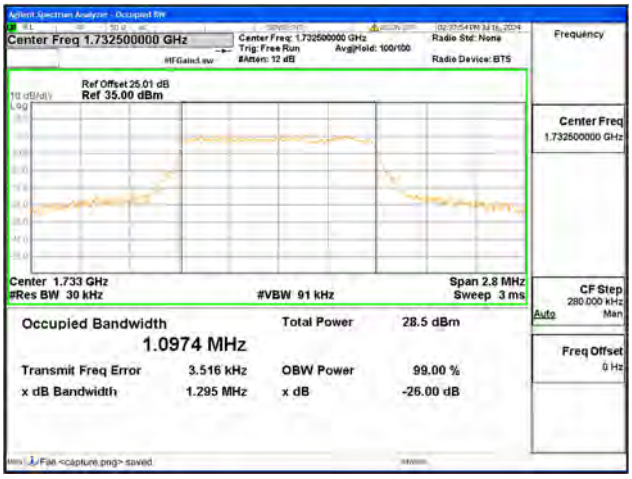
B4 / 1.4MHz / 16QAM/ Low CH



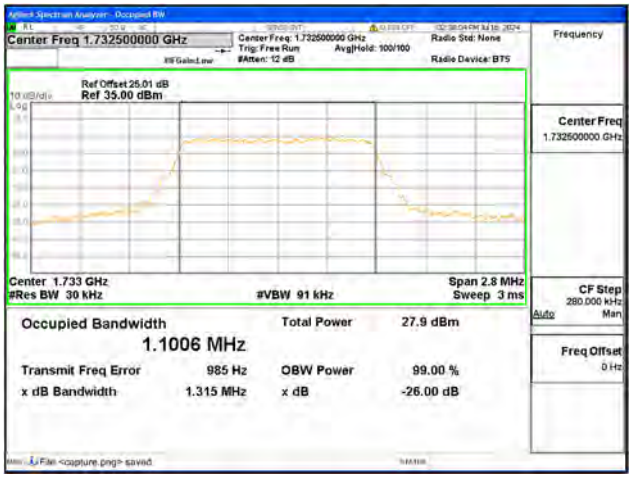
B4 / 1.4MHz / 64QAM/ Low CH



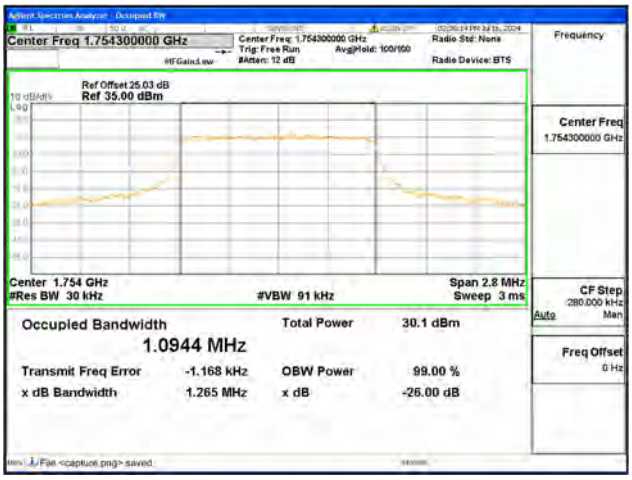
B4 / 1.4MHz / QPSK/ Mid CH



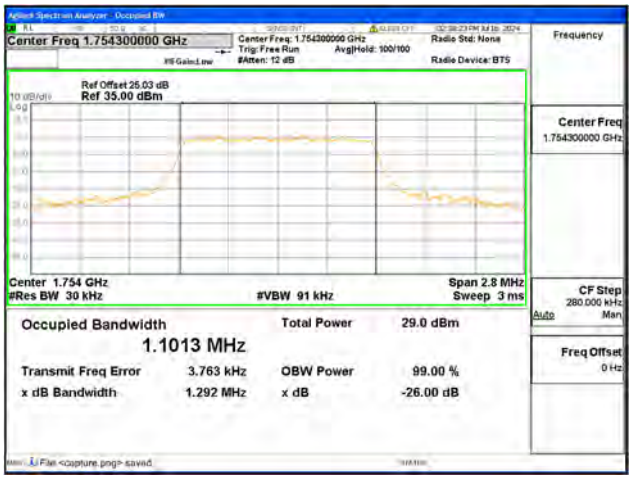
B4 / 1.4MHz / 16QAM/ Mid CH



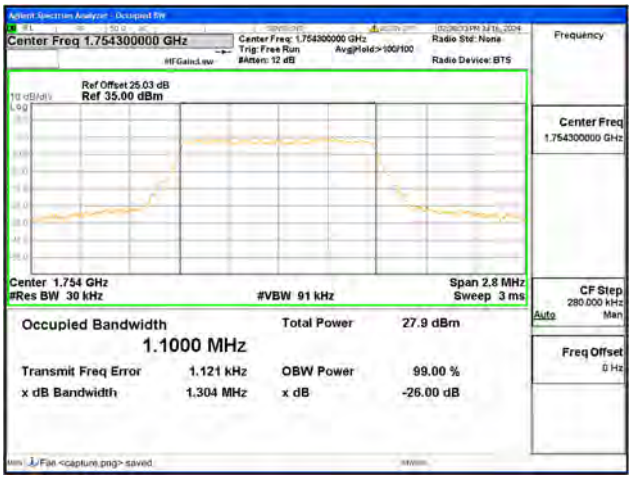
B4 / 1.4MHz / 64QAM/ Mid CH



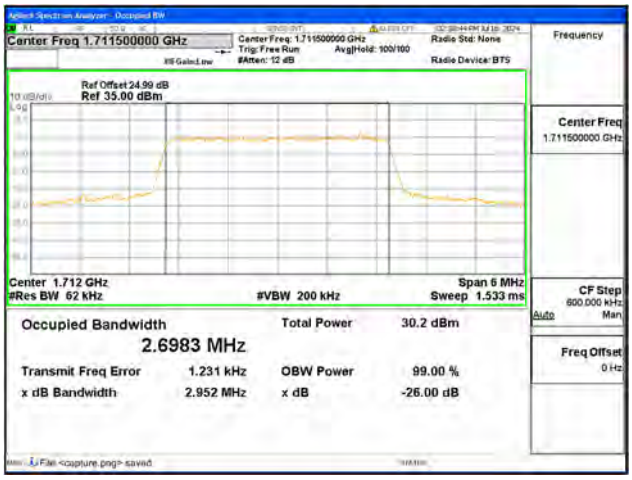
B4 / 1.4MHz / QPSK/ High CH



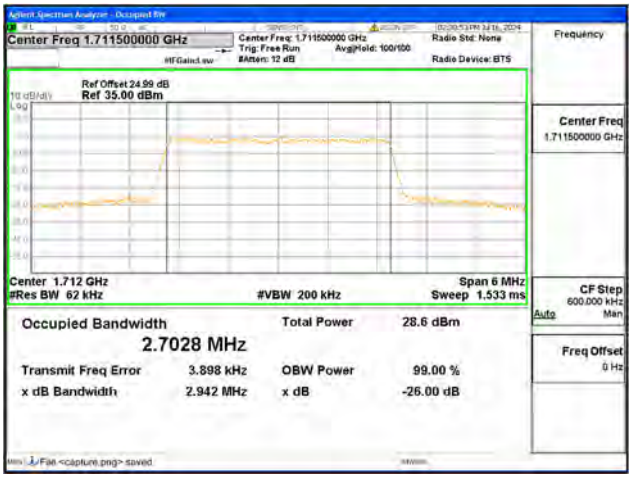
B4 / 1.4MHz / 16QAM/ High CH



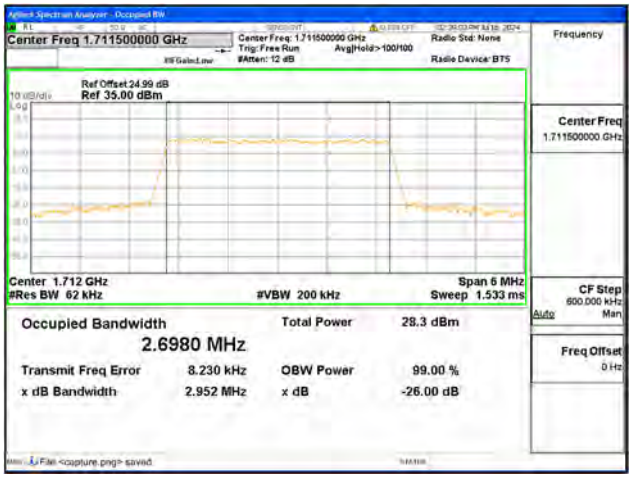
B4 / 1.4MHz / 64QAM/ High CH



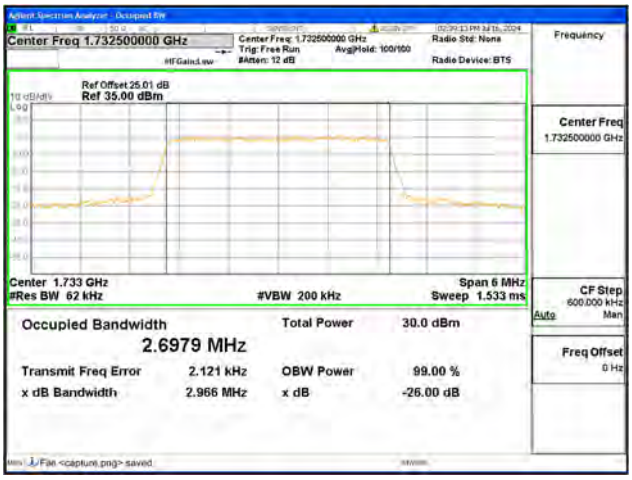
B4 / 3MHz / QPSK/ Low CH



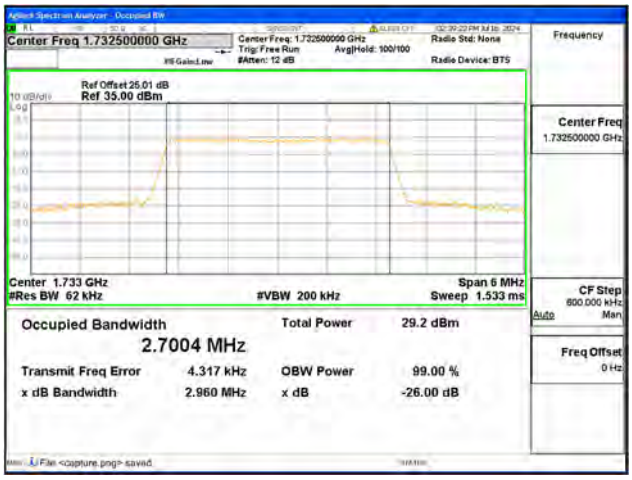
B4 / 3MHz / 16QAM/ Low CH



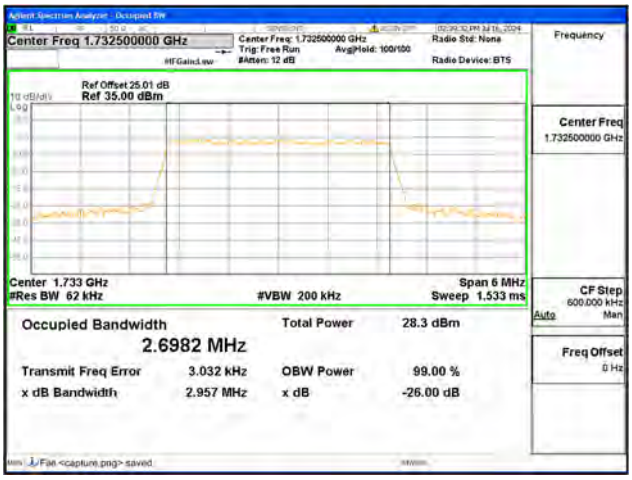
B4 / 3MHz / 64QAM/ Low CH



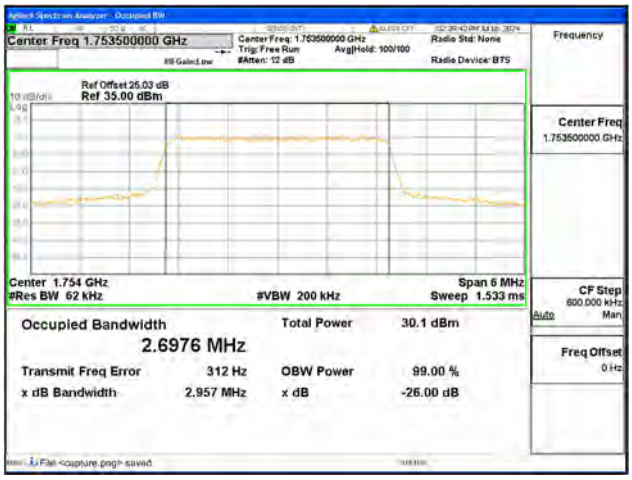
B4 / 3MHz / QPSK/ Mid CH



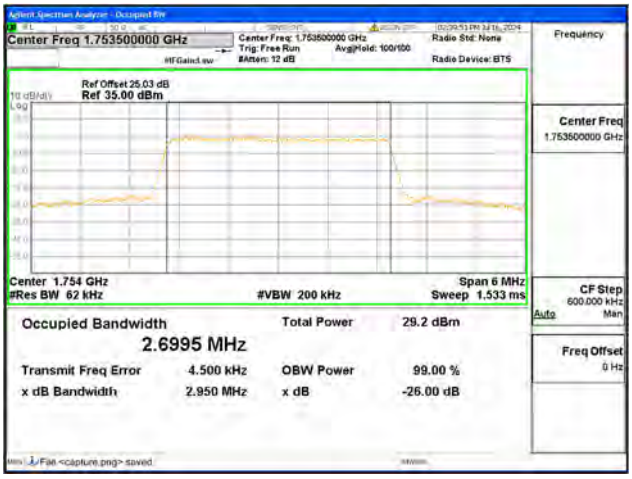
B4 / 3MHz / 16QAM/ Mid CH



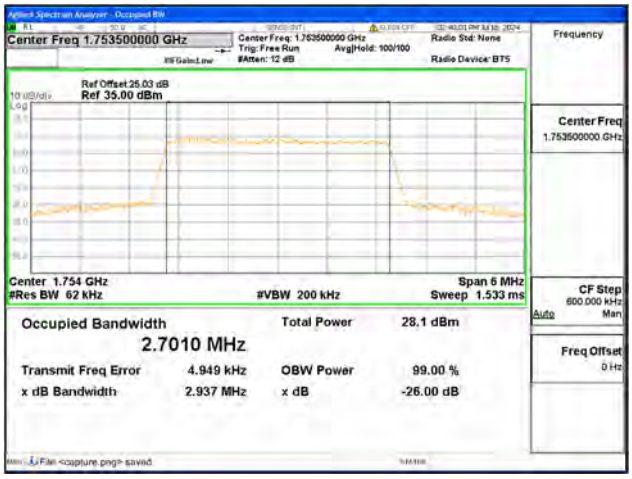
B4 / 3MHz / 64QAM/ Mid CH



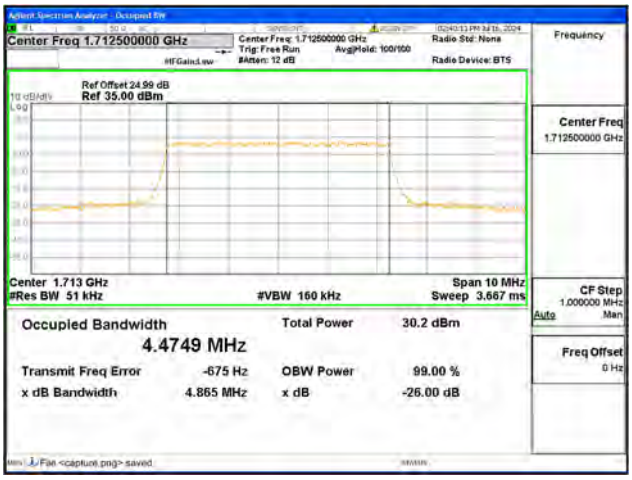
B4 / 3MHz / QPSK/ High CH



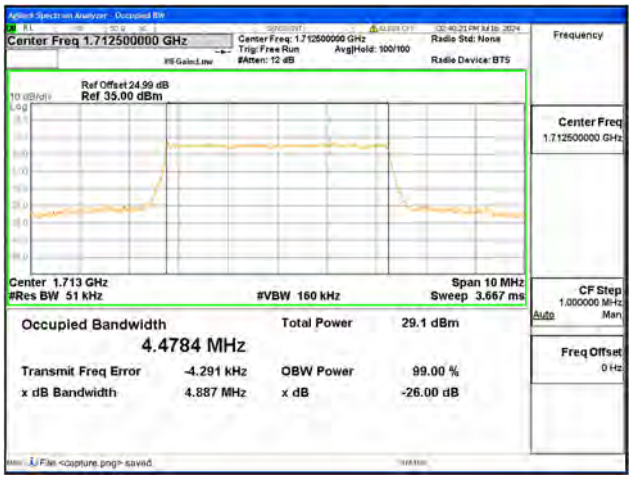
B4 / 3MHz / 16QAM/ High CH



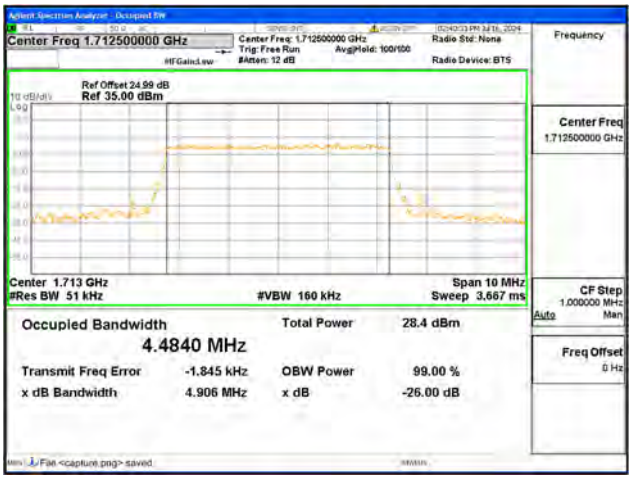
B4 / 3MHz / 64QAM/ High CH



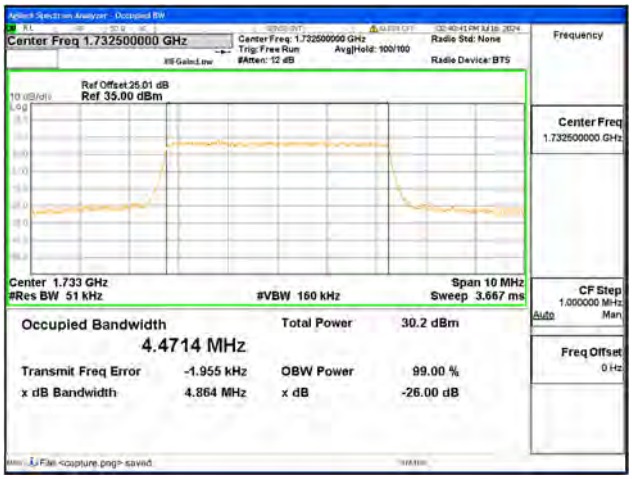
B4 / 5MHz / QPSK/ Low CH



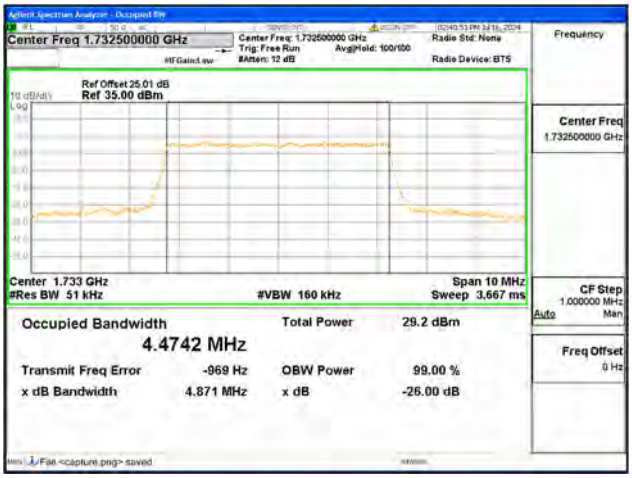
B4 / 5MHz / 16QAM/ Low CH



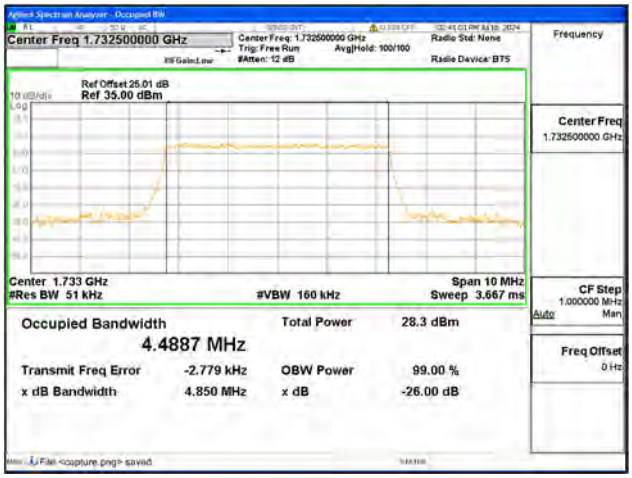
B4 / 5MHz / 64QAM/ Low CH



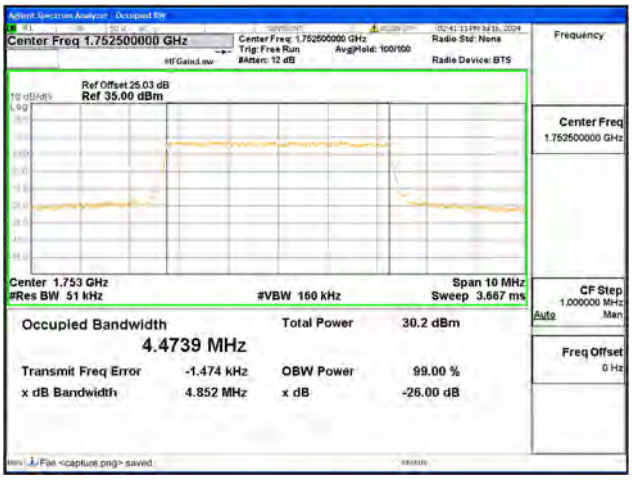
B4 / 5MHz / QPSK/ Mid CH



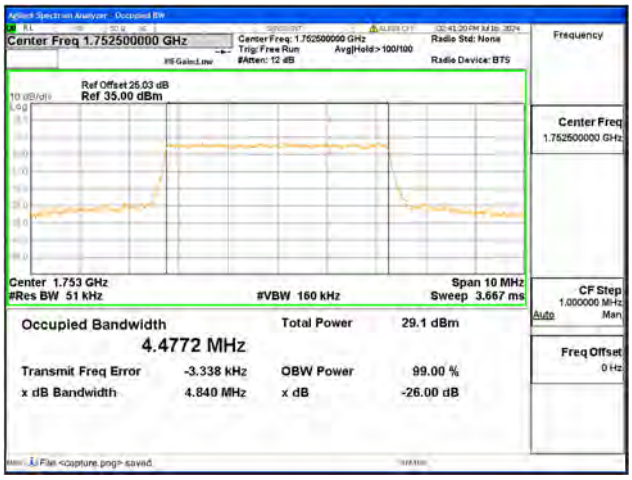
B4 / 5MHz / 16QAM/ Mid CH



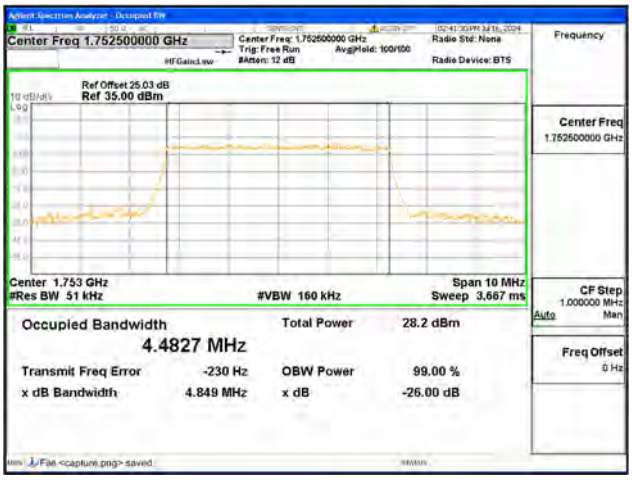
B4 / 5MHz / 64QAM/ Mid CH



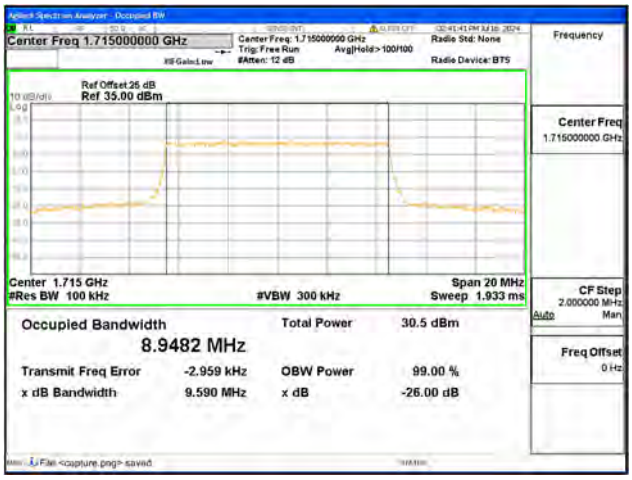
B4 / 5MHz / QPSK/ High CH



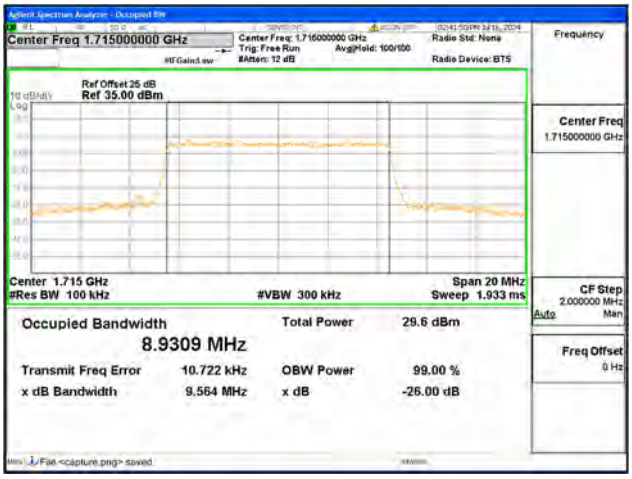
B4 / 5MHz / 16QAM/ High CH



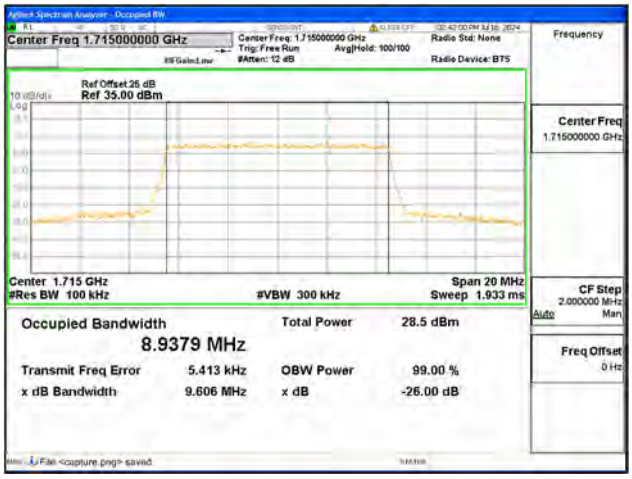
B4 / 5MHz / 64QAM/ High CH



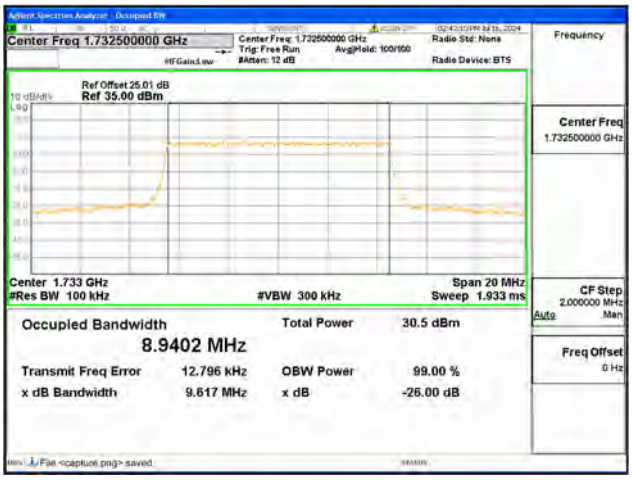
B4 / 10MHz / QPSK/ Low CH



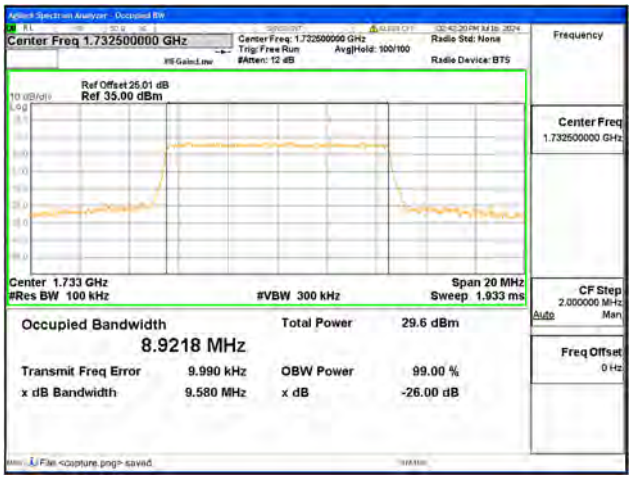
B4 / 10MHz / 16QAM/ Low CH



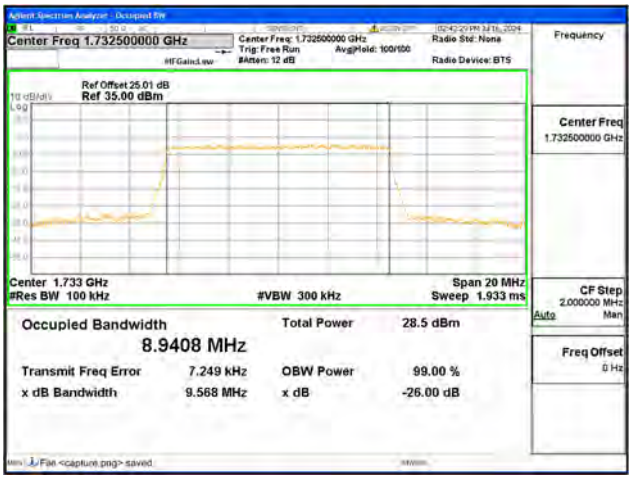
B4 / 10MHz / 64QAM/ Low CH



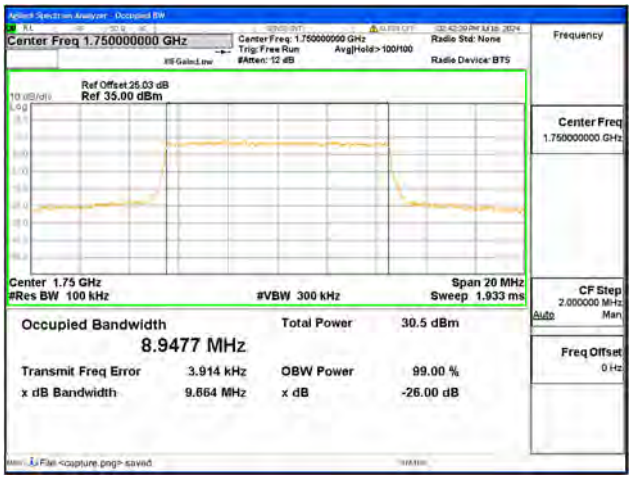
B4 / 10MHz / QPSK/ Mid CH



