REPORT No.: SZ25020294W08

TEST REPORT

APPLICANT	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
PRODUCT NAME	:	Mobile Phone
MODEL NAME	:	RMX5303
BRAND NAME	:	realme
FCC ID	:	2AUYFRMX5303
STANDARD(S)	:	47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart F&L&M
RECEIPT DATE	:	2025-03-12
TEST DATE	:	2025-03-18 to 2025-04-18
ISSUE DATE	:	2025-04-24

Edited by: Zeng Xiaoying (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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

DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2025-04-24	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Applicant Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	4#, 16#	
Hardware Version:	11	
Software Version:	Android 15	
Modulation Type:	QPSK, 16QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 13 / 26 / 38 / 41 / 66	
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 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2535MHz –2655MHz

		Rx: 2535MHz –2655MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Inverted F Antenna	
Antenna Gain:	LTE Band 2	ANT0: -3.5dBi; ANT1: -3.4dBi
	LTE Band 4	ANT0: -2.8dBi; ANT1: -3.5dBi
	LTE Band 5	ANT0: -5.8dBi; ANT1: -4.5dBi
	LTE Band 7	ANT0: -4.7dBi; ANT1: -3.0dBi
	LTE Band 13	ANT0: -10.0dBi; ANT1: -5.0dBi
	LTE Band 26	ANT0: -5.7dBi; ANT1: -4.5dBi
	LTE Band 38	ANT0: -4.8dBi; ANT1: -3.0dBi
	LTE Band 41	ANT0: -4.8dBi; ANT1: -3.0dBi
	LTE Band 66	ANT0: -2.8dBi; ANT1: -3.5dBi
Accessory Information:	Battery	
	Brand Name:	SUPERVOOC
	Model No.:	BLPC71
	Serial No.:	N/A
	Capacity:	Typical: 6000mAh, Rated: 5830mAh
	Rated Voltage:	3.88V
	Charge Limit:	4.48V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4JAUH
	Serial No.:	N/A
	Rated Output:	5V⎓2A or 5V-11V⎓4.1A Max
	Rated Input:	100-240V~50/60Hz, 1.5A

	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	AC Adapter 2	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4HAUH
	Serial No.:	N/A
	Rated Output:	5V⎓2A or 5V-11V⎓4.1A Max
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	AC Adapter 3	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4JAUH
	Serial No.:	N/A
	Rated Output:	5V⎓2A or 5V-11V⎓4.1A Max
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	AC Adapter 4	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4HAUH
	Serial No.:	N/A
	Rated Output:	5V⎓2A or 5V-11V⎓4.1A Max
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	Shenzhen Huntkey Electric Co., Ltd.
	USB Cable 1	
	Model No.:	DL129
	USB Cable 2	
	Model No.:	DL154

Note 1: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

Note 2: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.092	0.073	18M0G7D	17M9W7D
15	0.090	0.072	13M5G7D	13M5W7D
10	0.088	0.071	9M00G7D	8M95W7D
5	0.084	0.070	4M50G7D	4M49W7D
3	0.087	0.071	2M72G7D	2M72W7D
1.4	0.086	0.070	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	0.092	0.081	17M9G7D	18M0W7D
15	0.091	0.081	13M5G7D	13M4W7D
10	0.090	0.080	8M97G7D	8M97W7D
5	0.089	0.079	4M49G7D	4M49W7D
3	0.086	0.077	2M72G7D	2M72W7D
1.4	0.085	0.077	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	0.048	0.044	8M99G7D	8M96W7D
5	0.048	0.043	4M49G7D	4M48W7D
3	0.048	0.042	2M72G7D	2M71W7D
1.4	0.047	0.042	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	0.101	0.089	17M9G7D	18M0W7D
15	0.101	0.087	13M5G7D	13M5W7D
10	0.099	0.086	8M98G7D	8M96W7D
5	0.097	0.085	4M49G7D	4M48W7D
LTE Band 13	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.044	0.039	8M97G7D	8M96W7D
5	0.043	0.039	4M49G7D	4M49W7D

LTE Band 26	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
15	0.038	0.036	13M5G7D	13M4W7D
10	0.039	0.036	8M99G7D	8M95W7D
5	0.040	0.036	4M48G7D	4M48W7D
3	0.039	0.034	2M71G7D	2M72W7D
1.4	0.037	0.033	1M10G7D	1M10W7D
LTE Band 38	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.121	0.099	17M9G7D	17M9W7D
15	0.117	0.098	13M5G7D	13M4W7D
10	0.115	0.096	8M97G7D	8M96W7D
5	0.114	0.094	4M49G7D	4M49W7D
LTE Band 41	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.122	0.098	17M9G7D	17M9W7D
15	0.119	0.097	13M5G7D	13M5W7D
10	0.117	0.096	8M97G7D	8M96W7D
5	0.116	0.095	4M49G7D	4M49W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.120	0.098	17M9G7D	18M0W7D
15	0.117	0.097	13M5G7D	13M5W7D
10	0.115	0.097	9M00G7D	8M96W7D
5	0.114	0.095	4M49G7D	4M49W7D
3	0.112	0.094	2M72G7D	2M72W7D
1.4	0.110	0.092	1M10G7D	1M10W7D

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(b)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Apr. 18, 2025	Zheng Jianhua Liu Zhiting	PASS	No deviation
2.1049	Occupied Bandwidth	Apr. 16, 2025	Liu Zhiting	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 11, 2025	Liu Zhiting	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 16, 2025	Liu Zhiting	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Mar. 28, 2025	Liu Zhiting	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2)	Band Edge	Mar. 26, 2025	Liu Zhiting	PASS	No deviation

27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Mar. 19&25, 2025	Li Hanbin	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:** Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table. **Note 3:** When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.					

1.5. Environmental Conditions

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

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

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

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

2.1.1. Requirement

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

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

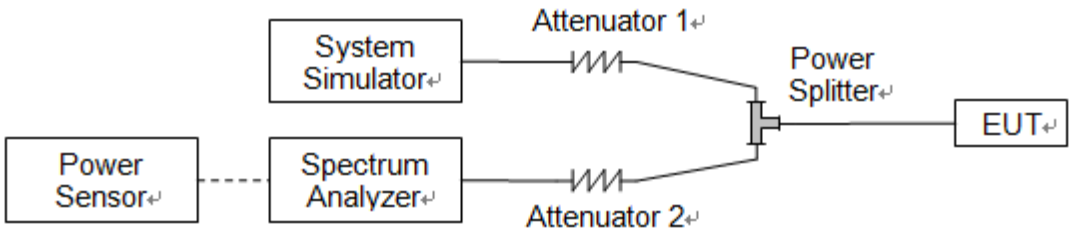
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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

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

According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.82	23.02	22.76
20	QPSK	1	49	22.80	22.84	22.77
20	QPSK	1	99	22.74	22.81	22.78
20	QPSK	50	0	22.37	22.30	22.33
20	QPSK	50	24	22.32	22.26	22.24
20	QPSK	50	50	22.29	22.32	22.25
20	QPSK	100	0	22.32	22.33	22.22
20	16QAM	1	0	21.99	21.90	21.73
20	16QAM	1	49	21.87	21.96	21.91
20	16QAM	1	99	21.97	21.74	22.01
20	16QAM	50	0	20.28	20.23	20.27
20	16QAM	50	24	20.49	20.34	20.33
20	16QAM	50	50	20.36	20.39	20.41
20	16QAM	100	0	20.34	20.36	20.32

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.77	22.93	22.69
15	QPSK	1	37	22.68	22.83	22.69
15	QPSK	1	74	22.65	22.74	22.73
15	QPSK	36	0	22.31	22.26	22.26
15	QPSK	36	20	22.20	22.16	22.21
15	QPSK	36	39	22.19	22.23	22.18
15	QPSK	75	0	22.30	22.25	22.15
15	16QAM	1	0	21.91	21.78	21.72
15	16QAM	1	37	21.75	21.95	21.88
15	16QAM	1	74	21.93	21.73	21.94
15	16QAM	36	0	20.26	20.19	20.23
15	16QAM	36	20	20.37	20.28	20.23
15	16QAM	36	39	20.28	20.34	20.31
15	16QAM	75	0	20.27	20.28	20.31

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.67	22.83	22.61
10	QPSK	1	25	22.56	22.74	22.62
10	QPSK	1	49	22.63	22.69	22.71
10	QPSK	25	0	22.26	22.15	22.19
10	QPSK	25	12	22.18	22.14	22.12
10	QPSK	25	25	22.13	22.17	22.09
10	QPSK	50	0	22.29	22.24	22.04
10	16QAM	1	0	21.90	21.77	21.64
10	16QAM	1	25	21.72	21.90	21.84
10	16QAM	1	49	21.84	21.62	21.82
10	16QAM	25	0	20.17	20.18	20.17
10	16QAM	25	12	20.36	20.21	20.14
10	16QAM	25	25	20.23	20.33	20.23
10	16QAM	50	0	20.26	20.24	20.25

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.44	22.64	22.44
5	QPSK	1	12	22.47	22.59	22.54
5	QPSK	1	24	22.43	22.62	22.50
5	QPSK	12	0	22.16	22.06	22.17
5	QPSK	12	7	22.04	21.96	22.03
5	QPSK	12	13	21.94	22.13	21.86
5	QPSK	25	0	22.16	22.20	21.92
5	16QAM	1	0	21.74	21.62	21.49
5	16QAM	1	12	21.67	21.86	21.76
5	16QAM	1	24	21.65	21.42	21.65
5	16QAM	12	0	20.10	20.07	20.04
5	16QAM	12	7	20.23	20.14	20.00
5	16QAM	12	13	20.01	20.27	20.01
5	16QAM	25	0	20.17	20.16	20.14

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.71	22.80	22.66
3	QPSK	1	8	22.69	22.74	22.66
3	QPSK	1	14	22.64	22.72	22.68
3	QPSK	8	0	22.27	22.20	22.23
3	QPSK	8	4	22.21	22.15	22.14
3	QPSK	8	7	22.18	22.22	22.14
3	QPSK	15	0	22.21	22.24	22.11
3	16QAM	1	0	21.89	21.80	21.62
3	16QAM	1	8	21.76	21.85	21.80
3	16QAM	1	14	21.86	21.64	21.90
3	16QAM	8	0	20.18	20.12	20.17
3	16QAM	8	4	20.40	20.25	20.22
3	16QAM	8	7	20.25	20.28	20.30
3	16QAM	15	0	20.25	20.26	20.23

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.66	22.73	22.61
1.4	QPSK	1	3	22.63	22.67	22.60
1.4	QPSK	1	5	22.58	22.65	22.61
1.4	QPSK	3	0	22.21	22.14	22.17
1.4	QPSK	3	1	22.16	22.11	22.09
1.4	QPSK	3	3	22.14	22.17	22.08
1.4	QPSK	6	0	22.15	22.17	22.07
1.4	16QAM	1	0	21.82	21.73	21.57
1.4	16QAM	1	3	21.71	21.79	21.74
1.4	16QAM	1	5	21.80	21.59	21.84
1.4	16QAM	3	0	20.12	20.07	20.11
1.4	16QAM	3	1	20.32	20.19	20.16
1.4	16QAM	3	3	20.21	20.24	20.24
1.4	16QAM	6	0	20.19	20.19	20.16

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.45	22.46	22.42
20	QPSK	1	49	22.37	22.37	22.36
20	QPSK	1	99	22.30	22.31	22.32
20	QPSK	50	0	21.87	21.86	21.79
20	QPSK	50	24	21.79	21.81	21.81
20	QPSK	50	50	21.78	21.82	21.89
20	QPSK	100	0	21.77	21.82	21.77
20	16QAM	1	0	21.47	21.70	21.76
20	16QAM	1	49	21.70	21.79	21.64
20	16QAM	1	99	21.80	21.82	21.89
20	16QAM	50	0	20.25	20.19	20.24
20	16QAM	50	24	20.28	20.20	20.21
20	16QAM	50	50	20.32	20.20	20.19
20	16QAM	100	0	20.24	20.26	20.22

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.39	22.40	22.32
15	QPSK	1	37	22.28	22.30	22.22
15	QPSK	1	74	22.29	22.23	22.24
15	QPSK	36	0	21.83	21.83	21.69
15	QPSK	36	20	21.76	21.82	21.80
15	QPSK	36	39	21.72	21.73	21.83
15	QPSK	75	0	21.73	21.79	21.74
15	16QAM	1	0	21.40	21.68	21.72
15	16QAM	1	37	21.73	21.72	21.57
15	16QAM	1	74	21.78	21.73	21.88
15	16QAM	36	0	20.22	20.14	20.20
15	16QAM	36	20	20.26	20.12	20.15
15	16QAM	36	39	20.29	20.17	20.16
15	16QAM	75	0	20.18	20.21	20.20

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.32	22.36	22.28
10	QPSK	1	25	22.22	22.26	22.18
10	QPSK	1	49	22.26	22.21	22.15
10	QPSK	25	0	21.77	21.77	21.66
10	QPSK	25	12	21.73	21.77	21.74
10	QPSK	25	25	21.68	21.70	21.76
10	QPSK	50	0	21.63	21.73	21.65
10	16QAM	1	0	21.36	21.60	21.70
10	16QAM	1	25	21.72	21.66	21.56
10	16QAM	1	49	21.72	21.72	21.83
10	16QAM	25	0	20.16	20.10	20.17
10	16QAM	25	12	20.24	20.03	20.05
10	16QAM	25	25	20.28	20.13	20.15
10	16QAM	50	0	20.11	20.11	20.15

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.24	22.19	22.27
5	QPSK	1	12	22.12	22.24	22.09
5	QPSK	1	24	22.18	22.14	22.06
5	QPSK	12	0	21.76	21.74	21.59
5	QPSK	12	7	21.68	21.74	21.68
5	QPSK	12	13	21.65	21.60	21.75
5	QPSK	25	0	21.56	21.66	21.60
5	16QAM	1	0	21.29	21.59	21.62
5	16QAM	1	12	21.70	21.63	21.46
5	16QAM	1	24	21.65	21.69	21.77
5	16QAM	12	0	20.14	20.07	20.09
5	16QAM	12	7	20.14	20.00	19.96
5	16QAM	12	13	20.25	20.05	20.09
5	16QAM	25	0	20.06	20.01	20.12

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.16	22.08	22.17
3	QPSK	1	8	22.03	22.16	22.01
3	QPSK	1	14	22.06	22.11	21.97
3	QPSK	8	0	21.72	21.63	21.56
3	QPSK	8	4	21.65	21.65	21.58
3	QPSK	8	7	21.58	21.57	21.63
3	QPSK	15	0	21.48	21.63	21.52
3	16QAM	1	0	21.20	21.54	21.56
3	16QAM	1	8	21.66	21.61	21.36
3	16QAM	1	14	21.56	21.65	21.65
3	16QAM	8	0	20.11	20.01	20.05
3	16QAM	8	4	20.04	19.90	19.91
3	16QAM	8	7	20.23	20.01	20.04
3	16QAM	15	0	19.99	19.97	20.02

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.08	22.02	22.07
1.4	QPSK	1	3	21.94	22.09	21.91
1.4	QPSK	1	5	22.05	22.03	21.94
1.4	QPSK	3	0	21.63	21.58	21.55
1.4	QPSK	3	1	21.60	21.56	21.57
1.4	QPSK	3	3	21.53	21.50	21.58
1.4	QPSK	6	0	21.43	21.54	21.48
1.4	16QAM	1	0	21.30	21.44	21.46
1.4	16QAM	1	3	21.65	21.53	21.28
1.4	16QAM	1	5	21.55	21.61	21.56
1.4	16QAM	3	0	21.22	21.14	21.19
1.4	16QAM	3	1	21.19	21.08	21.08
1.4	16QAM	3	3	21.39	21.20	21.14
1.4	16QAM	6	0	19.98	19.96	20.00

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.38	23.50	23.44
10	QPSK	1	25	23.40	23.46	23.28
10	QPSK	1	49	23.27	23.35	23.23
10	QPSK	25	0	22.98	23.12	23.02
10	QPSK	25	12	23.06	23.03	22.95
10	QPSK	25	25	22.93	22.93	22.93
10	QPSK	50	0	22.79	22.85	22.82
10	16QAM	1	0	22.95	22.87	22.81
10	16QAM	1	25	22.94	23.05	22.95
10	16QAM	1	49	22.93	22.94	22.81
10	16QAM	25	0	21.14	21.12	21.08
10	16QAM	25	12	21.11	21.02	20.99
10	16QAM	25	25	21.22	21.11	21.05
10	16QAM	50	0	21.22	21.03	21.08

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	23.35	23.40	23.37
5	QPSK	1	12	23.35	23.45	23.25
5	QPSK	1	24	23.22	23.34	23.18
5	QPSK	12	0	22.95	23.04	22.96
5	QPSK	12	7	23.05	22.98	22.86
5	QPSK	12	13	22.86	22.87	22.90
5	QPSK	25	0	22.74	22.84	22.78
5	16QAM	1	0	22.90	22.79	22.76
5	16QAM	1	12	22.91	22.98	22.94
5	16QAM	1	24	22.83	22.86	22.77
5	16QAM	12	0	21.11	21.02	21.03
5	16QAM	12	7	21.02	20.96	20.90
5	16QAM	12	13	21.20	21.07	21.00
5	16QAM	25	0	21.21	20.95	20.98

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	23.26	23.30	23.27
3	QPSK	1	8	23.34	23.42	23.19
3	QPSK	1	14	23.18	23.33	23.08
3	QPSK	8	0	22.94	22.97	22.94
3	QPSK	8	4	22.95	22.91	22.80
3	QPSK	8	7	22.76	22.81	22.81
3	QPSK	15	0	22.69	22.80	22.77
3	16QAM	1	0	22.84	22.75	22.69
3	16QAM	1	8	22.82	22.89	22.93
3	16QAM	1	14	22.80	22.76	22.72
3	16QAM	8	0	21.06	20.98	21.00
3	16QAM	8	4	20.97	20.88	20.87
3	16QAM	8	7	21.17	21.05	20.92
3	16QAM	15	0	21.14	20.89	20.95

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.16	23.23	23.20
1.4	QPSK	1	3	23.29	23.34	23.18
1.4	QPSK	1	5	23.14	23.26	22.99
1.4	QPSK	3	0	22.88	22.96	22.88
1.4	QPSK	3	1	22.85	22.84	22.71
1.4	QPSK	3	3	22.69	22.76	22.75
1.4	QPSK	6	0	22.59	22.79	22.75
1.4	16QAM	1	0	22.75	22.70	22.62
1.4	16QAM	1	3	22.81	22.81	22.92
1.4	16QAM	1	5	22.75	22.75	22.65
1.4	16QAM	3	0	21.98	21.89	21.93
1.4	16QAM	3	1	21.87	21.82	21.81
1.4	16QAM	3	3	22.11	22.04	21.90
1.4	16QAM	6	0	21.04	20.87	20.85

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.97	23.03	22.90
20	QPSK	1	49	22.91	22.98	22.99
20	QPSK	1	99	22.98	22.97	22.98
20	QPSK	50	0	22.39	22.50	22.45
20	QPSK	50	24	22.47	22.43	22.43
20	QPSK	50	50	22.44	22.44	22.45
20	QPSK	100	0	22.40	22.43	22.38
20	16QAM	1	0	22.35	22.31	22.34
20	16QAM	1	49	22.39	22.43	22.36
20	16QAM	1	99	22.44	22.50	22.42
20	16QAM	50	0	21.33	21.48	21.55
20	16QAM	50	24	21.39	21.41	21.33
20	16QAM	50	50	21.42	21.44	21.31
20	16QAM	100	0	21.39	21.37	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				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.86	23.05	22.93
15	QPSK	1	37	22.83	22.92	22.96
15	QPSK	1	74	22.90	22.92	22.96
15	QPSK	36	0	22.34	22.42	22.35
15	QPSK	36	20	22.46	22.32	22.36
15	QPSK	36	39	22.41	22.33	22.36
15	QPSK	75	0	22.38	22.32	22.33
15	16QAM	1	0	22.28	22.28	22.31
15	16QAM	1	37	22.29	22.37	22.29
15	16QAM	1	74	22.41	22.38	22.34
15	16QAM	36	0	21.31	21.40	21.50
15	16QAM	36	20	21.30	21.29	21.26
15	16QAM	36	39	21.40	21.33	21.21
15	16QAM	75	0	21.31	21.26	21.46

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.85	22.94	22.87
10	QPSK	1	25	22.75	22.80	22.86
10	QPSK	1	49	22.82	22.84	22.92
10	QPSK	25	0	22.31	22.41	22.30
10	QPSK	25	12	22.38	22.27	22.33
10	QPSK	25	25	22.32	22.22	22.32
10	QPSK	50	0	22.34	22.29	22.31
10	16QAM	1	0	22.18	22.17	22.24
10	16QAM	1	25	22.17	22.36	22.28
10	16QAM	1	49	22.30	22.27	22.29
10	16QAM	25	0	21.25	21.29	21.46
10	16QAM	25	12	21.22	21.26	21.25
10	16QAM	25	25	21.36	21.27	21.20
10	16QAM	50	0	21.26	21.20	21.43

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.80	22.87	22.77
5	QPSK	1	12	22.74	22.78	22.74
5	QPSK	1	24	22.70	22.72	22.89
5	QPSK	12	0	22.22	22.29	22.21
5	QPSK	12	7	22.34	22.26	22.27
5	QPSK	12	13	22.31	22.12	22.30
5	QPSK	25	0	22.24	22.23	22.19
5	16QAM	1	0	22.12	22.12	22.21
5	16QAM	1	12	22.14	22.31	22.23
5	16QAM	1	24	22.21	22.25	22.22
5	16QAM	12	0	21.15	21.27	21.34
5	16QAM	12	7	21.20	21.20	21.14
5	16QAM	12	13	21.27	21.23	21.13
5	16QAM	25	0	21.14	21.15	21.41

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.57	/
10	QPSK	1	25	/	23.39	/
10	QPSK	1	49	/	23.46	/
10	QPSK	25	0	/	23.14	/
10	QPSK	25	12	/	23.07	/
10	QPSK	25	25	/	22.96	/
10	QPSK	50	0	/	23.07	/
10	16QAM	1	0	/	22.92	/
10	16QAM	1	25	/	23.08	/
10	16QAM	1	49	/	23.09	/
10	16QAM	25	0	/	21.99	/
10	16QAM	25	12	/	22.03	/
10	16QAM	25	25	/	22.07	/
10	16QAM	50	0	/	22.06	/

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.11	23.46	23.30
5	QPSK	1	12	23.36	23.38	23.28
5	QPSK	1	24	23.34	23.42	23.37
5	QPSK	12	0	23.03	23.10	23.08
5	QPSK	12	7	23.03	23.02	23.00
5	QPSK	12	13	22.93	22.94	22.86
5	QPSK	25	0	23.04	23.02	22.96
5	16QAM	1	0	22.81	22.82	22.84
5	16QAM	1	12	22.97	23.05	23.05
5	16QAM	1	24	23.08	22.99	23.04
5	16QAM	12	0	21.94	21.92	21.88
5	16QAM	12	7	21.91	21.99	21.96
5	16QAM	12	13	21.95	22.02	22.01
5	16QAM	25	0	22.04	21.94	21.96

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.76	22.94	22.81
15	QPSK	1	37	22.75	22.78	22.79
15	QPSK	1	74	22.65	22.80	22.82
15	QPSK	36	0	21.76	21.79	21.70
15	QPSK	36	20	21.98	21.89	21.96
15	QPSK	36	39	21.98	21.93	21.90
15	QPSK	75	0	21.92	21.91	21.97
15	16QAM	1	0	22.16	22.13	22.00
15	16QAM	1	37	21.91	21.98	21.98
15	16QAM	1	74	21.96	21.91	22.02
15	16QAM	36	0	20.64	20.66	20.77
15	16QAM	36	20	20.62	20.67	20.64
15	16QAM	36	39	20.74	21.00	20.73
15	16QAM	75	0	20.78	20.72	20.69

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.68	22.83	22.71
10	QPSK	1	25	22.72	22.67	22.78
10	QPSK	1	49	22.60	22.74	22.70
10	QPSK	25	0	21.72	21.69	21.63
10	QPSK	25	12	21.95	21.82	21.91
10	QPSK	25	25	21.90	21.90	21.85
10	QPSK	50	0	21.84	21.89	21.89
10	16QAM	1	0	22.12	22.07	21.91
10	16QAM	1	25	21.80	21.91	21.87
10	16QAM	1	49	21.86	21.84	21.93
10	16QAM	25	0	20.55	20.65	20.73
10	16QAM	25	12	20.61	20.62	20.61
10	16QAM	25	25	20.69	20.88	20.66
10	16QAM	50	0	20.72	20.61	20.64

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.69	22.72	22.65
5	QPSK	1	12	22.53	22.74	22.67
5	QPSK	1	24	22.42	22.67	22.66
5	QPSK	12	0	21.65	21.68	21.55
5	QPSK	12	7	21.94	21.68	21.79
5	QPSK	12	13	21.74	21.75	21.76
5	QPSK	25	0	21.81	21.76	21.85
5	16QAM	1	0	22.03	21.94	21.94
5	16QAM	1	12	21.77	21.86	21.81
5	16QAM	1	24	21.79	21.71	21.85
5	16QAM	12	0	20.47	20.56	20.55
5	16QAM	12	7	20.51	20.46	20.54
5	16QAM	12	13	20.56	20.53	20.68
5	16QAM	25	0	20.63	20.52	20.61

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.63	22.61	22.62
3	QPSK	1	8	22.47	22.71	22.66
3	QPSK	1	14	22.39	22.65	22.60
3	QPSK	8	0	21.62	21.66	21.48
3	QPSK	8	4	21.92	21.58	21.75
3	QPSK	8	7	21.62	21.69	21.68
3	QPSK	15	0	21.75	21.70	21.74
3	16QAM	1	0	21.93	21.89	21.87
3	16QAM	1	8	21.65	21.83	21.70
3	16QAM	1	14	21.67	21.60	21.84
3	16QAM	8	0	20.46	20.51	20.43
3	16QAM	8	4	20.41	20.36	20.43
3	16QAM	8	7	20.52	20.45	20.58
3	16QAM	15	0	20.58	20.49	20.60

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.60	22.50	22.58
1.4	QPSK	1	3	22.35	22.59	22.55
1.4	QPSK	1	5	22.30	22.60	22.51
1.4	QPSK	3	0	22.06	22.09	22.13
1.4	QPSK	3	1	22.44	22.06	22.20
1.4	QPSK	3	3	22.05	22.16	22.10
1.4	QPSK	6	0	21.66	21.67	21.67
1.4	16QAM	1	0	21.86	21.79	21.85
1.4	16QAM	1	3	21.58	21.74	21.58
1.4	16QAM	1	5	21.62	21.50	21.72
1.4	16QAM	3	0	21.18	21.22	21.17
1.4	16QAM	3	1	21.14	21.14	21.20
1.4	16QAM	3	3	21.04	21.18	21.03
1.4	16QAM	6	0	20.50	20.45	20.53

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.70	23.82	23.78
20	QPSK	1	49	23.68	23.67	23.68
20	QPSK	1	99	23.47	23.57	23.63
20	QPSK	50	0	22.83	22.87	22.74
20	QPSK	50	24	22.75	22.69	22.74
20	QPSK	50	50	22.70	22.69	22.68
20	QPSK	100	0	22.74	22.68	22.80
20	16QAM	1	0	22.90	22.96	22.72
20	16QAM	1	49	22.63	22.78	22.72
20	16QAM	1	99	22.68	22.64	22.83
20	16QAM	50	0	21.74	21.72	21.89
20	16QAM	50	24	21.64	21.79	21.77
20	16QAM	50	50	21.77	21.81	21.80
20	16QAM	100	0	21.83	21.75	21.78

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.64	23.70	23.70
15	QPSK	1	37	23.56	23.63	23.67
15	QPSK	1	74	23.35	23.56	23.56
15	QPSK	36	0	22.75	22.83	22.62
15	QPSK	36	20	22.72	22.59	22.71
15	QPSK	36	39	22.59	22.68	22.57
15	QPSK	75	0	22.71	22.61	22.72
15	16QAM	1	0	22.86	22.90	22.68
15	16QAM	1	37	22.57	22.72	22.71
15	16QAM	1	74	22.67	22.58	22.75
15	16QAM	36	0	21.66	21.61	21.82
15	16QAM	36	20	21.60	21.73	21.71
15	16QAM	36	39	21.66	21.80	21.70
15	16QAM	75	0	21.75	21.74	21.76

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.53	23.62	23.61
10	QPSK	1	25	23.50	23.57	23.59
10	QPSK	1	49	23.32	23.54	23.51
10	QPSK	25	0	22.64	22.73	22.61
10	QPSK	25	12	22.61	22.56	22.66
10	QPSK	25	25	22.47	22.67	22.56
10	QPSK	50	0	22.62	22.52	22.69
10	16QAM	1	0	22.84	22.83	22.61
10	16QAM	1	25	22.51	22.64	22.62
10	16QAM	1	49	22.56	22.53	22.66
10	16QAM	25	0	21.57	21.54	21.80
10	16QAM	25	12	21.52	21.69	21.69
10	16QAM	25	25	21.55	21.73	21.62
10	16QAM	50	0	21.73	21.68	21.75

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.41	23.50	23.55
5	QPSK	1	12	23.43	23.47	23.56
5	QPSK	1	24	23.20	23.51	23.41
5	QPSK	12	0	22.61	22.63	22.56
5	QPSK	12	7	22.58	22.48	22.64
5	QPSK	12	13	22.38	22.62	22.54
5	QPSK	25	0	22.58	22.40	22.63
5	16QAM	1	0	22.74	22.73	22.49
5	16QAM	1	12	22.46	22.60	22.56
5	16QAM	1	24	22.52	22.45	22.63
5	16QAM	12	0	21.52	21.43	21.76
5	16QAM	12	7	21.42	21.62	21.67
5	16QAM	12	13	21.46	21.69	21.52
5	16QAM	25	0	21.62	21.65	21.64

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	23.75	23.87	23.80
20	QPSK	1	49	23.30	23.30	23.23
20	QPSK	1	99	23.03	22.95	22.94
20	QPSK	50	0	22.65	22.45	22.69
20	QPSK	50	24	22.91	22.59	22.66
20	QPSK	50	50	22.90	22.46	22.55
20	QPSK	100	0	22.99	22.56	22.61
20	16QAM	1	0	22.76	22.80	22.87
20	16QAM	1	49	22.92	22.72	22.90
20	16QAM	1	99	22.82	22.74	22.86
20	16QAM	50	0	21.69	21.59	21.68
20	16QAM	50	24	21.96	21.58	21.69
20	16QAM	50	50	21.92	21.54	21.68
20	16QAM	100	0	21.84	21.69	21.77

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	23.68	23.76	23.71
15	QPSK	1	37	23.25	23.20	23.16
15	QPSK	1	74	22.97	22.87	22.93
15	QPSK	36	0	22.54	22.44	22.68
15	QPSK	36	20	22.79	22.48	22.54
15	QPSK	36	39	22.82	22.34	22.45
15	QPSK	75	0	22.92	22.55	22.50
15	16QAM	1	0	22.74	22.73	22.81
15	16QAM	1	37	22.81	22.64	22.87
15	16QAM	1	74	22.73	22.68	22.84
15	16QAM	36	0	21.91	21.57	21.62
15	16QAM	36	20	21.87	21.47	21.59
15	16QAM	36	39	21.82	21.44	21.67
15	16QAM	75	0	21.79	21.64	21.74

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	23.67	23.67	23.68
10	QPSK	1	25	23.22	23.09	23.06
10	QPSK	1	49	22.93	22.86	22.83
10	QPSK	25	0	22.45	22.43	22.67
10	QPSK	25	12	22.69	22.46	22.43
10	QPSK	25	25	22.72	22.28	22.37
10	QPSK	50	0	22.80	22.45	22.47
10	16QAM	1	0	22.81	22.62	22.72
10	16QAM	1	25	22.70	22.56	22.77
10	16QAM	1	49	22.72	22.60	22.81
10	16QAM	25	0	21.85	21.49	21.59
10	16QAM	25	12	21.78	21.43	21.57
10	16QAM	25	25	21.72	21.36	21.55
10	16QAM	50	0	21.74	21.54	21.73

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	23.60	23.57	23.63
5	QPSK	1	12	23.21	23.06	22.96
5	QPSK	1	24	22.86	22.79	22.82
5	QPSK	12	0	22.41	22.32	22.59
5	QPSK	12	7	22.58	22.39	22.38
5	QPSK	12	13	22.71	22.19	22.31
5	QPSK	25	0	22.73	22.44	22.41
5	16QAM	1	0	22.70	22.52	22.67
5	16QAM	1	12	22.69	22.51	22.68
5	16QAM	1	24	22.65	22.49	22.78
5	16QAM	12	0	21.81	21.40	21.55
5	16QAM	12	7	21.70	21.36	21.55
5	16QAM	12	13	21.60	21.34	21.53
5	16QAM	25	0	21.64	21.50	21.70

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	23.51	23.58	23.46
20	QPSK	1	49	23.26	23.32	23.28
20	QPSK	1	99	23.24	23.39	23.41
20	QPSK	50	0	22.46	22.57	22.49
20	QPSK	50	24	22.44	22.36	22.43
20	QPSK	50	50	22.47	22.43	22.41
20	QPSK	100	0	22.40	22.37	22.41
20	16QAM	1	0	22.70	22.63	22.53
20	16QAM	1	49	22.43	22.45	22.43
20	16QAM	1	99	22.40	22.45	22.54
20	16QAM	50	0	21.45	21.49	21.55
20	16QAM	50	24	21.43	21.47	21.43
20	16QAM	50	50	21.50	21.49	21.48
20	16QAM	100	0	21.53	21.53	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				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.50	23.49	23.44
15	QPSK	1	37	23.23	23.23	23.25
15	QPSK	1	74	23.22	23.30	23.32
15	QPSK	36	0	22.36	22.45	22.44
15	QPSK	36	20	22.39	22.34	22.39
15	QPSK	36	39	22.40	22.33	22.39
15	QPSK	75	0	22.32	22.25	22.40
15	16QAM	1	0	22.66	22.61	22.47
15	16QAM	1	37	22.41	22.38	22.35
15	16QAM	1	74	22.29	22.35	22.49
15	16QAM	36	0	21.41	21.43	21.45
15	16QAM	36	20	21.34	21.42	21.34
15	16QAM	36	39	21.45	21.46	21.42
15	16QAM	75	0	21.41	21.49	21.41

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	23.38	23.42	23.34
10	QPSK	1	25	23.19	23.14	23.17
10	QPSK	1	49	23.12	23.22	23.23
10	QPSK	25	0	22.24	22.44	22.32
10	QPSK	25	12	22.38	22.23	22.31
10	QPSK	25	25	22.35	22.25	22.31
10	QPSK	50	0	22.24	22.19	22.34
10	16QAM	1	0	22.65	22.51	22.43
10	16QAM	1	25	22.30	22.30	22.34
10	16QAM	1	49	22.22	22.29	22.47
10	16QAM	25	0	21.31	21.37	21.41
10	16QAM	25	12	21.33	21.41	21.33
10	16QAM	25	25	21.40	21.35	21.41
10	16QAM	50	0	21.36	21.48	21.35

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	23.33	23.37	23.32
5	QPSK	1	12	23.12	23.07	23.07
5	QPSK	1	24	23.11	23.16	23.13
5	QPSK	12	0	22.16	22.39	22.23
5	QPSK	12	7	22.27	22.14	22.30
5	QPSK	12	13	22.27	22.17	22.24
5	QPSK	25	0	22.12	22.08	22.32
5	16QAM	1	0	22.58	22.42	22.40
5	16QAM	1	12	22.29	22.26	22.26
5	16QAM	1	24	22.15	22.19	22.39
5	16QAM	12	0	21.20	21.30	21.30
5	16QAM	12	7	21.30	21.31	21.32
5	16QAM	12	13	21.38	21.32	21.38
5	16QAM	25	0	21.24	21.42	21.25

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	23.25	23.28	23.25
3	QPSK	1	8	23.05	23.02	22.95
3	QPSK	1	14	23.00	23.14	23.11
3	QPSK	8	0	22.08	22.36	22.21
3	QPSK	8	4	22.21	22.12	22.19
3	QPSK	8	7	22.26	22.06	22.22
3	QPSK	15	0	22.06	22.03	22.27
3	16QAM	1	0	22.54	22.33	22.36
3	16QAM	1	8	22.19	22.24	22.16
3	16QAM	1	14	22.05	22.12	22.37
3	16QAM	8	0	21.17	21.18	21.27
3	16QAM	8	4	21.27	21.28	21.30
3	16QAM	8	7	21.28	21.24	21.33
3	16QAM	15	0	21.13	21.34	21.19

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	23.14	23.20	23.22
1.4	QPSK	1	3	22.95	22.94	22.84
1.4	QPSK	1	5	22.95	23.07	23.06
1.4	QPSK	3	0	22.82	23.01	22.85
1.4	QPSK	3	1	22.92	22.78	22.85
1.4	QPSK	3	3	22.93	22.75	22.87
1.4	QPSK	6	0	21.97	22.02	22.19
1.4	16QAM	1	0	22.44	22.21	22.30
1.4	16QAM	1	3	22.16	22.19	22.06
1.4	16QAM	1	5	22.20	22.06	22.34
1.4	16QAM	3	0	21.84	21.82	21.93
1.4	16QAM	3	1	21.97	21.95	22.04
1.4	16QAM	3	3	21.94	21.91	21.97
1.4	16QAM	6	0	21.06	21.31	21.07

Effective Radiated Power and Effective Isotropic Radiated Power:

Note: Only the results for the maximum antenna gain of the two antennas were calculated and recorded.

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.42	0.087	19.62	0.092	19.36	0.086
20	QPSK	1	49	19.40	0.087	19.44	0.088	19.37	0.086
20	QPSK	1	99	19.34	0.086	19.41	0.087	19.38	0.087
20	QPSK	50	0	18.97	0.079	18.90	0.078	18.93	0.078
20	QPSK	50	24	18.92	0.078	18.86	0.077	18.84	0.077
20	QPSK	50	50	18.89	0.077	18.92	0.078	18.85	0.077
20	QPSK	100	0	18.92	0.078	18.93	0.078	18.82	0.076
20	16QAM	1	0	18.59	0.072	18.50	0.071	18.33	0.068
20	16QAM	1	49	18.47	0.070	18.56	0.072	18.51	0.071
20	16QAM	1	99	18.57	0.072	18.34	0.068	18.61	0.073
20	16QAM	50	0	16.88	0.049	16.83	0.048	16.87	0.049
20	16QAM	50	24	17.09	0.051	16.94	0.049	16.93	0.049
20	16QAM	50	50	16.96	0.050	16.99	0.050	17.01	0.050
20	16QAM	100	0	16.94	0.049	16.96	0.050	16.92	0.049

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.37	0.086	19.53	0.090	19.29	0.085
15	QPSK	1	37	19.28	0.085	19.43	0.088	19.29	0.085
15	QPSK	1	74	19.25	0.084	19.34	0.086	19.33	0.086
15	QPSK	36	0	18.91	0.078	18.86	0.077	18.86	0.077
15	QPSK	36	20	18.80	0.076	18.76	0.075	18.81	0.076
15	QPSK	36	39	18.79	0.076	18.83	0.076	18.78	0.076
15	QPSK	75	0	18.90	0.078	18.85	0.077	18.75	0.075
15	16QAM	1	0	18.51	0.071	18.38	0.069	18.32	0.068
15	16QAM	1	37	18.35	0.068	18.55	0.072	18.48	0.070
15	16QAM	1	74	18.53	0.071	18.33	0.068	18.54	0.071
15	16QAM	36	0	16.86	0.049	16.79	0.048	16.83	0.048
15	16QAM	36	20	16.97	0.050	16.88	0.049	16.83	0.048
15	16QAM	36	39	16.88	0.049	16.94	0.049	16.91	0.049
15	16QAM	75	0	16.87	0.049	16.88	0.049	16.91	0.049

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.27	0.085	19.43	0.088	19.21	0.083
10	QPSK	1	25	19.16	0.082	19.34	0.086	19.22	0.084
10	QPSK	1	49	19.23	0.084	19.29	0.085	19.31	0.085
10	QPSK	25	0	18.86	0.077	18.75	0.075	18.79	0.076
10	QPSK	25	12	18.78	0.076	18.74	0.075	18.72	0.074
10	QPSK	25	25	18.73	0.075	18.77	0.075	18.69	0.074
10	QPSK	50	0	18.89	0.077	18.84	0.077	18.64	0.073
10	16QAM	1	0	18.50	0.071	18.37	0.069	18.24	0.067
10	16QAM	1	25	18.32	0.068	18.50	0.071	18.44	0.070
10	16QAM	1	49	18.44	0.070	18.22	0.066	18.42	0.070
10	16QAM	25	0	16.77	0.048	16.78	0.048	16.77	0.048
10	16QAM	25	12	16.96	0.050	16.81	0.048	16.74	0.047
10	16QAM	25	25	16.83	0.048	16.93	0.049	16.83	0.048
10	16QAM	50	0	16.86	0.049	16.84	0.048	16.85	0.048

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.04	0.080	19.24	0.084	19.04	0.080
5	QPSK	1	12	19.07	0.081	19.19	0.083	19.14	0.082
5	QPSK	1	24	19.03	0.080	19.22	0.084	19.10	0.081
5	QPSK	12	0	18.76	0.075	18.66	0.073	18.77	0.075
5	QPSK	12	7	18.64	0.073	18.56	0.072	18.63	0.073
5	QPSK	12	13	18.54	0.071	18.73	0.075	18.46	0.070
5	QPSK	25	0	18.76	0.075	18.80	0.076	18.52	0.071
5	16QAM	1	0	18.34	0.068	18.22	0.066	18.09	0.064
5	16QAM	1	12	18.27	0.067	18.46	0.070	18.36	0.069
5	16QAM	1	24	18.25	0.067	18.02	0.063	18.25	0.067
5	16QAM	12	0	16.70	0.047	16.67	0.046	16.64	0.046
5	16QAM	12	7	16.83	0.048	16.74	0.047	16.60	0.046
5	16QAM	12	13	16.61	0.046	16.87	0.049	16.61	0.046
5	16QAM	25	0	16.77	0.048	16.76	0.047	16.74	0.047

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.31	0.085	19.40	0.087	19.26	0.084
3	QPSK	1	8	19.29	0.085	19.34	0.086	19.26	0.084
3	QPSK	1	14	19.24	0.084	19.32	0.086	19.28	0.085
3	QPSK	8	0	18.87	0.077	18.80	0.076	18.83	0.076
3	QPSK	8	4	18.81	0.076	18.75	0.075	18.74	0.075
3	QPSK	8	7	18.78	0.076	18.82	0.076	18.74	0.075
3	QPSK	15	0	18.81	0.076	18.84	0.077	18.71	0.074
3	16QAM	1	0	18.49	0.071	18.40	0.069	18.22	0.066
3	16QAM	1	8	18.36	0.069	18.45	0.070	18.40	0.069
3	16QAM	1	14	18.46	0.070	18.24	0.067	18.50	0.071
3	16QAM	8	0	16.78	0.048	16.72	0.047	16.77	0.048
3	16QAM	8	4	17.00	0.050	16.85	0.048	16.82	0.048
3	16QAM	8	7	16.85	0.048	16.88	0.049	16.90	0.049
3	16QAM	15	0	16.85	0.048	16.86	0.049	16.83	0.048

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.26	0.084	19.33	0.086	19.21	0.083
1.4	QPSK	1	3	19.23	0.084	19.27	0.085	19.20	0.083
1.4	QPSK	1	5	19.18	0.083	19.25	0.084	19.21	0.083
1.4	QPSK	3	0	18.81	0.076	18.74	0.075	18.77	0.075
1.4	QPSK	3	1	18.76	0.075	18.71	0.074	18.69	0.074
1.4	QPSK	3	3	18.74	0.075	18.77	0.075	18.68	0.074
1.4	QPSK	6	0	18.75	0.075	18.77	0.075	18.67	0.074
1.4	16QAM	1	0	18.42	0.070	18.33	0.068	18.17	0.066
1.4	16QAM	1	3	18.31	0.068	18.39	0.069	18.34	0.068
1.4	16QAM	1	5	18.40	0.069	18.19	0.066	18.44	0.070
1.4	16QAM	3	0	16.72	0.047	16.67	0.046	16.71	0.047
1.4	16QAM	3	1	16.92	0.049	16.79	0.048	16.76	0.047
1.4	16QAM	3	3	16.81	0.048	16.84	0.048	16.84	0.048
1.4	16QAM	6	0	16.79	0.048	16.79	0.048	16.76	0.047

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	19.65	0.092	19.66	0.092	19.62	0.092
20	QPSK	1	49	19.57	0.090	19.57	0.090	19.56	0.090
20	QPSK	1	99	19.50	0.089	19.51	0.089	19.52	0.089
20	QPSK	50	0	19.07	0.081	19.06	0.081	18.99	0.079
20	QPSK	50	24	18.99	0.079	19.01	0.080	19.01	0.080
20	QPSK	50	50	18.98	0.079	19.02	0.080	19.09	0.081
20	QPSK	100	0	18.97	0.079	19.02	0.080	18.97	0.079
20	16QAM	1	0	18.67	0.074	18.90	0.078	18.96	0.079
20	16QAM	1	49	18.90	0.078	18.99	0.079	18.84	0.077
20	16QAM	1	99	19.00	0.079	19.02	0.080	19.09	0.081
20	16QAM	50	0	17.45	0.056	17.39	0.055	17.44	0.055
20	16QAM	50	24	17.48	0.056	17.40	0.055	17.41	0.055
20	16QAM	50	50	17.52	0.056	17.40	0.055	17.39	0.055
20	16QAM	100	0	17.44	0.055	17.46	0.056	17.42	0.055

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	19.59	0.091	19.60	0.091	19.52	0.090
15	QPSK	1	37	19.48	0.089	19.50	0.089	19.42	0.087
15	QPSK	1	74	19.49	0.089	19.43	0.088	19.44	0.088
15	QPSK	36	0	19.03	0.080	19.03	0.080	18.89	0.077
15	QPSK	36	20	18.96	0.079	19.02	0.080	19.00	0.079
15	QPSK	36	39	18.92	0.078	18.93	0.078	19.03	0.080
15	QPSK	75	0	18.93	0.078	18.99	0.079	18.94	0.078
15	16QAM	1	0	18.60	0.072	18.88	0.077	18.92	0.078
15	16QAM	1	37	18.93	0.078	18.92	0.078	18.77	0.075
15	16QAM	1	74	18.98	0.079	18.93	0.078	19.08	0.081
15	16QAM	36	0	17.42	0.055	17.34	0.054	17.40	0.055
15	16QAM	36	20	17.46	0.056	17.32	0.054	17.35	0.054
15	16QAM	36	39	17.49	0.056	17.37	0.055	17.36	0.054
15	16QAM	75	0	17.38	0.055	17.41	0.055	17.40	0.055

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	19.52	0.090	19.56	0.090	19.48	0.089
10	QPSK	1	25	19.42	0.087	19.46	0.088	19.38	0.087
10	QPSK	1	49	19.46	0.088	19.41	0.087	19.35	0.086
10	QPSK	25	0	18.97	0.079	18.97	0.079	18.86	0.077
10	QPSK	25	12	18.93	0.078	18.97	0.079	18.94	0.078
10	QPSK	25	25	18.88	0.077	18.90	0.078	18.96	0.079
10	QPSK	50	0	18.83	0.076	18.93	0.078	18.85	0.077
10	16QAM	1	0	18.56	0.072	18.80	0.076	18.90	0.078
10	16QAM	1	25	18.92	0.078	18.86	0.077	18.76	0.075
10	16QAM	1	49	18.92	0.078	18.92	0.078	19.03	0.080
10	16QAM	25	0	17.36	0.054	17.30	0.054	17.37	0.055
10	16QAM	25	12	17.44	0.055	17.23	0.053	17.25	0.053
10	16QAM	25	25	17.48	0.056	17.33	0.054	17.35	0.054
10	16QAM	50	0	17.31	0.054	17.31	0.054	17.35	0.054

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	19.44	0.088	19.39	0.087	19.47	0.089
5	QPSK	1	12	19.32	0.085	19.44	0.088	19.29	0.085
5	QPSK	1	24	19.38	0.087	19.34	0.086	19.26	0.084
5	QPSK	12	0	18.96	0.079	18.94	0.078	18.79	0.076
5	QPSK	12	7	18.88	0.077	18.94	0.078	18.88	0.077
5	QPSK	12	13	18.85	0.077	18.80	0.076	18.95	0.078
5	QPSK	25	0	18.76	0.075	18.86	0.077	18.80	0.076
5	16QAM	1	0	18.49	0.071	18.79	0.076	18.82	0.076
5	16QAM	1	12	18.90	0.078	18.83	0.076	18.66	0.073
5	16QAM	1	24	18.85	0.077	18.89	0.077	18.97	0.079
5	16QAM	12	0	17.34	0.054	17.27	0.053	17.29	0.054
5	16QAM	12	7	17.34	0.054	17.20	0.052	17.16	0.052
5	16QAM	12	13	17.45	0.056	17.25	0.053	17.29	0.054
5	16QAM	25	0	17.26	0.053	17.21	0.053	17.32	0.054

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	19.36	0.086	19.28	0.085	19.37	0.086
3	QPSK	1	8	19.23	0.084	19.36	0.086	19.21	0.083
3	QPSK	1	14	19.26	0.084	19.31	0.085	19.17	0.083
3	QPSK	8	0	18.92	0.078	18.83	0.076	18.76	0.075
3	QPSK	8	4	18.85	0.077	18.85	0.077	18.78	0.076
3	QPSK	8	7	18.78	0.075	18.77	0.075	18.83	0.076
3	QPSK	15	0	18.68	0.074	18.83	0.076	18.72	0.074
3	16QAM	1	0	18.40	0.069	18.74	0.075	18.76	0.075
3	16QAM	1	8	18.86	0.077	18.81	0.076	18.56	0.072
3	16QAM	1	14	18.76	0.075	18.85	0.077	18.85	0.077
3	16QAM	8	0	17.31	0.054	17.21	0.053	17.25	0.053
3	16QAM	8	4	17.24	0.053	17.10	0.051	17.11	0.051
3	16QAM	8	7	17.43	0.055	17.21	0.053	17.24	0.053
3	16QAM	15	0	17.19	0.052	17.17	0.052	17.22	0.053

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.28	0.085	19.22	0.084	19.27	0.085
1.4	QPSK	1	3	19.14	0.082	19.29	0.085	19.11	0.082
1.4	QPSK	1	5	19.25	0.084	19.23	0.084	19.14	0.082
1.4	QPSK	3	0	18.83	0.076	18.78	0.075	18.75	0.075
1.4	QPSK	3	1	18.80	0.076	18.76	0.075	18.77	0.075
1.4	QPSK	3	3	18.73	0.075	18.70	0.074	18.78	0.076
1.4	QPSK	6	0	18.63	0.073	18.74	0.075	18.68	0.074
1.4	16QAM	1	0	18.50	0.071	18.64	0.073	18.66	0.073
1.4	16QAM	1	3	18.85	0.077	18.73	0.075	18.48	0.070
1.4	16QAM	1	5	18.75	0.075	18.81	0.076	18.76	0.075
1.4	16QAM	3	0	18.42	0.070	18.34	0.068	18.39	0.069
1.4	16QAM	3	1	18.39	0.069	18.28	0.067	18.28	0.067
1.4	16QAM	3	3	18.59	0.072	18.40	0.069	18.34	0.068
1.4	16QAM	6	0	17.18	0.052	17.16	0.052	17.20	0.052

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	16.73	0.047	16.85	0.048	16.79	0.048
10	QPSK	1	25	16.75	0.047	16.81	0.048	16.63	0.046
10	QPSK	1	49	16.62	0.046	16.70	0.047	16.58	0.045
10	QPSK	25	0	16.33	0.043	16.47	0.044	16.37	0.043
10	QPSK	25	12	16.41	0.044	16.38	0.043	16.30	0.043
10	QPSK	25	25	16.28	0.042	16.28	0.042	16.28	0.042
10	QPSK	50	0	16.14	0.041	16.20	0.042	16.17	0.041
10	16QAM	1	0	16.30	0.043	16.22	0.042	16.16	0.041
10	16QAM	1	25	16.29	0.043	16.40	0.044	16.30	0.043
10	16QAM	1	49	16.28	0.042	16.29	0.043	16.16	0.041
10	16QAM	25	0	14.49	0.028	14.47	0.028	14.43	0.028
10	16QAM	25	12	14.46	0.028	14.37	0.027	14.34	0.027
10	16QAM	25	25	14.57	0.029	14.46	0.028	14.40	0.028
10	16QAM	50	0	14.57	0.029	14.38	0.027	14.43	0.028

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.70	0.047	16.75	0.047	16.72	0.047
5	QPSK	1	12	16.70	0.047	16.80	0.048	16.60	0.046
5	QPSK	1	24	16.57	0.045	16.69	0.047	16.53	0.045
5	QPSK	12	0	16.30	0.043	16.39	0.044	16.31	0.043
5	QPSK	12	7	16.40	0.044	16.33	0.043	16.21	0.042
5	QPSK	12	13	16.21	0.042	16.22	0.042	16.25	0.042
5	QPSK	25	0	16.09	0.041	16.19	0.042	16.13	0.041
5	16QAM	1	0	16.25	0.042	16.14	0.041	16.11	0.041
5	16QAM	1	12	16.26	0.042	16.33	0.043	16.29	0.043
5	16QAM	1	24	16.18	0.041	16.21	0.042	16.12	0.041
5	16QAM	12	0	14.46	0.028	14.37	0.027	14.38	0.027
5	16QAM	12	7	14.37	0.027	14.31	0.027	14.25	0.027
5	16QAM	12	13	14.55	0.029	14.42	0.028	14.35	0.027
5	16QAM	25	0	14.56	0.029	14.30	0.027	14.33	0.027

