REPORT No.: SZ23060347W02

TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	G53
BRAND NAME	:	BLU
FCC ID	:	YHLBLUG53W851
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart H&L&M&N
RECEIPT DATE	:	2023-10-20
TEST DATE	:	2023-10-27 to 2023-11-17
ISSUE DATE	:	2023-12-04

Edited by: Peng Mi (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2023-12-04	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 #200 Doral, FL 33166, USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	2#	
Hardware Version:	YK310-MB-V0.1	
Software Version:	BLU_G0851_V13.0.04.04_GENERIC_22-11-2023_2030_DEBUG	
Modulation Type:	QPSK, 16QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 12 / 17 / 25 / 26 / 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 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	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 41	Tx: 2496MHz –2690MHz
		Tx: 2496MHz –2690MHz

Frequency Range:	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 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-1.47dBi
	LTE Band 4	-1.23dBi
	LTE Band 5	-1.48dBi
	LTE Band 12	-1.74dBi
	LTE Band 17	-1.74dBi
	LTE Band 25	-1.47dBi
	LTE Band 26	-1.90dBi
	LTE Band 41	-1.58dBi
	LTE Band 66	-1.23dBi
	LTE Band 71	-2.10dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C966548500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Shenzhen Jiuliyuan Electronic Technology Co., Ltd.

Accessory Information:	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-TY-2001
	Serial No.:	N/A
	Rated Output:	5V⎓2000A
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	SHENZHEN TIANYIN ELECTRONICS CO., LTD.

Note 1: LTE Band 41 supports both power class 2 and class 3. We have evaluated two power classes respectively by performing full test, for Conducted Output Power and E.I.R.P. we recorded the test result of two power classes separately, for other test items we only recorded the worst test result (Class 2) in this report.

Note 2: 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	QPSK	16QAM
20	0.094	0.074	18M0G7D	18M0W7D
15	0.092	0.073	13M5G7D	13M5W7D
10	0.092	0.073	9M02G7D	8M99W7D
5	0.092	0.073	4M50G7D	4M50W7D
3	0.091	0.071	2M69G7D	2M69W7D
1.4	0.090	0.072	1M10G7D	1M10W7D
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.144	0.138	18M0G7D	18M0W7D
15	0.143	0.136	13M5G7D	13M5W7D
10	0.142	0.136	9M01G7D	8M98W7D
5	0.142	0.135	4M50G7D	4M50W7D
3	0.139	0.132	2M69G7D	2M69W7D
1.4	0.141	0.134	1M10G7D	1M10W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.100	0.079	9M00G7D	8M98W7D
5	0.098	0.077	4M50G7D	4M50W7D
3	0.099	0.079	2M69G7D	2M69W7D
1.4	0.097	0.077	1M10G7D	1M10W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.099	0.080	9M02G7D	8M98W7D
5	0.097	0.079	4M51G7D	4M52W7D
3	0.098	0.079	2M70G7D	2M70W7D
1.4	0.096	0.078	1M10G7D	1M10W7D
LTE Band 17	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.091	0.072	9M03G7D	8M99W7D
5	0.090	0.071	4M52G7D	4M52W7D

LTE Band 25	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.094	0.090	18M0G7D	18M0W7D
15	0.092	0.089	13M5G7D	13M5W7D
10	0.093	0.089	9M04G7D	9M00W7D
5	0.092	0.089	4M52G7D	4M52W7D
3	0.092	0.087	2M69G7D	2M70W7D
1.4	0.091	0.088	1M10G7D	1M10W7D
LTE Band 26	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
15	0.080	0.062	13M5G7D	13M5W7D
10	0.078	0.060	9M01G7D	8M97W7D
5	0.078	0.060	4M50G7D	4M50W7D
3	0.078	0.061	2M69G7D	2M70W7D
1.4	0.076	0.060	1M10G7D	1M10W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.175	0.132	18M0G7D	18M0W7D
15	0.173	0.130	13M5G7D	13M5W7D
10	0.173	0.130	9M03G7D	8M99W7D
5	0.172	0.129	4M52G7D	4M52W7D
3	0.169	0.128	2M69G7D	2M70W7D
1.4	0.170	0.129	1M10G7D	1M10W7D
LTE Band 71	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.086	0.065	18M0G7D	18M1W7D
15	0.085	0.064	13M5G7D	13M5W7D
10	0.085	0.064	9M03G7D	8M99W7D
5	0.084	0.064	4M51G7D	4M52W7D

LTE Band 41	Maximum E.R.P./E.I.R.P. (W)			
	Power Class 2		Power Class 3	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.180	0.148	0.077	0.064
15	0.175	0.145	0.076	0.063
10	0.176	0.144	0.074	0.062
5	0.172	0.141	0.074	0.060
LTE Band 41	**Emission Designator (99%OBW)**			
BW(MHz)	QPSK		16QAM	
20	18M0G7D		17M9W7D	
15	13M5G7D		13M5W7D	
10	9M00G7D		8M98W7D	
5	4M50G7D		4M51W7D	

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Nov. 17, 2023	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Nov. 17, 2023	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 17, 2023	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov. 17, 2023	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Nov. 17, 2023	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Nov. 17, 2023	Gan Jing	PASS	No deviation

27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Nov. 03, 2023	Gao Jianrou	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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

2. 47 CFR Part 2, Part 22H, Part 24E, Part 27H&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).

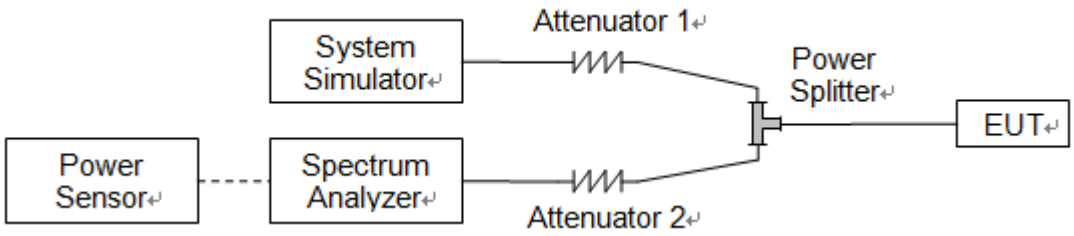
According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and 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 41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

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.

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	21.02	21.18	21.08
20	QPSK	1	49	20.89	21.00	20.91
20	QPSK	1	99	20.79	20.82	20.74
20	QPSK	50	0	19.99	20.01	19.96
20	QPSK	50	24	19.80	19.90	19.88
20	QPSK	50	50	19.86	19.94	19.91
20	QPSK	100	0	19.92	19.97	19.89
20	16QAM	1	0	20.12	20.16	20.07
20	16QAM	1	49	20.00	20.03	19.88
20	16QAM	1	99	19.85	19.85	19.80
20	16QAM	50	0	19.05	19.26	18.99
20	16QAM	50	24	19.14	19.09	19.10
20	16QAM	50	50	18.99	18.90	18.93
20	16QAM	100	0	18.89	18.81	18.84

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	20.95	21.11	20.98
15	QPSK	1	37	20.82	20.92	20.81
15	QPSK	1	74	20.69	20.79	20.65
15	QPSK	36	0	19.96	19.95	19.92
15	QPSK	36	20	19.75	19.79	19.79
15	QPSK	36	39	19.82	19.86	19.83
15	QPSK	75	0	19.88	19.91	19.80
15	16QAM	1	0	20.07	20.13	19.97
15	16QAM	1	37	19.89	19.96	19.79
15	16QAM	1	74	19.76	19.78	19.76
15	16QAM	36	0	18.96	19.16	18.95
15	16QAM	36	20	19.10	19.04	19.04
15	16QAM	36	39	18.92	18.86	18.85
15	16QAM	75	0	18.81	18.78	18.74

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	20.96	21.13	21.04
10	QPSK	1	25	20.82	20.89	20.82
10	QPSK	1	49	20.71	20.75	20.70
10	QPSK	25	0	19.95	19.94	19.91
10	QPSK	25	12	19.74	19.82	19.82
10	QPSK	25	25	19.82	19.86	19.87
10	QPSK	50	0	19.87	19.86	19.83
10	16QAM	1	0	20.04	20.11	20.02
10	16QAM	1	25	19.96	19.98	19.81
10	16QAM	1	49	19.79	19.81	19.71
10	16QAM	25	0	18.97	19.20	18.91
10	16QAM	25	12	19.08	18.99	19.06
10	16QAM	25	25	18.95	18.85	18.88
10	16QAM	50	0	18.79	18.73	18.81

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	20.95	21.09	21.02
5	QPSK	1	12	20.81	20.91	20.83
5	QPSK	1	24	20.76	20.72	20.64
5	QPSK	12	0	19.91	19.90	19.91
5	QPSK	12	7	19.73	19.79	19.82
5	QPSK	12	13	19.77	19.85	19.83
5	QPSK	25	0	19.85	19.87	19.82
5	16QAM	1	0	20.07	20.09	20.02
5	16QAM	1	12	19.93	19.97	19.84
5	16QAM	1	24	19.81	19.82	19.70
5	16QAM	12	0	19.01	19.20	18.95
5	16QAM	12	7	19.04	19.00	19.06
5	16QAM	12	13	18.94	18.87	18.89
5	16QAM	25	0	18.79	18.74	18.78

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	20.85	21.04	20.94
3	QPSK	1	8	20.72	20.87	20.77
3	QPSK	1	14	20.68	20.62	20.60
3	QPSK	8	0	19.84	19.80	19.86
3	QPSK	8	4	19.69	19.72	19.71
3	QPSK	8	7	19.72	19.77	19.74
3	QPSK	15	0	19.82	19.78	19.71
3	16QAM	1	0	19.99	20.01	19.94
3	16QAM	1	8	19.82	19.87	19.81
3	16QAM	1	14	19.75	19.71	19.64
3	16QAM	8	0	18.91	19.15	18.86
3	16QAM	8	4	18.95	18.96	19.01
3	16QAM	8	7	18.91	18.82	18.82
3	16QAM	15	0	18.70	18.63	18.75

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	20.86	21.02	20.94
1.4	QPSK	1	3	20.72	20.88	20.77
1.4	QPSK	1	5	20.67	20.67	20.54
1.4	QPSK	3	0	20.36	20.33	20.33
1.4	QPSK	3	1	20.12	20.26	20.26
1.4	QPSK	3	3	20.23	20.25	20.27
1.4	QPSK	6	0	19.79	19.81	19.78
1.4	16QAM	1	0	20.03	20.00	19.97
1.4	16QAM	1	3	19.82	19.87	19.74
1.4	16QAM	1	5	19.74	19.75	19.60
1.4	16QAM	3	0	19.43	19.66	19.39
1.4	16QAM	3	1	19.47	19.40	19.46
1.4	16QAM	3	3	19.37	19.28	19.34
1.4	16QAM	6	0	18.69	18.65	18.68

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				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.76	22.81	22.72
20	QPSK	1	49	22.59	22.63	22.56
20	QPSK	1	99	22.42	22.43	22.42
20	QPSK	50	0	22.49	22.51	22.36
20	QPSK	50	24	22.42	22.49	22.38
20	QPSK	50	50	22.23	22.30	22.19
20	QPSK	100	0	22.42	22.43	22.32
20	16QAM	1	0	22.59	22.63	22.50
20	16QAM	1	49	22.41	22.58	22.40
20	16QAM	1	99	22.24	22.33	22.25
20	16QAM	50	0	21.61	21.65	21.57
20	16QAM	50	24	21.59	21.54	21.58
20	16QAM	50	50	21.41	21.40	21.42
20	16QAM	100	0	21.27	21.26	21.34

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.70	22.78	22.65
15	QPSK	1	37	22.50	22.58	22.51
15	QPSK	1	74	22.38	22.38	22.37
15	QPSK	36	0	22.42	22.43	22.33
15	QPSK	36	20	22.34	22.44	22.32
15	QPSK	36	39	22.14	22.24	22.09
15	QPSK	75	0	22.48	22.44	22.33
15	16QAM	1	0	22.52	22.55	22.44
15	16QAM	1	37	22.34	22.48	22.34
15	16QAM	1	74	22.18	22.23	22.21
15	16QAM	36	0	21.53	21.62	21.48
15	16QAM	36	20	21.53	21.45	21.52
15	16QAM	36	39	21.35	21.31	21.37
15	16QAM	75	0	21.17	21.17	21.24

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.70	22.74	22.65
10	QPSK	1	25	22.50	22.58	22.45
10	QPSK	1	49	22.38	22.34	22.33
10	QPSK	25	0	22.40	22.46	22.32
10	QPSK	25	12	22.38	22.41	22.33
10	QPSK	25	25	22.13	22.24	22.15
10	QPSK	50	0	22.42	22.46	22.38
10	16QAM	1	0	22.48	22.58	22.44
10	16QAM	1	25	22.38	22.54	22.33
10	16QAM	1	49	22.15	22.28	22.18
10	16QAM	25	0	21.58	21.61	21.52
10	16QAM	25	12	21.52	21.43	21.50
10	16QAM	25	25	21.35	21.35	21.34
10	16QAM	50	0	21.20	21.15	21.24

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.67	22.76	22.66
5	QPSK	1	12	22.56	22.53	22.46
5	QPSK	1	24	22.33	22.40	22.34
5	QPSK	12	0	22.39	22.46	22.26
5	QPSK	12	7	22.31	22.41	22.35
5	QPSK	12	13	22.14	22.22	22.13
5	QPSK	25	0	22.44	22.48	22.35
5	16QAM	1	0	22.49	22.53	22.39
5	16QAM	1	12	22.33	22.53	22.32
5	16QAM	1	24	22.14	22.26	22.21
5	16QAM	12	0	21.58	21.61	21.51
5	16QAM	12	7	21.49	21.50	21.53
5	16QAM	12	13	21.38	21.30	21.36
5	16QAM	25	0	21.21	21.21	21.26

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.58	22.65	22.60
3	QPSK	1	8	22.52	22.50	22.40
3	QPSK	1	14	22.28	22.31	22.27
3	QPSK	8	0	22.30	22.35	22.16
3	QPSK	8	4	22.23	22.36	22.26
3	QPSK	8	7	22.08	22.17	22.07
3	QPSK	15	0	22.33	22.39	22.26
3	16QAM	1	0	22.41	22.45	22.33
3	16QAM	1	8	22.26	22.44	22.26
3	16QAM	1	14	22.06	22.21	22.17
3	16QAM	8	0	21.48	21.52	21.43
3	16QAM	8	4	21.40	21.45	21.44
3	16QAM	8	7	21.35	21.20	21.31
3	16QAM	15	0	21.14	21.11	21.16

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.57	22.72	22.62
1.4	QPSK	1	3	22.48	22.42	22.42
1.4	QPSK	1	5	22.29	22.33	22.26
1.4	QPSK	3	0	22.34	22.41	22.20
1.4	QPSK	3	1	22.28	22.31	22.28
1.4	QPSK	3	3	22.06	22.13	22.08
1.4	QPSK	6	0	22.34	22.43	22.30
1.4	16QAM	1	0	22.44	22.42	22.29
1.4	16QAM	1	3	22.29	22.49	22.25
1.4	16QAM	1	5	22.07	22.17	22.17
1.4	16QAM	3	0	22.24	22.23	22.12
1.4	16QAM	3	1	22.09	22.13	22.15
1.4	16QAM	3	3	22.01	22.09	22.16
1.4	16QAM	6	0	21.17	21.17	21.16

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	23.58	23.61	23.54
10	QPSK	1	25	23.50	23.44	23.34
10	QPSK	1	49	23.37	23.29	23.25
10	QPSK	25	0	22.50	22.52	22.39
10	QPSK	25	12	22.42	22.23	22.26
10	QPSK	25	25	22.27	22.12	22.12
10	QPSK	50	0	22.18	22.19	21.98
10	16QAM	1	0	22.63	22.51	22.56
10	16QAM	1	25	22.45	22.37	22.47
10	16QAM	1	49	22.27	22.23	22.36
10	16QAM	25	0	21.48	21.41	21.52
10	16QAM	25	12	21.43	21.32	21.52
10	16QAM	25	25	21.34	21.33	21.52
10	16QAM	50	0	21.15	21.21	21.37

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	23.51	23.53	23.45
5	QPSK	1	12	23.44	23.34	23.23
5	QPSK	1	24	23.27	23.23	23.17
5	QPSK	12	0	22.39	22.48	22.31
5	QPSK	12	7	22.35	22.19	22.16
5	QPSK	12	13	22.22	22.03	22.07
5	QPSK	25	0	22.10	22.14	21.94
5	16QAM	1	0	22.52	22.41	22.49
5	16QAM	1	12	22.34	22.26	22.37
5	16QAM	1	24	22.20	22.16	22.32
5	16QAM	12	0	21.39	21.35	21.42
5	16QAM	12	7	21.39	21.26	21.48
5	16QAM	12	13	21.29	21.22	21.45
5	16QAM	25	0	21.05	21.17	21.33

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	23.48	23.57	23.51
3	QPSK	1	8	23.42	23.33	23.30
3	QPSK	1	14	23.33	23.23	23.19
3	QPSK	8	0	22.44	22.45	22.36
3	QPSK	8	4	22.33	22.14	22.16
3	QPSK	8	7	22.23	22.03	22.07
3	QPSK	15	0	22.10	22.12	21.90
3	16QAM	1	0	22.59	22.42	22.52
3	16QAM	1	8	22.38	22.30	22.44
3	16QAM	1	14	22.19	22.19	22.31
3	16QAM	8	0	21.38	21.32	21.44
3	16QAM	8	4	21.33	21.28	21.43
3	16QAM	8	7	21.26	21.25	21.41
3	16QAM	15	0	21.07	21.15	21.31

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.41	23.49	23.44
1.4	QPSK	1	3	23.37	23.32	23.18
1.4	QPSK	1	5	23.27	23.13	23.10
1.4	QPSK	3	0	22.94	22.91	22.76
1.4	QPSK	3	1	22.80	22.56	22.62
1.4	QPSK	3	3	22.69	22.52	22.58
1.4	QPSK	6	0	22.07	22.09	21.81
1.4	16QAM	1	0	22.47	22.42	22.37
1.4	16QAM	1	3	22.29	22.25	22.31
1.4	16QAM	1	5	22.14	22.14	22.26
1.4	16QAM	3	0	21.87	21.73	21.83
1.4	16QAM	3	1	21.82	21.65	21.86
1.4	16QAM	3	3	21.69	21.70	21.92
1.4	16QAM	6	0	20.99	21.06	21.23

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	23.53	23.58	23.46
10	QPSK	1	25	23.43	23.50	23.31
10	QPSK	1	49	23.23	23.31	23.23
10	QPSK	25	0	22.43	22.47	22.36
10	QPSK	25	12	22.26	22.35	22.16
10	QPSK	25	25	22.10	22.19	22.02
10	QPSK	50	0	21.98	22.03	21.91
10	16QAM	1	0	22.56	22.63	22.51
10	16QAM	1	25	22.42	22.53	22.42
10	16QAM	1	49	22.23	22.34	22.26
10	16QAM	25	0	21.41	21.50	21.39
10	16QAM	25	12	21.27	21.34	21.29
10	16QAM	25	25	21.28	21.42	21.33
10	16QAM	50	0	21.12	21.33	21.17

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.43	23.50	23.42
5	QPSK	1	12	23.40	23.44	23.20
5	QPSK	1	24	23.19	23.23	23.19
5	QPSK	12	0	22.38	22.43	22.26
5	QPSK	12	7	22.15	22.27	22.07
5	QPSK	12	13	22.05	22.11	21.98
5	QPSK	25	0	21.88	21.93	21.85
5	16QAM	1	0	22.51	22.58	22.44
5	16QAM	1	12	22.38	22.45	22.31
5	16QAM	1	24	22.19	22.28	22.23
5	16QAM	12	0	21.33	21.44	21.35
5	16QAM	12	7	21.23	21.29	21.23
5	16QAM	12	13	21.22	21.33	21.24
5	16QAM	25	0	21.07	21.23	21.12

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	23.42	23.52	23.35
3	QPSK	1	8	23.38	23.41	23.21
3	QPSK	1	14	23.19	23.23	23.13
3	QPSK	8	0	22.32	22.37	22.32
3	QPSK	8	4	22.21	22.30	22.07
3	QPSK	8	7	22.04	22.11	21.97
3	QPSK	15	0	21.91	22.00	21.87
3	16QAM	1	0	22.49	22.58	22.43
3	16QAM	1	8	22.33	22.49	22.38
3	16QAM	1	14	22.12	22.27	22.20
3	16QAM	8	0	21.34	21.41	21.35
3	16QAM	8	4	21.21	21.27	21.22
3	16QAM	8	7	21.22	21.32	21.23
3	16QAM	15	0	21.06	21.27	21.11

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	23.44	23.46	23.29
1.4	QPSK	1	3	23.29	23.38	23.18
1.4	QPSK	1	5	23.10	23.19	23.12
1.4	QPSK	3	0	22.78	22.85	22.73
1.4	QPSK	3	1	22.63	22.67	22.55
1.4	QPSK	3	3	22.52	22.71	22.51
1.4	QPSK	6	0	21.78	21.87	21.80
1.4	16QAM	1	0	22.40	22.54	22.32
1.4	16QAM	1	3	22.30	22.41	22.30
1.4	16QAM	1	5	22.11	22.21	22.10
1.4	16QAM	3	0	21.75	21.84	21.78
1.4	16QAM	3	1	21.66	21.70	21.72
1.4	16QAM	3	3	21.64	21.80	21.69
1.4	16QAM	6	0	20.98	21.19	20.99

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	23.38	23.51	23.47
10	QPSK	1	25	23.30	23.40	23.27
10	QPSK	1	49	23.16	23.26	23.13
10	QPSK	25	0	22.21	22.42	22.23
10	QPSK	25	12	22.12	22.22	22.10
10	QPSK	25	25	21.96	22.13	21.98
10	QPSK	50	0	21.82	21.99	21.86
10	16QAM	1	0	22.45	22.48	22.46
10	16QAM	1	25	22.29	22.32	22.28
10	16QAM	1	49	22.18	22.15	22.13
10	16QAM	25	0	21.39	21.34	21.25
10	16QAM	25	12	21.21	21.19	21.12
10	16QAM	25	25	21.28	21.22	21.22
10	16QAM	50	0	21.12	21.09	21.10

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	23.29	23.45	23.37
5	QPSK	1	12	23.25	23.32	23.23
5	QPSK	1	24	23.11	23.18	23.04
5	QPSK	12	0	22.11	22.33	22.15
5	QPSK	12	7	22.08	22.12	22.00
5	QPSK	12	13	21.89	22.02	21.90
5	QPSK	25	0	21.71	21.89	21.79
5	16QAM	1	0	22.40	22.43	22.40
5	16QAM	1	12	22.20	22.22	22.23
5	16QAM	1	24	22.09	22.05	22.06
5	16QAM	12	0	21.30	21.25	21.14
5	16QAM	12	7	21.17	21.15	21.07
5	16QAM	12	13	21.18	21.13	21.18
5	16QAM	25	0	21.01	21.00	21.03

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	21.17	21.19	21.11
20	QPSK	1	49	20.96	20.99	20.95
20	QPSK	1	99	20.86	20.95	20.78
20	QPSK	50	0	20.99	21.01	20.95
20	QPSK	50	24	20.89	20.78	20.77
20	QPSK	50	50	20.72	20.77	20.73
20	QPSK	100	0	20.88	20.81	20.78
20	16QAM	1	0	21.00	20.98	20.97
20	16QAM	1	49	20.93	20.97	20.84
20	16QAM	1	99	20.75	20.82	20.70
20	16QAM	50	0	19.83	19.99	19.87
20	16QAM	50	24	19.70	19.86	19.73
20	16QAM	50	50	19.62	19.74	19.67
20	16QAM	100	0	19.63	19.65	19.60

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				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	21.08	21.14	21.05
15	QPSK	1	37	20.92	20.90	20.87
15	QPSK	1	74	20.81	20.91	20.75
15	QPSK	36	0	20.93	20.94	20.86
15	QPSK	36	20	20.80	20.67	20.67
15	QPSK	36	39	20.63	20.74	20.65
15	QPSK	75	0	20.83	20.78	20.67
15	16QAM	1	0	20.95	20.91	20.87
15	16QAM	1	37	20.87	20.86	20.78
15	16QAM	1	74	20.70	20.72	20.60
15	16QAM	36	0	19.75	19.92	19.78
15	16QAM	36	20	19.62	19.80	19.68
15	16QAM	36	39	19.52	19.70	19.59
15	16QAM	75	0	19.59	19.56	19.52

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	21.12	21.16	21.04
10	QPSK	1	25	20.88	20.89	20.84
10	QPSK	1	49	20.79	20.89	20.73
10	QPSK	25	0	20.96	20.98	20.90
10	QPSK	25	12	20.78	20.70	20.67
10	QPSK	25	25	20.63	20.69	20.63
10	QPSK	50	0	20.83	20.71	20.68
10	16QAM	1	0	20.97	20.93	20.91
10	16QAM	1	25	20.82	20.94	20.78
10	16QAM	1	49	20.68	20.73	20.64
10	16QAM	25	0	19.78	19.94	19.83
10	16QAM	25	12	19.66	19.79	19.66
10	16QAM	25	25	19.56	19.63	19.63
10	16QAM	50	0	19.55	19.56	19.54

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				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	21.11	21.14	21.01
5	QPSK	1	12	20.88	20.93	20.91
5	QPSK	1	24	20.79	20.86	20.73
5	QPSK	12	0	20.89	20.94	20.90
5	QPSK	12	7	20.83	20.73	20.73
5	QPSK	12	13	20.65	20.71	20.63
5	QPSK	25	0	20.80	20.72	20.69
5	16QAM	1	0	20.96	20.93	20.93
5	16QAM	1	12	20.86	20.91	20.77
5	16QAM	1	24	20.68	20.76	20.66
5	16QAM	12	0	19.72	19.90	19.77
5	16QAM	12	7	19.61	19.76	19.64
5	16QAM	12	13	19.56	19.65	19.63
5	16QAM	25	0	19.57	19.55	19.52

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	21.00	21.10	21.02
3	QPSK	1	8	20.82	20.87	20.82
3	QPSK	1	14	20.67	20.77	20.65
3	QPSK	8	0	20.83	20.88	20.74
3	QPSK	8	4	20.79	20.67	20.66
3	QPSK	8	7	20.54	20.69	20.56
3	QPSK	15	0	20.75	20.62	20.60
3	16QAM	1	0	20.90	20.84	20.85
3	16QAM	1	8	20.83	20.89	20.73
3	16QAM	1	14	20.68	20.74	20.58
3	16QAM	8	0	19.74	19.89	19.69
3	16QAM	8	4	19.52	19.72	19.59
3	16QAM	8	7	19.52	19.64	19.47
3	16QAM	15	0	19.47	19.50	19.46

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	21.04	21.09	21.01
1.4	QPSK	1	3	20.82	20.88	20.76
1.4	QPSK	1	5	20.68	20.78	20.67
1.4	QPSK	3	0	20.81	20.85	20.77
1.4	QPSK	3	1	20.73	20.65	20.63
1.4	QPSK	3	3	20.53	20.62	20.61
1.4	QPSK	6	0	20.73	20.64	20.61
1.4	16QAM	1	0	20.91	20.89	20.84
1.4	16QAM	1	3	20.81	20.87	20.72
1.4	16QAM	1	5	20.67	20.72	20.56
1.4	16QAM	3	0	20.48	20.71	20.46
1.4	16QAM	3	1	20.32	20.49	20.38
1.4	16QAM	3	3	20.30	20.42	20.30
1.4	16QAM	6	0	19.54	19.49	19.48

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	23.07	23.03	23.04
15	QPSK	1	37	22.98	22.93	22.91
15	QPSK	1	74	22.78	22.79	22.81
15	QPSK	36	0	21.98	21.93	21.97
15	QPSK	36	20	21.77	21.79	21.87
15	QPSK	36	39	21.65	21.72	21.79
15	QPSK	75	0	21.64	21.59	21.62
15	16QAM	1	0	21.96	21.91	21.93
15	16QAM	1	37	21.85	21.79	21.82
15	16QAM	1	74	21.75	21.67	21.67
15	16QAM	36	0	20.92	20.82	20.83
15	16QAM	36	20	20.73	20.71	20.74
15	16QAM	36	39	20.65	20.63	20.69
15	16QAM	75	0	20.47	20.48	20.53

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	836.5	844
10	QPSK	1	0	22.93	22.87	22.99
10	QPSK	1	25	22.74	22.74	22.84
10	QPSK	1	49	22.63	22.65	22.75
10	QPSK	25	0	21.77	21.79	21.89
10	QPSK	25	12	21.72	21.78	21.80
10	QPSK	25	25	21.74	21.66	21.76
10	QPSK	50	0	21.49	21.51	21.58
10	16QAM	1	0	21.78	21.75	21.83
10	16QAM	1	25	21.69	21.61	21.72
10	16QAM	1	49	21.54	21.53	21.64
10	16QAM	25	0	20.69	20.74	20.76
10	16QAM	25	12	20.59	20.66	20.69
10	16QAM	25	25	20.63	20.53	20.65
10	16QAM	50	0	20.43	20.42	20.50

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.93	22.89	22.96
5	QPSK	1	12	22.82	22.81	22.87
5	QPSK	1	24	22.69	22.73	22.76
5	QPSK	12	0	21.82	21.81	21.89
5	QPSK	12	7	21.76	21.77	21.79
5	QPSK	12	13	21.67	21.66	21.74
5	QPSK	25	0	21.47	21.46	21.52
5	16QAM	1	0	21.83	21.81	21.84
5	16QAM	1	12	21.69	21.70	21.79
5	16QAM	1	24	21.51	21.53	21.62
5	16QAM	12	0	20.64	20.69	20.74
5	16QAM	12	7	20.66	20.68	20.70
5	16QAM	12	13	20.65	20.64	20.66
5	16QAM	25	0	20.34	20.38	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				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.88	22.90	22.96
3	QPSK	1	8	22.85	22.83	22.86
3	QPSK	1	14	22.70	22.69	22.73
3	QPSK	8	0	21.76	21.84	21.87
3	QPSK	8	4	21.70	21.73	21.77
3	QPSK	8	7	21.62	21.65	21.70
3	QPSK	15	0	21.52	21.57	21.58
3	16QAM	1	0	21.87	21.82	21.88
3	16QAM	1	8	21.67	21.75	21.78
3	16QAM	1	14	21.56	21.49	21.57
3	16QAM	8	0	20.70	20.66	20.72
3	16QAM	8	4	20.63	20.55	20.66
3	16QAM	8	7	20.53	20.57	20.58
3	16QAM	15	0	20.35	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				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.75	22.82	22.87
1.4	QPSK	1	3	22.69	22.74	22.75
1.4	QPSK	1	5	22.59	22.61	22.64
1.4	QPSK	3	0	22.21	22.25	22.28
1.4	QPSK	3	1	22.17	22.10	22.20
1.4	QPSK	3	3	22.12	22.12	22.17
1.4	QPSK	6	0	21.41	21.43	21.49
1.4	16QAM	1	0	21.79	21.80	21.81
1.4	16QAM	1	3	21.58	21.65	21.68
1.4	16QAM	1	5	21.46	21.46	21.49
1.4	16QAM	3	0	21.14	21.07	21.15
1.4	16QAM	3	1	21.05	21.04	21.12
1.4	16QAM	3	3	21.01	21.02	21.07
1.4	16QAM	6	0	20.36	20.26	20.37

LTE Band 41(Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.98	24.13	24.02
20	QPSK	1	49	23.89	24.03	23.80
20	QPSK	1	99	23.74	23.90	23.66
20	QPSK	50	0	22.96	23.14	22.90
20	QPSK	50	24	22.82	22.96	22.81
20	QPSK	50	50	22.68	22.78	22.66
20	QPSK	100	0	22.55	22.68	22.52
20	16QAM	1	0	23.01	23.27	22.98
20	16QAM	1	49	22.84	23.14	22.80
20	16QAM	1	99	22.72	23.03	22.66
20	16QAM	50	0	21.91	22.20	21.77
20	16QAM	50	24	21.78	22.02	21.64
20	16QAM	50	50	21.68	21.89	21.45
20	16QAM	100	0	21.55	21.76	21.27

LTE Band 41(Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.90	24.00	23.83
15	QPSK	1	37	23.85	23.98	23.72
15	QPSK	1	74	23.66	23.83	23.56
15	QPSK	36	0	22.86	23.04	22.85
15	QPSK	36	20	22.74	22.91	22.71
15	QPSK	36	39	22.58	22.71	22.56
15	QPSK	75	0	22.51	22.60	22.46
15	16QAM	1	0	22.94	23.20	22.91
15	16QAM	1	37	22.73	23.08	22.82
15	16QAM	1	74	22.65	22.99	22.73
15	16QAM	36	0	21.80	22.11	21.83
15	16QAM	36	20	21.68	21.93	21.67
15	16QAM	36	39	21.64	21.80	21.61
15	16QAM	75	0	21.51	21.66	21.43

LTE Band 41(Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.94	24.04	23.79
10	QPSK	1	25	23.83	23.95	23.77
10	QPSK	1	49	23.64	23.82	23.57
10	QPSK	25	0	22.91	23.08	22.80
10	QPSK	25	12	22.79	22.86	22.76
10	QPSK	25	25	22.59	22.69	22.58
10	QPSK	50	0	22.52	22.63	22.51
10	16QAM	1	0	22.98	23.16	22.88
10	16QAM	1	25	22.78	23.10	22.83
10	16QAM	1	49	22.68	22.99	22.71
10	16QAM	25	0	21.85	22.10	21.86
10	16QAM	25	12	21.73	21.92	21.70
10	16QAM	25	25	21.59	21.80	21.56
10	16QAM	50	0	21.46	21.68	21.45

LTE Band 41(Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.90	23.94	23.68
5	QPSK	1	12	23.73	23.85	23.61
5	QPSK	1	24	23.60	23.78	23.44
5	QPSK	12	0	22.87	22.98	22.68
5	QPSK	12	7	22.70	22.79	22.60
5	QPSK	12	13	22.50	22.65	22.43
5	QPSK	25	0	22.41	22.56	22.37
5	16QAM	1	0	22.89	23.06	22.77
5	16QAM	1	12	22.69	23.06	22.73
5	16QAM	1	24	22.59	22.95	22.54
5	16QAM	12	0	21.74	22.02	21.80
5	16QAM	12	7	21.63	21.86	21.47
5	16QAM	12	13	21.52	21.73	21.39
5	16QAM	25	0	21.40	21.63	21.35

LTE Band 41(Power Class 3)						
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	20.24	20.43	20.36
20	QPSK	1	49	20.09	20.30	20.17
20	QPSK	1	99	19.99	20.15	20.02
20	QPSK	50	0	19.29	19.54	19.51
20	QPSK	50	24	19.16	19.31	19.42
20	QPSK	50	50	19.05	19.20	19.29
20	QPSK	100	0	18.74	19.01	18.84
20	16QAM	1	0	19.25	19.61	19.51
20	16QAM	1	49	19.16	19.53	19.43
20	16QAM	1	99	18.96	19.34	19.33
20	16QAM	50	0	18.25	18.62	18.54
20	16QAM	50	24	18.10	18.52	18.37
20	16QAM	50	50	17.96	18.32	18.26
20	16QAM	100	0	17.77	18.18	18.16

LTE Band 41(Power Class 3)						
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	20.19	20.36	20.24
15	QPSK	1	37	20.04	20.23	20.16
15	QPSK	1	74	19.91	20.06	20.08
15	QPSK	36	0	19.09	19.33	19.31
15	QPSK	36	20	18.96	19.11	19.22
15	QPSK	36	39	18.85	19.00	19.09
15	QPSK	75	0	18.71	18.82	18.93
15	16QAM	1	0	19.18	19.54	19.47
15	16QAM	1	37	19.13	19.45	19.34
15	16QAM	1	74	18.91	19.24	19.24
15	16QAM	36	0	18.15	18.54	18.48
15	16QAM	36	20	18.02	18.45	18.43
15	16QAM	36	39	17.85	18.26	18.26
15	16QAM	75	0	17.72	18.12	18.14

LTE Band 41(Power Class 3)						
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	20.12	20.30	20.24
10	QPSK	1	25	19.98	20.19	20.03
10	QPSK	1	49	19.83	20.00	20.00
10	QPSK	25	0	19.02	19.23	19.29
10	QPSK	25	12	18.88	19.03	19.17
10	QPSK	25	25	18.76	18.91	19.03
10	QPSK	50	0	18.66	18.76	18.88
10	16QAM	1	0	19.13	19.47	19.36
10	16QAM	1	25	19.03	19.41	19.27
10	16QAM	1	49	18.80	19.14	19.13
10	16QAM	25	0	18.04	18.50	18.43
10	16QAM	25	12	17.95	18.37	18.31
10	16QAM	25	25	17.74	18.21	18.21
10	16QAM	50	0	17.61	18.02	18.08

LTE Band 41(Power Class 3)						
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	20.05	20.27	20.21
5	QPSK	1	12	19.92	20.15	20.00
5	QPSK	1	24	19.80	19.93	19.95
5	QPSK	12	0	18.94	19.14	19.18
5	QPSK	12	7	18.80	18.94	19.02
5	QPSK	12	13	18.68	18.87	18.96
5	QPSK	25	0	18.60	18.67	18.74
5	16QAM	1	0	19.04	19.37	19.33
5	16QAM	1	12	18.93	19.32	19.23
5	16QAM	1	24	18.72	19.03	19.02
5	16QAM	12	0	17.94	18.42	18.34
5	16QAM	12	7	17.87	18.31	18.25
5	16QAM	12	13	17.70	18.13	18.18
5	16QAM	25	0	17.52	17.95	18.00

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.61	23.67	23.60
20	QPSK	1	49	23.44	23.50	23.45
20	QPSK	1	99	23.28	23.34	23.27
20	QPSK	50	0	22.49	22.52	22.47
20	QPSK	50	24	22.38	22.29	22.36
20	QPSK	50	50	22.26	22.12	22.24
20	QPSK	100	0	22.32	22.35	22.26
20	16QAM	1	0	22.42	22.39	22.43
20	16QAM	1	49	22.32	22.28	22.34
20	16QAM	1	99	22.18	22.12	22.25
20	16QAM	50	0	21.37	21.27	21.46
20	16QAM	50	24	21.19	21.17	21.38
20	16QAM	50	50	21.08	20.99	21.29
20	16QAM	100	0	20.88	20.89	21.18

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.57	23.60	23.51
15	QPSK	1	37	23.39	23.42	23.35
15	QPSK	1	74	23.22	23.29	23.23
15	QPSK	36	0	22.43	22.48	22.43
15	QPSK	36	20	22.28	22.18	22.29
15	QPSK	36	39	22.22	22.06	22.19
15	QPSK	75	0	22.02	22.11	22.01
15	16QAM	1	0	22.32	22.29	22.38
15	16QAM	1	37	22.26	22.22	22.31
15	16QAM	1	74	22.07	22.07	22.15
15	16QAM	36	0	21.30	21.21	21.38
15	16QAM	36	20	21.13	21.09	21.33
15	16QAM	36	39	21.03	20.93	21.19
15	16QAM	75	0	20.79	20.85	21.13

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.55	23.60	23.50
10	QPSK	1	25	23.37	23.44	23.41
10	QPSK	1	49	23.20	23.26	23.21
10	QPSK	25	0	22.42	22.44	22.37
10	QPSK	25	12	22.27	22.21	22.25
10	QPSK	25	25	22.22	22.07	22.21
10	QPSK	50	0	22.09	22.09	22.00
10	16QAM	1	0	22.31	22.32	22.37
10	16QAM	1	25	22.25	22.18	22.24
10	16QAM	1	49	22.07	22.02	22.16
10	16QAM	25	0	21.28	21.21	21.42
10	16QAM	25	12	21.10	21.10	21.33
10	16QAM	25	25	21.01	20.95	21.24
10	16QAM	50	0	20.85	20.84	21.12

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.57	23.58	23.49
5	QPSK	1	12	23.33	23.43	23.40
5	QPSK	1	24	23.23	23.24	23.18
5	QPSK	12	0	22.39	22.45	22.44
5	QPSK	12	7	22.31	22.22	22.28
5	QPSK	12	13	22.18	22.02	22.16
5	QPSK	25	0	22.02	22.07	21.99
5	16QAM	1	0	22.31	22.33	22.34
5	16QAM	1	12	22.22	22.24	22.25
5	16QAM	1	24	22.08	22.04	22.16
5	16QAM	12	0	21.27	21.23	21.40
5	16QAM	12	7	21.14	21.08	21.32
5	16QAM	12	13	21.05	20.92	21.24
5	16QAM	25	0	20.80	20.85	21.08

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	23.47	23.50	23.47
3	QPSK	1	8	23.33	23.35	23.28
3	QPSK	1	14	23.13	23.26	23.18
3	QPSK	8	0	22.37	22.38	22.30
3	QPSK	8	4	22.23	22.15	22.22
3	QPSK	8	7	22.07	21.99	22.11
3	QPSK	15	0	22.00	22.03	21.94
3	16QAM	1	0	22.24	22.19	22.31
3	16QAM	1	8	22.12	22.14	22.23
3	16QAM	1	14	22.04	21.93	22.10
3	16QAM	8	0	21.23	21.14	21.31
3	16QAM	8	4	21.09	21.03	21.21
3	16QAM	8	7	20.99	20.83	21.17
3	16QAM	15	0	20.72	20.76	21.02

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	23.48	23.54	23.50
1.4	QPSK	1	3	23.29	23.39	23.31
1.4	QPSK	1	5	23.15	23.27	23.21
1.4	QPSK	3	0	22.83	22.84	22.79
1.4	QPSK	3	1	22.75	22.63	22.69
1.4	QPSK	3	3	22.61	22.68	22.64
1.4	QPSK	6	0	22.03	22.01	21.96
1.4	16QAM	1	0	22.26	22.25	22.35
1.4	16QAM	1	3	22.18	22.16	22.20
1.4	16QAM	1	5	22.02	21.92	22.13
1.4	16QAM	3	0	21.65	21.70	21.86
1.4	16QAM	3	1	21.57	21.50	21.69
1.4	16QAM	3	3	21.63	21.55	21.65
1.4	16QAM	6	0	20.76	20.72	21.06

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	23.53	23.58	23.48
20	QPSK	1	49	23.34	23.42	23.35
20	QPSK	1	99	23.15	23.25	23.21
20	QPSK	50	0	22.30	22.44	22.43
20	QPSK	50	24	22.11	22.32	22.32
20	QPSK	50	50	21.98	22.12	22.20
20	QPSK	100	0	21.86	22.11	22.08
20	16QAM	1	0	22.25	22.39	22.35
20	16QAM	1	49	22.10	22.20	22.18
20	16QAM	1	99	21.97	22.07	22.00
20	16QAM	50	0	21.18	21.21	21.17
20	16QAM	50	24	21.07	21.07	21.03
20	16QAM	50	50	20.97	20.93	20.88
20	16QAM	100	0	20.94	20.85	20.90

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)				670.8	680.5	690.5
15	QPSK	1	0	23.48	23.52	23.43
15	QPSK	1	37	23.25	23.33	23.27
15	QPSK	1	74	23.09	23.20	23.11
15	QPSK	36	0	22.20	22.36	22.40
15	QPSK	36	20	22.05	22.27	22.24
15	QPSK	36	39	21.92	22.06	22.10
15	QPSK	75	0	21.81	22.05	22.00
15	16QAM	1	0	22.18	22.32	22.29
15	16QAM	1	37	22.00	22.12	22.10
15	16QAM	1	74	21.89	21.97	21.92
15	16QAM	36	0	21.09	21.12	21.11
15	16QAM	36	20	21.03	21.00	20.93
15	16QAM	36	39	20.93	20.85	20.79
15	16QAM	75	0	20.86	20.77	20.87

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	23.49	23.54	23.43
10	QPSK	1	25	23.28	23.36	23.31
10	QPSK	1	49	23.05	23.19	23.14
10	QPSK	25	0	22.21	22.35	22.40
10	QPSK	25	12	22.06	22.23	22.26
10	QPSK	25	25	21.91	22.06	22.16
10	QPSK	50	0	21.77	22.00	22.03
10	16QAM	1	0	22.19	22.32	22.26
10	16QAM	1	25	22.03	22.13	22.08
10	16QAM	1	49	21.92	22.01	21.96
10	16QAM	25	0	21.10	21.12	21.08
10	16QAM	25	12	20.98	21.01	20.97
10	16QAM	25	25	20.90	20.88	20.82
10	16QAM	50	0	20.86	20.77	20.85

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	23.49	23.48	23.42
5	QPSK	1	12	23.25	23.32	23.31
5	QPSK	1	24	23.11	23.16	23.12
5	QPSK	12	0	22.22	22.33	22.33
5	QPSK	12	7	22.03	22.21	22.22
5	QPSK	12	13	21.94	22.06	22.10
5	QPSK	25	0	21.79	22.05	22.03
5	16QAM	1	0	22.20	22.29	22.26
5	16QAM	1	12	22.06	22.13	22.10
5	16QAM	1	24	21.87	21.98	21.91
5	16QAM	12	0	21.11	21.18	21.12
5	16QAM	12	7	21.02	21.03	20.93
5	16QAM	12	13	20.92	20.87	20.85
5	16QAM	25	0	20.89	20.80	20.81

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	19.55	0.090	19.71	0.094	19.61	0.091
20	QPSK	1	49	19.42	0.087	19.53	0.090	19.44	0.088
20	QPSK	1	99	19.32	0.086	19.35	0.086	19.27	0.085
20	QPSK	50	0	18.52	0.071	18.54	0.071	18.49	0.071
20	QPSK	50	24	18.33	0.068	18.43	0.070	18.41	0.069
20	QPSK	50	50	18.39	0.069	18.47	0.070	18.44	0.070
20	QPSK	100	0	18.45	0.070	18.50	0.071	18.42	0.070
20	16QAM	1	0	18.65	0.073	18.69	0.074	18.60	0.072
20	16QAM	1	49	18.53	0.071	18.56	0.072	18.41	0.069
20	16QAM	1	99	18.38	0.069	18.38	0.069	18.33	0.068
20	16QAM	50	0	17.58	0.057	17.79	0.060	17.52	0.056
20	16QAM	50	24	17.67	0.058	17.62	0.058	17.63	0.058
20	16QAM	50	50	17.52	0.056	17.43	0.055	17.46	0.056
20	16QAM	100	0	17.42	0.055	17.34	0.054	17.37	0.055

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	19.48	0.089	19.64	0.092	19.51	0.089
15	QPSK	1	37	19.35	0.086	19.45	0.088	19.34	0.086
15	QPSK	1	74	19.22	0.084	19.32	0.086	19.18	0.083
15	QPSK	36	0	18.49	0.071	18.48	0.070	18.45	0.070
15	QPSK	36	20	18.28	0.067	18.32	0.068	18.32	0.068
15	QPSK	36	39	18.35	0.068	18.39	0.069	18.36	0.069
15	QPSK	75	0	18.41	0.069	18.44	0.070	18.33	0.068
15	16QAM	1	0	18.60	0.072	18.66	0.073	18.50	0.071
15	16QAM	1	37	18.42	0.070	18.49	0.071	18.32	0.068
15	16QAM	1	74	18.29	0.067	18.31	0.068	18.29	0.067
15	16QAM	36	0	17.49	0.056	17.69	0.059	17.48	0.056
15	16QAM	36	20	17.63	0.058	17.57	0.057	17.57	0.057
15	16QAM	36	39	17.45	0.056	17.39	0.055	17.38	0.055
15	16QAM	75	0	17.34	0.054	17.31	0.054	17.27	0.053

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	19.49	0.089	19.66	0.092	19.57	0.091
10	QPSK	1	25	19.35	0.086	19.42	0.087	19.35	0.086
10	QPSK	1	49	19.24	0.084	19.28	0.085	19.23	0.084
10	QPSK	25	0	18.48	0.070	18.47	0.070	18.44	0.070
10	QPSK	25	12	18.27	0.067	18.35	0.068	18.35	0.068
10	QPSK	25	25	18.35	0.068	18.39	0.069	18.40	0.069
10	QPSK	50	0	18.40	0.069	18.39	0.069	18.36	0.069
10	16QAM	1	0	18.57	0.072	18.64	0.073	18.55	0.072
10	16QAM	1	25	18.49	0.071	18.51	0.071	18.34	0.068
10	16QAM	1	49	18.32	0.068	18.34	0.068	18.24	0.067
10	16QAM	25	0	17.50	0.056	17.73	0.059	17.44	0.055
10	16QAM	25	12	17.61	0.058	17.52	0.056	17.59	0.057
10	16QAM	25	25	17.48	0.056	17.38	0.055	17.41	0.055
10	16QAM	50	0	17.32	0.054	17.26	0.053	17.34	0.054

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	19.48	0.089	19.62	0.092	19.55	0.090
5	QPSK	1	12	19.34	0.086	19.44	0.088	19.36	0.086
5	QPSK	1	24	19.29	0.085	19.25	0.084	19.17	0.083
5	QPSK	12	0	18.44	0.070	18.43	0.070	18.44	0.070
5	QPSK	12	7	18.26	0.067	18.32	0.068	18.35	0.068
5	QPSK	12	13	18.30	0.068	18.38	0.069	18.36	0.069
5	QPSK	25	0	18.38	0.069	18.40	0.069	18.35	0.068
5	16QAM	1	0	18.60	0.072	18.62	0.073	18.55	0.072
5	16QAM	1	12	18.46	0.070	18.50	0.071	18.37	0.069
5	16QAM	1	24	18.34	0.068	18.35	0.068	18.23	0.067
5	16QAM	12	0	17.54	0.057	17.73	0.059	17.48	0.056
5	16QAM	12	7	17.57	0.057	17.53	0.057	17.59	0.057
5	16QAM	12	13	17.47	0.056	17.40	0.055	17.42	0.055
5	16QAM	25	0	17.32	0.054	17.27	0.053	17.31	0.054

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	19.38	0.087	19.57	0.091	19.47	0.089
3	QPSK	1	8	19.25	0.084	19.40	0.087	19.30	0.085
3	QPSK	1	14	19.21	0.083	19.15	0.082	19.13	0.082
3	QPSK	8	0	18.37	0.069	18.33	0.068	18.39	0.069
3	QPSK	8	4	18.22	0.066	18.25	0.067	18.24	0.067
3	QPSK	8	7	18.25	0.067	18.30	0.068	18.27	0.067
3	QPSK	15	0	18.35	0.068	18.31	0.068	18.24	0.067
3	16QAM	1	0	18.52	0.071	18.54	0.071	18.47	0.070
3	16QAM	1	8	18.35	0.068	18.40	0.069	18.34	0.068
3	16QAM	1	14	18.28	0.067	18.24	0.067	18.17	0.066
3	16QAM	8	0	17.44	0.055	17.68	0.059	17.39	0.055
3	16QAM	8	4	17.48	0.056	17.49	0.056	17.54	0.057
3	16QAM	8	7	17.44	0.055	17.35	0.054	17.35	0.054
3	16QAM	15	0	17.23	0.053	17.16	0.052	17.28	0.053

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	19.39	0.087	19.55	0.090	19.47	0.089
1.4	QPSK	1	3	19.25	0.084	19.41	0.087	19.30	0.085
1.4	QPSK	1	5	19.20	0.083	19.20	0.083	19.07	0.081
1.4	QPSK	3	0	18.89	0.077	18.86	0.077	18.86	0.077
1.4	QPSK	3	1	18.65	0.073	18.79	0.076	18.79	0.076
1.4	QPSK	3	3	18.76	0.075	18.78	0.076	18.80	0.076
1.4	QPSK	6	0	18.32	0.068	18.34	0.068	18.31	0.068
1.4	16QAM	1	0	18.56	0.072	18.53	0.071	18.50	0.071
1.4	16QAM	1	3	18.35	0.068	18.40	0.069	18.27	0.067
1.4	16QAM	1	5	18.27	0.067	18.28	0.067	18.13	0.065
1.4	16QAM	3	0	17.96	0.063	18.19	0.066	17.92	0.062
1.4	16QAM	3	1	18.00	0.063	17.93	0.062	17.99	0.063
1.4	16QAM	3	3	17.90	0.062	17.81	0.060	17.87	0.061
1.4	16QAM	6	0	17.22	0.053	17.18	0.052	17.21	0.053