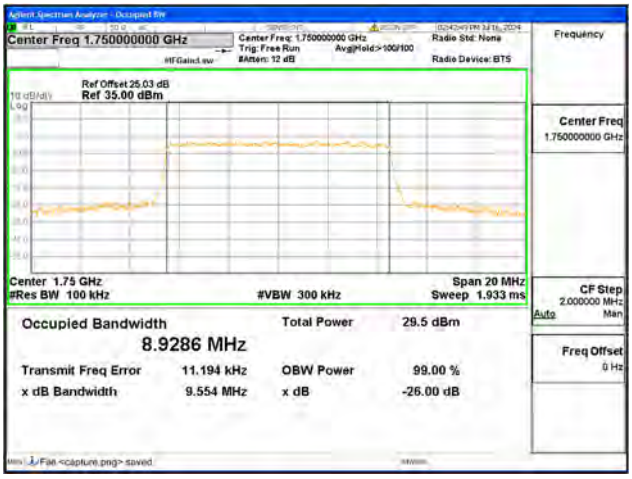
B4 / 10MHz / 16QAM/ Mid CH



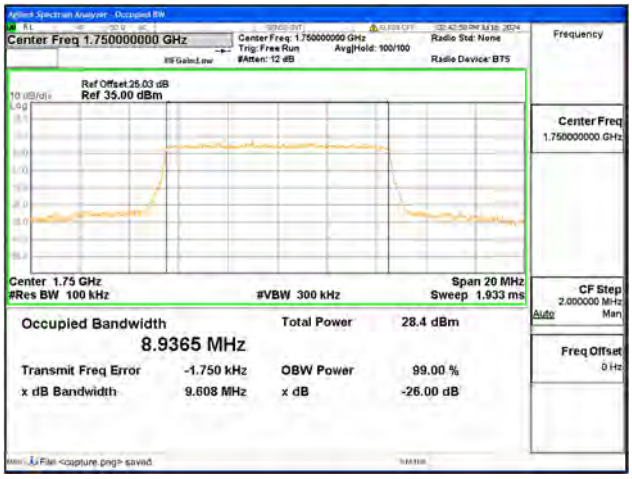
B4 / 10MHz / 64QAM/ Mid CH



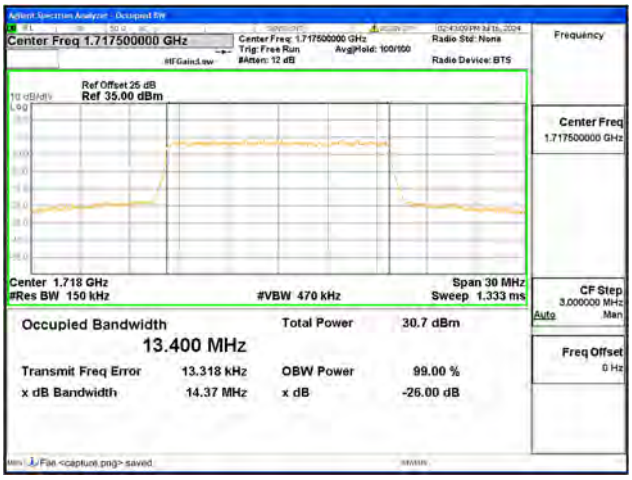
B4 / 10MHz / QPSK/ High CH



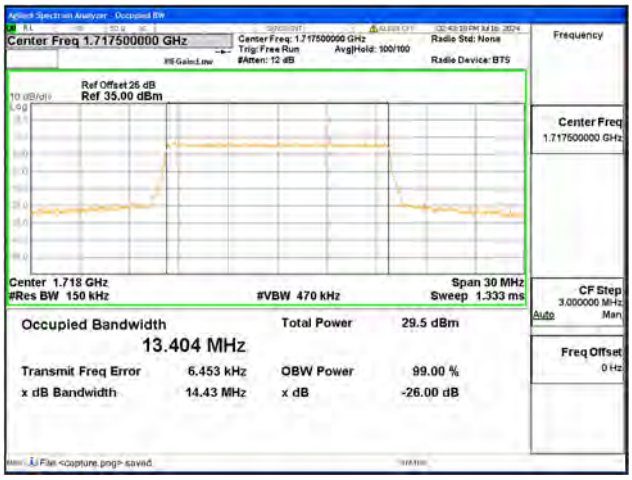
B4 / 10MHz / 16QAM/ High CH



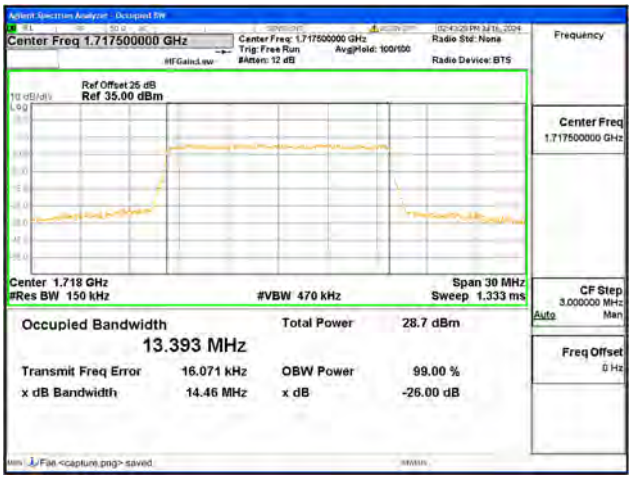
B4 / 10MHz / 64QAM/ High CH



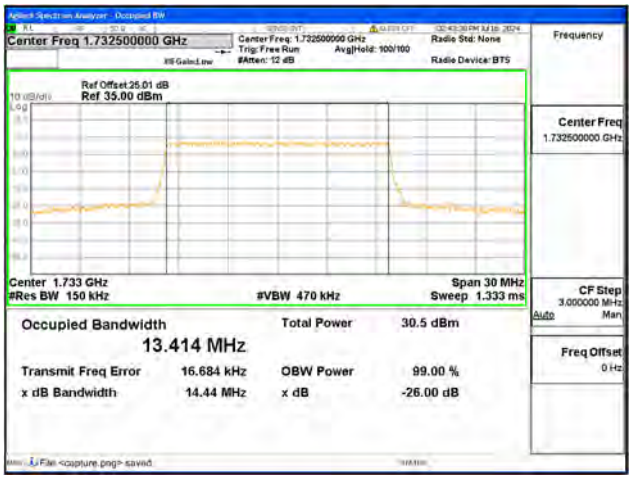
B4 / 15MHz / QPSK/ Low CH



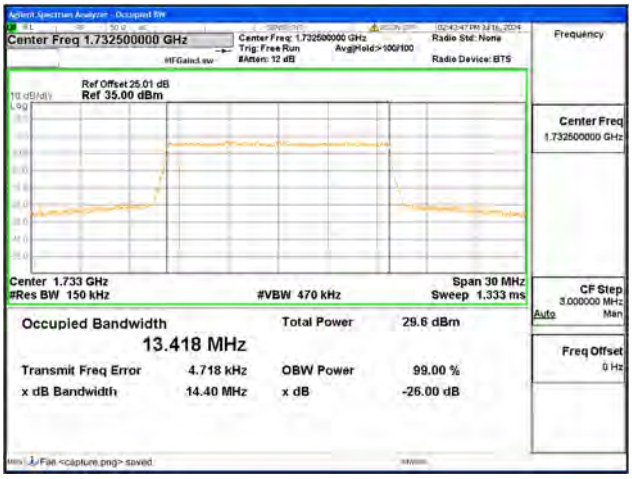
B4 / 15MHz / 16QAM/ Low CH



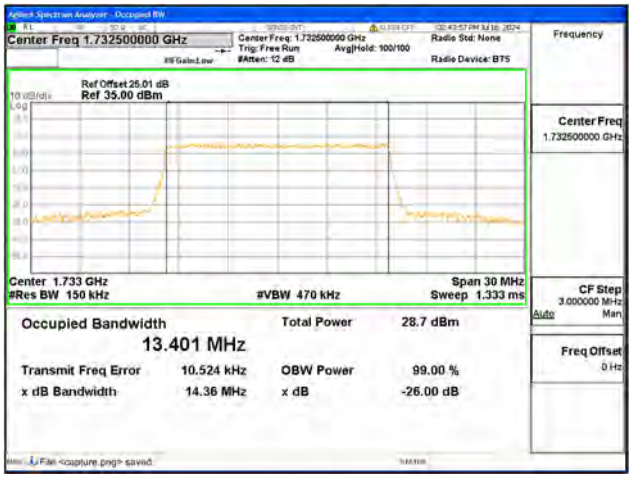
B4 / 15MHz / 64QAM/ Low CH



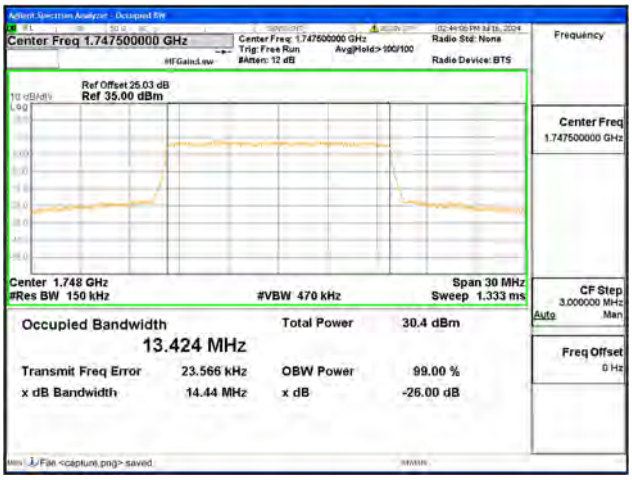
B4 / 15MHz / QPSK/ Mid CH



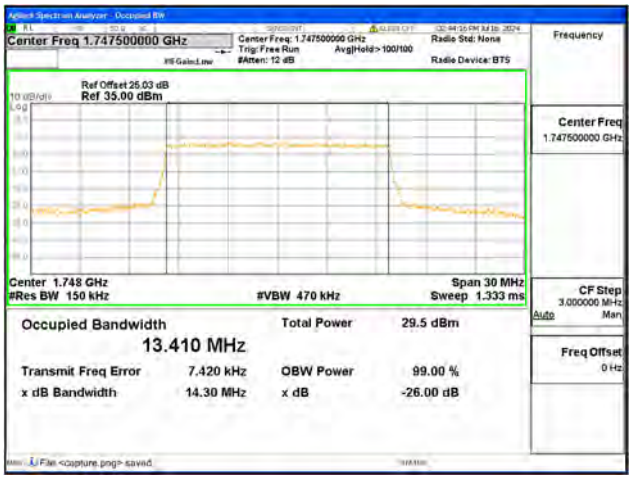
B4 / 15MHz / 16QAM/ Mid CH



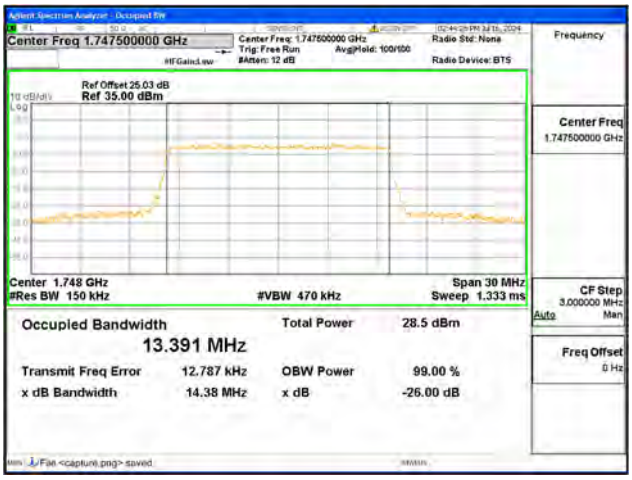
B4 / 15MHz / 64QAM/ Mid CH



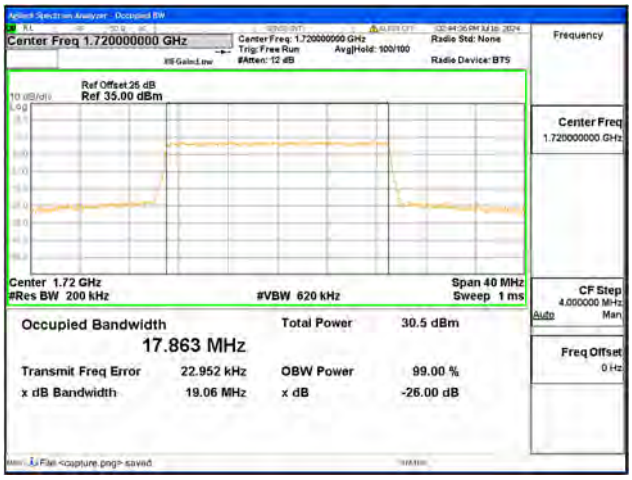
B4 / 15MHz / QPSK/ High CH



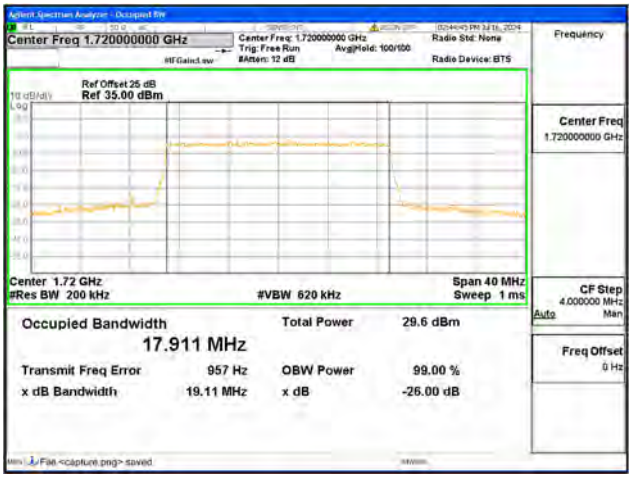
B4 / 15MHz / 16QAM/ High CH



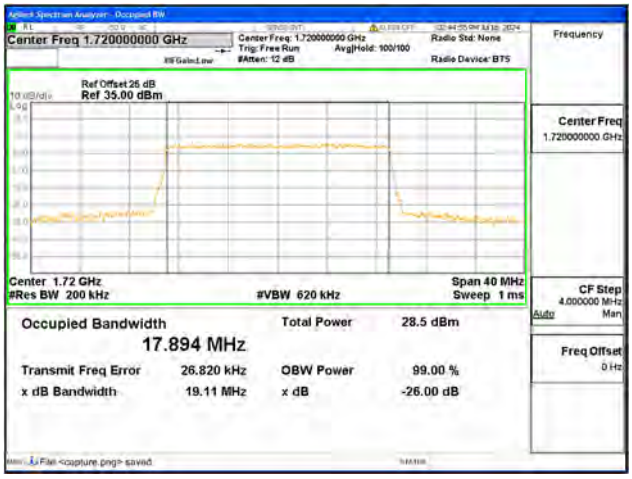
B4 / 15MHz / 64QAM/ High CH



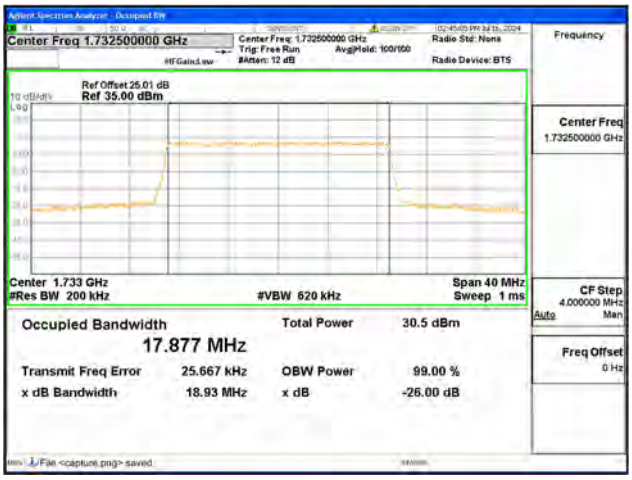
B4 / 20MHz / QPSK/ Low CH



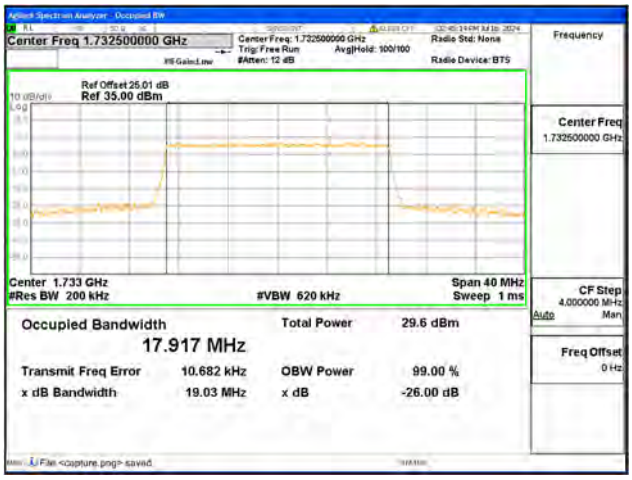
B4 / 20MHz / 16QAM/ Low CH



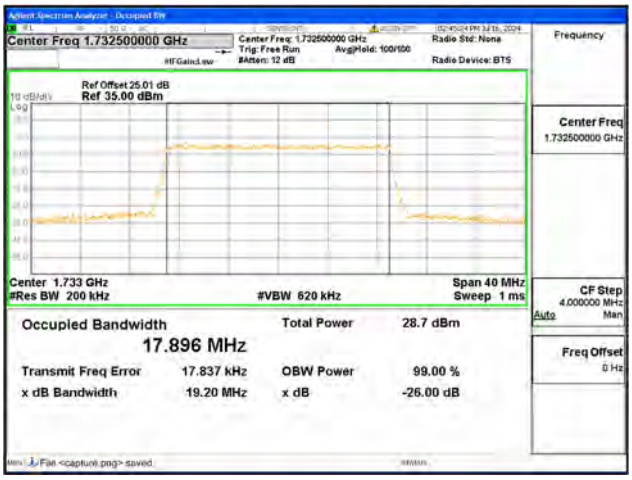
B4 / 20MHz / 64QAM/ Low CH



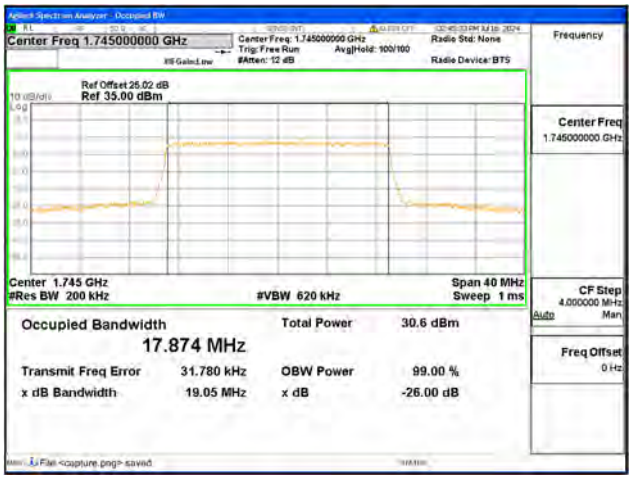
B4 / 20MHz / QPSK/ Mid CH



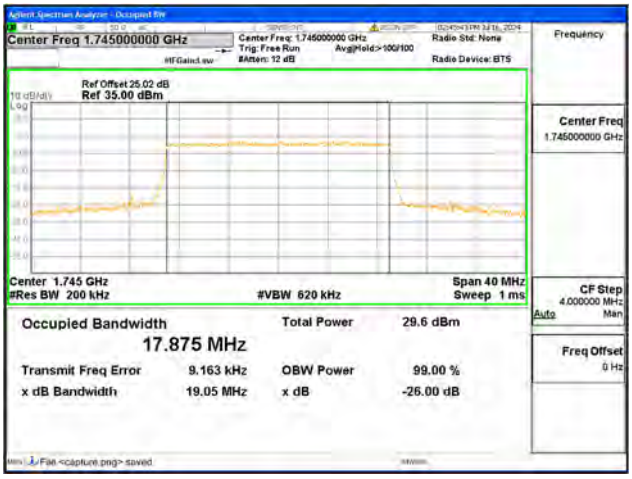
B4 / 20MHz / 16QAM/ Mid CH



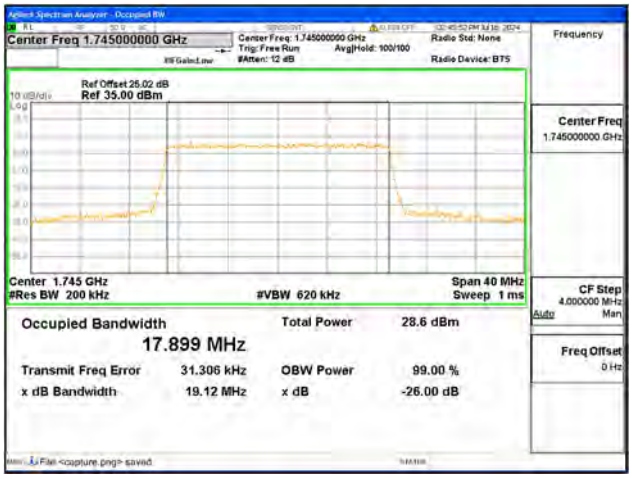
B4 / 20MHz / 64QAM/ Mid CH



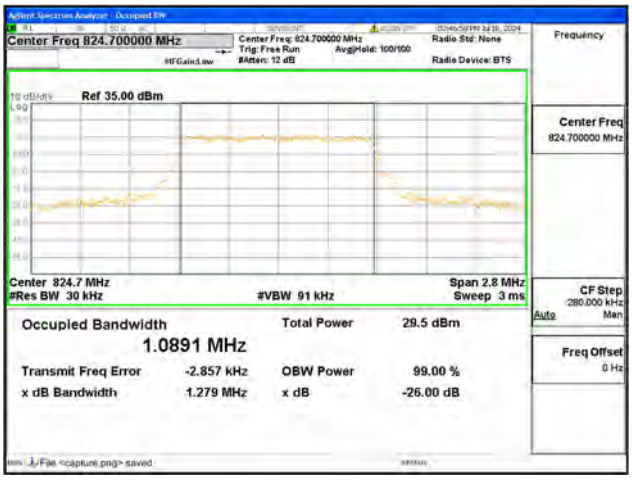
B4 / 20MHz / QPSK/ High CH



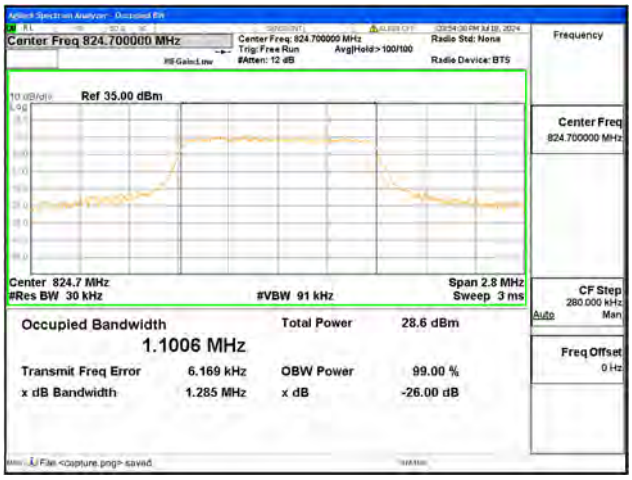
B4 / 20MHz / 16QAM/ High CH



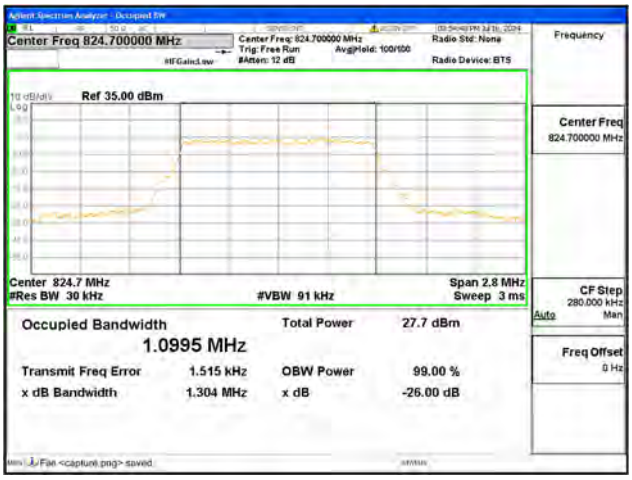
B4 / 20MHz / 64QAM/ High CH



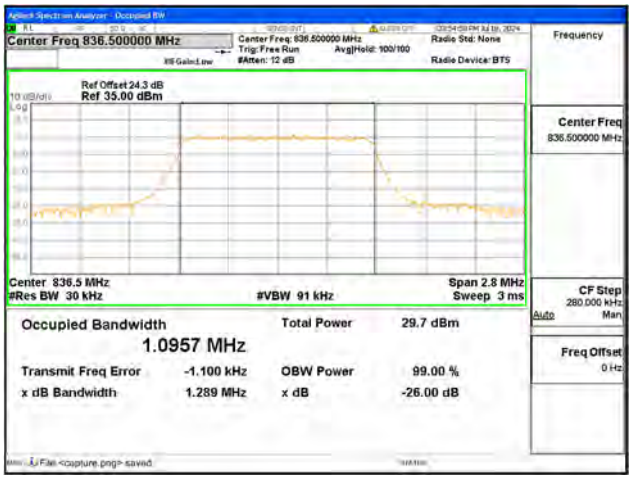
B5 / 1.4MHz / QPSK/ Low CH



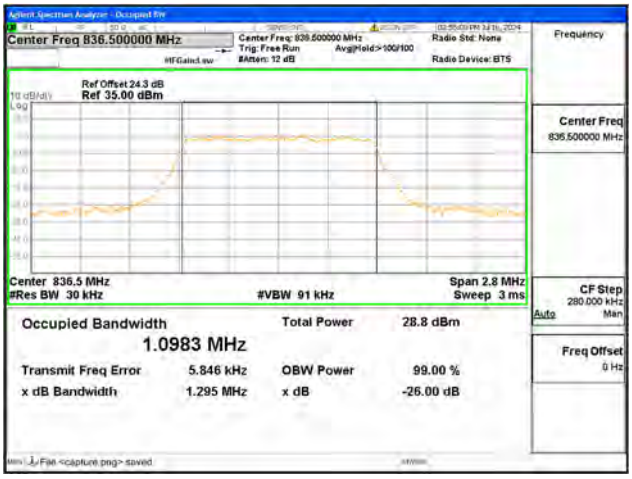
B5 / 1.4MHz / 16QAM/ Low CH



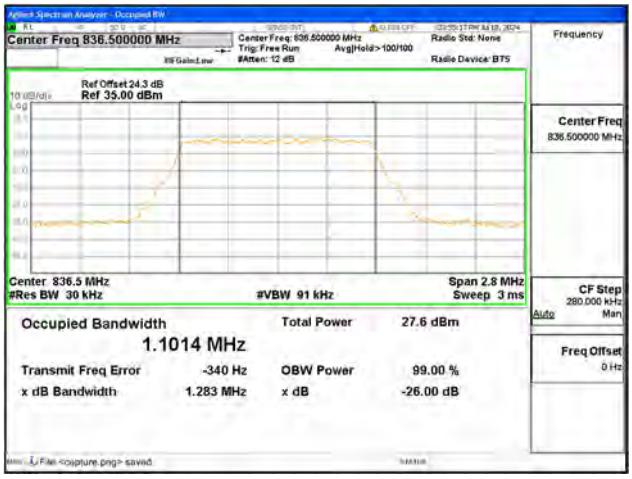
B5 / 1.4MHz / 64QAM/ Low CH



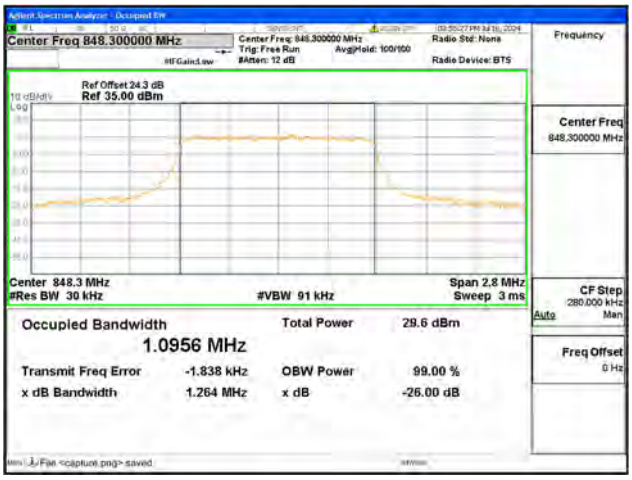
B5 / 1.4MHz / QPSK/ Mid CH



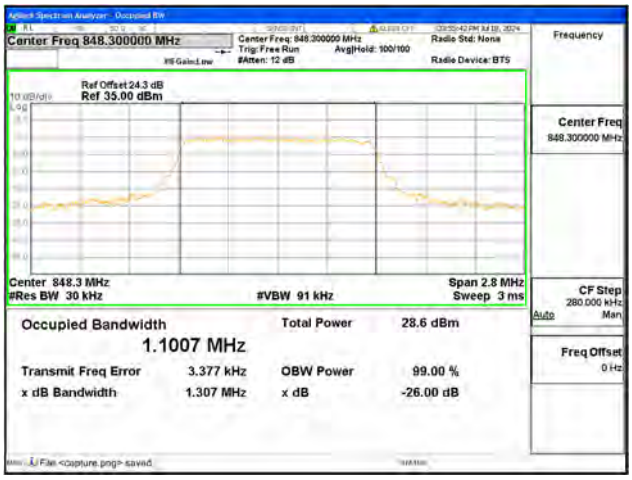
B5 / 1.4MHz / 16QAM/ Mid CH



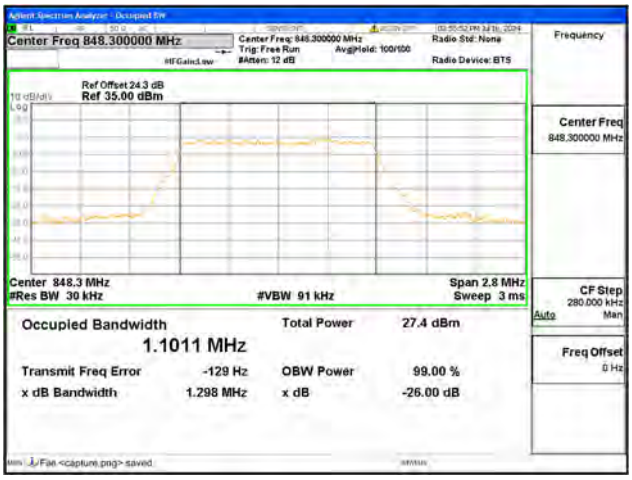
B5 / 1.4MHz / 64QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH