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	16.61	0.046	16.65	0.046	16.62	0.046
3	QPSK	1	8	16.69	0.047	16.77	0.048	16.54	0.045
3	QPSK	1	14	16.53	0.045	16.68	0.047	16.43	0.044
3	QPSK	8	0	16.29	0.043	16.32	0.043	16.29	0.043
3	QPSK	8	4	16.30	0.043	16.26	0.042	16.15	0.041
3	QPSK	8	7	16.11	0.041	16.16	0.041	16.16	0.041
3	QPSK	15	0	16.04	0.040	16.15	0.041	16.12	0.041
3	16QAM	1	0	16.19	0.042	16.10	0.041	16.04	0.040
3	16QAM	1	8	16.17	0.041	16.24	0.042	16.28	0.042
3	16QAM	1	14	16.15	0.041	16.11	0.041	16.07	0.040
3	16QAM	8	0	14.41	0.028	14.33	0.027	14.35	0.027
3	16QAM	8	4	14.32	0.027	14.23	0.026	14.22	0.026
3	16QAM	8	7	14.52	0.028	14.40	0.028	14.27	0.027
3	16QAM	15	0	14.49	0.028	14.24	0.027	14.30	0.027

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	16.51	0.045	16.58	0.045	16.55	0.045
1.4	QPSK	1	3	16.64	0.046	16.69	0.047	16.53	0.045
1.4	QPSK	1	5	16.49	0.045	16.61	0.046	16.34	0.043
1.4	QPSK	3	0	16.23	0.042	16.31	0.043	16.23	0.042
1.4	QPSK	3	1	16.20	0.042	16.19	0.042	16.06	0.040
1.4	QPSK	3	3	16.04	0.040	16.11	0.041	16.10	0.041
1.4	QPSK	6	0	15.94	0.039	16.14	0.041	16.10	0.041
1.4	16QAM	1	0	16.10	0.041	16.05	0.040	15.97	0.040
1.4	16QAM	1	3	16.16	0.041	16.16	0.041	16.27	0.042
1.4	16QAM	1	5	16.10	0.041	16.10	0.041	16.00	0.040
1.4	16QAM	3	0	15.33	0.034	15.24	0.033	15.28	0.034
1.4	16QAM	3	1	15.22	0.033	15.17	0.033	15.16	0.033
1.4	16QAM	3	3	15.46	0.035	15.39	0.035	15.25	0.033
1.4	16QAM	6	0	14.39	0.027	14.22	0.026	14.20	0.026

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	19.97	0.099	20.03	0.101	19.90	0.098
20	QPSK	1	49	19.91	0.098	19.98	0.100	19.99	0.100
20	QPSK	1	99	19.98	0.100	19.97	0.099	19.98	0.100
20	QPSK	50	0	19.39	0.087	19.50	0.089	19.45	0.088
20	QPSK	50	24	19.47	0.089	19.43	0.088	19.43	0.088
20	QPSK	50	50	19.44	0.088	19.44	0.088	19.45	0.088
20	QPSK	100	0	19.40	0.087	19.43	0.088	19.38	0.087
20	16QAM	1	0	19.35	0.086	19.31	0.085	19.34	0.086
20	16QAM	1	49	19.39	0.087	19.43	0.088	19.36	0.086
20	16QAM	1	99	19.44	0.088	19.50	0.089	19.42	0.087
20	16QAM	50	0	18.33	0.068	18.48	0.070	18.55	0.072
20	16QAM	50	24	18.39	0.069	18.41	0.069	18.33	0.068
20	16QAM	50	50	18.42	0.070	18.44	0.070	18.31	0.068
20	16QAM	100	0	18.39	0.069	18.37	0.069	18.51	0.071

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	19.86	0.097	20.05	0.101	19.93	0.098
15	QPSK	1	37	19.83	0.096	19.92	0.098	19.96	0.099
15	QPSK	1	74	19.90	0.098	19.92	0.098	19.96	0.099
15	QPSK	36	0	19.34	0.086	19.42	0.087	19.35	0.086
15	QPSK	36	20	19.46	0.088	19.32	0.086	19.36	0.086
15	QPSK	36	39	19.41	0.087	19.33	0.086	19.36	0.086
15	QPSK	75	0	19.38	0.087	19.32	0.086	19.33	0.086
15	16QAM	1	0	19.28	0.085	19.28	0.085	19.31	0.085
15	16QAM	1	37	19.29	0.085	19.37	0.086	19.29	0.085
15	16QAM	1	74	19.41	0.087	19.38	0.087	19.34	0.086
15	16QAM	36	0	18.31	0.068	18.40	0.069	18.50	0.071
15	16QAM	36	20	18.30	0.068	18.29	0.067	18.26	0.067
15	16QAM	36	39	18.40	0.069	18.33	0.068	18.21	0.066
15	16QAM	75	0	18.31	0.068	18.26	0.067	18.46	0.070

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	19.85	0.097	19.94	0.099	19.87	0.097
10	QPSK	1	25	19.75	0.094	19.80	0.095	19.86	0.097
10	QPSK	1	49	19.82	0.096	19.84	0.096	19.92	0.098
10	QPSK	25	0	19.31	0.085	19.41	0.087	19.30	0.085
10	QPSK	25	12	19.38	0.087	19.27	0.085	19.33	0.086
10	QPSK	25	25	19.32	0.086	19.22	0.084	19.32	0.086
10	QPSK	50	0	19.34	0.086	19.29	0.085	19.31	0.085
10	16QAM	1	0	19.18	0.083	19.17	0.083	19.24	0.084
10	16QAM	1	25	19.17	0.083	19.36	0.086	19.28	0.085
10	16QAM	1	49	19.30	0.085	19.27	0.085	19.29	0.085
10	16QAM	25	0	18.25	0.067	18.29	0.067	18.46	0.070
10	16QAM	25	12	18.22	0.066	18.26	0.067	18.25	0.067
10	16QAM	25	25	18.36	0.069	18.27	0.067	18.20	0.066
10	16QAM	50	0	18.26	0.067	18.20	0.066	18.43	0.070

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	19.80	0.095	19.87	0.097	19.77	0.095
5	QPSK	1	12	19.74	0.094	19.78	0.095	19.74	0.094
5	QPSK	1	24	19.70	0.093	19.72	0.094	19.89	0.097
5	QPSK	12	0	19.22	0.084	19.29	0.085	19.21	0.083
5	QPSK	12	7	19.34	0.086	19.26	0.084	19.27	0.085
5	QPSK	12	13	19.31	0.085	19.12	0.082	19.30	0.085
5	QPSK	25	0	19.24	0.084	19.23	0.084	19.19	0.083
5	16QAM	1	0	19.12	0.082	19.12	0.082	19.21	0.083
5	16QAM	1	12	19.14	0.082	19.31	0.085	19.23	0.084
5	16QAM	1	24	19.21	0.083	19.25	0.084	19.22	0.084
5	16QAM	12	0	18.15	0.065	18.27	0.067	18.34	0.068
5	16QAM	12	7	18.20	0.066	18.20	0.066	18.14	0.065
5	16QAM	12	13	18.27	0.067	18.23	0.067	18.13	0.065
5	16QAM	25	0	18.14	0.065	18.15	0.065	18.41	0.069

LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	16.42	0.044	/	/
10	QPSK	1	25	/	/	16.24	0.042	/	/
10	QPSK	1	49	/	/	16.31	0.043	/	/
10	QPSK	25	0	/	/	15.99	0.040	/	/
10	QPSK	25	12	/	/	15.92	0.039	/	/
10	QPSK	25	25	/	/	15.81	0.038	/	/
10	QPSK	50	0	/	/	15.92	0.039	/	/
10	16QAM	1	0	/	/	15.77	0.038	/	/
10	16QAM	1	25	/	/	15.93	0.039	/	/
10	16QAM	1	49	/	/	15.94	0.039	/	/
10	16QAM	25	0	/	/	14.84	0.030	/	/
10	16QAM	25	12	/	/	14.88	0.031	/	/
10	16QAM	25	25	/	/	14.92	0.031	/	/
10	16QAM	50	0	/	/	14.91	0.031	/	/

LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.96	0.039	16.31	0.043	16.15	0.041
5	QPSK	1	12	16.21	0.042	16.23	0.042	16.13	0.041
5	QPSK	1	24	16.19	0.042	16.27	0.042	16.22	0.042
5	QPSK	12	0	15.88	0.039	15.95	0.039	15.93	0.039
5	QPSK	12	7	15.88	0.039	15.87	0.039	15.85	0.038
5	QPSK	12	13	15.78	0.038	15.79	0.038	15.71	0.037
5	QPSK	25	0	15.89	0.039	15.87	0.039	15.81	0.038
5	16QAM	1	0	15.66	0.037	15.67	0.037	15.69	0.037
5	16QAM	1	12	15.82	0.038	15.90	0.039	15.90	0.039
5	16QAM	1	24	15.93	0.039	15.84	0.038	15.89	0.039
5	16QAM	12	0	14.79	0.030	14.77	0.030	14.73	0.030
5	16QAM	12	7	14.76	0.030	14.84	0.030	14.81	0.030
5	16QAM	12	13	14.80	0.030	14.87	0.031	14.86	0.031
5	16QAM	25	0	14.89	0.031	14.79	0.030	14.81	0.030

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	15.54	0.036	15.76	0.038	15.46	0.035
15	QPSK	1	37	15.63	0.037	15.67	0.037	15.85	0.038
15	QPSK	1	74	15.84	0.038	15.84	0.038	15.79	0.038
15	QPSK	36	0	14.42	0.028	14.25	0.027	14.70	0.030
15	QPSK	36	20	14.56	0.029	14.60	0.029	14.58	0.029
15	QPSK	36	39	14.61	0.029	14.58	0.029	14.49	0.028
15	QPSK	75	0	14.54	0.028	14.59	0.029	14.10	0.026
15	16QAM	1	0	14.45	0.028	15.10	0.032	14.80	0.030
15	16QAM	1	37	15.47	0.035	15.51	0.036	14.41	0.028
15	16QAM	1	74	15.13	0.033	14.45	0.028	15.47	0.035
15	16QAM	36	0	13.87	0.024	13.21	0.021	13.71	0.023
15	16QAM	36	20	13.24	0.021	13.68	0.023	13.92	0.025
15	16QAM	36	39	13.68	0.023	13.67	0.023	13.97	0.025
15	16QAM	75	0	13.56	0.023	13.66	0.023	13.50	0.022

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	15.54	0.036	15.25	0.033	15.63	0.037
10	QPSK	1	25	15.75	0.038	15.84	0.038	15.92	0.039
10	QPSK	1	49	15.94	0.039	15.77	0.038	15.63	0.037
10	QPSK	25	0	14.32	0.027	14.61	0.029	14.60	0.029
10	QPSK	25	12	14.61	0.029	14.59	0.029	14.53	0.028
10	QPSK	25	25	14.49	0.028	14.59	0.029	14.27	0.027
10	QPSK	50	0	14.18	0.026	14.57	0.029	14.57	0.029
10	16QAM	1	0	14.18	0.026	14.71	0.030	15.16	0.033
10	16QAM	1	25	13.93	0.025	15.57	0.036	15.01	0.032
10	16QAM	1	49	14.86	0.031	14.16	0.026	13.98	0.025
10	16QAM	25	0	13.52	0.022	14.03	0.025	13.74	0.024
10	16QAM	25	12	14.01	0.025	13.79	0.024	13.72	0.024
10	16QAM	25	25	13.34	0.022	13.61	0.023	13.63	0.023
10	16QAM	50	0	13.95	0.025	13.50	0.022	13.95	0.025

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.62	0.036	15.58	0.036	15.80	0.038
5	QPSK	1	12	15.43	0.035	15.48	0.035	16.00	0.040
5	QPSK	1	24	15.24	0.033	15.49	0.035	15.68	0.037
5	QPSK	12	0	13.99	0.025	13.75	0.024	14.09	0.026
5	QPSK	12	7	14.13	0.026	14.24	0.027	13.99	0.025
5	QPSK	12	13	13.80	0.024	13.98	0.025	13.74	0.024
5	QPSK	25	0	13.90	0.025	13.95	0.025	13.91	0.025
5	16QAM	1	0	15.48	0.035	14.74	0.030	15.15	0.033
5	16QAM	1	12	15.57	0.036	14.94	0.031	15.42	0.035
5	16QAM	1	24	15.57	0.036	14.30	0.027	15.26	0.034
5	16QAM	12	0	13.91	0.025	13.66	0.023	13.07	0.020
5	16QAM	12	7	13.03	0.020	12.91	0.020	13.14	0.021
5	16QAM	12	13	13.30	0.021	12.86	0.019	13.02	0.020
5	16QAM	25	0	12.95	0.020	12.84	0.019	13.50	0.022

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	15.40	0.035	15.83	0.038	15.43	0.035
3	QPSK	1	8	15.88	0.039	15.82	0.038	15.62	0.036
3	QPSK	1	14	15.60	0.036	15.82	0.038	15.51	0.036
3	QPSK	8	0	14.15	0.026	14.14	0.026	14.13	0.026
3	QPSK	8	4	13.65	0.023	14.05	0.025	13.92	0.025
3	QPSK	8	7	14.06	0.025	14.21	0.026	13.72	0.024
3	QPSK	15	0	13.78	0.024	14.22	0.026	13.92	0.025
3	16QAM	1	0	14.30	0.027	14.56	0.029	14.91	0.031
3	16QAM	1	8	13.57	0.023	15.06	0.032	15.35	0.034
3	16QAM	1	14	14.81	0.030	15.06	0.032	14.48	0.028
3	16QAM	8	0	13.30	0.021	13.67	0.023	13.29	0.021
3	16QAM	8	4	13.36	0.022	13.20	0.021	12.86	0.019
3	16QAM	8	7	13.22	0.021	12.96	0.020	13.20	0.021
3	16QAM	15	0	13.30	0.021	13.13	0.021	13.07	0.020

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	15.13	0.033	15.40	0.035	15.41	0.035
1.4	QPSK	1	3	15.18	0.033	15.69	0.037	15.51	0.036
1.4	QPSK	1	5	15.32	0.034	15.65	0.037	15.44	0.035
1.4	QPSK	3	0	15.07	0.032	15.13	0.033	14.91	0.031
1.4	QPSK	3	1	14.68	0.029	14.77	0.030	14.86	0.031
1.4	QPSK	3	3	14.71	0.030	14.92	0.031	14.72	0.030
1.4	QPSK	6	0	14.00	0.025	13.73	0.024	13.88	0.024
1.4	16QAM	1	0	13.71	0.023	13.55	0.023	14.90	0.031
1.4	16QAM	1	3	14.31	0.027	14.69	0.029	14.96	0.031
1.4	16QAM	1	5	13.65	0.023	15.14	0.033	14.87	0.031
1.4	16QAM	3	0	14.29	0.027	14.50	0.028	14.21	0.026
1.4	16QAM	3	1	14.36	0.027	14.37	0.027	13.91	0.025
1.4	16QAM	3	3	14.07	0.026	14.28	0.027	14.19	0.026
1.4	16QAM	6	0	13.36	0.022	12.98	0.020	13.32	0.021

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.70	0.117	20.82	0.121	20.78	0.120
20	QPSK	1	49	20.68	0.117	20.67	0.117	20.68	0.117
20	QPSK	1	99	20.47	0.111	20.57	0.114	20.63	0.116
20	QPSK	50	0	19.83	0.096	19.87	0.097	19.74	0.094
20	QPSK	50	24	19.75	0.094	19.69	0.093	19.74	0.094
20	QPSK	50	50	19.70	0.093	19.69	0.093	19.68	0.093
20	QPSK	100	0	19.74	0.094	19.68	0.093	19.80	0.095
20	16QAM	1	0	19.90	0.098	19.96	0.099	19.72	0.094
20	16QAM	1	49	19.63	0.092	19.78	0.095	19.72	0.094
20	16QAM	1	99	19.68	0.093	19.64	0.092	19.83	0.096
20	16QAM	50	0	18.74	0.075	18.72	0.074	18.89	0.077
20	16QAM	50	24	18.64	0.073	18.79	0.076	18.77	0.075
20	16QAM	50	50	18.77	0.075	18.81	0.076	18.80	0.076
20	16QAM	100	0	18.83	0.076	18.75	0.075	18.78	0.076

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.64	0.116	20.70	0.117	20.70	0.117
15	QPSK	1	37	20.56	0.114	20.63	0.116	20.67	0.117
15	QPSK	1	74	20.35	0.108	20.56	0.114	20.56	0.114
15	QPSK	36	0	19.75	0.094	19.83	0.096	19.62	0.092
15	QPSK	36	20	19.72	0.094	19.59	0.091	19.71	0.094
15	QPSK	36	39	19.59	0.091	19.68	0.093	19.57	0.091
15	QPSK	75	0	19.71	0.094	19.61	0.091	19.72	0.094
15	16QAM	1	0	19.86	0.097	19.90	0.098	19.68	0.093
15	16QAM	1	37	19.57	0.091	19.72	0.094	19.71	0.094
15	16QAM	1	74	19.67	0.093	19.58	0.091	19.75	0.094
15	16QAM	36	0	18.66	0.073	18.61	0.073	18.82	0.076
15	16QAM	36	20	18.60	0.072	18.73	0.075	18.71	0.074
15	16QAM	36	39	18.66	0.073	18.80	0.076	18.70	0.074
15	16QAM	75	0	18.75	0.075	18.74	0.075	18.76	0.075

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.53	0.113	20.62	0.115	20.61	0.115
10	QPSK	1	25	20.50	0.112	20.57	0.114	20.59	0.115
10	QPSK	1	49	20.32	0.108	20.54	0.113	20.51	0.112
10	QPSK	25	0	19.64	0.092	19.73	0.094	19.61	0.091
10	QPSK	25	12	19.61	0.091	19.56	0.090	19.66	0.092
10	QPSK	25	25	19.47	0.089	19.67	0.093	19.56	0.090
10	QPSK	50	0	19.62	0.092	19.52	0.090	19.69	0.093
10	16QAM	1	0	19.84	0.096	19.83	0.096	19.61	0.091
10	16QAM	1	25	19.51	0.089	19.64	0.092	19.62	0.092
10	16QAM	1	49	19.56	0.090	19.53	0.090	19.66	0.092
10	16QAM	25	0	18.57	0.072	18.54	0.071	18.80	0.076
10	16QAM	25	12	18.52	0.071	18.69	0.074	18.69	0.074
10	16QAM	25	25	18.55	0.072	18.73	0.075	18.62	0.073
10	16QAM	50	0	18.73	0.075	18.68	0.074	18.75	0.075

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.41	0.110	20.50	0.112	20.55	0.114
5	QPSK	1	12	20.43	0.110	20.47	0.111	20.56	0.114
5	QPSK	1	24	20.20	0.105	20.51	0.112	20.41	0.110
5	QPSK	12	0	19.61	0.091	19.63	0.092	19.56	0.090
5	QPSK	12	7	19.58	0.091	19.48	0.089	19.64	0.092
5	QPSK	12	13	19.38	0.087	19.62	0.092	19.54	0.090
5	QPSK	25	0	19.58	0.091	19.40	0.087	19.63	0.092
5	16QAM	1	0	19.74	0.094	19.73	0.094	19.49	0.089
5	16QAM	1	12	19.46	0.088	19.60	0.091	19.56	0.090
5	16QAM	1	24	19.52	0.090	19.45	0.088	19.63	0.092
5	16QAM	12	0	18.52	0.071	18.43	0.070	18.76	0.075
5	16QAM	12	7	18.42	0.070	18.62	0.073	18.67	0.074
5	16QAM	12	13	18.46	0.070	18.69	0.074	18.52	0.071
5	16QAM	25	0	18.62	0.073	18.65	0.073	18.64	0.073

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.75	0.119	20.87	0.122	20.80	0.120
20	QPSK	1	49	20.30	0.107	20.30	0.107	20.23	0.105
20	QPSK	1	99	20.03	0.101	19.95	0.099	19.94	0.099
20	QPSK	50	0	19.65	0.092	19.45	0.088	19.69	0.093
20	QPSK	50	24	19.91	0.098	19.59	0.091	19.66	0.092
20	QPSK	50	50	19.90	0.098	19.46	0.088	19.55	0.090
20	QPSK	100	0	19.99	0.100	19.56	0.090	19.61	0.091
20	16QAM	1	0	19.76	0.095	19.80	0.095	19.87	0.097
20	16QAM	1	49	19.92	0.098	19.72	0.094	19.90	0.098
20	16QAM	1	99	19.82	0.096	19.74	0.094	19.86	0.097
20	16QAM	50	0	18.69	0.074	18.59	0.072	18.68	0.074
20	16QAM	50	24	18.96	0.079	18.58	0.072	18.69	0.074
20	16QAM	50	50	18.92	0.078	18.54	0.071	18.68	0.074
20	16QAM	100	0	18.84	0.077	18.69	0.074	18.77	0.075

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.68	0.117	20.76	0.119	20.71	0.118
15	QPSK	1	37	20.25	0.106	20.20	0.105	20.16	0.104
15	QPSK	1	74	19.97	0.099	19.87	0.097	19.93	0.098
15	QPSK	36	0	19.54	0.090	19.44	0.088	19.68	0.093
15	QPSK	36	20	19.79	0.095	19.48	0.089	19.54	0.090
15	QPSK	36	39	19.82	0.096	19.34	0.086	19.45	0.088
15	QPSK	75	0	19.92	0.098	19.55	0.090	19.50	0.089
15	16QAM	1	0	19.74	0.094	19.73	0.094	19.81	0.096
15	16QAM	1	37	19.81	0.096	19.64	0.092	19.87	0.097
15	16QAM	1	74	19.73	0.094	19.68	0.093	19.84	0.096
15	16QAM	36	0	18.91	0.078	18.57	0.072	18.62	0.073
15	16QAM	36	20	18.87	0.077	18.47	0.070	18.59	0.072
15	16QAM	36	39	18.82	0.076	18.44	0.070	18.67	0.074
15	16QAM	75	0	18.79	0.076	18.64	0.073	18.74	0.075

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.67	0.117	20.67	0.117	20.68	0.117
10	QPSK	1	25	20.22	0.105	20.09	0.102	20.06	0.101
10	QPSK	1	49	19.93	0.098	19.86	0.097	19.83	0.096
10	QPSK	25	0	19.45	0.088	19.43	0.088	19.67	0.093
10	QPSK	25	12	19.69	0.093	19.46	0.088	19.43	0.088
10	QPSK	25	25	19.72	0.094	19.28	0.085	19.37	0.086
10	QPSK	50	0	19.80	0.095	19.45	0.088	19.47	0.089
10	16QAM	1	0	19.81	0.096	19.62	0.092	19.72	0.094
10	16QAM	1	25	19.70	0.093	19.56	0.090	19.77	0.095
10	16QAM	1	49	19.72	0.094	19.60	0.091	19.81	0.096
10	16QAM	25	0	18.85	0.077	18.49	0.071	18.59	0.072
10	16QAM	25	12	18.78	0.076	18.43	0.070	18.57	0.072
10	16QAM	25	25	18.72	0.074	18.36	0.069	18.55	0.072
10	16QAM	50	0	18.74	0.075	18.54	0.071	18.73	0.075

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.60	0.115	20.57	0.114	20.63	0.116
5	QPSK	1	12	20.21	0.105	20.06	0.101	19.96	0.099
5	QPSK	1	24	19.86	0.097	19.79	0.095	19.82	0.096
5	QPSK	12	0	19.41	0.087	19.32	0.086	19.59	0.091
5	QPSK	12	7	19.58	0.091	19.39	0.087	19.38	0.087
5	QPSK	12	13	19.71	0.094	19.19	0.083	19.31	0.085
5	QPSK	25	0	19.73	0.094	19.44	0.088	19.41	0.087
5	16QAM	1	0	19.70	0.093	19.52	0.090	19.67	0.093
5	16QAM	1	12	19.69	0.093	19.51	0.089	19.68	0.093
5	16QAM	1	24	19.65	0.092	19.49	0.089	19.78	0.095
5	16QAM	12	0	18.81	0.076	18.40	0.069	18.55	0.072
5	16QAM	12	7	18.70	0.074	18.36	0.069	18.55	0.072
5	16QAM	12	13	18.60	0.072	18.34	0.068	18.53	0.071
5	16QAM	25	0	18.64	0.073	18.50	0.071	18.70	0.074

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.71	0.118	20.78	0.120	20.66	0.116
20	QPSK	1	49	20.46	0.111	20.52	0.113	20.48	0.112
20	QPSK	1	99	20.44	0.111	20.59	0.115	20.61	0.115
20	QPSK	50	0	19.66	0.092	19.77	0.095	19.69	0.093
20	QPSK	50	24	19.64	0.092	19.56	0.090	19.63	0.092
20	QPSK	50	50	19.67	0.093	19.63	0.092	19.61	0.091
20	QPSK	100	0	19.60	0.091	19.57	0.091	19.61	0.091
20	16QAM	1	0	19.90	0.098	19.83	0.096	19.73	0.094
20	16QAM	1	49	19.63	0.092	19.65	0.092	19.63	0.092
20	16QAM	1	99	19.60	0.091	19.65	0.092	19.74	0.094
20	16QAM	50	0	18.65	0.073	18.69	0.074	18.75	0.075
20	16QAM	50	24	18.63	0.073	18.67	0.074	18.63	0.073
20	16QAM	50	50	18.70	0.074	18.69	0.074	18.68	0.074
20	16QAM	100	0	18.73	0.075	18.73	0.075	18.68	0.074

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.70	0.117	20.69	0.117	20.64	0.116
15	QPSK	1	37	20.43	0.110	20.43	0.110	20.45	0.111
15	QPSK	1	74	20.42	0.110	20.50	0.112	20.52	0.113
15	QPSK	36	0	19.56	0.090	19.65	0.092	19.64	0.092
15	QPSK	36	20	19.59	0.091	19.54	0.090	19.59	0.091
15	QPSK	36	39	19.60	0.091	19.53	0.090	19.59	0.091
15	QPSK	75	0	19.52	0.090	19.45	0.088	19.60	0.091
15	16QAM	1	0	19.86	0.097	19.81	0.096	19.67	0.093
15	16QAM	1	37	19.61	0.091	19.58	0.091	19.55	0.090
15	16QAM	1	74	19.49	0.089	19.55	0.090	19.69	0.093
15	16QAM	36	0	18.61	0.073	18.63	0.073	18.65	0.073
15	16QAM	36	20	18.54	0.071	18.62	0.073	18.54	0.071
15	16QAM	36	39	18.65	0.073	18.66	0.073	18.62	0.073
15	16QAM	75	0	18.61	0.073	18.69	0.074	18.61	0.073

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	20.58	0.114	20.62	0.115	20.54	0.113
10	QPSK	1	25	20.39	0.109	20.34	0.108	20.37	0.109
10	QPSK	1	49	20.32	0.108	20.42	0.110	20.43	0.110
10	QPSK	25	0	19.44	0.088	19.64	0.092	19.52	0.090
10	QPSK	25	12	19.58	0.091	19.43	0.088	19.51	0.089
10	QPSK	25	25	19.55	0.090	19.45	0.088	19.51	0.089
10	QPSK	50	0	19.44	0.088	19.39	0.087	19.54	0.090
10	16QAM	1	0	19.85	0.097	19.71	0.094	19.63	0.092
10	16QAM	1	25	19.50	0.089	19.50	0.089	19.54	0.090
10	16QAM	1	49	19.42	0.087	19.49	0.089	19.67	0.093
10	16QAM	25	0	18.51	0.071	18.57	0.072	18.61	0.073
10	16QAM	25	12	18.53	0.071	18.61	0.073	18.53	0.071
10	16QAM	25	25	18.60	0.072	18.55	0.072	18.61	0.073
10	16QAM	50	0	18.56	0.072	18.68	0.074	18.55	0.072

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	20.53	0.113	20.57	0.114	20.52	0.113
5	QPSK	1	12	20.32	0.108	20.27	0.106	20.27	0.106
5	QPSK	1	24	20.31	0.107	20.36	0.109	20.33	0.108
5	QPSK	12	0	19.36	0.086	19.59	0.091	19.43	0.088
5	QPSK	12	7	19.47	0.089	19.34	0.086	19.50	0.089
5	QPSK	12	13	19.47	0.089	19.37	0.086	19.44	0.088
5	QPSK	25	0	19.32	0.086	19.28	0.085	19.52	0.090
5	16QAM	1	0	19.78	0.095	19.62	0.092	19.60	0.091
5	16QAM	1	12	19.49	0.089	19.46	0.088	19.46	0.088
5	16QAM	1	24	19.35	0.086	19.39	0.087	19.59	0.091
5	16QAM	12	0	18.40	0.069	18.50	0.071	18.50	0.071
5	16QAM	12	7	18.50	0.071	18.51	0.071	18.52	0.071
5	16QAM	12	13	18.58	0.072	18.52	0.071	18.58	0.072
5	16QAM	25	0	18.44	0.070	18.62	0.073	18.45	0.070

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	20.45	0.111	20.48	0.112	20.45	0.111
3	QPSK	1	8	20.25	0.106	20.22	0.105	20.15	0.104
3	QPSK	1	14	20.20	0.105	20.34	0.108	20.31	0.107
3	QPSK	8	0	19.28	0.085	19.56	0.090	19.41	0.087
3	QPSK	8	4	19.41	0.087	19.32	0.086	19.39	0.087
3	QPSK	8	7	19.46	0.088	19.26	0.084	19.42	0.087
3	QPSK	15	0	19.26	0.084	19.23	0.084	19.47	0.089
3	16QAM	1	0	19.74	0.094	19.53	0.090	19.56	0.090
3	16QAM	1	8	19.39	0.087	19.44	0.088	19.36	0.086
3	16QAM	1	14	19.25	0.084	19.32	0.086	19.57	0.091
3	16QAM	8	0	18.37	0.069	18.38	0.069	18.47	0.070
3	16QAM	8	4	18.47	0.070	18.48	0.070	18.50	0.071
3	16QAM	8	7	18.48	0.070	18.44	0.070	18.53	0.071
3	16QAM	15	0	18.33	0.068	18.54	0.071	18.39	0.069

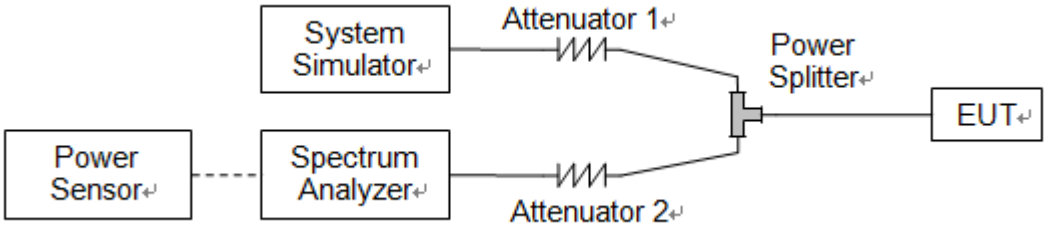
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.34	0.108	20.40	0.110	20.42	0.110
1.4	QPSK	1	3	20.15	0.104	20.14	0.103	20.04	0.101
1.4	QPSK	1	5	20.15	0.104	20.27	0.106	20.26	0.106
1.4	QPSK	3	0	20.02	0.100	20.21	0.105	20.05	0.101
1.4	QPSK	3	1	20.12	0.103	19.98	0.100	20.05	0.101
1.4	QPSK	3	3	20.13	0.103	19.95	0.099	20.07	0.102
1.4	QPSK	6	0	19.17	0.083	19.22	0.084	19.39	0.087
1.4	16QAM	1	0	19.64	0.092	19.41	0.087	19.50	0.089
1.4	16QAM	1	3	19.36	0.086	19.39	0.087	19.26	0.084
1.4	16QAM	1	5	19.40	0.087	19.26	0.084	19.54	0.090
1.4	16QAM	3	0	19.04	0.080	19.02	0.080	19.13	0.082
1.4	16QAM	3	1	19.17	0.083	19.15	0.082	19.24	0.084
1.4	16QAM	3	3	19.14	0.082	19.11	0.081	19.17	0.083
1.4	16QAM	6	0	18.26	0.067	18.51	0.071	18.27	0.067

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0934	1.2404	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0961	1.2522	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0958	1.2392	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0955	1.2438	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0983	1.2443	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1001	1.2471	PASS
B2	3	Low	18615	1851.5	QPSK	2.7153	3.0471	PASS
B2	3	Low	18615	1851.5	16QAM	2.7195	3.0454	PASS
B2	3	Mid	18900	1880	QPSK	2.7184	3.0558	PASS
B2	3	Mid	18900	1880	16QAM	2.7116	3.0487	PASS
B2	3	High	19185	1908.5	QPSK	2.7212	3.0741	PASS
B2	3	High	19185	1908.5	16QAM	2.7092	3.0424	PASS
B2	5	Low	18625	1852.5	QPSK	4.4853	4.9409	PASS
B2	5	Low	18625	1852.5	16QAM	4.4811	4.9551	PASS
B2	5	Mid	18900	1880	QPSK	4.4793	4.9225	PASS
B2	5	Mid	18900	1880	16QAM	4.4862	4.9215	PASS
B2	5	High	19175	1907.5	QPSK	4.5025	4.9306	PASS
B2	5	High	19175	1907.5	16QAM	4.4850	4.9259	PASS
B2	10	Low	18650	1855	QPSK	9.0018	9.8195	PASS
B2	10	Low	18650	1855	16QAM	8.9512	9.8042	PASS
B2	10	Mid	18900	1880	QPSK	8.9727	9.7330	PASS
B2	10	Mid	18900	1880	16QAM	8.9441	9.7673	PASS
B2	10	High	19150	1905	QPSK	8.9916	9.8280	PASS
B2	10	High	19150	1905	16QAM	8.9311	9.3572	PASS
B2	15	Low	18675	1857.5	QPSK	13.496	14.815	PASS
B2	15	Low	18675	1857.5	16QAM	13.459	14.938	PASS
B2	15	Mid	18900	1880	QPSK	13.459	14.706	PASS
B2	15	Mid	18900	1880	16QAM	13.440	14.763	PASS
B2	15	High	19125	1902.5	QPSK	13.477	14.728	PASS
B2	15	High	19125	1902.5	16QAM	13.428	14.800	PASS
B2	20	Low	18700	1860	QPSK	17.959	19.519	PASS
B2	20	Low	18700	1860	16QAM	17.945	19.530	PASS
B2	20	Mid	18900	1880	QPSK	17.899	19.467	PASS

B2	20	Mid	18900	1880	16QAM	17.942	19.490	PASS
B2	20	High	19100	1900	QPSK	17.873	19.604	PASS
B2	20	High	19100	1900	16QAM	17.915	19.671	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.0962	1.2440	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0950	1.2511	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0959	1.2404	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0964	1.2524	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0954	1.2414	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0991	1.2485	PASS
B4	3	Low	19965	1711.5	QPSK	2.7119	3.0420	PASS
B4	3	Low	19965	1711.5	16QAM	2.7050	3.0675	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7114	3.0379	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7103	3.0465	PASS
B4	3	High	20385	1753.5	QPSK	2.7160	3.0424	PASS
B4	3	High	20385	1753.5	16QAM	2.7155	3.0532	PASS
B4	5	Low	19975	1712.5	QPSK	4.4768	4.9282	PASS
B4	5	Low	19975	1712.5	16QAM	4.4929	4.9616	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4857	4.9231	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4890	4.9374	PASS
B4	5	High	20375	1752.5	QPSK	4.4839	4.9365	PASS
B4	5	High	20375	1752.5	16QAM	4.4783	4.9289	PASS
B4	10	Low	20000	1715	QPSK	8.9729	9.7590	PASS
B4	10	Low	20000	1715	16QAM	8.9668	9.7778	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9701	9.8542	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9478	9.7798	PASS
B4	10	High	20350	1750	QPSK	8.9614	9.8612	PASS
B4	10	High	20350	1750	16QAM	8.9544	9.7768	PASS
B4	15	Low	20025	1717.5	QPSK	13.450	14.647	PASS
B4	15	Low	20025	1717.5	16QAM	13.447	14.853	PASS
B4	15	Mid	20175	1732.5	QPSK	13.427	14.821	PASS
B4	15	Mid	20175	1732.5	16QAM	13.436	14.921	PASS
B4	15	High	20325	1747.5	QPSK	13.474	14.811	PASS
B4	15	High	20325	1747.5	16QAM	13.446	14.913	PASS
B4	20	Low	20050	1720	QPSK	17.918	19.476	PASS
B4	20	Low	20050	1720	16QAM	17.940	19.597	PASS
B4	20	Mid	20175	1732.5	QPSK	17.930	19.605	PASS
B4	20	Mid	20175	1732.5	16QAM	17.960	19.618	PASS
B4	20	High	20300	1745	QPSK	17.942	19.641	PASS

B4	20	High	20300	1745	16QAM	17.941	19.638	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.0981	1.2462	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0988	1.2558	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0958	1.2374	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0997	1.2498	PASS
B5	1.4	High	20643	848.3	QPSK	1.0966	1.2447	PASS
B5	1.4	High	20643	848.3	16QAM	1.0974	1.2498	PASS
B5	3	Low	20415	825.5	QPSK	2.7149	3.0374	PASS
B5	3	Low	20415	825.5	16QAM	2.7096	3.0529	PASS
B5	3	Mid	20525	836.5	QPSK	2.7172	3.0617	PASS
B5	3	Mid	20525	836.5	16QAM	2.7079	3.0405	PASS
B5	3	High	20635	847.5	QPSK	2.7133	3.0403	PASS
B5	3	High	20635	847.5	16QAM	2.7097	3.0656	PASS
B5	5	Low	20425	826.5	QPSK	4.4883	4.9267	PASS
B5	5	Low	20425	826.5	16QAM	4.4803	4.9294	PASS
B5	5	Mid	20525	836.5	QPSK	4.4824	4.9400	PASS
B5	5	Mid	20525	836.5	16QAM	4.4806	4.9413	PASS
B5	5	High	20625	846.5	QPSK	4.4875	4.9337	PASS
B5	5	High	20625	846.5	16QAM	4.4822	4.9317	PASS
B5	10	Low	20450	829	QPSK	8.9854	9.8420	PASS
B5	10	Low	20450	829	16QAM	8.9487	9.8106	PASS
B5	10	Mid	20525	836.5	QPSK	8.9868	9.9178	PASS
B5	10	Mid	20525	836.5	16QAM	8.9547	9.7562	PASS
B5	10	High	20600	844	QPSK	8.9855	9.9191	PASS
B5	10	High	20600	844	16QAM	8.9553	9.7591	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4829	4.9452	PASS
B7	5	Low	20775	2502.5	16QAM	4.4846	4.9184	PASS
B7	5	Mid	21100	2535	QPSK	4.4802	4.9553	PASS
B7	5	Mid	21100	2535	16QAM	4.4826	4.9490	PASS
B7	5	High	21425	2567.5	QPSK	4.4863	4.9315	PASS
B7	5	High	21425	2567.5	16QAM	4.4836	4.9575	PASS
B7	10	Low	20800	2505	QPSK	8.9790	9.8808	PASS
B7	10	Low	20800	2505	16QAM	8.9554	9.8098	PASS
B7	10	Mid	21100	2535	QPSK	8.9696	9.4927	PASS
B7	10	Mid	21100	2535	16QAM	8.9605	9.7897	PASS
B7	10	High	21400	2565	QPSK	8.9733	9.7759	PASS
B7	10	High	21400	2565	16QAM	8.9544	9.8032	PASS
B7	15	Low	20825	2507.5	QPSK	13.472	14.778	PASS
B7	15	Low	20825	2507.5	16QAM	13.450	14.852	PASS
B7	15	Mid	21100	2535	QPSK	13.432	14.680	PASS
B7	15	Mid	21100	2535	16QAM	13.460	14.769	PASS
B7	15	High	21375	2562.5	QPSK	13.451	14.918	PASS
B7	15	High	21375	2562.5	16QAM	13.450	14.847	PASS
B7	20	Low	20850	2510	QPSK	17.910	19.653	PASS
B7	20	Low	20850	2510	16QAM	17.928	19.679	PASS
B7	20	Mid	21100	2535	QPSK	17.921	19.554	PASS
B7	20	Mid	21100	2535	16QAM	17.955	19.565	PASS
B7	20	High	21350	2560	QPSK	17.902	18.853	PASS
B7	20	High	21350	2560	16QAM	17.941	19.649	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4861	4.9169	PASS
B13	5	Low	23205	779.5	16QAM	4.4914	4.9533	PASS
B13	5	Mid	23230	782	QPSK	4.4901	4.9538	PASS
B13	5	Mid	23230	782	16QAM	4.4886	4.9267	PASS
B13	5	High	23255	784.5	QPSK	4.4836	4.9339	PASS
B13	5	High	23255	784.5	16QAM	4.4850	4.9323	PASS
B13	10	Mid	23230	782	QPSK	8.9738	9.8056	PASS
B13	10	Mid	23230	782	16QAM	8.9552	9.7390	PASS

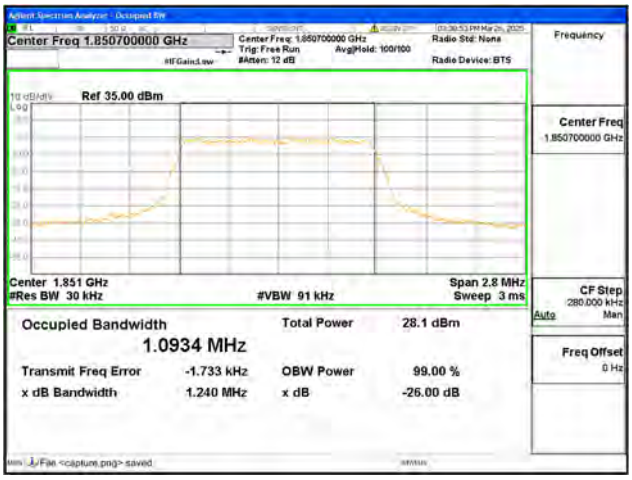
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26	1.4	Low	26797	824.7	QPSK	1.0948	1.2445	PASS
B26	1.4	Low	26797	824.7	16QAM	1.0940	1.2471	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.0965	1.2415	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.0953	1.2496	PASS
B26	1.4	High	27033	848.3	QPSK	1.0955	1.2435	PASS
B26	1.4	High	27033	848.3	16QAM	1.0996	1.2604	PASS
B26	3	Low	26805	825.5	QPSK	2.7109	3.0546	PASS
B26	3	Low	26805	825.5	16QAM	2.7070	3.0536	PASS
B26	3	Mid	26915	836.5	QPSK	2.7082	3.0469	PASS
B26	3	Mid	26915	836.5	16QAM	2.7187	3.0658	PASS
B26	3	High	27025	847.5	QPSK	2.7109	3.0423	PASS
B26	3	High	27025	847.5	16QAM	2.7118	3.0485	PASS
B26	5	Low	26815	826.5	QPSK	4.4842	4.9458	PASS
B26	5	Low	26815	826.5	16QAM	4.4789	4.9638	PASS
B26	5	Mid	26915	836.5	QPSK	4.4789	4.9224	PASS
B26	5	Mid	26915	836.5	16QAM	4.4749	4.9314	PASS
B26	5	High	27015	846.5	QPSK	4.4824	4.9240	PASS
B26	5	High	27015	846.5	16QAM	4.4561	4.7111	PASS
B26	10	Low	26840	829	QPSK	8.9780	9.8462	PASS
B26	10	Low	26840	829	16QAM	8.9428	9.8212	PASS
B26	10	Mid	26915	836.5	QPSK	8.9782	9.8557	PASS
B26	10	Mid	26915	836.5	16QAM	8.9487	9.7687	PASS
B26	10	High	26990	844	QPSK	8.9897	9.8322	PASS
B26	10	High	26990	844	16QAM	8.9485	9.7957	PASS
B26	15	Low	26865	831.5	QPSK	13.473	14.727	PASS
B26	15	Low	26865	831.5	16QAM	13.447	14.862	PASS
B26	15	Mid	26915	836.5	QPSK	13.467	14.726	PASS
B26	15	Mid	26915	836.5	16QAM	13.410	14.733	PASS
B26	15	High	26965	841.5	QPSK	13.442	14.782	PASS
B26	15	High	26965	841.5	16QAM	13.445	14.864	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.4884	4.9415	PASS
B38	5	Low	37775	2572.5	16QAM	4.4890	5.0610	PASS
B38	5	Mid	38000	2595	QPSK	4.4837	5.0456	PASS
B38	5	Mid	38000	2595	16QAM	4.4908	5.2111	PASS
B38	5	High	38225	2617.5	QPSK	4.4814	5.0080	PASS
B38	5	High	38225	2617.5	16QAM	4.4896	5.0787	PASS
B38	10	Low	37800	2575	QPSK	8.9732	9.8257	PASS
B38	10	Low	37800	2575	16QAM	8.9485	9.8192	PASS
B38	10	Mid	38000	2595	QPSK	8.9652	9.9294	PASS
B38	10	Mid	38000	2595	16QAM	8.9566	10.0546	PASS
B38	10	High	38200	2615	QPSK	8.9596	9.9175	PASS
B38	10	High	38200	2615	16QAM	8.9474	9.7107	PASS
B38	15	Low	37825	2577.5	QPSK	13.450	14.830	PASS
B38	15	Low	37825	2577.5	16QAM	13.418	14.841	PASS
B38	15	Mid	38000	2595	QPSK	13.451	14.770	PASS
B38	15	Mid	38000	2595	16QAM	13.438	14.899	PASS
B38	15	High	38175	2612.5	QPSK	13.448	14.772	PASS
B38	15	High	38175	2612.5	16QAM	13.442	14.851	PASS
B38	20	Low	37850	2580	QPSK	17.903	19.700	PASS
B38	20	Low	37850	2580	16QAM	17.856	19.575	PASS
B38	20	Mid	38000	2595	QPSK	17.942	19.447	PASS
B38	20	Mid	38000	2595	16QAM	17.918	19.458	PASS
B38	20	High	38150	2610	QPSK	17.907	19.308	PASS
B38	20	High	38150	2610	16QAM	17.906	19.514	PASS

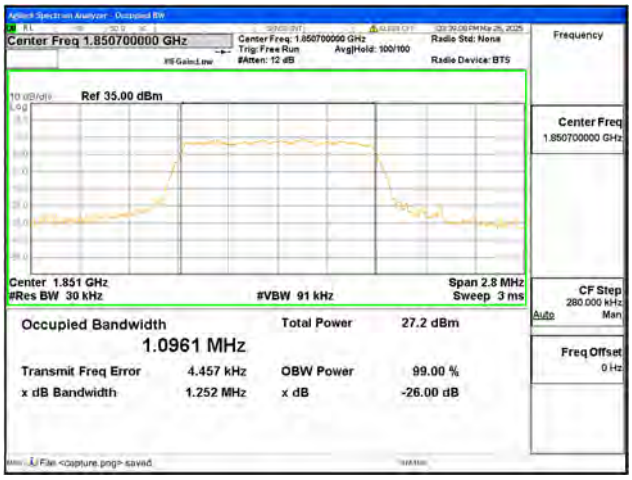
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	40065	2537.5	QPSK	4.4808	5.0171	PASS
B41	5	Low	40065	2537.5	16QAM	4.4926	5.1718	PASS
B41	5	Mid	40640	2595	QPSK	4.4904	5.0209	PASS
B41	5	Mid	40640	2595	16QAM	4.4897	4.9298	PASS
B41	5	High	41215	2652.5	QPSK	4.4845	4.9600	PASS
B41	5	High	41215	2652.5	16QAM	4.4909	5.0875	PASS
B41	10	Low	40090	2540	QPSK	8.9740	10.1303	PASS
B41	10	Low	40090	2540	16QAM	8.9537	10.3179	PASS
B41	10	Mid	40640	2595	QPSK	8.9650	9.7566	PASS
B41	10	Mid	40640	2595	16QAM	8.9549	9.9051	PASS
B41	10	High	41190	2650	QPSK	8.9720	9.8474	PASS
B41	10	High	41190	2650	16QAM	8.9597	9.9176	PASS
B41	15	Low	40115	2542.5	QPSK	13.426	14.663	PASS
B41	15	Low	40115	2542.5	16QAM	13.416	14.692	PASS
B41	15	Mid	40640	2595	QPSK	13.429	14.963	PASS
B41	15	Mid	40640	2595	16QAM	13.458	15.233	PASS
B41	15	High	41165	2647.5	QPSK	13.479	15.072	PASS
B41	15	High	41165	2647.5	16QAM	13.429	14.782	PASS
B41	20	Low	40140	2545	QPSK	17.926	19.652	PASS
B41	20	Low	40140	2545	16QAM	17.934	20.347	PASS
B41	20	Mid	40640	2595	QPSK	17.924	20.754	PASS
B41	20	Mid	40640	2595	16QAM	17.929	20.112	PASS
B41	20	High	41140	2645	QPSK	17.949	19.967	PASS
B41	20	High	41140	2645	16QAM	17.921	19.969	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0909	1.2525	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0971	1.2541	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0976	1.2422	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0947	1.2503	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0979	1.2449	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1008	1.2584	PASS
B66	3	Low	131987	1711.5	QPSK	2.7180	3.0593	PASS
B66	3	Low	131987	1711.5	16QAM	2.7065	3.0505	PASS
B66	3	Mid	132322	1745	QPSK	2.7128	3.0334	PASS
B66	3	Mid	132322	1745	16QAM	2.7185	3.0561	PASS
B66	3	High	132657	1778.5	QPSK	2.7142	3.0354	PASS
B66	3	High	132657	1778.5	16QAM	2.7221	3.0469	PASS
B66	5	Low	131997	1712.5	QPSK	4.4817	4.8868	PASS
B66	5	Low	131997	1712.5	16QAM	4.4867	4.9406	PASS
B66	5	Mid	132322	1745	QPSK	4.4838	4.9392	PASS
B66	5	Mid	132322	1745	16QAM	4.4839	4.9442	PASS
B66	5	High	132647	1777.5	QPSK	4.4871	4.9219	PASS
B66	5	High	132647	1777.5	16QAM	4.4891	4.9412	PASS
B66	10	Low	132022	1715	QPSK	8.9783	9.8233	PASS
B66	10	Low	132022	1715	16QAM	8.9624	9.7636	PASS
B66	10	Mid	132322	1745	QPSK	8.9728	9.8392	PASS
B66	10	Mid	132322	1745	16QAM	8.9588	9.7493	PASS
B66	10	High	132622	1775	QPSK	8.9954	9.8731	PASS
B66	10	High	132622	1775	16QAM	8.9516	9.7979	PASS
B66	15	Low	132047	1717.5	QPSK	13.430	14.839	PASS
B66	15	Low	132047	1717.5	16QAM	13.460	14.748	PASS
B66	15	Mid	132322	1745	QPSK	13.465	14.780	PASS
B66	15	Mid	132322	1745	16QAM	13.450	14.843	PASS
B66	15	High	132597	1772.5	QPSK	13.471	14.762	PASS
B66	15	High	132597	1772.5	16QAM	13.427	14.835	PASS
B66	20	Low	132072	1720	QPSK	17.915	19.621	PASS
B66	20	Low	132072	1720	16QAM	17.941	19.617	PASS
B66	20	Mid	132322	1745	QPSK	17.929	19.637	PASS
B66	20	Mid	132322	1745	16QAM	17.951	19.644	PASS
B66	20	High	132572	1770	QPSK	17.897	19.558	PASS

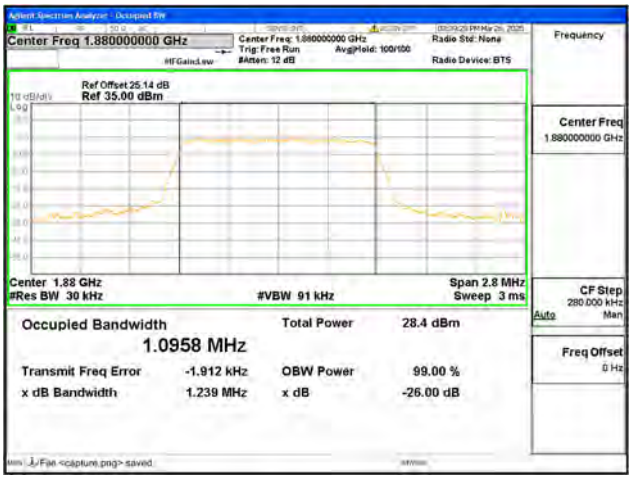
B66	20	High	132572	1770	16QAM	17.954	19.667	PASS