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.53	0.142	21.58	0.144	21.49	0.141
20	QPSK	1	49	21.36	0.137	21.40	0.138	21.33	0.136
20	QPSK	1	99	21.19	0.132	21.20	0.132	21.19	0.132
20	QPSK	50	0	21.26	0.134	21.28	0.134	21.13	0.130
20	QPSK	50	24	21.19	0.132	21.26	0.134	21.15	0.130
20	QPSK	50	50	21.00	0.126	21.07	0.128	20.96	0.125
20	QPSK	100	0	21.19	0.132	21.20	0.132	21.09	0.129
20	16QAM	1	0	21.36	0.137	21.40	0.138	21.27	0.134
20	16QAM	1	49	21.18	0.131	21.35	0.136	21.17	0.131
20	16QAM	1	99	21.01	0.126	21.10	0.129	21.02	0.126
20	16QAM	50	0	20.38	0.109	20.42	0.110	20.34	0.108
20	16QAM	50	24	20.36	0.109	20.31	0.107	20.35	0.108
20	16QAM	50	50	20.18	0.104	20.17	0.104	20.19	0.104
20	16QAM	100	0	20.04	0.101	20.03	0.101	20.11	0.103

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.47	0.140	21.55	0.143	21.42	0.139
15	QPSK	1	37	21.27	0.134	21.35	0.136	21.28	0.134
15	QPSK	1	74	21.15	0.130	21.15	0.130	21.14	0.130
15	QPSK	36	0	21.19	0.132	21.20	0.132	21.10	0.129
15	QPSK	36	20	21.11	0.129	21.21	0.132	21.09	0.129
15	QPSK	36	39	20.91	0.123	21.01	0.126	20.86	0.122
15	QPSK	75	0	21.25	0.133	21.21	0.132	21.10	0.129
15	16QAM	1	0	21.29	0.135	21.32	0.136	21.21	0.132
15	16QAM	1	37	21.11	0.129	21.25	0.133	21.11	0.129
15	16QAM	1	74	20.95	0.124	21.00	0.126	20.98	0.125
15	16QAM	36	0	20.30	0.107	20.39	0.109	20.25	0.106
15	16QAM	36	20	20.30	0.107	20.22	0.105	20.29	0.107
15	16QAM	36	39	20.12	0.103	20.08	0.102	20.14	0.103
15	16QAM	75	0	19.94	0.099	19.94	0.099	20.01	0.100

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	21.47	0.140	21.51	0.142	21.42	0.139
10	QPSK	1	25	21.27	0.134	21.35	0.136	21.22	0.132
10	QPSK	1	49	21.15	0.130	21.11	0.129	21.10	0.129
10	QPSK	25	0	21.17	0.131	21.23	0.133	21.09	0.129
10	QPSK	25	12	21.15	0.130	21.18	0.131	21.10	0.129
10	QPSK	25	25	20.90	0.123	21.01	0.126	20.92	0.124
10	QPSK	50	0	21.19	0.132	21.23	0.133	21.15	0.130
10	16QAM	1	0	21.25	0.133	21.35	0.136	21.21	0.132
10	16QAM	1	25	21.15	0.130	21.31	0.135	21.10	0.129
10	16QAM	1	49	20.92	0.124	21.05	0.127	20.95	0.124
10	16QAM	25	0	20.35	0.108	20.38	0.109	20.29	0.107
10	16QAM	25	12	20.29	0.107	20.20	0.105	20.27	0.106
10	16QAM	25	25	20.12	0.103	20.12	0.103	20.11	0.103
10	16QAM	50	0	19.97	0.099	19.92	0.098	20.01	0.100

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	21.44	0.139	21.53	0.142	21.43	0.139
5	QPSK	1	12	21.33	0.136	21.30	0.135	21.23	0.133
5	QPSK	1	24	21.10	0.129	21.17	0.131	21.11	0.129
5	QPSK	12	0	21.16	0.131	21.23	0.133	21.03	0.127
5	QPSK	12	7	21.08	0.128	21.18	0.131	21.12	0.129
5	QPSK	12	13	20.91	0.123	20.99	0.126	20.90	0.123
5	QPSK	25	0	21.21	0.132	21.25	0.133	21.12	0.129
5	16QAM	1	0	21.26	0.134	21.30	0.135	21.16	0.131
5	16QAM	1	12	21.10	0.129	21.30	0.135	21.09	0.129
5	16QAM	1	24	20.91	0.123	21.03	0.127	20.98	0.125
5	16QAM	12	0	20.35	0.108	20.38	0.109	20.28	0.107
5	16QAM	12	7	20.26	0.106	20.27	0.106	20.30	0.107
5	16QAM	12	13	20.15	0.104	20.07	0.102	20.13	0.103
5	16QAM	25	0	19.98	0.100	19.98	0.100	20.03	0.101

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	21.35	0.136	21.42	0.139	21.37	0.137
3	QPSK	1	8	21.29	0.135	21.27	0.134	21.17	0.131
3	QPSK	1	14	21.05	0.127	21.08	0.128	21.04	0.127
3	QPSK	8	0	21.07	0.128	21.12	0.129	20.93	0.124
3	QPSK	8	4	21.00	0.126	21.13	0.130	21.03	0.127
3	QPSK	8	7	20.85	0.122	20.94	0.124	20.84	0.121
3	QPSK	15	0	21.10	0.129	21.16	0.131	21.03	0.127
3	16QAM	1	0	21.18	0.131	21.22	0.132	21.10	0.129
3	16QAM	1	8	21.03	0.127	21.21	0.132	21.03	0.127
3	16QAM	1	14	20.83	0.121	20.98	0.125	20.94	0.124
3	16QAM	8	0	20.25	0.106	20.29	0.107	20.20	0.105
3	16QAM	8	4	20.17	0.104	20.22	0.105	20.21	0.105
3	16QAM	8	7	20.12	0.103	19.97	0.099	20.08	0.102
3	16QAM	15	0	19.91	0.098	19.88	0.097	19.93	0.098

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	21.34	0.136	21.49	0.141	21.39	0.138
1.4	QPSK	1	3	21.25	0.133	21.19	0.132	21.19	0.132
1.4	QPSK	1	5	21.06	0.128	21.10	0.129	21.03	0.127
1.4	QPSK	3	0	21.11	0.129	21.18	0.131	20.97	0.125
1.4	QPSK	3	1	21.05	0.127	21.08	0.128	21.05	0.127
1.4	QPSK	3	3	20.83	0.121	20.90	0.123	20.85	0.122
1.4	QPSK	6	0	21.11	0.129	21.20	0.132	21.07	0.128
1.4	16QAM	1	0	21.21	0.132	21.19	0.132	21.06	0.128
1.4	16QAM	1	3	21.06	0.128	21.26	0.134	21.02	0.126
1.4	16QAM	1	5	20.84	0.121	20.94	0.124	20.94	0.124
1.4	16QAM	3	0	21.01	0.126	21.00	0.126	20.89	0.123
1.4	16QAM	3	1	20.86	0.122	20.90	0.123	20.92	0.124
1.4	16QAM	3	3	20.78	0.120	20.86	0.122	20.93	0.124
1.4	16QAM	6	0	19.94	0.099	19.94	0.099	19.93	0.098

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.95	0.099	19.98	0.100	19.91	0.098
10	QPSK	1	25	19.87	0.097	19.81	0.096	19.71	0.094
10	QPSK	1	49	19.74	0.094	19.66	0.092	19.62	0.092
10	QPSK	25	0	18.87	0.077	18.89	0.077	18.76	0.075
10	QPSK	25	12	18.79	0.076	18.60	0.072	18.63	0.073
10	QPSK	25	25	18.64	0.073	18.49	0.071	18.49	0.071
10	QPSK	50	0	18.55	0.072	18.56	0.072	18.35	0.068
10	16QAM	1	0	19.00	0.079	18.88	0.077	18.93	0.078
10	16QAM	1	25	18.82	0.076	18.74	0.075	18.84	0.077
10	16QAM	1	49	18.64	0.073	18.60	0.072	18.73	0.075
10	16QAM	25	0	17.85	0.061	17.78	0.060	17.89	0.062
10	16QAM	25	12	17.80	0.060	17.69	0.059	17.89	0.062
10	16QAM	25	25	17.71	0.059	17.70	0.059	17.89	0.062
10	16QAM	50	0	17.52	0.056	17.58	0.057	17.74	0.059

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.88	0.097	19.90	0.098	19.82	0.096
5	QPSK	1	12	19.81	0.096	19.71	0.094	19.60	0.091
5	QPSK	1	24	19.64	0.092	19.60	0.091	19.54	0.090
5	QPSK	12	0	18.76	0.075	18.85	0.077	18.68	0.074
5	QPSK	12	7	18.72	0.074	18.56	0.072	18.53	0.071
5	QPSK	12	13	18.59	0.072	18.40	0.069	18.44	0.070
5	QPSK	25	0	18.47	0.070	18.51	0.071	18.31	0.068
5	16QAM	1	0	18.89	0.077	18.78	0.076	18.86	0.077
5	16QAM	1	12	18.71	0.074	18.63	0.073	18.74	0.075
5	16QAM	1	24	18.57	0.072	18.53	0.071	18.69	0.074
5	16QAM	12	0	17.76	0.060	17.72	0.059	17.79	0.060
5	16QAM	12	7	17.76	0.060	17.63	0.058	17.85	0.061
5	16QAM	12	13	17.66	0.058	17.59	0.057	17.82	0.061
5	16QAM	25	0	17.42	0.055	17.54	0.057	17.70	0.059

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	19.85	0.097	19.94	0.099	19.88	0.097
3	QPSK	1	8	19.79	0.095	19.70	0.093	19.67	0.093
3	QPSK	1	14	19.70	0.093	19.60	0.091	19.56	0.090
3	QPSK	8	0	18.81	0.076	18.82	0.076	18.73	0.075
3	QPSK	8	4	18.70	0.074	18.51	0.071	18.53	0.071
3	QPSK	8	7	18.60	0.072	18.40	0.069	18.44	0.070
3	QPSK	15	0	18.47	0.070	18.49	0.071	18.27	0.067
3	16QAM	1	0	18.96	0.079	18.79	0.076	18.89	0.077
3	16QAM	1	8	18.75	0.075	18.67	0.074	18.81	0.076
3	16QAM	1	14	18.56	0.072	18.56	0.072	18.68	0.074
3	16QAM	8	0	17.75	0.060	17.69	0.059	17.81	0.060
3	16QAM	8	4	17.70	0.059	17.65	0.058	17.80	0.060
3	16QAM	8	7	17.63	0.058	17.62	0.058	17.78	0.060
3	16QAM	15	0	17.44	0.055	17.52	0.056	17.68	0.059

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	19.78	0.095	19.86	0.097	19.81	0.096
1.4	QPSK	1	3	19.74	0.094	19.69	0.093	19.55	0.090
1.4	QPSK	1	5	19.64	0.092	19.50	0.089	19.47	0.089
1.4	QPSK	3	0	19.31	0.085	19.28	0.085	19.13	0.082
1.4	QPSK	3	1	19.17	0.083	18.93	0.078	18.99	0.079
1.4	QPSK	3	3	19.06	0.081	18.89	0.077	18.95	0.079
1.4	QPSK	6	0	18.44	0.070	18.46	0.070	18.18	0.066
1.4	16QAM	1	0	18.84	0.077	18.79	0.076	18.74	0.075
1.4	16QAM	1	3	18.66	0.073	18.62	0.073	18.68	0.074
1.4	16QAM	1	5	18.51	0.071	18.51	0.071	18.63	0.073
1.4	16QAM	3	0	18.24	0.067	18.10	0.065	18.20	0.066
1.4	16QAM	3	1	18.19	0.066	18.02	0.063	18.23	0.067
1.4	16QAM	3	3	18.06	0.064	18.07	0.064	18.29	0.067
1.4	16QAM	6	0	17.36	0.054	17.43	0.055	17.60	0.058

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	19.91	0.098	19.96	0.099	19.84	0.096
10	QPSK	1	25	19.81	0.096	19.88	0.097	19.69	0.093
10	QPSK	1	49	19.61	0.091	19.69	0.093	19.61	0.091
10	QPSK	25	0	18.81	0.076	18.85	0.077	18.74	0.075
10	QPSK	25	12	18.64	0.073	18.73	0.075	18.54	0.071
10	QPSK	25	25	18.48	0.070	18.57	0.072	18.40	0.069
10	QPSK	50	0	18.36	0.069	18.41	0.069	18.29	0.067
10	16QAM	1	0	18.94	0.078	19.01	0.080	18.89	0.077
10	16QAM	1	25	18.80	0.076	18.91	0.078	18.80	0.076
10	16QAM	1	49	18.61	0.073	18.72	0.074	18.64	0.073
10	16QAM	25	0	17.79	0.060	17.88	0.061	17.77	0.060
10	16QAM	25	12	17.65	0.058	17.72	0.059	17.67	0.058
10	16QAM	25	25	17.66	0.058	17.80	0.060	17.71	0.059
10	16QAM	50	0	17.50	0.056	17.71	0.059	17.55	0.057

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	19.81	0.096	19.88	0.097	19.80	0.095
5	QPSK	1	12	19.78	0.095	19.82	0.096	19.58	0.091
5	QPSK	1	24	19.57	0.091	19.61	0.091	19.57	0.091
5	QPSK	12	0	18.76	0.075	18.81	0.076	18.64	0.073
5	QPSK	12	7	18.53	0.071	18.65	0.073	18.45	0.070
5	QPSK	12	13	18.43	0.070	18.49	0.071	18.36	0.069
5	QPSK	25	0	18.26	0.067	18.31	0.068	18.23	0.067
5	16QAM	1	0	18.89	0.077	18.96	0.079	18.82	0.076
5	16QAM	1	12	18.76	0.075	18.83	0.076	18.69	0.074
5	16QAM	1	24	18.57	0.072	18.66	0.073	18.61	0.073
5	16QAM	12	0	17.71	0.059	17.82	0.061	17.73	0.059
5	16QAM	12	7	17.61	0.058	17.67	0.058	17.61	0.058
5	16QAM	12	13	17.60	0.058	17.71	0.059	17.62	0.058
5	16QAM	25	0	17.45	0.056	17.61	0.058	17.50	0.056

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	19.80	0.095	19.90	0.098	19.73	0.094
3	QPSK	1	8	19.76	0.095	19.79	0.095	19.59	0.091
3	QPSK	1	14	19.57	0.091	19.61	0.091	19.51	0.089
3	QPSK	8	0	18.70	0.074	18.75	0.075	18.70	0.074
3	QPSK	8	4	18.59	0.072	18.68	0.074	18.45	0.070
3	QPSK	8	7	18.42	0.070	18.49	0.071	18.35	0.068
3	QPSK	15	0	18.29	0.067	18.38	0.069	18.25	0.067
3	16QAM	1	0	18.87	0.077	18.96	0.079	18.81	0.076
3	16QAM	1	8	18.71	0.074	18.87	0.077	18.76	0.075
3	16QAM	1	14	18.50	0.071	18.65	0.073	18.58	0.072
3	16QAM	8	0	17.72	0.059	17.79	0.060	17.73	0.059
3	16QAM	8	4	17.59	0.057	17.65	0.058	17.60	0.058
3	16QAM	8	7	17.60	0.058	17.70	0.059	17.61	0.058
3	16QAM	15	0	17.44	0.055	17.65	0.058	17.49	0.056

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.82	0.096	19.84	0.096	19.67	0.093
1.4	QPSK	1	3	19.67	0.093	19.76	0.095	19.56	0.090
1.4	QPSK	1	5	19.48	0.089	19.57	0.091	19.50	0.089
1.4	QPSK	3	0	19.16	0.082	19.23	0.084	19.11	0.081
1.4	QPSK	3	1	19.01	0.080	19.05	0.080	18.93	0.078
1.4	QPSK	3	3	18.90	0.078	19.09	0.081	18.89	0.077
1.4	QPSK	6	0	18.16	0.065	18.25	0.067	18.18	0.066
1.4	16QAM	1	0	18.78	0.076	18.92	0.078	18.70	0.074
1.4	16QAM	1	3	18.68	0.074	18.79	0.076	18.68	0.074
1.4	16QAM	1	5	18.49	0.071	18.59	0.072	18.48	0.070
1.4	16QAM	3	0	18.13	0.065	18.22	0.066	18.16	0.065
1.4	16QAM	3	1	18.04	0.064	18.08	0.064	18.10	0.065
1.4	16QAM	3	3	18.02	0.063	18.18	0.066	18.07	0.064
1.4	16QAM	6	0	17.36	0.054	17.57	0.057	17.37	0.055

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	19.48	0.089	19.61	0.091	19.57	0.091
10	QPSK	1	25	19.40	0.087	19.50	0.089	19.37	0.086
10	QPSK	1	49	19.26	0.084	19.36	0.086	19.23	0.084
10	QPSK	25	0	18.31	0.068	18.52	0.071	18.33	0.068
10	QPSK	25	12	18.22	0.066	18.32	0.068	18.20	0.066
10	QPSK	25	25	18.06	0.064	18.23	0.067	18.08	0.064
10	QPSK	50	0	17.92	0.062	18.09	0.064	17.96	0.063
10	16QAM	1	0	18.55	0.072	18.58	0.072	18.56	0.072
10	16QAM	1	25	18.39	0.069	18.42	0.070	18.38	0.069
10	16QAM	1	49	18.28	0.067	18.25	0.067	18.23	0.067
10	16QAM	25	0	17.49	0.056	17.44	0.055	17.35	0.054
10	16QAM	25	12	17.31	0.054	17.29	0.054	17.22	0.053
10	16QAM	25	25	17.38	0.055	17.32	0.054	17.32	0.054
10	16QAM	50	0	17.22	0.053	17.19	0.052	17.20	0.052

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	19.39	0.087	19.55	0.090	19.47	0.089
5	QPSK	1	12	19.35	0.086	19.42	0.087	19.33	0.086
5	QPSK	1	24	19.21	0.083	19.28	0.085	19.14	0.082
5	QPSK	12	0	18.21	0.066	18.43	0.070	18.25	0.067
5	QPSK	12	7	18.18	0.066	18.22	0.066	18.10	0.065
5	QPSK	12	13	17.99	0.063	18.12	0.065	18.00	0.063
5	QPSK	25	0	17.81	0.060	17.99	0.063	17.89	0.062
5	16QAM	1	0	18.50	0.071	18.53	0.071	18.50	0.071
5	16QAM	1	12	18.30	0.068	18.32	0.068	18.33	0.068
5	16QAM	1	24	18.19	0.066	18.15	0.065	18.16	0.065
5	16QAM	12	0	17.40	0.055	17.35	0.054	17.24	0.053
5	16QAM	12	7	17.27	0.053	17.25	0.053	17.17	0.052
5	16QAM	12	13	17.28	0.053	17.23	0.053	17.28	0.053
5	16QAM	25	0	17.11	0.051	17.10	0.051	17.13	0.052

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	19.69	0.093	19.71	0.094	19.63	0.092
20	QPSK	1	49	19.48	0.089	19.51	0.089	19.47	0.089
20	QPSK	1	99	19.38	0.087	19.47	0.089	19.30	0.085
20	QPSK	50	0	19.51	0.089	19.53	0.090	19.47	0.089
20	QPSK	50	24	19.41	0.087	19.30	0.085	19.29	0.085
20	QPSK	50	50	19.24	0.084	19.29	0.085	19.25	0.084
20	QPSK	100	0	19.40	0.087	19.33	0.086	19.30	0.085
20	16QAM	1	0	19.52	0.090	19.50	0.089	19.49	0.089
20	16QAM	1	49	19.45	0.088	19.49	0.089	19.36	0.086
20	16QAM	1	99	19.27	0.085	19.34	0.086	19.22	0.084
20	16QAM	50	0	18.35	0.068	18.51	0.071	18.39	0.069
20	16QAM	50	24	18.22	0.066	18.38	0.069	18.25	0.067
20	16QAM	50	50	18.14	0.065	18.26	0.067	18.19	0.066
20	16QAM	100	0	18.15	0.065	18.17	0.066	18.12	0.065

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	19.60	0.091	19.66	0.092	19.57	0.091
15	QPSK	1	37	19.44	0.088	19.42	0.087	19.39	0.087
15	QPSK	1	74	19.33	0.086	19.43	0.088	19.27	0.085
15	QPSK	36	0	19.45	0.088	19.46	0.088	19.38	0.087
15	QPSK	36	20	19.32	0.086	19.19	0.083	19.19	0.083
15	QPSK	36	39	19.15	0.082	19.26	0.084	19.17	0.083
15	QPSK	75	0	19.35	0.086	19.30	0.085	19.19	0.083
15	16QAM	1	0	19.47	0.089	19.43	0.088	19.39	0.087
15	16QAM	1	37	19.39	0.087	19.38	0.087	19.30	0.085
15	16QAM	1	74	19.22	0.084	19.24	0.084	19.12	0.082
15	16QAM	36	0	18.27	0.067	18.44	0.070	18.30	0.068
15	16QAM	36	20	18.14	0.065	18.32	0.068	18.20	0.066
15	16QAM	36	39	18.04	0.064	18.22	0.066	18.11	0.065
15	16QAM	75	0	18.11	0.065	18.08	0.064	18.04	0.064

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	19.64	0.092	19.68	0.093	19.56	0.090
10	QPSK	1	25	19.40	0.087	19.41	0.087	19.36	0.086
10	QPSK	1	49	19.31	0.085	19.41	0.087	19.25	0.084
10	QPSK	25	0	19.48	0.089	19.50	0.089	19.42	0.087
10	QPSK	25	12	19.30	0.085	19.22	0.084	19.19	0.083
10	QPSK	25	25	19.15	0.082	19.21	0.083	19.15	0.082
10	QPSK	50	0	19.35	0.086	19.23	0.084	19.20	0.083
10	16QAM	1	0	19.49	0.089	19.45	0.088	19.43	0.088
10	16QAM	1	25	19.34	0.086	19.46	0.088	19.30	0.085
10	16QAM	1	49	19.20	0.083	19.25	0.084	19.16	0.082
10	16QAM	25	0	18.30	0.068	18.46	0.070	18.35	0.068
10	16QAM	25	12	18.18	0.066	18.31	0.068	18.18	0.066
10	16QAM	25	25	18.08	0.064	18.15	0.065	18.15	0.065
10	16QAM	50	0	18.07	0.064	18.08	0.064	18.06	0.064

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	19.63	0.092	19.66	0.092	19.53	0.090
5	QPSK	1	12	19.40	0.087	19.45	0.088	19.43	0.088
5	QPSK	1	24	19.31	0.085	19.38	0.087	19.25	0.084
5	QPSK	12	0	19.41	0.087	19.46	0.088	19.42	0.087
5	QPSK	12	7	19.35	0.086	19.25	0.084	19.25	0.084
5	QPSK	12	13	19.17	0.083	19.23	0.084	19.15	0.082
5	QPSK	25	0	19.32	0.086	19.24	0.084	19.21	0.083
5	16QAM	1	0	19.48	0.089	19.45	0.088	19.45	0.088
5	16QAM	1	12	19.38	0.087	19.43	0.088	19.29	0.085
5	16QAM	1	24	19.20	0.083	19.28	0.085	19.18	0.083
5	16QAM	12	0	18.24	0.067	18.42	0.070	18.29	0.067
5	16QAM	12	7	18.13	0.065	18.28	0.067	18.16	0.065
5	16QAM	12	13	18.08	0.064	18.17	0.066	18.15	0.065
5	16QAM	25	0	18.09	0.064	18.07	0.064	18.04	0.064

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	19.52	0.090	19.62	0.092	19.54	0.090
3	QPSK	1	8	19.34	0.086	19.39	0.087	19.34	0.086
3	QPSK	1	14	19.19	0.083	19.29	0.085	19.17	0.083
3	QPSK	8	0	19.35	0.086	19.40	0.087	19.26	0.084
3	QPSK	8	4	19.31	0.085	19.19	0.083	19.18	0.083
3	QPSK	8	7	19.06	0.081	19.21	0.083	19.08	0.081
3	QPSK	15	0	19.27	0.085	19.14	0.082	19.12	0.082
3	16QAM	1	0	19.42	0.087	19.36	0.086	19.37	0.086
3	16QAM	1	8	19.35	0.086	19.41	0.087	19.25	0.084
3	16QAM	1	14	19.20	0.083	19.26	0.084	19.10	0.081
3	16QAM	8	0	18.26	0.067	18.41	0.069	18.21	0.066
3	16QAM	8	4	18.04	0.064	18.24	0.067	18.11	0.065
3	16QAM	8	7	18.04	0.064	18.16	0.065	17.99	0.063
3	16QAM	15	0	17.99	0.063	18.02	0.063	17.98	0.063

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	19.56	0.090	19.61	0.091	19.53	0.090
1.4	QPSK	1	3	19.34	0.086	19.40	0.087	19.28	0.085
1.4	QPSK	1	5	19.20	0.083	19.30	0.085	19.19	0.083
1.4	QPSK	3	0	19.33	0.086	19.37	0.086	19.29	0.085
1.4	QPSK	3	1	19.25	0.084	19.17	0.083	19.15	0.082
1.4	QPSK	3	3	19.05	0.080	19.14	0.082	19.13	0.082
1.4	QPSK	6	0	19.25	0.084	19.16	0.082	19.13	0.082
1.4	16QAM	1	0	19.43	0.088	19.41	0.087	19.36	0.086
1.4	16QAM	1	3	19.33	0.086	19.39	0.087	19.24	0.084
1.4	16QAM	1	5	19.19	0.083	19.24	0.084	19.08	0.081
1.4	16QAM	3	0	19.00	0.079	19.23	0.084	18.98	0.079
1.4	16QAM	3	1	18.84	0.077	19.01	0.080	18.90	0.078
1.4	16QAM	3	3	18.82	0.076	18.94	0.078	18.82	0.076
1.4	16QAM	6	0	18.06	0.064	18.01	0.063	18.00	0.063

LTE Band 26				Measured E.I.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	19.02	0.080	18.98	0.079	18.99	0.079
15	QPSK	1	37	18.93	0.078	18.88	0.077	18.86	0.077
15	QPSK	1	74	18.73	0.075	18.74	0.075	18.76	0.075
15	QPSK	36	0	17.93	0.062	17.88	0.061	17.92	0.062
15	QPSK	36	20	17.72	0.059	17.74	0.059	17.82	0.061
15	QPSK	36	39	17.60	0.058	17.67	0.058	17.74	0.059
15	QPSK	75	0	17.59	0.057	17.54	0.057	17.57	0.057
15	16QAM	1	0	17.91	0.062	17.86	0.061	17.88	0.061
15	16QAM	1	37	17.80	0.060	17.74	0.059	17.77	0.060
15	16QAM	1	74	17.70	0.059	17.62	0.058	17.62	0.058
15	16QAM	36	0	16.87	0.049	16.77	0.048	16.78	0.048
15	16QAM	36	20	16.68	0.047	16.66	0.046	16.69	0.047
15	16QAM	36	39	16.60	0.046	16.58	0.045	16.64	0.046
15	16QAM	75	0	16.42	0.044	16.43	0.044	16.48	0.044

LTE Band 26				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	18.88	0.077	18.82	0.076	18.94	0.078
10	QPSK	1	25	18.69	0.074	18.69	0.074	18.79	0.076
10	QPSK	1	49	18.58	0.072	18.60	0.072	18.70	0.074
10	QPSK	25	0	17.72	0.059	17.74	0.059	17.84	0.061
10	QPSK	25	12	17.67	0.058	17.73	0.059	17.75	0.060
10	QPSK	25	25	17.69	0.059	17.61	0.058	17.71	0.059
10	QPSK	50	0	17.44	0.055	17.46	0.056	17.53	0.057
10	16QAM	1	0	17.73	0.059	17.70	0.059	17.78	0.060
10	16QAM	1	25	17.64	0.058	17.56	0.057	17.67	0.058
10	16QAM	1	49	17.49	0.056	17.48	0.056	17.59	0.057
10	16QAM	25	0	16.64	0.046	16.69	0.047	16.71	0.047
10	16QAM	25	12	16.54	0.045	16.61	0.046	16.64	0.046
10	16QAM	25	25	16.58	0.045	16.48	0.044	16.60	0.046
10	16QAM	50	0	16.38	0.043	16.37	0.043	16.45	0.044

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.88	0.077	18.84	0.077	18.91	0.078
5	QPSK	1	12	18.77	0.075	18.76	0.075	18.82	0.076
5	QPSK	1	24	18.64	0.073	18.68	0.074	18.71	0.074
5	QPSK	12	0	17.77	0.060	17.76	0.060	17.84	0.061
5	QPSK	12	7	17.71	0.059	17.72	0.059	17.74	0.059
5	QPSK	12	13	17.62	0.058	17.61	0.058	17.69	0.059
5	QPSK	25	0	17.42	0.055	17.41	0.055	17.47	0.056
5	16QAM	1	0	17.78	0.060	17.76	0.060	17.79	0.060
5	16QAM	1	12	17.64	0.058	17.65	0.058	17.74	0.059
5	16QAM	1	24	17.46	0.056	17.48	0.056	17.57	0.057
5	16QAM	12	0	16.59	0.046	16.64	0.046	16.69	0.047
5	16QAM	12	7	16.61	0.046	16.63	0.046	16.65	0.046
5	16QAM	12	13	16.60	0.046	16.59	0.046	16.61	0.046
5	16QAM	25	0	16.29	0.043	16.33	0.043	16.39	0.044

LTE Band 26				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	18.83	0.076	18.85	0.077	18.91	0.078
3	QPSK	1	8	18.80	0.076	18.78	0.076	18.81	0.076
3	QPSK	1	14	18.65	0.073	18.64	0.073	18.68	0.074
3	QPSK	8	0	17.71	0.059	17.79	0.060	17.82	0.061
3	QPSK	8	4	17.65	0.058	17.68	0.059	17.72	0.059
3	QPSK	8	7	17.57	0.057	17.60	0.058	17.65	0.058
3	QPSK	15	0	17.47	0.056	17.52	0.056	17.53	0.057
3	16QAM	1	0	17.82	0.061	17.77	0.060	17.83	0.061
3	16QAM	1	8	17.62	0.058	17.70	0.059	17.73	0.059
3	16QAM	1	14	17.51	0.056	17.44	0.055	17.52	0.056
3	16QAM	8	0	16.65	0.046	16.61	0.046	16.67	0.046
3	16QAM	8	4	16.58	0.045	16.50	0.045	16.61	0.046
3	16QAM	8	7	16.48	0.044	16.52	0.045	16.53	0.045
3	16QAM	15	0	16.30	0.043	16.37	0.043	16.40	0.044

LTE Band 26				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	18.70	0.074	18.77	0.075	18.82	0.076
1.4	QPSK	1	3	18.64	0.073	18.69	0.074	18.70	0.074
1.4	QPSK	1	5	18.54	0.071	18.56	0.072	18.59	0.072
1.4	QPSK	3	0	18.16	0.065	18.20	0.066	18.23	0.067
1.4	QPSK	3	1	18.12	0.065	18.05	0.064	18.15	0.065
1.4	QPSK	3	3	18.07	0.064	18.07	0.064	18.12	0.065
1.4	QPSK	6	0	17.36	0.054	17.38	0.055	17.44	0.055
1.4	16QAM	1	0	17.74	0.059	17.75	0.060	17.76	0.060
1.4	16QAM	1	3	17.53	0.057	17.60	0.058	17.63	0.058
1.4	16QAM	1	5	17.41	0.055	17.41	0.055	17.44	0.055
1.4	16QAM	3	0	17.09	0.051	17.02	0.050	17.10	0.051
1.4	16QAM	3	1	17.00	0.050	16.99	0.050	17.07	0.051
1.4	16QAM	3	3	16.96	0.050	16.97	0.050	17.02	0.050
1.4	16QAM	6	0	16.31	0.043	16.21	0.042	16.32	0.043

LTE Band 41(Power Class 2)				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	22.40	0.174	22.55	0.180	22.44	0.175
20	QPSK	1	49	22.31	0.170	22.45	0.176	22.22	0.167
20	QPSK	1	99	22.16	0.164	22.32	0.171	22.08	0.161
20	QPSK	50	0	21.38	0.137	21.56	0.143	21.32	0.136
20	QPSK	50	24	21.24	0.133	21.38	0.137	21.23	0.133
20	QPSK	50	50	21.10	0.129	21.20	0.132	21.08	0.128
20	QPSK	100	0	20.97	0.125	21.10	0.129	20.94	0.124
20	16QAM	1	0	21.43	0.139	21.69	0.148	21.40	0.138
20	16QAM	1	49	21.26	0.134	21.56	0.143	21.22	0.132
20	16QAM	1	99	21.14	0.130	21.45	0.140	21.08	0.128
20	16QAM	50	0	20.33	0.108	20.62	0.115	20.19	0.104
20	16QAM	50	24	20.20	0.105	20.44	0.111	20.06	0.101
20	16QAM	50	50	20.10	0.102	20.31	0.107	19.87	0.097
20	16QAM	100	0	19.97	0.099	20.18	0.104	19.69	0.093

LTE Band 41(Power Class 2)				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	22.32	0.171	22.42	0.175	22.25	0.168
15	QPSK	1	37	22.27	0.169	22.40	0.174	22.14	0.164
15	QPSK	1	74	22.08	0.161	22.25	0.168	21.98	0.158
15	QPSK	36	0	21.28	0.134	21.46	0.140	21.27	0.134
15	QPSK	36	20	21.16	0.131	21.33	0.136	21.13	0.130
15	QPSK	36	39	21.00	0.126	21.13	0.130	20.98	0.125
15	QPSK	75	0	20.93	0.124	21.02	0.126	20.88	0.122
15	16QAM	1	0	21.36	0.137	21.62	0.145	21.33	0.136
15	16QAM	1	37	21.15	0.130	21.50	0.141	21.24	0.133
15	16QAM	1	74	21.07	0.128	21.41	0.138	21.15	0.130
15	16QAM	36	0	20.22	0.105	20.53	0.113	20.25	0.106
15	16QAM	36	20	20.10	0.102	20.35	0.108	20.09	0.102
15	16QAM	36	39	20.06	0.101	20.22	0.105	20.03	0.101
15	16QAM	75	0	19.93	0.098	20.08	0.102	19.85	0.097

LTE Band 41(Power Class 2)				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	22.36	0.172	22.46	0.176	22.21	0.166
10	QPSK	1	25	22.25	0.168	22.37	0.173	22.19	0.166
10	QPSK	1	49	22.06	0.161	22.24	0.167	21.99	0.158
10	QPSK	25	0	21.33	0.136	21.50	0.141	21.22	0.132
10	QPSK	25	12	21.21	0.132	21.28	0.134	21.18	0.131
10	QPSK	25	25	21.01	0.126	21.11	0.129	21.00	0.126
10	QPSK	50	0	20.94	0.124	21.05	0.127	20.93	0.124
10	16QAM	1	0	21.40	0.138	21.58	0.144	21.30	0.135
10	16QAM	1	25	21.20	0.132	21.52	0.142	21.25	0.133
10	16QAM	1	49	21.10	0.129	21.41	0.138	21.13	0.130
10	16QAM	25	0	20.27	0.106	20.52	0.113	20.28	0.107
10	16QAM	25	12	20.15	0.104	20.34	0.108	20.12	0.103
10	16QAM	25	25	20.01	0.100	20.22	0.105	19.98	0.100
10	16QAM	50	0	19.88	0.097	20.10	0.102	19.87	0.097

LTE Band 41(Power Class 2)				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	22.32	0.171	22.36	0.172	22.10	0.162
5	QPSK	1	12	22.15	0.164	22.27	0.169	22.03	0.160
5	QPSK	1	24	22.02	0.159	22.20	0.166	21.86	0.153
5	QPSK	12	0	21.29	0.135	21.40	0.138	21.10	0.129
5	QPSK	12	7	21.12	0.129	21.21	0.132	21.02	0.126
5	QPSK	12	13	20.92	0.124	21.07	0.128	20.85	0.122
5	QPSK	25	0	20.83	0.121	20.98	0.125	20.79	0.120
5	16QAM	1	0	21.31	0.135	21.48	0.141	21.19	0.132
5	16QAM	1	12	21.11	0.129	21.48	0.141	21.15	0.130
5	16QAM	1	24	21.01	0.126	21.37	0.137	20.96	0.125
5	16QAM	12	0	20.16	0.104	20.44	0.111	20.22	0.105
5	16QAM	12	7	20.05	0.101	20.28	0.107	19.89	0.097
5	16QAM	12	13	19.94	0.099	20.15	0.104	19.81	0.096
5	16QAM	25	0	19.82	0.096	20.05	0.101	19.77	0.095

LTE Band 41(Power Class 3)				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	18.66	0.073	18.85	0.077	18.78	0.076
20	QPSK	1	49	18.51	0.071	18.72	0.074	18.59	0.072
20	QPSK	1	99	18.41	0.069	18.57	0.072	18.44	0.070
20	QPSK	50	0	17.71	0.059	17.96	0.063	17.93	0.062
20	QPSK	50	24	17.58	0.057	17.73	0.059	17.84	0.061
20	QPSK	50	50	17.47	0.056	17.62	0.058	17.71	0.059
20	QPSK	100	0	17.16	0.052	17.43	0.055	17.26	0.053
20	16QAM	1	0	17.67	0.058	18.03	0.064	17.93	0.062
20	16QAM	1	49	17.58	0.057	17.95	0.062	17.85	0.061
20	16QAM	1	99	17.38	0.055	17.76	0.060	17.75	0.060
20	16QAM	50	0	16.67	0.046	17.04	0.051	16.96	0.050
20	16QAM	50	24	16.52	0.045	16.94	0.049	16.79	0.048
20	16QAM	50	50	16.38	0.043	16.74	0.047	16.68	0.047
20	16QAM	100	0	16.19	0.042	16.60	0.046	16.58	0.045

LTE Band 41(Power Class 3)				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	18.61	0.073	18.78	0.076	18.66	0.073
15	QPSK	1	37	18.46	0.070	18.65	0.073	18.58	0.072
15	QPSK	1	74	18.33	0.068	18.48	0.070	18.50	0.071
15	QPSK	36	0	17.51	0.056	17.75	0.060	17.73	0.059
15	QPSK	36	20	17.38	0.055	17.53	0.057	17.64	0.058
15	QPSK	36	39	17.27	0.053	17.42	0.055	17.51	0.056
15	QPSK	75	0	17.13	0.052	17.24	0.053	17.35	0.054
15	16QAM	1	0	17.60	0.058	17.96	0.063	17.89	0.062
15	16QAM	1	37	17.55	0.057	17.87	0.061	17.76	0.060
15	16QAM	1	74	17.33	0.054	17.66	0.058	17.66	0.058
15	16QAM	36	0	16.57	0.045	16.96	0.050	16.90	0.049
15	16QAM	36	20	16.44	0.044	16.87	0.049	16.85	0.048
15	16QAM	36	39	16.27	0.042	16.68	0.047	16.68	0.047
15	16QAM	75	0	16.14	0.041	16.54	0.045	16.56	0.045

LTE Band 41(Power Class 3)				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	18.54	0.071	18.72	0.074	18.66	0.073
10	QPSK	1	25	18.40	0.069	18.61	0.073	18.45	0.070
10	QPSK	1	49	18.25	0.067	18.42	0.070	18.42	0.070
10	QPSK	25	0	17.44	0.055	17.65	0.058	17.71	0.059
10	QPSK	25	12	17.30	0.054	17.45	0.056	17.59	0.057
10	QPSK	25	25	17.18	0.052	17.33	0.054	17.45	0.056
10	QPSK	50	0	17.08	0.051	17.18	0.052	17.30	0.054
10	16QAM	1	0	17.55	0.057	17.89	0.062	17.78	0.060
10	16QAM	1	25	17.45	0.056	17.83	0.061	17.69	0.059
10	16QAM	1	49	17.22	0.053	17.56	0.057	17.55	0.057
10	16QAM	25	0	16.46	0.044	16.92	0.049	16.85	0.048
10	16QAM	25	12	16.37	0.043	16.79	0.048	16.73	0.047
10	16QAM	25	25	16.16	0.041	16.63	0.046	16.63	0.046
10	16QAM	50	0	16.03	0.040	16.44	0.044	16.50	0.045

LTE Band 41(Power Class 3)				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	18.47	0.070	18.69	0.074	18.63	0.073
5	QPSK	1	12	18.34	0.068	18.57	0.072	18.42	0.070
5	QPSK	1	24	18.22	0.066	18.35	0.068	18.37	0.069
5	QPSK	12	0	17.36	0.054	17.56	0.057	17.60	0.058
5	QPSK	12	7	17.22	0.053	17.36	0.054	17.44	0.055
5	QPSK	12	13	17.10	0.051	17.29	0.054	17.38	0.055
5	QPSK	25	0	17.02	0.050	17.09	0.051	17.16	0.052
5	16QAM	1	0	17.46	0.056	17.79	0.060	17.75	0.060
5	16QAM	1	12	17.35	0.054	17.74	0.059	17.65	0.058
5	16QAM	1	24	17.14	0.052	17.45	0.056	17.44	0.055
5	16QAM	12	0	16.36	0.043	16.84	0.048	16.76	0.047
5	16QAM	12	7	16.29	0.043	16.73	0.047	16.67	0.046
5	16QAM	12	13	16.12	0.041	16.55	0.045	16.60	0.046
5	16QAM	25	0	15.94	0.039	16.37	0.043	16.42	0.044

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	22.38	0.173	22.44	0.175	22.37	0.173
20	QPSK	1	49	22.21	0.166	22.27	0.169	22.22	0.167
20	QPSK	1	99	22.05	0.160	22.11	0.163	22.04	0.160
20	QPSK	50	0	21.26	0.134	21.29	0.135	21.24	0.133
20	QPSK	50	24	21.15	0.130	21.06	0.128	21.13	0.130
20	QPSK	50	50	21.03	0.127	20.89	0.123	21.01	0.126
20	QPSK	100	0	21.09	0.129	21.12	0.129	21.03	0.127
20	16QAM	1	0	21.19	0.132	21.16	0.131	21.20	0.132
20	16QAM	1	49	21.09	0.129	21.05	0.127	21.11	0.129
20	16QAM	1	99	20.95	0.124	20.89	0.123	21.02	0.126
20	16QAM	50	0	20.14	0.103	20.04	0.101	20.23	0.105
20	16QAM	50	24	19.96	0.099	19.94	0.099	20.15	0.104
20	16QAM	50	50	19.85	0.097	19.76	0.095	20.06	0.101
20	16QAM	100	0	19.65	0.092	19.66	0.092	19.95	0.099

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	22.34	0.171	22.37	0.173	22.28	0.169
15	QPSK	1	37	22.16	0.164	22.19	0.166	22.12	0.163
15	QPSK	1	74	21.99	0.158	22.06	0.161	22.00	0.158
15	QPSK	36	0	21.20	0.132	21.25	0.133	21.20	0.132
15	QPSK	36	20	21.05	0.127	20.95	0.124	21.06	0.128
15	QPSK	36	39	20.99	0.126	20.83	0.121	20.96	0.125
15	QPSK	75	0	20.79	0.120	20.88	0.122	20.78	0.120
15	16QAM	1	0	21.09	0.129	21.06	0.128	21.15	0.130
15	16QAM	1	37	21.03	0.127	20.99	0.126	21.08	0.128
15	16QAM	1	74	20.84	0.121	20.84	0.121	20.92	0.124
15	16QAM	36	0	20.07	0.102	19.98	0.100	20.15	0.104
15	16QAM	36	20	19.90	0.098	19.86	0.097	20.10	0.102
15	16QAM	36	39	19.80	0.095	19.70	0.093	19.96	0.099
15	16QAM	75	0	19.56	0.090	19.62	0.092	19.90	0.098

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	22.32	0.171	22.37	0.173	22.27	0.169
10	QPSK	1	25	22.14	0.164	22.21	0.166	22.18	0.165
10	QPSK	1	49	21.97	0.157	22.03	0.160	21.98	0.158
10	QPSK	25	0	21.19	0.132	21.21	0.132	21.14	0.130
10	QPSK	25	12	21.04	0.127	20.98	0.125	21.02	0.126
10	QPSK	25	25	20.99	0.126	20.84	0.121	20.98	0.125
10	QPSK	50	0	20.86	0.122	20.86	0.122	20.77	0.119
10	16QAM	1	0	21.08	0.128	21.09	0.129	21.14	0.130
10	16QAM	1	25	21.02	0.126	20.95	0.124	21.01	0.126
10	16QAM	1	49	20.84	0.121	20.79	0.120	20.93	0.124
10	16QAM	25	0	20.05	0.101	19.98	0.100	20.19	0.104
10	16QAM	25	12	19.87	0.097	19.87	0.097	20.10	0.102
10	16QAM	25	25	19.78	0.095	19.72	0.094	20.01	0.100
10	16QAM	50	0	19.62	0.092	19.61	0.091	19.89	0.097

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	22.34	0.171	22.35	0.172	22.26	0.168
5	QPSK	1	12	22.10	0.162	22.20	0.166	22.17	0.165
5	QPSK	1	24	22.00	0.158	22.01	0.159	21.95	0.157
5	QPSK	12	0	21.16	0.131	21.22	0.132	21.21	0.132
5	QPSK	12	7	21.08	0.128	20.99	0.126	21.05	0.127
5	QPSK	12	13	20.95	0.124	20.79	0.120	20.93	0.124
5	QPSK	25	0	20.79	0.120	20.84	0.121	20.76	0.119
5	16QAM	1	0	21.08	0.128	21.10	0.129	21.11	0.129
5	16QAM	1	12	20.99	0.126	21.01	0.126	21.02	0.126
5	16QAM	1	24	20.85	0.122	20.81	0.121	20.93	0.124
5	16QAM	12	0	20.04	0.101	20.00	0.100	20.17	0.104
5	16QAM	12	7	19.91	0.098	19.85	0.097	20.09	0.102
5	16QAM	12	13	19.82	0.096	19.69	0.093	20.01	0.100
5	16QAM	25	0	19.57	0.091	19.62	0.092	19.85	0.097

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	22.24	0.167	22.27	0.169	22.24	0.167
3	QPSK	1	8	22.10	0.162	22.12	0.163	22.05	0.160
3	QPSK	1	14	21.90	0.155	22.03	0.160	21.95	0.157
3	QPSK	8	0	21.14	0.130	21.15	0.130	21.07	0.128
3	QPSK	8	4	21.00	0.126	20.92	0.124	20.99	0.126
3	QPSK	8	7	20.84	0.121	20.76	0.119	20.88	0.122
3	QPSK	15	0	20.77	0.119	20.80	0.120	20.71	0.118
3	16QAM	1	0	21.01	0.126	20.96	0.125	21.08	0.128
3	16QAM	1	8	20.89	0.123	20.91	0.123	21.00	0.126
3	16QAM	1	14	20.81	0.121	20.70	0.117	20.87	0.122
3	16QAM	8	0	20.00	0.100	19.91	0.098	20.08	0.102
3	16QAM	8	4	19.86	0.097	19.80	0.095	19.98	0.100
3	16QAM	8	7	19.76	0.095	19.60	0.091	19.94	0.099
3	16QAM	15	0	19.49	0.089	19.53	0.090	19.79	0.095

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.25	0.168	22.31	0.170	22.27	0.169
1.4	QPSK	1	3	22.06	0.161	22.16	0.164	22.08	0.161
1.4	QPSK	1	5	21.92	0.156	22.04	0.160	21.98	0.158
1.4	QPSK	3	0	21.60	0.145	21.61	0.145	21.56	0.143
1.4	QPSK	3	1	21.52	0.142	21.40	0.138	21.46	0.140
1.4	QPSK	3	3	21.38	0.137	21.45	0.140	21.41	0.138
1.4	QPSK	6	0	20.80	0.120	20.78	0.120	20.73	0.118
1.4	16QAM	1	0	21.03	0.127	21.02	0.126	21.12	0.129
1.4	16QAM	1	3	20.95	0.124	20.93	0.124	20.97	0.125
1.4	16QAM	1	5	20.79	0.120	20.69	0.117	20.90	0.123
1.4	16QAM	3	0	20.42	0.110	20.47	0.111	20.63	0.116
1.4	16QAM	3	1	20.34	0.108	20.27	0.106	20.46	0.111
1.4	16QAM	3	3	20.40	0.110	20.32	0.108	20.42	0.110
1.4	16QAM	6	0	19.53	0.090	19.49	0.089	19.83	0.096

LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.28	0.085	19.33	0.086	19.23	0.084
20	QPSK	1	49	19.09	0.081	19.17	0.083	19.10	0.081
20	QPSK	1	99	18.90	0.078	19.00	0.079	18.96	0.079
20	QPSK	50	0	18.05	0.064	18.19	0.066	18.18	0.066
20	QPSK	50	24	17.86	0.061	18.07	0.064	18.07	0.064
20	QPSK	50	50	17.73	0.059	17.87	0.061	17.95	0.062
20	QPSK	100	0	17.61	0.058	17.86	0.061	17.83	0.061
20	16QAM	1	0	18.00	0.063	18.14	0.065	18.10	0.065
20	16QAM	1	49	17.85	0.061	17.95	0.062	17.93	0.062
20	16QAM	1	99	17.72	0.059	17.82	0.061	17.75	0.060
20	16QAM	50	0	16.93	0.049	16.96	0.050	16.92	0.049
20	16QAM	50	24	16.82	0.048	16.82	0.048	16.78	0.048
20	16QAM	50	50	16.72	0.047	16.68	0.047	16.63	0.046
20	16QAM	100	0	16.69	0.047	16.60	0.046	16.65	0.046

LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.8		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.23	0.084	19.27	0.085	19.18	0.083
15	QPSK	1	37	19.00	0.079	19.08	0.081	19.02	0.080
15	QPSK	1	74	18.84	0.077	18.95	0.079	18.86	0.077
15	QPSK	36	0	17.95	0.062	18.11	0.065	18.15	0.065
15	QPSK	36	20	17.80	0.060	18.02	0.063	17.99	0.063
15	QPSK	36	39	17.67	0.058	17.81	0.060	17.85	0.061
15	QPSK	75	0	17.56	0.057	17.80	0.060	17.75	0.060
15	16QAM	1	0	17.93	0.062	18.07	0.064	18.04	0.064
15	16QAM	1	37	17.75	0.060	17.87	0.061	17.85	0.061
15	16QAM	1	74	17.64	0.058	17.72	0.059	17.67	0.058
15	16QAM	36	0	16.84	0.048	16.87	0.049	16.86	0.049
15	16QAM	36	20	16.78	0.048	16.75	0.047	16.68	0.047
15	16QAM	36	39	16.68	0.047	16.60	0.046	16.54	0.045
15	16QAM	75	0	16.61	0.046	16.52	0.045	16.62	0.046

LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133272		133422	
Frequency (MHz)				668		678		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.24	0.084	19.29	0.085	19.18	0.083
10	QPSK	1	25	19.03	0.080	19.11	0.081	19.06	0.081
10	QPSK	1	49	18.80	0.076	18.94	0.078	18.89	0.077
10	QPSK	25	0	17.96	0.063	18.10	0.065	18.15	0.065
10	QPSK	25	12	17.81	0.060	17.98	0.063	18.01	0.063
10	QPSK	25	25	17.66	0.058	17.81	0.060	17.91	0.062
10	QPSK	50	0	17.52	0.056	17.75	0.060	17.78	0.060
10	16QAM	1	0	17.94	0.062	18.07	0.064	18.01	0.063
10	16QAM	1	25	17.78	0.060	17.88	0.061	17.83	0.061
10	16QAM	1	49	17.67	0.058	17.76	0.060	17.71	0.059
10	16QAM	25	0	16.85	0.048	16.87	0.049	16.83	0.048
10	16QAM	25	12	16.73	0.047	16.76	0.047	16.72	0.047
10	16QAM	25	25	16.65	0.046	16.63	0.046	16.57	0.045
10	16QAM	50	0	16.61	0.046	16.52	0.045	16.60	0.046