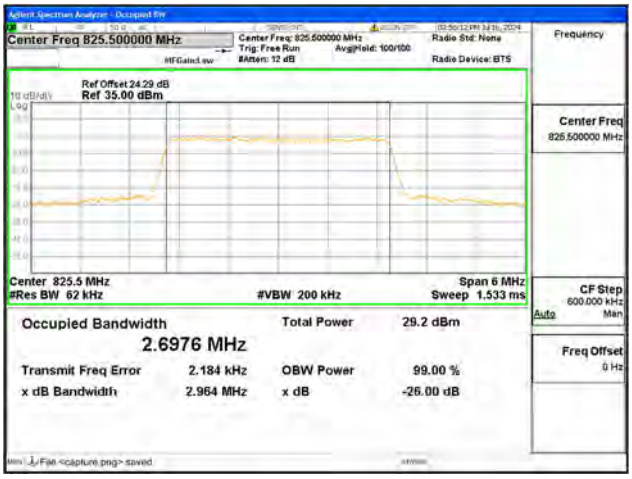


B5 / 1.4MHz / 16QAM/ High CH

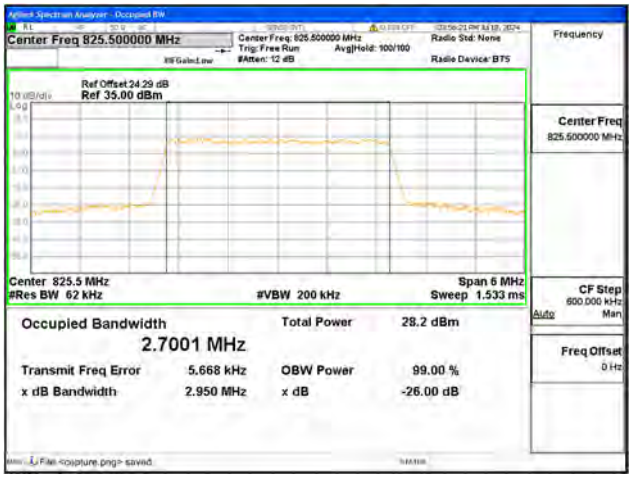


B5 / 1.4MHz / 64QAM/ High CH

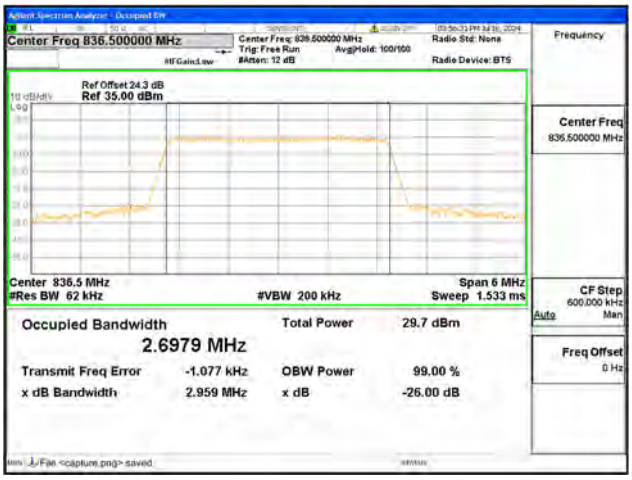
B5 / 3MHz / QPSK/ Low CH



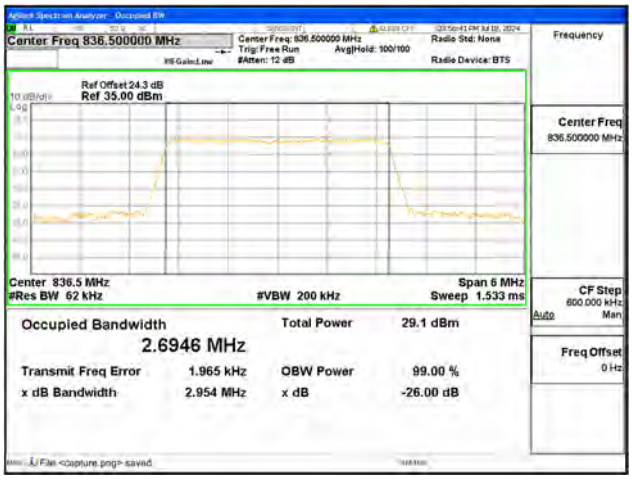
B5 / 3MHz / 16QAM/ Low CH



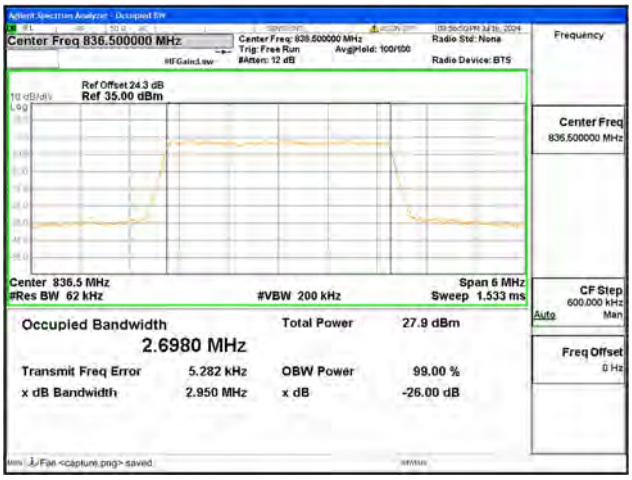
B5 / 3MHz / 64QAM/ Low CH



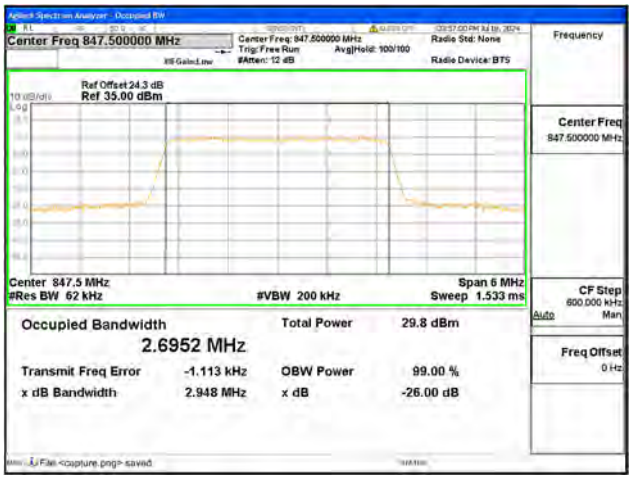
B5 / 3MHz / QPSK/ Mid CH



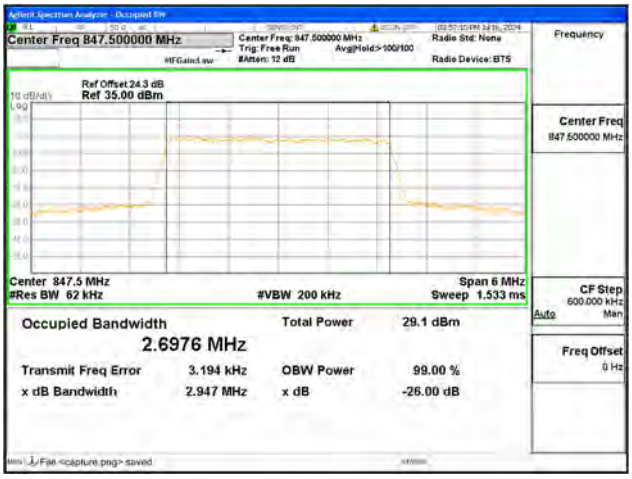
B5 / 3MHz / 16QAM/ Mid CH



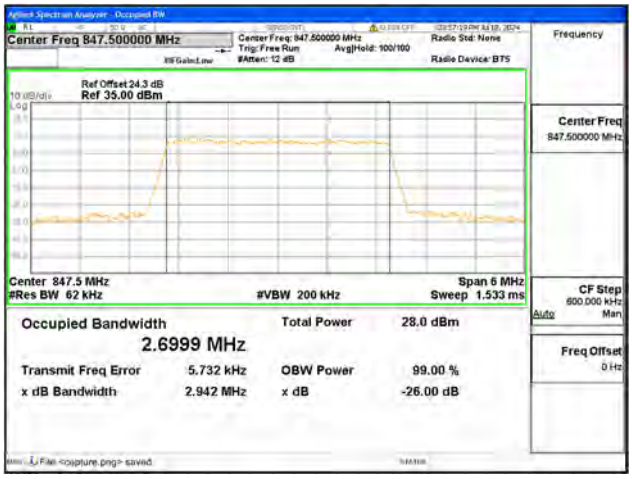
B5 / 3MHz / 64QAM/ Mid CH



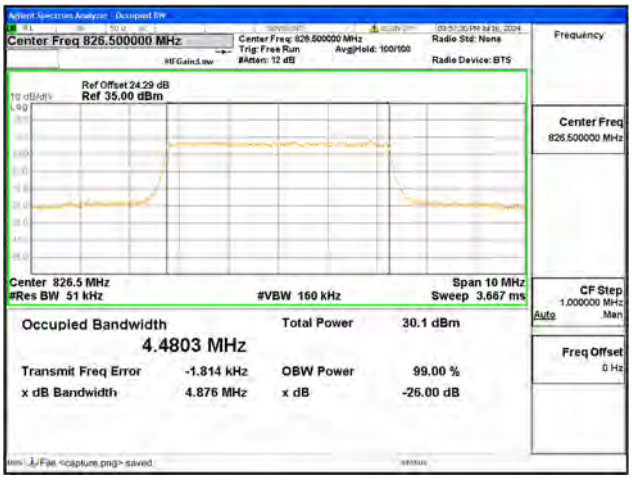
B5 / 3MHz / QPSK/ High CH



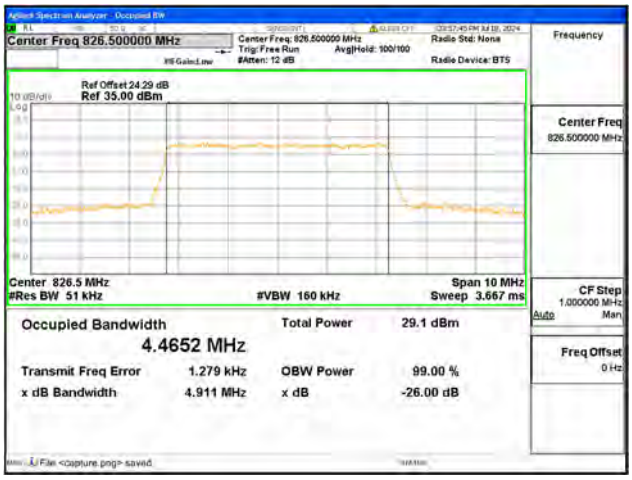
B5 / 3MHz / 16QAM/ High CH



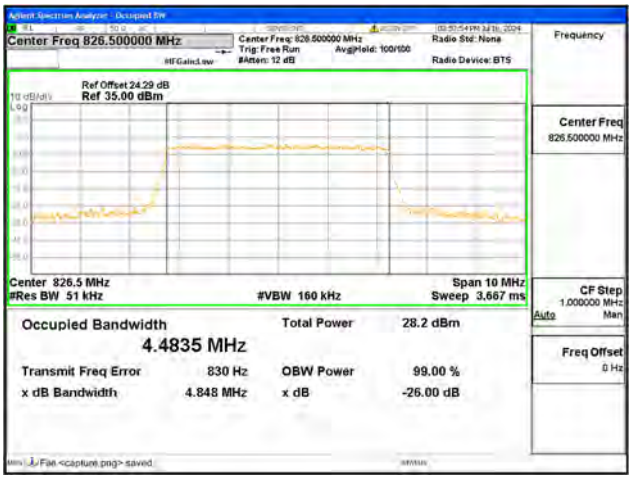
B5 / 3MHz / 64QAM/ High CH



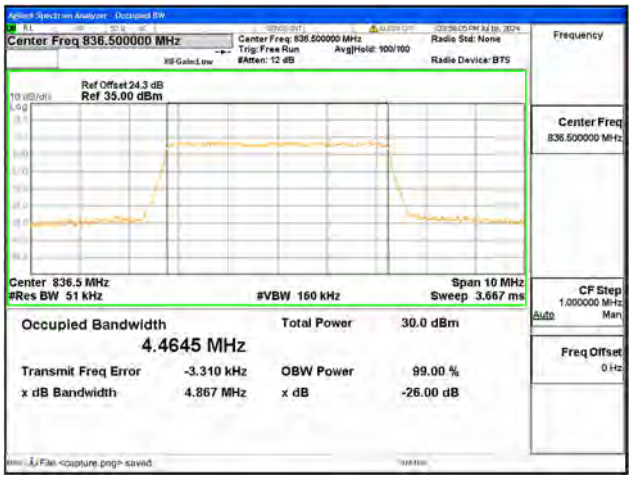
B5 / 5MHz / QPSK/ Low CH



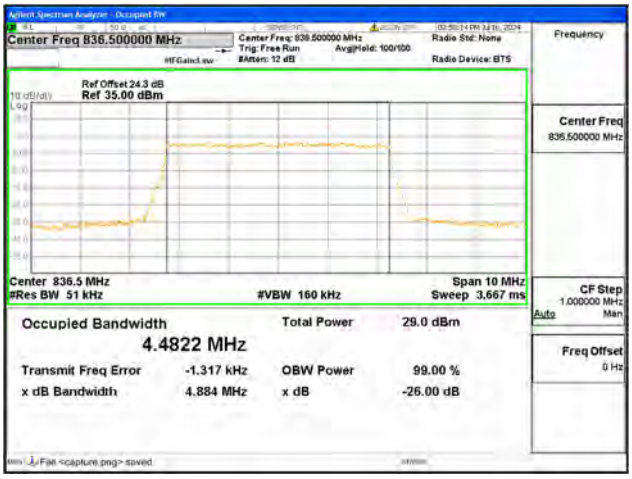
B5 / 5MHz / 16QAM/ Low CH



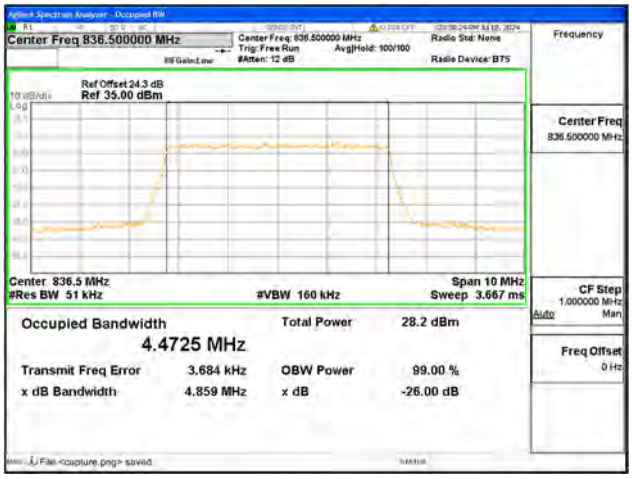
B5 / 5MHz / 64QAM/ Low CH



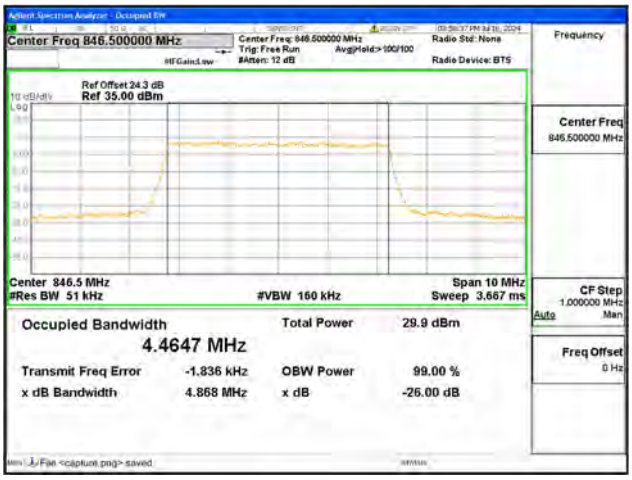
B5 / 5MHz / QPSK/ Mid CH



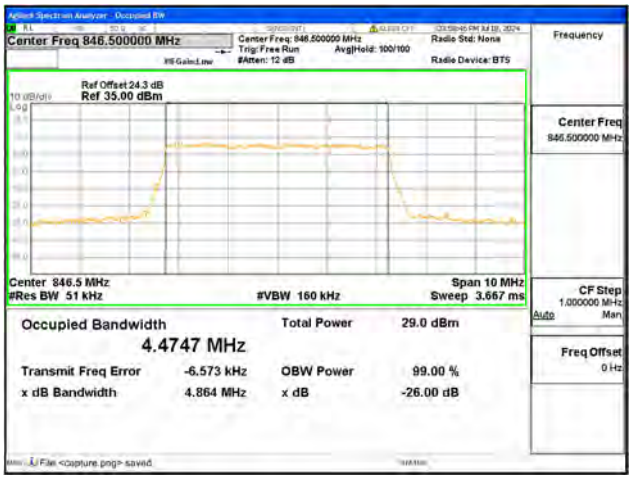
B5 / 5MHz / 16QAM/ Mid CH



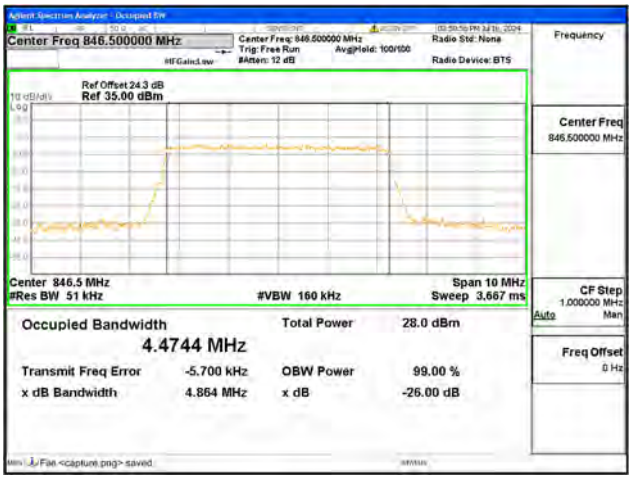
B5 / 5MHz / 64QAM/ Mid CH



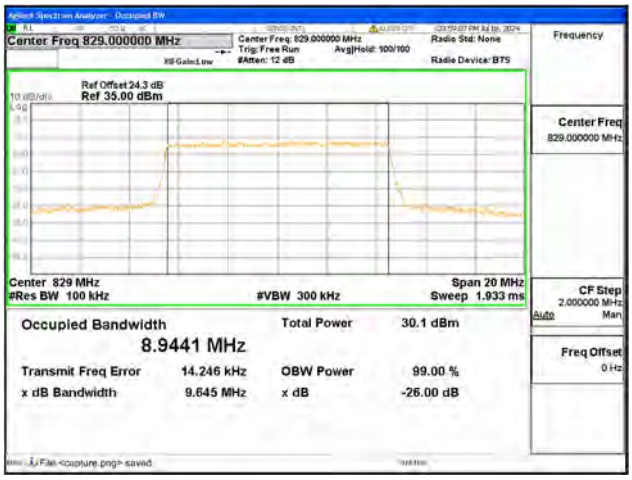
B5 / 5MHz / QPSK/ High CH



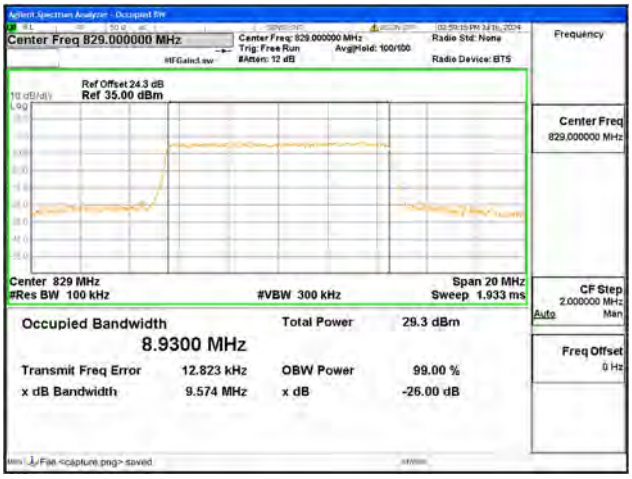
B5 / 5MHz / 16QAM/ High CH



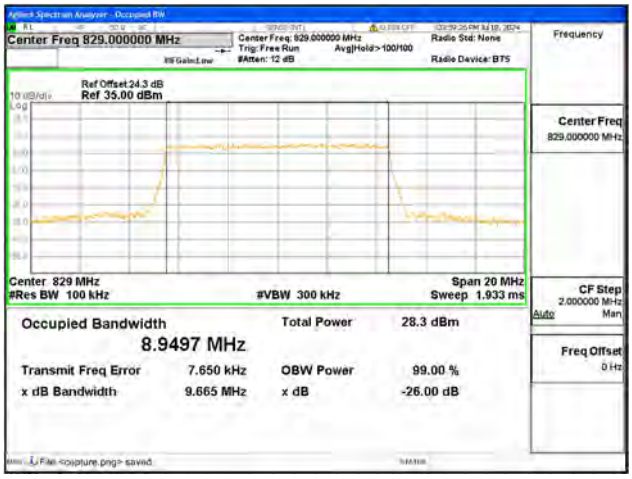
B5 / 5MHz / 64QAM/ High CH



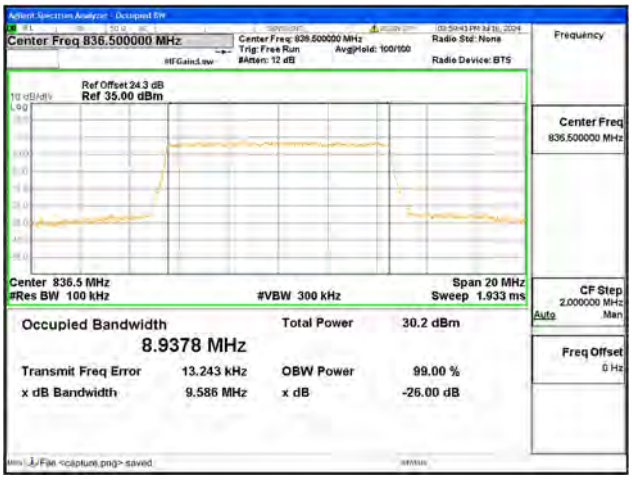
B5 / 10MHz / QPSK/ Low CH



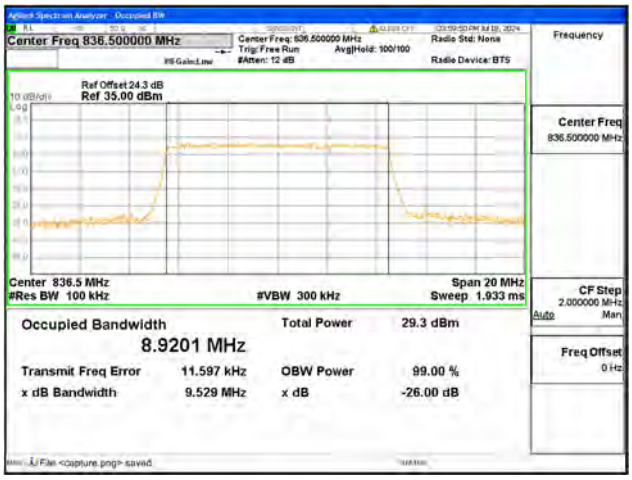
B5 / 10MHz / 16QAM/ Low CH



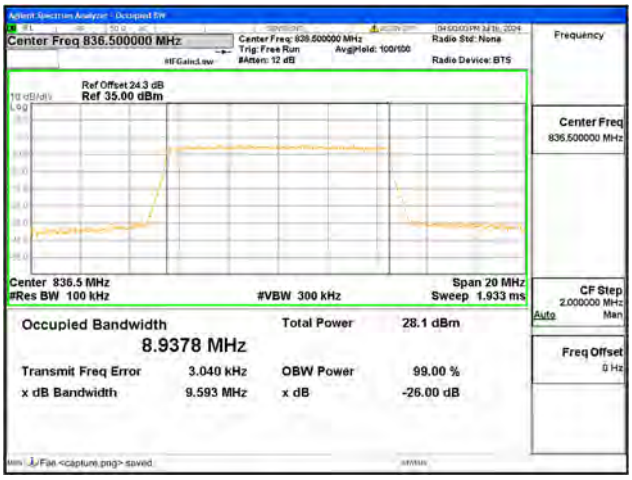
B5 / 10MHz / 64QAM/ Low CH



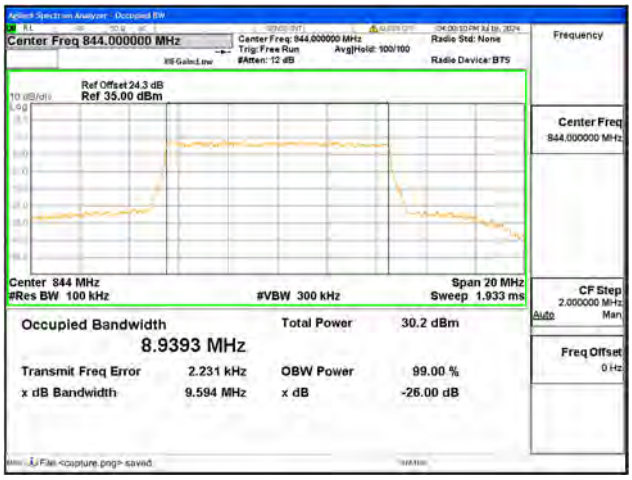
B5 / 10MHz / QPSK/ Mid CH



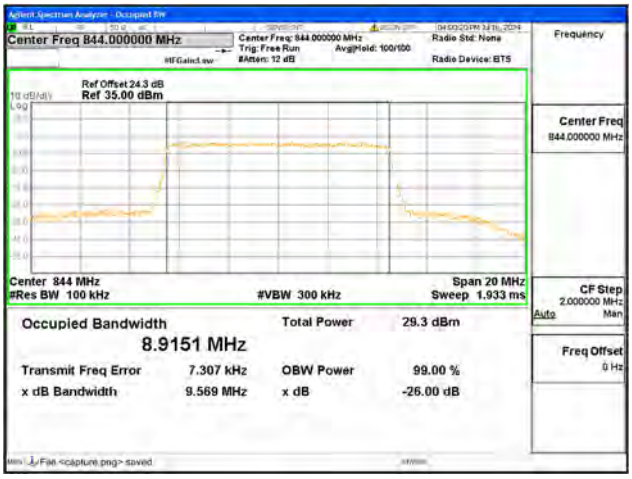
B5 / 10MHz / 16QAM/ Mid CH



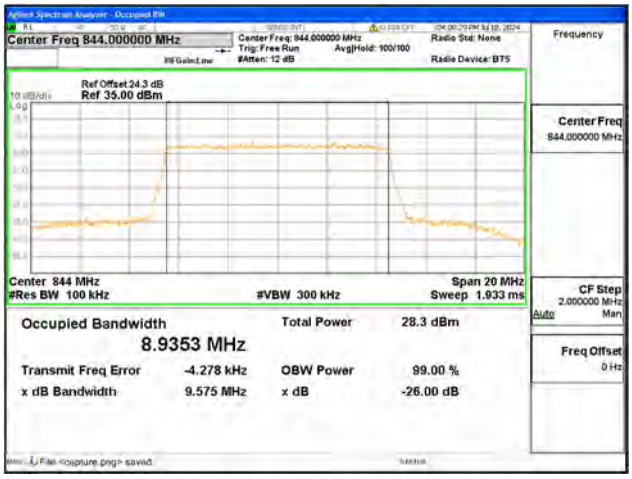
B5 / 10MHz / 64QAM/ Mid CH



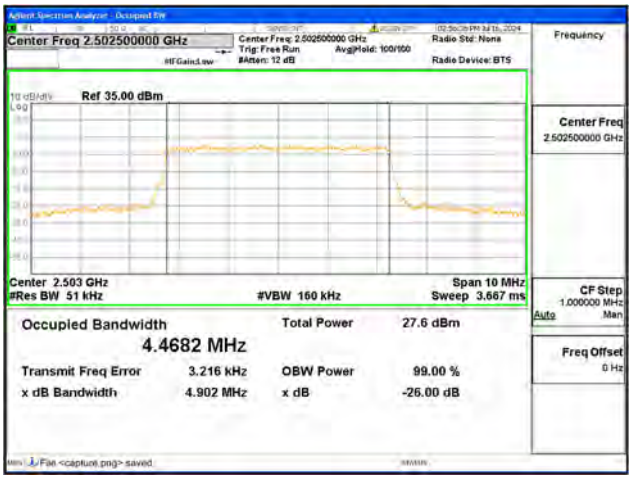
B5 / 10MHz / QPSK/ High CH



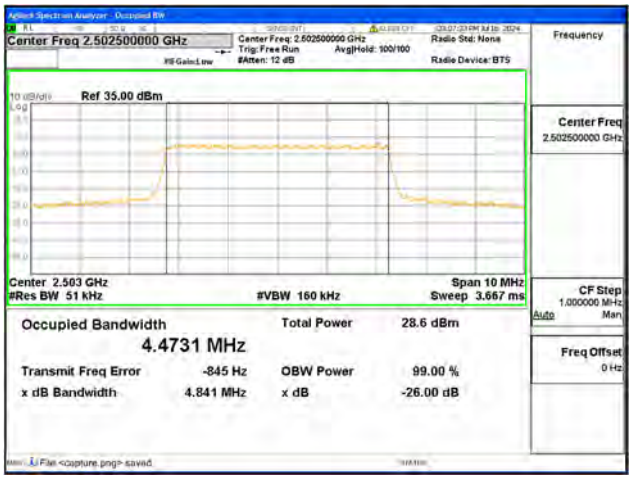
B5 / 10MHz / 16QAM/ High CH



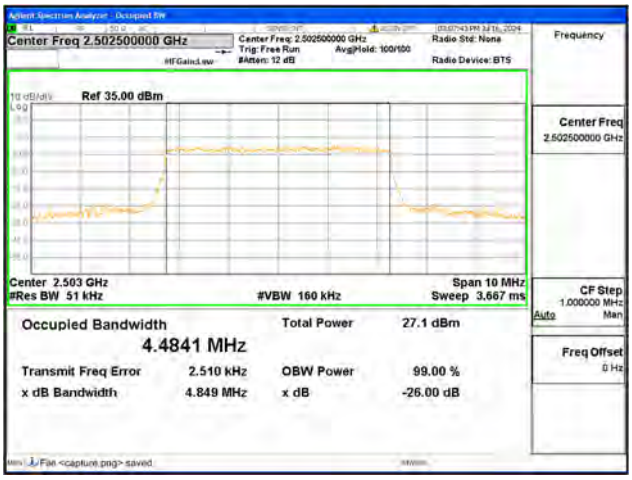
B5 / 10MHz / 64QAM/ High CH



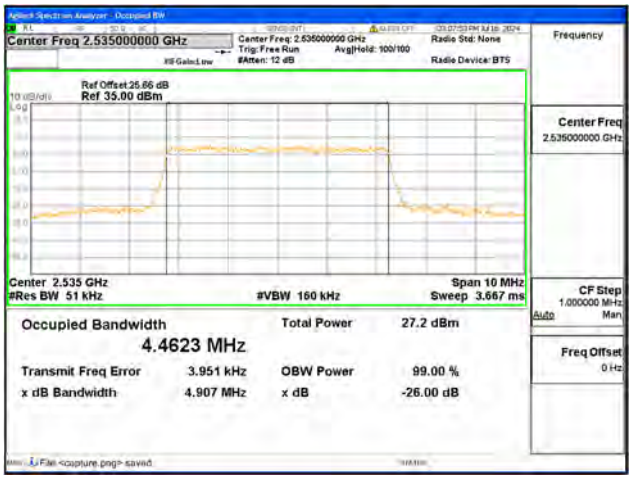
B7 / 5MHz / 16QAM/ Low CH



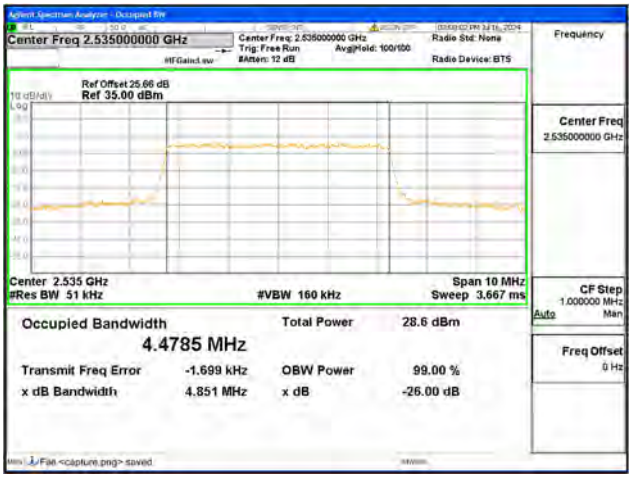
B7 / 5MHz / QPSK/ Low CH



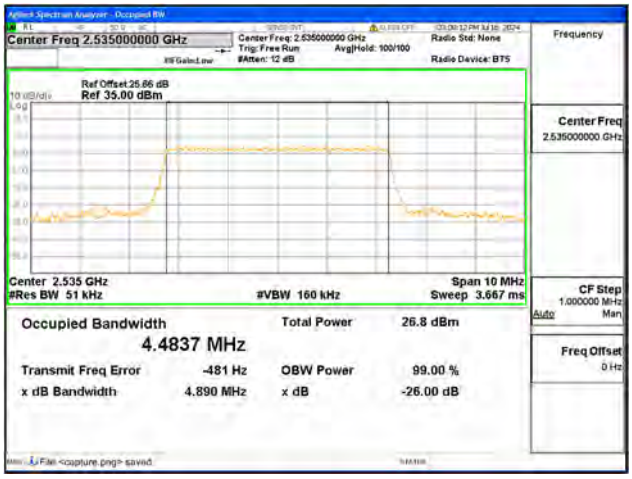
B7 / 5MHz / 64QAM/ Low CH



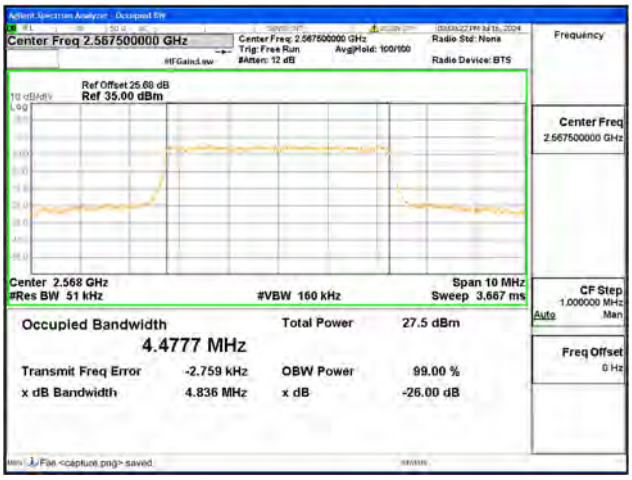
B7 / 5MHz / 16QAM/ Mid CH



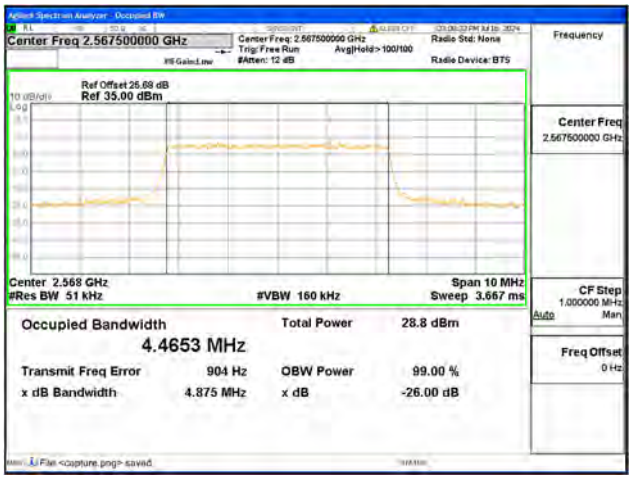
B7 / 5MHz / QPSK/ Mid CH



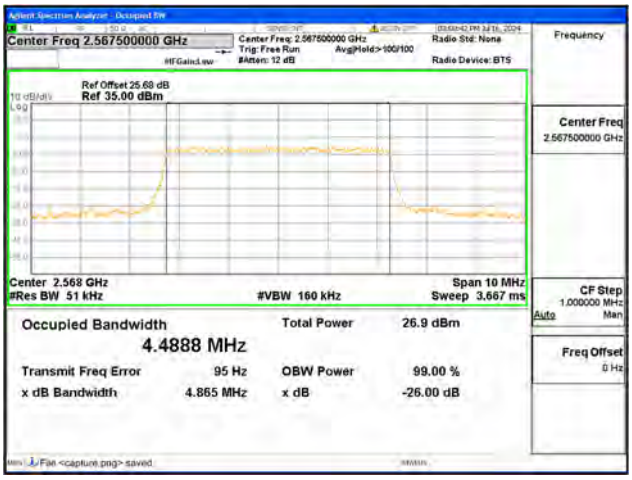
B7 / 5MHz / 64QAM/ Mid CH



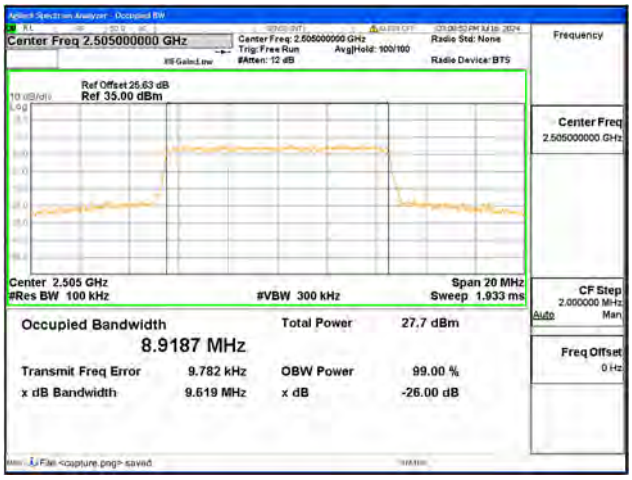
B7 / 5MHz / 16QAM/ High CH



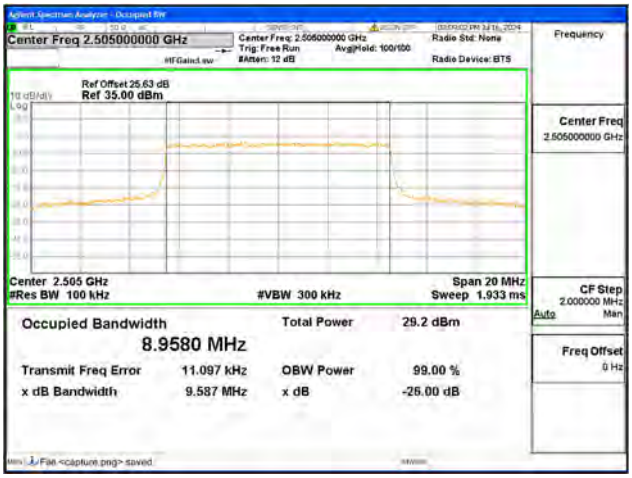
B7 / 5MHz / QPSK/ High CH



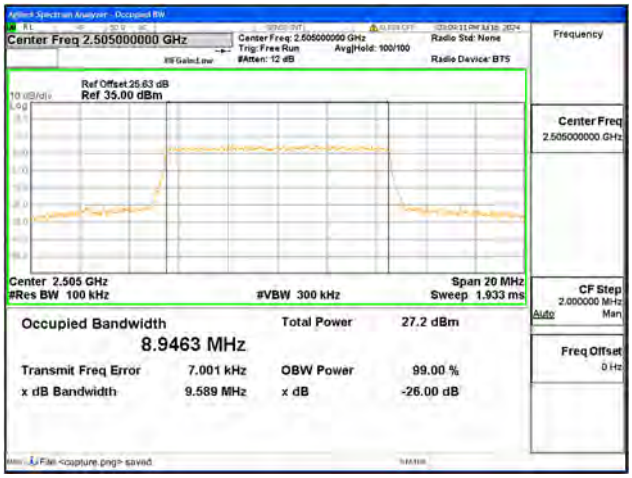
B7 / 5MHz / 64QAM/ High CH



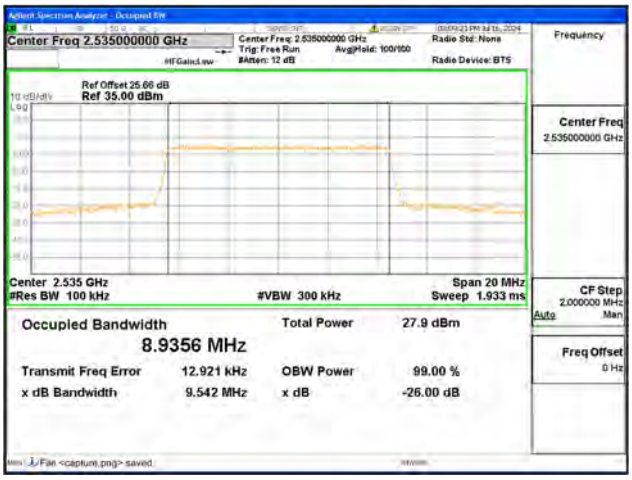