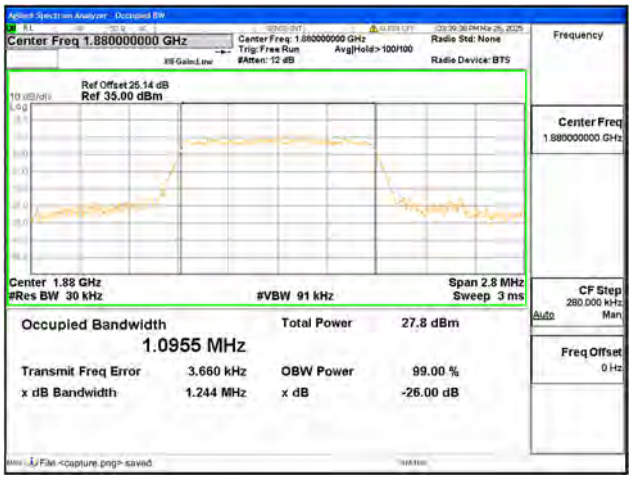
B2 / 1.4MHz / QPSK/ Low CH



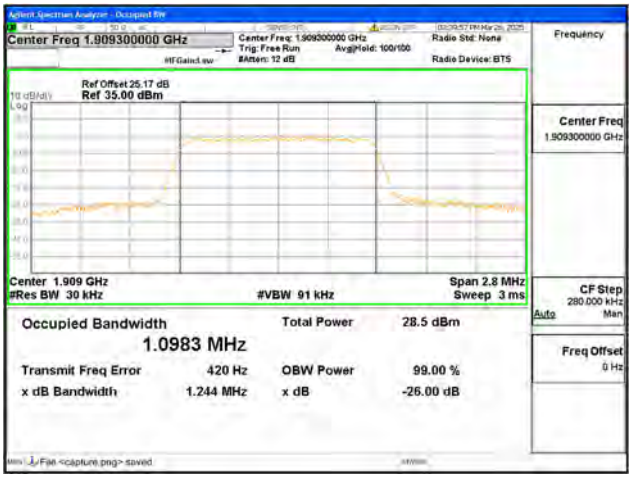
B2 / 1.4MHz / 16QAM/ Low CH



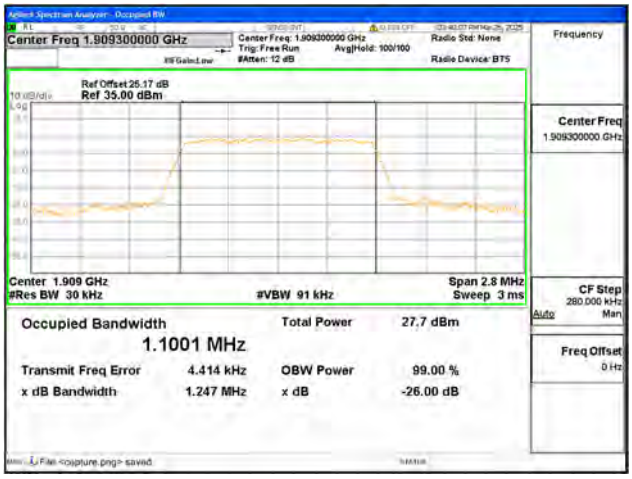
B2 / 1.4MHz / QPSK/ Mid CH



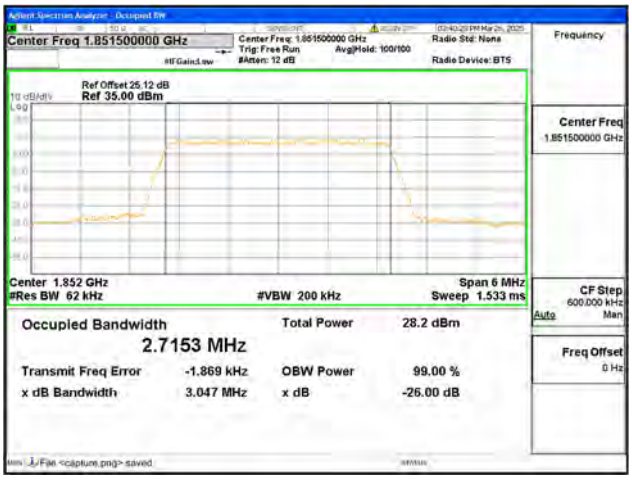
B2 / 1.4MHz / 16QAM/ Mid CH



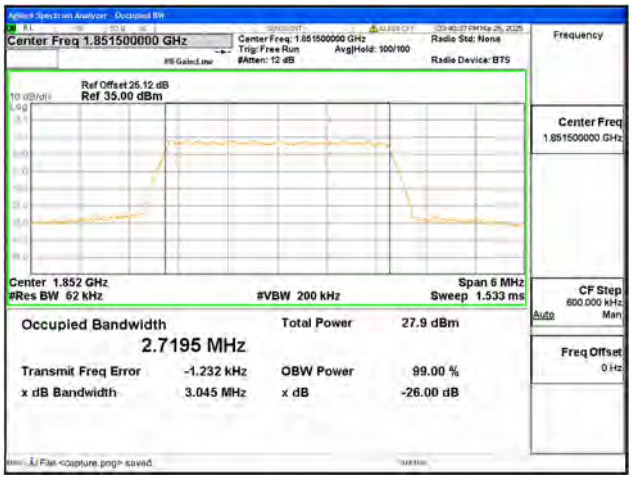
B2 / 1.4MHz / QPSK/ High CH



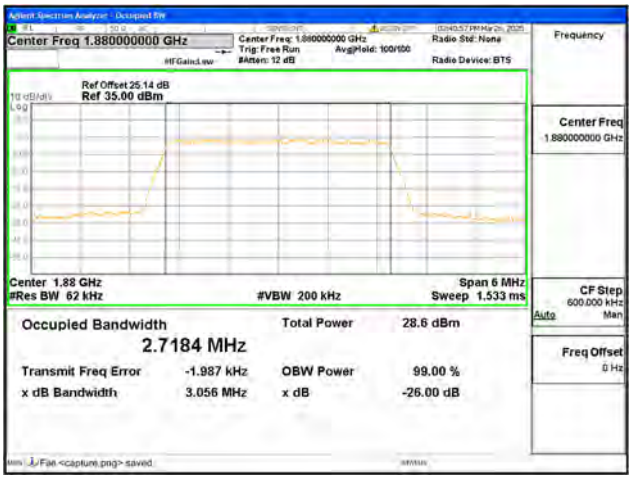
B2 / 1.4MHz / 16QAM/ High CH



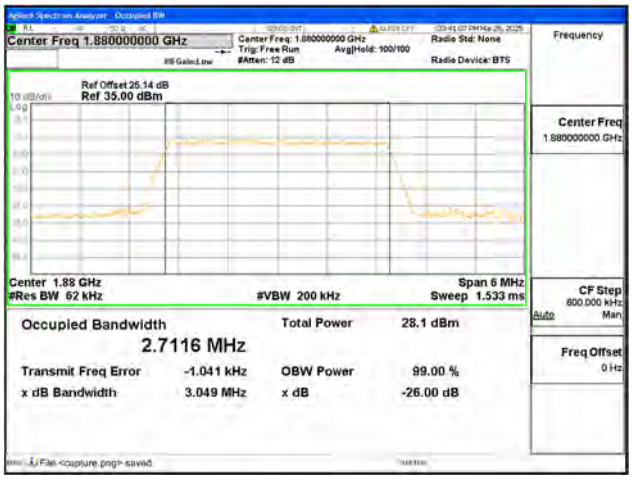
B2 / 3MHz / QPSK/ Low CH



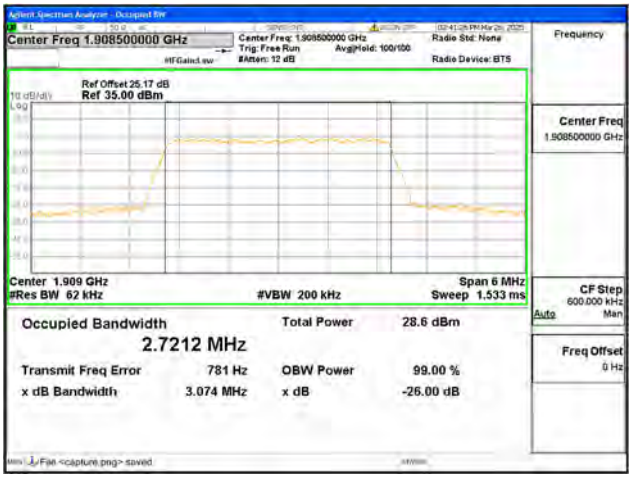
B2 / 3MHz / 16QAM/ Low CH



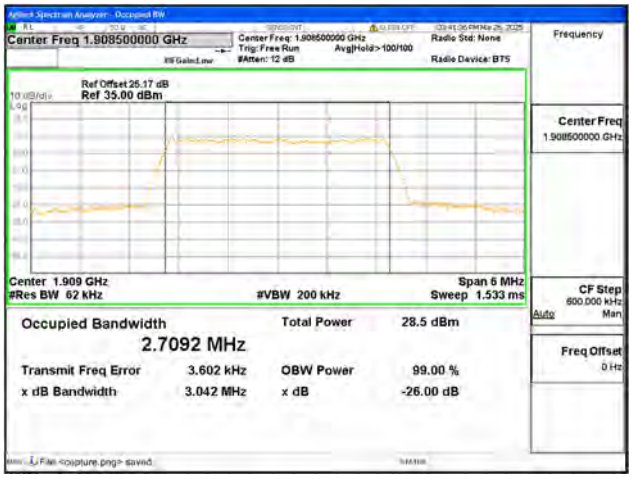
B2 / 3MHz / QPSK/ Mid CH



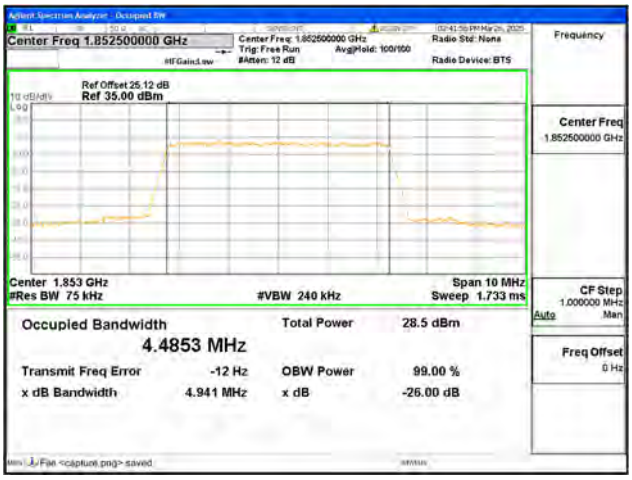
B2 / 3MHz / 16QAM/ Mid CH



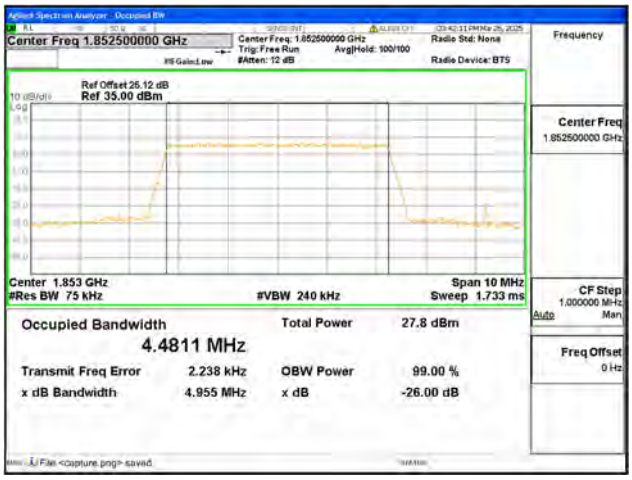
B2 / 3MHz / QPSK/ High CH



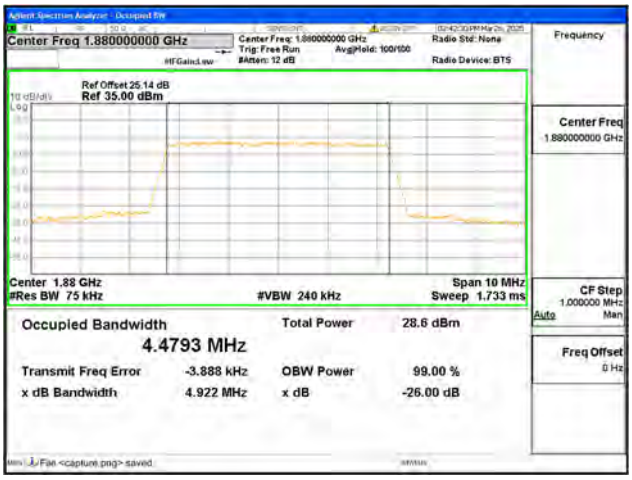
B2 / 3MHz / 16QAM/ High CH



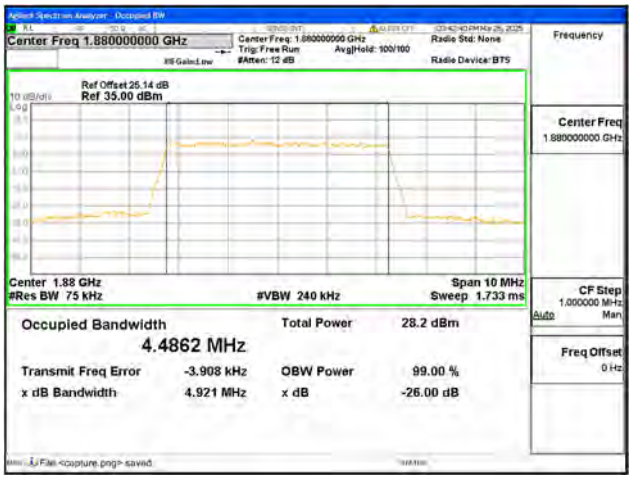
B2 / 5MHz / QPSK/ Low CH



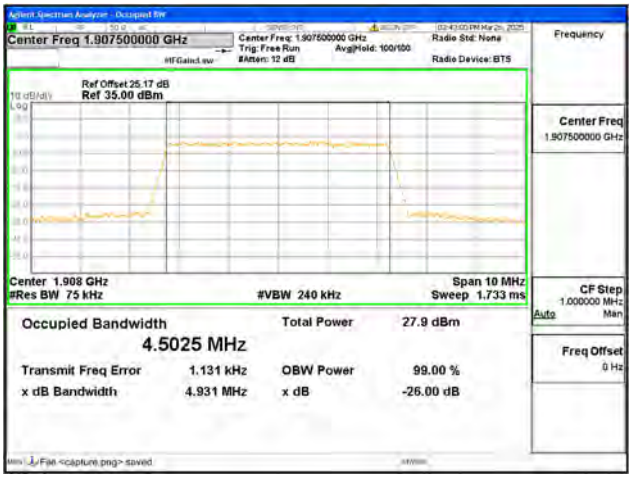
B2 / 5MHz / 16QAM/ Low CH



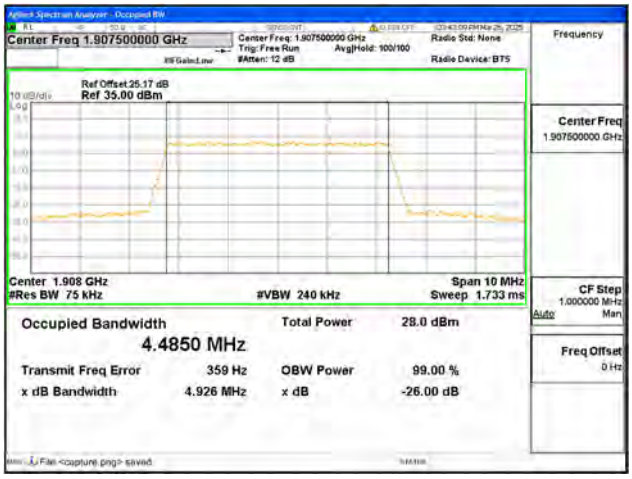
B2 / 5MHz / QPSK/ Mid CH



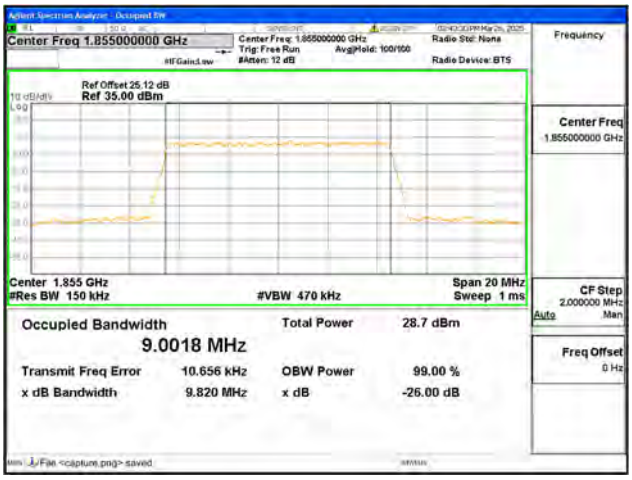
B2 / 5MHz / 16QAM/ Mid CH



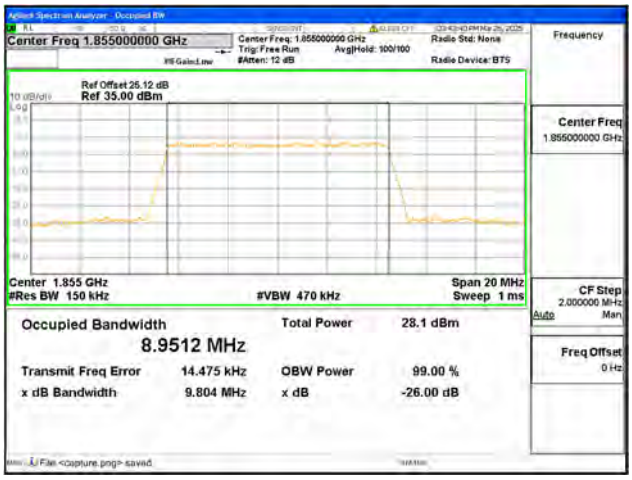
B2 / 5MHz / QPSK/ High CH



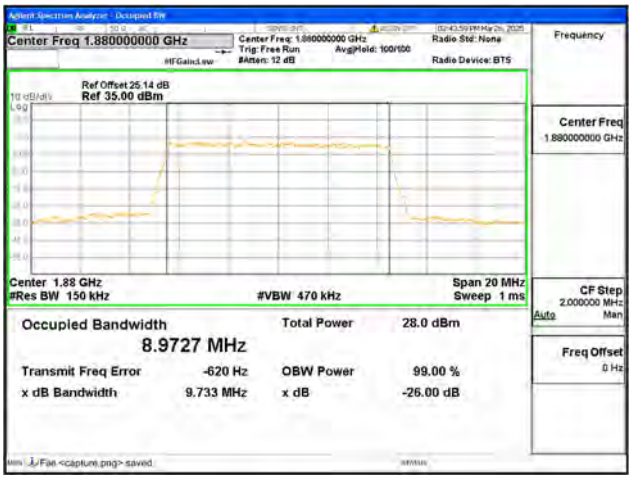
B2 / 5MHz / 16QAM/ High CH



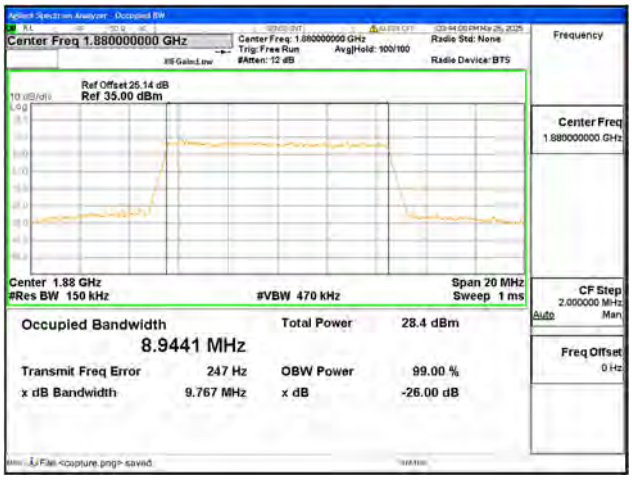
B2 / 10MHz / QPSK/ Low CH



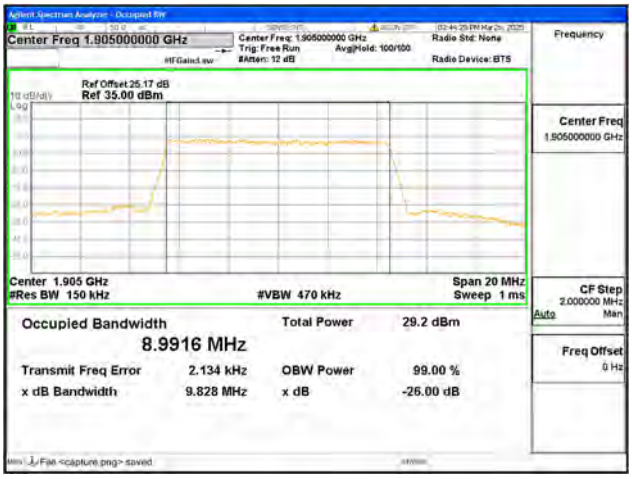
B2 / 10MHz / 16QAM/ Low CH



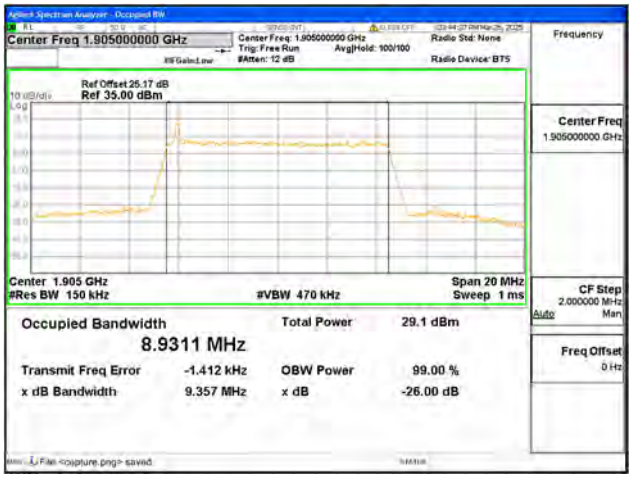
B2 / 10MHz / QPSK/ Mid CH



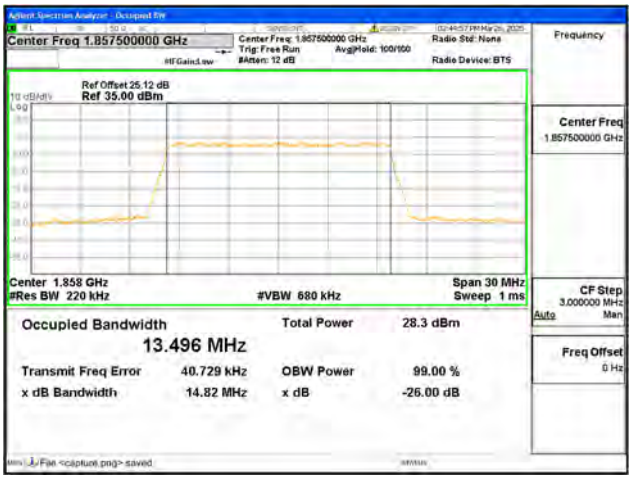
B2 / 10MHz / 16QAM/ Mid CH



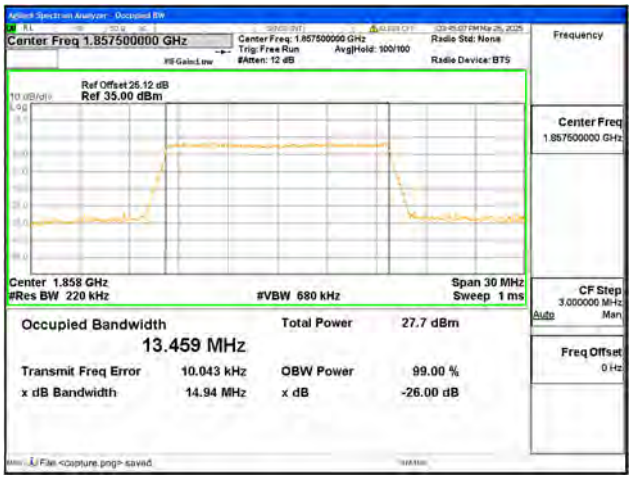
B2 / 10MHz / QPSK/ High CH



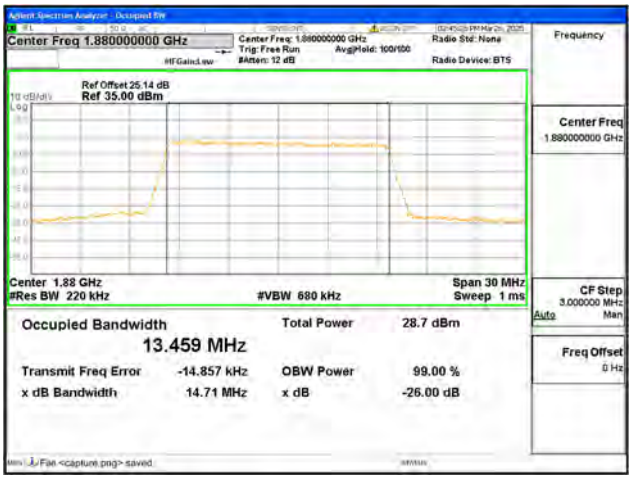
B2 / 10MHz / 16QAM/ High CH



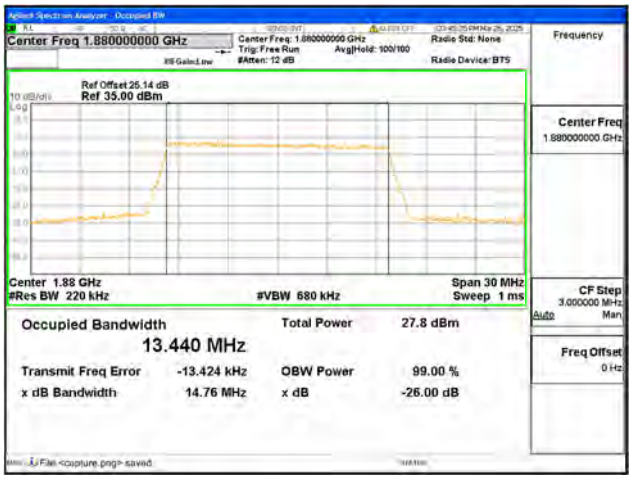
B2 / 15MHz / QPSK/ Low CH



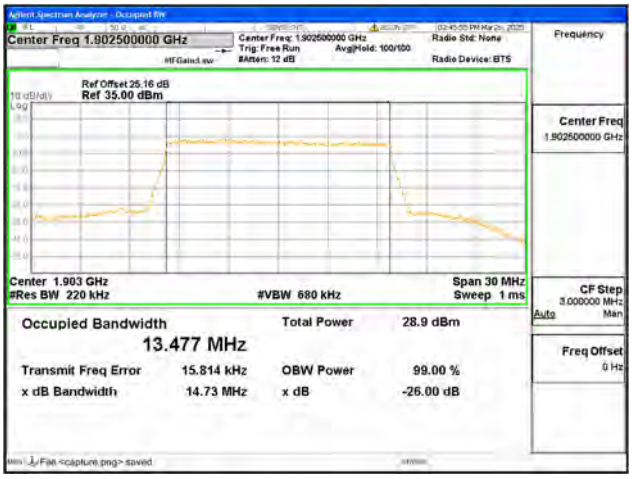
B2 / 15MHz / 16QAM/ Low CH



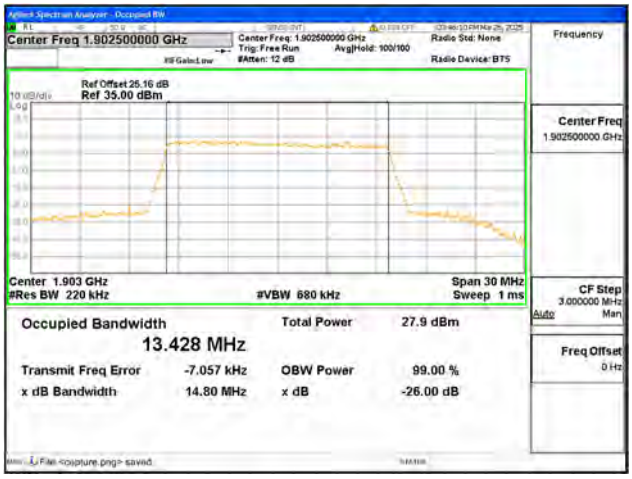
B2 / 15MHz / QPSK/ Mid CH



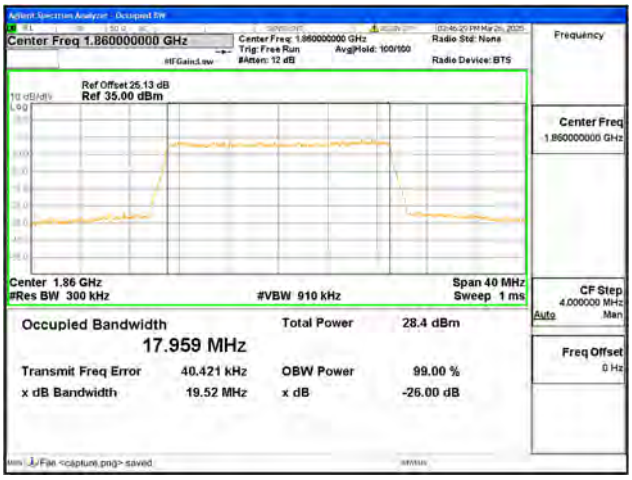
B2 / 15MHz / 16QAM/ Mid CH



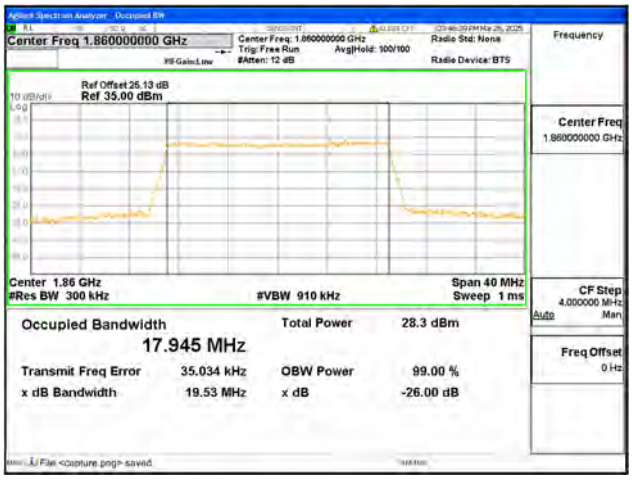
B2 / 15MHz / QPSK/ High CH



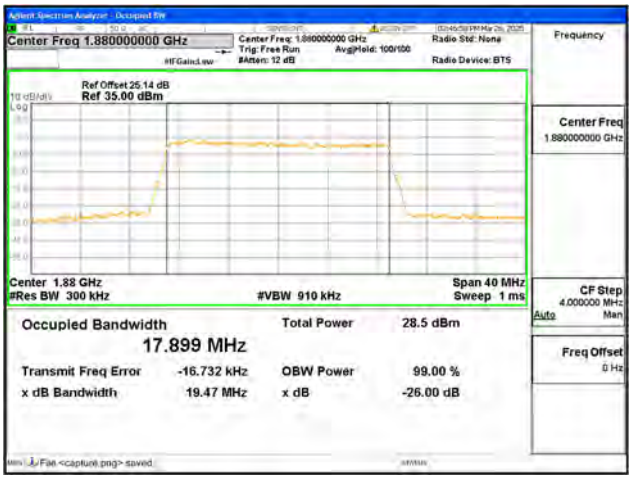
B2 / 15MHz / 16QAM/ High CH



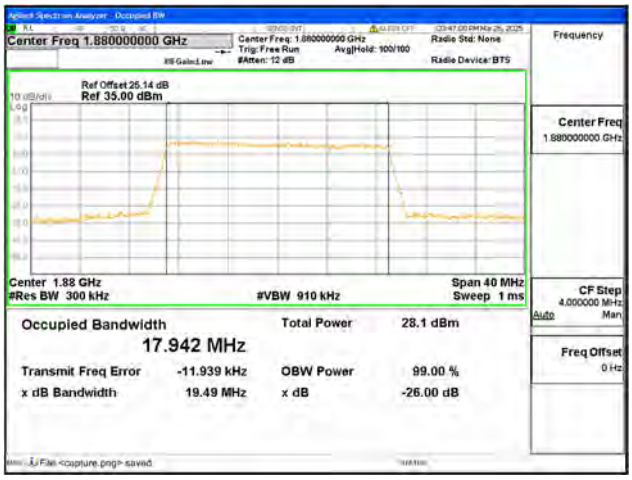
B2 / 20MHz / QPSK/ Low CH



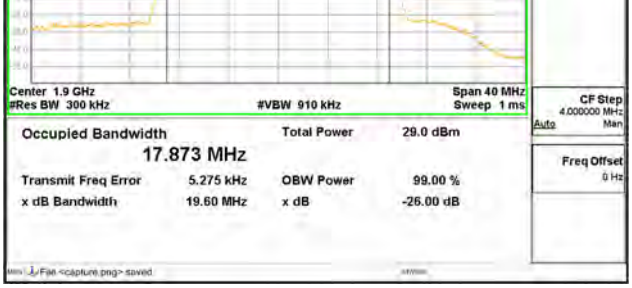
B2 / 20MHz / 16QAM/ Low CH



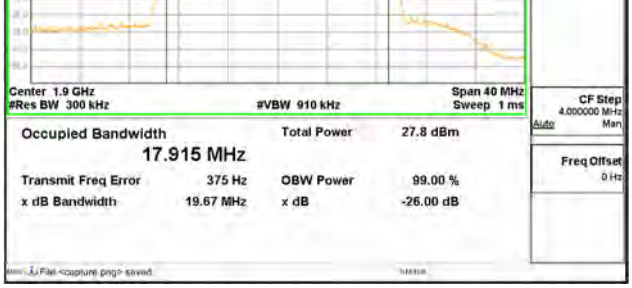
B2 / 20MHz / QPSK/ Mid CH



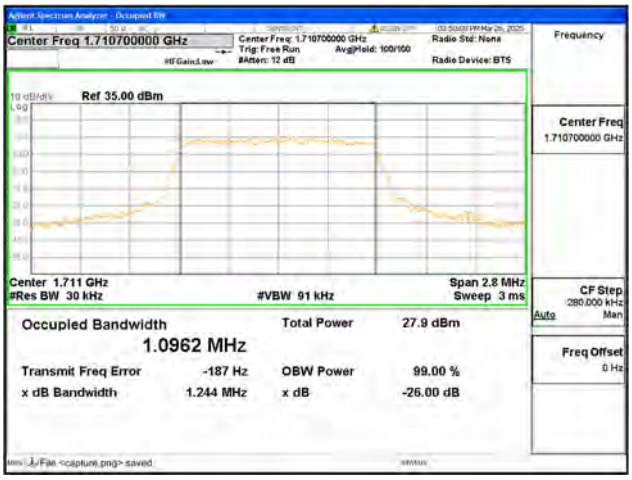
B2 / 20MHz / 16QAM/ Mid CH



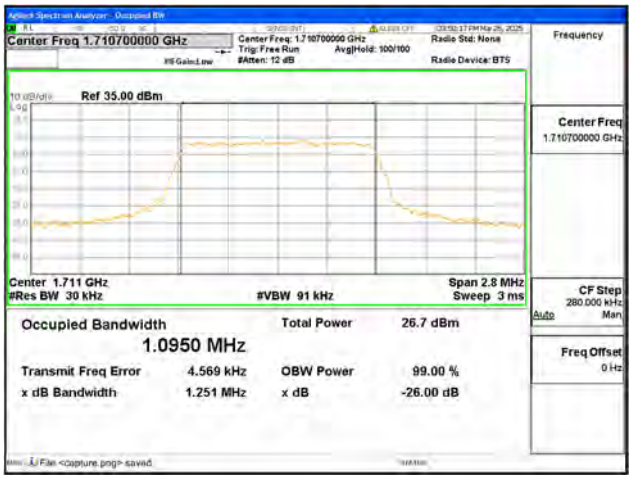
B2 / 20MHz / QPSK/ High CH



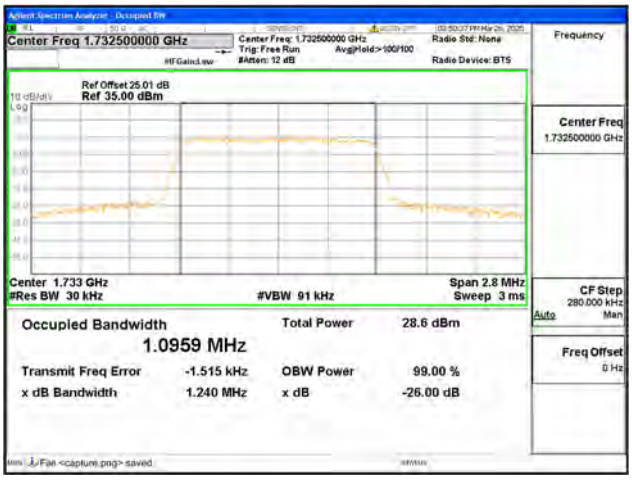
B2 / 20MHz / 16QAM/ High CH



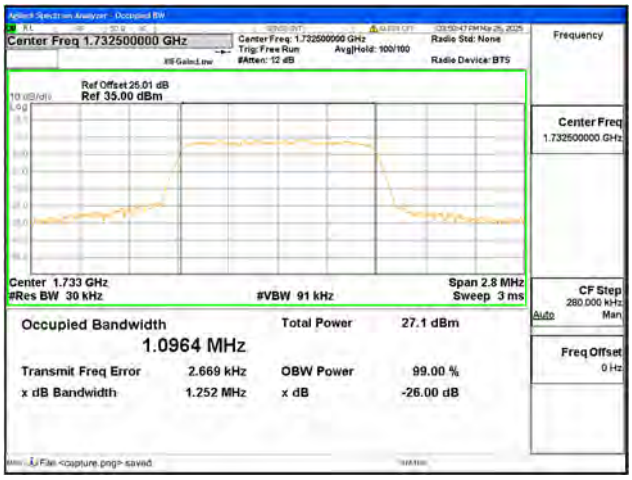
B4 / 1.4MHz / QPSK/ Low CH



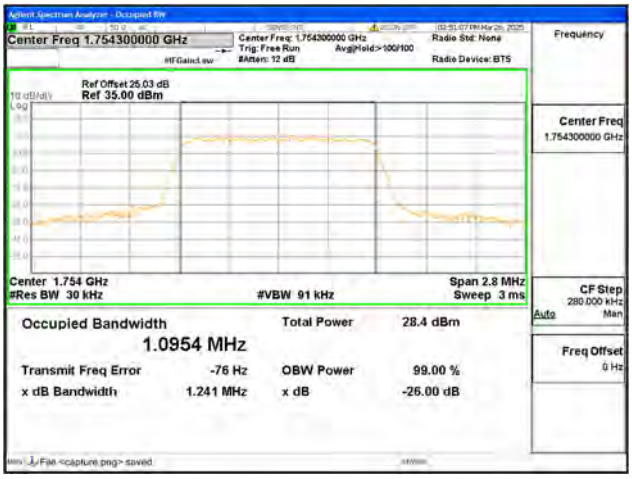
B4 / 1.4MHz / 16QAM/ Low CH



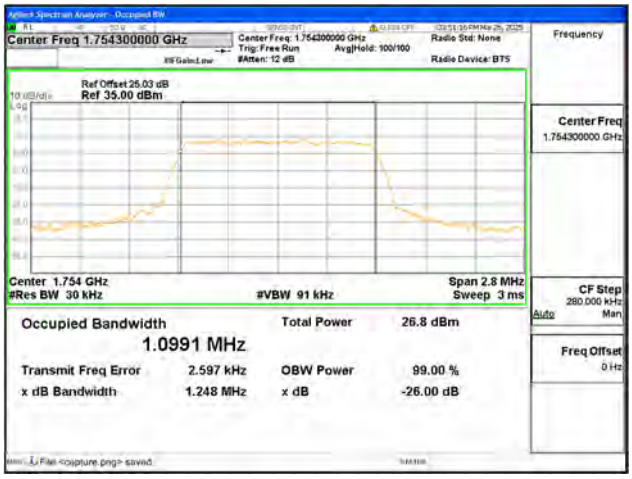
B4 / 1.4MHz / QPSK/ Mid CH



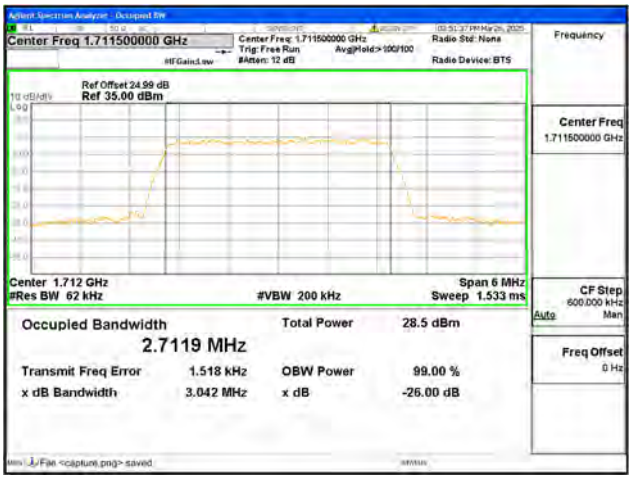
B4 / 1.4MHz / 16QAM/ Mid CH



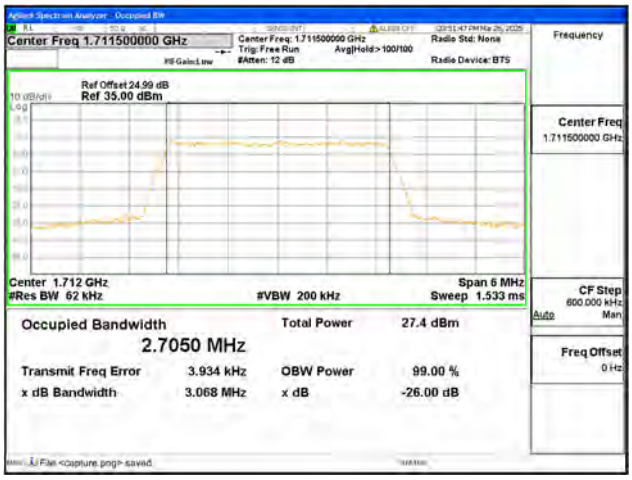
B4 / 1.4MHz / QPSK/ High CH



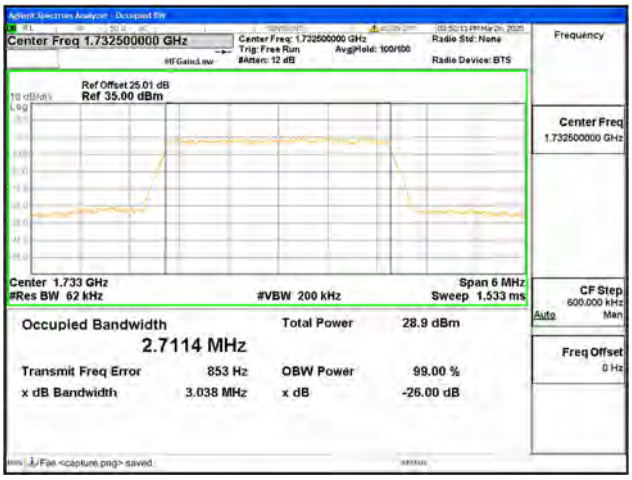
B4 / 1.4MHz / 16QAM/ High CH



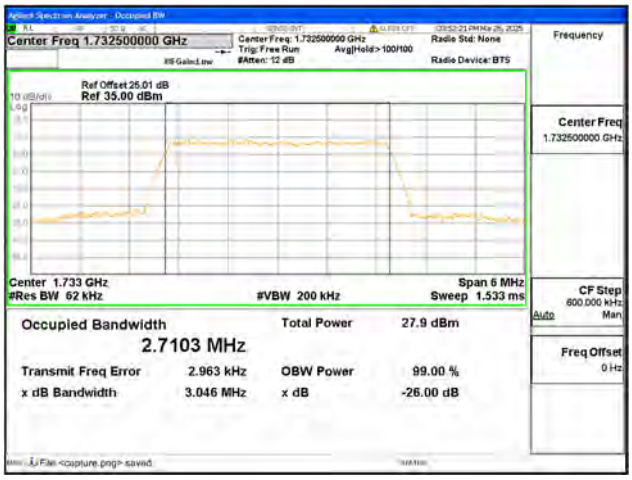
B4 / 3MHz / QPSK/ Low CH



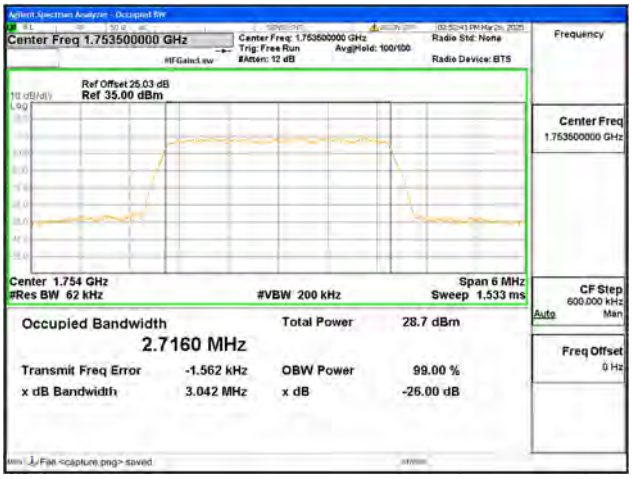
B4 / 3MHz / 16QAM/ Low CH



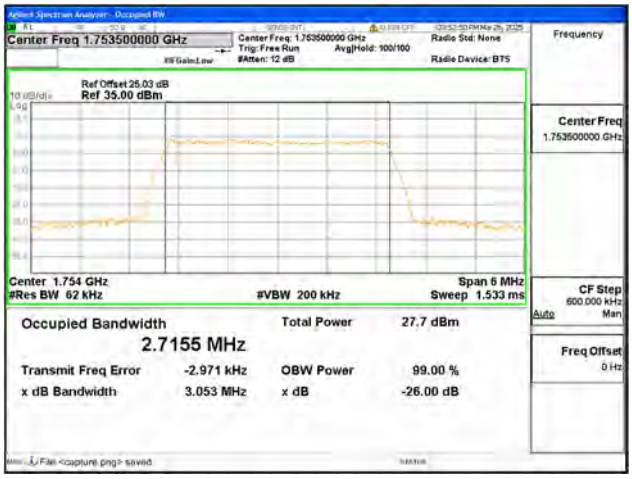
B4 / 3MHz / QPSK/ Mid CH



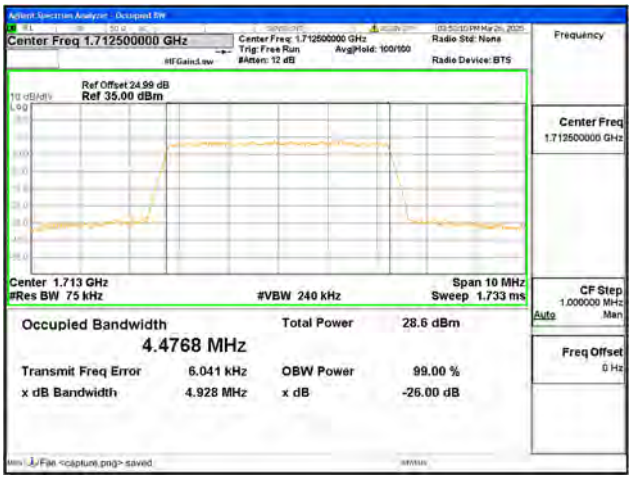
B4 / 3MHz / 16QAM/ Mid CH



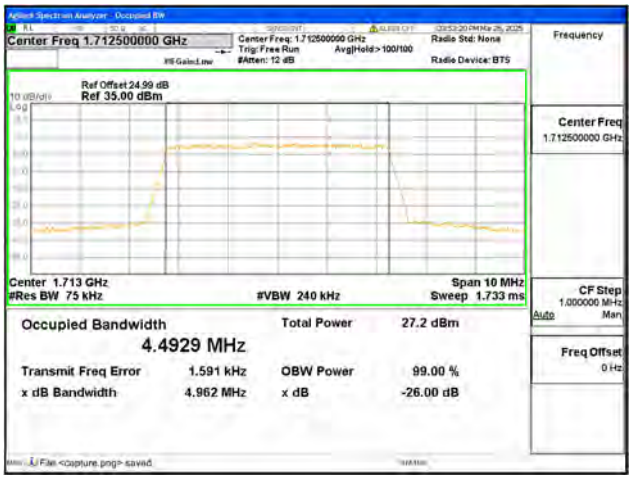
B4 / 3MHz / QPSK/ High CH



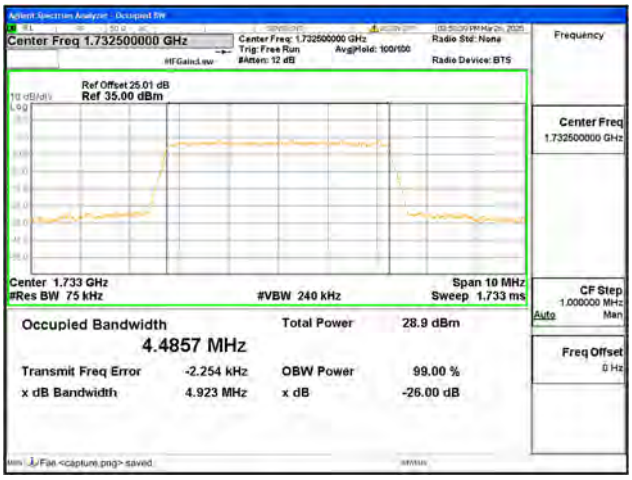
B4 / 3MHz / 16QAM/ High CH



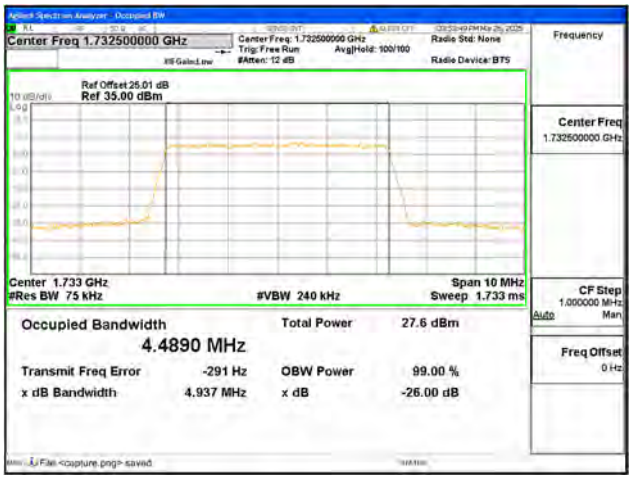
B4 / 5MHz / QPSK/ Low CH



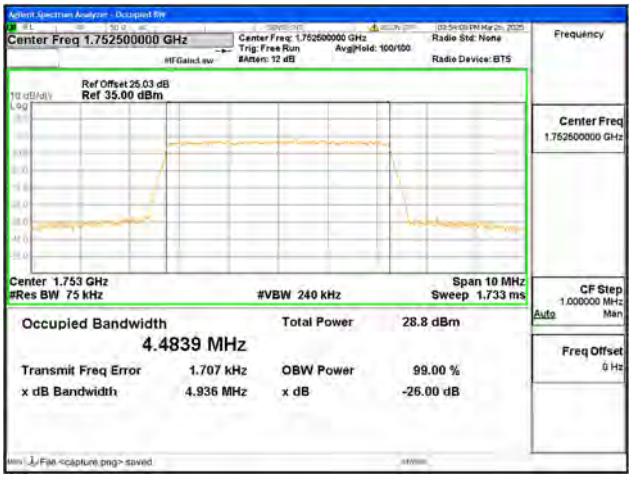
B4 / 5MHz / 16QAM/ Low CH



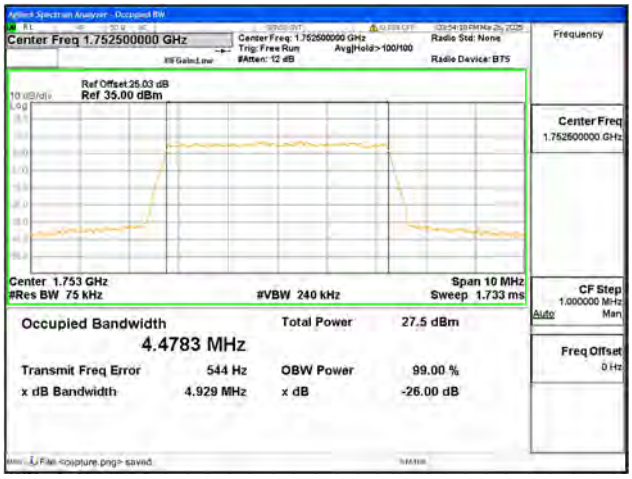
B4 / 5MHz / QPSK/ Mid CH



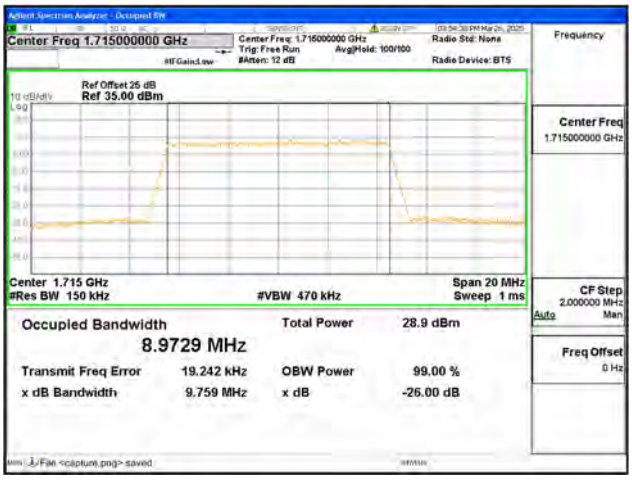
B4 / 5MHz / 16QAM/ Mid CH



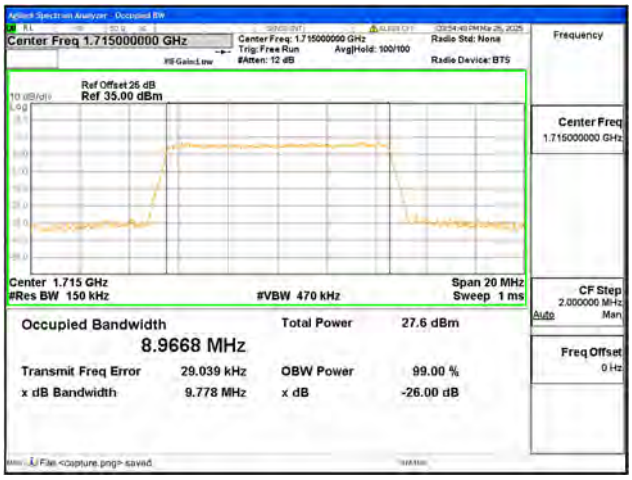
B4 / 5MHz / QPSK/ High CH



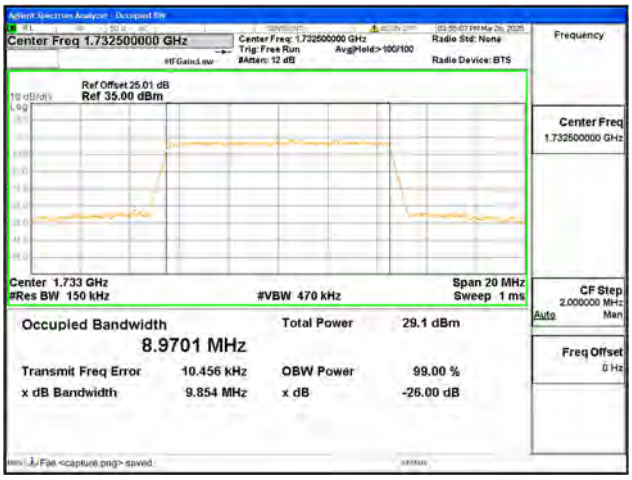
B4 / 5MHz / 16QAM/ High CH



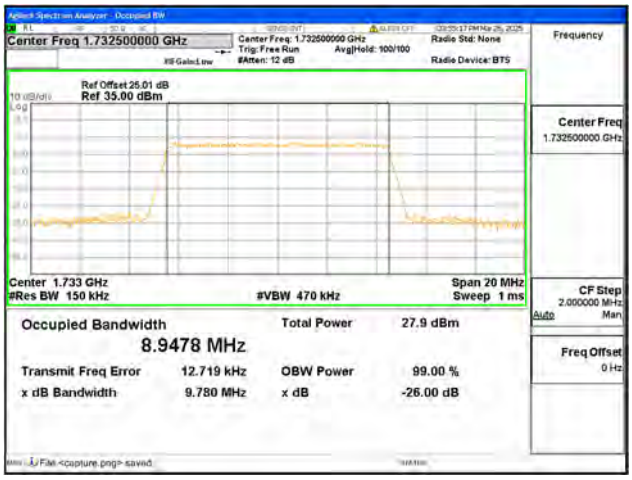
B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH