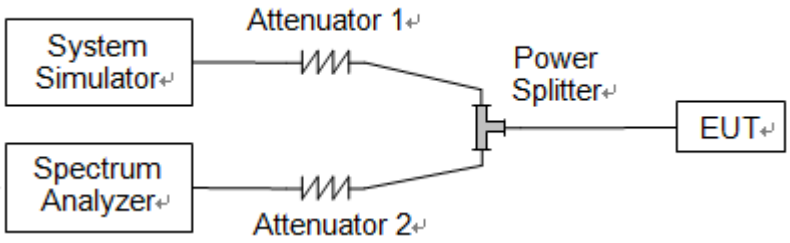
LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133247		133447	
Frequency (MHz)				665.5		675.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.24	0.084	19.23	0.084	19.17	0.083
5	QPSK	1	12	19.00	0.079	19.07	0.081	19.06	0.081
5	QPSK	1	24	18.86	0.077	18.91	0.078	18.87	0.077
5	QPSK	12	0	17.97	0.063	18.08	0.064	18.08	0.064
5	QPSK	12	7	17.78	0.060	17.96	0.063	17.97	0.063
5	QPSK	12	13	17.69	0.059	17.81	0.060	17.85	0.061
5	QPSK	25	0	17.54	0.057	17.80	0.060	17.78	0.060
5	16QAM	1	0	17.95	0.062	18.04	0.064	18.01	0.063
5	16QAM	1	12	17.81	0.060	17.88	0.061	17.85	0.061
5	16QAM	1	24	17.62	0.058	17.73	0.059	17.66	0.058
5	16QAM	12	0	16.86	0.049	16.93	0.049	16.87	0.049
5	16QAM	12	7	16.77	0.048	16.78	0.048	16.68	0.047
5	16QAM	12	13	16.67	0.046	16.62	0.046	16.60	0.046
5	16QAM	25	0	16.64	0.046	16.55	0.045	16.56	0.045

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result

LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.29
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.28
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.31
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.94
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.92
5	Low	QPSK	4.50	4.89
	Low	16QAM	4.50	4.92
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.50	4.94
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.93
10	Low	QPSK	9.02	9.70
	Low	16QAM	8.98	9.74
	Mid	QPSK	9.00	9.74
	Mid	16QAM	8.99	9.76
	High	QPSK	9.02	9.79
	High	16QAM	8.98	9.67
15	Low	QPSK	13.51	14.61
	Low	16QAM	13.48	14.63
	Mid	QPSK	13.46	14.55
	Mid	16QAM	13.48	14.56
	High	QPSK	13.49	14.57
	High	16QAM	13.46	14.67
20	Low	QPSK	17.95	19.40
	Low	16QAM	17.99	19.34
	Mid	QPSK	17.95	19.43
	Mid	16QAM	18.00	19.37
	High	QPSK	17.97	19.34
	High	16QAM	18.00	19.30

LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.09	1.26
	Mid	16QAM	1.10	1.30
	High	QPSK	1.09	1.28
	High	16QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.92
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.90
	Mid	QPSK	4.49	4.94
	Mid	16QAM	4.50	4.88
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.98
10	Low	QPSK	8.99	9.75
	Low	16QAM	8.97	9.65
	Mid	QPSK	8.97	9.72
	Mid	16QAM	8.97	9.73
	High	QPSK	9.01	9.77
	High	16QAM	8.98	10.11
15	Low	QPSK	13.47	14.60
	Low	16QAM	13.49	14.69
	Mid	QPSK	13.49	14.59
	Mid	16QAM	13.45	14.53
	High	QPSK	13.49	15.66
	High	16QAM	13.47	14.61
20	Low	QPSK	17.97	19.24
	Low	16QAM	18.00	19.35
	Mid	QPSK	17.93	19.31
	Mid	16QAM	17.95	19.37
	High	QPSK	17.95	19.55
	High	16QAM	17.95	19.32

LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.31
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.30
	High	QPSK	1.09	1.26
	High	16QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.92
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.92
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.92
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.50	4.95
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.91
10	Low	QPSK	9.00	9.76
	Low	16QAM	8.98	9.91
	Mid	QPSK	8.99	9.75
	Mid	16QAM	8.97	9.73
	High	QPSK	8.97	9.76
	High	16QAM	8.96	9.70

LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.31
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.29
	High	QPSK	1.09	1.28
	High	16QAM	1.10	1.31
3	Low	QPSK	2.70	3.10
	Low	16QAM	2.70	3.41
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.92
5	Low	QPSK	4.51	5.16
	Low	16QAM	4.50	5.10
	Mid	QPSK	4.51	5.18
	Mid	16QAM	4.52	5.19
	High	QPSK	4.51	5.16
	High	16QAM	4.51	5.13
10	Low	QPSK	9.00	9.94
	Low	16QAM	8.97	9.90
	Mid	QPSK	9.02	10.05
	Mid	16QAM	8.98	9.95
	High	QPSK	9.02	10.03
	High	16QAM	8.98	9.91

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.08
	Low	16QAM	4.51	5.13
	Mid	QPSK	4.51	5.16
	Mid	16QAM	4.52	5.18
	High	QPSK	4.51	5.60
	High	16QAM	4.52	5.54
10	Low	QPSK	9.03	10.09
	Low	16QAM	8.99	10.00
	Mid	QPSK	9.03	10.10
	Mid	16QAM	8.99	10.34
	High	QPSK	9.00	10.02
	High	16QAM	8.98	9.95

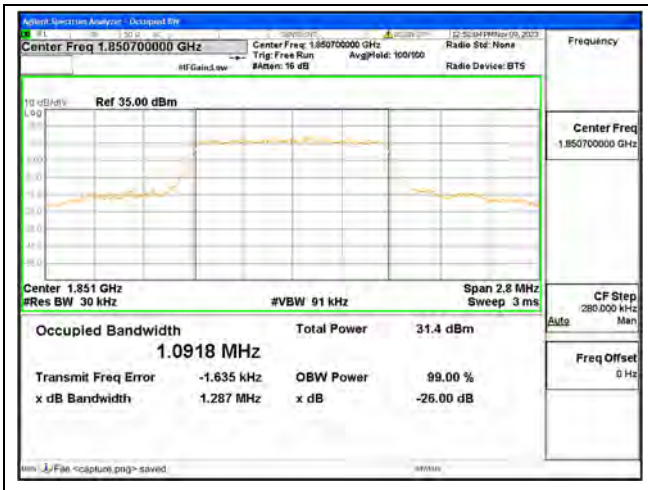
LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.26
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.30
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.31
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.97
	High	QPSK	2.69	3.00
	High	16QAM	2.70	2.94
5	Low	QPSK	4.52	5.23
	Low	16QAM	4.52	5.15
	Mid	QPSK	4.52	5.16
	Mid	16QAM	4.52	5.14
	High	QPSK	4.51	5.20
	High	16QAM	4.51	5.18
10	Low	QPSK	9.04	10.12
	Low	16QAM	9.00	9.97
	Mid	QPSK	9.02	10.07
	Mid	16QAM	8.99	9.99
	High	QPSK	9.00	10.03
	High	16QAM	8.97	9.96
15	Low	QPSK	13.54	15.00
	Low	16QAM	13.51	14.92
	Mid	QPSK	13.53	15.04
	Mid	16QAM	13.51	14.99
	High	QPSK	13.52	15.03
	High	16QAM	13.48	15.19
20	Low	QPSK	17.99	19.85
	Low	16QAM	18.02	19.70
	Mid	QPSK	18.01	19.83
	Mid	16QAM	17.99	19.75
	High	QPSK	17.98	19.69
	High	16QAM	17.95	19.62

LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.28
	Mid	QPSK	1.09	1.26
	Mid	16QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.09	1.28
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.92
	Mid	QPSK	2.69	2.90
	Mid	16QAM	2.69	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.70	2.92
5	Low	QPSK	4.50	4.92
	Low	16QAM	4.50	5.03
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.50	4.89
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.88
10	Low	QPSK	9.01	9.74
	Low	16QAM	8.97	9.67
	Mid	QPSK	8.97	9.78
	Mid	16QAM	8.97	9.67
	High	QPSK	8.97	9.56
	High	16QAM	8.95	9.73
15	Low	QPSK	13.48	15.54
	Low	16QAM	13.45	14.71
	Mid	QPSK	13.44	14.57
	Mid	16QAM	13.46	14.65
	High	QPSK	13.44	15.22
	High	16QAM	13.46	14.55

LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.92
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.50	4.93
	High	QPSK	4.49	4.93
	High	16QAM	4.51	4.92
10	Low	QPSK	8.99	9.81
	Low	16QAM	8.98	9.71
	Mid	QPSK	8.99	9.73
	Mid	16QAM	8.98	9.77
	High	QPSK	9.00	9.72
	High	16QAM	8.98	9.76
15	Low	QPSK	13.47	14.58
	Low	16QAM	13.46	14.58
	Mid	QPSK	13.46	14.75
	Mid	16QAM	13.50	14.55
	High	QPSK	13.50	14.50
	High	16QAM	13.50	14.57
20	Low	QPSK	17.98	19.26
	Low	16QAM	17.94	19.33
	Mid	QPSK	17.96	19.34
	Mid	16QAM	17.93	19.28
	High	QPSK	17.97	19.25
	High	16QAM	17.90	19.25

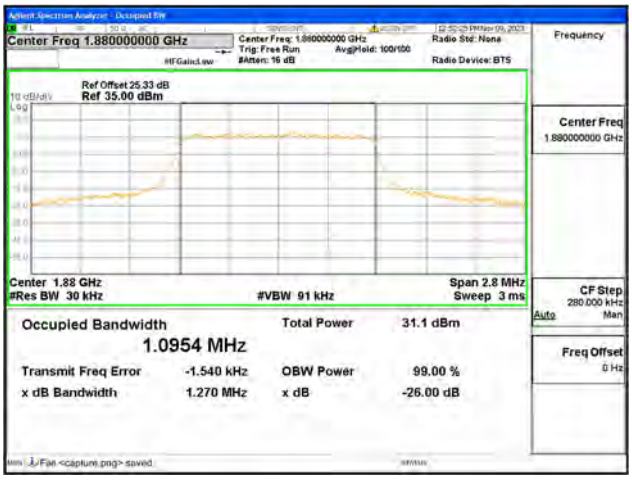
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.30
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.92
	High	QPSK	2.69	3.00
	High	16QAM	2.70	3.06
5	Low	QPSK	4.52	5.20
	Low	16QAM	4.51	5.16
	Mid	QPSK	4.52	5.15
	Mid	16QAM	4.51	5.12
	High	QPSK	4.52	5.17
	High	16QAM	4.52	5.12
10	Low	QPSK	9.03	10.01
	Low	16QAM	8.99	9.98
	Mid	QPSK	9.03	10.20
	Mid	16QAM	8.98	9.97
	High	QPSK	9.03	10.16
	High	16QAM	8.99	10.22
15	Low	QPSK	13.51	14.94
	Low	16QAM	13.49	15.02
	Mid	QPSK	13.47	14.95
	Mid	16QAM	13.49	14.92
	High	QPSK	13.47	14.97
	High	16QAM	13.48	14.98
20	Low	QPSK	18.01	19.73
	Low	16QAM	18.02	19.70
	Mid	QPSK	17.99	19.93
	Mid	16QAM	18.01	20.26
	High	QPSK	17.96	19.63
	High	16QAM	17.96	19.64

LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.12
	Low	16QAM	4.51	5.15
	Mid	QPSK	4.51	5.18
	Mid	16QAM	4.51	5.14
	High	QPSK	4.51	5.22
	High	16QAM	4.52	5.08
10	Low	QPSK	9.01	10.00
	Low	16QAM	8.99	9.89
	Mid	QPSK	9.03	10.07
	Mid	16QAM	8.99	10.02
	High	QPSK	9.02	10.03
	High	16QAM	8.97	9.85
15	Low	QPSK	13.48	14.95
	Low	16QAM	13.49	14.90
	Mid	QPSK	13.49	15.09
	Mid	16QAM	13.52	15.09
	High	QPSK	13.54	15.32
	High	16QAM	13.52	15.31
20	Low	QPSK	17.94	19.55
	Low	16QAM	17.95	19.57
	Mid	QPSK	18.02	19.87
	Mid	16QAM	18.06	19.77
	High	QPSK	18.02	19.82
	High	16QAM	18.01	19.72

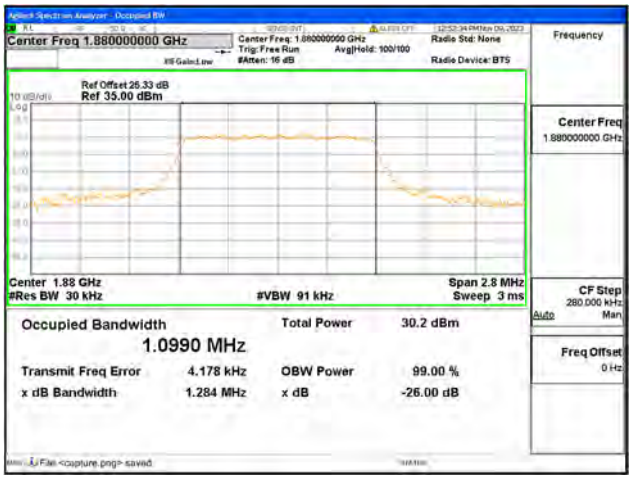


B2 / 1.4MHz / QPSK/ Low CH

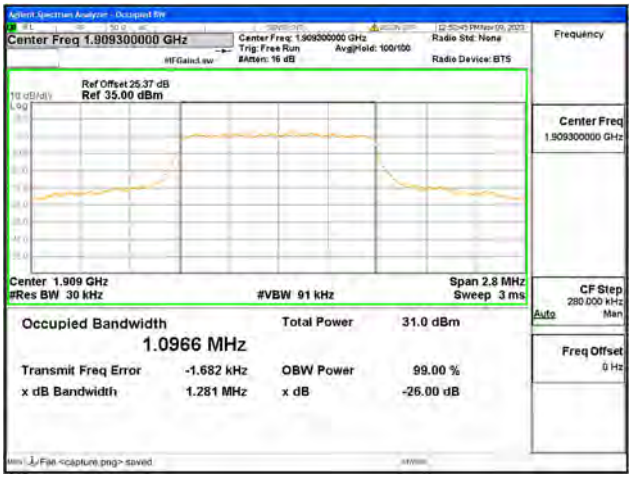
B2 / 1.4MHz / 16QAM/ Low CH



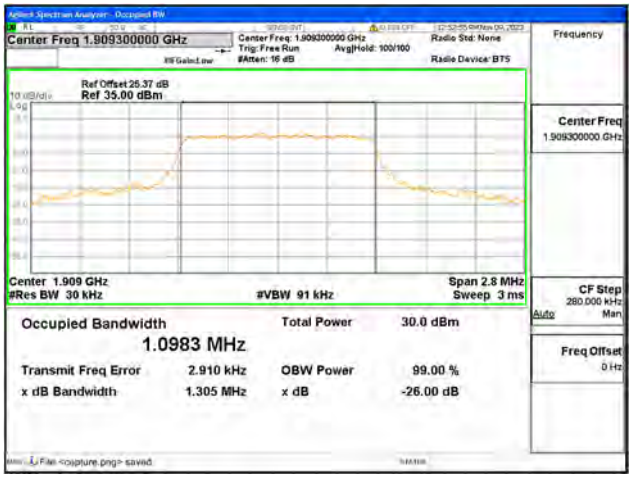
B2 / 1.4MHz / QPSK/ Mid CH



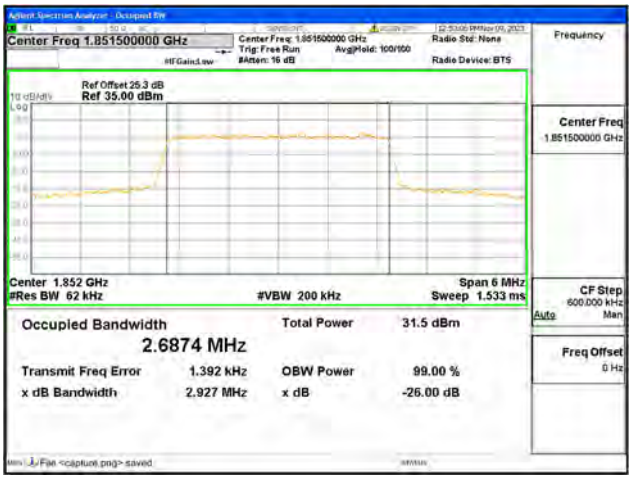
B2 / 1.4MHz / 16QAM/ Mid CH



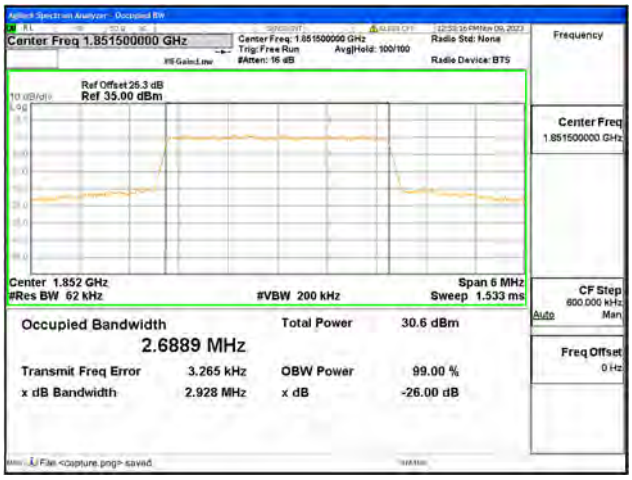
B2 / 1.4MHz / QPSK/ High CH



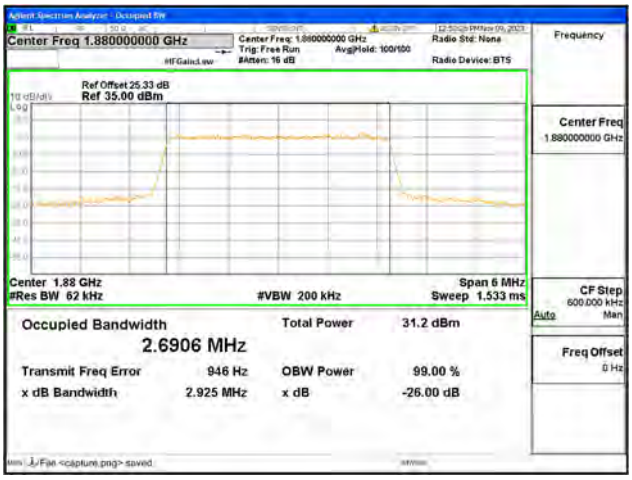
B2 / 1.4MHz / 16QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



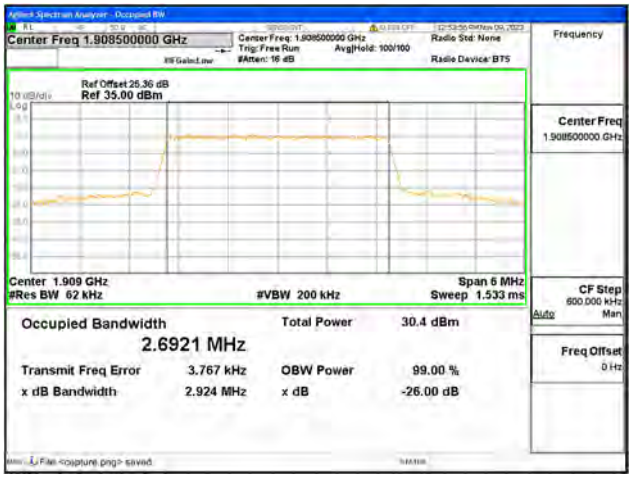
B2 / 3MHz / 16QAM/ Low CH



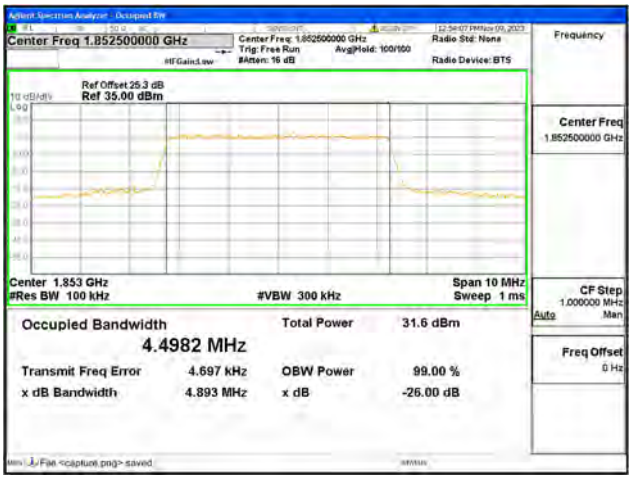
B2 / 3MHz / QPSK/ Mid CH

B2 / 3MHz / 16QAM/ Mid CH

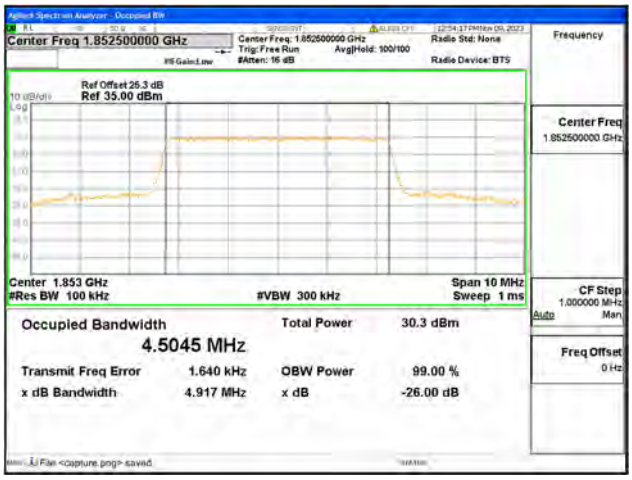
B2 / 3MHz / QPSK/ High CH



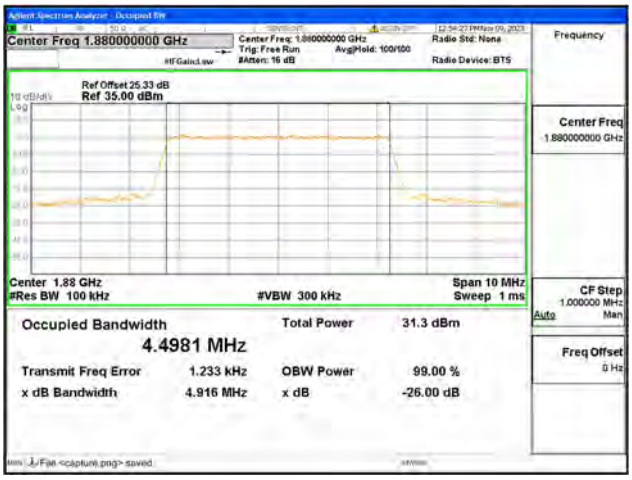
B2 / 3MHz / 16QAM/ High CH



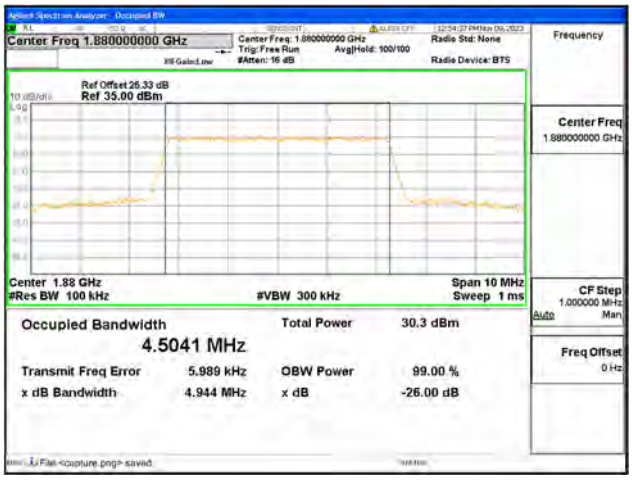
B2 / 5MHz / QPSK/ Low CH



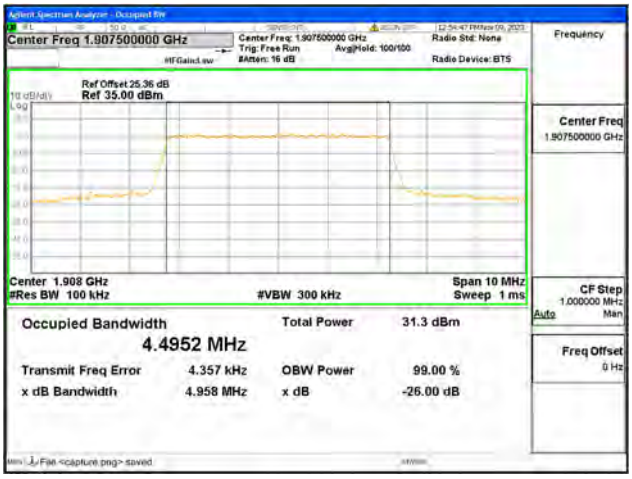
B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH

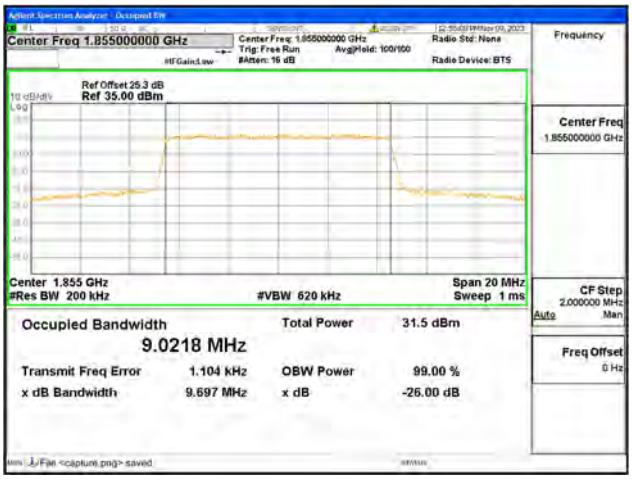


B2 / 5MHz / 16QAM/ Mid CH

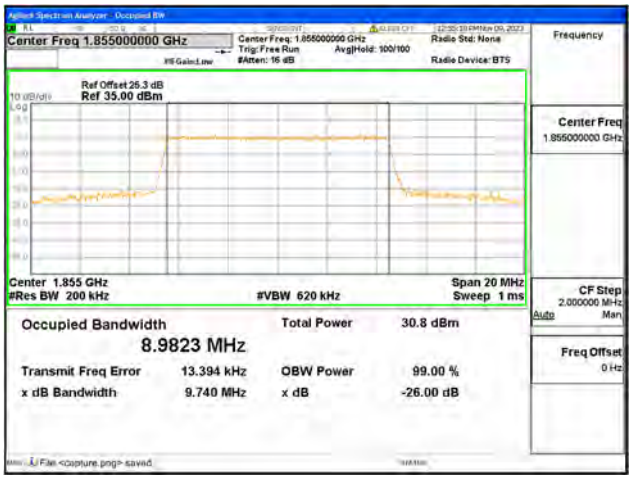


B2 / 5MHz / QPSK/ High CH

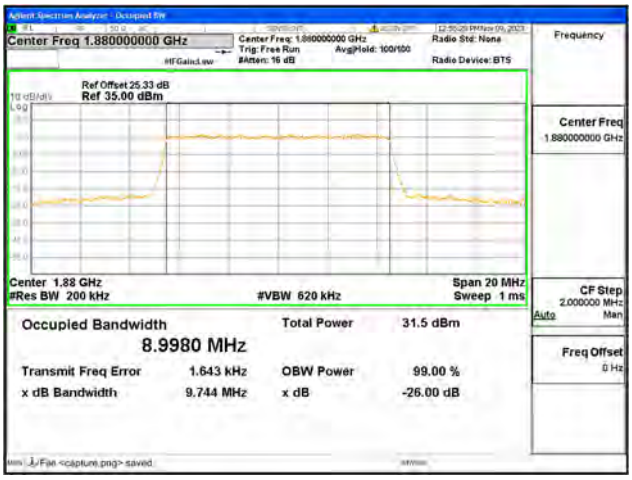
B2 / 5MHz / 16QAM/ High CH



B2 / 10MHz / QPSK/ Low CH

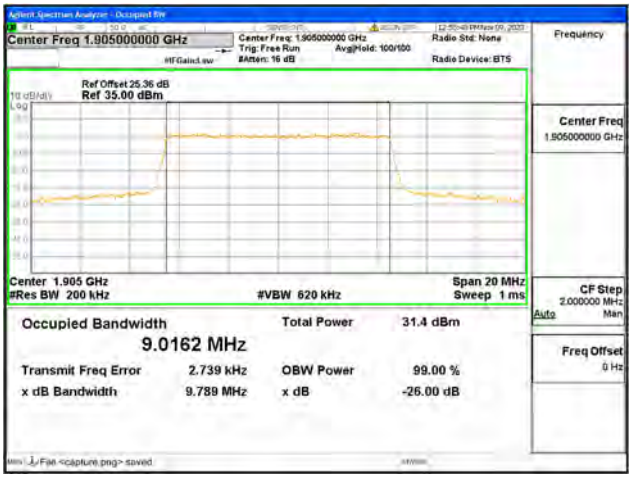


B2 / 10MHz / 16QAM/ Low CH

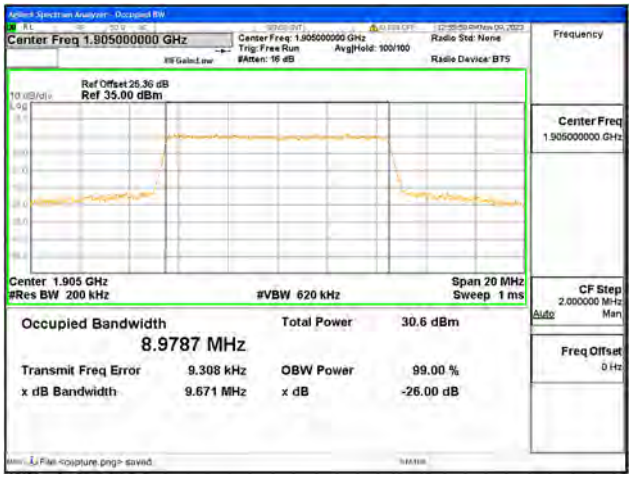


B2 / 10MHz / QPSK/ Mid CH

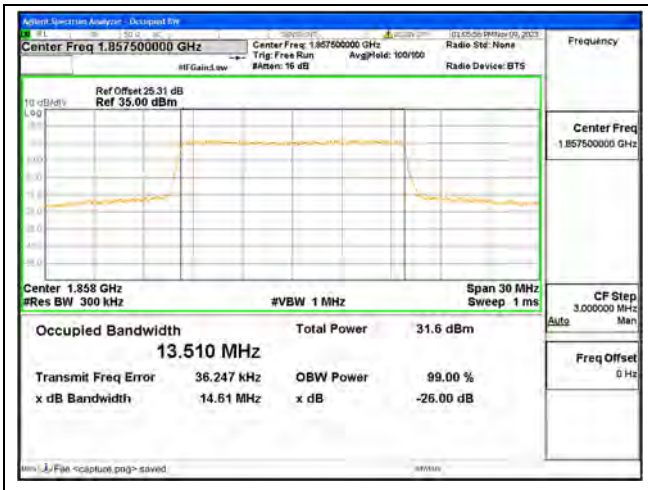
B2 / 10MHz / 16QAM/ Mid CH



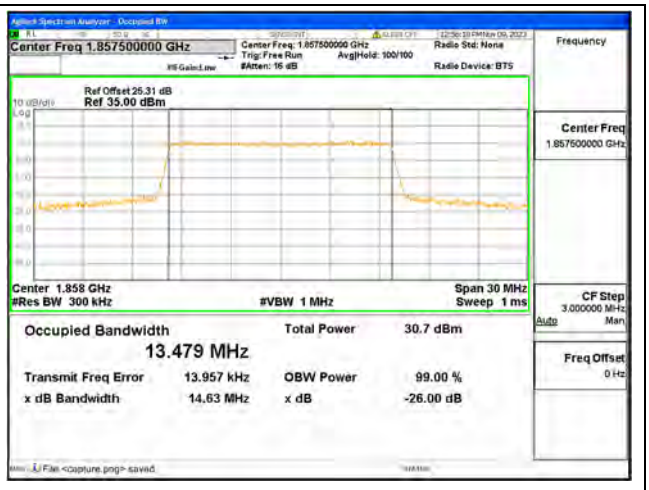
B2 / 10MHz / QPSK/ High CH



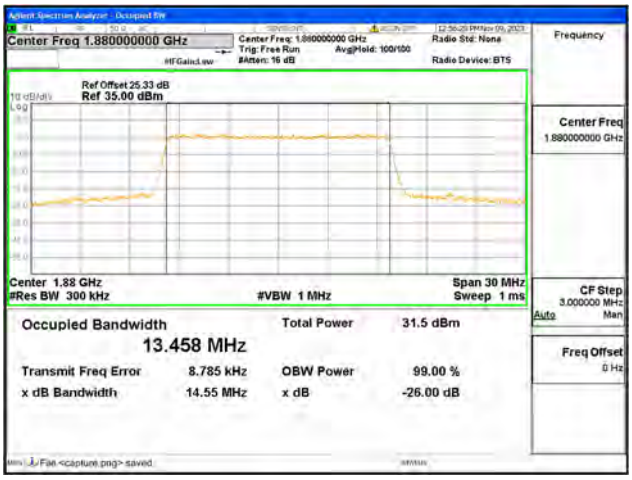
B2 / 10MHz / 16QAM/ High CH



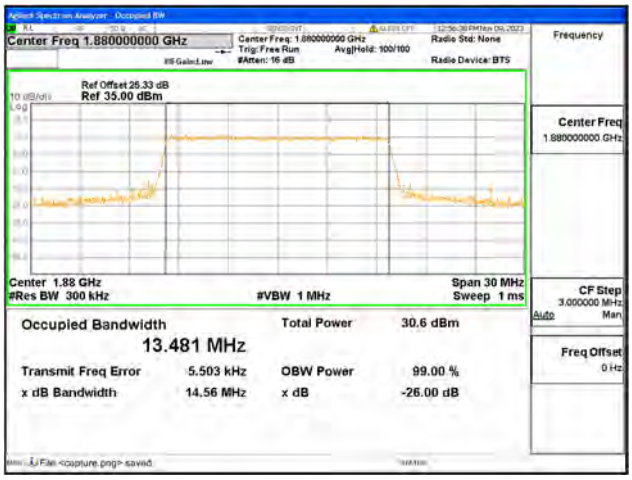
B2 / 15MHz / QPSK/ Low CH



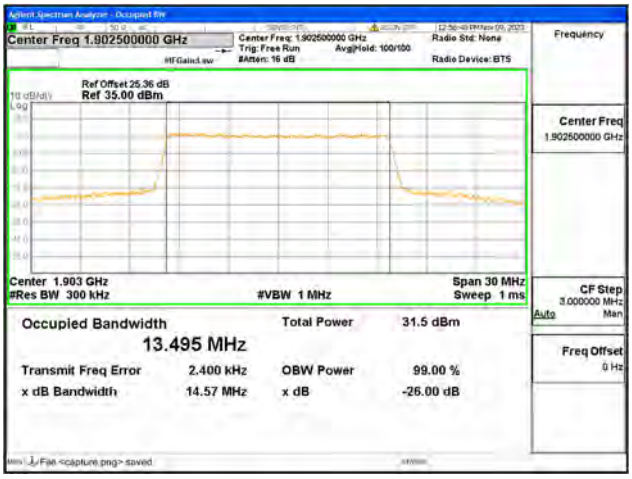
B2 / 15MHz / 16QAM/ Low CH



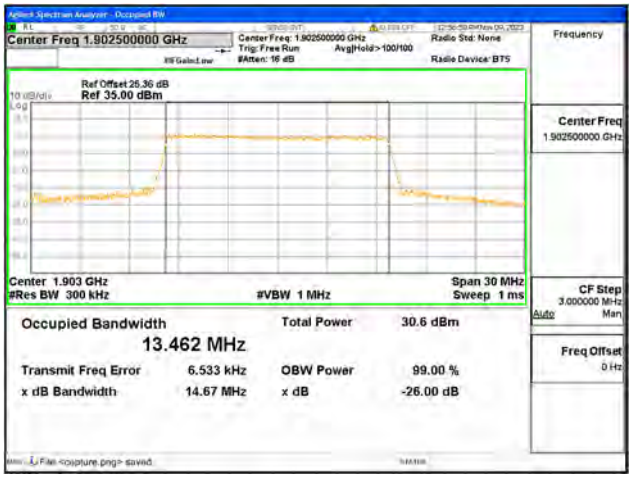
B2 / 15MHz / QPSK/ Mid CH



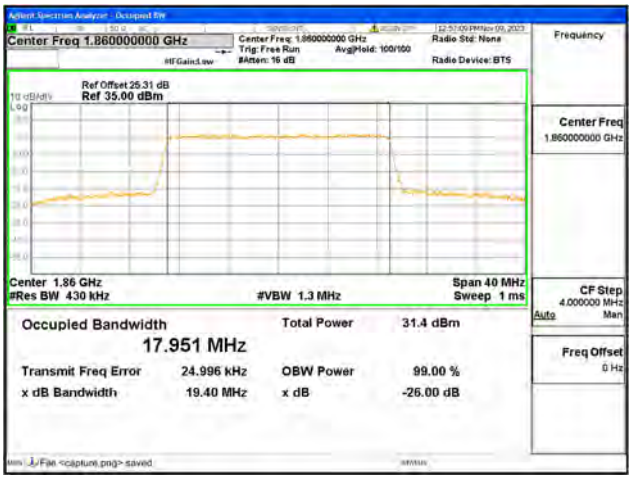
B2 / 15MHz / 16QAM/ Mid CH



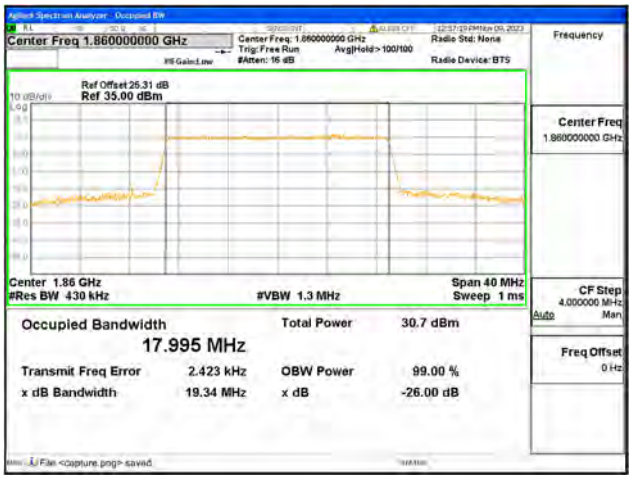
B2 / 15MHz / QPSK/ High CH



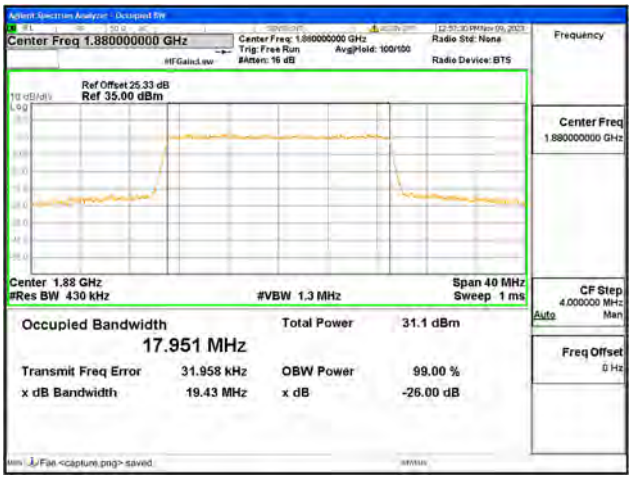
B2 / 15MHz / 16QAM/ High CH



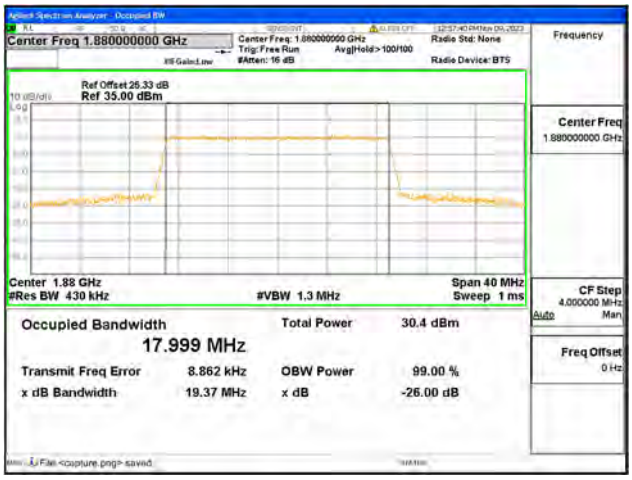
B2 / 20MHz / QPSK/ Low CH



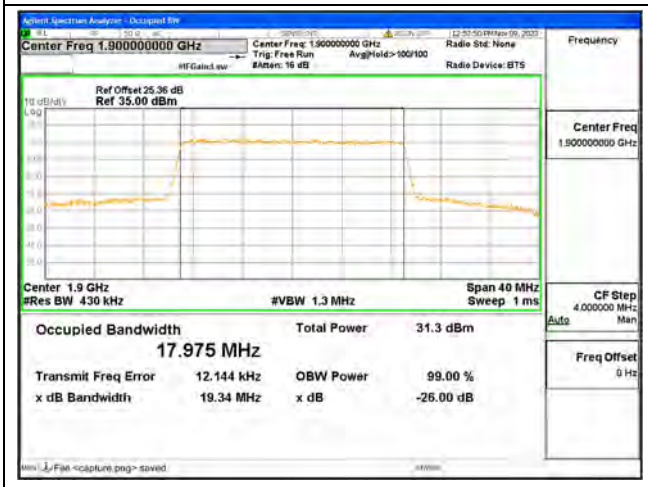
B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH

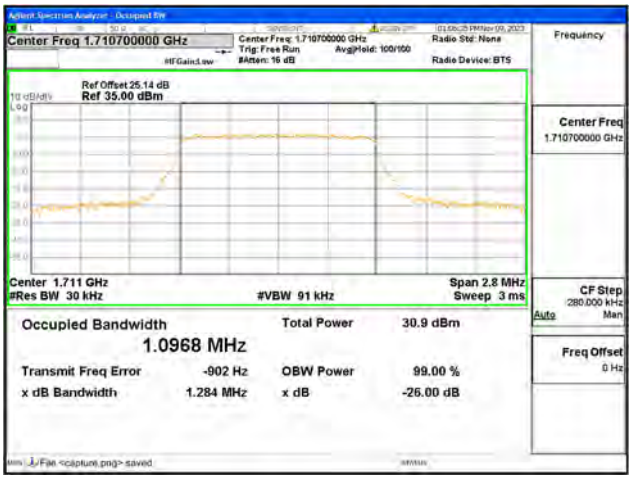


B2 / 20MHz / 16QAM/ Mid CH

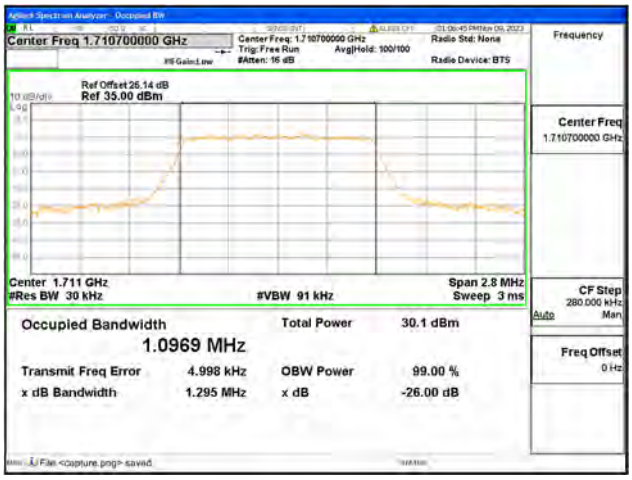


B2 / 20MHz / QPSK/ High CH

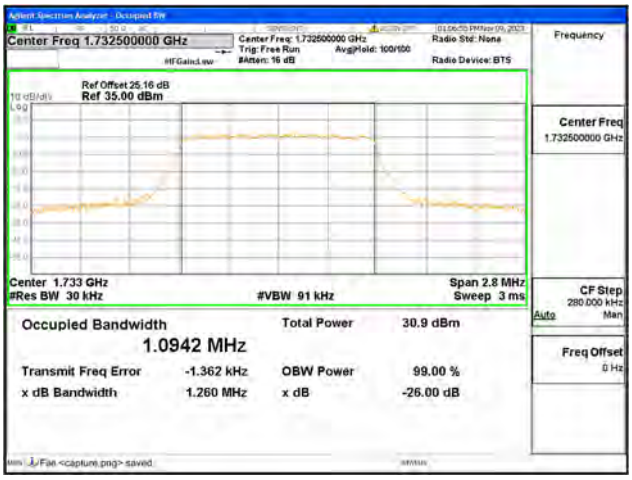
B2 / 20MHz / 16QAM/ High CH



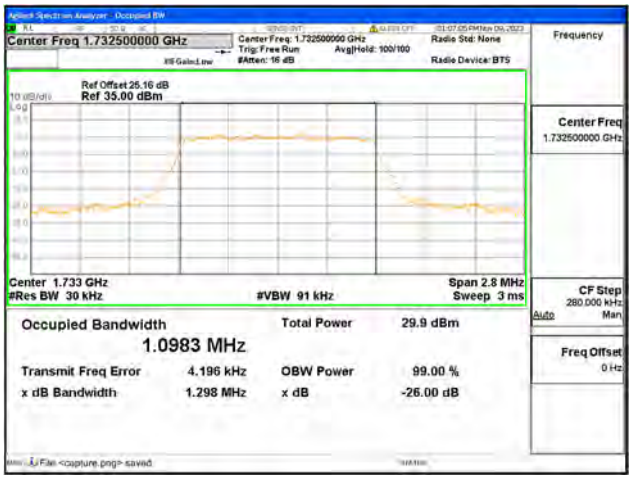
B4 / 1.4MHz / QPSK/ Low CH



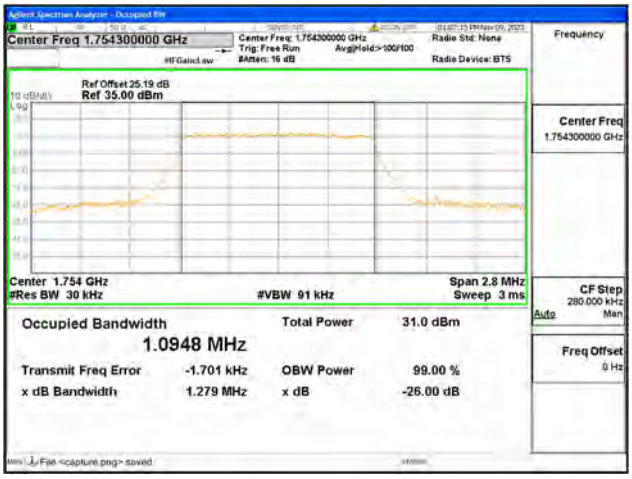
B4 / 1.4MHz / 16QAM/ Low CH



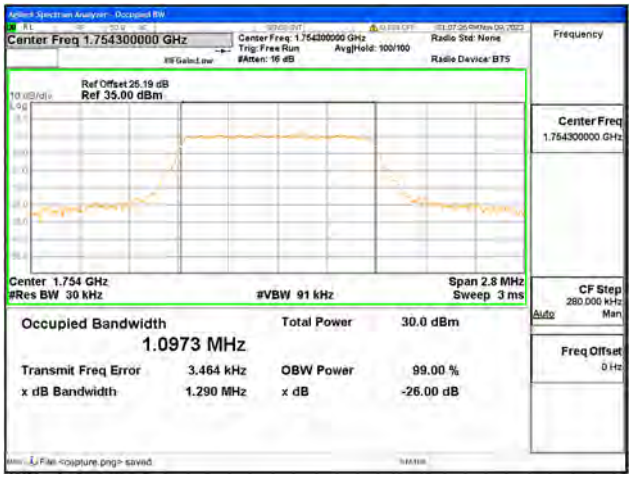
B4 / 1.4MHz / QPSK/ Mid CH



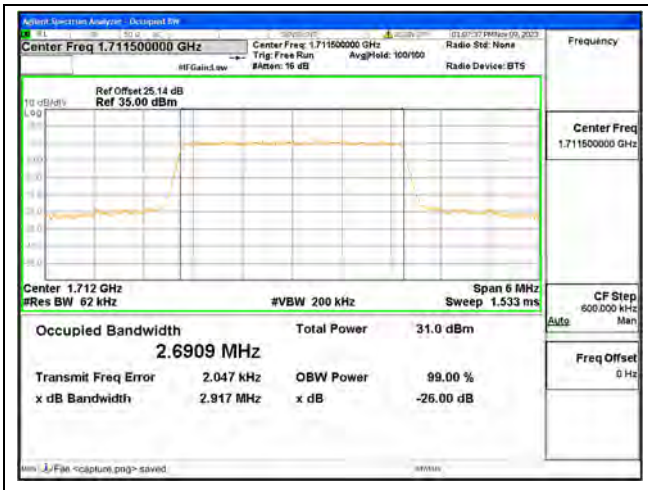
B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