B7 / 10MHz / 16QAM/ Low CH



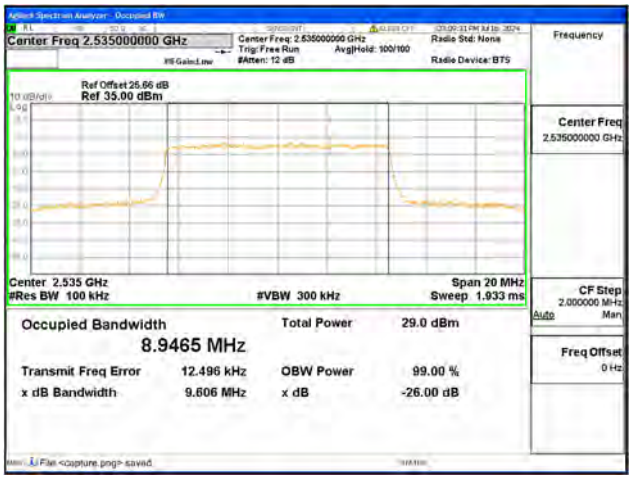
B7 / 10MHz / QPSK/ Low CH



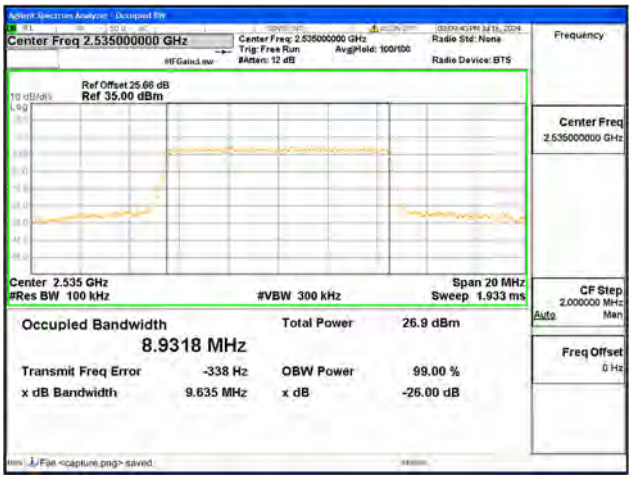
B7 / 10MHz / 64QAM/ Low CH



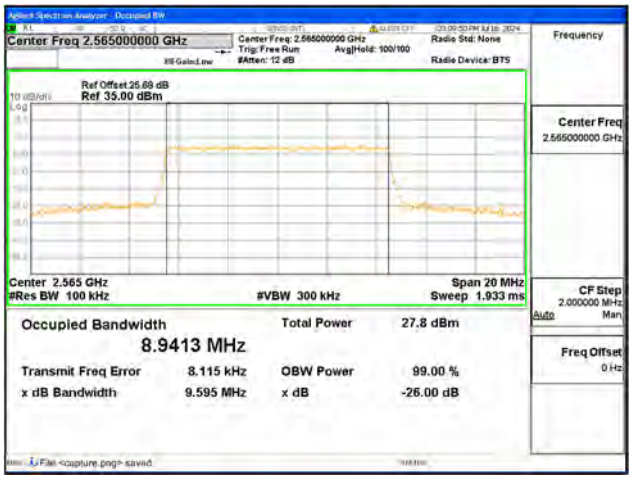
B7 / 10MHz / 16QAM/ Mid CH



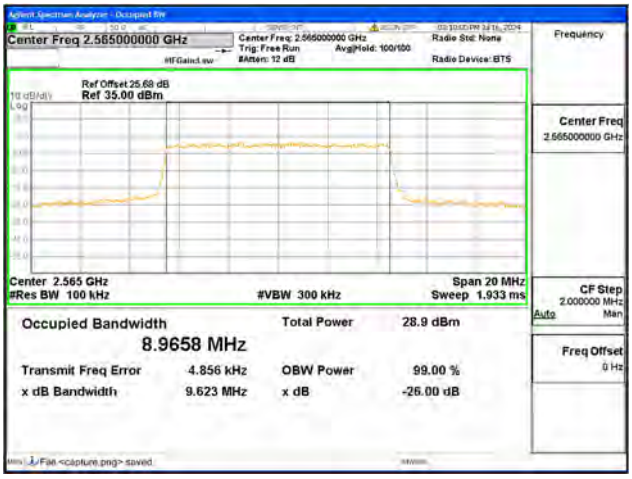
B7 / 10MHz / QPSK/ Mid CH



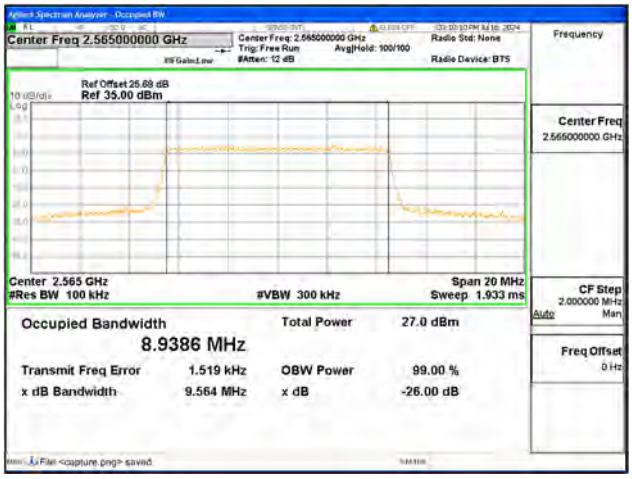
B7 / 10MHz / 64QAM/ Mid CH



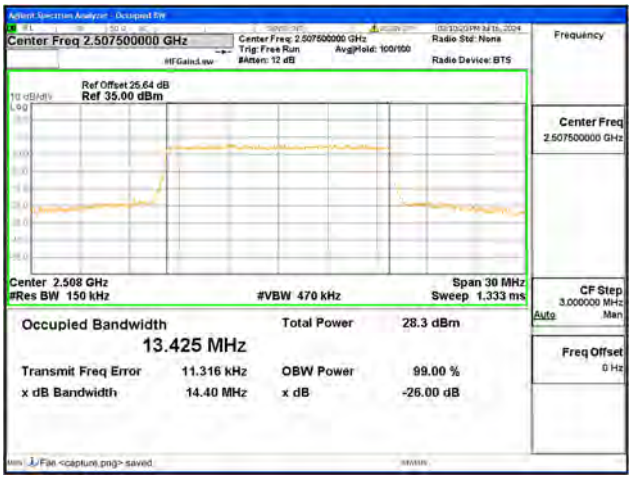
B7 / 10MHz / 16QAM/ High CH



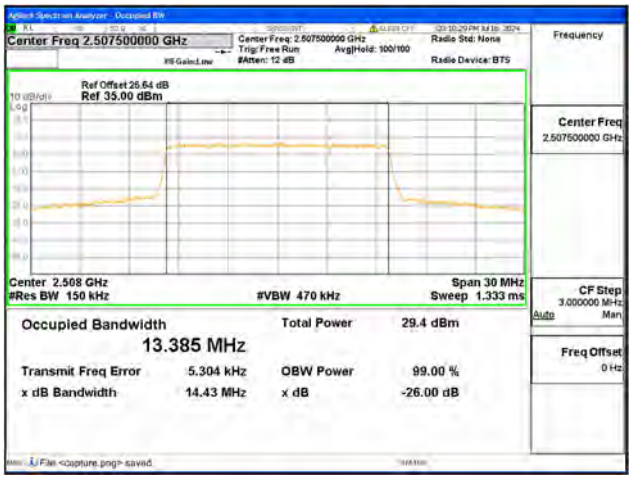
B7 / 10MHz / QPSK/ High CH



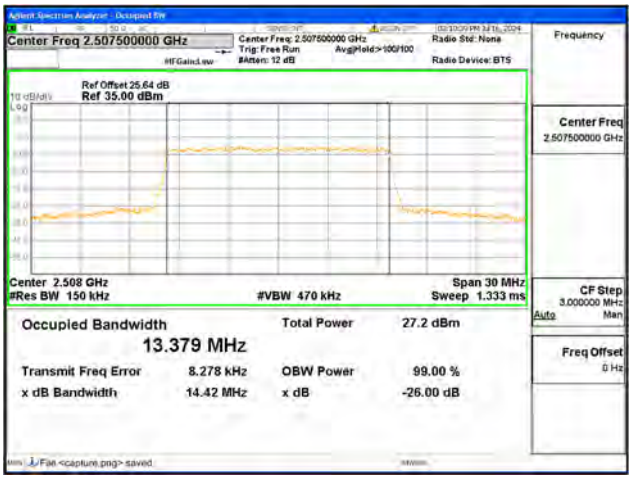
B7 / 10MHz / 64QAM/ High CH



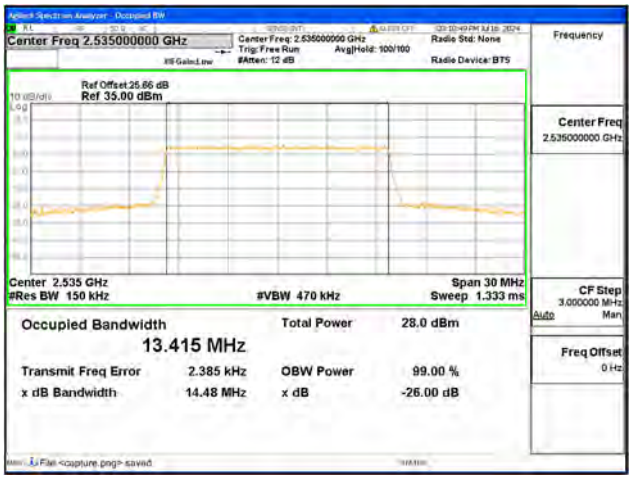
B7 / 15MHz / 16QAM/ Low CH



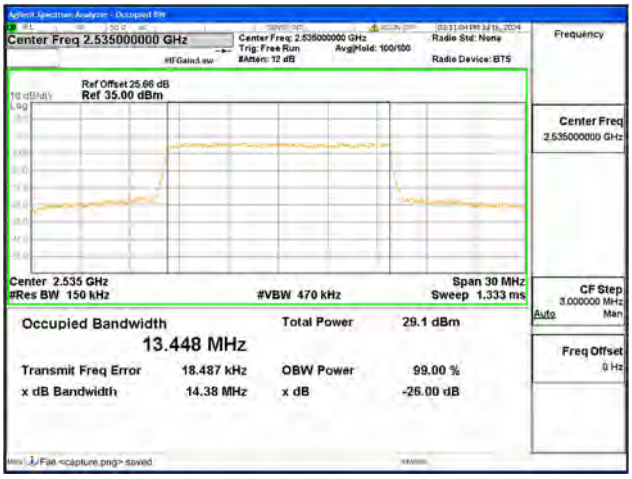
B7 / 15MHz / QPSK/ Low CH



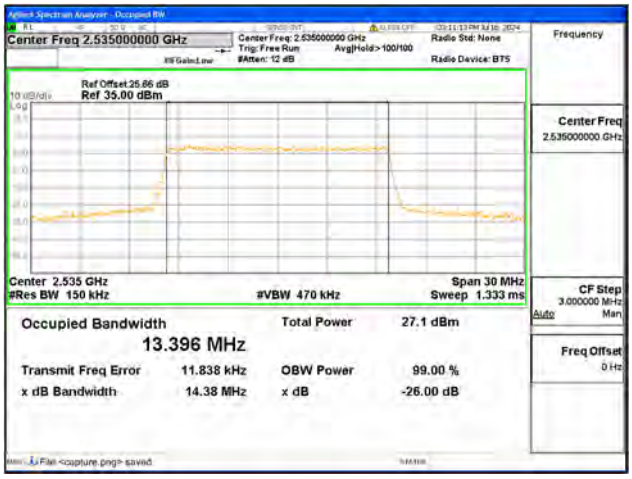
B7 / 15MHz / 64QAM/ Low CH



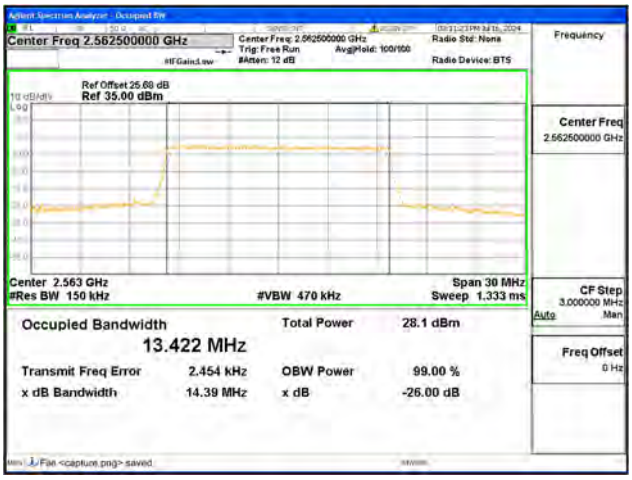
B7 / 15MHz / 16QAM/ Mid CH



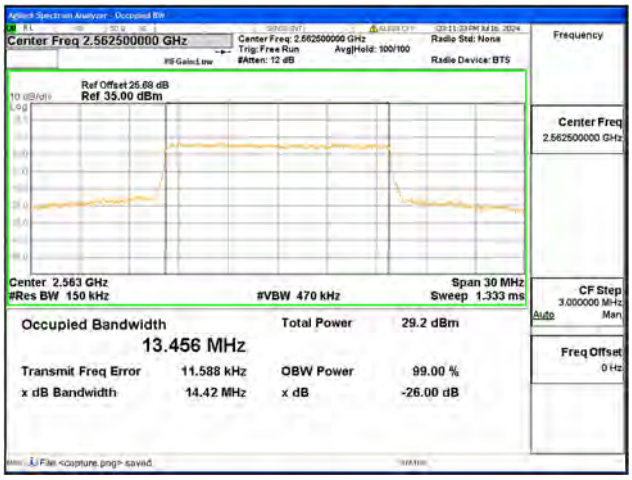
B7 / 15MHz / QPSK/ Mid CH



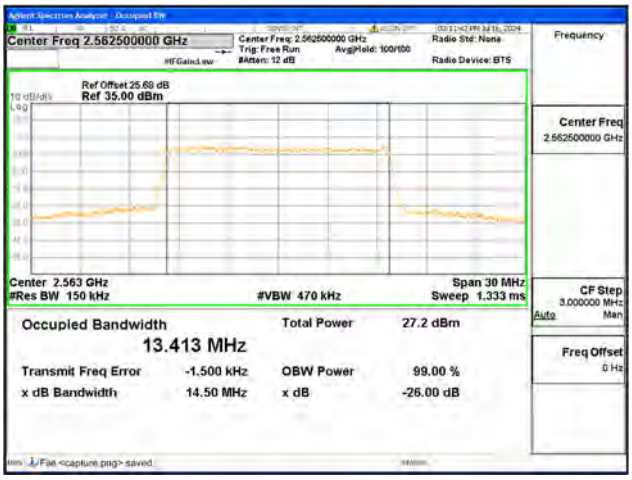
B7 / 15MHz / 64QAM/ Mid CH



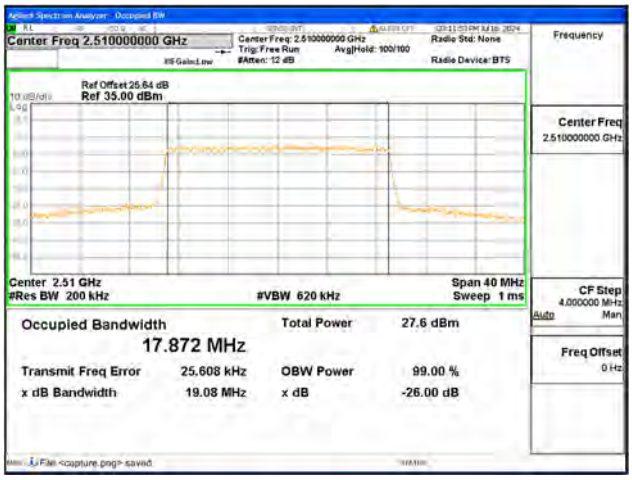
B7 / 15MHz / 16QAM/ High CH



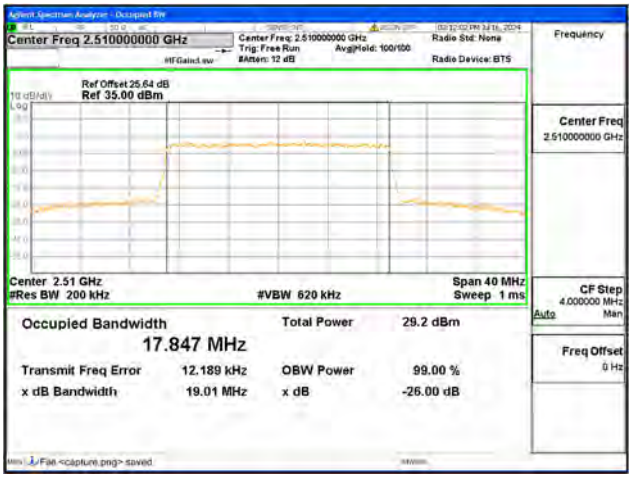
B7 / 15MHz / QPSK/ High CH



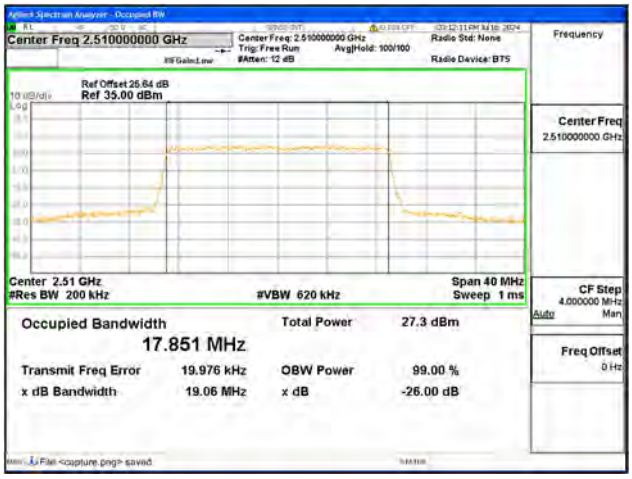
B7 / 15MHz / 64QAM/ High CH



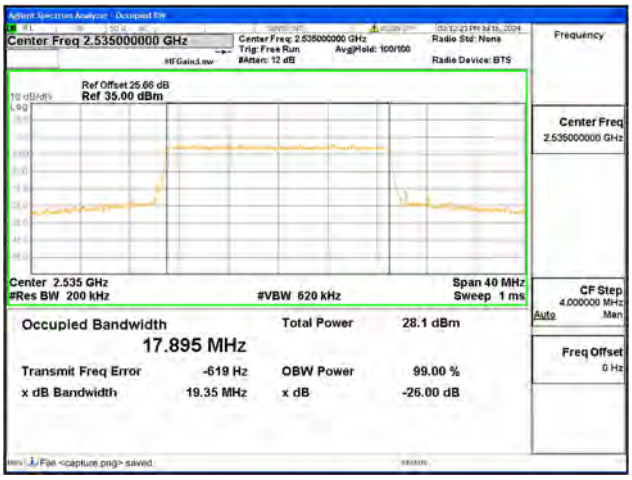
B7 / 20MHz / 16QAM/ Low CH



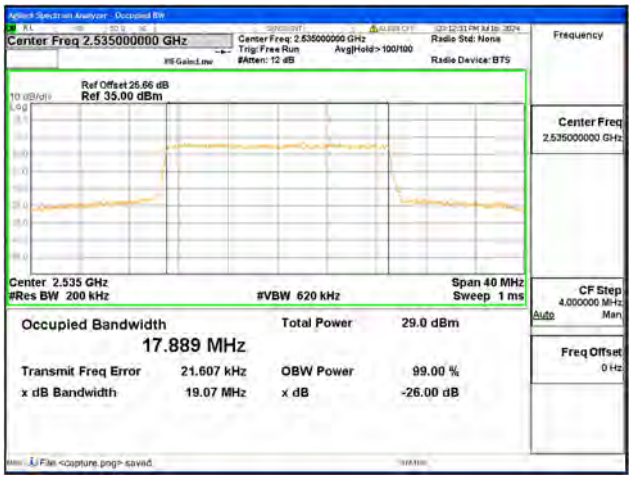
B7 / 20MHz / QPSK/ Low CH



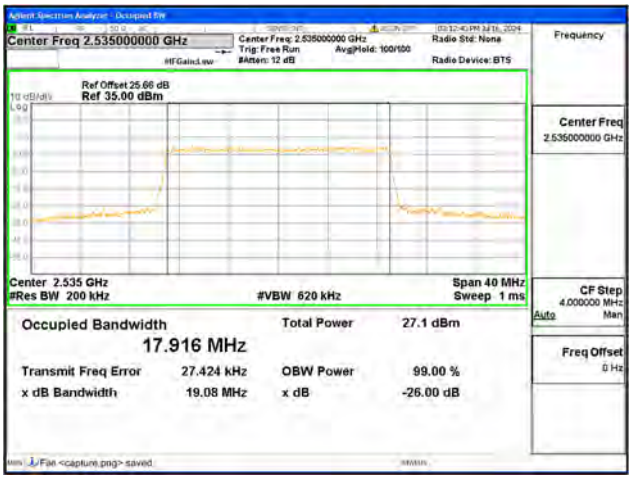
B7 / 20MHz / 64QAM/ Low CH



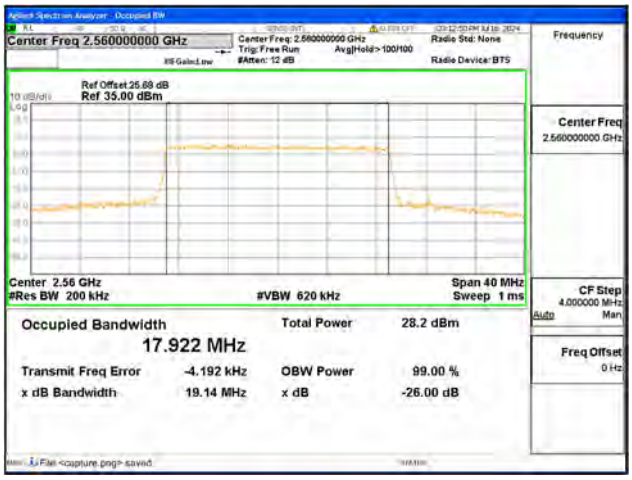
B7 / 20MHz / 16QAM/ Mid CH



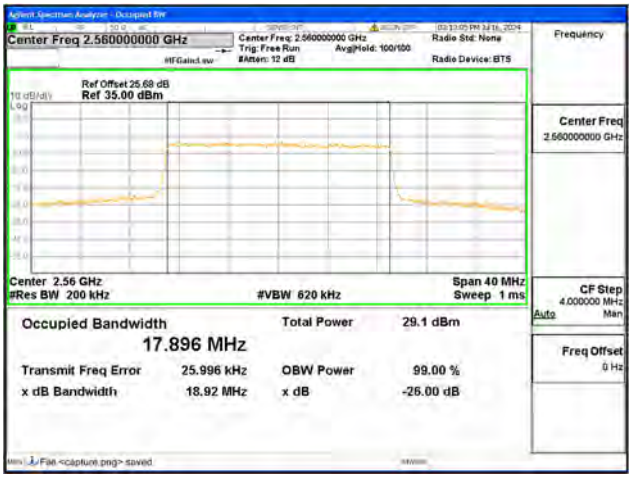
B7 / 20MHz / QPSK/ Mid CH



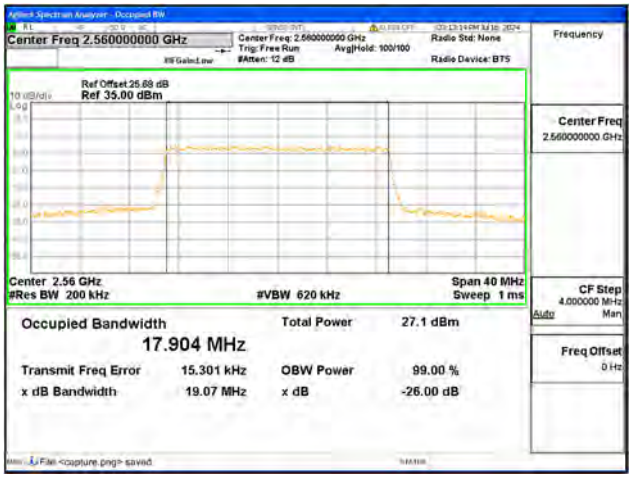
B7 / 20MHz / 64QAM/ Mid CH



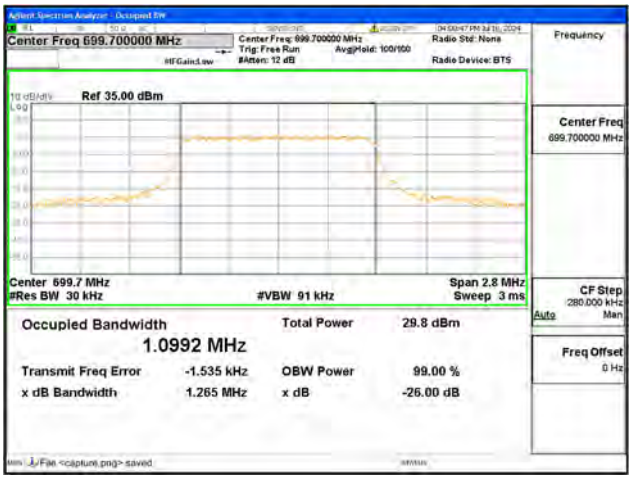
B7 / 20MHz / 16QAM/ High CH



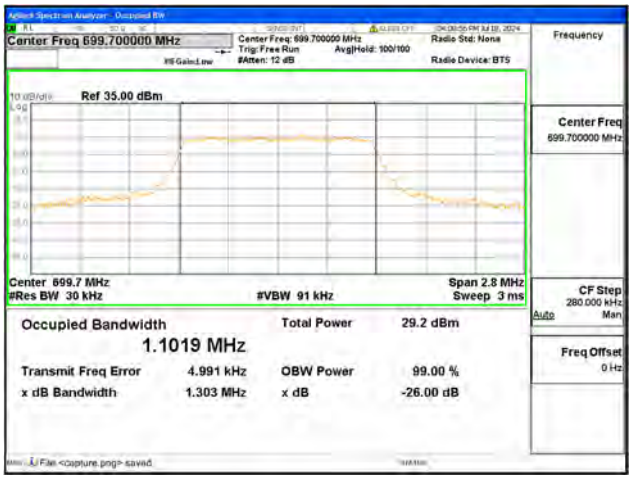
B7 / 20MHz / QPSK/ High CH



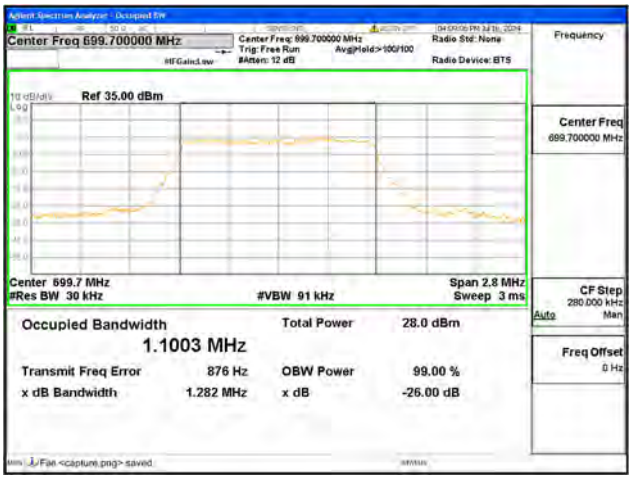
B7 / 20MHz / 64QAM/ High CH



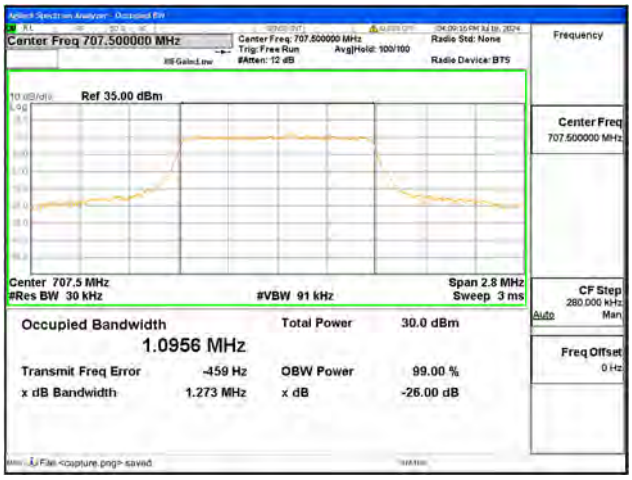
B12 / 1.4MHz / QPSK/ Low CH



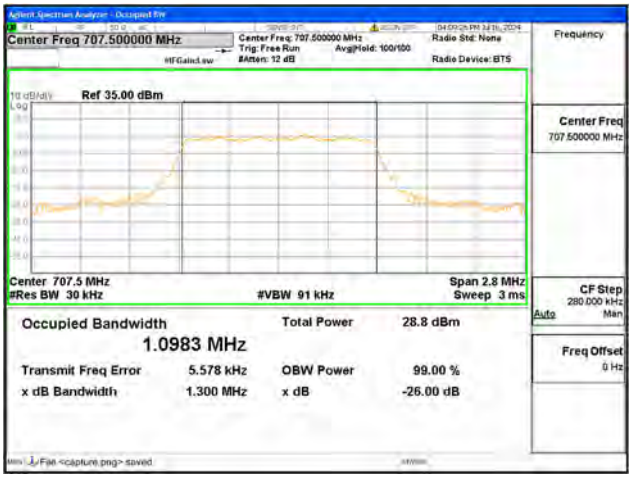
B12 / 1.4MHz / 16QAM/ Low CH



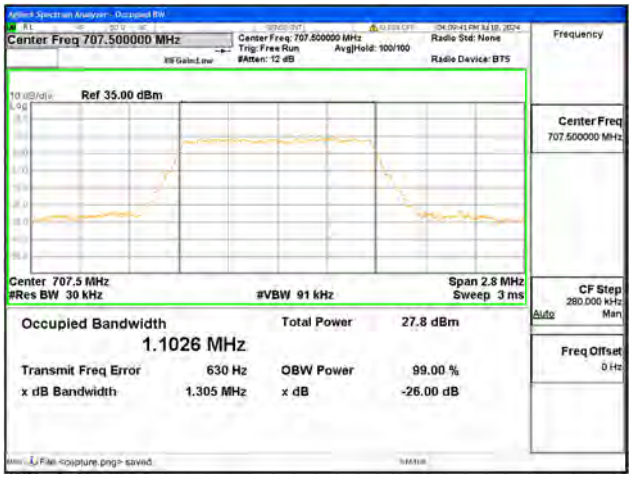
B12 / 1.4MHz / 64QAM/ Low CH



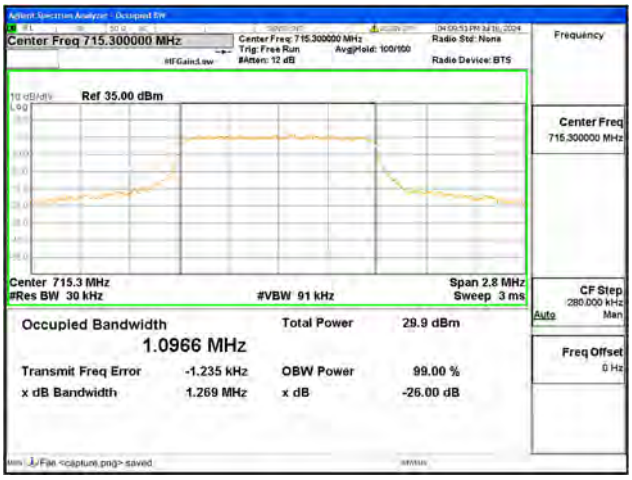
B12 / 1.4MHz / QPSK/ Mid CH



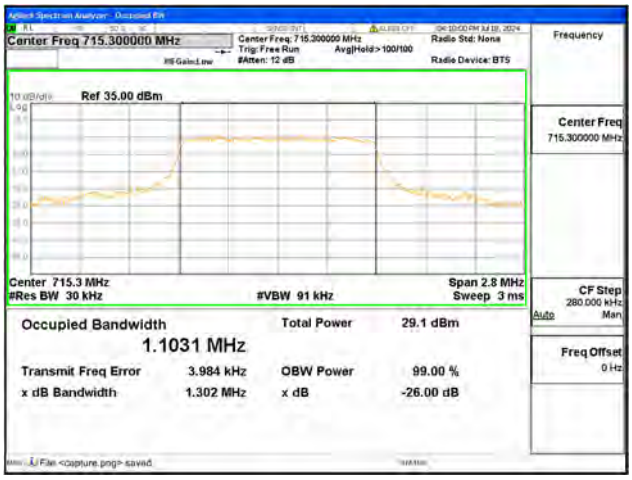
B12 / 1.4MHz / 16QAM/ Mid CH



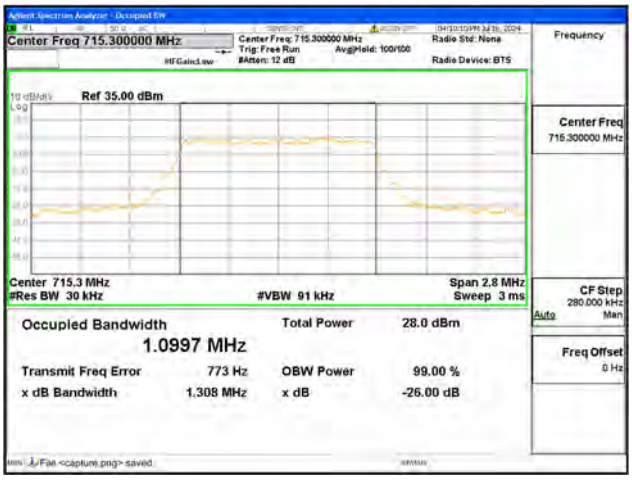
B12 / 1.4MHz / 64QAM/ Mid CH



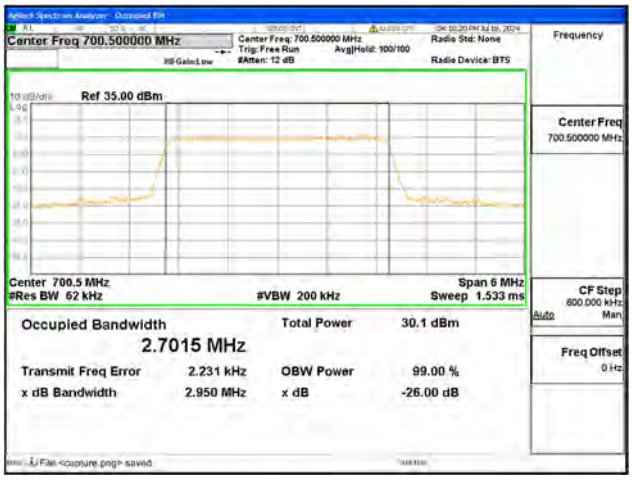
B12 / 1.4MHz / QPSK/ High CH



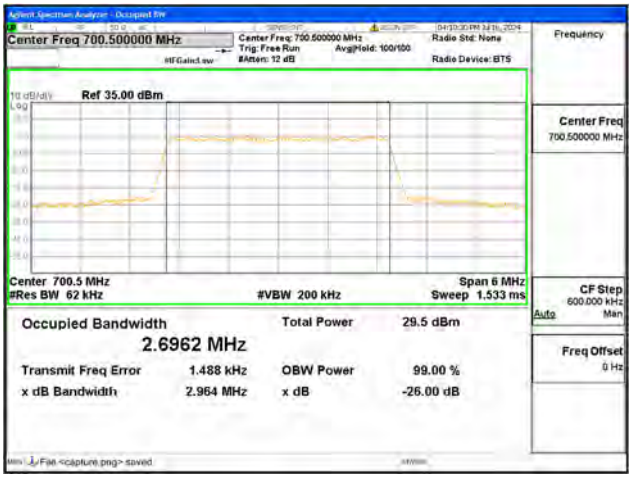
B12 / 1.4MHz / 16QAM/ High CH



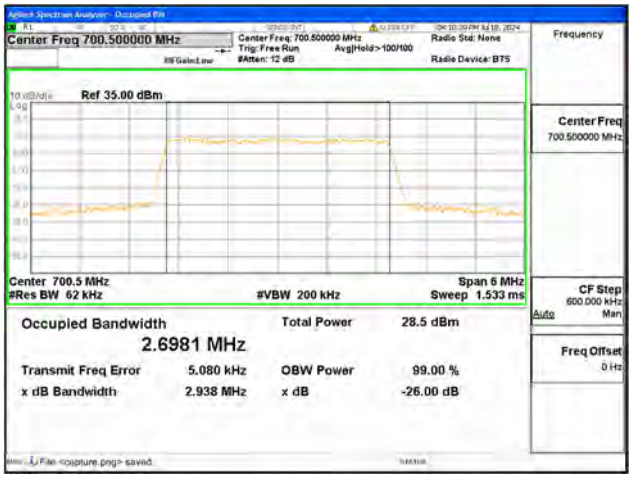
B12 / 1.4MHz / 64QAM/ High CH



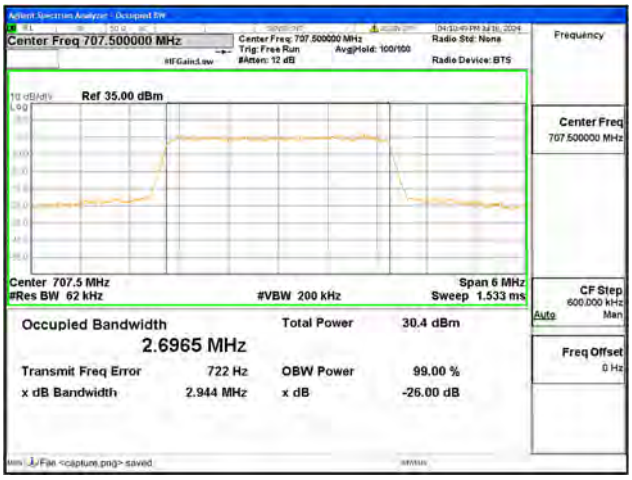
B12 / 3MHz / QPSK/ Low CH



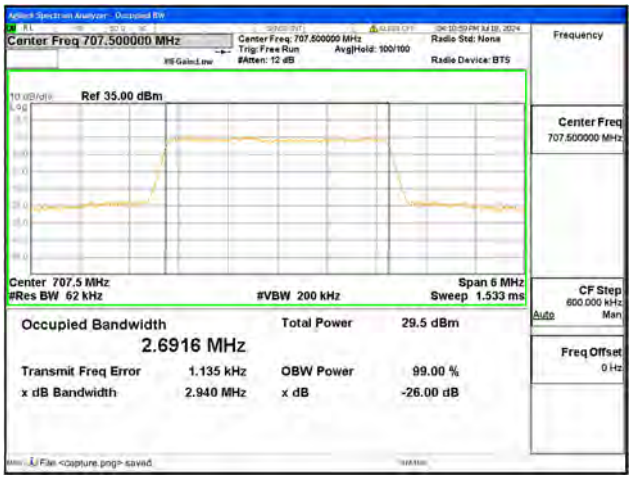
B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH