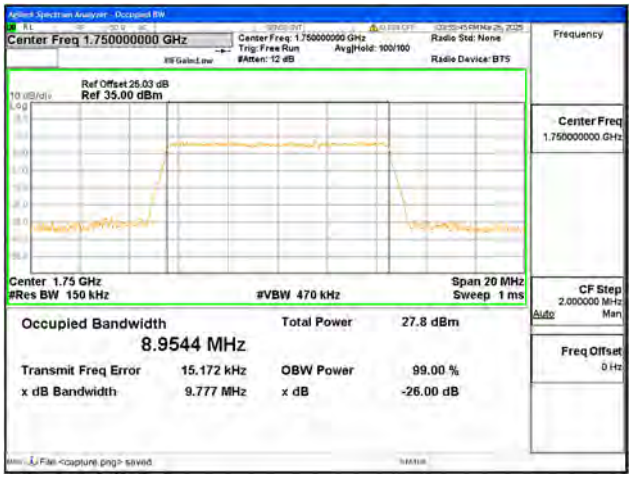


B4 / 10MHz / QPSK/ Mid CH

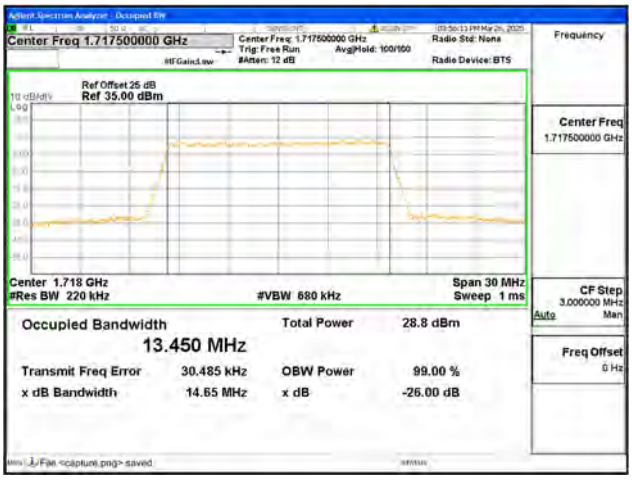


B4 / 10MHz / 16QAM/ Mid CH

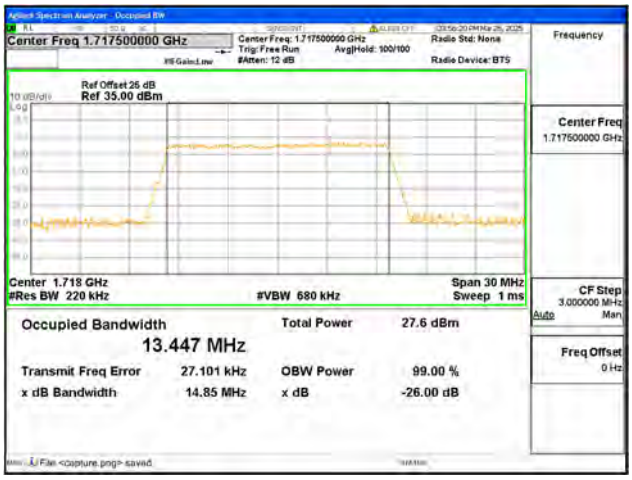
B4 / 10MHz / QPSK/ High CH



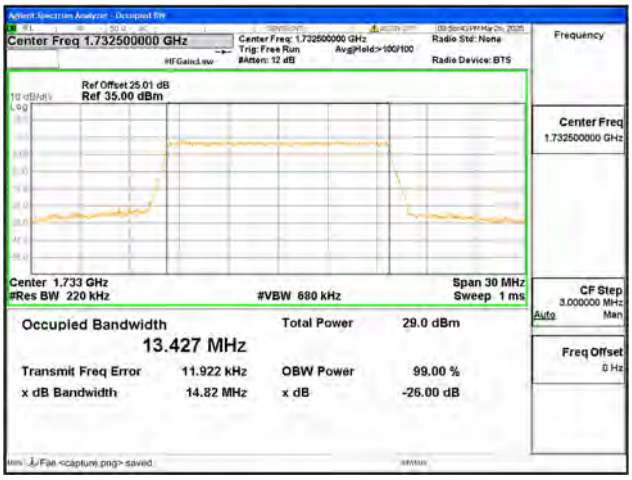
B4 / 10MHz / 16QAM/ High CH



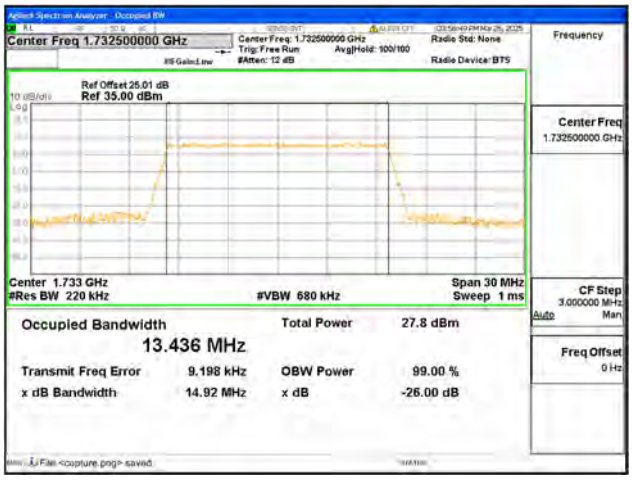
B4 / 15MHz / QPSK/ Low CH



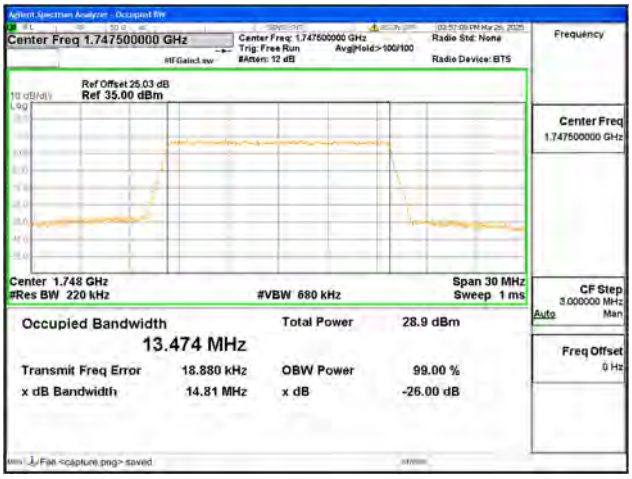
B4 / 15MHz / 16QAM/ Low CH



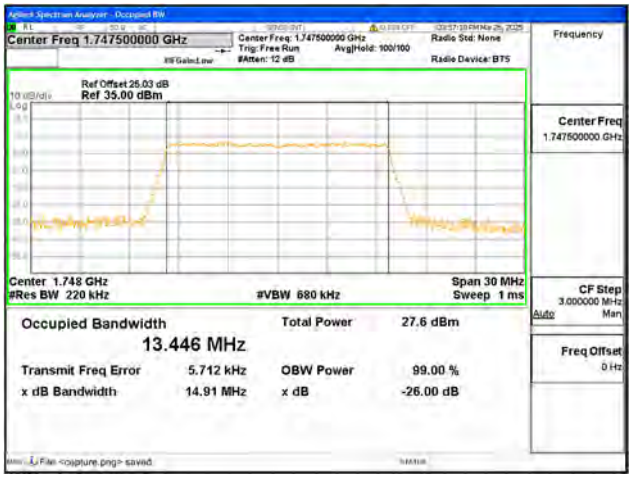
B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



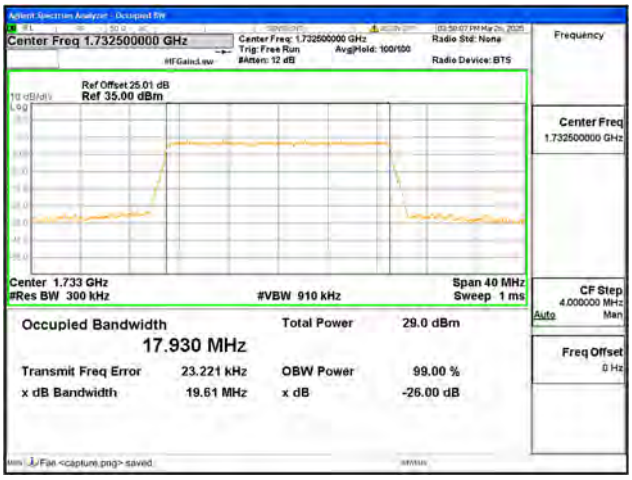
B4 / 15MHz / QPSK/ High CH



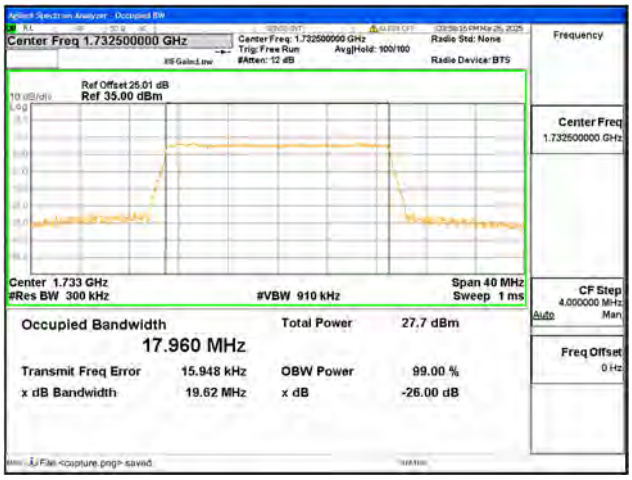
B4 / 15MHz / 16QAM/ High CH

B4 / 20MHz / QPSK/ Low CH

B4 / 20MHz / 16QAM/ Low CH

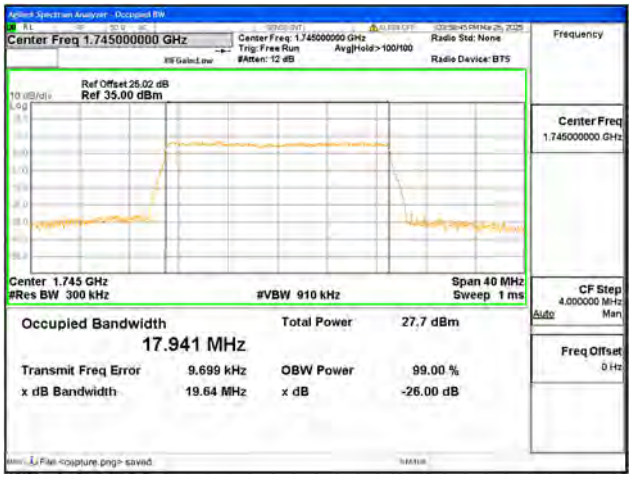


B4 / 20MHz / QPSK/ Mid CH

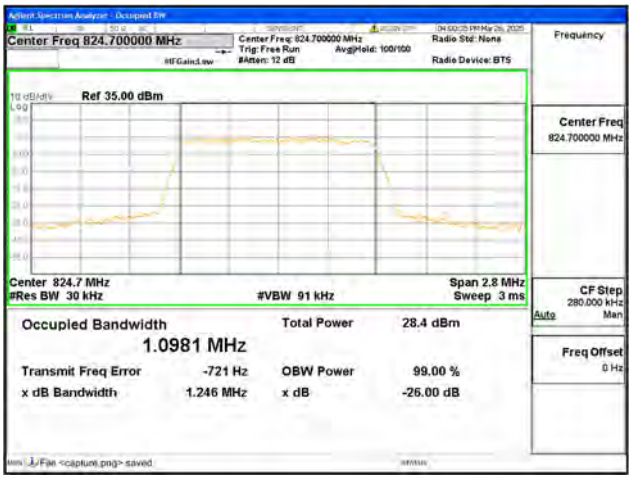


B4 / 20MHz / 16QAM/ Mid CH

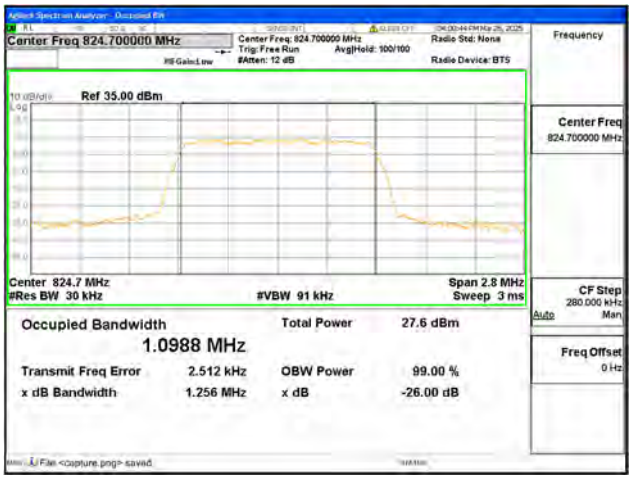
B4 / 20MHz / QPSK/ High CH



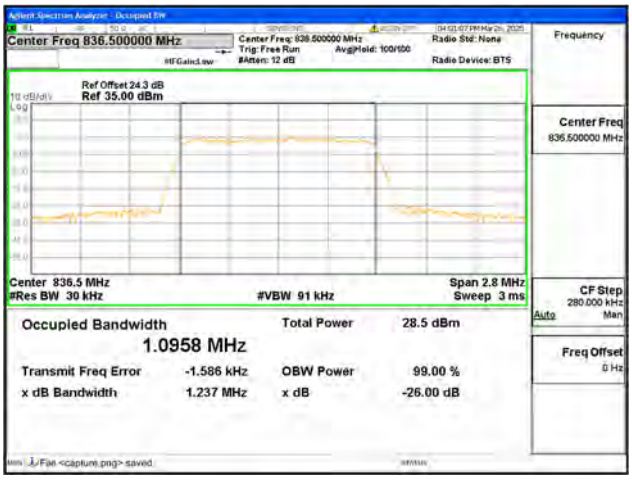
B4 / 20MHz / 16QAM/ High CH



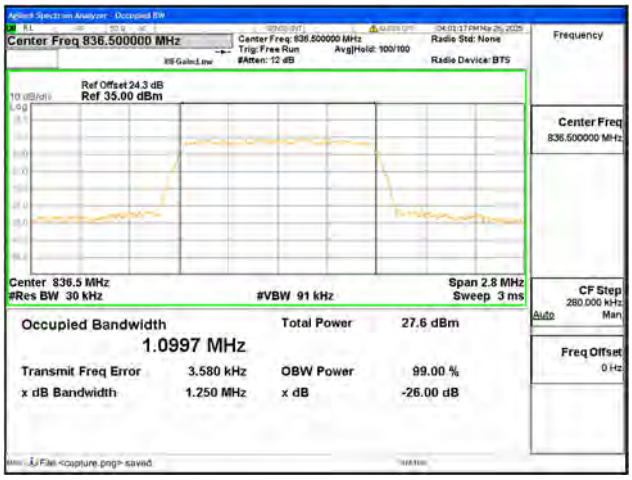
B5 / 1.4MHz / QPSK/ Low CH



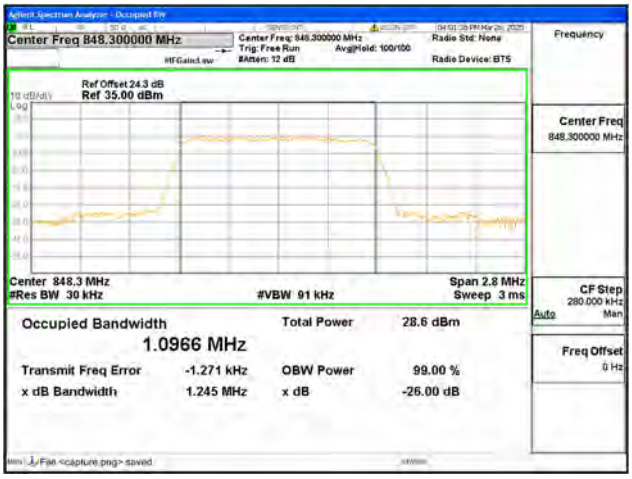
B5 / 1.4MHz / 16QAM/ Low CH



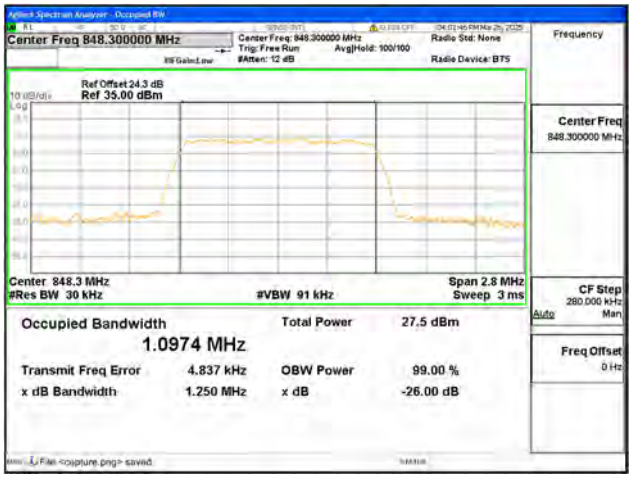
B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH

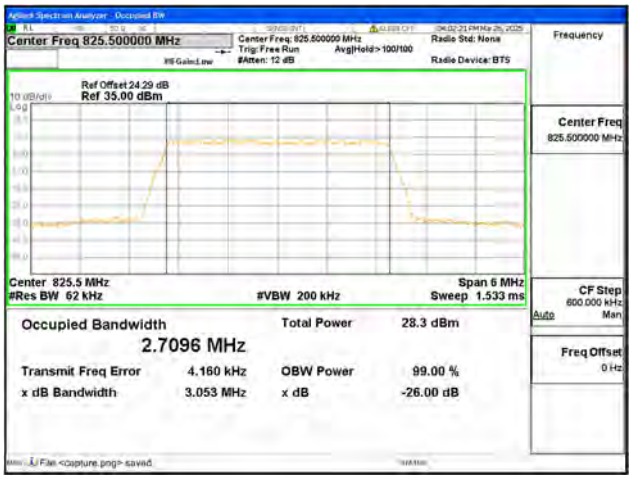


B5 / 1.4MHz / QPSK/ High CH

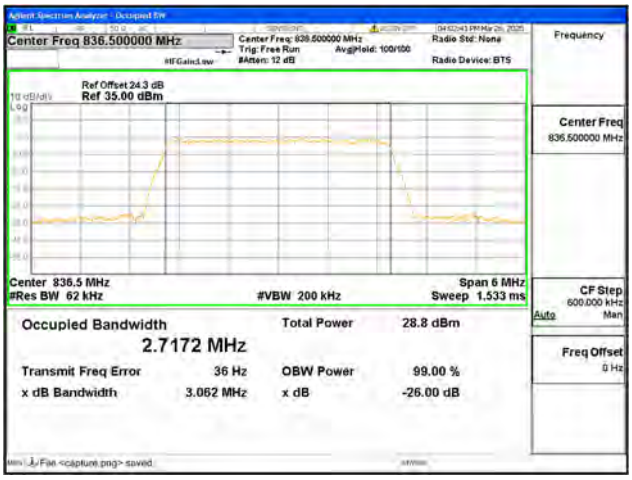


B5 / 1.4MHz / 16QAM/ High CH

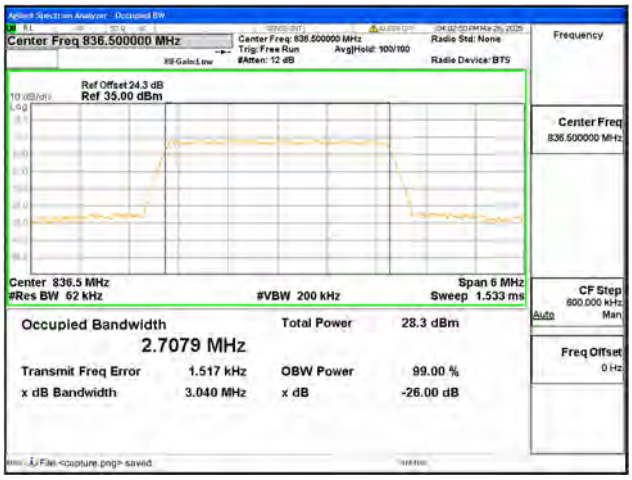
B5 / 3MHz / QPSK/ Low CH



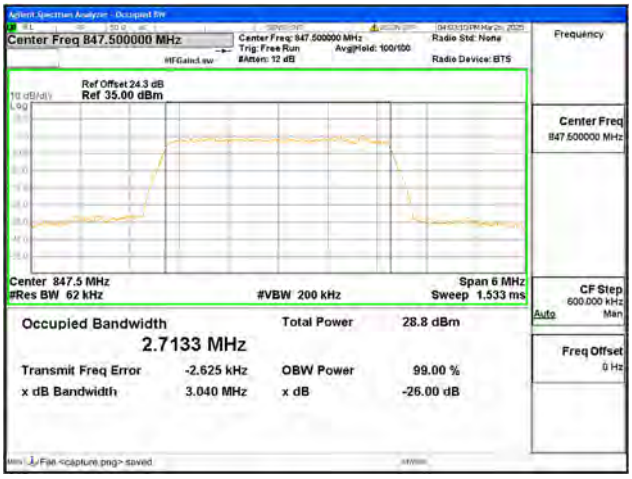
B5 / 3MHz / 16QAM/ Low CH



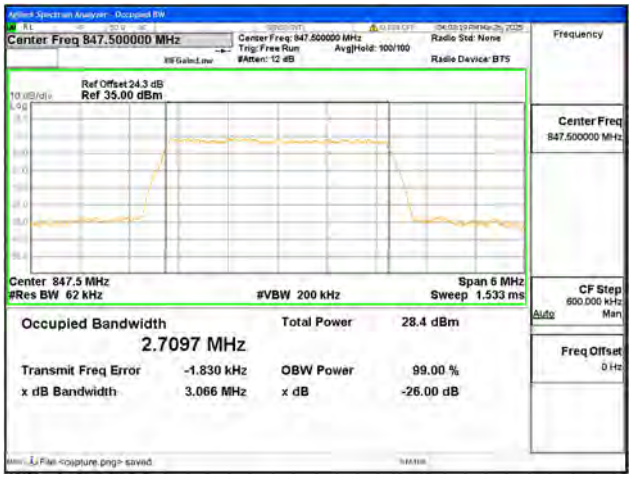
B5 / 3MHz / QPSK/ Mid CH



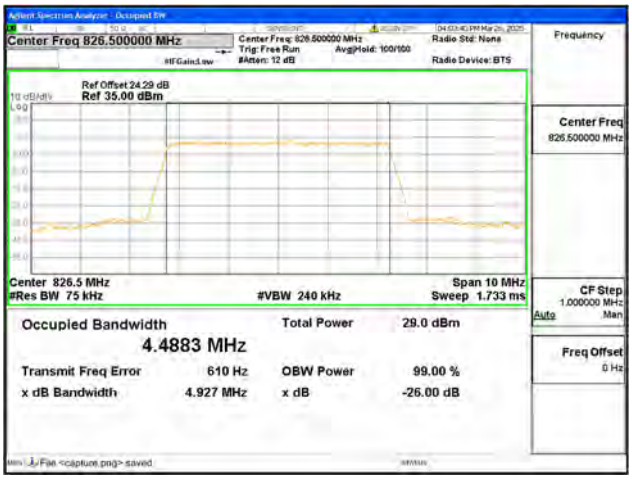
B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH

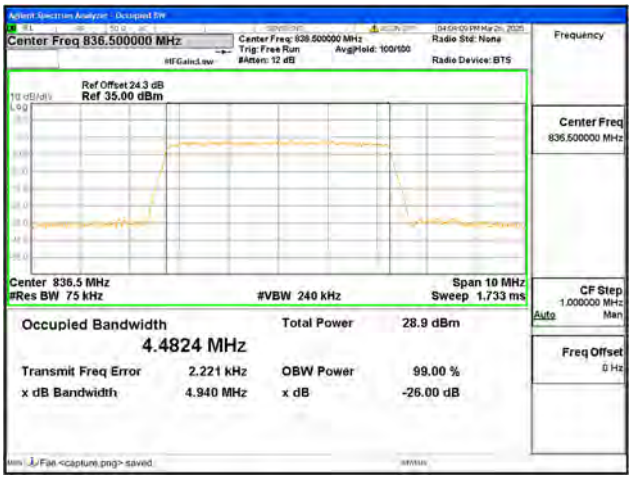


B5 / 3MHz / 16QAM/ High CH

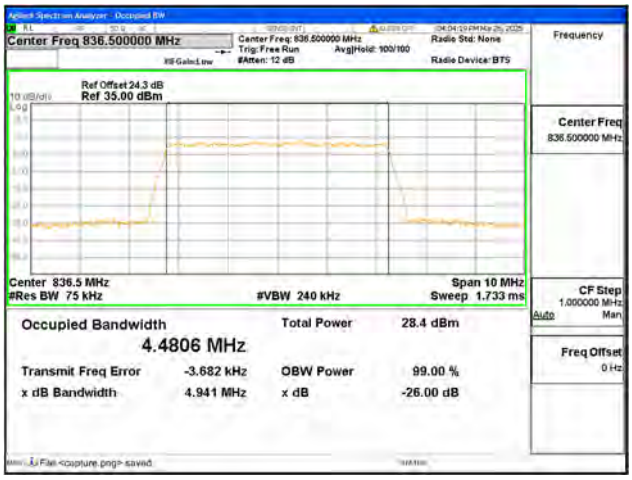


B5 / 5MHz / QPSK/ Low CH

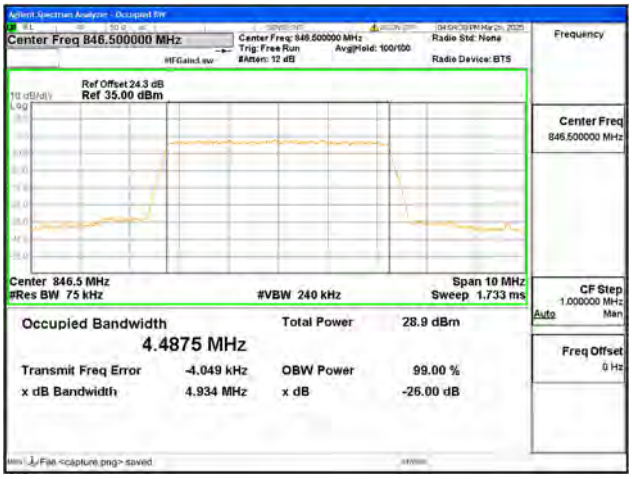
B5 / 5MHz / 16QAM/ Low CH



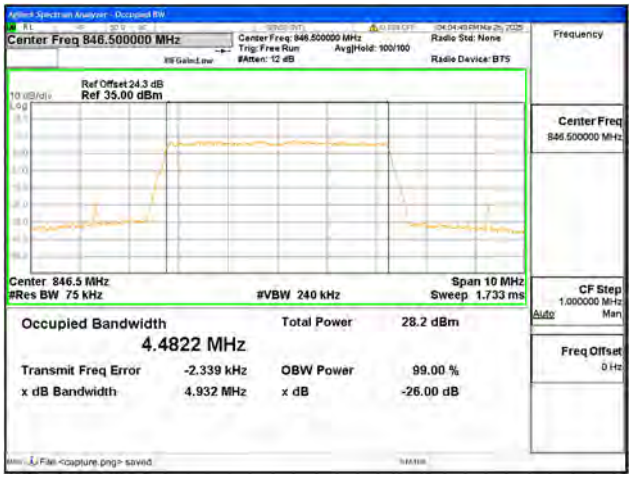
B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH

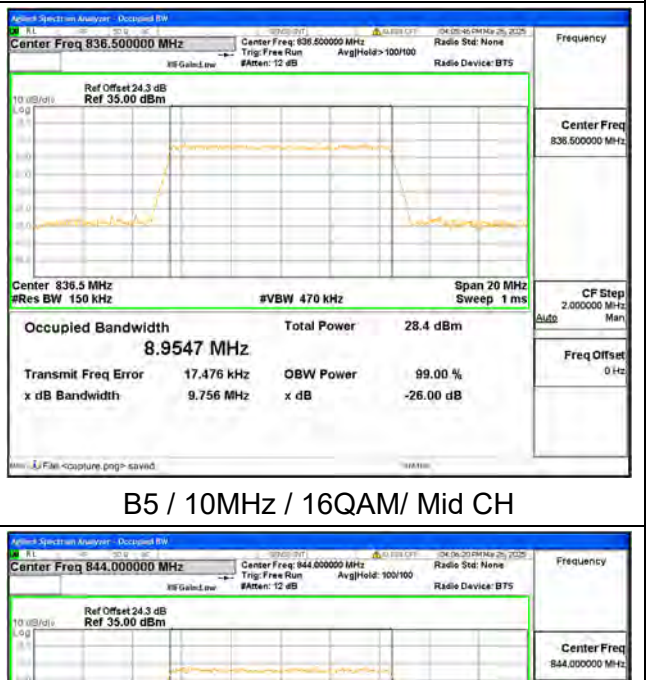


B5 / 5MHz / 16QAM/ High CH

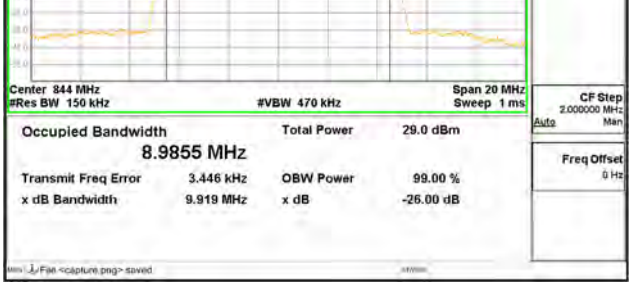
B5 / 10MHz / QPSK/ Low CH

B5 / 10MHz / 16QAM/ Low CH

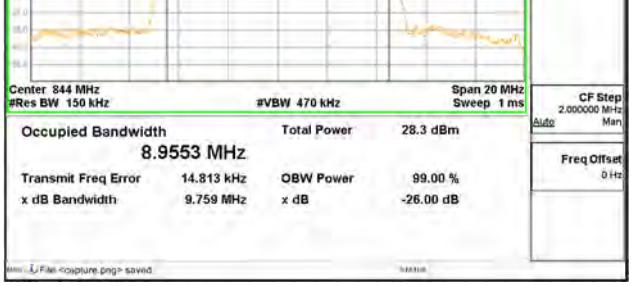
B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



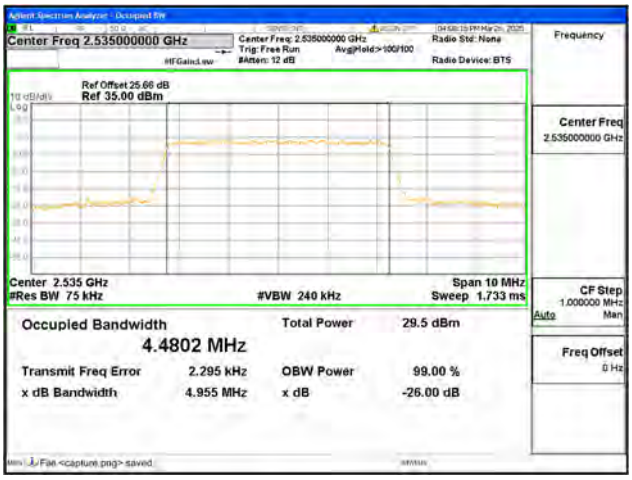
B5 / 10MHz / QPSK/ High CH



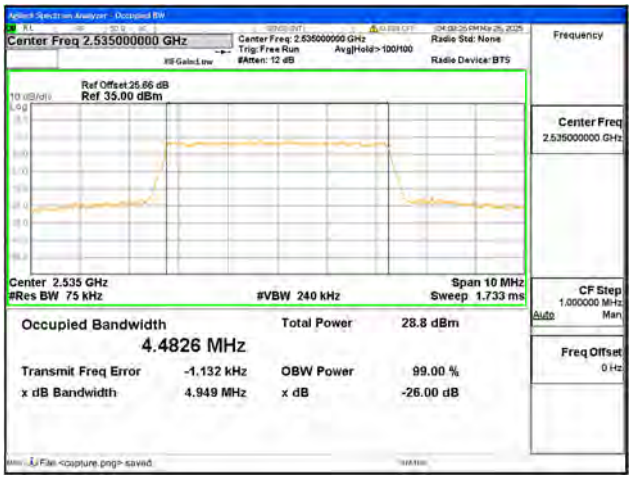
B5 / 10MHz / 16QAM/ High CH

B7 / 5MHz / QPSK/ Low CH

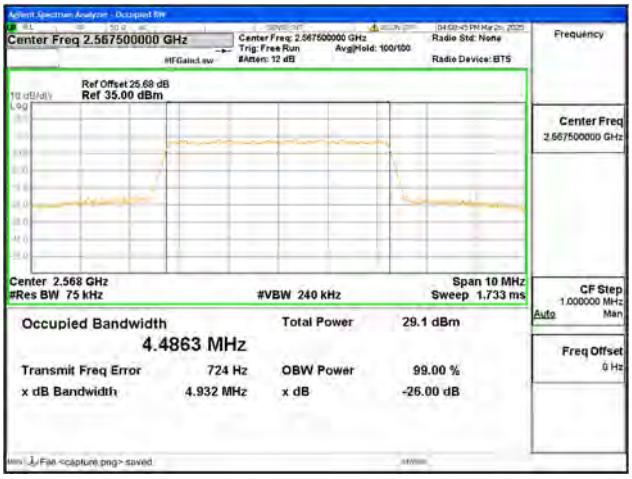
B7 / 5MHz / 16QAM/ Low CH



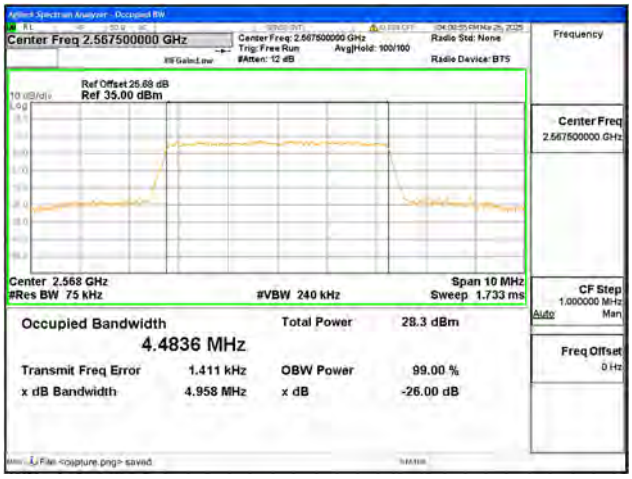
B7 / 5MHz / QPSK/ Mid CH



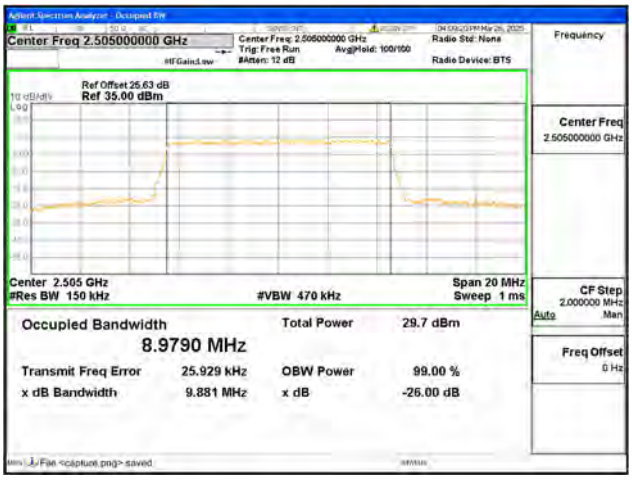
B7 / 5MHz / 16QAM/ Mid CH



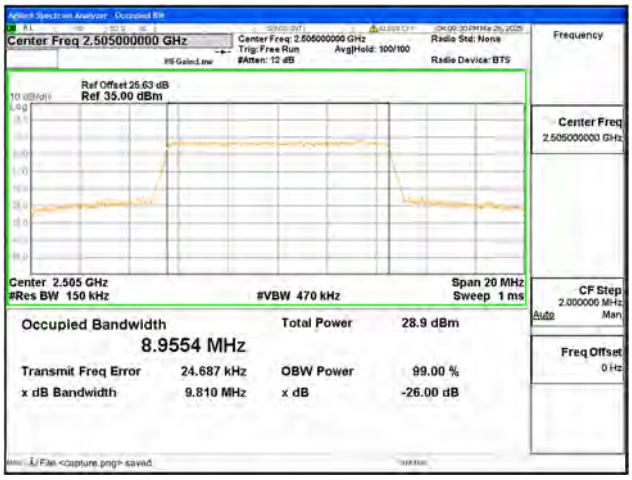
B7 / 5MHz / QPSK/ High CH



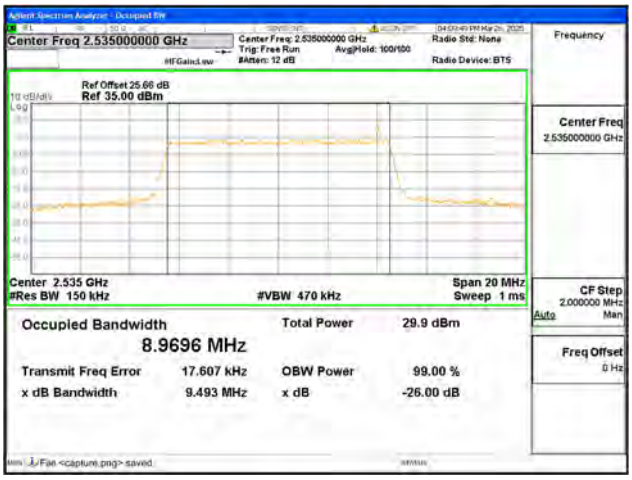
B7 / 5MHz / 16QAM/ High CH



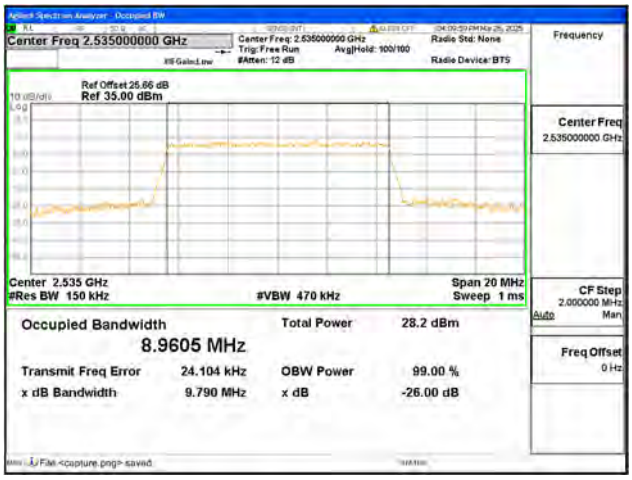
B7 / 10MHz / QPSK/ Low CH



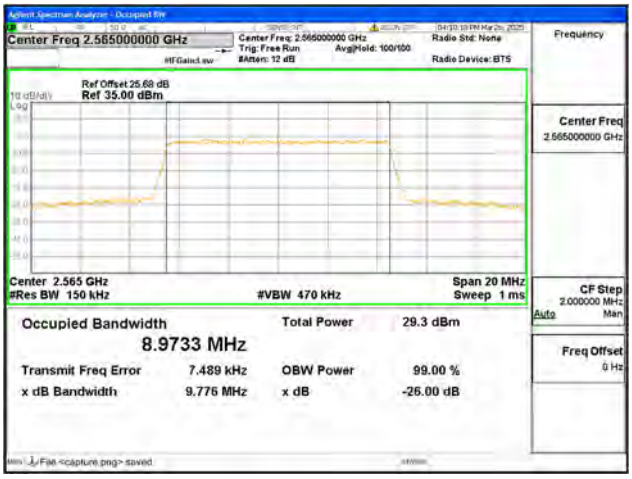
B7 / 10MHz / 16QAM/ Low CH



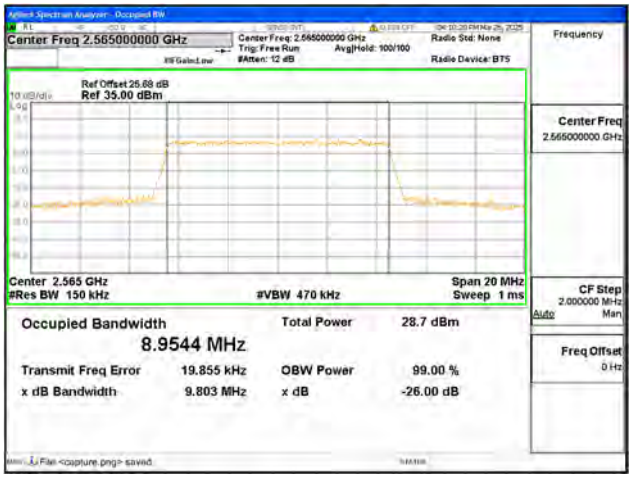
B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



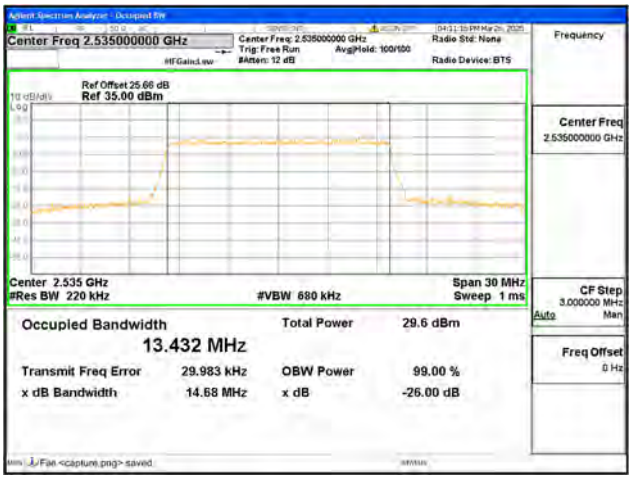
B7 / 10MHz / QPSK/ High CH



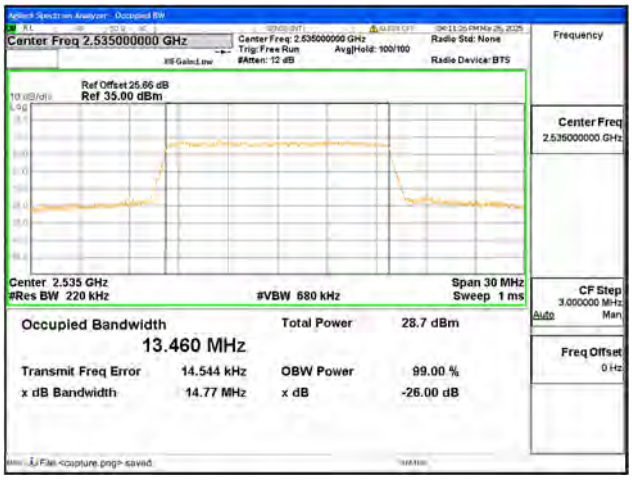
B7 / 10MHz / 16QAM/ High CH

B7 / 15MHz / QPSK/ Low CH

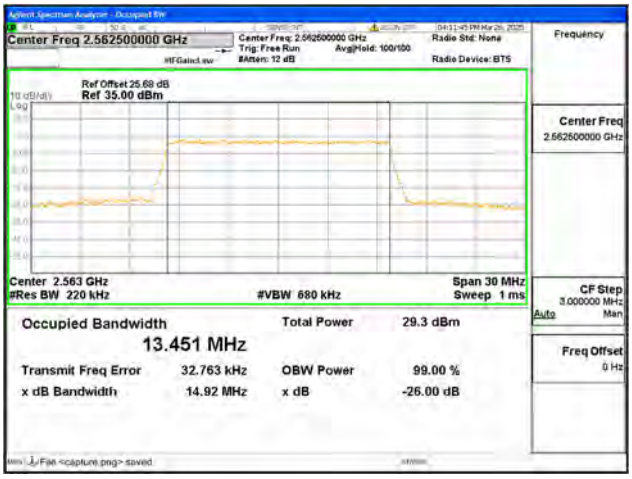
B7 / 15MHz / 16QAM/ Low CH



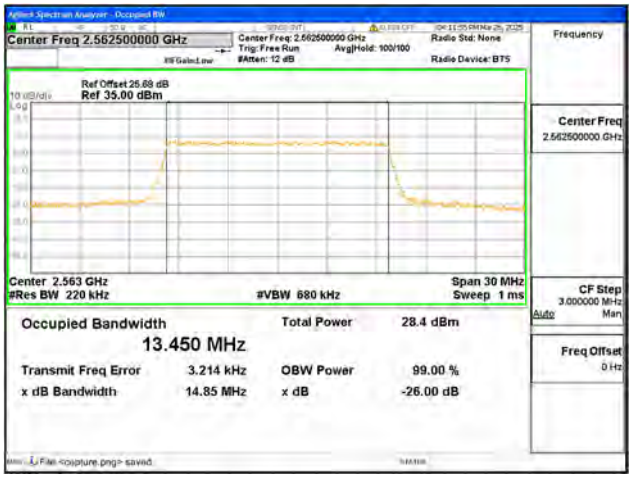
B7 / 15MHz / QPSK/ Mid CH



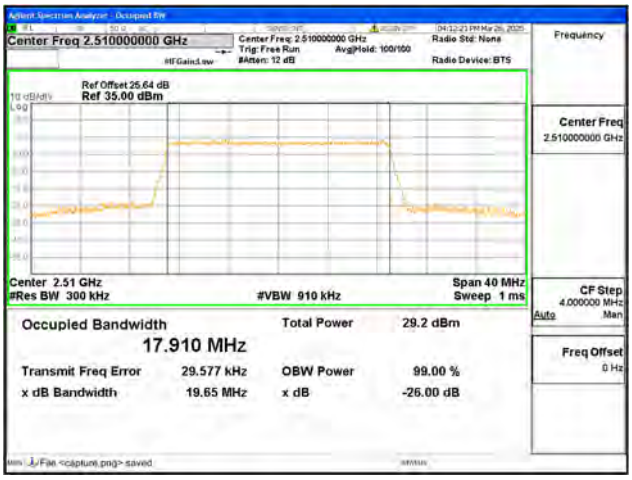
B7 / 15MHz / 16QAM/ Mid CH



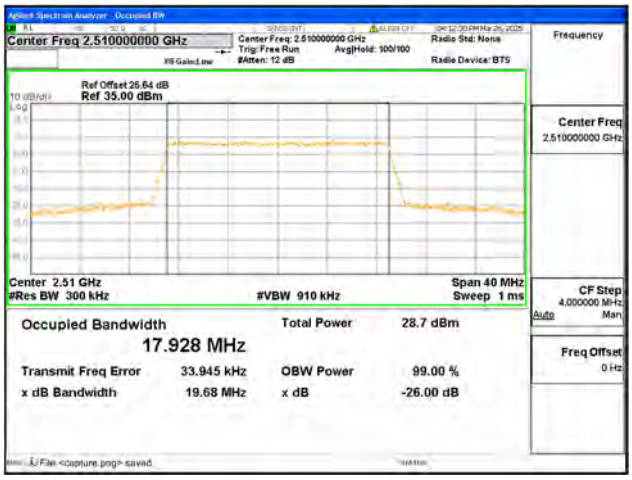
B7 / 15MHz / QPSK/ High CH



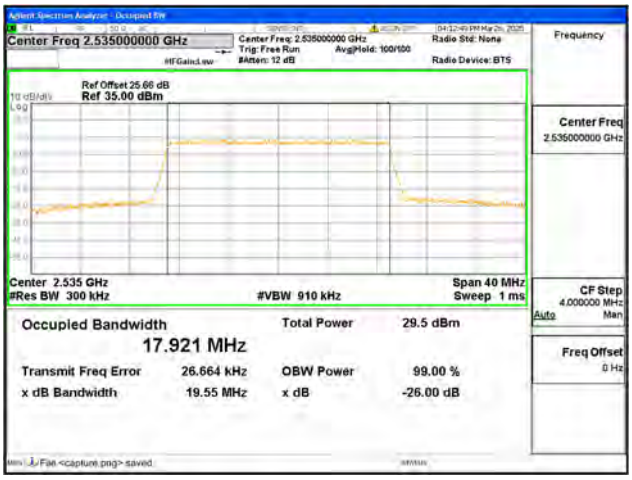
B7 / 15MHz / 16QAM/ High CH



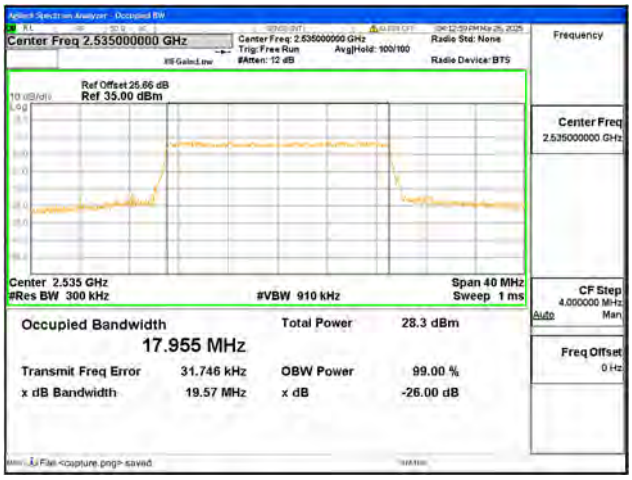
B7 / 20MHz / QPSK/ Low CH



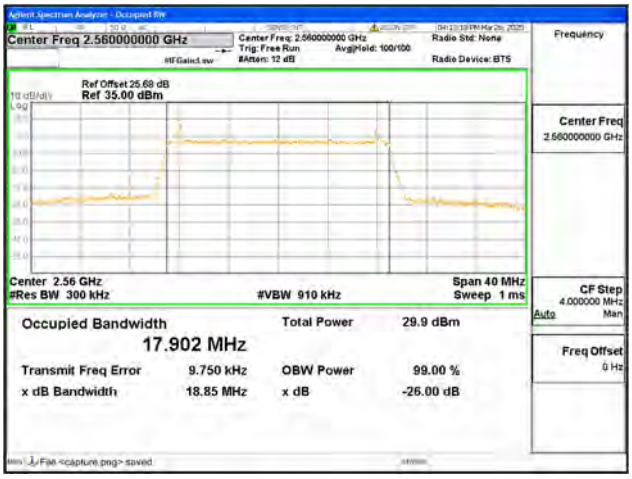
B7 / 20MHz / 16QAM/ Low CH



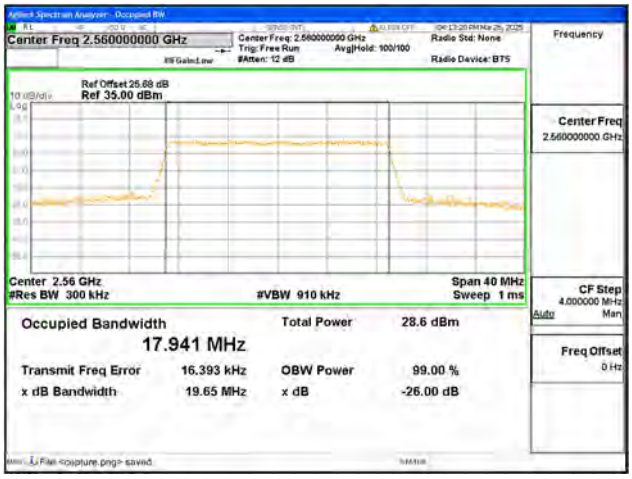
B7 / 20MHz / QPSK/ Mid CH



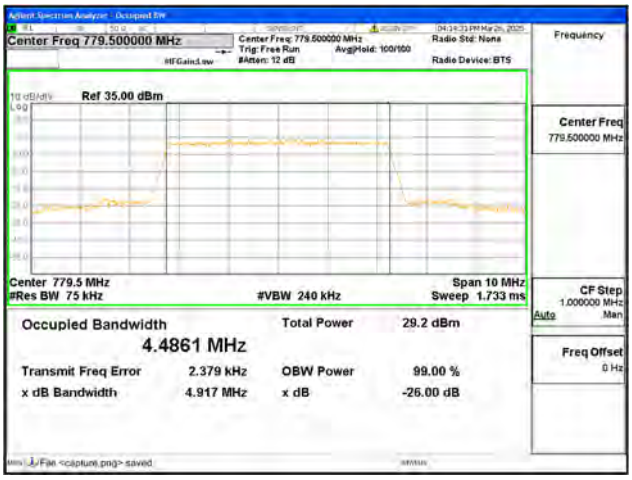
B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / QPSK/ High CH

