REPORT No.: SZ23080276W02

TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	G43
BRAND NAME	:	BLU
FCC ID	:	YHLBLUG43W
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	:	2023-09-11
TEST DATE	:	2023-09-15 to 2023-09-27
ISSUE DATE	:	2023-11-24

Edited by: Peng Mi (Rapporteur)

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2023-11-24	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.:	6#	
Hardware Version:	A582-MB-V0.2	
Software Version:	BLU_G0950_V13.0.G.03.02_GENERIC_18-10-2023_1054	
Modulation Type:	QPSK, 16QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
	LTE Band 71	Tx: 663MHz –698MHz
		Rx: 617MHz –652MHz

Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-0.45dBi
	LTE Band 4	-0.76dBi
	LTE Band 5	-1.81dBi
	LTE Band 7	-0.21dBi
	LTE Band 12	-1.86dBi
	LTE Band 17	-1.78dBi
	LTE Band 66	-0.76dBi
	LTE Band 71	-2.31dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C894851400L
	Serial No.:	N/A
	Capacity:	4000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Phenix New Energy(Huizhou) Co.,Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-TY-2000
	Serial No.:	N/A
	Rated Output:	5V⎓2000mA
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Shenzhen Tianyin Electronics CO.,LTD

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.252	0.202	18M0G7D	18M1W7D
15	0.249	0.198	13M5G7D	13M5W7D
10	0.244	0.197	9M03G7D	8M98W7D
5	0.246	0.198	4M51G7D	4M51W7D
3	0.248	0.197	2M72G7D	2M72W7D
1.4	0.245	0.197	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	0.206	0.159	18M0G7D	18M1W7D
15	0.201	0.155	13M5G7D	13M5W7D
10	0.205	0.158	9M05G7D	8M99W7D
5	0.201	0.156	4M50G7D	4M52W7D
3	0.201	0.155	2M72G7D	2M73W7D
1.4	0.199	0.158	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	0.105	0.079	9M02G7D	8M98W7D
5	0.101	0.077	4M50G7D	4M51W7D
3	0.103	0.077	2M72G7D	2M73W7D
1.4	0.103	0.076	1M10G7D	1M10W7D
LTE Band 7	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.136	0.112	18M0G7D	18M1W7D
15	0.135	0.110	13M5G7D	13M5W7D
10	0.132	0.109	9M01G7D	8M99W7D
5	0.133	0.110	4M50G7D	4M52W7D
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	0.079	9M03G7D	8M98W7D
5	0.096	0.075	4M50G7D	4M50W7D
3	0.096	0.076	2M72G7D	2M71W7D
1.4	0.097	0.076	1M09G7D	1M10W7D

LTE Band 17	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.099	0.075	9M01G7D	8M96W7D
5	0.097	0.071	4M50G7D	4M51W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.207	0.171	18M0G7D	18M0W7D
15	0.200	0.163	13M5G7D	13M5W7D
10	0.199	0.166	9M03G7D	8M99W7D
5	0.197	0.163	4M50G7D	4M52W7D
3	0.197	0.163	2M72G7D	2M72W7D
1.4	0.196	0.164	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	0.081	0.065	18M0G7D	18M1W7D
15	0.080	0.064	13M5G7D	13M5W7D
10	0.081	0.064	9M04G7D	8M99W7D
5	0.081	0.063	4M50G7D	4M50W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Sep. 18, 2023	Yu Zhizheng Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Sep. 18, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Sep. 18, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Sep. 18, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Sep. 18, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Sep. 18, 2023	Li Huaijie	PASS	No deviation

27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Sep. 27, 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 27 H&L&M&N Requirements

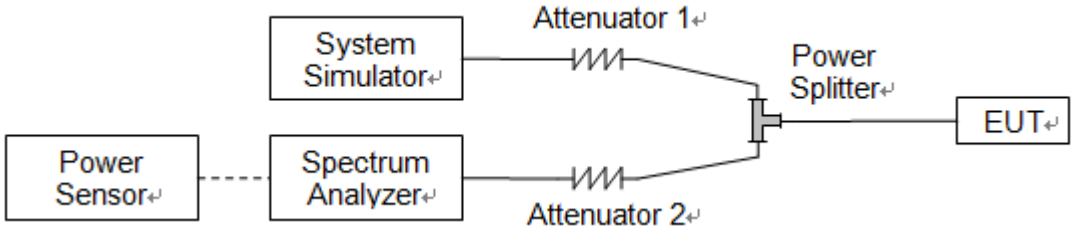
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.
According to FCC section22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
According to FCC section 27.50 (h)(2) for LTE Band 7, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.
According to FCC section 27.50 (c)(10) for LTE Band 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	24.39	24.46	24.45
20	QPSK	1	49	24.33	24.29	24.32
20	QPSK	1	99	24.24	24.15	24.08
20	QPSK	50	0	23.12	23.20	23.05
20	QPSK	50	24	23.10	23.08	22.99
20	QPSK	50	50	22.98	22.93	22.79
20	QPSK	100	0	22.83	22.89	22.74
20	16QAM	1	0	23.43	23.49	23.42
20	16QAM	1	49	23.45	23.50	23.43
20	16QAM	1	99	23.40	23.32	23.19
20	16QAM	50	0	22.24	22.60	22.28
20	16QAM	50	24	22.36	22.34	22.17
20	16QAM	50	50	22.21	22.34	22.18
20	16QAM	100	0	22.25	22.23	21.92

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	24.33	24.41	24.39
15	QPSK	1	37	24.17	24.09	24.19
15	QPSK	1	74	24.09	23.96	23.94
15	QPSK	36	0	22.93	22.97	22.98
15	QPSK	36	20	22.88	22.89	22.81
15	QPSK	36	39	22.83	22.84	22.61
15	QPSK	75	0	22.65	22.77	22.60
15	16QAM	1	0	23.25	23.42	23.26
15	16QAM	1	37	23.29	23.32	23.23
15	16QAM	1	74	23.19	23.12	22.99
15	16QAM	36	0	22.08	22.42	22.14
15	16QAM	36	20	22.17	22.13	22.01
15	16QAM	36	39	21.99	22.30	22.00
15	16QAM	75	0	22.04	22.14	21.76

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	24.23	24.33	24.31
10	QPSK	1	25	24.23	24.24	24.23
10	QPSK	1	49	24.21	23.93	23.94
10	QPSK	25	0	22.94	23.10	23.02
10	QPSK	25	12	22.91	22.95	22.93
10	QPSK	25	25	22.91	22.71	22.77
10	QPSK	50	0	22.71	22.75	22.62
10	16QAM	1	0	23.29	23.35	23.19
10	16QAM	1	25	23.22	23.39	23.29
10	16QAM	1	49	23.36	23.14	23.05
10	16QAM	25	0	22.12	22.45	22.16
10	16QAM	25	12	22.16	22.29	22.13
10	16QAM	25	25	22.15	22.11	22.06
10	16QAM	50	0	22.19	22.18	21.84

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				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	24.36	24.35	24.34
5	QPSK	1	12	24.18	24.15	24.16
5	QPSK	1	24	24.09	23.97	24.00
5	QPSK	12	0	22.95	23.03	23.01
5	QPSK	12	7	22.96	23.00	22.87
5	QPSK	12	13	22.91	22.76	22.58
5	QPSK	25	0	22.72	22.77	22.68
5	16QAM	1	0	23.22	23.39	23.39
5	16QAM	1	12	23.41	23.32	23.29
5	16QAM	1	24	23.37	23.18	22.98
5	16QAM	12	0	22.11	22.46	22.20
5	16QAM	12	7	22.27	22.12	22.15
5	16QAM	12	13	22.01	22.14	22.07
5	16QAM	25	0	22.06	21.99	21.69

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	24.35	24.39	24.38
3	QPSK	1	8	24.13	24.10	24.28
3	QPSK	1	14	24.07	24.06	23.91
3	QPSK	8	0	23.00	23.05	22.94
3	QPSK	8	4	23.03	23.01	22.96
3	QPSK	8	7	22.90	22.77	22.74
3	QPSK	15	0	22.66	22.67	22.53
3	16QAM	1	0	23.33	23.36	23.26
3	16QAM	1	8	23.38	23.30	23.40
3	16QAM	1	14	23.28	23.13	23.01
3	16QAM	8	0	22.02	22.42	22.13
3	16QAM	8	4	22.20	22.24	21.99
3	16QAM	8	7	22.10	22.18	22.15
3	16QAM	15	0	22.16	22.11	21.80

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	24.30	24.35	24.29
1.4	QPSK	1	3	24.24	24.22	24.23
1.4	QPSK	1	5	24.18	24.10	23.98
1.4	QPSK	3	0	23.08	23.25	23.07
1.4	QPSK	3	1	23.08	23.17	22.98
1.4	QPSK	3	3	22.98	23.03	22.84
1.4	QPSK	6	0	22.81	23.06	22.84
1.4	16QAM	1	0	23.20	23.29	23.39
1.4	16QAM	1	3	23.24	23.30	23.27
1.4	16QAM	1	5	23.29	23.28	23.06
1.4	16QAM	3	0	22.34	22.68	22.44
1.4	16QAM	3	1	22.40	22.35	22.31
1.4	16QAM	3	3	22.29	22.33	22.23
1.4	16QAM	6	0	22.19	22.16	21.99

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.75	23.89	23.85
20	QPSK	1	49	23.69	23.67	23.80
20	QPSK	1	99	23.46	23.55	23.64
20	QPSK	50	0	22.77	22.78	22.67
20	QPSK	50	24	22.66	22.48	22.69
20	QPSK	50	50	22.56	22.50	22.51
20	QPSK	100	0	22.41	22.57	22.44
20	16QAM	1	0	22.66	22.78	22.72
20	16QAM	1	49	22.62	22.73	22.63
20	16QAM	1	99	22.51	22.60	22.45
20	16QAM	50	0	21.78	21.65	21.44
20	16QAM	50	24	21.67	21.56	21.46
20	16QAM	50	50	21.74	21.50	21.40
20	16QAM	100	0	21.56	21.49	21.36

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.59	23.80	23.74
15	QPSK	1	37	23.47	23.43	23.69
15	QPSK	1	74	23.38	23.43	23.62
15	QPSK	36	0	22.55	22.61	22.57
15	QPSK	36	20	22.57	22.36	22.65
15	QPSK	36	39	22.39	22.27	22.31
15	QPSK	75	0	22.28	22.51	22.38
15	16QAM	1	0	22.58	22.65	22.50
15	16QAM	1	37	22.47	22.60	22.43
15	16QAM	1	74	22.30	22.43	22.43
15	16QAM	36	0	21.55	21.54	21.43
15	16QAM	36	20	21.59	21.33	21.44
15	16QAM	36	39	21.58	21.32	21.44
15	16QAM	75	0	21.43	21.35	21.23

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.58	23.87	23.75
10	QPSK	1	25	23.52	23.53	23.68
10	QPSK	1	49	23.44	23.40	23.40
10	QPSK	25	0	22.63	22.75	22.44
10	QPSK	25	12	22.43	22.33	22.58
10	QPSK	25	25	22.50	22.41	22.27
10	QPSK	50	0	22.26	22.36	22.36
10	16QAM	1	0	22.49	22.75	22.58
10	16QAM	1	25	22.46	22.63	22.57
10	16QAM	1	49	22.29	22.40	22.25
10	16QAM	25	0	21.65	21.43	21.49
10	16QAM	25	12	21.59	21.48	21.38
10	16QAM	25	25	21.60	21.44	21.35
10	16QAM	50	0	21.47	21.37	21.23

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.53	23.71	23.80
5	QPSK	1	12	23.56	23.48	23.57
5	QPSK	1	24	23.35	23.32	23.54
5	QPSK	12	0	22.68	22.68	22.61
5	QPSK	12	7	22.63	22.28	22.57
5	QPSK	12	13	22.38	22.41	22.40
5	QPSK	25	0	22.33	22.37	22.23
5	16QAM	1	0	22.48	22.68	22.53
5	16QAM	1	12	22.40	22.59	22.55
5	16QAM	1	24	22.30	22.47	22.36
5	16QAM	12	0	21.66	21.59	21.43
5	16QAM	12	7	21.59	21.42	21.35
5	16QAM	12	13	21.60	21.49	21.34
5	16QAM	25	0	21.33	21.27	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				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.57	23.67	23.79
3	QPSK	1	8	23.62	23.64	23.60
3	QPSK	1	14	23.44	23.31	23.53
3	QPSK	8	0	22.69	22.73	22.46
3	QPSK	8	4	22.60	22.30	22.51
3	QPSK	8	7	22.42	22.34	22.32
3	QPSK	15	0	22.33	22.35	22.38
3	16QAM	1	0	22.48	22.57	22.64
3	16QAM	1	8	22.55	22.67	22.60
3	16QAM	1	14	22.30	22.39	22.43
3	16QAM	8	0	21.70	21.45	21.36
3	16QAM	8	4	21.46	21.42	21.37
3	16QAM	8	7	21.50	21.40	21.41
3	16QAM	15	0	21.44	21.34	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				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.51	23.74	23.65
1.4	QPSK	1	3	23.55	23.64	23.75
1.4	QPSK	1	5	23.40	23.47	23.54
1.4	QPSK	3	0	22.87	22.74	22.71
1.4	QPSK	3	1	22.81	22.54	22.81
1.4	QPSK	3	3	22.72	22.55	22.57
1.4	QPSK	6	0	22.21	22.37	22.23
1.4	16QAM	1	0	22.52	22.75	22.70
1.4	16QAM	1	3	22.44	22.49	22.40
1.4	16QAM	1	5	22.42	22.54	22.26
1.4	16QAM	3	0	21.89	21.74	21.70
1.4	16QAM	3	1	21.78	21.60	21.60
1.4	16QAM	3	3	21.77	21.65	21.65
1.4	16QAM	6	0	21.35	21.19	21.04

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	24.08	24.19	24.09
10	QPSK	1	25	24.01	24.00	24.11
10	QPSK	1	49	23.88	23.78	23.90
10	QPSK	25	0	22.88	22.97	22.95
10	QPSK	25	12	22.75	22.97	22.78
10	QPSK	25	25	22.63	22.81	22.79
10	QPSK	50	0	22.65	22.69	22.63
10	16QAM	1	0	22.85	22.88	22.96
10	16QAM	1	25	22.74	22.83	22.92
10	16QAM	1	49	22.57	22.67	22.80
10	16QAM	25	0	21.87	21.60	21.59
10	16QAM	25	12	21.67	21.48	21.55
10	16QAM	25	25	21.52	21.40	21.63
10	16QAM	50	0	21.39	21.47	21.42

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.94	24.01	24.02
5	QPSK	1	12	23.99	23.86	23.98
5	QPSK	1	24	23.84	23.55	23.80
5	QPSK	12	0	22.79	22.79	22.77
5	QPSK	12	7	22.62	22.78	22.66
5	QPSK	12	13	22.50	22.77	22.64
5	QPSK	25	0	22.58	22.56	22.49
5	16QAM	1	0	22.71	22.82	22.77
5	16QAM	1	12	22.57	22.63	22.72
5	16QAM	1	24	22.49	22.62	22.61
5	16QAM	12	0	21.71	21.43	21.55
5	16QAM	12	7	21.47	21.29	21.31
5	16QAM	12	13	21.47	21.31	21.48
5	16QAM	25	0	21.17	21.28	21.28

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	23.95	23.98	24.07
3	QPSK	1	8	23.91	23.89	24.06
3	QPSK	1	14	23.80	23.64	23.74
3	QPSK	8	0	22.73	22.74	22.84
3	QPSK	8	4	22.52	22.92	22.67
3	QPSK	8	7	22.52	22.67	22.58
3	QPSK	15	0	22.42	22.66	22.53
3	16QAM	1	0	22.71	22.66	22.83
3	16QAM	1	8	22.51	22.72	22.74
3	16QAM	1	14	22.35	22.61	22.68
3	16QAM	8	0	21.66	21.53	21.54
3	16QAM	8	4	21.46	21.33	21.41
3	16QAM	8	7	21.47	21.23	21.55
3	16QAM	15	0	21.18	21.37	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	23.85	24.07	23.94
1.4	QPSK	1	3	23.87	23.86	24.04
1.4	QPSK	1	5	23.64	23.66	23.78
1.4	QPSK	3	0	23.21	23.14	23.23
1.4	QPSK	3	1	23.23	23.54	23.28
1.4	QPSK	3	3	23.04	23.18	23.24
1.4	QPSK	6	0	22.61	22.52	22.55
1.4	16QAM	1	0	22.63	22.66	22.78
1.4	16QAM	1	3	22.58	22.76	22.76
1.4	16QAM	1	5	22.54	22.52	22.64
1.4	16QAM	3	0	22.23	22.06	22.04
1.4	16QAM	3	1	22.10	22.18	22.05
1.4	16QAM	3	3	22.00	22.12	22.20
1.4	16QAM	6	0	21.38	21.54	21.51

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	21.49	21.54	21.52
20	QPSK	1	49	21.53	21.52	21.44
20	QPSK	1	99	21.33	21.32	21.49
20	QPSK	50	0	20.76	20.77	20.49
20	QPSK	50	24	20.67	20.62	20.52
20	QPSK	50	50	20.62	20.62	20.30
20	QPSK	100	0	20.42	20.43	20.37
20	16QAM	1	0	20.60	20.71	20.55
20	16QAM	1	49	20.44	20.65	20.45
20	16QAM	1	99	20.36	20.49	20.32
20	16QAM	50	0	19.71	19.70	19.66
20	16QAM	50	24	19.56	19.68	19.60
20	16QAM	50	50	19.50	19.55	19.51
20	16QAM	100	0	19.41	19.51	19.47

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	21.40	21.46	21.43
15	QPSK	1	37	21.47	21.50	21.21
15	QPSK	1	74	21.18	21.27	21.35
15	QPSK	36	0	20.54	20.55	20.31
15	QPSK	36	20	20.55	20.49	20.46
15	QPSK	36	39	20.55	20.38	20.08
15	QPSK	75	0	20.29	20.35	20.21
15	16QAM	1	0	20.41	20.64	20.33
15	16QAM	1	37	20.38	20.52	20.42
15	16QAM	1	74	20.33	20.41	20.28
15	16QAM	36	0	19.60	19.65	19.47
15	16QAM	36	20	19.36	19.65	19.52
15	16QAM	36	39	19.30	19.35	19.48
15	16QAM	75	0	19.27	19.37	19.39

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	21.41	21.37	21.34
10	QPSK	1	25	21.30	21.34	21.32
10	QPSK	1	49	21.10	21.25	21.35
10	QPSK	25	0	20.70	20.64	20.33
10	QPSK	25	12	20.44	20.47	20.33
10	QPSK	25	25	20.59	20.55	20.22
10	QPSK	50	0	20.24	20.39	20.23
10	16QAM	1	0	20.57	20.50	20.32
10	16QAM	1	25	20.30	20.47	20.35
10	16QAM	1	49	20.30	20.25	20.13
10	16QAM	25	0	19.48	19.56	19.47
10	16QAM	25	12	19.43	19.59	19.37
10	16QAM	25	25	19.32	19.52	19.46
10	16QAM	50	0	19.33	19.34	19.42

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	21.46	21.39	21.33
5	QPSK	1	12	21.44	21.37	21.31
5	QPSK	1	24	21.22	21.24	21.42
5	QPSK	12	0	20.66	20.71	20.27
5	QPSK	12	7	20.61	20.58	20.40
5	QPSK	12	13	20.59	20.40	20.23
5	QPSK	25	0	20.24	20.25	20.14
5	16QAM	1	0	20.50	20.61	20.33
5	16QAM	1	12	20.37	20.46	20.24
5	16QAM	1	24	20.18	20.41	20.24
5	16QAM	12	0	19.64	19.49	19.64
5	16QAM	12	7	19.54	19.65	19.39
5	16QAM	12	13	19.37	19.37	19.40
5	16QAM	25	0	19.26	19.42	19.40

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	23.93	23.96	23.91
10	QPSK	1	25	23.78	23.72	23.73
10	QPSK	1	49	23.55	23.69	23.67
10	QPSK	25	0	22.83	22.94	22.79
10	QPSK	25	12	22.54	22.72	22.77
10	QPSK	25	25	22.56	22.77	22.74
10	QPSK	50	0	22.69	22.73	22.65
10	16QAM	1	0	22.81	22.83	22.98
10	16QAM	1	25	22.69	22.71	22.85
10	16QAM	1	49	22.61	22.65	22.58
10	16QAM	25	0	21.46	21.54	21.15
10	16QAM	25	12	21.38	21.38	21.26
10	16QAM	25	25	21.24	21.31	21.15
10	16QAM	50	0	21.18	21.23	20.99

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	23.85	23.84	23.81
5	QPSK	1	12	23.66	23.53	23.58
5	QPSK	1	24	23.48	23.59	23.63
5	QPSK	12	0	22.64	22.90	22.76
5	QPSK	12	7	22.42	22.60	22.55
5	QPSK	12	13	22.53	22.71	22.59
5	QPSK	25	0	22.65	22.54	22.46
5	16QAM	1	0	22.77	22.78	22.78
5	16QAM	1	12	22.53	22.54	22.67
5	16QAM	1	24	22.49	22.60	22.35
5	16QAM	12	0	21.39	21.48	21.06
5	16QAM	12	7	21.32	21.31	21.17
5	16QAM	12	13	21.15	21.08	20.98
5	16QAM	25	0	20.99	21.15	20.88

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	23.74	23.84	23.68
3	QPSK	1	8	23.57	23.68	23.51
3	QPSK	1	14	23.41	23.49	23.51
3	QPSK	8	0	22.81	22.79	22.60
3	QPSK	8	4	22.34	22.57	22.73
3	QPSK	8	7	22.36	22.56	22.60
3	QPSK	15	0	22.55	22.70	22.53
3	16QAM	1	0	22.58	22.78	22.84
3	16QAM	1	8	22.55	22.59	22.78
3	16QAM	1	14	22.43	22.47	22.38
3	16QAM	8	0	21.23	21.36	21.01
3	16QAM	8	4	21.26	21.23	21.20
3	16QAM	8	7	21.16	21.20	21.11
3	16QAM	15	0	20.96	21.10	20.95

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.83	23.87	23.78
1.4	QPSK	1	3	23.74	23.59	23.54
1.4	QPSK	1	5	23.40	23.60	23.45
1.4	QPSK	3	0	22.70	22.83	22.62
1.4	QPSK	3	1	22.52	22.48	22.56
1.4	QPSK	3	3	22.37	22.54	22.64
1.4	QPSK	6	0	22.50	22.60	22.45
1.4	16QAM	1	0	22.60	22.79	22.80
1.4	16QAM	1	3	22.48	22.50	22.80
1.4	16QAM	1	5	22.57	22.46	22.53
1.4	16QAM	3	0	21.78	22.01	21.59
1.4	16QAM	3	1	21.84	21.86	21.73
1.4	16QAM	3	3	21.64	21.59	21.61
1.4	16QAM	6	0	21.06	21.04	20.92

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	23.66	23.89	23.76
10	QPSK	1	25	23.55	23.79	23.51
10	QPSK	1	49	23.41	23.64	23.45
10	QPSK	25	0	22.29	22.49	22.28
10	QPSK	25	12	22.24	22.29	22.24
10	QPSK	25	25	22.17	22.26	22.27
10	QPSK	50	0	22.14	22.17	22.05
10	16QAM	1	0	22.47	22.67	22.45
10	16QAM	1	25	22.40	22.60	22.33
10	16QAM	1	49	22.18	22.41	22.24
10	16QAM	25	0	21.61	21.47	21.39
10	16QAM	25	12	21.49	21.45	21.16
10	16QAM	25	25	21.55	21.24	21.30
10	16QAM	50	0	21.39	21.10	21.15

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	23.70	23.82	23.72
5	QPSK	1	12	23.67	23.63	23.35
5	QPSK	1	24	23.39	23.58	23.40
5	QPSK	12	0	22.18	22.47	22.15
5	QPSK	12	7	22.15	22.08	22.08
5	QPSK	12	13	21.99	22.19	22.05
5	QPSK	25	0	21.92	22.07	21.82
5	16QAM	1	0	22.33	22.44	22.23
5	16QAM	1	12	22.26	22.45	22.23
5	16QAM	1	24	21.99	22.23	22.05
5	16QAM	12	0	21.43	21.31	21.35
5	16QAM	12	7	21.42	21.31	21.10
5	16QAM	12	13	21.46	21.08	21.17
5	16QAM	25	0	21.31	20.92	20.96

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.86	23.91	23.88
20	QPSK	1	49	23.65	23.72	23.78
20	QPSK	1	99	23.57	23.53	23.71
20	QPSK	50	0	22.84	22.98	22.82
20	QPSK	50	24	22.57	22.83	22.86
20	QPSK	50	50	22.53	22.73	22.81
20	QPSK	100	0	22.54	22.66	22.60
20	16QAM	1	0	22.79	23.08	22.87
20	16QAM	1	49	22.85	22.88	22.77
20	16QAM	1	99	22.74	22.66	22.59
20	16QAM	50	0	22.08	21.88	21.92
20	16QAM	50	24	21.84	21.86	21.67
20	16QAM	50	50	21.90	21.74	21.60
20	16QAM	100	0	21.70	21.69	21.71

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	23.61	23.78	23.53
15	QPSK	1	37	23.47	23.53	23.61
15	QPSK	1	74	23.54	23.37	23.63
15	QPSK	36	0	22.68	22.77	22.75
15	QPSK	36	20	22.50	22.67	22.69
15	QPSK	36	39	22.32	22.56	22.76
15	QPSK	75	0	22.39	22.44	22.50
15	16QAM	1	0	22.61	22.89	22.75
15	16QAM	1	37	22.76	22.65	22.73
15	16QAM	1	74	22.57	22.50	22.49
15	16QAM	36	0	21.96	21.68	21.70
15	16QAM	36	20	21.67	21.67	21.52
15	16QAM	36	39	21.77	21.66	21.50
15	16QAM	75	0	21.62	21.52	21.62

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	23.69	23.61	23.67
10	QPSK	1	25	23.49	23.58	23.75
10	QPSK	1	49	23.43	23.43	23.55
10	QPSK	25	0	22.68	22.82	22.67
10	QPSK	25	12	22.39	22.71	22.66
10	QPSK	25	25	22.40	22.50	22.67
10	QPSK	50	0	22.37	22.53	22.43
10	16QAM	1	0	22.57	22.97	22.80
10	16QAM	1	25	22.76	22.78	22.65
10	16QAM	1	49	22.54	22.52	22.53
10	16QAM	25	0	21.92	21.66	21.69
10	16QAM	25	12	21.75	21.63	21.51
10	16QAM	25	25	21.71	21.66	21.52
10	16QAM	50	0	21.51	21.47	21.48

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.71	23.65	23.50
5	QPSK	1	12	23.44	23.67	23.57
5	QPSK	1	24	23.47	23.39	23.67
5	QPSK	12	0	22.74	22.76	22.71
5	QPSK	12	7	22.48	22.76	22.79
5	QPSK	12	13	22.37	22.52	22.77
5	QPSK	25	0	22.31	22.48	22.42
5	16QAM	1	0	22.71	22.87	22.67
5	16QAM	1	12	22.81	22.69	22.65
5	16QAM	1	24	22.72	22.42	22.43
5	16QAM	12	0	21.90	21.75	21.90
5	16QAM	12	7	21.81	21.81	21.57
5	16QAM	12	13	21.83	21.59	21.45
5	16QAM	25	0	21.52	21.52	21.62

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	23.53	23.70	23.69
3	QPSK	1	8	23.45	23.61	23.57
3	QPSK	1	14	23.49	23.49	23.67
3	QPSK	8	0	22.65	22.87	22.64
3	QPSK	8	4	22.36	22.68	22.76
3	QPSK	8	7	22.34	22.69	22.58
3	QPSK	15	0	22.50	22.48	22.46
3	16QAM	1	0	22.73	22.87	22.66
3	16QAM	1	8	22.83	22.64	22.71
3	16QAM	1	14	22.59	22.62	22.46
3	16QAM	8	0	21.96	21.64	21.87
3	16QAM	8	4	21.67	21.63	21.50
3	16QAM	8	7	21.82	21.50	21.51
3	16QAM	15	0	21.62	21.63	21.62

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	23.55	23.63	23.50
1.4	QPSK	1	3	23.42	23.64	23.68
1.4	QPSK	1	5	23.33	23.29	23.59
1.4	QPSK	3	0	22.61	22.79	22.67
1.4	QPSK	3	1	22.69	22.64	22.65
1.4	QPSK	3	3	22.53	22.63	22.70
1.4	QPSK	6	0	22.37	22.64	22.38
1.4	16QAM	1	0	22.67	22.91	22.74
1.4	16QAM	1	3	22.65	22.77	22.69
1.4	16QAM	1	5	22.60	22.54	22.48
1.4	16QAM	3	0	21.89	21.83	21.76
1.4	16QAM	3	1	21.75	21.77	21.50
1.4	16QAM	3	3	21.69	21.59	21.55
1.4	16QAM	6	0	21.50	21.63	21.56

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	23.55	23.57	23.56
20	QPSK	1	49	23.52	23.47	23.40
20	QPSK	1	99	23.45	23.27	23.33
20	QPSK	50	0	22.58	22.66	22.46
20	QPSK	50	24	22.53	22.51	22.40
20	QPSK	50	50	22.48	22.43	22.36
20	QPSK	100	0	22.41	22.38	22.21
20	16QAM	1	0	22.61	22.60	22.52
20	16QAM	1	49	22.53	22.55	22.39
20	16QAM	1	99	22.40	22.52	22.23
20	16QAM	50	0	21.30	21.39	21.33
20	16QAM	50	24	21.19	21.36	21.28
20	16QAM	50	50	21.14	21.23	21.26
20	16QAM	100	0	21.09	21.13	21.21

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	23.35	23.51	23.51
15	QPSK	1	37	23.45	23.35	23.19
15	QPSK	1	74	23.40	23.25	23.16
15	QPSK	36	0	22.38	22.55	22.29
15	QPSK	36	20	22.33	22.28	22.32
15	QPSK	36	39	22.40	22.20	22.18
15	QPSK	75	0	22.21	22.16	22.04
15	16QAM	1	0	22.41	22.44	22.31
15	16QAM	1	37	22.32	22.50	22.19
15	16QAM	1	74	22.17	22.28	22.04
15	16QAM	36	0	21.28	21.26	21.29
15	16QAM	36	20	21.10	21.23	21.15
15	16QAM	36	39	21.07	21.00	21.22
15	16QAM	75	0	20.92	20.89	21.02

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	23.31	23.52	23.46
10	QPSK	1	25	23.43	23.37	23.25
10	QPSK	1	49	23.30	23.06	23.26
10	QPSK	25	0	22.36	22.42	22.34
10	QPSK	25	12	22.32	22.49	22.35
10	QPSK	25	25	22.29	22.37	22.34
10	QPSK	50	0	22.22	22.27	22.03
10	16QAM	1	0	22.51	22.48	22.35
10	16QAM	1	25	22.49	22.49	22.24
10	16QAM	1	49	22.25	22.28	22.07
10	16QAM	25	0	21.23	21.30	21.18
10	16QAM	25	12	21.10	21.31	21.04
10	16QAM	25	25	20.98	21.01	21.13
10	16QAM	50	0	21.06	21.07	21.05

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	23.43	23.49	23.53
5	QPSK	1	12	23.39	23.44	23.26
5	QPSK	1	24	23.33	23.04	23.18
5	QPSK	12	0	22.47	22.60	22.29
5	QPSK	12	7	22.39	22.29	22.35
5	QPSK	12	13	22.43	22.26	22.33
5	QPSK	25	0	22.19	22.28	22.01
5	16QAM	1	0	22.47	22.41	22.30
5	16QAM	1	12	22.37	22.37	22.20
5	16QAM	1	24	22.18	22.35	22.04
5	16QAM	12	0	21.19	21.26	21.30
5	16QAM	12	7	20.96	21.22	21.18
5	16QAM	12	13	21.05	21.16	21.11
5	16QAM	25	0	20.93	20.90	21.15

Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.94	0.248	24.01	0.252	24.00	0.251
20	QPSK	1	49	23.88	0.244	23.84	0.242	23.87	0.244
20	QPSK	1	99	23.79	0.239	23.70	0.234	23.63	0.231
20	QPSK	50	0	22.67	0.185	22.75	0.188	22.60	0.182
20	QPSK	50	24	22.65	0.184	22.63	0.183	22.54	0.179
20	QPSK	50	50	22.53	0.179	22.48	0.177	22.34	0.171
20	QPSK	100	0	22.38	0.173	22.44	0.175	22.29	0.169
20	16QAM	1	0	22.98	0.199	23.04	0.201	22.97	0.198
20	16QAM	1	49	23.00	0.200	23.05	0.202	22.98	0.199
20	16QAM	1	99	22.95	0.197	22.87	0.194	22.74	0.188
20	16QAM	50	0	21.79	0.151	22.15	0.164	21.83	0.152
20	16QAM	50	24	21.91	0.155	21.89	0.155	21.72	0.149
20	16QAM	50	50	21.76	0.150	21.89	0.155	21.73	0.149
20	16QAM	100	0	21.80	0.151	21.78	0.151	21.47	0.140

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.88	0.244	23.96	0.249	23.94	0.248
15	QPSK	1	37	23.72	0.236	23.64	0.231	23.74	0.237
15	QPSK	1	74	23.64	0.231	23.51	0.224	23.49	0.223
15	QPSK	36	0	22.48	0.177	22.52	0.179	22.53	0.179
15	QPSK	36	20	22.43	0.175	22.44	0.175	22.36	0.172
15	QPSK	36	39	22.38	0.173	22.39	0.173	22.16	0.164
15	QPSK	75	0	22.20	0.166	22.32	0.171	22.15	0.164
15	16QAM	1	0	22.80	0.191	22.97	0.198	22.81	0.191
15	16QAM	1	37	22.84	0.192	22.87	0.194	22.78	0.190
15	16QAM	1	74	22.74	0.188	22.67	0.185	22.54	0.179
15	16QAM	36	0	21.63	0.146	21.97	0.157	21.69	0.148
15	16QAM	36	20	21.72	0.149	21.68	0.147	21.56	0.143
15	16QAM	36	39	21.54	0.143	21.85	0.153	21.55	0.143
15	16QAM	75	0	21.59	0.144	21.69	0.148	21.31	0.135

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.78	0.239	23.88	0.244	23.86	0.243
10	QPSK	1	25	23.78	0.239	23.79	0.239	23.78	0.239
10	QPSK	1	49	23.76	0.238	23.48	0.223	23.49	0.223
10	QPSK	25	0	22.49	0.177	22.65	0.184	22.57	0.181
10	QPSK	25	12	22.46	0.176	22.50	0.178	22.48	0.177
10	QPSK	25	25	22.46	0.176	22.26	0.168	22.32	0.171
10	QPSK	50	0	22.26	0.168	22.30	0.170	22.17	0.165
10	16QAM	1	0	22.84	0.192	22.90	0.195	22.74	0.188
10	16QAM	1	25	22.77	0.189	22.94	0.197	22.84	0.192
10	16QAM	1	49	22.91	0.195	22.69	0.186	22.60	0.182
10	16QAM	25	0	21.67	0.147	22.00	0.158	21.71	0.148
10	16QAM	25	12	21.71	0.148	21.84	0.153	21.68	0.147
10	16QAM	25	25	21.70	0.148	21.66	0.147	21.61	0.145
10	16QAM	50	0	21.74	0.149	21.73	0.149	21.39	0.138

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.91	0.246	23.90	0.245	23.89	0.245
5	QPSK	1	12	23.73	0.236	23.70	0.234	23.71	0.235
5	QPSK	1	24	23.64	0.231	23.52	0.225	23.55	0.226
5	QPSK	12	0	22.50	0.178	22.58	0.181	22.56	0.180
5	QPSK	12	7	22.51	0.178	22.55	0.180	22.42	0.175
5	QPSK	12	13	22.46	0.176	22.31	0.170	22.13	0.163
5	QPSK	25	0	22.27	0.169	22.32	0.171	22.23	0.167
5	16QAM	1	0	22.77	0.189	22.94	0.197	22.94	0.197
5	16QAM	1	12	22.96	0.198	22.87	0.194	22.84	0.192
5	16QAM	1	24	22.92	0.196	22.73	0.187	22.53	0.179
5	16QAM	12	0	21.66	0.147	22.01	0.159	21.75	0.150
5	16QAM	12	7	21.82	0.152	21.67	0.147	21.70	0.148
5	16QAM	12	13	21.56	0.143	21.69	0.148	21.62	0.145
5	16QAM	25	0	21.61	0.145	21.54	0.143	21.24	0.133

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.90	0.245	23.94	0.248	23.93	0.247
3	QPSK	1	8	23.68	0.233	23.65	0.232	23.83	0.242
3	QPSK	1	14	23.62	0.230	23.61	0.230	23.46	0.222
3	QPSK	8	0	22.55	0.180	22.60	0.182	22.49	0.177
3	QPSK	8	4	22.58	0.181	22.56	0.180	22.51	0.178
3	QPSK	8	7	22.45	0.176	22.32	0.171	22.29	0.169
3	QPSK	15	0	22.21	0.166	22.22	0.167	22.08	0.161
3	16QAM	1	0	22.88	0.194	22.91	0.195	22.81	0.191
3	16QAM	1	8	22.93	0.196	22.85	0.193	22.95	0.197
3	16QAM	1	14	22.83	0.192	22.68	0.185	22.56	0.180
3	16QAM	8	0	21.57	0.144	21.97	0.157	21.68	0.147
3	16QAM	8	4	21.75	0.150	21.79	0.151	21.54	0.143
3	16QAM	8	7	21.65	0.146	21.73	0.149	21.70	0.148
3	16QAM	15	0	21.71	0.148	21.66	0.147	21.35	0.136

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.85	0.243	23.90	0.245	23.84	0.242
1.4	QPSK	1	3	23.79	0.239	23.77	0.238	23.78	0.239
1.4	QPSK	1	5	23.73	0.236	23.65	0.232	23.53	0.225
1.4	QPSK	3	0	22.63	0.183	22.80	0.191	22.62	0.183
1.4	QPSK	3	1	22.63	0.183	22.72	0.187	22.53	0.179
1.4	QPSK	3	3	22.53	0.179	22.58	0.181	22.39	0.173
1.4	QPSK	6	0	22.36	0.172	22.61	0.182	22.39	0.173
1.4	16QAM	1	0	22.75	0.188	22.84	0.192	22.94	0.197
1.4	16QAM	1	3	22.79	0.190	22.85	0.193	22.82	0.191
1.4	16QAM	1	5	22.84	0.192	22.83	0.192	22.61	0.182
1.4	16QAM	3	0	21.89	0.155	22.23	0.167	21.99	0.158
1.4	16QAM	3	1	21.95	0.157	21.90	0.155	21.86	0.153
1.4	16QAM	3	3	21.84	0.153	21.88	0.154	21.78	0.151
1.4	16QAM	6	0	21.74	0.149	21.71	0.148	21.54	0.143

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.99	0.199	23.13	0.206	23.09	0.204
20	QPSK	1	49	22.93	0.196	22.91	0.195	23.04	0.201
20	QPSK	1	99	22.70	0.186	22.79	0.190	22.88	0.194
20	QPSK	50	0	22.01	0.159	22.02	0.159	21.91	0.155
20	QPSK	50	24	21.90	0.155	21.72	0.149	21.93	0.156
20	QPSK	50	50	21.80	0.151	21.74	0.149	21.75	0.150
20	QPSK	100	0	21.65	0.146	21.81	0.152	21.68	0.147
20	16QAM	1	0	21.90	0.155	22.02	0.159	21.96	0.157
20	16QAM	1	49	21.86	0.153	21.97	0.157	21.87	0.154
20	16QAM	1	99	21.75	0.150	21.84	0.153	21.69	0.148
20	16QAM	50	0	21.02	0.126	20.89	0.123	20.68	0.117
20	16QAM	50	24	20.91	0.123	20.80	0.120	20.70	0.117
20	16QAM	50	50	20.98	0.125	20.74	0.119	20.64	0.116
20	16QAM	100	0	20.80	0.120	20.73	0.118	20.60	0.115

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.83	0.192	23.04	0.201	22.98	0.199
15	QPSK	1	37	22.71	0.187	22.67	0.185	22.93	0.196
15	QPSK	1	74	22.62	0.183	22.67	0.185	22.86	0.193
15	QPSK	36	0	21.79	0.151	21.85	0.153	21.81	0.152
15	QPSK	36	20	21.81	0.152	21.60	0.145	21.89	0.155
15	QPSK	36	39	21.63	0.146	21.51	0.142	21.55	0.143
15	QPSK	75	0	21.52	0.142	21.75	0.150	21.62	0.145
15	16QAM	1	0	21.82	0.152	21.89	0.155	21.74	0.149
15	16QAM	1	37	21.71	0.148	21.84	0.153	21.67	0.147
15	16QAM	1	74	21.54	0.143	21.67	0.147	21.67	0.147
15	16QAM	36	0	20.79	0.120	20.78	0.120	20.67	0.117
15	16QAM	36	20	20.83	0.121	20.57	0.114	20.68	0.117
15	16QAM	36	39	20.82	0.121	20.56	0.114	20.68	0.117
15	16QAM	75	0	20.67	0.117	20.59	0.115	20.47	0.111

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.82	0.191	23.11	0.205	22.99	0.199
10	QPSK	1	25	22.76	0.189	22.77	0.189	22.92	0.196
10	QPSK	1	49	22.68	0.185	22.64	0.184	22.64	0.184
10	QPSK	25	0	21.87	0.154	21.99	0.158	21.68	0.147
10	QPSK	25	12	21.67	0.147	21.57	0.144	21.82	0.152
10	QPSK	25	25	21.74	0.149	21.65	0.146	21.51	0.142
10	QPSK	50	0	21.50	0.141	21.60	0.145	21.60	0.145
10	16QAM	1	0	21.73	0.149	21.99	0.158	21.82	0.152
10	16QAM	1	25	21.70	0.148	21.87	0.154	21.81	0.152
10	16QAM	1	49	21.53	0.142	21.64	0.146	21.49	0.141
10	16QAM	25	0	20.89	0.123	20.67	0.117	20.73	0.118
10	16QAM	25	12	20.83	0.121	20.72	0.118	20.62	0.115
10	16QAM	25	25	20.84	0.121	20.68	0.117	20.59	0.115
10	16QAM	50	0	20.71	0.118	20.61	0.115	20.47	0.111

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.77	0.189	22.95	0.197	23.04	0.201
5	QPSK	1	12	22.80	0.191	22.72	0.187	22.81	0.191
5	QPSK	1	24	22.59	0.182	22.56	0.180	22.78	0.190
5	QPSK	12	0	21.92	0.156	21.92	0.156	21.85	0.153
5	QPSK	12	7	21.87	0.154	21.52	0.142	21.81	0.152
5	QPSK	12	13	21.62	0.145	21.65	0.146	21.64	0.146
5	QPSK	25	0	21.57	0.144	21.61	0.145	21.47	0.140
5	16QAM	1	0	21.72	0.149	21.92	0.156	21.77	0.150
5	16QAM	1	12	21.64	0.146	21.83	0.152	21.79	0.151
5	16QAM	1	24	21.54	0.143	21.71	0.148	21.60	0.145
5	16QAM	12	0	20.90	0.123	20.83	0.121	20.67	0.117
5	16QAM	12	7	20.83	0.121	20.66	0.116	20.59	0.115
5	16QAM	12	13	20.84	0.121	20.73	0.118	20.58	0.114
5	16QAM	25	0	20.57	0.114	20.51	0.112	20.58	0.114

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.81	0.191	22.91	0.195	23.03	0.201
3	QPSK	1	8	22.86	0.193	22.88	0.194	22.84	0.192
3	QPSK	1	14	22.68	0.185	22.55	0.180	22.77	0.189
3	QPSK	8	0	21.93	0.156	21.97	0.157	21.70	0.148
3	QPSK	8	4	21.84	0.153	21.54	0.143	21.75	0.150
3	QPSK	8	7	21.66	0.147	21.58	0.144	21.56	0.143
3	QPSK	15	0	21.57	0.144	21.59	0.144	21.62	0.145
3	16QAM	1	0	21.72	0.149	21.81	0.152	21.88	0.154
3	16QAM	1	8	21.79	0.151	21.91	0.155	21.84	0.153
3	16QAM	1	14	21.54	0.143	21.63	0.146	21.67	0.147
3	16QAM	8	0	20.94	0.124	20.69	0.117	20.60	0.115
3	16QAM	8	4	20.70	0.117	20.66	0.116	20.61	0.115
3	16QAM	8	7	20.74	0.119	20.64	0.116	20.65	0.116
3	16QAM	15	0	20.68	0.117	20.58	0.114	20.48	0.112

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.75	0.188	22.98	0.199	22.89	0.195
1.4	QPSK	1	3	22.79	0.190	22.88	0.194	22.99	0.199
1.4	QPSK	1	5	22.64	0.184	22.71	0.187	22.78	0.190
1.4	QPSK	3	0	22.11	0.163	21.98	0.158	21.95	0.157
1.4	QPSK	3	1	22.05	0.160	21.78	0.151	22.05	0.160
1.4	QPSK	3	3	21.96	0.157	21.79	0.151	21.81	0.152
1.4	QPSK	6	0	21.45	0.140	21.61	0.145	21.47	0.140
1.4	16QAM	1	0	21.76	0.150	21.99	0.158	21.94	0.156
1.4	16QAM	1	3	21.68	0.147	21.73	0.149	21.64	0.146
1.4	16QAM	1	5	21.66	0.147	21.78	0.151	21.50	0.141
1.4	16QAM	3	0	21.13	0.130	20.98	0.125	20.94	0.124
1.4	16QAM	3	1	21.02	0.126	20.84	0.121	20.84	0.121
1.4	16QAM	3	3	21.01	0.126	20.89	0.123	20.89	0.123
1.4	16QAM	6	0	20.59	0.115	20.43	0.110	20.28	0.107

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.12	0.103	20.23	0.105	20.13	0.103
10	QPSK	1	25	20.05	0.101	20.04	0.101	20.15	0.104
10	QPSK	1	49	19.92	0.098	19.82	0.096	19.94	0.099
10	QPSK	25	0	18.92	0.078	19.01	0.080	18.99	0.079
10	QPSK	25	12	18.79	0.076	19.01	0.080	18.82	0.076
10	QPSK	25	25	18.67	0.074	18.85	0.077	18.83	0.076
10	QPSK	50	0	18.69	0.074	18.73	0.075	18.67	0.074
10	16QAM	1	0	18.89	0.077	18.92	0.078	19.00	0.079
10	16QAM	1	25	18.78	0.076	18.87	0.077	18.96	0.079
10	16QAM	1	49	18.61	0.073	18.71	0.074	18.84	0.077
10	16QAM	25	0	17.91	0.062	17.64	0.058	17.63	0.058
10	16QAM	25	12	17.71	0.059	17.52	0.056	17.59	0.057
10	16QAM	25	25	17.56	0.057	17.44	0.055	17.67	0.058
10	16QAM	50	0	17.43	0.055	17.51	0.056	17.46	0.056

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.98	0.100	20.05	0.101	20.06	0.101
5	QPSK	1	12	20.03	0.101	19.90	0.098	20.02	0.100
5	QPSK	1	24	19.88	0.097	19.59	0.091	19.84	0.096
5	QPSK	12	0	18.83	0.076	18.83	0.076	18.81	0.076
5	QPSK	12	7	18.66	0.073	18.82	0.076	18.70	0.074
5	QPSK	12	13	18.54	0.071	18.81	0.076	18.68	0.074
5	QPSK	25	0	18.62	0.073	18.60	0.072	18.53	0.071
5	16QAM	1	0	18.75	0.075	18.86	0.077	18.81	0.076
5	16QAM	1	12	18.61	0.073	18.67	0.074	18.76	0.075
5	16QAM	1	24	18.53	0.071	18.66	0.073	18.65	0.073
5	16QAM	12	0	17.75	0.060	17.47	0.056	17.59	0.057
5	16QAM	12	7	17.51	0.056	17.33	0.054	17.35	0.054
5	16QAM	12	13	17.51	0.056	17.35	0.054	17.52	0.056
5	16QAM	25	0	17.21	0.053	17.32	0.054	17.32	0.054

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	19.99	0.100	20.02	0.100	20.11	0.103
3	QPSK	1	8	19.95	0.099	19.93	0.098	20.10	0.102
3	QPSK	1	14	19.84	0.096	19.68	0.093	19.78	0.095
3	QPSK	8	0	18.77	0.075	18.78	0.076	18.88	0.077
3	QPSK	8	4	18.56	0.072	18.96	0.079	18.71	0.074
3	QPSK	8	7	18.56	0.072	18.71	0.074	18.62	0.073
3	QPSK	15	0	18.46	0.070	18.70	0.074	18.57	0.072
3	16QAM	1	0	18.75	0.075	18.70	0.074	18.87	0.077
3	16QAM	1	8	18.55	0.072	18.76	0.075	18.78	0.076
3	16QAM	1	14	18.39	0.069	18.65	0.073	18.72	0.074
3	16QAM	8	0	17.70	0.059	17.57	0.057	17.58	0.057
3	16QAM	8	4	17.50	0.056	17.37	0.055	17.45	0.056
3	16QAM	8	7	17.51	0.056	17.27	0.053	17.59	0.057
3	16QAM	15	0	17.22	0.053	17.41	0.055	17.35	0.054