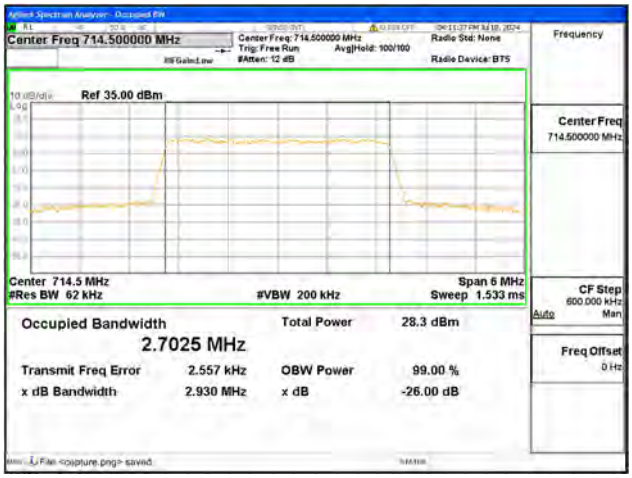


B12 / 3MHz / 16QAM/ Mid CH

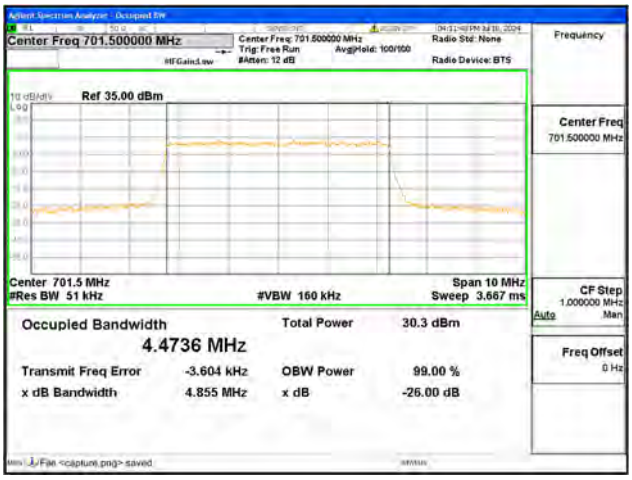
B12 / 3MHz / 64QAM/ Mid CH

B12 / 3MHz / QPSK/ High CH

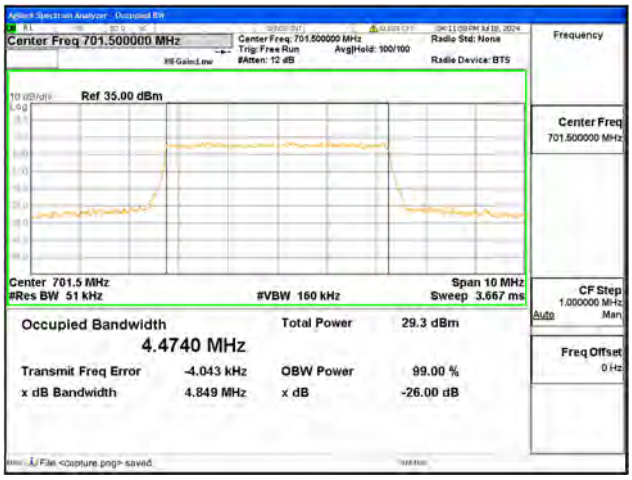
B12 / 3MHz / 16QAM/ High CH



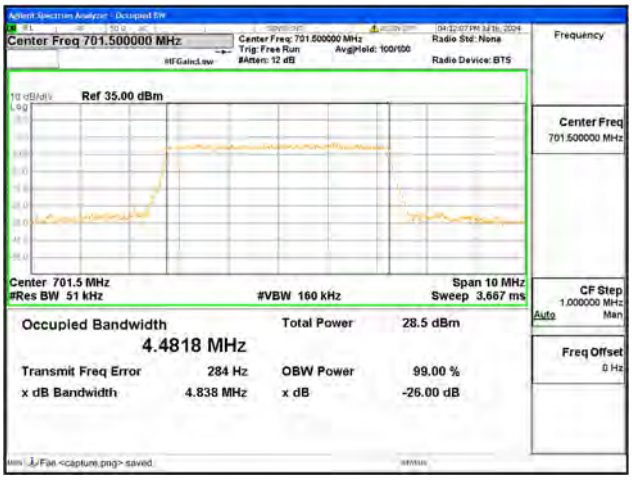
B12 / 3MHz / 64QAM/ High CH



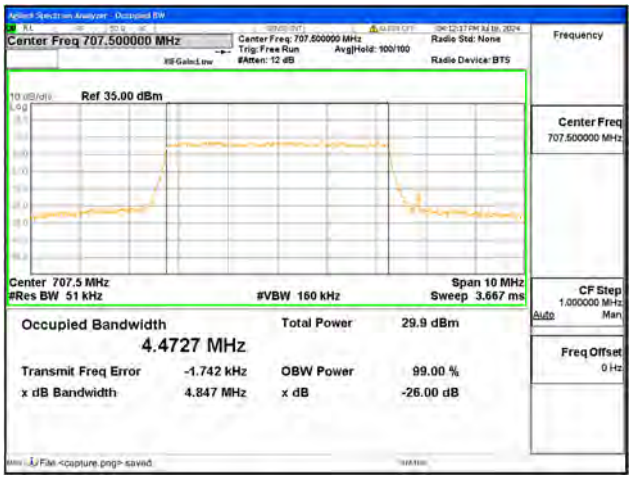
B12 / 5MHz / QPSK/ Low CH



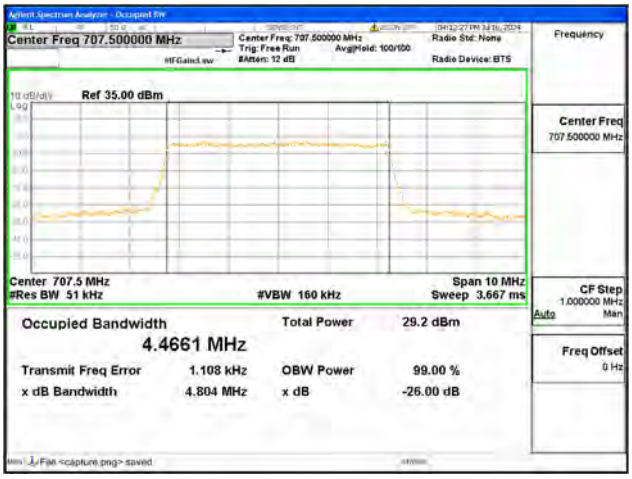
B12 / 5MHz / 16QAM/ Low CH



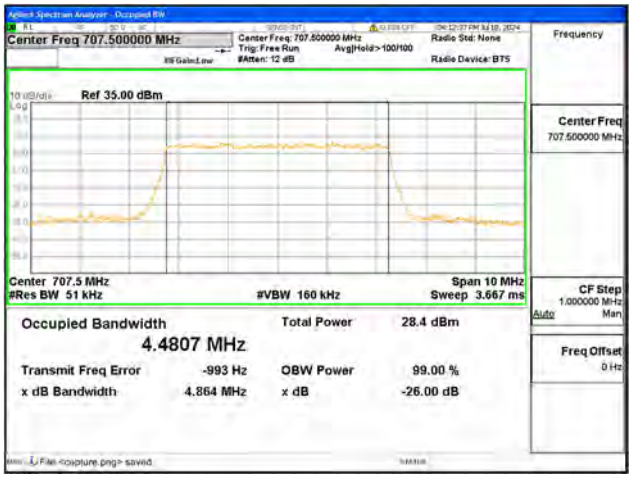
B12 / 5MHz / 64QAM/ Low CH



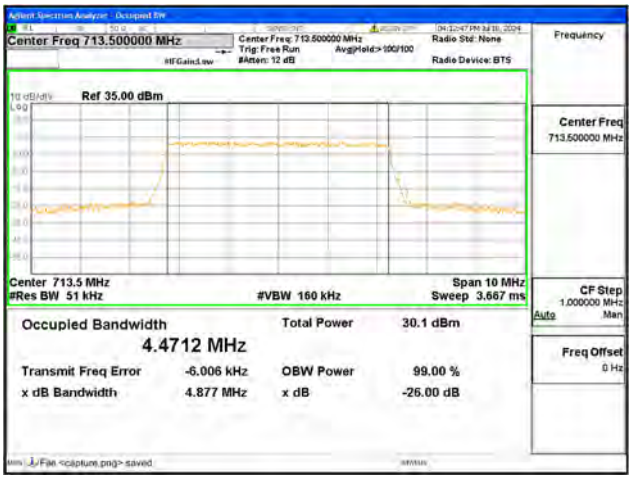
B12 / 5MHz / QPSK/ Mid CH



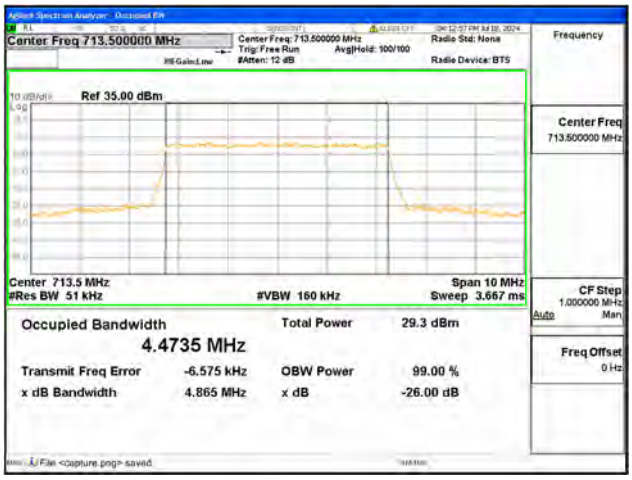
B12 / 5MHz / 16QAM/ Mid CH



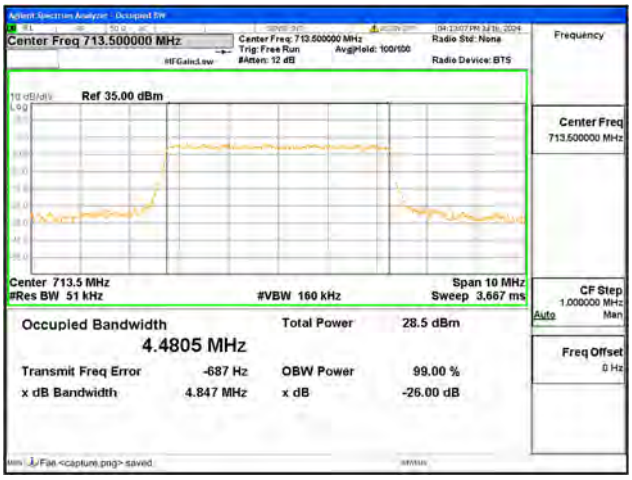
B12 / 5MHz / 64QAM/ Mid CH



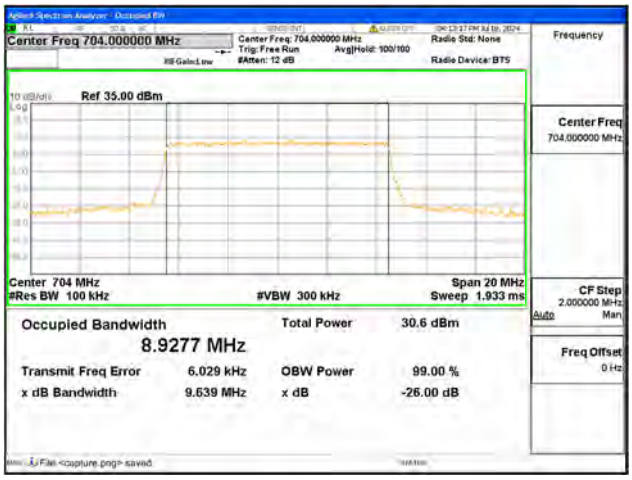
B12 / 5MHz / QPSK/ High CH



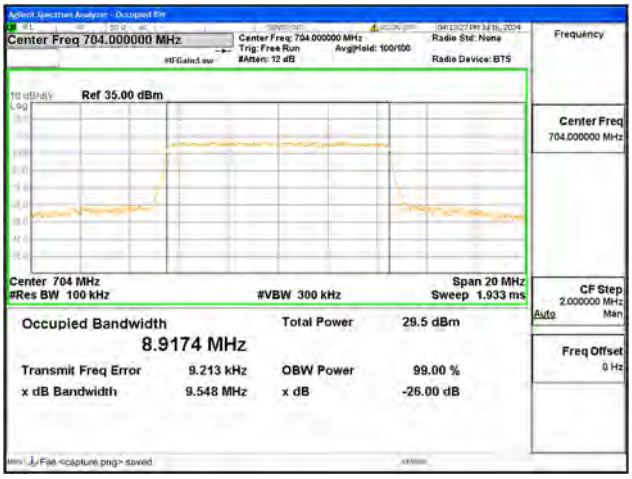
B12 / 5MHz / 16QAM/ High CH



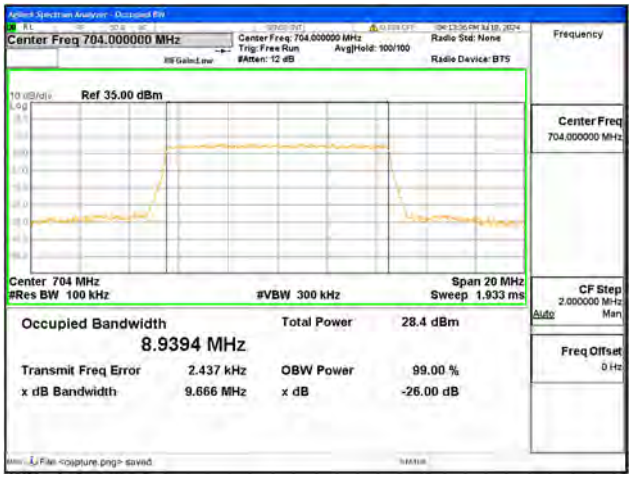
B12 / 5MHz / 64QAM/ High CH



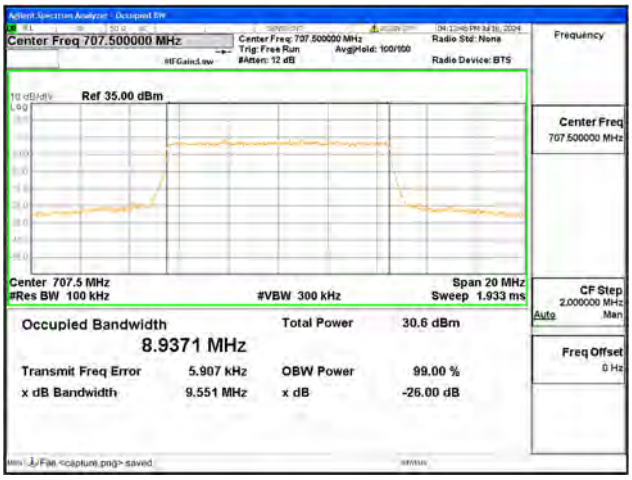
B12 / 10MHz / QPSK/ Low CH



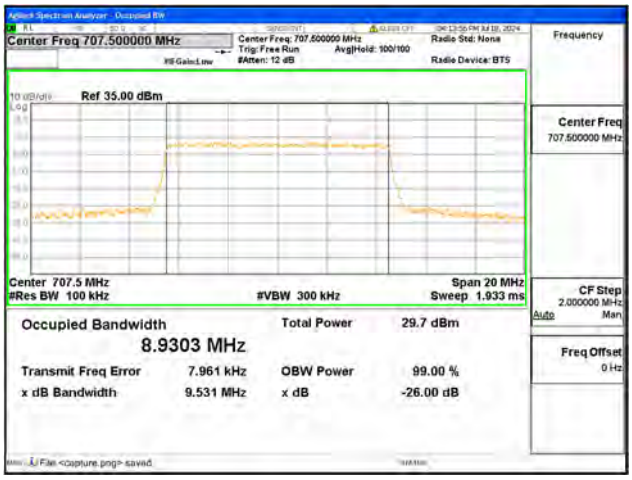
B12 / 10MHz / 16QAM/ Low CH



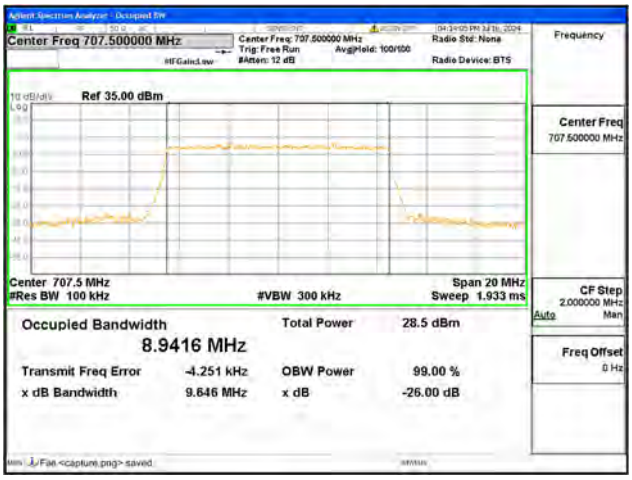
B12 / 10MHz / 64QAM/ Low CH



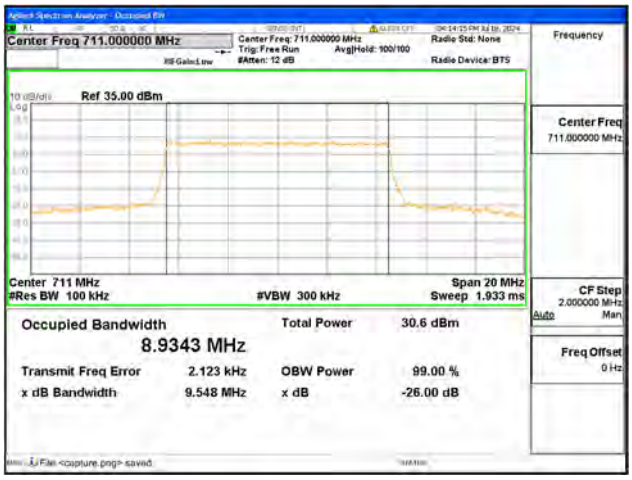
B12 / 10MHz / QPSK/ Mid CH



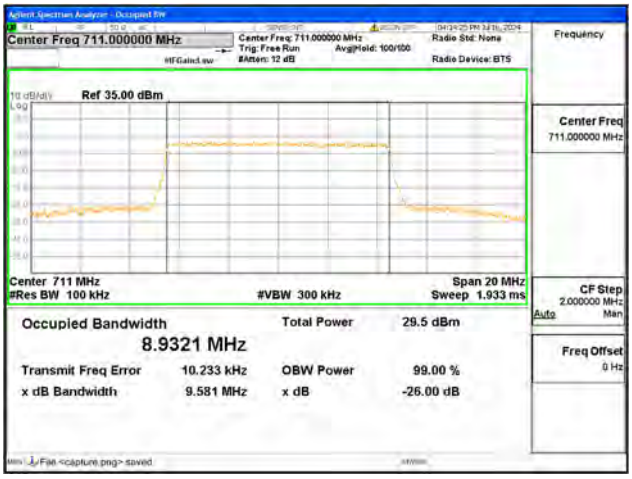
B12 / 10MHz / 16QAM/ Mid CH



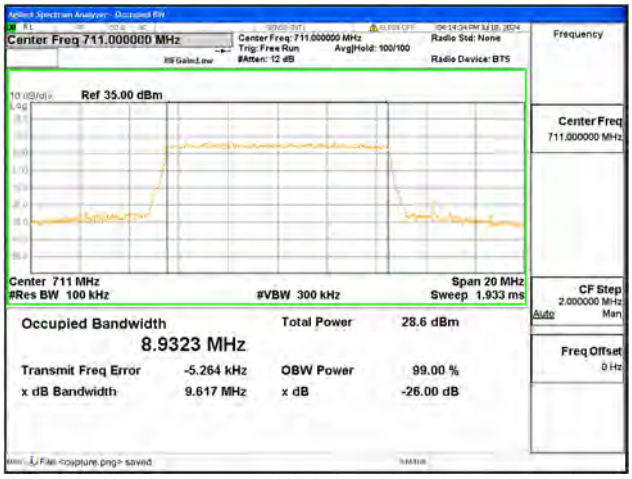
B12 / 10MHz / 64QAM/ Mid CH



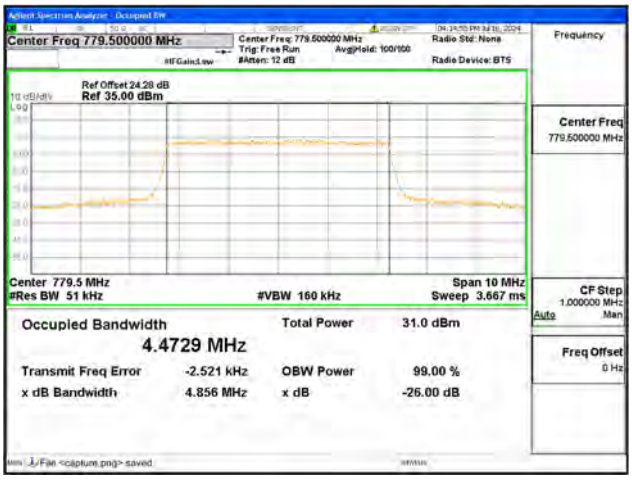
B12 / 10MHz / QPSK/ High CH



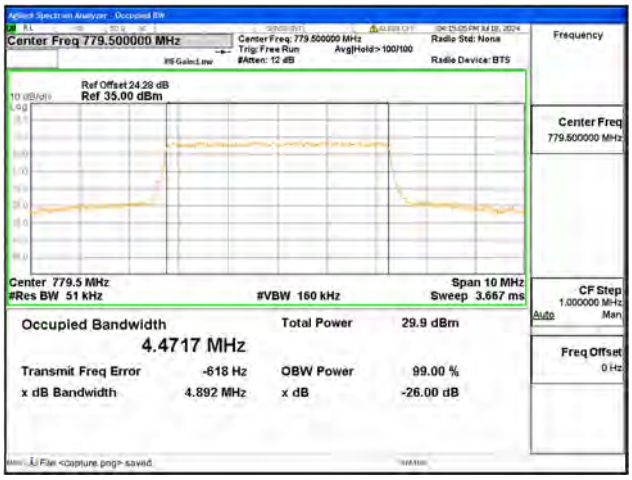
B12 / 10MHz / 16QAM/ High CH



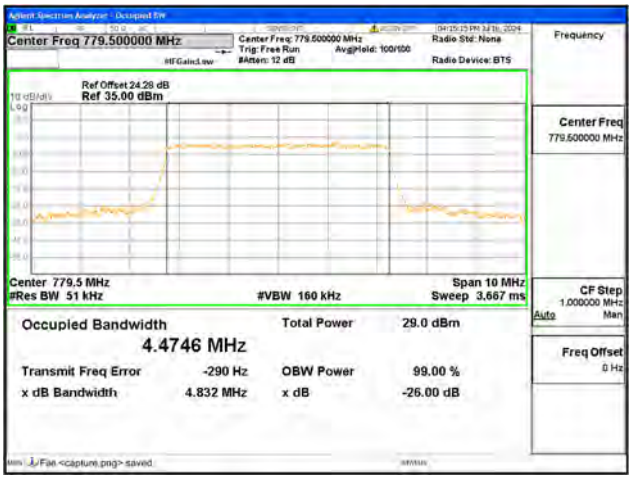
B12 / 10MHz / 64QAM/ High CH



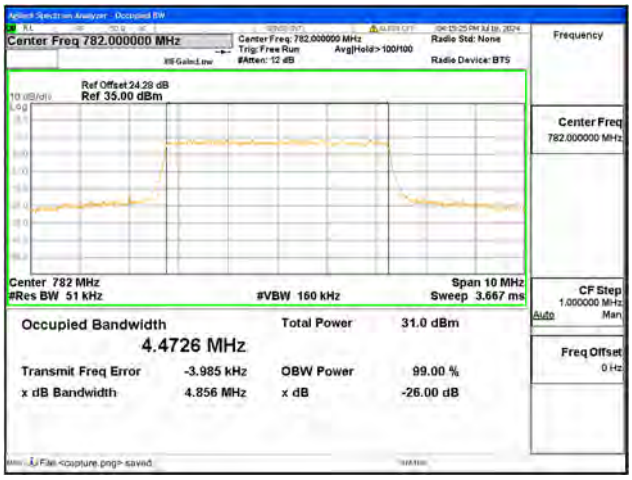
B13 / 5MHz / QPSK/ Low CH



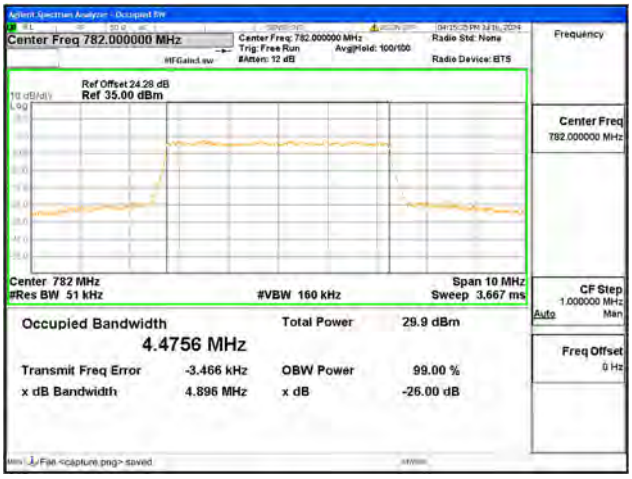
B13 / 5MHz / 16QAM/ Low CH



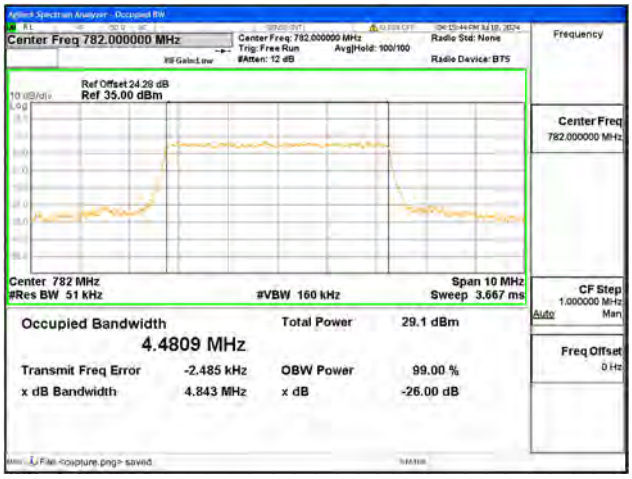
B13 / 5MHz / 64QAM/ Low CH



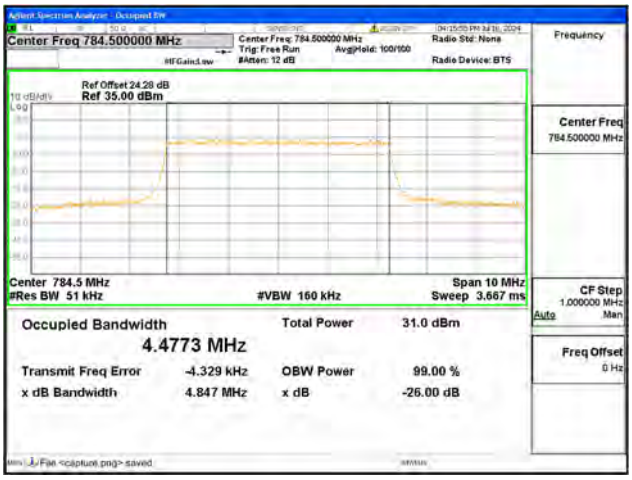
B13 / 5MHz / QPSK/ Mid CH



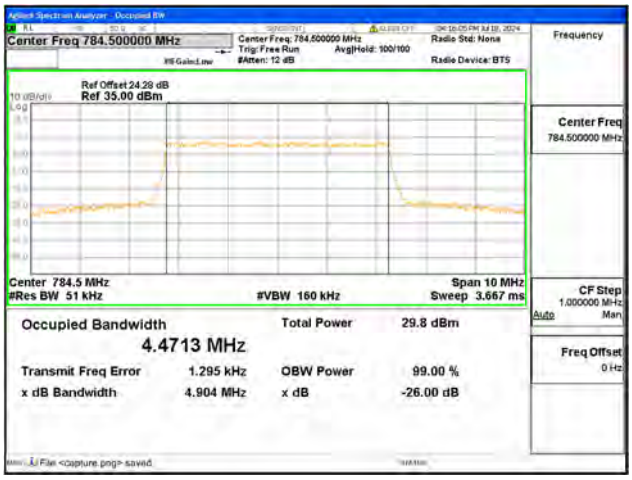
B13 / 5MHz / 16QAM/ Mid CH



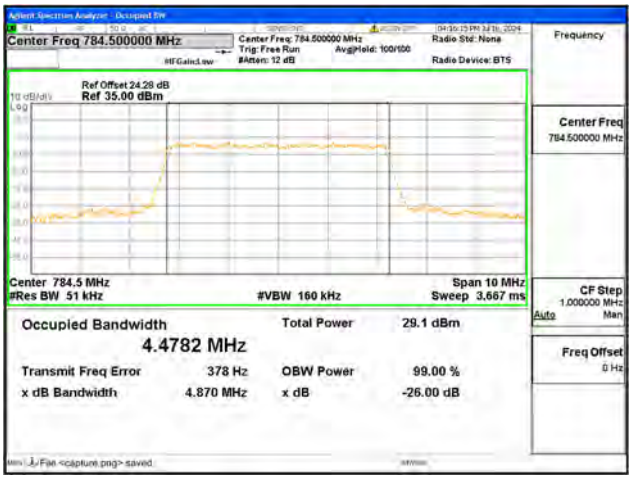
B13 / 5MHz / 64QAM/ Mid CH



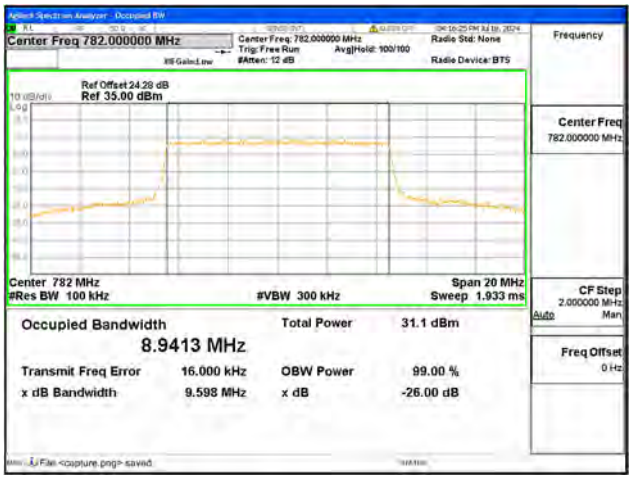
B13 / 5MHz / QPSK/ High CH



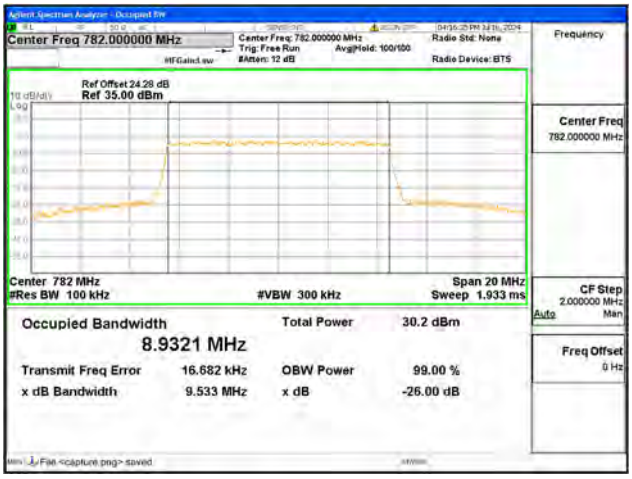
B13 / 5MHz / 16QAM/ High CH



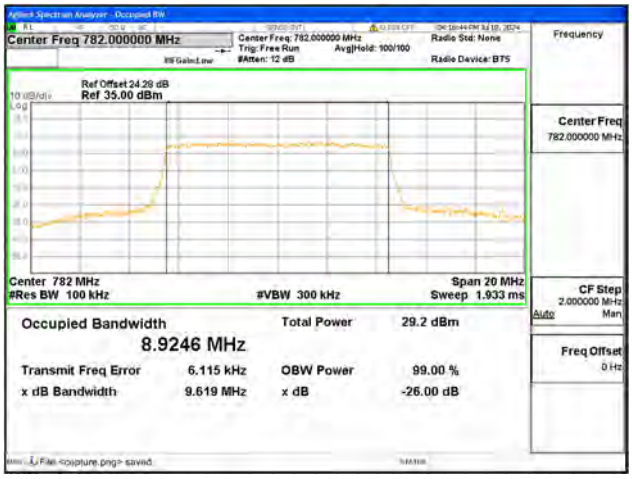
B13 / 5MHz / 64QAM/ High CH



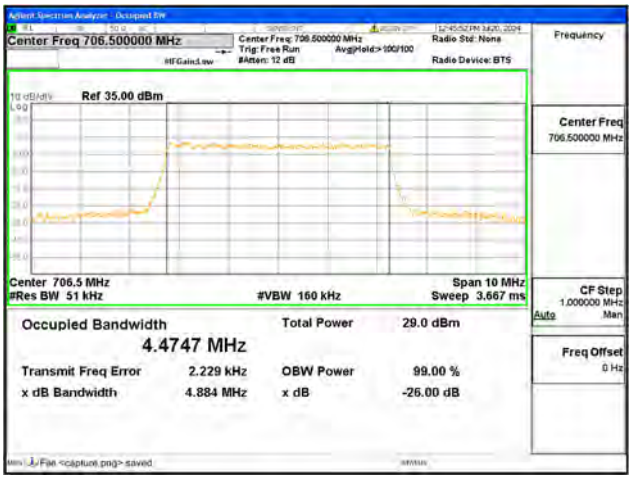
B13 / 10MHz / QPSK/ Mid CH



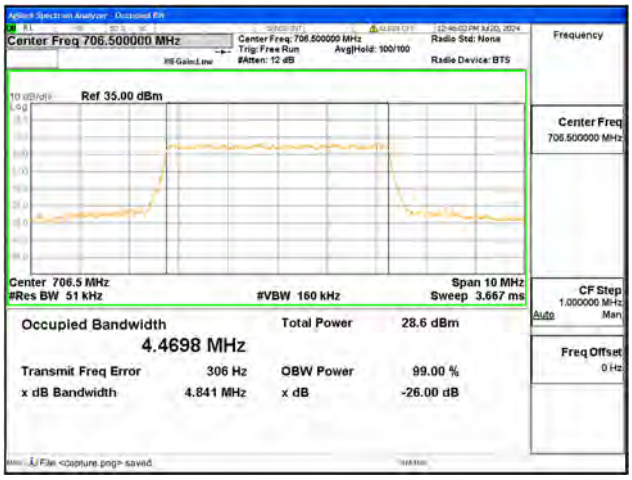
B13 / 10MHz / 16QAM/ Mid CH



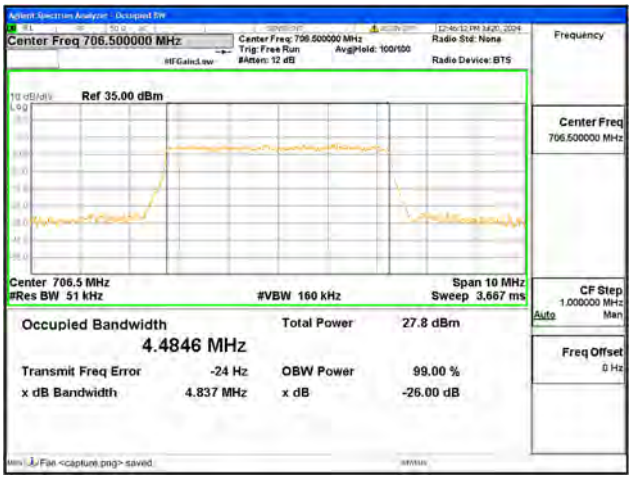
B13 / 10MHz / 64QAM/ Mid CH



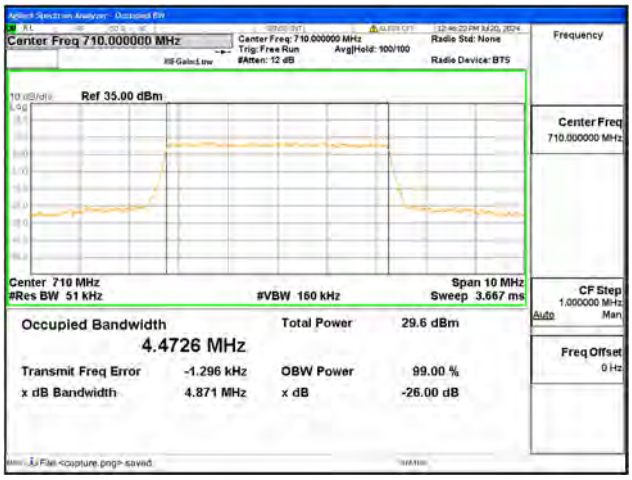
B17 / 5MHz / QPSK/ Low CH



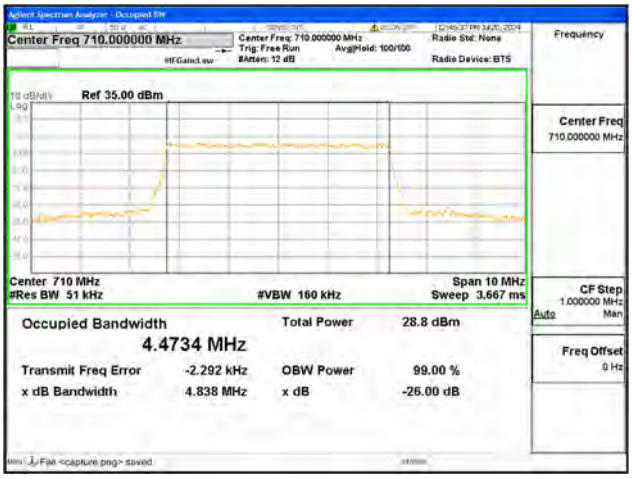
B17 / 5MHz / 16QAM/ Low CH



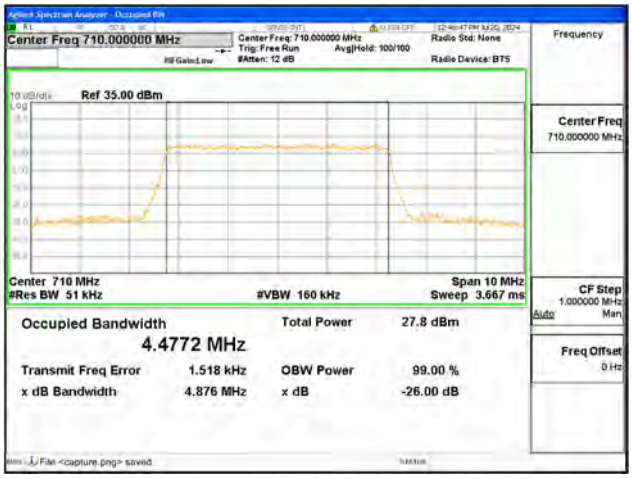
B17 / 5MHz / 64QAM/ Low CH



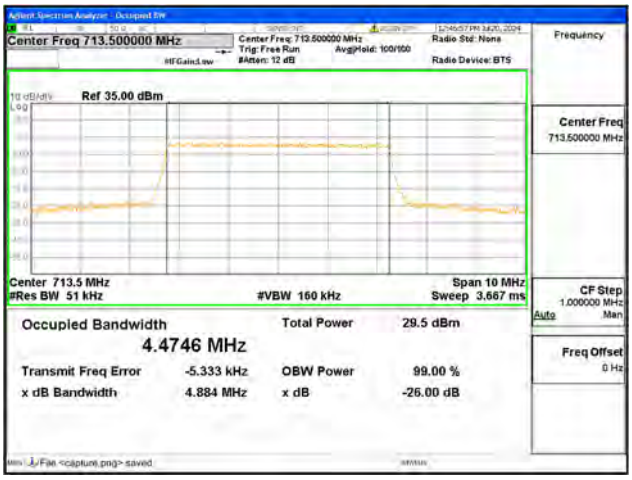
B17 / 5MHz / QPSK/ Mid CH



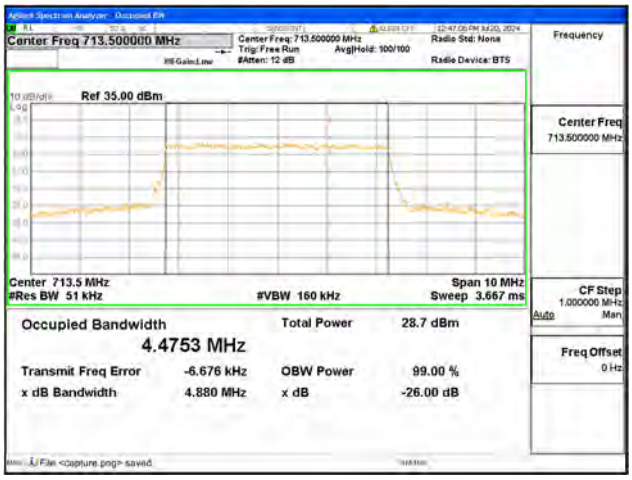
B17 / 5MHz / 16QAM/ Mid CH



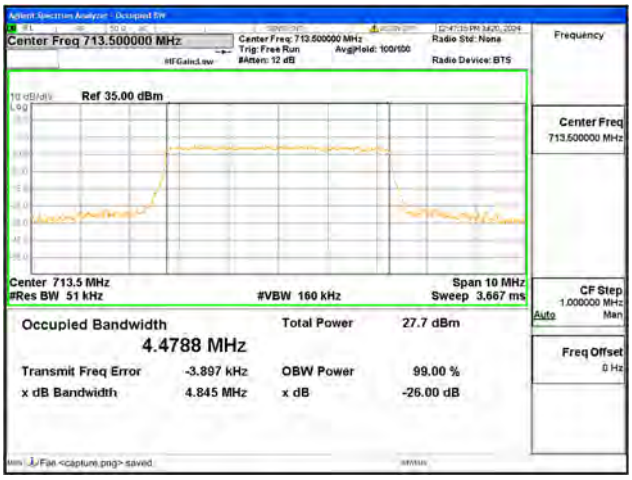
B17 / 5MHz / 64QAM/ Mid CH



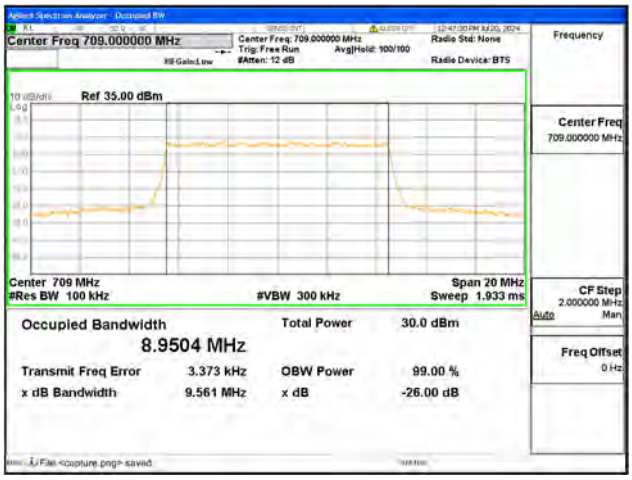
B17 / 5MHz / QPSK/ High CH



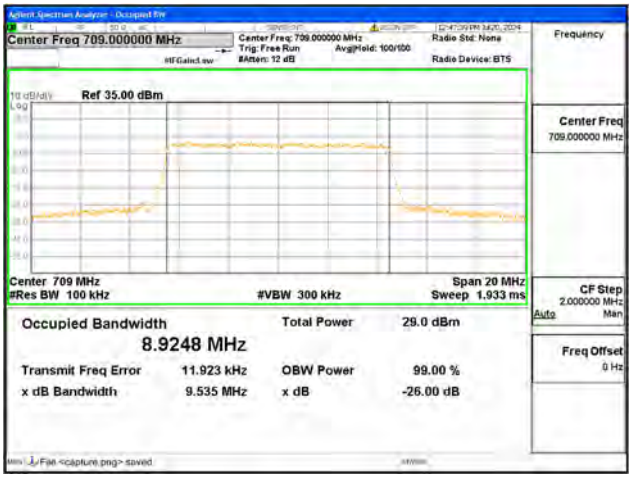
B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH

