



REPORT No.: SZ24060210W04

TEST REPORT

APPLICANT : Sonim Technologies, Inc.

PRODUCT NAME : Mobile Hotspot

MODEL NAME : H500V

BRAND NAME : Sonim

FCC ID : WYPH500V

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart F&H&L&M

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Change History		
Version	Date	Reason for change
1.0	2024-09-20	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Hotspot	
Sample No.:	12#	
Hardware Version:	V2.0	
Software Version:	H50.0-03-5.4.0-15.32.00	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 66 Band 46(Rx)	
Carrier Aggregation(UL):	CA_13A-66A, CA_2A-13A, CA_2A-4A, CA_2A-5A, CA_2A-66A, CA_48C, CA_4A-13A, CA_4A-5A, CA_5A-66A, CA_66B, CA_66C	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



Frequency Range:	LTE Band 46	Rx: 5150MHz–5925MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	ANT 0: 2.40dBi; ANT 1: 2.17dBi
	LTE Band 4	ANT 0: 1.29dBi; ANT 1: 1.93dBi
	LTE Band 5	ANT 4: -1.14dBi;
	LTE Band 7	ANT 0: 0.35dBi;
	LTE Band 12	ANT 4: -2.61dBi;
	LTE Band 13	ANT 4: -2.58dBi;
	LTE Band 17	ANT 4: -2.61dBi;
	LTE Band 66	ANT 0: 1.29dBi; ANT 1: 1.93dBi
Accessory Information:	Battery	
	Brand Name:	sonim
	Model No.:	BAT-06000-01S
	Serial No.:	N/A
	Capacity:	6000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Guangdong Fenghua New Energy Co.,Ltd.



Accessory Information:	AC Adapter	
	Brand Name:	N/A
	Model No.:	1-CHUSQ302-097
	Serial No.:	N/A
	Rated Output:	5V $\pm$ 3A or 9V $\pm$ 2A or 12V $\pm$ 1.5A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.5A
	Manufacturer:	HUIZHOU PUAN ELEOTRONICS CO.,LTD

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

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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.318	0.265	0.204	0.104	17M9G7D	18M0W7D	17M9W7D	17M9W7D
15	0.316	0.266	0.205	0.104	13M5G7D	13M4W7D	13M4W7D	13M4W7D
10	0.315	0.269	0.207	0.103	8M97G7D	8M98W7D	8M97W7D	8M97W7D
5	0.316	0.264	0.204	0.104	4M49G7D	4M49W7D	4M49W7D	4M49W7D
3	0.313	0.264	0.206	0.104	2M71G7D	2M71W7D	2M71W7D	2M72W7D
1.4	0.316	0.266	0.206	0.103	1M10G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.308	0.256	0.196	0.100	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	0.305	0.259	0.200	0.097	13M4G7D	13M5W7D	13M5W7D	13M4W7D
10	0.304	0.252	0.199	0.100	8M96G7D	8M97W7D	8M96W7D	8M97W7D
5	0.305	0.258	0.195	0.101	4M48G7D	4M49W7D	4M48W7D	4M49W7D
3	0.302	0.256	0.198	0.099	2M71G7D	2M71W7D	2M71W7D	2M71W7D
1.4	0.303	0.251	0.198	0.099	1M11G7D	1M11W7D	1M11W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.142	0.118	0.092	0.043	8M96G7D	8M95W7D	8M95W7D	8M97W7D
5	0.142	0.120	0.092	0.043	4M48G7D	4M49W7D	4M48W7D	4M49W7D
3	0.141	0.120	0.092	0.044	2M71G7D	2M71W7D	2M71W7D	2M72W7D
1.4	0.140	0.118	0.092	0.044	1M11G7D	1M11W7D	1M11W7D	1M11W7D



LTE Band 7	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.372	0.310	0.237	0.116	17M9G7D	18M0W7D	17M9W7D	17M9W7D
15	0.370	0.310	0.234	0.115	13M5G7D	13M4W7D	13M4W7D	13M4W7D
10	0.368	0.308	0.236	0.116	8M97G7D	8M98W7D	8M95W7D	8M96W7D
5	0.366	0.305	0.239	0.113	4M48G7D	4M49W7D	4M49W7D	4M49W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.199	0.160	0.125	0.062	8M94G7D	8M96W7D	8M94W7D	8M96W7D
5	0.197	0.162	0.125	0.062	4M48G7D	4M49W7D	4M48W7D	4M49W7D
3	0.197	0.162	0.126	0.063	2M71G7D	2M72W7D	2M71W7D	2M71W7D
1.4	0.196	0.163	0.124	0.063	1M10G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 13	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.134	0.108	0.087	0.041	8M95G7D	8M91W7D	8M91W7D	8M92W7D
5	0.133	0.114	0.087	0.040	4M49G7D	4M49W7D	4M49W7D	4M48W7D
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.195	0.160	0.121	0.061	8M96G7D	8M95W7D	8M95W7D	8M94W7D
5	0.193	0.157	0.120	0.062	4M48G7D	4M48W7D	4M49W7D	4M49W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.316	0.266	0.205	0.099	17M9G7D	17M9W7D	18M0W7D	17M9W7D
15	0.313	0.261	0.204	0.099	13M5G7D	13M4W7D	13M4W7D	13M4W7D
10	0.312	0.262	0.204	0.100	8M97G7D	8M96W7D	8M96W7D	8M97W7D
5	0.313	0.261	0.200	0.099	4M48G7D	4M49W7D	4M49W7D	4M49W7D
3	0.310	0.260	0.202	0.097	2M71G7D	2M72W7D	2M72W7D	2M71W7D
1.4	0.311	0.262	0.203	0.098	1M10G7D	1M11W7D	1M10W7D	1M10W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Sep. 12, 2024	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Aug. 20, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Sep. 11, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Aug. 20, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Aug. 17, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a)	Band Edge	Aug. 17, 2024	Gan Jing	PASS	No deviation



24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Aug. 29&31, 2024	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&H&L&M Requirements

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

2.1.1. Requirement

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

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

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

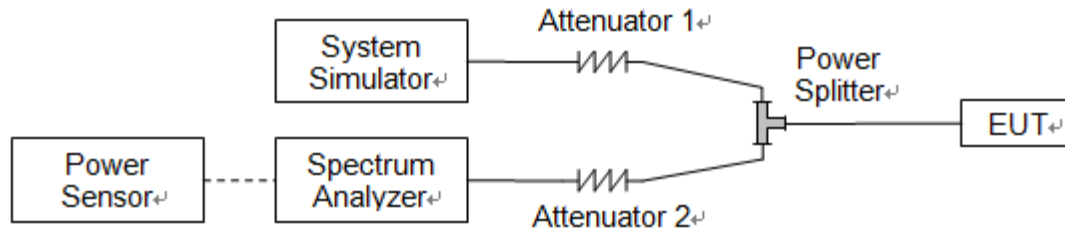
According to FCC section 22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.58	22.62	22.55
20	QPSK	1	49	22.52	22.57	22.50
20	QPSK	1	99	22.53	22.51	22.46
20	QPSK	50	0	21.67	21.71	21.65
20	QPSK	50	24	21.56	21.63	21.58
20	QPSK	50	50	21.51	21.60	21.49
20	QPSK	100	0	21.55	21.57	21.52
20	16QAM	1	0	21.77	21.83	21.78
20	16QAM	1	49	21.73	21.76	21.70
20	16QAM	1	99	21.66	21.74	21.67
20	16QAM	50	0	20.63	20.72	20.68
20	16QAM	50	24	20.56	20.66	20.60
20	16QAM	50	50	20.49	20.63	20.56
20	16QAM	100	0	20.54	20.58	20.61
20	64QAM	1	0	20.65	20.70	20.64
20	64QAM	1	49	20.58	20.65	20.56
20	64QAM	1	99	20.52	20.54	20.51
20	64QAM	50	0	19.58	19.66	19.60
20	64QAM	50	24	19.49	19.51	19.63
20	64QAM	50	50	19.54	19.59	19.55
20	64QAM	100	0	19.46	19.54	19.49
20	256QAM	1	0	17.71	17.76	17.50
20	256QAM	1	49	17.49	17.69	17.67
20	256QAM	1	99	17.67	17.54	17.52
20	256QAM	50	0	16.53	16.66	16.55
20	256QAM	50	24	16.49	16.64	16.69
20	256QAM	50	50	16.62	16.60	16.47
20	256QAM	100	0	16.53	16.63	16.44



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	22.58	22.60	22.54
15	QPSK	1	37	22.42	22.57	22.49
15	QPSK	1	74	22.56	22.54	22.48
15	QPSK	36	0	21.58	21.64	21.72
15	QPSK	36	20	21.53	21.56	21.51
15	QPSK	36	39	21.49	21.57	21.53
15	QPSK	75	0	21.50	21.48	21.52
15	16QAM	1	0	21.78	21.85	21.84
15	16QAM	1	37	21.80	21.76	21.68
15	16QAM	1	74	21.62	21.61	21.65
15	16QAM	36	0	20.51	20.77	20.74
15	16QAM	36	20	20.44	20.61	20.69
15	16QAM	36	39	20.55	20.61	20.63
15	16QAM	75	0	20.59	20.47	20.52
15	64QAM	1	0	20.61	20.72	20.68
15	64QAM	1	37	20.44	20.67	20.52
15	64QAM	1	74	20.52	20.45	20.44
15	64QAM	36	0	19.43	19.64	19.66
15	64QAM	36	20	19.49	19.60	19.60
15	64QAM	36	39	19.40	19.64	19.55
15	64QAM	75	0	19.45	19.60	19.39
15	256QAM	1	0	17.71	17.75	17.53
15	256QAM	1	37	17.46	17.67	17.75
15	256QAM	1	74	17.49	17.50	17.38
15	256QAM	36	0	16.40	16.73	16.60
15	256QAM	36	20	16.46	16.51	16.68
15	256QAM	36	39	16.48	16.44	16.49
15	256QAM	75	0	16.42	16.58	16.43



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	22.55	22.58	22.50
10	QPSK	1	25	22.48	22.56	22.53
10	QPSK	1	49	22.43	22.51	22.46
10	QPSK	25	0	21.65	21.63	21.68
10	QPSK	25	12	21.47	21.60	21.63
10	QPSK	25	25	21.60	21.50	21.45
10	QPSK	50	0	21.46	21.66	21.56
10	16QAM	1	0	21.78	21.90	21.75
10	16QAM	1	25	21.67	21.84	21.80
10	16QAM	1	49	21.52	21.75	21.75
10	16QAM	25	0	20.56	20.66	20.64
10	16QAM	25	12	20.51	20.68	20.67
10	16QAM	25	25	20.46	20.69	20.44
10	16QAM	50	0	20.45	20.57	20.68
10	64QAM	1	0	20.75	20.58	20.65
10	64QAM	1	25	20.55	20.65	20.52
10	64QAM	1	49	20.48	20.55	20.57
10	64QAM	25	0	19.49	19.64	19.48
10	64QAM	25	12	19.51	19.56	19.52
10	64QAM	25	25	19.61	19.48	19.56
10	64QAM	50	0	19.55	19.60	19.49
10	256QAM	1	0	17.57	17.74	17.44
10	256QAM	1	25	17.50	17.71	17.71
10	256QAM	1	49	17.60	17.45	17.47
10	256QAM	25	0	16.56	16.63	16.59
10	256QAM	25	12	16.39	16.64	16.67
10	256QAM	25	25	16.57	16.45	16.36
10	256QAM	50	0	16.42	16.64	16.50



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	22.58	22.59	22.54
5	QPSK	1	12	22.57	22.55	22.44
5	QPSK	1	24	22.51	22.55	22.47
5	QPSK	12	0	21.62	21.75	21.73
5	QPSK	12	7	21.58	21.67	21.57
5	QPSK	12	13	21.43	21.48	21.44
5	QPSK	25	0	21.64	21.57	21.58
5	16QAM	1	0	21.81	21.73	21.82
5	16QAM	1	12	21.63	21.81	21.68
5	16QAM	1	24	21.60	21.74	21.62
5	16QAM	12	0	20.51	20.74	20.78
5	16QAM	12	7	20.63	20.55	20.69
5	16QAM	12	13	20.49	20.53	20.47
5	16QAM	25	0	20.42	20.64	20.54
5	64QAM	1	0	20.59	20.70	20.51
5	64QAM	1	12	20.61	20.60	20.66
5	64QAM	1	24	20.50	20.63	20.37
5	64QAM	12	0	19.44	19.59	19.56
5	64QAM	12	7	19.56	19.47	19.55
5	64QAM	12	13	19.62	19.54	19.43
5	64QAM	25	0	19.41	19.42	19.40
5	256QAM	1	0	17.62	17.79	17.53
5	256QAM	1	12	17.52	17.67	17.66
5	256QAM	1	24	17.52	17.47	17.43
5	256QAM	12	0	16.51	16.66	16.62
5	256QAM	12	7	16.56	16.70	16.62
5	256QAM	12	13	16.61	16.49	16.39
5	256QAM	25	0	16.52	16.67	16.40



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	22.52	22.55	22.51
3	QPSK	1	8	22.39	22.43	22.48
3	QPSK	1	14	22.46	22.51	22.47
3	QPSK	8	0	21.65	21.56	21.51
3	QPSK	8	4	21.53	21.57	21.49
3	QPSK	8	7	21.51	21.66	21.42
3	QPSK	15	0	21.58	21.44	21.42
3	16QAM	1	0	21.62	21.81	21.75
3	16QAM	1	8	21.61	21.78	21.73
3	16QAM	1	14	21.74	21.60	21.55
3	16QAM	8	0	20.54	20.66	20.61
3	16QAM	8	4	20.63	20.75	20.58
3	16QAM	8	7	20.51	20.72	20.44
3	16QAM	15	0	20.40	20.46	20.54
3	64QAM	1	0	20.56	20.65	20.63
3	64QAM	1	8	20.49	20.74	20.64
3	64QAM	1	14	20.57	20.61	20.41
3	64QAM	8	0	19.67	19.73	19.66
3	64QAM	8	4	19.53	19.55	19.55
3	64QAM	8	7	19.42	19.58	19.56
3	64QAM	15	0	19.56	19.62	19.50
3	256QAM	1	0	17.75	17.74	17.44
3	256QAM	1	8	17.55	17.56	17.77
3	256QAM	1	14	17.57	17.48	17.58
3	256QAM	8	0	16.61	16.77	16.50
3	256QAM	8	4	16.50	16.61	16.58
3	256QAM	8	7	16.64	16.43	16.42
3	256QAM	15	0	16.53	16.62	16.42



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	22.52	22.59	22.51
1.4	QPSK	1	3	22.38	22.45	22.50
1.4	QPSK	1	5	22.56	22.50	22.50
1.4	QPSK	3	0	21.71	21.75	21.50
1.4	QPSK	3	1	21.65	21.70	21.50
1.4	QPSK	3	3	21.54	21.62	21.50
1.4	QPSK	6	0	21.50	21.45	21.40
1.4	16QAM	1	0	21.85	21.68	21.82
1.4	16QAM	1	3	21.64	21.71	21.55
1.4	16QAM	1	5	21.70	21.61	21.59
1.4	16QAM	3	0	20.54	20.74	20.63
1.4	16QAM	3	1	20.60	20.53	20.60
1.4	16QAM	3	3	20.54	20.49	20.47
1.4	16QAM	6	0	20.55	20.54	20.46
1.4	64QAM	1	0	20.51	20.74	20.59
1.4	64QAM	1	3	20.66	20.59	20.44
1.4	64QAM	1	5	20.53	20.61	20.41
1.4	64QAM	3	0	19.55	19.54	19.54
1.4	64QAM	3	1	19.52	19.61	19.70
1.4	64QAM	3	3	19.51	19.60	19.63
1.4	64QAM	6	0	19.55	19.52	19.51
1.4	256QAM	1	0	17.60	17.71	17.45
1.4	256QAM	1	3	17.48	17.61	17.70
1.4	256QAM	1	5	17.53	17.45	17.40
1.4	256QAM	3	0	16.56	16.66	16.51
1.4	256QAM	3	1	16.56	16.66	16.77
1.4	256QAM	3	3	16.52	16.53	16.39
1.4	256QAM	6	0	16.54	16.57	16.43



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	22.67	22.74	22.61
20	QPSK	1	49	22.49	22.65	22.47
20	QPSK	1	99	22.68	22.59	22.56
20	QPSK	50	0	21.77	21.79	21.75
20	QPSK	50	24	21.54	21.71	21.60
20	QPSK	50	50	21.63	21.78	21.62
20	QPSK	100	0	21.54	21.70	21.68
20	16QAM	1	0	21.95	21.95	21.72
20	16QAM	1	49	21.71	21.75	21.79
20	16QAM	1	99	21.71	21.71	21.62
20	16QAM	50	0	20.77	20.72	20.76
20	16QAM	50	24	20.64	20.76	20.54
20	16QAM	50	50	20.49	20.58	20.67
20	16QAM	100	0	20.68	20.66	20.62
20	64QAM	1	0	20.78	20.78	20.79
20	64QAM	1	49	20.71	20.72	20.72
20	64QAM	1	99	20.46	20.64	20.54
20	64QAM	50	0	19.69	19.65	19.66
20	64QAM	50	24	19.43	19.56	19.74
20	64QAM	50	50	19.68	19.58	19.60
20	64QAM	100	0	19.45	19.56	19.63
20	256QAM	1	0	17.68	17.74	17.59
20	256QAM	1	49	17.64	17.81	17.84
20	256QAM	1	99	17.67	17.63	17.55
20	256QAM	50	0	16.51	16.73	16.74
20	256QAM	50	24	16.47	16.74	16.66
20	256QAM	50	50	16.73	16.59	16.61
20	256QAM	100	0	16.49	16.71	16.40