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	19.89	0.097	20.11	0.103	19.98	0.100
1.4	QPSK	1	3	19.91	0.098	19.90	0.098	20.08	0.102
1.4	QPSK	1	5	19.68	0.093	19.70	0.093	19.82	0.096
1.4	QPSK	3	0	19.25	0.084	19.18	0.083	19.27	0.085
1.4	QPSK	3	1	19.27	0.085	19.58	0.091	19.32	0.086
1.4	QPSK	3	3	19.08	0.081	19.22	0.084	19.28	0.085
1.4	QPSK	6	0	18.65	0.073	18.56	0.072	18.59	0.072
1.4	16QAM	1	0	18.67	0.074	18.70	0.074	18.82	0.076
1.4	16QAM	1	3	18.62	0.073	18.80	0.076	18.80	0.076
1.4	16QAM	1	5	18.58	0.072	18.56	0.072	18.68	0.074
1.4	16QAM	3	0	18.27	0.067	18.10	0.065	18.08	0.064
1.4	16QAM	3	1	18.14	0.065	18.22	0.066	18.09	0.064
1.4	16QAM	3	3	18.04	0.064	18.16	0.065	18.24	0.067
1.4	16QAM	6	0	17.42	0.055	17.58	0.057	17.55	0.057

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.28	0.134	21.33	0.136	21.31	0.135
20	QPSK	1	49	21.32	0.136	21.31	0.135	21.23	0.133
20	QPSK	1	99	21.12	0.129	21.11	0.129	21.28	0.134
20	QPSK	50	0	20.55	0.114	20.56	0.114	20.28	0.107
20	QPSK	50	24	20.46	0.111	20.41	0.110	20.31	0.107
20	QPSK	50	50	20.41	0.110	20.41	0.110	20.09	0.102
20	QPSK	100	0	20.21	0.105	20.22	0.105	20.16	0.104
20	16QAM	1	0	20.39	0.109	20.50	0.112	20.34	0.108
20	16QAM	1	49	20.23	0.105	20.44	0.111	20.24	0.106
20	16QAM	1	99	20.15	0.104	20.28	0.107	20.11	0.103
20	16QAM	50	0	19.50	0.089	19.49	0.089	19.45	0.088
20	16QAM	50	24	19.35	0.086	19.47	0.089	19.39	0.087
20	16QAM	50	50	19.29	0.085	19.34	0.086	19.30	0.085
20	16QAM	100	0	19.20	0.083	19.30	0.085	19.26	0.084

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.19	0.132	21.25	0.133	21.22	0.132
15	QPSK	1	37	21.26	0.134	21.29	0.135	21.00	0.126
15	QPSK	1	74	20.97	0.125	21.06	0.128	21.14	0.130
15	QPSK	36	0	20.33	0.108	20.34	0.108	20.10	0.102
15	QPSK	36	20	20.34	0.108	20.28	0.107	20.25	0.106
15	QPSK	36	39	20.34	0.108	20.17	0.104	19.87	0.097
15	QPSK	75	0	20.08	0.102	20.14	0.103	20.00	0.100
15	16QAM	1	0	20.20	0.105	20.43	0.110	20.12	0.103
15	16QAM	1	37	20.17	0.104	20.31	0.107	20.21	0.105
15	16QAM	1	74	20.12	0.103	20.20	0.105	20.07	0.102
15	16QAM	36	0	19.39	0.087	19.44	0.088	19.26	0.084
15	16QAM	36	20	19.15	0.082	19.44	0.088	19.31	0.085
15	16QAM	36	39	19.09	0.081	19.14	0.082	19.27	0.085
15	16QAM	75	0	19.06	0.081	19.16	0.082	19.18	0.083

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.20	0.132	21.16	0.131	21.13	0.130
10	QPSK	1	25	21.09	0.129	21.13	0.130	21.11	0.129
10	QPSK	1	49	20.89	0.123	21.04	0.127	21.14	0.130
10	QPSK	25	0	20.49	0.112	20.43	0.110	20.12	0.103
10	QPSK	25	12	20.23	0.105	20.26	0.106	20.12	0.103
10	QPSK	25	25	20.38	0.109	20.34	0.108	20.01	0.100
10	QPSK	50	0	20.03	0.101	20.18	0.104	20.02	0.100
10	16QAM	1	0	20.36	0.109	20.29	0.107	20.11	0.103
10	16QAM	1	25	20.09	0.102	20.26	0.106	20.14	0.103
10	16QAM	1	49	20.09	0.102	20.04	0.101	19.92	0.098
10	16QAM	25	0	19.27	0.085	19.35	0.086	19.26	0.084
10	16QAM	25	12	19.22	0.084	19.38	0.087	19.16	0.082
10	16QAM	25	25	19.11	0.081	19.31	0.085	19.25	0.084
10	16QAM	50	0	19.12	0.082	19.13	0.082	19.21	0.083

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.25	0.133	21.18	0.131	21.12	0.129
5	QPSK	1	12	21.23	0.133	21.16	0.131	21.10	0.129
5	QPSK	1	24	21.01	0.126	21.03	0.127	21.21	0.132
5	QPSK	12	0	20.45	0.111	20.50	0.112	20.06	0.101
5	QPSK	12	7	20.40	0.110	20.37	0.109	20.19	0.104
5	QPSK	12	13	20.38	0.109	20.19	0.104	20.02	0.100
5	QPSK	25	0	20.03	0.101	20.04	0.101	19.93	0.098
5	16QAM	1	0	20.29	0.107	20.40	0.110	20.12	0.103
5	16QAM	1	12	20.16	0.104	20.25	0.106	20.03	0.101
5	16QAM	1	24	19.97	0.099	20.20	0.105	20.03	0.101
5	16QAM	12	0	19.43	0.088	19.28	0.085	19.43	0.088
5	16QAM	12	7	19.33	0.086	19.44	0.088	19.18	0.083
5	16QAM	12	13	19.16	0.082	19.16	0.082	19.19	0.083
5	16QAM	25	0	19.05	0.080	19.21	0.083	19.19	0.083

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	19.92	0.098	19.95	0.099	19.90	0.098
10	QPSK	1	25	19.77	0.095	19.71	0.094	19.72	0.094
10	QPSK	1	49	19.54	0.090	19.68	0.093	19.66	0.092
10	QPSK	25	0	18.82	0.076	18.93	0.078	18.78	0.076
10	QPSK	25	12	18.53	0.071	18.71	0.074	18.76	0.075
10	QPSK	25	25	18.55	0.072	18.76	0.075	18.73	0.075
10	QPSK	50	0	18.68	0.074	18.72	0.074	18.64	0.073
10	16QAM	1	0	18.80	0.076	18.82	0.076	18.97	0.079
10	16QAM	1	25	18.68	0.074	18.70	0.074	18.84	0.077
10	16QAM	1	49	18.60	0.072	18.64	0.073	18.57	0.072
10	16QAM	25	0	17.45	0.056	17.53	0.057	17.14	0.052
10	16QAM	25	12	17.37	0.055	17.37	0.055	17.25	0.053
10	16QAM	25	25	17.23	0.053	17.30	0.054	17.14	0.052
10	16QAM	50	0	17.17	0.052	17.22	0.053	16.98	0.050

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.84	0.096	19.83	0.096	19.80	0.095
5	QPSK	1	12	19.65	0.092	19.52	0.090	19.57	0.091
5	QPSK	1	24	19.47	0.089	19.58	0.091	19.62	0.092
5	QPSK	12	0	18.63	0.073	18.89	0.077	18.75	0.075
5	QPSK	12	7	18.41	0.069	18.59	0.072	18.54	0.071
5	QPSK	12	13	18.52	0.071	18.70	0.074	18.58	0.072
5	QPSK	25	0	18.64	0.073	18.53	0.071	18.45	0.070
5	16QAM	1	0	18.76	0.075	18.77	0.075	18.77	0.075
5	16QAM	1	12	18.52	0.071	18.53	0.071	18.66	0.073
5	16QAM	1	24	18.48	0.070	18.59	0.072	18.34	0.068
5	16QAM	12	0	17.38	0.055	17.47	0.056	17.05	0.051
5	16QAM	12	7	17.31	0.054	17.30	0.054	17.16	0.052
5	16QAM	12	13	17.14	0.052	17.07	0.051	16.97	0.050
5	16QAM	25	0	16.98	0.050	17.14	0.052	16.87	0.049

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	19.73	0.094	19.83	0.096	19.67	0.093
3	QPSK	1	8	19.56	0.090	19.67	0.093	19.50	0.089
3	QPSK	1	14	19.40	0.087	19.48	0.089	19.50	0.089
3	QPSK	8	0	18.80	0.076	18.78	0.076	18.59	0.072
3	QPSK	8	4	18.33	0.068	18.56	0.072	18.72	0.074
3	QPSK	8	7	18.35	0.068	18.55	0.072	18.59	0.072
3	QPSK	15	0	18.54	0.071	18.69	0.074	18.52	0.071
3	16QAM	1	0	18.57	0.072	18.77	0.075	18.83	0.076
3	16QAM	1	8	18.54	0.071	18.58	0.072	18.77	0.075
3	16QAM	1	14	18.42	0.070	18.46	0.070	18.37	0.069
3	16QAM	8	0	17.22	0.053	17.35	0.054	17.00	0.050
3	16QAM	8	4	17.25	0.053	17.22	0.053	17.19	0.052
3	16QAM	8	7	17.15	0.052	17.19	0.052	17.10	0.051
3	16QAM	15	0	16.95	0.050	17.09	0.051	16.94	0.049

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	19.86	0.097	19.77	0.095
1.4	QPSK	1	3	19.73	0.094	19.58	0.091	19.53	0.090
1.4	QPSK	1	5	19.39	0.087	19.59	0.091	19.44	0.088
1.4	QPSK	3	0	18.69	0.074	18.82	0.076	18.61	0.073
1.4	QPSK	3	1	18.51	0.071	18.47	0.070	18.55	0.072
1.4	QPSK	3	3	18.36	0.069	18.53	0.071	18.63	0.073
1.4	QPSK	6	0	18.49	0.071	18.59	0.072	18.44	0.070
1.4	16QAM	1	0	18.59	0.072	18.78	0.076	18.79	0.076
1.4	16QAM	1	3	18.47	0.070	18.49	0.071	18.79	0.076
1.4	16QAM	1	5	18.56	0.072	18.45	0.070	18.52	0.071
1.4	16QAM	3	0	17.77	0.060	18.00	0.063	17.58	0.057
1.4	16QAM	3	1	17.83	0.061	17.85	0.061	17.72	0.059
1.4	16QAM	3	3	17.63	0.058	17.58	0.057	17.60	0.058
1.4	16QAM	6	0	17.05	0.051	17.03	0.050	16.91	0.049

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	19.73	0.094	19.96	0.099	19.83	0.096
10	QPSK	1	25	19.62	0.092	19.86	0.097	19.58	0.091
10	QPSK	1	49	19.48	0.089	19.71	0.094	19.52	0.090
10	QPSK	25	0	18.36	0.069	18.56	0.072	18.35	0.068
10	QPSK	25	12	18.31	0.068	18.36	0.069	18.31	0.068
10	QPSK	25	25	18.24	0.067	18.33	0.068	18.34	0.068
10	QPSK	50	0	18.21	0.066	18.24	0.067	18.12	0.065
10	16QAM	1	0	18.54	0.071	18.74	0.075	18.52	0.071
10	16QAM	1	25	18.47	0.070	18.67	0.074	18.40	0.069
10	16QAM	1	49	18.25	0.067	18.48	0.070	18.31	0.068
10	16QAM	25	0	17.68	0.059	17.54	0.057	17.46	0.056
10	16QAM	25	12	17.56	0.057	17.52	0.056	17.23	0.053
10	16QAM	25	25	17.62	0.058	17.31	0.054	17.37	0.055
10	16QAM	50	0	17.46	0.056	17.17	0.052	17.22	0.053

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	19.77	0.095	19.89	0.097	19.79	0.095
5	QPSK	1	12	19.74	0.094	19.70	0.093	19.42	0.087
5	QPSK	1	24	19.46	0.088	19.65	0.092	19.47	0.089
5	QPSK	12	0	18.25	0.067	18.54	0.071	18.22	0.066
5	QPSK	12	7	18.22	0.066	18.15	0.065	18.15	0.065
5	QPSK	12	13	18.06	0.064	18.26	0.067	18.12	0.065
5	QPSK	25	0	17.99	0.063	18.14	0.065	17.89	0.062
5	16QAM	1	0	18.40	0.069	18.51	0.071	18.30	0.068
5	16QAM	1	12	18.33	0.068	18.52	0.071	18.30	0.068
5	16QAM	1	24	18.06	0.064	18.30	0.068	18.12	0.065
5	16QAM	12	0	17.50	0.056	17.38	0.055	17.42	0.055
5	16QAM	12	7	17.49	0.056	17.38	0.055	17.17	0.052
5	16QAM	12	13	17.53	0.057	17.15	0.052	17.24	0.053
5	16QAM	25	0	17.38	0.055	16.99	0.050	17.03	0.050

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.10	0.204	23.15	0.207	23.12	0.205
20	QPSK	1	49	22.89	0.195	22.96	0.198	23.02	0.200
20	QPSK	1	99	22.81	0.191	22.77	0.189	22.95	0.197
20	QPSK	50	0	22.08	0.161	22.22	0.167	22.06	0.161
20	QPSK	50	24	21.81	0.152	22.07	0.161	22.10	0.162
20	QPSK	50	50	21.77	0.150	21.97	0.157	22.05	0.160
20	QPSK	100	0	21.78	0.151	21.90	0.155	21.84	0.153
20	16QAM	1	0	22.03	0.160	22.32	0.171	22.11	0.163
20	16QAM	1	49	22.09	0.162	22.12	0.163	22.01	0.159
20	16QAM	1	99	21.98	0.158	21.90	0.155	21.83	0.152
20	16QAM	50	0	21.32	0.136	21.12	0.129	21.16	0.131
20	16QAM	50	24	21.08	0.128	21.10	0.129	20.91	0.123
20	16QAM	50	50	21.14	0.130	20.98	0.125	20.84	0.121
20	16QAM	100	0	20.94	0.124	20.93	0.124	20.95	0.124

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	22.85	0.193	23.02	0.200	22.77	0.189
15	QPSK	1	37	22.71	0.187	22.77	0.189	22.85	0.193
15	QPSK	1	74	22.78	0.190	22.61	0.182	22.87	0.194
15	QPSK	36	0	21.92	0.156	22.01	0.159	21.99	0.158
15	QPSK	36	20	21.74	0.149	21.91	0.155	21.93	0.156
15	QPSK	36	39	21.56	0.143	21.80	0.151	22.00	0.158
15	QPSK	75	0	21.63	0.146	21.68	0.147	21.74	0.149
15	16QAM	1	0	21.85	0.153	22.13	0.163	21.99	0.158
15	16QAM	1	37	22.00	0.158	21.89	0.155	21.97	0.157
15	16QAM	1	74	21.81	0.152	21.74	0.149	21.73	0.149
15	16QAM	36	0	21.20	0.132	20.92	0.124	20.94	0.124
15	16QAM	36	20	20.91	0.123	20.91	0.123	20.76	0.119
15	16QAM	36	39	21.01	0.126	20.90	0.123	20.74	0.119
15	16QAM	75	0	20.86	0.122	20.76	0.119	20.86	0.122

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	22.93	0.196	22.85	0.193	22.91	0.195
10	QPSK	1	25	22.73	0.187	22.82	0.191	22.99	0.199
10	QPSK	1	49	22.67	0.185	22.67	0.185	22.79	0.190
10	QPSK	25	0	21.92	0.156	22.06	0.161	21.91	0.155
10	QPSK	25	12	21.63	0.146	21.95	0.157	21.90	0.155
10	QPSK	25	25	21.64	0.146	21.74	0.149	21.91	0.155
10	QPSK	50	0	21.61	0.145	21.77	0.150	21.67	0.147
10	16QAM	1	0	21.81	0.152	22.21	0.166	22.04	0.160
10	16QAM	1	25	22.00	0.158	22.02	0.159	21.89	0.155
10	16QAM	1	49	21.78	0.151	21.76	0.150	21.77	0.150
10	16QAM	25	0	21.16	0.131	20.90	0.123	20.93	0.124
10	16QAM	25	12	20.99	0.126	20.87	0.122	20.75	0.119
10	16QAM	25	25	20.95	0.124	20.90	0.123	20.76	0.119
10	16QAM	50	0	20.75	0.119	20.71	0.118	20.72	0.118

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	22.95	0.197	22.89	0.195	22.74	0.188
5	QPSK	1	12	22.68	0.185	22.91	0.195	22.81	0.191
5	QPSK	1	24	22.71	0.187	22.63	0.183	22.91	0.195
5	QPSK	12	0	21.98	0.158	22.00	0.158	21.95	0.157
5	QPSK	12	7	21.72	0.149	22.00	0.158	22.03	0.160
5	QPSK	12	13	21.61	0.145	21.76	0.150	22.01	0.159
5	QPSK	25	0	21.55	0.143	21.72	0.149	21.66	0.147
5	16QAM	1	0	21.95	0.157	22.11	0.163	21.91	0.155
5	16QAM	1	12	22.05	0.160	21.93	0.156	21.89	0.155
5	16QAM	1	24	21.96	0.157	21.66	0.147	21.67	0.147
5	16QAM	12	0	21.14	0.130	20.99	0.126	21.14	0.130
5	16QAM	12	7	21.05	0.127	21.05	0.127	20.81	0.121
5	16QAM	12	13	21.07	0.128	20.83	0.121	20.69	0.117
5	16QAM	25	0	20.76	0.119	20.76	0.119	20.86	0.122

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	22.77	0.189	22.94	0.197	22.93	0.196
3	QPSK	1	8	22.69	0.186	22.85	0.193	22.81	0.191
3	QPSK	1	14	22.73	0.187	22.73	0.187	22.91	0.195
3	QPSK	8	0	21.89	0.155	22.11	0.163	21.88	0.154
3	QPSK	8	4	21.60	0.145	21.92	0.156	22.00	0.158
3	QPSK	8	7	21.58	0.144	21.93	0.156	21.82	0.152
3	QPSK	15	0	21.74	0.149	21.72	0.149	21.70	0.148
3	16QAM	1	0	21.97	0.157	22.11	0.163	21.90	0.155
3	16QAM	1	8	22.07	0.161	21.88	0.154	21.95	0.157
3	16QAM	1	14	21.83	0.152	21.86	0.153	21.70	0.148
3	16QAM	8	0	21.20	0.132	20.88	0.122	21.11	0.129
3	16QAM	8	4	20.91	0.123	20.87	0.122	20.74	0.119
3	16QAM	8	7	21.06	0.128	20.74	0.119	20.75	0.119
3	16QAM	15	0	20.86	0.122	20.87	0.122	20.86	0.122

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	22.79	0.190	22.87	0.194	22.74	0.188
1.4	QPSK	1	3	22.66	0.185	22.88	0.194	22.92	0.196
1.4	QPSK	1	5	22.57	0.181	22.53	0.179	22.83	0.192
1.4	QPSK	3	0	21.85	0.153	22.03	0.160	21.91	0.155
1.4	QPSK	3	1	21.93	0.156	21.88	0.154	21.89	0.155
1.4	QPSK	3	3	21.77	0.150	21.87	0.154	21.94	0.156
1.4	QPSK	6	0	21.61	0.145	21.88	0.154	21.62	0.145
1.4	16QAM	1	0	21.91	0.155	22.15	0.164	21.98	0.158
1.4	16QAM	1	3	21.89	0.155	22.01	0.159	21.93	0.156
1.4	16QAM	1	5	21.84	0.153	21.78	0.151	21.72	0.149
1.4	16QAM	3	0	21.13	0.130	21.07	0.128	21.00	0.126
1.4	16QAM	3	1	20.99	0.126	21.01	0.126	20.74	0.119
1.4	16QAM	3	3	20.93	0.124	20.83	0.121	20.79	0.120
1.4	16QAM	6	0	20.74	0.119	20.87	0.122	20.80	0.120

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	19.09	0.081	19.11	0.081	19.10	0.081
20	QPSK	1	49	19.06	0.081	19.01	0.080	18.94	0.078
20	QPSK	1	99	18.99	0.079	18.81	0.076	18.87	0.077
20	QPSK	50	0	18.12	0.065	18.20	0.066	18.00	0.063
20	QPSK	50	24	18.07	0.064	18.05	0.064	17.94	0.062
20	QPSK	50	50	18.02	0.063	17.97	0.063	17.90	0.062
20	QPSK	100	0	17.95	0.062	17.92	0.062	17.75	0.060
20	16QAM	1	0	18.15	0.065	18.14	0.065	18.06	0.064
20	16QAM	1	49	18.07	0.064	18.09	0.064	17.93	0.062
20	16QAM	1	99	17.94	0.062	18.06	0.064	17.77	0.060
20	16QAM	50	0	16.84	0.048	16.93	0.049	16.87	0.049
20	16QAM	50	24	16.73	0.047	16.90	0.049	16.82	0.048
20	16QAM	50	50	16.68	0.047	16.77	0.048	16.80	0.048
20	16QAM	100	0	16.63	0.046	16.67	0.046	16.75	0.047

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	18.89	0.077	19.05	0.080	19.05	0.080
15	QPSK	1	37	18.99	0.079	18.89	0.077	18.73	0.075
15	QPSK	1	74	18.94	0.078	18.79	0.076	18.70	0.074
15	QPSK	36	0	17.92	0.062	18.09	0.064	17.83	0.061
15	QPSK	36	20	17.87	0.061	17.82	0.061	17.86	0.061
15	QPSK	36	39	17.94	0.062	17.74	0.059	17.72	0.059
15	QPSK	75	0	17.75	0.060	17.70	0.059	17.58	0.057
15	16QAM	1	0	17.95	0.062	17.98	0.063	17.85	0.061
15	16QAM	1	37	17.86	0.061	18.04	0.064	17.73	0.059
15	16QAM	1	74	17.71	0.059	17.82	0.061	17.58	0.057
15	16QAM	36	0	16.82	0.048	16.80	0.048	16.83	0.048
15	16QAM	36	20	16.64	0.046	16.77	0.048	16.69	0.047
15	16QAM	36	39	16.61	0.046	16.54	0.045	16.76	0.047
15	16QAM	75	0	16.46	0.044	16.43	0.044	16.56	0.045

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	18.85	0.077	19.06	0.081	19.00	0.079
10	QPSK	1	25	18.97	0.079	18.91	0.078	18.79	0.076
10	QPSK	1	49	18.84	0.077	18.60	0.072	18.80	0.076
10	QPSK	25	0	17.90	0.062	17.96	0.063	17.88	0.061
10	QPSK	25	12	17.86	0.061	18.03	0.064	17.89	0.062
10	QPSK	25	25	17.83	0.061	17.91	0.062	17.88	0.061
10	QPSK	50	0	17.76	0.060	17.81	0.060	17.57	0.057
10	16QAM	1	0	18.05	0.064	18.02	0.063	17.89	0.062
10	16QAM	1	25	18.03	0.064	18.03	0.064	17.78	0.060
10	16QAM	1	49	17.79	0.060	17.82	0.061	17.61	0.058
10	16QAM	25	0	16.77	0.048	16.84	0.048	16.72	0.047
10	16QAM	25	12	16.64	0.046	16.85	0.048	16.58	0.045
10	16QAM	25	25	16.52	0.045	16.55	0.045	16.67	0.046
10	16QAM	50	0	16.60	0.046	16.61	0.046	16.59	0.046

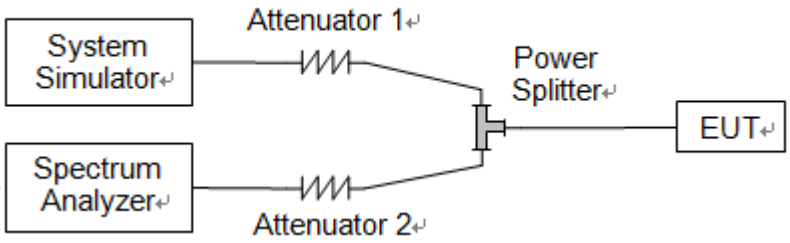
LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133247		133447	
Frequency (MHz)				665.5		675.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.97	0.079	19.03	0.080	19.07	0.081
5	QPSK	1	12	18.93	0.078	18.98	0.079	18.80	0.076
5	QPSK	1	24	18.87	0.077	18.58	0.072	18.72	0.074
5	QPSK	12	0	18.01	0.063	18.14	0.065	17.83	0.061
5	QPSK	12	7	17.93	0.062	17.83	0.061	17.89	0.062
5	QPSK	12	13	17.97	0.063	17.80	0.060	17.87	0.061
5	QPSK	25	0	17.73	0.059	17.82	0.061	17.55	0.057
5	16QAM	1	0	18.01	0.063	17.95	0.062	17.84	0.061
5	16QAM	1	12	17.91	0.062	17.91	0.062	17.74	0.059
5	16QAM	1	24	17.72	0.059	17.89	0.062	17.58	0.057
5	16QAM	12	0	16.73	0.047	16.80	0.048	16.84	0.048
5	16QAM	12	7	16.50	0.045	16.76	0.047	16.72	0.047
5	16QAM	12	13	16.59	0.046	16.70	0.047	16.65	0.046
5	16QAM	25	0	16.47	0.044	16.44	0.044	16.69	0.047

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	1.24
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.26
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.72	3.04
	Mid	QPSK	2.72	3.06
	Mid	16QAM	2.72	3.07
	High	QPSK	2.71	3.04
	High	16QAM	2.71	3.05
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.99
	Mid	QPSK	4.51	4.98
	Mid	16QAM	4.51	4.96
	High	QPSK	4.51	4.97
	High	16QAM	4.51	4.97
10	Low	QPSK	9.01	9.88
	Low	16QAM	8.97	9.82
	Mid	QPSK	9.03	9.92
	Mid	16QAM	8.98	9.85
	High	QPSK	9.02	9.88
	High	16QAM	8.97	9.80
15	Low	QPSK	13.50	14.93
	Low	16QAM	13.51	15.06
	Mid	QPSK	13.53	14.97
	Mid	16QAM	13.52	14.97
	High	QPSK	13.47	14.93
	High	16QAM	13.49	15.00
20	Low	QPSK	17.97	19.83
	Low	16QAM	18.08	19.82
	Mid	QPSK	18.03	19.88
	Mid	16QAM	18.07	19.85
	High	QPSK	18.00	19.76
	High	16QAM	18.03	19.80

LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.26
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.73	3.07
	Mid	QPSK	2.71	3.06
	Mid	16QAM	2.71	3.05
	High	QPSK	2.71	3.05
	High	16QAM	2.72	3.06
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	5.00
	High	QPSK	4.50	5.00
	High	16QAM	4.52	5.02
10	Low	QPSK	8.99	9.89
	Low	16QAM	8.99	9.84
	Mid	QPSK	9.00	9.88
	Mid	16QAM	8.98	9.87
	High	QPSK	9.05	9.96
	High	16QAM	8.99	9.82
15	Low	QPSK	13.47	14.90
	Low	16QAM	13.49	15.03
	Mid	QPSK	13.49	14.96
	Mid	16QAM	13.50	15.08
	High	QPSK	13.51	14.97
	High	16QAM	13.51	15.04
20	Low	QPSK	18.01	19.87
	Low	16QAM	18.02	19.78
	Mid	QPSK	18.02	19.80
	Mid	16QAM	18.09	19.88
	High	QPSK	18.03	19.76
	High	16QAM	18.02	19.79

LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.24
	High	QPSK	1.09	1.24
	High	16QAM	1.10	1.24
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.73	4.43
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.71	3.05
	High	QPSK	2.72	3.06
	High	16QAM	2.71	3.06
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.99
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.98
	High	QPSK	4.50	4.97
	High	16QAM	4.51	4.96
10	Low	QPSK	9.01	9.80
	Low	16QAM	8.97	9.83
	Mid	QPSK	9.02	9.95
	Mid	16QAM	8.98	9.85
	High	QPSK	8.99	9.85
	High	16QAM	8.96	9.87

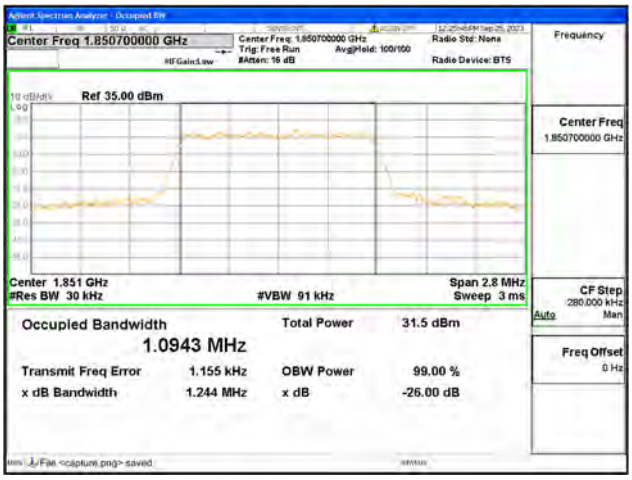
LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.99
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.52	4.95
	High	QPSK	4.50	4.97
	High	16QAM	4.51	4.99
10	Low	QPSK	9.00	9.89
	Low	16QAM	8.99	9.87
	Mid	QPSK	9.01	9.90
	Mid	16QAM	8.97	9.86
	High	QPSK	9.00	9.90
	High	16QAM	8.98	9.84
15	Low	QPSK	13.48	14.90
	Low	16QAM	13.48	14.89
	Mid	QPSK	13.48	14.86
	Mid	16QAM	13.50	14.89
	High	QPSK	13.48	14.88
	High	16QAM	13.48	15.01
20	Low	QPSK	17.98	19.67
	Low	16QAM	17.98	19.88
	Mid	QPSK	17.99	19.75
	Mid	16QAM	18.05	19.87
	High	QPSK	18.00	19.70
	High	16QAM	17.99	19.85

LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.10	1.24
	High	QPSK	1.09	1.25
	High	16QAM	1.10	1.25
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.70	3.04
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.70	3.06
	High	QPSK	2.72	3.04
	High	16QAM	2.71	3.06
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.48	4.97
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.49	4.94
	High	QPSK	4.49	4.98
	High	16QAM	4.50	4.96
10	Low	QPSK	9.01	9.83
	Low	16QAM	8.98	9.87
	Mid	QPSK	9.03	9.94
	Mid	16QAM	8.97	9.84
	High	QPSK	9.01	9.92
	High	16QAM	8.95	9.80

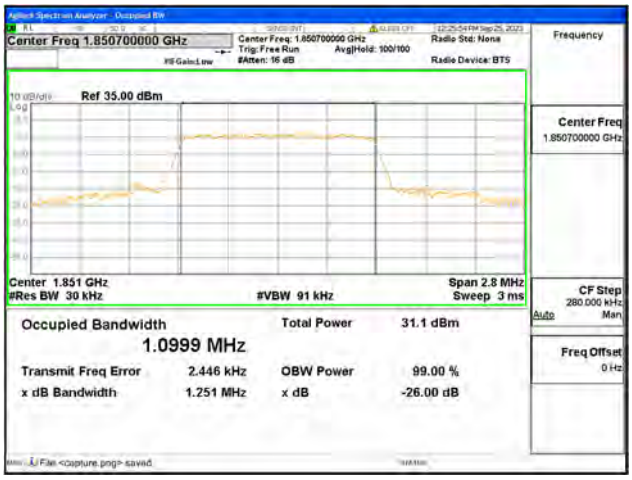
LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.51	4.98
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.50	4.99
	High	QPSK	4.49	4.96
	High	16QAM	4.50	4.98
10	Low	QPSK	8.97	9.90
	Low	16QAM	8.96	9.84
	Mid	QPSK	9.01	9.87
	Mid	16QAM	8.95	9.81
	High	QPSK	8.99	9.87
	High	16QAM	8.96	9.84

LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.26
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	High	QPSK	1.09	1.24
	High	16QAM	1.10	1.26
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.72	3.22
	Mid	QPSK	2.71	3.05
	Mid	16QAM	2.72	3.10
	High	QPSK	2.72	3.05
	High	16QAM	2.72	3.05
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.97
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.52	4.94
	High	QPSK	4.49	4.97
	High	16QAM	4.51	4.95
10	Low	QPSK	9.03	9.88
	Low	16QAM	8.98	9.82
	Mid	QPSK	8.95	9.50
	Mid	16QAM	8.98	9.73
	High	QPSK	9.03	9.87
	High	16QAM	8.99	9.83
15	Low	QPSK	13.51	14.92
	Low	16QAM	13.51	15.01
	Mid	QPSK	13.47	14.89
	Mid	16QAM	13.49	14.90
	High	QPSK	13.50	14.95
	High	16QAM	13.51	15.00
20	Low	QPSK	17.98	19.88
	Low	16QAM	18.04	19.73
	Mid	QPSK	18.03	19.78
	Mid	16QAM	18.03	19.78
	High	QPSK	18.01	19.74
	High	16QAM	18.04	19.92

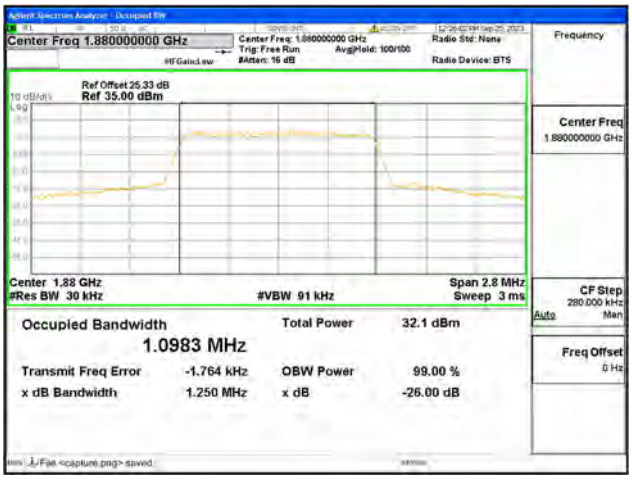
LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.98
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.99
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.98
10	Low	QPSK	9.04	9.87
	Low	16QAM	8.99	9.84
	Mid	QPSK	9.03	9.86
	Mid	16QAM	8.99	9.89
	High	QPSK	8.99	9.89
	High	16QAM	8.94	9.82
15	Low	QPSK	13.49	14.84
	Low	16QAM	13.48	14.91
	Mid	QPSK	13.51	14.93
	Mid	16QAM	13.50	14.93
	High	QPSK	13.48	14.90
	High	16QAM	13.45	14.87
20	Low	QPSK	17.96	19.69
	Low	16QAM	17.95	19.61
	Mid	QPSK	18.03	19.73
	Mid	16QAM	18.08	19.75
	High	QPSK	17.99	19.61
	High	16QAM	18.01	19.66



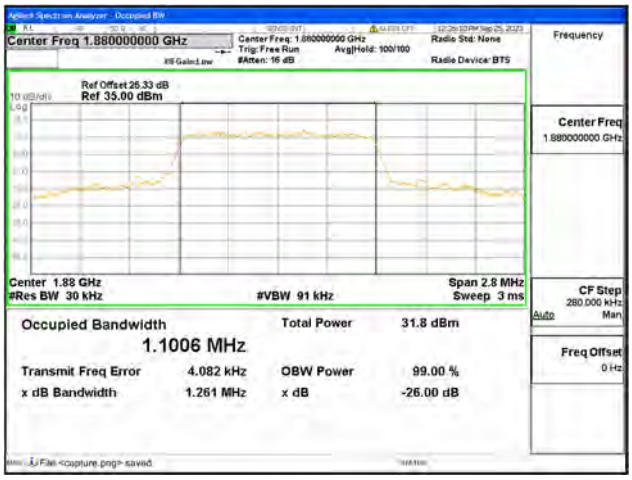
B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



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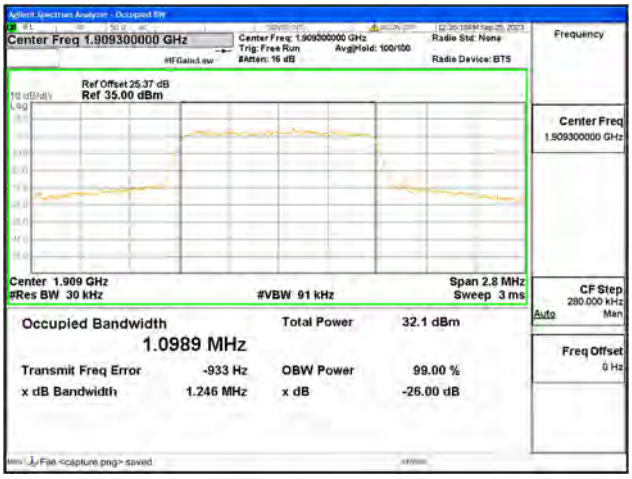
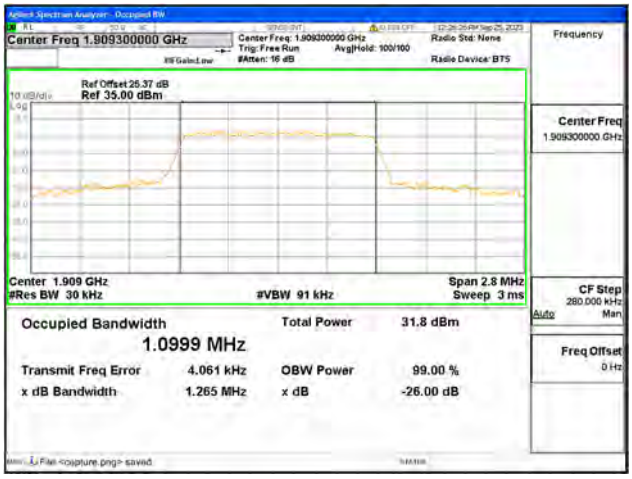


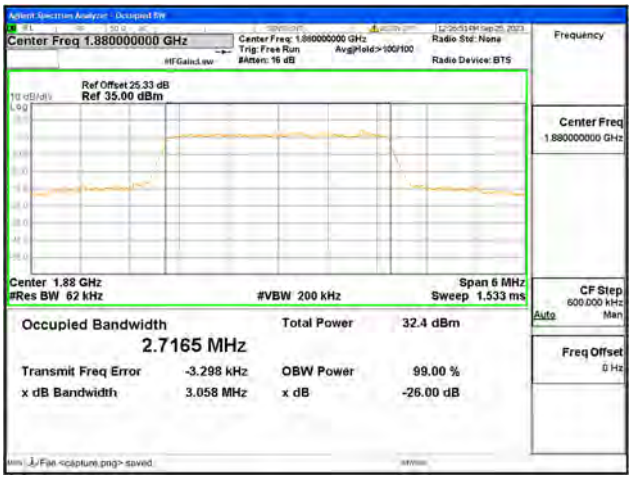
B2 / 1.4MHz / QPSK/ High CH



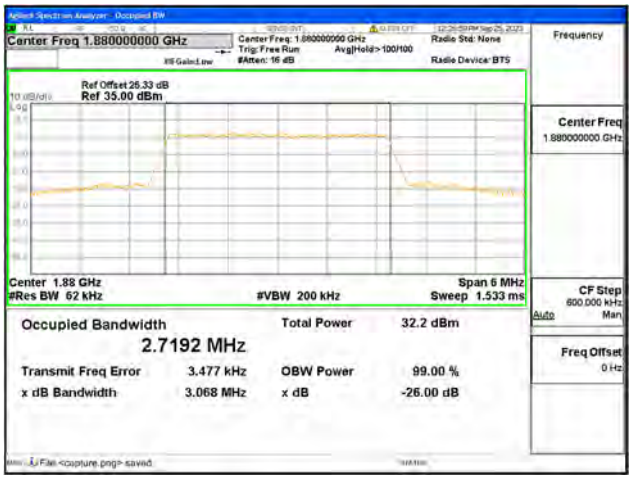
B2 / 1.4MHz / 16QAM/ High CH

B2 / 3MHz / QPSK/ Low CH

B2 / 3MHz / 16QAM/ Low CH

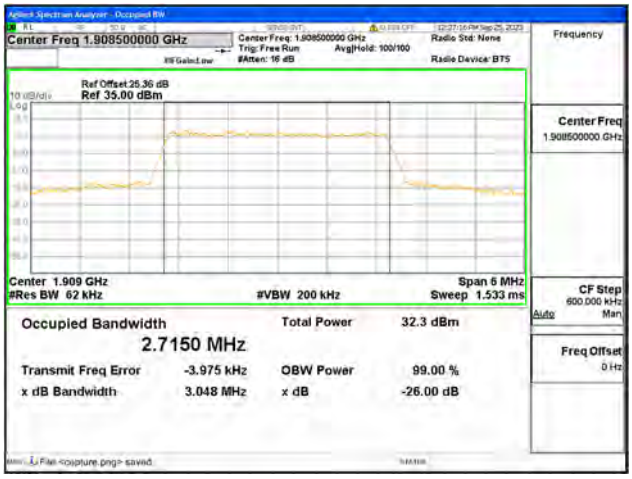


B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH

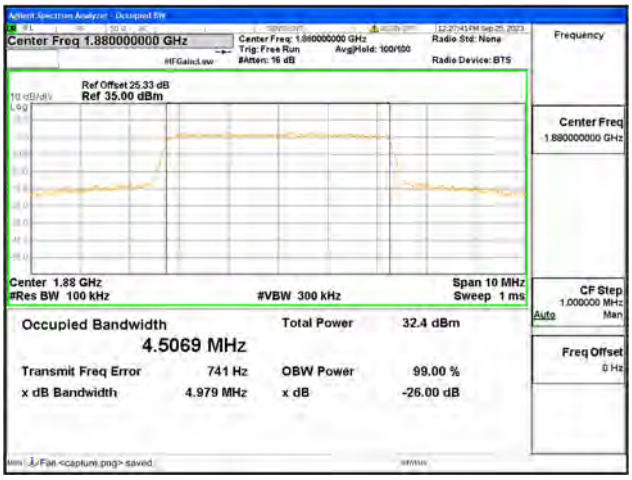
B2 / 3MHz / QPSK/ High CH



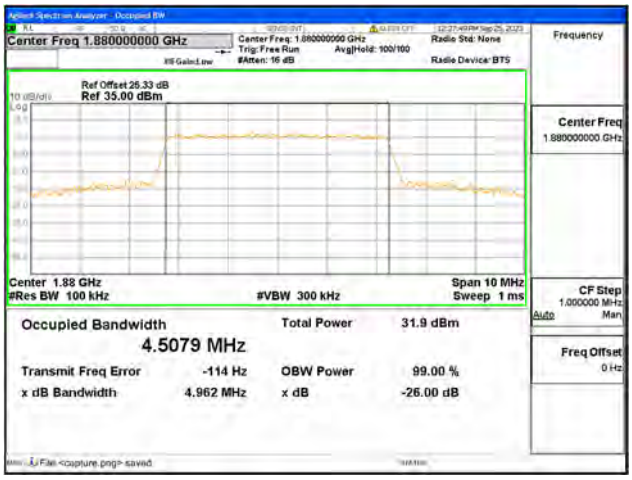
B2 / 3MHz / 16QAM/ High CH

B2 / 5MHz / QPSK/ Low CH

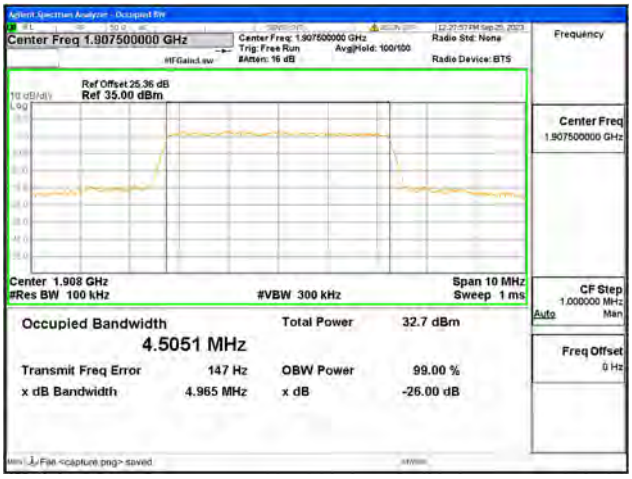
B2 / 5MHz / 16QAM/ Low CH



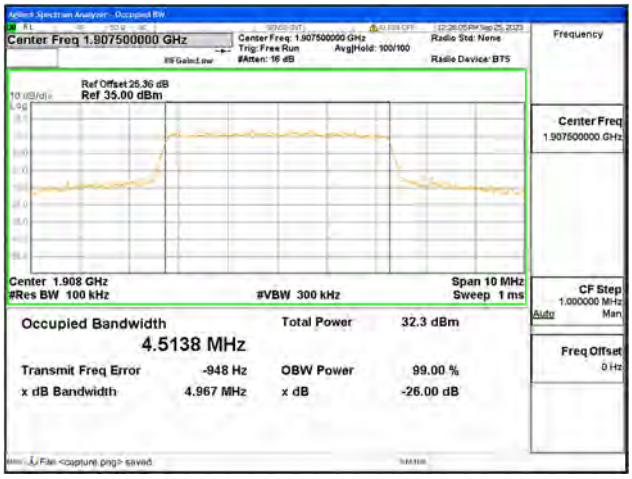
B2 / 5MHz / QPSK/ Mid CH



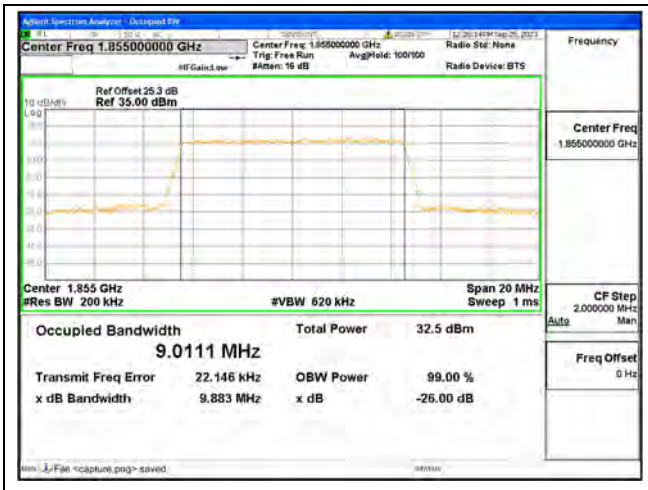
B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



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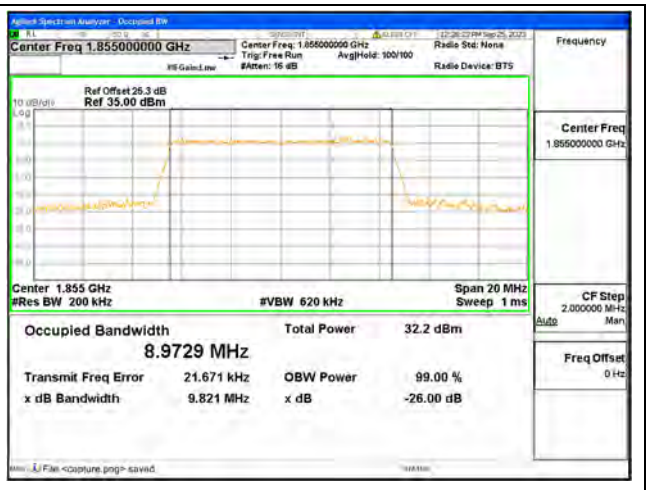
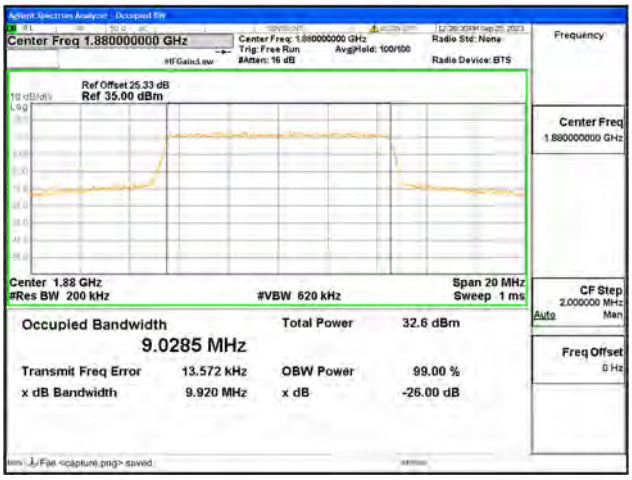
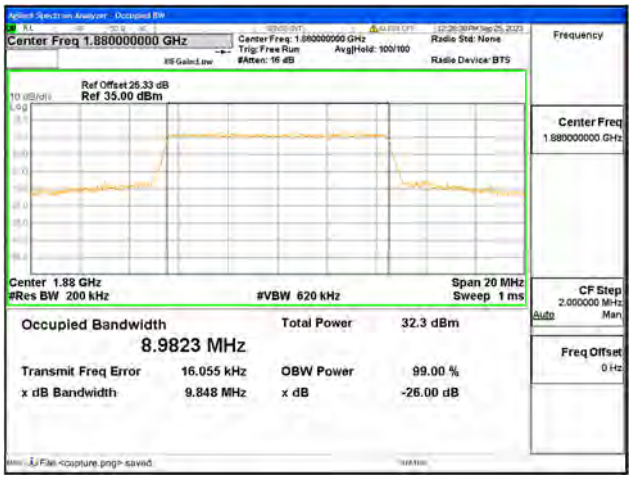