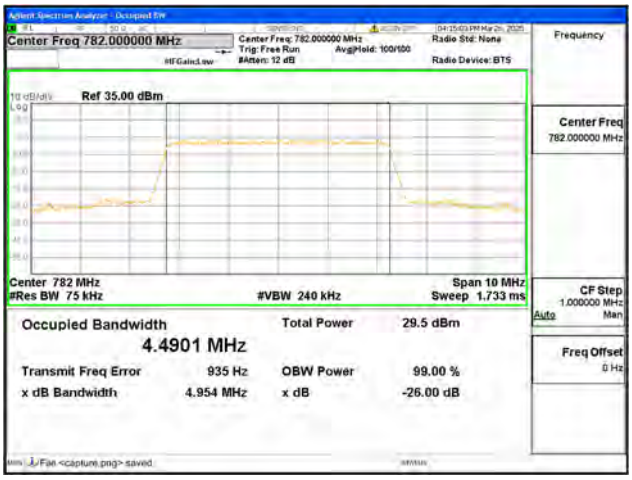


B7 / 20MHz / 16QAM/ High CH

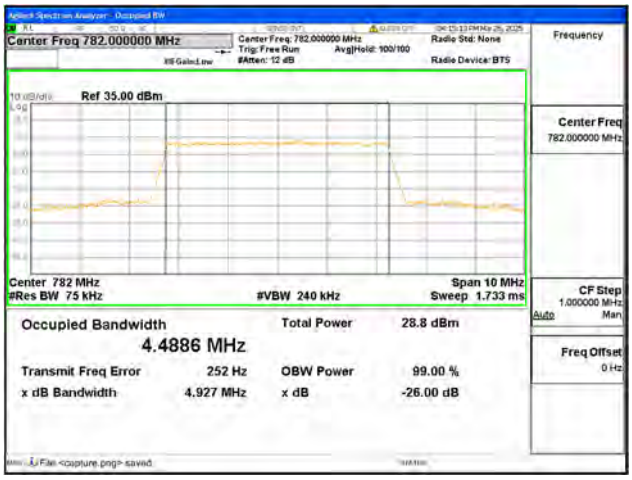


B13 / 5MHz / QPSK/ Low CH

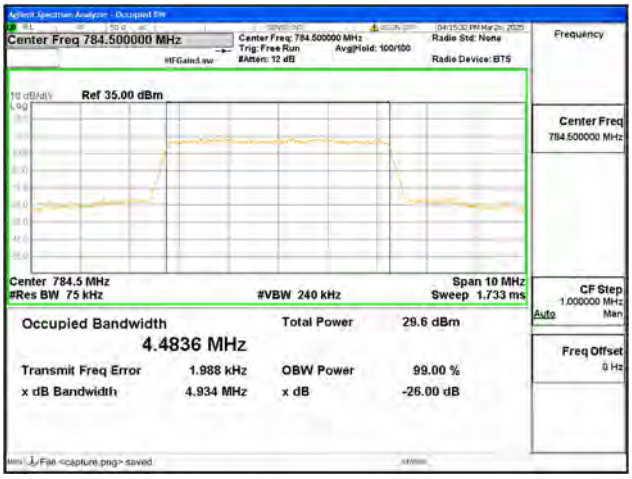
B13 / 5MHz / 16QAM/ Low CH



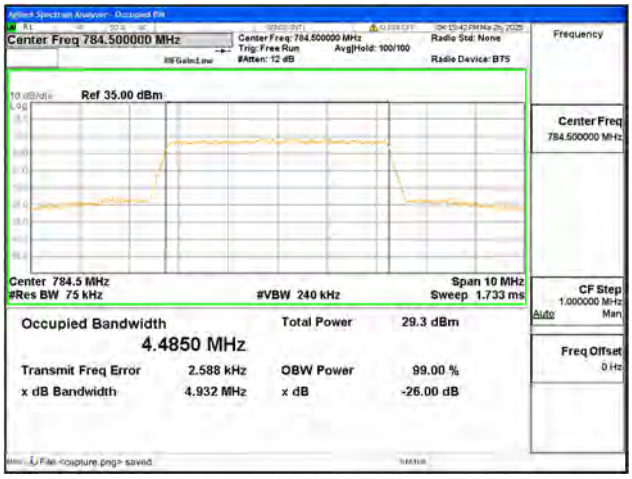
B13 / 5MHz / QPSK/ Mid CH



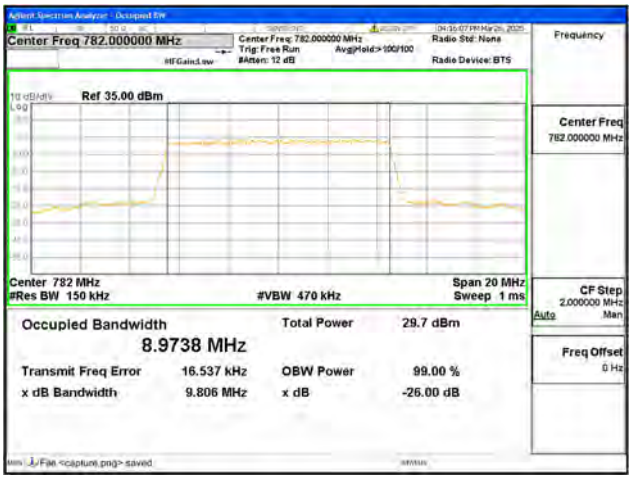
B13 / 5MHz / 16QAM/ Mid CH



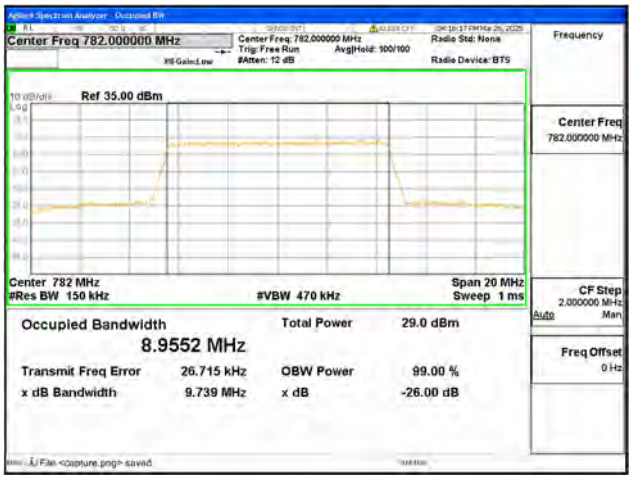
B13 / 5MHz / QPSK/ High CH



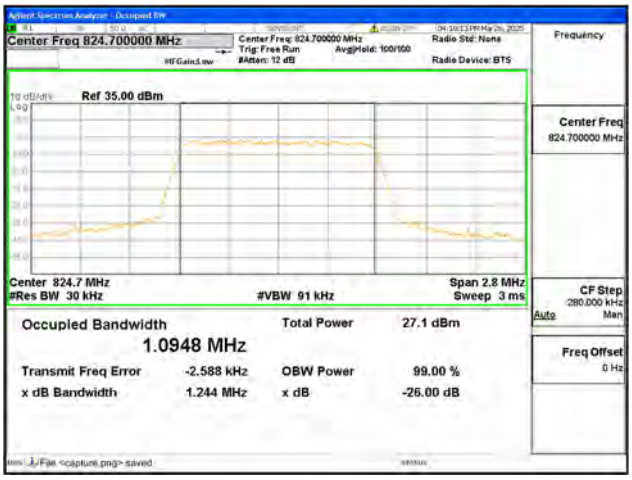
B13 / 5MHz / 16QAM/ High CH



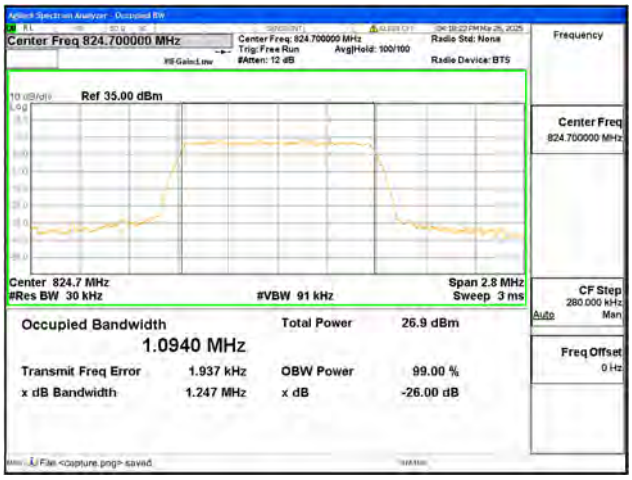
B13 / 10MHz / QPSK/ Mid CH



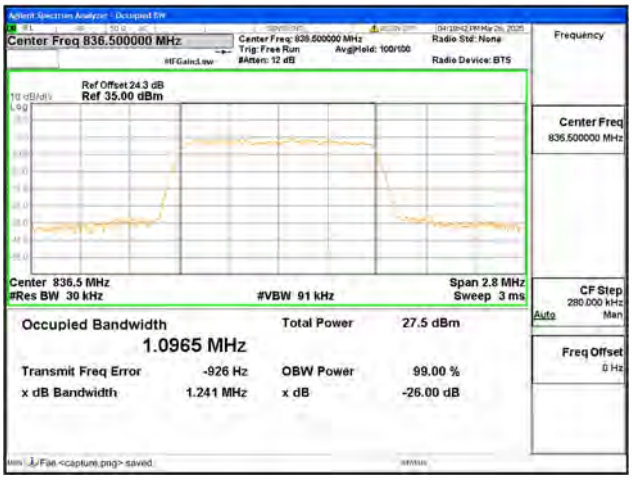
B13 / 10MHz / 16QAM/ Mid CH



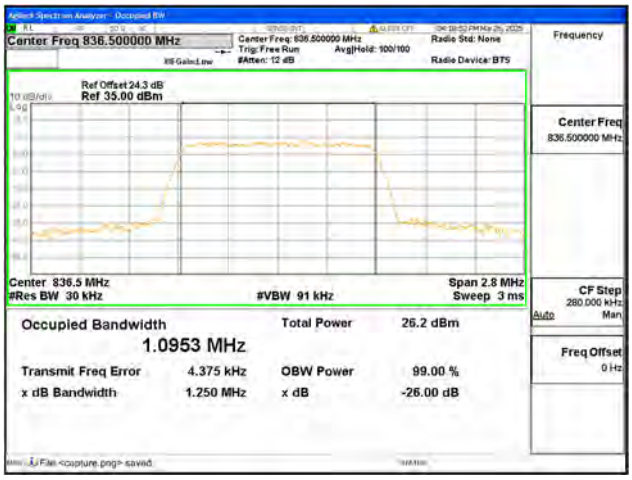
B26 / 1.4MHz / QPSK/ Low CH



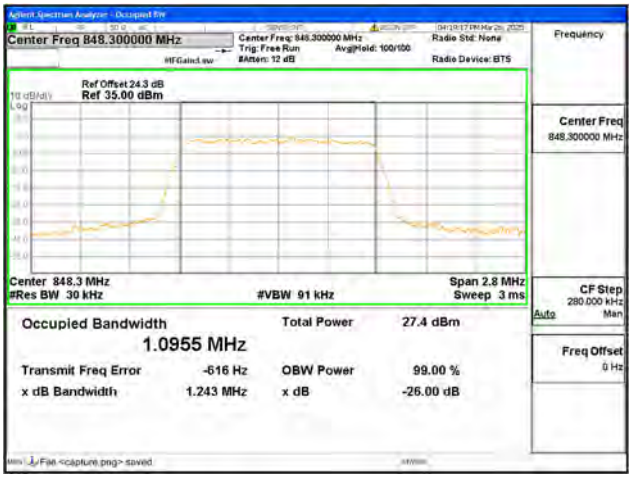
B26 / 1.4MHz / 16QAM/ Low CH



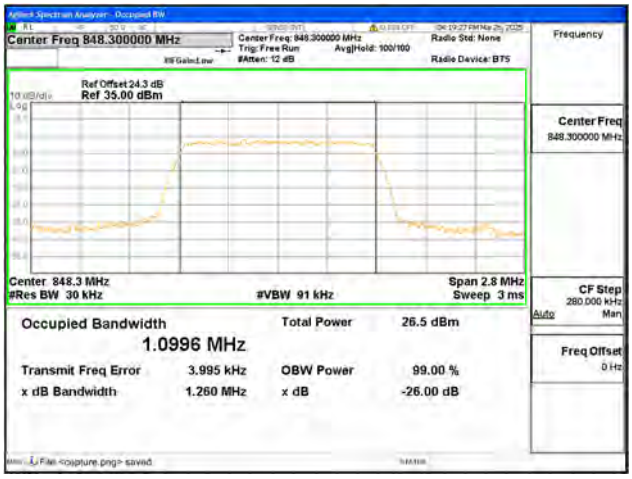
B26 / 1.4MHz / QPSK/ Mid CH



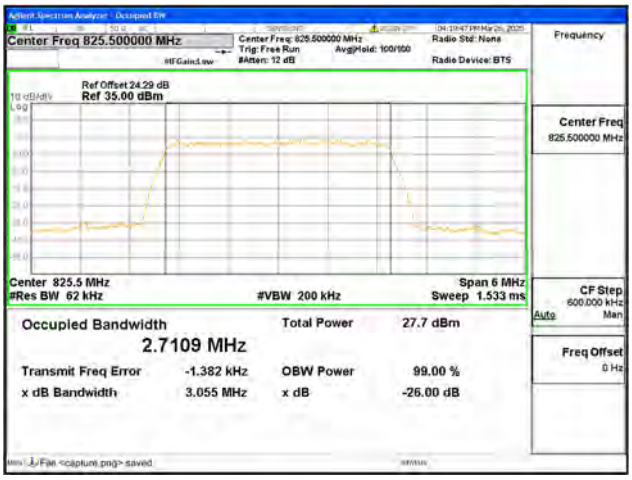
B26 / 1.4MHz / 16QAM/ Mid CH



B26 / 1.4MHz / QPSK/ High CH

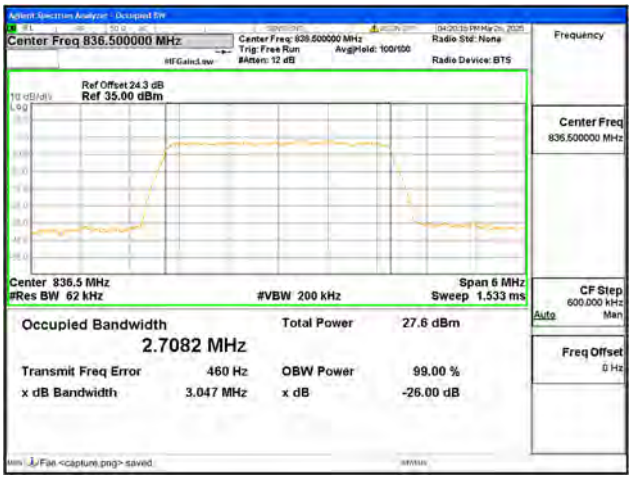


B26 / 1.4MHz / 16QAM/ High CH



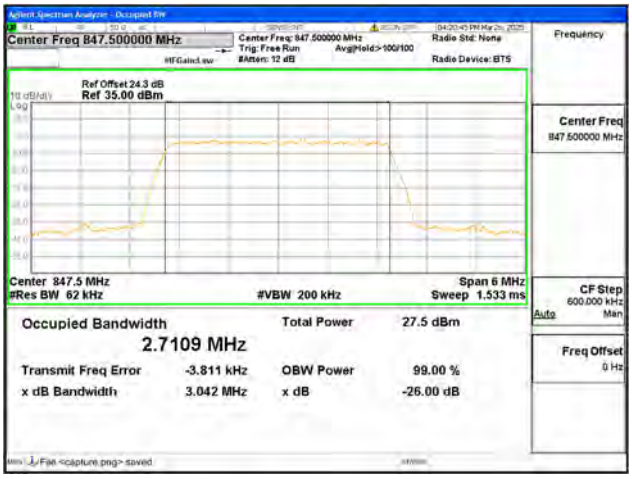
B26 / 3MHz / QPSK/ Low CH

B26 / 3MHz / 16QAM/ Low CH



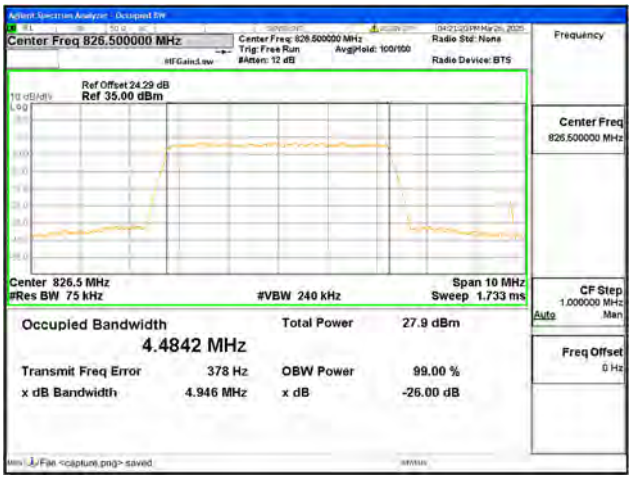
B26 / 3MHz / QPSK/ Mid CH

B26 / 3MHz / 16QAM/ Mid CH

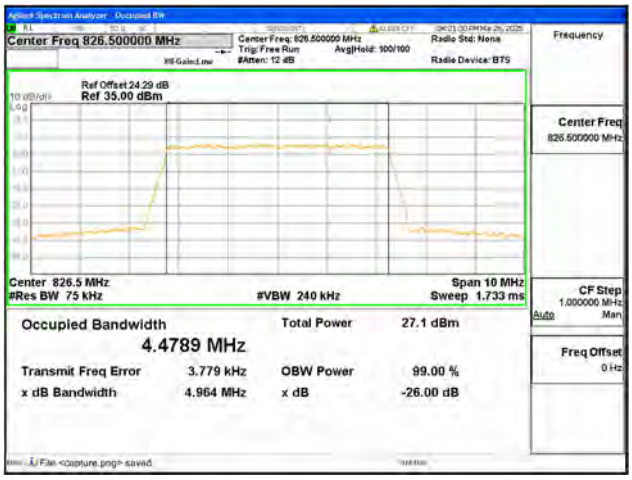


B26 / 3MHz / QPSK/ High CH

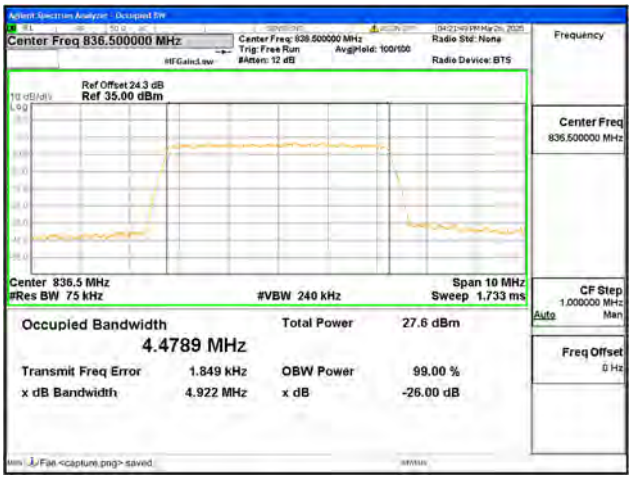
B26 / 3MHz / 16QAM/ High CH



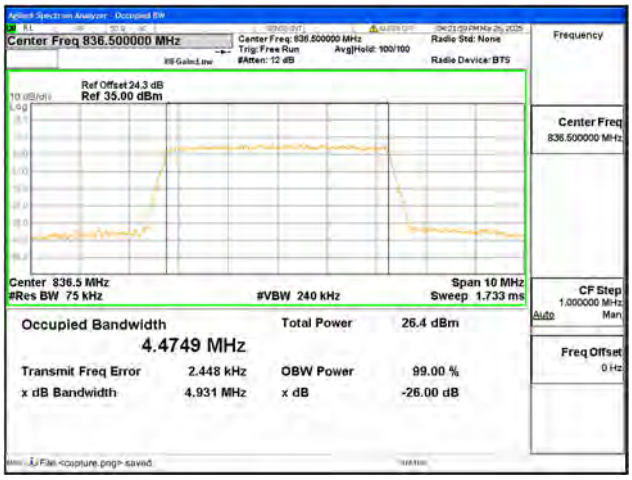
B26 / 5MHz / QPSK/ Low CH



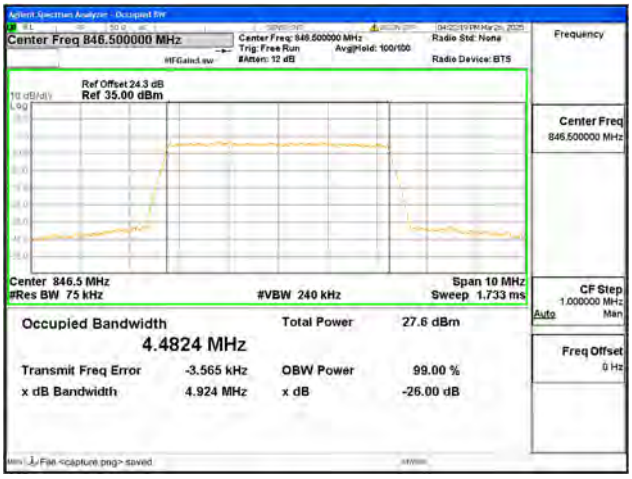
B26 / 5MHz / 16QAM/ Low CH



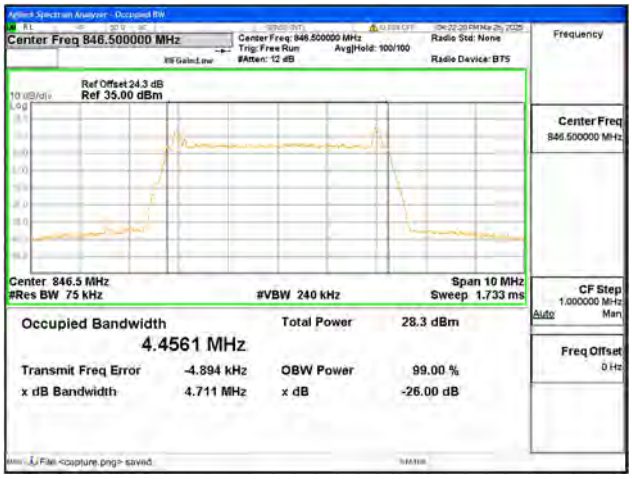
B26 / 5MHz / QPSK/ Mid CH



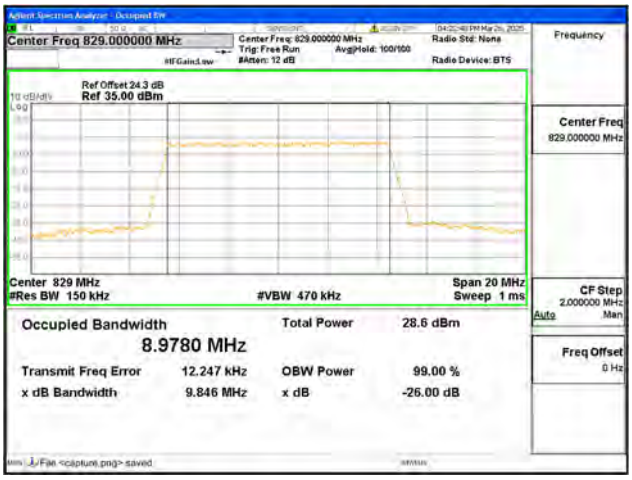
B26 / 5MHz / 16QAM/ Mid CH



B26 / 5MHz / QPSK/ High CH

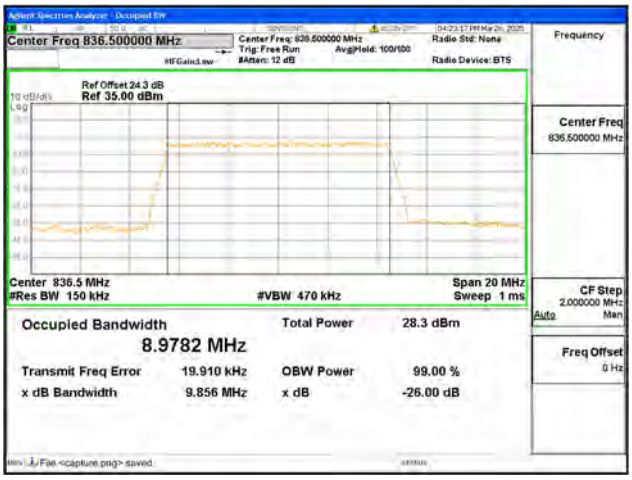


B26 / 5MHz / 16QAM/ High CH

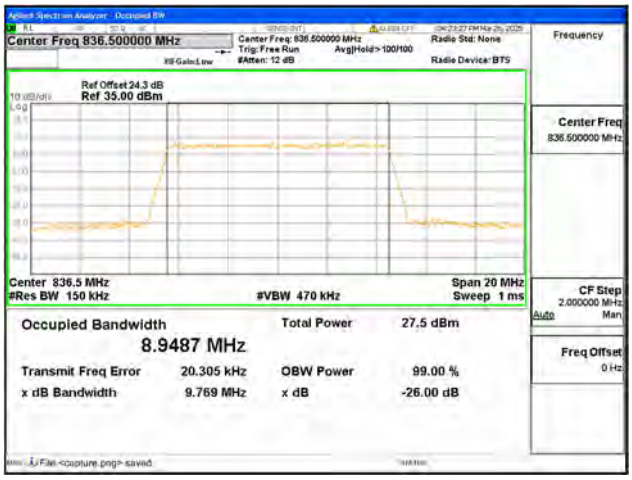


B26 / 10MHz / QPSK/ Low CH

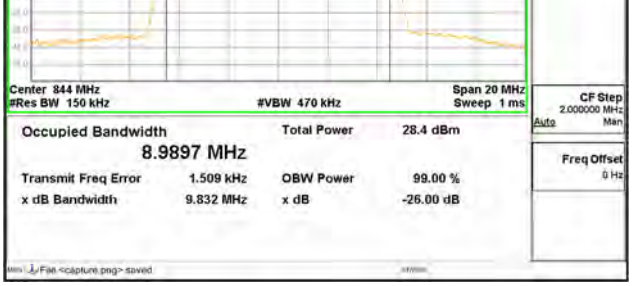
B26 / 10MHz / 16QAM/ Low CH



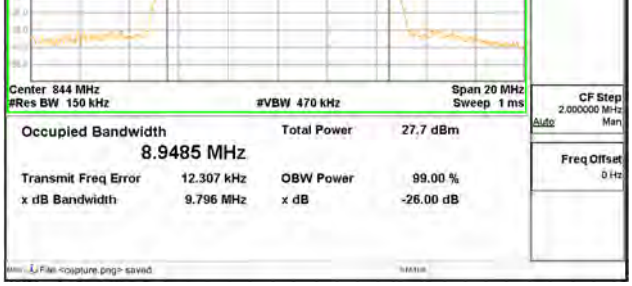
B26 / 10MHz / QPSK/ Mid CH



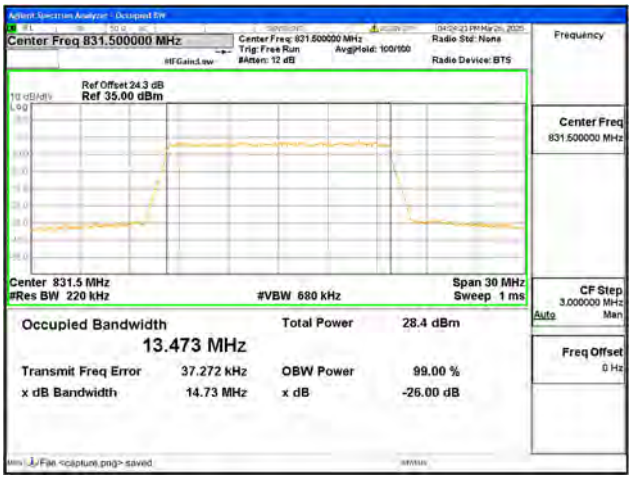
B26 / 10MHz / 16QAM/ Mid CH



B26 / 10MHz / QPSK/ High CH

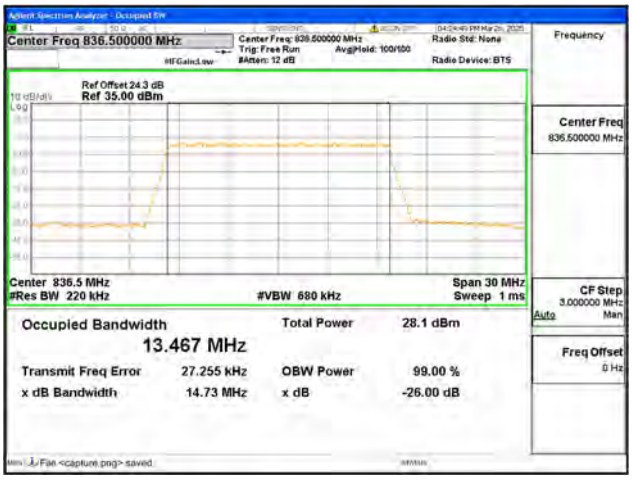


B26 / 10MHz / 16QAM/ High CH

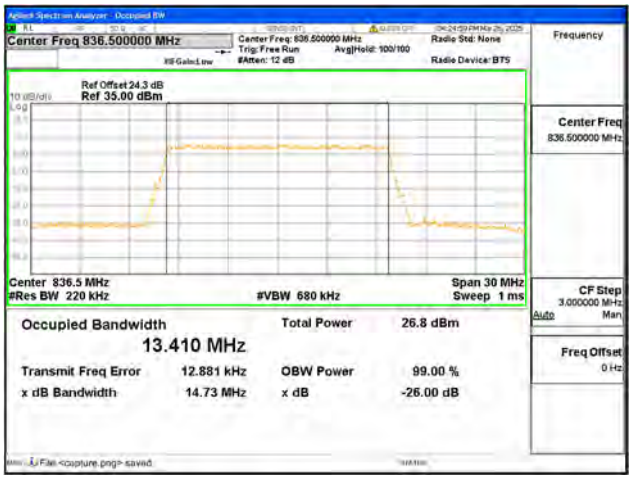


B26 / 15MHz / QPSK/ Low CH

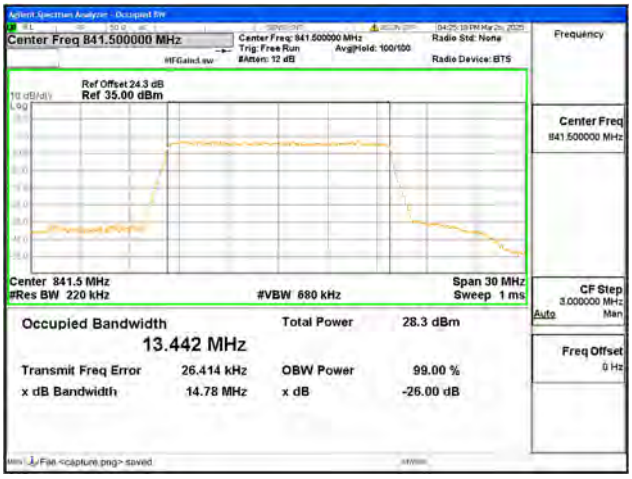
B26 / 15MHz / 16QAM/ Low CH



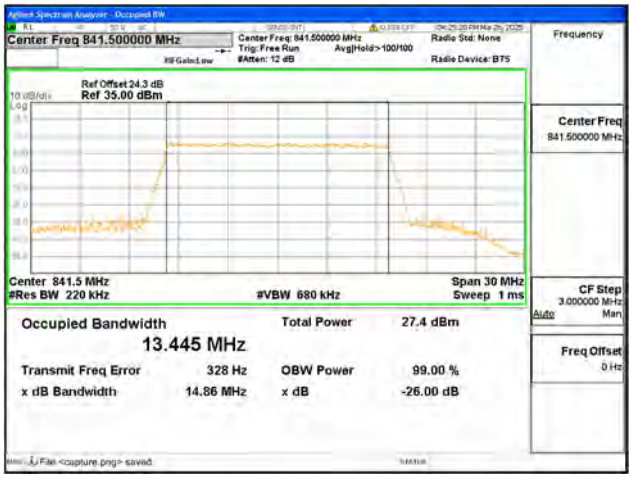
B26 / 15MHz / QPSK/ Mid CH



B26 / 15MHz / 16QAM/ Mid CH

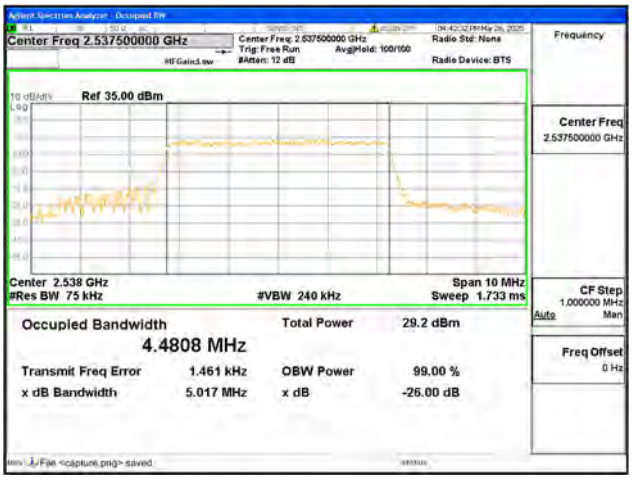


B26 / 15MHz / QPSK/ High CH

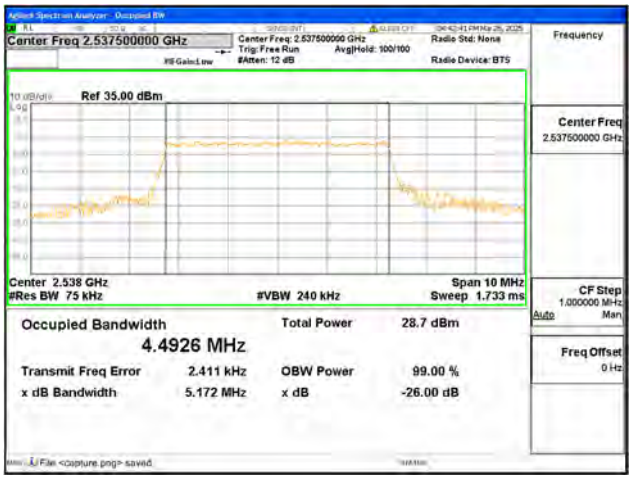


B26 / 15MHz / 16QAM/ High CH

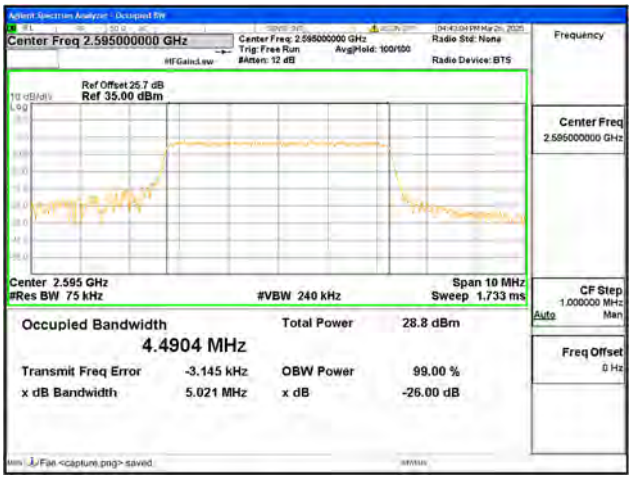
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.4884	4.9415	PASS
B38	5	Low	37775	2572.5	16QAM	4.4890	5.0610	PASS
B38	5	Mid	38000	2595	QPSK	4.4837	5.0456	PASS
B38	5	Mid	38000	2595	16QAM	4.4908	5.2111	PASS
B38	5	High	38225	2617.5	QPSK	4.4814	5.0080	PASS
B38	5	High	38225	2617.5	16QAM	4.4896	5.0787	PASS
B38	10	Low	37800	2575	QPSK	8.9732	9.8257	PASS
B38	10	Low	37800	2575	16QAM	8.9485	9.8192	PASS
B38	10	Mid	38000	2595	QPSK	8.9652	9.9294	PASS
B38	10	Mid	38000	2595	16QAM	8.9566	10.0546	PASS
B38	10	High	38200	2615	QPSK	8.9596	9.9175	PASS
B38	10	High	38200	2615	16QAM	8.9474	9.7107	PASS
B38	15	Low	37825	2577.5	QPSK	13.450	14.830	PASS
B38	15	Low	37825	2577.5	16QAM	13.418	14.841	PASS
B38	15	Mid	38000	2595	QPSK	13.451	14.770	PASS
B38	15	Mid	38000	2595	16QAM	13.438	14.899	PASS
B38	15	High	38175	2612.5	QPSK	13.448	14.772	PASS
B38	15	High	38175	2612.5	16QAM	13.442	14.851	PASS
B38	20	Low	37850	2580	QPSK	17.903	19.700	PASS
B38	20	Low	37850	2580	16QAM	17.856	19.575	PASS
B38	20	Mid	38000	2595	QPSK	17.942	19.447	PASS
B38	20	Mid	38000	2595	16QAM	17.918	19.458	PASS
B38	20	High	38150	2610	QPSK	17.907	19.308	PASS
B38	20	High	38150	2610	16QAM	17.906	19.514	PASS