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	22.64	22.71	22.65
15	QPSK	1	37	22.47	22.61	22.63
15	QPSK	1	74	22.65	22.56	22.51
15	QPSK	36	0	21.62	21.67	21.77
15	QPSK	36	20	21.67	21.82	21.72
15	QPSK	36	39	21.61	21.64	21.54
15	QPSK	75	0	21.73	21.61	21.63
15	16QAM	1	0	21.89	21.99	21.72
15	16QAM	1	37	21.82	21.78	21.80
15	16QAM	1	74	21.65	21.78	21.64
15	16QAM	36	0	20.59	20.90	20.68
15	16QAM	36	20	20.71	20.67	20.72
15	16QAM	36	39	20.66	20.76	20.52
15	16QAM	75	0	20.61	20.72	20.55
15	64QAM	1	0	20.68	20.88	20.83
15	64QAM	1	37	20.59	20.59	20.65
15	64QAM	1	74	20.66	20.63	20.51
15	64QAM	36	0	19.74	19.84	19.62
15	64QAM	36	20	19.59	19.67	19.65
15	64QAM	36	39	19.60	19.67	19.62
15	64QAM	75	0	19.51	19.61	19.47
15	256QAM	1	0	17.73	17.75	17.52
15	256QAM	1	37	17.54	17.70	17.68
15	256QAM	1	74	17.60	17.64	17.46
15	256QAM	36	0	16.56	16.74	16.57
15	256QAM	36	20	16.61	16.77	16.54
15	256QAM	36	39	16.58	16.65	16.45
15	256QAM	75	0	16.57	16.76	16.51



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	22.64	22.69	22.66
10	QPSK	1	25	22.47	22.61	22.56
10	QPSK	1	49	22.61	22.52	22.41
10	QPSK	25	0	21.62	21.82	21.66
10	QPSK	25	12	21.54	21.74	21.61
10	QPSK	25	25	21.62	21.78	21.66
10	QPSK	50	0	21.51	21.76	21.62
10	16QAM	1	0	21.72	21.83	21.85
10	16QAM	1	25	21.87	21.72	21.65
10	16QAM	1	49	21.80	21.71	21.77
10	16QAM	25	0	20.58	20.81	20.65
10	16QAM	25	12	20.67	20.66	20.67
10	16QAM	25	25	20.67	20.76	20.75
10	16QAM	50	0	20.53	20.72	20.80
10	64QAM	1	0	20.63	20.85	20.72
10	64QAM	1	25	20.52	20.78	20.60
10	64QAM	1	49	20.62	20.63	20.65
10	64QAM	25	0	19.69	19.72	19.74
10	64QAM	25	12	19.47	19.62	19.79
10	64QAM	25	25	19.54	19.68	19.51
10	64QAM	50	0	19.50	19.63	19.57
10	256QAM	1	0	17.74	17.84	17.64
10	256QAM	1	25	17.58	17.70	17.69
10	256QAM	1	49	17.68	17.58	17.66
10	256QAM	25	0	16.58	16.77	16.65
10	256QAM	25	12	16.60	16.62	16.73
10	256QAM	25	25	16.62	16.50	16.52
10	256QAM	50	0	16.64	16.66	16.50



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	22.61	22.70	22.67
5	QPSK	1	12	22.61	22.57	22.56
5	QPSK	1	24	22.53	22.57	22.61
5	QPSK	12	0	21.64	21.81	21.64
5	QPSK	12	7	21.66	21.80	21.60
5	QPSK	12	13	21.70	21.54	21.51
5	QPSK	25	0	21.71	21.56	21.62
5	16QAM	1	0	21.73	21.97	21.73
5	16QAM	1	12	21.89	21.89	21.69
5	16QAM	1	24	21.61	21.84	21.84
5	16QAM	12	0	20.61	20.89	20.73
5	16QAM	12	7	20.75	20.85	20.73
5	16QAM	12	13	20.68	20.66	20.54
5	16QAM	25	0	20.48	20.59	20.78
5	64QAM	1	0	20.76	20.69	20.71
5	64QAM	1	12	20.71	20.64	20.61
5	64QAM	1	24	20.68	20.67	20.60
5	64QAM	12	0	19.58	19.72	19.67
5	64QAM	12	7	19.51	19.60	19.68
5	64QAM	12	13	19.64	19.66	19.53
5	64QAM	25	0	19.64	19.58	19.45
5	256QAM	1	0	17.71	17.92	17.55
5	256QAM	1	12	17.61	17.63	17.65
5	256QAM	1	24	17.65	17.58	17.69
5	256QAM	12	0	16.51	16.78	16.69
5	256QAM	12	7	16.56	16.66	16.76
5	256QAM	12	13	16.70	16.52	16.51
5	256QAM	25	0	16.59	16.79	16.66



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	22.65	22.66	22.59
3	QPSK	1	8	22.64	22.62	22.61
3	QPSK	1	14	22.57	22.48	22.42
3	QPSK	8	0	21.81	21.74	21.73
3	QPSK	8	4	21.51	21.59	21.72
3	QPSK	8	7	21.64	21.55	21.45
3	QPSK	15	0	21.69	21.72	21.56
3	16QAM	1	0	21.81	21.93	21.94
3	16QAM	1	8	21.86	21.76	21.89
3	16QAM	1	14	21.83	21.79	21.86
3	16QAM	8	0	20.78	20.80	20.77
3	16QAM	8	4	20.61	20.67	20.79
3	16QAM	8	7	20.64	20.68	20.52
3	16QAM	15	0	20.68	20.56	20.66
3	64QAM	1	0	20.65	20.78	20.62
3	64QAM	1	8	20.62	20.82	20.72
3	64QAM	1	14	20.60	20.57	20.46
3	64QAM	8	0	19.60	19.70	19.74
3	64QAM	8	4	19.53	19.65	19.72
3	64QAM	8	7	19.63	19.58	19.57
3	64QAM	15	0	19.42	19.67	19.52
3	256QAM	1	0	17.72	17.80	17.54
3	256QAM	1	8	17.66	17.67	17.81
3	256QAM	1	14	17.68	17.50	17.46
3	256QAM	8	0	16.57	16.72	16.73
3	256QAM	8	4	16.63	16.63	16.71
3	256QAM	8	7	16.56	16.53	16.50
3	256QAM	15	0	16.57	16.78	16.54



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	22.64	22.67	22.62
1.4	QPSK	1	3	22.63	22.60	22.53
1.4	QPSK	1	5	22.54	22.64	22.56
1.4	QPSK	3	0	21.86	21.79	21.77
1.4	QPSK	3	1	21.56	21.72	21.71
1.4	QPSK	3	3	21.61	21.61	21.65
1.4	QPSK	6	0	21.71	21.71	21.52
1.4	16QAM	1	0	21.84	21.79	21.72
1.4	16QAM	1	3	21.76	21.81	21.75
1.4	16QAM	1	5	21.85	21.85	21.70
1.4	16QAM	3	0	20.70	20.84	20.69
1.4	16QAM	3	1	20.63	20.60	20.76
1.4	16QAM	3	3	20.66	20.69	20.71
1.4	16QAM	6	0	20.60	20.69	20.80
1.4	64QAM	1	0	20.72	20.75	20.74
1.4	64QAM	1	3	20.73	20.82	20.67
1.4	64QAM	1	5	20.61	20.66	20.61
1.4	64QAM	3	0	19.74	19.64	19.57
1.4	64QAM	3	1	19.59	19.61	19.60
1.4	64QAM	3	3	19.61	19.63	19.59
1.4	64QAM	6	0	19.61	19.63	19.44
1.4	256QAM	1	0	17.82	17.78	17.56
1.4	256QAM	1	3	17.50	17.67	17.76
1.4	256QAM	1	5	17.63	17.58	17.54
1.4	256QAM	3	0	16.62	16.73	16.62
1.4	256QAM	3	1	16.50	16.59	16.79
1.4	256QAM	3	3	16.71	16.53	16.55
1.4	256QAM	6	0	16.62	16.71	16.52



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	22.91	22.96	22.90
10	QPSK	1	25	22.92	22.89	22.82
10	QPSK	1	49	22.88	22.93	22.80
10	QPSK	25	0	21.91	21.97	21.87
10	QPSK	25	12	21.79	21.96	21.82
10	QPSK	25	25	21.96	21.96	21.92
10	QPSK	50	0	21.90	21.89	21.94
10	16QAM	1	0	22.09	22.12	22.00
10	16QAM	1	25	21.98	22.08	22.15
10	16QAM	1	49	21.92	21.94	22.11
10	16QAM	25	0	20.93	20.95	20.97
10	16QAM	25	12	20.97	21.07	20.91
10	16QAM	25	25	20.79	20.88	20.89
10	16QAM	50	0	20.96	20.90	20.84
10	64QAM	1	0	21.06	21.02	20.97
10	64QAM	1	25	20.97	20.85	20.80
10	64QAM	1	49	20.95	20.90	20.84
10	64QAM	25	0	19.85	19.90	19.97
10	64QAM	25	12	19.82	19.93	20.01
10	64QAM	25	25	19.90	19.96	19.80
10	64QAM	50	0	19.75	19.96	19.94
10	256QAM	1	0	17.80	17.71	17.59
10	256QAM	1	25	17.55	17.69	17.81
10	256QAM	1	49	17.70	17.53	17.56
10	256QAM	25	0	16.57	16.80	16.65
10	256QAM	25	12	16.49	16.58	16.73
10	256QAM	25	25	16.68	16.56	16.49
10	256QAM	50	0	16.59	16.68	16.44



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	22.90	22.94	22.88
5	QPSK	1	12	22.74	22.95	22.94
5	QPSK	1	24	22.84	22.95	22.68
5	QPSK	12	0	21.98	22.10	21.90
5	QPSK	12	7	21.84	22.06	22.02
5	QPSK	12	13	21.82	21.81	21.91
5	QPSK	25	0	21.76	21.99	21.82
5	16QAM	1	0	21.99	22.21	22.01
5	16QAM	1	12	21.96	22.09	22.07
5	16QAM	1	24	22.00	21.99	21.98
5	16QAM	12	0	20.94	20.93	20.90
5	16QAM	12	7	20.85	21.10	20.99
5	16QAM	12	13	20.82	21.03	20.91
5	16QAM	25	0	20.76	20.95	20.89
5	64QAM	1	0	20.99	21.07	20.84
5	64QAM	1	12	20.98	21.01	20.98
5	64QAM	1	24	20.85	20.74	20.94
5	64QAM	12	0	19.89	20.03	19.93
5	64QAM	12	7	19.93	19.81	19.86
5	64QAM	12	13	19.95	19.96	19.89
5	64QAM	25	0	19.86	19.76	19.71
5	256QAM	1	0	17.79	17.79	17.64
5	256QAM	1	12	17.64	17.72	17.69
5	256QAM	1	24	17.57	17.60	17.52
5	256QAM	12	0	16.56	16.73	16.67
5	256QAM	12	7	16.60	16.75	16.70
5	256QAM	12	13	16.67	16.59	16.48
5	256QAM	25	0	16.52	16.75	16.54



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	22.83	22.91	22.78
3	QPSK	1	8	22.81	22.83	22.76
3	QPSK	1	14	22.79	22.87	22.90
3	QPSK	8	0	22.03	21.99	22.04
3	QPSK	8	4	21.85	22.05	21.82
3	QPSK	8	7	21.93	22.04	21.78
3	QPSK	15	0	21.92	21.78	21.80
3	16QAM	1	0	22.00	22.12	22.05
3	16QAM	1	8	21.96	22.21	21.90
3	16QAM	1	14	22.10	22.16	22.09
3	16QAM	8	0	20.95	20.98	20.89
3	16QAM	8	4	20.92	21.08	21.04
3	16QAM	8	7	20.73	20.95	20.94
3	16QAM	15	0	20.77	20.90	20.98
3	64QAM	1	0	21.07	21.06	20.85
3	64QAM	1	8	20.95	21.08	20.87
3	64QAM	1	14	20.86	20.93	20.78
3	64QAM	8	0	19.94	20.01	19.81
3	64QAM	8	4	19.80	19.88	19.95
3	64QAM	8	7	19.77	19.89	19.90
3	64QAM	15	0	19.71	19.90	19.90
3	256QAM	1	0	17.76	17.79	17.52
3	256QAM	1	8	17.51	17.74	17.83
3	256QAM	1	14	17.59	17.51	17.47
3	256QAM	8	0	16.46	16.69	16.66
3	256QAM	8	4	16.49	16.57	16.68
3	256QAM	8	7	16.70	16.57	16.51
3	256QAM	15	0	16.57	16.71	16.45



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.86	22.88	22.85
1.4	QPSK	1	3	22.82	22.90	22.88
1.4	QPSK	1	5	22.86	22.83	22.76
1.4	QPSK	3	0	21.87	22.00	21.89
1.4	QPSK	3	1	21.92	22.08	21.83
1.4	QPSK	3	3	21.86	21.98	21.87
1.4	QPSK	6	0	21.87	22.01	21.87
1.4	16QAM	1	0	22.12	22.10	21.98
1.4	16QAM	1	3	22.11	22.14	22.05
1.4	16QAM	1	5	22.10	22.02	21.88
1.4	16QAM	3	0	20.91	21.00	20.96
1.4	16QAM	3	1	20.84	21.02	20.80
1.4	16QAM	3	3	20.85	20.98	20.88
1.4	16QAM	6	0	20.76	20.97	20.93
1.4	64QAM	1	0	21.08	21.07	20.96
1.4	64QAM	1	3	20.87	20.89	21.00
1.4	64QAM	1	5	20.74	20.75	20.81
1.4	64QAM	3	0	19.90	20.02	19.93
1.4	64QAM	3	1	19.89	19.83	20.06
1.4	64QAM	3	3	19.82	19.84	19.91
1.4	64QAM	6	0	19.72	19.98	19.91
1.4	256QAM	1	0	17.71	17.90	17.58
1.4	256QAM	1	3	17.63	17.78	17.79
1.4	256QAM	1	5	17.67	17.55	17.69
1.4	256QAM	3	0	16.53	16.83	16.71
1.4	256QAM	3	1	16.62	16.64	16.78
1.4	256QAM	3	3	16.61	16.62	16.69
1.4	256QAM	6	0	16.50	16.62	16.41



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	22.87	22.96	22.90
20	QPSK	1	49	22.76	22.88	22.73
20	QPSK	1	99	22.82	22.76	22.70
20	QPSK	50	0	21.95	22.10	22.01
20	QPSK	50	24	21.73	22.00	21.90
20	QPSK	50	50	21.72	21.77	21.78
20	QPSK	100	0	21.93	21.78	21.75
20	16QAM	1	0	21.94	22.03	22.16
20	16QAM	1	49	21.91	22.05	22.03
20	16QAM	1	99	21.85	21.96	21.98
20	16QAM	50	0	20.82	21.04	20.96
20	16QAM	50	24	20.94	20.82	20.86
20	16QAM	50	50	20.77	20.92	20.75
20	16QAM	100	0	20.71	20.94	20.90
20	64QAM	1	0	20.99	20.95	20.96
20	64QAM	1	49	20.91	20.80	20.92
20	64QAM	1	99	20.83	20.91	20.91
20	64QAM	50	0	19.75	20.02	19.89
20	64QAM	50	24	19.81	19.82	19.91
20	64QAM	50	50	19.94	19.97	19.74
20	64QAM	100	0	19.67	19.84	19.84
20	256QAM	1	0	17.69	17.88	17.49
20	256QAM	1	49	17.65	17.63	17.73
20	256QAM	1	99	17.66	17.56	17.53
20	256QAM	50	0	16.55	16.75	16.66
20	256QAM	50	24	16.45	16.62	16.69
20	256QAM	50	50	16.60	16.57	16.58
20	256QAM	100	0	16.49	16.63	16.53



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	22.89	22.93	22.83
15	QPSK	1	37	22.85	22.77	22.89
15	QPSK	1	74	22.72	22.84	22.79
15	QPSK	36	0	21.99	21.89	21.88
15	QPSK	36	20	21.73	21.85	21.78
15	QPSK	36	39	21.91	21.96	21.64
15	QPSK	75	0	21.77	21.91	21.72
15	16QAM	1	0	22.17	22.09	22.00
15	16QAM	1	37	21.95	22.12	21.97
15	16QAM	1	74	22.03	21.94	21.82
15	16QAM	36	0	20.95	20.94	21.06
15	16QAM	36	20	20.72	20.99	20.81
15	16QAM	36	39	20.86	20.99	20.91
15	16QAM	75	0	20.80	20.76	20.93
15	64QAM	1	0	20.91	20.88	20.88
15	64QAM	1	37	20.95	20.86	20.88
15	64QAM	1	74	20.70	20.74	20.70
15	64QAM	36	0	19.75	19.96	19.98
15	64QAM	36	20	19.67	19.86	19.84
15	64QAM	36	39	19.94	19.87	19.71
15	64QAM	75	0	19.74	19.94	19.82
15	256QAM	1	0	17.72	17.87	17.49
15	256QAM	1	37	17.48	17.64	17.56
15	256QAM	1	74	17.60	17.54	17.50
15	256QAM	36	0	16.53	16.68	16.63
15	256QAM	36	20	16.48	16.76	16.68
15	256QAM	36	39	16.68	16.58	16.44
15	256QAM	75	0	16.53	16.62	16.41