B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



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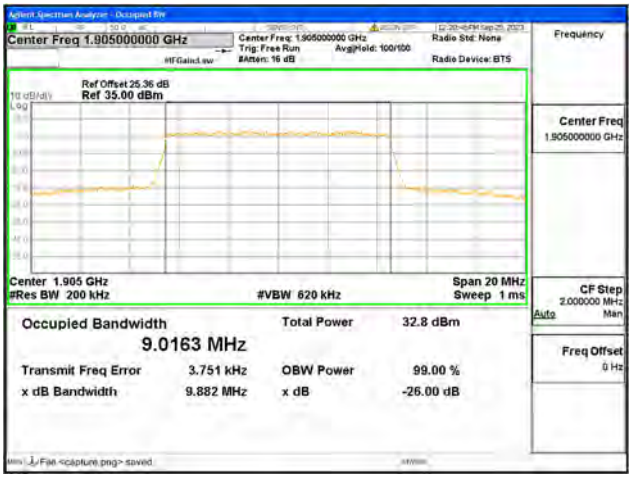
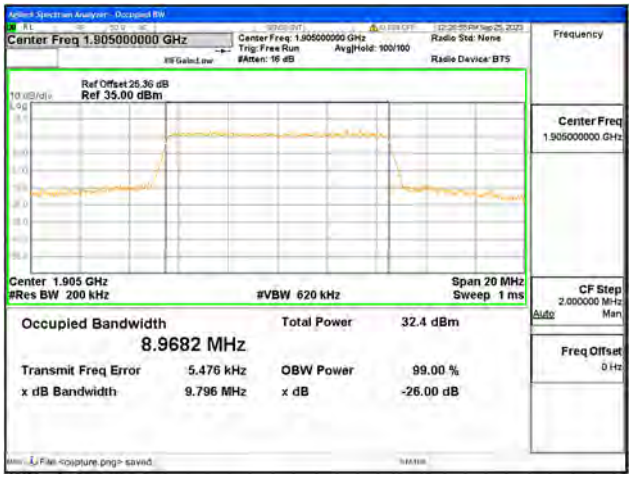
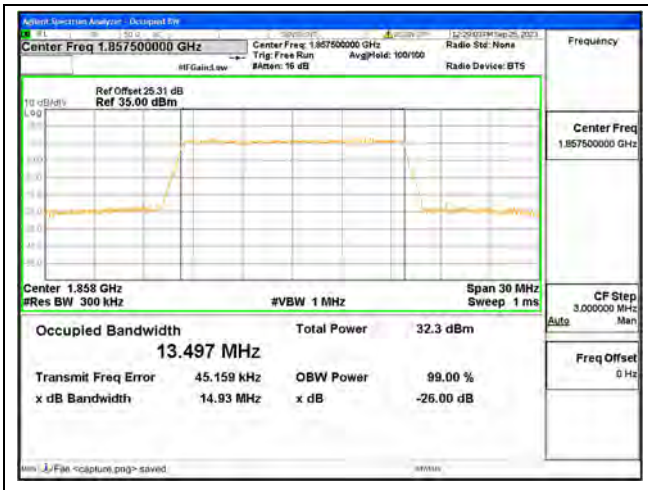


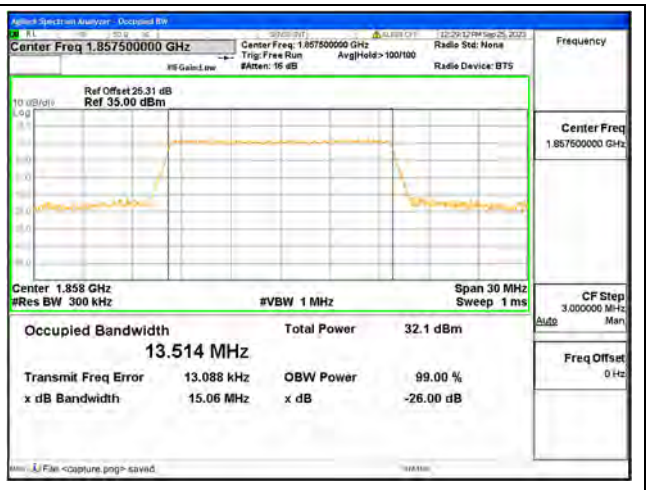
B2 / 10MHz / QPSK/ High CH



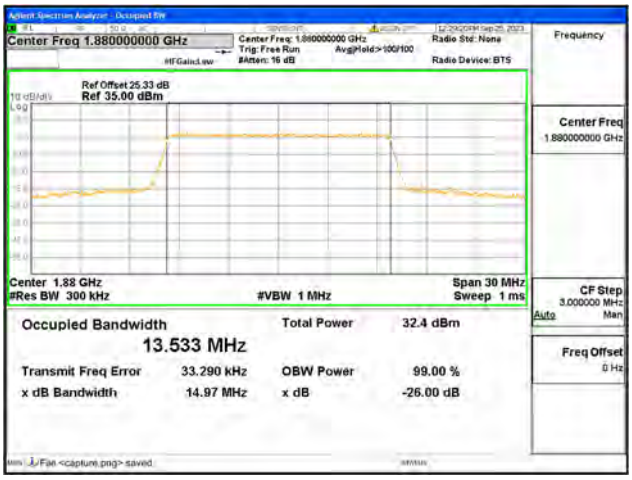
B2 / 10MHz / 16QAM/ High CH



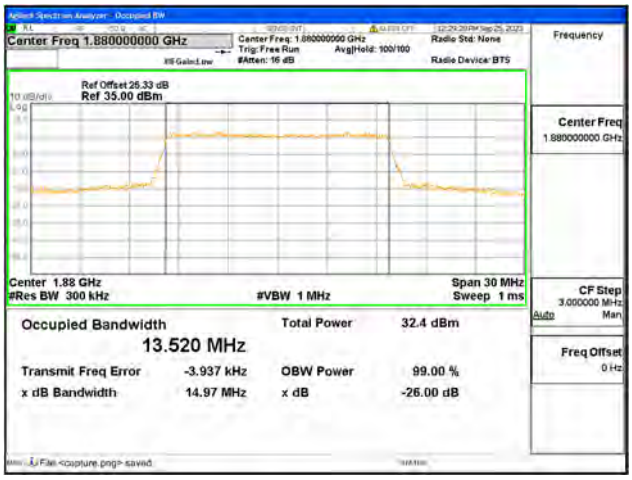
B2 / 15MHz / QPSK/ Low CH



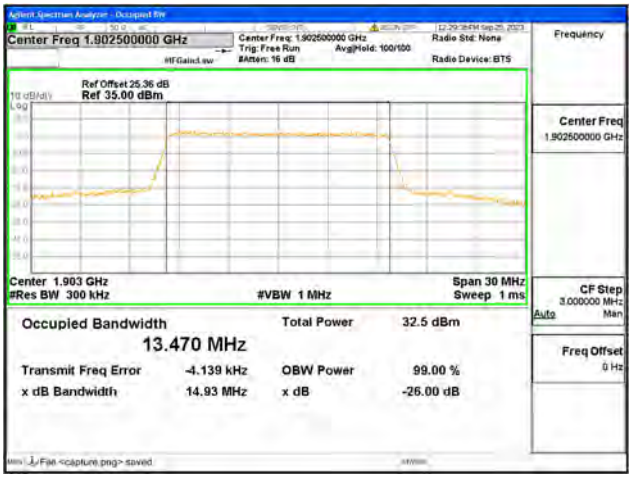
B2 / 15MHz / 16QAM/ Low CH



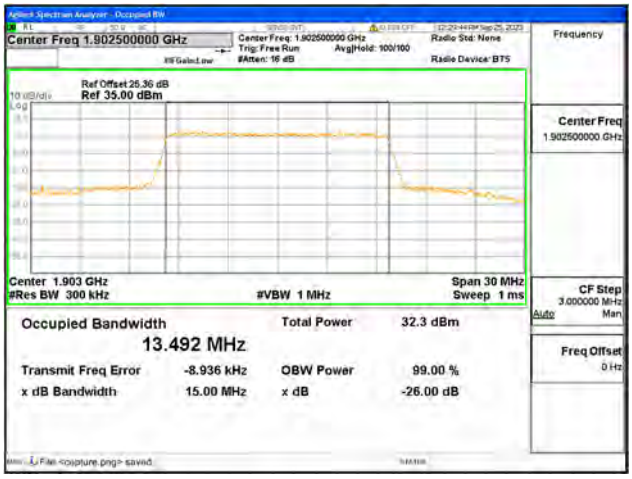
B2 / 15MHz / QPSK/ Mid CH



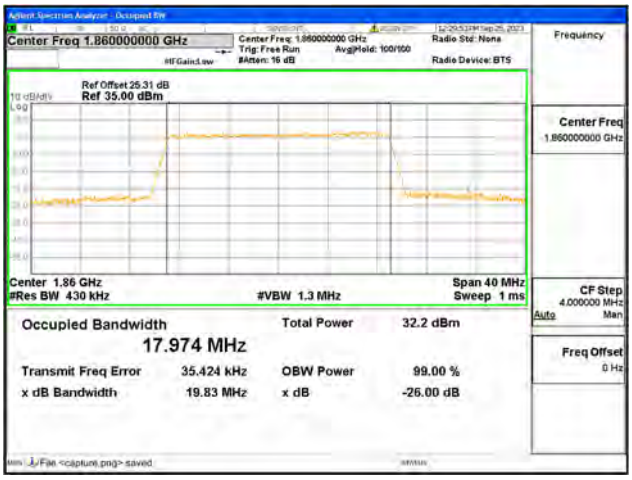
B2 / 15MHz / 16QAM/ Mid CH



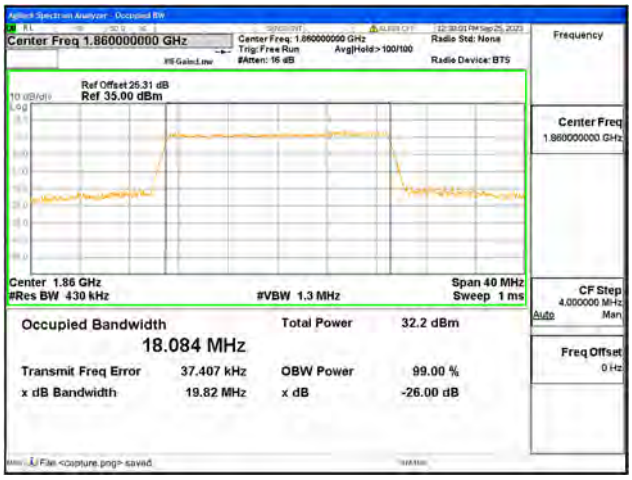
B2 / 15MHz / QPSK/ High CH



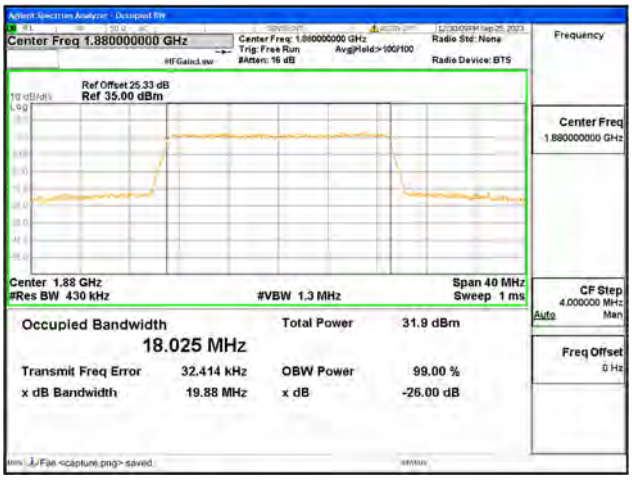
B2 / 15MHz / 16QAM/ High CH



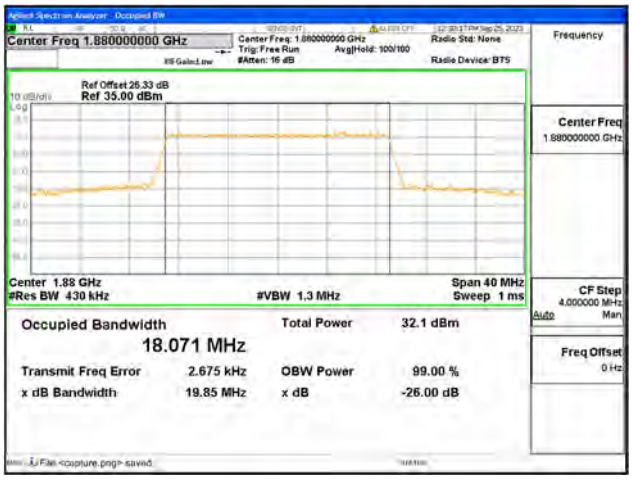
B2 / 20MHz / QPSK/ Low CH



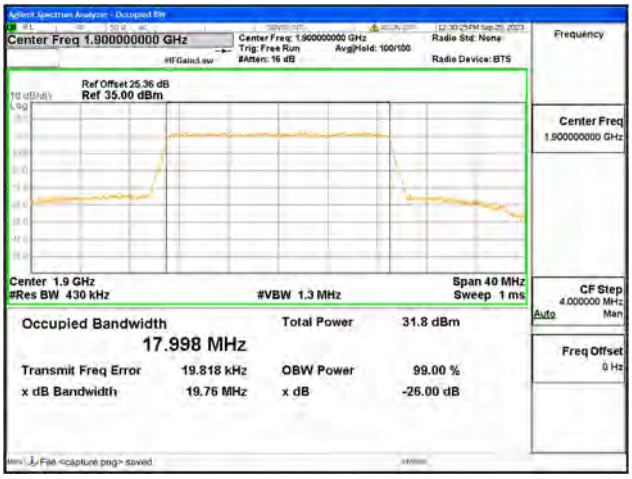
B2 / 20MHz / 16QAM/ Low CH



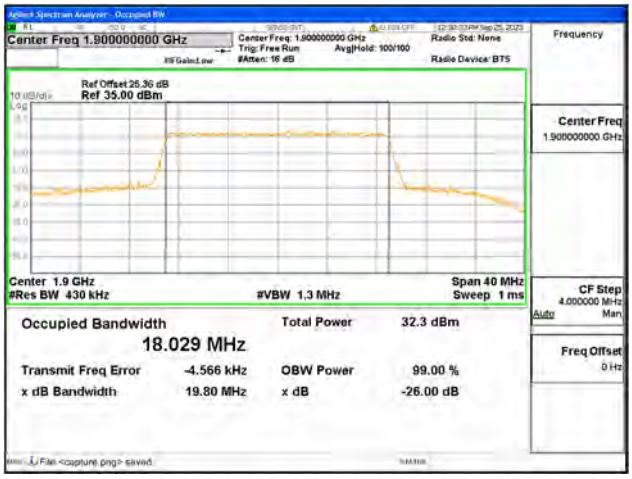
B2 / 20MHz / QPSK/ Mid CH



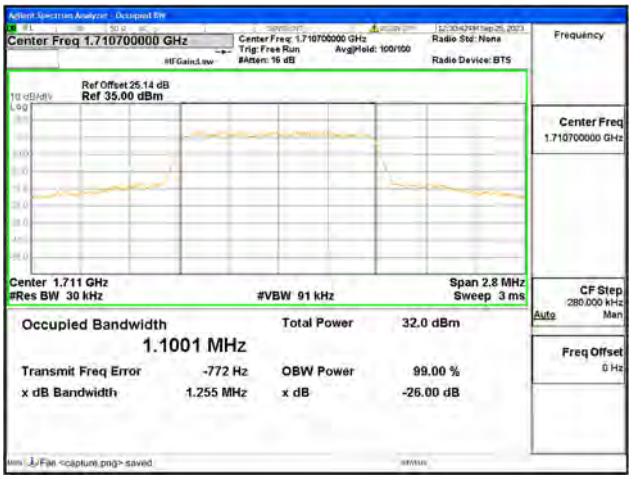
B2 / 20MHz / 16QAM/ Mid CH



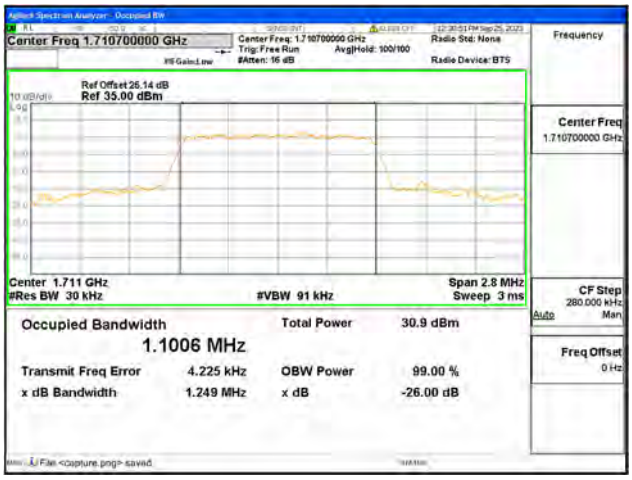
B2 / 20MHz / QPSK/ High CH



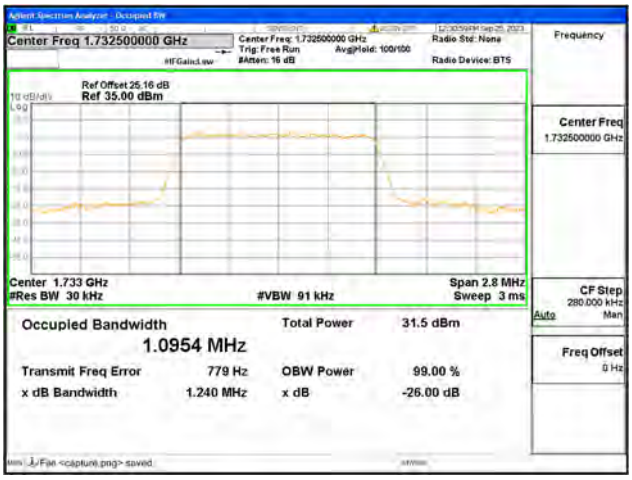
B2 / 20MHz / 16QAM/ High CH



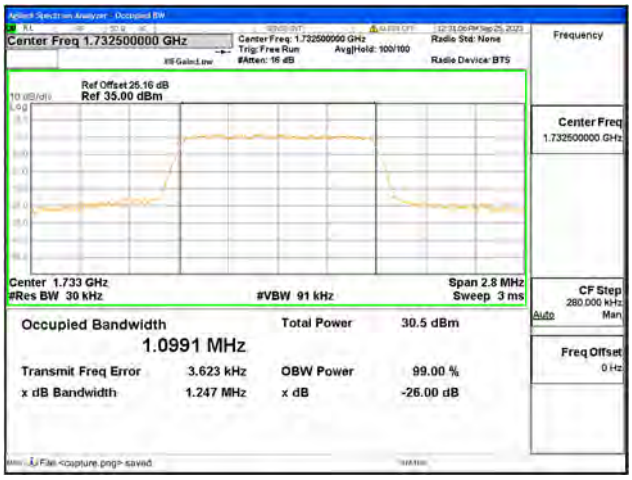
B4 / 1.4MHz / QPSK/ Low CH



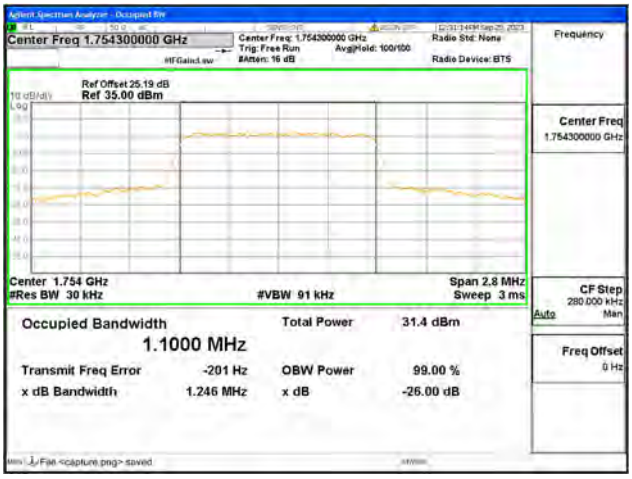
B4 / 1.4MHz / 16QAM/ Low CH



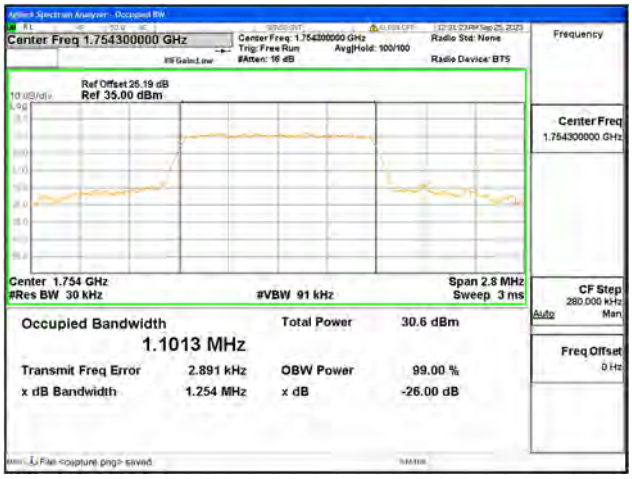
B4 / 1.4MHz / QPSK/ Mid CH



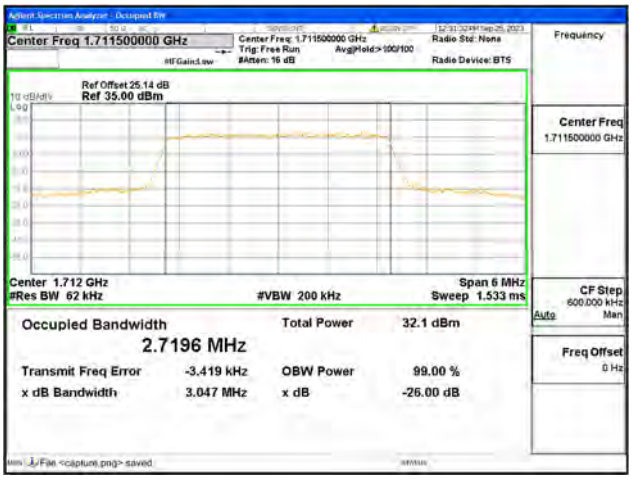
B4 / 1.4MHz / 16QAM/ Mid CH



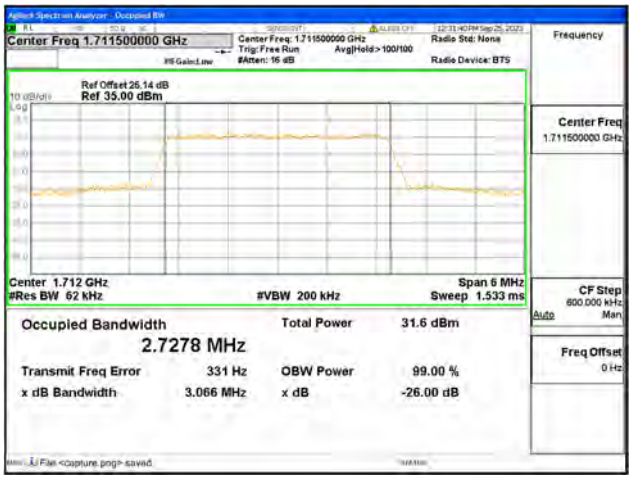
B4 / 1.4MHz / QPSK/ High CH



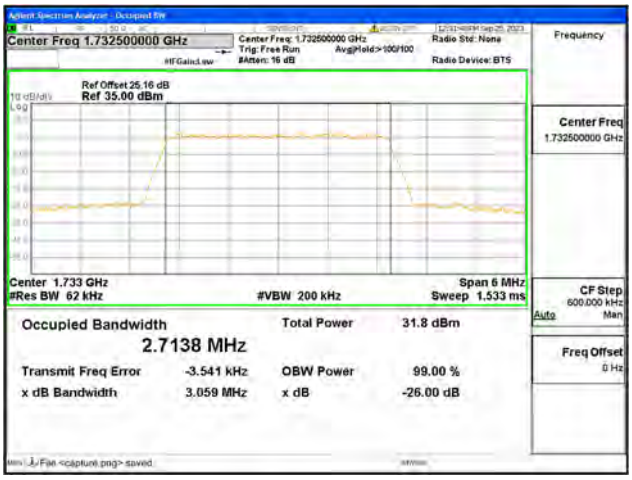
B4 / 1.4MHz / 16QAM/ High CH



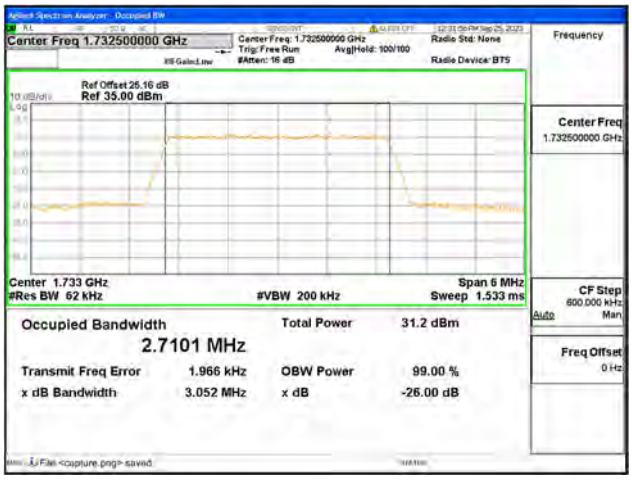
B4 / 3MHz / QPSK/ Low CH



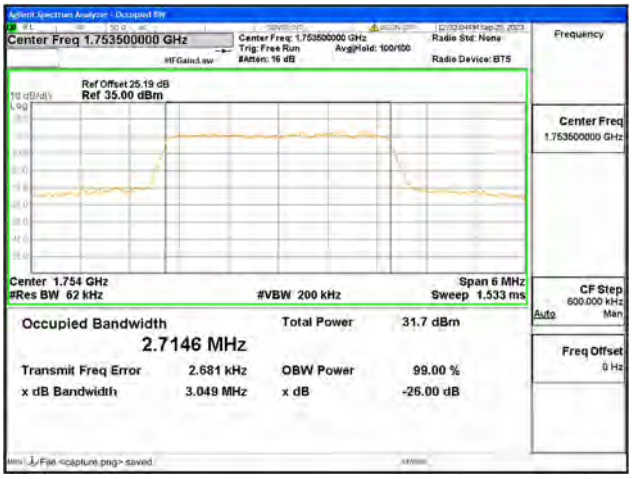
B4 / 3MHz / 16QAM/ Low CH



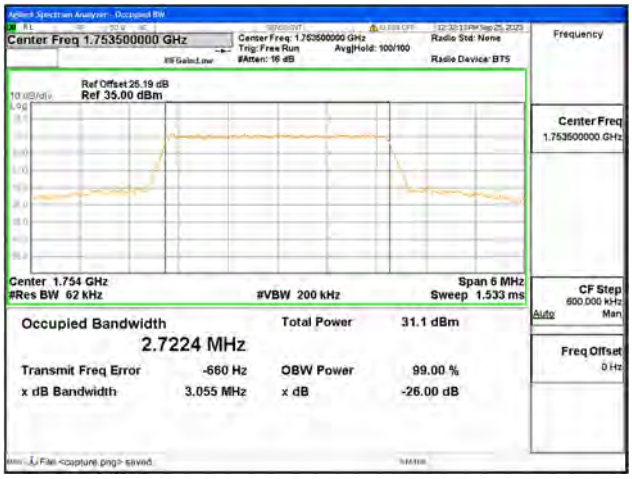
B4 / 3MHz / QPSK/ Mid CH



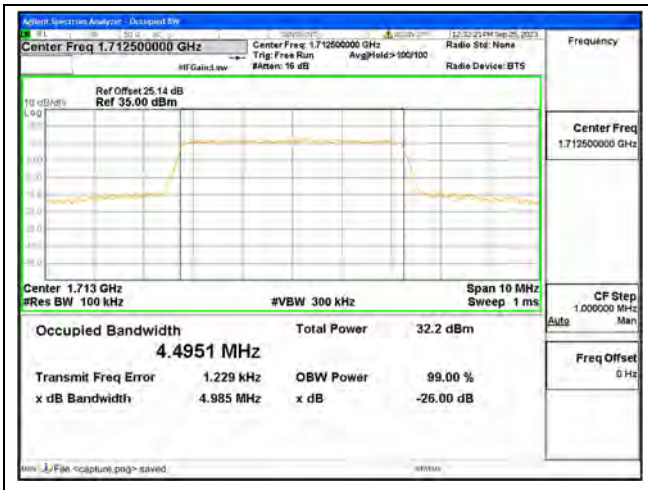
B4 / 3MHz / 16QAM/ Mid CH



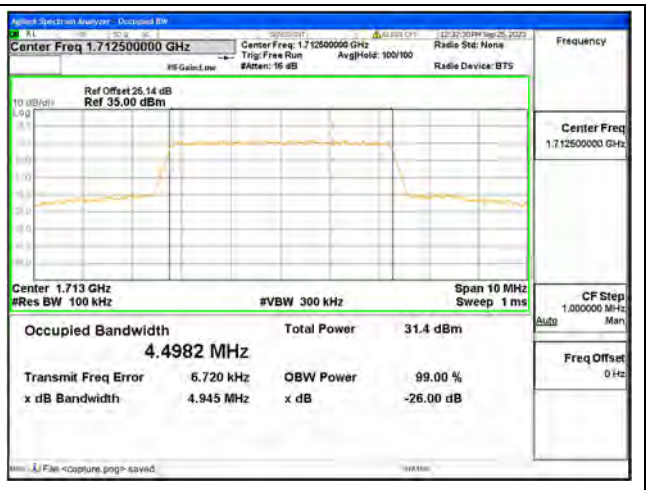
B4 / 3MHz / QPSK/ High CH



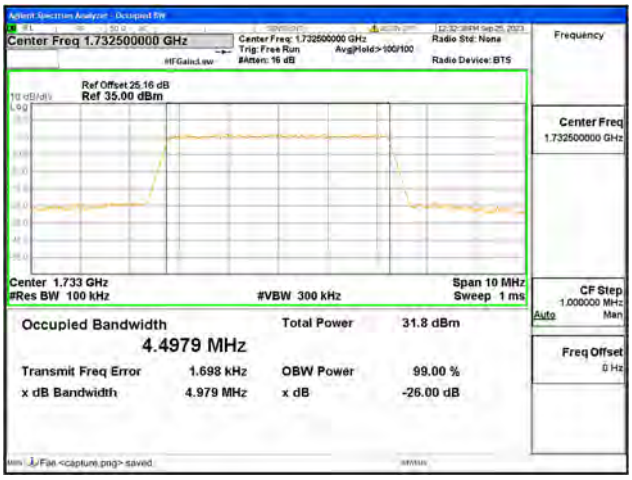
B4 / 3MHz / 16QAM/ High CH



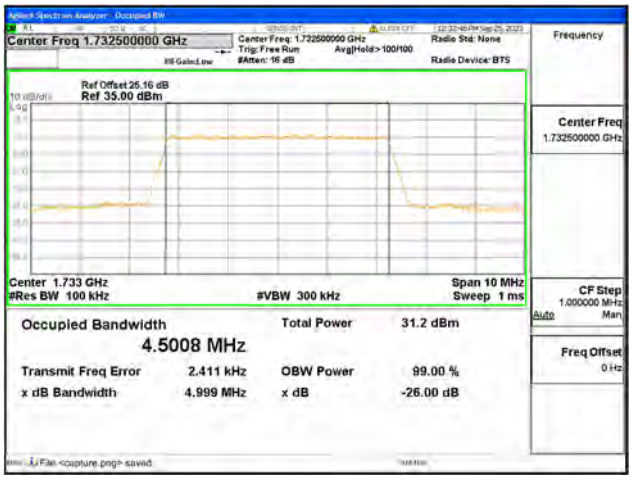
B4 / 5MHz / QPSK/ Low CH



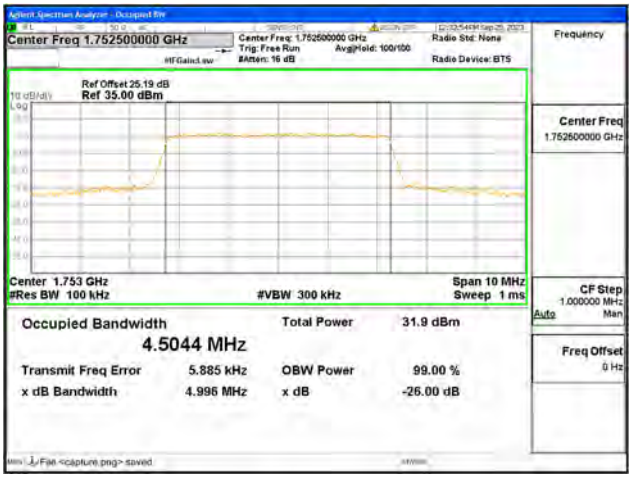
B4 / 5MHz / 16QAM/ Low CH



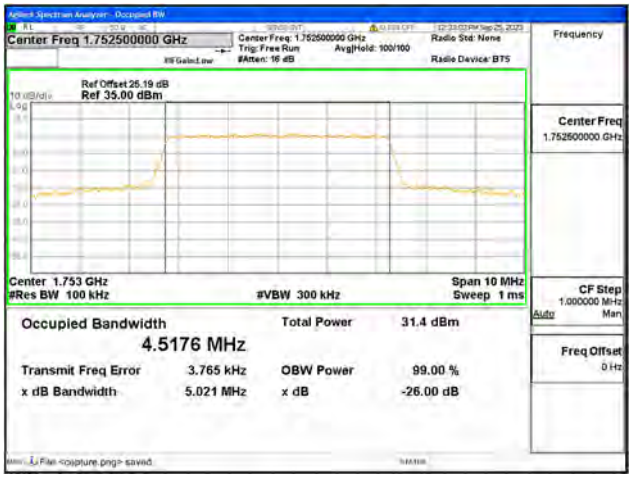
B4 / 5MHz / QPSK/ Mid CH



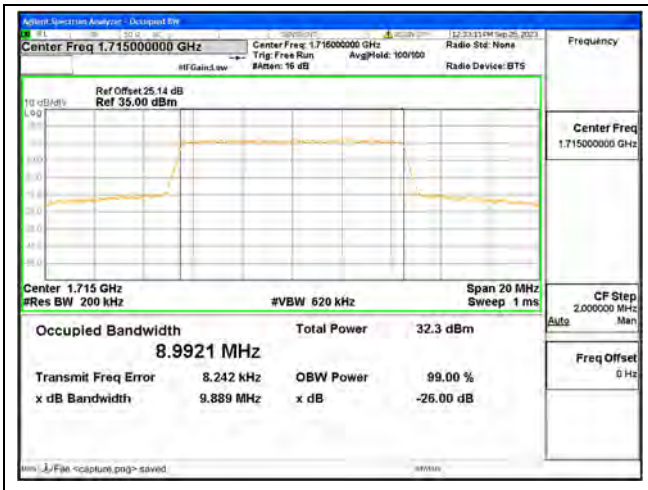
B4 / 5MHz / 16QAM/ Mid CH



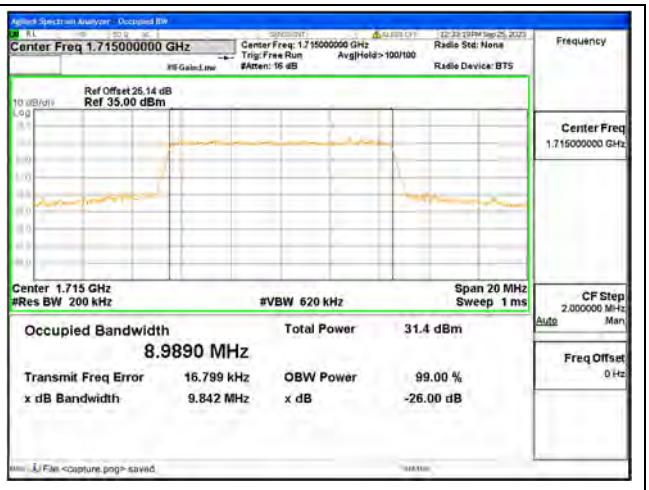
B4 / 5MHz / QPSK/ High CH



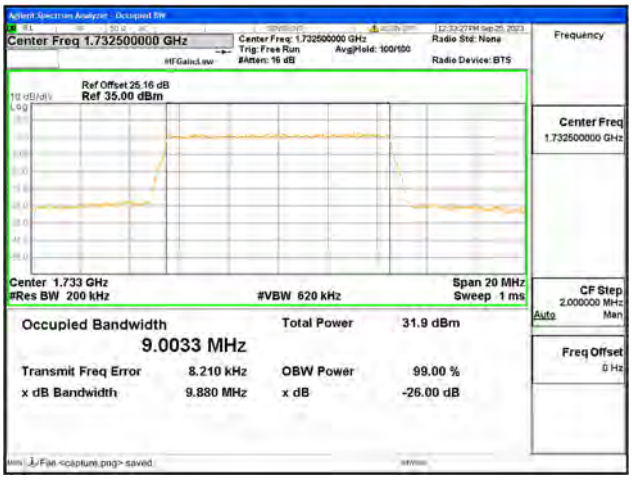
B4 / 5MHz / 16QAM/ High CH



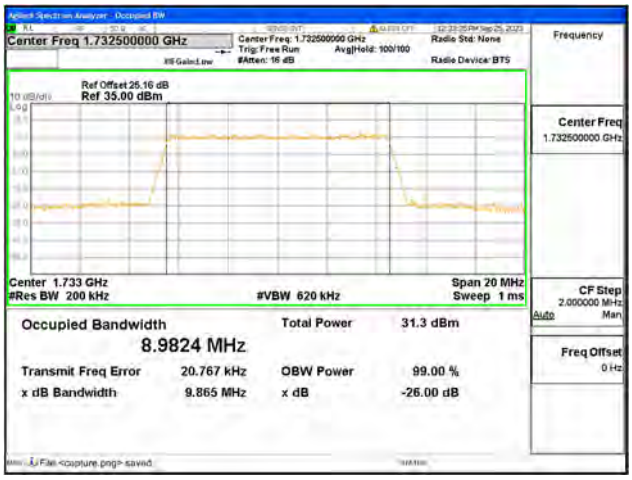
B4 / 10MHz / QPSK/ Low CH



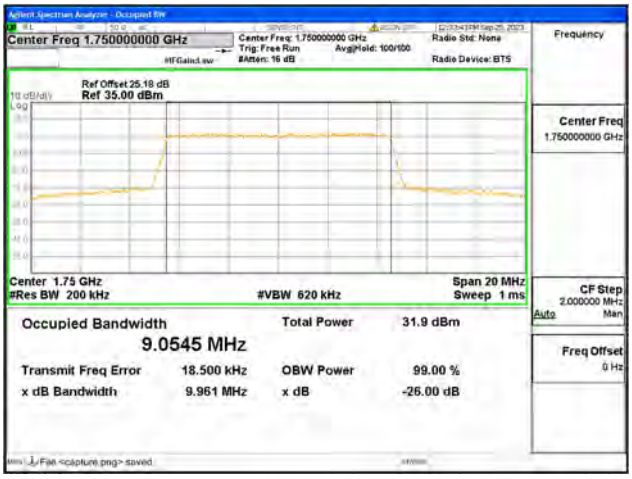
B4 / 10MHz / 16QAM/ Low CH



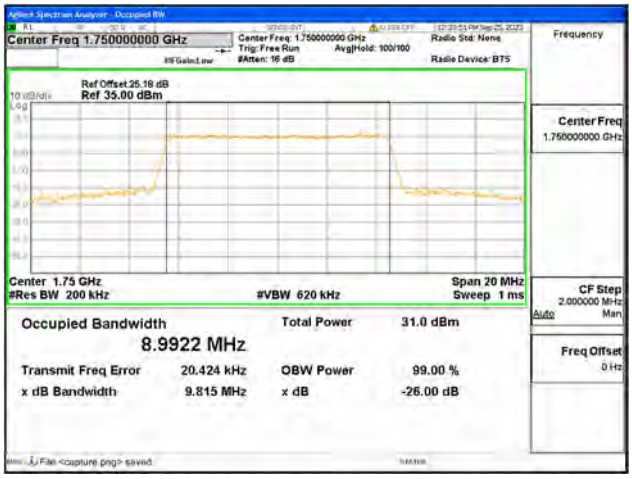
B4 / 10MHz / QPSK/ Mid CH



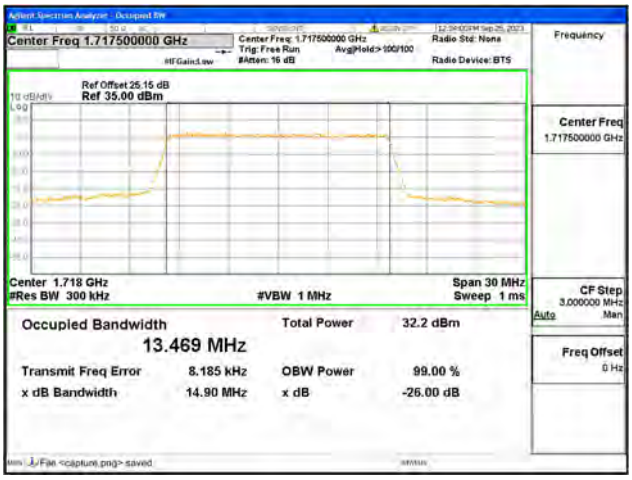
B4 / 10MHz / 16QAM/ Mid CH



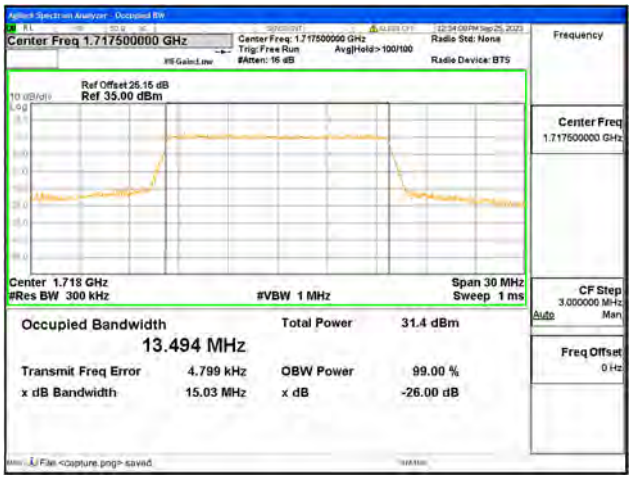
B4 / 10MHz / QPSK/ High CH



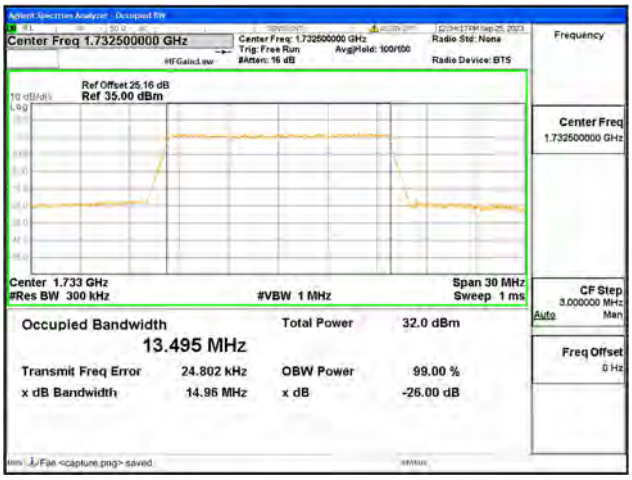
B4 / 10MHz / 16QAM/ High CH



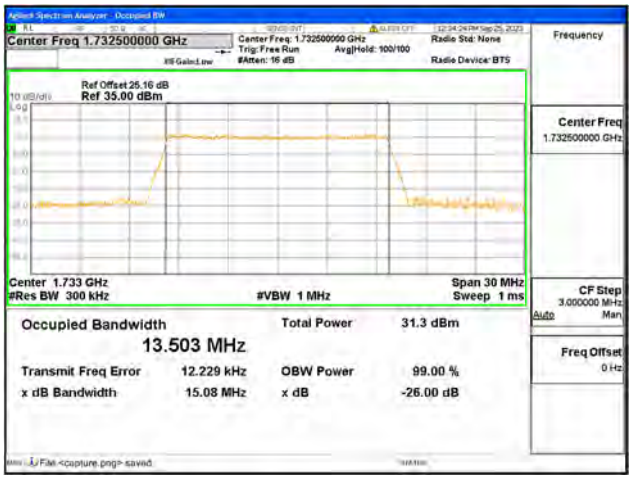
B4 / 15MHz / QPSK/ Low CH



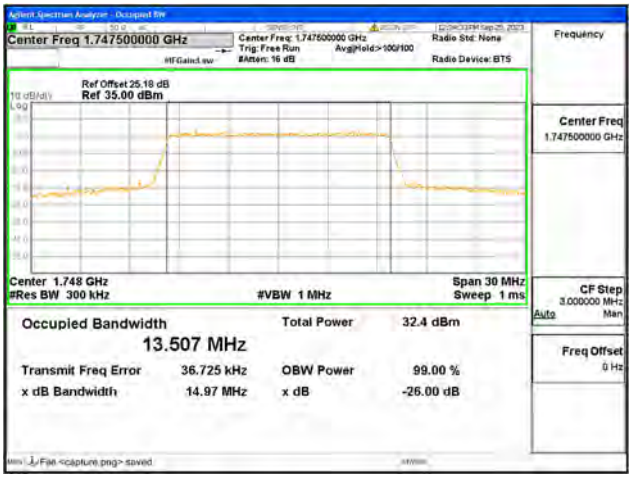
B4 / 15MHz / 16QAM/ Low CH



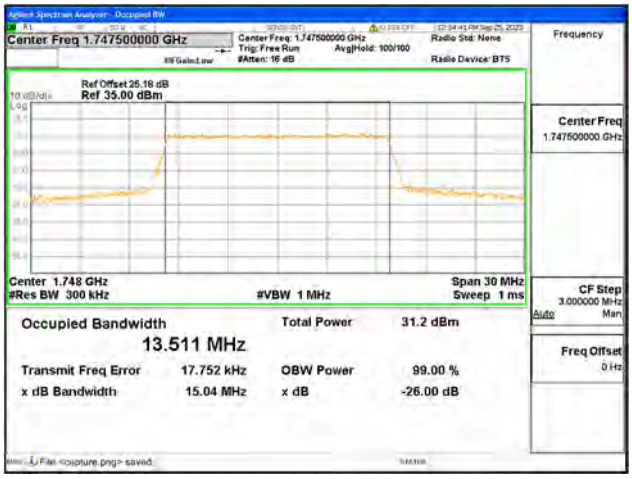
B4 / 15MHz / QPSK/ Mid CH



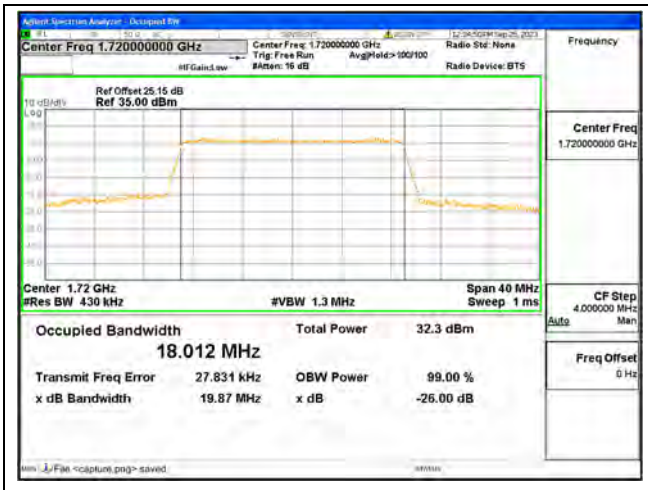
B4 / 15MHz / 16QAM/ Mid CH



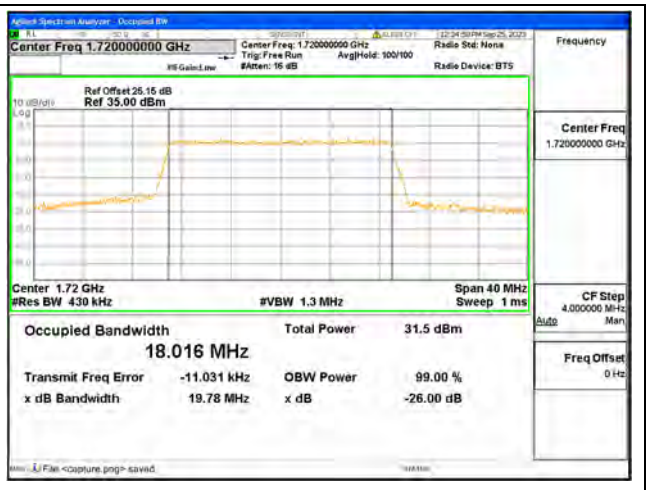
B4 / 15MHz / QPSK/ High CH



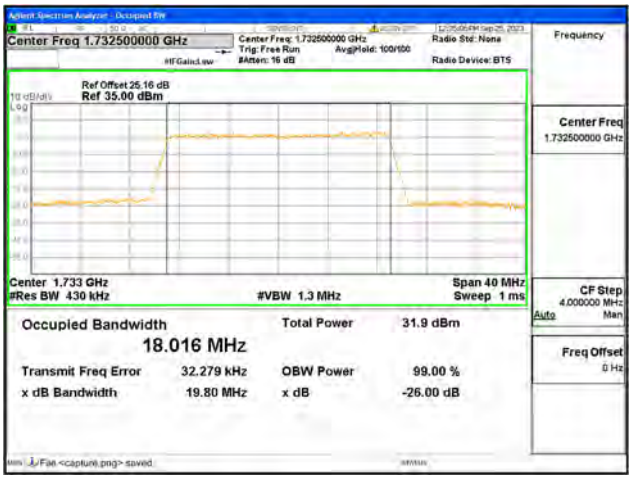
B4 / 15MHz / 16QAM/ High CH



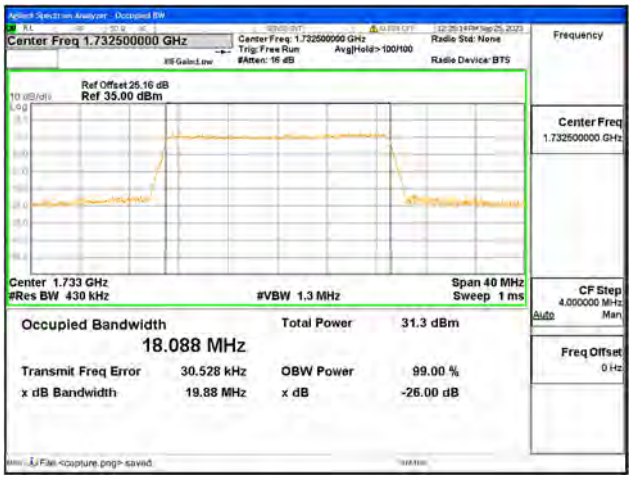
B4 / 20MHz / QPSK/ Low CH



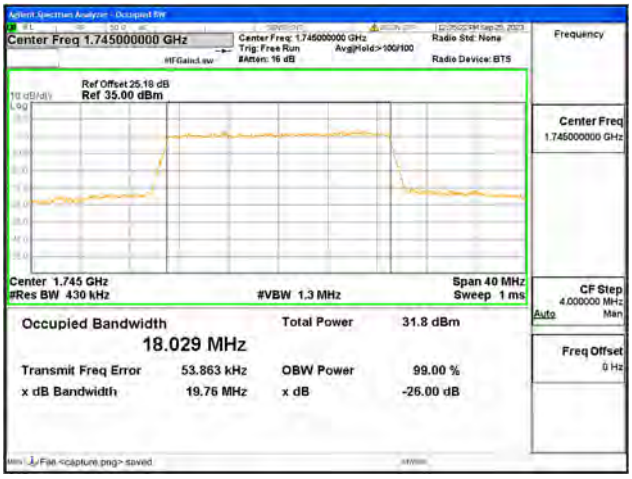
B4 / 20MHz / 16QAM/ Low CH



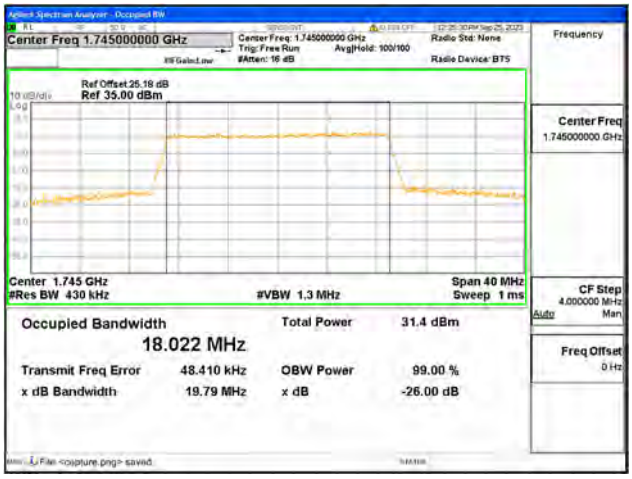
B4 / 20MHz / QPSK/ Mid CH



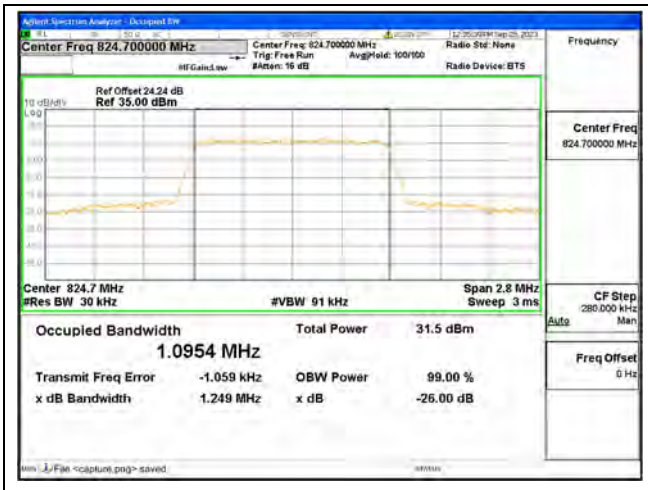
B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH