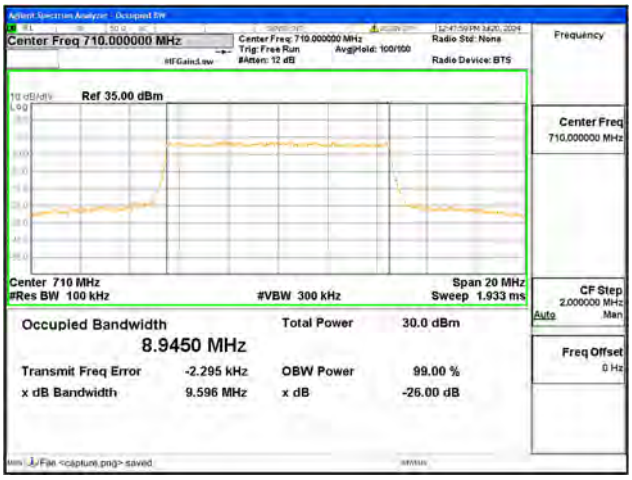


B17 / 10MHz / QPSK/ Low CH

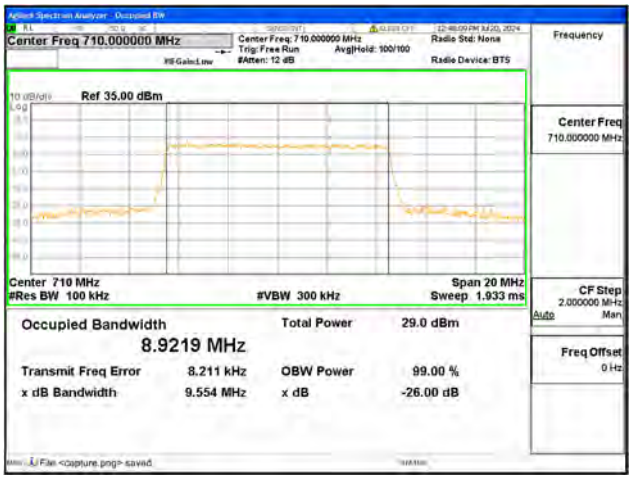


B17 / 10MHz / 16QAM/ Low CH

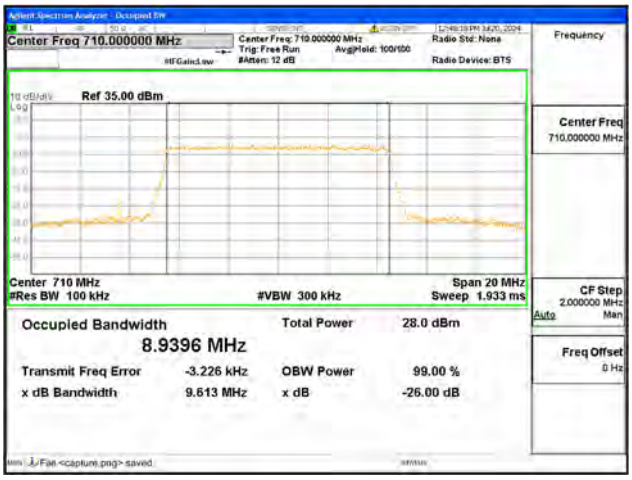
B17 / 10MHz / 64QAM/ Low CH



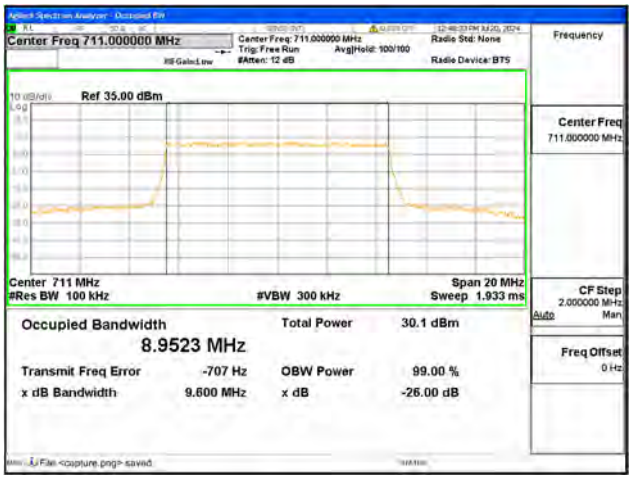
B17 / 10MHz / QPSK/ Mid CH



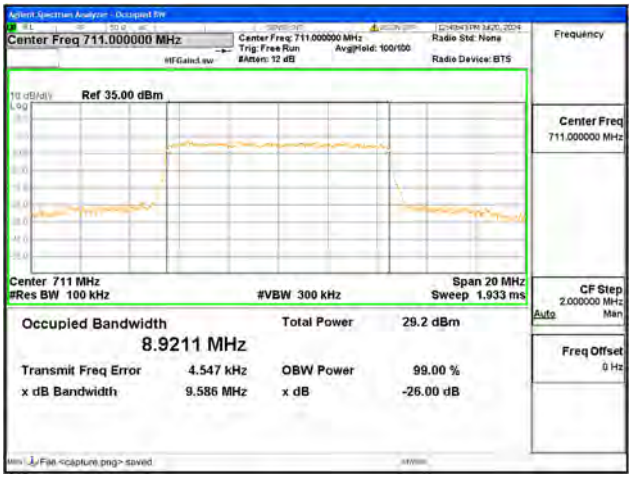
B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH