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	22.87	22.91	22.84
10	QPSK	1	25	22.87	22.78	22.86
10	QPSK	1	49	22.74	22.87	22.76
10	QPSK	25	0	21.89	21.89	22.00
10	QPSK	25	12	21.84	21.78	21.91
10	QPSK	25	25	21.72	21.87	21.77
10	QPSK	50	0	21.95	21.72	21.78
10	16QAM	1	0	22.03	22.13	21.98
10	16QAM	1	25	21.91	22.10	21.96
10	16QAM	1	49	22.01	22.03	21.84
10	16QAM	25	0	21.03	21.04	20.90
10	16QAM	25	12	20.73	20.88	20.88
10	16QAM	25	25	20.70	20.78	20.79
10	16QAM	50	0	20.85	20.73	20.92
10	64QAM	1	0	20.98	20.95	20.91
10	64QAM	1	25	20.94	20.88	20.76
10	64QAM	1	49	20.88	20.91	20.84
10	64QAM	25	0	19.83	20.06	19.97
10	64QAM	25	12	19.77	19.90	19.96
10	64QAM	25	25	19.93	19.91	19.80
10	64QAM	50	0	19.66	19.74	19.73
10	256QAM	1	0	17.68	17.89	17.56
10	256QAM	1	25	17.56	17.61	17.65
10	256QAM	1	49	17.71	17.52	17.53
10	256QAM	25	0	16.46	16.75	16.69
10	256QAM	25	12	16.56	16.73	16.68
10	256QAM	25	25	16.54	16.63	16.52
10	256QAM	50	0	16.51	16.65	16.37



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	22.86	22.88	22.76
5	QPSK	1	12	22.85	22.86	22.75
5	QPSK	1	24	22.82	22.81	22.72
5	QPSK	12	0	22.02	22.03	21.96
5	QPSK	12	7	21.87	21.86	21.91
5	QPSK	12	13	21.78	21.97	21.69
5	QPSK	25	0	21.77	21.89	21.74
5	16QAM	1	0	22.10	22.03	22.09
5	16QAM	1	12	22.01	21.97	22.03
5	16QAM	1	24	21.98	22.02	21.95
5	16QAM	12	0	20.96	21.11	20.89
5	16QAM	12	7	20.84	20.97	20.96
5	16QAM	12	13	20.75	20.82	20.88
5	16QAM	25	0	20.81	20.98	20.91
5	64QAM	1	0	21.03	21.03	20.94
5	64QAM	1	12	20.91	20.88	20.77
5	64QAM	1	24	20.75	20.89	20.67
5	64QAM	12	0	19.80	19.96	19.80
5	64QAM	12	7	19.76	19.86	20.00
5	64QAM	12	13	19.82	19.80	19.77
5	64QAM	25	0	19.69	19.81	19.88
5	256QAM	1	0	17.71	17.78	17.64
5	256QAM	1	12	17.64	17.70	17.74
5	256QAM	1	24	17.67	17.58	17.56
5	256QAM	12	0	16.60	16.76	16.69
5	256QAM	12	7	16.54	16.66	16.65
5	256QAM	12	13	16.62	16.65	16.46
5	256QAM	25	0	16.52	16.62	16.46



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	22.74	22.83	22.77
10	QPSK	1	25	22.62	22.76	22.58
10	QPSK	1	49	22.71	22.62	22.59
10	QPSK	25	0	21.77	21.84	21.75
10	QPSK	25	12	21.61	21.69	21.62
10	QPSK	25	25	21.48	21.65	21.67
10	QPSK	50	0	21.55	21.66	21.52
10	16QAM	1	0	21.90	21.83	21.83
10	16QAM	1	25	21.89	21.90	21.88
10	16QAM	1	49	21.76	21.71	21.73
10	16QAM	25	0	20.62	20.72	20.70
10	16QAM	25	12	20.51	20.76	20.71
10	16QAM	25	25	20.63	20.58	20.76
10	16QAM	50	0	20.54	20.70	20.60
10	64QAM	1	0	20.71	20.68	20.82
10	64QAM	1	25	20.61	20.77	20.55
10	64QAM	1	49	20.67	20.58	20.56
10	64QAM	25	0	19.68	19.70	19.76
10	64QAM	25	12	19.51	19.65	19.74
10	64QAM	25	25	19.50	19.57	19.51
10	64QAM	50	0	19.45	19.58	19.50
10	256QAM	1	0	17.66	17.80	17.61
10	256QAM	1	25	17.52	17.76	17.68
10	256QAM	1	49	17.63	17.56	17.55
10	256QAM	25	0	16.59	16.78	16.67
10	256QAM	25	12	16.59	16.73	16.78
10	256QAM	25	25	16.55	16.67	16.50
10	256QAM	50	0	16.42	16.73	16.40



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.70	22.80	22.70
5	QPSK	1	12	22.49	22.63	22.58
5	QPSK	1	24	22.58	22.58	22.47
5	QPSK	12	0	21.70	21.82	21.60
5	QPSK	12	7	21.58	21.68	21.73
5	QPSK	12	13	21.71	21.64	21.62
5	QPSK	25	0	21.54	21.65	21.60
5	16QAM	1	0	21.81	21.89	21.86
5	16QAM	1	12	21.89	21.94	21.75
5	16QAM	1	24	21.84	21.76	21.64
5	16QAM	12	0	20.79	20.74	20.79
5	16QAM	12	7	20.54	20.81	20.56
5	16QAM	12	13	20.49	20.59	20.60
5	16QAM	25	0	20.65	20.72	20.80
5	64QAM	1	0	20.83	20.83	20.77
5	64QAM	1	12	20.67	20.69	20.73
5	64QAM	1	24	20.49	20.67	20.47
5	64QAM	12	0	19.77	19.65	19.77
5	64QAM	12	7	19.57	19.70	19.63
5	64QAM	12	13	19.50	19.58	19.68
5	64QAM	25	0	19.62	19.51	19.59
5	256QAM	1	0	17.65	17.74	17.45
5	256QAM	1	12	17.46	17.71	17.70
5	256QAM	1	24	17.63	17.48	17.49
5	256QAM	12	0	16.57	16.78	16.60
5	256QAM	12	7	16.47	16.66	16.84
5	256QAM	12	13	16.70	16.50	16.55
5	256QAM	25	0	16.59	16.69	16.51



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.73	22.79	22.70
3	QPSK	1	8	22.62	22.53	22.67
3	QPSK	1	14	22.51	22.63	22.51
3	QPSK	8	0	21.65	21.67	21.60
3	QPSK	8	4	21.71	21.77	21.54
3	QPSK	8	7	21.62	21.58	21.62
3	QPSK	15	0	21.73	21.57	21.68
3	16QAM	1	0	21.94	21.95	21.94
3	16QAM	1	8	21.74	21.93	21.71
3	16QAM	1	14	21.70	21.83	21.84
3	16QAM	8	0	20.77	20.90	20.88
3	16QAM	8	4	20.62	20.80	20.67
3	16QAM	8	7	20.63	20.72	20.72
3	16QAM	15	0	20.62	20.54	20.75
3	64QAM	1	0	20.63	20.81	20.81
3	64QAM	1	8	20.65	20.85	20.65
3	64QAM	1	14	20.69	20.61	20.59
3	64QAM	8	0	19.65	19.82	19.73
3	64QAM	8	4	19.63	19.55	19.75
3	64QAM	8	7	19.67	19.62	19.64
3	64QAM	15	0	19.46	19.67	19.50
3	256QAM	1	0	17.70	17.86	17.61
3	256QAM	1	8	17.52	17.74	17.83
3	256QAM	1	14	17.69	17.45	17.56
3	256QAM	8	0	16.48	16.69	16.56
3	256QAM	8	4	16.52	16.68	16.81
3	256QAM	8	7	16.63	16.64	16.48
3	256QAM	15	0	16.47	16.68	16.44



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.69	22.77	22.65
1.4	QPSK	1	3	22.67	22.59	22.69
1.4	QPSK	1	5	22.54	22.65	22.63
1.4	QPSK	3	0	21.62	21.79	21.70
1.4	QPSK	3	1	21.51	21.63	21.63
1.4	QPSK	3	3	21.70	21.65	21.66
1.4	QPSK	6	0	21.54	21.74	21.64
1.4	16QAM	1	0	21.72	21.85	21.96
1.4	16QAM	1	3	21.83	21.91	21.87
1.4	16QAM	1	5	21.79	21.75	21.82
1.4	16QAM	3	0	20.64	20.67	20.88
1.4	16QAM	3	1	20.69	20.77	20.68
1.4	16QAM	3	3	20.51	20.80	20.66
1.4	16QAM	6	0	20.56	20.61	20.77
1.4	64QAM	1	0	20.60	20.79	20.79
1.4	64QAM	1	3	20.73	20.61	20.61
1.4	64QAM	1	5	20.60	20.50	20.49
1.4	64QAM	3	0	19.55	19.63	19.61
1.4	64QAM	3	1	19.47	19.68	19.61
1.4	64QAM	3	3	19.65	19.56	19.55
1.4	64QAM	6	0	19.46	19.65	19.59
1.4	256QAM	1	0	17.80	17.86	17.53
1.4	256QAM	1	3	17.50	17.67	17.69
1.4	256QAM	1	5	17.63	17.59	17.56
1.4	256QAM	3	0	16.46	16.79	16.72
1.4	256QAM	3	1	16.60	16.58	16.66
1.4	256QAM	3	3	16.57	16.50	16.50
1.4	256QAM	6	0	16.49	16.81	16.49



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	/	22.98	/
10	QPSK	1	25	/	22.89	/
10	QPSK	1	49	/	22.83	/
10	QPSK	25	0	/	22.13	/
10	QPSK	25	12	/	21.89	/
10	QPSK	25	25	/	22.00	/
10	QPSK	50	0	/	21.84	/
10	16QAM	1	0	/	22.04	/
10	16QAM	1	25	/	21.96	/
10	16QAM	1	49	/	21.97	/
10	16QAM	25	0	/	21.04	/
10	16QAM	25	12	/	20.97	/
10	16QAM	25	25	/	21.02	/
10	16QAM	50	0	/	20.94	/
10	64QAM	1	0	/	21.09	/
10	64QAM	1	25	/	20.86	/
10	64QAM	1	49	/	20.82	/
10	64QAM	25	0	/	20.02	/
10	64QAM	25	12	/	19.78	/
10	64QAM	25	25	/	19.95	/
10	64QAM	50	0	/	19.95	/
10	256QAM	1	0	/	17.83	/
10	256QAM	1	25	/	17.77	/
10	256QAM	1	49	/	17.61	/
10	256QAM	25	0	/	16.71	/
10	256QAM	25	12	/	16.63	/
10	256QAM	25	25	/	16.50	/
10	256QAM	50	0	/	16.78	/



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	22.91	22.95	22.88
5	QPSK	1	12	22.73	22.79	22.87
5	QPSK	1	24	22.89	22.87	22.91
5	QPSK	12	0	22.02	22.06	21.97
5	QPSK	12	7	21.78	22.01	21.96
5	QPSK	12	13	21.73	21.81	21.81
5	QPSK	25	0	21.86	21.84	21.92
5	16QAM	1	0	22.11	22.27	22.12
5	16QAM	1	12	22.10	21.97	21.93
5	16QAM	1	24	22.10	21.97	22.12
5	16QAM	12	0	21.03	20.93	20.91
5	16QAM	12	7	20.86	20.98	20.87
5	16QAM	12	13	20.87	21.08	20.94
5	16QAM	25	0	20.94	20.96	20.87
5	64QAM	1	0	20.90	21.10	20.98
5	64QAM	1	12	20.81	21.07	20.87
5	64QAM	1	24	20.89	20.92	20.88
5	64QAM	12	0	19.83	20.08	19.84
5	64QAM	12	7	19.78	19.87	19.83
5	64QAM	12	13	19.91	19.98	19.87
5	64QAM	25	0	19.82	19.94	19.76
5	256QAM	1	0	17.74	17.75	17.48
5	256QAM	1	12	17.59	17.61	17.67
5	256QAM	1	24	17.54	17.43	17.39
5	256QAM	12	0	16.49	16.72	16.73
5	256QAM	12	7	16.45	16.56	16.75
5	256QAM	12	13	16.70	16.68	16.39
5	256QAM	25	0	16.50	16.74	16.46



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	22.67	22.74	22.65
10	QPSK	1	25	22.53	22.43	22.41
10	QPSK	1	49	22.47	22.51	22.50
10	QPSK	25	0	21.68	21.73	21.69
10	QPSK	25	12	21.57	21.45	21.59
10	QPSK	25	25	21.47	21.55	21.47
10	QPSK	50	0	21.49	21.40	21.48
10	16QAM	1	0	21.83	21.88	21.75
10	16QAM	1	25	21.70	21.60	21.75
10	16QAM	1	49	21.64	21.77	21.56
10	16QAM	25	0	20.54	20.74	20.73
10	16QAM	25	12	20.50	20.57	20.44
10	16QAM	25	25	20.47	20.66	20.45
10	16QAM	50	0	20.45	20.58	20.45
10	64QAM	1	0	20.61	20.68	20.60
10	64QAM	1	25	20.50	20.66	20.51
10	64QAM	1	49	20.44	20.52	20.42
10	64QAM	25	0	19.54	19.69	19.50
10	64QAM	25	12	19.38	19.41	19.50
10	64QAM	25	25	19.57	19.41	19.37
10	64QAM	50	0	19.44	19.38	19.31
10	256QAM	1	0	17.72	17.71	17.49
10	256QAM	1	25	17.63	17.73	17.63
10	256QAM	1	49	17.58	17.60	17.45
10	256QAM	25	0	16.54	16.69	16.72
10	256QAM	25	12	16.48	16.71	16.71
10	256QAM	25	25	16.67	16.53	16.52
10	256QAM	50	0	16.55	16.74	16.50



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	22.63	22.70	22.57
5	QPSK	1	12	22.49	22.39	22.38
5	QPSK	1	24	22.41	22.49	22.50
5	QPSK	12	0	21.48	21.66	21.56
5	QPSK	12	7	21.38	21.58	21.43
5	QPSK	12	13	21.44	21.54	21.48
5	QPSK	25	0	21.40	21.45	21.42
5	16QAM	1	0	21.82	21.69	21.67
5	16QAM	1	12	21.71	21.79	21.72
5	16QAM	1	24	21.51	21.63	21.55
5	16QAM	12	0	20.68	20.69	20.65
5	16QAM	12	7	20.40	20.61	20.59
5	16QAM	12	13	20.55	20.46	20.43
5	16QAM	25	0	20.43	20.44	20.47
5	64QAM	1	0	20.51	20.56	20.52
5	64QAM	1	12	20.59	20.64	20.60
5	64QAM	1	24	20.41	20.39	20.45
5	64QAM	12	0	19.62	19.63	19.55
5	64QAM	12	7	19.31	19.45	19.52
5	64QAM	12	13	19.55	19.63	19.52
5	64QAM	25	0	19.42	19.46	19.44
5	256QAM	1	0	17.75	17.76	17.59
5	256QAM	1	12	17.46	17.67	17.77
5	256QAM	1	24	17.54	17.44	17.41
5	256QAM	12	0	16.57	16.72	16.56
5	256QAM	12	7	16.50	16.64	16.69
5	256QAM	12	13	16.53	16.55	16.49
5	256QAM	25	0	16.50	16.65	16.43



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	22.74	22.85	22.77
20	QPSK	1	49	22.56	22.71	22.67
20	QPSK	1	99	22.59	22.66	22.58
20	QPSK	50	0	21.82	21.86	21.74
20	QPSK	50	24	21.67	21.79	21.80
20	QPSK	50	50	21.68	21.75	21.50
20	QPSK	100	0	21.70	21.78	21.72
20	16QAM	1	0	21.93	21.90	21.84
20	16QAM	1	49	21.98	21.93	22.04
20	16QAM	1	99	21.94	22.11	21.84
20	16QAM	50	0	20.82	20.92	20.90
20	16QAM	50	24	20.74	20.86	20.70
20	16QAM	50	50	20.81	20.78	20.71
20	16QAM	100	0	20.57	20.79	20.80
20	64QAM	1	0	20.78	20.96	20.59
20	64QAM	1	49	20.75	20.78	20.61
20	64QAM	1	99	20.97	20.73	20.70
20	64QAM	50	0	19.78	19.92	19.67
20	64QAM	50	24	19.70	19.70	19.86
20	64QAM	50	50	19.88	19.66	19.69
20	64QAM	100	0	19.79	19.80	19.53
20	256QAM	1	0	17.66	17.81	17.49
20	256QAM	1	49	17.61	17.67	17.65
20	256QAM	1	99	17.54	17.57	17.54
20	256QAM	50	0	16.60	16.85	16.61
20	256QAM	50	24	16.56	16.57	16.64
20	256QAM	50	50	16.61	16.65	16.35
20	256QAM	100	0	16.61	16.63	16.48



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	22.71	22.82	22.79
15	QPSK	1	37	22.59	22.64	22.48
15	QPSK	1	74	22.66	22.62	22.65
15	QPSK	36	0	21.78	21.90	21.68
15	QPSK	36	20	21.68	21.85	21.65
15	QPSK	36	39	21.66	21.81	21.53
15	QPSK	75	0	21.69	21.73	21.78
15	16QAM	1	0	21.98	21.99	21.98
15	16QAM	1	37	21.99	21.91	22.03
15	16QAM	1	74	21.80	21.95	21.80
15	16QAM	36	0	20.86	20.94	20.88
15	16QAM	36	20	20.64	20.85	20.81
15	16QAM	36	39	20.81	20.88	20.64
15	16QAM	75	0	20.64	20.75	20.80
15	64QAM	1	0	20.72	20.95	20.76
15	64QAM	1	37	20.69	20.84	20.61
15	64QAM	1	74	20.80	20.83	20.68
15	64QAM	36	0	19.76	19.92	19.64
15	64QAM	36	20	19.78	19.63	19.80
15	64QAM	36	39	19.82	19.76	19.61
15	64QAM	75	0	19.73	19.89	19.56
15	256QAM	1	0	17.68	17.81	17.49
15	256QAM	1	37	17.46	17.80	17.66
15	256QAM	1	74	17.67	17.62	17.55
15	256QAM	36	0	16.50	16.72	16.68
15	256QAM	36	20	16.55	16.76	16.72
15	256QAM	36	39	16.56	16.55	16.46
15	256QAM	75	0	16.49	16.65	16.52