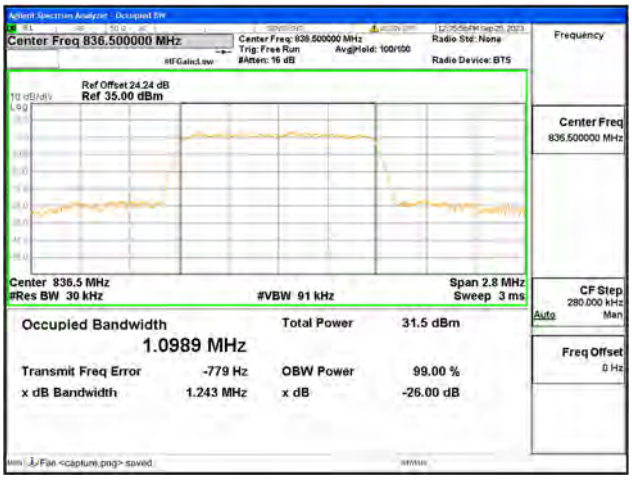


B4 / 20MHz / 16QAM/ High CH

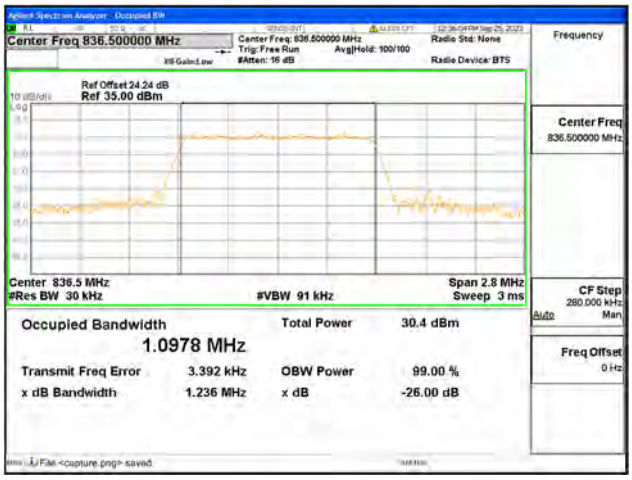


B5 / 1.4MHz / QPSK/ Low CH

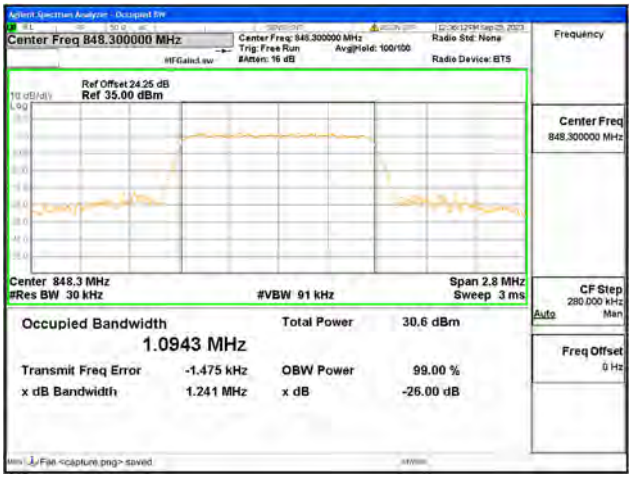
B5 / 1.4MHz / 16QAM/ Low CH



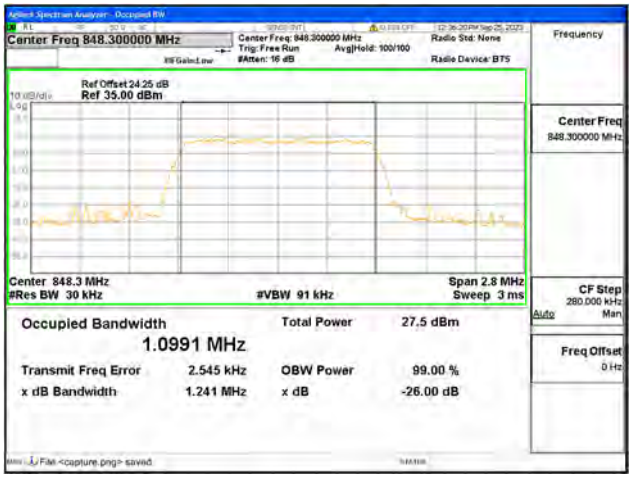
B5 / 1.4MHz / QPSK/ Mid CH



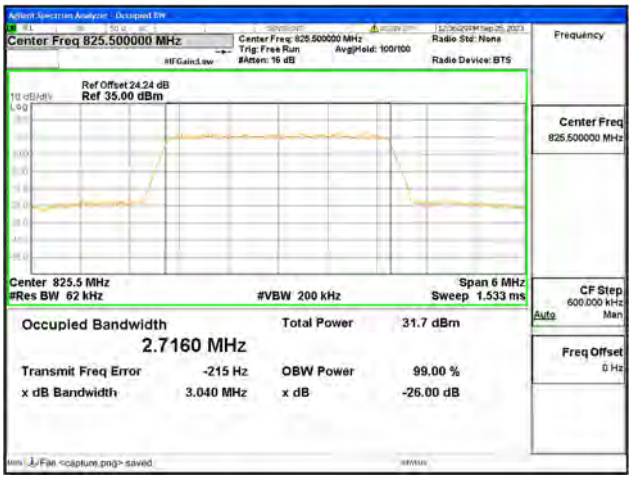
B5 / 1.4MHz / 16QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH

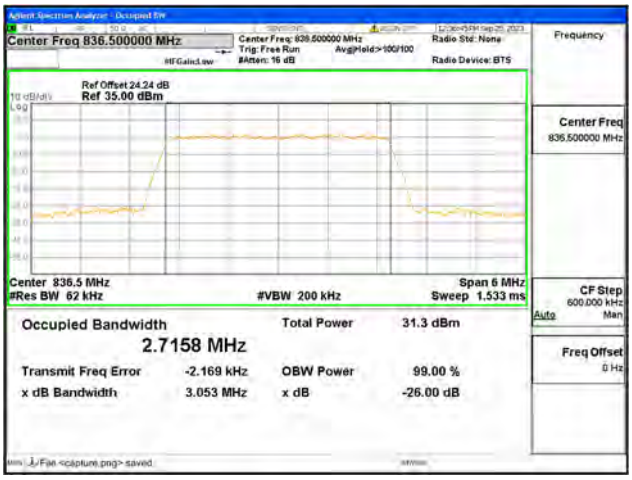


B5 / 1.4MHz / 16QAM/ High CH

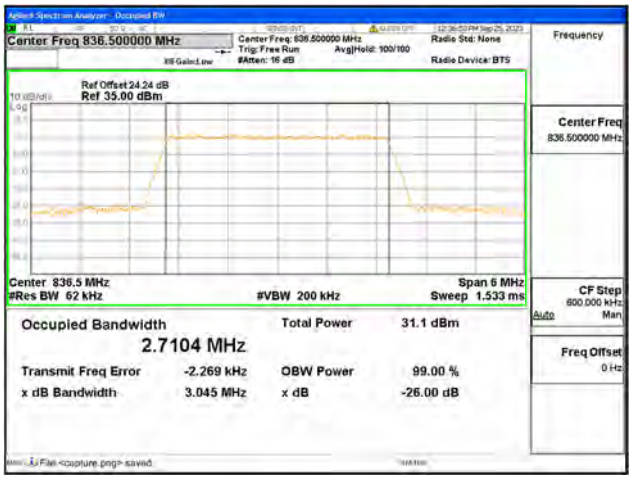


B5 / 3MHz / QPSK/ Low CH

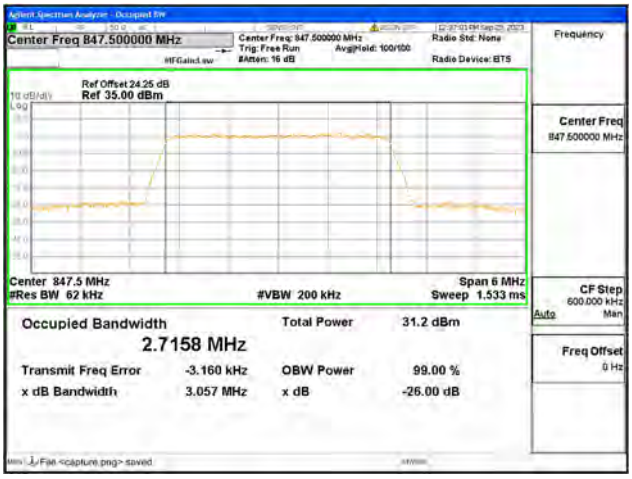
B5 / 3MHz / 16QAM/ Low CH



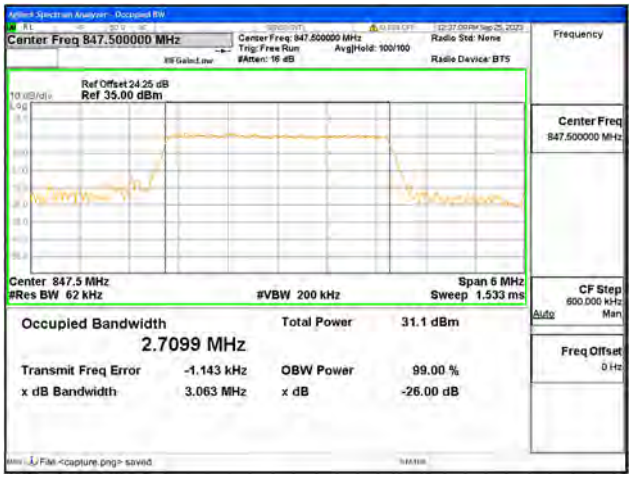
B5 / 3MHz / QPSK/ Mid CH



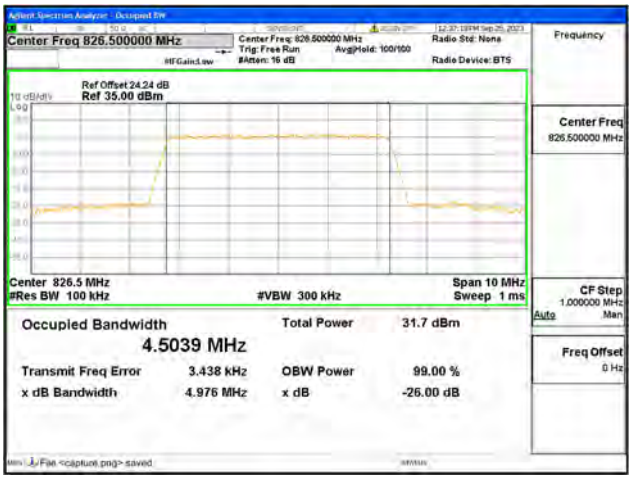
B5 / 3MHz / 16QAM/ Mid CH



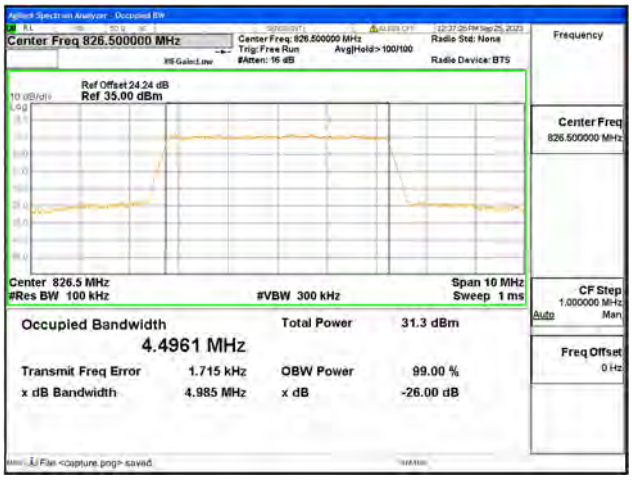
B5 / 3MHz / QPSK/ High CH



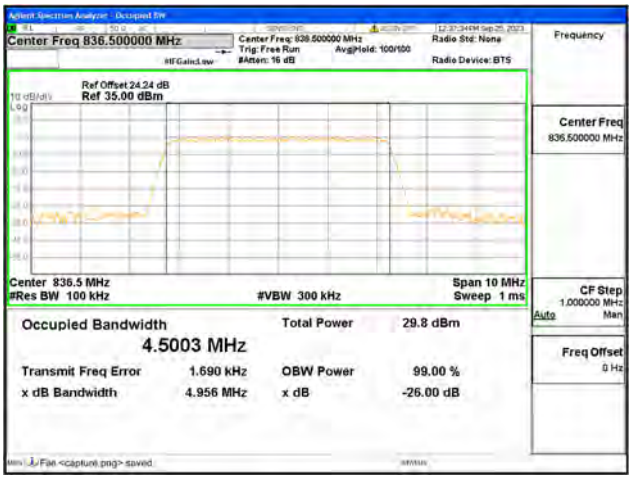
B5 / 3MHz / 16QAM/ High CH



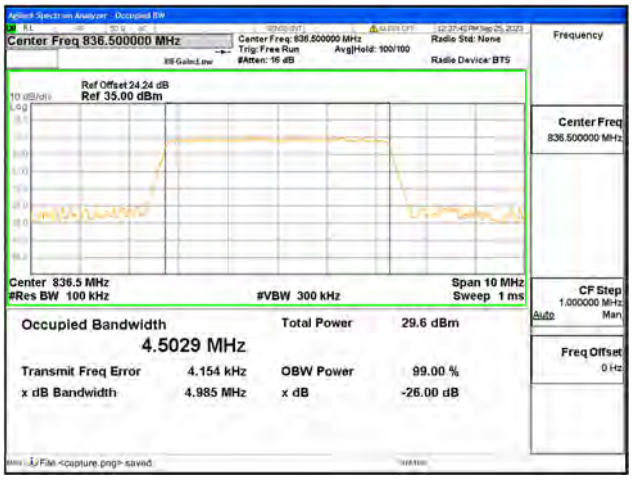
B5 / 5MHz / QPSK/ Low CH



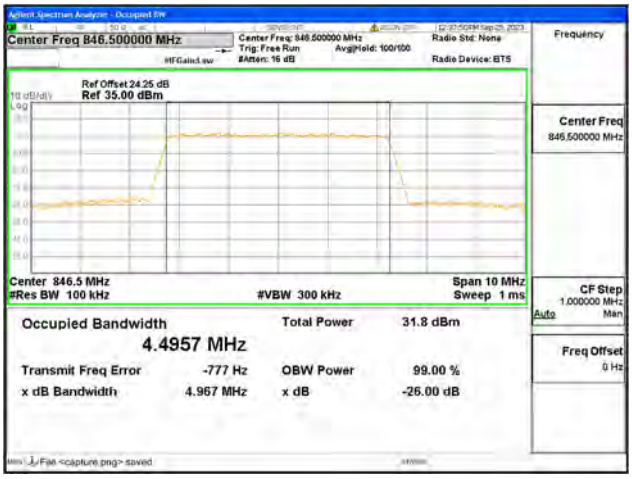
B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH

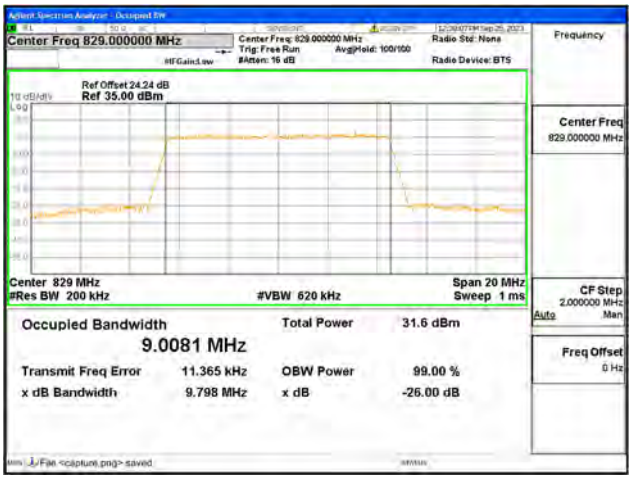


B5 / 5MHz / 16QAM/ Mid CH

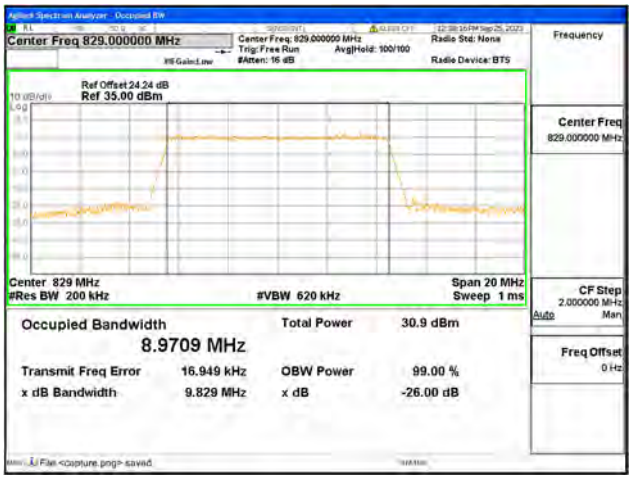


B5 / 5MHz / QPSK/ High CH

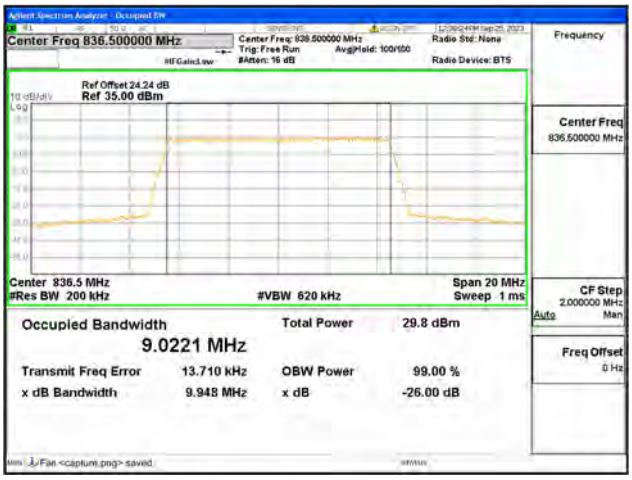
B5 / 5MHz / 16QAM/ High CH



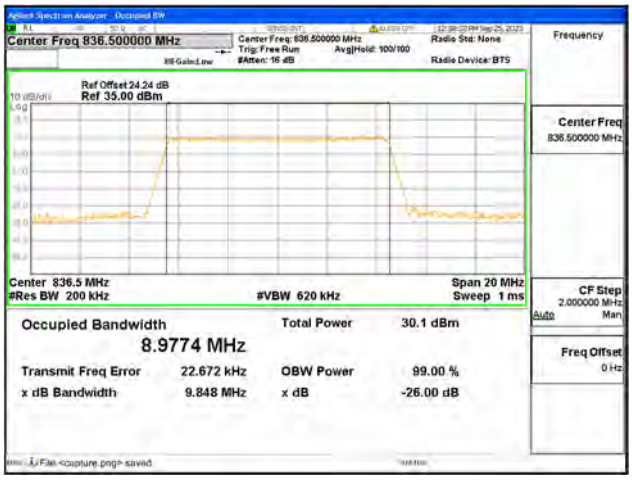
B5 / 10MHz / QPSK/ Low CH



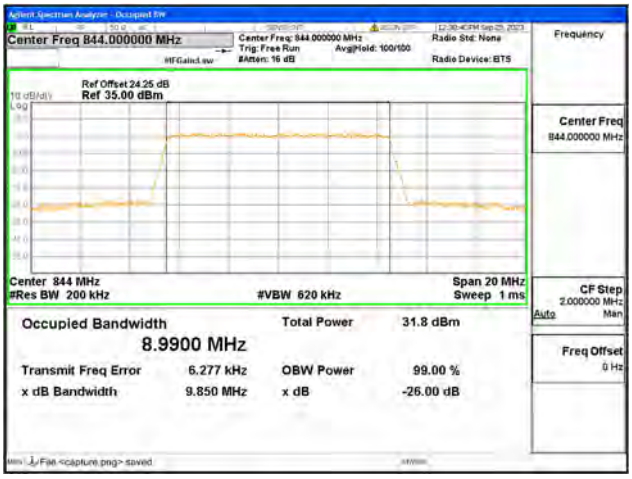
B5 / 10MHz / 16QAM/ Low CH



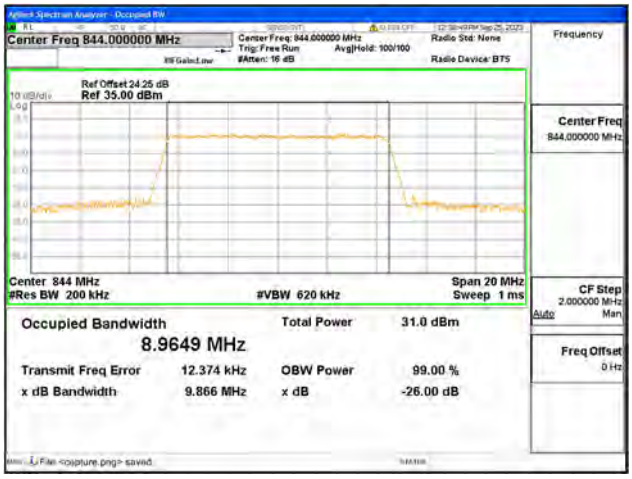
B5 / 10MHz / QPSK/ Mid CH



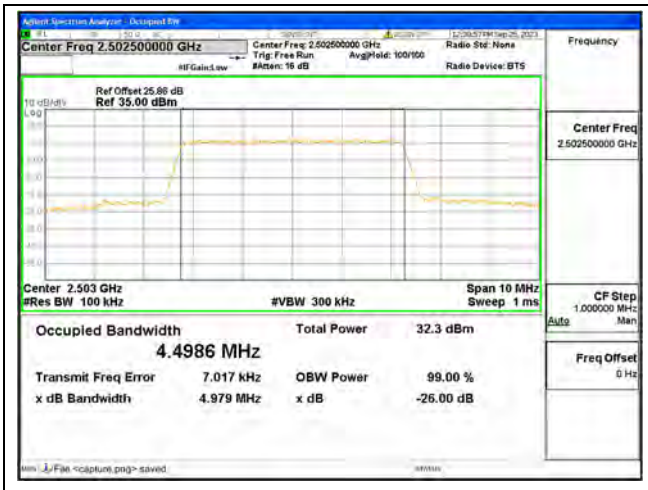
B5 / 10MHz / 16QAM/ Mid CH



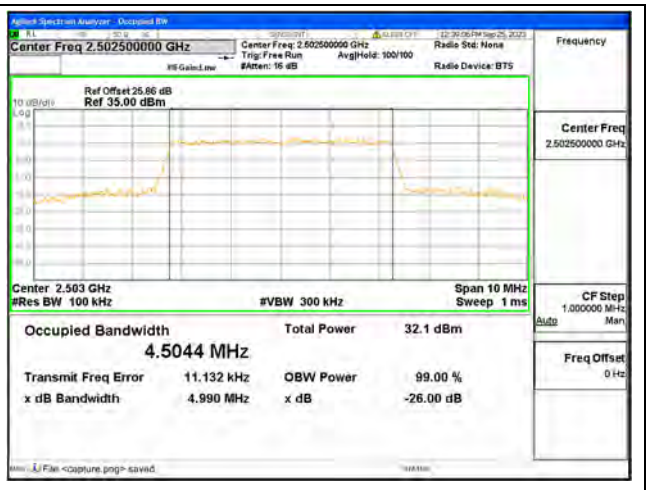
B5 / 10MHz / QPSK/ High CH



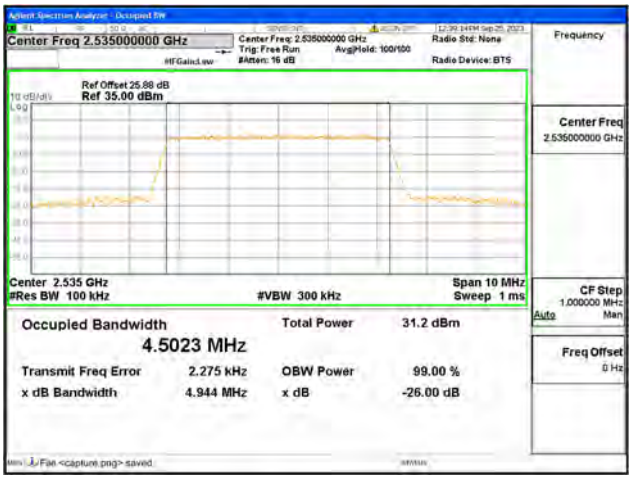
B5 / 10MHz / 16QAM/ High CH



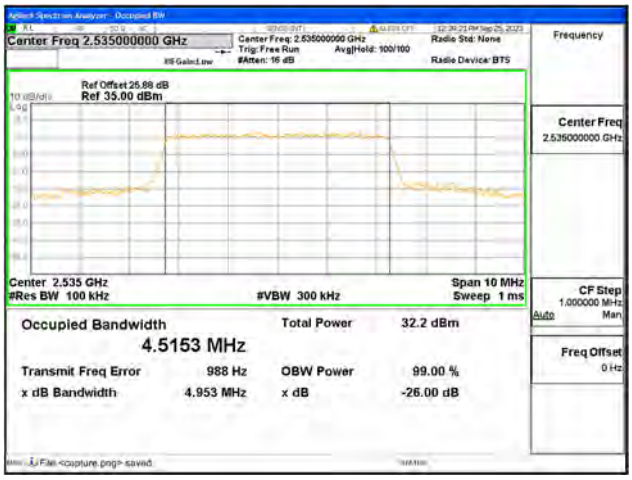
B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH

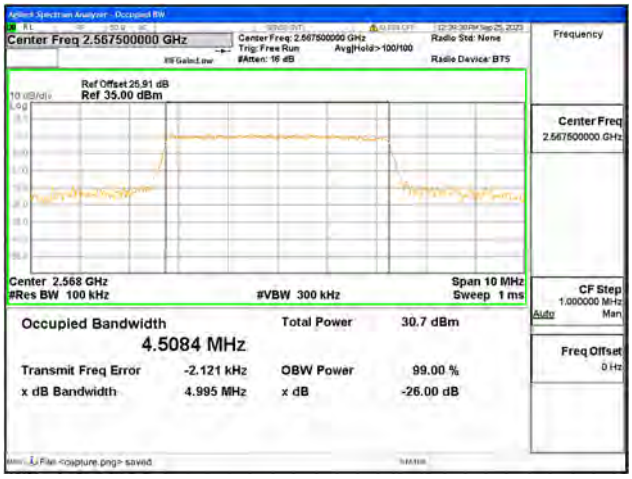


B7 / 5MHz / QPSK/ Mid CH

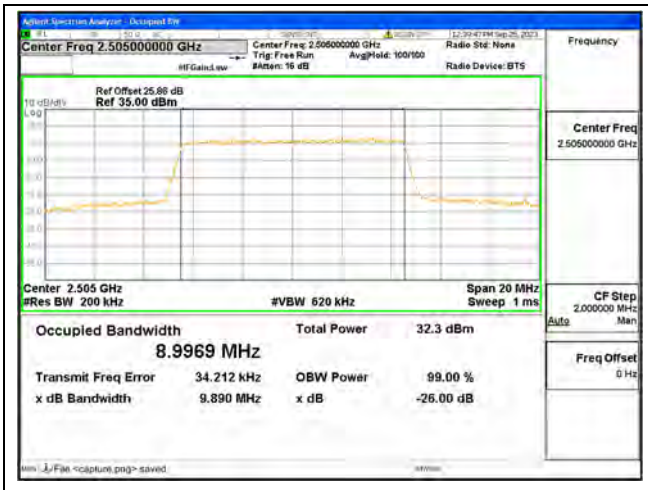


B7 / 5MHz / 16QAM/ Mid CH

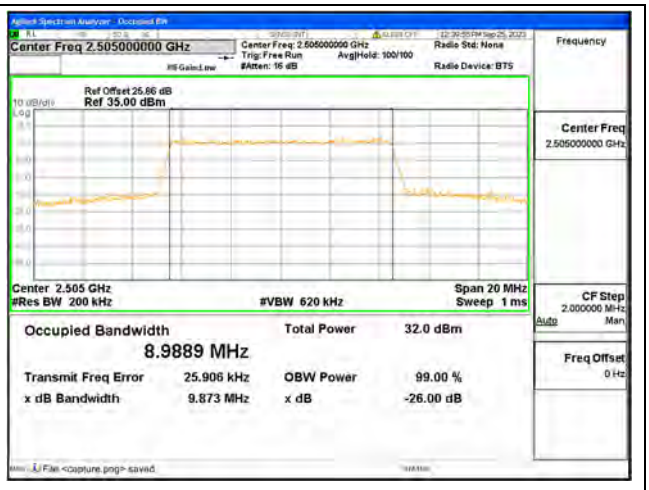
B7 / 5MHz / QPSK/ High CH



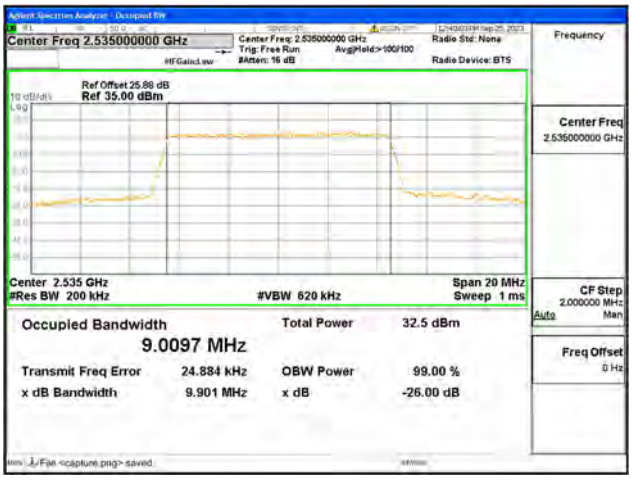
B7 / 5MHz / 16QAM/ High CH



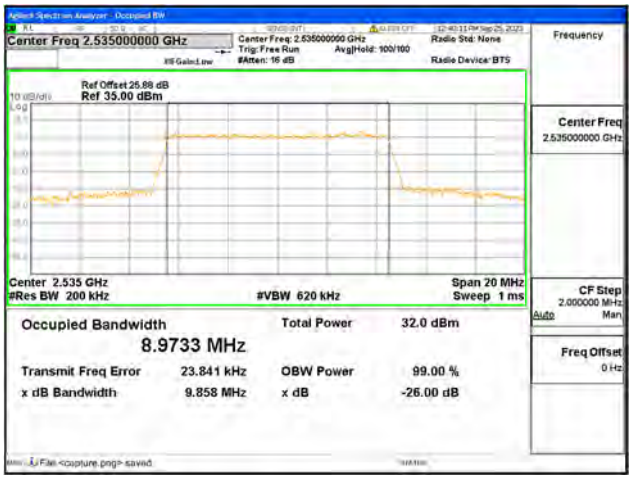
B7 / 10MHz / QPSK/ Low CH



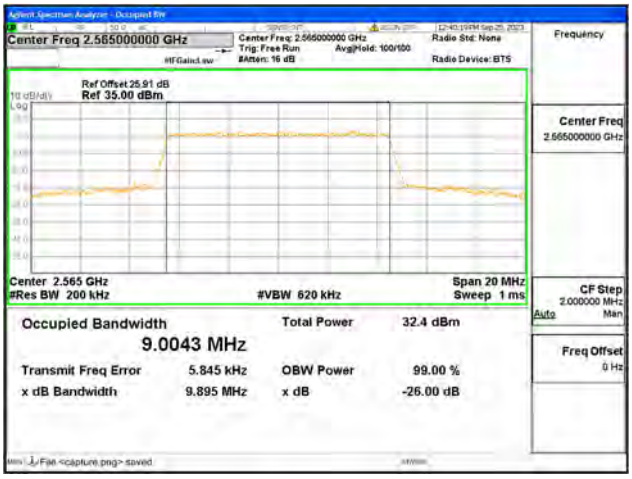
B7 / 10MHz / 16QAM/ Low CH



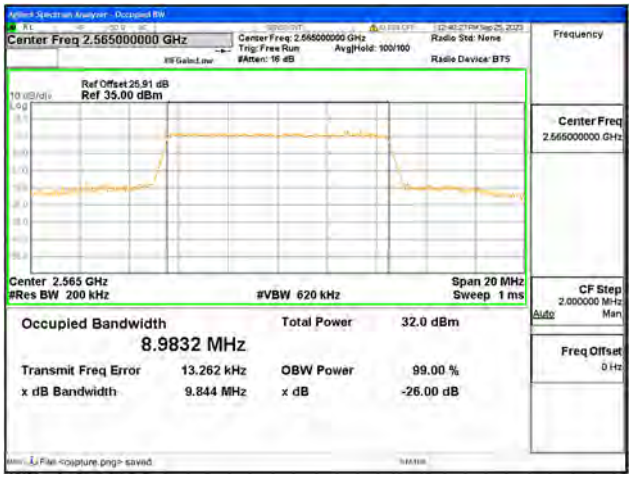
B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH

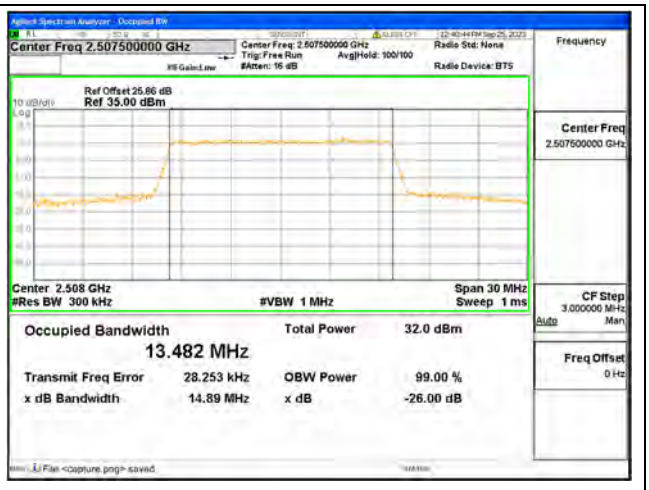


B7 / 10MHz / QPSK/ High CH

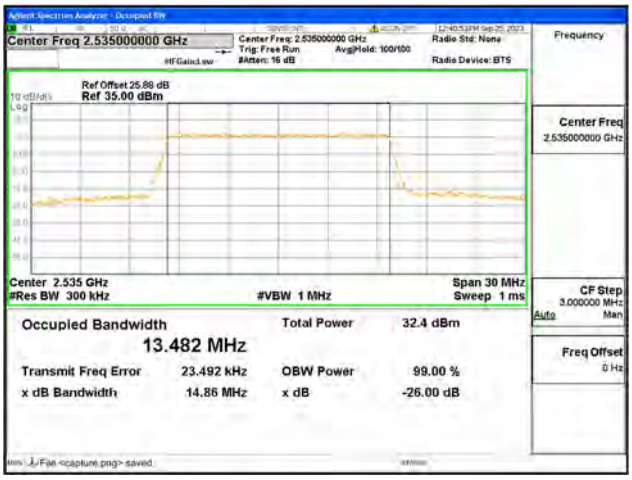


B7 / 10MHz / 16QAM/ High CH

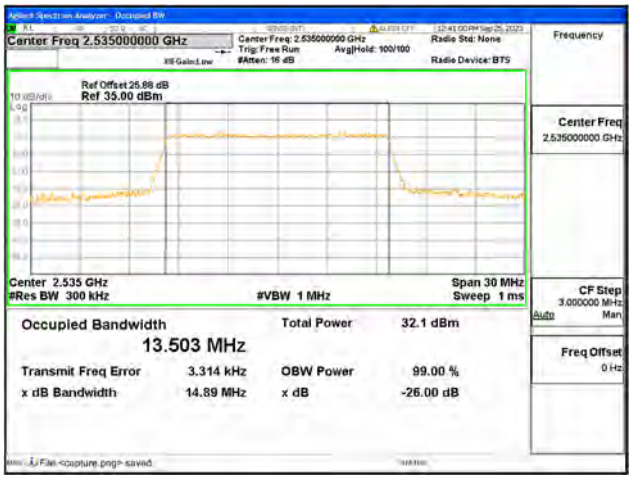
B7 / 15MHz / QPSK/ Low CH



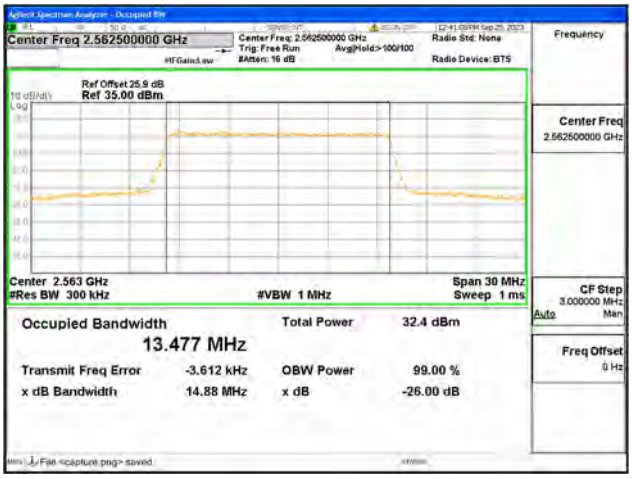
B7 / 15MHz / 16QAM/ Low CH



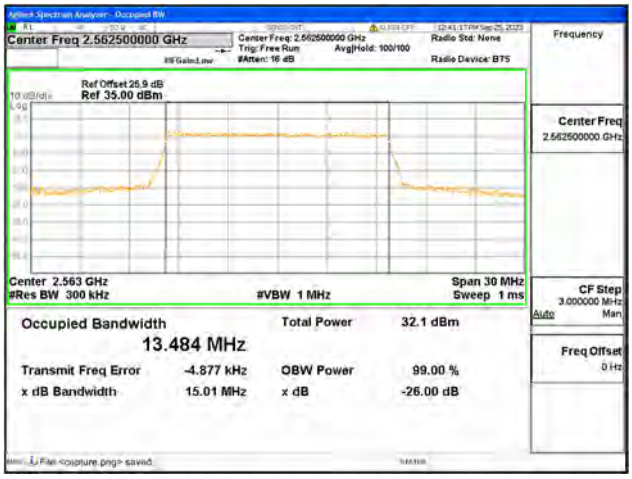
B7 / 15MHz / QPSK/ Mid CH



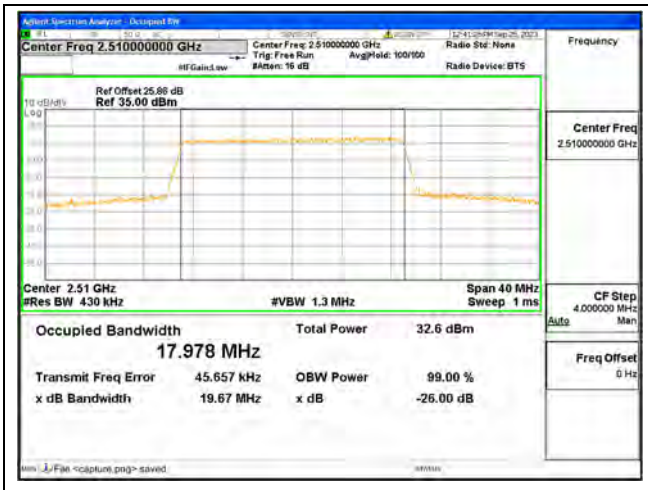
B7 / 15MHz / 16QAM/ Mid CH



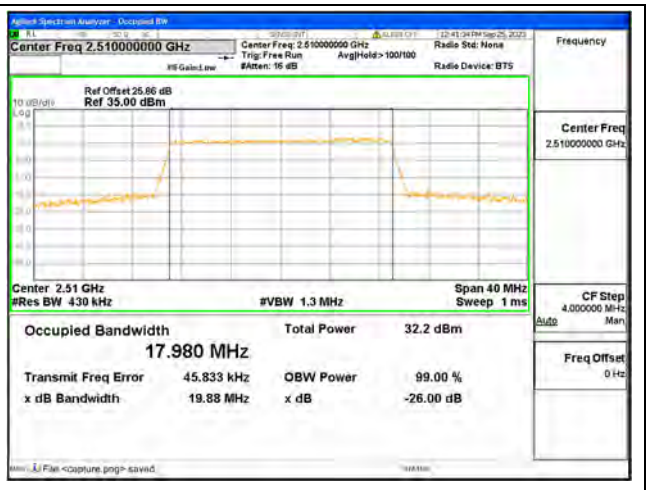
B7 / 15MHz / QPSK/ High CH



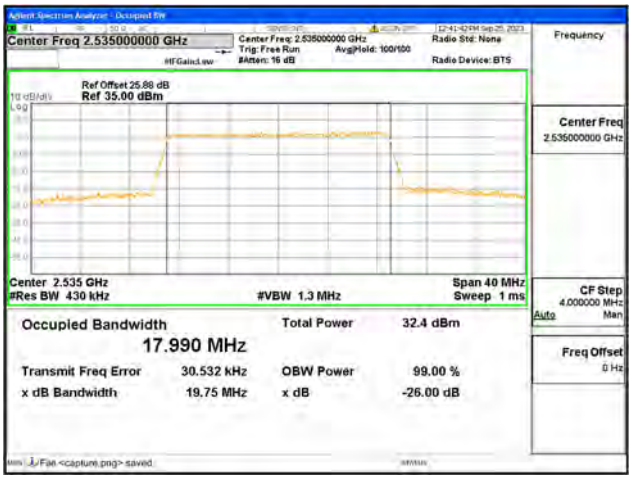
B7 / 15MHz / 16QAM/ High CH



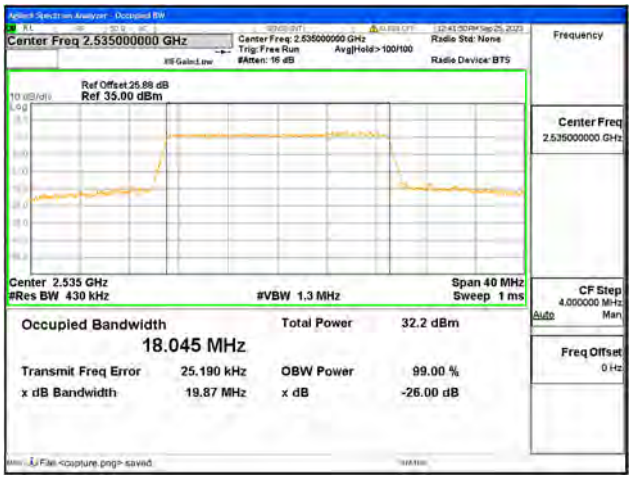
B7 / 20MHz / QPSK/ Low CH



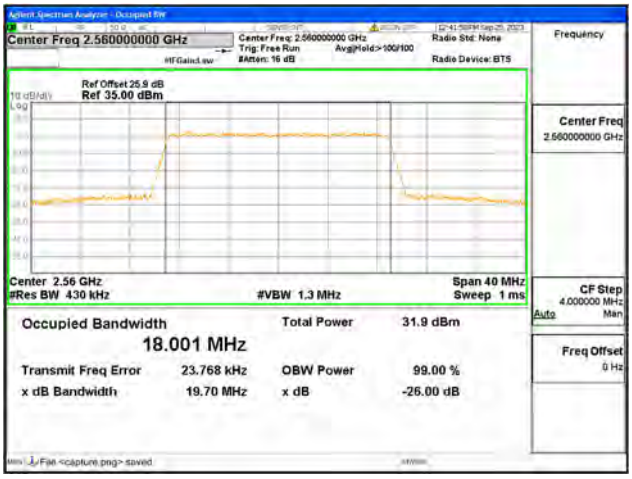
B7 / 20MHz / 16QAM/ Low CH



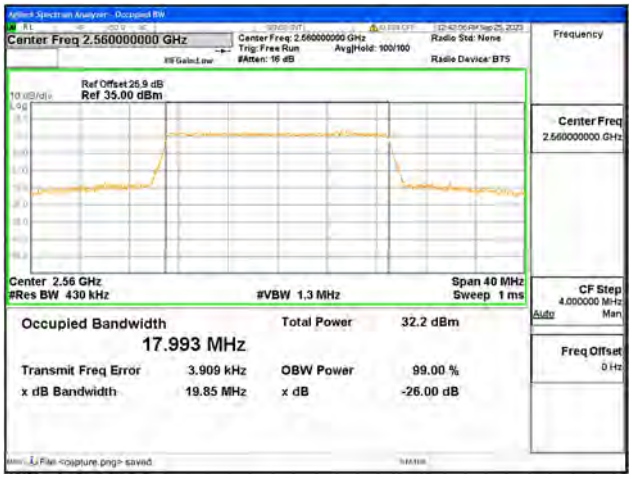
B7 / 20MHz / QPSK/ Mid CH



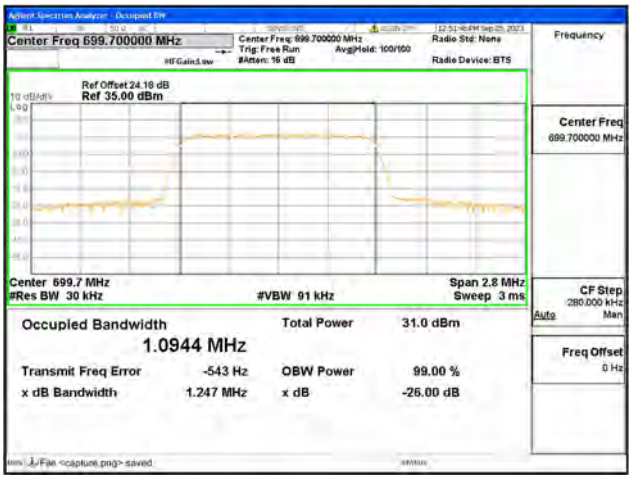
B7 / 20MHz / 16QAM/ Mid CH



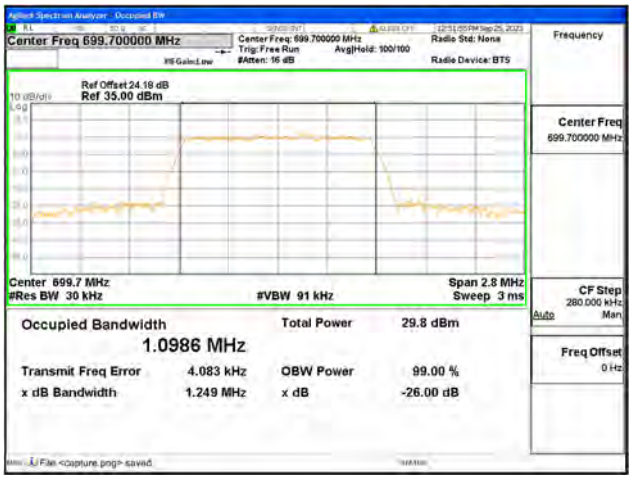
B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH