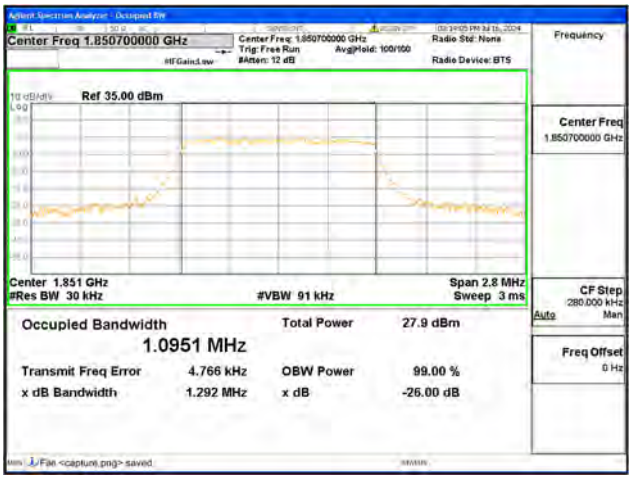


B17 / 10MHz / QPSK/ High CH

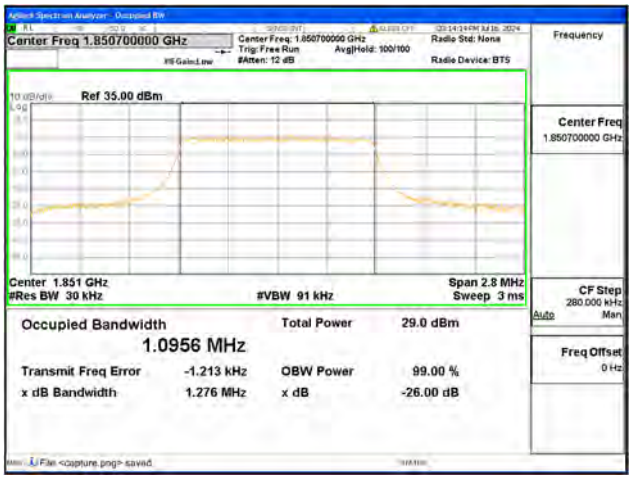


B17 / 10MHz / 16QAM/ High CH

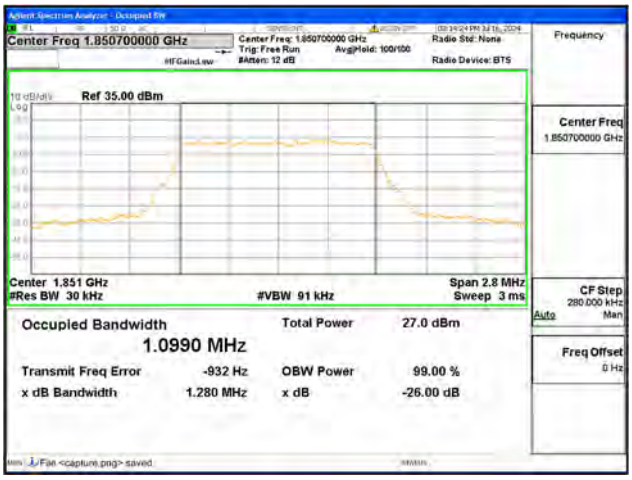
B17 / 10MHz / 64QAM/ High CH



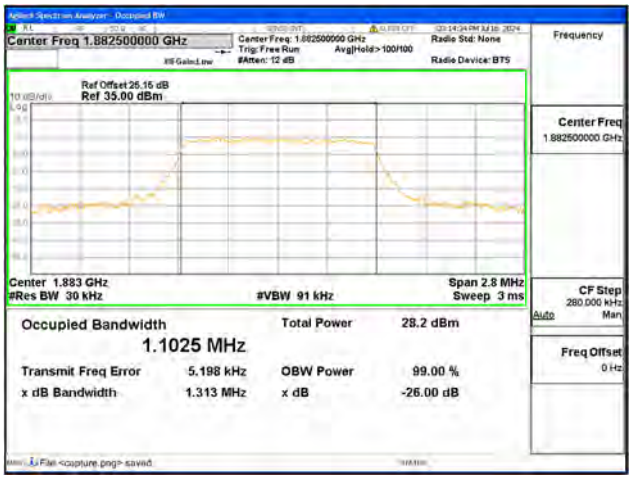
B25 / 1.4MHz / 16QAM/ Low CH



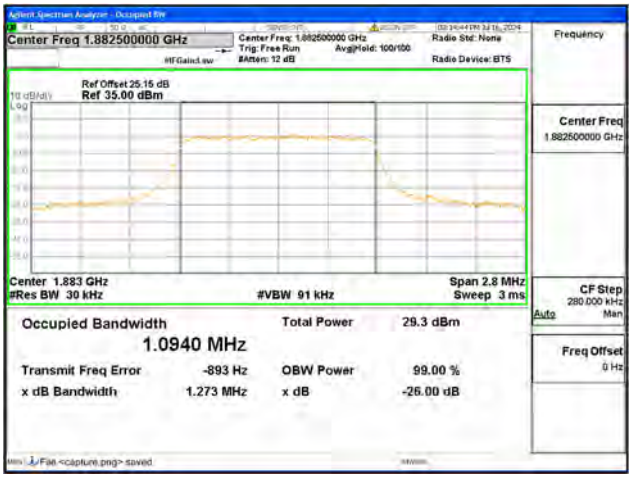
B25 / 1.4MHz / QPSK/ Low CH



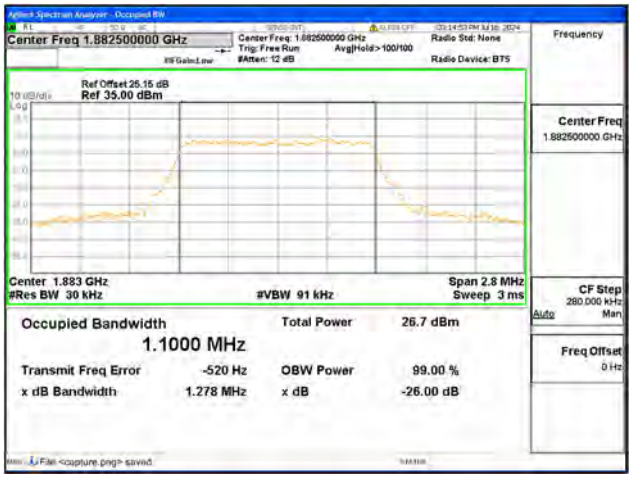
B25 / 1.4MHz / 64QAM/ Low CH



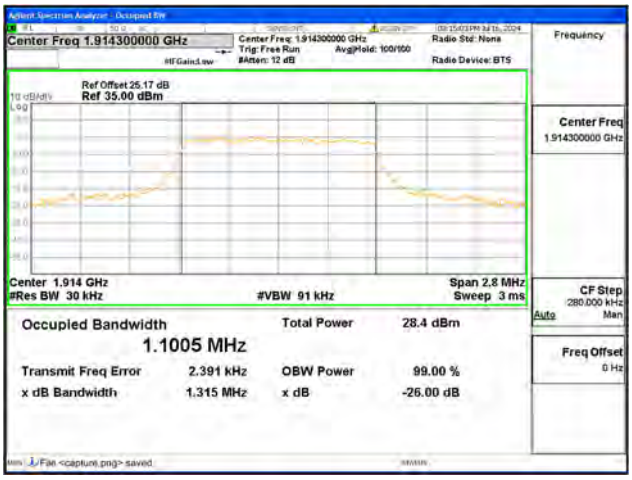
B25 / 1.4MHz / 16QAM/ Mid CH



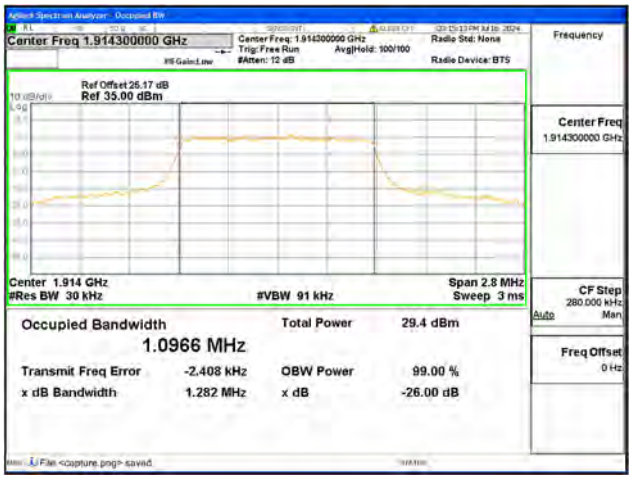
B25 / 1.4MHz / QPSK/ Mid CH



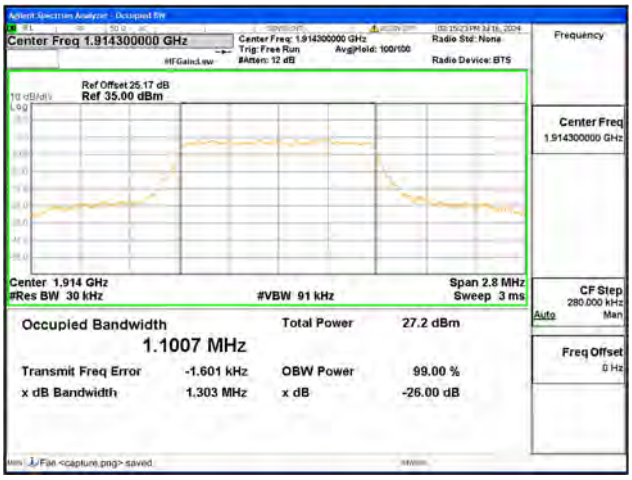
B25 / 1.4MHz / 64QAM/ Mid CH



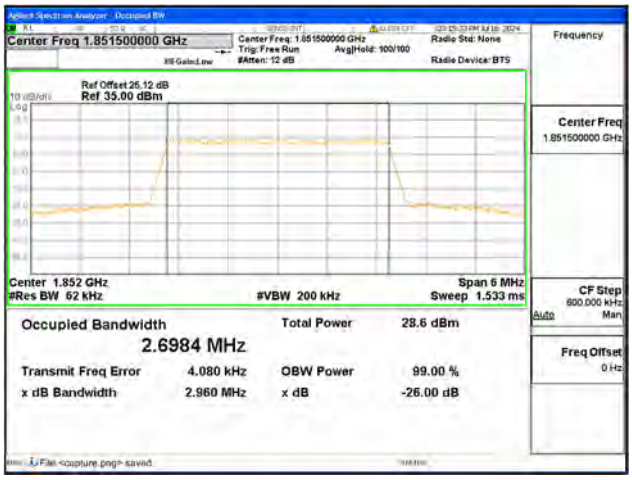
B25 / 1.4MHz / 16QAM/ High CH



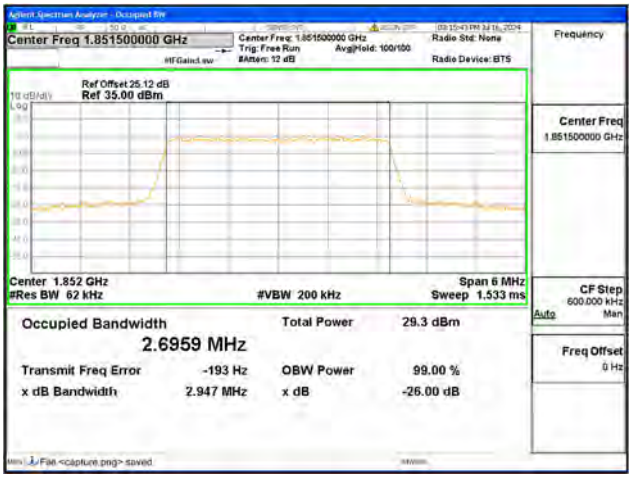
B25 / 1.4MHz / QPSK/ High CH



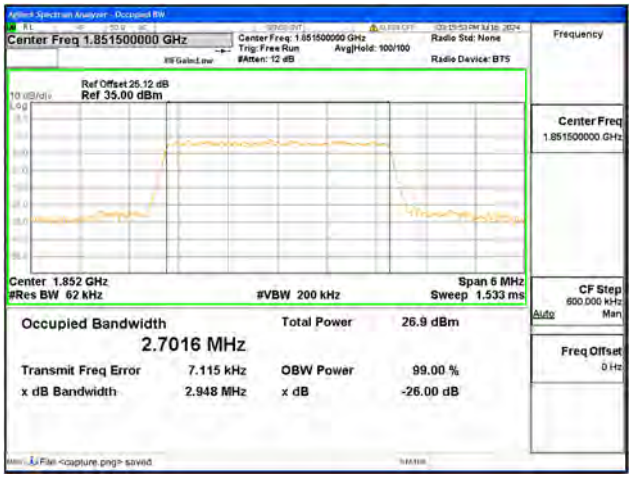
B25 / 1.4MHz / 64QAM/ High CH



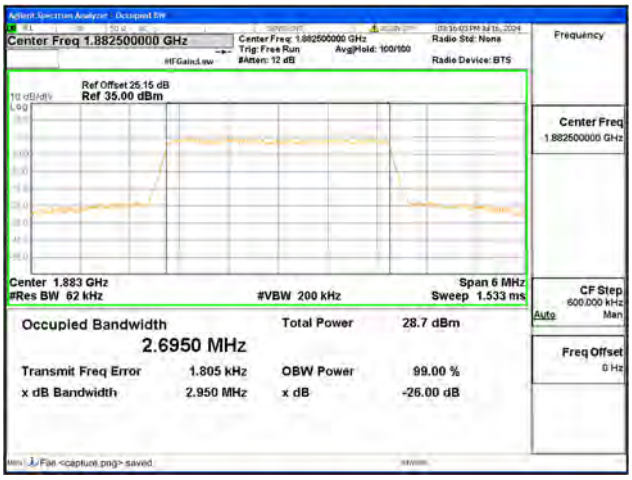
B25 / 3MHz / 16QAM/ Low CH



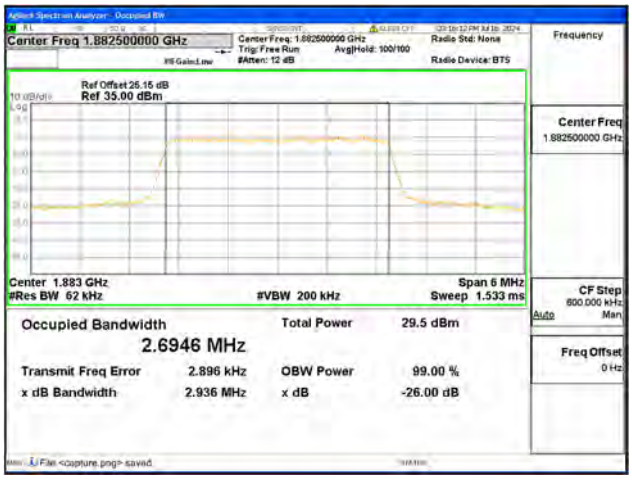
B25 / 3MHz / QPSK/ Low CH



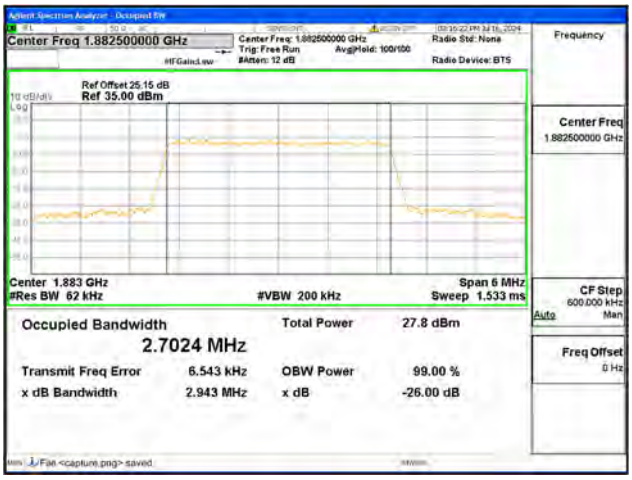
B25 / 3MHz / 64QAM/ Low CH



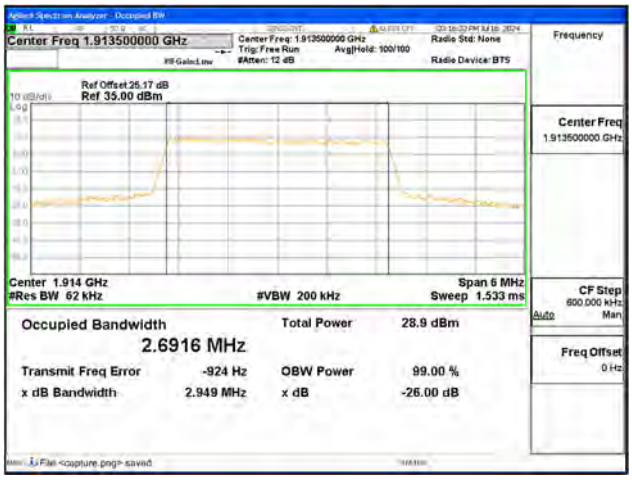
B25 / 3MHz / 16QAM/ Mid CH



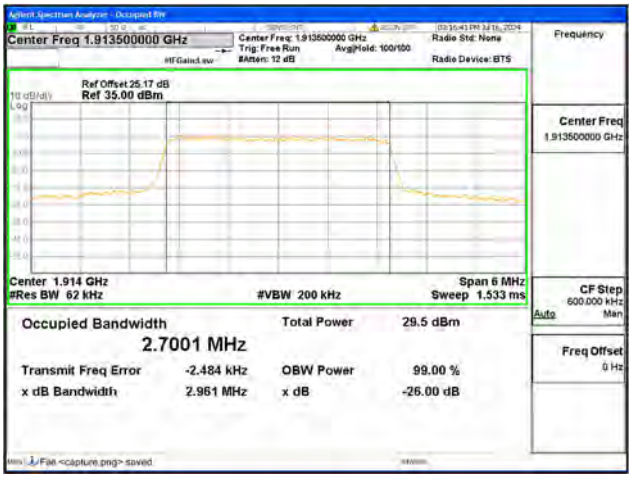
B25 / 3MHz / QPSK/ Mid CH



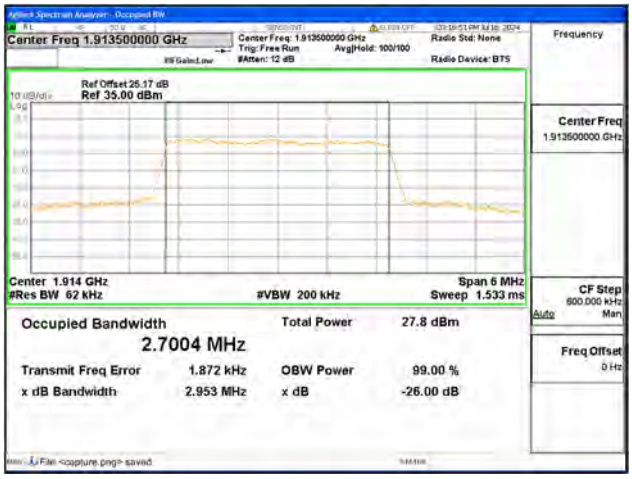
B25 / 3MHz / 64QAM/ Mid CH



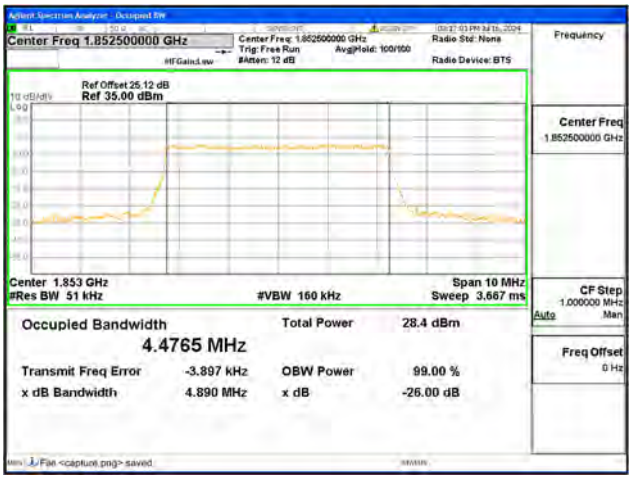
B25 / 3MHz / 16QAM/ High CH



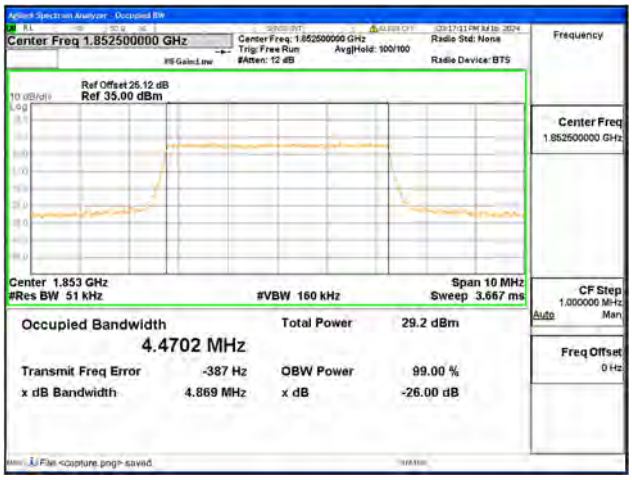
B25 / 3MHz / QPSK/ High CH



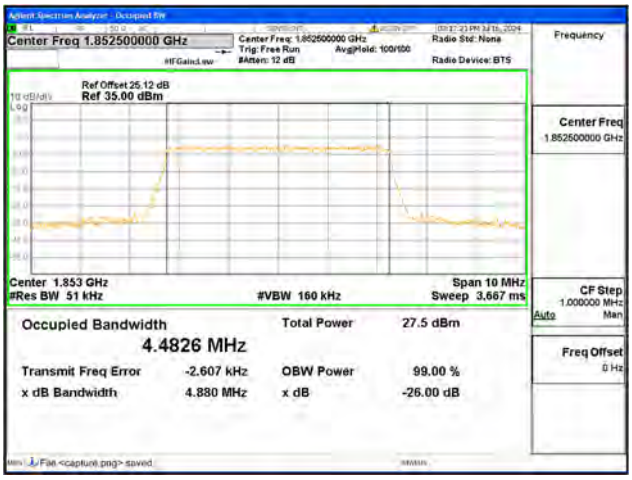
B25 / 3MHz / 64QAM/ High CH



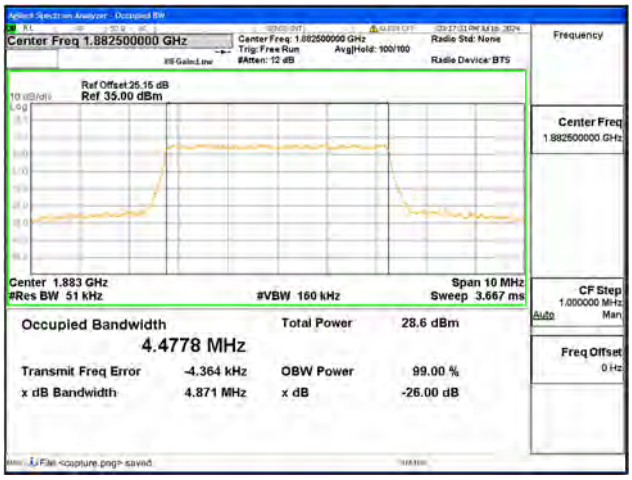
B25 / 5MHz / 16QAM/ Low CH



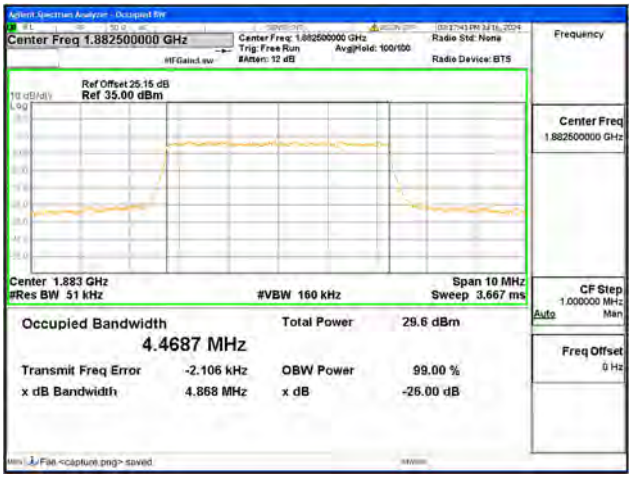
B25 / 5MHz / QPSK/ Low CH



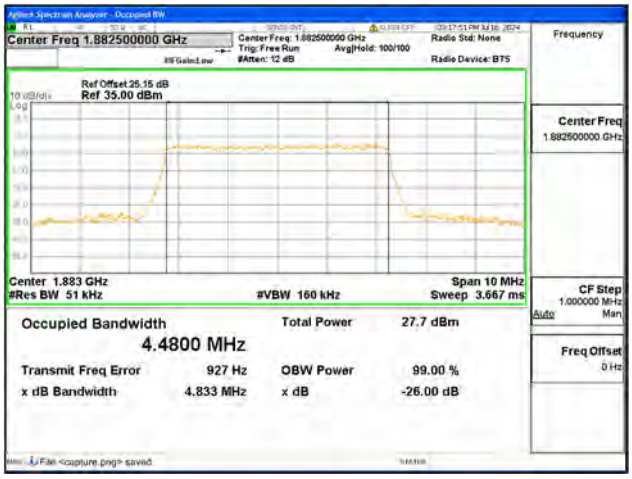
B25 / 5MHz / 64QAM/ Low CH



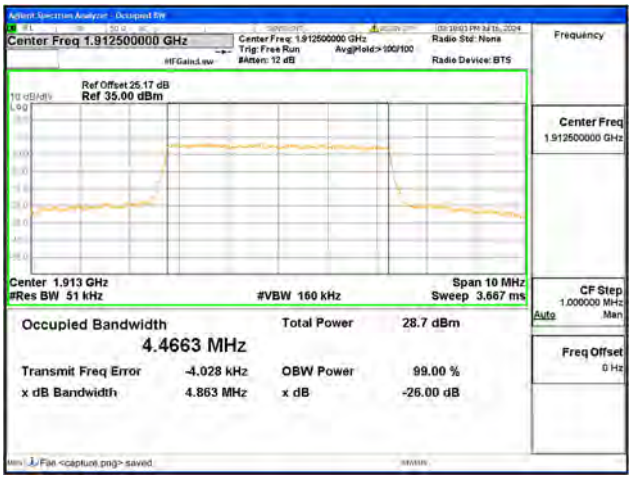
B25 / 5MHz / 16QAM/ Mid CH



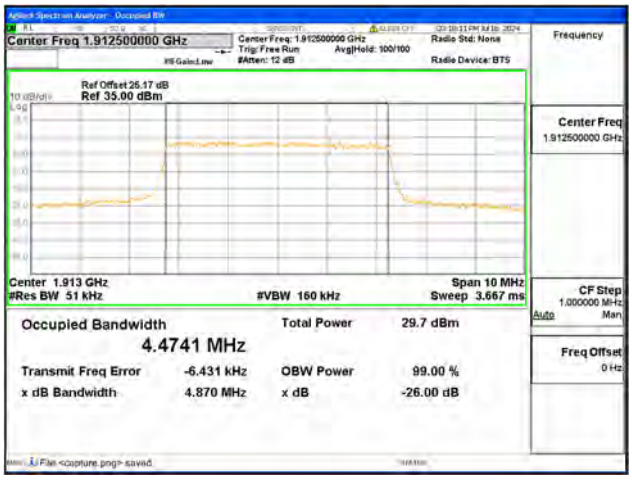
B25 / 5MHz / QPSK/ Mid CH



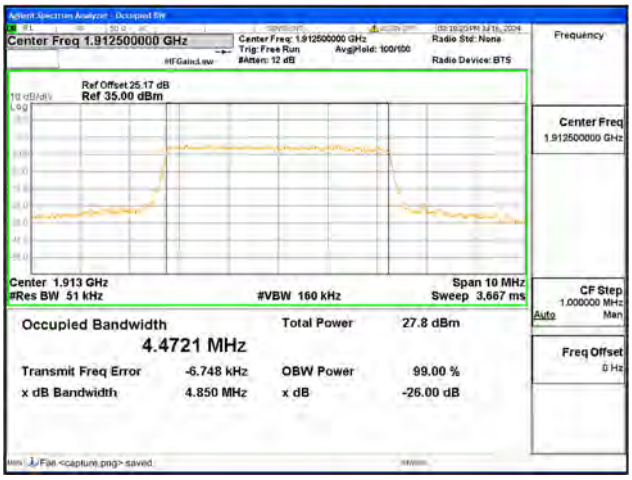
B25 / 5MHz / 64QAM/ Mid CH



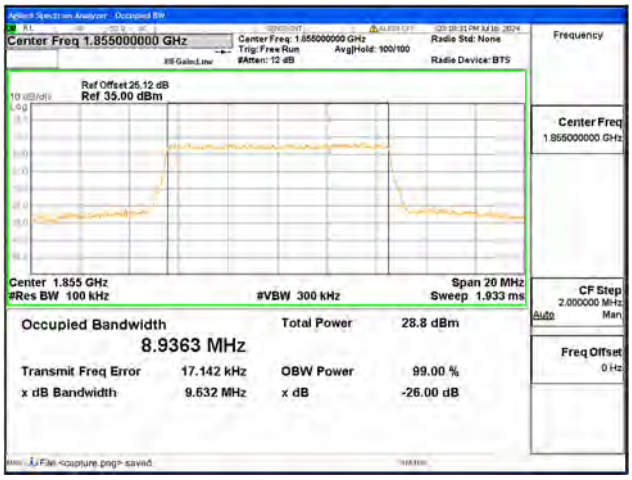