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	22.74	22.80	22.64
10	QPSK	1	25	22.63	22.77	22.50
10	QPSK	1	49	22.53	22.73	22.48
10	QPSK	25	0	21.89	21.91	21.68
10	QPSK	25	12	21.77	21.98	21.74
10	QPSK	25	25	21.70	21.82	21.66
10	QPSK	50	0	21.65	21.71	21.67
10	16QAM	1	0	21.90	21.91	21.98
10	16QAM	1	25	22.00	22.05	22.00
10	16QAM	1	49	21.94	21.96	21.86
10	16QAM	25	0	20.89	20.91	20.89
10	16QAM	25	12	20.68	20.94	20.74
10	16QAM	25	25	20.81	20.78	20.68
10	16QAM	50	0	20.68	20.74	20.81
10	64QAM	1	0	20.82	20.83	20.70
10	64QAM	1	25	20.67	20.71	20.71
10	64QAM	1	49	20.96	20.71	20.72
10	64QAM	25	0	19.67	19.97	19.62
10	64QAM	25	12	19.90	19.74	19.85
10	64QAM	25	25	19.78	19.66	19.60
10	64QAM	50	0	19.67	19.80	19.55
10	256QAM	1	0	17.65	17.88	17.56
10	256QAM	1	25	17.55	17.81	17.65
10	256QAM	1	49	17.72	17.44	17.46
10	256QAM	25	0	16.58	16.79	16.62
10	256QAM	25	12	16.55	16.69	16.82
10	256QAM	25	25	16.66	16.58	16.44
10	256QAM	50	0	16.49	16.66	16.51



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	22.76	22.81	22.68
5	QPSK	1	12	22.62	22.75	22.61
5	QPSK	1	24	22.51	22.65	22.50
5	QPSK	12	0	21.90	21.85	21.83
5	QPSK	12	7	21.80	21.91	21.79
5	QPSK	12	13	21.68	21.92	21.63
5	QPSK	25	0	21.74	21.69	21.72
5	16QAM	1	0	21.96	21.93	21.99
5	16QAM	1	12	21.92	22.01	22.02
5	16QAM	1	24	21.85	22.01	21.80
5	16QAM	12	0	20.92	21.03	20.91
5	16QAM	12	7	20.73	20.89	20.89
5	16QAM	12	13	20.73	20.76	20.74
5	16QAM	25	0	20.72	20.59	20.70
5	64QAM	1	0	20.81	20.88	20.75
5	64QAM	1	12	20.62	20.74	20.61
5	64QAM	1	24	20.86	20.66	20.62
5	64QAM	12	0	19.61	19.82	19.66
5	64QAM	12	7	19.71	19.64	19.72
5	64QAM	12	13	19.73	19.72	19.58
5	64QAM	25	0	19.75	19.78	19.59
5	256QAM	1	0	17.65	17.81	17.46
5	256QAM	1	12	17.47	17.77	17.75
5	256QAM	1	24	17.55	17.60	17.48
5	256QAM	12	0	16.61	16.69	16.72
5	256QAM	12	7	16.59	16.57	16.67
5	256QAM	12	13	16.60	16.52	16.50
5	256QAM	25	0	16.46	16.61	16.53



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	22.62	22.78	22.63
3	QPSK	1	8	22.67	22.73	22.50
3	QPSK	1	14	22.68	22.59	22.62
3	QPSK	8	0	21.85	21.88	21.76
3	QPSK	8	4	21.62	21.89	21.85
3	QPSK	8	7	21.64	21.78	21.61
3	QPSK	15	0	21.61	21.63	21.67
3	16QAM	1	0	21.90	21.92	21.99
3	16QAM	1	8	21.84	21.89	21.99
3	16QAM	1	14	21.95	22.01	21.73
3	16QAM	8	0	20.98	20.87	20.94
3	16QAM	8	4	20.77	20.84	20.77
3	16QAM	8	7	20.74	20.87	20.74
3	16QAM	15	0	20.60	20.75	20.80
3	64QAM	1	0	20.66	20.89	20.64
3	64QAM	1	8	20.61	20.78	20.78
3	64QAM	1	14	20.92	20.68	20.74
3	64QAM	8	0	19.66	19.91	19.65
3	64QAM	8	4	19.82	19.65	19.76
3	64QAM	8	7	19.77	19.83	19.65
3	64QAM	15	0	19.76	19.79	19.56
3	256QAM	1	0	17.69	17.71	17.63
3	256QAM	1	8	17.51	17.63	17.71
3	256QAM	1	14	17.62	17.56	17.47
3	256QAM	8	0	16.56	16.79	16.63
3	256QAM	8	4	16.61	16.60	16.71
3	256QAM	8	7	16.61	16.58	16.68
3	256QAM	15	0	16.49	16.61	16.56



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	22.71	22.79	22.73
1.4	QPSK	1	3	22.75	22.66	22.59
1.4	QPSK	1	5	22.51	22.63	22.57
1.4	QPSK	3	0	21.78	21.91	21.84
1.4	QPSK	3	1	21.73	21.83	21.69
1.4	QPSK	3	3	21.73	21.79	21.57
1.4	QPSK	6	0	21.69	21.66	21.81
1.4	16QAM	1	0	21.93	21.93	21.86
1.4	16QAM	1	3	22.01	22.05	21.95
1.4	16QAM	1	5	21.80	22.00	21.72
1.4	16QAM	3	0	20.85	20.90	20.78
1.4	16QAM	3	1	20.61	20.82	20.81
1.4	16QAM	3	3	20.70	20.91	20.75
1.4	16QAM	6	0	20.67	20.65	20.63
1.4	64QAM	1	0	20.73	20.93	20.67
1.4	64QAM	1	3	20.76	20.66	20.61
1.4	64QAM	1	5	20.91	20.84	20.66
1.4	64QAM	3	0	19.62	19.80	19.60
1.4	64QAM	3	1	19.79	19.75	19.83
1.4	64QAM	3	3	19.75	19.66	19.71
1.4	64QAM	6	0	19.85	19.87	19.69
1.4	256QAM	1	0	17.69	17.73	17.65
1.4	256QAM	1	3	17.57	17.76	17.76
1.4	256QAM	1	5	17.61	17.57	17.55
1.4	256QAM	3	0	16.57	16.74	16.73
1.4	256QAM	3	1	16.55	16.69	16.83
1.4	256QAM	3	3	16.52	16.50	16.47
1.4	256QAM	6	0	16.56	16.74	16.60

**Effective Radiated Power and Effective Isotropic Radiated Power**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.98	0.315	25.02	0.318	24.95	0.313
20	QPSK	1	49	24.92	0.310	24.97	0.314	24.90	0.309
20	QPSK	1	99	24.93	0.311	24.91	0.310	24.86	0.306
20	QPSK	50	0	24.07	0.255	24.11	0.258	24.05	0.254
20	QPSK	50	24	23.96	0.249	24.03	0.253	23.98	0.250
20	QPSK	50	50	23.91	0.246	24.00	0.251	23.89	0.245
20	QPSK	100	0	23.95	0.248	23.97	0.249	23.92	0.247
20	16QAM	1	0	24.17	0.261	24.23	0.265	24.18	0.262
20	16QAM	1	49	24.13	0.259	24.16	0.261	24.10	0.257
20	16QAM	1	99	24.06	0.255	24.14	0.259	24.07	0.255
20	16QAM	50	0	23.03	0.201	23.12	0.205	23.08	0.203
20	16QAM	50	24	22.96	0.198	23.06	0.202	23.00	0.200
20	16QAM	50	50	22.89	0.195	23.03	0.201	22.96	0.198
20	16QAM	100	0	22.94	0.197	22.98	0.199	23.01	0.200
20	64QAM	1	0	23.05	0.202	23.10	0.204	23.04	0.201
20	64QAM	1	49	22.98	0.199	23.05	0.202	22.96	0.198
20	64QAM	1	99	22.92	0.196	22.94	0.197	22.91	0.195
20	64QAM	50	0	21.98	0.158	22.06	0.161	22.00	0.158
20	64QAM	50	24	21.89	0.155	21.91	0.155	22.03	0.160
20	64QAM	50	50	21.94	0.156	21.99	0.158	21.95	0.157
20	64QAM	100	0	21.86	0.153	21.94	0.156	21.89	0.155
20	256QAM	1	0	20.11	0.103	20.16	0.104	19.90	0.098
20	256QAM	1	49	19.89	0.097	20.09	0.102	20.07	0.102
20	256QAM	1	99	20.07	0.102	19.94	0.099	19.92	0.098
20	256QAM	50	0	18.93	0.078	19.06	0.081	18.95	0.079
20	256QAM	50	24	18.89	0.077	19.04	0.080	19.09	0.081
20	256QAM	50	50	19.02	0.080	19.00	0.079	18.87	0.077
20	256QAM	100	0	18.93	0.078	19.03	0.080	18.84	0.077



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.98	0.315	25.00	0.316	24.94	0.312
15	QPSK	1	37	24.82	0.303	24.97	0.314	24.89	0.308
15	QPSK	1	74	24.96	0.313	24.94	0.312	24.88	0.308
15	QPSK	36	0	23.98	0.250	24.04	0.254	24.12	0.258
15	QPSK	36	20	23.93	0.247	23.96	0.249	23.91	0.246
15	QPSK	36	39	23.89	0.245	23.97	0.249	23.93	0.247
15	QPSK	75	0	23.90	0.245	23.88	0.244	23.92	0.247
15	16QAM	1	0	24.18	0.262	24.25	0.266	24.24	0.265
15	16QAM	1	37	24.20	0.263	24.16	0.261	24.08	0.256
15	16QAM	1	74	24.02	0.252	24.01	0.252	24.05	0.254
15	16QAM	36	0	22.91	0.195	23.17	0.207	23.14	0.206
15	16QAM	36	20	22.84	0.192	23.01	0.200	23.09	0.204
15	16QAM	36	39	22.95	0.197	23.01	0.200	23.03	0.201
15	16QAM	75	0	22.99	0.199	22.87	0.194	22.92	0.196
15	64QAM	1	0	23.01	0.200	23.12	0.205	23.08	0.203
15	64QAM	1	37	22.84	0.192	23.07	0.203	22.92	0.196
15	64QAM	1	74	22.92	0.196	22.85	0.193	22.84	0.192
15	64QAM	36	0	21.83	0.152	22.04	0.160	22.06	0.161
15	64QAM	36	20	21.89	0.155	22.00	0.158	22.00	0.158
15	64QAM	36	39	21.80	0.151	22.04	0.160	21.95	0.157
15	64QAM	75	0	21.85	0.153	22.00	0.158	21.79	0.151
15	256QAM	1	0	20.11	0.103	20.15	0.104	19.93	0.098
15	256QAM	1	37	19.86	0.097	20.07	0.102	20.15	0.104
15	256QAM	1	74	19.89	0.097	19.90	0.098	19.78	0.095
15	256QAM	36	0	18.80	0.076	19.13	0.082	19.00	0.079
15	256QAM	36	20	18.86	0.077	18.91	0.078	19.08	0.081
15	256QAM	36	39	18.88	0.077	18.84	0.077	18.89	0.077
15	256QAM	75	0	18.82	0.076	18.98	0.079	18.83	0.076



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.95	0.313	24.98	0.315	24.90	0.309
10	QPSK	1	25	24.88	0.308	24.96	0.313	24.93	0.311
10	QPSK	1	49	24.83	0.304	24.91	0.310	24.86	0.306
10	QPSK	25	0	24.05	0.254	24.03	0.253	24.08	0.256
10	QPSK	25	12	23.87	0.244	24.00	0.251	24.03	0.253
10	QPSK	25	25	24.00	0.251	23.90	0.245	23.85	0.243
10	QPSK	50	0	23.86	0.243	24.06	0.255	23.96	0.249
10	16QAM	1	0	24.18	0.262	24.30	0.269	24.15	0.260
10	16QAM	1	25	24.07	0.255	24.24	0.265	24.20	0.263
10	16QAM	1	49	23.92	0.247	24.15	0.260	24.15	0.260
10	16QAM	25	0	22.96	0.198	23.06	0.202	23.04	0.201
10	16QAM	25	12	22.91	0.195	23.08	0.203	23.07	0.203
10	16QAM	25	25	22.86	0.193	23.09	0.204	22.84	0.192
10	16QAM	50	0	22.85	0.193	22.97	0.198	23.08	0.203
10	64QAM	1	0	23.15	0.207	22.98	0.199	23.05	0.202
10	64QAM	1	25	22.95	0.197	23.05	0.202	22.92	0.196
10	64QAM	1	49	22.88	0.194	22.95	0.197	22.97	0.198
10	64QAM	25	0	21.89	0.155	22.04	0.160	21.88	0.154
10	64QAM	25	12	21.91	0.155	21.96	0.157	21.92	0.156
10	64QAM	25	25	22.01	0.159	21.88	0.154	21.96	0.157
10	64QAM	50	0	21.95	0.157	22.00	0.158	21.89	0.155
10	256QAM	1	0	19.97	0.099	20.14	0.103	19.84	0.096
10	256QAM	1	25	19.90	0.098	20.11	0.103	20.11	0.103
10	256QAM	1	49	20.00	0.100	19.85	0.097	19.87	0.097
10	256QAM	25	0	18.96	0.079	19.03	0.080	18.99	0.079
10	256QAM	25	12	18.79	0.076	19.04	0.080	19.07	0.081
10	256QAM	25	25	18.97	0.079	18.85	0.077	18.76	0.075
10	256QAM	50	0	18.82	0.076	19.04	0.080	18.90	0.078



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.98	0.315	24.99	0.316	24.94	0.312
5	QPSK	1	12	24.97	0.314	24.95	0.313	24.84	0.305
5	QPSK	1	24	24.91	0.310	24.95	0.313	24.87	0.307
5	QPSK	12	0	24.02	0.252	24.15	0.260	24.13	0.259
5	QPSK	12	7	23.98	0.250	24.07	0.255	23.97	0.249
5	QPSK	12	13	23.83	0.242	23.88	0.244	23.84	0.242
5	QPSK	25	0	24.04	0.254	23.97	0.249	23.98	0.250
5	16QAM	1	0	24.21	0.264	24.13	0.259	24.22	0.264
5	16QAM	1	12	24.03	0.253	24.21	0.264	24.08	0.256
5	16QAM	1	24	24.00	0.251	24.14	0.259	24.02	0.252
5	16QAM	12	0	22.91	0.195	23.14	0.206	23.18	0.208
5	16QAM	12	7	23.03	0.201	22.95	0.197	23.09	0.204
5	16QAM	12	13	22.89	0.195	22.93	0.196	22.87	0.194
5	16QAM	25	0	22.82	0.191	23.04	0.201	22.94	0.197
5	64QAM	1	0	22.99	0.199	23.10	0.204	22.91	0.195
5	64QAM	1	12	23.01	0.200	23.00	0.200	23.06	0.202
5	64QAM	1	24	22.90	0.195	23.03	0.201	22.77	0.189
5	64QAM	12	0	21.84	0.153	21.99	0.158	21.96	0.157
5	64QAM	12	7	21.96	0.157	21.87	0.154	21.95	0.157
5	64QAM	12	13	22.02	0.159	21.94	0.156	21.83	0.152
5	64QAM	25	0	21.81	0.152	21.82	0.152	21.80	0.151
5	256QAM	1	0	20.02	0.100	20.19	0.104	19.93	0.098
5	256QAM	1	12	19.92	0.098	20.07	0.102	20.06	0.101
5	256QAM	1	24	19.92	0.098	19.87	0.097	19.83	0.096
5	256QAM	12	0	18.91	0.078	19.06	0.081	19.02	0.080
5	256QAM	12	7	18.96	0.079	19.10	0.081	19.02	0.080
5	256QAM	12	13	19.01	0.080	18.89	0.077	18.79	0.076
5	256QAM	25	0	18.92	0.078	19.07	0.081	18.80	0.076



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.92	0.310	24.95	0.313	24.91	0.310
3	QPSK	1	8	24.79	0.301	24.83	0.304	24.88	0.308
3	QPSK	1	14	24.86	0.306	24.91	0.310	24.87	0.307
3	QPSK	8	0	24.05	0.254	23.96	0.249	23.91	0.246
3	QPSK	8	4	23.93	0.247	23.97	0.249	23.89	0.245
3	QPSK	8	7	23.91	0.246	24.06	0.255	23.82	0.241
3	QPSK	15	0	23.98	0.250	23.84	0.242	23.82	0.241
3	16QAM	1	0	24.02	0.252	24.21	0.264	24.15	0.260
3	16QAM	1	8	24.01	0.252	24.18	0.262	24.13	0.259
3	16QAM	1	14	24.14	0.259	24.00	0.251	23.95	0.248
3	16QAM	8	0	22.94	0.197	23.06	0.202	23.01	0.200
3	16QAM	8	4	23.03	0.201	23.15	0.207	22.98	0.199
3	16QAM	8	7	22.91	0.195	23.12	0.205	22.84	0.192
3	16QAM	15	0	22.80	0.191	22.86	0.193	22.94	0.197
3	64QAM	1	0	22.96	0.198	23.05	0.202	23.03	0.201
3	64QAM	1	8	22.89	0.195	23.14	0.206	23.04	0.201
3	64QAM	1	14	22.97	0.198	23.01	0.200	22.81	0.191
3	64QAM	8	0	22.07	0.161	22.13	0.163	22.06	0.161
3	64QAM	8	4	21.93	0.156	21.95	0.157	21.95	0.157
3	64QAM	8	7	21.82	0.152	21.98	0.158	21.96	0.157
3	64QAM	15	0	21.96	0.157	22.02	0.159	21.90	0.155
3	256QAM	1	0	20.15	0.104	20.14	0.103	19.84	0.096
3	256QAM	1	8	19.95	0.099	19.96	0.099	20.17	0.104
3	256QAM	1	14	19.97	0.099	19.88	0.097	19.98	0.100
3	256QAM	8	0	19.01	0.080	19.17	0.083	18.90	0.078
3	256QAM	8	4	18.90	0.078	19.01	0.080	18.98	0.079
3	256QAM	8	7	19.04	0.080	18.83	0.076	18.82	0.076
3	256QAM	15	0	18.93	0.078	19.02	0.080	18.82	0.076