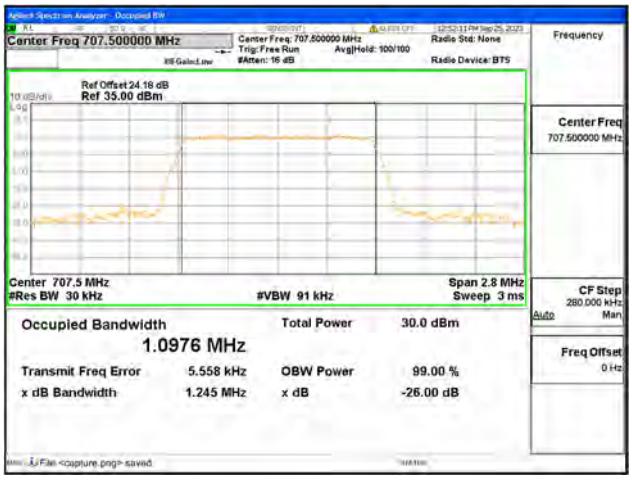


B12 / 1.4MHz / QPSK/ Low CH

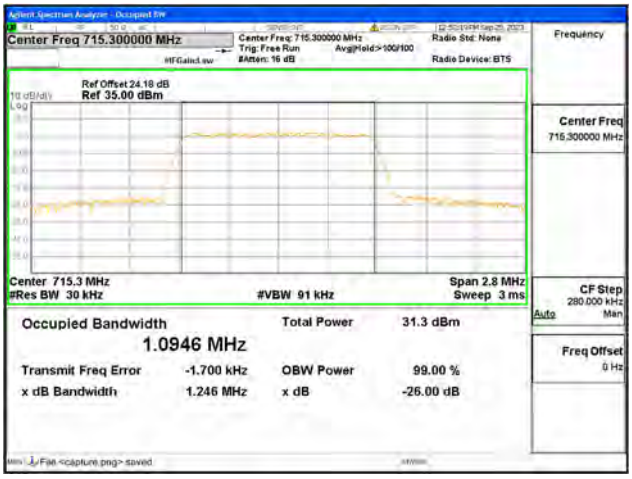


B12 / 1.4MHz / 16QAM/ Low CH

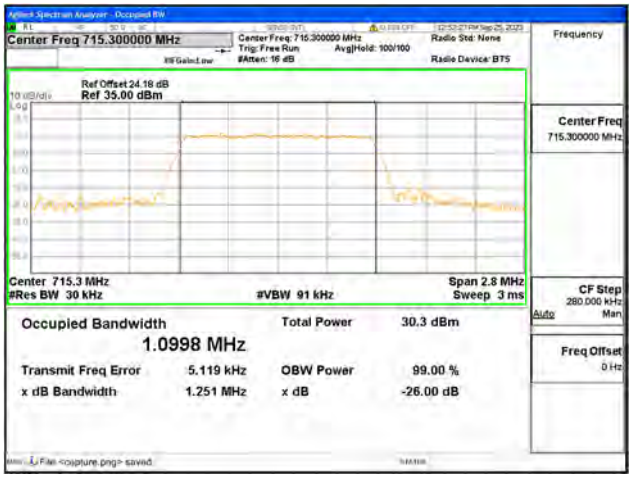
B12 / 1.4MHz / QPSK/ Mid CH



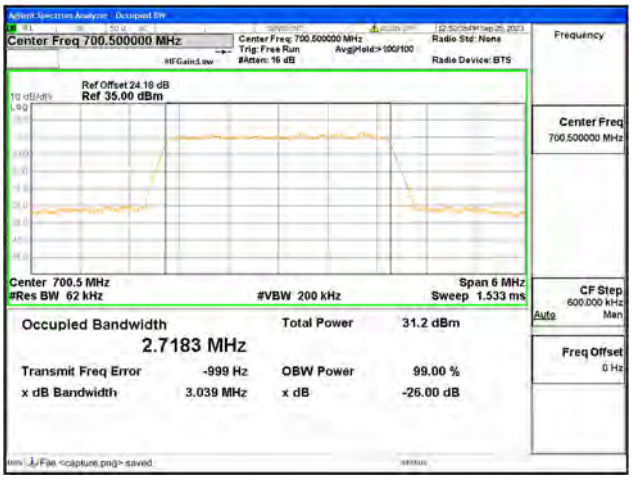
B12 / 1.4MHz / 16QAM/ Mid CH



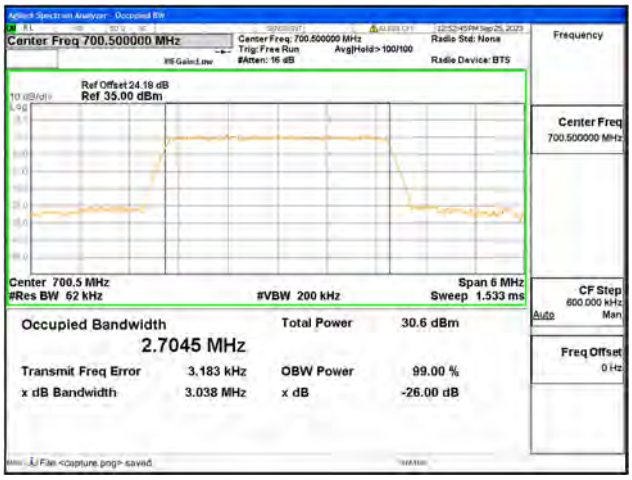
B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH

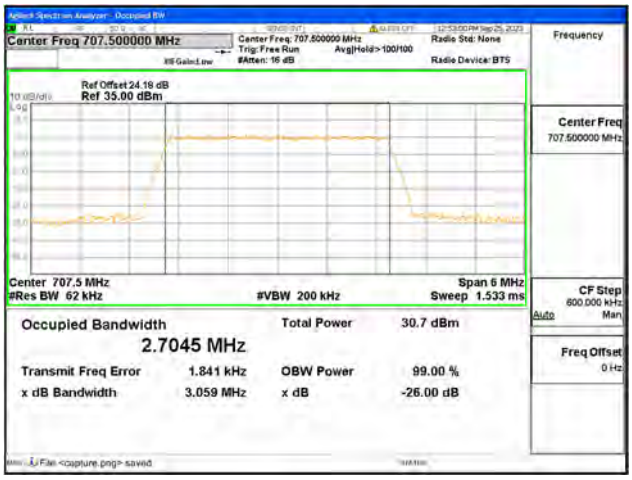


B12 / 3MHz / QPSK/ Low CH

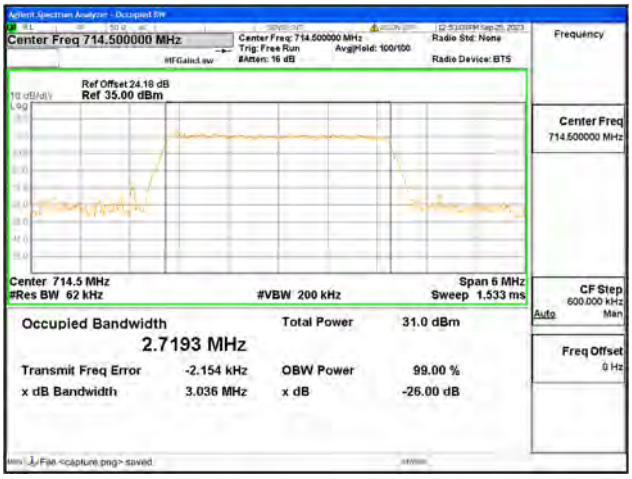


B12 / 3MHz / 16QAM/ Low CH

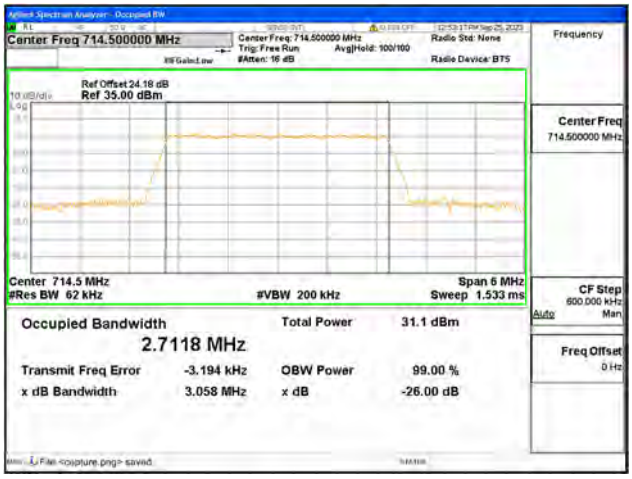
B12 / 3MHz / QPSK/ Mid CH



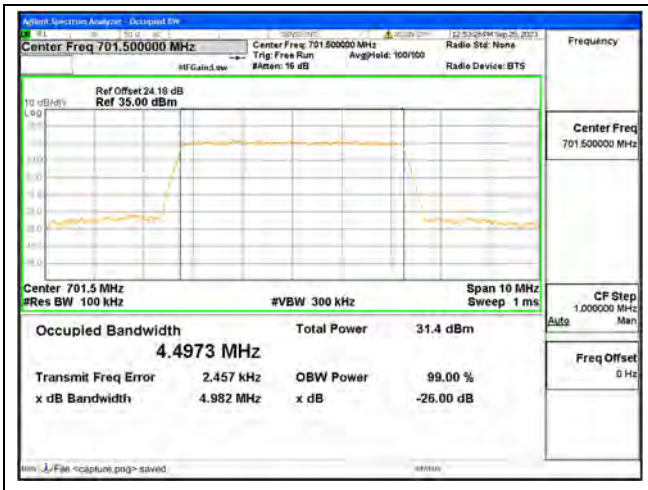
B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH

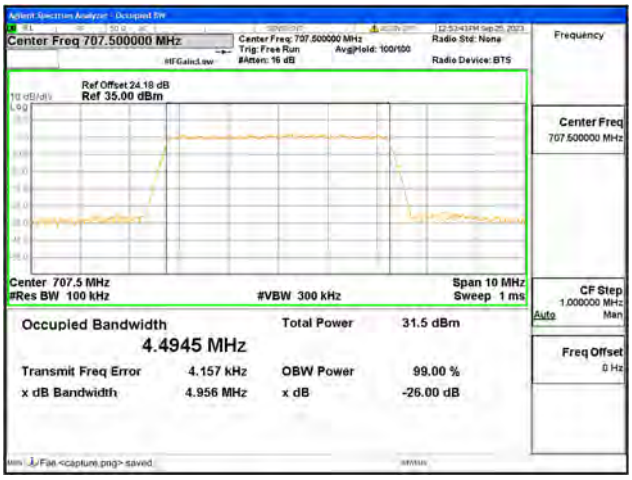


B12 / 3MHz / 16QAM/ High CH



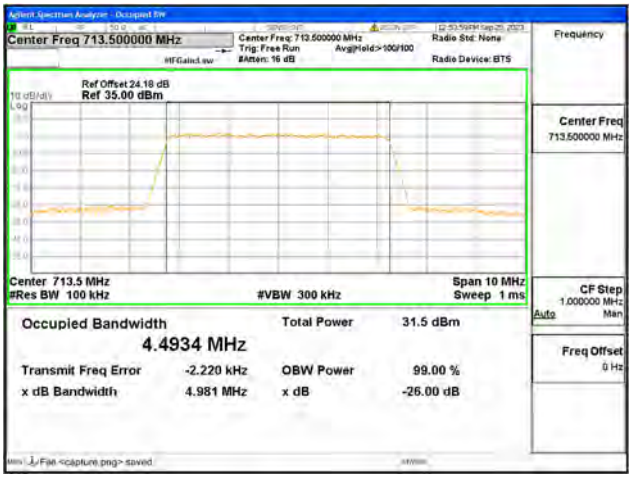
B12 / 5MHz / QPSK/ Low CH

B12 / 5MHz / 16QAM/ Low CH

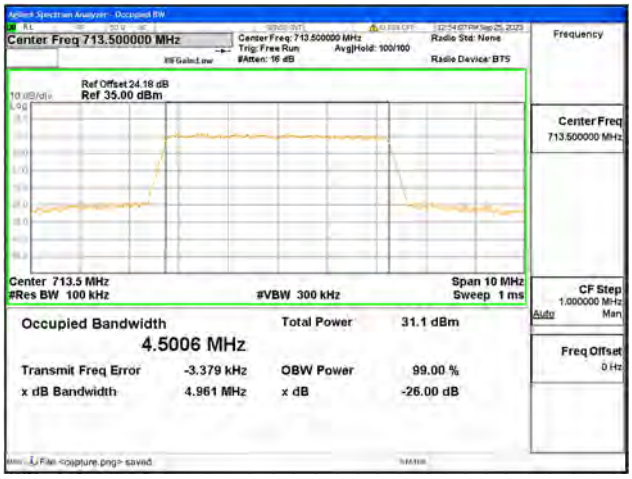


B12 / 5MHz / QPSK/ Mid CH

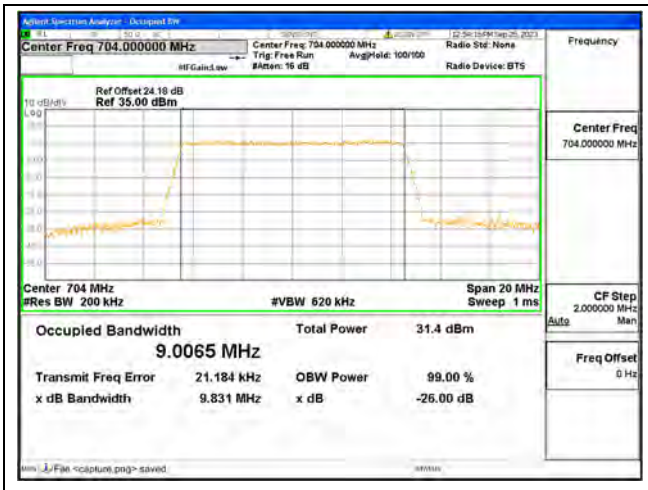
B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH

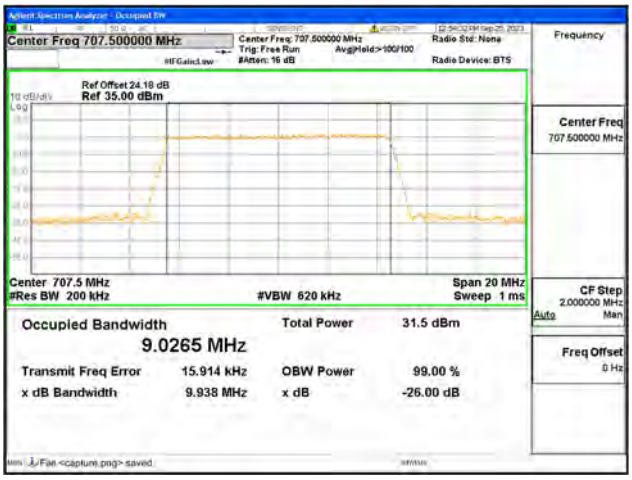


B12 / 5MHz / 16QAM/ High CH

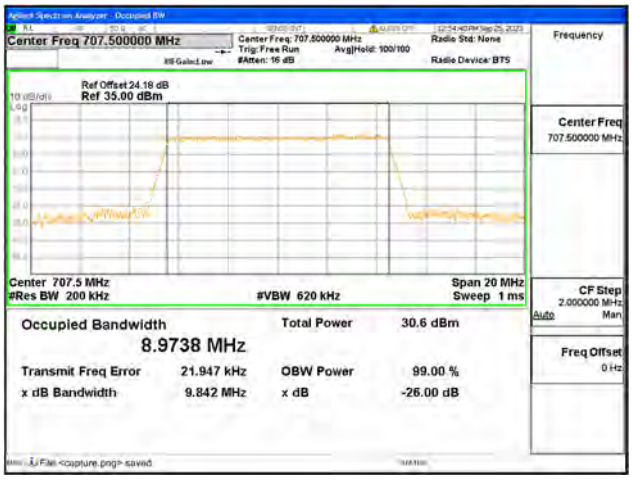


B12 / 10MHz / QPSK/ Low CH

B12 / 10MHz / 16QAM/ Low CH

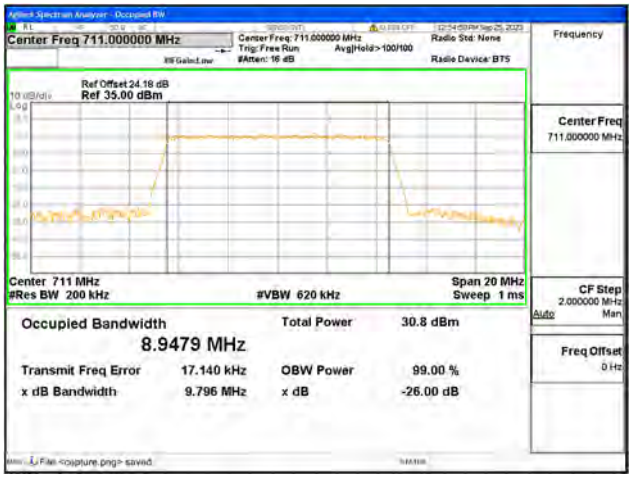


B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH

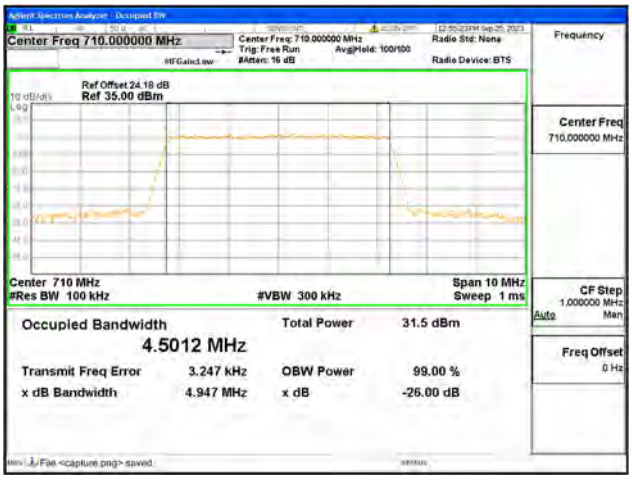
B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH

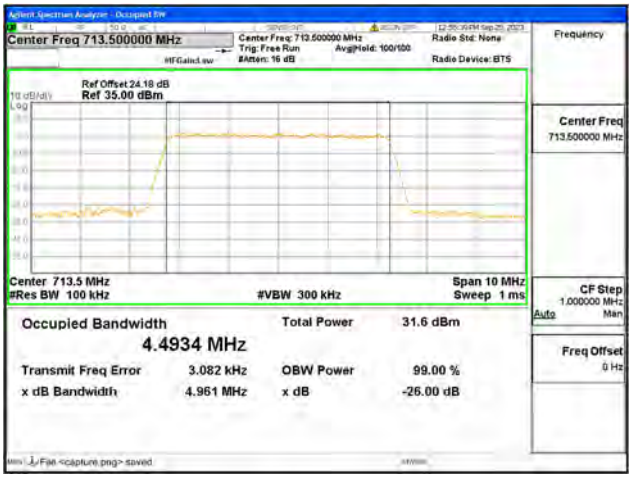
B17 / 5MHz / QPSK/ Low CH

B17 / 5MHz / 16QAM/ Low CH

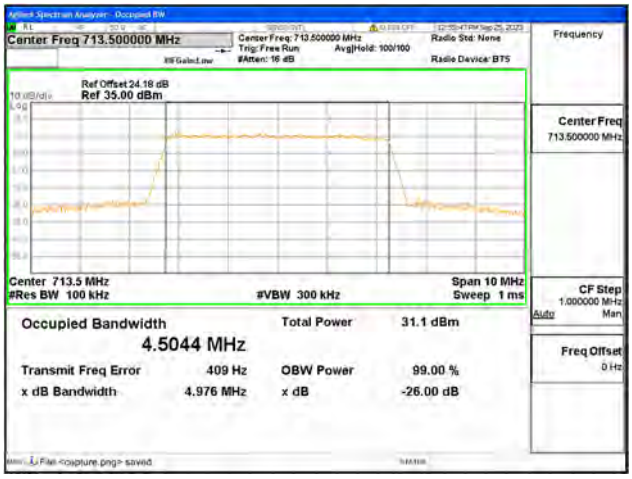


B17 / 5MHz / QPSK/ Mid CH

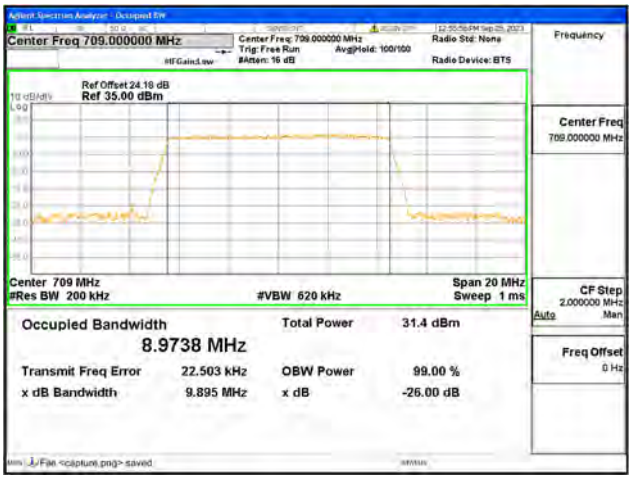
B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / QPSK/ High CH