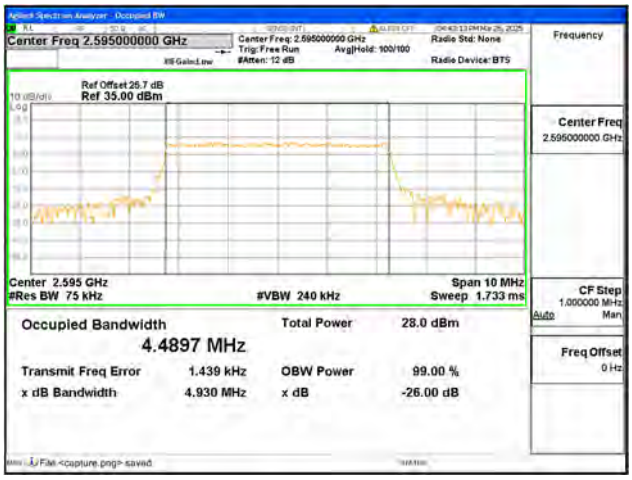
B41 / 5MHz / QPSK/ Low CH



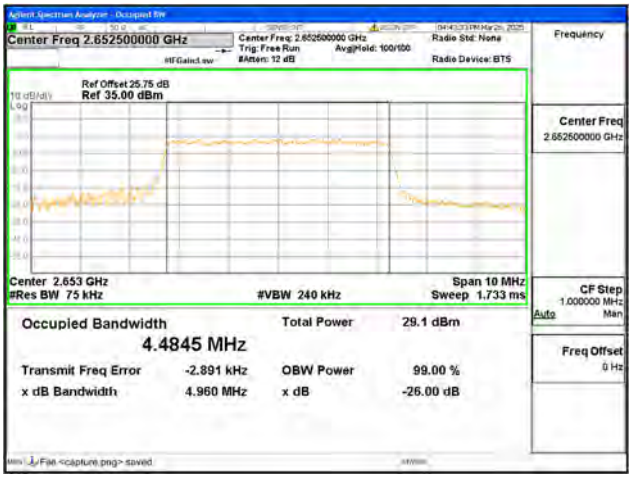
B41 / 5MHz / 16QAM/ Low CH



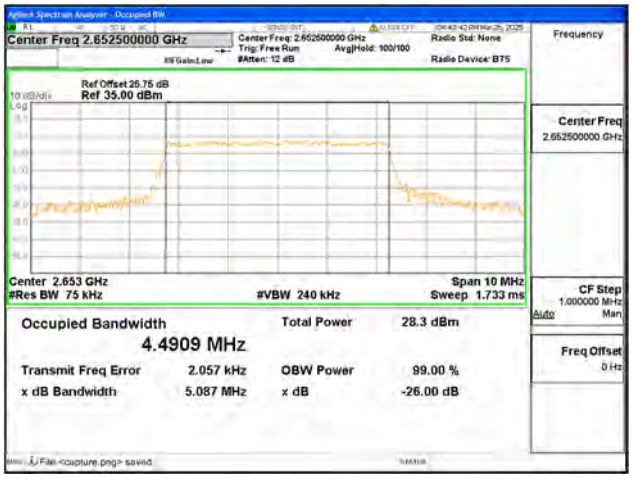
B41 / 5MHz / QPSK/ Mid CH



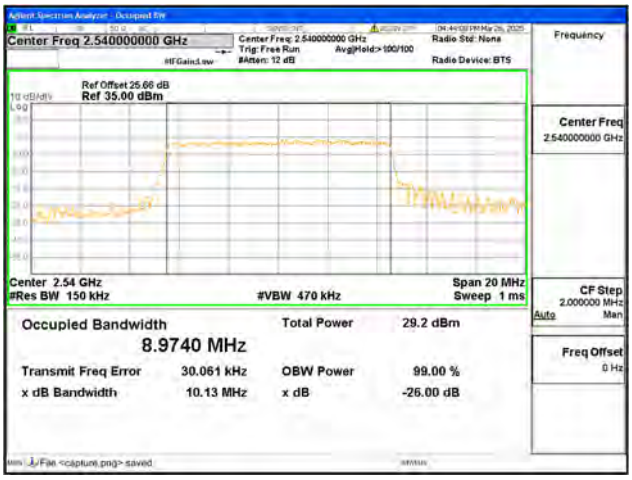
B41 / 5MHz / 16QAM/ Mid CH



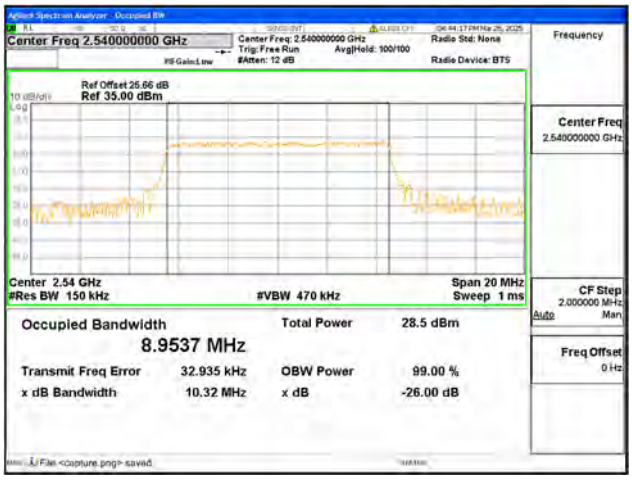
B41 / 5MHz / QPSK/ High CH



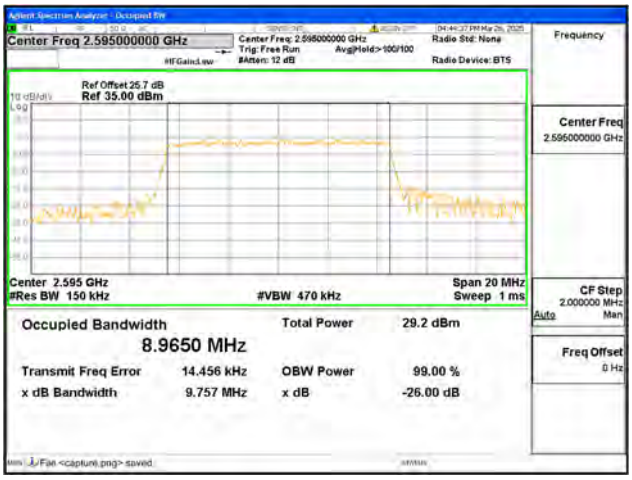
B41 / 5MHz / 16QAM/ High CH



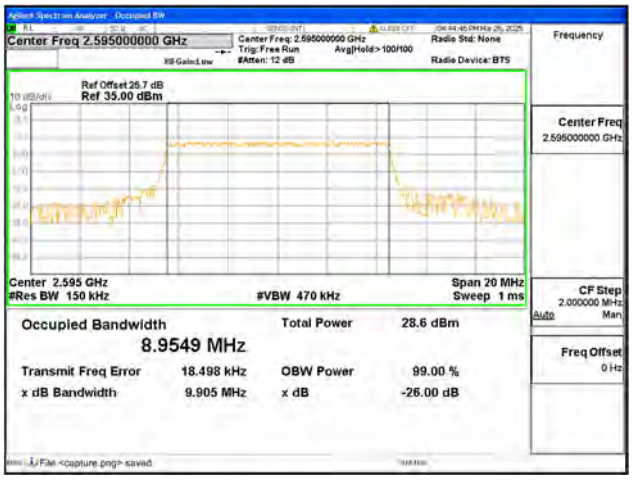
B41 / 10MHz / QPSK/ Low CH



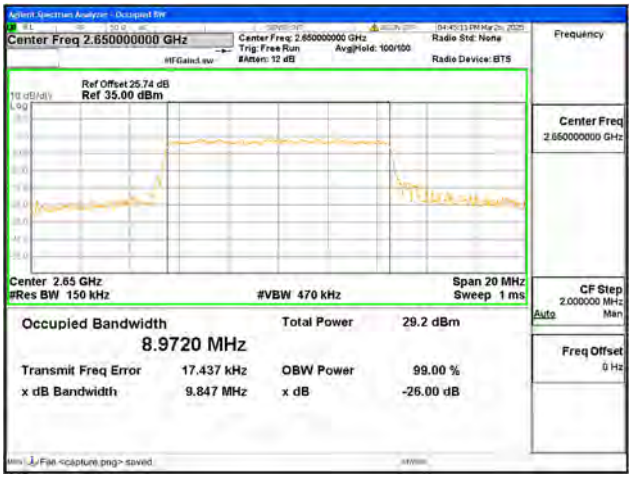
B41 / 10MHz / 16QAM/ Low CH



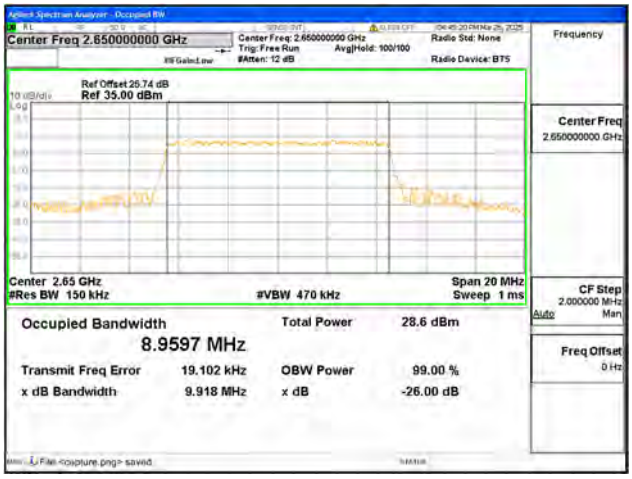
B41 / 10MHz / QPSK/ Mid CH



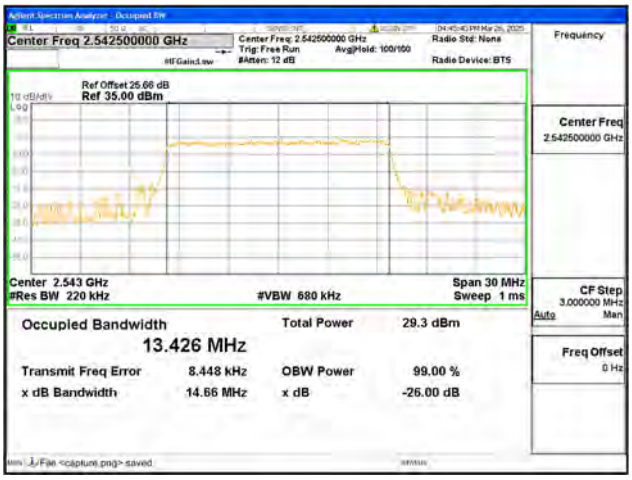
B41 / 10MHz / 16QAM/ Mid CH



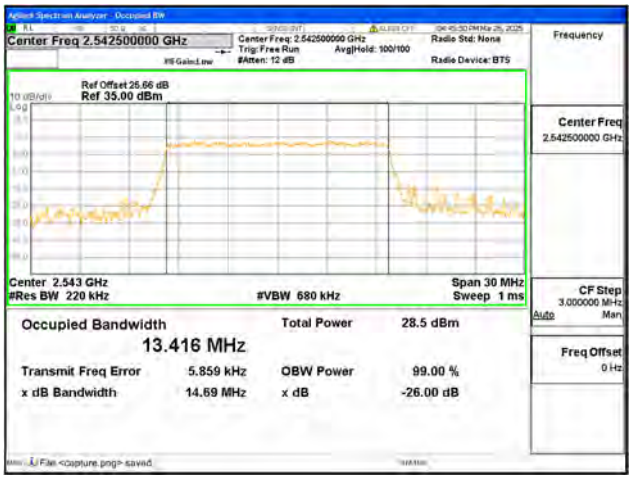
B41 / 10MHz / QPSK/ High CH



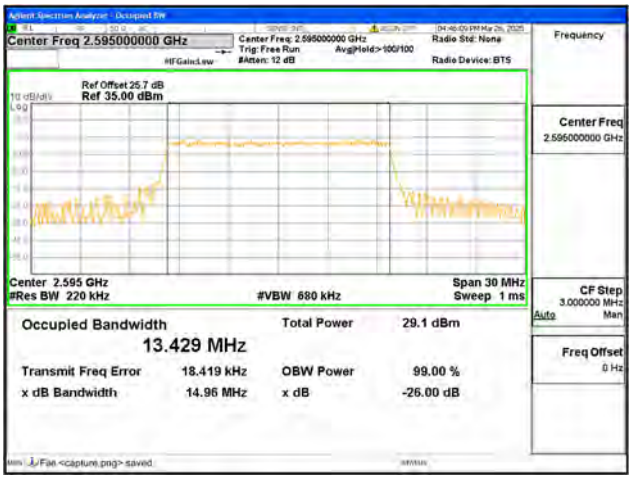
B41 / 10MHz / 16QAM/ High CH



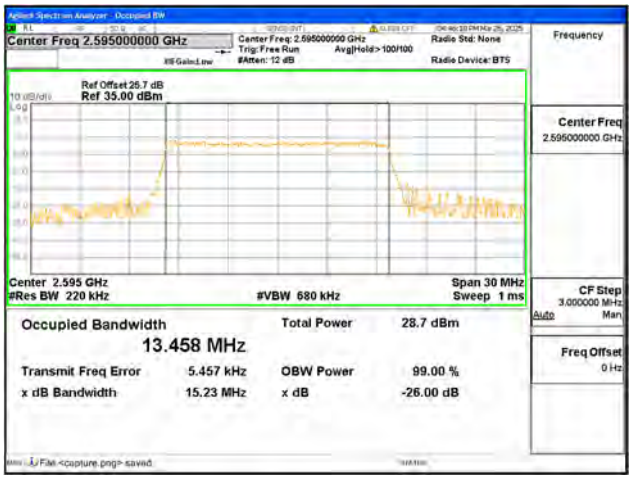
B41 / 15MHz / QPSK/ Low CH



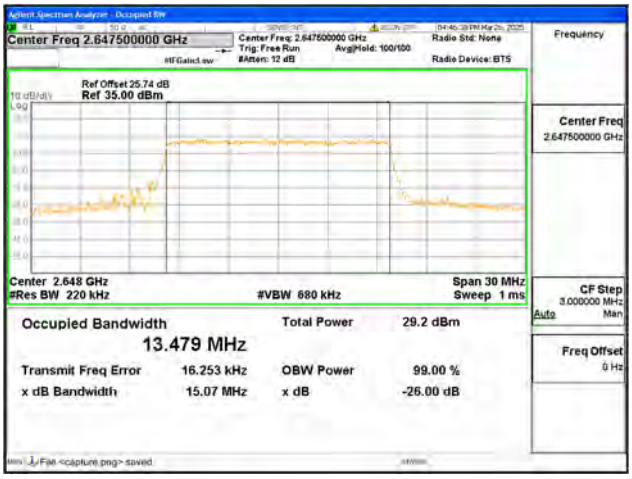
B41 / 15MHz / 16QAM/ Low CH



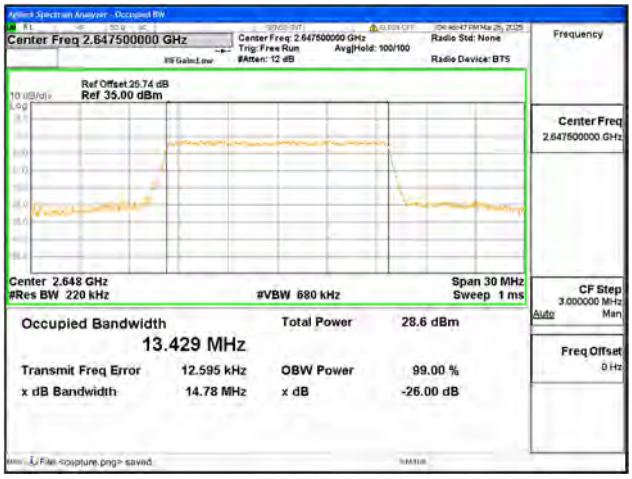
B41 / 15MHz / QPSK/ Mid CH



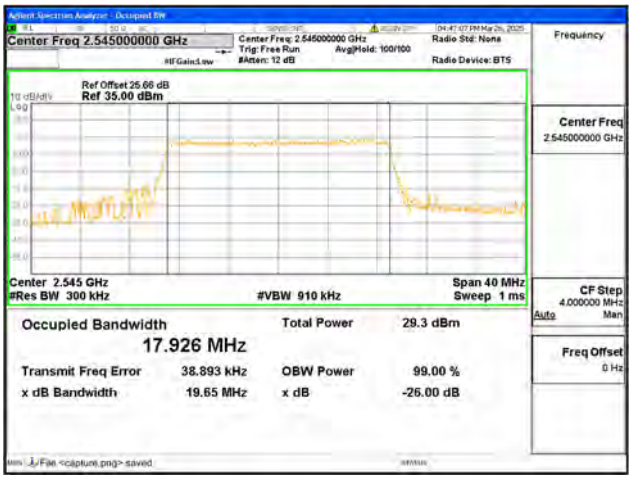
B41 / 15MHz / 16QAM/ Mid CH



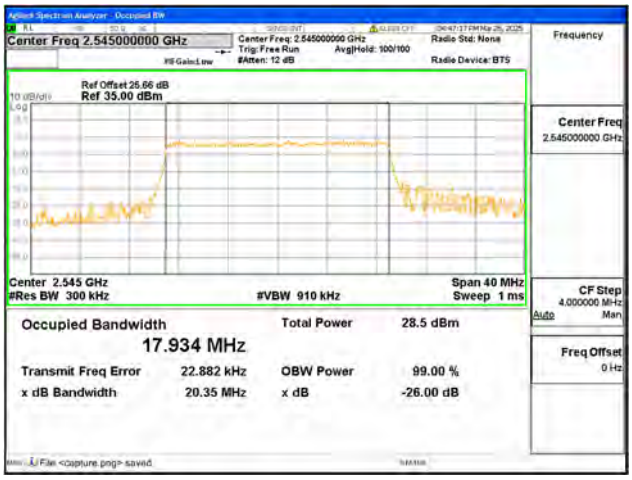
B41 / 15MHz / QPSK/ High CH



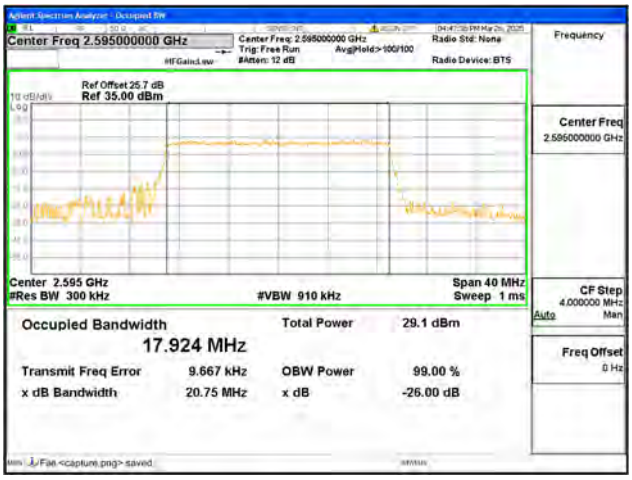
B41 / 15MHz / 16QAM/ High CH



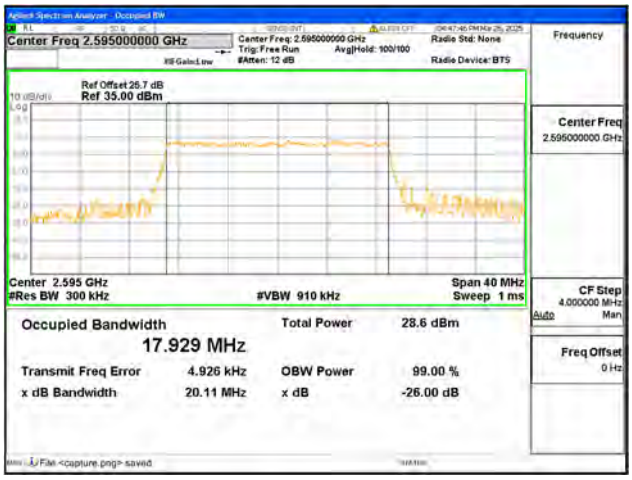
B41 / 20MHz / QPSK/ Low CH



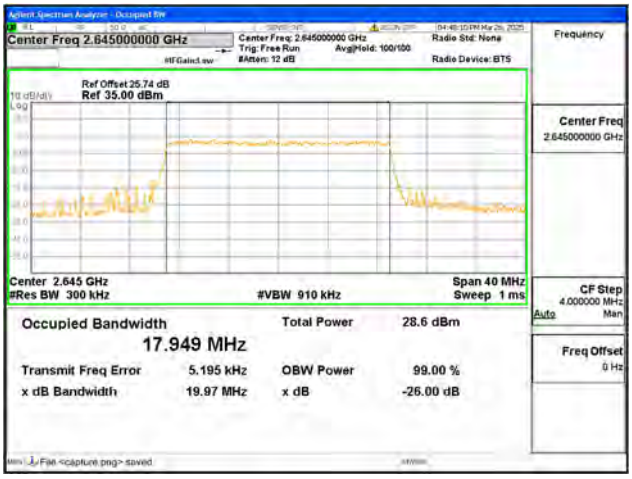
B41 / 20MHz / 16QAM/ Low CH



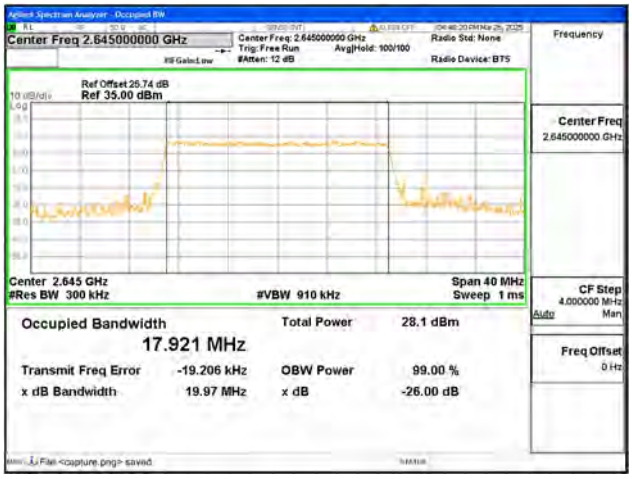
B41 / 20MHz / QPSK/ Mid CH



B41 / 20MHz / 16QAM/ Mid CH

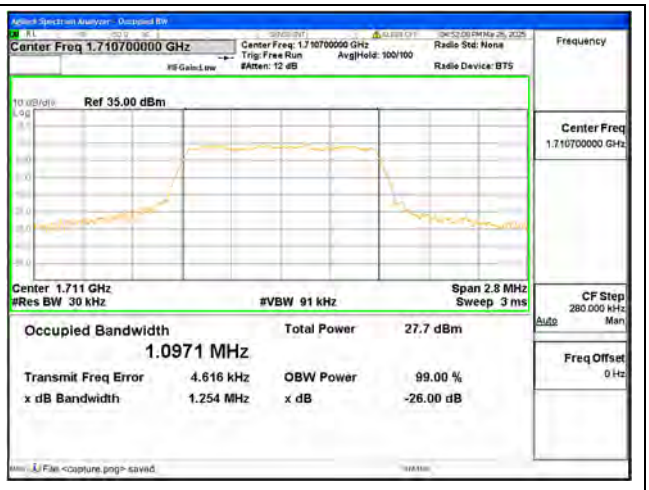


B41 / 20MHz / QPSK/ High CH

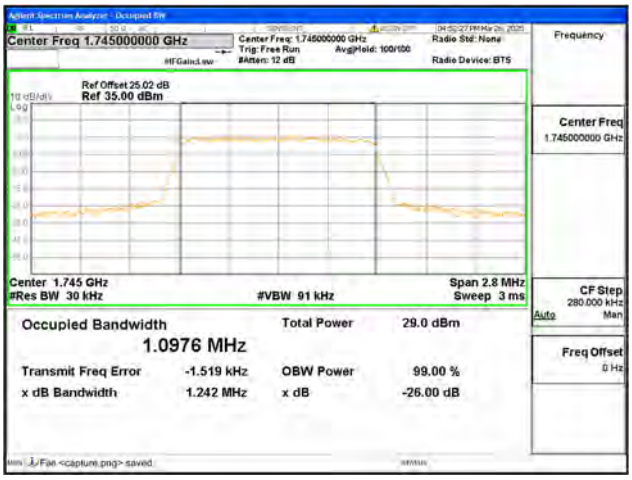


B41 / 20MHz / 16QAM/ High CH

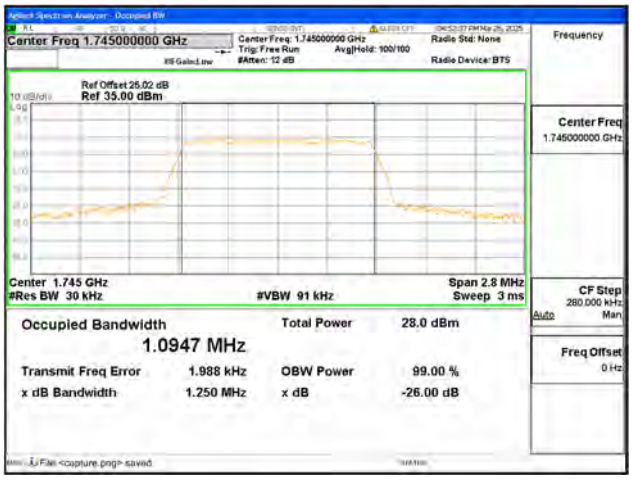
B66 / 1.4MHz / QPSK/ Low CH



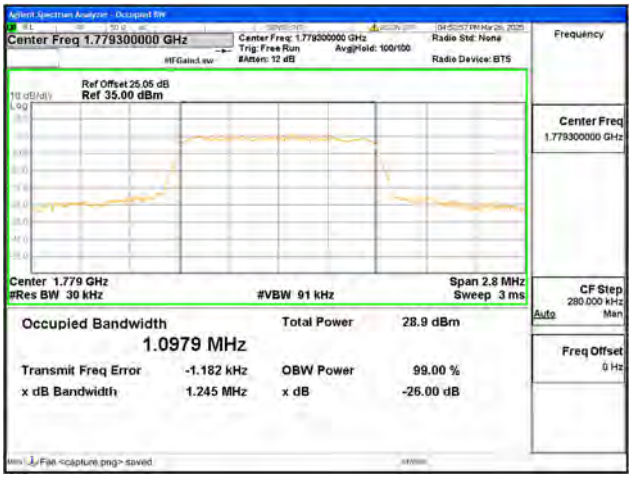
B66 / 1.4MHz / 16QAM/ Low CH



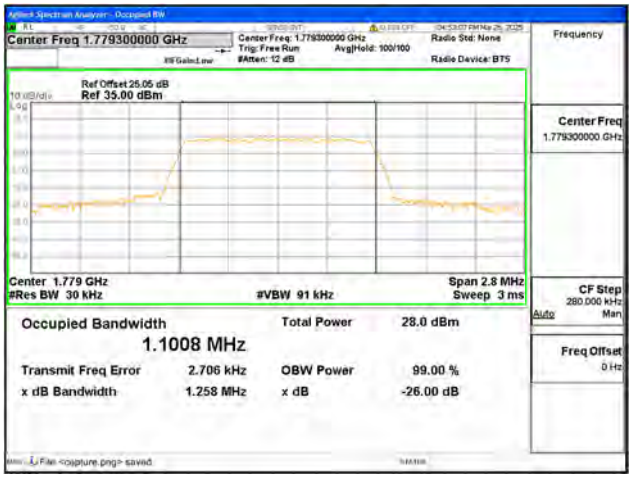
B66 / 1.4MHz / QPSK/ Mid CH



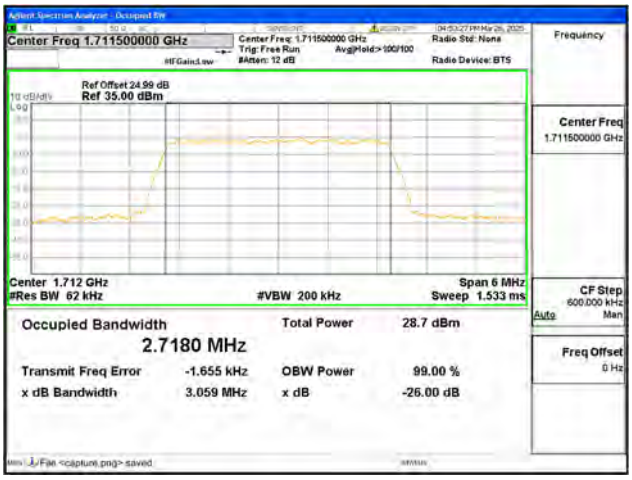
B66 / 1.4MHz / 16QAM/ Mid CH



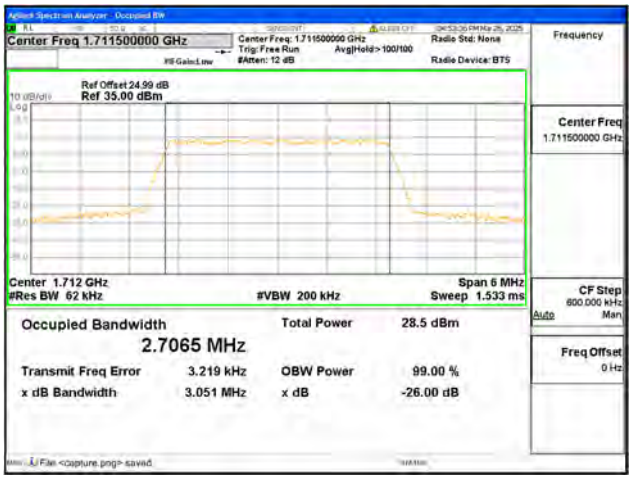
B66 / 1.4MHz / QPSK/ High CH



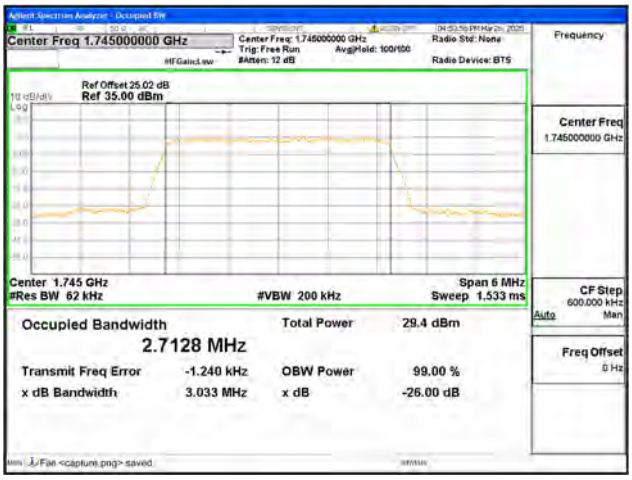
B66 / 1.4MHz / 16QAM/ High CH



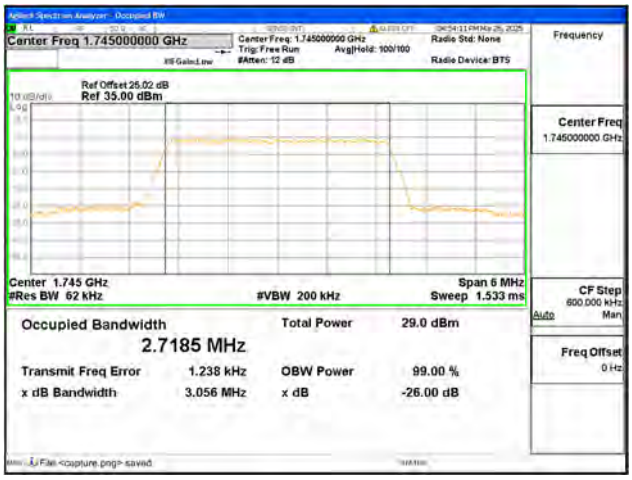
B66 / 3MHz / QPSK/ Low CH



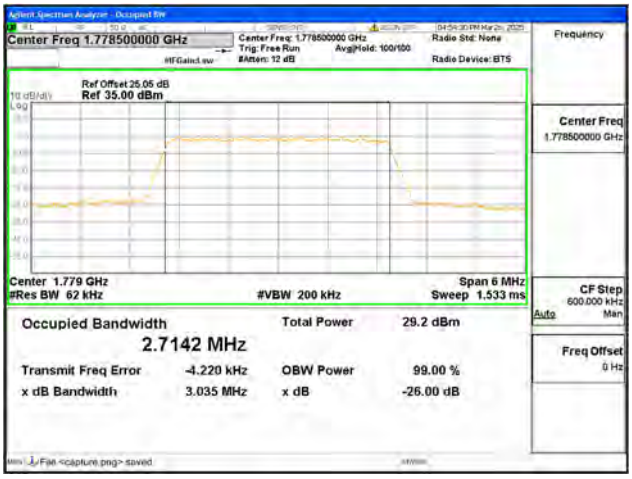
B66 / 3MHz / 16QAM/ Low CH



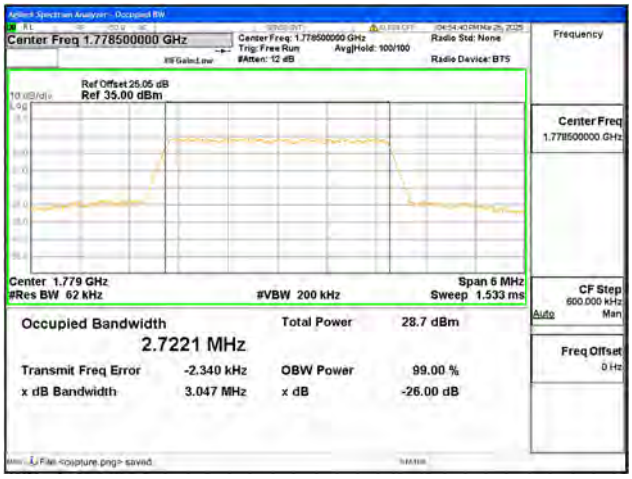
B66 / 3MHz / QPSK/ Mid CH



B66 / 3MHz / 16QAM/ Mid CH

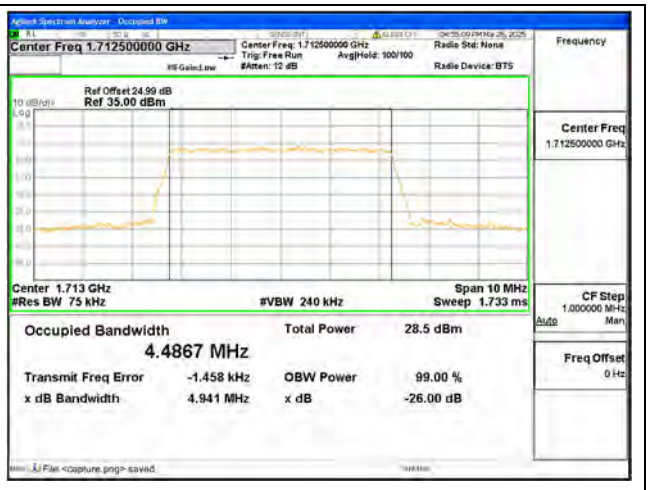


B66 / 3MHz / QPSK/ High CH

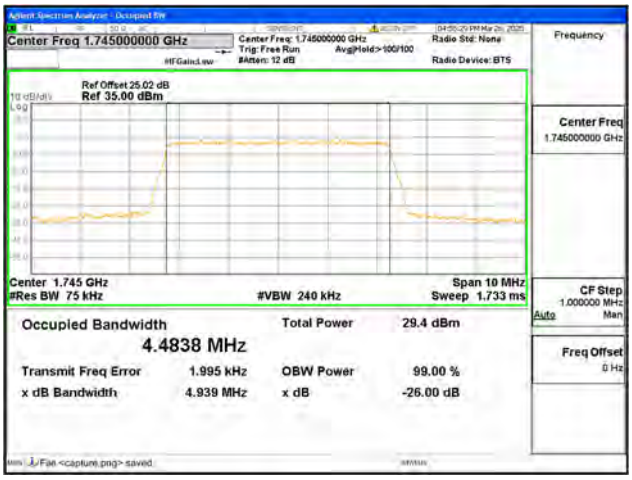


B66 / 3MHz / 16QAM/ High CH

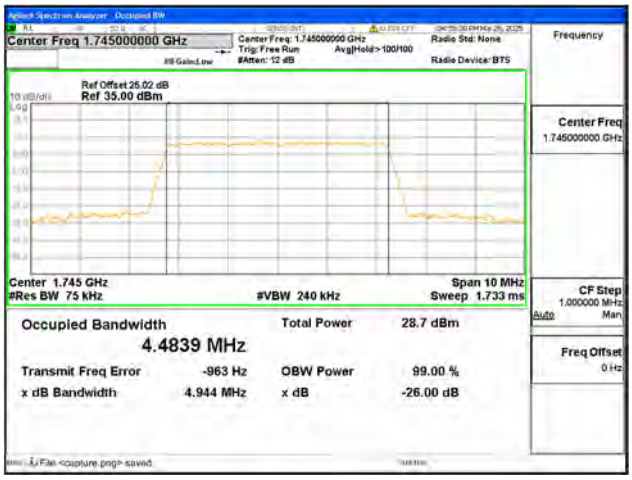
B66 / 5MHz / QPSK/ Low CH



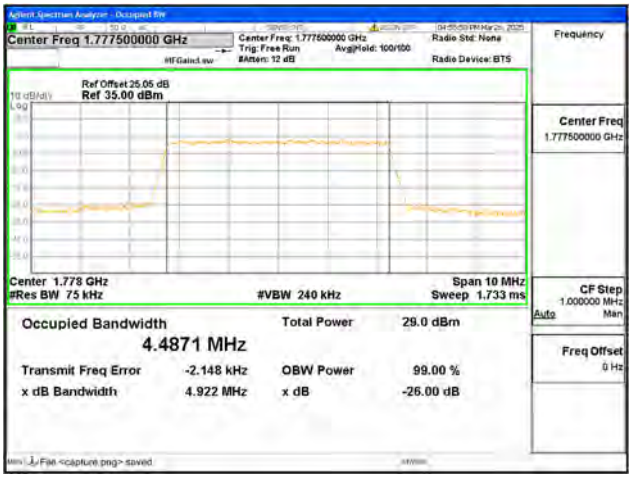
B66 / 5MHz / 16QAM/ Low CH



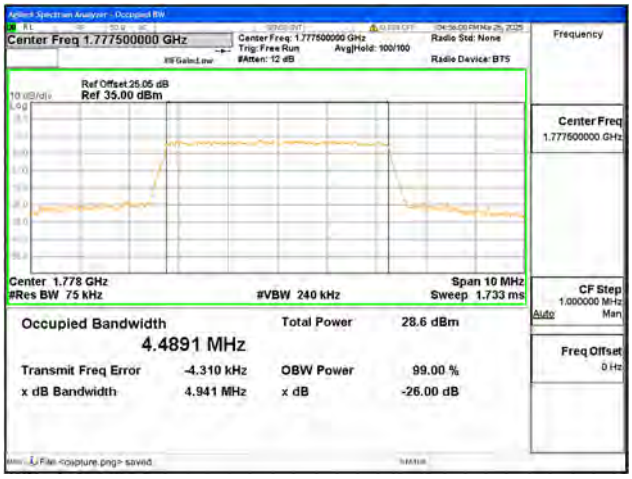
B66 / 5MHz / QPSK/ Mid CH



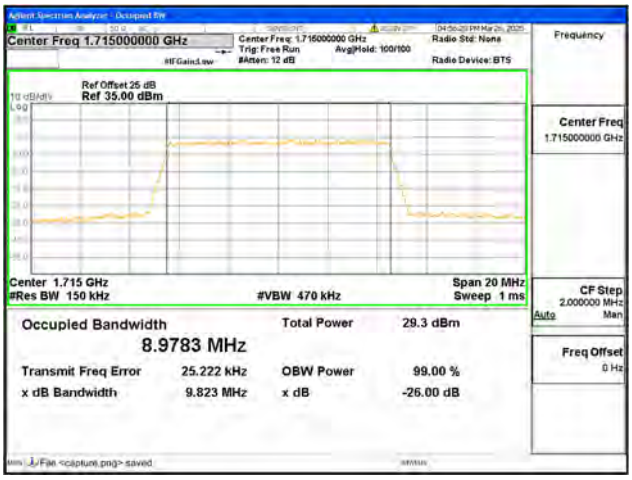
B66 / 5MHz / 16QAM/ Mid CH



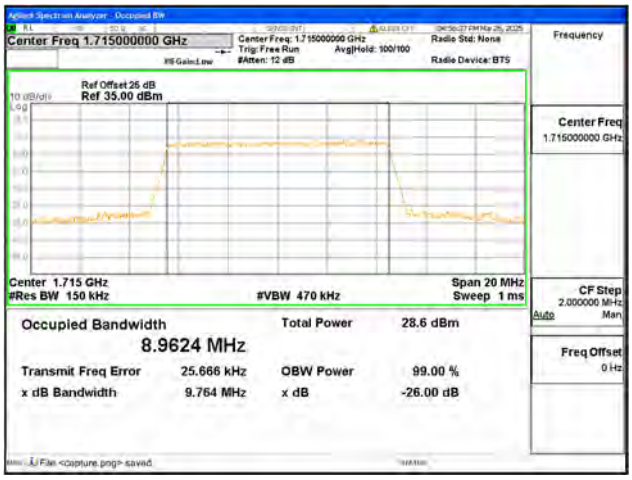
B66 / 5MHz / QPSK/ High CH



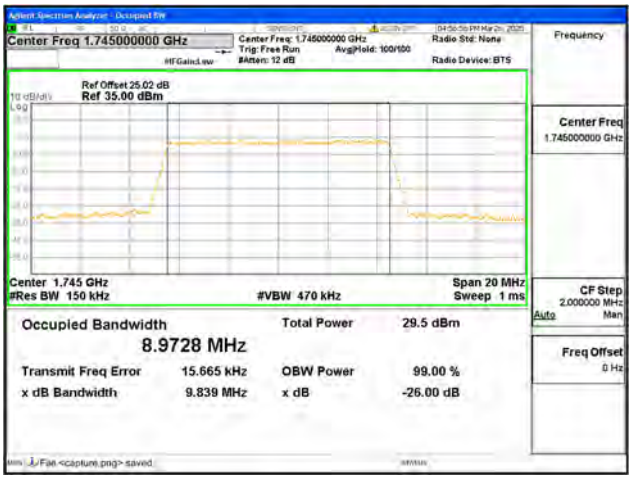
B66 / 5MHz / 16QAM/ High CH



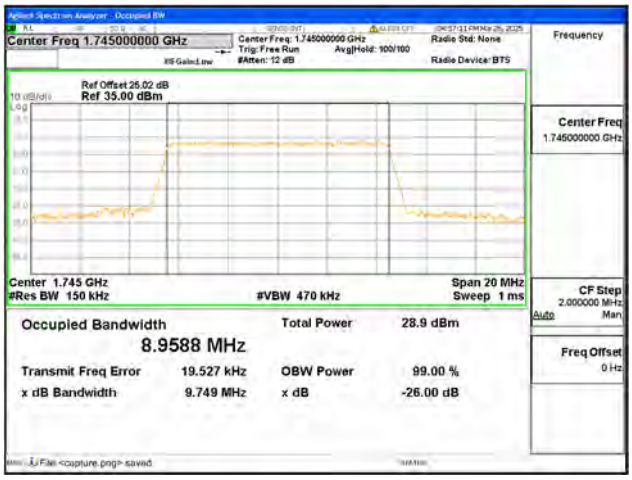
B66 / 10MHz / QPSK/ Low CH



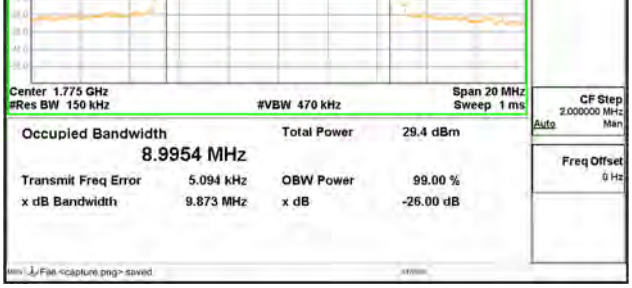
B66 / 10MHz / 16QAM/ Low CH



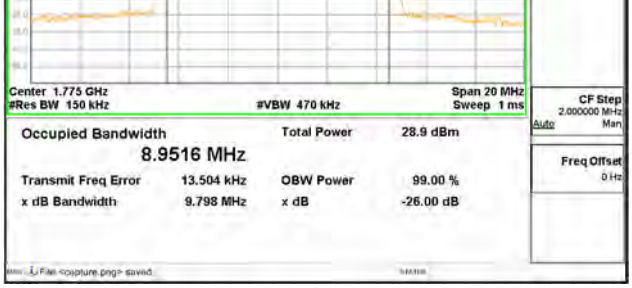
B66 / 10MHz / QPSK/ Mid CH



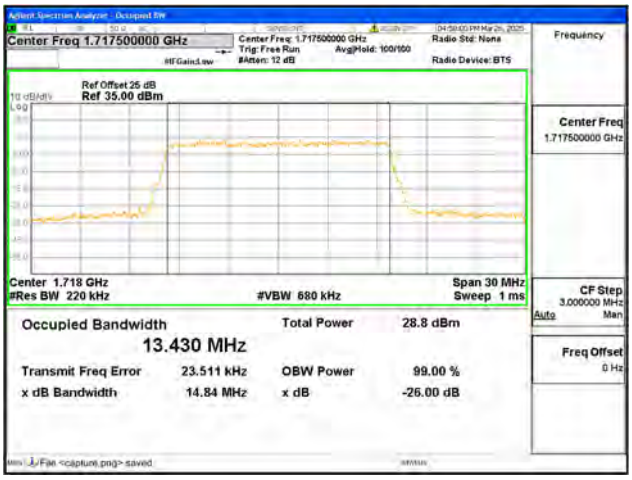
B66 / 10MHz / 16QAM/ Mid CH



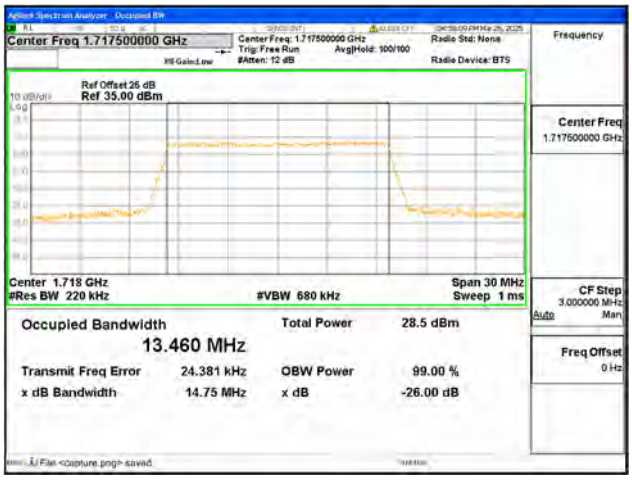
B66 / 10MHz / QPSK/ High CH



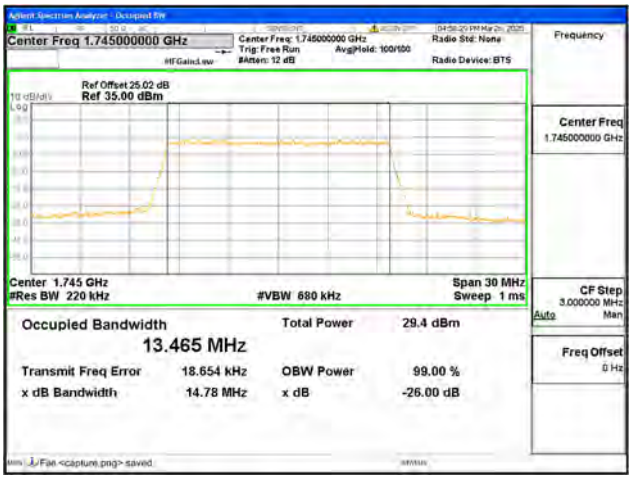
B66 / 10MHz / 16QAM/ High CH



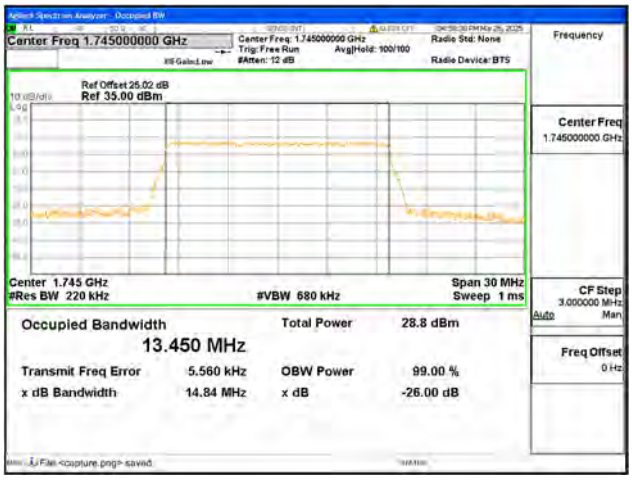
B66 / 15MHz / QPSK/ Low CH



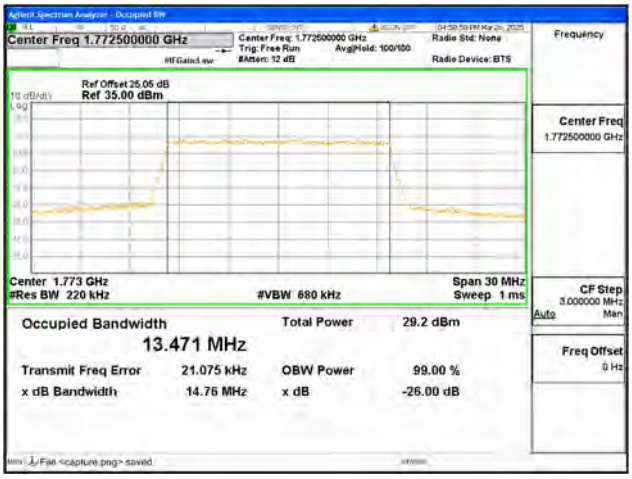
B66 / 15MHz / 16QAM/ Low CH



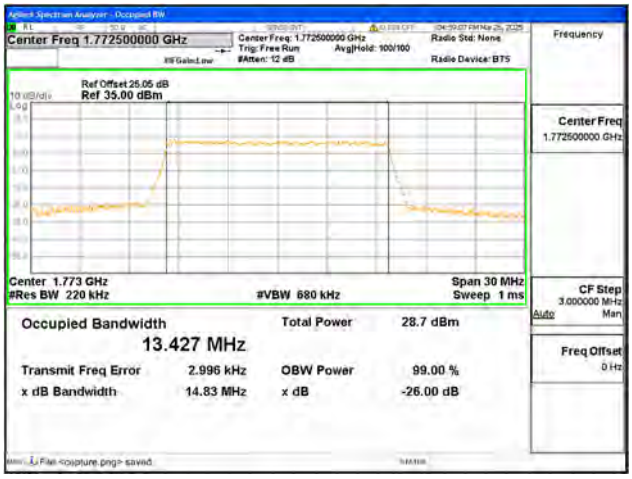
B66 / 15MHz / QPSK/ Mid CH



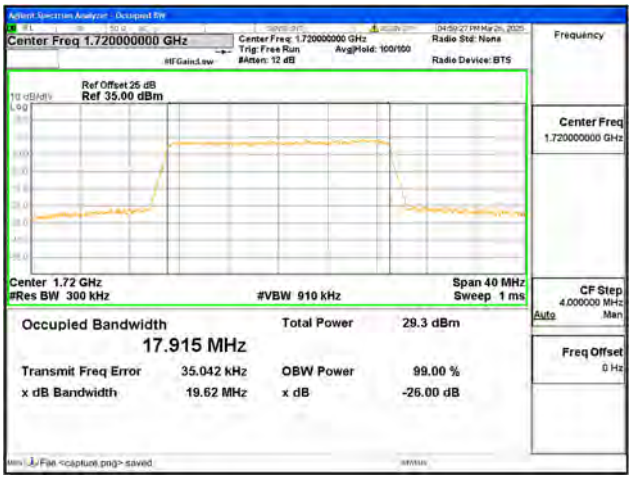
B66 / 15MHz / 16QAM/ Mid CH



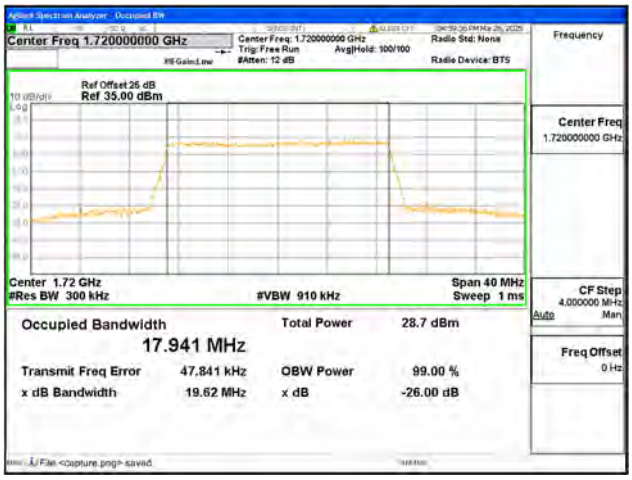
B66 / 15MHz / QPSK/ High CH



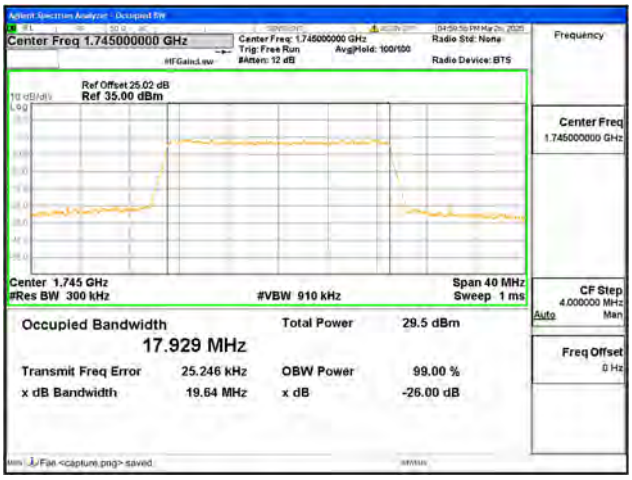
B66 / 15MHz / 16QAM/ High CH



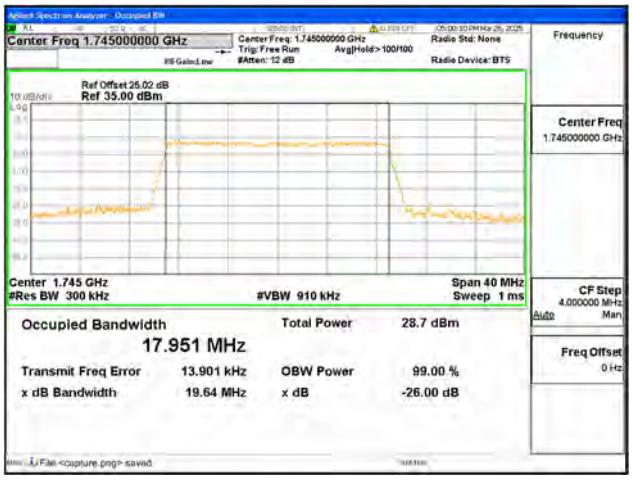
B66 / 20MHz / QPSK/ Low CH



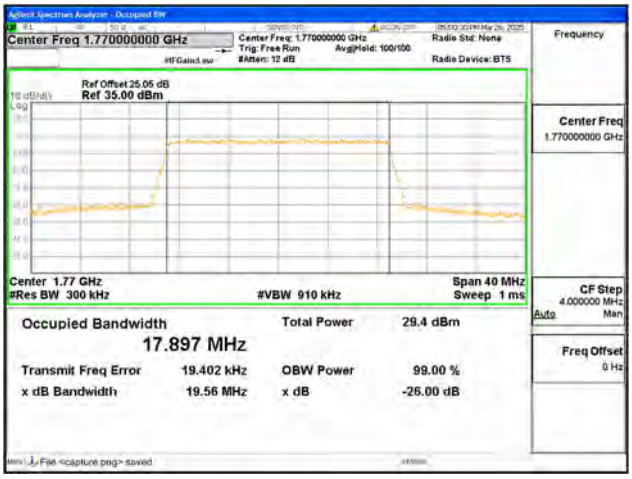
B66 / 20MHz / 16QAM/ Low CH



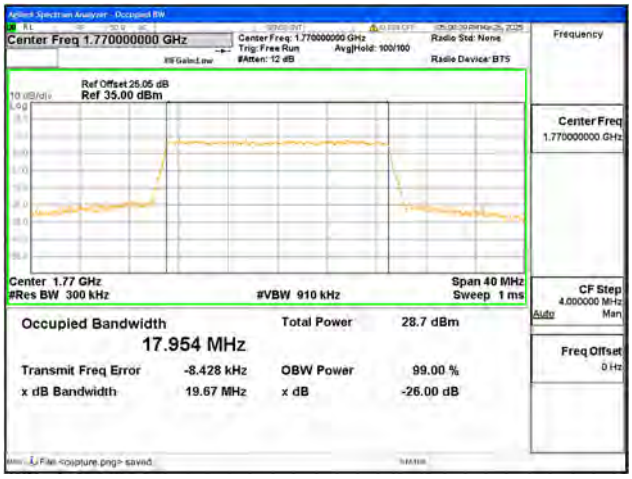
B66 / 20MHz / QPSK/ Mid CH



B66 / 20MHz / 16QAM/ Mid CH



B66 / 20MHz / QPSK/ High CH



B66 / 20MHz / 16QAM/ High CH

2.3. Frequency Stability

2.3.1. Requirement

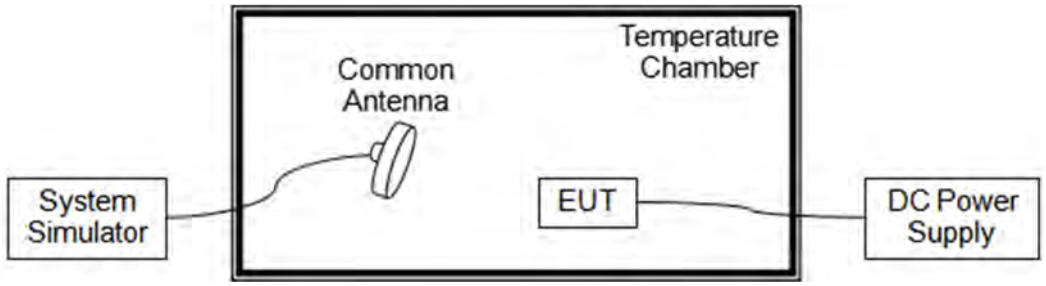
According to FCC section 2.1055, 24.235, 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

(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 0°C to 35°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 3.88V, 4.48V and 3.60V, which are specified by the applicant; the normal temperature here used is 20°C.

LTE Band 2, 16QAM, Channel 18900, Frequency 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	2	0.001	PASS
Normal		0	14	0.007	
Normal		+10	18	0.010	
Normal		+20	-20	-0.011	
Normal		+30	0	0.000	
Normal		+35	18	0.010	
High	4.48	+20	-12	-0.006	
BATT.ENDPOINT	3.60	+20	20	0.011	

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	3.88	+20(Ref)	18	0.010	PASS
Normal		0	11	0.006	
Normal		+10	16	0.009	
Normal		+20	17	0.010	
Normal		+30	-23	-0.013	
Normal		+35	-3	-0.002	
High	4.48	+20	14	0.008	
BATT.ENDPOINT	3.60	+20	19	0.011	

LTE Band 5, 16QAM, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	-8	-0.010	PASS
Normal		0	16	0.019	
Normal		+10	3	0.004	
Normal		+20	14	0.017	
Normal		+30	16	0.019	
Normal		+35	16	0.019	
High	4.48	+20	8	0.010	
BATT.ENDPOINT	3.60	+20	20	0.024	

LTE Band 7, 16QAM, Channel 21100, Frequency 2535MHz Limit= Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	0	0.000	PASS
Normal		0	13	0.005	
Normal		+10	13	0.005	
Normal		+20	-3	-0.001	
Normal		+30	16	0.006	
Normal		+35	13	0.005	
High	4.48	+20	18	0.007	
BATT.ENDPOINT	3.60	+20	9	0.004	

LTE Band 13, 16QAM, Channel 23230, Frequency 782.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	6	0.008	PASS
Normal		0	16	0.020	
Normal		+10	14	0.018	
Normal		+20	15	0.019	
Normal		+30	17	0.022	
Normal		+35	-20	-0.026	
High	4.48	+20	4	0.005	
BATT.ENDPOINT	3.60	+20	19	0.024	

LTE Band 26, 16QAM, Channel 26915, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	-6	-0.007	PASS
Normal		0	19	0.023	
Normal		+10	17	0.020	
Normal		+20	-5	-0.006	
Normal		+30	13	0.016	
Normal		+35	11	0.013	
High	4.48	+20	16	0.019	
BATT.ENDPOINT	3.60	+20	18	0.022	

LTE Band 38, 16QAM, Channel 38000, Frequency 2595MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	17	0.007	PASS
Normal		0	-16	-0.006	
Normal		+10	22	0.008	
Normal		+20	21	0.008	
Normal		+30	16	0.006	
Normal		+35	-6	-0.002	
High	4.48	+20	15	0.006	
BATT.ENDPOINT	3.60	+20	6	0.002	

LTE Band 41, 16QAM, Channel 40620, Frequency 2593MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp(°C)**	**Fre. Dev.(Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	-9	-0.003	PASS
Normal		0	20	0.008	
Normal		+10	6	0.002	
Normal		+20	14	0.005	
Normal		+30	4	0.002	
Normal		+35	17	0.007	
High	4.48	+20	17	0.007	
BATT.ENDPOINT	3.60	+20	17	0.007	

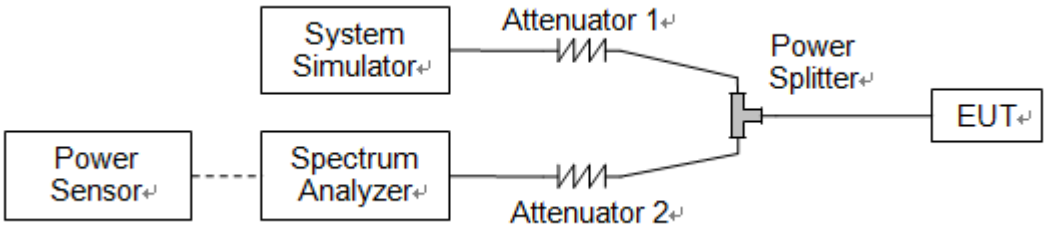
LTE Band 66, 16QAM, Channel 132322, Frequency 1745MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.88	+20(Ref)	-23	-0.013	PASS
Normal		0	9	0.005	
Normal		+10	15	0.009	
Normal		+20	-3	-0.002	
Normal		+30	14	0.008	
Normal		+35	19	0.011	
High	4.48	+20	-7	-0.004	
BATT.ENDPOINT	3.60	+20	16	0.009	

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.