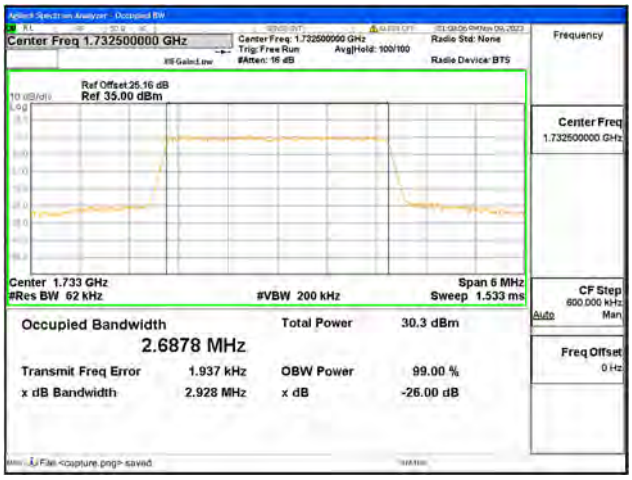
B4 / 1.4MHz / 16QAM/ High CH



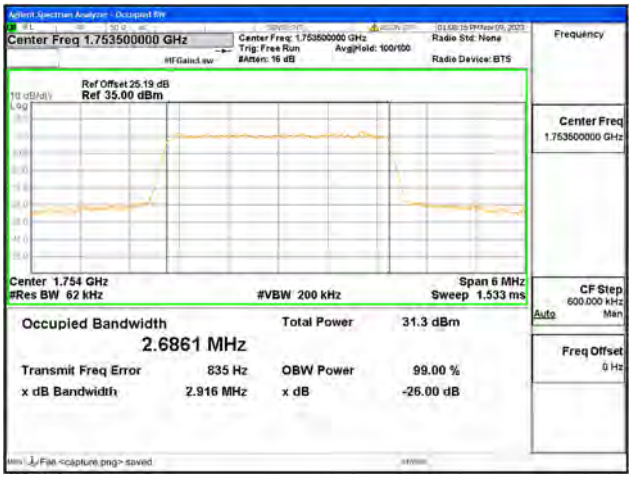
B4 / 3MHz / QPSK/ Low CH

B4 / 3MHz / 16QAM/ Low CH

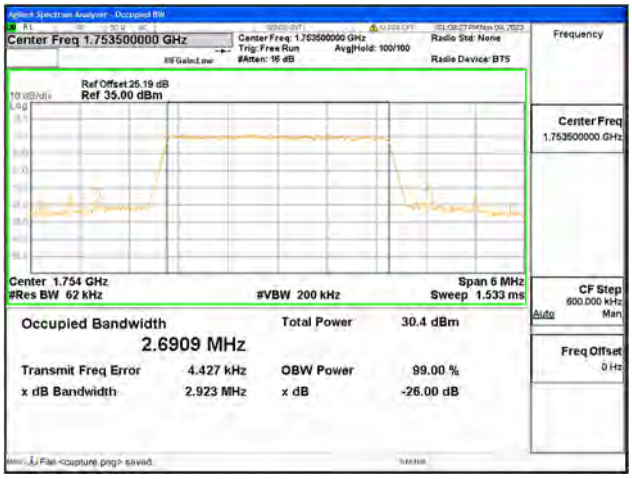
B4 / 3MHz / QPSK/ Mid CH



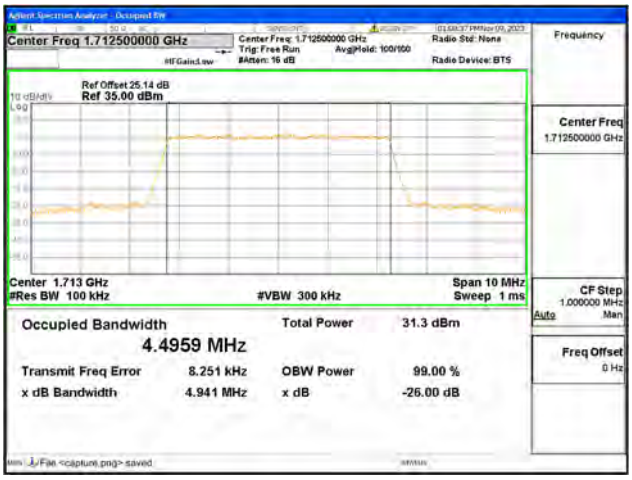
B4 / 3MHz / 16QAM/ Mid CH



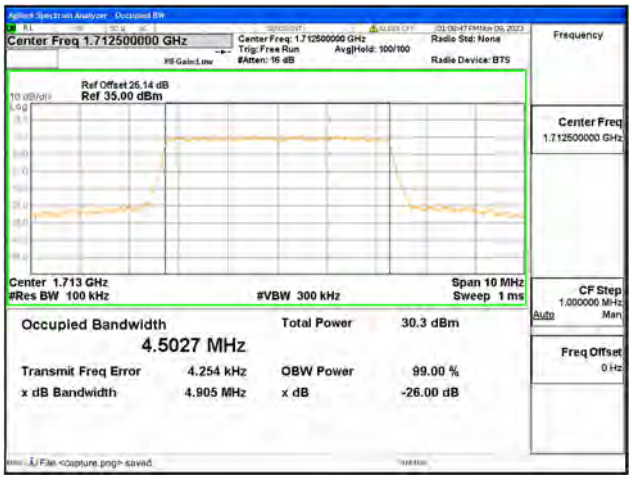
B4 / 3MHz / QPSK/ High CH



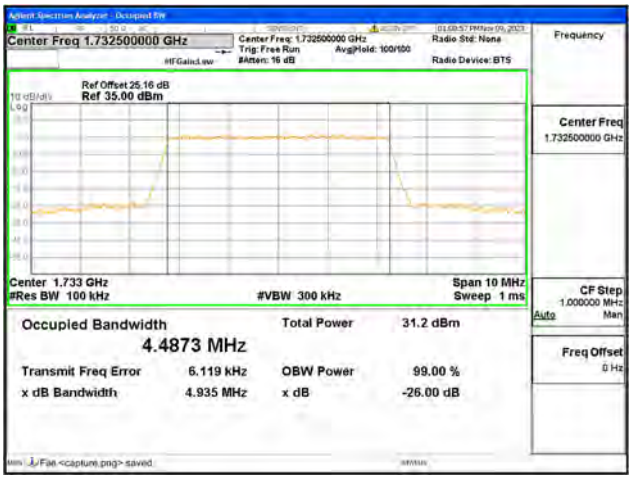
B4 / 3MHz / 16QAM/ High CH



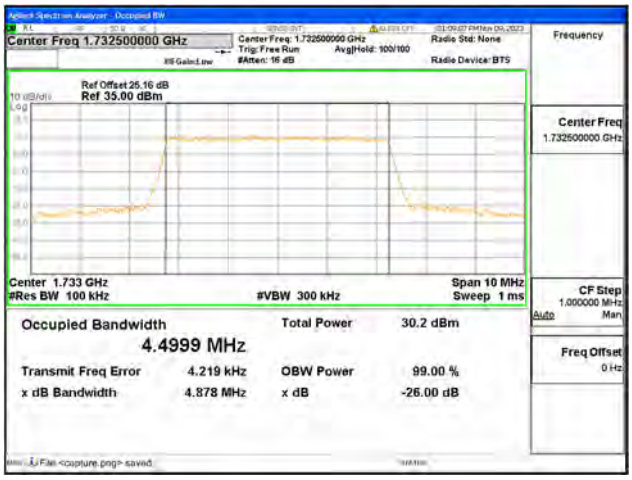
B4 / 5MHz / QPSK/ Low CH



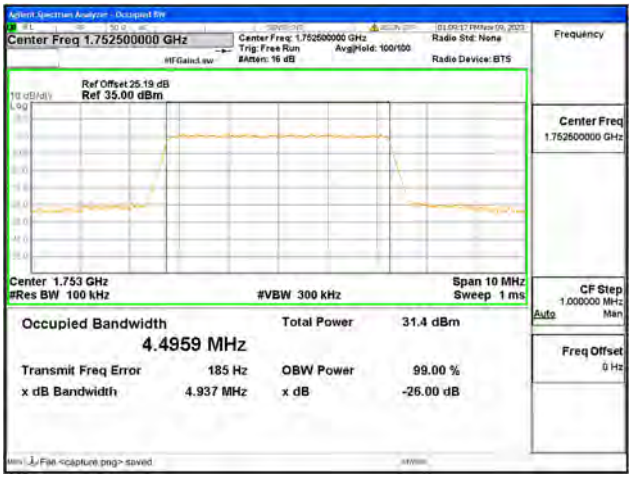
B4 / 5MHz / 16QAM/ Low CH



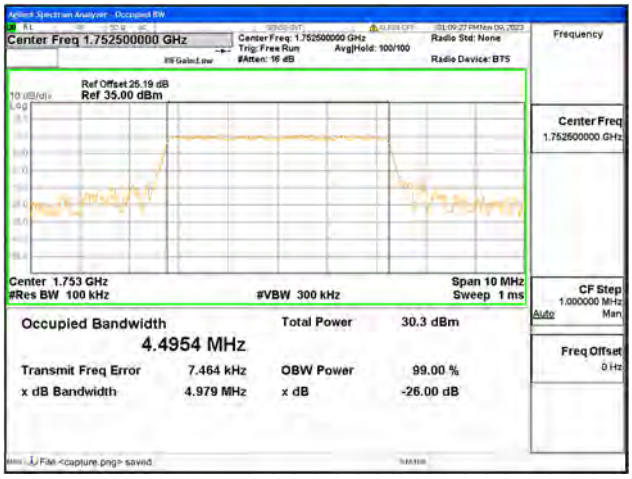
B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



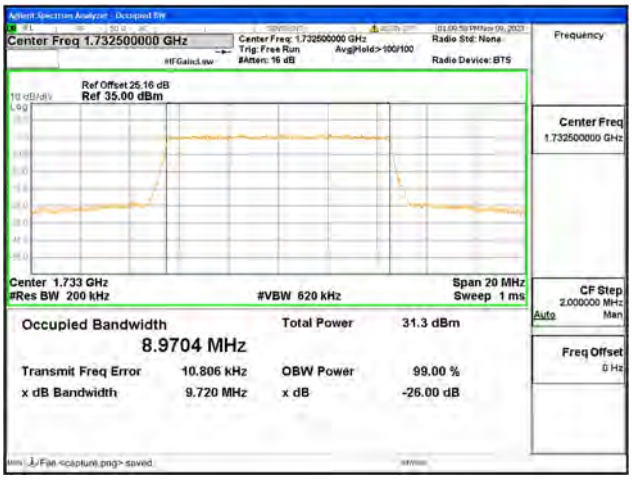
B4 / 5MHz / QPSK/ High CH



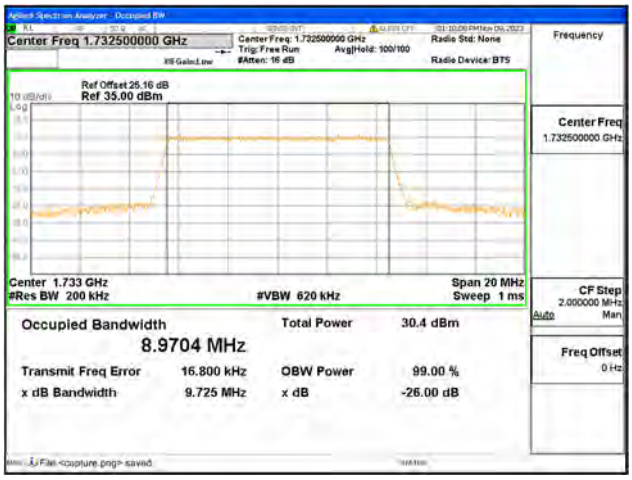
B4 / 5MHz / 16QAM/ High CH

B4 / 10MHz / QPSK/ Low CH

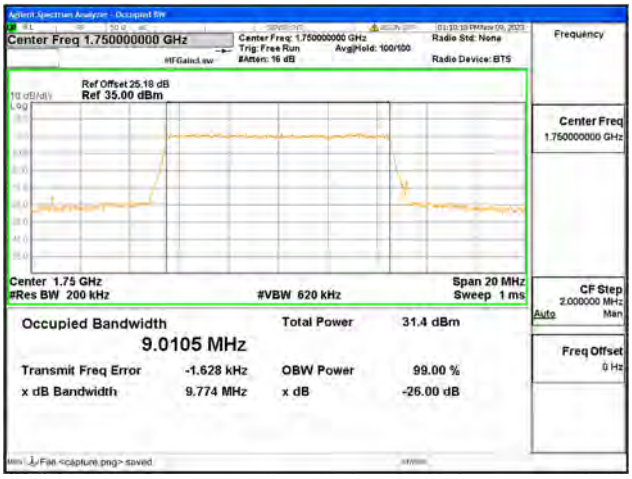
B4 / 10MHz / 16QAM/ Low CH



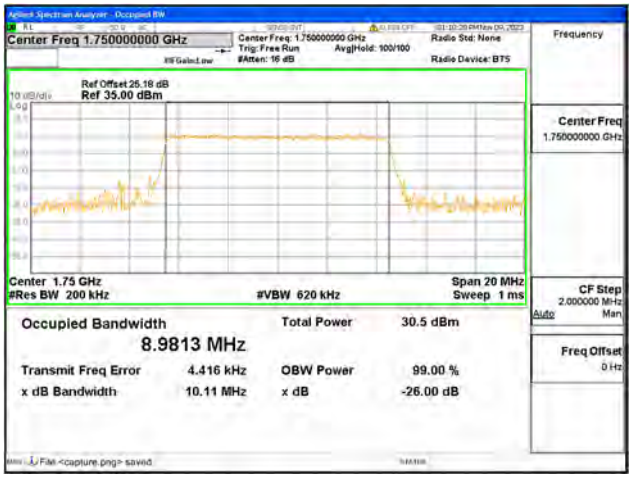
B4 / 10MHz / QPSK/ Mid CH



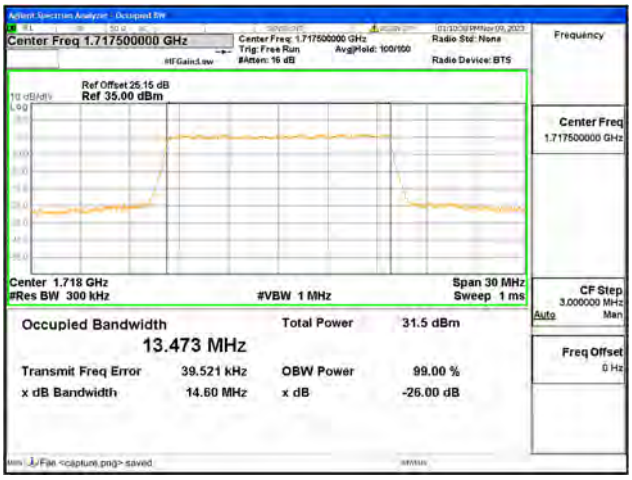
B4 / 10MHz / 16QAM/ Mid CH



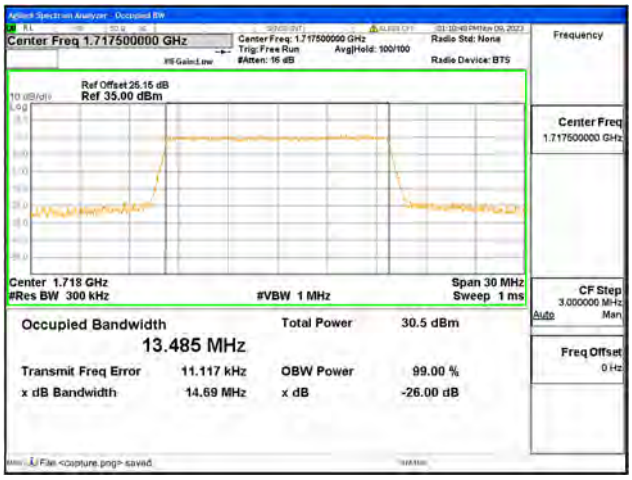
B4 / 10MHz / QPSK/ High CH



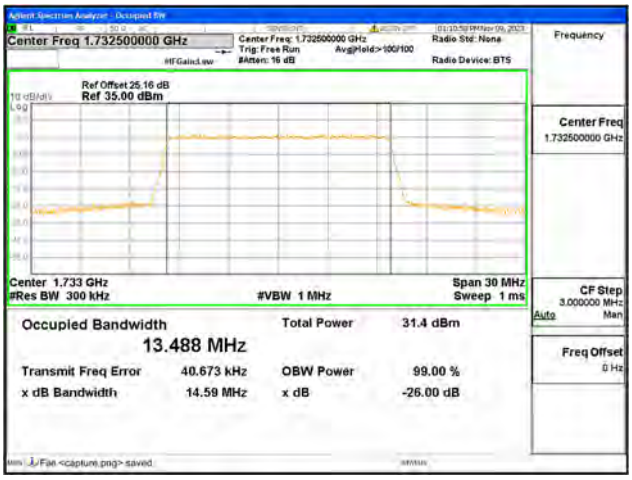
B4 / 10MHz / 16QAM/ High CH



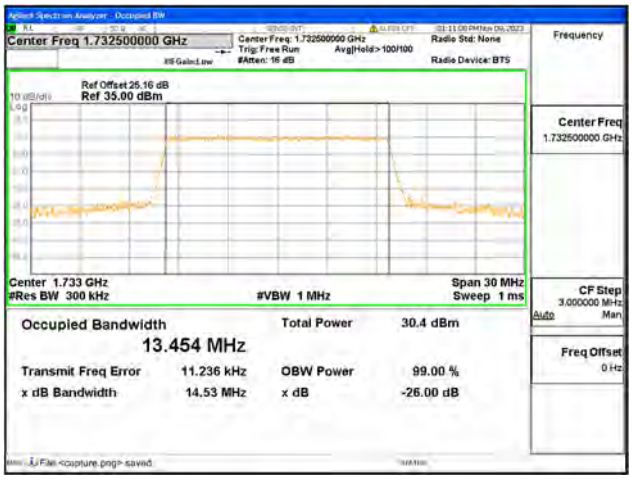
B4 / 15MHz / QPSK/ Low CH



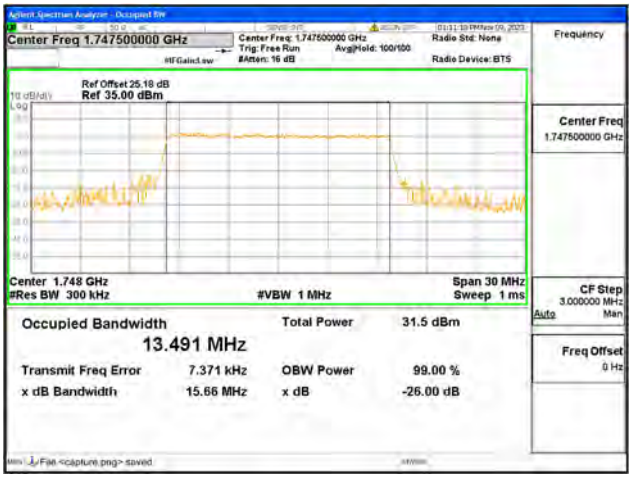
B4 / 15MHz / 16QAM/ Low CH



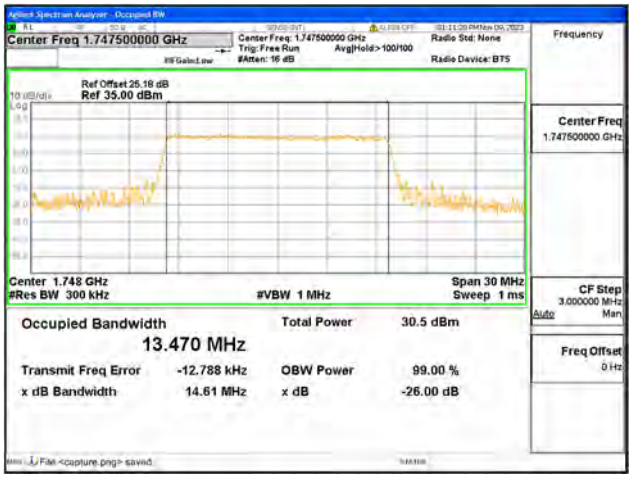
B4 / 15MHz / QPSK/ Mid CH



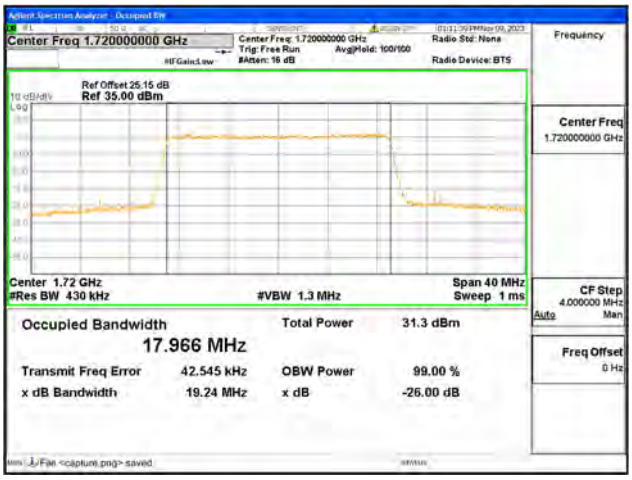
B4 / 15MHz / 16QAM/ Mid CH



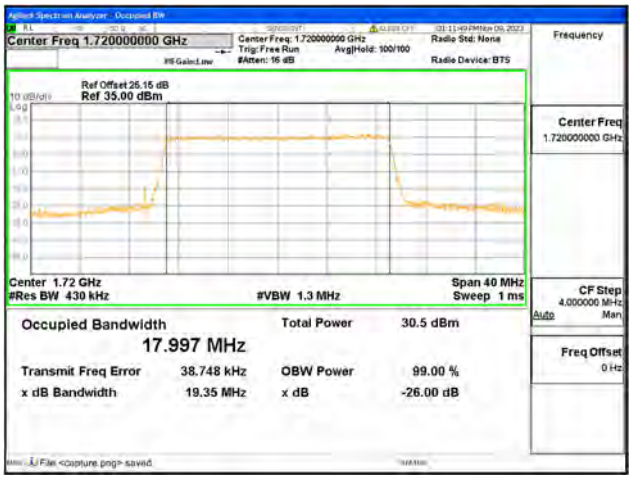
B4 / 15MHz / QPSK/ High CH



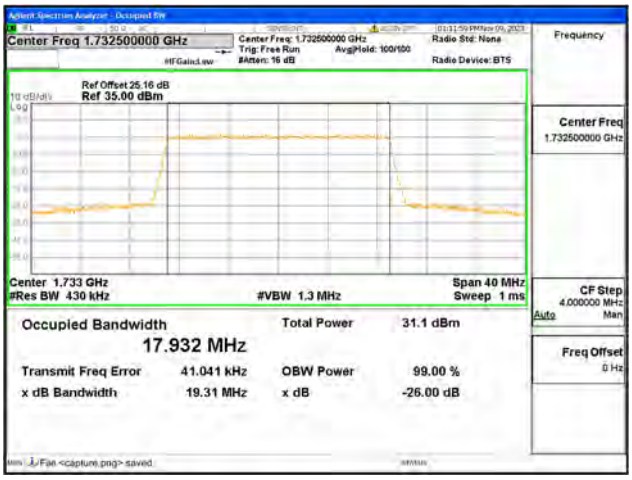
B4 / 15MHz / 16QAM/ High CH



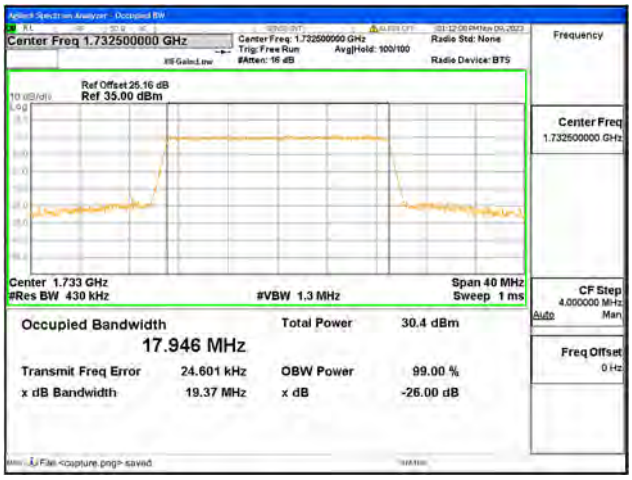
B4 / 20MHz / QPSK/ Low CH



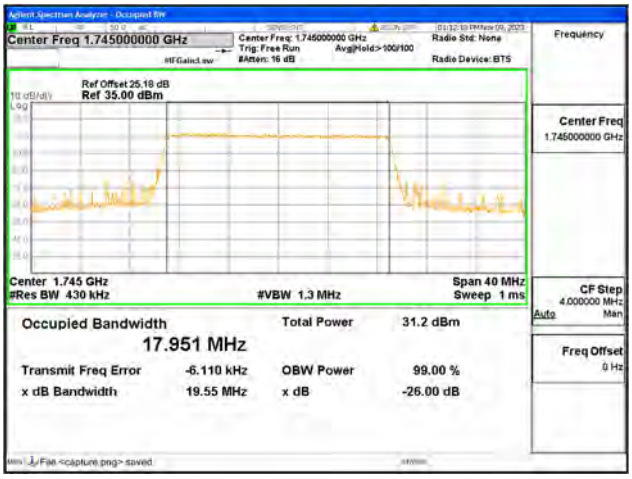
B4 / 20MHz / 16QAM/ Low CH



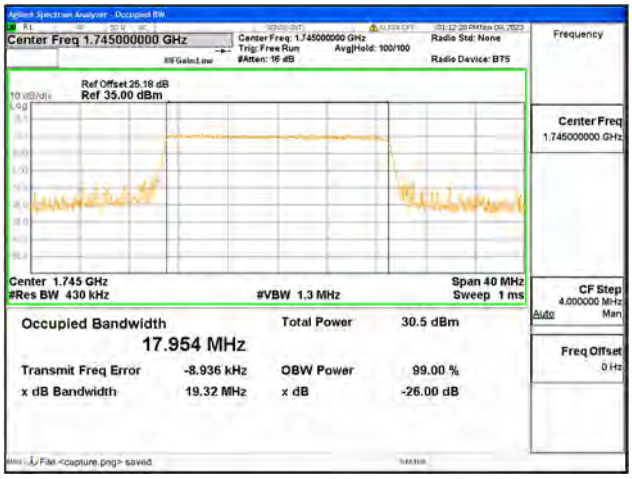
B4 / 20MHz / QPSK/ Mid CH



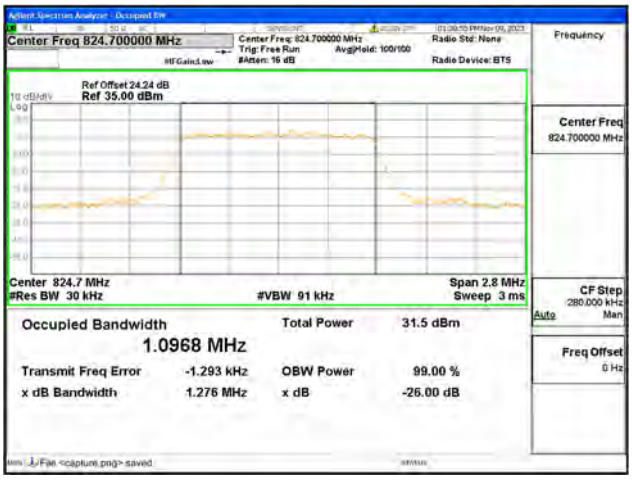
B4 / 20MHz / 16QAM/ Mid CH



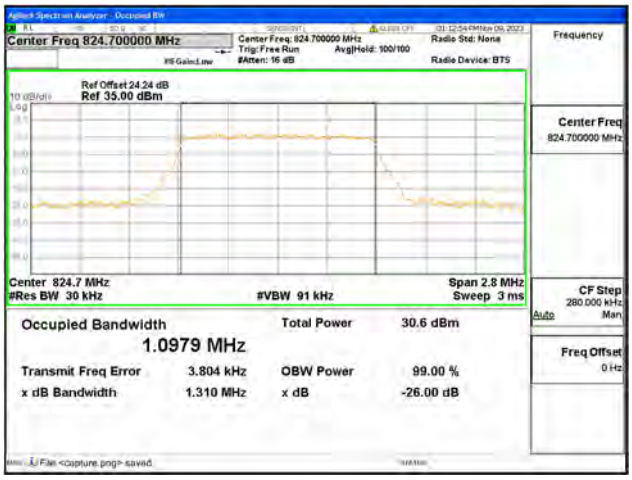
B4 / 20MHz / QPSK/ High CH



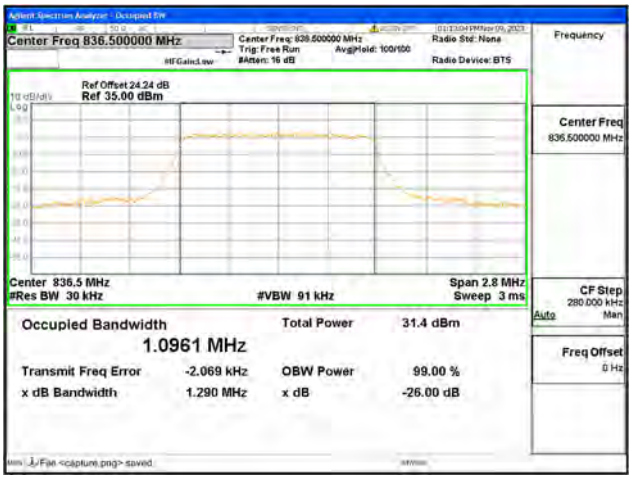
B4 / 20MHz / 16QAM/ High CH



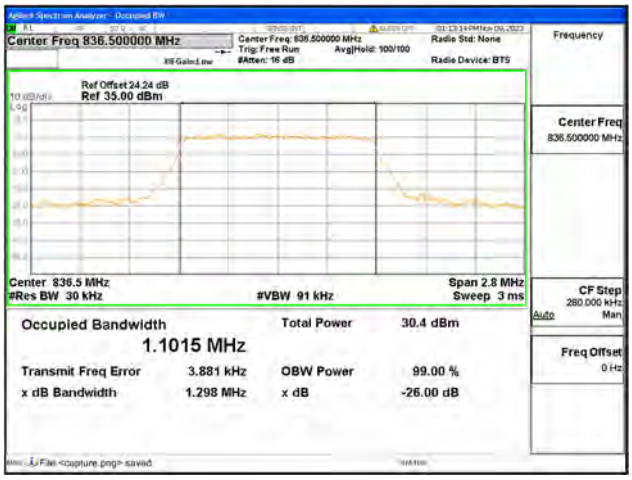
B5 / 1.4MHz / QPSK/ Low CH



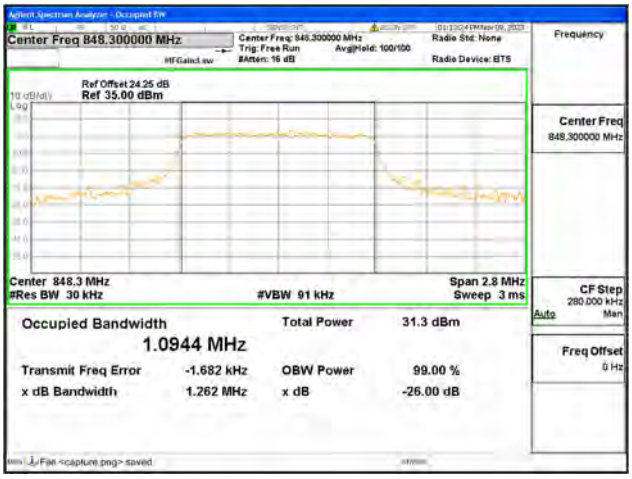
B5 / 1.4MHz / 16QAM/ Low CH



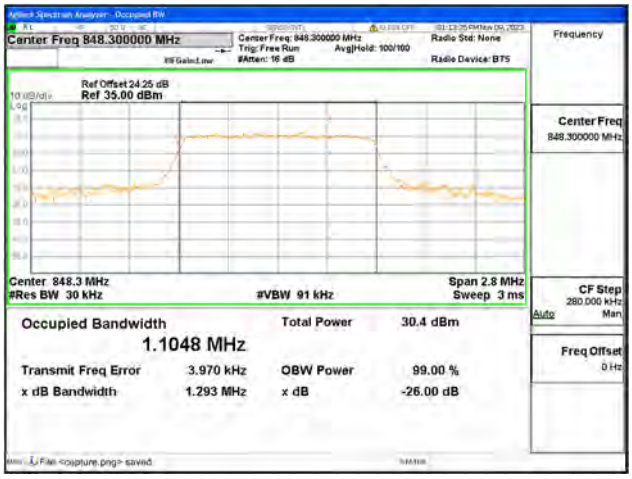
B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH

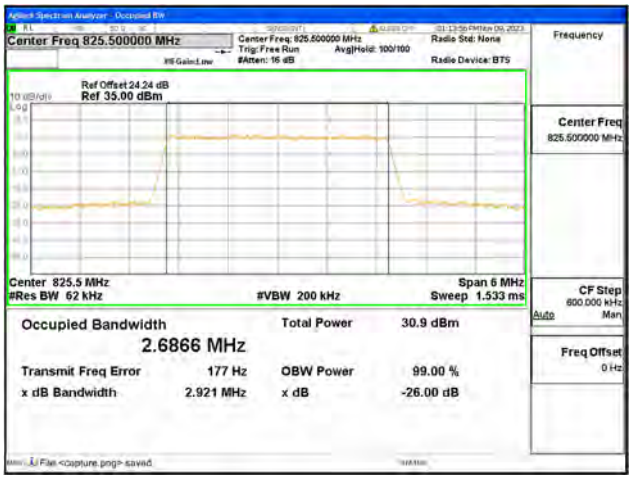


B5 / 1.4MHz / QPSK/ High CH

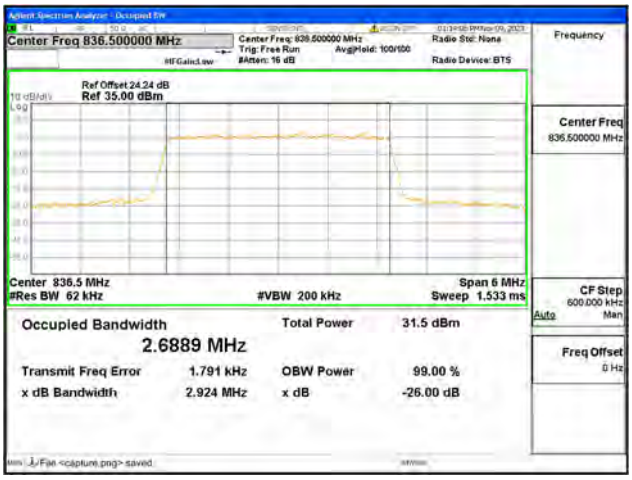


B5 / 1.4MHz / 16QAM/ High CH

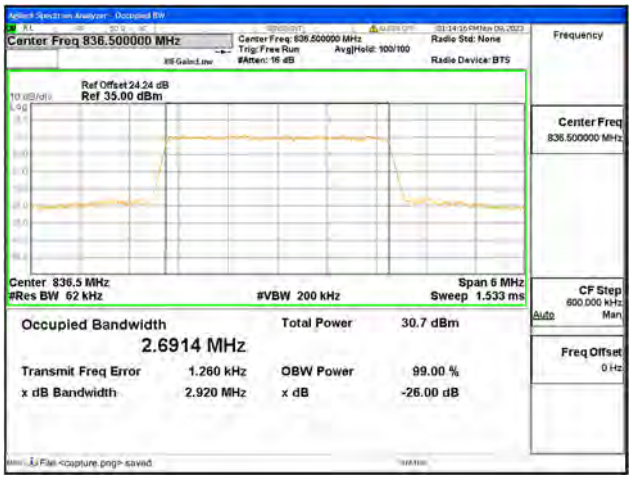
B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH

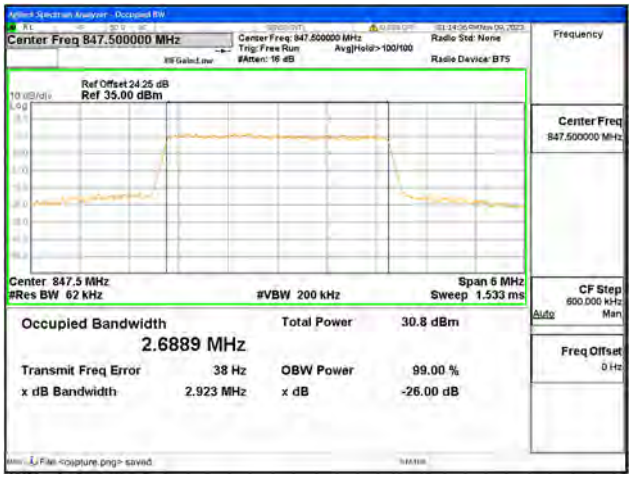


B5 / 3MHz / QPSK/ Mid CH

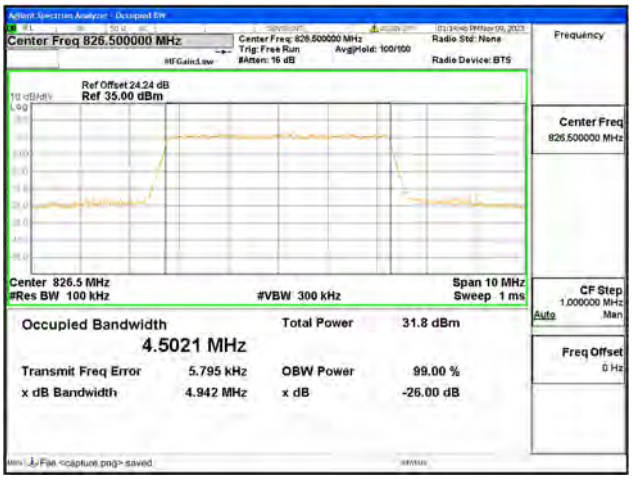


B5 / 3MHz / 16QAM/ Mid CH

B5 / 3MHz / QPSK/ High CH

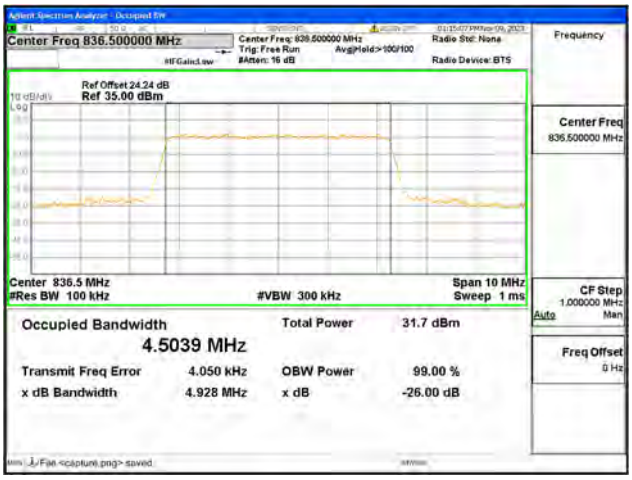


B5 / 3MHz / 16QAM/ High CH

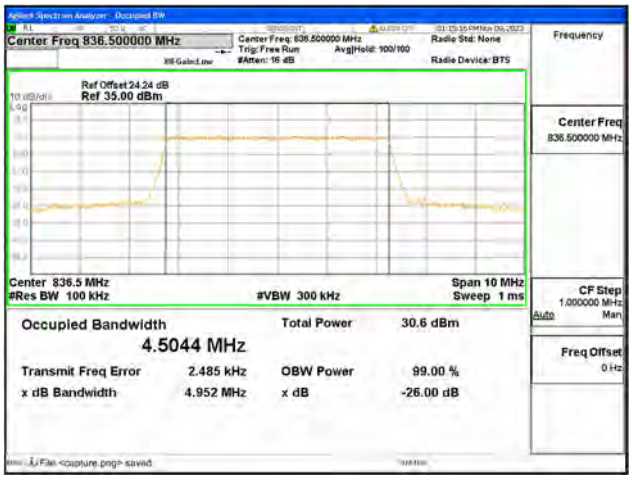


B5 / 5MHz / QPSK/ Low CH

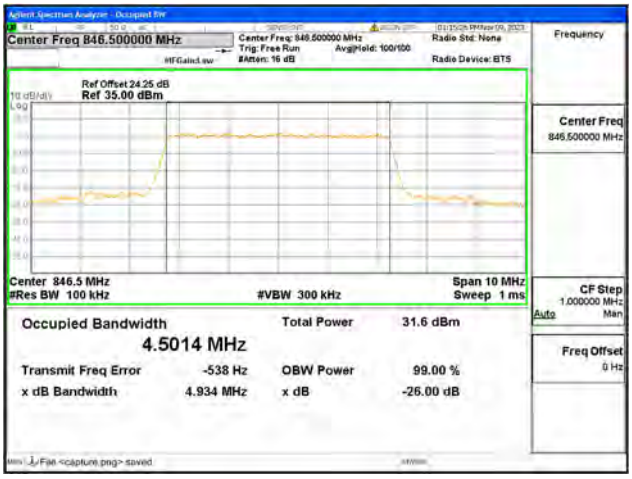
B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH