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.92	0.310	24.99	0.316	24.91	0.310
1.4	QPSK	1	3	24.78	0.301	24.85	0.305	24.90	0.309
1.4	QPSK	1	5	24.96	0.313	24.90	0.309	24.90	0.309
1.4	QPSK	3	0	24.11	0.258	24.15	0.260	23.90	0.245
1.4	QPSK	3	1	24.05	0.254	24.10	0.257	23.90	0.245
1.4	QPSK	3	3	23.94	0.248	24.02	0.252	23.90	0.245
1.4	QPSK	6	0	23.90	0.245	23.85	0.243	23.80	0.240
1.4	16QAM	1	0	24.25	0.266	24.08	0.256	24.22	0.264
1.4	16QAM	1	3	24.04	0.254	24.11	0.258	23.95	0.248
1.4	16QAM	1	5	24.10	0.257	24.01	0.252	23.99	0.251
1.4	16QAM	3	0	22.94	0.197	23.14	0.206	23.03	0.201
1.4	16QAM	3	1	23.00	0.200	22.93	0.196	23.00	0.200
1.4	16QAM	3	3	22.94	0.197	22.89	0.195	22.87	0.194
1.4	16QAM	6	0	22.95	0.197	22.94	0.197	22.86	0.193
1.4	64QAM	1	0	22.91	0.195	23.14	0.206	22.99	0.199
1.4	64QAM	1	3	23.06	0.202	22.99	0.199	22.84	0.192
1.4	64QAM	1	5	22.93	0.196	23.01	0.200	22.81	0.191
1.4	64QAM	3	0	21.95	0.157	21.94	0.156	21.94	0.156
1.4	64QAM	3	1	21.92	0.156	22.01	0.159	22.10	0.162
1.4	64QAM	3	3	21.91	0.155	22.00	0.158	22.03	0.160
1.4	64QAM	6	0	21.95	0.157	21.92	0.156	21.91	0.155
1.4	256QAM	1	0	20.00	0.100	20.11	0.103	19.85	0.097
1.4	256QAM	1	3	19.88	0.097	20.01	0.100	20.10	0.102
1.4	256QAM	1	5	19.93	0.098	19.85	0.097	19.80	0.095
1.4	256QAM	3	0	18.96	0.079	19.06	0.081	18.91	0.078
1.4	256QAM	3	1	18.96	0.079	19.06	0.081	19.17	0.083
1.4	256QAM	3	3	18.92	0.078	18.93	0.078	18.79	0.076
1.4	256QAM	6	0	18.94	0.078	18.97	0.079	18.83	0.076



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.81	0.303	24.88	0.308	24.75	0.299
20	QPSK	1	49	24.63	0.290	24.79	0.301	24.61	0.289
20	QPSK	1	99	24.82	0.303	24.73	0.297	24.70	0.295
20	QPSK	50	0	23.91	0.246	23.93	0.247	23.89	0.245
20	QPSK	50	24	23.68	0.233	23.85	0.243	23.74	0.237
20	QPSK	50	50	23.77	0.238	23.92	0.247	23.76	0.238
20	QPSK	100	0	23.68	0.233	23.84	0.242	23.82	0.241
20	16QAM	1	0	24.09	0.256	24.09	0.256	23.86	0.243
20	16QAM	1	49	23.85	0.243	23.89	0.245	23.93	0.247
20	16QAM	1	99	23.85	0.243	23.85	0.243	23.76	0.238
20	16QAM	50	0	22.91	0.195	22.86	0.193	22.90	0.195
20	16QAM	50	24	22.78	0.190	22.90	0.195	22.68	0.185
20	16QAM	50	50	22.63	0.183	22.72	0.187	22.81	0.191
20	16QAM	100	0	22.82	0.191	22.80	0.191	22.76	0.189
20	64QAM	1	0	22.92	0.196	22.92	0.196	22.93	0.196
20	64QAM	1	49	22.85	0.193	22.86	0.193	22.86	0.193
20	64QAM	1	99	22.60	0.182	22.78	0.190	22.68	0.185
20	64QAM	50	0	21.83	0.152	21.79	0.151	21.80	0.151
20	64QAM	50	24	21.57	0.144	21.70	0.148	21.88	0.154
20	64QAM	50	50	21.82	0.152	21.72	0.149	21.74	0.149
20	64QAM	100	0	21.59	0.144	21.70	0.148	21.77	0.150
20	256QAM	1	0	19.82	0.096	19.88	0.097	19.73	0.094
20	256QAM	1	49	19.78	0.095	19.95	0.099	19.98	0.100
20	256QAM	1	99	19.81	0.096	19.77	0.095	19.69	0.093
20	256QAM	50	0	18.65	0.073	18.87	0.077	18.88	0.077
20	256QAM	50	24	18.61	0.073	18.88	0.077	18.80	0.076
20	256QAM	50	50	18.87	0.077	18.73	0.075	18.75	0.075
20	256QAM	100	0	18.63	0.073	18.85	0.077	18.54	0.071



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	24.78	0.301	24.85	0.305	24.79	0.301
15	QPSK	1	37	24.61	0.289	24.75	0.299	24.77	0.300
15	QPSK	1	74	24.79	0.301	24.70	0.295	24.65	0.292
15	QPSK	36	0	23.76	0.238	23.81	0.240	23.91	0.246
15	QPSK	36	20	23.81	0.240	23.96	0.249	23.86	0.243
15	QPSK	36	39	23.75	0.237	23.78	0.239	23.68	0.233
15	QPSK	75	0	23.87	0.244	23.75	0.237	23.77	0.238
15	16QAM	1	0	24.03	0.253	24.13	0.259	23.86	0.243
15	16QAM	1	37	23.96	0.249	23.92	0.247	23.94	0.248
15	16QAM	1	74	23.79	0.239	23.92	0.247	23.78	0.239
15	16QAM	36	0	22.73	0.187	23.04	0.201	22.82	0.191
15	16QAM	36	20	22.85	0.193	22.81	0.191	22.86	0.193
15	16QAM	36	39	22.80	0.191	22.90	0.195	22.66	0.185
15	16QAM	75	0	22.75	0.188	22.86	0.193	22.69	0.186
15	64QAM	1	0	22.82	0.191	23.02	0.200	22.97	0.198
15	64QAM	1	37	22.73	0.187	22.73	0.187	22.79	0.190
15	64QAM	1	74	22.80	0.191	22.77	0.189	22.65	0.184
15	64QAM	36	0	21.88	0.154	21.98	0.158	21.76	0.150
15	64QAM	36	20	21.73	0.149	21.81	0.152	21.79	0.151
15	64QAM	36	39	21.74	0.149	21.81	0.152	21.76	0.150
15	64QAM	75	0	21.65	0.146	21.75	0.150	21.61	0.145
15	256QAM	1	0	19.87	0.097	19.89	0.097	19.66	0.092
15	256QAM	1	37	19.68	0.093	19.84	0.096	19.82	0.096
15	256QAM	1	74	19.74	0.094	19.78	0.095	19.60	0.091
15	256QAM	36	0	18.70	0.074	18.88	0.077	18.71	0.074
15	256QAM	36	20	18.75	0.075	18.91	0.078	18.68	0.074
15	256QAM	36	39	18.72	0.074	18.79	0.076	18.59	0.072
15	256QAM	75	0	18.71	0.074	18.90	0.078	18.65	0.073



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	24.78	0.301	24.83	0.304	24.80	0.302
10	QPSK	1	25	24.61	0.289	24.75	0.299	24.70	0.295
10	QPSK	1	49	24.75	0.299	24.66	0.292	24.55	0.285
10	QPSK	25	0	23.76	0.238	23.96	0.249	23.80	0.240
10	QPSK	25	12	23.68	0.233	23.88	0.244	23.75	0.237
10	QPSK	25	25	23.76	0.238	23.92	0.247	23.80	0.240
10	QPSK	50	0	23.65	0.232	23.90	0.245	23.76	0.238
10	16QAM	1	0	23.86	0.243	23.97	0.249	23.99	0.251
10	16QAM	1	25	24.01	0.252	23.86	0.243	23.79	0.239
10	16QAM	1	49	23.94	0.248	23.85	0.243	23.91	0.246
10	16QAM	25	0	22.72	0.187	22.95	0.197	22.79	0.190
10	16QAM	25	12	22.81	0.191	22.80	0.191	22.81	0.191
10	16QAM	25	25	22.81	0.191	22.90	0.195	22.89	0.195
10	16QAM	50	0	22.67	0.185	22.86	0.193	22.94	0.197
10	64QAM	1	0	22.77	0.189	22.99	0.199	22.86	0.193
10	64QAM	1	25	22.66	0.185	22.92	0.196	22.74	0.188
10	64QAM	1	49	22.76	0.189	22.77	0.189	22.79	0.190
10	64QAM	25	0	21.83	0.152	21.86	0.153	21.88	0.154
10	64QAM	25	12	21.61	0.145	21.76	0.150	21.93	0.156
10	64QAM	25	25	21.68	0.147	21.82	0.152	21.65	0.146
10	64QAM	50	0	21.64	0.146	21.77	0.150	21.71	0.148
10	256QAM	1	0	19.88	0.097	19.98	0.100	19.78	0.095
10	256QAM	1	25	19.72	0.094	19.84	0.096	19.83	0.096
10	256QAM	1	49	19.82	0.096	19.72	0.094	19.80	0.095
10	256QAM	25	0	18.72	0.074	18.91	0.078	18.79	0.076
10	256QAM	25	12	18.74	0.075	18.76	0.075	18.87	0.077
10	256QAM	25	25	18.76	0.075	18.64	0.073	18.66	0.073
10	256QAM	50	0	18.78	0.076	18.80	0.076	18.64	0.073



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	24.75	0.299	24.84	0.305	24.81	0.303
5	QPSK	1	12	24.75	0.299	24.71	0.296	24.70	0.295
5	QPSK	1	24	24.67	0.293	24.71	0.296	24.75	0.299
5	QPSK	12	0	23.78	0.239	23.95	0.248	23.78	0.239
5	QPSK	12	7	23.80	0.240	23.94	0.248	23.74	0.237
5	QPSK	12	13	23.84	0.242	23.68	0.233	23.65	0.232
5	QPSK	25	0	23.85	0.243	23.70	0.234	23.76	0.238
5	16QAM	1	0	23.87	0.244	24.11	0.258	23.87	0.244
5	16QAM	1	12	24.03	0.253	24.03	0.253	23.83	0.242
5	16QAM	1	24	23.75	0.237	23.98	0.250	23.98	0.250
5	16QAM	12	0	22.75	0.188	23.03	0.201	22.87	0.194
5	16QAM	12	7	22.89	0.195	22.99	0.199	22.87	0.194
5	16QAM	12	13	22.82	0.191	22.80	0.191	22.68	0.185
5	16QAM	25	0	22.62	0.183	22.73	0.187	22.92	0.196
5	64QAM	1	0	22.90	0.195	22.83	0.192	22.85	0.193
5	64QAM	1	12	22.85	0.193	22.78	0.190	22.75	0.188
5	64QAM	1	24	22.82	0.191	22.81	0.191	22.74	0.188
5	64QAM	12	0	21.72	0.149	21.86	0.153	21.81	0.152
5	64QAM	12	7	21.65	0.146	21.74	0.149	21.82	0.152
5	64QAM	12	13	21.78	0.151	21.80	0.151	21.67	0.147
5	64QAM	25	0	21.78	0.151	21.72	0.149	21.59	0.144
5	256QAM	1	0	19.85	0.097	20.06	0.101	19.69	0.093
5	256QAM	1	12	19.75	0.094	19.77	0.095	19.79	0.095
5	256QAM	1	24	19.79	0.095	19.72	0.094	19.83	0.096
5	256QAM	12	0	18.65	0.073	18.92	0.078	18.83	0.076
5	256QAM	12	7	18.70	0.074	18.80	0.076	18.90	0.078
5	256QAM	12	13	18.84	0.077	18.66	0.073	18.65	0.073
5	256QAM	25	0	18.73	0.075	18.93	0.078	18.80	0.076



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.79	0.301	24.80	0.302	24.73	0.297
3	QPSK	1	8	24.78	0.301	24.76	0.299	24.75	0.299
3	QPSK	1	14	24.71	0.296	24.62	0.290	24.56	0.286
3	QPSK	8	0	23.95	0.248	23.88	0.244	23.87	0.244
3	QPSK	8	4	23.65	0.232	23.73	0.236	23.86	0.243
3	QPSK	8	7	23.78	0.239	23.69	0.234	23.59	0.229
3	QPSK	15	0	23.83	0.242	23.86	0.243	23.70	0.234
3	16QAM	1	0	23.95	0.248	24.07	0.255	24.08	0.256
3	16QAM	1	8	24.00	0.251	23.90	0.245	24.03	0.253
3	16QAM	1	14	23.97	0.249	23.93	0.247	24.00	0.251
3	16QAM	8	0	22.92	0.196	22.94	0.197	22.91	0.195
3	16QAM	8	4	22.75	0.188	22.81	0.191	22.93	0.196
3	16QAM	8	7	22.78	0.190	22.82	0.191	22.66	0.185
3	16QAM	15	0	22.82	0.191	22.70	0.186	22.80	0.191
3	64QAM	1	0	22.79	0.190	22.92	0.196	22.76	0.189
3	64QAM	1	8	22.76	0.189	22.96	0.198	22.86	0.193
3	64QAM	1	14	22.74	0.188	22.71	0.187	22.60	0.182
3	64QAM	8	0	21.74	0.149	21.84	0.153	21.88	0.154
3	64QAM	8	4	21.67	0.147	21.79	0.151	21.86	0.153
3	64QAM	8	7	21.77	0.150	21.72	0.149	21.71	0.148
3	64QAM	15	0	21.56	0.143	21.81	0.152	21.66	0.147
3	256QAM	1	0	19.86	0.097	19.94	0.099	19.68	0.093
3	256QAM	1	8	19.80	0.095	19.81	0.096	19.95	0.099
3	256QAM	1	14	19.82	0.096	19.64	0.092	19.60	0.091
3	256QAM	8	0	18.71	0.074	18.86	0.077	18.87	0.077
3	256QAM	8	4	18.77	0.075	18.77	0.075	18.85	0.077
3	256QAM	8	7	18.70	0.074	18.67	0.074	18.64	0.073
3	256QAM	15	0	18.71	0.074	18.92	0.078	18.68	0.074



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	24.78	0.301	24.81	0.303	24.76	0.299
1.4	QPSK	1	3	24.77	0.300	24.74	0.298	24.67	0.293
1.4	QPSK	1	5	24.68	0.294	24.78	0.301	24.70	0.295
1.4	QPSK	3	0	24.00	0.251	23.93	0.247	23.91	0.246
1.4	QPSK	3	1	23.70	0.234	23.86	0.243	23.85	0.243
1.4	QPSK	3	3	23.75	0.237	23.75	0.237	23.79	0.239
1.4	QPSK	6	0	23.85	0.243	23.85	0.243	23.66	0.232
1.4	16QAM	1	0	23.98	0.250	23.93	0.247	23.86	0.243
1.4	16QAM	1	3	23.90	0.245	23.95	0.248	23.89	0.245
1.4	16QAM	1	5	23.99	0.251	23.99	0.251	23.84	0.242
1.4	16QAM	3	0	22.84	0.192	22.98	0.199	22.83	0.192
1.4	16QAM	3	1	22.77	0.189	22.74	0.188	22.90	0.195
1.4	16QAM	3	3	22.80	0.191	22.83	0.192	22.85	0.193
1.4	16QAM	6	0	22.74	0.188	22.83	0.192	22.94	0.197
1.4	64QAM	1	0	22.86	0.193	22.89	0.195	22.88	0.194
1.4	64QAM	1	3	22.87	0.194	22.96	0.198	22.81	0.191
1.4	64QAM	1	5	22.75	0.188	22.80	0.191	22.75	0.188
1.4	64QAM	3	0	21.88	0.154	21.78	0.151	21.71	0.148
1.4	64QAM	3	1	21.73	0.149	21.75	0.150	21.74	0.149
1.4	64QAM	3	3	21.75	0.150	21.77	0.150	21.73	0.149
1.4	64QAM	6	0	21.75	0.150	21.77	0.150	21.58	0.144
1.4	256QAM	1	0	19.96	0.099	19.92	0.098	19.70	0.093
1.4	256QAM	1	3	19.64	0.092	19.81	0.096	19.90	0.098
1.4	256QAM	1	5	19.77	0.095	19.72	0.094	19.68	0.093
1.4	256QAM	3	0	18.76	0.075	18.87	0.077	18.76	0.075
1.4	256QAM	3	1	18.64	0.073	18.73	0.075	18.93	0.078
1.4	256QAM	3	3	18.85	0.077	18.67	0.074	18.69	0.074
1.4	256QAM	6	0	18.76	0.075	18.85	0.077	18.66	0.073