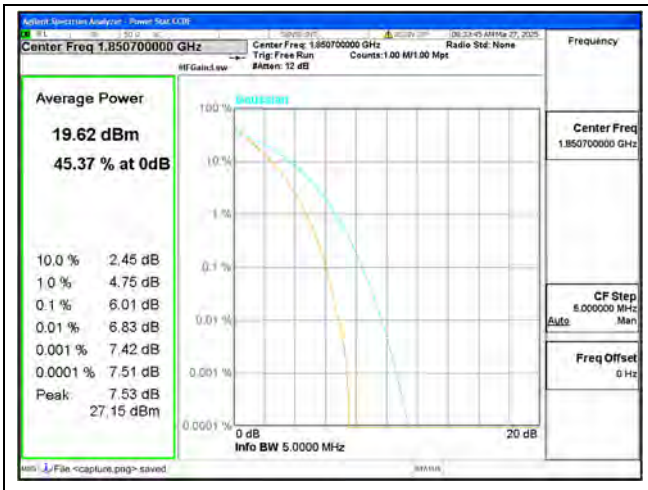
2.4.4. Test Result

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

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	Peak to Average Radio(dB)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	6.01	PASS
B2	1.4	Low	18607	1850.7	16QAM	6.71	PASS
B2	1.4	Mid	18900	1880	QPSK	5.83	PASS
B2	1.4	Mid	18900	1880	16QAM	6.59	PASS
B2	1.4	High	19193	1909.3	QPSK	5.62	PASS
B2	1.4	High	19193	1909.3	16QAM	6.36	PASS
B2	3	Low	18615	1851.5	QPSK	5.88	PASS
B2	3	Low	18615	1851.5	16QAM	6.69	PASS
B2	3	Mid	18900	1880	QPSK	5.83	PASS
B2	3	Mid	18900	1880	16QAM	6.48	PASS
B2	3	High	19185	1908.5	QPSK	5.63	PASS
B2	3	High	19185	1908.5	16QAM	6.45	PASS
B2	5	Low	18625	1852.5	QPSK	5.80	PASS
B2	5	Low	18625	1852.5	16QAM	6.52	PASS
B2	5	Mid	18900	1880	QPSK	5.66	PASS
B2	5	Mid	18900	1880	16QAM	6.32	PASS
B2	5	High	19175	1907.5	QPSK	5.71	PASS
B2	5	High	19175	1907.5	16QAM	6.30	PASS
B2	10	Low	18650	1855	QPSK	5.82	PASS
B2	10	Low	18650	1855	16QAM	6.45	PASS
B2	10	Mid	18900	1880	QPSK	5.77	PASS
B2	10	Mid	18900	1880	16QAM	6.35	PASS
B2	10	High	19150	1905	QPSK	5.79	PASS
B2	10	High	19150	1905	16QAM	6.37	PASS
B2	15	Low	18675	1857.5	QPSK	5.74	PASS
B2	15	Low	18675	1857.5	16QAM	6.30	PASS
B2	15	Mid	18900	1880	QPSK	5.65	PASS
B2	15	Mid	18900	1880	16QAM	6.32	PASS
B2	15	High	19125	1902.5	QPSK	5.52	PASS
B2	15	High	19125	1902.5	16QAM	6.18	PASS
B2	20	Low	18700	1860	QPSK	5.77	PASS
B2	20	Low	18700	1860	16QAM	7.74	PASS
B2	20	Mid	18900	1880	QPSK	5.68	PASS
B2	20	Mid	18900	1880	16QAM	7.46	PASS
B2	20	High	19100	1900	QPSK	5.46	PASS

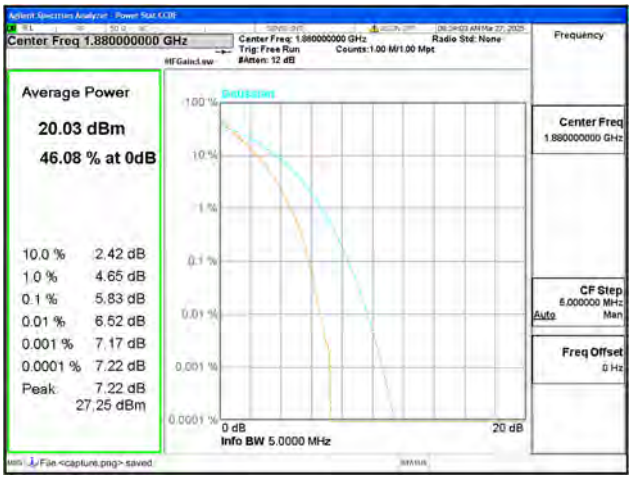
B2	20	High	19100	1900	16QAM	6.93	PASS
B4	1.4	Low	19957	1710.7	QPSK	5.96	PASS
B4	1.4	Low	19957	1710.7	16QAM	6.69	PASS
B4	1.4	Mid	20175	1732.5	QPSK	5.52	PASS
B4	1.4	Mid	20175	1732.5	16QAM	6.40	PASS
B4	1.4	High	20393	1754.3	QPSK	5.73	PASS
B4	1.4	High	20393	1754.3	16QAM	6.73	PASS
B4	3	Low	19965	1711.5	QPSK	5.85	PASS
B4	3	Low	19965	1711.5	16QAM	6.65	PASS
B4	3	Mid	20175	1732.5	QPSK	5.64	PASS
B4	3	Mid	20175	1732.5	16QAM	6.41	PASS
B4	3	High	20385	1753.5	QPSK	5.74	PASS
B4	3	High	20385	1753.5	16QAM	6.54	PASS
B4	5	Low	19975	1712.5	QPSK	5.75	PASS
B4	5	Low	19975	1712.5	16QAM	6.44	PASS
B4	5	Mid	20175	1732.5	QPSK	5.52	PASS
B4	5	Mid	20175	1732.5	16QAM	6.24	PASS
B4	5	High	20375	1752.5	QPSK	5.78	PASS
B4	5	High	20375	1752.5	16QAM	6.40	PASS
B4	10	Low	20000	1715	QPSK	5.77	PASS
B4	10	Low	20000	1715	16QAM	6.45	PASS
B4	10	Mid	20175	1732.5	QPSK	5.67	PASS
B4	10	Mid	20175	1732.5	16QAM	6.33	PASS
B4	10	High	20350	1750	QPSK	5.83	PASS
B4	10	High	20350	1750	16QAM	6.46	PASS
B4	15	Low	20025	1717.5	QPSK	5.62	PASS
B4	15	Low	20025	1717.5	16QAM	6.40	PASS
B4	15	Mid	20175	1732.5	QPSK	5.51	PASS
B4	15	Mid	20175	1732.5	16QAM	6.28	PASS
B4	15	High	20325	1747.5	QPSK	5.71	PASS
B4	15	High	20325	1747.5	16QAM	6.45	PASS
B4	20	Low	20050	1720	QPSK	5.40	PASS
B4	20	Low	20050	1720	16QAM	6.45	PASS
B4	20	Mid	20175	1732.5	QPSK	5.58	PASS
B4	20	Mid	20175	1732.5	16QAM	6.37	PASS
B4	20	High	20300	1745	QPSK	5.81	PASS
B4	20	High	20300	1745	16QAM	6.51	PASS
B66	1.4	Low	131979	1710.7	QPSK	5.69	PASS

B66	1.4	Low	131979	1710.7	16QAM	6.51	PASS
B66	1.4	Mid	132322	1745	QPSK	5.57	PASS
B66	1.4	Mid	132322	1745	16QAM	6.43	PASS
B66	1.4	High	132665	1779.3	QPSK	5.35	PASS
B66	1.4	High	132665	1779.3	16QAM	6.10	PASS
B66	3	Low	131987	1711.5	QPSK	5.60	PASS
B66	3	Low	131987	1711.5	16QAM	6.38	PASS
B66	3	Mid	132322	1745	QPSK	5.56	PASS
B66	3	Mid	132322	1745	16QAM	6.25	PASS
B66	3	High	132657	1778.5	QPSK	5.37	PASS
B66	3	High	132657	1778.5	16QAM	6.03	PASS
B66	5	Low	131997	1712.5	QPSK	5.62	PASS
B66	5	Low	131997	1712.5	16QAM	6.24	PASS
B66	5	Mid	132322	1745	QPSK	5.55	PASS
B66	5	Mid	132322	1745	16QAM	6.22	PASS
B66	5	High	132647	1777.5	QPSK	5.39	PASS
B66	5	High	132647	1777.5	16QAM	5.96	PASS
B66	10	Low	132022	1715	QPSK	5.65	PASS
B66	10	Low	132022	1715	16QAM	6.26	PASS
B66	10	Mid	132322	1745	QPSK	5.70	PASS
B66	10	Mid	132322	1745	16QAM	6.25	PASS
B66	10	High	132622	1775	QPSK	5.43	PASS
B66	10	High	132622	1775	16QAM	6.03	PASS
B66	15	Low	132047	1717.5	QPSK	5.46	PASS
B66	15	Low	132047	1717.5	16QAM	6.09	PASS
B66	15	Mid	132322	1745	QPSK	5.74	PASS
B66	15	Mid	132322	1745	16QAM	6.16	PASS
B66	15	High	132597	1772.5	QPSK	5.27	PASS
B66	15	High	132597	1772.5	16QAM	5.90	PASS
B66	20	Low	132072	1720	QPSK	5.47	PASS
B66	20	Low	132072	1720	16QAM	6.33	PASS
B66	20	Mid	132322	1745	QPSK	5.58	PASS
B66	20	Mid	132322	1745	16QAM	6.26	PASS
B66	20	High	132572	1770	QPSK	5.32	PASS
B66	20	High	132572	1770	16QAM	6.06	PASS