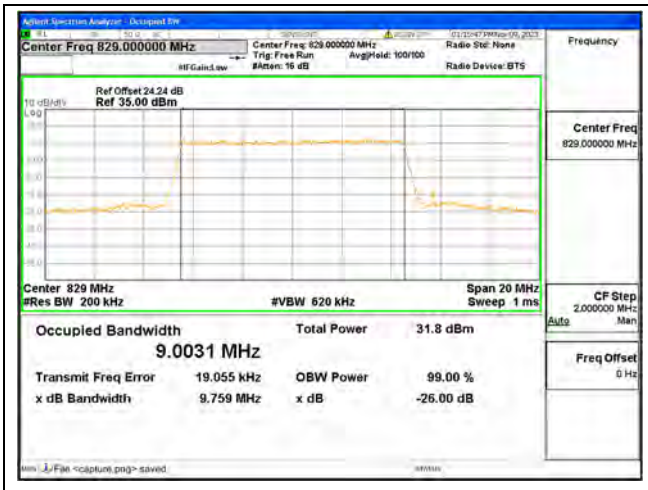


B5 / 5MHz / 16QAM/ Mid CH

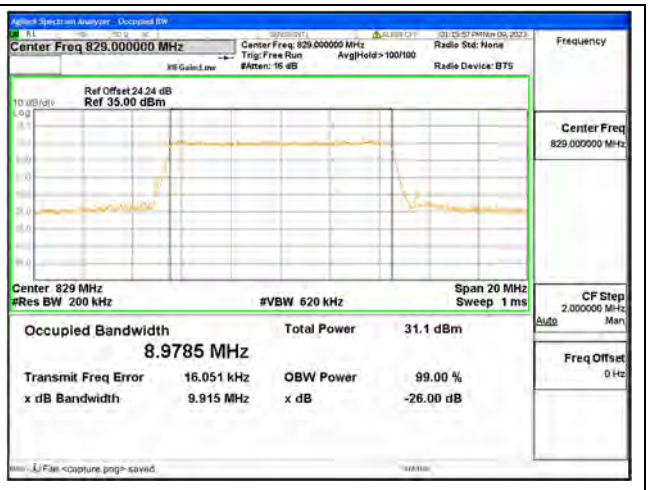


B5 / 5MHz / QPSK/ High CH

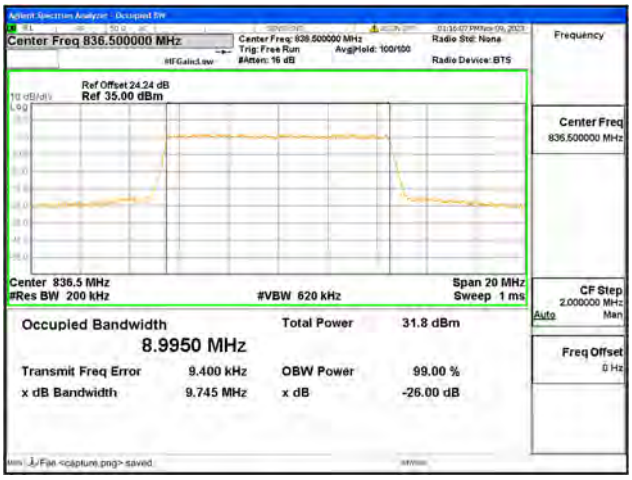
B5 / 5MHz / 16QAM/ High CH



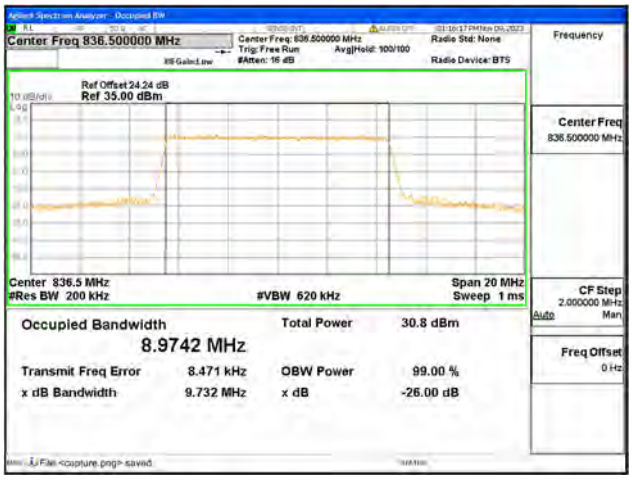
B5 / 10MHz / QPSK/ Low CH



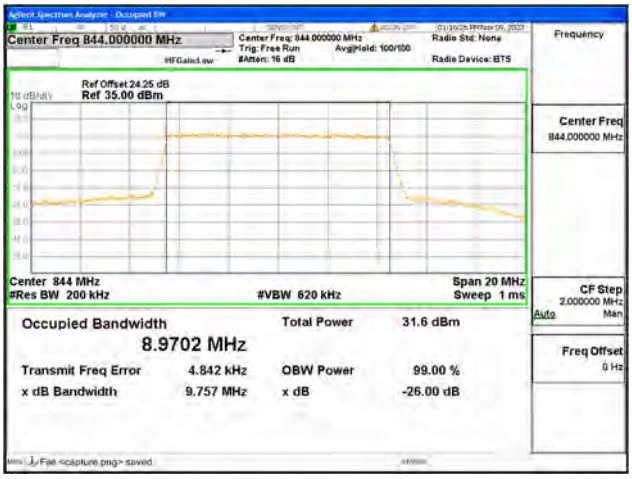
B5 / 10MHz / 16QAM/ Low CH



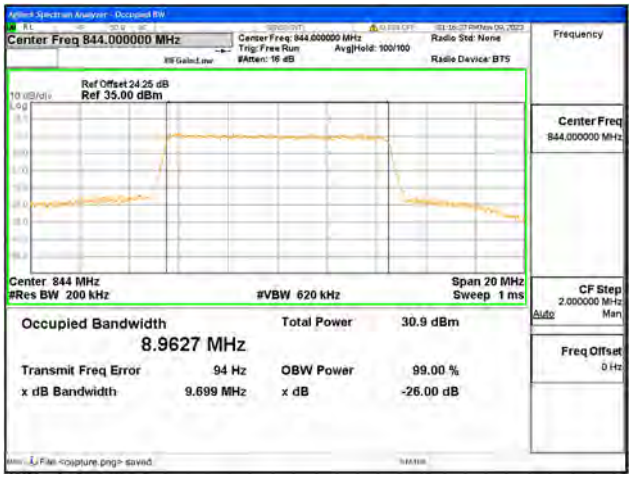
B5 / 10MHz / QPSK/ Mid CH



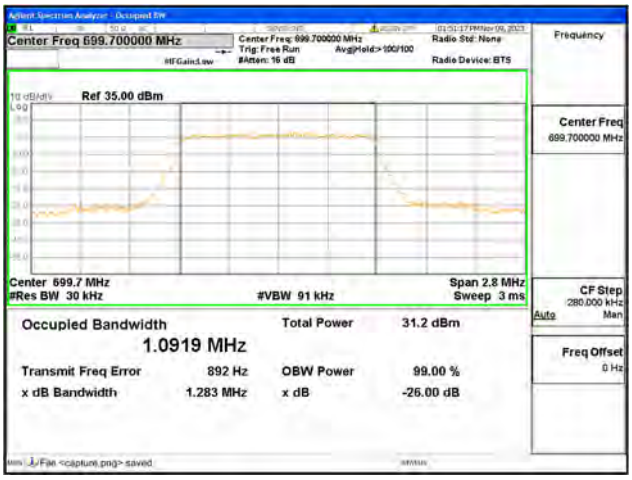
B5 / 10MHz / 16QAM/ Mid CH



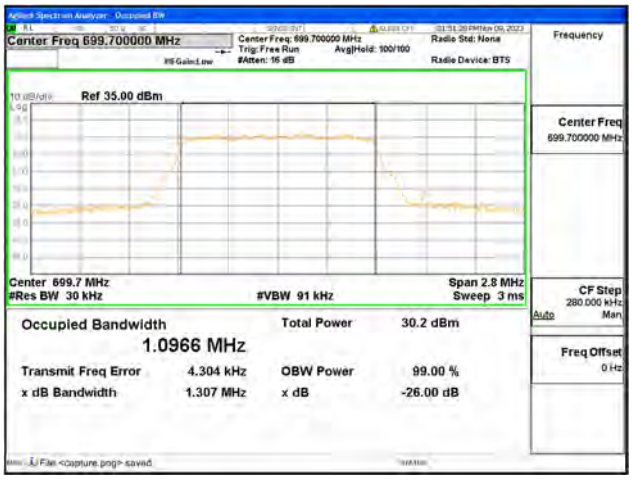
B5 / 10MHz / QPSK/ High CH



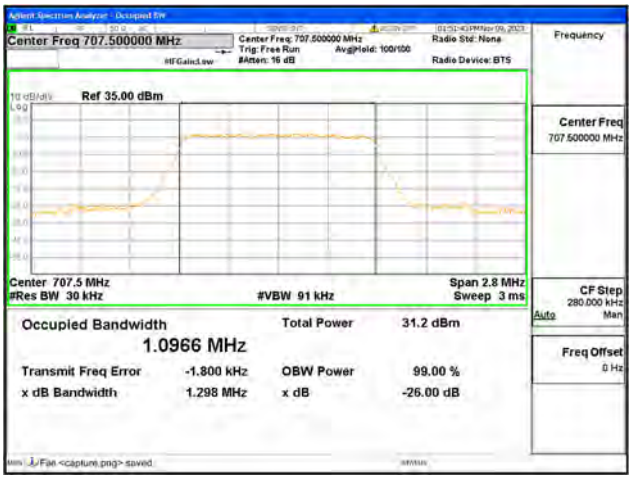
B5 / 10MHz / 16QAM/ High CH



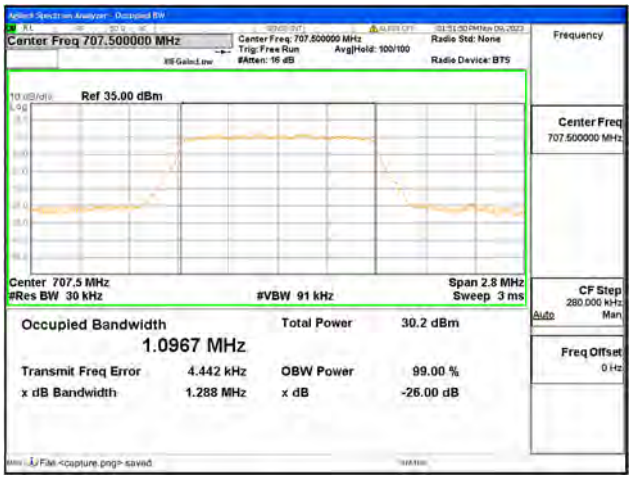
B12 / 1.4MHz / QPSK/ Low CH



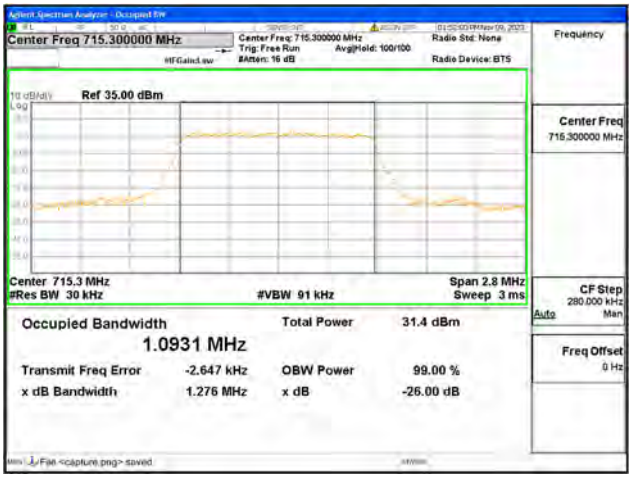
B12 / 1.4MHz / 16QAM/ Low CH



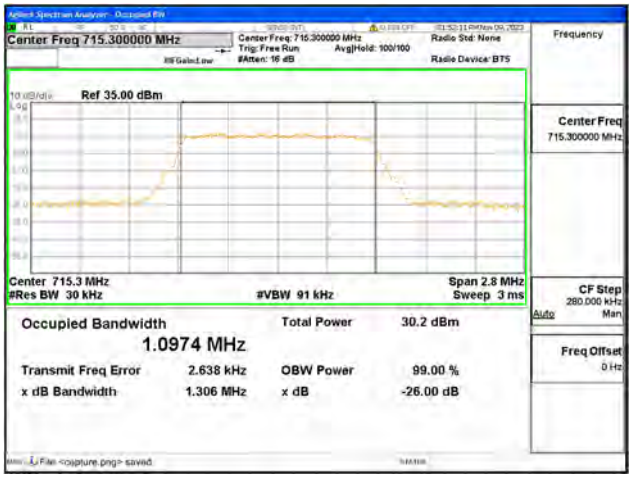
B12 / 1.4MHz / QPSK/ Mid CH



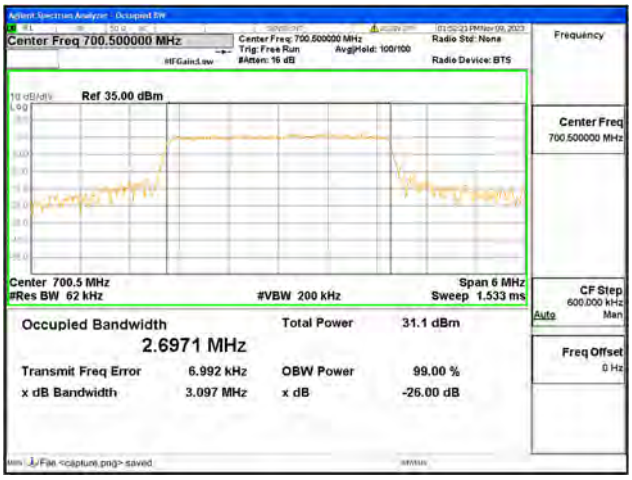
B12 / 1.4MHz / 16QAM/ Mid CH



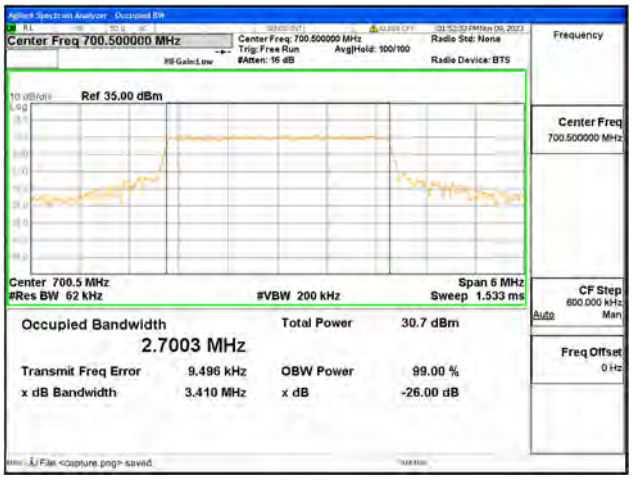
B12 / 1.4MHz / QPSK/ High CH



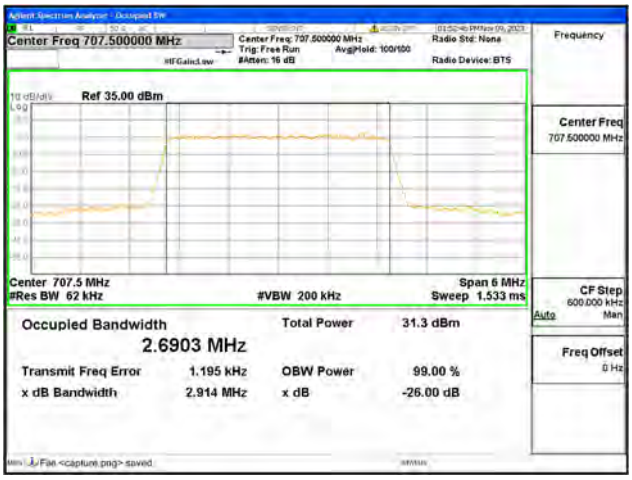
B12 / 1.4MHz / 16QAM/ High CH



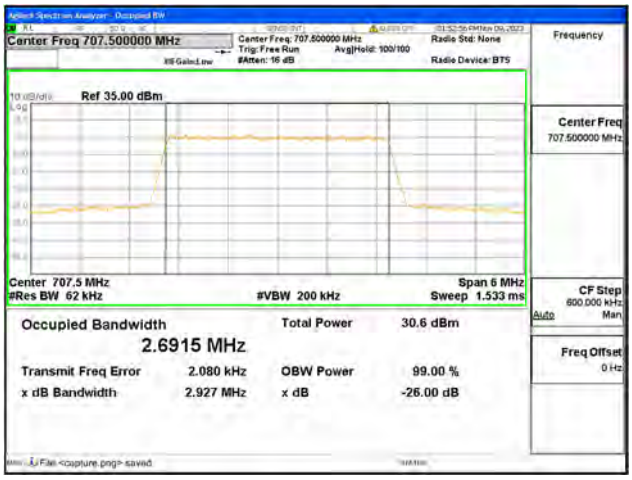
B12 / 3MHz / QPSK/ Low CH



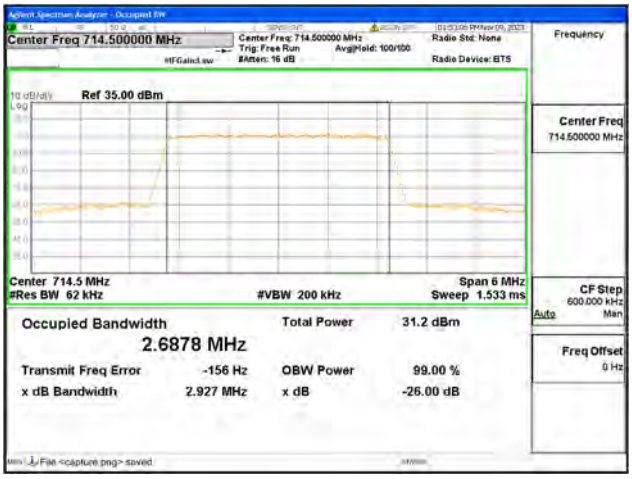
B12 / 3MHz / 16QAM/ Low CH



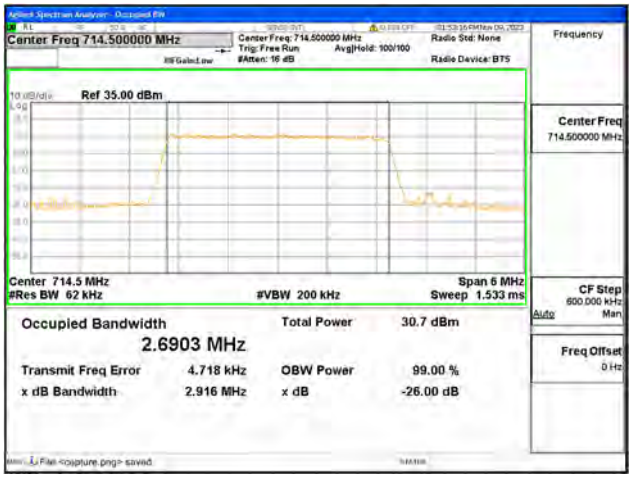
B12 / 3MHz / QPSK/ Mid CH



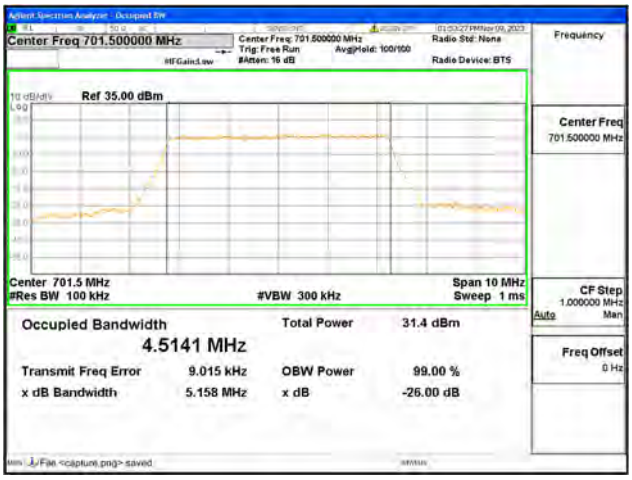
B12 / 3MHz / 16QAM/ Mid CH



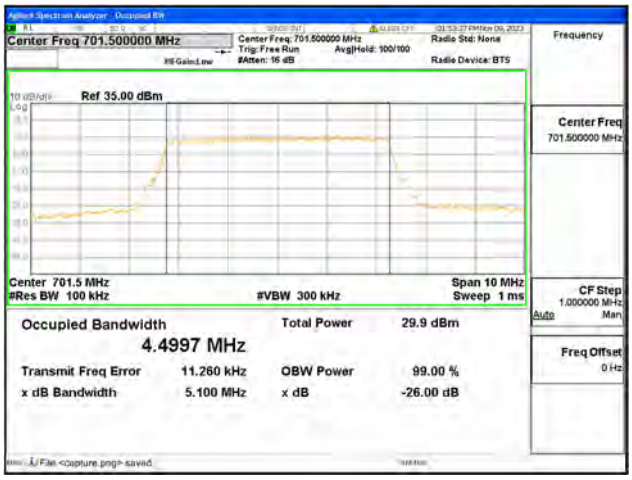
B12 / 3MHz / QPSK/ High CH



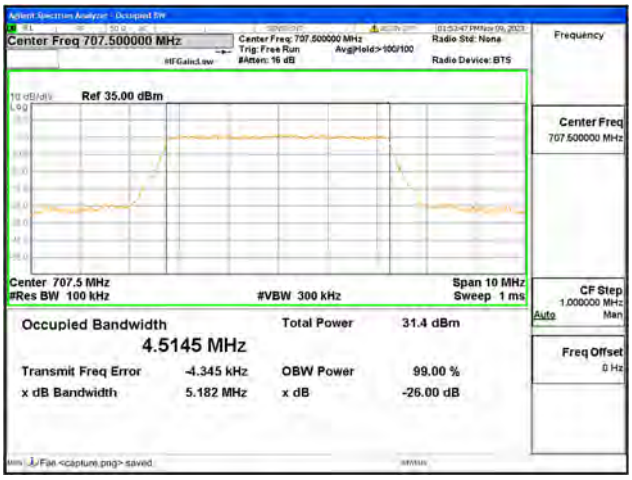
B12 / 3MHz / 16QAM/ High CH



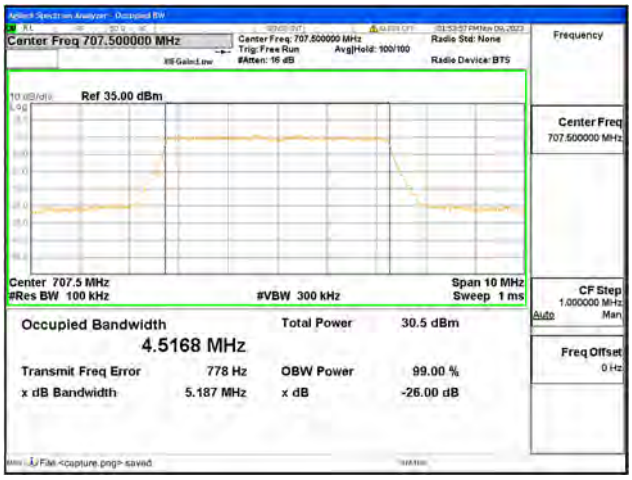
B12 / 5MHz / QPSK/ Low CH



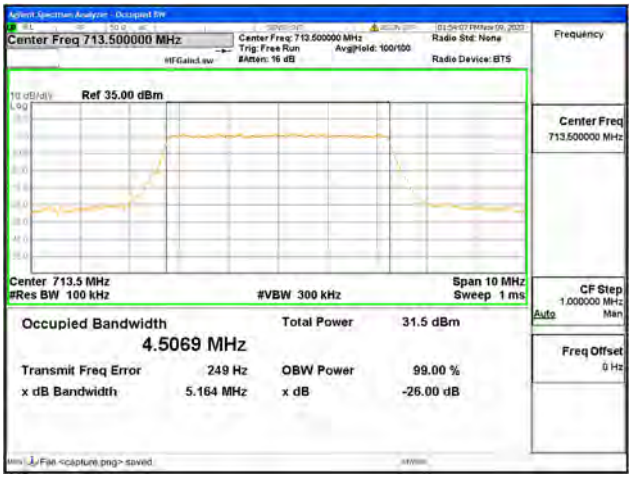
B12 / 5MHz / 16QAM/ Low CH



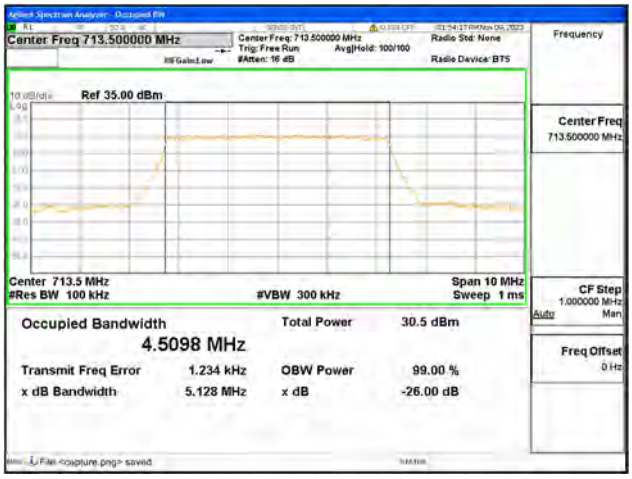
B12 / 5MHz / QPSK/ Mid CH



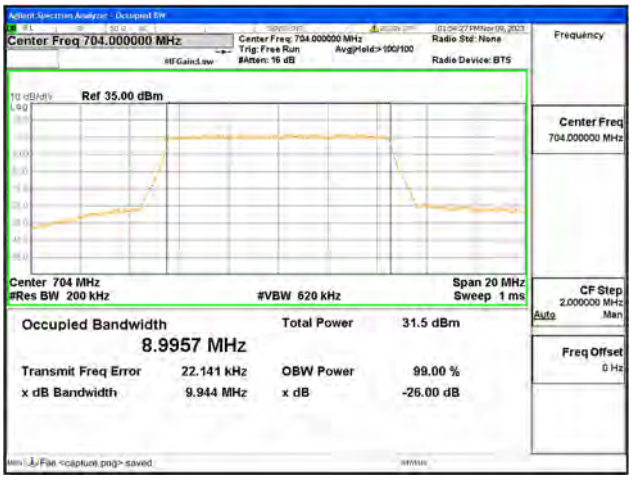
B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH

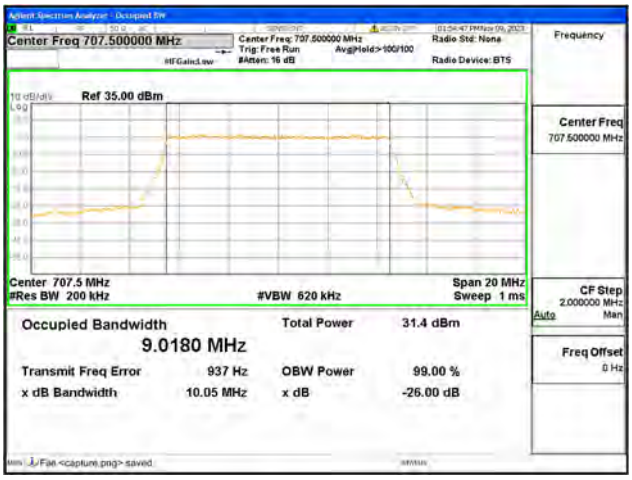


B12 / 5MHz / 16QAM/ High CH

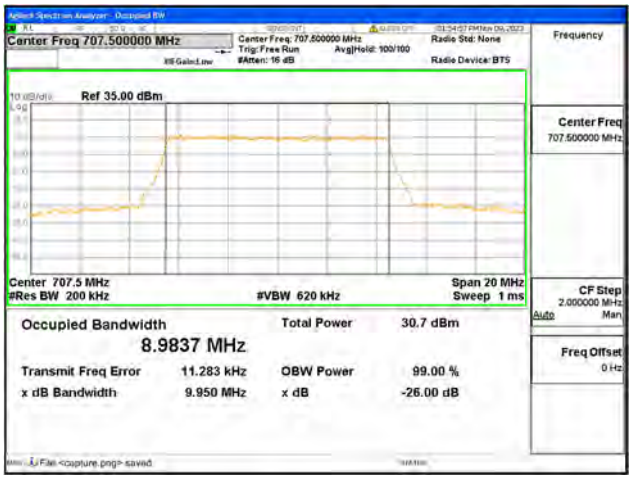


B12 / 10MHz / QPSK/ Low CH

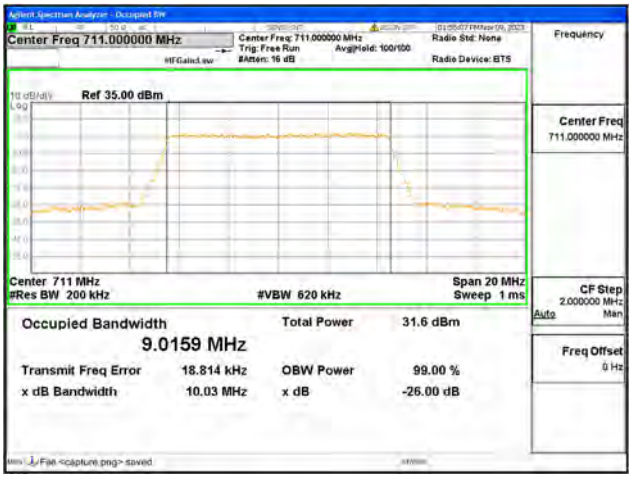
B12 / 10MHz / 16QAM/ Low CH



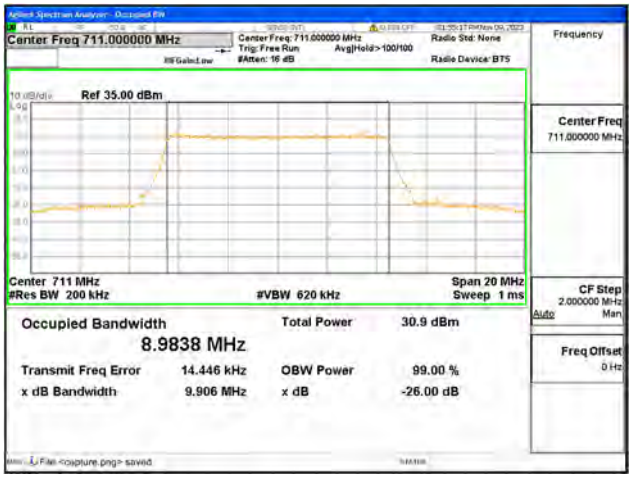
B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