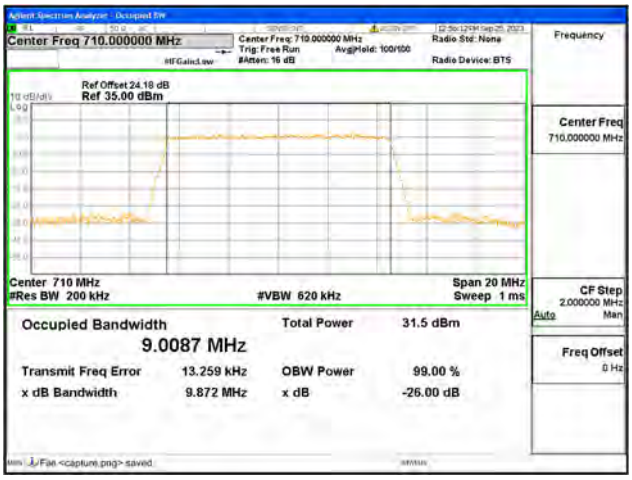


B17 / 5MHz / 16QAM/ High CH



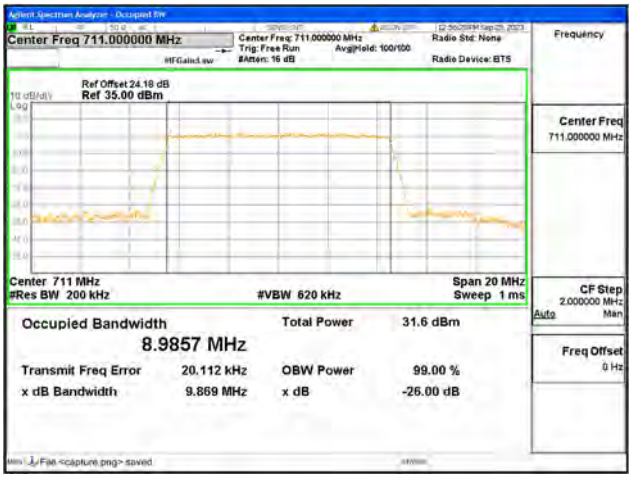
B17 / 10MHz / QPSK/ Low CH

B17 / 10MHz / 16QAM/ Low CH

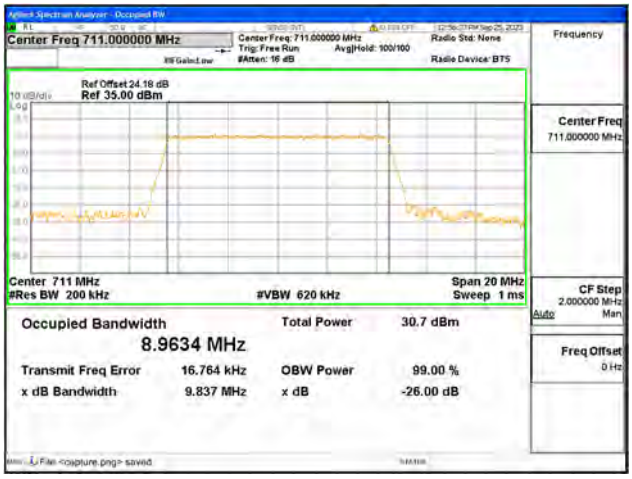


B17 / 10MHz / QPSK/ Mid CH

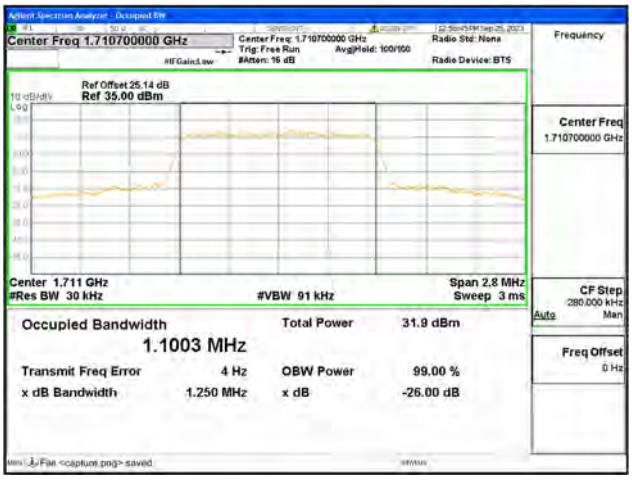
B17 / 10MHz / 16QAM/ Mid CH



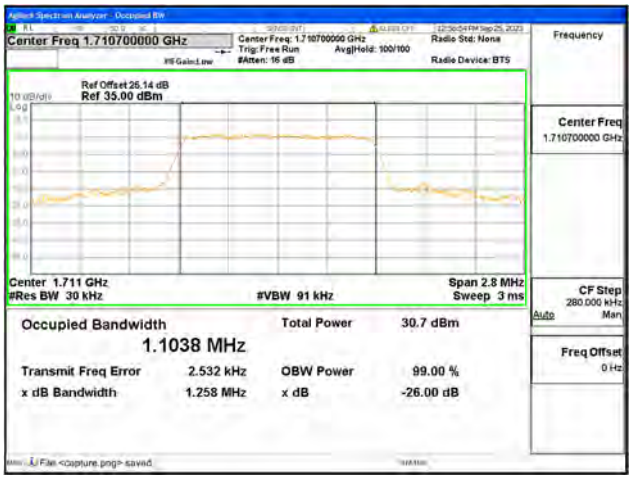
B17 / 10MHz / QPSK/ High CH



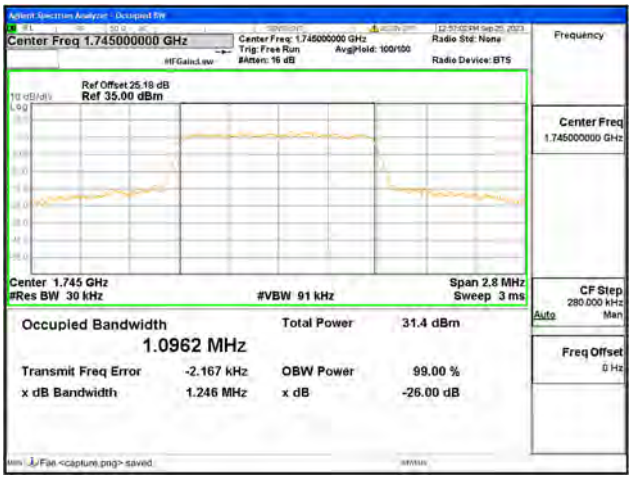
B17 / 10MHz / 16QAM/ High CH



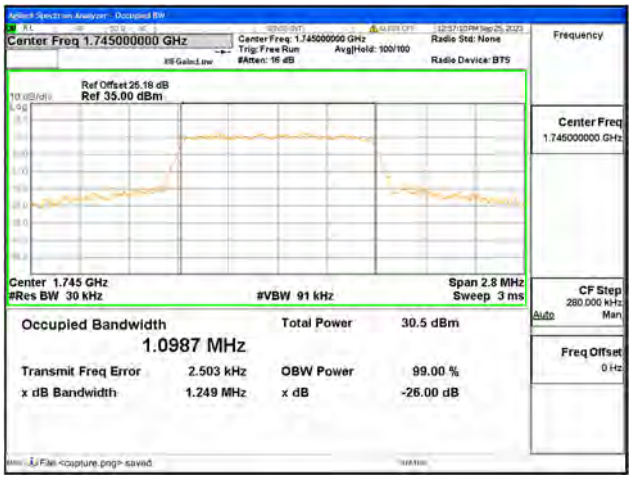
B66 / 1.4MHz / QPSK/ Low CH



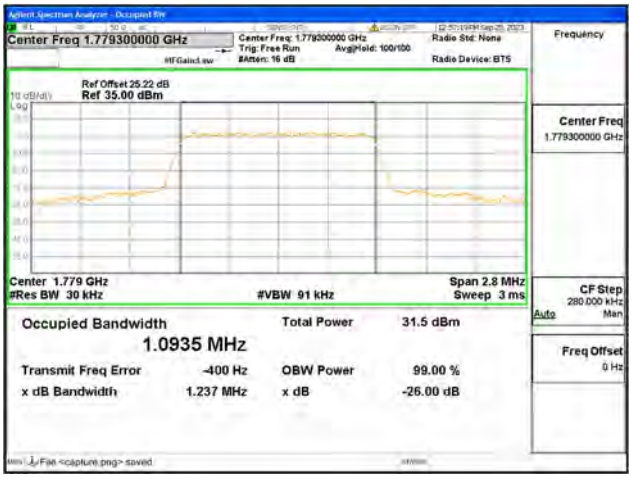
B66 / 1.4MHz / 16QAM/ Low CH



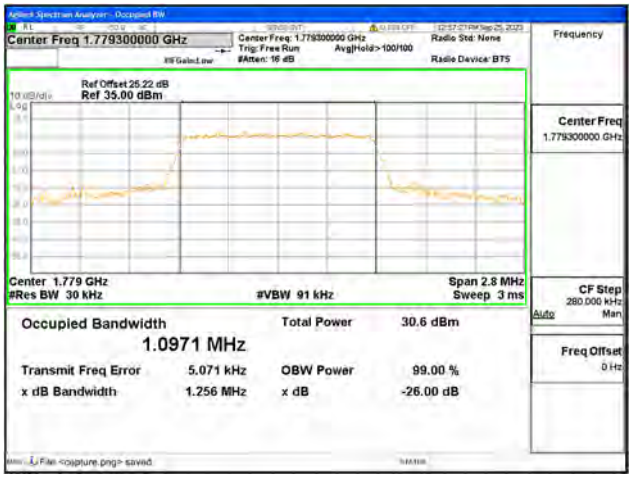
B66 / 1.4MHz / QPSK/ Mid CH



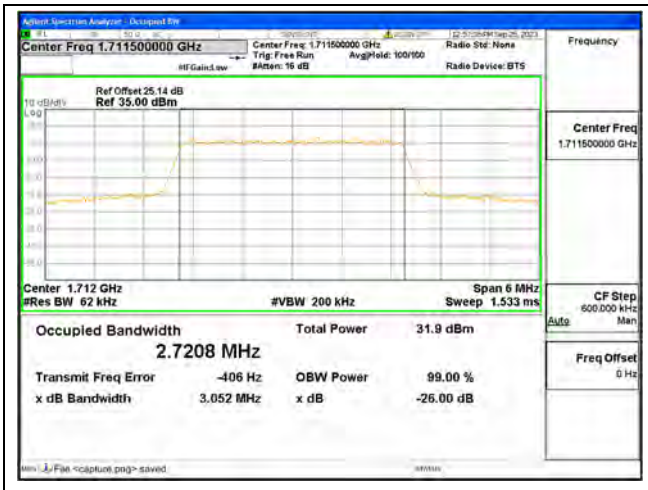
B66 / 1.4MHz / 16QAM/ Mid CH



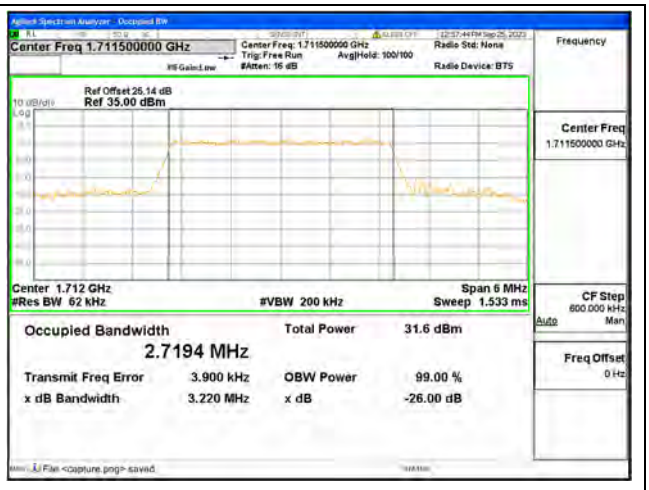
B66 / 1.4MHz / QPSK/ High CH



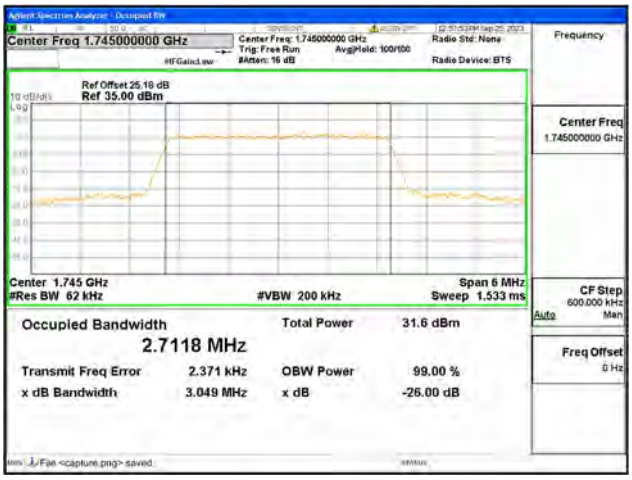
B66 / 1.4MHz / 16QAM/ High CH



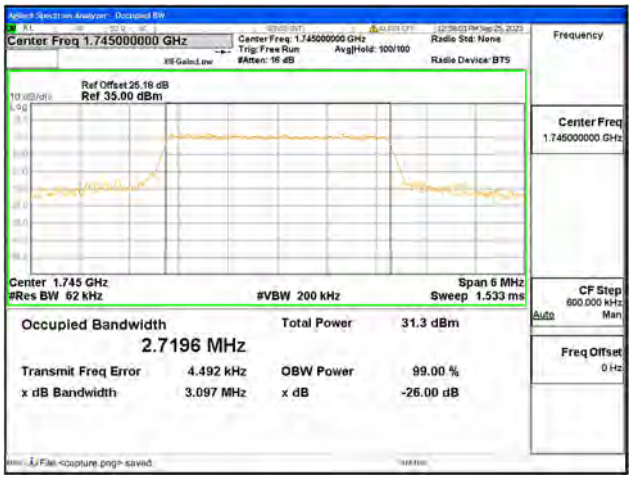
B66 / 3MHz / QPSK/ Low CH



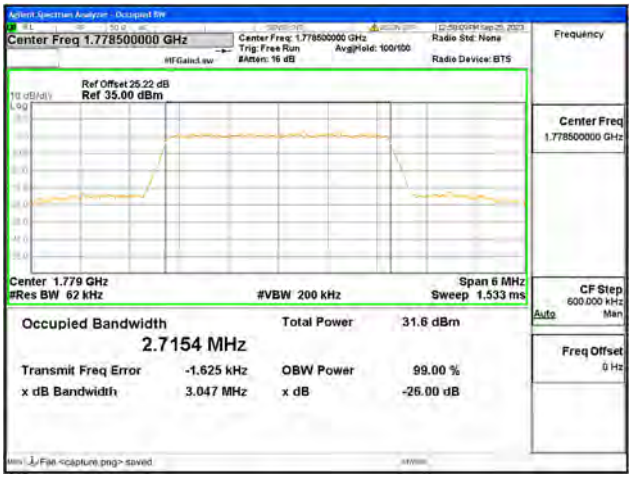
B66 / 3MHz / 16QAM/ Low CH



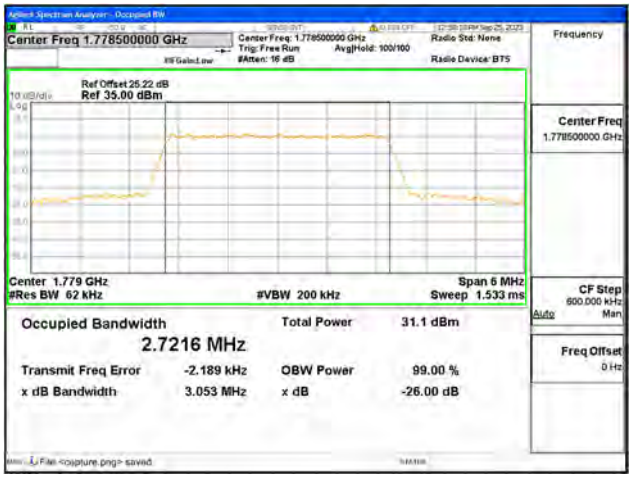
B66 / 3MHz / QPSK/ Mid CH



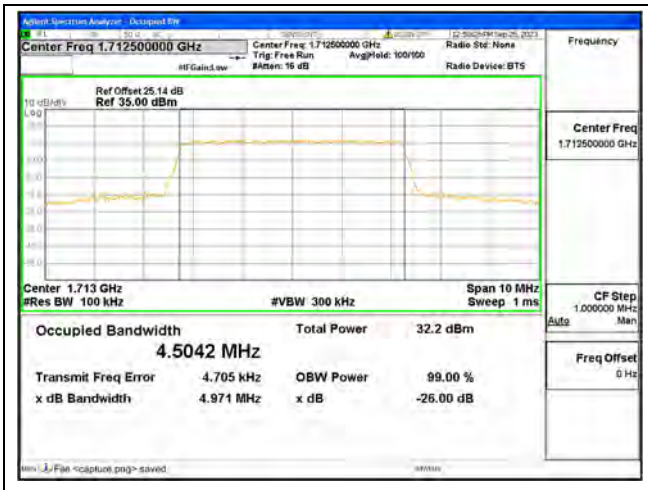
B66 / 3MHz / 16QAM/ Mid CH



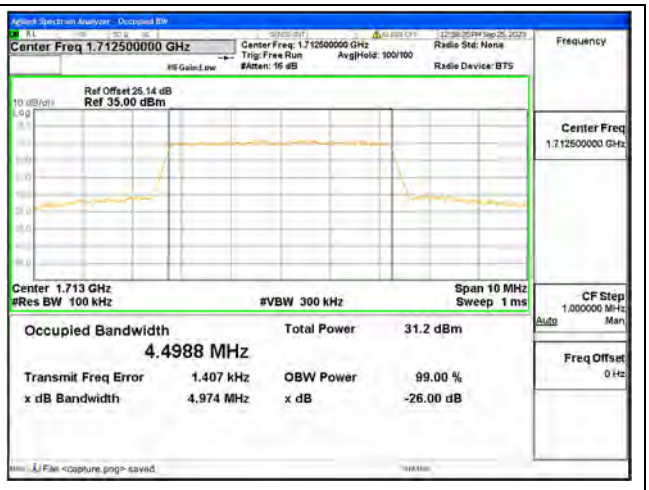
B66 / 3MHz / QPSK/ High CH



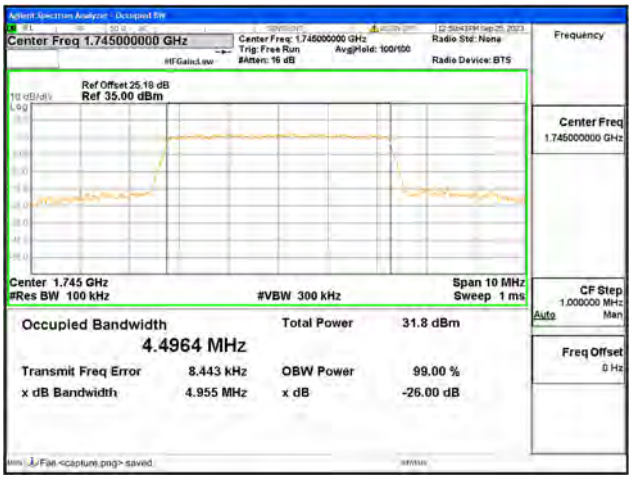
B66 / 3MHz / 16QAM/ High CH



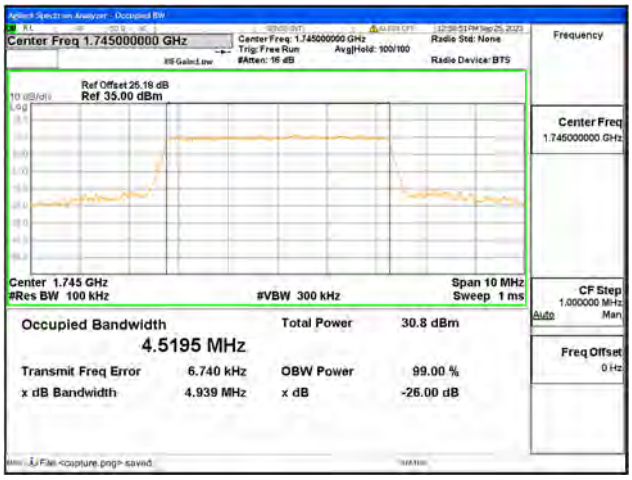
B66 / 5MHz / QPSK/ Low CH



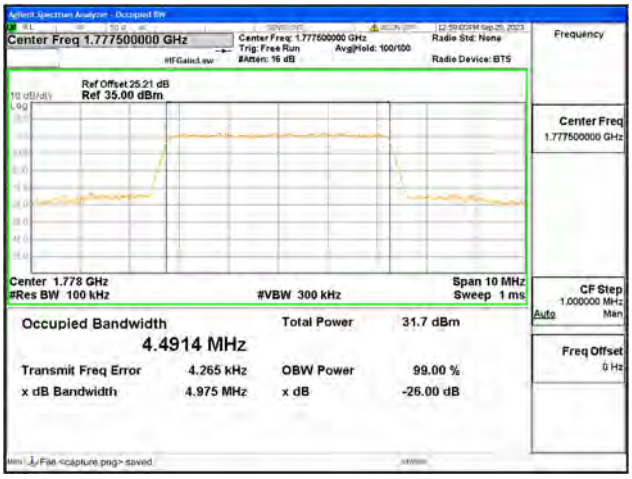
B66 / 5MHz / 16QAM/ Low CH



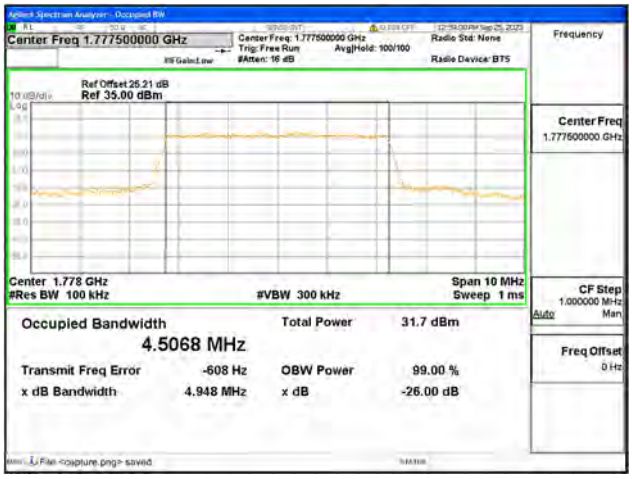
B66 / 5MHz / QPSK/ Mid CH



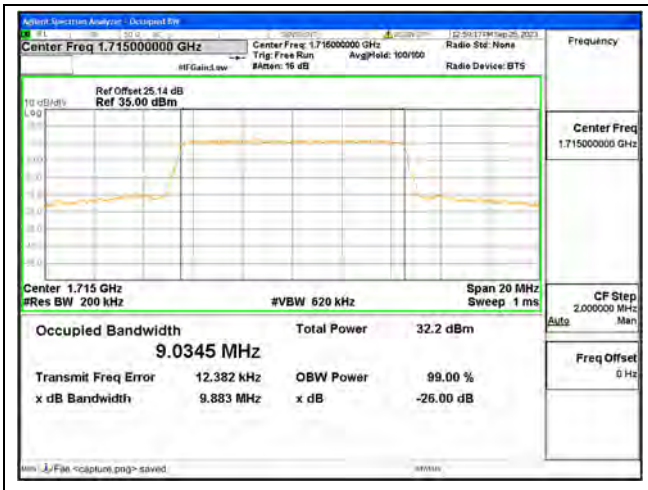
B66 / 5MHz / 16QAM/ Mid CH



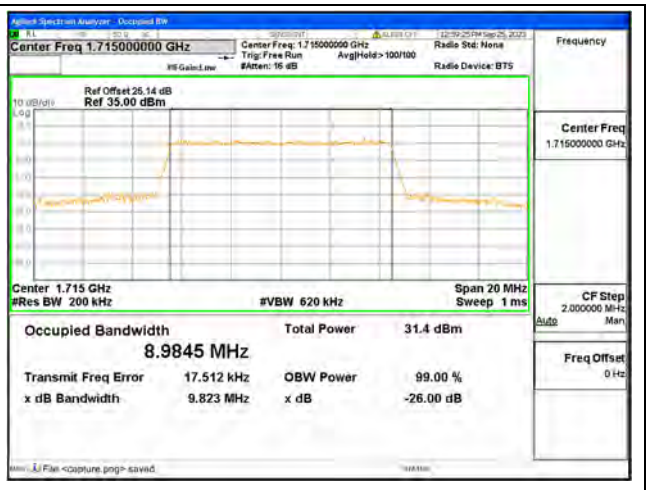
B66 / 5MHz / QPSK/ High CH



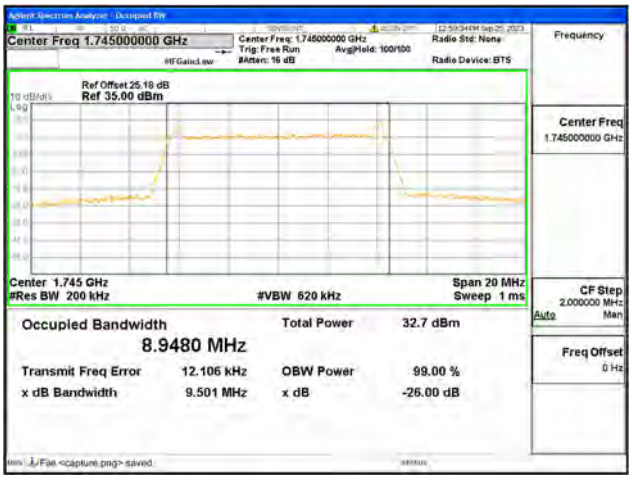
B66 / 5MHz / 16QAM/ High CH



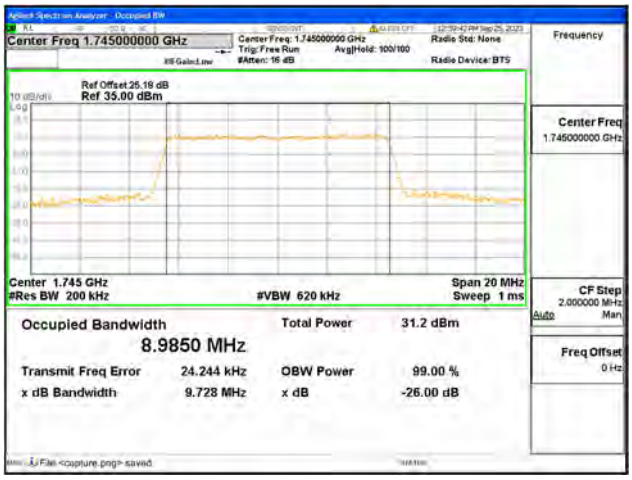
B66 / 10MHz / QPSK/ Low CH



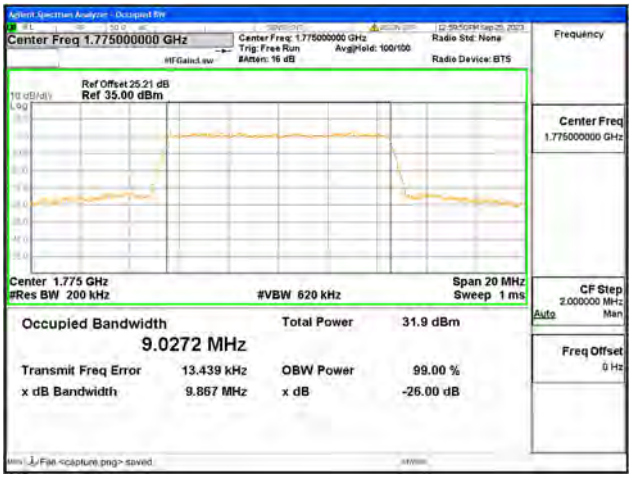
B66 / 10MHz / 16QAM/ Low CH



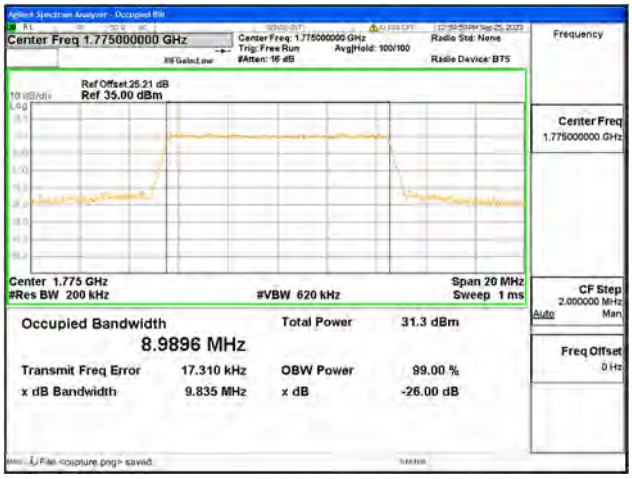
B66 / 10MHz / QPSK/ Mid CH



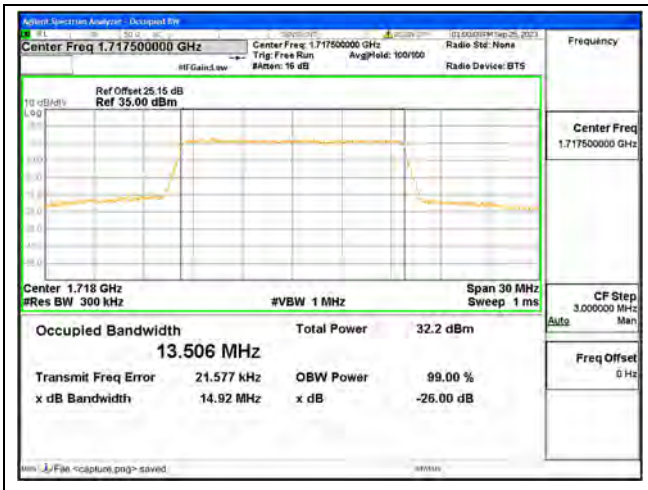
B66 / 10MHz / 16QAM/ Mid CH



B66 / 10MHz / QPSK/ High CH

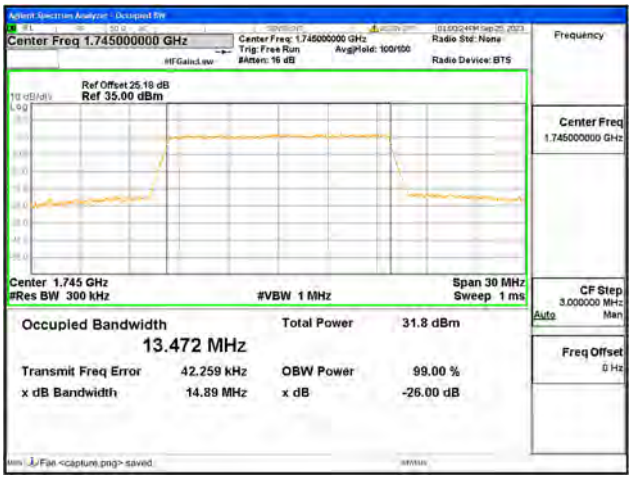


B66 / 10MHz / 16QAM/ High CH

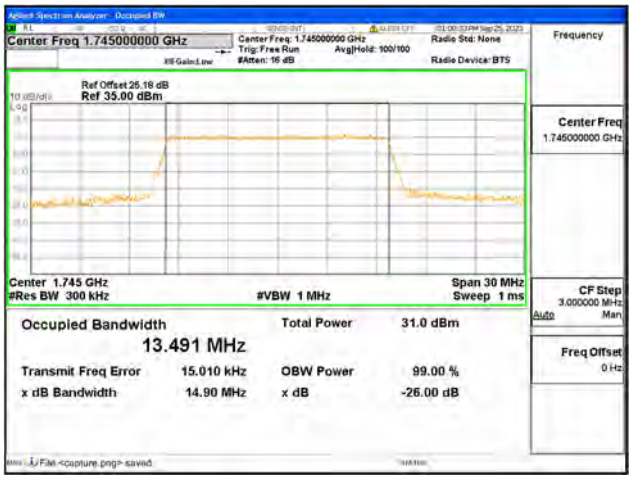


B66 / 15MHz / QPSK/ Low CH

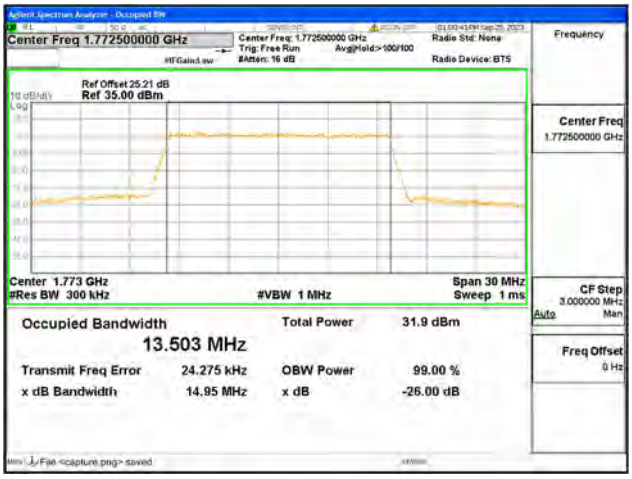
B66 / 15MHz / 16QAM/ Low CH



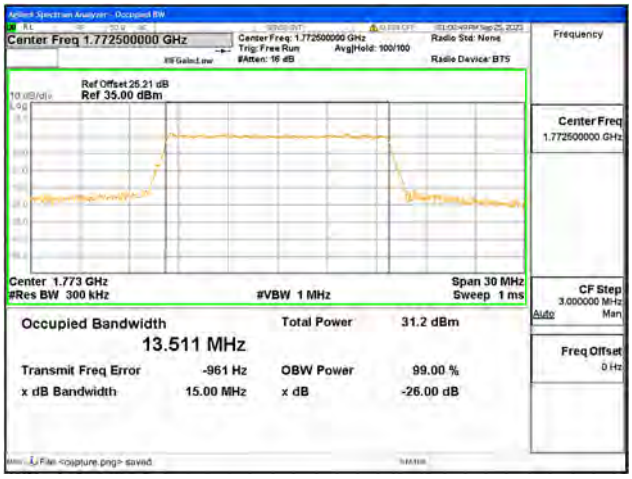
B66 / 15MHz / QPSK/ Mid CH



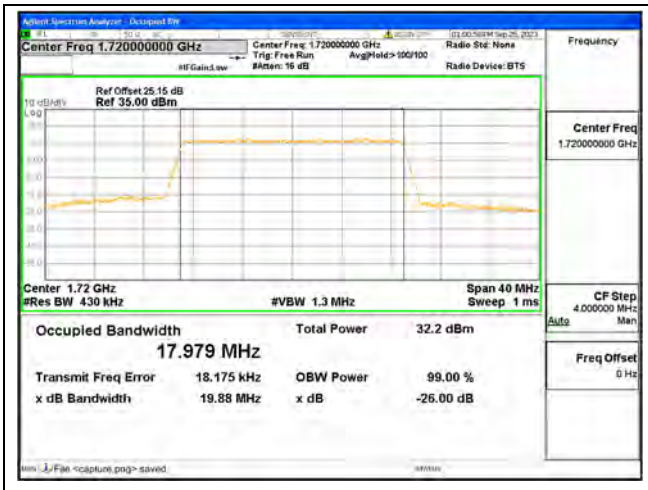
B66 / 15MHz / 16QAM/ Mid CH



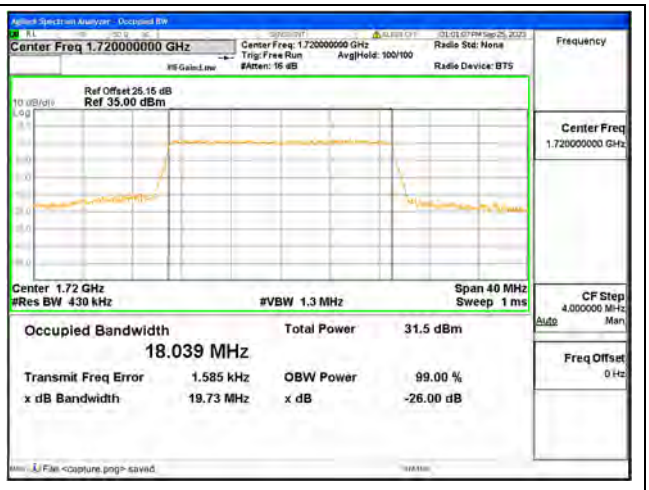
B66 / 15MHz / QPSK/ High CH



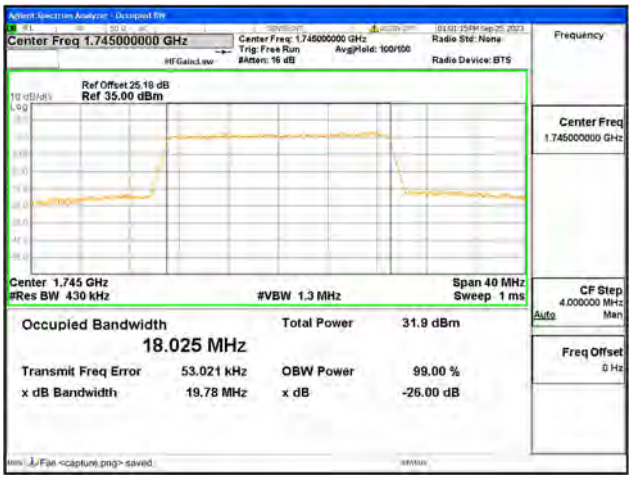
B66 / 15MHz / 16QAM/ High CH



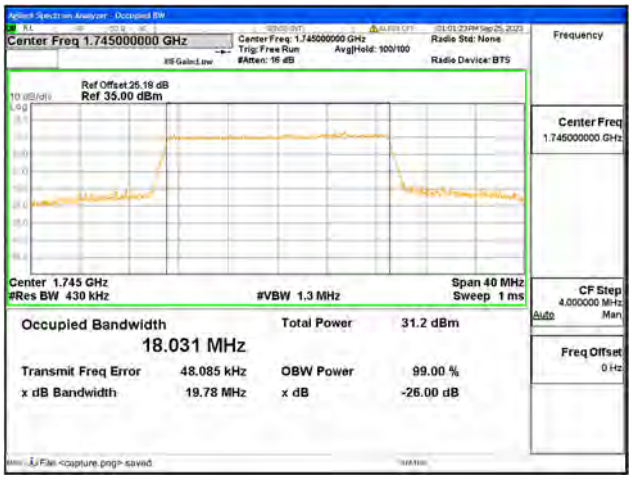
B66 / 20MHz / QPSK/ Low CH



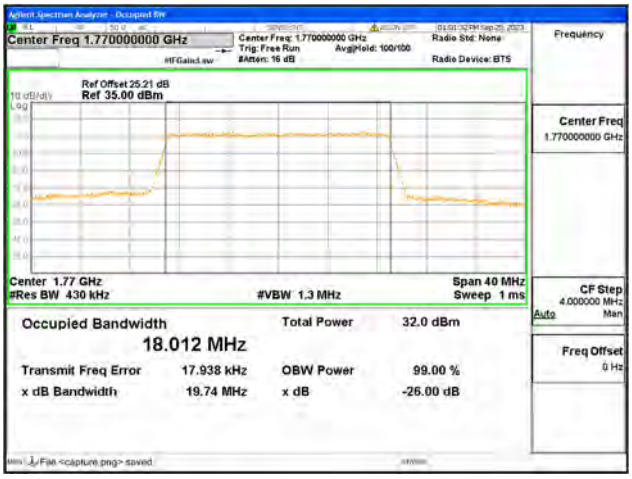
B66 / 20MHz / 16QAM/ Low CH



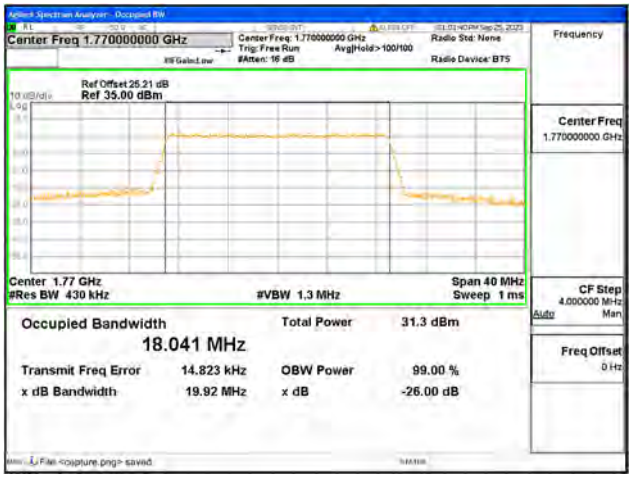
B66 / 20MHz / QPSK/ Mid CH



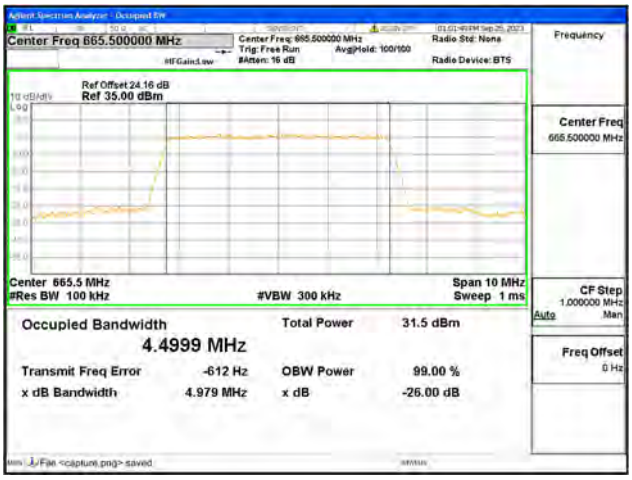
B66 / 20MHz / 16QAM/ Mid CH



B66 / 20MHz / QPSK/ High CH

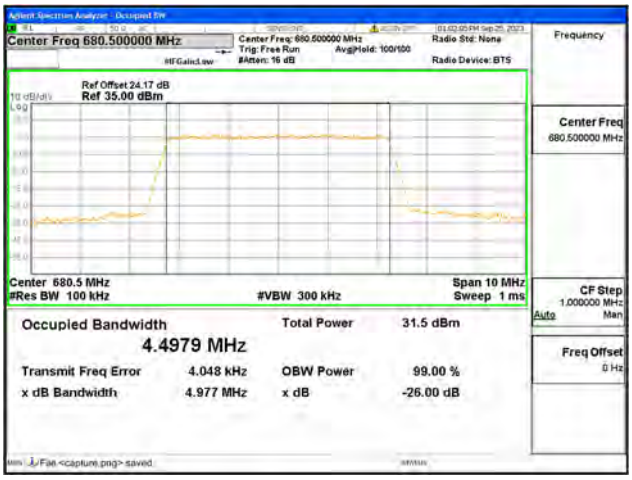


B66 / 20MHz / 16QAM/ High CH

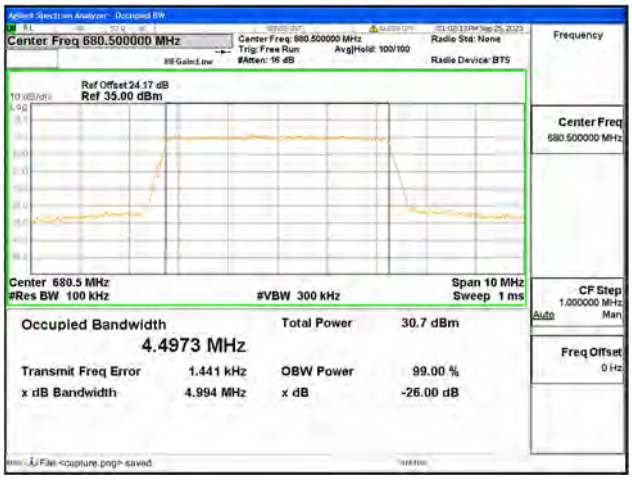


B71 / 5MHz / QPSK/ Low CH

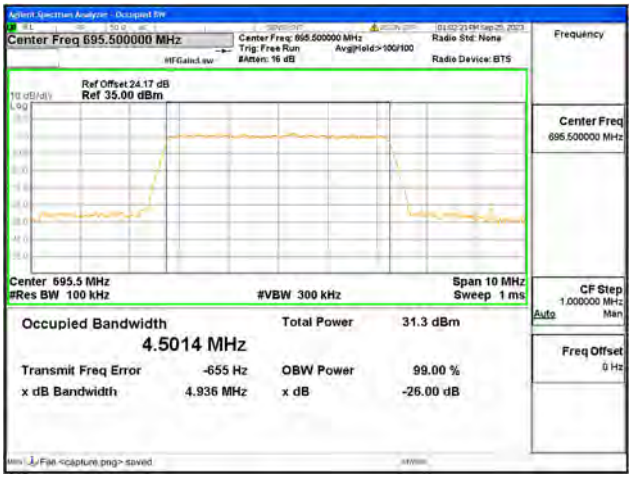
B71 / 5MHz / 16QAM/ Low CH



B71 / 5MHz / QPSK/ Mid CH

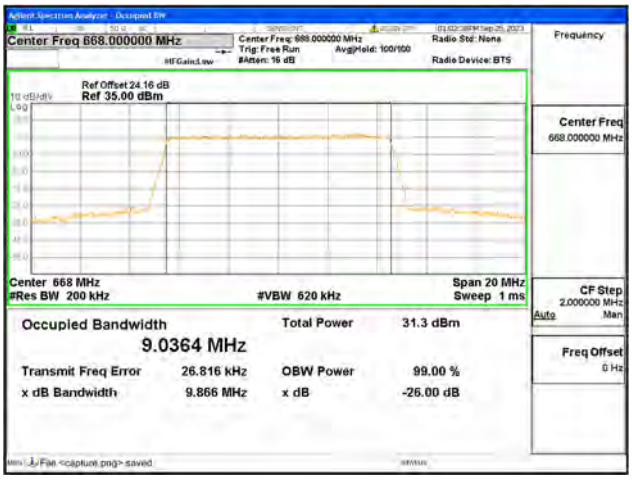


B71 / 5MHz / 16QAM/ Mid CH

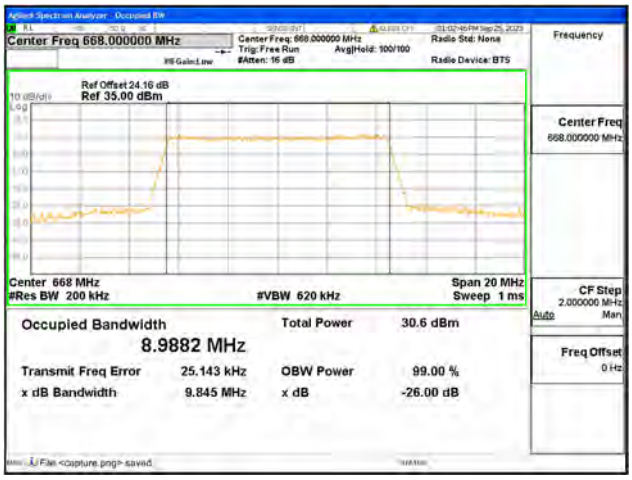


B71 / 5MHz / QPSK/ High CH

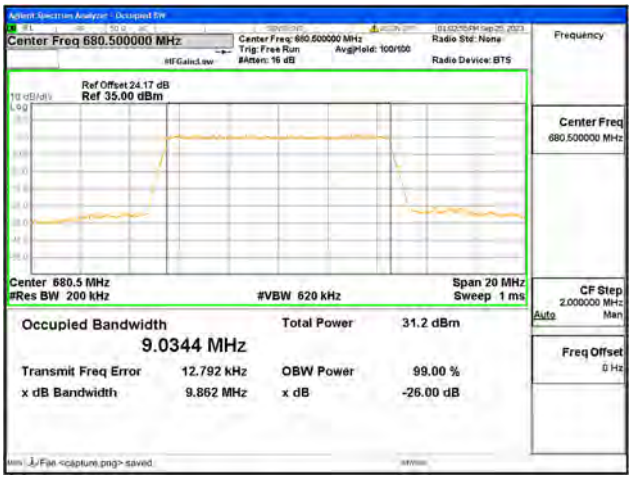
B71 / 5MHz / 16QAM/ High CH



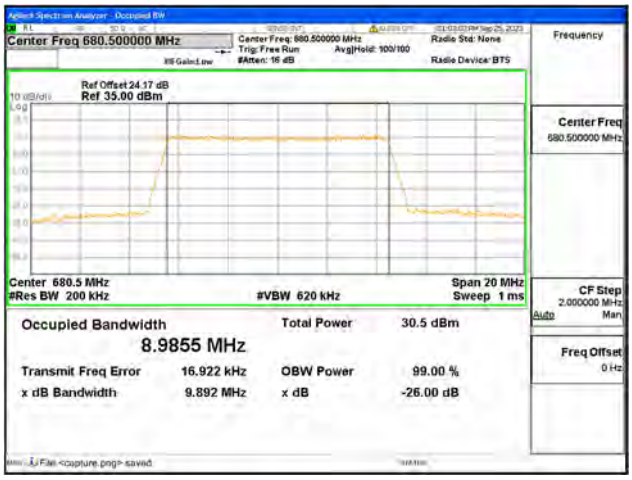
B71 / 10MHz / QPSK/ Low CH



B71 / 10MHz / 16QAM/ Low CH

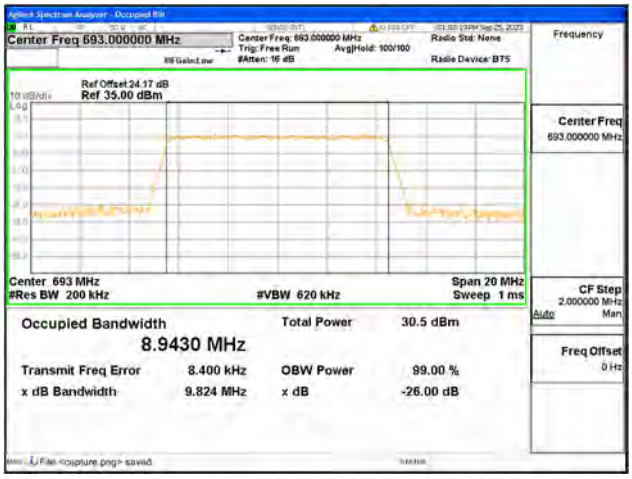


B71 / 10MHz / QPSK/ Mid CH



B71 / 10MHz / 16QAM/ Mid CH

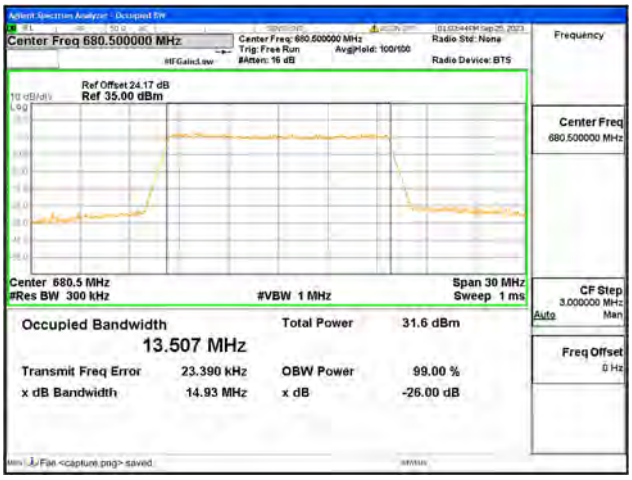
B71 / 10MHz / QPSK/ High CH



B71 / 10MHz / 16QAM/ High CH

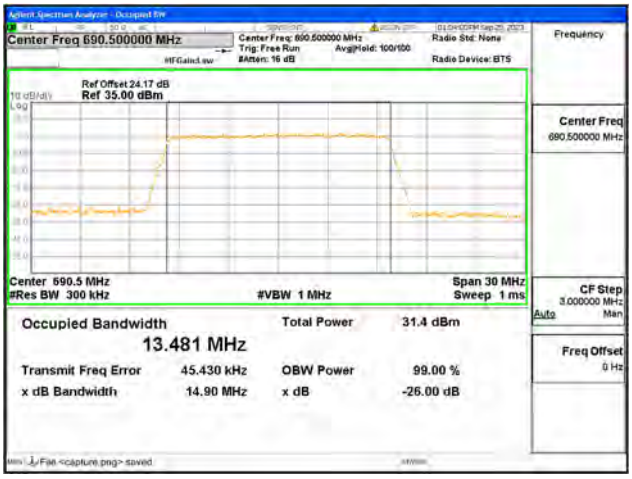
B71 / 15MHz / QPSK/ Low CH

B71 / 15MHz / 16QAM/ Low CH

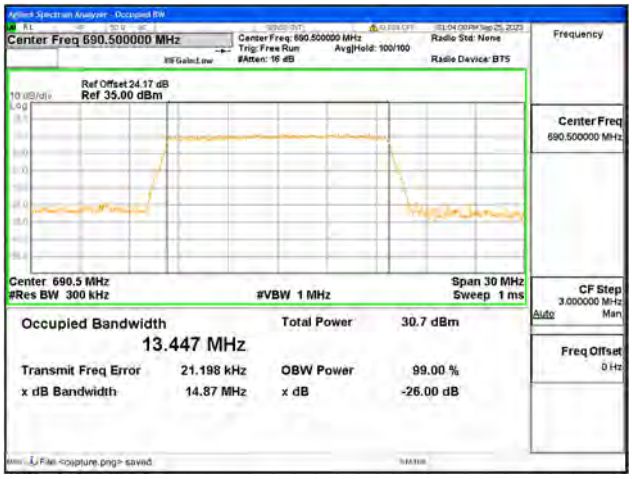


B71 / 15MHz / QPSK/ Mid CH

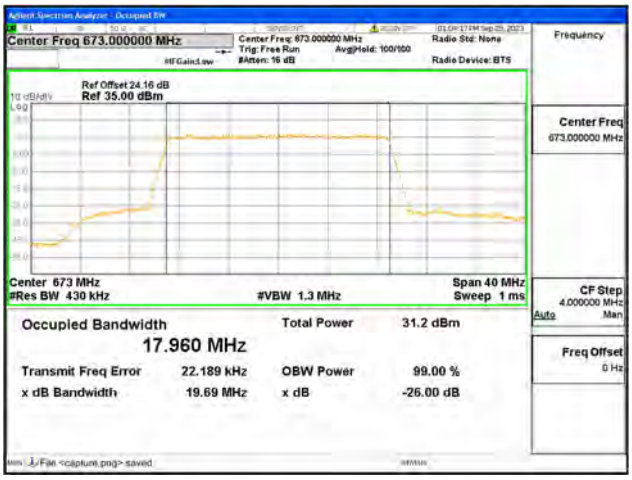
B71 / 15MHz / 16QAM/ Mid CH



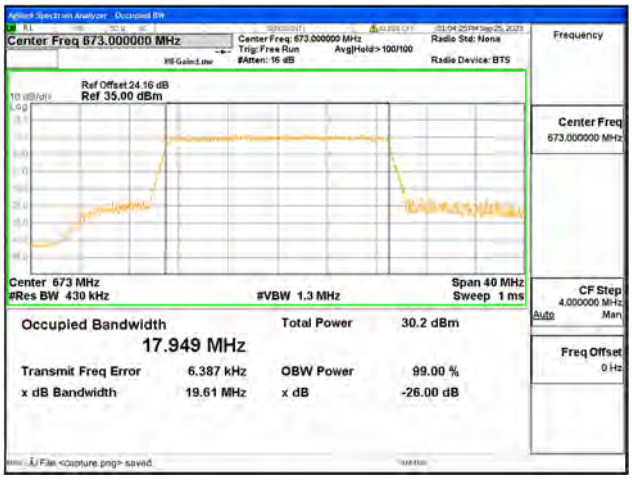
B71 / 15MHz / QPSK/ High CH



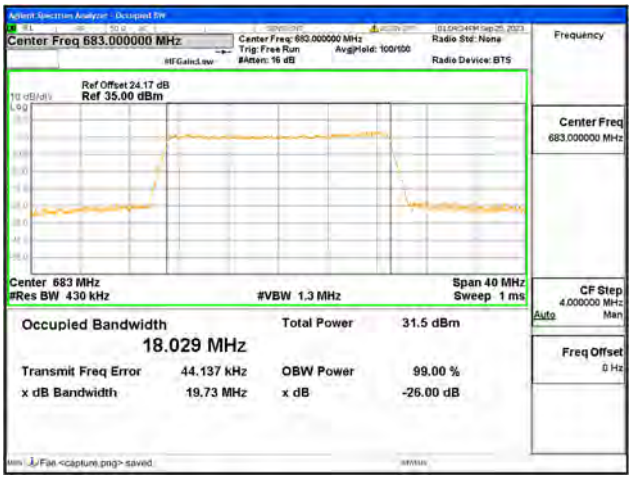
B71 / 15MHz / 16QAM/ High CH



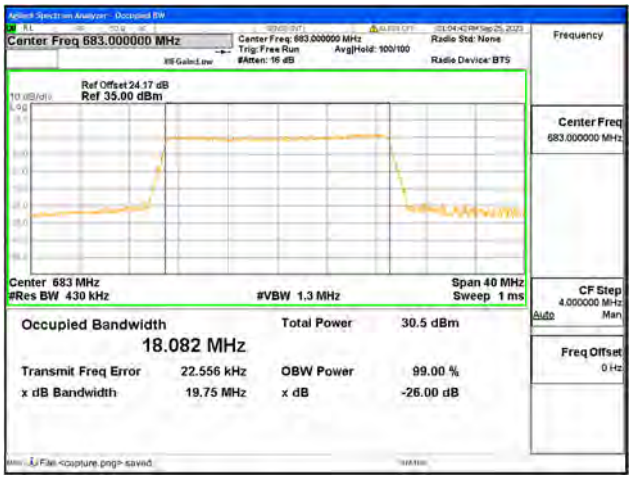
B71 / 20MHz / QPSK/ Low CH



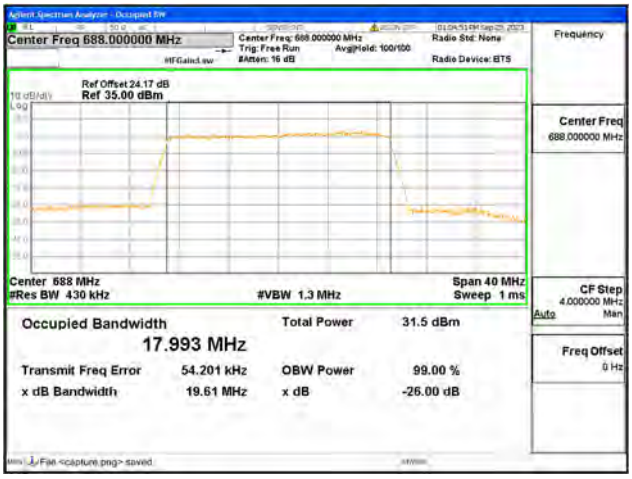
B71 / 20MHz / 16QAM/ Low CH



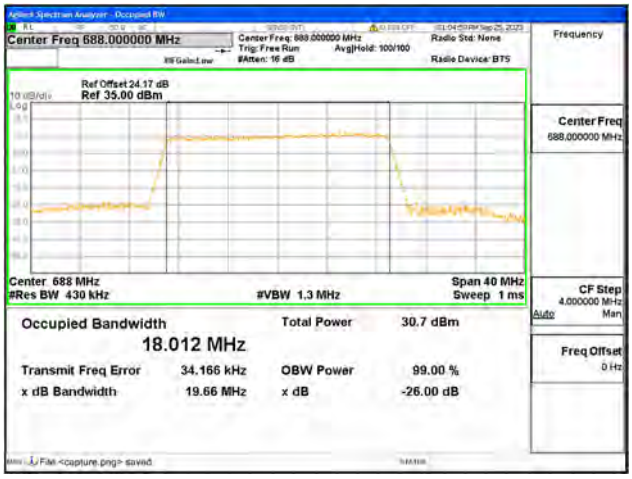
B71 / 20MHz / QPSK/ Mid CH



B71 / 20MHz / 16QAM/ Mid CH



B71 / 20MHz / QPSK/ High CH



B71 / 20MHz / 16QAM/ High CH

2.3. Frequency Stability

2.3.1. Requirement

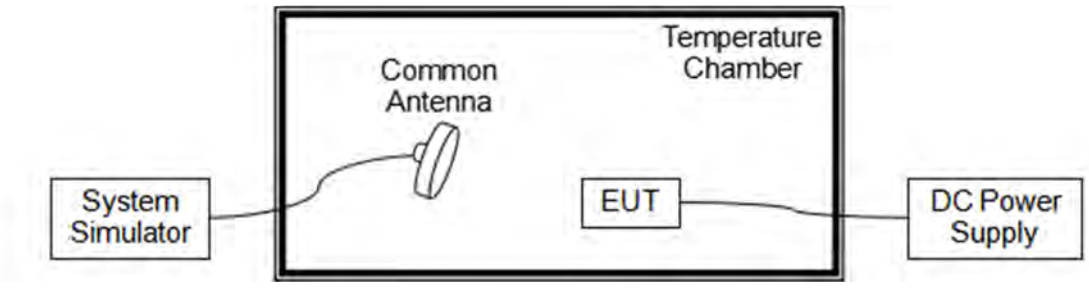
According to FCC section 2.1055, 24.235, 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

(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 3.55V, 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)	21	**0.011**	PASS
Normal		-10	-14	-0.007	
Normal		0	3	0.002	
Normal		+10	20	0.011	
Normal		+20	20	0.011	
Normal		+30	19	0.010	
Normal		+40	20	0.011	
Normal		+50	17	0.009	
Normal		+55	18	0.010	
High	4.40	+20	-16	-0.009	
BATT.ENDPOINT	3.55	+20	-8	-0.004	

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)	17	0.010	PASS
Normal		-10	18	0.010	
Normal		0	-18	-0.010	
Normal		+10	-5	-0.003	
Normal		+20	17	0.010	
Normal		+30	16	0.009	
Normal		+40	13	0.008	
Normal		+50	22	**0.013**	
Normal		+55	-8	-0.005	
High	4.40	+20	13	0.008	
BATT.ENDPOINT	3.55	+20	3	0.002	

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)	-15	-0.018	PASS
Normal		-10	-21	-0.025	
Normal		0	1	0.001	
Normal		+10	13	0.016	
Normal		+20	18	**0.022**	
Normal		+30	17	0.020	
Normal		+40	16	0.019	
Normal		+50	-2	-0.002	
Normal		+55	17	0.020	
High	4.40	+20	-7	-0.008	
BATT.ENDPOINT	3.55	+20	16	0.019	

LTE Band 7, 16QAM, Channel 21100, Frequency 2535MHz Limit= Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	19	**0.007**	PASS
Normal		-10	13	0.005	
Normal		0	13	0.005	
Normal		+10	15	0.006	
Normal		+20	-3	-0.001	
Normal		+30	15	0.006	
Normal		+40	13	0.005	
Normal		+50	15	0.006	
Normal		+55	19	**0.007**	
High	4.40	+20	4	0.002	
BATT.ENDPOINT	3.55	+20	16	0.006	

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)	18	0.025	PASS
Normal		-10	17	0.024	
Normal		0	20	0.028	
Normal		+10	16	0.023	
Normal		+20	-16	-0.023	
Normal		+30	-10	-0.014	
Normal		+40	15	0.021	
Normal		+50	15	0.021	
Normal		+55	21	**0.030**	
High	4.40	+20	-18	-0.025	
BATT.ENDPOINT	3.55	+20	-8	-0.011	

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)	-19	-0.027	PASS
Normal		-10	-5	-0.007	
Normal		0	19	0.027	
Normal		+10	18	0.025	
Normal		+20	20	0.028	
Normal		+30	4	0.006	
Normal		+40	19	0.027	
Normal		+50	-17	-0.024	
Normal		+55	23	**0.032**	
High	4.40	+20	-6	-0.008	
BATT.ENDPOINT	3.55	+20	20	0.028	

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)	21	**0.012**	PASS
Normal		-10	-18	-0.010	
Normal		0	3	0.002	
Normal		+10	18	0.010	
Normal		+20	14	0.008	
Normal		+30	-21	-0.012	
Normal		+40	20	0.011	
Normal		+50	19	0.011	
Normal		+55	-20	-0.011	
High	4.40	+20	-15	-0.009	
BATT.ENDPOINT	3.55	+20	-23	-0.013	

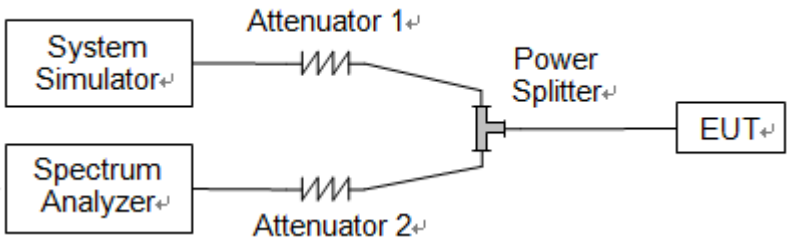
LTE Band 71, 16QAM, Channel 133322, Frequency 683.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.85	+20(Ref)	13	0.019	PASS
Normal		-10	15	0.022	
Normal		0	20	0.029	
Normal		+10	15	0.022	
Normal		+20	10	0.015	
Normal		+30	13	0.019	
Normal		+40	17	0.025	
Normal		+50	9	0.013	
Normal		+55	19	0.028	
High	4.40	+20	22	**0.032**	
BATT.ENDPOINT	3.55	+20	18	0.026	

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.