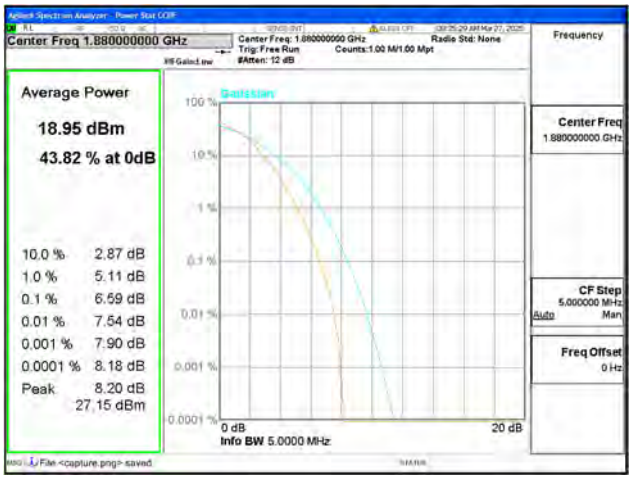


B2 / 1.4MHz / Low CH / QPSK

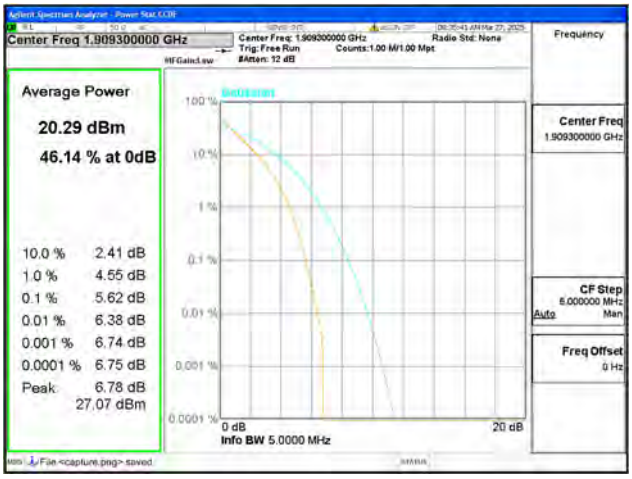
B2 / 1.4MHz / Low CH / 16QAM



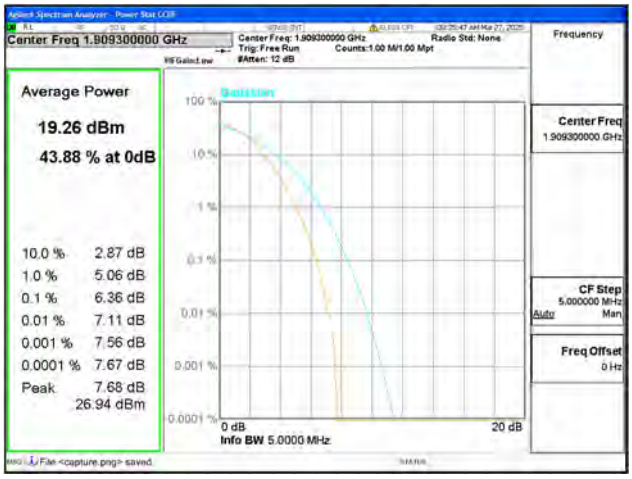
B2 / 1.4MHz / Mid CH / QPSK



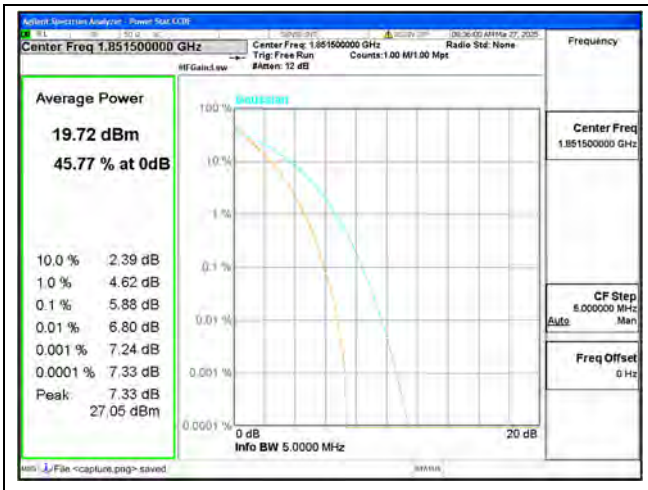
B2 / 1.4MHz / Mid CH / 16QAM



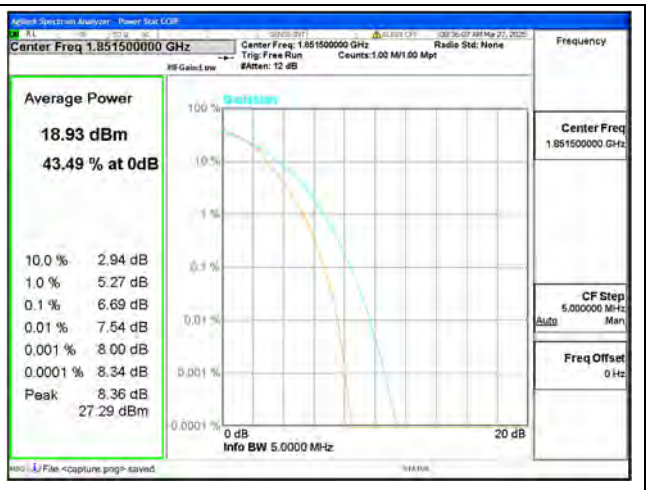
B2 / 1.4MHz / High CH / QPSK



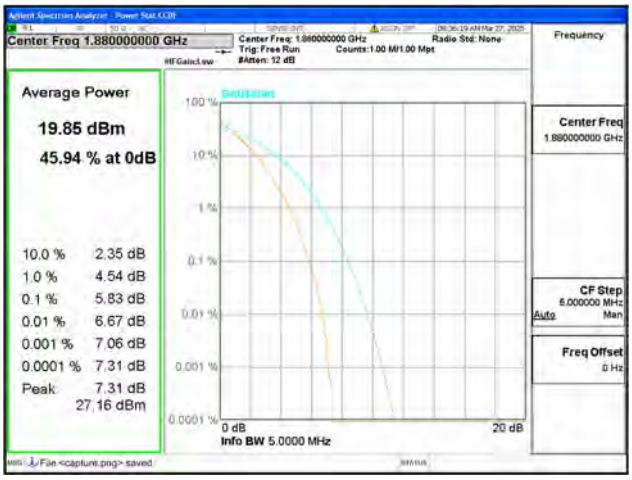
B2 / 1.4MHz / High CH / 16QAM



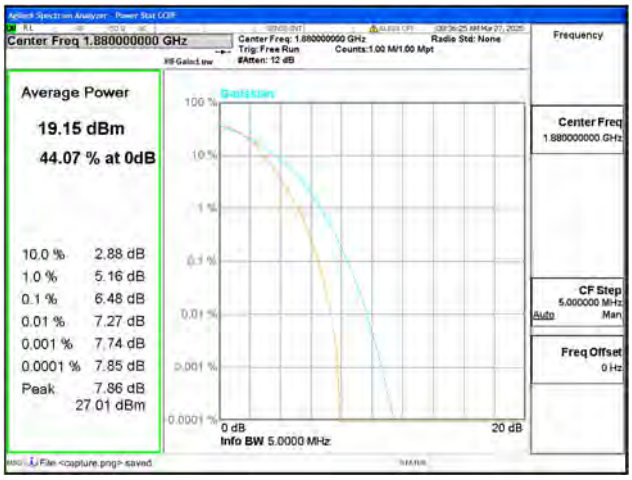
B2 / 3MHz / Low CH / QPSK



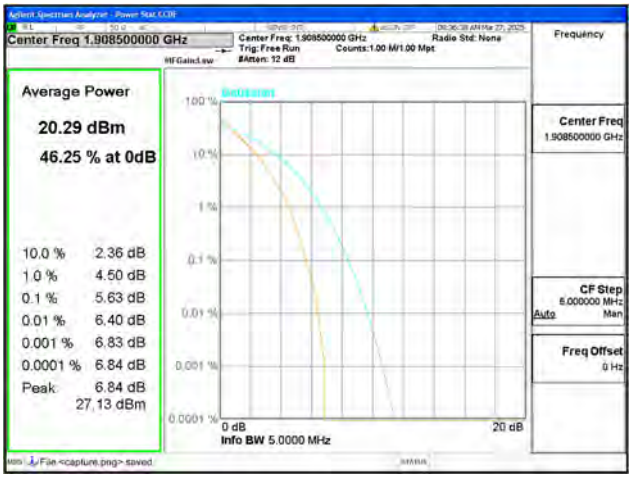
B2 / 3MHz / Low CH / 16QAM



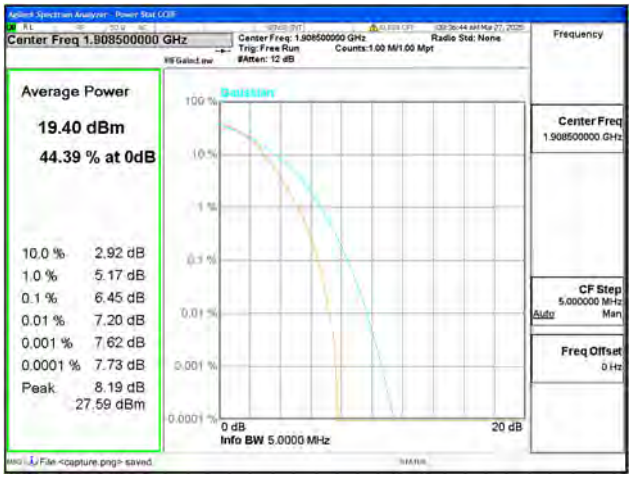
B2 / 3MHz / Mid CH / QPSK



B2 / 3MHz / Mid CH / 16QAM

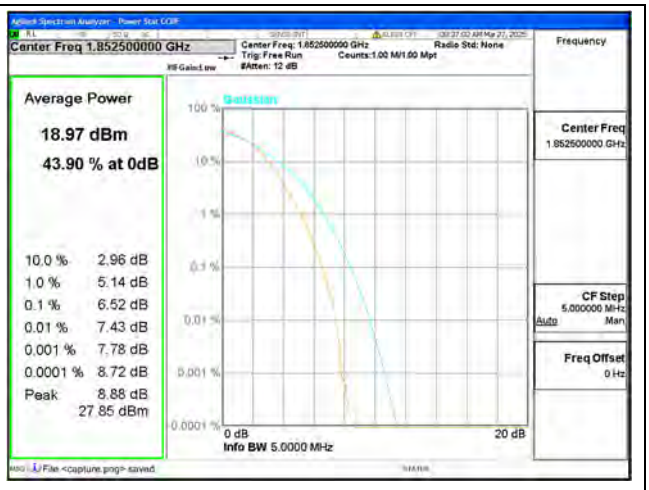


B2 / 3MHz / High CH / QPSK

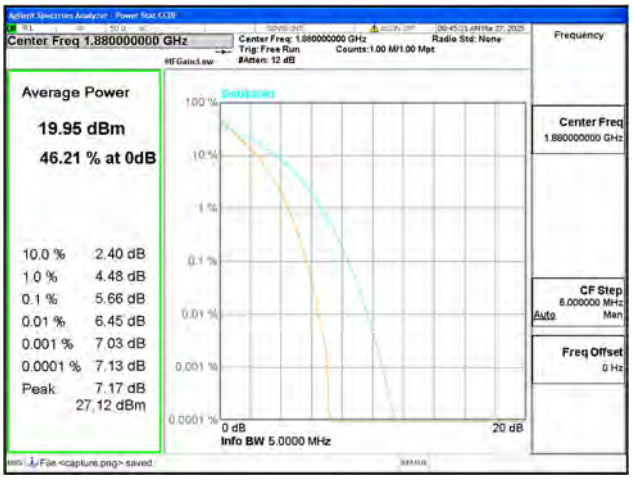


B2 / 3MHz / High CH / 16QAM

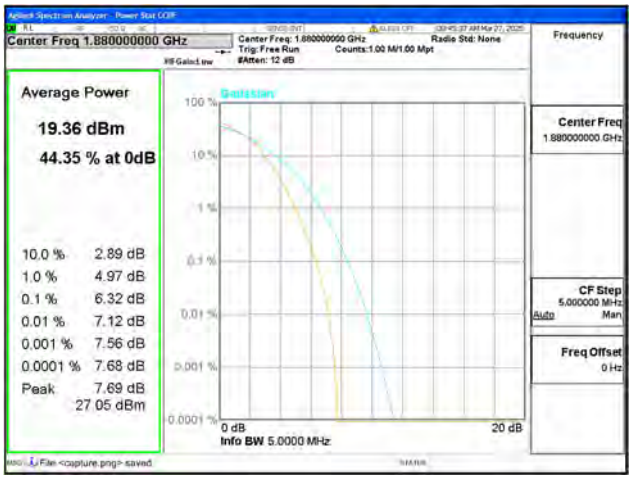
B2 / 5MHz / Low CH / QPSK



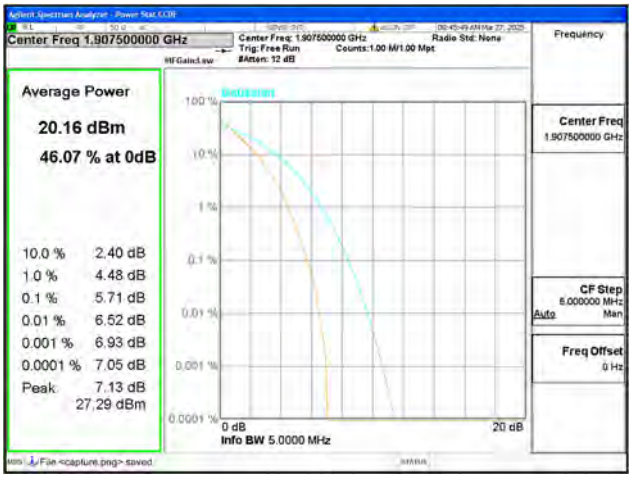
B2 / 5MHz / Low CH / 16QAM



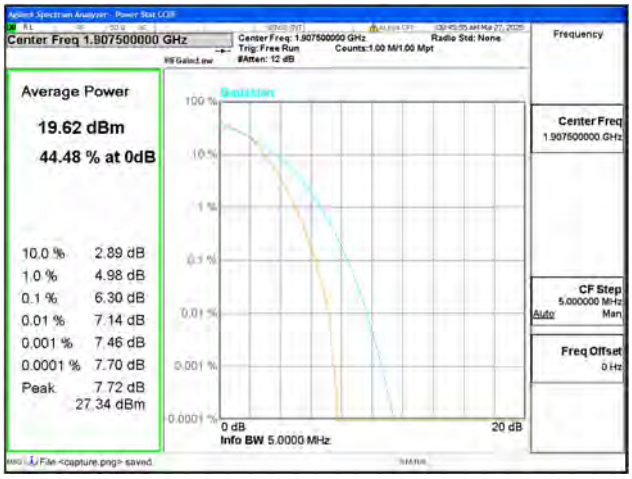
B2 / 5MHz / Mid CH / QPSK



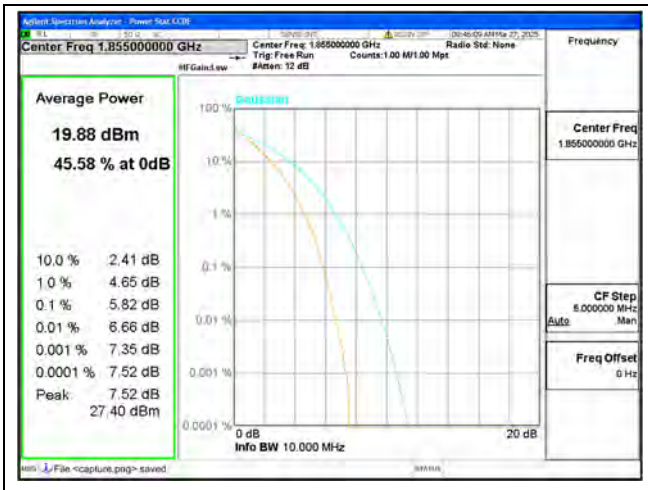
B2 / 5MHz / Mid CH / 16QAM



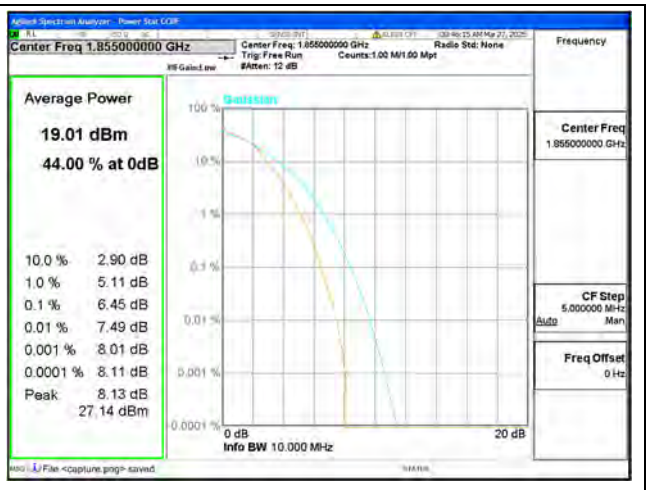
B2 / 5MHz / High CH / QPSK



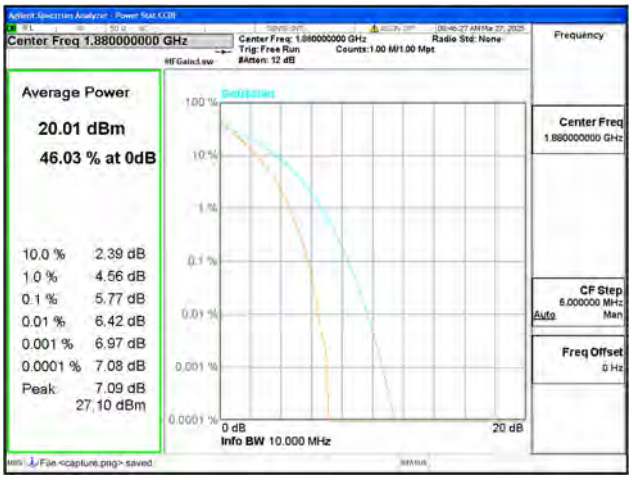
B2 / 5MHz / High CH / 16QAM



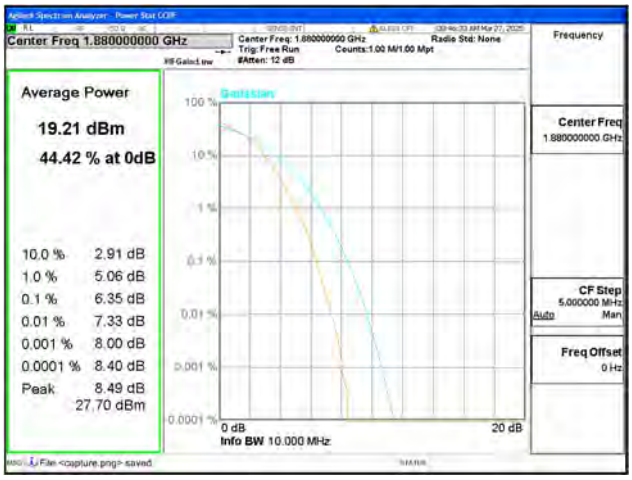
B2 / 10MHz / Low CH / QPSK



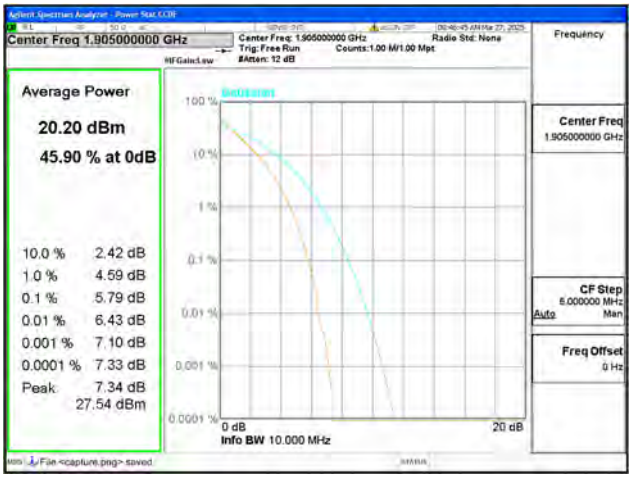
B2 / 10MHz / Low CH / 16QAM



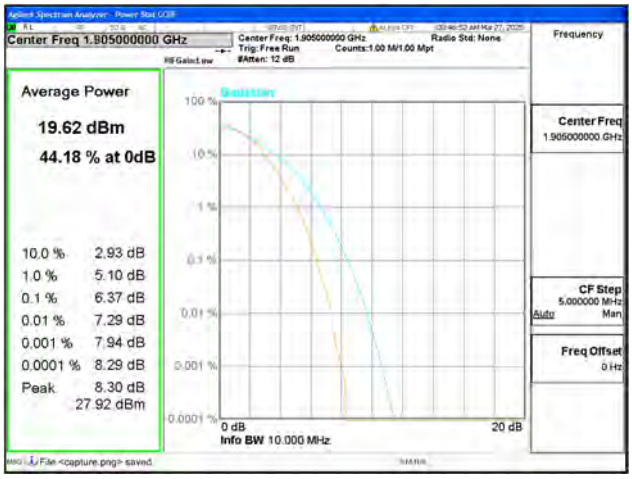
B2 / 10MHz / Mid CH / QPSK



B2 / 10MHz / Mid CH / 16QAM

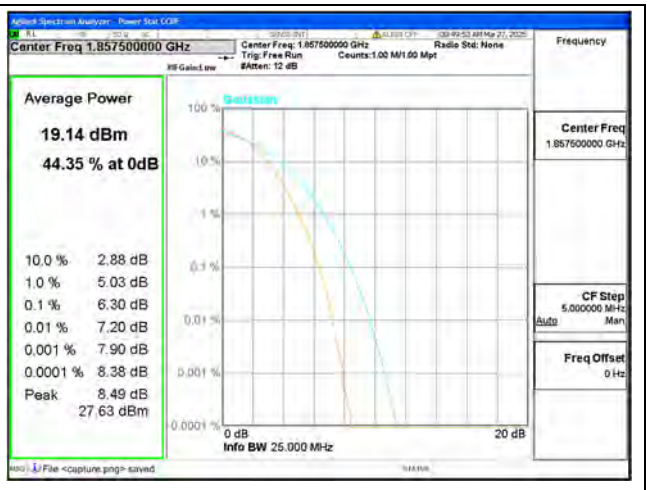


B2 / 10MHz / High CH / QPSK

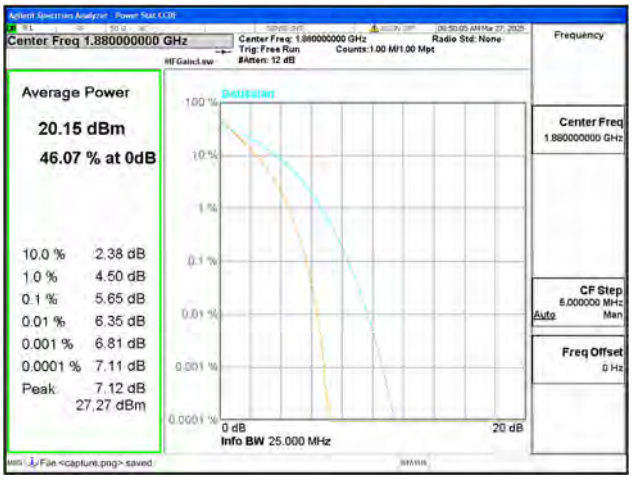


B2 / 10MHz / High CH / 16QAM

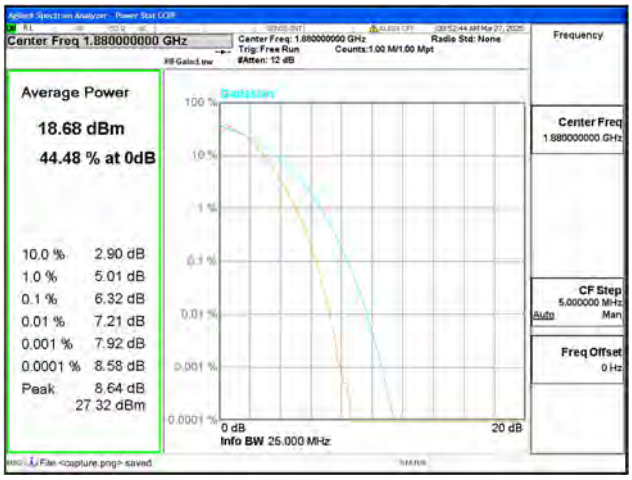
B2 / 15MHz / Low CH / QPSK



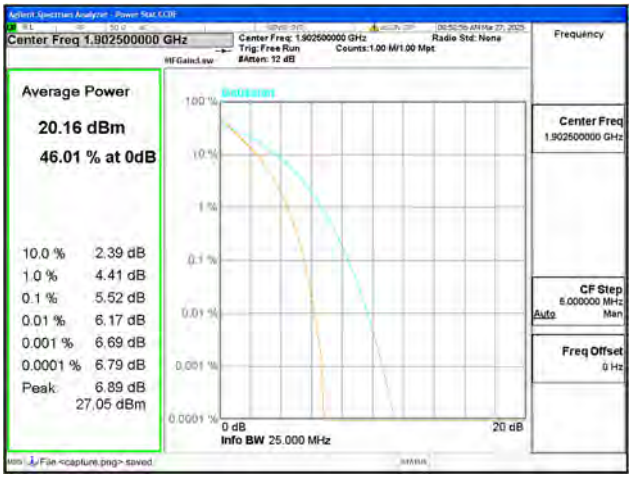
B2 / 15MHz / Low CH / 16QAM



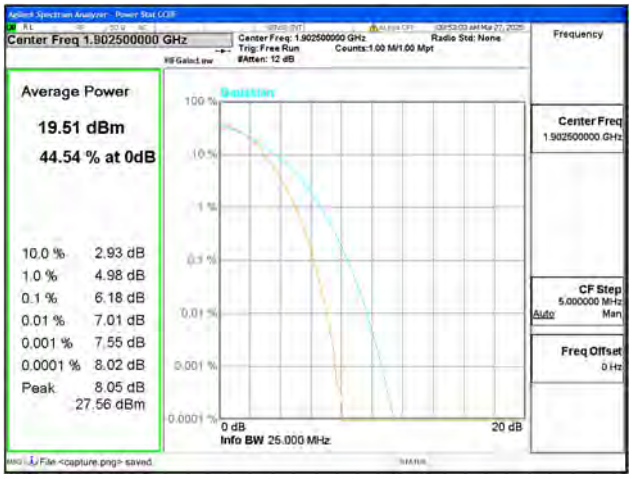
B2 / 15MHz / Mid CH / QPSK



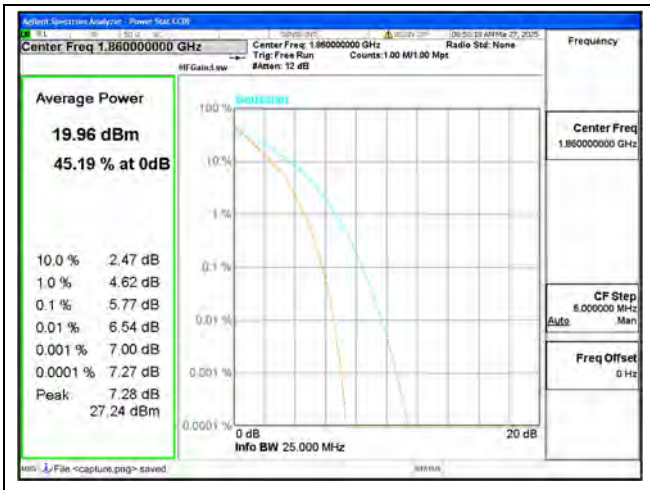
B2 / 15MHz / Mid CH / 16QAM



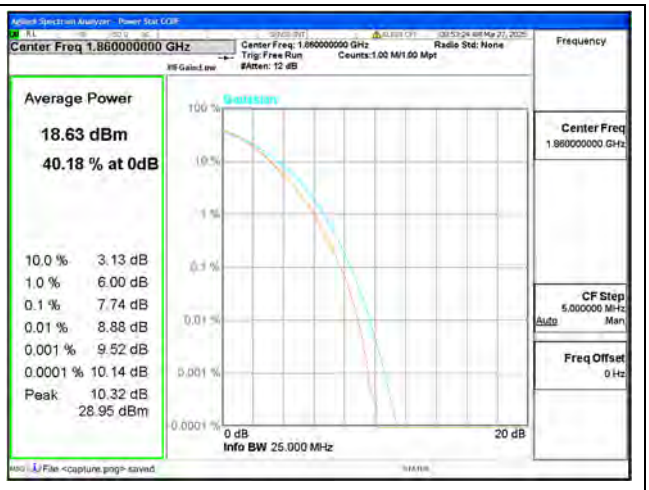
B2 / 15MHz / High CH / QPSK



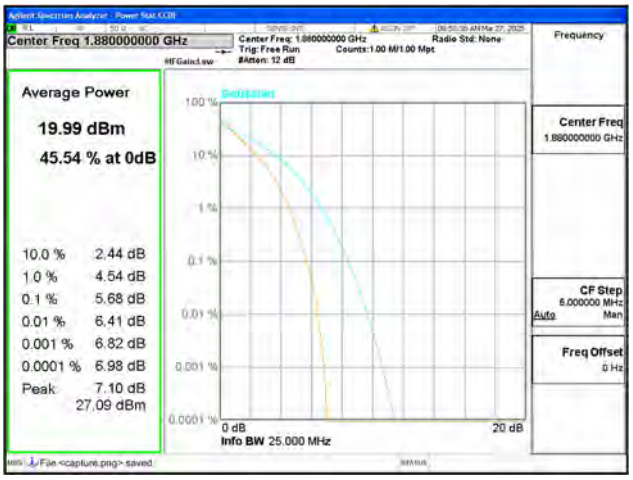
B2 / 15MHz / High CH / 16QAM



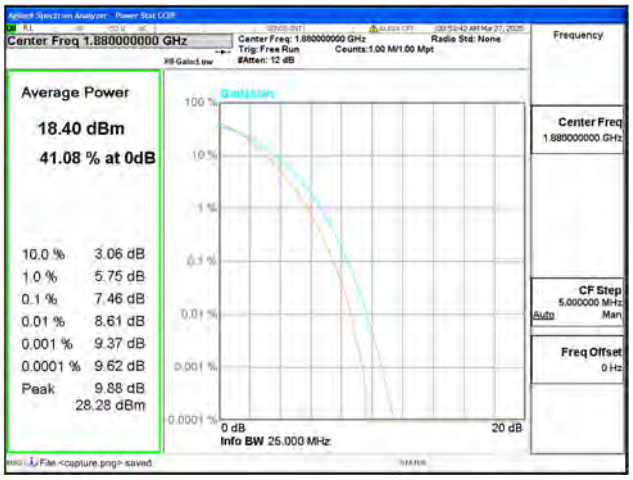
B2 / 20MHz / Low CH / QPSK



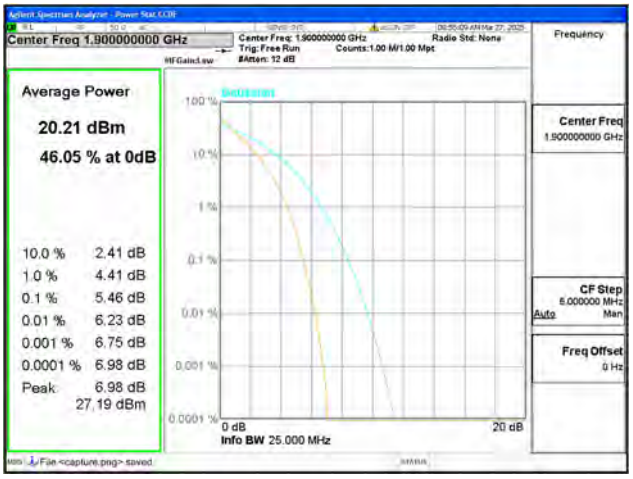
B2 / 20MHz / Low CH / 16QAM



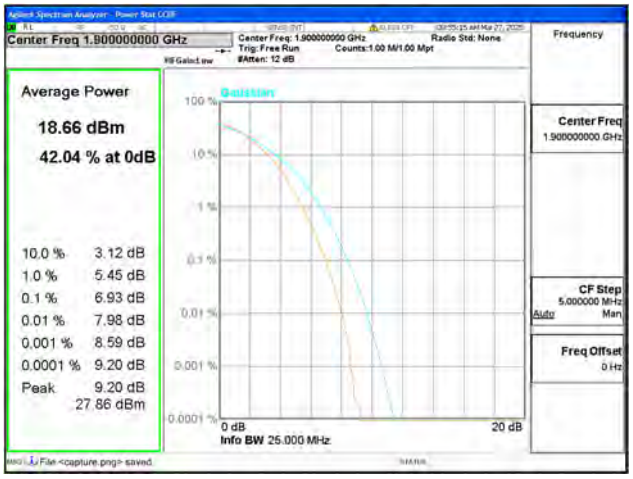
B2 / 20MHz / Mid CH / QPSK



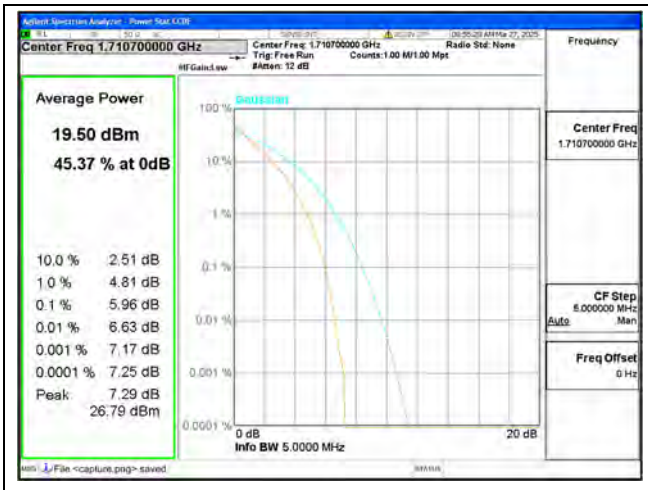
B2 / 20MHz / Mid CH / 16QAM



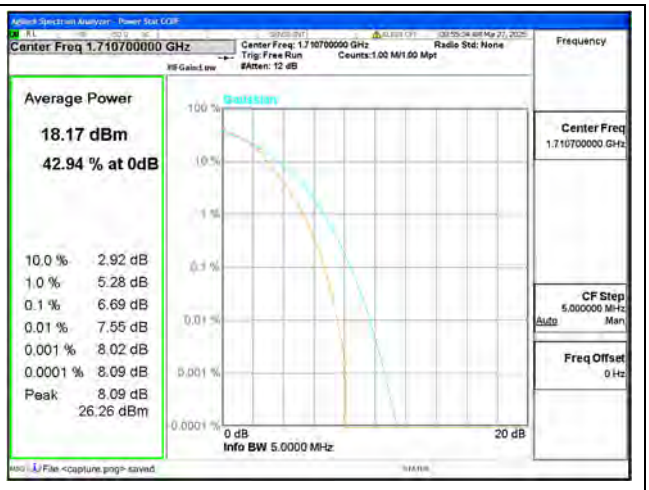
B2 / 20MHz / High CH / QPSK



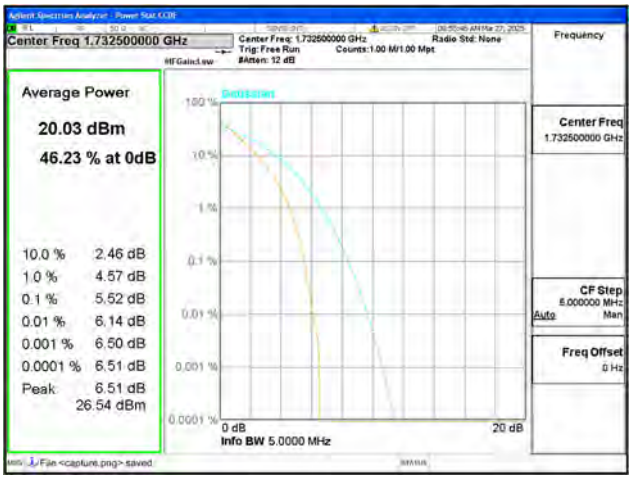
B2 / 20MHz / High CH / 16QAM



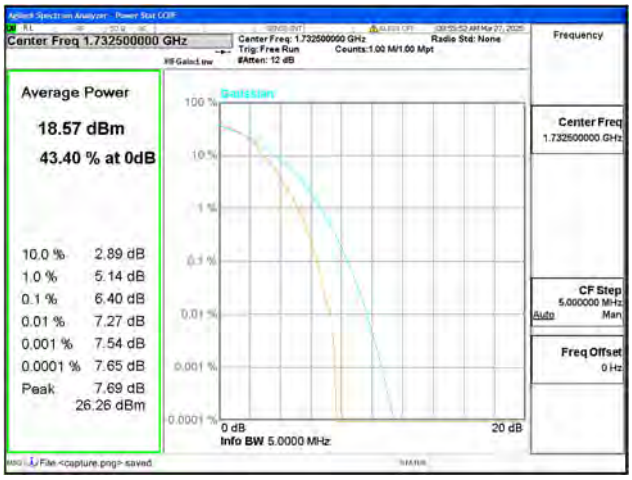
B4 / 1.4MHz / Low CH / QPSK



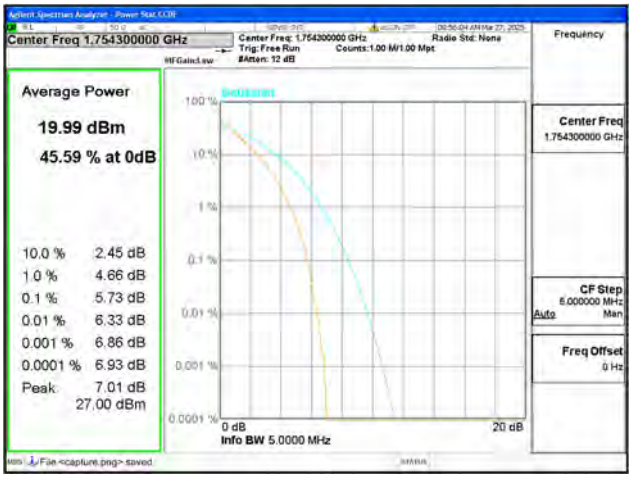
B4 / 1.4MHz / Low CH / 16QAM



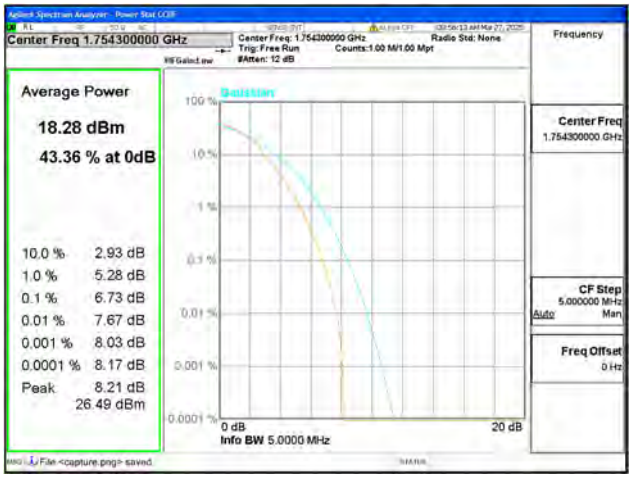
B4 / 1.4MHz / Mid CH / QPSK



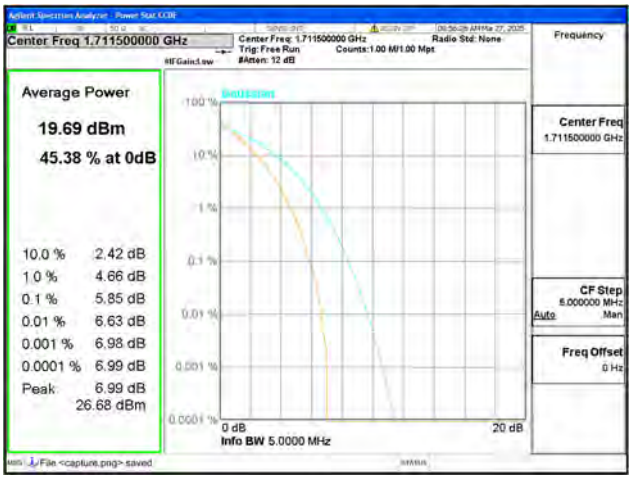
B4 / 1.4MHz / Mid CH / 16QAM



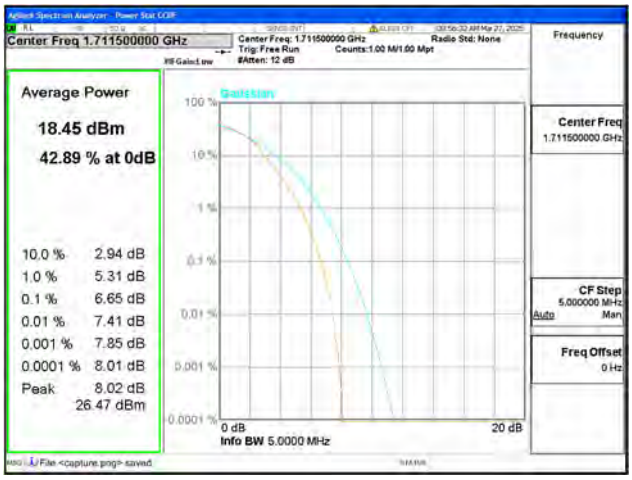
B4 / 1.4MHz / High CH / QPSK



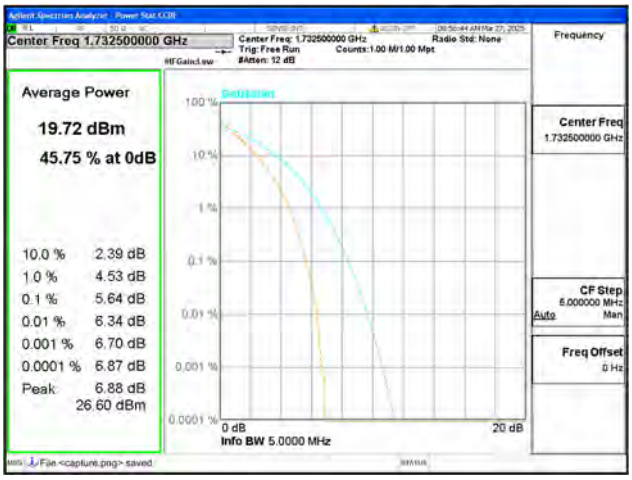
B4 / 1.4MHz / High CH / 16QAM



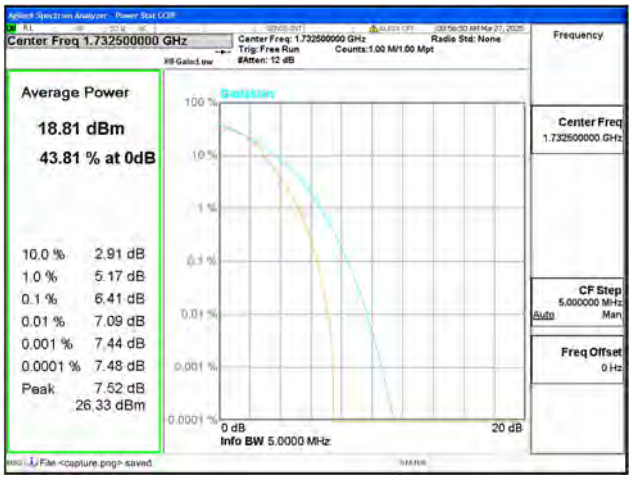
B4 / 3MHz / Low CH / QPSK



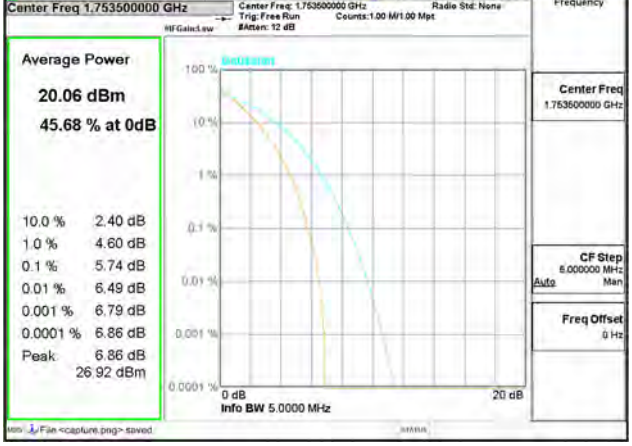
B4 / 3MHz / Low CH / 16QAM



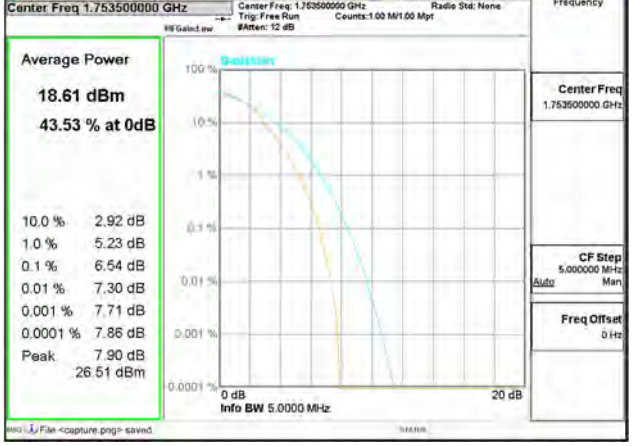
B4 / 3MHz / Mid CH / QPSK



B4 / 3MHz / Mid CH / 16QAM

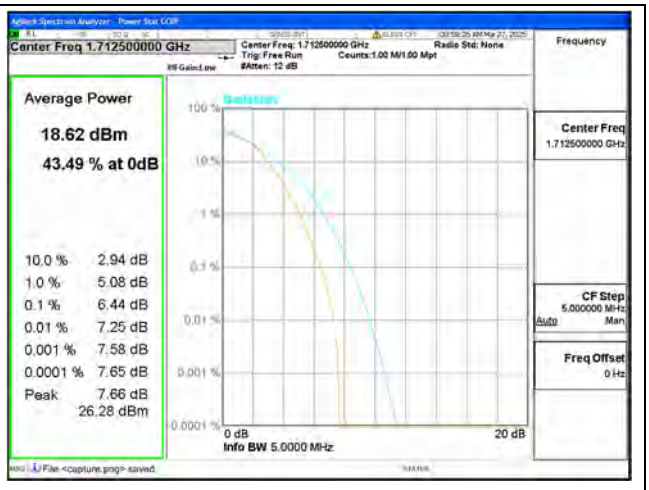


B4 / 3MHz / High CH / QPSK

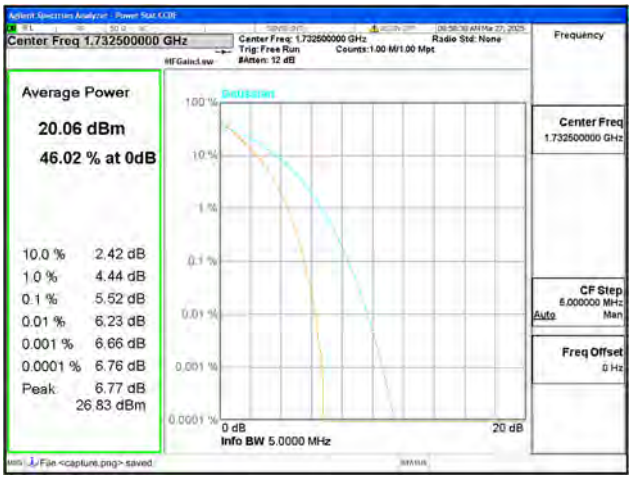


B4 / 3MHz / High CH / 16QAM

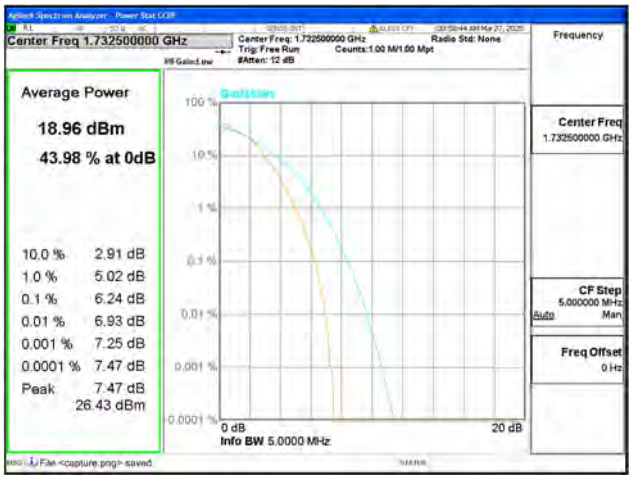
B4 / 5MHz / Low CH / QPSK



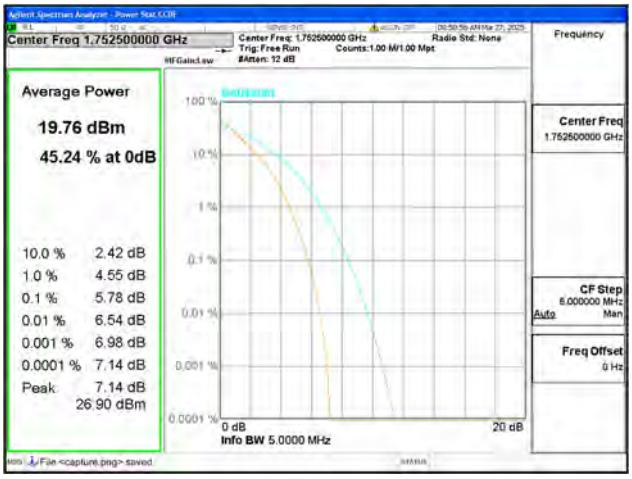
B4 / 5MHz / Low CH / 16QAM



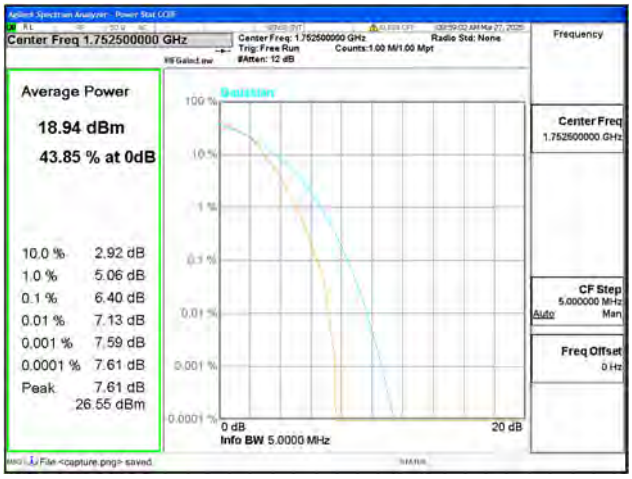
B4 / 5MHz / Mid CH / QPSK



B4 / 5MHz / Mid CH / 16QAM

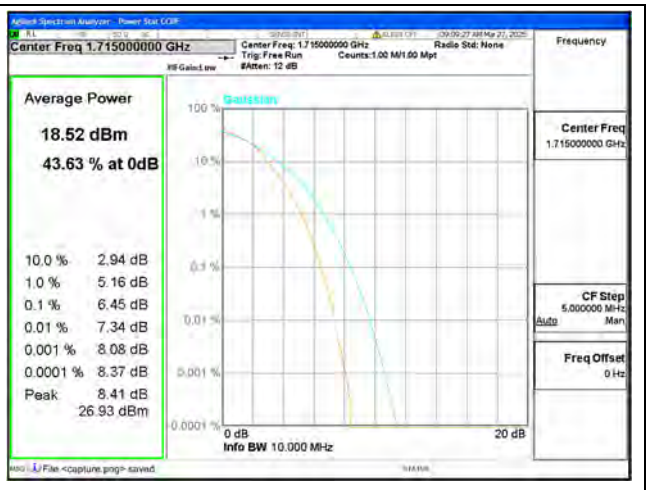


B4 / 5MHz / High CH / QPSK

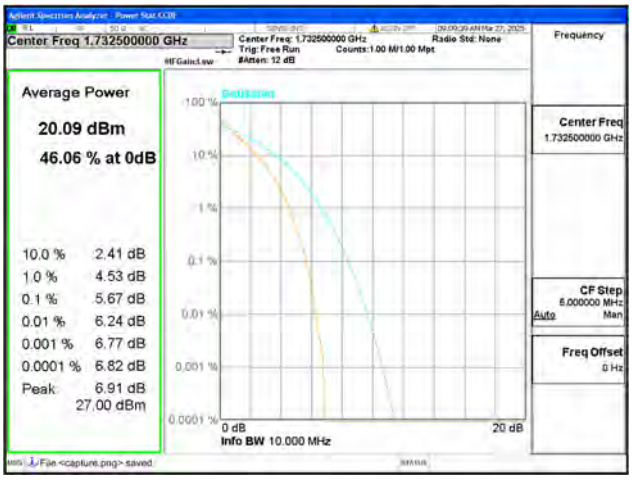


B4 / 5MHz / High CH / 16QAM

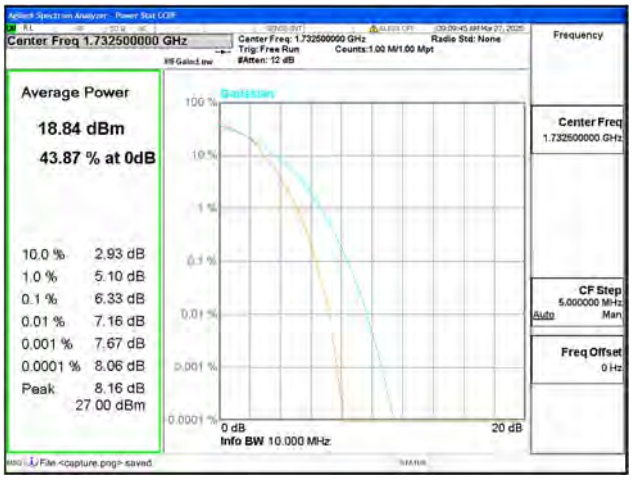
B4 / 10MHz / Low CH / QPSK



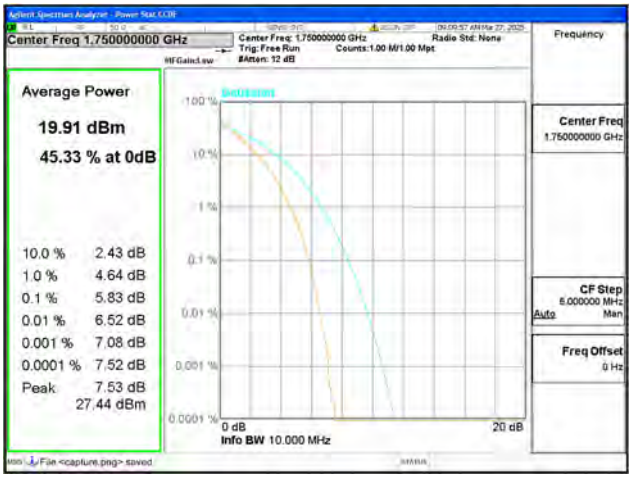
B4 / 10MHz / Low CH / 16QAM



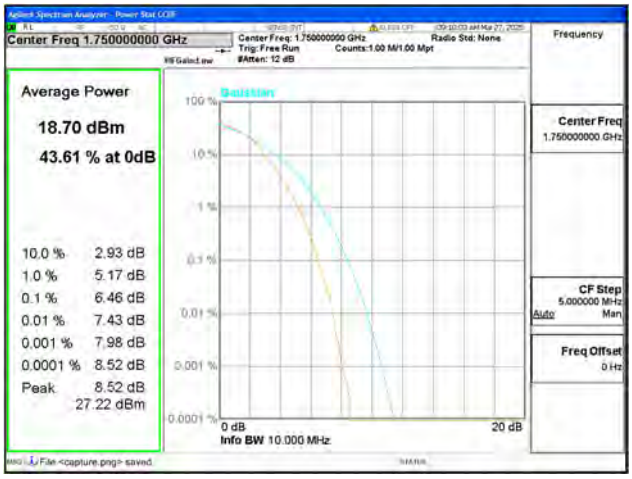
B4 / 10MHz / Mid CH / QPSK



B4 / 10MHz / Mid CH / 16QAM

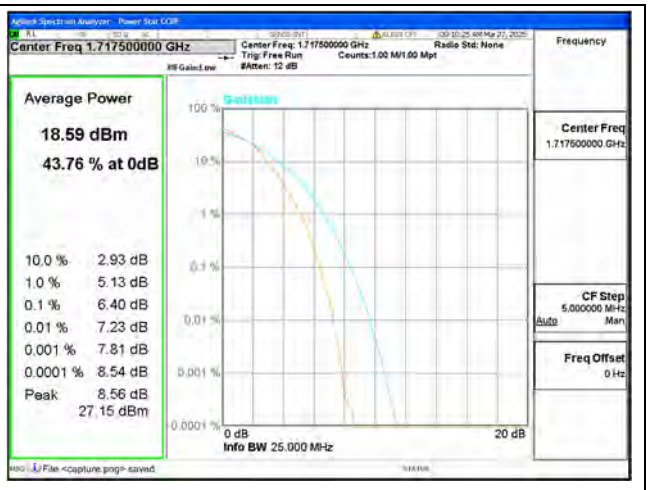


B4 / 10MHz / High CH / QPSK

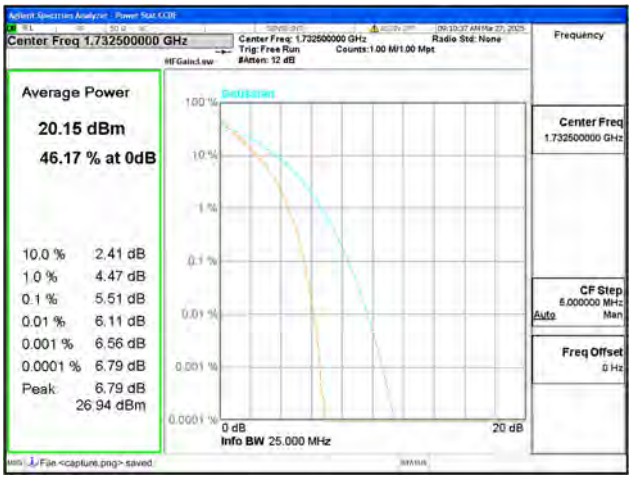


B4 / 10MHz / High CH / 16QAM

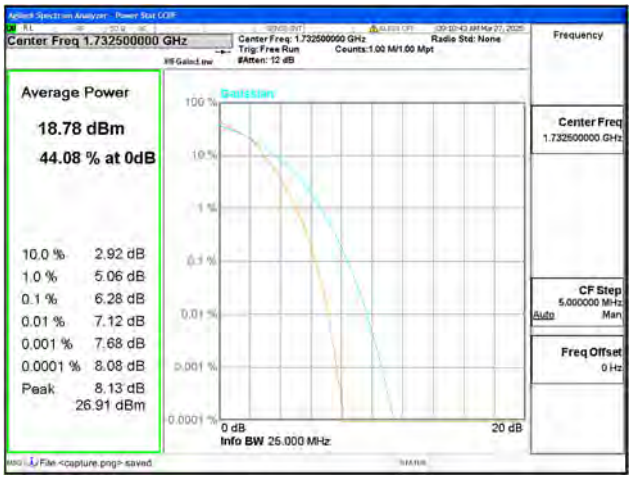
B4 / 15MHz / Low CH / QPSK



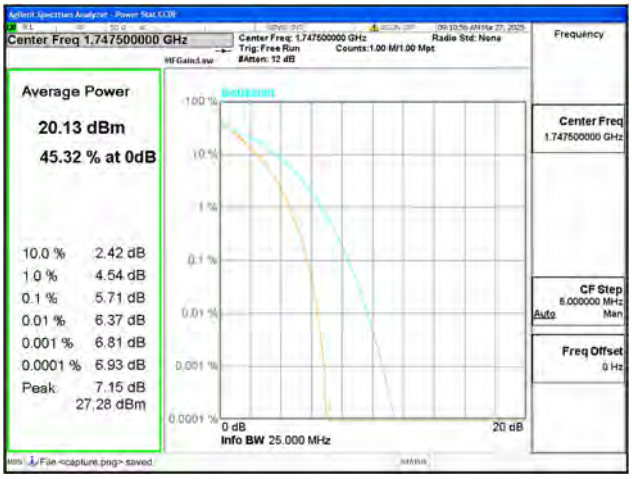
B4 / 15MHz / Low CH / 16QAM



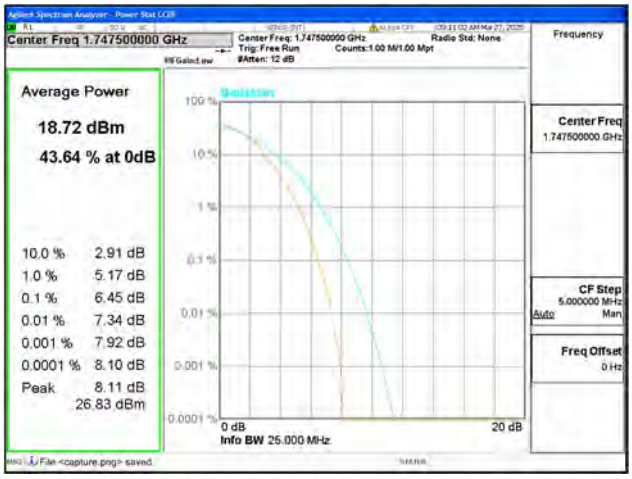
B4 / 15MHz / Mid CH / QPSK



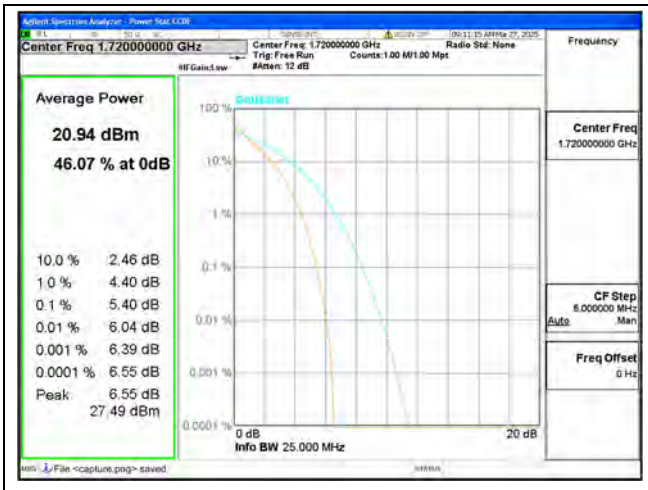
B4 / 15MHz / Mid CH / 16QAM



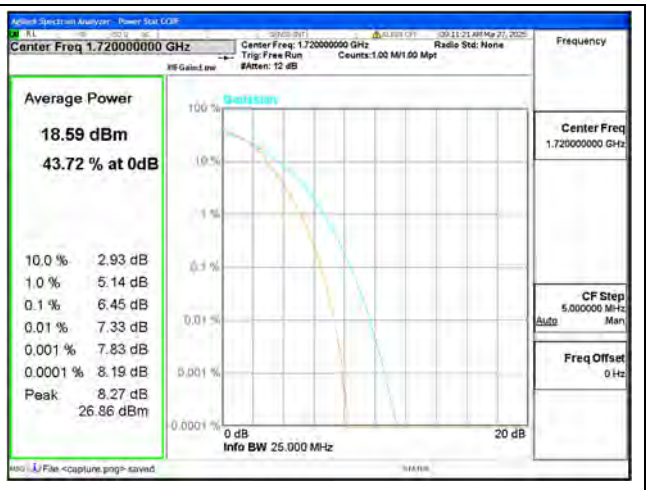
B4 / 15MHz / High CH / QPSK



B4 / 15MHz / High CH / 16QAM

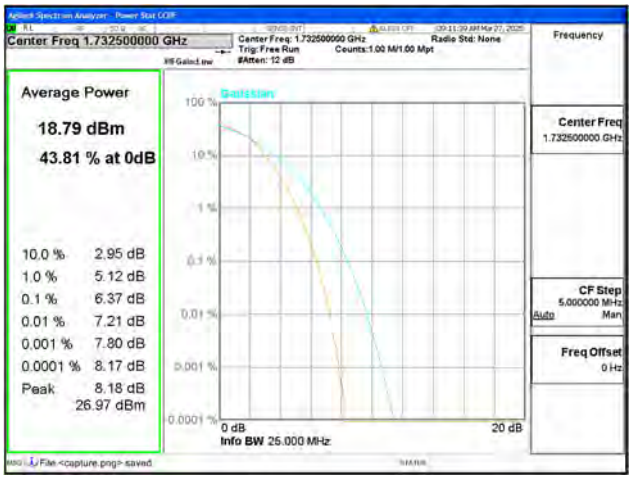


B4 / 20MHz / Low CH / QPSK

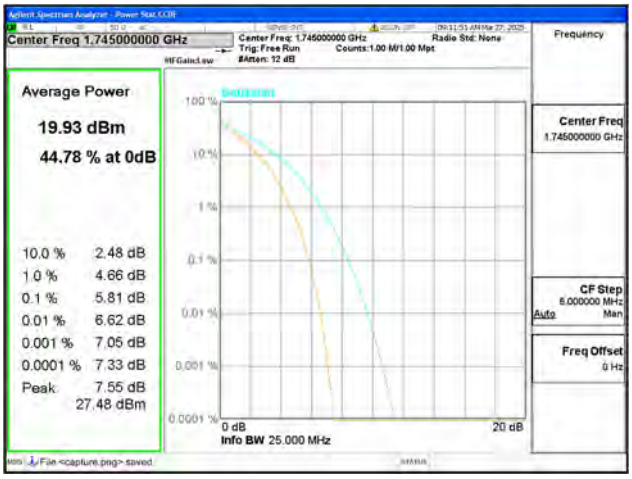


B4 / 20MHz / Low CH / 16QAM

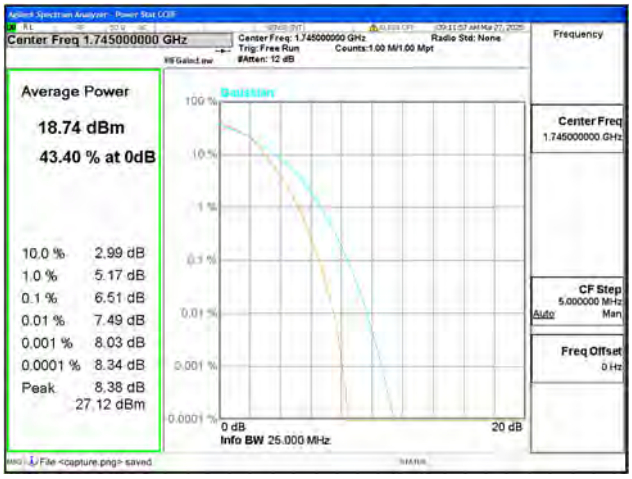
B4 / 20MHz / Mid CH / QPSK



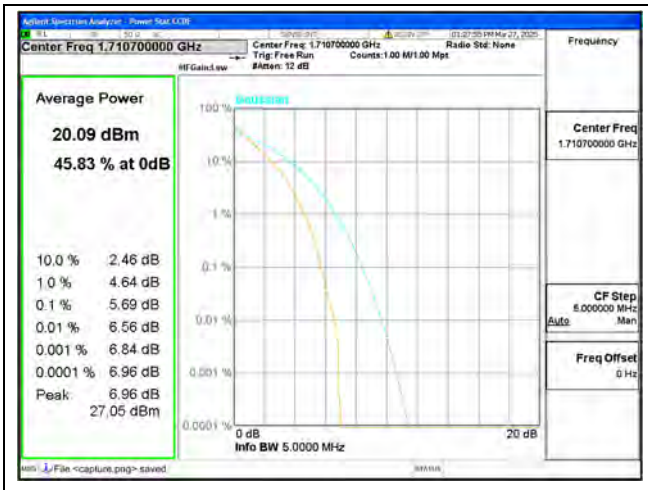
B4 / 20MHz / Mid CH / 16QAM



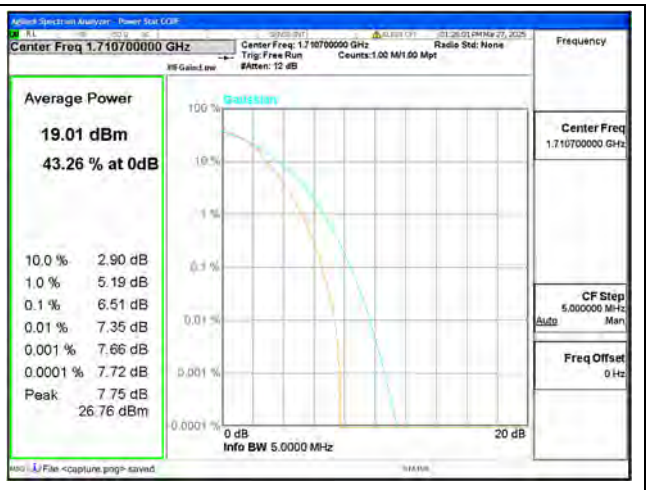
B4 / 20MHz / High CH / QPSK



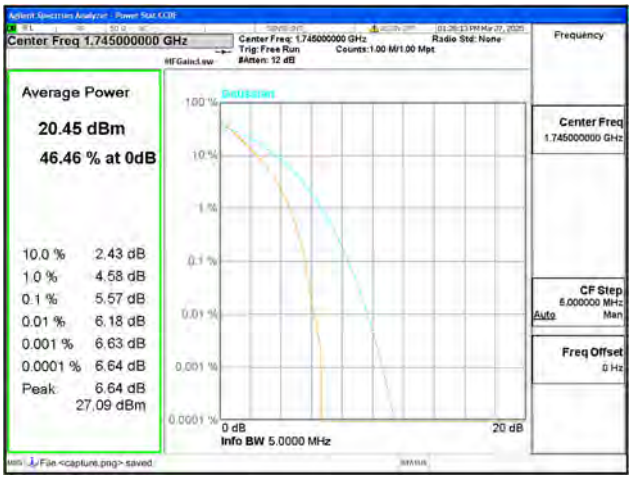
B4 / 20MHz / High CH / 16QAM



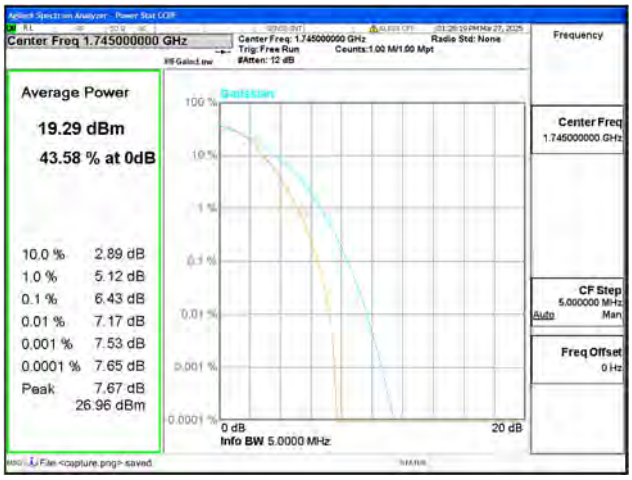
B66 / 1.4MHz / Low CH / QPSK



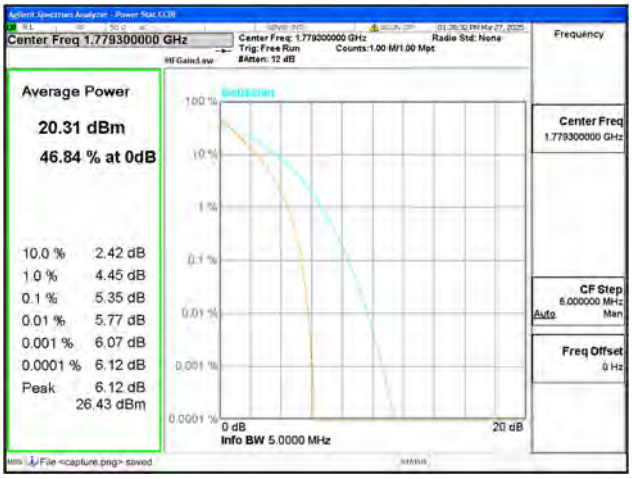
B66 / 1.4MHz / Low CH / 16QAM



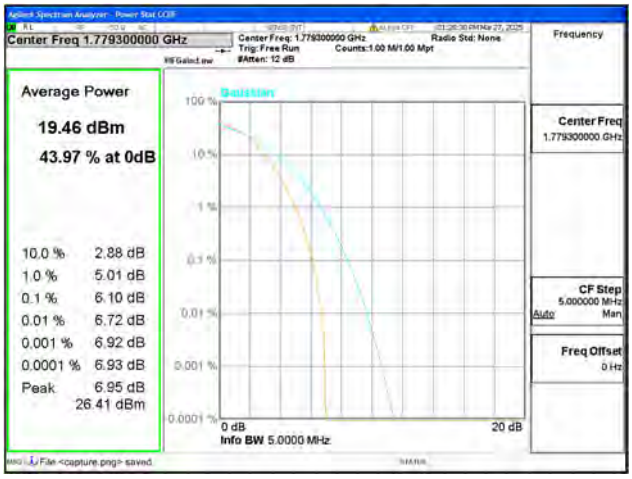
B66 / 1.4MHz / Mid CH / QPSK



B66 / 1.4MHz / Mid CH / 16QAM

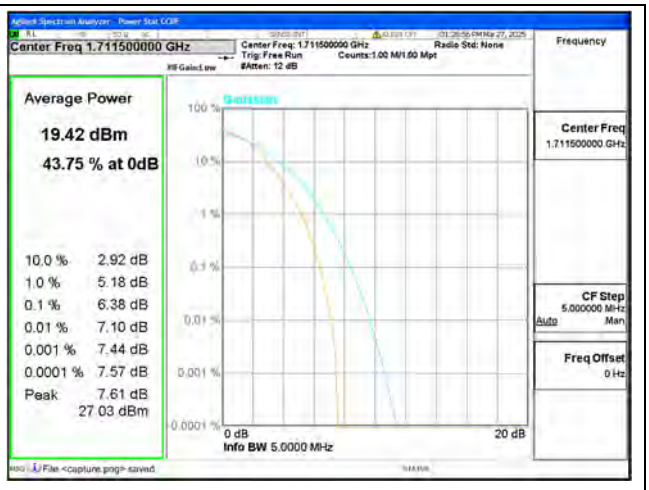


B66 / 1.4MHz / High CH / QPSK

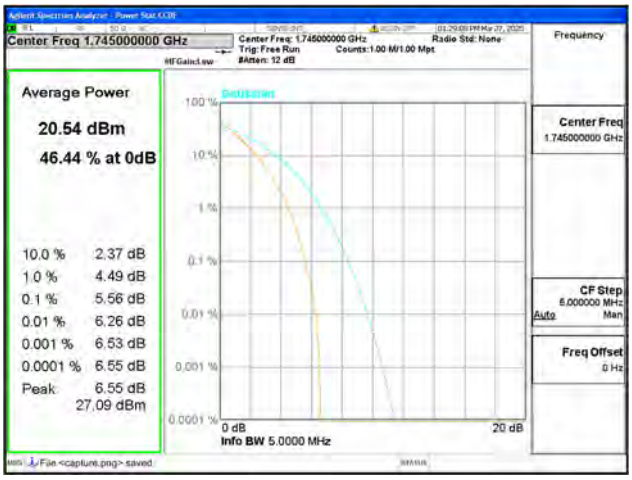


B66 / 1.4MHz / High CH / 16QAM

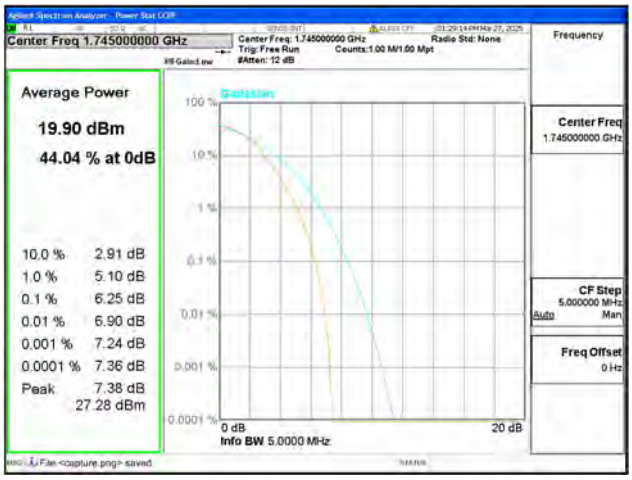
B66 / 3MHz / Low CH / QPSK



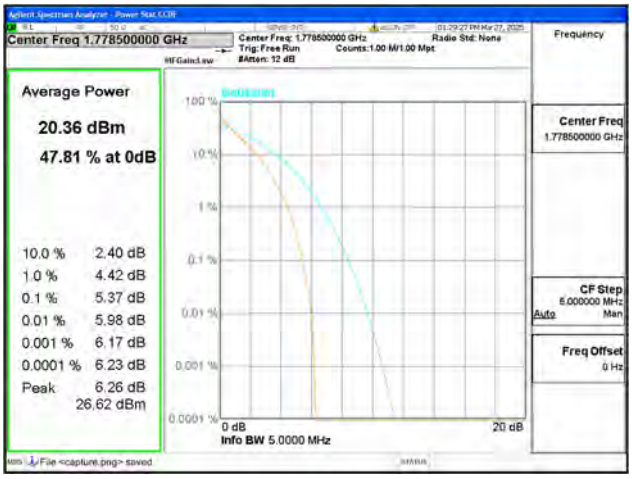
B66 / 3MHz / Low CH / 16QAM



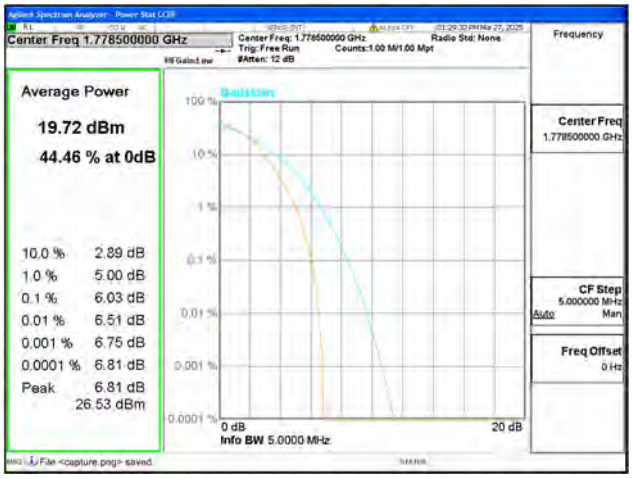
B66 / 3MHz / Mid CH / QPSK



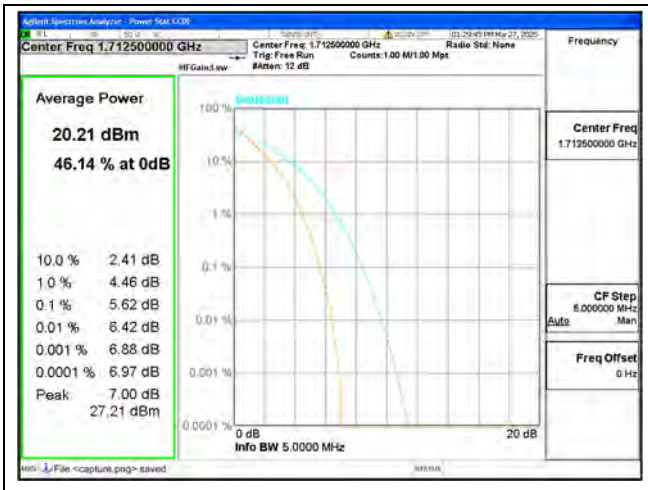
B66 / 3MHz / Mid CH / 16QAM



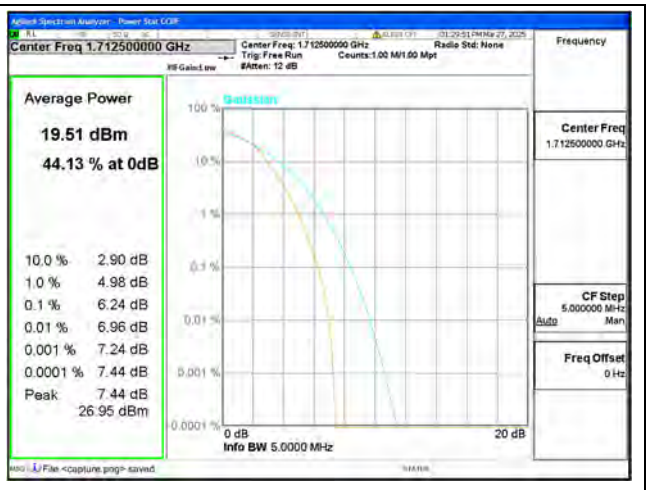
B66 / 3MHz / High CH / QPSK



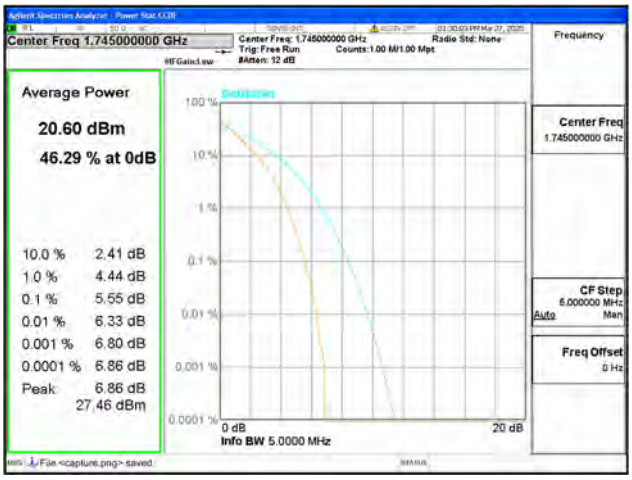
B66 / 3MHz / High CH / 16QAM



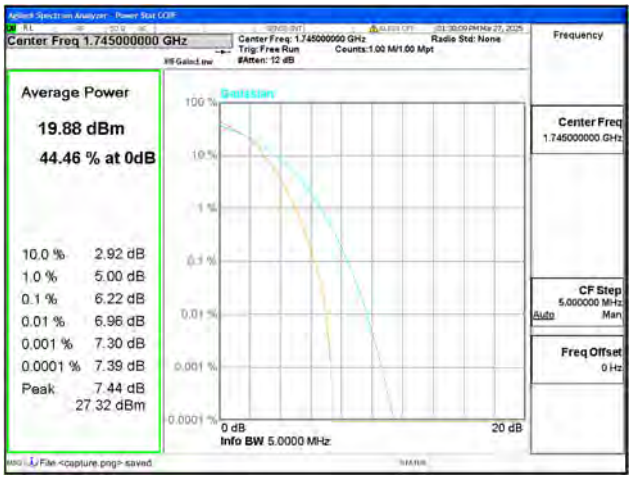
B66 / 5MHz / Low CH / QPSK



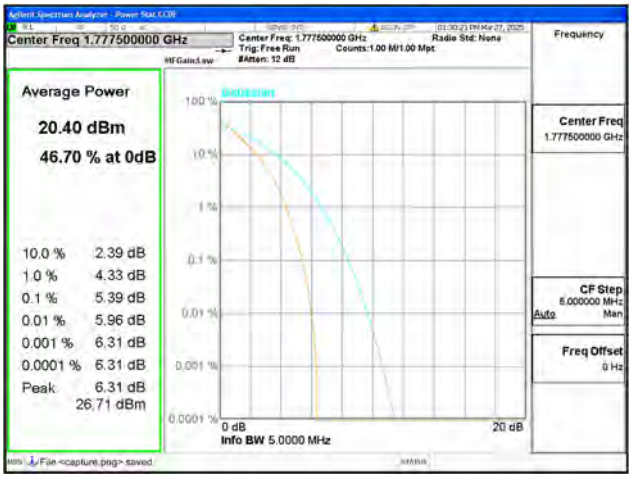
B66 / 5MHz / Low CH / 16QAM



B66 / 5MHz / Mid CH / QPSK

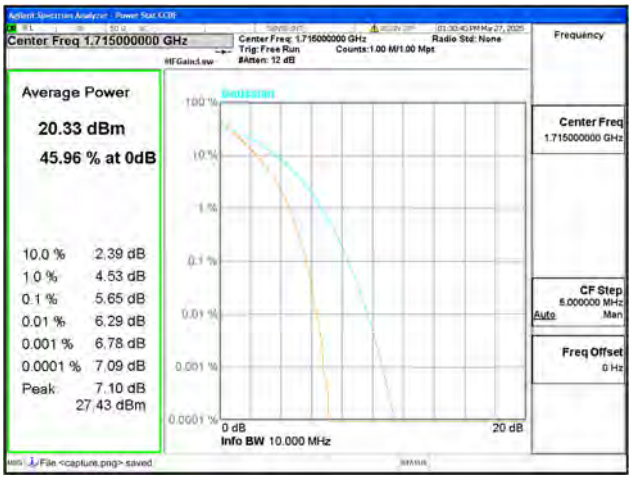


B66 / 5MHz / Mid CH / 16QAM

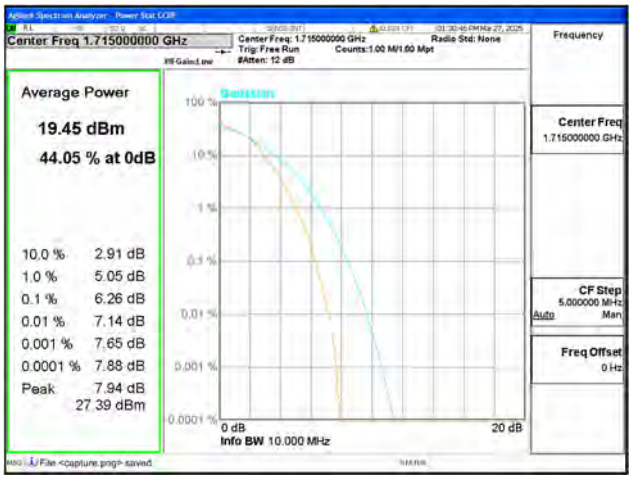


B66 / 5MHz / High CH / QPSK

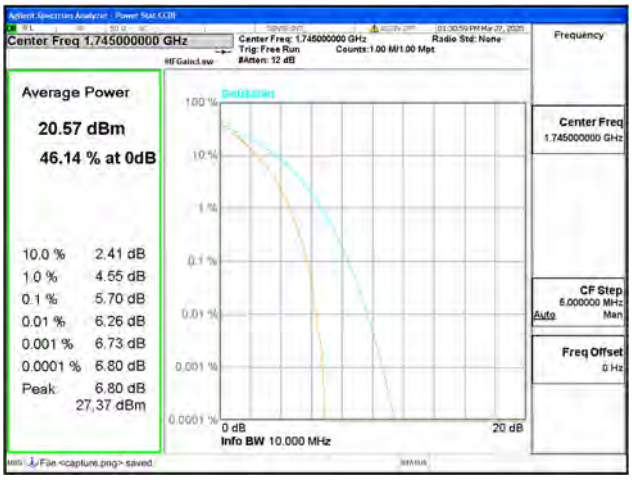
B66 / 5MHz / High CH / 16QAM



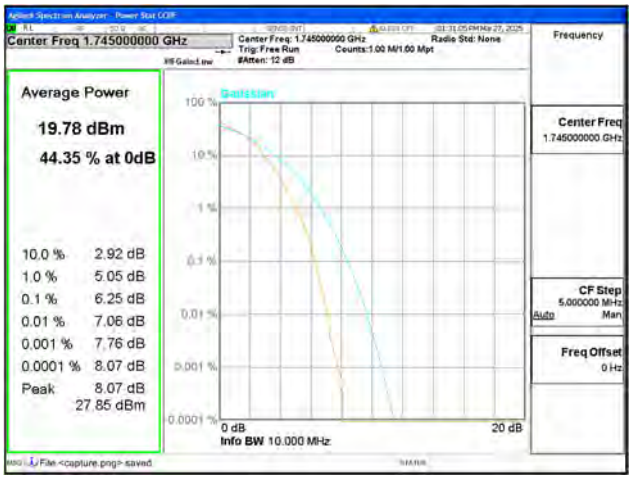
B66 / 10MHz / Low CH / QPSK



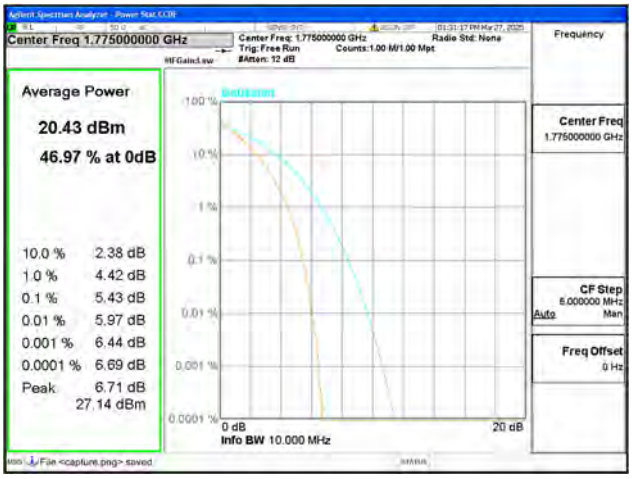
B66 / 10MHz / Low CH / 16QAM



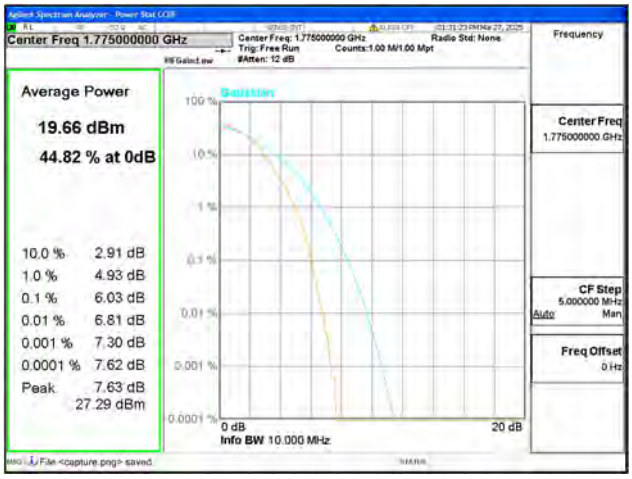
B66 / 10MHz / Mid CH / QPSK



B66 / 10MHz / Mid CH / 16QAM

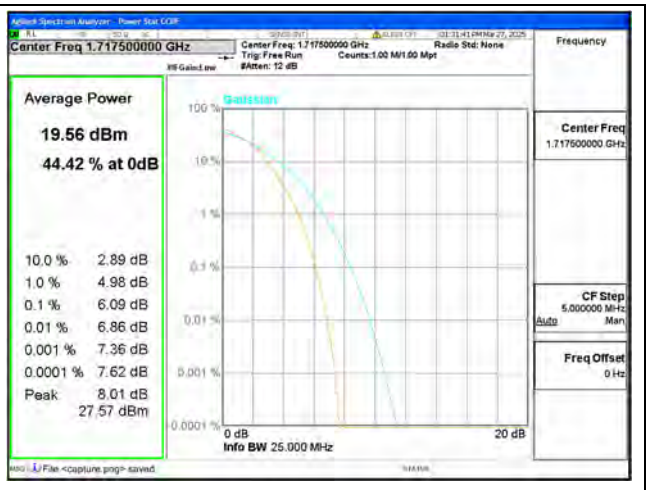


B66 / 10MHz / High CH / QPSK

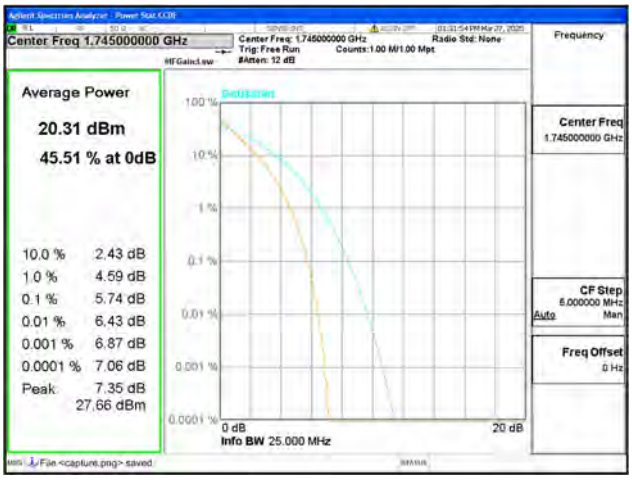


B66 / 10MHz / High CH / 16QAM

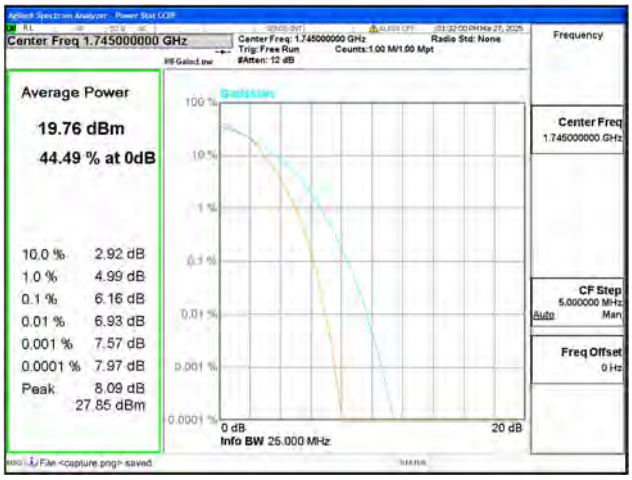
B66 / 15MHz / Low CH / QPSK



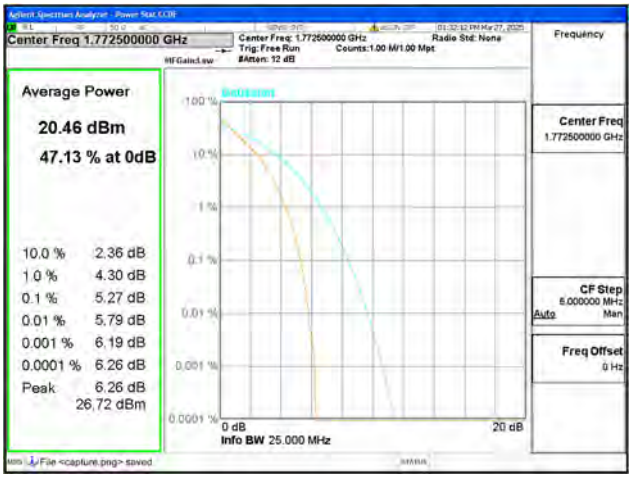
B66 / 15MHz / Low CH / 16QAM



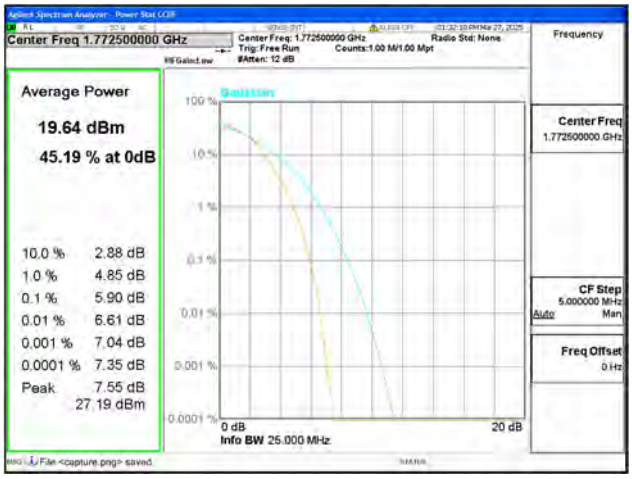
B66 / 15MHz / Mid CH / QPSK



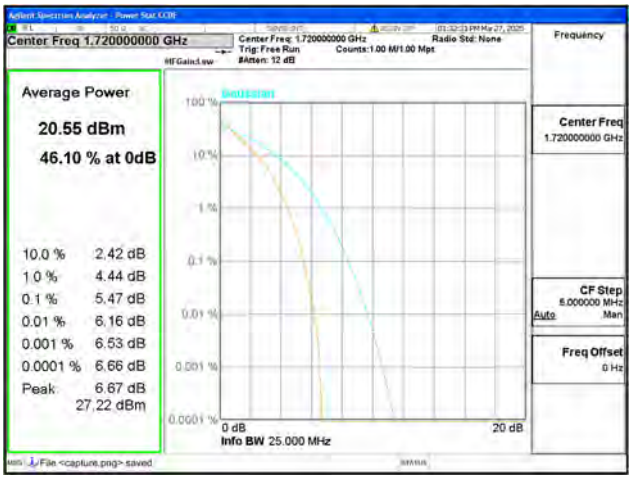
B66 / 15MHz / Mid CH / 16QAM



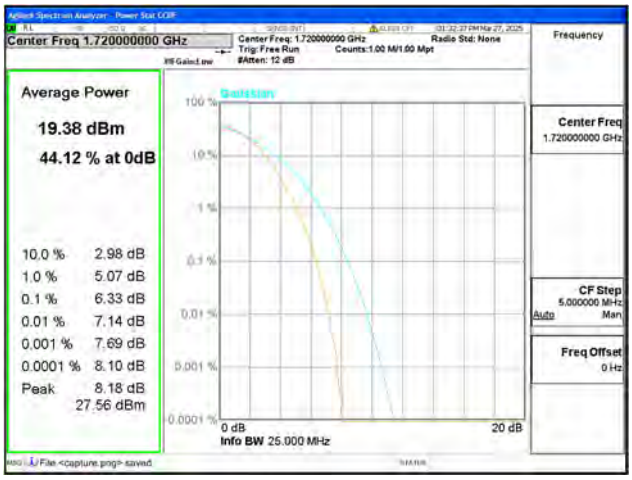
B66 / 15MHz / High CH / QPSK



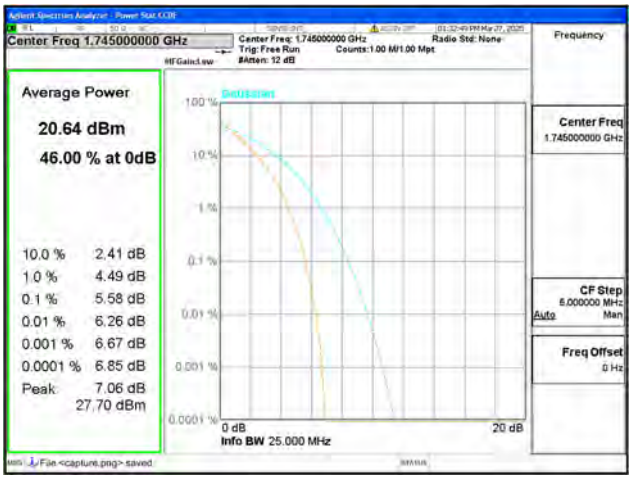
B66 / 15MHz / High CH / 16QAM



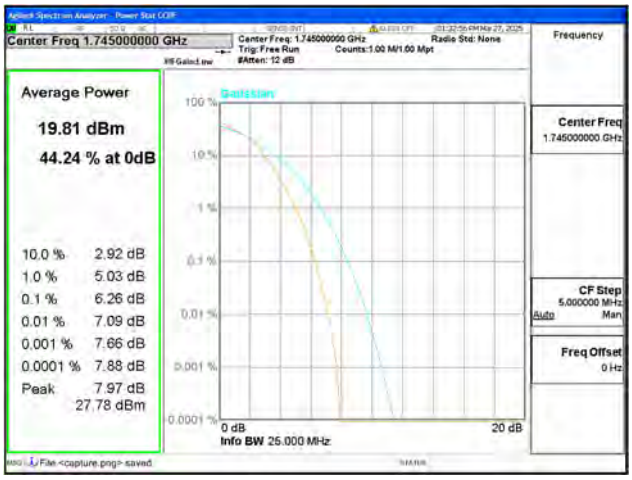
B66 / 20MHz / Low CH / QPSK



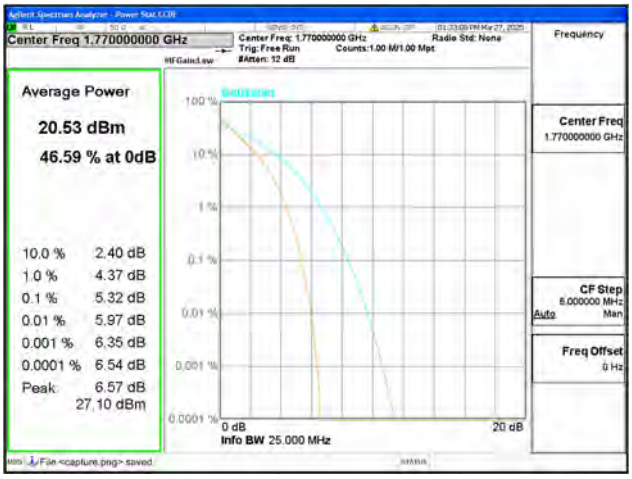
B66 / 20MHz / Low CH / 16QAM



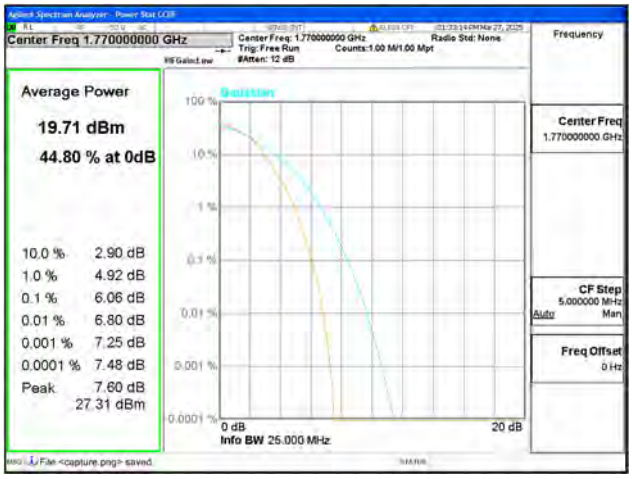
B66 / 20MHz / Mid CH / QPSK



B66 / 20MHz / Mid CH / 16QAM



B66 / 20MHz / High CH / QPSK



B66 / 20MHz / High CH / 16QAM

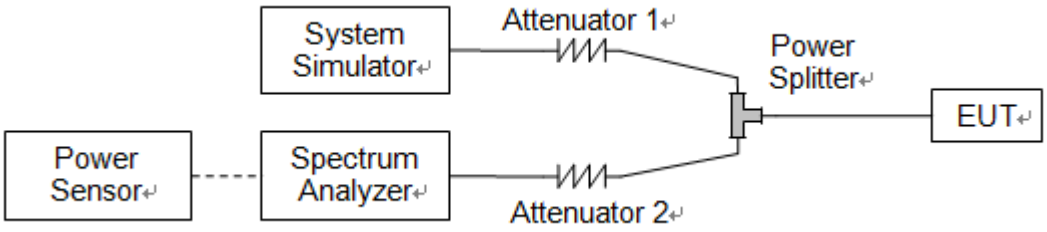
2.5. Conducted Spurious Emissions

2.5.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P)dB. This calculated to be -13dBm.

Additional requirement for LTE Band 7, 38, 41:
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. This calculated to be -25dBm.

2.5.2. 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.

2.5.3. Test Procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.