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	21.48	0.141	21.53	0.142	21.47	0.140
10	QPSK	1	25	21.49	0.141	21.46	0.140	21.39	0.138
10	QPSK	1	49	21.45	0.140	21.50	0.141	21.37	0.137
10	QPSK	25	0	20.48	0.112	20.54	0.113	20.44	0.111
10	QPSK	25	12	20.36	0.109	20.53	0.113	20.39	0.109
10	QPSK	25	25	20.53	0.113	20.53	0.113	20.49	0.112
10	QPSK	50	0	20.47	0.111	20.46	0.111	20.51	0.112
10	16QAM	1	0	20.66	0.116	20.69	0.117	20.57	0.114
10	16QAM	1	25	20.55	0.114	20.65	0.116	20.72	0.118
10	16QAM	1	49	20.49	0.112	20.51	0.112	20.68	0.117
10	16QAM	25	0	19.50	0.089	19.52	0.090	19.54	0.090
10	16QAM	25	12	19.54	0.090	19.64	0.092	19.48	0.089
10	16QAM	25	25	19.36	0.086	19.45	0.088	19.46	0.088
10	16QAM	50	0	19.53	0.090	19.47	0.089	19.41	0.087
10	64QAM	1	0	19.63	0.092	19.59	0.091	19.54	0.090
10	64QAM	1	25	19.54	0.090	19.42	0.087	19.37	0.086
10	64QAM	1	49	19.52	0.090	19.47	0.089	19.41	0.087
10	64QAM	25	0	18.42	0.070	18.47	0.070	18.54	0.071
10	64QAM	25	12	18.39	0.069	18.50	0.071	18.58	0.072
10	64QAM	25	25	18.47	0.070	18.53	0.071	18.37	0.069
10	64QAM	50	0	18.32	0.068	18.53	0.071	18.51	0.071
10	256QAM	1	0	16.37	0.043	16.28	0.042	16.16	0.041
10	256QAM	1	25	16.12	0.041	16.26	0.042	16.38	0.043
10	256QAM	1	49	16.27	0.042	16.10	0.041	16.13	0.041
10	256QAM	25	0	15.14	0.033	15.37	0.034	15.22	0.033
10	256QAM	25	12	15.06	0.032	15.15	0.033	15.30	0.034
10	256QAM	25	25	15.25	0.033	15.13	0.033	15.06	0.032
10	256QAM	50	0	15.16	0.033	15.25	0.033	15.01	0.032



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	21.47	0.140	21.51	0.142	21.45	0.140
5	QPSK	1	12	21.31	0.135	21.52	0.142	21.51	0.142
5	QPSK	1	24	21.41	0.138	21.52	0.142	21.25	0.133
5	QPSK	12	0	20.55	0.114	20.67	0.117	20.47	0.111
5	QPSK	12	7	20.41	0.110	20.63	0.116	20.59	0.115
5	QPSK	12	13	20.39	0.109	20.38	0.109	20.48	0.112
5	QPSK	25	0	20.33	0.108	20.56	0.114	20.39	0.109
5	16QAM	1	0	20.56	0.114	20.78	0.120	20.58	0.114
5	16QAM	1	12	20.53	0.113	20.66	0.116	20.64	0.116
5	16QAM	1	24	20.57	0.114	20.56	0.114	20.55	0.114
5	16QAM	12	0	19.51	0.089	19.50	0.089	19.47	0.089
5	16QAM	12	7	19.42	0.087	19.67	0.093	19.56	0.090
5	16QAM	12	13	19.39	0.087	19.60	0.091	19.48	0.089
5	16QAM	25	0	19.33	0.086	19.52	0.090	19.46	0.088
5	64QAM	1	0	19.56	0.090	19.64	0.092	19.41	0.087
5	64QAM	1	12	19.55	0.090	19.58	0.091	19.55	0.090
5	64QAM	1	24	19.42	0.087	19.31	0.085	19.51	0.089
5	64QAM	12	0	18.46	0.070	18.60	0.072	18.50	0.071
5	64QAM	12	7	18.50	0.071	18.38	0.069	18.43	0.070
5	64QAM	12	13	18.52	0.071	18.53	0.071	18.46	0.070
5	64QAM	25	0	18.43	0.070	18.33	0.068	18.28	0.067
5	256QAM	1	0	16.36	0.043	16.36	0.043	16.21	0.042
5	256QAM	1	12	16.21	0.042	16.29	0.043	16.26	0.042
5	256QAM	1	24	16.14	0.041	16.17	0.041	16.09	0.041
5	256QAM	12	0	15.13	0.033	15.30	0.034	15.24	0.033
5	256QAM	12	7	15.17	0.033	15.32	0.034	15.27	0.034
5	256QAM	12	13	15.24	0.033	15.16	0.033	15.05	0.032
5	256QAM	25	0	15.09	0.032	15.32	0.034	15.11	0.032



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		0.138	21.48	0.141	21.35	0.136
3	QPSK	1	8	21.38	0.137	21.40	0.138	21.33	0.136
3	QPSK	1	14	21.36	0.137	21.44	0.139	21.47	0.140
3	QPSK	8	0	20.60	0.115	20.56	0.114	20.61	0.115
3	QPSK	8	4	20.42	0.110	20.62	0.115	20.39	0.109
3	QPSK	8	7	20.50	0.112	20.61	0.115	20.35	0.108
3	QPSK	15	0	20.49	0.112	20.35	0.108	20.37	0.109
3	16QAM	1	0	20.57	0.114	20.69	0.117	20.62	0.115
3	16QAM	1	8	20.53	0.113	20.78	0.120	20.47	0.111
3	16QAM	1	14	20.67	0.117	20.73	0.118	20.66	0.116
3	16QAM	8	0	19.52	0.090	19.55	0.090	19.46	0.088
3	16QAM	8	4	19.49	0.089	19.65	0.092	19.61	0.091
3	16QAM	8	7	19.30	0.085	19.52	0.090	19.51	0.089
3	16QAM	15	0	19.34	0.086	19.47	0.089	19.55	0.090
3	64QAM	1	0	19.64	0.092	19.63	0.092	19.42	0.087
3	64QAM	1	8	19.52	0.090	19.65	0.092	19.44	0.088
3	64QAM	1	14	19.43	0.088	19.50	0.089	19.35	0.086
3	64QAM	8	0	18.51	0.071	18.58	0.072	18.38	0.069
3	64QAM	8	4	18.37	0.069	18.45	0.070	18.52	0.071
3	64QAM	8	7	18.34	0.068	18.46	0.070	18.47	0.070
3	64QAM	15	0	18.28	0.067	18.47	0.070	18.47	0.070
3	256QAM	1	0	16.33	0.043	16.36	0.043	16.09	0.041
3	256QAM	1	8	16.08	0.041	16.31	0.043	16.40	0.044
3	256QAM	1	14	16.16	0.041	16.08	0.041	16.04	0.040
3	256QAM	8	0	15.03	0.032	15.26	0.034	15.23	0.033
3	256QAM	8	4	15.06	0.032	15.14	0.033	15.25	0.033
3	256QAM	8	7	15.27	0.034	15.14	0.033	15.08	0.032
3	256QAM	15	0	15.14	0.033	15.28	0.034	15.02	0.032



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	21.43	0.139	21.45	0.140	21.42	0.139
1.4	QPSK	1	3	21.39	0.138	21.47	0.140	21.45	0.140
1.4	QPSK	1	5	21.43	0.139	21.40	0.138	21.33	0.136
1.4	QPSK	3	0	20.44	0.111	20.57	0.114	20.46	0.111
1.4	QPSK	3	1	20.49	0.112	20.65	0.116	20.40	0.110
1.4	QPSK	3	3	20.43	0.110	20.55	0.114	20.44	0.111
1.4	QPSK	6	0	20.44	0.111	20.58	0.114	20.44	0.111
1.4	16QAM	1	0	20.69	0.117	20.67	0.117	20.55	0.114
1.4	16QAM	1	3	20.68	0.117	20.71	0.118	20.62	0.115
1.4	16QAM	1	5	20.67	0.117	20.59	0.115	20.45	0.111
1.4	16QAM	3	0	19.48	0.089	19.57	0.091	19.53	0.090
1.4	16QAM	3	1	19.41	0.087	19.59	0.091	19.37	0.086
1.4	16QAM	3	3	19.42	0.087	19.55	0.090	19.45	0.088
1.4	16QAM	6	0	19.33	0.086	19.54	0.090	19.50	0.089
1.4	64QAM	1	0	19.65	0.092	19.64	0.092	19.53	0.090
1.4	64QAM	1	3	19.44	0.088	19.46	0.088	19.57	0.091
1.4	64QAM	1	5	19.31	0.085	19.32	0.086	19.38	0.087
1.4	64QAM	3	0	18.47	0.070	18.59	0.072	18.50	0.071
1.4	64QAM	3	1	18.46	0.070	18.40	0.069	18.63	0.073
1.4	64QAM	3	3	18.39	0.069	18.41	0.069	18.48	0.070
1.4	64QAM	6	0	18.29	0.067	18.55	0.072	18.48	0.070
1.4	256QAM	1	0	16.28	0.042	16.47	0.044	16.15	0.041
1.4	256QAM	1	3	16.20	0.042	16.35	0.043	16.36	0.043
1.4	256QAM	1	5	16.24	0.042	16.12	0.041	16.26	0.042
1.4	256QAM	3	0	15.10	0.032	15.40	0.035	15.28	0.034
1.4	256QAM	3	1	15.19	0.033	15.21	0.033	15.35	0.034
1.4	256QAM	3	3	15.18	0.033	15.19	0.033	15.26	0.034
1.4	256QAM	6	0	15.07	0.032	15.19	0.033	14.98	0.031



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	25.62	0.365	25.71	0.372	25.65	0.367
20	QPSK	1	49	25.51	0.356	25.63	0.366	25.48	0.353
20	QPSK	1	99	25.57	0.361	25.51	0.356	25.45	0.351
20	QPSK	50	0	24.70	0.295	24.85	0.305	24.76	0.299
20	QPSK	50	24	24.48	0.281	24.75	0.299	24.65	0.292
20	QPSK	50	50	24.47	0.280	24.52	0.283	24.53	0.284
20	QPSK	100	0	24.68	0.294	24.53	0.284	24.50	0.282
20	16QAM	1	0	24.69	0.294	24.78	0.301	24.91	0.310
20	16QAM	1	49	24.66	0.292	24.80	0.302	24.78	0.301
20	16QAM	1	99	24.60	0.288	24.71	0.296	24.73	0.297
20	16QAM	50	0	23.57	0.228	23.79	0.239	23.71	0.235
20	16QAM	50	24	23.69	0.234	23.57	0.228	23.61	0.230
20	16QAM	50	50	23.52	0.225	23.67	0.233	23.50	0.224
20	16QAM	100	0	23.46	0.222	23.69	0.234	23.65	0.232
20	64QAM	1	0	23.74	0.237	23.70	0.234	23.71	0.235
20	64QAM	1	49	23.66	0.232	23.55	0.226	23.67	0.233
20	64QAM	1	99	23.58	0.228	23.66	0.232	23.66	0.232
20	64QAM	50	0	22.50	0.178	22.77	0.189	22.64	0.184
20	64QAM	50	24	22.56	0.180	22.57	0.181	22.66	0.185
20	64QAM	50	50	22.69	0.186	22.72	0.187	22.49	0.177
20	64QAM	100	0	22.42	0.175	22.59	0.182	22.59	0.182
20	256QAM	1	0	20.44	0.111	20.63	0.116	20.24	0.106
20	256QAM	1	49	20.40	0.110	20.38	0.109	20.48	0.112
20	256QAM	1	99	20.41	0.110	20.31	0.107	20.28	0.107
20	256QAM	50	0	19.30	0.085	19.50	0.089	19.41	0.087
20	256QAM	50	24	19.20	0.083	19.37	0.086	19.44	0.088
20	256QAM	50	50	19.35	0.086	19.32	0.086	19.33	0.086
20	256QAM	100	0	19.24	0.084	19.38	0.087	19.28	0.085



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.64	0.366	25.68	0.370	25.58	0.361
15	QPSK	1	37	25.60	0.363	25.52	0.356	25.64	0.366
15	QPSK	1	74	25.47	0.352	25.59	0.362	25.54	0.358
15	QPSK	36	0	24.74	0.298	24.64	0.291	24.63	0.290
15	QPSK	36	20	24.48	0.281	24.60	0.288	24.53	0.284
15	QPSK	36	39	24.66	0.292	24.71	0.296	24.39	0.275
15	QPSK	75	0	24.52	0.283	24.66	0.292	24.47	0.280
15	16QAM	1	0	24.92	0.310	24.84	0.305	24.75	0.299
15	16QAM	1	37	24.70	0.295	24.87	0.307	24.72	0.296
15	16QAM	1	74	24.78	0.301	24.69	0.294	24.57	0.286
15	16QAM	36	0	23.70	0.234	23.69	0.234	23.81	0.240
15	16QAM	36	20	23.47	0.222	23.74	0.237	23.56	0.227
15	16QAM	36	39	23.61	0.230	23.74	0.237	23.66	0.232
15	16QAM	75	0	23.55	0.226	23.51	0.224	23.68	0.233
15	64QAM	1	0	23.66	0.232	23.63	0.231	23.63	0.231
15	64QAM	1	37	23.70	0.234	23.61	0.230	23.63	0.231
15	64QAM	1	74	23.45	0.221	23.49	0.223	23.45	0.221
15	64QAM	36	0	22.50	0.178	22.71	0.187	22.73	0.187
15	64QAM	36	20	22.42	0.175	22.61	0.182	22.59	0.182
15	64QAM	36	39	22.69	0.186	22.62	0.183	22.46	0.176
15	64QAM	75	0	22.49	0.177	22.69	0.186	22.57	0.181
15	256QAM	1	0	20.47	0.111	20.62	0.115	20.24	0.106
15	256QAM	1	37	20.23	0.105	20.39	0.109	20.31	0.107
15	256QAM	1	74	20.35	0.108	20.29	0.107	20.25	0.106
15	256QAM	36	0	19.28	0.085	19.43	0.088	19.38	0.087
15	256QAM	36	20	19.23	0.084	19.51	0.089	19.43	0.088
15	256QAM	36	39	19.43	0.088	19.33	0.086	19.19	0.083
15	256QAM	75	0	19.28	0.085	19.37	0.086	19.16	0.082



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	25.62	0.365	25.66	0.368	25.59	0.362
10	QPSK	1	25	25.62	0.365	25.53	0.357	25.61	0.364
10	QPSK	1	49	25.49	0.354	25.62	0.365	25.51	0.356
10	QPSK	25	0	24.64	0.291	24.64	0.291	24.75	0.299
10	QPSK	25	12	24.59	0.288	24.53	0.284	24.66	0.292
10	QPSK	25	25	24.47	0.280	24.62	0.290	24.52	0.283
10	QPSK	50	0	24.70	0.295	24.47	0.280	24.53	0.284
10	16QAM	1	0	24.78	0.301	24.88	0.308	24.73	0.297
10	16QAM	1	25	24.66	0.292	24.85	0.305	24.71	0.296
10	16QAM	1	49	24.76	0.299	24.78	0.301	24.59	0.288
10	16QAM	25	0	23.78	0.239	23.79	0.239	23.65	0.232
10	16QAM	25	12	23.48	0.223	23.63	0.231	23.63	0.231
10	16QAM	25	25	23.45	0.221	23.53	0.225	23.54	0.226
10	16QAM	50	0	23.60	0.229	23.48	0.223	23.67	0.233
10	64QAM	1	0	23.73	0.236	23.70	0.234	23.66	0.232
10	64QAM	1	25	23.69	0.234	23.63	0.231	23.51	0.224
10	64QAM	1	49	23.63	0.231	23.66	0.232	23.59	0.229
10	64QAM	25	0	22.58	0.181	22.81	0.191	22.72	0.187
10	64QAM	25	12	22.52	0.179	22.65	0.184	22.71	0.187
10	64QAM	25	25	22.68	0.185	22.66	0.185	22.55	0.180
10	64QAM	50	0	22.41	0.174	22.49	0.177	22.48	0.177
10	256QAM	1	0	20.43	0.110	20.64	0.116	20.31	0.107
10	256QAM	1	25	20.31	0.107	20.36	0.109	20.40	0.110
10	256QAM	1	49	20.46	0.111	20.27	0.106	20.28	0.107
10	256QAM	25	0	19.21	0.083	19.50	0.089	19.44	0.088
10	256QAM	25	12	19.31	0.085	19.48	0.089	19.43	0.088
10	256QAM	25	25	19.29	0.085	19.38	0.087	19.27	0.085
10	256QAM	50	0	19.26	0.084	19.40	0.087	19.12	0.082



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	25.61	0.364	25.63	0.366	25.51	0.356
5	QPSK	1	12	25.60	0.363	25.61	0.364	25.50	0.355
5	QPSK	1	24	25.57	0.361	25.56	0.360	25.47	0.352
5	QPSK	12	0	24.77	0.300	24.78	0.301	24.71	0.296
5	QPSK	12	7	24.62	0.290	24.61	0.289	24.66	0.292
5	QPSK	12	13	24.53	0.284	24.72	0.296	24.44	0.278
5	QPSK	25	0	24.52	0.283	24.64	0.291	24.49	0.281
5	16QAM	1	0	24.85	0.305	24.78	0.301	24.84	0.305
5	16QAM	1	12	24.76	0.299	24.72	0.296	24.78	0.301
5	16QAM	1	24	24.73	0.297	24.77	0.300	24.70	0.295
5	16QAM	12	0	23.71	0.235	23.86	0.243	23.64	0.231
5	16QAM	12	7	23.59	0.229	23.72	0.236	23.71	0.235
5	16QAM	12	13	23.50	0.224	23.57	0.228	23.63	0.231
5	16QAM	25	0	23.56	0.227	23.73	0.236	23.66	0.232
5	64QAM	1	0	23.78	0.239	23.78	0.239	23.69	0.234
5	64QAM	1	12	23.66	0.232	23.63	0.231	23.52	0.225
5	64QAM	1	24	23.50	0.224	23.64	0.231	23.42	0.220
5	64QAM	12	0	22.55	0.180	22.71	0.187	22.55	0.180
5	64QAM	12	7	22.51	0.178	22.61	0.182	22.75	0.188
5	64QAM	12	13	22.57	0.181	22.55	0.180	22.52	0.179
5	64QAM	25	0	22.44	0.175	22.56	0.180	22.63	0.183
5	256QAM	1	0	20.46	0.111	20.53	0.113	20.39	0.109
5	256QAM	1	12	20.39	0.109	20.45	0.111	20.49	0.112
5	256QAM	1	24	20.42	0.110	20.33	0.108	20.31	0.107
5	256QAM	12	0	19.35	0.086	19.51	0.089	19.44	0.088
5	256QAM	12	7	19.29	0.085	19.41	0.087	19.40	0.087
5	256QAM	12	13	19.37	0.086	19.40	0.087	19.21	0.083
5	256QAM	25	0	19.27	0.085	19.37	0.086	19.21	0.083