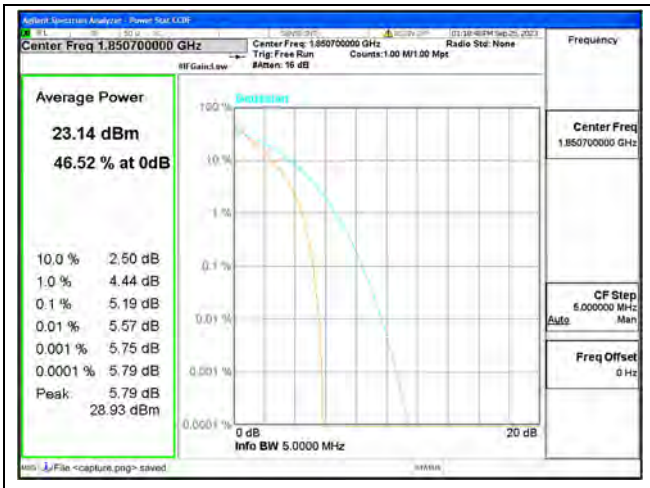
2.4.4. Test Result

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

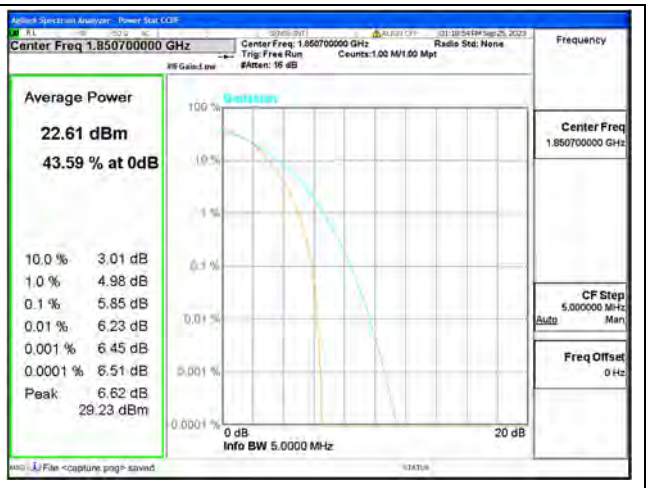
LTE Band 2					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.19	<=13	PASS
	Low	16QAM	5.85	<=13	PASS
	Mid	QPSK	4.19	<=13	PASS
	Mid	16QAM	4.66	<=13	PASS
	High	QPSK	4.35	<=13	PASS
	High	16QAM	4.83	<=13	PASS
3	Low	QPSK	5.33	<=13	PASS
	Low	16QAM	5.93	<=13	PASS
	Mid	QPSK	4.33	<=13	PASS
	Mid	16QAM	4.64	<=13	PASS
	High	QPSK	4.52	<=13	PASS
	High	16QAM	4.80	<=13	PASS
5	Low	QPSK	5.37	<=13	PASS
	Low	16QAM	5.85	<=13	PASS
	Mid	QPSK	4.96	<=13	PASS
	Mid	16QAM	5.94	<=13	PASS
	High	QPSK	4.77	<=13	PASS
	High	16QAM	5.16	<=13	PASS
10	Low	QPSK	5.55	<=13	PASS
	Low	16QAM	6.09	<=13	PASS
	Mid	QPSK	4.87	<=13	PASS
	Mid	16QAM	5.27	<=13	PASS
	High	QPSK	4.92	<=13	PASS
	High	16QAM	5.36	<=13	PASS
15	Low	QPSK	5.52	<=13	PASS
	Low	16QAM	5.95	<=13	PASS
	Mid	QPSK	4.66	<=13	PASS
	Mid	16QAM	4.95	<=13	PASS
	High	QPSK	4.82	<=13	PASS
	High	16QAM	5.18	<=13	PASS
20	Low	QPSK	5.68	<=13	PASS
	Low	16QAM	5.95	<=13	PASS
	Mid	QPSK	5.19	<=13	PASS
	Mid	16QAM	5.36	<=13	PASS
	High	QPSK	5.27	<=13	PASS
	High	16QAM	5.46	<=13	PASS

LTE Band 4					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	4.32	<=13	PASS
	Low	16QAM	5.32	<=13	PASS
	Mid	QPSK	5.64	<=13	PASS
	Mid	16QAM	6.58	<=13	PASS
	High	QPSK	4.56	<=13	PASS
	High	16QAM	5.27	<=13	PASS
3	Low	QPSK	4.44	<=13	PASS
	Low	16QAM	5.30	<=13	PASS
	Mid	QPSK	5.74	<=13	PASS
	Mid	16QAM	6.40	<=13	PASS
	High	QPSK	4.63	<=13	PASS
	High	16QAM	5.33	<=13	PASS
5	Low	QPSK	4.89	<=13	PASS
	Low	16QAM	5.57	<=13	PASS
	Mid	QPSK	5.70	<=13	PASS
	Mid	16QAM	6.31	<=13	PASS
	High	QPSK	4.74	<=13	PASS
	High	16QAM	5.42	<=13	PASS
10	Low	QPSK	5.17	<=13	PASS
	Low	16QAM	5.83	<=13	PASS
	Mid	QPSK	5.76	<=13	PASS
	Mid	16QAM	6.40	<=13	PASS
	High	QPSK	5.03	<=13	PASS
	High	16QAM	5.70	<=13	PASS
15	Low	QPSK	5.08	<=13	PASS
	Low	16QAM	5.80	<=13	PASS
	Mid	QPSK	5.63	<=13	PASS
	Mid	16QAM	6.34	<=13	PASS
	High	QPSK	4.60	<=13	PASS
	High	16QAM	5.46	<=13	PASS
20	Low	QPSK	5.37	<=13	PASS
	Low	16QAM	6.09	<=13	PASS
	Mid	QPSK	5.63	<=13	PASS
	Mid	16QAM	6.33	<=13	PASS
	High	QPSK	5.40	<=13	PASS
	High	16QAM	5.92	<=13	PASS

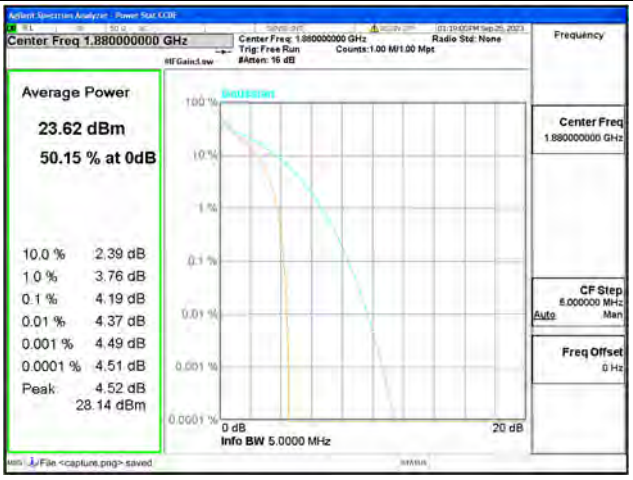
LTE Band 66					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	4.40	<=13	PASS
	Low	16QAM	5.31	<=13	PASS
	Mid	QPSK	4.73	<=13	PASS
	Mid	16QAM	5.71	<=13	PASS
	High	QPSK	5.01	<=13	PASS
	High	16QAM	5.99	<=13	PASS
3	Low	QPSK	4.62	<=13	PASS
	Low	16QAM	5.41	<=13	PASS
	Mid	QPSK	4.90	<=13	PASS
	Mid	16QAM	5.61	<=13	PASS
	High	QPSK	5.13	<=13	PASS
	High	16QAM	5.94	<=13	PASS
5	Low	QPSK	4.97	<=13	PASS
	Low	16QAM	5.62	<=13	PASS
	Mid	QPSK	5.11	<=13	PASS
	Mid	16QAM	5.80	<=13	PASS
	High	QPSK	5.32	<=13	PASS
	High	16QAM	6.07	<=13	PASS
10	Low	QPSK	5.22	<=13	PASS
	Low	16QAM	5.86	<=13	PASS
	Mid	QPSK	5.21	<=13	PASS
	Mid	16QAM	5.88	<=13	PASS
	High	QPSK	5.48	<=13	PASS
	High	16QAM	6.15	<=13	PASS
15	Low	QPSK	5.12	<=13	PASS
	Low	16QAM	5.87	<=13	PASS
	Mid	QPSK	5.03	<=13	PASS
	Mid	16QAM	5.78	<=13	PASS
	High	QPSK	5.33	<=13	PASS
	High	16QAM	6.10	<=13	PASS
20	Low	QPSK	5.44	<=13	PASS
	Low	16QAM	6.15	<=13	PASS
	Mid	QPSK	5.19	<=13	PASS
	Mid	16QAM	5.93	<=13	PASS
	High	QPSK	5.37	<=13	PASS
	High	16QAM	6.12	<=13	PASS