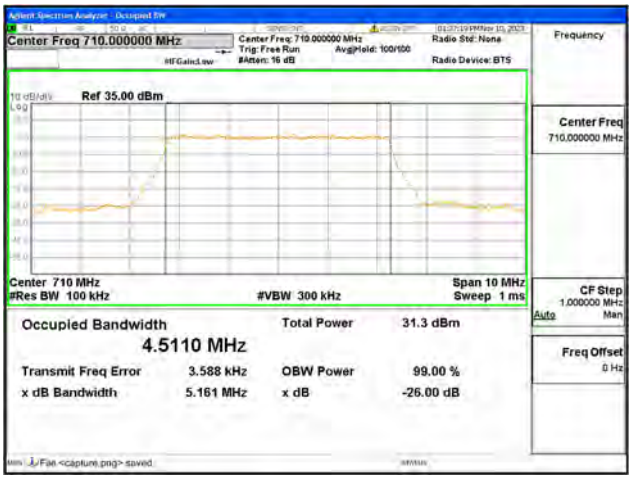
B12 / 10MHz / QPSK/ High CH



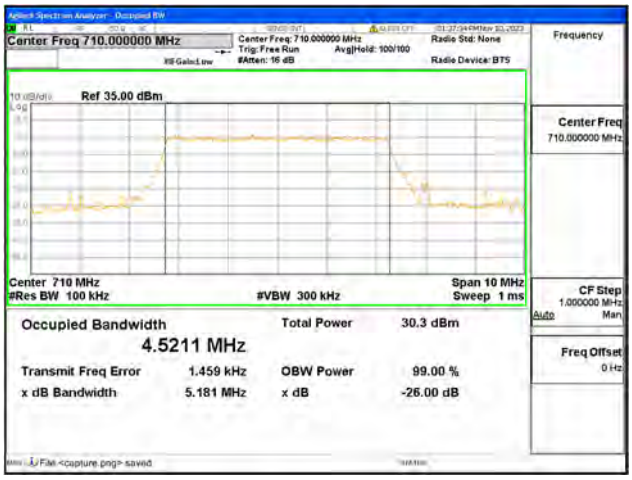
B12 / 10MHz / 16QAM/ High CH

B17 / 5MHz / QPSK/ Low CH

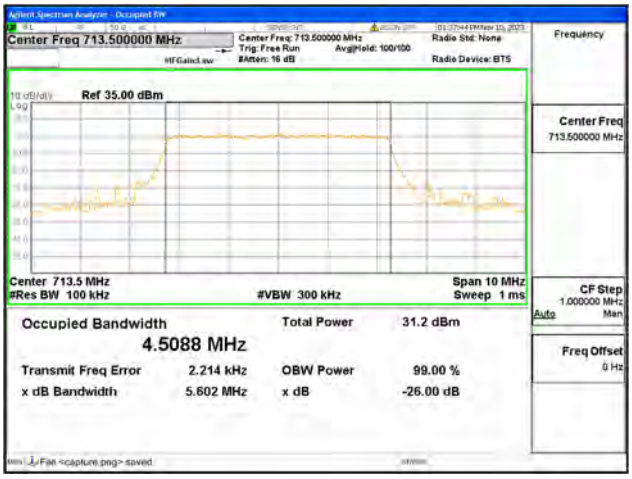
B17 / 5MHz / 16QAM/ Low CH



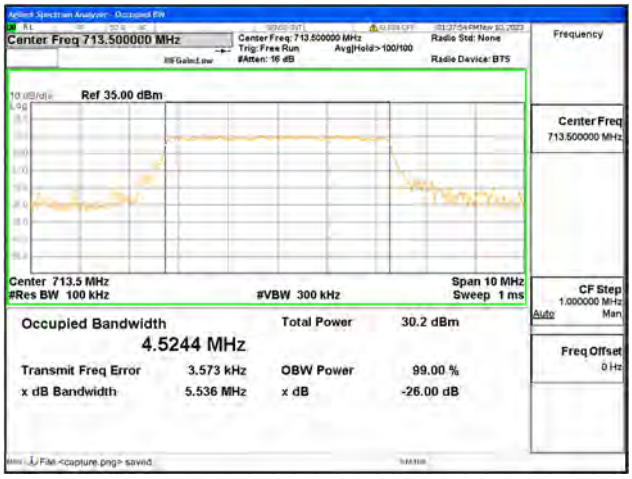
B17 / 5MHz / QPSK/ Mid CH



B17 / 5MHz / 16QAM/ Mid CH

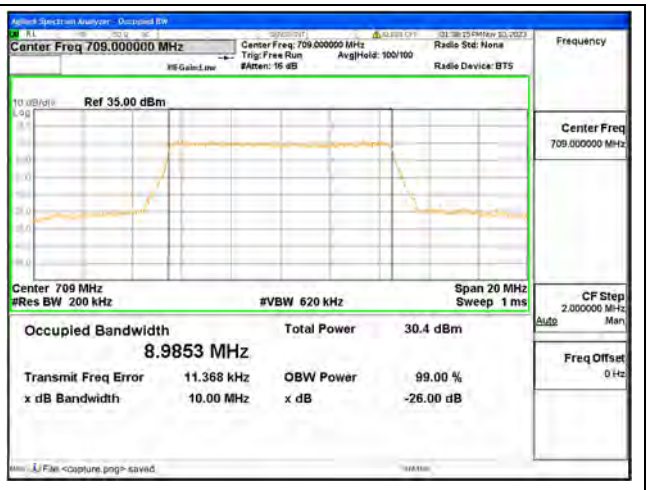


B17 / 5MHz / QPSK/ High CH

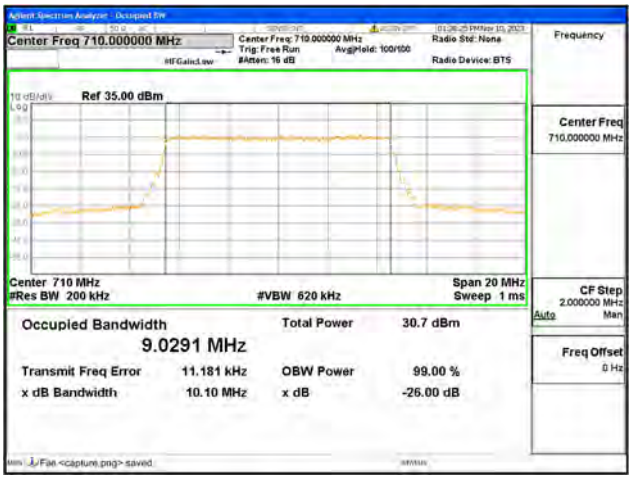


B17 / 5MHz / 16QAM/ High CH

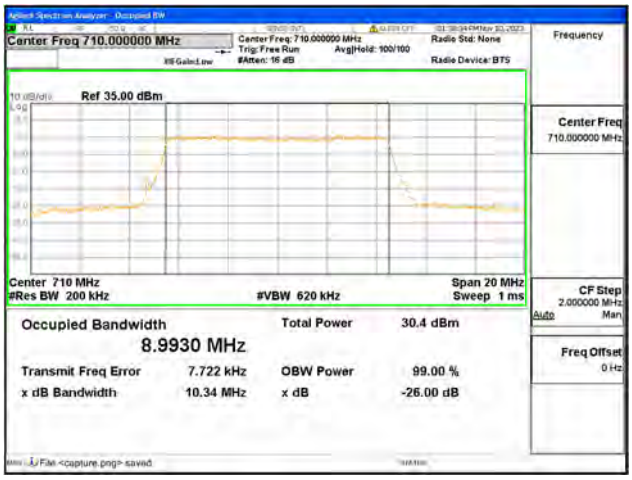
B17 / 10MHz / QPSK/ Low CH



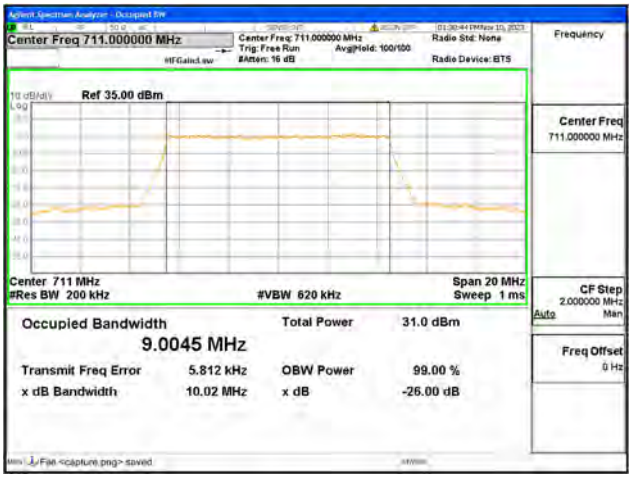
B17 / 10MHz / 16QAM/ Low CH



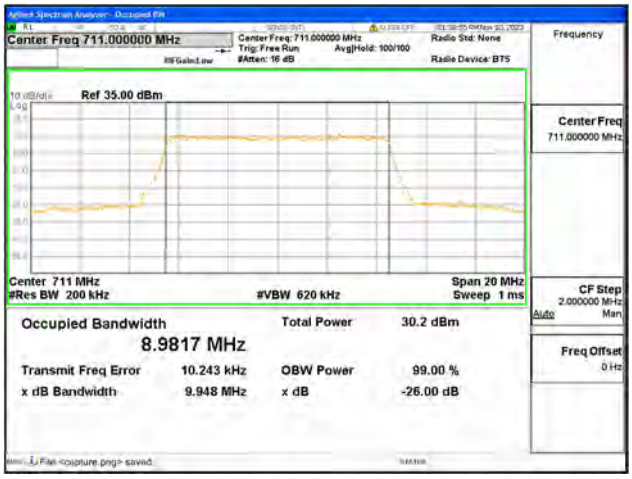
B17 / 10MHz / QPSK/ Mid CH



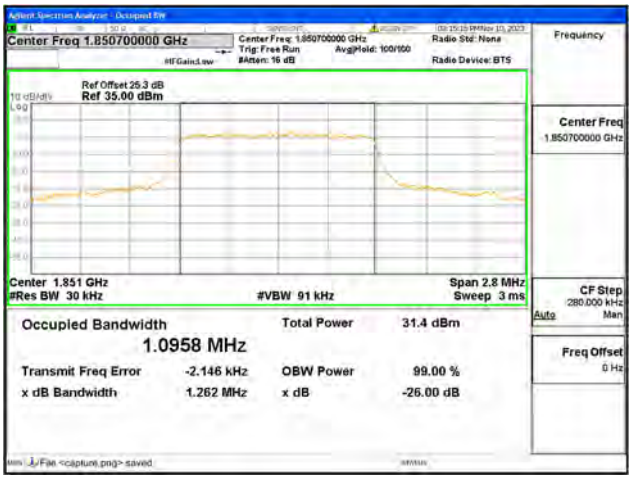
B17 / 10MHz / 16QAM/ Mid CH



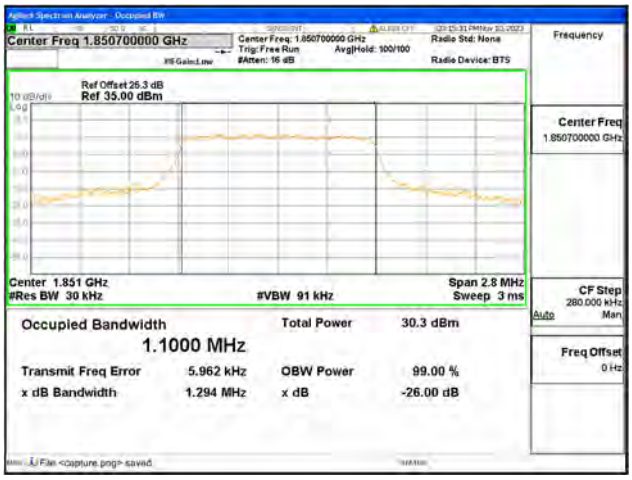
B17 / 10MHz / QPSK/ High CH



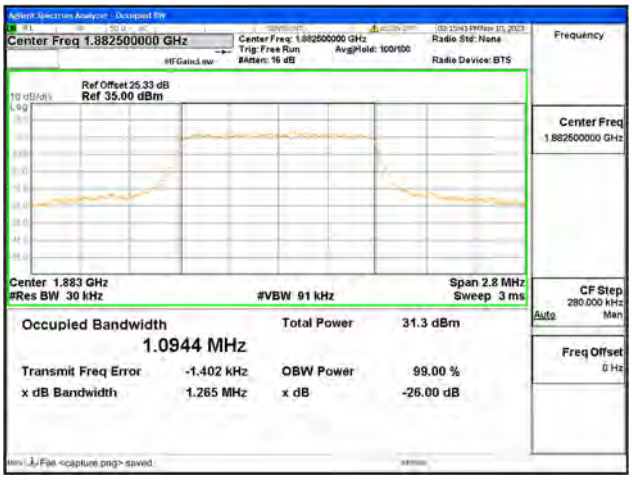
B17 / 10MHz / 16QAM/ High CH



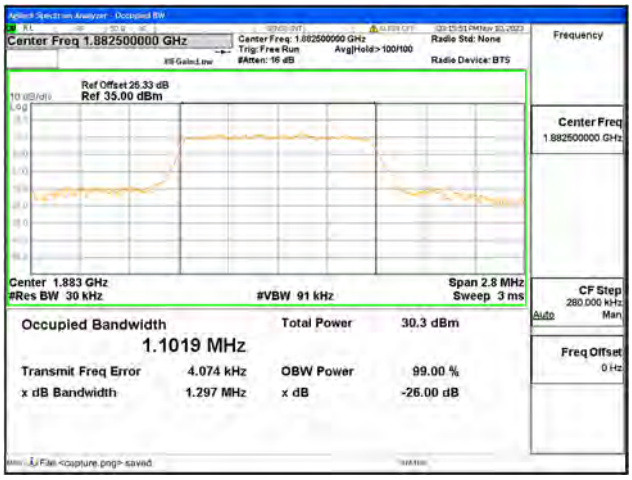
B25 / 1.4MHz / QPSK/ Low CH



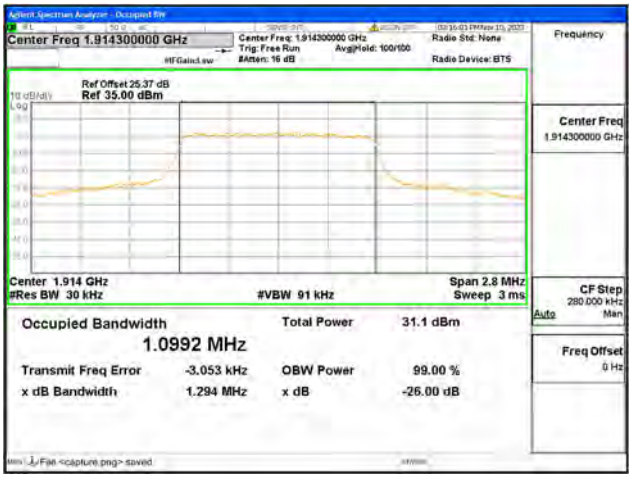
B25 / 1.4MHz / 16QAM/ Low CH



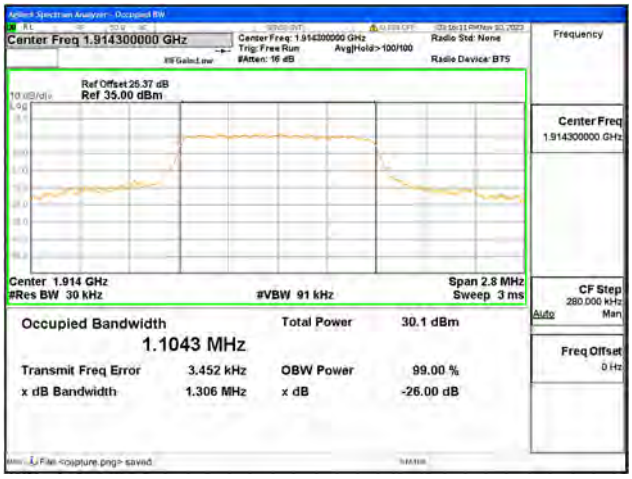
B25 / 1.4MHz / QPSK/ Mid CH



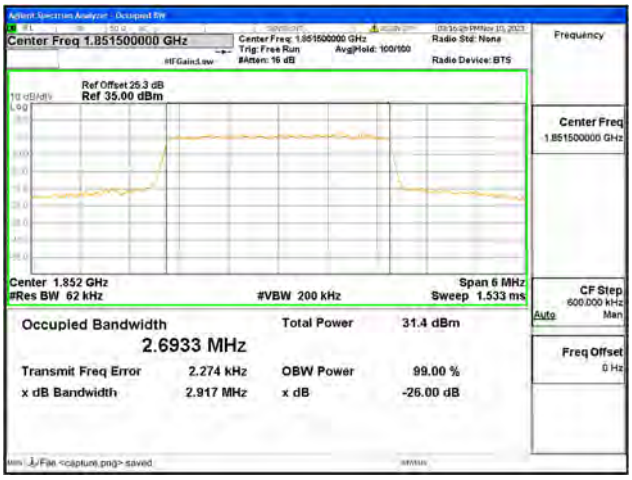
B25 / 1.4MHz / 16QAM/ Mid CH



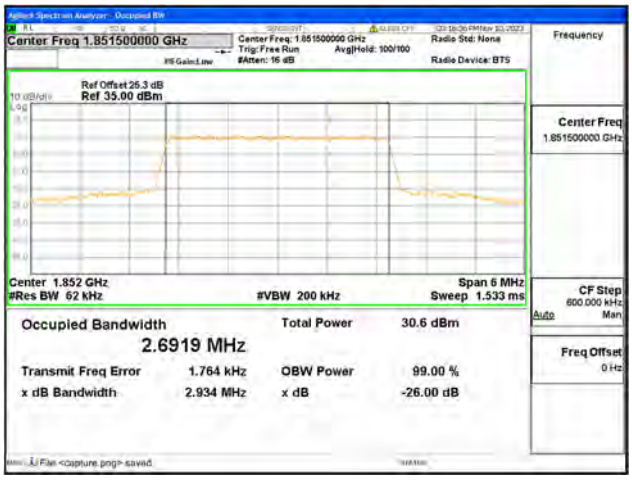
B25 / 1.4MHz / QPSK/ High CH



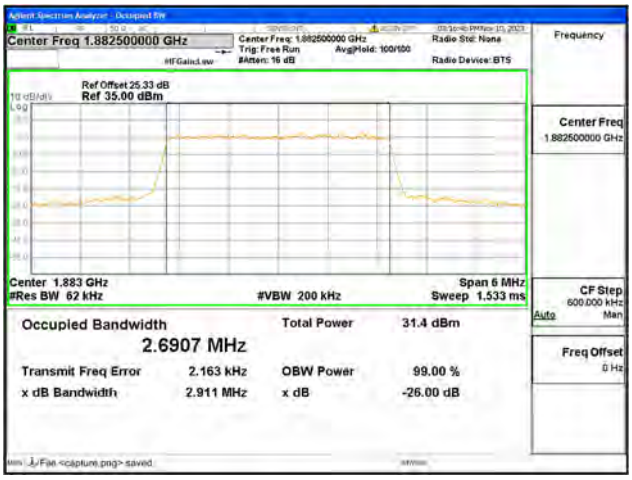
B25 / 1.4MHz / 16QAM/ High CH



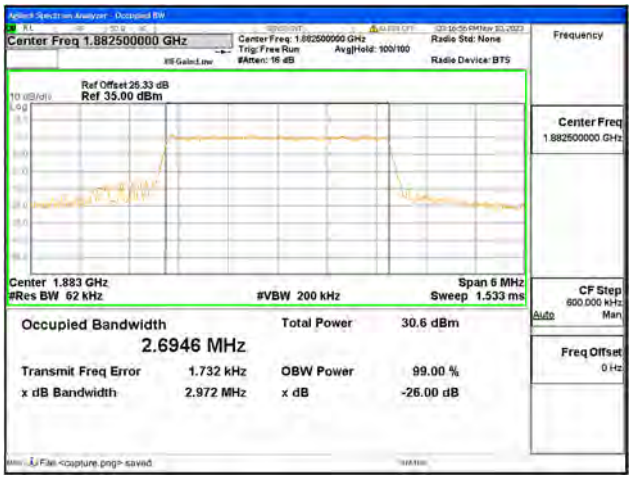
B25 / 3MHz / QPSK/ Low CH



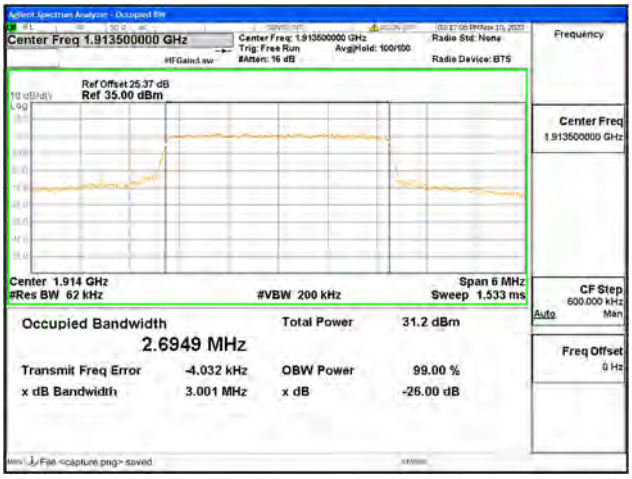
B25 / 3MHz / 16QAM/ Low CH



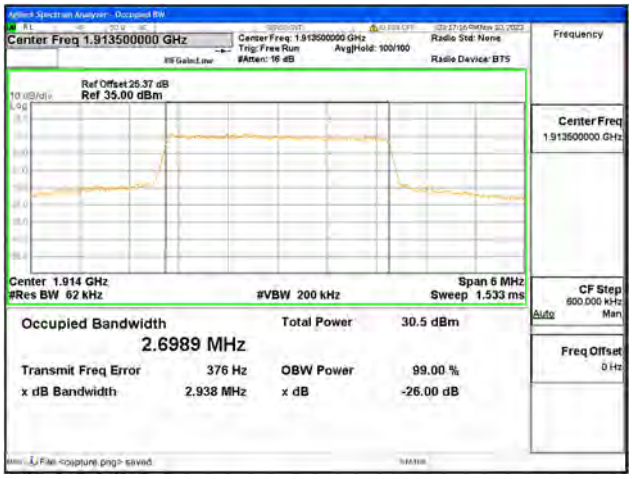
B25 / 3MHz / QPSK/ Mid CH



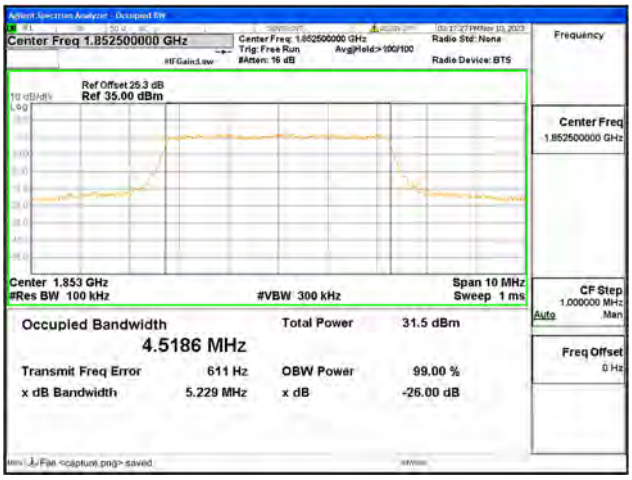
B25 / 3MHz / 16QAM/ Mid CH



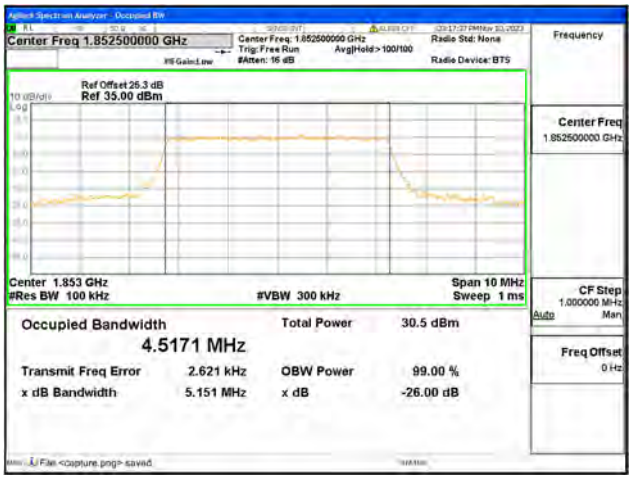
B25 / 3MHz / QPSK/ High CH



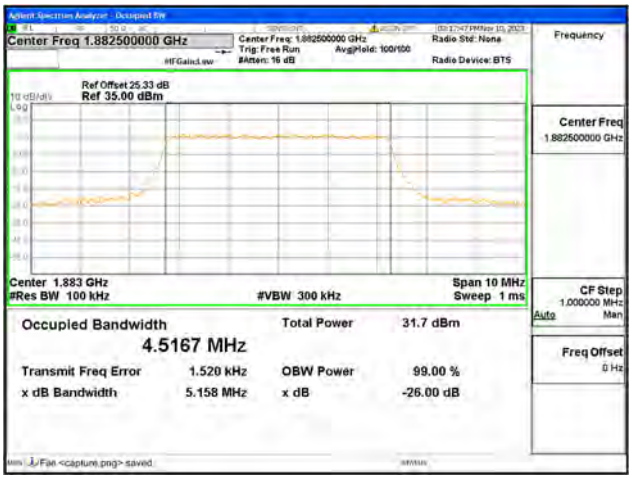
B25 / 3MHz / 16QAM/ High CH



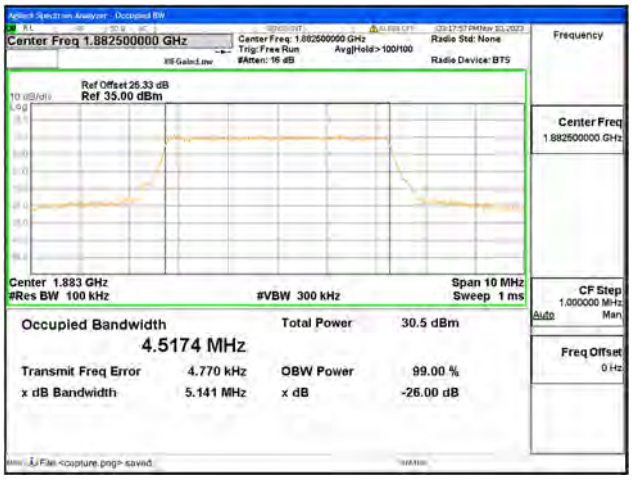
B25 / 5MHz / QPSK/ Low CH



B25 / 5MHz / 16QAM/ Low CH

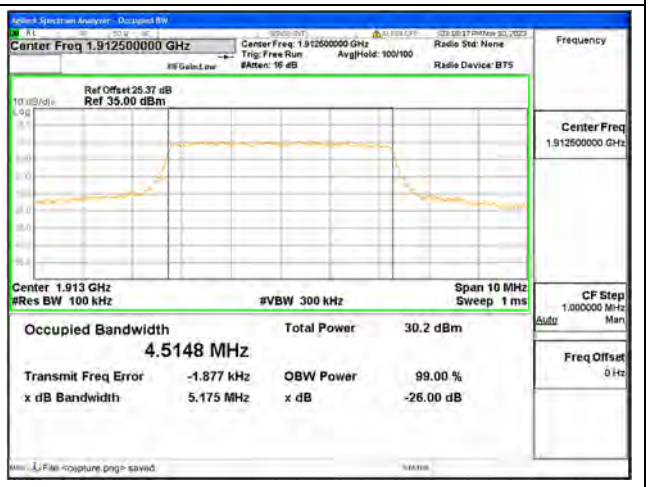


B25 / 5MHz / QPSK/ Mid CH

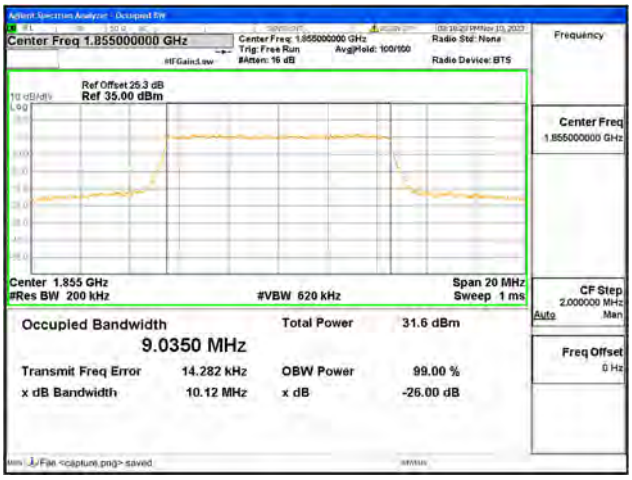


B25 / 5MHz / 16QAM/ Mid CH

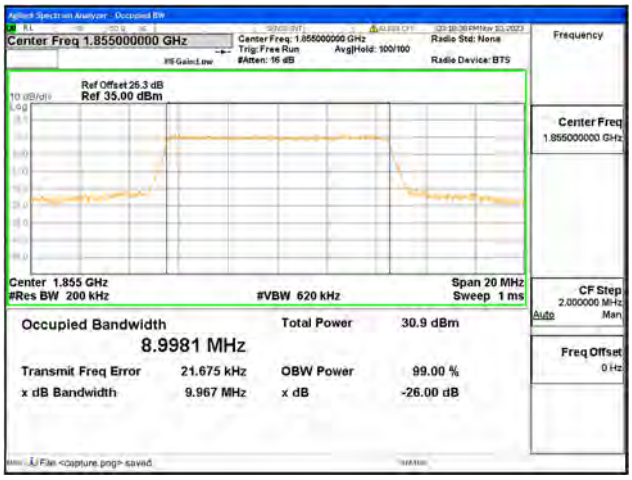
B25 / 5MHz / QPSK/ High CH



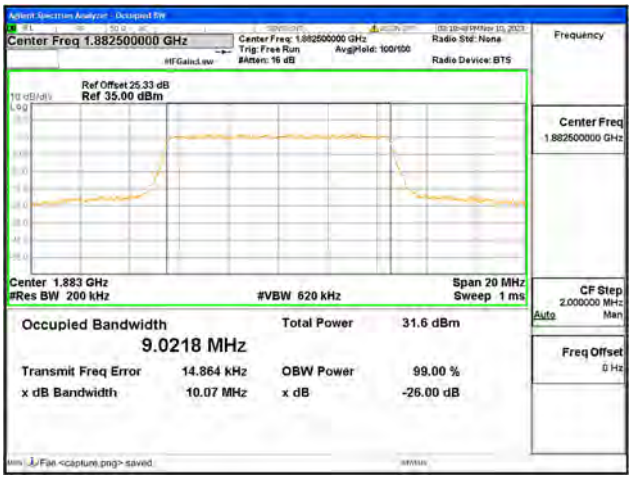
B25 / 5MHz / 16QAM/ High CH



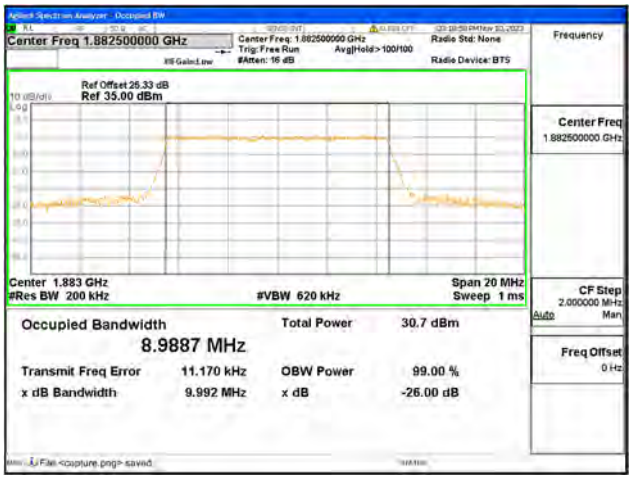
B25 / 10MHz / QPSK/ Low CH



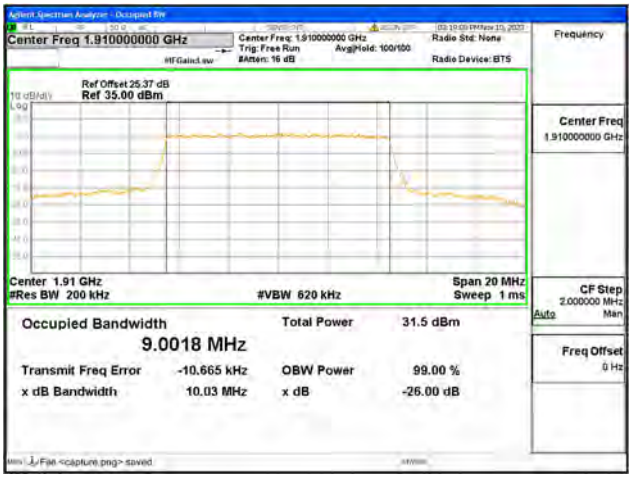
B25 / 10MHz / 16QAM/ Low CH



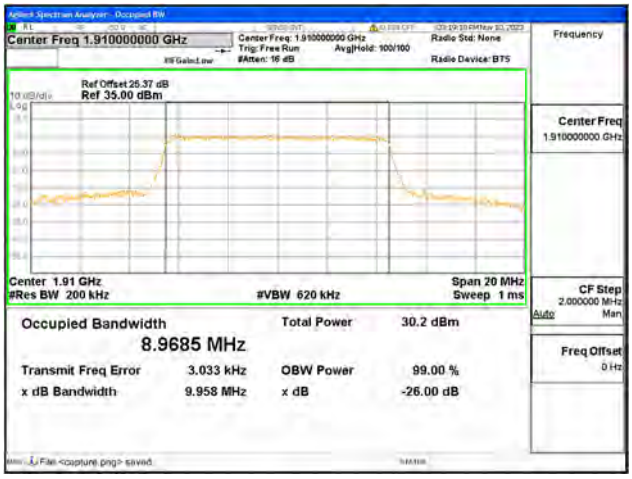
B25 / 10MHz / QPSK/ Mid CH



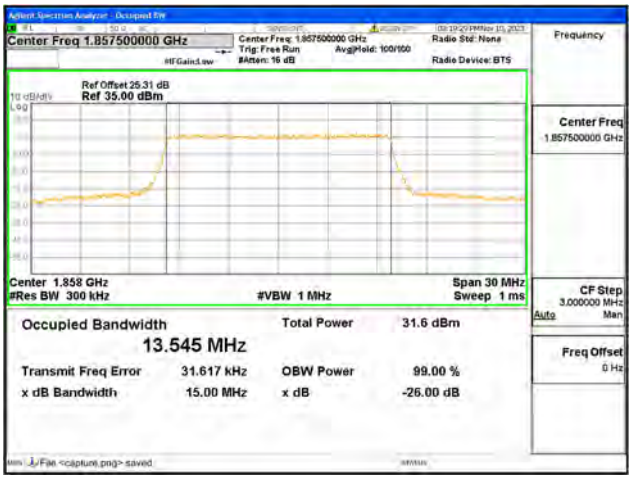
B25 / 10MHz / 16QAM/ Mid CH



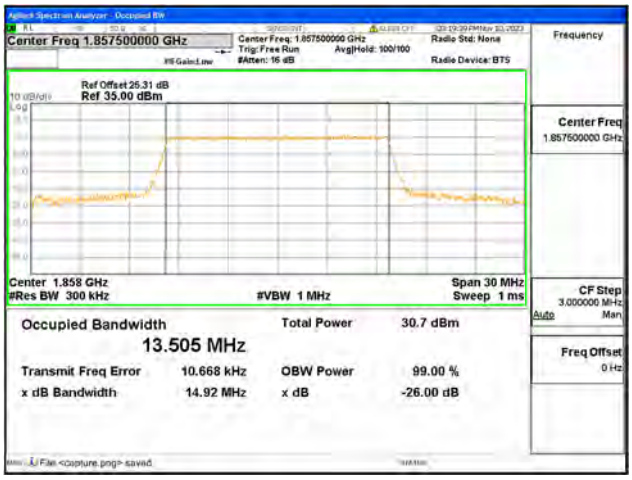
B25 / 10MHz / QPSK/ High CH



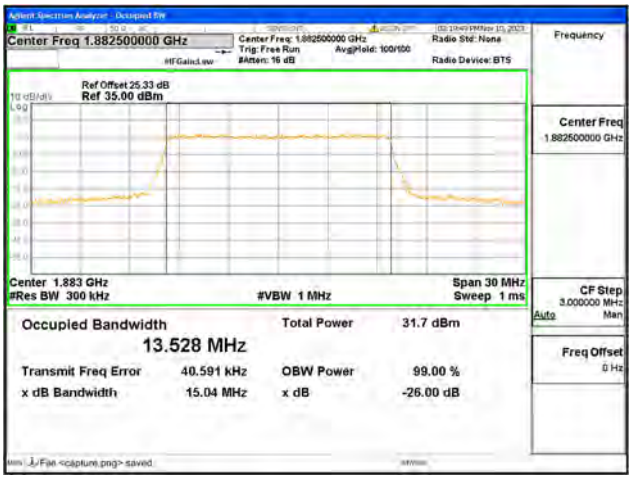
B25 / 10MHz / 16QAM/ High CH



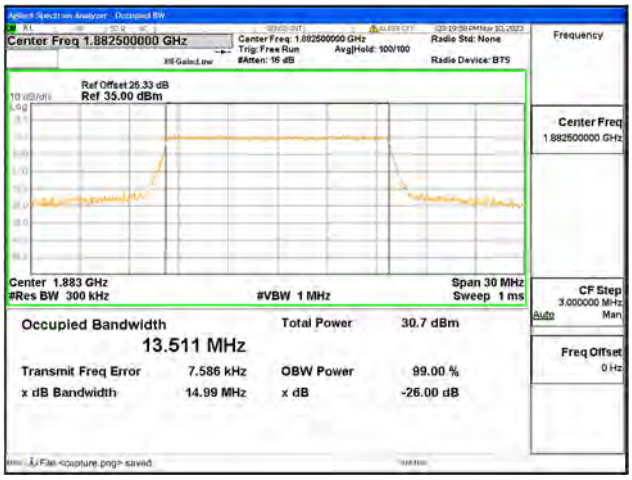
B25 / 15MHz / QPSK/ Low CH



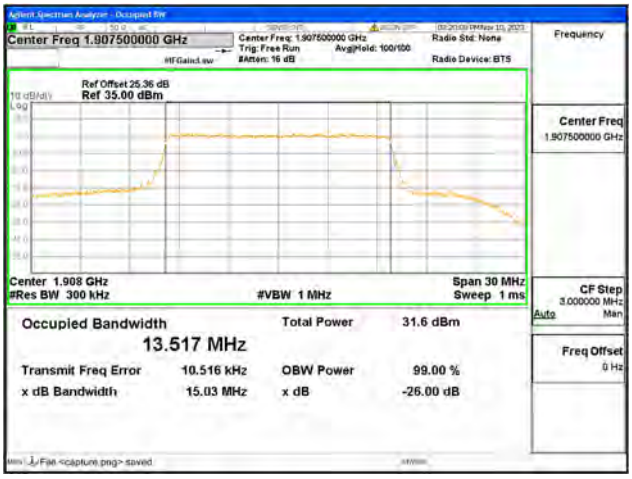
B25 / 15MHz / 16QAM/ Low CH



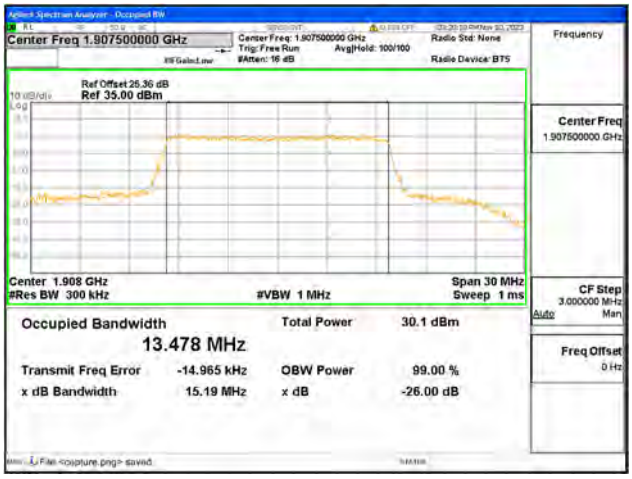
B25 / 15MHz / QPSK/ Mid CH



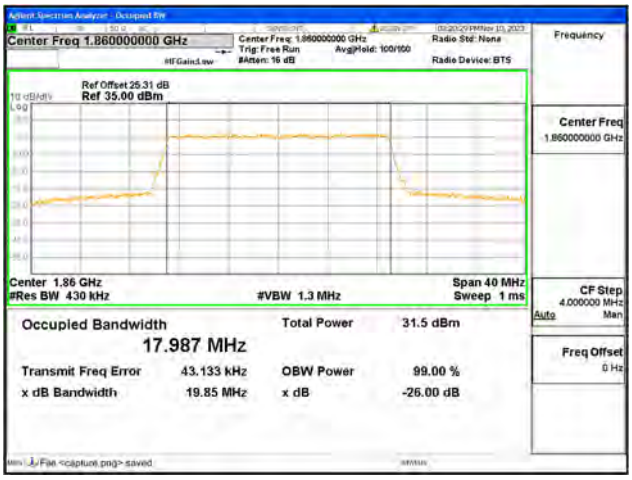
B25 / 15MHz / 16QAM/ Mid CH



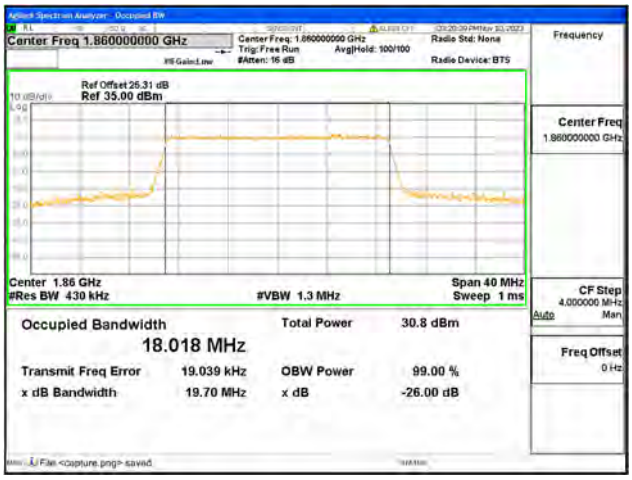
B25 / 15MHz / QPSK/ High CH



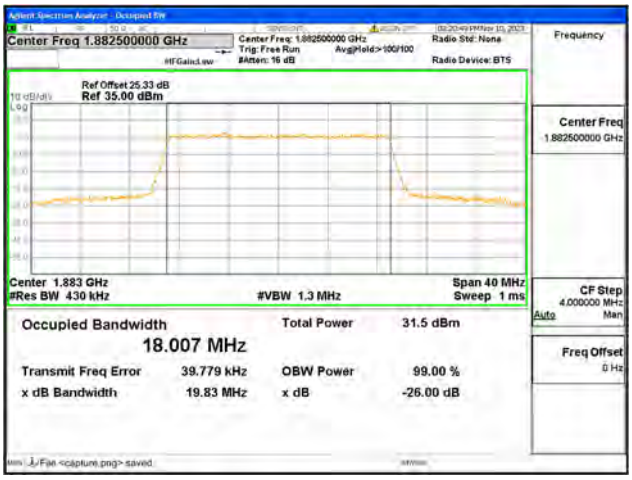
B25 / 15MHz / 16QAM/ High CH



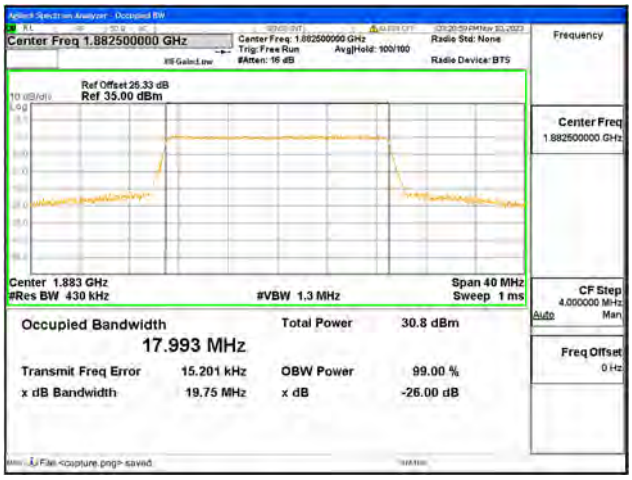
B25 / 20MHz / QPSK/ Low CH



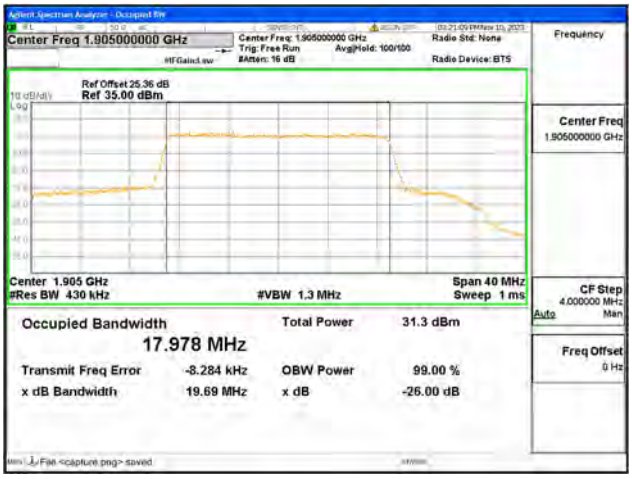
B25 / 20MHz / 16QAM/ Low CH



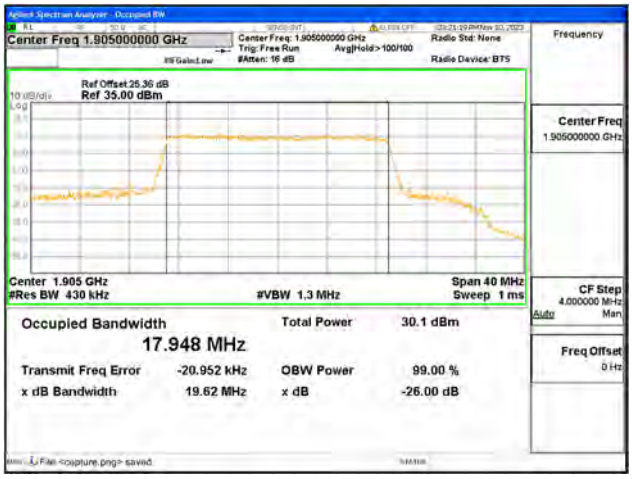
B25 / 20MHz / QPSK/ Mid CH



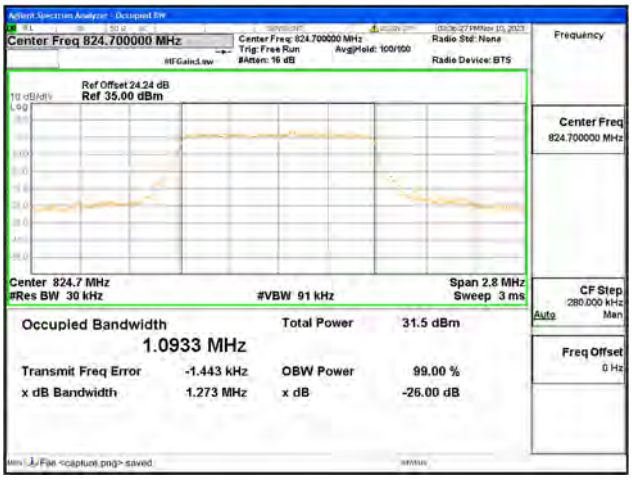
B25 / 20MHz / 16QAM/ Mid CH



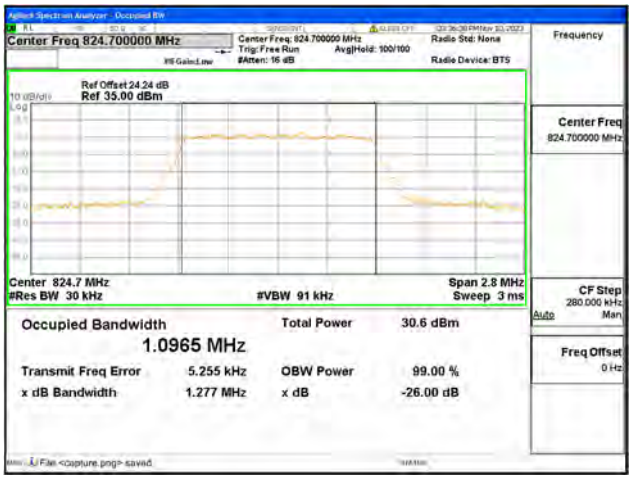
B25 / 20MHz / QPSK/ High CH



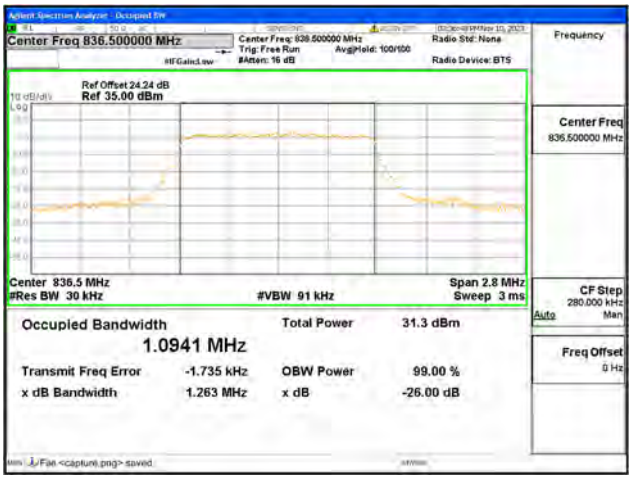
B25 / 20MHz / 16QAM/ High CH



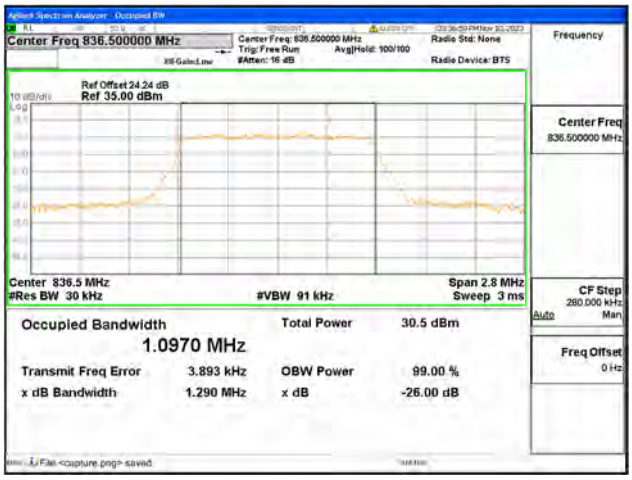
B26 Part22 / 1.4MHz / QPSK/ Low CH



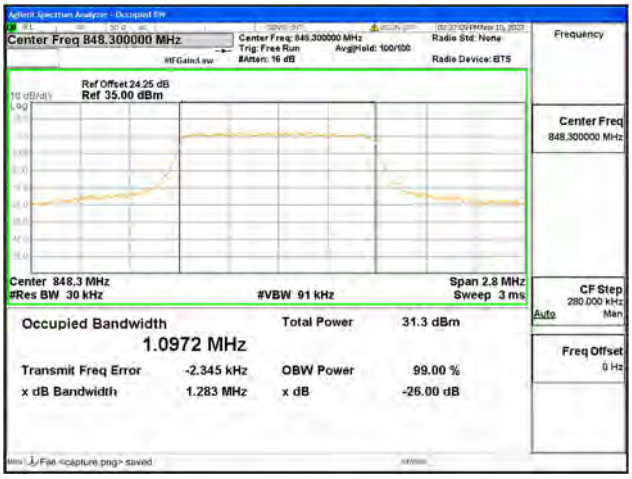
B26 Part22 / 1.4MHz / 16QAM/ Low CH



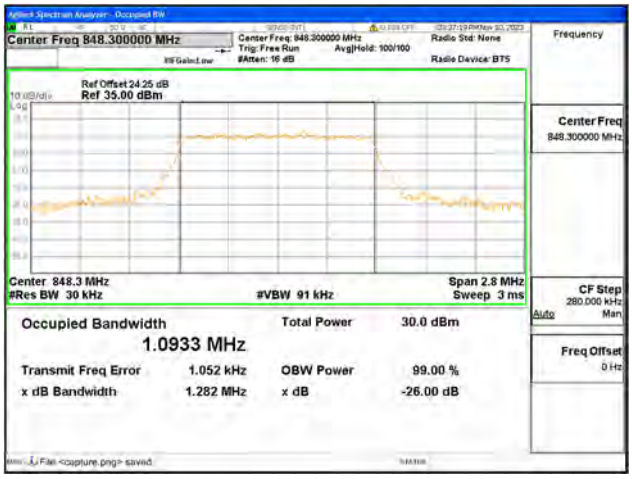
B26 Part22 / 1.4MHz / QPSK/ Mid CH



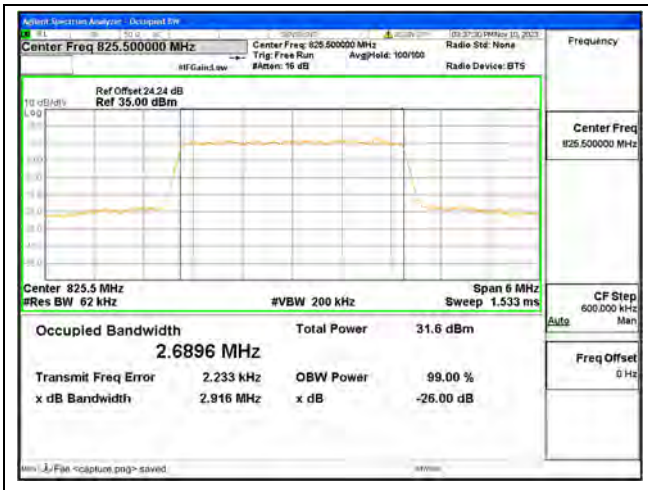
B26 Part22 / 1.4MHz / 16QAM/ Mid CH



B26 Part22 / 1.4MHz / QPSK/ High CH

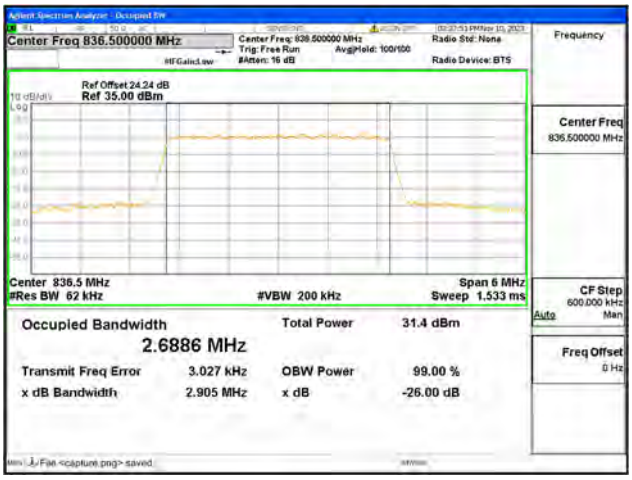


B26 Part22 / 1.4MHz / 16QAM/ High CH

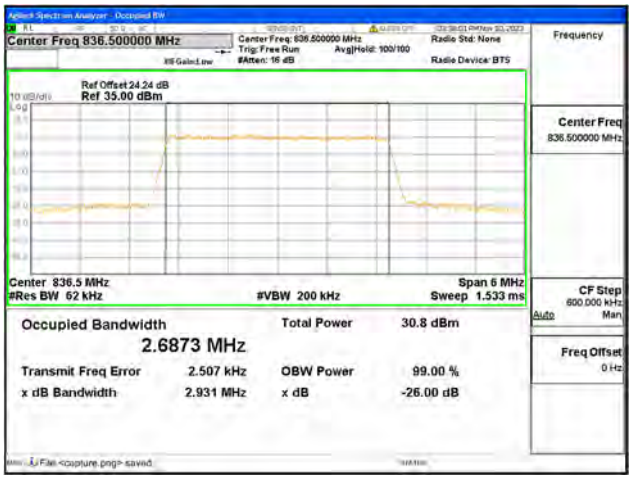


B26 Part22 / 3MHz / QPSK/ Low CH

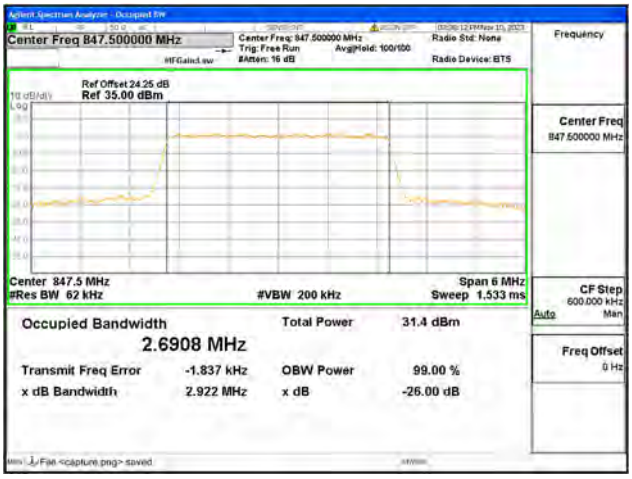
B26 Part22 / 3MHz / 16QAM/ Low CH



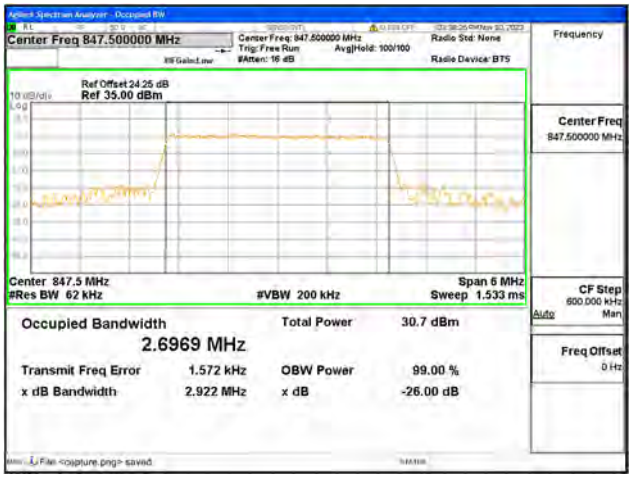
B26 Part22 / 3MHz / QPSK/ Mid CH



B26 Part22 / 3MHz / 16QAM/ Mid CH

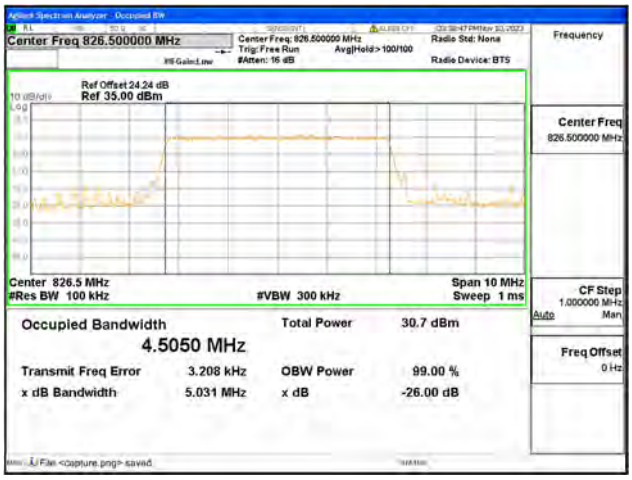


B26 Part22 / 3MHz / QPSK/ High CH

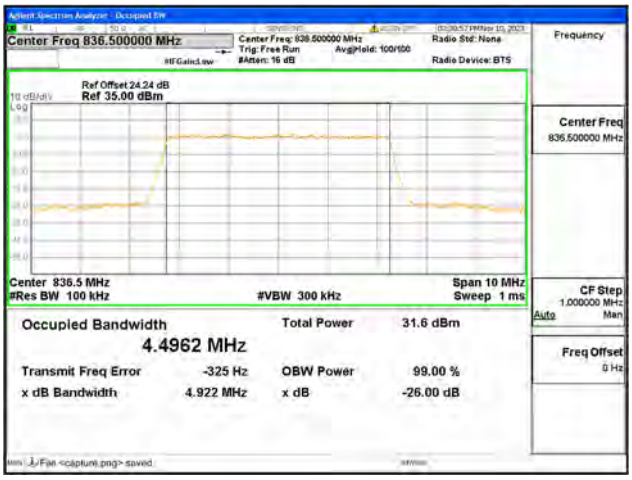


B26 Part22 / 3MHz / 16QAM/ High CH

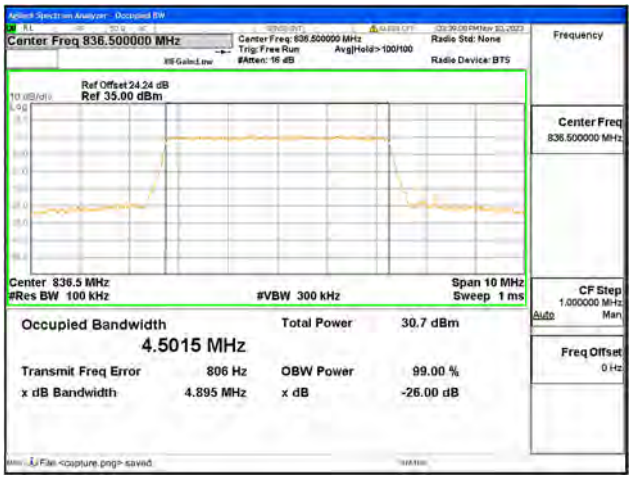
B26 Part22 / 5MHz / QPSK/ Low CH



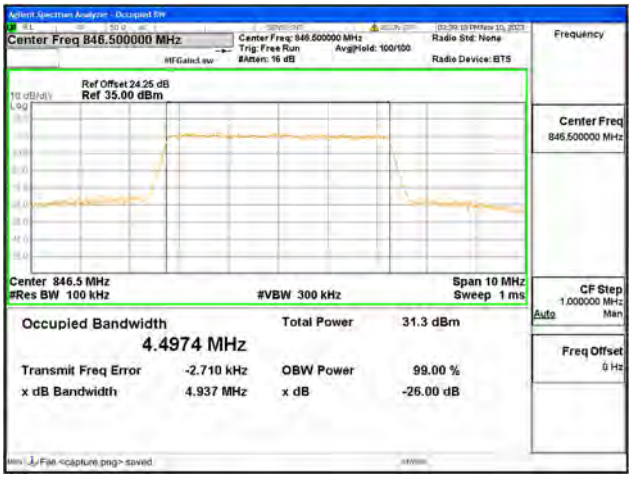
B26 Part22 / 5MHz / 16QAM/ Low CH



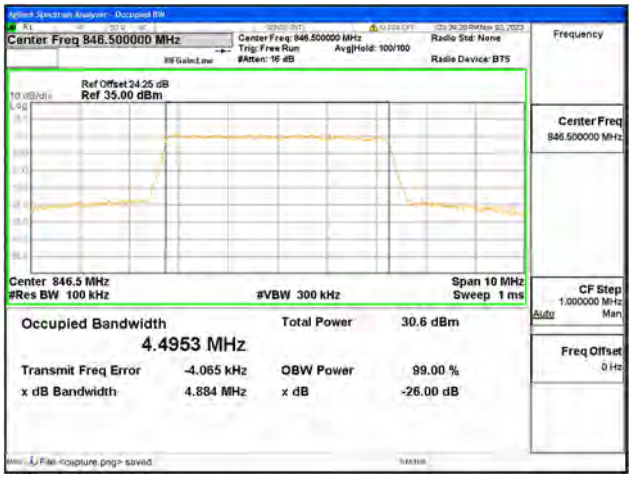
B26 Part22 / 5MHz / QPSK/ Mid CH



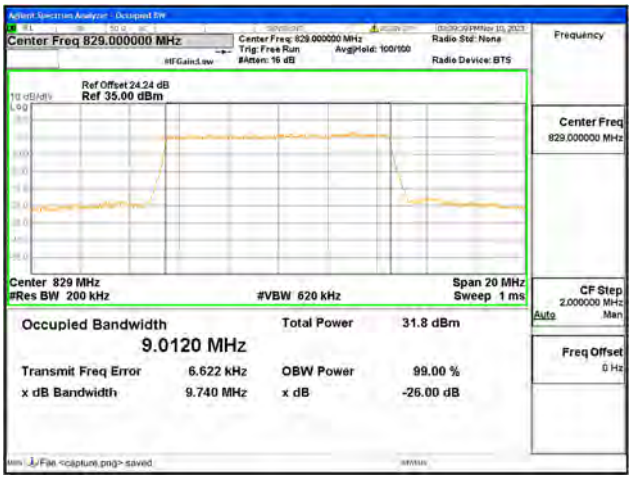
B26 Part22 / 5MHz / 16QAM/ Mid CH



B26 Part22 / 5MHz / QPSK/ High CH

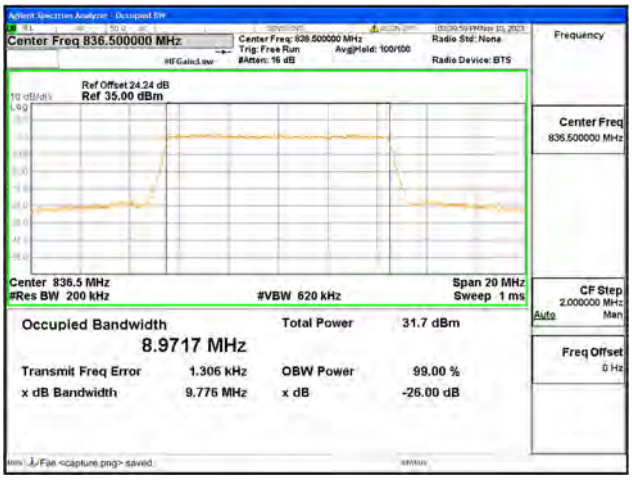


B26 Part22 / 5MHz / 16QAM/ High CH

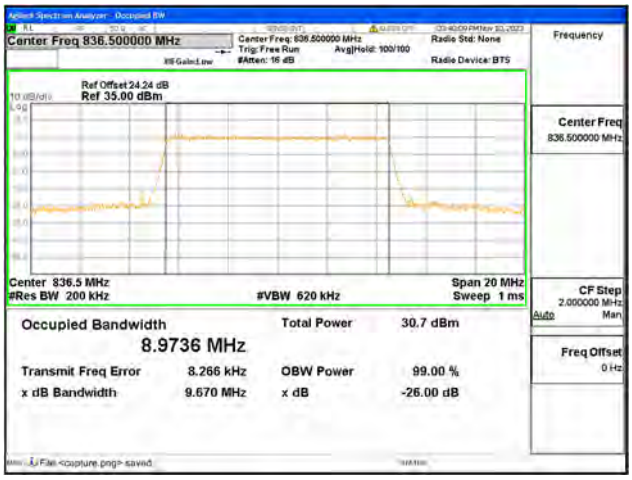


B26 Part22 / 10MHz / QPSK/ Low CH

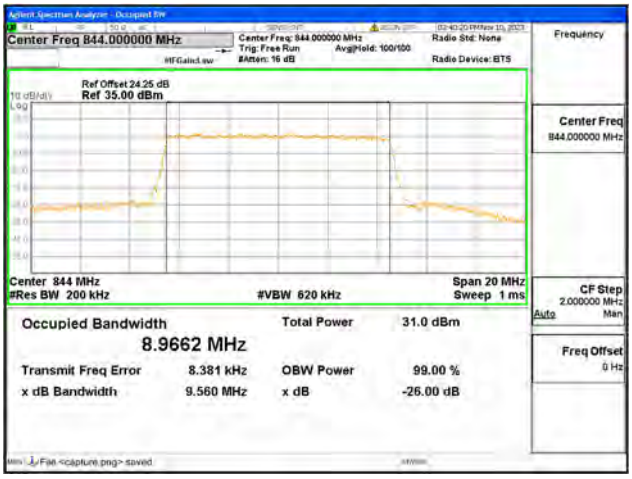
B26 Part22 / 10MHz / 16QAM/ Low CH



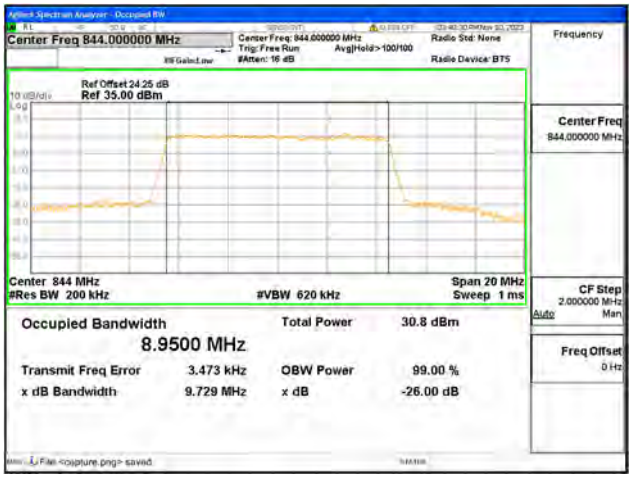
B26 Part22 / 10MHz / QPSK/ Mid CH



B26 Part22 / 10MHz / 16QAM/ Mid CH

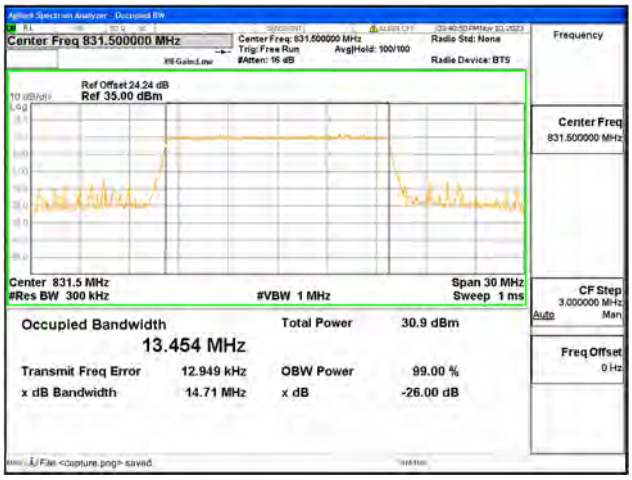


B26 Part22 / 10MHz / QPSK/ High CH

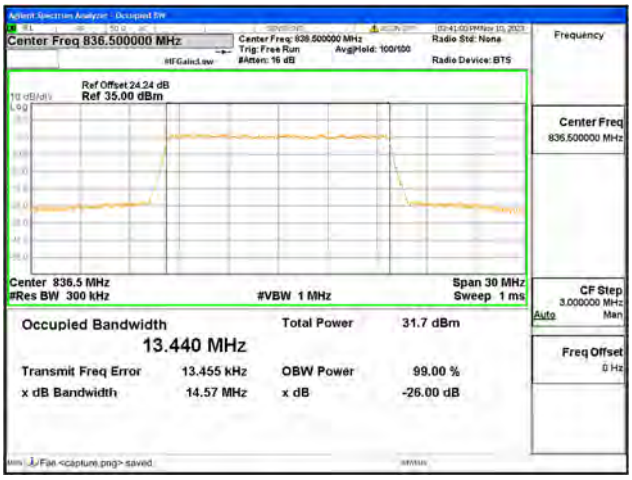


B26 Part22 / 10MHz / 16QAM/ High CH

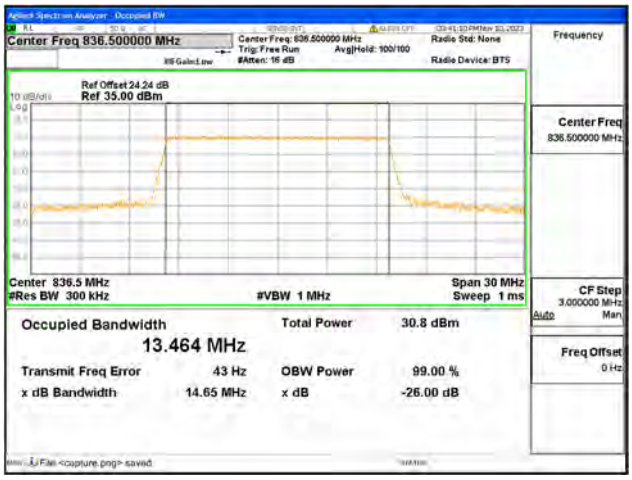
B26 Part22 / 15MHz / QPSK/ Low CH



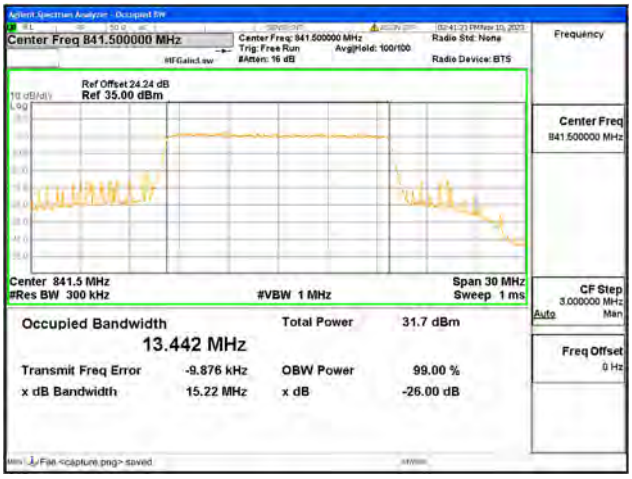
B26 Part22 / 15MHz / 16QAM/ Low CH



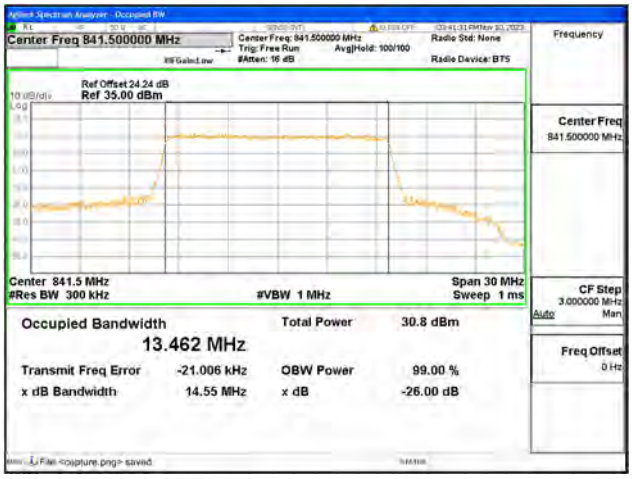
B26 Part22 / 15MHz / QPSK/ Mid CH



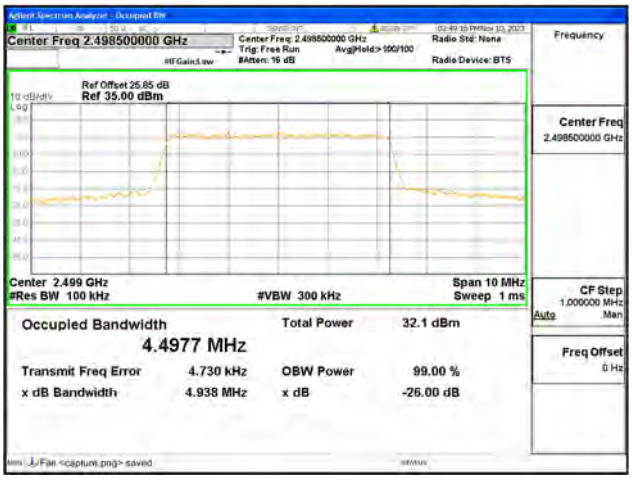
B26 Part22 / 15MHz / 16QAM/ Mid CH



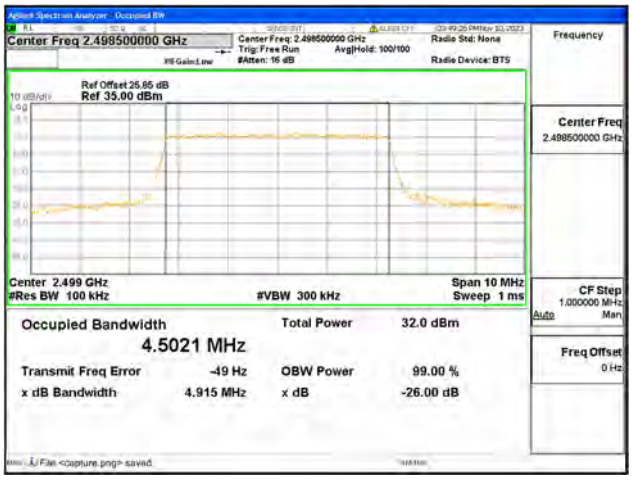
B26 Part22 / 15MHz / QPSK/ High CH



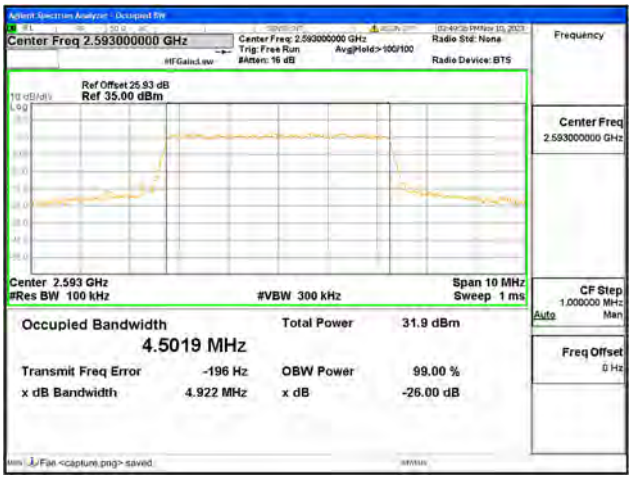
B26 Part22 / 15MHz / 16QAM/ High CH



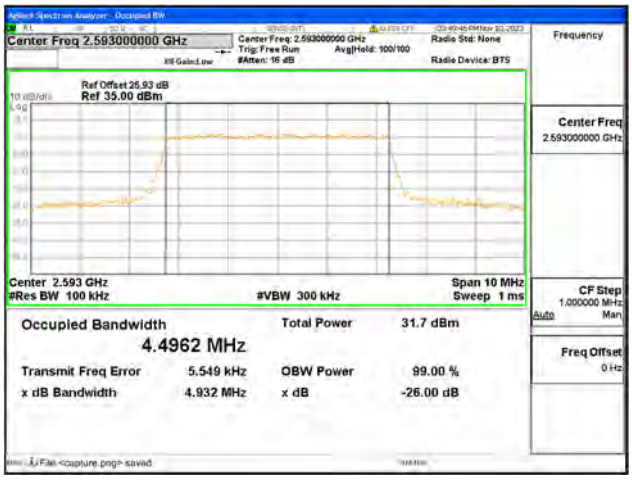
B41 / 5MHz / QPSK/ Low CH



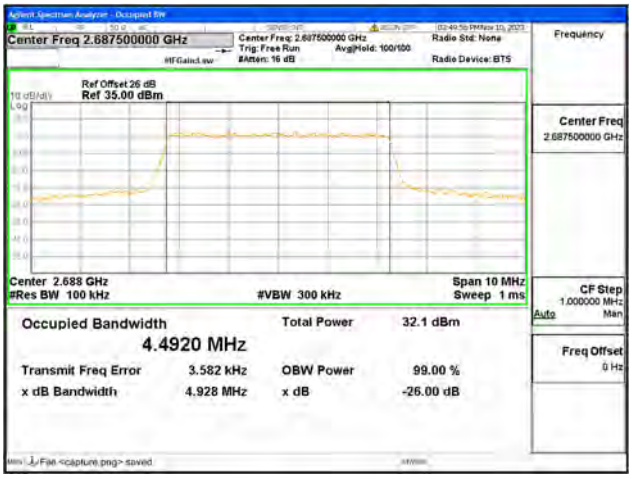
B41 / 5MHz / 16QAM/ Low CH



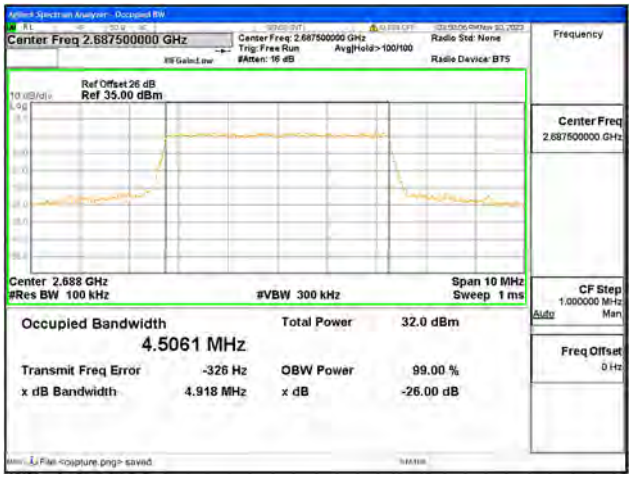
B41 / 5MHz / QPSK/ Mid CH



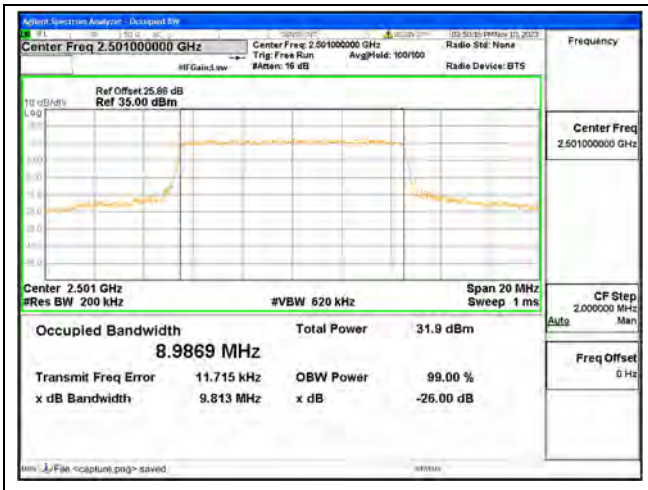
B41 / 5MHz / 16QAM/ Mid CH



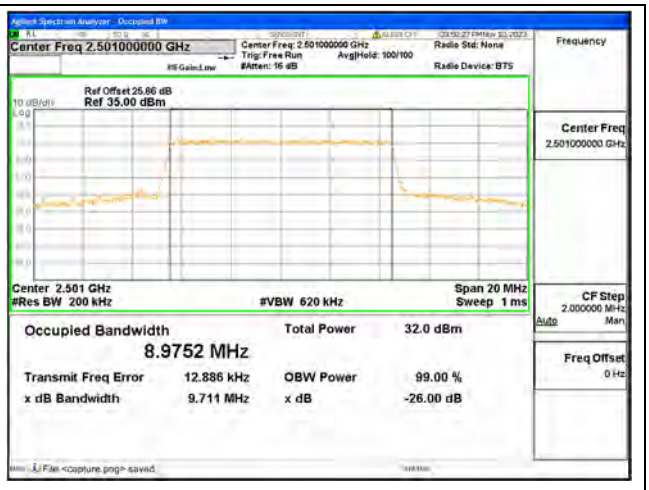
B41 / 5MHz / QPSK/ High CH



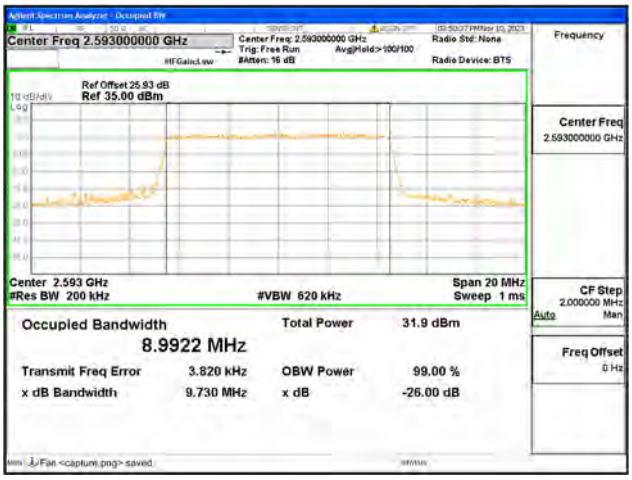
B41 / 5MHz / 16QAM/ High CH



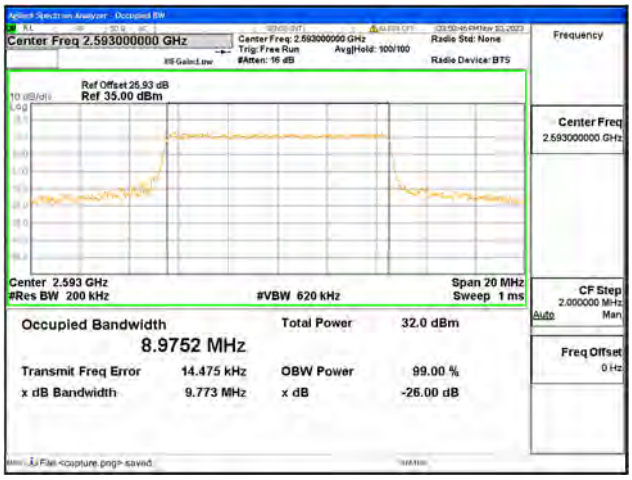
B41 / 10MHz / QPSK/ Low CH



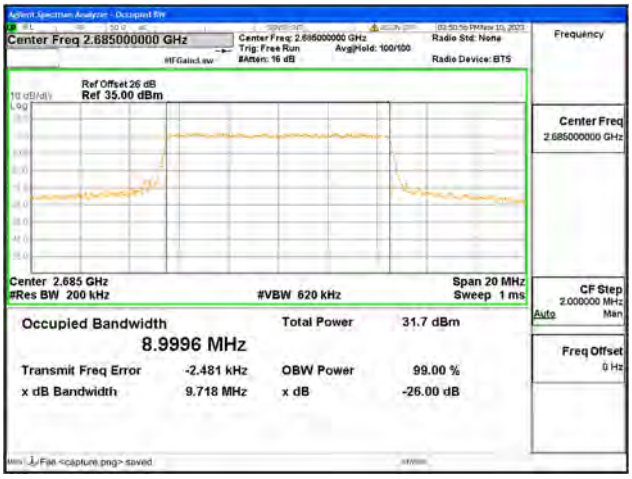
B41 / 10MHz / 16QAM/ Low CH



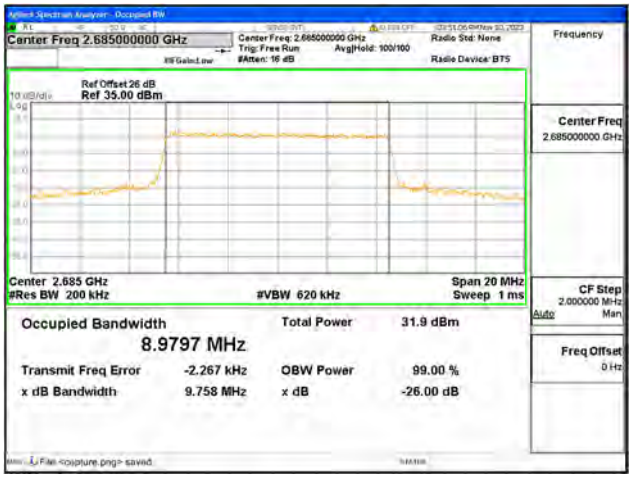
B41 / 10MHz / QPSK/ Mid CH



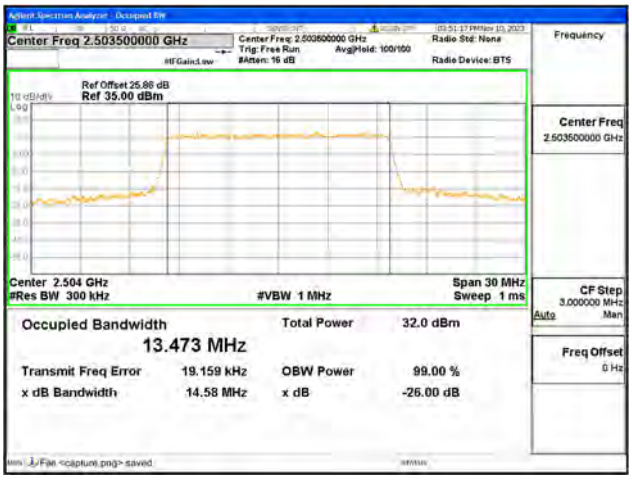
B41 / 10MHz / 16QAM/ Mid CH



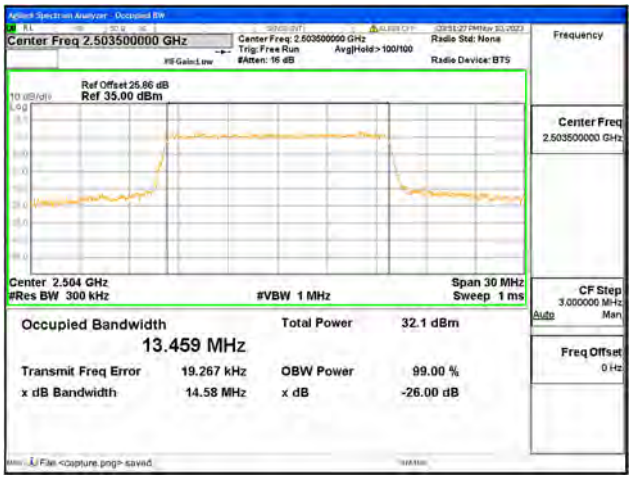
B41 / 10MHz / QPSK/ High CH



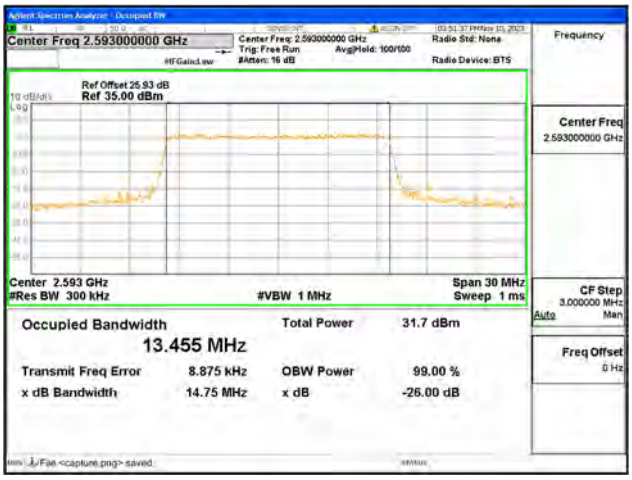
B41 / 10MHz / 16QAM/ High CH



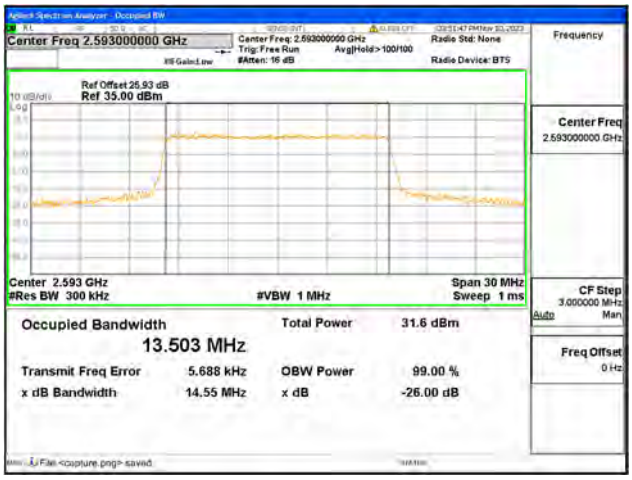
B41 / 15MHz / QPSK/ Low CH



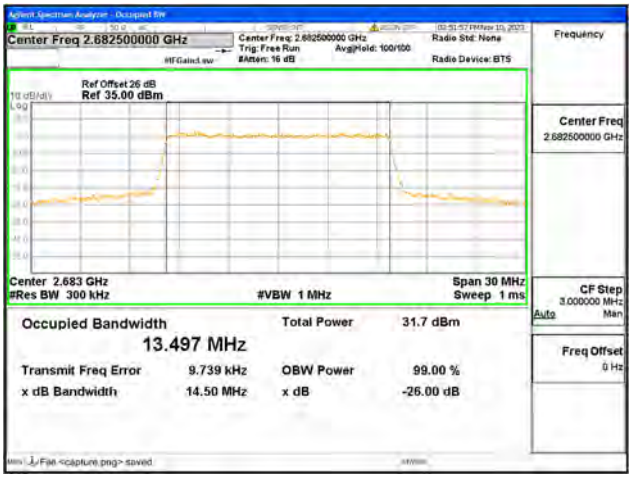
B41 / 15MHz / 16QAM/ Low CH



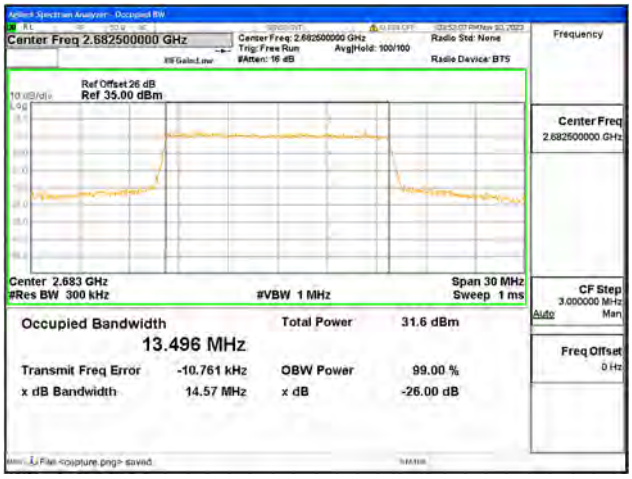
B41 / 15MHz / QPSK/ Mid CH



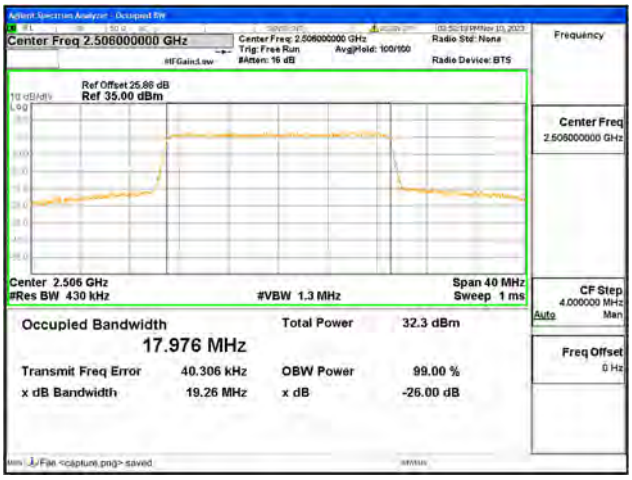
B41 / 15MHz / 16QAM/ Mid CH



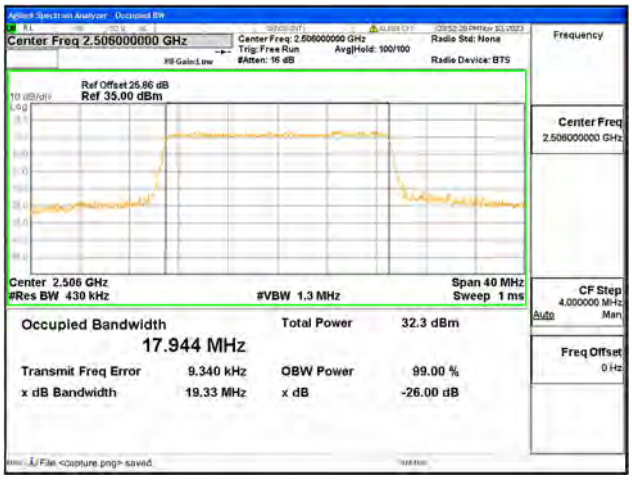
B41 / 15MHz / QPSK/ High CH



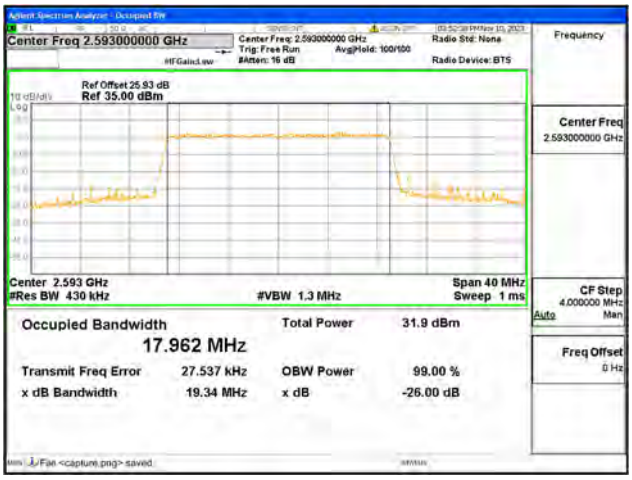
B41 / 15MHz / 16QAM/ High CH



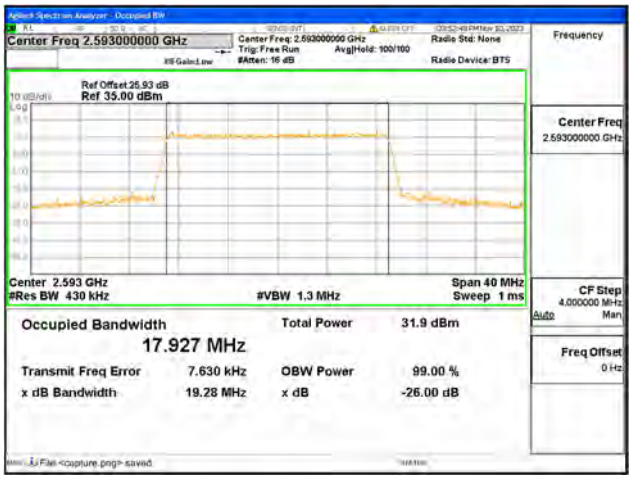
B41 / 20MHz / QPSK/ Low CH



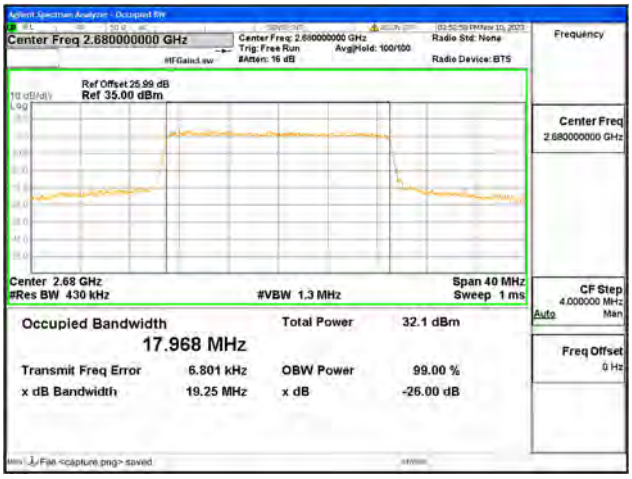
B41 / 20MHz / 16QAM/ Low CH