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.89	0.195	22.98	0.199	22.92	0.196
10	QPSK	1	25	22.77	0.189	22.91	0.195	22.73	0.187
10	QPSK	1	49	22.86	0.193	22.77	0.189	22.74	0.188
10	QPSK	25	0	21.92	0.156	21.99	0.158	21.90	0.155
10	QPSK	25	12	21.76	0.150	21.84	0.153	21.77	0.150
10	QPSK	25	25	21.63	0.146	21.80	0.151	21.82	0.152
10	QPSK	50	0	21.70	0.148	21.81	0.152	21.67	0.147
10	16QAM	1	0	22.05	0.160	21.98	0.158	21.98	0.158
10	16QAM	1	25	22.04	0.160	22.05	0.160	22.03	0.160
10	16QAM	1	49	21.91	0.155	21.86	0.153	21.88	0.154
10	16QAM	25	0	20.77	0.119	20.87	0.122	20.85	0.122
10	16QAM	25	12	20.66	0.116	20.91	0.123	20.86	0.122
10	16QAM	25	25	20.78	0.120	20.73	0.118	20.91	0.123
10	16QAM	50	0	20.69	0.117	20.85	0.122	20.75	0.119
10	64QAM	1	0	20.86	0.122	20.83	0.121	20.97	0.125
10	64QAM	1	25	20.76	0.119	20.92	0.124	20.70	0.117
10	64QAM	1	49	20.82	0.121	20.73	0.118	20.71	0.118
10	64QAM	25	0	19.83	0.096	19.85	0.097	19.91	0.098
10	64QAM	25	12	19.66	0.092	19.80	0.095	19.89	0.097
10	64QAM	25	25	19.65	0.092	19.72	0.094	19.66	0.092
10	64QAM	50	0	19.60	0.091	19.73	0.094	19.65	0.092
10	256QAM	1	0	17.81	0.060	17.95	0.062	17.76	0.060
10	256QAM	1	25	17.67	0.058	17.91	0.062	17.83	0.061
10	256QAM	1	49	17.78	0.060	17.71	0.059	17.70	0.059
10	256QAM	25	0	16.74	0.047	16.93	0.049	16.82	0.048
10	256QAM	25	12	16.74	0.047	16.88	0.049	16.93	0.049
10	256QAM	25	25	16.70	0.047	16.82	0.048	16.65	0.046
10	256QAM	50	0	16.57	0.045	16.88	0.049	16.55	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.85	0.193	22.95	0.197	22.85	0.193
5	QPSK	1	12	22.64	0.184	22.78	0.190	22.73	0.187
5	QPSK	1	24	22.73	0.187	22.73	0.187	22.62	0.183
5	QPSK	12	0	21.85	0.153	21.97	0.157	21.75	0.150
5	QPSK	12	7	21.73	0.149	21.83	0.152	21.88	0.154
5	QPSK	12	13	21.86	0.153	21.79	0.151	21.77	0.150
5	QPSK	25	0	21.69	0.148	21.80	0.151	21.75	0.150
5	16QAM	1	0	21.96	0.157	22.04	0.160	22.01	0.159
5	16QAM	1	12	22.04	0.160	22.09	0.162	21.90	0.155
5	16QAM	1	24	21.99	0.158	21.91	0.155	21.79	0.151
5	16QAM	12	0	20.94	0.124	20.89	0.123	20.94	0.124
5	16QAM	12	7	20.69	0.117	20.96	0.125	20.71	0.118
5	16QAM	12	13	20.64	0.116	20.74	0.119	20.75	0.119
5	16QAM	25	0	20.80	0.120	20.87	0.122	20.95	0.124
5	64QAM	1	0	20.98	0.125	20.98	0.125	20.92	0.124
5	64QAM	1	12	20.82	0.121	20.84	0.121	20.88	0.122
5	64QAM	1	24	20.64	0.116	20.82	0.121	20.62	0.115
5	64QAM	12	0	19.92	0.098	19.80	0.095	19.92	0.098
5	64QAM	12	7	19.72	0.094	19.85	0.097	19.78	0.095
5	64QAM	12	13	19.65	0.092	19.73	0.094	19.83	0.096
5	64QAM	25	0	19.77	0.095	19.66	0.092	19.74	0.094
5	256QAM	1	0	17.80	0.060	17.89	0.062	17.60	0.058
5	256QAM	1	12	17.61	0.058	17.86	0.061	17.85	0.061
5	256QAM	1	24	17.78	0.060	17.63	0.058	17.64	0.058
5	256QAM	12	0	16.72	0.047	16.93	0.049	16.75	0.047
5	256QAM	12	7	16.62	0.046	16.81	0.048	16.99	0.050
5	256QAM	12	13	16.85	0.048	16.65	0.046	16.70	0.047
5	256QAM	25	0	16.74	0.047	16.84	0.048	16.66	0.046



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.88	0.194	22.94	0.197	22.85	0.193
3	QPSK	1	8	22.77	0.189	22.68	0.185	22.82	0.191
3	QPSK	1	14	22.66	0.185	22.78	0.190	22.66	0.185
3	QPSK	8	0	21.80	0.151	21.82	0.152	21.75	0.150
3	QPSK	8	4	21.86	0.153	21.92	0.156	21.69	0.148
3	QPSK	8	7	21.77	0.150	21.73	0.149	21.77	0.150
3	QPSK	15	0	21.88	0.154	21.72	0.149	21.83	0.152
3	16QAM	1	0	22.09	0.162	22.10	0.162	22.09	0.162
3	16QAM	1	8	21.89	0.155	22.08	0.161	21.86	0.153
3	16QAM	1	14	21.85	0.153	21.98	0.158	21.99	0.158
3	16QAM	8	0	20.92	0.124	21.05	0.127	21.03	0.127
3	16QAM	8	4	20.77	0.119	20.95	0.124	20.82	0.121
3	16QAM	8	7	20.78	0.120	20.87	0.122	20.87	0.122
3	16QAM	15	0	20.77	0.119	20.69	0.117	20.90	0.123
3	64QAM	1	0	20.78	0.120	20.96	0.125	20.96	0.125
3	64QAM	1	8	20.80	0.120	21.00	0.126	20.80	0.120
3	64QAM	1	14	20.84	0.121	20.76	0.119	20.74	0.119
3	64QAM	8	0	19.80	0.095	19.97	0.099	19.88	0.097
3	64QAM	8	4	19.78	0.095	19.70	0.093	19.90	0.098
3	64QAM	8	7	19.82	0.096	19.77	0.095	19.79	0.095
3	64QAM	15	0	19.61	0.091	19.82	0.096	19.65	0.092
3	256QAM	1	0	17.85	0.061	18.01	0.063	17.76	0.060
3	256QAM	1	8	17.67	0.058	17.89	0.062	17.98	0.063
3	256QAM	1	14	17.84	0.061	17.60	0.058	17.71	0.059
3	256QAM	8	0	16.63	0.046	16.84	0.048	16.71	0.047
3	256QAM	8	4	16.67	0.046	16.83	0.048	16.96	0.050
3	256QAM	8	7	16.78	0.048	16.79	0.048	16.63	0.046
3	256QAM	15	0	16.62	0.046	16.83	0.048	16.59	0.046



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.84	0.192	22.92	0.196	22.80	0.191
1.4	QPSK	1	3	22.82	0.191	22.74	0.188	22.84	0.192
1.4	QPSK	1	5	22.69	0.186	22.80	0.191	22.78	0.190
1.4	QPSK	3	0	21.77	0.150	21.94	0.156	21.85	0.153
1.4	QPSK	3	1	21.66	0.147	21.78	0.151	21.78	0.151
1.4	QPSK	3	3	21.85	0.153	21.80	0.151	21.81	0.152
1.4	QPSK	6	0	21.69	0.148	21.89	0.155	21.79	0.151
1.4	16QAM	1	0	21.87	0.154	22.00	0.158	22.11	0.163
1.4	16QAM	1	3	21.98	0.158	22.06	0.161	22.02	0.159
1.4	16QAM	1	5	21.94	0.156	21.90	0.155	21.97	0.157
1.4	16QAM	3	0	20.79	0.120	20.82	0.121	21.03	0.127
1.4	16QAM	3	1	20.84	0.121	20.92	0.124	20.83	0.121
1.4	16QAM	3	3	20.66	0.116	20.95	0.124	20.81	0.121
1.4	16QAM	6	0	20.71	0.118	20.76	0.119	20.92	0.124
1.4	64QAM	1	0	20.75	0.119	20.94	0.124	20.94	0.124
1.4	64QAM	1	3	20.88	0.122	20.76	0.119	20.76	0.119
1.4	64QAM	1	5	20.75	0.119	20.65	0.116	20.64	0.116
1.4	64QAM	3	0	19.70	0.093	19.78	0.095	19.76	0.095
1.4	64QAM	3	1	19.62	0.092	19.83	0.096	19.76	0.095
1.4	64QAM	3	3	19.80	0.095	19.71	0.094	19.70	0.093
1.4	64QAM	6	0	19.61	0.091	19.80	0.095	19.74	0.094
1.4	256QAM	1	0	17.95	0.062	18.01	0.063	17.68	0.059
1.4	256QAM	1	3	17.65	0.058	17.82	0.061	17.84	0.061
1.4	256QAM	1	5	17.78	0.060	17.74	0.059	17.71	0.059
1.4	256QAM	3	0	16.61	0.046	16.94	0.049	16.87	0.049
1.4	256QAM	3	1	16.75	0.047	16.73	0.047	16.81	0.048
1.4	256QAM	3	3	16.72	0.047	16.65	0.046	16.65	0.046
1.4	256QAM	6	0	16.64	0.046	16.96	0.050	16.64	0.046



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	/	/	21.27	0.134	/	/
10	QPSK	1	25	/	/	21.18	0.131	/	/
10	QPSK	1	49	/	/	21.12	0.129	/	/
10	QPSK	25	0	/	/	20.42	0.110	/	/
10	QPSK	25	12	/	/	20.18	0.104	/	/
10	QPSK	25	25	/	/	20.29	0.107	/	/
10	QPSK	50	0	/	/	20.13	0.103	/	/
10	16QAM	1	0	/	/	20.33	0.108	/	/
10	16QAM	1	25	/	/	20.25	0.106	/	/
10	16QAM	1	49	/	/	20.26	0.106	/	/
10	16QAM	25	0	/	/	19.33	0.086	/	/
10	16QAM	25	12	/	/	19.26	0.084	/	/
10	16QAM	25	25	/	/	19.31	0.085	/	/
10	16QAM	50	0	/	/	19.23	0.084	/	/
10	64QAM	1	0	/	/	19.38	0.087	/	/
10	64QAM	1	25	/	/	19.15	0.082	/	/
10	64QAM	1	49	/	/	19.11	0.081	/	/
10	64QAM	25	0	/	/	18.31	0.068	/	/
10	64QAM	25	12	/	/	18.07	0.064	/	/
10	64QAM	25	25	/	/	18.24	0.067	/	/
10	64QAM	50	0	/	/	18.24	0.067	/	/
10	256QAM	1	0	/	/	16.12	0.041	/	/
10	256QAM	1	25	/	/	16.06	0.040	/	/
10	256QAM	1	49	/	/	15.90	0.039	/	/
10	256QAM	25	0	/	/	15.00	0.032	/	/
10	256QAM	25	12	/	/	14.92	0.031	/	/
10	256QAM	25	25	/	/	14.79	0.030	/	/
10	256QAM	50	0	/	/	15.07	0.032	/	/



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	21.20	0.132	21.24	0.133	21.17	0.131
5	QPSK	1	12	21.02	0.126	21.08	0.128	21.16	0.131
5	QPSK	1	24	21.18	0.131	21.16	0.131	21.20	0.132
5	QPSK	12	0	20.31	0.107	20.35	0.108	20.26	0.106
5	QPSK	12	7	20.07	0.102	20.30	0.107	20.25	0.106
5	QPSK	12	13	20.02	0.100	20.10	0.102	20.10	0.102
5	QPSK	25	0	20.15	0.104	20.13	0.103	20.21	0.105
5	16QAM	1	0	20.40	0.110	20.56	0.114	20.41	0.110
5	16QAM	1	12	20.39	0.109	20.26	0.106	20.22	0.105
5	16QAM	1	24	20.39	0.109	20.26	0.106	20.41	0.110
5	16QAM	12	0	19.32	0.086	19.22	0.084	19.20	0.083
5	16QAM	12	7	19.15	0.082	19.27	0.085	19.16	0.082
5	16QAM	12	13	19.16	0.082	19.37	0.086	19.23	0.084
5	16QAM	25	0	19.23	0.084	19.25	0.084	19.16	0.082
5	64QAM	1	0	19.19	0.083	19.39	0.087	19.27	0.085
5	64QAM	1	12	19.10	0.081	19.36	0.086	19.16	0.082
5	64QAM	1	24	19.18	0.083	19.21	0.083	19.17	0.083
5	64QAM	12	0	18.12	0.065	18.37	0.069	18.13	0.065
5	64QAM	12	7	18.07	0.064	18.16	0.065	18.12	0.065
5	64QAM	12	13	18.20	0.066	18.27	0.067	18.16	0.065
5	64QAM	25	0	18.11	0.065	18.23	0.067	18.05	0.064
5	256QAM	1	0	16.03	0.040	16.04	0.040	15.77	0.038
5	256QAM	1	12	15.88	0.039	15.90	0.039	15.96	0.039
5	256QAM	1	24	15.83	0.038	15.72	0.037	15.68	0.037
5	256QAM	12	0	14.78	0.030	15.01	0.032	15.02	0.032
5	256QAM	12	7	14.74	0.030	14.85	0.031	15.04	0.032
5	256QAM	12	13	14.99	0.032	14.97	0.031	14.68	0.029
5	256QAM	25	0	14.79	0.030	15.03	0.032	14.75	0.030



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.82	0.191	22.89	0.195	22.80	0.191
10	QPSK	1	25	22.68	0.185	22.58	0.181	22.56	0.180
10	QPSK	1	49	22.62	0.183	22.66	0.185	22.65	0.184
10	QPSK	25	0	21.83	0.152	21.88	0.154	21.84	0.153
10	QPSK	25	12	21.72	0.149	21.60	0.145	21.74	0.149
10	QPSK	25	25	21.62	0.145	21.70	0.148	21.62	0.145
10	QPSK	50	0	21.64	0.146	21.55	0.143	21.63	0.146
10	16QAM	1	0	21.98	0.158	22.03	0.160	21.90	0.155
10	16QAM	1	25	21.85	0.153	21.75	0.150	21.90	0.155
10	16QAM	1	49	21.79	0.151	21.92	0.156	21.71	0.148
10	16QAM	25	0	20.69	0.117	20.89	0.123	20.88	0.122
10	16QAM	25	12	20.65	0.116	20.72	0.118	20.59	0.115
10	16QAM	25	25	20.62	0.115	20.81	0.121	20.60	0.115
10	16QAM	50	0	20.60	0.115	20.73	0.118	20.60	0.115
10	64QAM	1	0	20.76	0.119	20.83	0.121	20.75	0.119
10	64QAM	1	25	20.65	0.116	20.81	0.121	20.66	0.116
10	64QAM	1	49	20.59	0.115	20.67	0.117	20.57	0.114
10	64QAM	25	0	19.69	0.093	19.84	0.096	19.65	0.092
10	64QAM	25	12	19.53	0.090	19.56	0.090	19.65	0.092
10	64QAM	25	25	19.72	0.094	19.56	0.090	19.52	0.090
10	64QAM	50	0	19.59	0.091	19.53	0.090	19.46	0.088
10	256QAM	1	0	17.87	0.061	17.86	0.061	17.64	0.058
10	256QAM	1	25	17.78	0.060	17.88	0.061	17.78	0.060
10	256QAM	1	49	17.73	0.059	17.75	0.060	17.60	0.058
10	256QAM	25	0	16.69	0.047	16.84	0.048	16.87	0.049
10	256QAM	25	12	16.63	0.046	16.86	0.049	16.86	0.049
10	256QAM	25	25	16.82	0.048	16.68	0.047	16.67	0.046
10	256QAM	50	0	16.70	0.047	16.89	0.049	16.65	0.046