B25 / 5MHz / 16QAM/ High CH



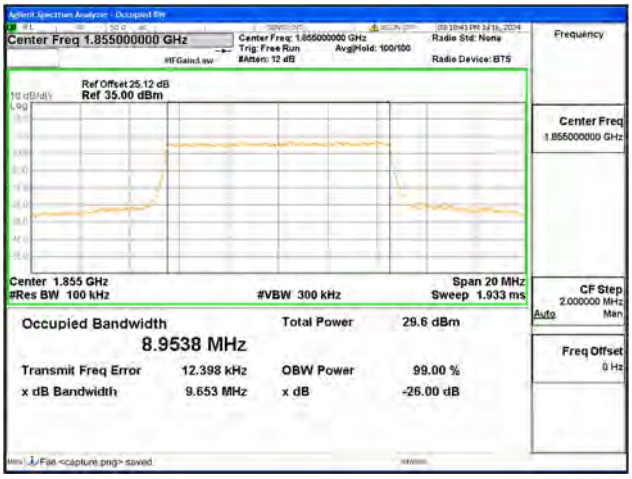
B25 / 5MHz / QPSK/ High CH



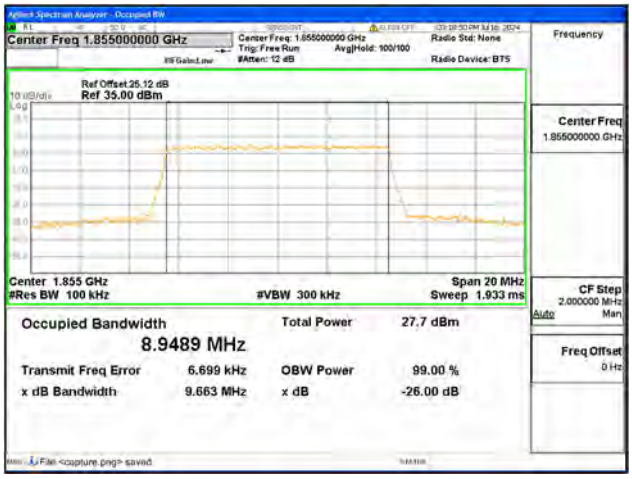
B25 / 5MHz / 64QAM/ High CH



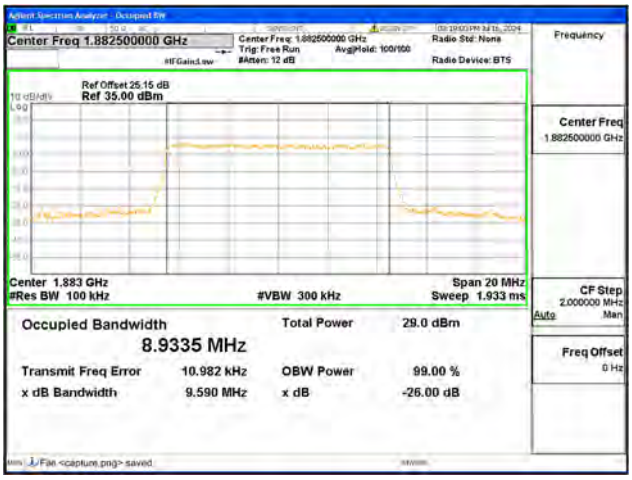
B25 / 10MHz / 16QAM/ Low CH



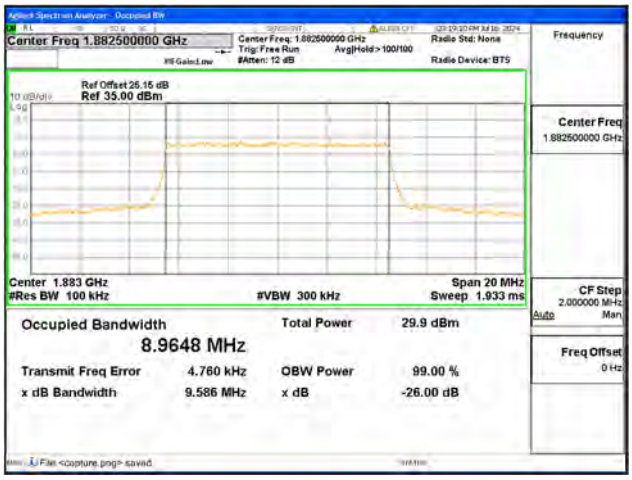
B25 / 10MHz / QPSK/ Low CH



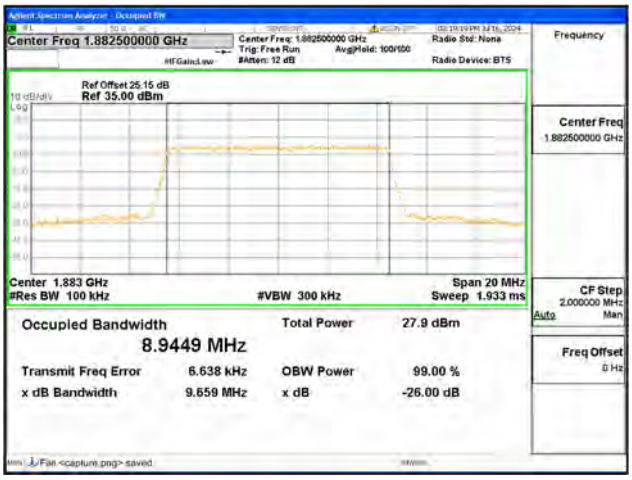
B25 / 10MHz / 64QAM/ Low CH



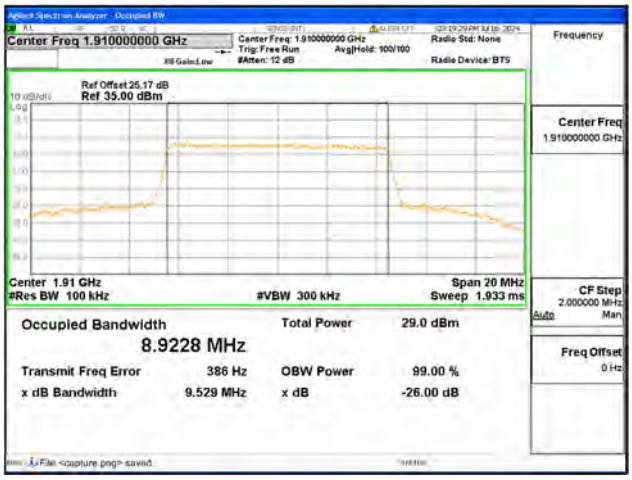
B25 / 10MHz / 16QAM/ Mid CH



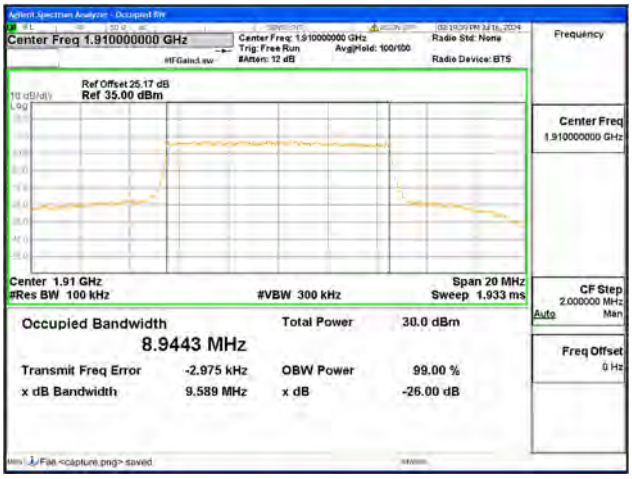
B25 / 10MHz / QPSK/ Mid CH



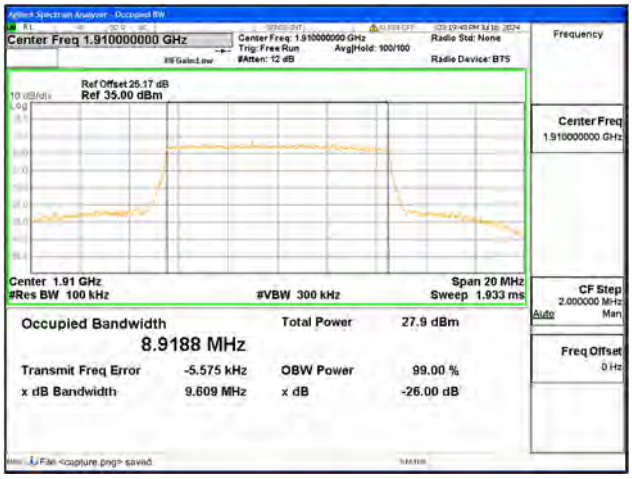
B25 / 10MHz / 64QAM/ Mid CH



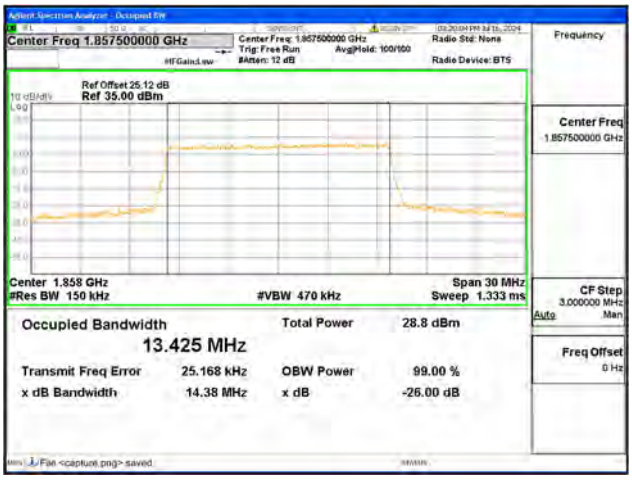
B25 / 10MHz / 16QAM/ High CH



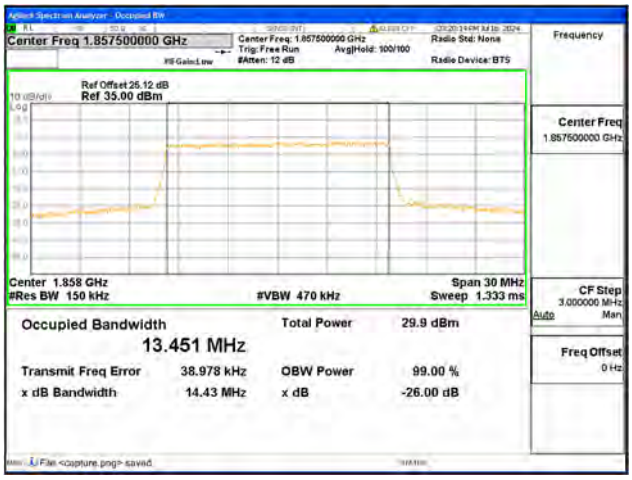
B25 / 10MHz / QPSK/ High CH



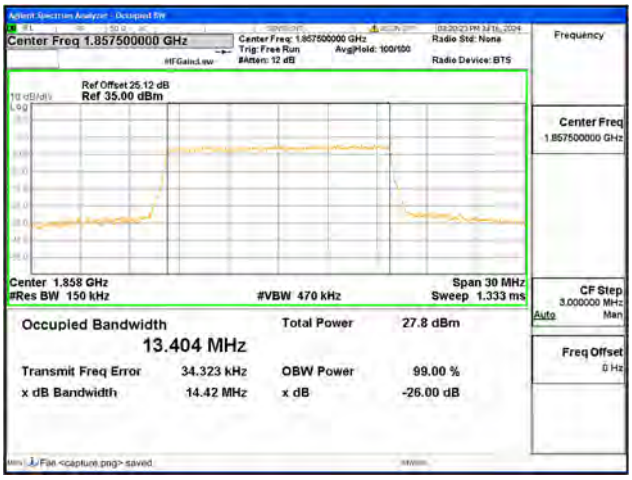
B25 / 10MHz / 64QAM/ High CH



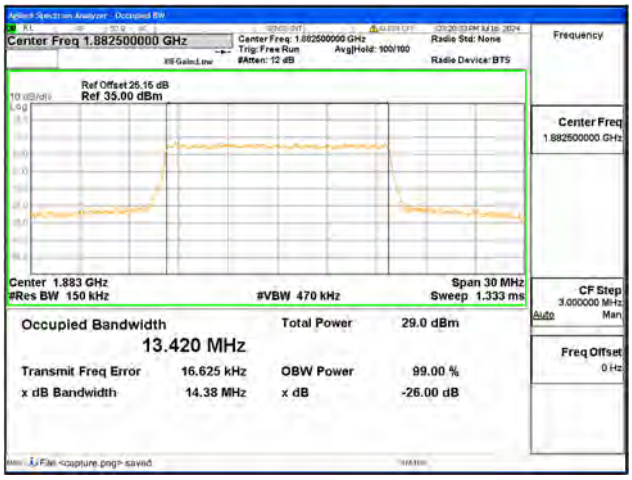
B25 / 15MHz / 16QAM/ Low CH



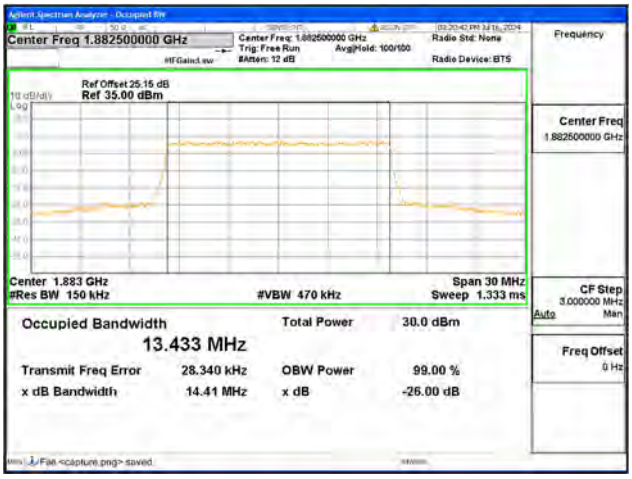
B25 / 15MHz / QPSK/ Low CH



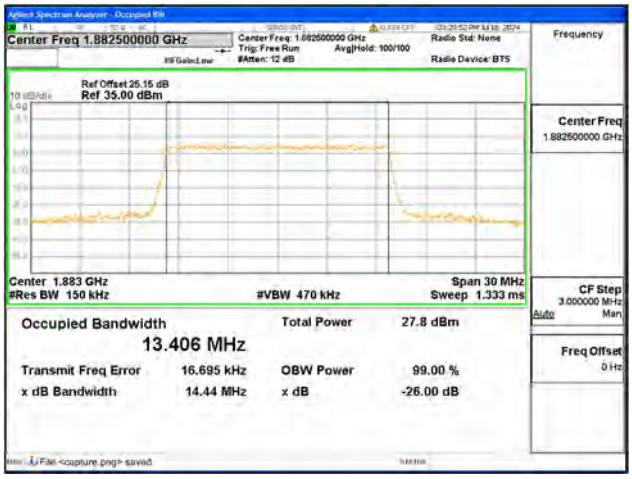
B25 / 15MHz / 64QAM/ Low CH



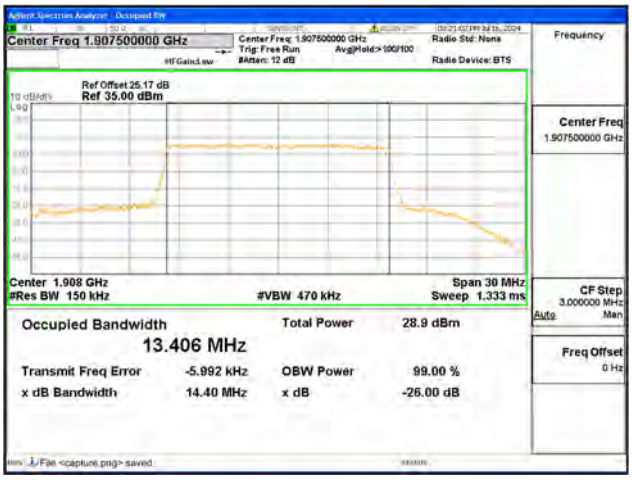
B25 / 15MHz / 16QAM/ Mid CH



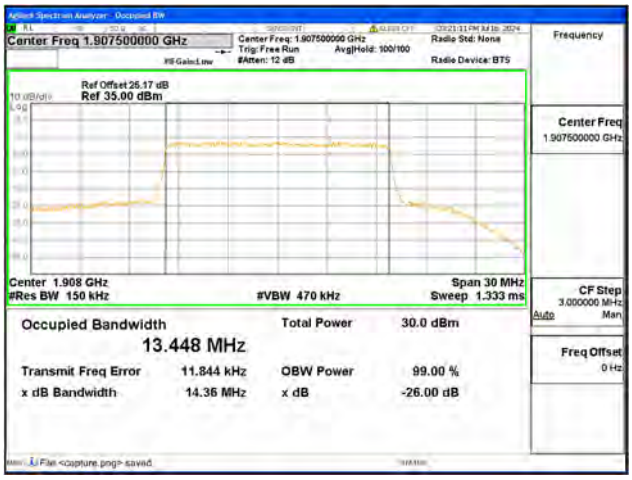
B25 / 15MHz / QPSK/ Mid CH



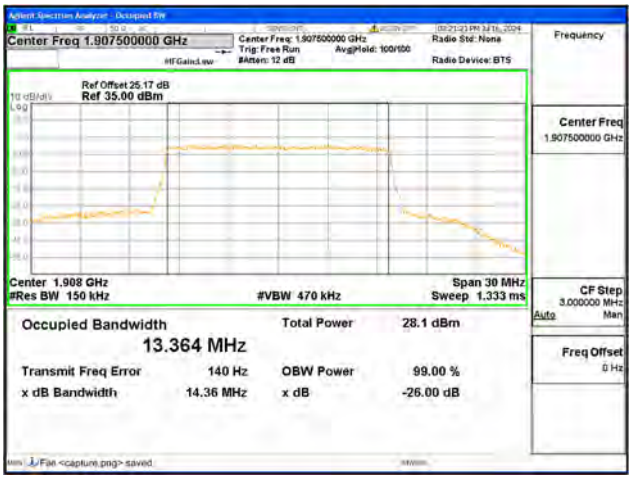
B25 / 15MHz / 64QAM/ Mid CH



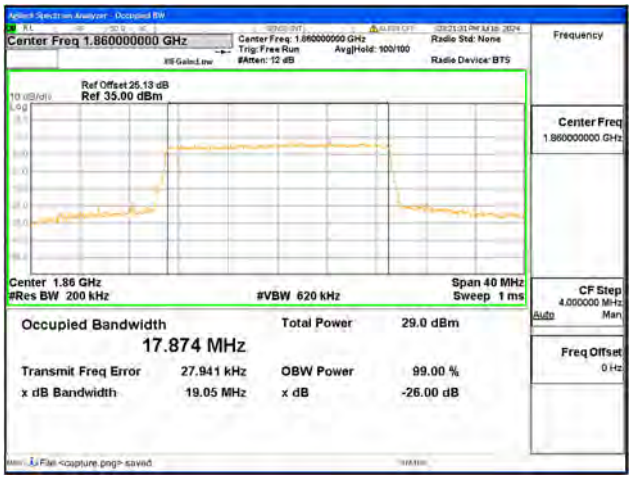
B25 / 15MHz / 16QAM/ High CH



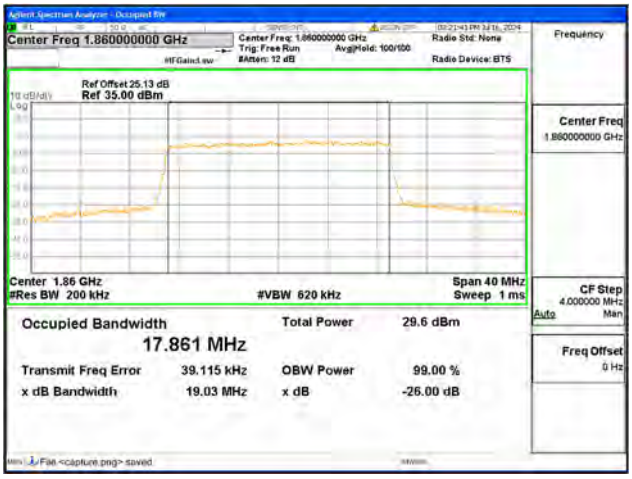
B25 / 15MHz / QPSK/ High CH



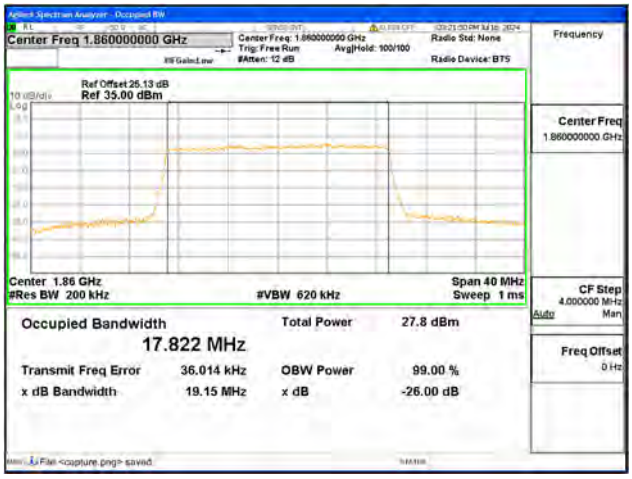
B25 / 15MHz / 64QAM/ High CH



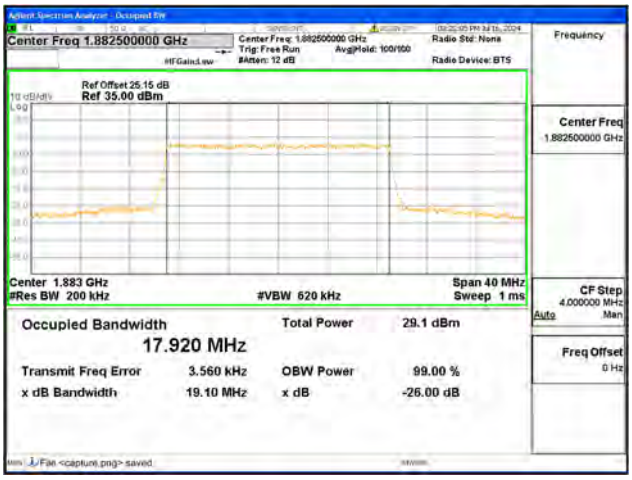
B25 / 20MHz / 16QAM/ Low CH



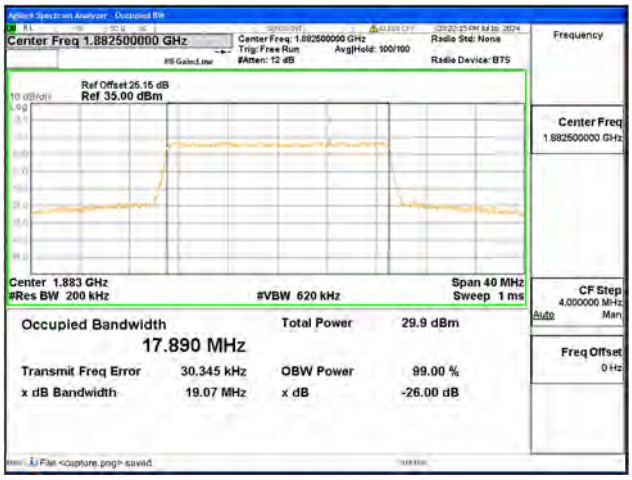
B25 / 20MHz / QPSK/ Low CH



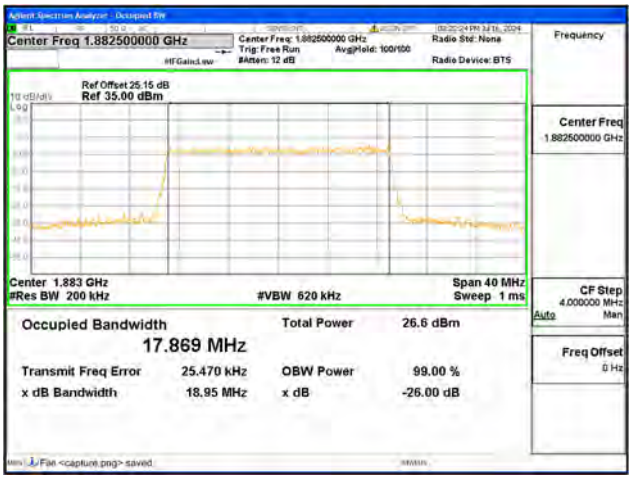
B25 / 20MHz / 64QAM/ Low CH



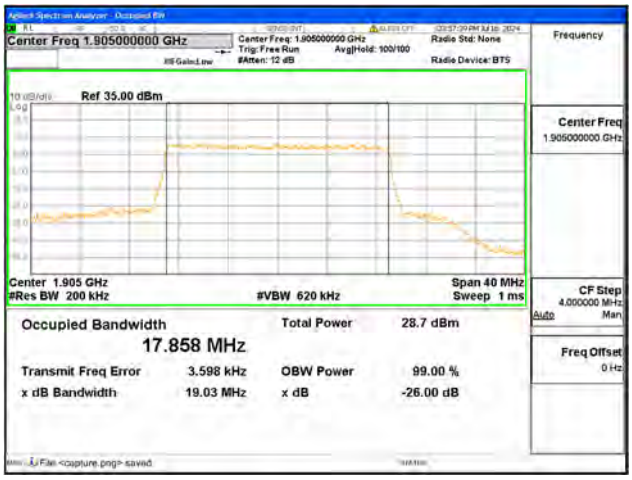
B25 / 20MHz / 16QAM/ Mid CH



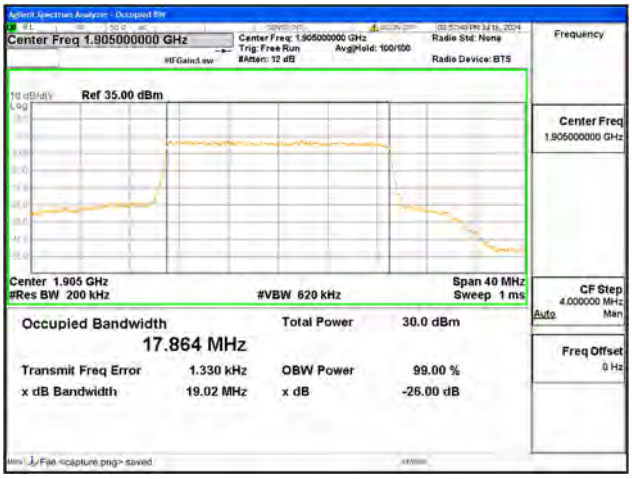
B25 / 20MHz / QPSK/ Mid CH



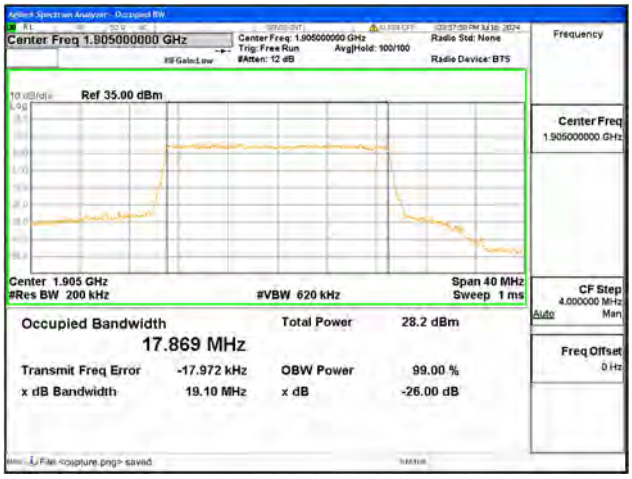
B25 / 20MHz / 64QAM/ Mid CH



B25 / 20MHz / 16QAM/ High CH



B25 / 20MHz / QPSK/ High CH



B25 / 20MHz / 64QAM/ High CH