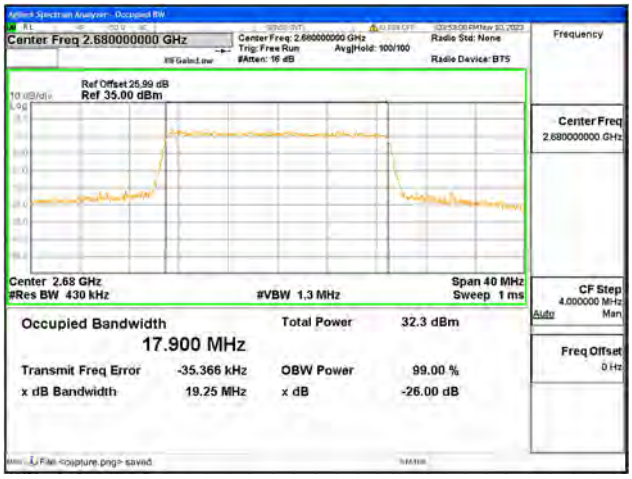
B41 / 20MHz / QPSK/ Mid CH



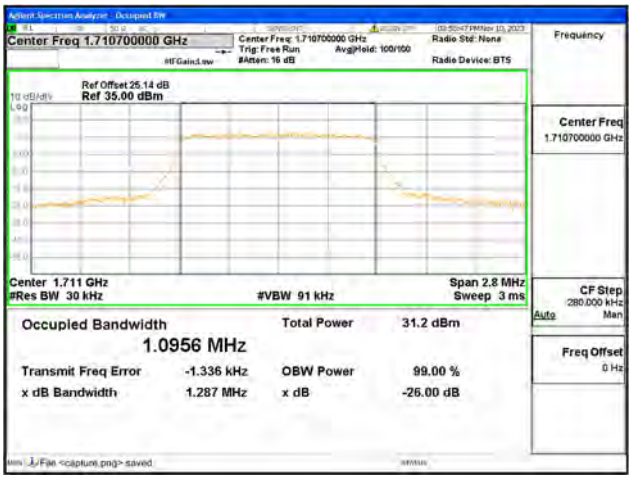
B41 / 20MHz / 16QAM/ Mid CH



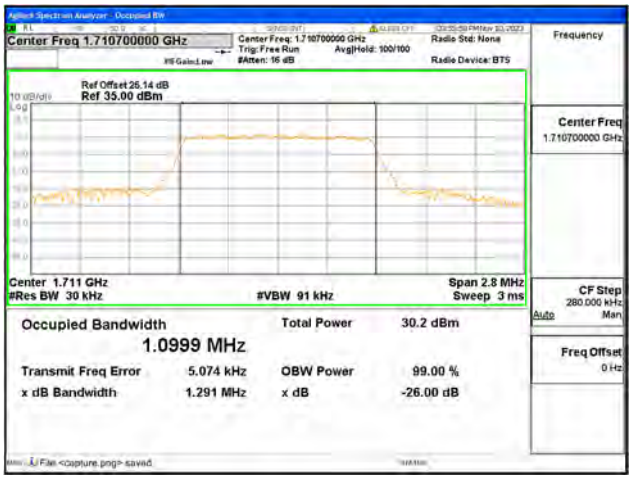
B41 / 20MHz / QPSK/ High CH



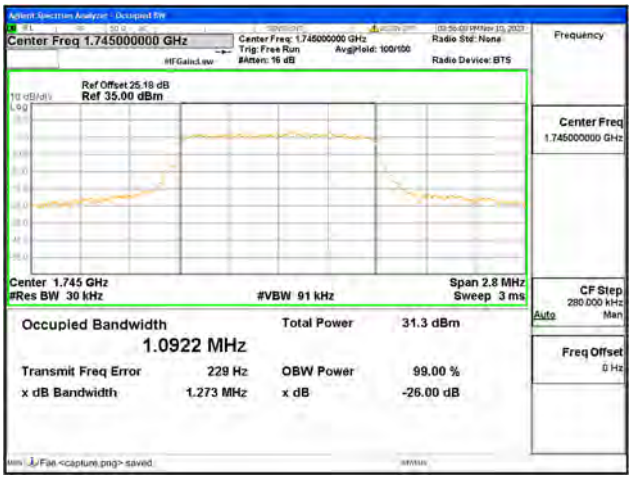
B41 / 20MHz / 16QAM/ High CH



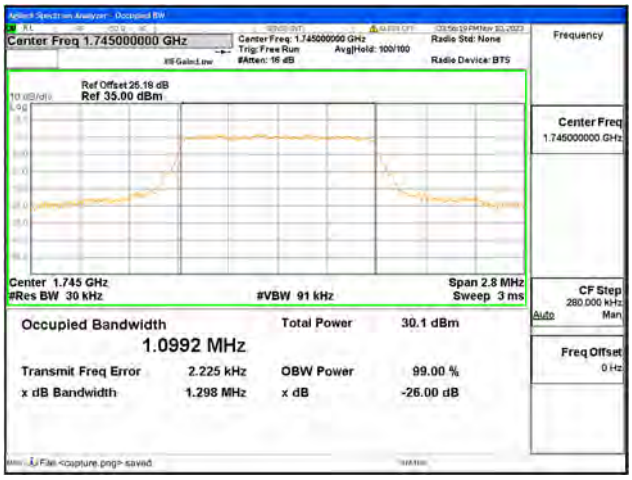
B66 / 1.4MHz / QPSK/ Low CH



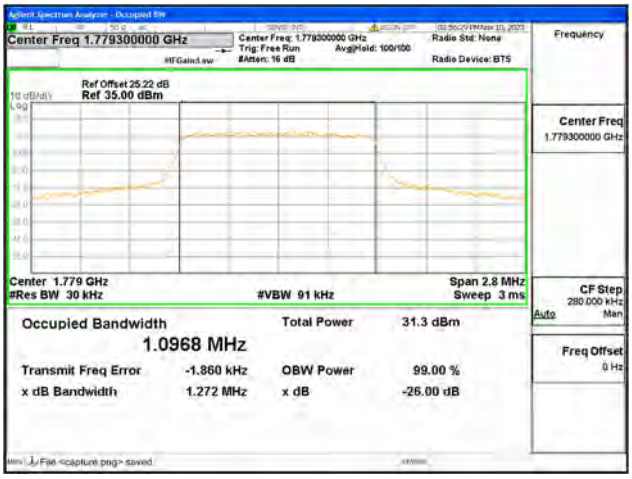
B66 / 1.4MHz / 16QAM/ Low CH



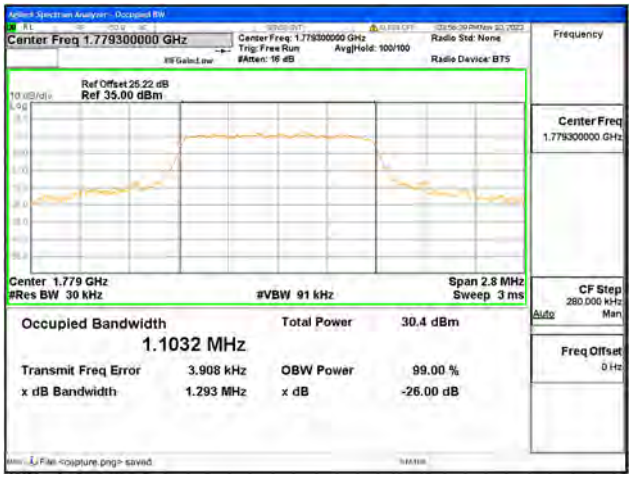
B66 / 1.4MHz / QPSK/ Mid CH



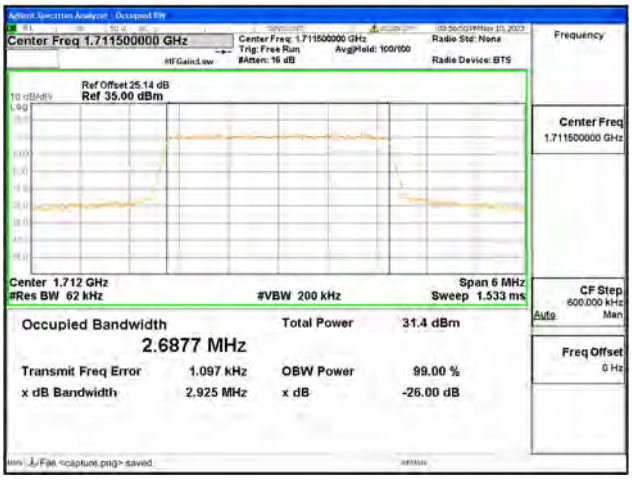
B66 / 1.4MHz / 16QAM/ Mid CH



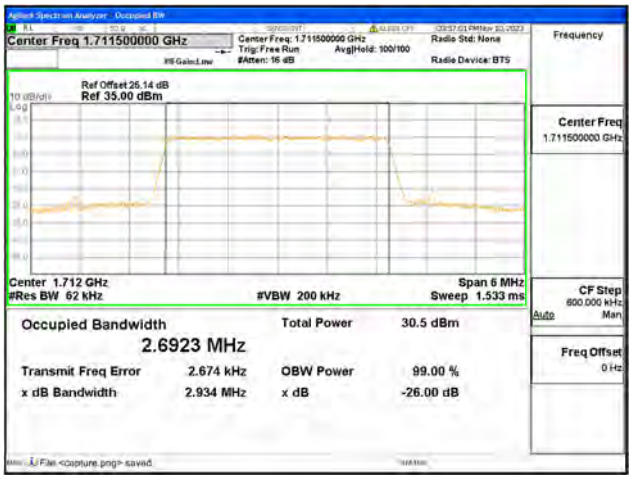
B66 / 1.4MHz / QPSK/ High CH



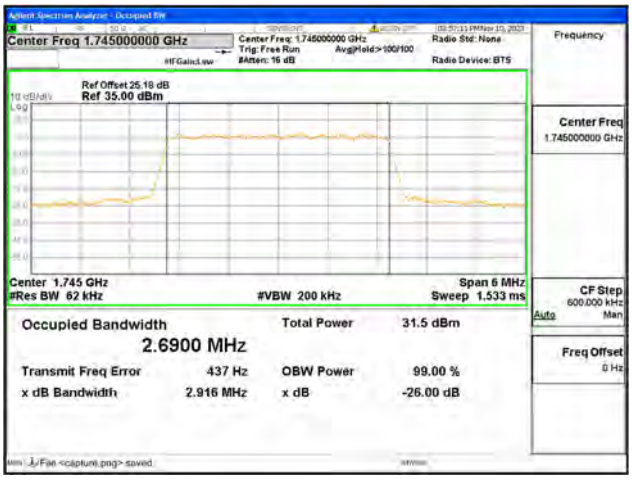
B66 / 1.4MHz / 16QAM/ High CH



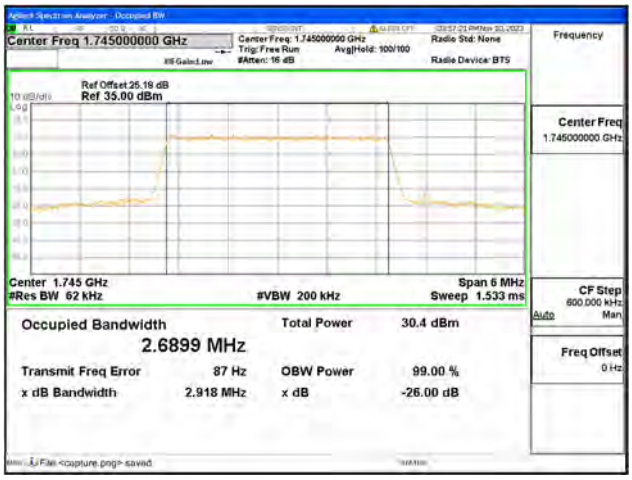
B66 / 3MHz / QPSK/ Low CH



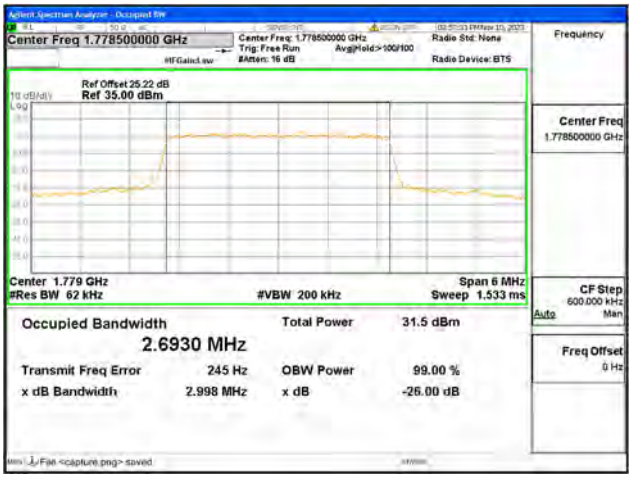
B66 / 3MHz / 16QAM/ Low CH



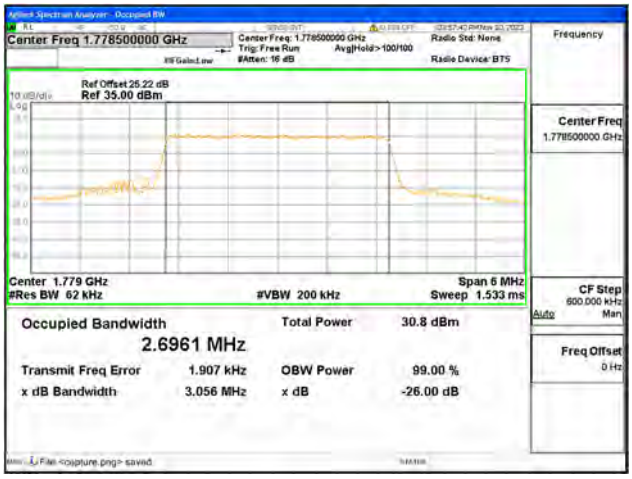
B66 / 3MHz / QPSK/ Mid CH



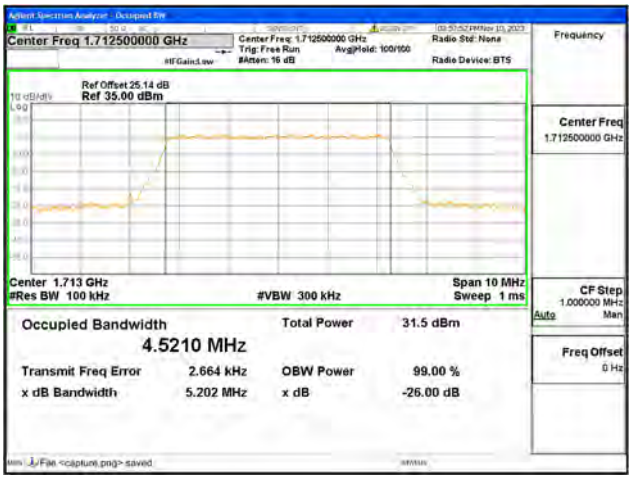
B66 / 3MHz / 16QAM/ Mid CH



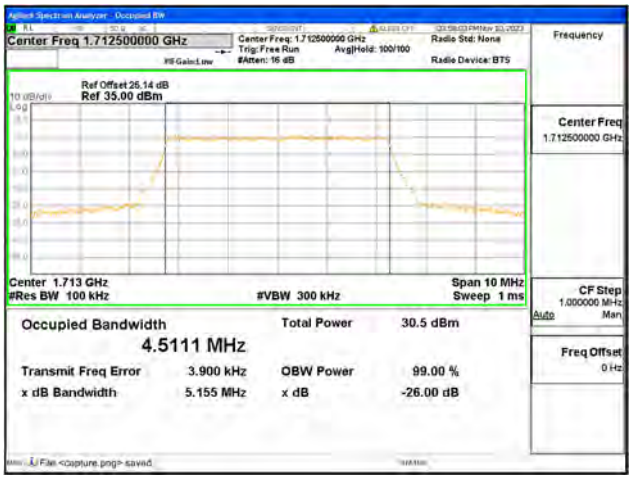
B66 / 3MHz / QPSK/ High CH



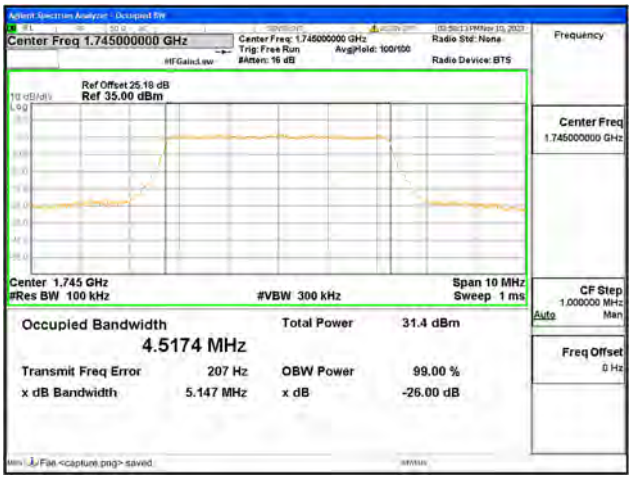
B66 / 3MHz / 16QAM/ High CH



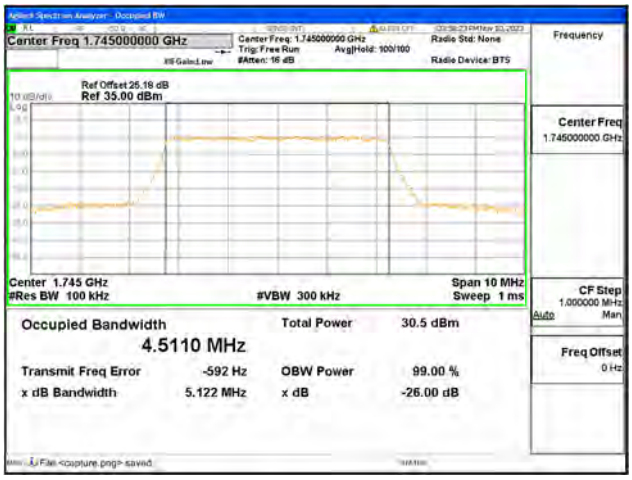
B66 / 5MHz / QPSK/ Low CH



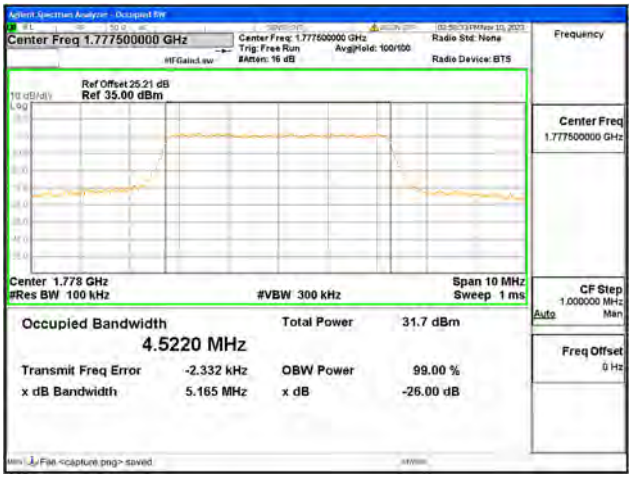
B66 / 5MHz / 16QAM/ Low CH



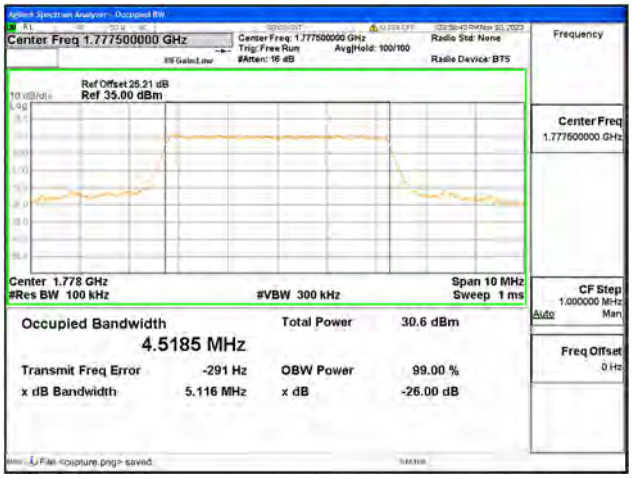
B66 / 5MHz / QPSK/ Mid CH



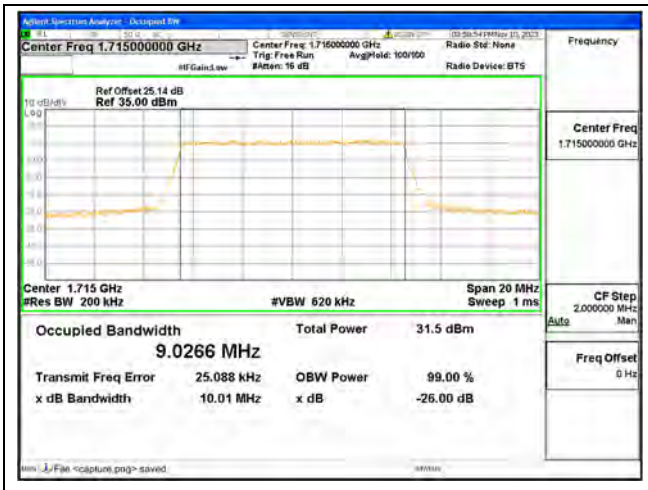
B66 / 5MHz / 16QAM/ Mid CH



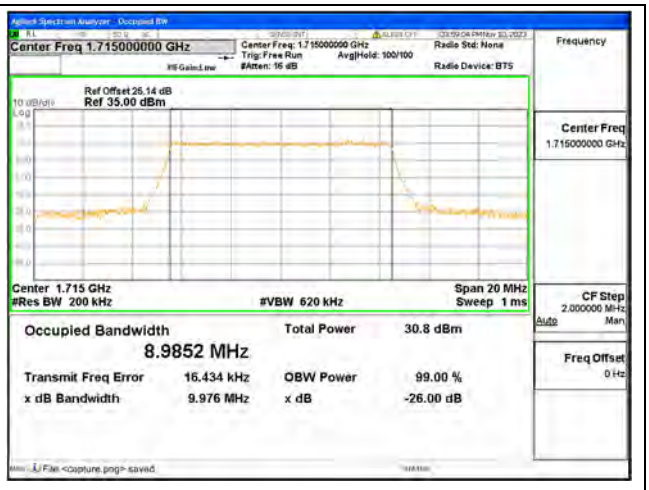
B66 / 5MHz / QPSK/ High CH



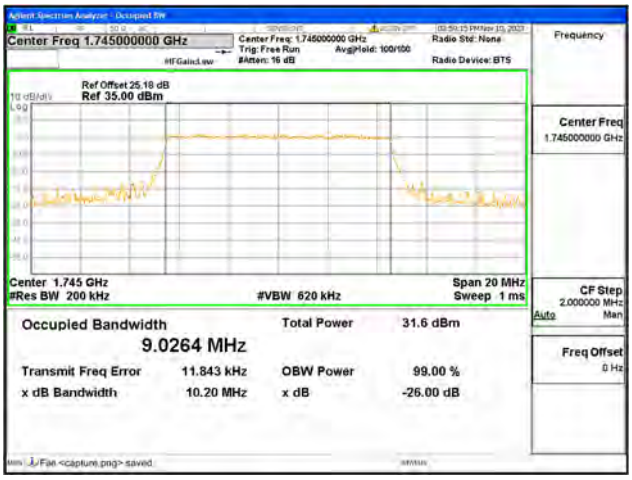
B66 / 5MHz / 16QAM/ High CH



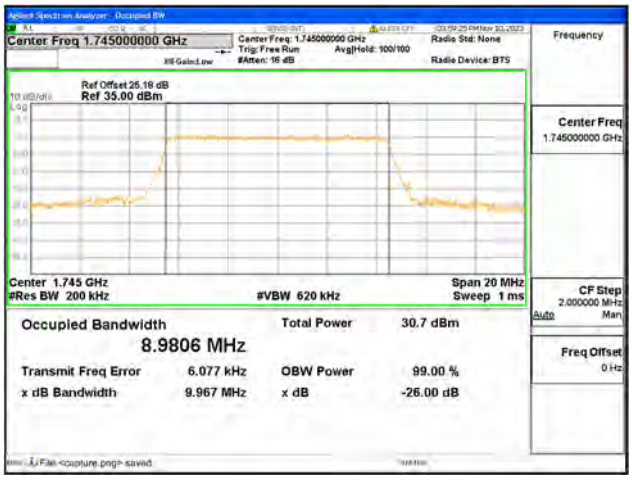
B66 / 10MHz / QPSK/ Low CH



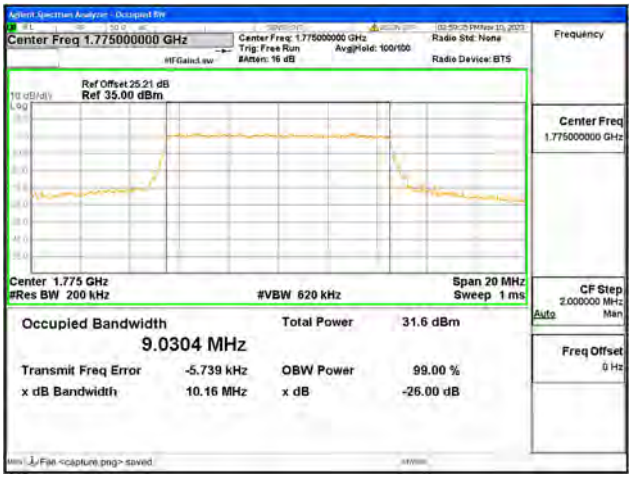
B66 / 10MHz / 16QAM/ Low CH



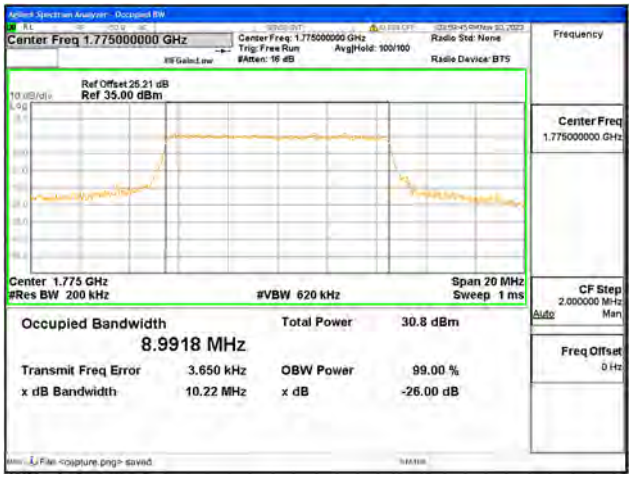
B66 / 10MHz / QPSK/ Mid CH



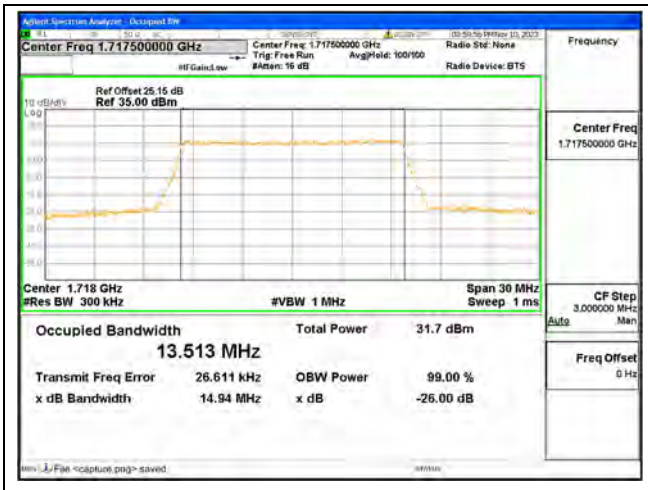
B66 / 10MHz / 16QAM/ Mid CH



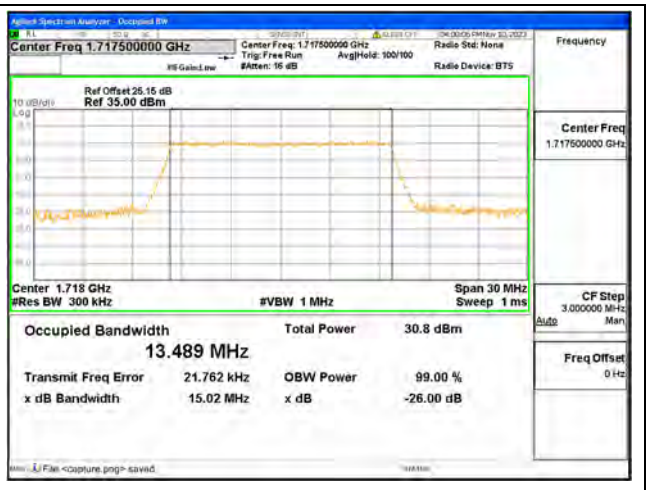
B66 / 10MHz / QPSK/ High CH



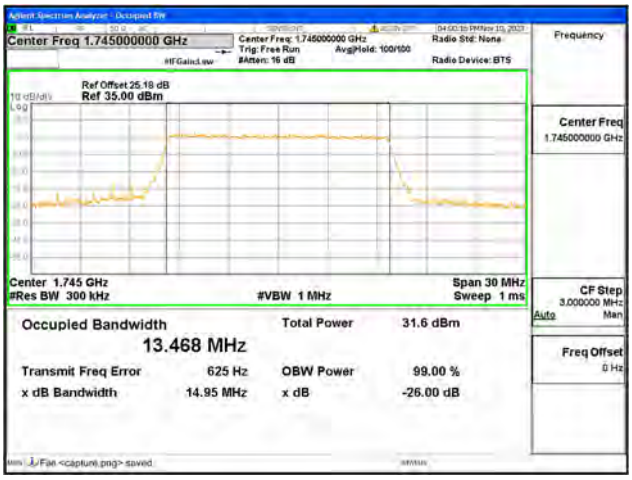
B66 / 10MHz / 16QAM/ High CH



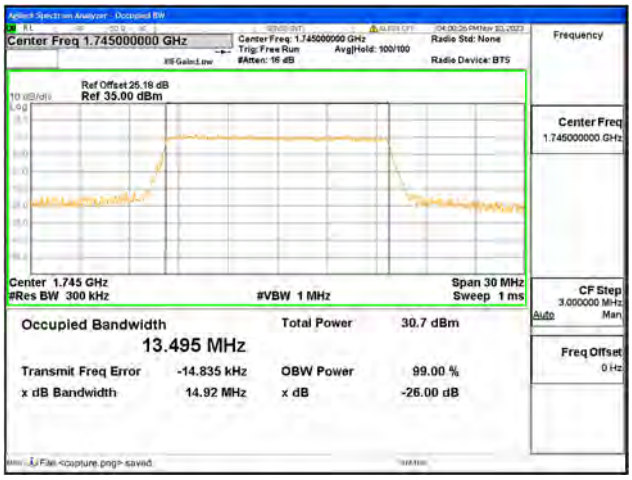
B66 / 15MHz / QPSK/ Low CH



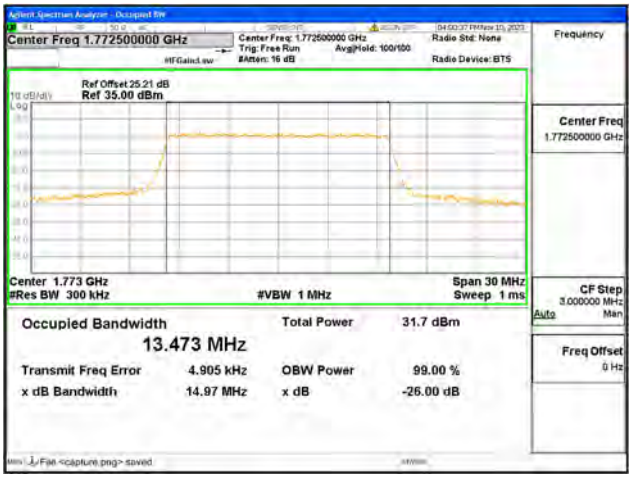
B66 / 15MHz / 16QAM/ Low CH



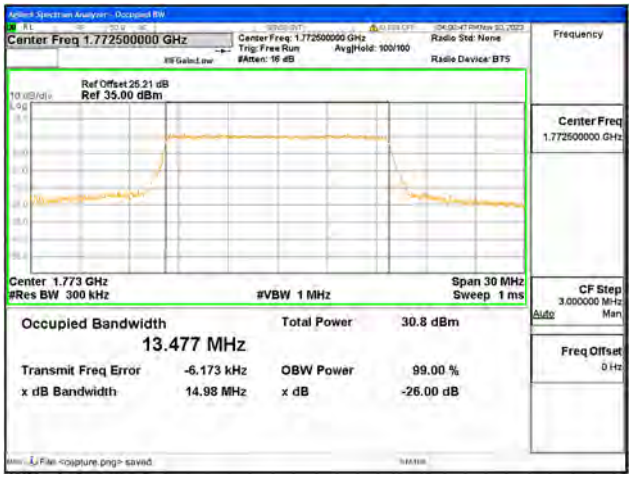
B66 / 15MHz / QPSK/ Mid CH



B66 / 15MHz / 16QAM/ Mid CH

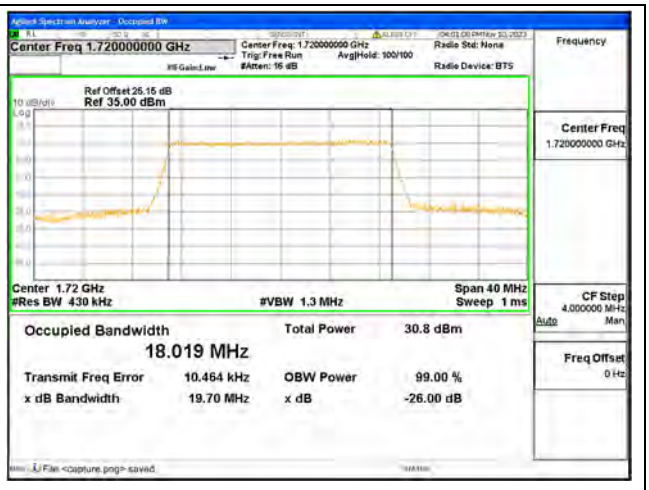


B66 / 15MHz / QPSK/ High CH

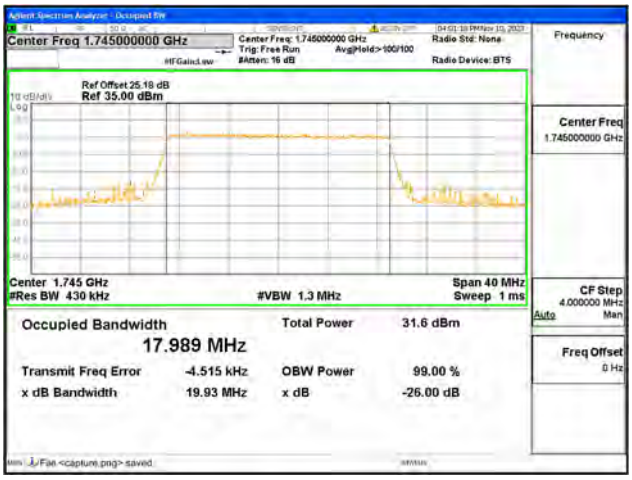


B66 / 15MHz / 16QAM/ High CH

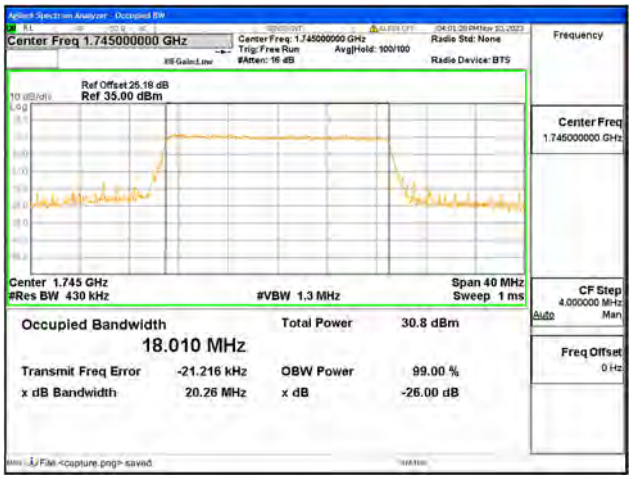
B66 / 20MHz / QPSK/ Low CH



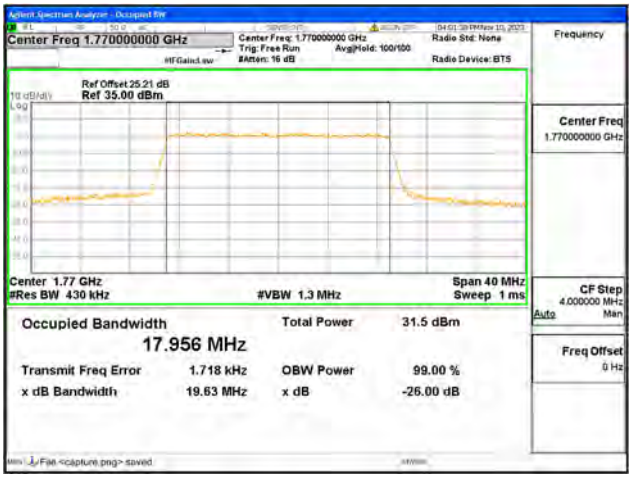
B66 / 20MHz / 16QAM/ Low CH



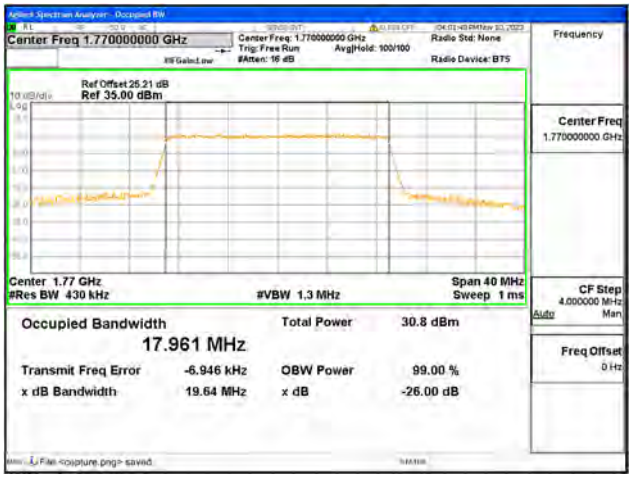
B66 / 20MHz / QPSK/ Mid CH



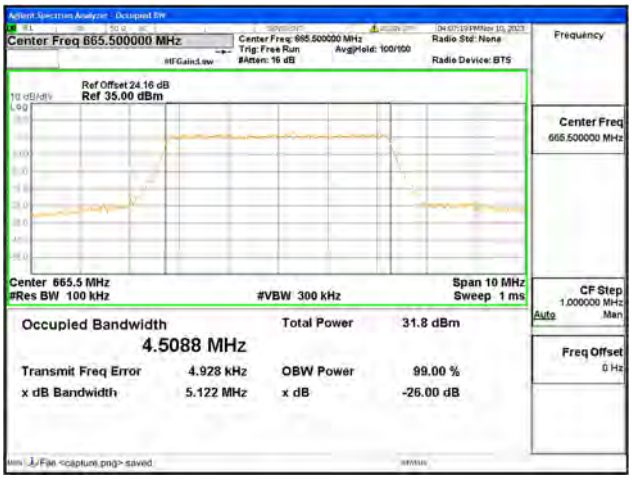
B66 / 20MHz / 16QAM/ Mid CH



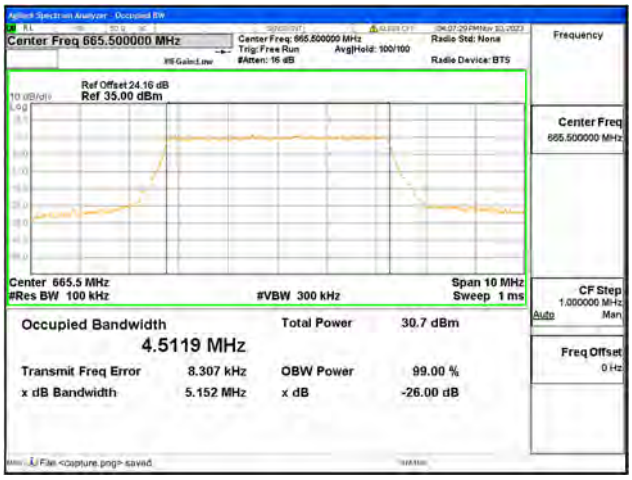
B66 / 20MHz / QPSK/ High CH



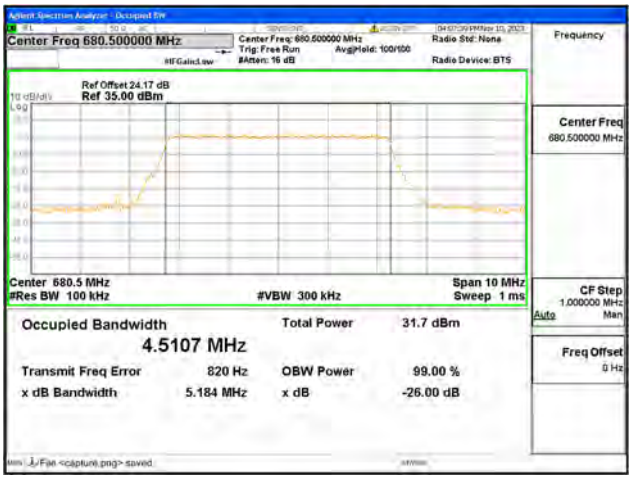
B66 / 20MHz / 16QAM/ High CH



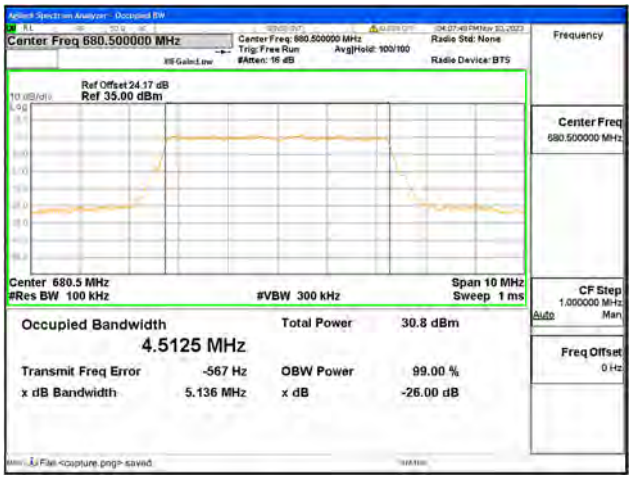
B71 / 5MHz / QPSK/ Low CH



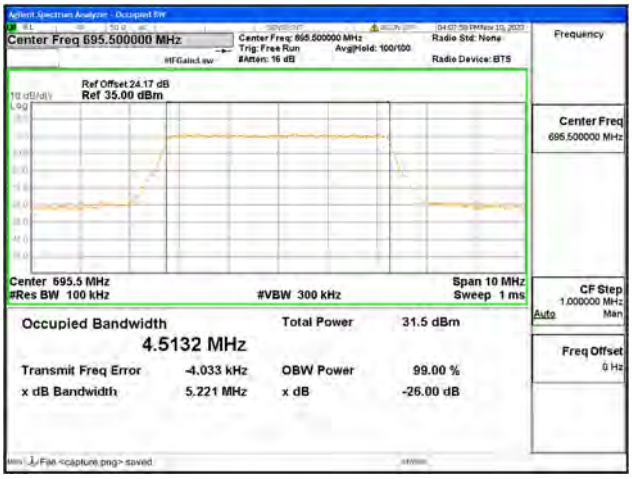
B71 / 5MHz / 16QAM/ Low CH



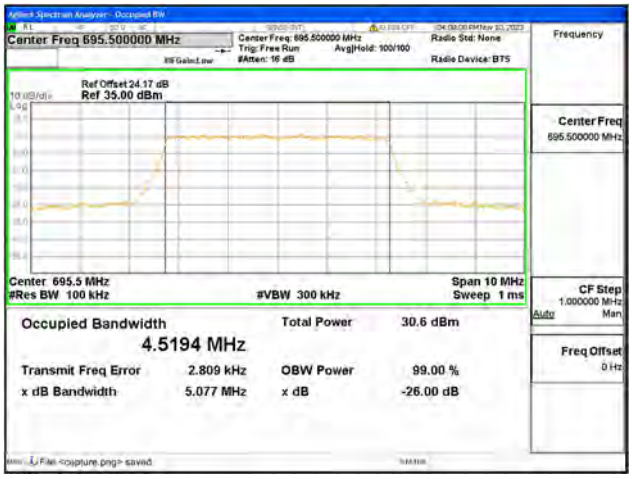
B71 / 5MHz / QPSK/ Mid CH



B71 / 5MHz / 16QAM/ Mid CH

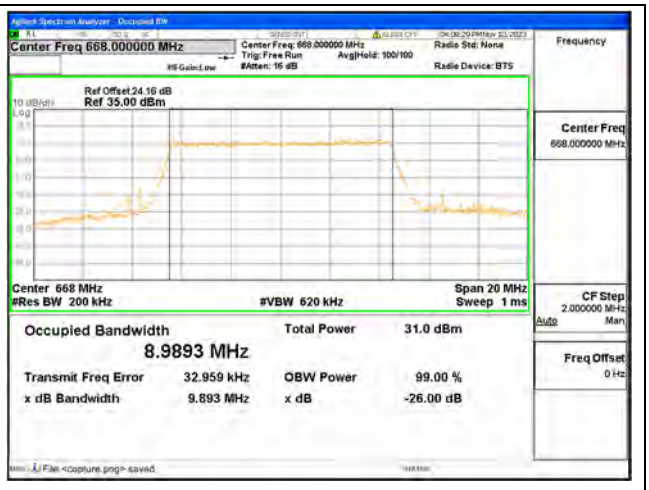


B71 / 5MHz / QPSK/ High CH

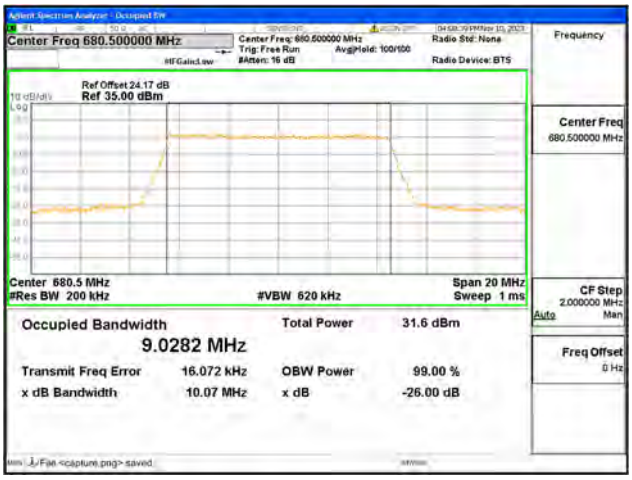


B71 / 5MHz / 16QAM/ High CH

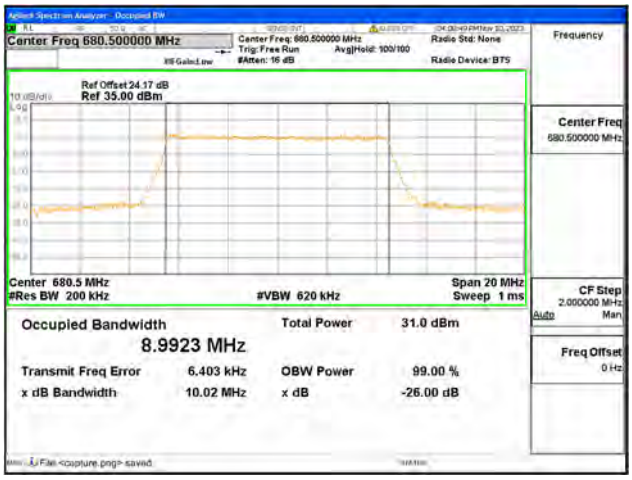
B71 / 10MHz / QPSK/ Low CH



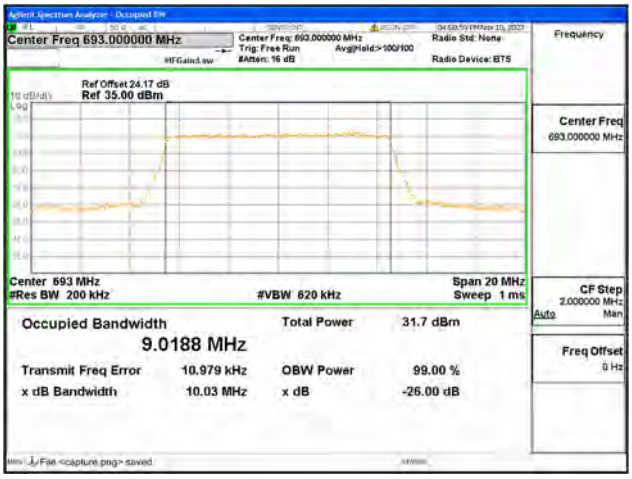
B71 / 10MHz / 16QAM/ Low CH



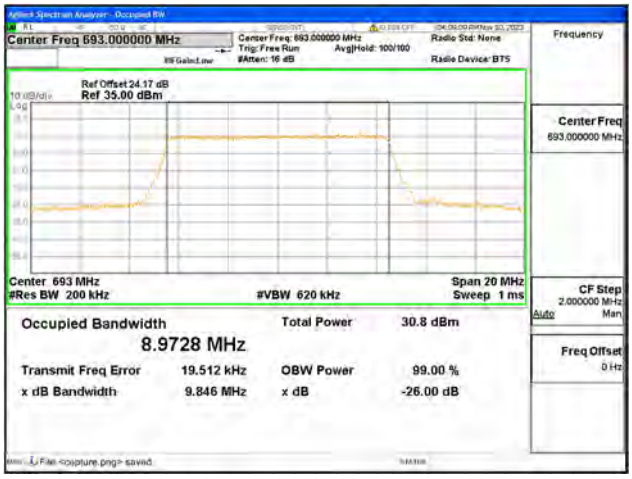
B71 / 10MHz / QPSK/ Mid CH



B71 / 10MHz / 16QAM/ Mid CH

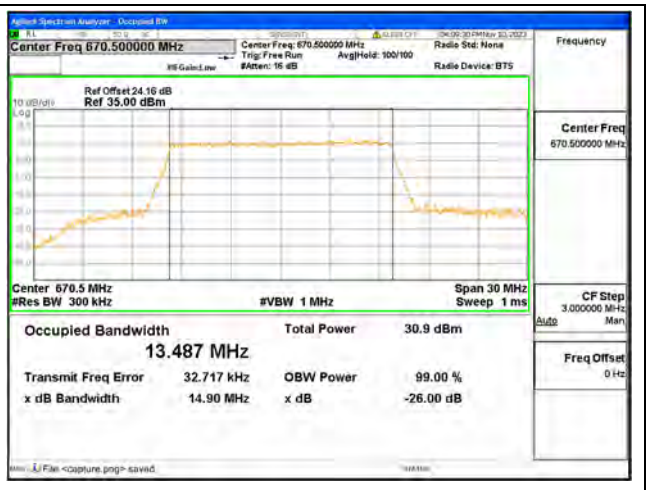


B71 / 10MHz / QPSK/ High CH

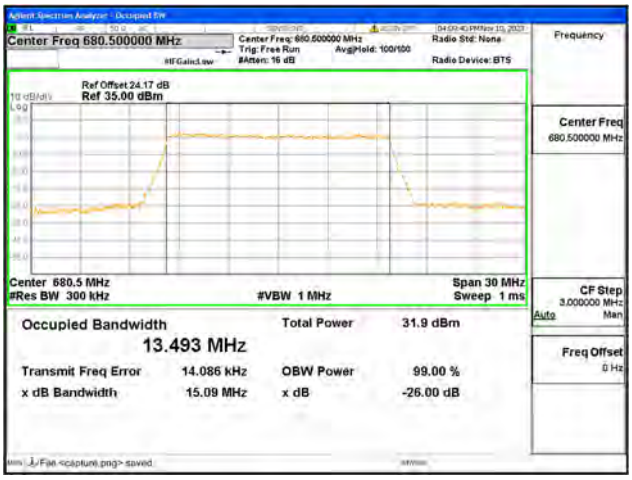


B71 / 10MHz / 16QAM/ High CH

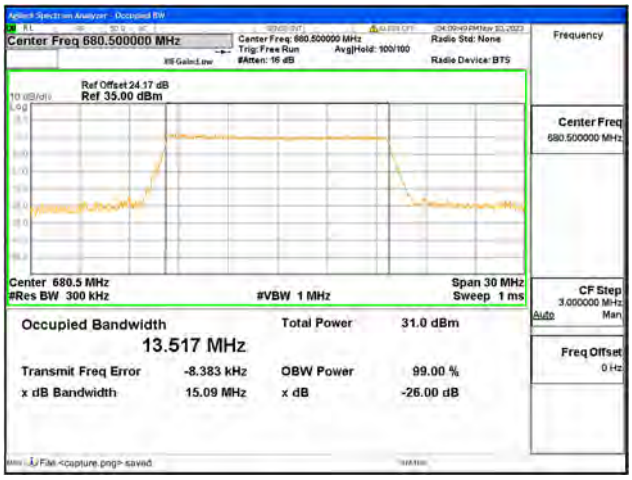
B71 / 15MHz / QPSK/ Low CH



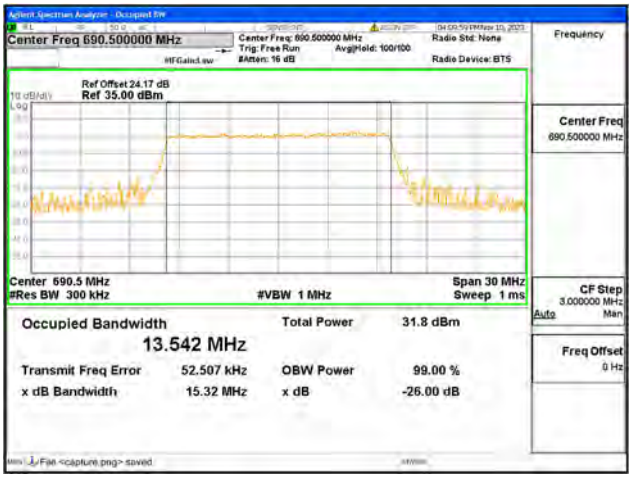
B71 / 15MHz / 16QAM/ Low CH



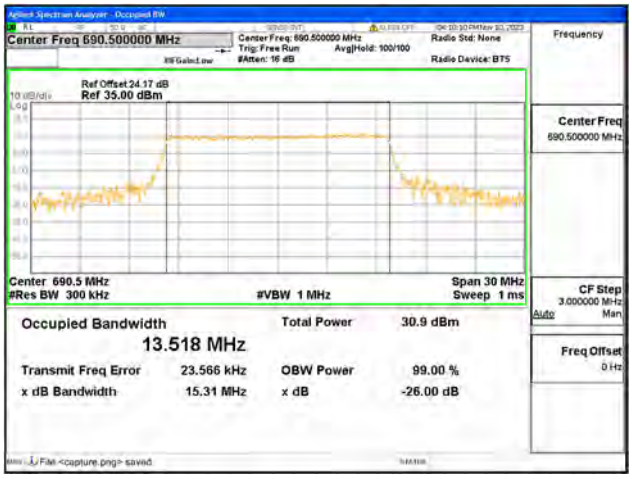
B71 / 15MHz / QPSK/ Mid CH



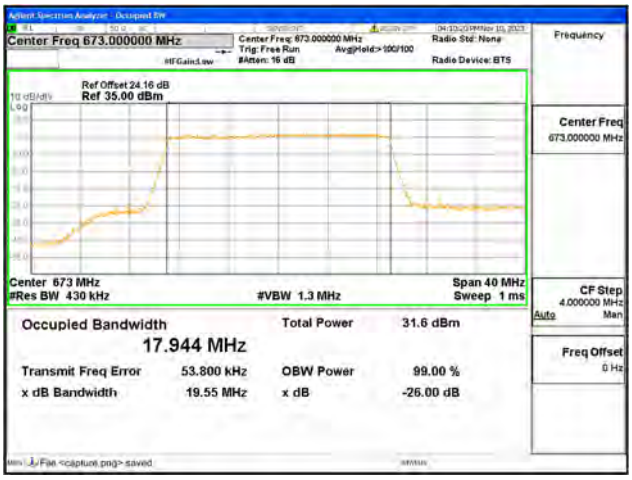
B71 / 15MHz / 16QAM/ Mid CH



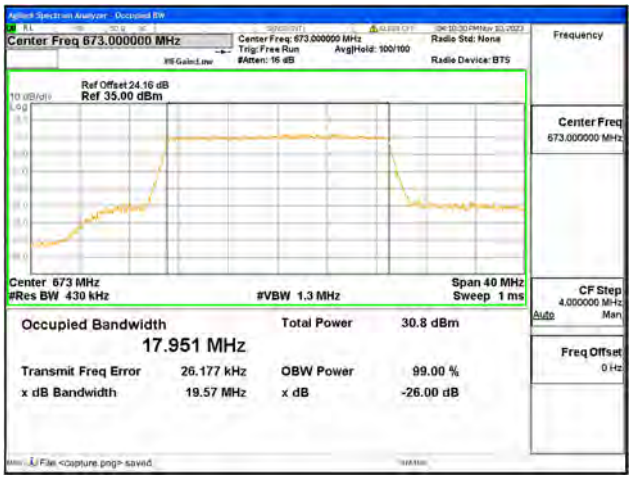
B71 / 15MHz / QPSK/ High CH



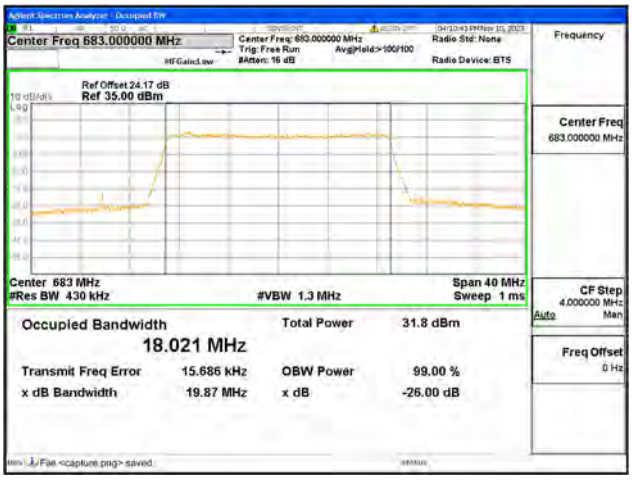
B71 / 15MHz / 16QAM/ High CH



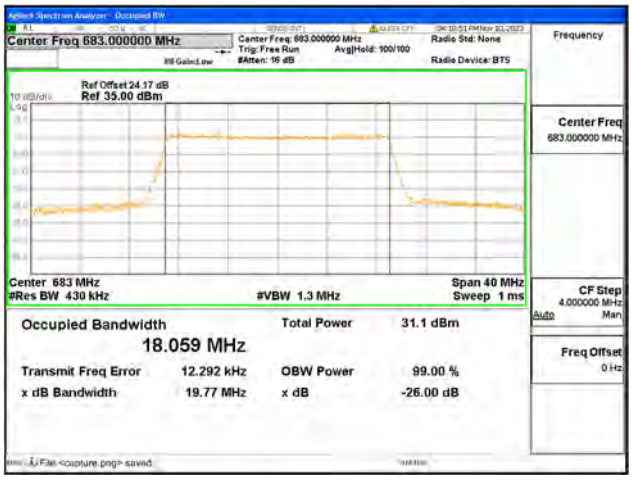
B71 / 20MHz / QPSK/ Low CH



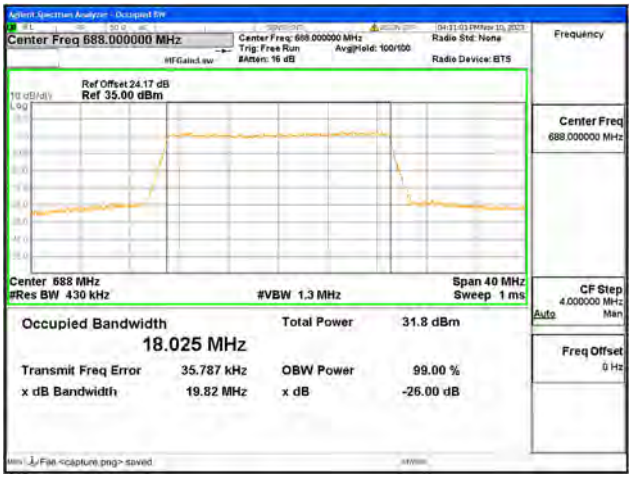
B71 / 20MHz / 16QAM/ Low CH



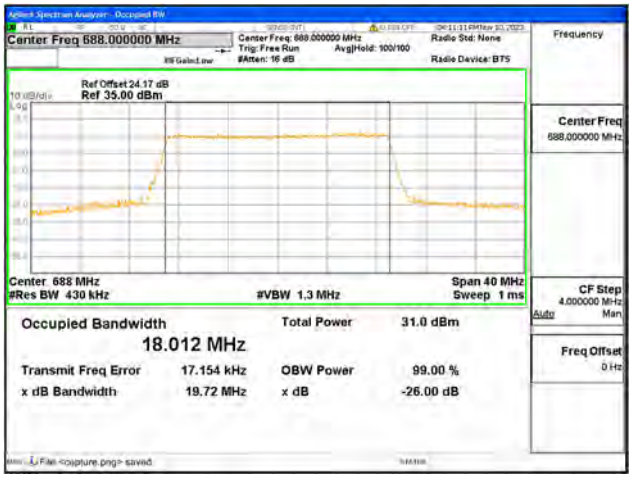
B71 / 20MHz / QPSK/ Mid CH



B71 / 20MHz / 16QAM/ Mid CH



B71 / 20MHz / QPSK/ High CH



B71 / 20MHz / 16QAM/ High CH

2.3. Frequency Stability

2.3.1. Requirement

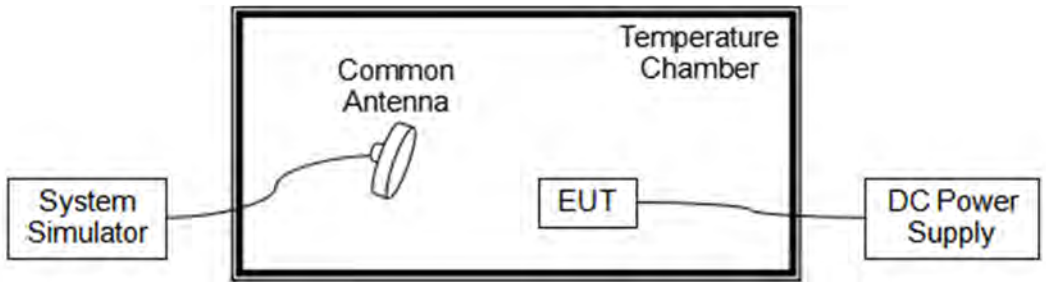
According to FCC section 2.1055, 24.235, 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

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

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

Note: The operating temperature of EUT is from -10°C to 55°C, which are specified by the applicant.

2.3.2. Test Description



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

2.3.3. Test Procedure

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

2.3.4. Test Result

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

LTE Band 2, 16QAM, Channel 18900, Frequency 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	19	0.010	PASS
Normal		-10	19	0.010	
Normal		0	-19	-0.010	
Normal		+10	1	0.001	
Normal		+20	13	0.007	
Normal		+30	16	0.009	
Normal		+40	21	0.011	
Normal		+50	-5	-0.003	
Normal		+55	20	0.011	
High	4.40	+20	22	**0.012**	
BATT.ENDPOINT	3.60	+20	-3	-0.002	

LTE Band 4, 16QAM, Channel 20175, Frequency 1732.5MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	13	0.008	PASS
Normal		-10	18	0.010	
Normal		0	-18	-0.010	
Normal		+10	-10	-0.006	
Normal		+20	14	0.008	
Normal		+30	7	0.004	
Normal		+40	15	0.009	
Normal		+50	20	**0.012**	
Normal		+55	15	0.009	
High	4.40	+20	13	0.008	
BATT.ENDPOINT	3.60	+20	-8	-0.005	

LTE Band 5, 16QAM, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	13	0.016	PASS
Normal		-10	-9	-0.011	
Normal		0	15	0.018	
Normal		+10	18	0.022	
Normal		+20	20	**0.024**	
Normal		+30	16	0.019	
Normal		+40	-20	-0.024	
Normal		+50	0	0.000	
Normal		+55	13	0.016	
High	4.40	+20	-19	-0.023	
BATT.ENDPOINT	3.60	+20	-8	-0.010	

LTE Band 12, 16QAM, Channel 23095, Frequency 707.5MHz Limit= Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	17	0.024	PASS
Normal		-10	15	0.021	
Normal		0	6	0.008	
Normal		+10	18	0.025	
Normal		+20	19	**0.027**	
Normal		+30	3	0.004	
Normal		+40	16	0.023	
Normal		+50	-1	-0.001	
Normal		+55	16	0.023	
High	4.40	+20	19	**0.027**	
BATT.ENDPOINT	3.60	+20	11	0.016	

LTE Band 17, 16QAM, Channel 23790, Frequency 710MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	-20	-0.028	PASS
Normal		-10	-1	-0.001	
Normal		0	20	0.028	
Normal		+10	21	**0.030**	
Normal		+20	-21	-0.030	
Normal		+30	-8	-0.011	
Normal		+40	18	0.025	
Normal		+50	-16	-0.023	
Normal		+55	14	0.020	
High	4.40	+20	10	0.014	
BATT.ENDPOINT	3.60	+20	18	0.025	

LTE Band 25, 16QAM, Channel 26365, Frequency 1882.5MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	19	0.010	PASS
Normal		-10	14	0.007	
Normal		0	-14	-0.007	
Normal		+10	-8	-0.004	
Normal		+20	19	0.010	
Normal		+30	14	0.007	
Normal		+40	-10	-0.005	
Normal		+50	14	0.007	
Normal		+55	15	0.008	
High	4.40	+20	-20	-0.011	