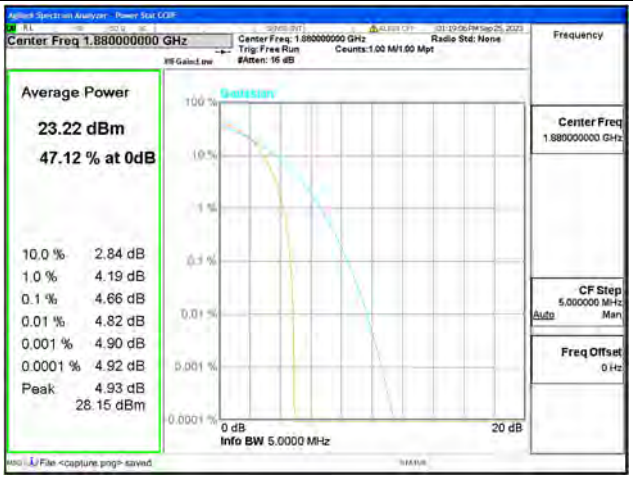
B2 / 1.4MHz / Low CH / QPSK



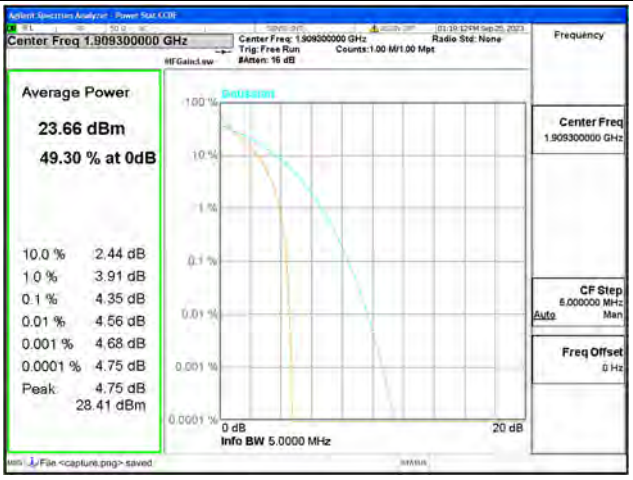
B2 / 1.4MHz / Low CH / 16QAM



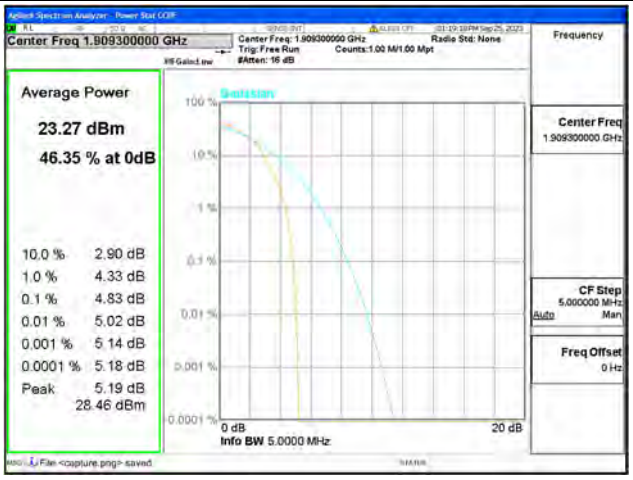
B2 / 1.4MHz / Mid CH / QPSK



B2 / 1.4MHz / Mid CH / 16QAM

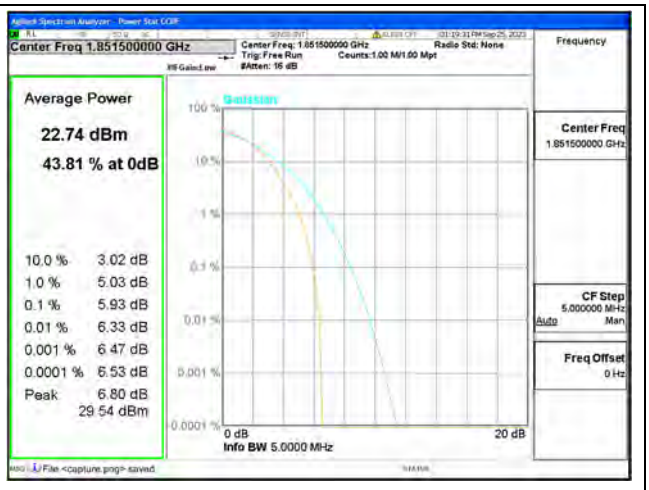


B2 / 1.4MHz / High CH / QPSK

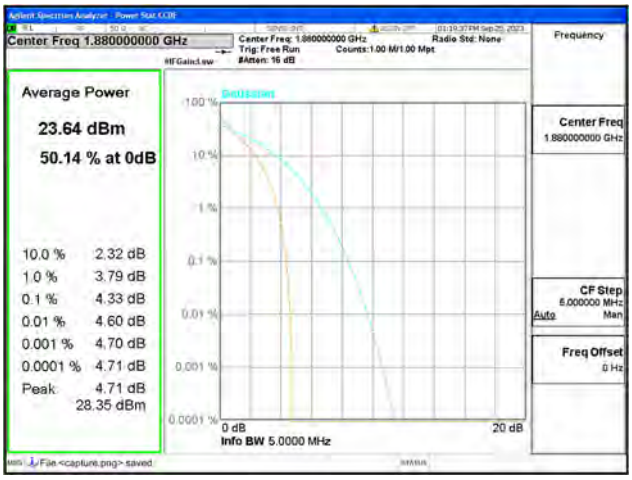


B2 / 1.4MHz / High CH / 16QAM

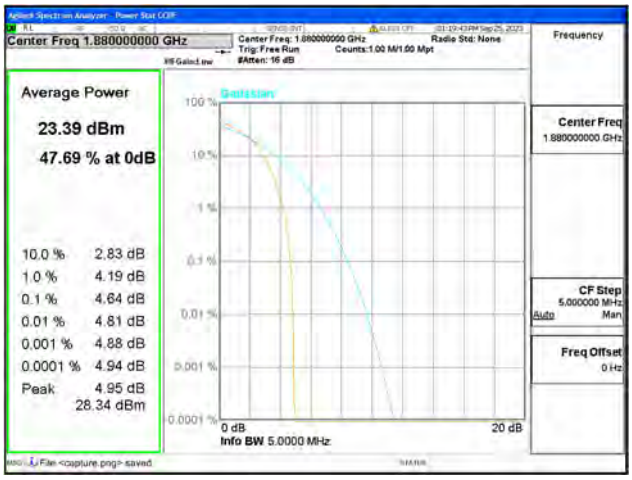
B2 / 3MHz / Low CH / QPSK



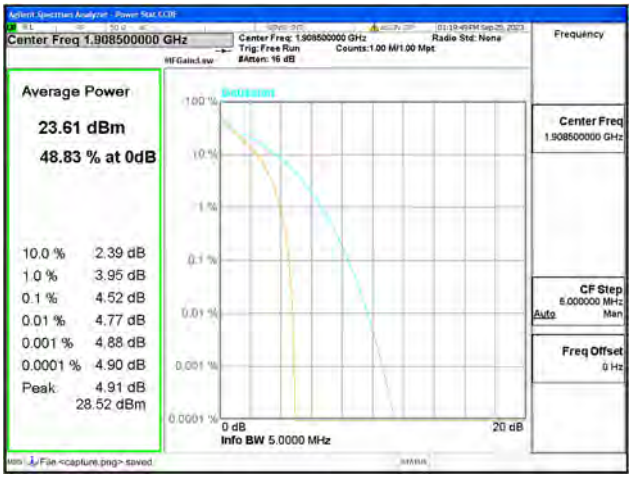
B2 / 3MHz / Low CH / 16QAM



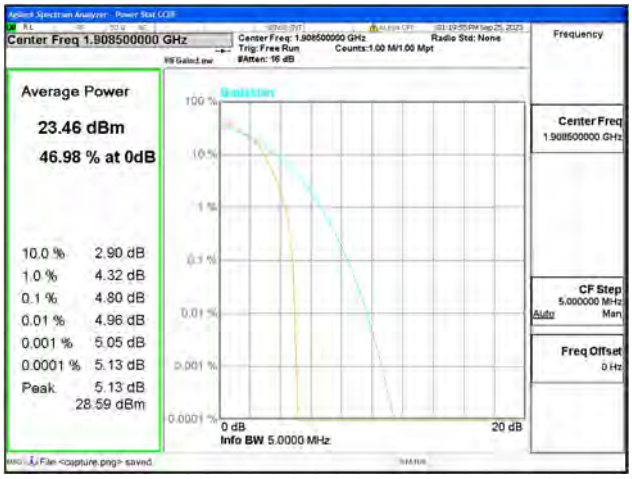
B2 / 3MHz / Mid CH / QPSK



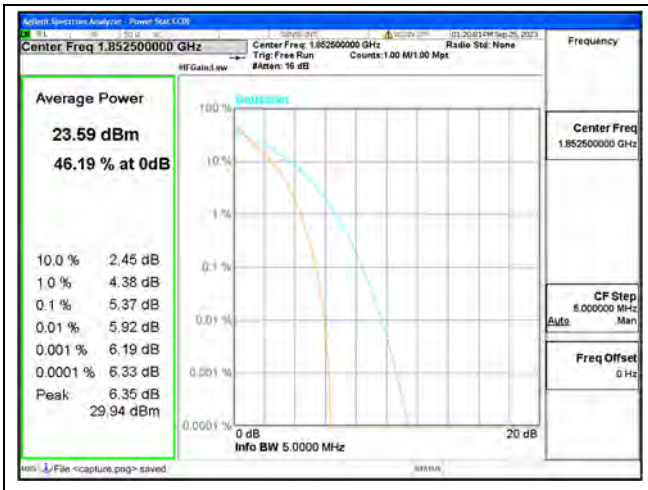
B2 / 3MHz / Mid CH / 16QAM



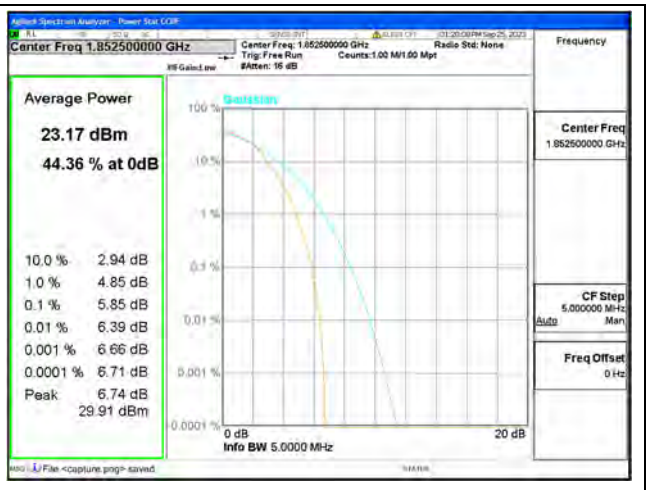
B2 / 3MHz / High CH / QPSK



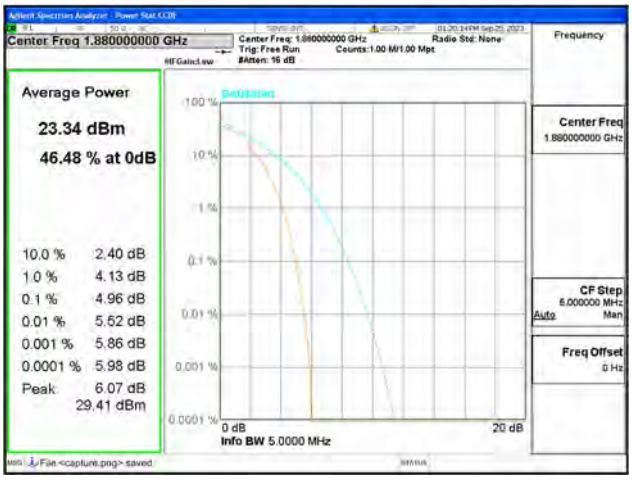
B2 / 3MHz / High CH / 16QAM



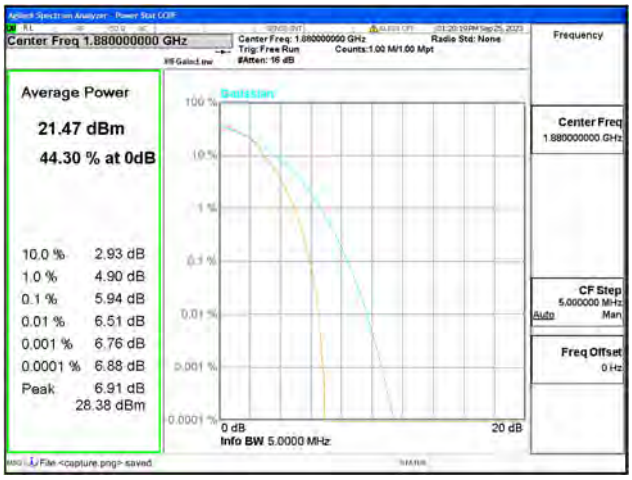
B2 / 5MHz / Low CH / QPSK



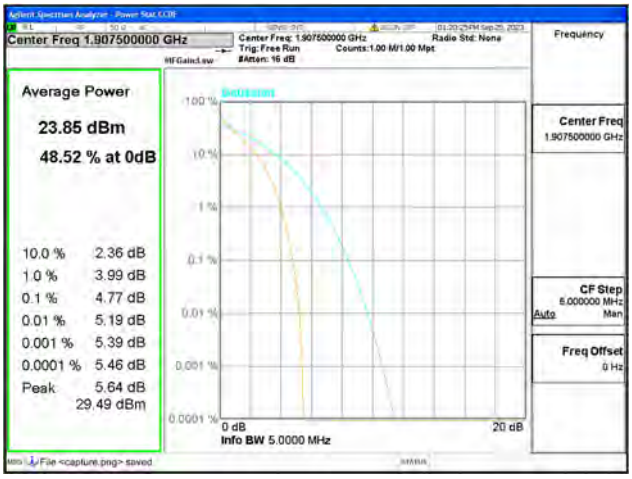
B2 / 5MHz / Low CH / 16QAM



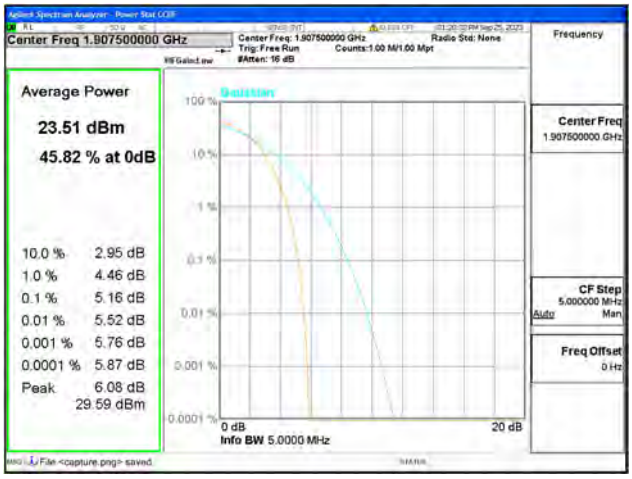
B2 / 5MHz / Mid CH / QPSK



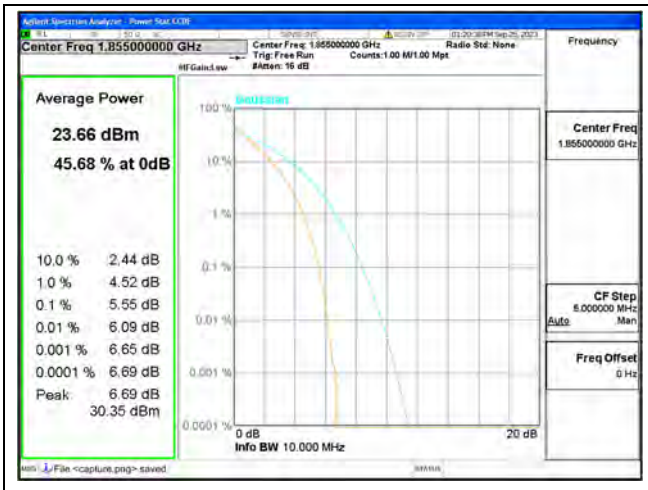
B2 / 5MHz / Mid CH / 16QAM



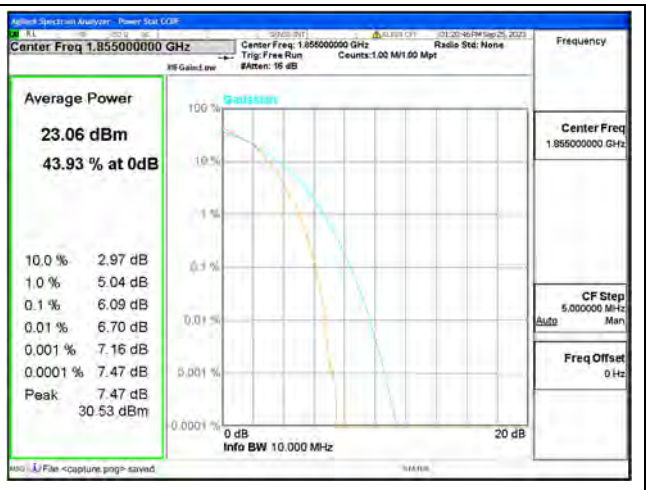
B2 / 5MHz / High CH / QPSK



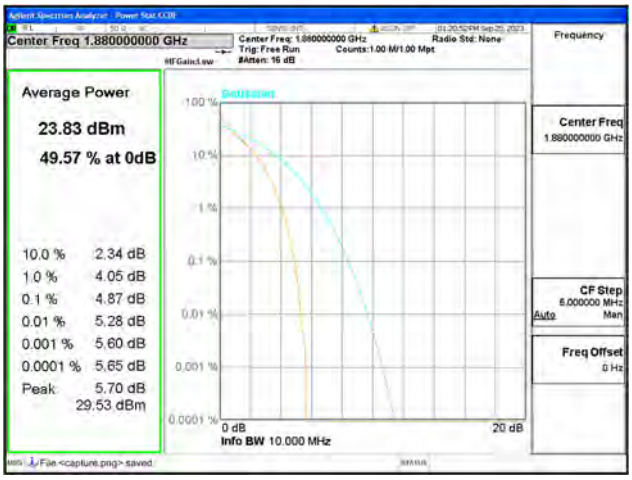
B2 / 5MHz / High CH / 16QAM



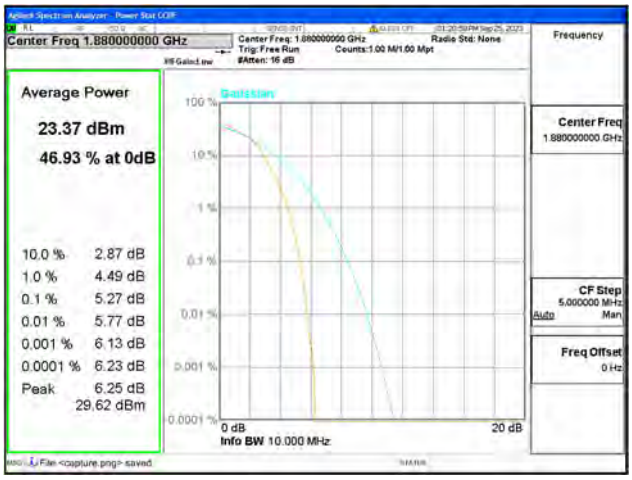
B2 / 10MHz / Low CH / QPSK



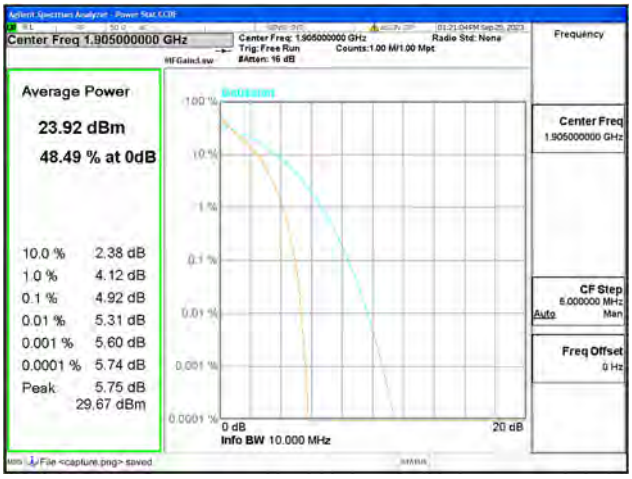
B2 / 10MHz / Low CH / 16QAM



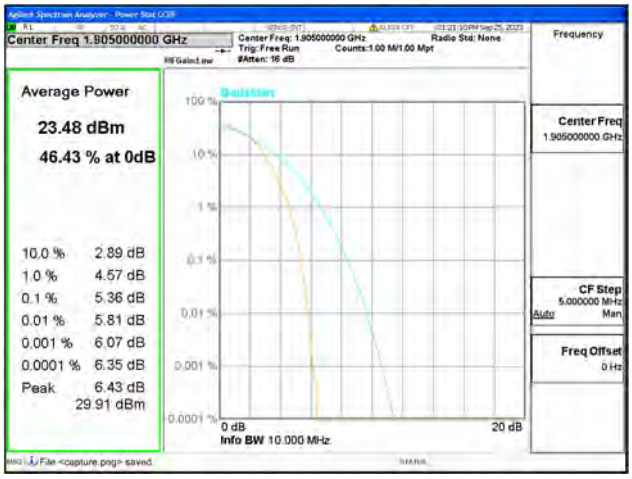
B2 / 10MHz / Mid CH / QPSK



B2 / 10MHz / Mid CH / 16QAM

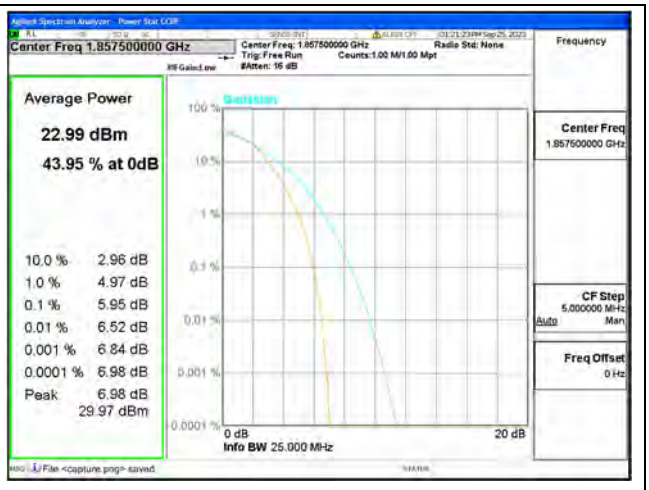


B2 / 10MHz / High CH / QPSK

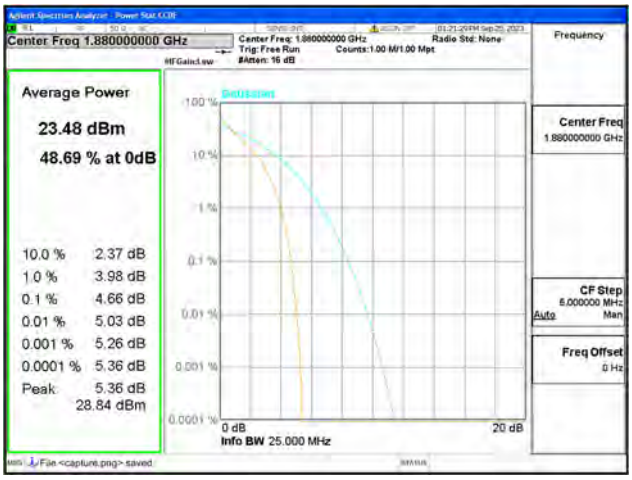


B2 / 10MHz / High CH / 16QAM

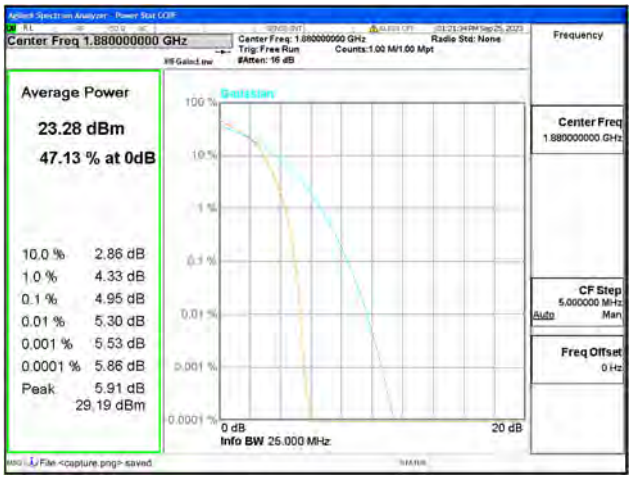
B2 / 15MHz / Low CH / QPSK



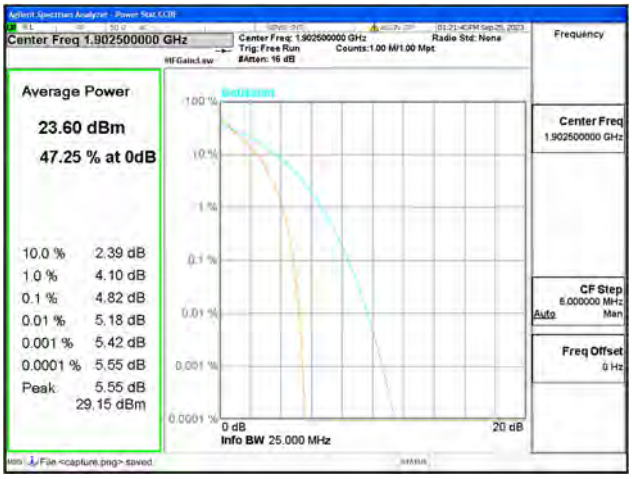
B2 / 15MHz / Low CH / 16QAM



B2 / 15MHz / Mid CH / QPSK

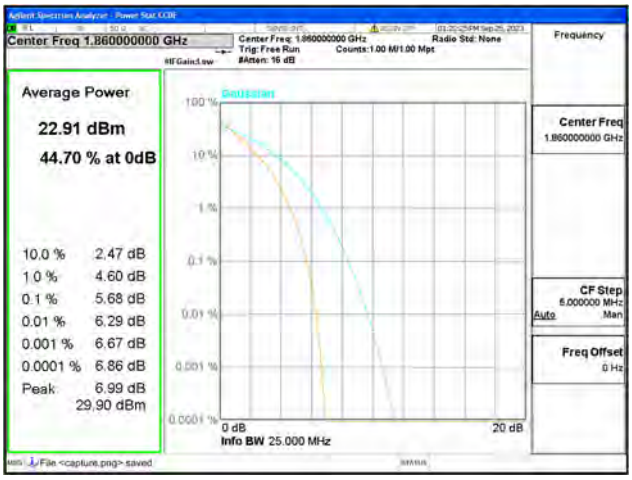


B2 / 15MHz / Mid CH / 16QAM

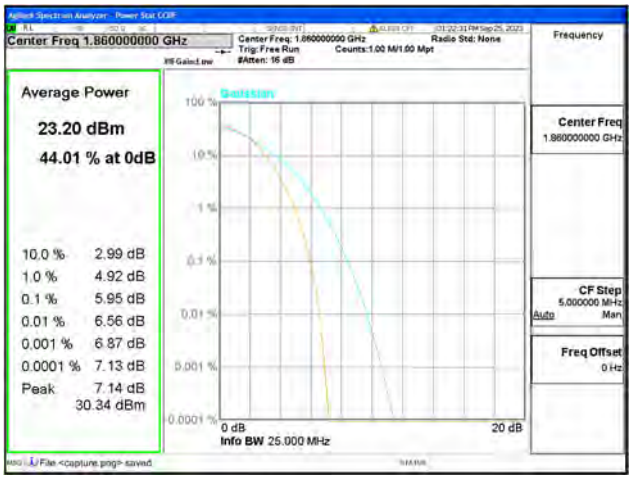


B2 / 15MHz / High CH / QPSK

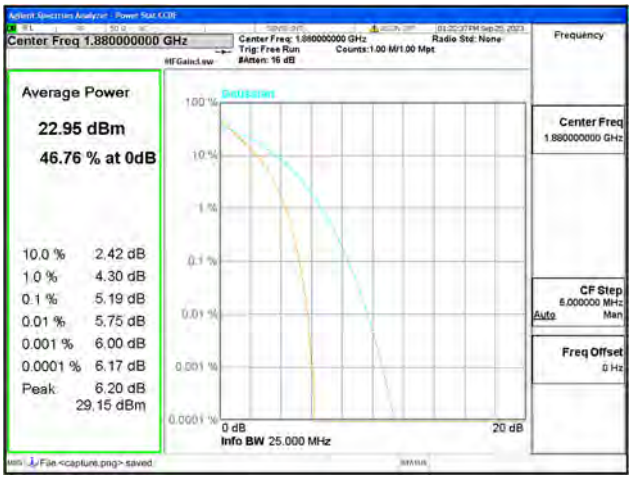
B2 / 15MHz / High CH / 16QAM



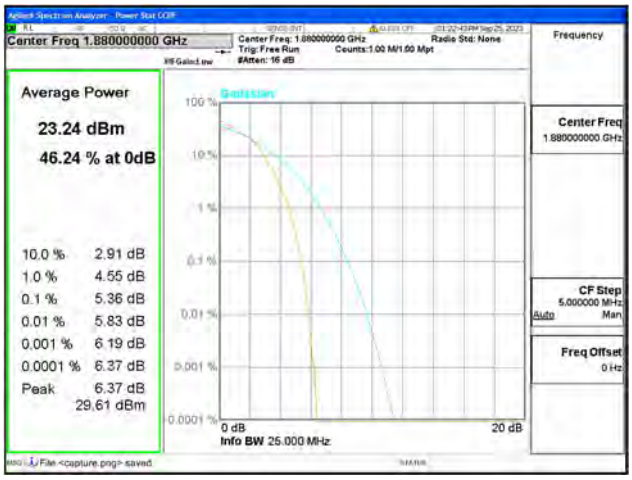
B2 / 20MHz / Low CH / QPSK



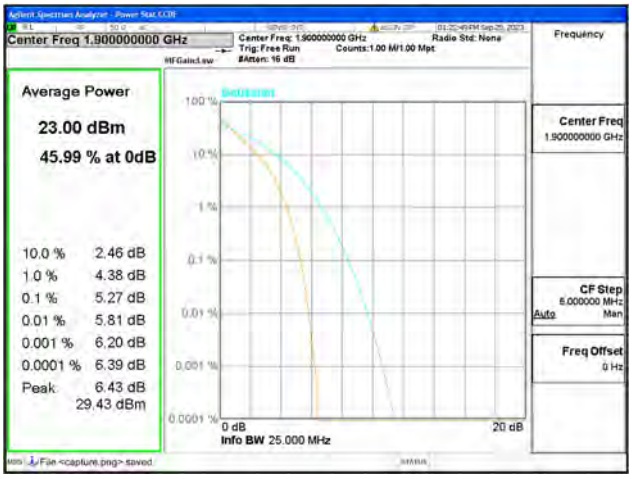
B2 / 20MHz / Low CH / 16QAM



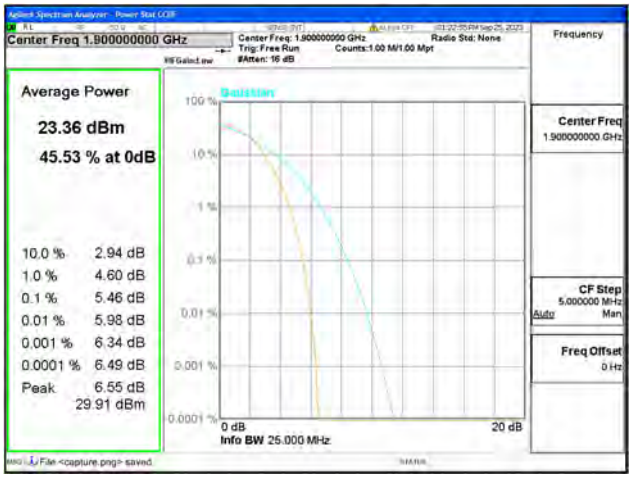
B2 / 20MHz / Mid CH / QPSK



B2 / 20MHz / Mid CH / 16QAM



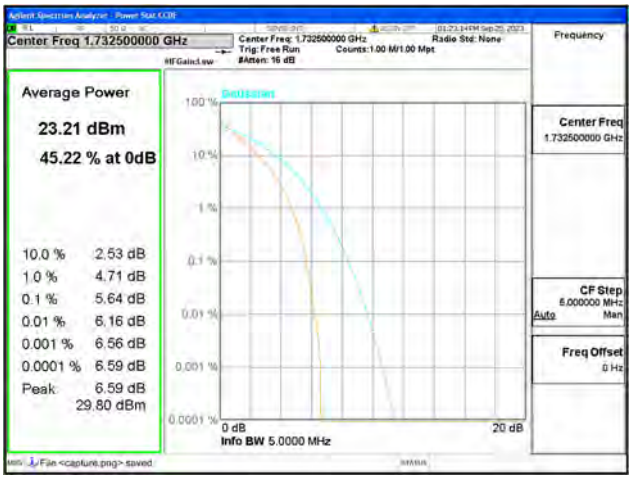
B2 / 20MHz / High CH / QPSK



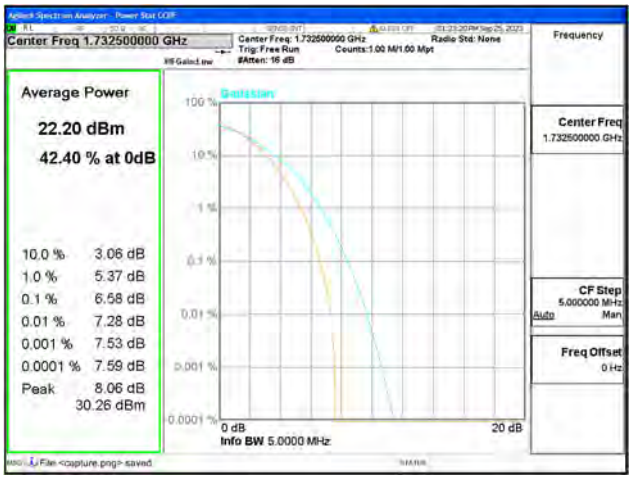
B2 / 20MHz / High CH / 16QAM

B4 / 1.4MHz / Low CH / QPSK

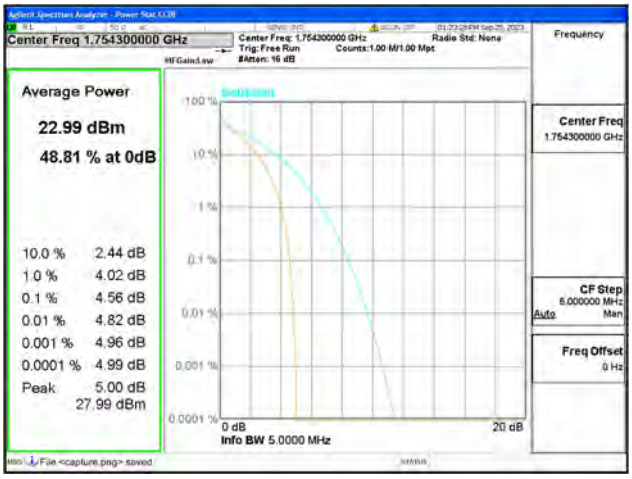
B4 / 1.4MHz / Low CH / 16QAM



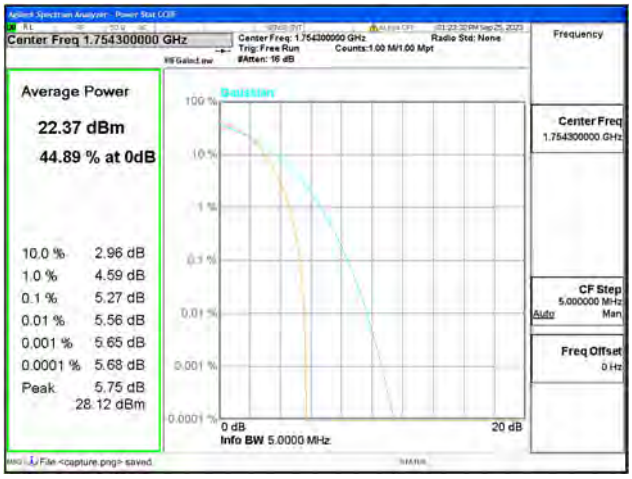
B4 / 1.4MHz / Mid CH / QPSK



B4 / 1.4MHz / Mid CH / 16QAM

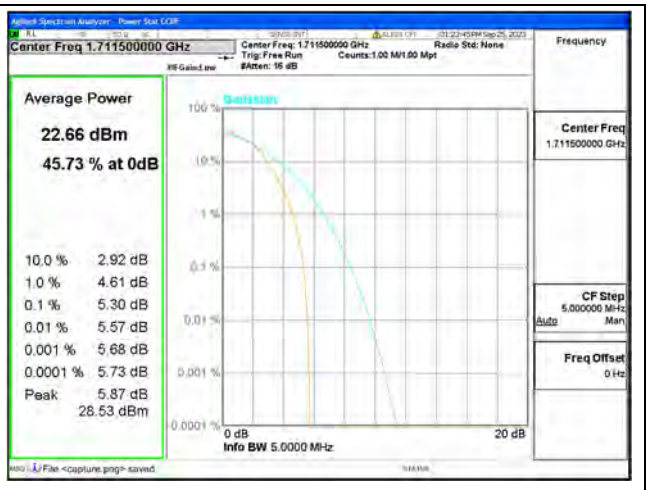


B4 / 1.4MHz / High CH / QPSK

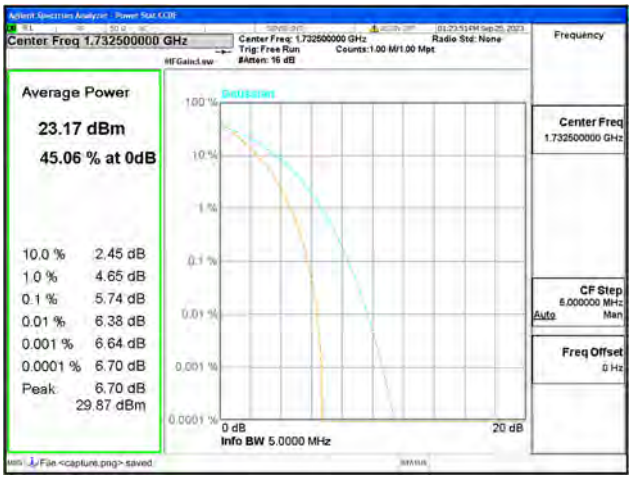


B4 / 1.4MHz / High CH / 16QAM

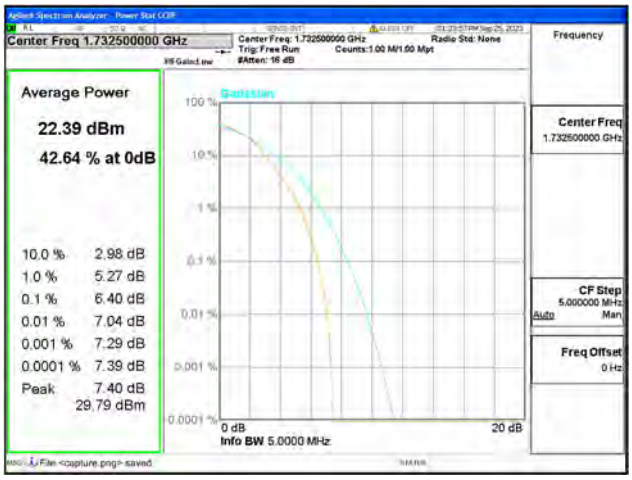
B4 / 3MHz / Low CH / QPSK



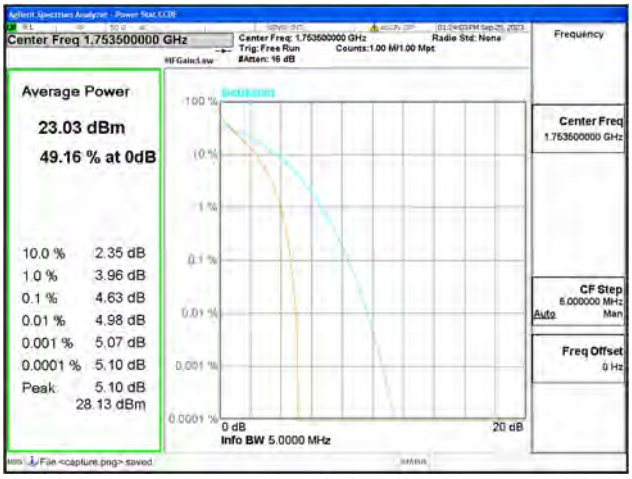
B4 / 3MHz / Low CH / 16QAM



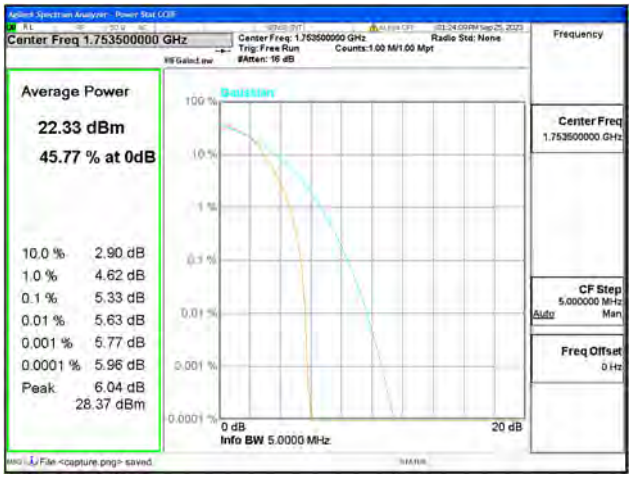
B4 / 3MHz / Mid CH / QPSK



B4 / 3MHz / Mid CH / 16QAM

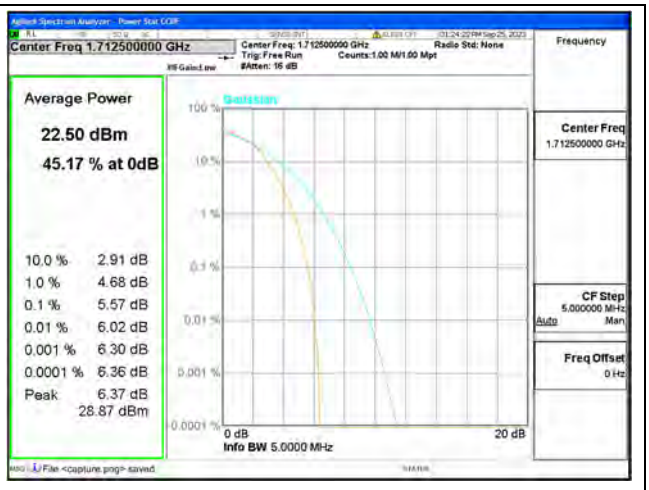


B4 / 3MHz / High CH / QPSK

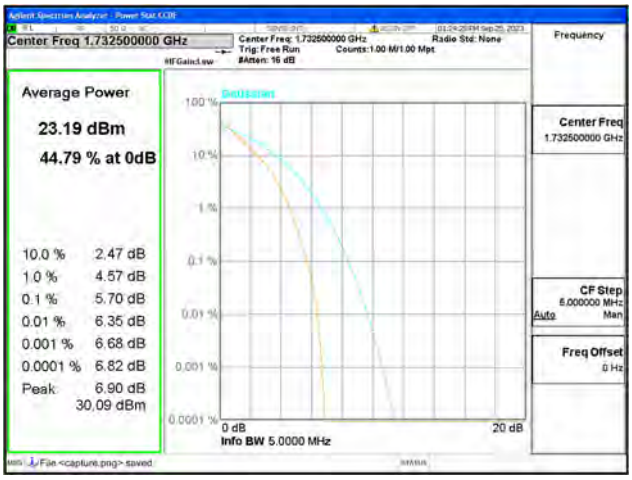


B4 / 3MHz / High CH / 16QAM

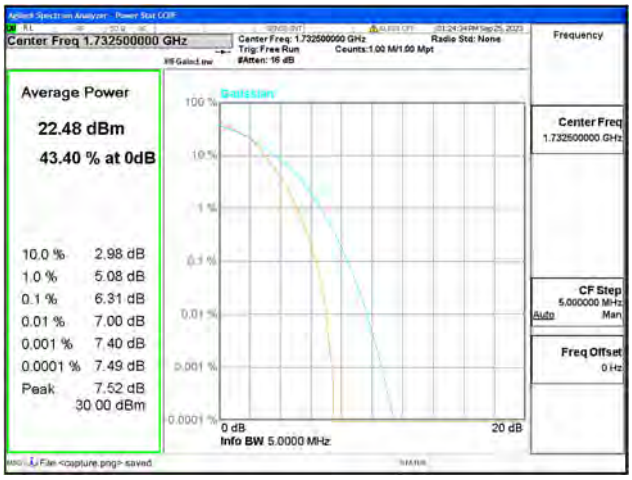
B4 / 5MHz / Low CH / QPSK



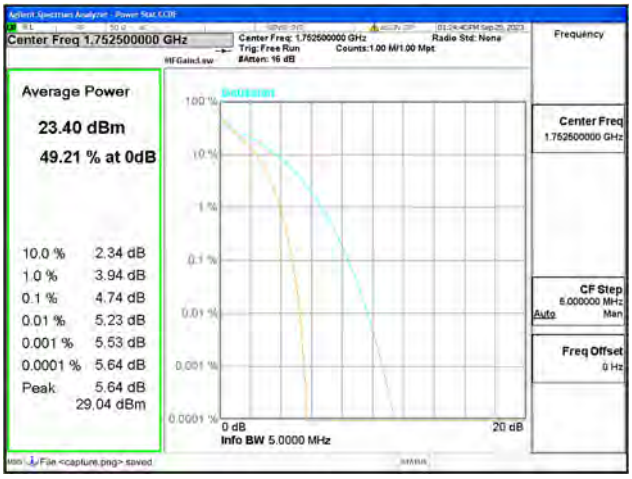
B4 / 5MHz / Low CH / 16QAM



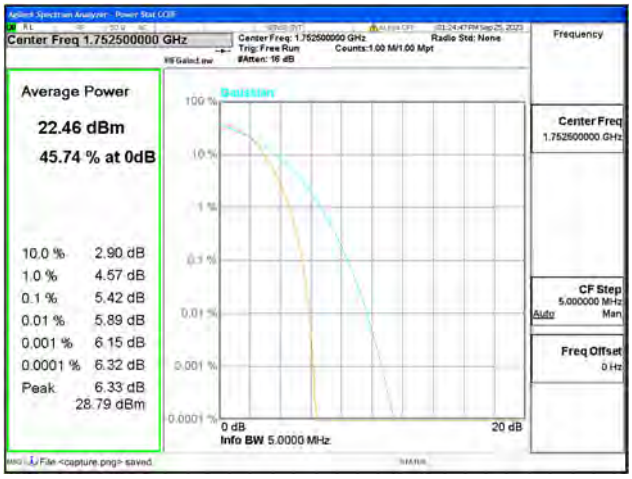
B4 / 5MHz / Mid CH / QPSK



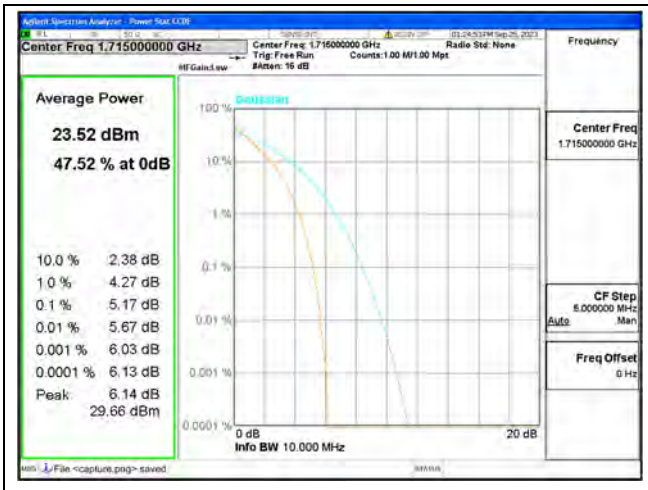
B4 / 5MHz / Mid CH / 16QAM



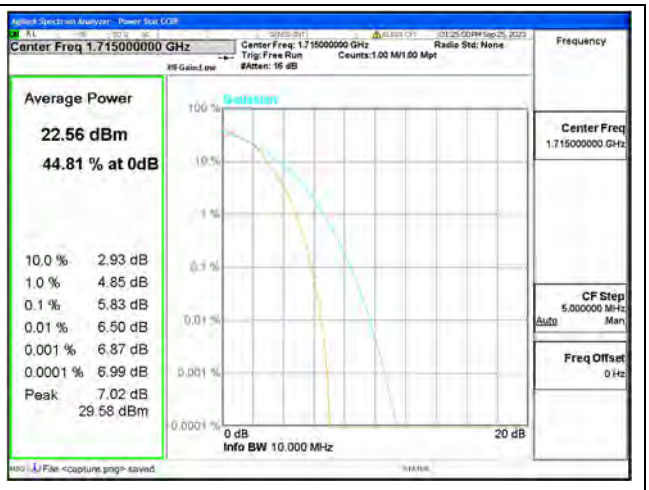
B4 / 5MHz / High CH / QPSK



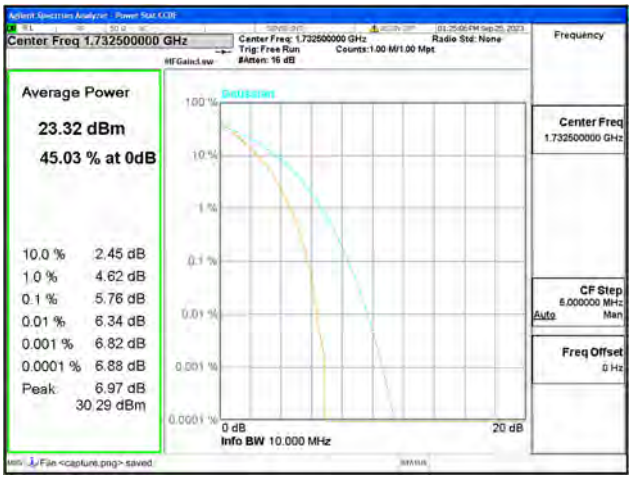
B4 / 5MHz / High CH / 16QAM



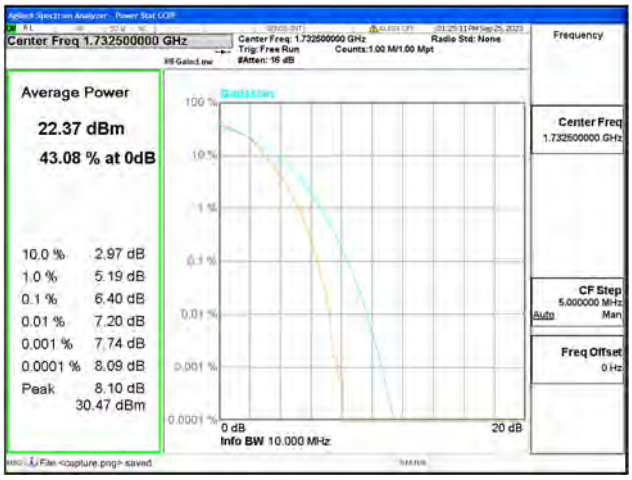
B4 / 10MHz / Low CH / QPSK



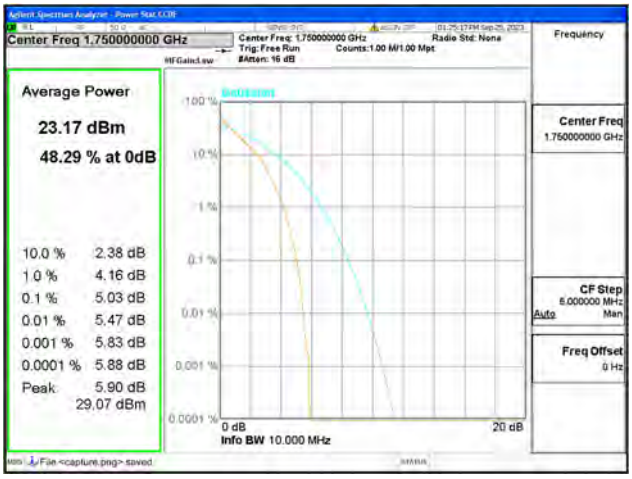
B4 / 10MHz / Low CH / 16QAM



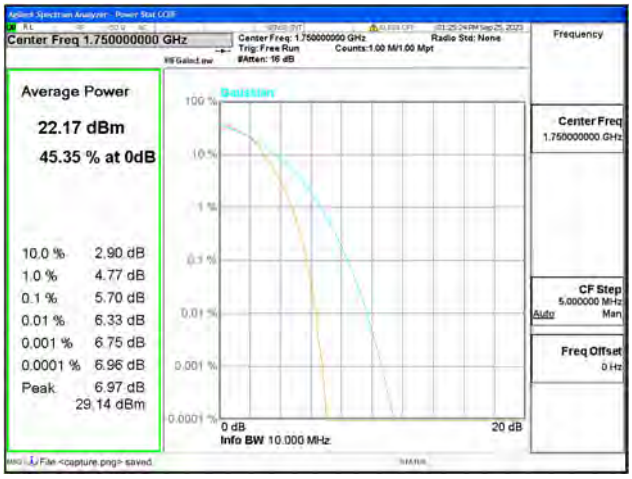
B4 / 10MHz / Mid CH / QPSK



B4 / 10MHz / Mid CH / 16QAM

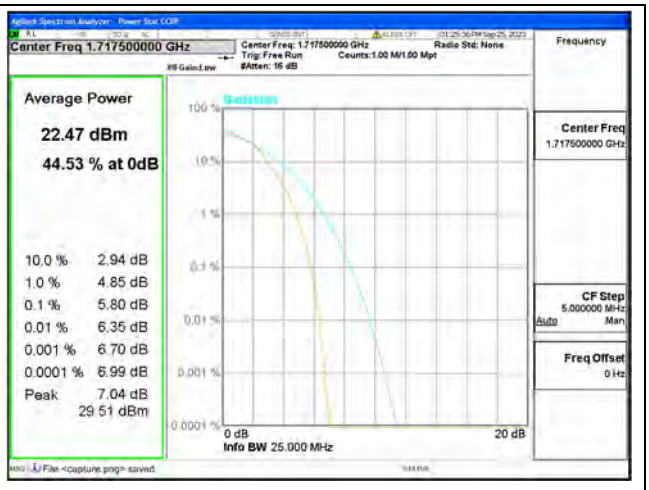


B4 / 10MHz / High CH / QPSK

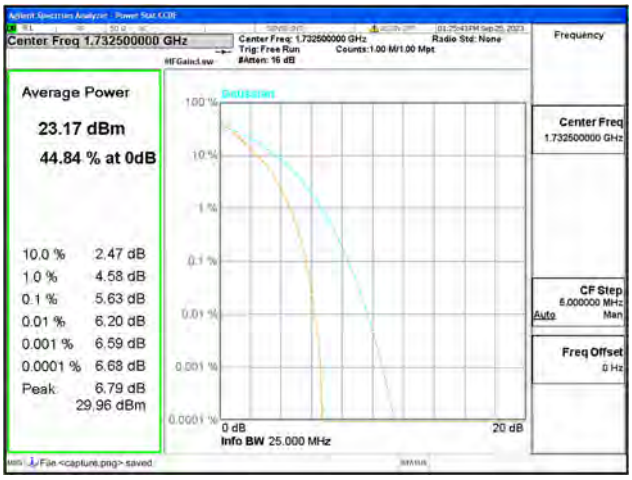


B4 / 10MHz / High CH / 16QAM

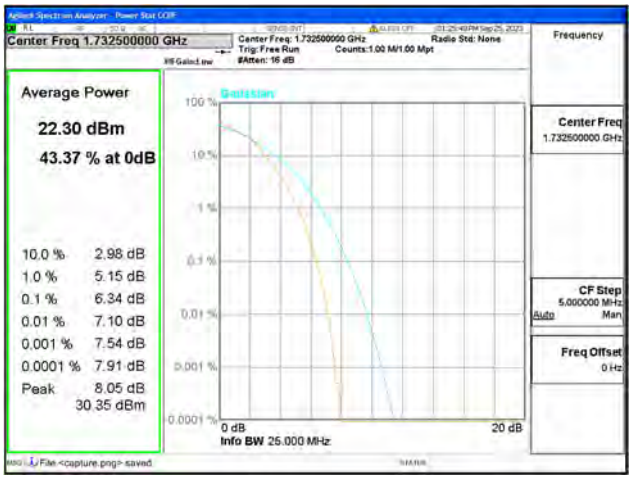
B4 / 15MHz / Low CH / QPSK



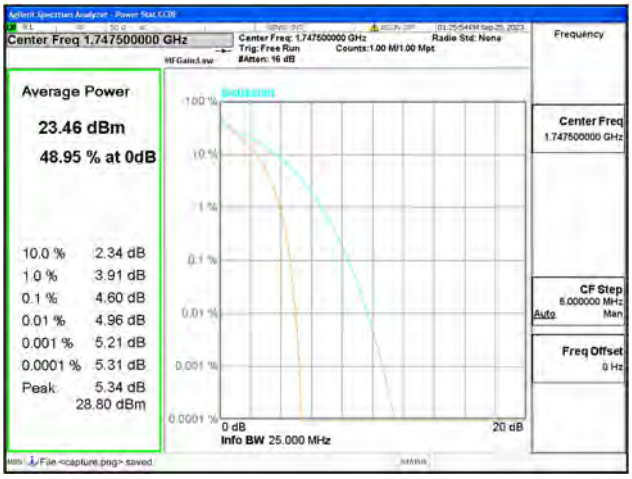
B4 / 15MHz / Low CH / 16QAM



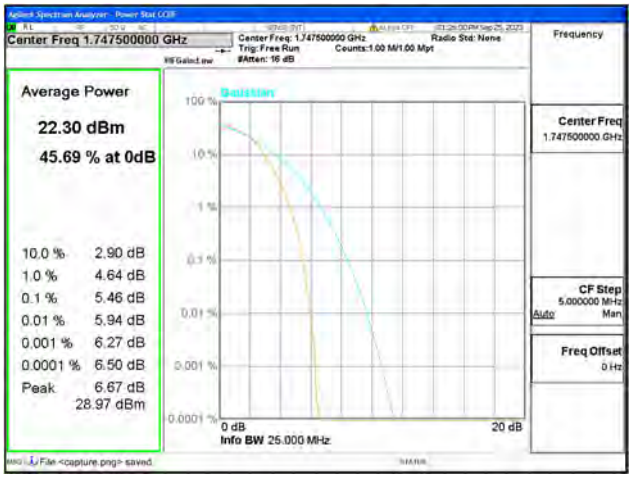
B4 / 15MHz / Mid CH / QPSK



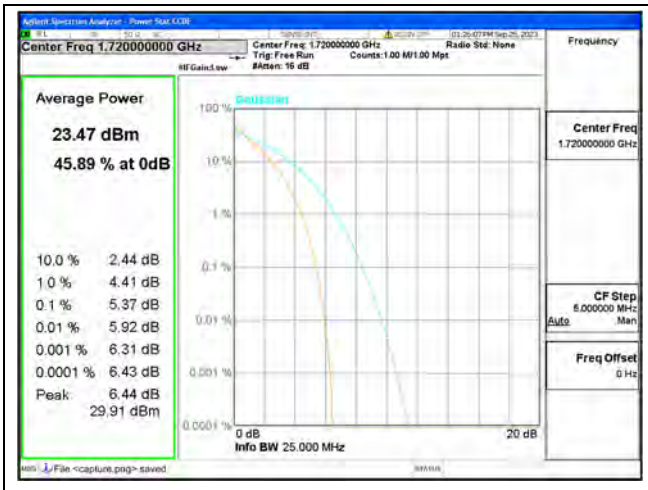
B4 / 15MHz / Mid CH / 16QAM



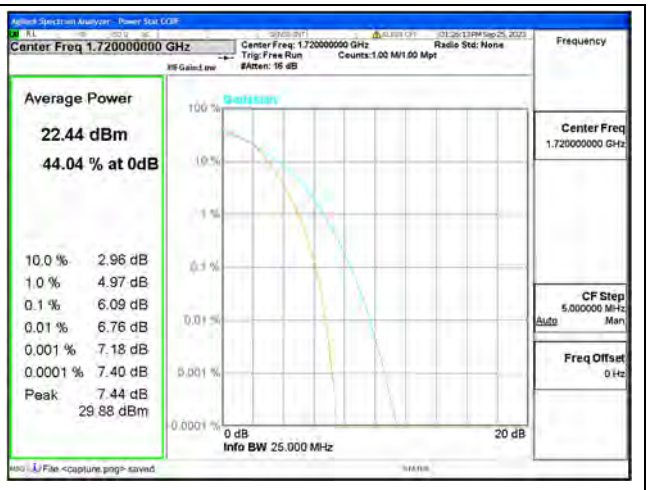
B4 / 15MHz / High CH / QPSK



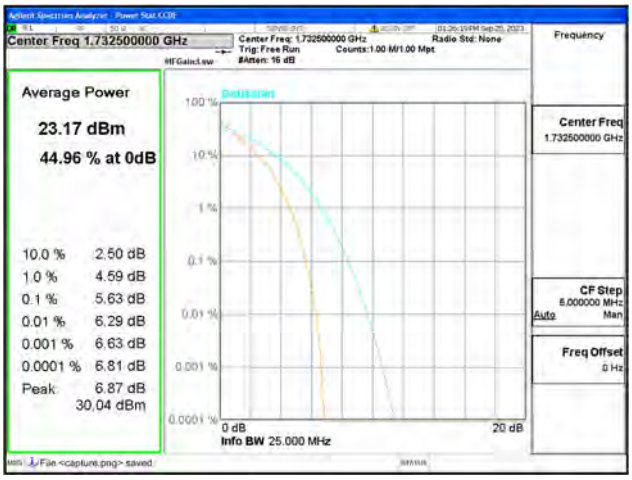
B4 / 15MHz / High CH / 16QAM



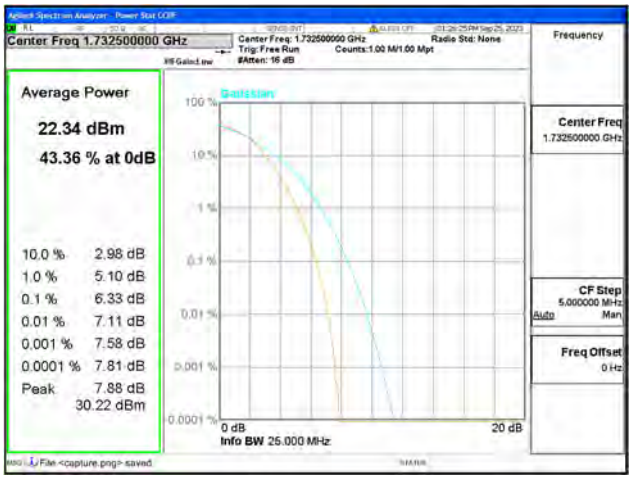
B4 / 20MHz / Low CH / QPSK



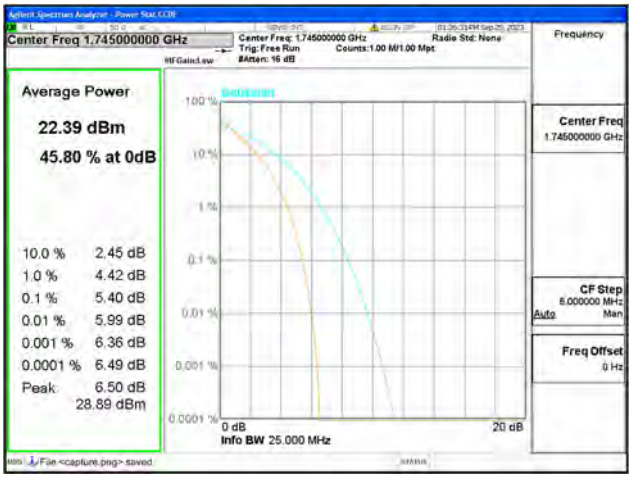
B4 / 20MHz / Low CH / 16QAM



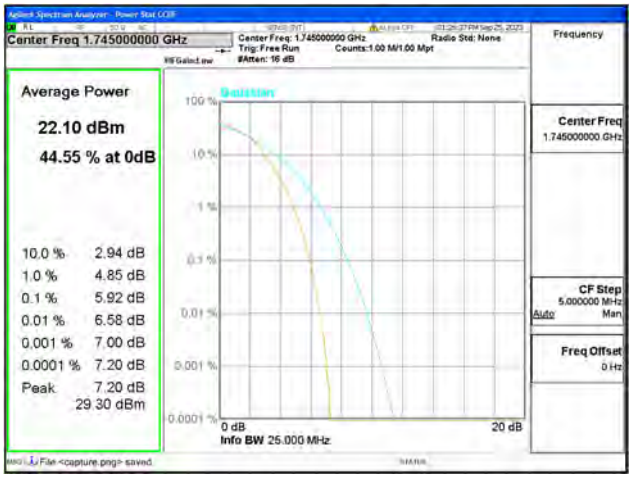
B4 / 20MHz / Mid CH / QPSK



B4 / 20MHz / Mid CH / 16QAM

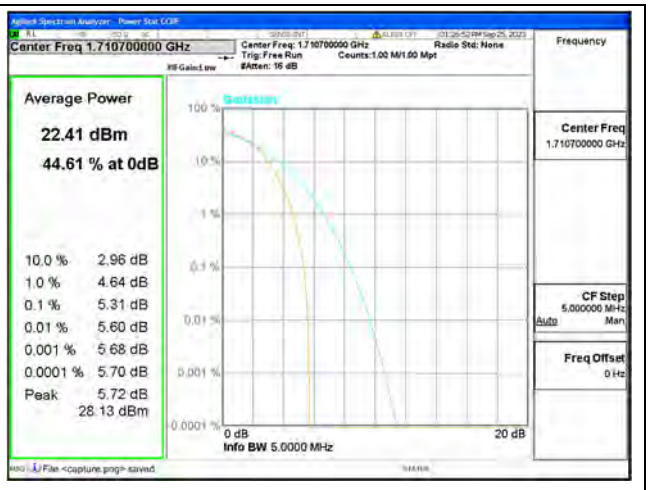


B4 / 20MHz / High CH / QPSK

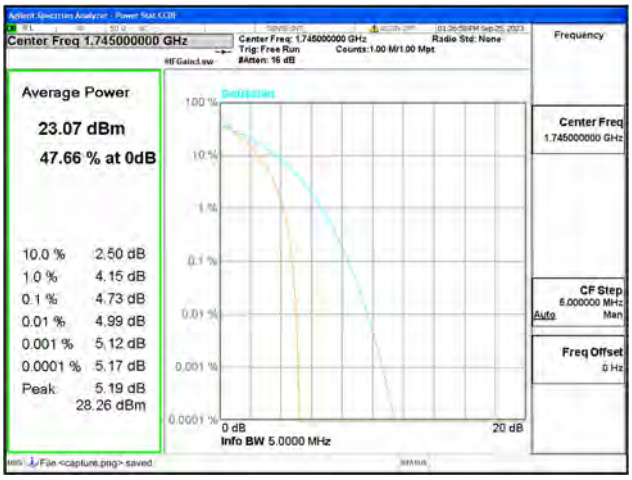


B4 / 20MHz / High CH / 16QAM

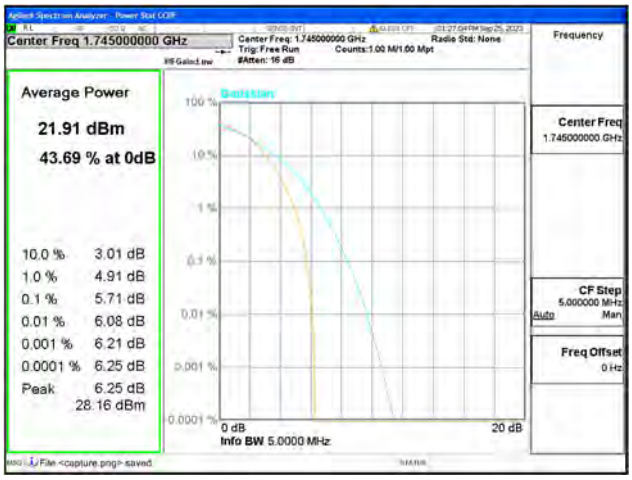
B66 / 1.4MHz / Low CH / QPSK



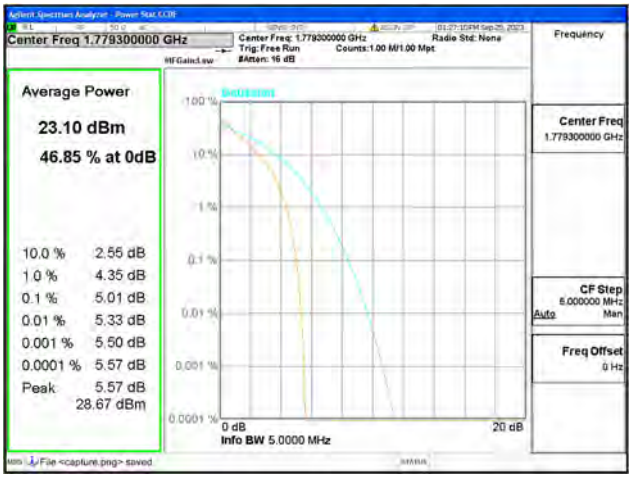
B66 / 1.4MHz / Low CH / 16QAM



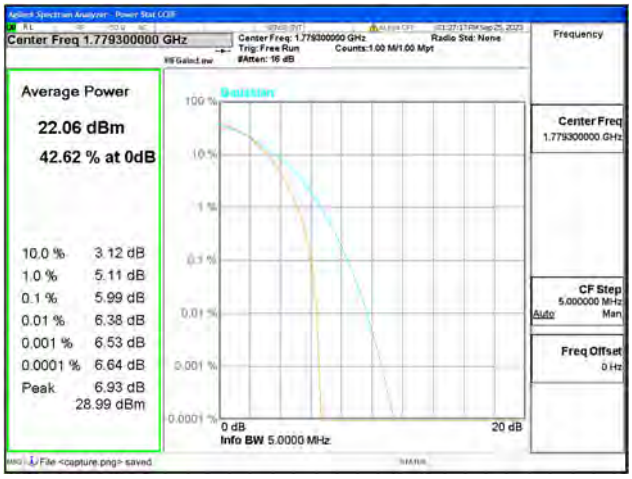
B66 / 1.4MHz / Mid CH / QPSK



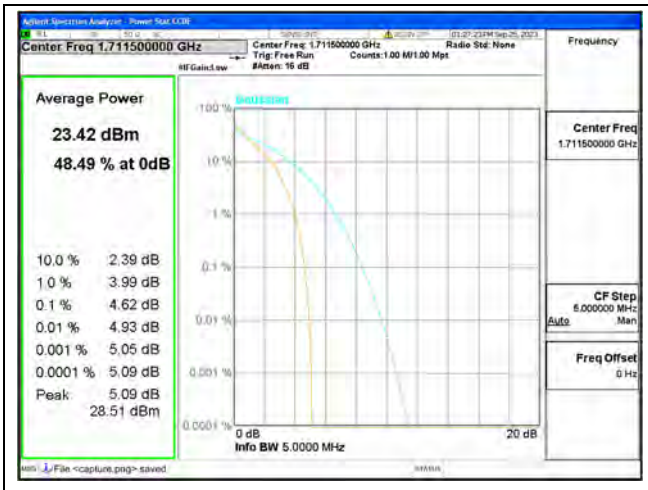
B66 / 1.4MHz / Mid CH / 16QAM



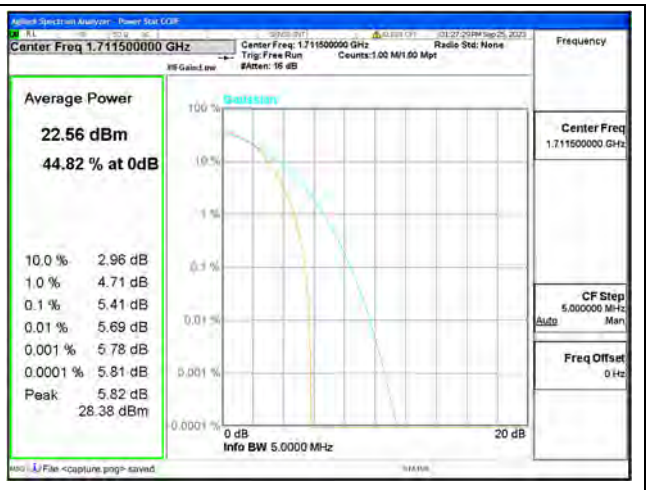
B66 / 1.4MHz / High CH / QPSK



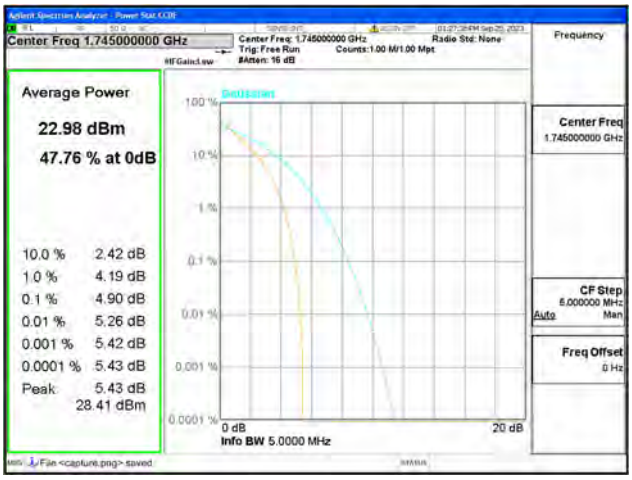
B66 / 1.4MHz / High CH / 16QAM



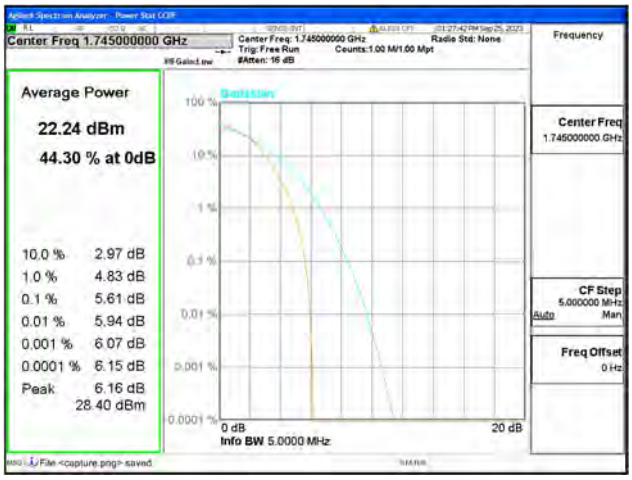
B66 / 3MHz / Low CH / QPSK



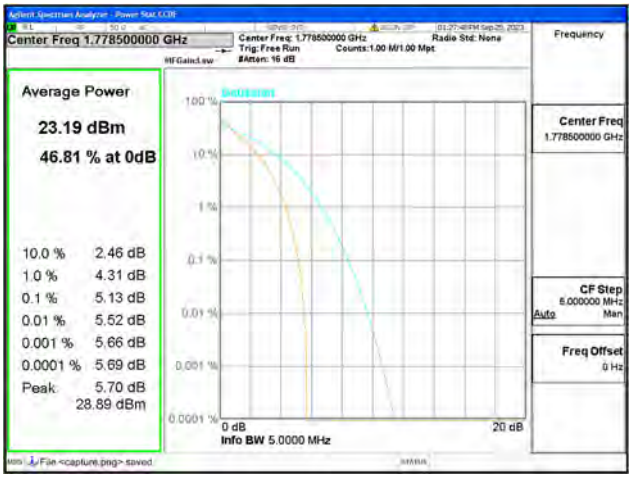
B66 / 3MHz / Low CH / 16QAM



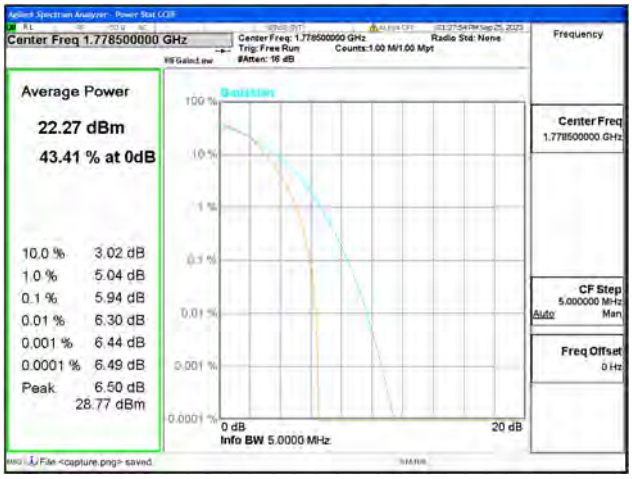
B66 / 3MHz / Mid CH / QPSK



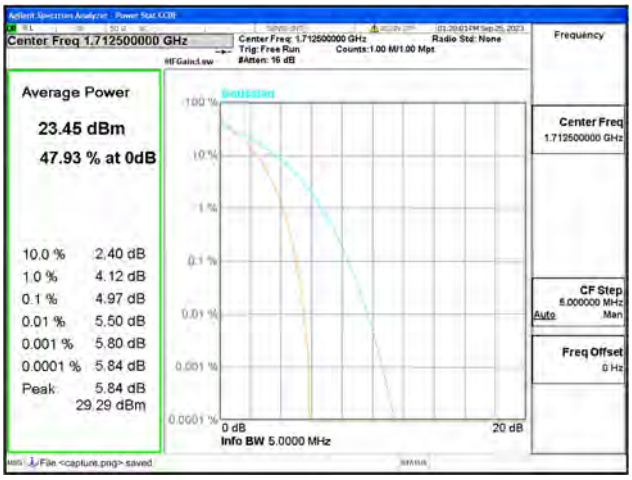
B66 / 3MHz / Mid CH / 16QAM



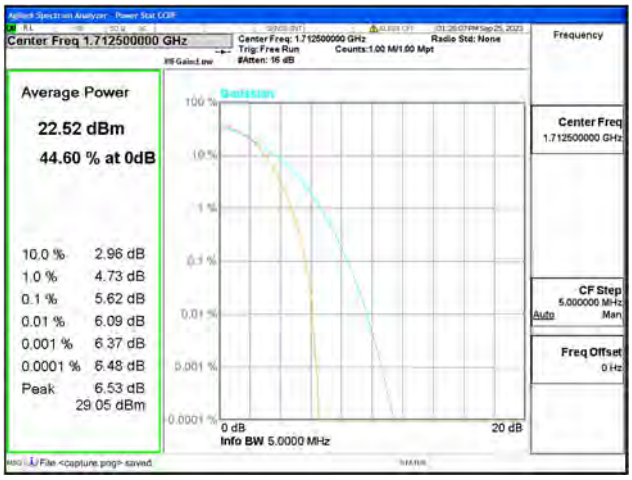
B66 / 3MHz / High CH / QPSK



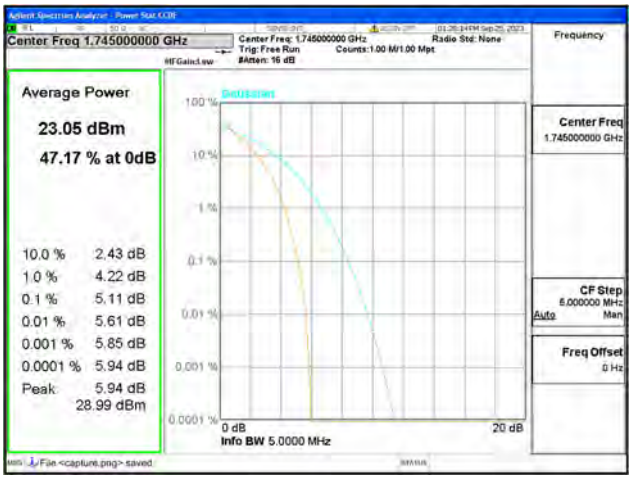
B66 / 3MHz / High CH / 16QAM



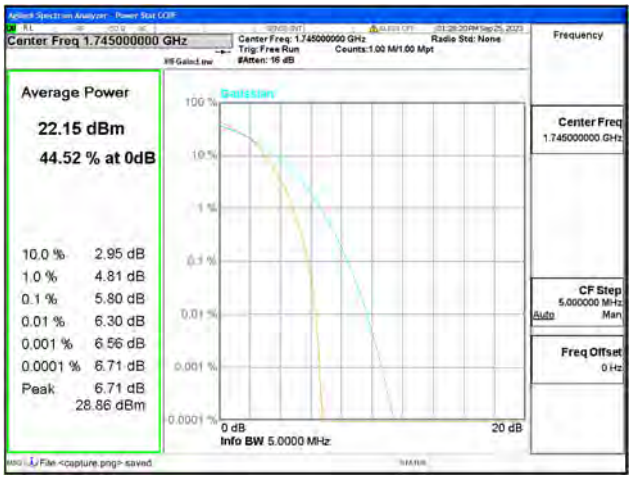
B66 / 5MHz / Low CH / QPSK



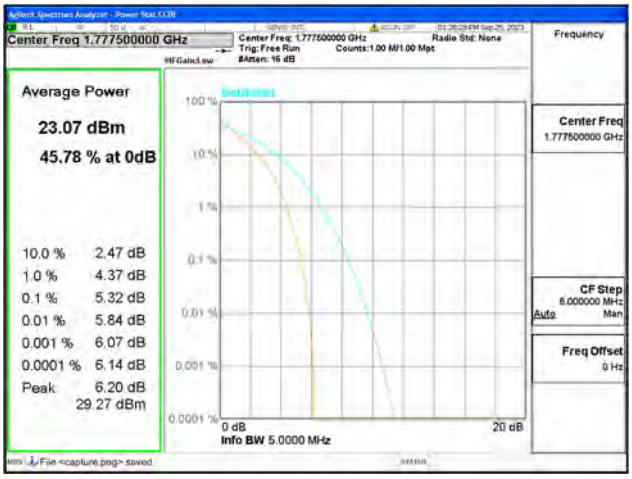
B66 / 5MHz / Low CH / 16QAM



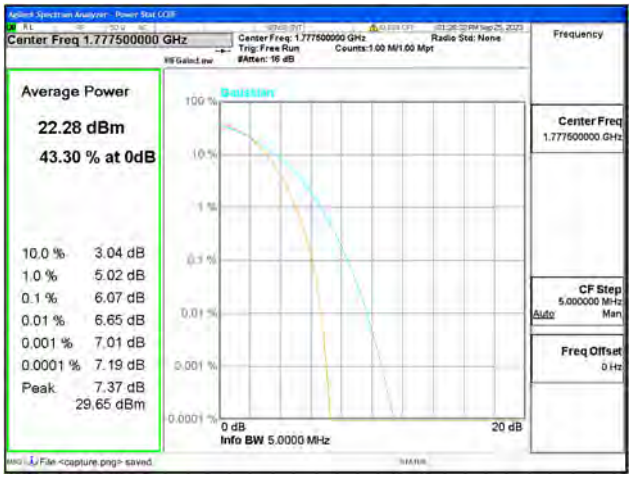
B66 / 5MHz / Mid CH / QPSK



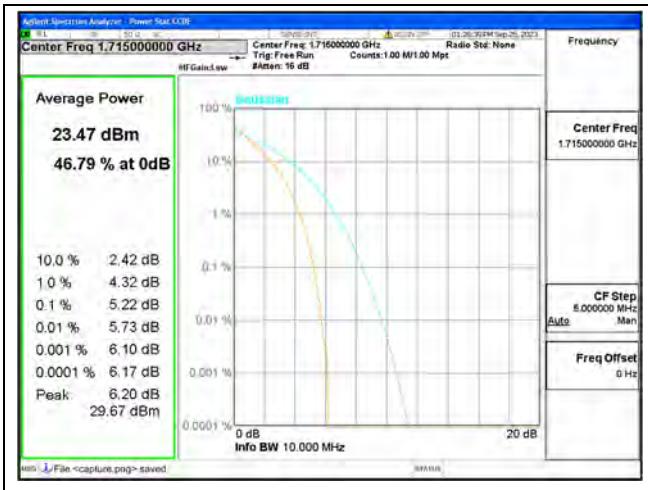
B66 / 5MHz / Mid CH / 16QAM



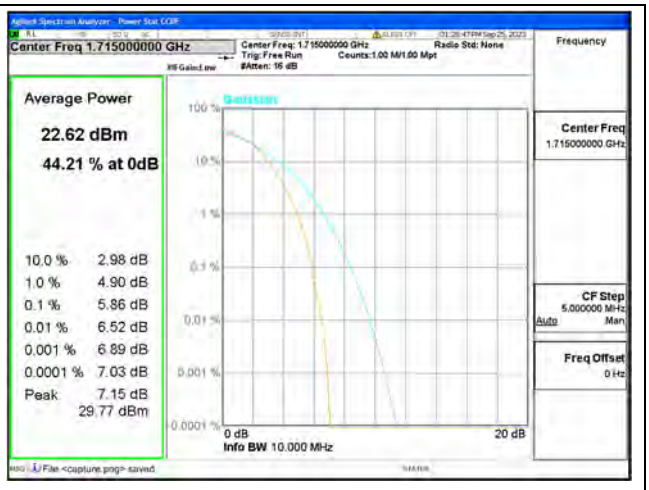
B66 / 5MHz / High CH / QPSK



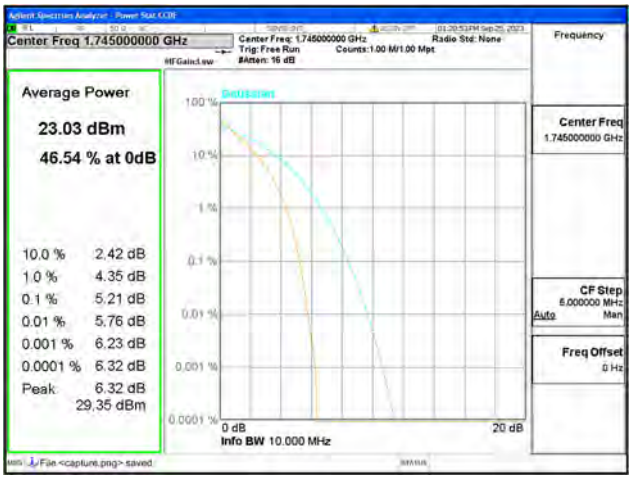
B66 / 5MHz / High CH / 16QAM



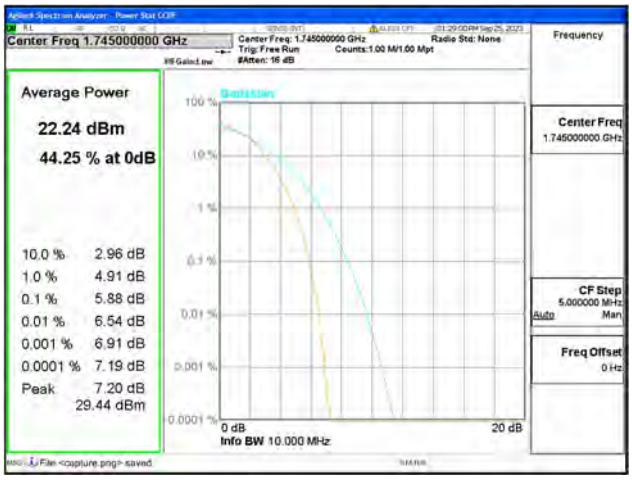
B66 / 10MHz / Low CH / QPSK



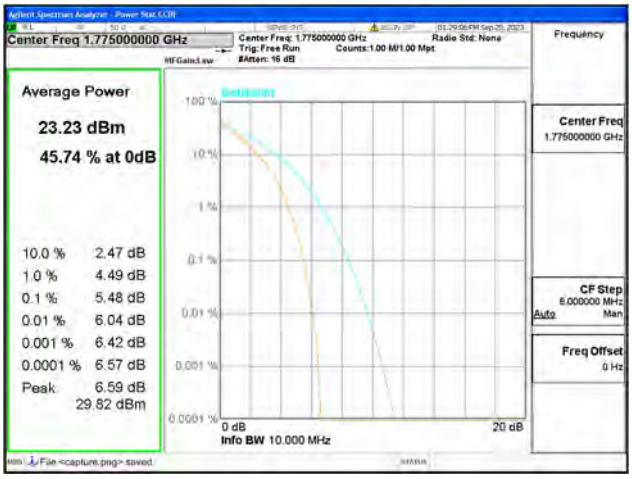
B66 / 10MHz / Low CH / 16QAM



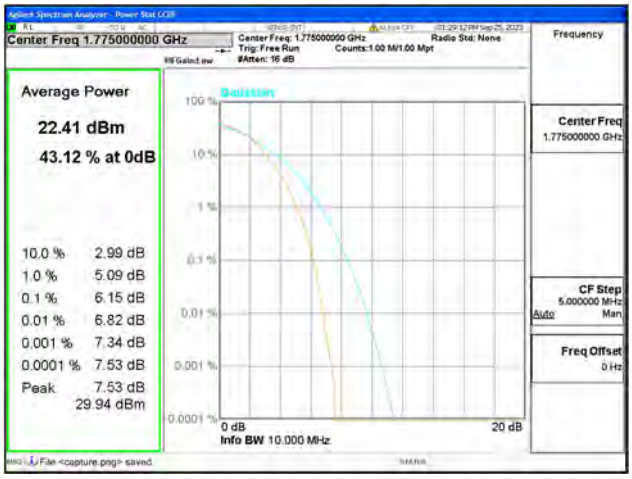
B66 / 10MHz / Mid CH / QPSK



B66 / 10MHz / Mid CH / 16QAM

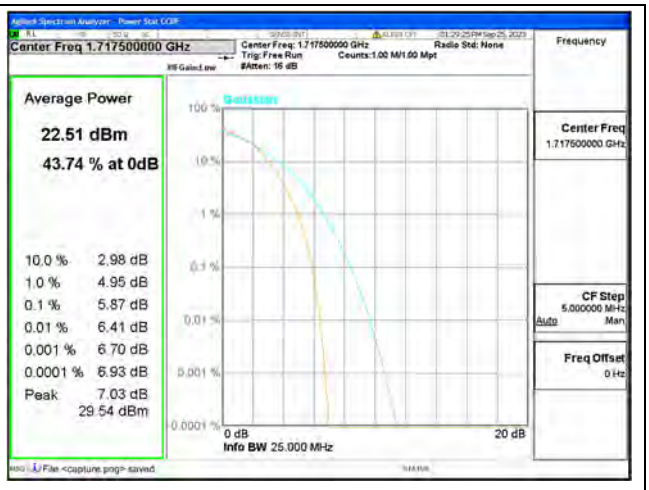


B66 / 10MHz / High CH / QPSK

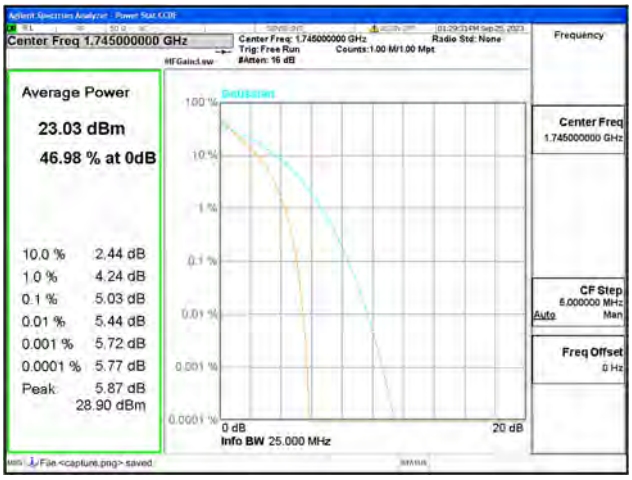


B66 / 10MHz / High CH / 16QAM

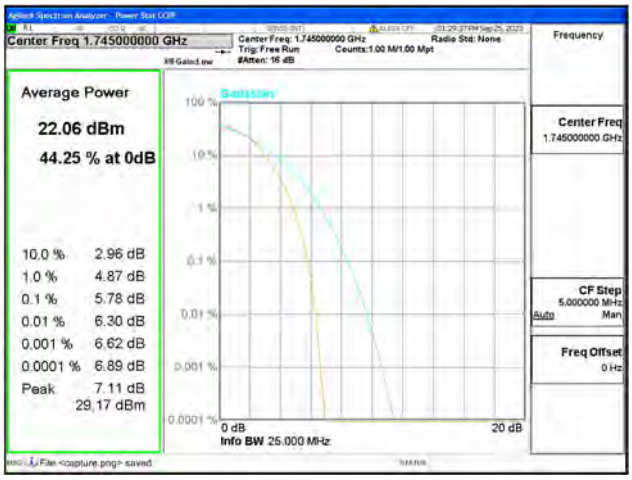
B66 / 15MHz / Low CH / QPSK



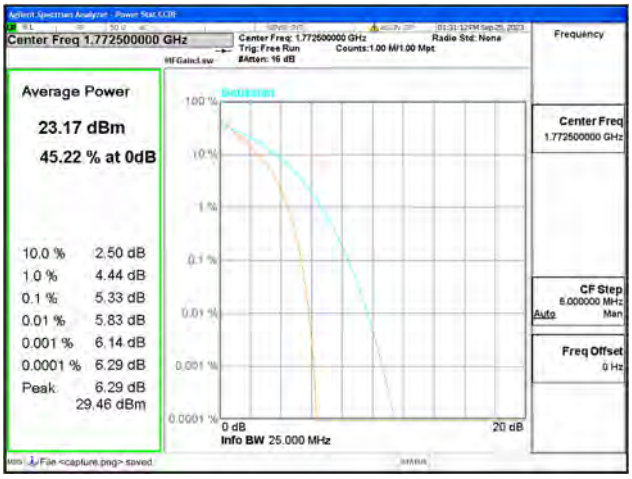
B66 / 15MHz / Low CH / 16QAM



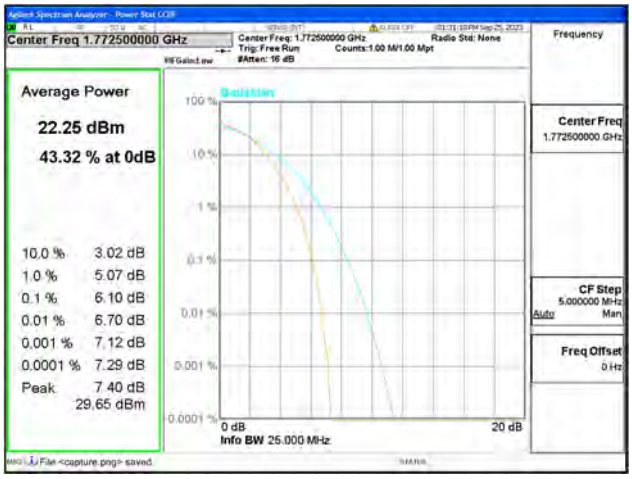
B66 / 15MHz / Mid CH / QPSK



B66 / 15MHz / Mid CH / 16QAM



B66 / 15MHz / High CH / QPSK



B66 / 15MHz / High CH / 16QAM