BATT.ENDPOINT	3.60	+20	22	**0.012**	

LTE Band 26, 16QAM, Channel 26915, Frequency 836.5MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	-4	-0.005	PASS
Normal		-10	18	0.022	
Normal		0	15	0.018	
Normal		+10	17	0.020	
Normal		+20	17	0.020	
Normal		+30	-20	-0.024	
Normal		+40	19	**0.023**	
Normal		+50	-2	-0.002	
Normal		+55	15	0.018	
High	4.40	+20	11	0.013	
BATT.ENDPOINT	3.60	+20	14	0.017	

LTE Band 41, 16QAM, Channel 40620, Frequency 2593.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	1	0.000	PASS
Normal		-10	17	0.007	
Normal		0	15	0.006	
Normal		+10	19	0.007	
Normal		+20	20	0.008	
Normal		+30	-22	-0.008	
Normal		+40	5	0.002	
Normal		+50	17	0.007	
Normal		+55	20	0.008	
High	4.40	+20	14	0.005	
BATT.ENDPOINT	3.60	+20	23	**0.009**	

LTE Band 66, 16QAM, Channel 132322, Frequency 1745.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	20	0.011	PASS
Normal		-10	13	0.007	
Normal		0	14	0.008	
Normal		+10	20	0.011	
Normal		+20	16	0.009	
Normal		+30	17	0.010	
Normal		+40	21	**0.012**	
Normal		+50	21	**0.012**	
Normal		+55	-16	-0.009	
High	4.40	+20	4	0.002	
BATT.ENDPOINT	3.60	+20	19	0.011	

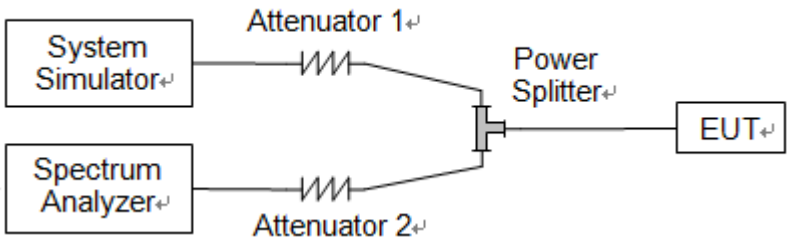
LTE Band 71, 16QAM, Channel 133322, Frequency 683.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	-22	-0.032	PASS
Normal		-10	16	0.023	
Normal		0	2	0.003	
Normal		+10	19	0.028	
Normal		+20	1	0.001	
Normal		+30	20	0.029	
Normal		+40	17	0.025	
Normal		+50	21	**0.031**	
Normal		+55	-3	-0.004	
High	4.40	+20	19	0.028	
BATT.ENDPOINT	3.60	+20	15	0.022	

2.4. Peak to Average Radio

2.4.1. Requirement

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

2.4.2. Test Description



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

2.4.3. Test Procedure

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

2.4.4. Test Result

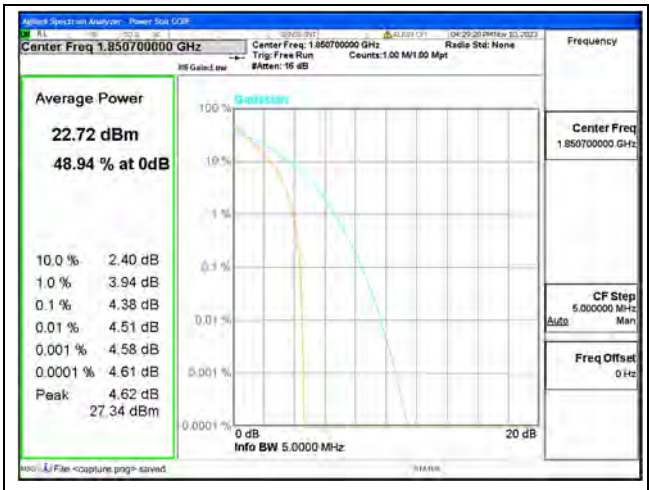
Record the maximum PAPR level associated with a probability of 0.1%.

LTE Band 2					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	4.38	<=13	PASS
	Low	16QAM	5.20	<=13	PASS
	Mid	QPSK	5.04	<=13	PASS
	Mid	16QAM	5.90	<=13	PASS
	High	QPSK	4.67	<=13	PASS
	High	16QAM	5.46	<=13	PASS
3	Low	QPSK	4.60	<=13	PASS
	Low	16QAM	5.46	<=13	PASS
	Mid	QPSK	5.27	<=13	PASS
	Mid	16QAM	6.02	<=13	PASS
	High	QPSK	4.94	<=13	PASS
	High	16QAM	5.77	<=13	PASS
5	Low	QPSK	4.99	<=13	PASS
	Low	16QAM	5.66	<=13	PASS
	Mid	QPSK	5.34	<=13	PASS
	Mid	16QAM	6.02	<=13	PASS
	High	QPSK	5.31	<=13	PASS
	High	16QAM	5.95	<=13	PASS
10	Low	QPSK	5.18	<=13	PASS
	Low	16QAM	5.86	<=13	PASS
	Mid	QPSK	5.46	<=13	PASS
	Mid	16QAM	6.10	<=13	PASS
	High	QPSK	5.41	<=13	PASS
	High	16QAM	6.11	<=13	PASS
15	Low	QPSK	5.08	<=13	PASS
	Low	16QAM	5.80	<=13	PASS
	Mid	QPSK	5.31	<=13	PASS
	Mid	16QAM	5.94	<=13	PASS
	High	QPSK	5.19	<=13	PASS
	High	16QAM	5.80	<=13	PASS
20	Low	QPSK	5.23	<=13	PASS
	Low	16QAM	5.97	<=13	PASS
	Mid	QPSK	5.29	<=13	PASS
	Mid	16QAM	6.04	<=13	PASS
	High	QPSK	5.24	<=13	PASS
	High	16QAM	5.99	<=13	PASS

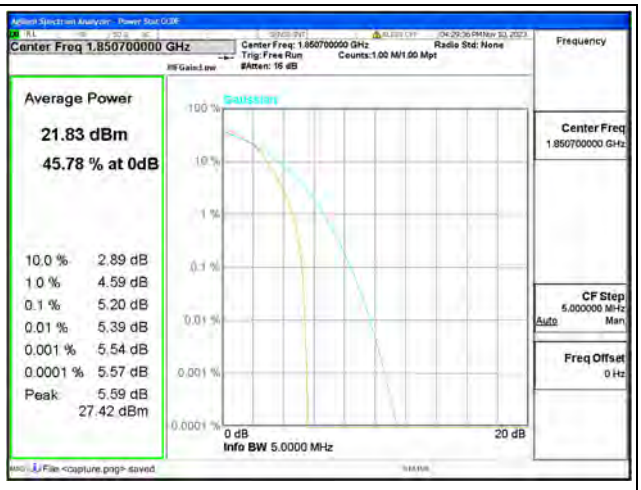
LTE Band 4					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.42	<=13	PASS
	Low	16QAM	6.22	<=13	PASS
	Mid	QPSK	5.39	<=13	PASS
	Mid	16QAM	6.13	<=13	PASS
	High	QPSK	5.48	<=13	PASS
	High	16QAM	6.25	<=13	PASS
3	Low	QPSK	5.43	<=13	PASS
	Low	16QAM	6.23	<=13	PASS
	Mid	QPSK	5.40	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.53	<=13	PASS
	High	16QAM	6.27	<=13	PASS
5	Low	QPSK	5.60	<=13	PASS
	Low	16QAM	6.19	<=13	PASS
	Mid	QPSK	5.50	<=13	PASS
	Mid	16QAM	6.14	<=13	PASS
	High	QPSK	5.62	<=13	PASS
	High	16QAM	6.21	<=13	PASS
10	Low	QPSK	5.67	<=13	PASS
	Low	16QAM	6.22	<=13	PASS
	Mid	QPSK	5.56	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.71	<=13	PASS
	High	16QAM	6.30	<=13	PASS
15	Low	QPSK	5.60	<=13	PASS
	Low	16QAM	6.17	<=13	PASS
	Mid	QPSK	5.49	<=13	PASS
	Mid	16QAM	6.12	<=13	PASS
	High	QPSK	5.58	<=13	PASS
	High	16QAM	6.13	<=13	PASS
20	Low	QPSK	5.58	<=13	PASS
	Low	16QAM	6.31	<=13	PASS
	Mid	QPSK	5.48	<=13	PASS
	Mid	16QAM	6.17	<=13	PASS
	High	QPSK	5.57	<=13	PASS
	High	16QAM	6.22	<=13	PASS

LTE Band 25					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	4.31	<=13	PASS
	Low	16QAM	5.29	<=13	PASS
	Mid	QPSK	5.09	<=13	PASS
	Mid	16QAM	5.96	<=13	PASS
	High	QPSK	3.94	<=13	PASS
	High	16QAM	4.80	<=13	PASS
3	Low	QPSK	4.53	<=13	PASS
	Low	16QAM	5.37	<=13	PASS
	Mid	QPSK	5.18	<=13	PASS
	Mid	16QAM	5.98	<=13	PASS
	High	QPSK	4.02	<=13	PASS
	High	16QAM	4.94	<=13	PASS
5	Low	QPSK	5.11	<=13	PASS
	Low	16QAM	5.72	<=13	PASS
	Mid	QPSK	5.39	<=13	PASS
	Mid	16QAM	5.99	<=13	PASS
	High	QPSK	4.59	<=13	PASS
	High	16QAM	5.26	<=13	PASS
10	Low	QPSK	5.25	<=13	PASS
	Low	16QAM	5.92	<=13	PASS
	Mid	QPSK	5.53	<=13	PASS
	Mid	16QAM	6.13	<=13	PASS
	High	QPSK	5.05	<=13	PASS
	High	16QAM	5.76	<=13	PASS
15	Low	QPSK	5.16	<=13	PASS
	Low	16QAM	5.89	<=13	PASS
	Mid	QPSK	5.38	<=13	PASS
	Mid	16QAM	5.95	<=13	PASS
	High	QPSK	4.82	<=13	PASS
	High	16QAM	5.60	<=13	PASS
20	Low	QPSK	5.33	<=13	PASS
	Low	16QAM	6.01	<=13	PASS
	Mid	QPSK	5.30	<=13	PASS
	Mid	16QAM	6.02	<=13	PASS
	High	QPSK	5.10	<=13	PASS
	High	16QAM	5.88	<=13	PASS

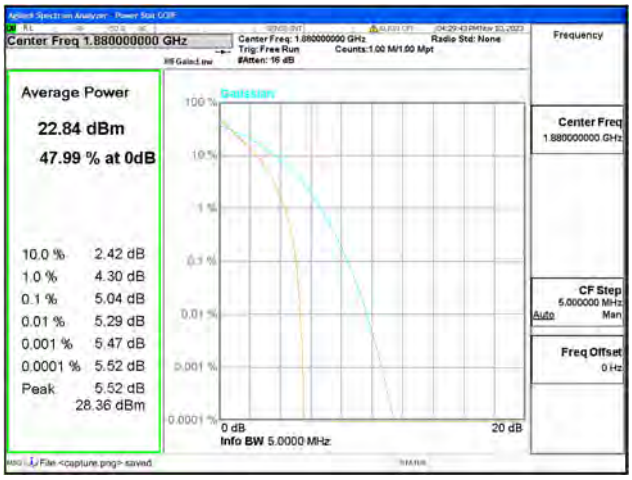
LTE Band 66					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
1.4	Low	QPSK	5.18	<=13	PASS
	Low	16QAM	6.01	<=13	PASS
	Mid	QPSK	5.05	<=13	PASS
	Mid	16QAM	5.92	<=13	PASS
	High	QPSK	4.47	<=13	PASS
	High	16QAM	5.22	<=13	PASS
3	Low	QPSK	5.27	<=13	PASS
	Low	16QAM	6.08	<=13	PASS
	Mid	QPSK	5.15	<=13	PASS
	Mid	16QAM	6.03	<=13	PASS
	High	QPSK	4.48	<=13	PASS
	High	16QAM	5.41	<=13	PASS
5	Low	QPSK	5.50	<=13	PASS
	Low	16QAM	6.12	<=13	PASS
	Mid	QPSK	5.42	<=13	PASS
	Mid	16QAM	6.03	<=13	PASS
	High	QPSK	4.93	<=13	PASS
	High	16QAM	5.65	<=13	PASS
10	Low	QPSK	5.53	<=13	PASS
	Low	16QAM	6.15	<=13	PASS
	Mid	QPSK	5.42	<=13	PASS
	Mid	16QAM	6.06	<=13	PASS
	High	QPSK	5.29	<=13	PASS
	High	16QAM	5.96	<=13	PASS
15	Low	QPSK	5.46	<=13	PASS
	Low	16QAM	6.09	<=13	PASS
	Mid	QPSK	5.24	<=13	PASS
	Mid	16QAM	5.93	<=13	PASS
	High	QPSK	5.00	<=13	PASS
	High	16QAM	5.76	<=13	PASS
20	Low	QPSK	5.49	<=13	PASS
	Low	16QAM	6.19	<=13	PASS
	Mid	QPSK	5.36	<=13	PASS
	Mid	16QAM	6.06	<=13	PASS
	High	QPSK	5.20	<=13	PASS
	High	16QAM	6.00	<=13	PASS



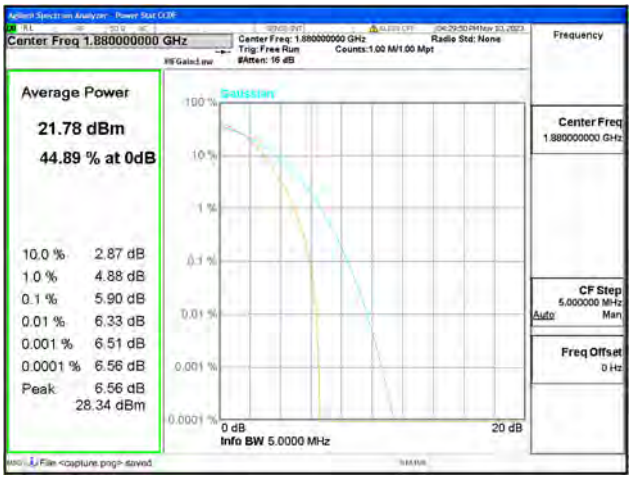
B2 / 1.4MHz / Low CH / QPSK



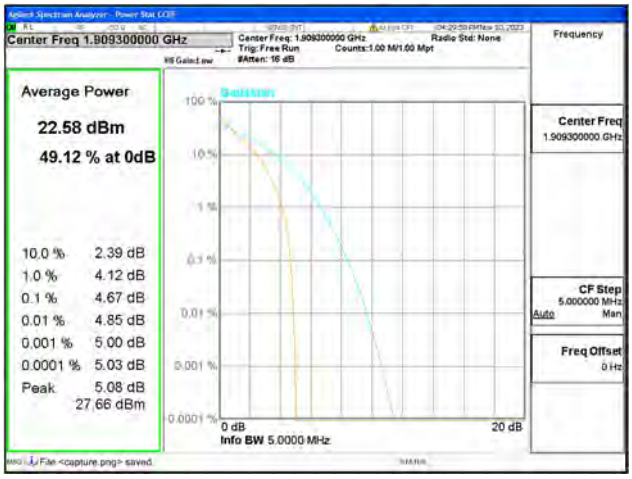
B2 / 1.4MHz / Low CH / 16QAM



B2 / 1.4MHz / Mid CH / QPSK

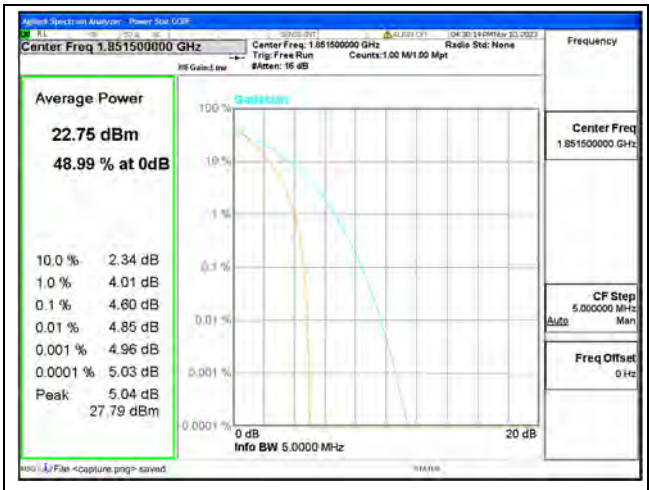


B2 / 1.4MHz / Mid CH / 16QAM

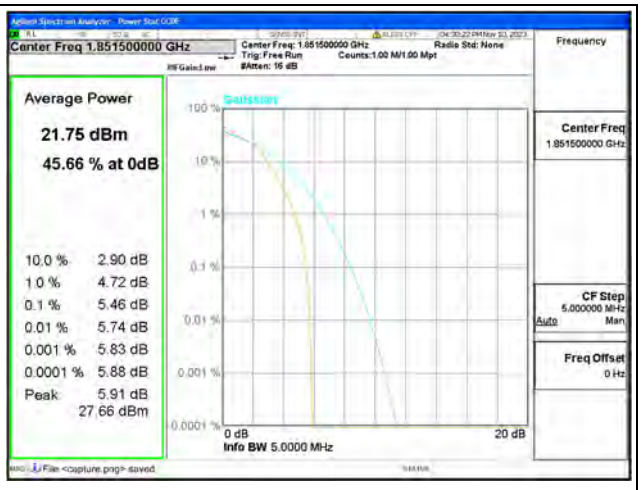


B2 / 1.4MHz / High CH / QPSK

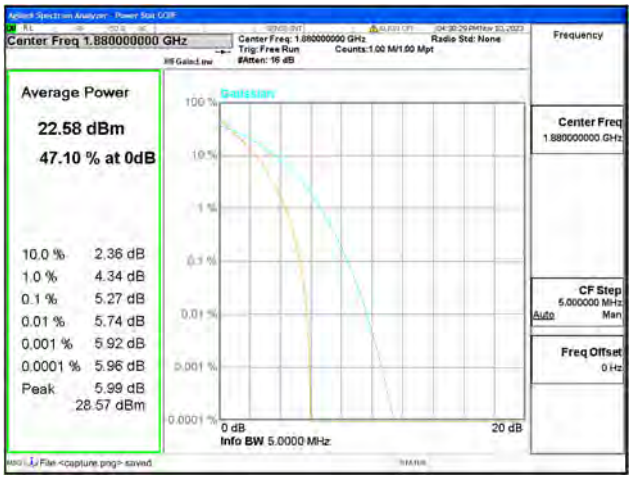
B2 / 1.4MHz / High CH / 16QAM



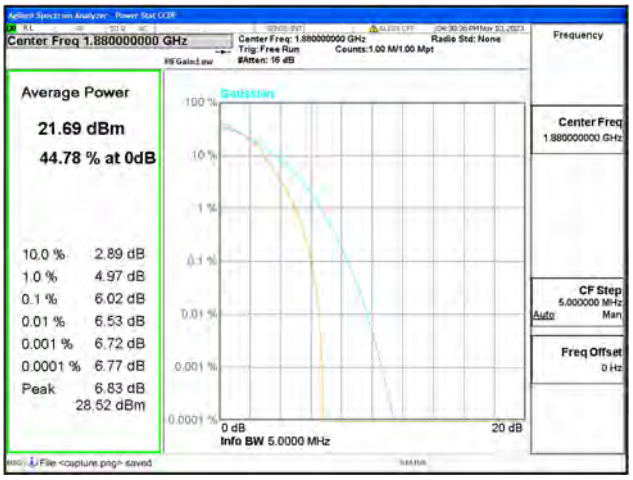
B2 / 3MHz / Low CH / QPSK



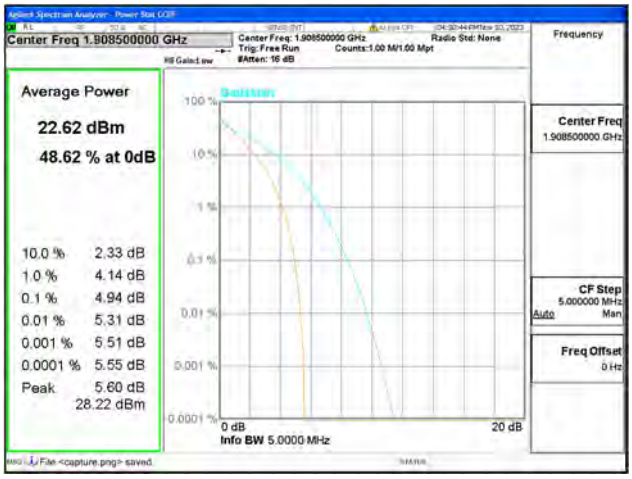
B2 / 3MHz / Low CH / 16QAM



B2 / 3MHz / Mid CH / QPSK

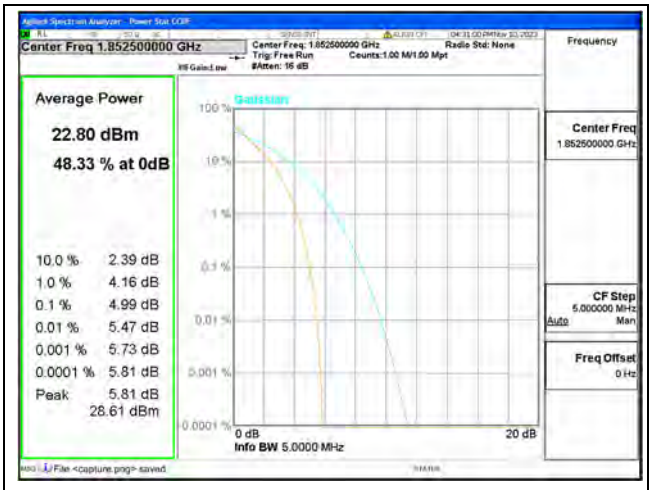


B2 / 3MHz / Mid CH / 16QAM

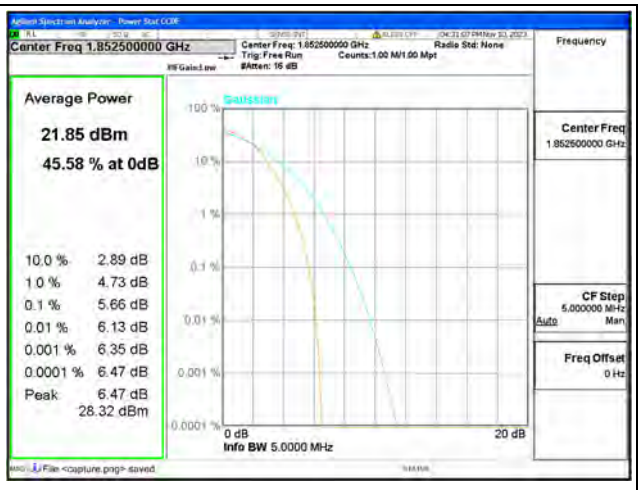


B2 / 3MHz / High CH / QPSK

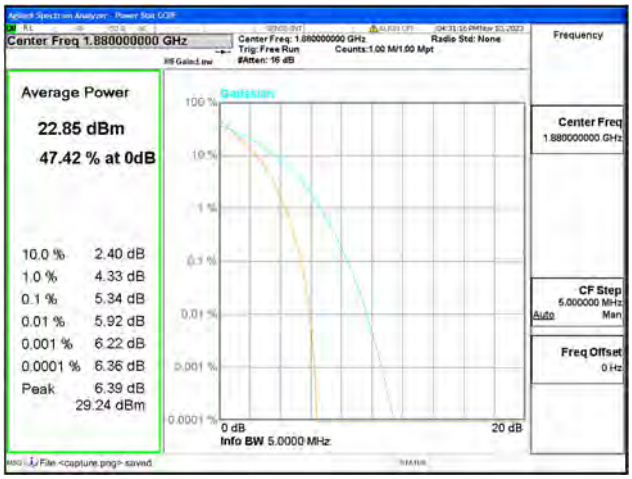
B2 / 3MHz / High CH / 16QAM



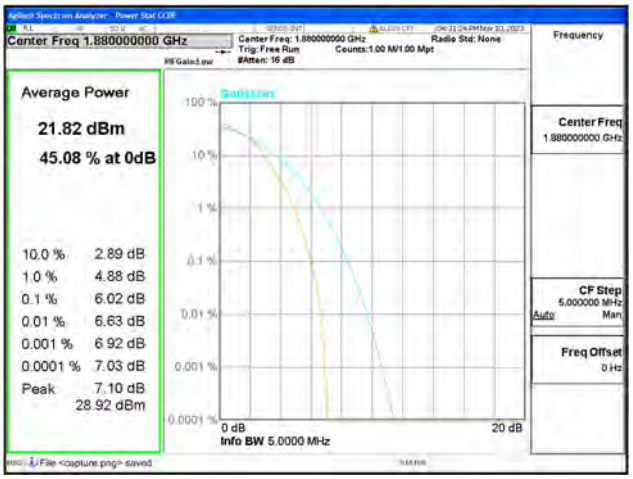
B2 / 5MHz / Low CH / QPSK



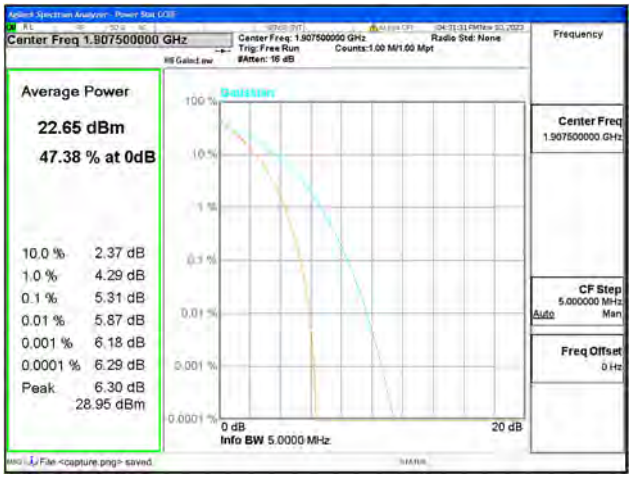
B2 / 5MHz / Low CH / 16QAM



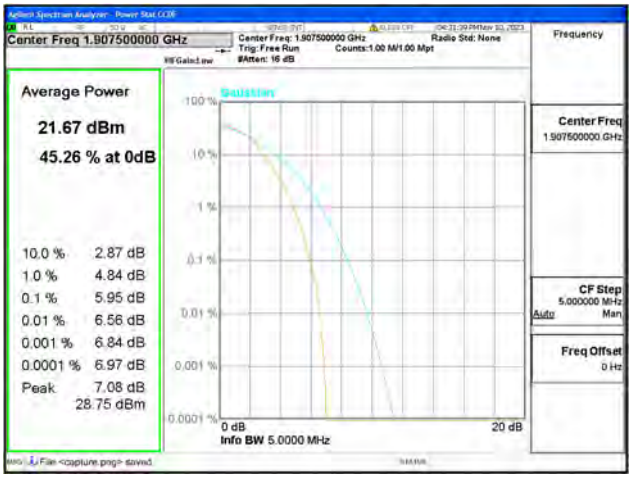
B2 / 5MHz / Mid CH / QPSK



B2 / 5MHz / Mid CH / 16QAM



B2 / 5MHz / High CH / QPSK



B2 / 5MHz / High CH / 16QAM