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.78	0.190	22.85	0.193	22.72	0.187
5	QPSK	1	12	22.64	0.184	22.54	0.179	22.53	0.179
5	QPSK	1	24	22.56	0.180	22.64	0.184	22.65	0.184
5	QPSK	12	0	21.63	0.146	21.81	0.152	21.71	0.148
5	QPSK	12	7	21.53	0.142	21.73	0.149	21.58	0.144
5	QPSK	12	13	21.59	0.144	21.69	0.148	21.63	0.146
5	QPSK	25	0	21.55	0.143	21.60	0.145	21.57	0.144
5	16QAM	1	0	21.97	0.157	21.84	0.153	21.82	0.152
5	16QAM	1	12	21.86	0.153	21.94	0.156	21.87	0.154
5	16QAM	1	24	21.66	0.147	21.78	0.151	21.70	0.148
5	16QAM	12	0	20.83	0.121	20.84	0.121	20.80	0.120
5	16QAM	12	7	20.55	0.114	20.76	0.119	20.74	0.119
5	16QAM	12	13	20.70	0.117	20.61	0.115	20.58	0.114
5	16QAM	25	0	20.58	0.114	20.59	0.115	20.62	0.115
5	64QAM	1	0	20.66	0.116	20.71	0.118	20.67	0.117
5	64QAM	1	12	20.74	0.119	20.79	0.120	20.75	0.119
5	64QAM	1	24	20.56	0.114	20.54	0.113	20.60	0.115
5	64QAM	12	0	19.77	0.095	19.78	0.095	19.70	0.093
5	64QAM	12	7	19.46	0.088	19.60	0.091	19.67	0.093
5	64QAM	12	13	19.70	0.093	19.78	0.095	19.67	0.093
5	64QAM	25	0	19.57	0.091	19.61	0.091	19.59	0.091
5	256QAM	1	0	17.90	0.062	17.91	0.062	17.74	0.059
5	256QAM	1	12	17.61	0.058	17.82	0.061	17.92	0.062
5	256QAM	1	24	17.69	0.059	17.59	0.057	17.56	0.057
5	256QAM	12	0	16.72	0.047	16.87	0.049	16.71	0.047
5	256QAM	12	7	16.65	0.046	16.79	0.048	16.84	0.048
5	256QAM	12	13	16.68	0.047	16.70	0.047	16.64	0.046
5	256QAM	25	0	16.65	0.046	16.80	0.048	16.58	0.045



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	24.88	0.308	24.99	0.316	24.91	0.310
20	QPSK	1	49	24.70	0.295	24.85	0.305	24.81	0.303
20	QPSK	1	99	24.73	0.297	24.80	0.302	24.72	0.296
20	QPSK	50	0	23.96	0.249	24.00	0.251	23.88	0.244
20	QPSK	50	24	23.81	0.240	23.93	0.247	23.94	0.248
20	QPSK	50	50	23.82	0.241	23.89	0.245	23.64	0.231
20	QPSK	100	0	23.84	0.242	23.92	0.247	23.86	0.243
20	16QAM	1	0	24.07	0.255	24.04	0.254	23.98	0.250
20	16QAM	1	49	24.12	0.258	24.07	0.255	24.18	0.262
20	16QAM	1	99	24.08	0.256	24.25	0.266	23.98	0.250
20	16QAM	50	0	22.96	0.198	23.06	0.202	23.04	0.201
20	16QAM	50	24	22.88	0.194	23.00	0.200	22.84	0.192
20	16QAM	50	50	22.95	0.197	22.92	0.196	22.85	0.193
20	16QAM	100	0	22.71	0.187	22.93	0.196	22.94	0.197
20	64QAM	1	0	22.92	0.196	23.10	0.204	22.73	0.187
20	64QAM	1	49	22.89	0.195	22.92	0.196	22.75	0.188
20	64QAM	1	99	23.11	0.205	22.87	0.194	22.84	0.192
20	64QAM	50	0	21.92	0.156	22.06	0.161	21.81	0.152
20	64QAM	50	24	21.84	0.153	21.84	0.153	22.00	0.158
20	64QAM	50	50	22.02	0.159	21.80	0.151	21.83	0.152
20	64QAM	100	0	21.93	0.156	21.94	0.156	21.67	0.147
20	256QAM	1	0	19.80	0.095	19.95	0.099	19.63	0.092
20	256QAM	1	49	19.75	0.094	19.81	0.096	19.79	0.095
20	256QAM	1	99	19.68	0.093	19.71	0.094	19.68	0.093
20	256QAM	50	0	18.74	0.075	18.99	0.079	18.75	0.075
20	256QAM	50	24	18.70	0.074	18.71	0.074	18.78	0.076
20	256QAM	50	50	18.75	0.075	18.79	0.076	18.49	0.071
20	256QAM	100	0	18.75	0.075	18.77	0.075	18.62	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				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.85	0.305	24.96	0.313	24.93	0.311
15	QPSK	1	37	24.73	0.297	24.78	0.301	24.62	0.290
15	QPSK	1	74	24.80	0.302	24.76	0.299	24.79	0.301
15	QPSK	36	0	23.92	0.247	24.04	0.254	23.82	0.241
15	QPSK	36	20	23.82	0.241	23.99	0.251	23.79	0.239
15	QPSK	36	39	23.80	0.240	23.95	0.248	23.67	0.233
15	QPSK	75	0	23.83	0.242	23.87	0.244	23.92	0.247
15	16QAM	1	0	24.12	0.258	24.13	0.259	24.12	0.258
15	16QAM	1	37	24.13	0.259	24.05	0.254	24.17	0.261
15	16QAM	1	74	23.94	0.248	24.09	0.256	23.94	0.248
15	16QAM	36	0	23.00	0.200	23.08	0.203	23.02	0.200
15	16QAM	36	20	22.78	0.190	22.99	0.199	22.95	0.197
15	16QAM	36	39	22.95	0.197	23.02	0.200	22.78	0.190
15	16QAM	75	0	22.78	0.190	22.89	0.195	22.94	0.197
15	64QAM	1	0	22.86	0.193	23.09	0.204	22.90	0.195
15	64QAM	1	37	22.83	0.192	22.98	0.199	22.75	0.188
15	64QAM	1	74	22.94	0.197	22.97	0.198	22.82	0.191
15	64QAM	36	0	21.90	0.155	22.06	0.161	21.78	0.151
15	64QAM	36	20	21.92	0.156	21.77	0.150	21.94	0.156
15	64QAM	36	39	21.96	0.157	21.90	0.155	21.75	0.150
15	64QAM	75	0	21.87	0.154	22.03	0.160	21.70	0.148
15	256QAM	1	0	19.82	0.096	19.95	0.099	19.63	0.092
15	256QAM	1	37	19.60	0.091	19.94	0.099	19.80	0.095
15	256QAM	1	74	19.81	0.096	19.76	0.095	19.69	0.093
15	256QAM	36	0	18.64	0.073	18.86	0.077	18.82	0.076
15	256QAM	36	20	18.69	0.074	18.90	0.078	18.86	0.077
15	256QAM	36	39	18.70	0.074	18.69	0.074	18.60	0.072
15	256QAM	75	0	18.63	0.073	18.79	0.076	18.66	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	24.88	0.308	24.94	0.312	24.78	0.301
10	QPSK	1	25	24.77	0.300	24.91	0.310	24.64	0.291
10	QPSK	1	49	24.67	0.293	24.87	0.307	24.62	0.290
10	QPSK	25	0	24.03	0.253	24.05	0.254	23.82	0.241
10	QPSK	25	12	23.91	0.246	24.12	0.258	23.88	0.244
10	QPSK	25	25	23.84	0.242	23.96	0.249	23.80	0.240
10	QPSK	50	0	23.79	0.239	23.85	0.243	23.81	0.240
10	16QAM	1	0	24.04	0.254	24.05	0.254	24.12	0.258
10	16QAM	1	25	24.14	0.259	24.19	0.262	24.14	0.259
10	16QAM	1	49	24.08	0.256	24.10	0.257	24.00	0.251
10	16QAM	25	0	23.03	0.201	23.05	0.202	23.03	0.201
10	16QAM	25	12	22.82	0.191	23.08	0.203	22.88	0.194
10	16QAM	25	25	22.95	0.197	22.92	0.196	22.82	0.191
10	16QAM	50	0	22.82	0.191	22.88	0.194	22.95	0.197
10	64QAM	1	0	22.96	0.198	22.97	0.198	22.84	0.192
10	64QAM	1	25	22.81	0.191	22.85	0.193	22.85	0.193
10	64QAM	1	49	23.10	0.204	22.85	0.193	22.86	0.193
10	64QAM	25	0	21.81	0.152	22.11	0.163	21.76	0.150
10	64QAM	25	12	22.04	0.160	21.88	0.154	21.99	0.158
10	64QAM	25	25	21.92	0.156	21.80	0.151	21.74	0.149
10	64QAM	50	0	21.81	0.152	21.94	0.156	21.69	0.148
10	256QAM	1	0	19.79	0.095	20.02	0.100	19.70	0.093
10	256QAM	1	25	19.69	0.093	19.95	0.099	19.79	0.095
10	256QAM	1	49	19.86	0.097	19.58	0.091	19.60	0.091
10	256QAM	25	0	18.72	0.074	18.93	0.078	18.76	0.075
10	256QAM	25	12	18.69	0.074	18.83	0.076	18.96	0.079
10	256QAM	25	25	18.80	0.076	18.72	0.074	18.58	0.072
10	256QAM	50	0	18.63	0.073	18.80	0.076	18.65	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				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.90	0.309	24.95	0.313	24.82	0.303
5	QPSK	1	12	24.76	0.299	24.89	0.308	24.75	0.299
5	QPSK	1	24	24.65	0.292	24.79	0.301	24.64	0.291
5	QPSK	12	0	24.04	0.254	23.99	0.251	23.97	0.249
5	QPSK	12	7	23.94	0.248	24.05	0.254	23.93	0.247
5	QPSK	12	13	23.82	0.241	24.06	0.255	23.77	0.238
5	QPSK	25	0	23.88	0.244	23.83	0.242	23.86	0.243
5	16QAM	1	0	24.10	0.257	24.07	0.255	24.13	0.259
5	16QAM	1	12	24.06	0.255	24.15	0.260	24.16	0.261
5	16QAM	1	24	23.99	0.251	24.15	0.260	23.94	0.248
5	16QAM	12	0	23.06	0.202	23.17	0.207	23.05	0.202
5	16QAM	12	7	22.87	0.194	23.03	0.201	23.03	0.201
5	16QAM	12	13	22.87	0.194	22.90	0.195	22.88	0.194
5	16QAM	25	0	22.86	0.193	22.73	0.187	22.84	0.192
5	64QAM	1	0	22.95	0.197	23.02	0.200	22.89	0.195
5	64QAM	1	12	22.76	0.189	22.88	0.194	22.75	0.188
5	64QAM	1	24	23.00	0.200	22.80	0.191	22.76	0.189
5	64QAM	12	0	21.75	0.150	21.96	0.157	21.80	0.151
5	64QAM	12	7	21.85	0.153	21.78	0.151	21.86	0.153
5	64QAM	12	13	21.87	0.154	21.86	0.153	21.72	0.149
5	64QAM	25	0	21.89	0.155	21.92	0.156	21.73	0.149
5	256QAM	1	0	19.79	0.095	19.95	0.099	19.60	0.091
5	256QAM	1	12	19.61	0.091	19.91	0.098	19.89	0.097
5	256QAM	1	24	19.69	0.093	19.74	0.094	19.62	0.092
5	256QAM	12	0	18.75	0.075	18.83	0.076	18.86	0.077
5	256QAM	12	7	18.73	0.075	18.71	0.074	18.81	0.076
5	256QAM	12	13	18.74	0.075	18.66	0.073	18.64	0.073
5	256QAM	25	0	18.60	0.072	18.75	0.075	18.67	0.074



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.76	0.299	24.92	0.310	24.77	0.300
3	QPSK	1	8	24.81	0.303	24.87	0.307	24.64	0.291
3	QPSK	1	14	24.82	0.303	24.73	0.297	24.76	0.299
3	QPSK	8	0	23.99	0.251	24.02	0.252	23.90	0.245
3	QPSK	8	4	23.76	0.238	24.03	0.253	23.99	0.251
3	QPSK	8	7	23.78	0.239	23.92	0.247	23.75	0.237
3	QPSK	15	0	23.75	0.237	23.77	0.238	23.81	0.240
3	16QAM	1	0	24.04	0.254	24.06	0.255	24.13	0.259
3	16QAM	1	8	23.98	0.250	24.03	0.253	24.13	0.259
3	16QAM	1	14	24.09	0.256	24.15	0.260	23.87	0.244
3	16QAM	8	0	23.12	0.205	23.01	0.200	23.08	0.203
3	16QAM	8	4	22.91	0.195	22.98	0.199	22.91	0.195
3	16QAM	8	7	22.88	0.194	23.01	0.200	22.88	0.194
3	16QAM	15	0	22.74	0.188	22.89	0.195	22.94	0.197
3	64QAM	1	0	22.80	0.191	23.03	0.201	22.78	0.190
3	64QAM	1	8	22.75	0.188	22.92	0.196	22.92	0.196
3	64QAM	1	14	23.06	0.202	22.82	0.191	22.88	0.194
3	64QAM	8	0	21.80	0.151	22.05	0.160	21.79	0.151
3	64QAM	8	4	21.96	0.157	21.79	0.151	21.90	0.155
3	64QAM	8	7	21.91	0.155	21.97	0.157	21.79	0.151
3	64QAM	15	0	21.90	0.155	21.93	0.156	21.70	0.148
3	256QAM	1	0	19.83	0.096	19.85	0.097	19.77	0.095
3	256QAM	1	8	19.65	0.092	19.77	0.095	19.85	0.097
3	256QAM	1	14	19.76	0.095	19.70	0.093	19.61	0.091
3	256QAM	8	0	18.70	0.074	18.93	0.078	18.77	0.075
3	256QAM	8	4	18.75	0.075	18.74	0.075	18.85	0.077
3	256QAM	8	7	18.75	0.075	18.72	0.074	18.82	0.076
3	256QAM	15	0	18.63	0.073	18.75	0.075	18.70	0.074



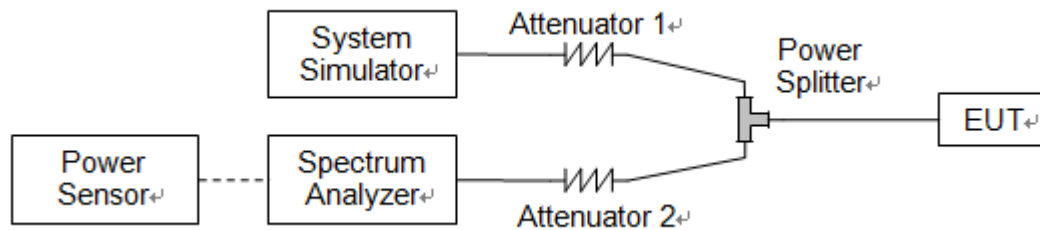
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.85	0.305	24.93	0.311	24.87	0.307
1.4	QPSK	1	3	24.89	0.308	24.80	0.302	24.73	0.297
1.4	QPSK	1	5	24.65	0.292	24.77	0.300	24.71	0.296
1.4	QPSK	3	0	23.92	0.247	24.05	0.254	23.98	0.250
1.4	QPSK	3	1	23.87	0.244	23.97	0.249	23.83	0.242
1.4	QPSK	3	3	23.87	0.244	23.93	0.247	23.71	0.235
1.4	QPSK	6	0	23.83	0.242	23.80	0.240	23.95	0.248
1.4	16QAM	1	0	24.07	0.255	24.07	0.255	24.00	0.251
1.4	16QAM	1	3	24.15	0.260	24.19	0.262	24.09	0.256
1.4	16QAM	1	5	23.94	0.248	24.14	0.259	23.86	0.243
1.4	16QAM	3	0	22.99	0.199	23.04	0.201	22.92	0.196
1.4	16QAM	3	1	22.75	0.188	22.96	0.198	22.95	0.197
1.4	16QAM	3	3	22.84	0.192	23.05	0.202	22.89	0.195
1.4	16QAM	6	0	22.81	0.191	22.79	0.190	22.77	0.189
1.4	64QAM	1	0	22.87	0.194	23.07	0.203	22.81	0.191
1.4	64QAM	1	3	22.90	0.195	22.80	0.191	22.75	0.188
1.4	64QAM	1	5	23.05	0.202	22.98	0.199	22.80	0.191
1.4	64QAM	3	0	21.76	0.150	21.94	0.156	21.74	0.149
1.4	64QAM	3	1	21.93	0.156	21.89	0.155	21.97	0.157
1.4	64QAM	3	3	21.89	0.155	21.80	0.151	21.85	0.153
1.4	64QAM	6	0	21.99	0.158	22.01	0.159	21.83	0.152
1.4	256QAM	1	0	19.83	0.096	19.87	0.097	19.79	0.095
1.4	256QAM	1	3	19.71	0.094	19.90	0.098	19.90	0.098
1.4	256QAM	1	5	19.75	0.094	19.71	0.094	19.69	0.093
1.4	256QAM	3	0	18.71	0.074	18.88	0.077	18.87	0.077
1.4	256QAM	3	1	18.69	0.074	18.83	0.076	18.97	0.079
1.4	256QAM	3	3	18.66	0.073	18.64	0.073	18.61	0.073
1.4	256QAM	6	0	18.70	0.074	18.88	0.077	18.74	0.075

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	1.1008	1.3138	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1086	1.3895	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1059	1.3648	PASS
B2	1.4	Low	18607	1850.7	256QAM	1.0997	1.3462	PASS
B2	1.4	Mid	18900	1880	QPSK	1.1007	1.3174	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1083	1.3645	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1019	1.3607	PASS
B2	1.4	Mid	18900	1880	256QAM	1.1013	1.3665	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0975	1.3633	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1051	1.3594	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0994	1.3635	PASS
B2	1.4	High	19193	1909.3	256QAM	1.1057	1.3601	PASS
B2	3	Low	18615	1851.5	QPSK	2.7017	3.0786	PASS
B2	3	Low	18615	1851.5	16QAM	2.7106	3.0463	PASS
B2	3	Low	18615	1851.5	64QAM	2.7065	3.0476	PASS
B2	3	Low	18615	1851.5	256QAM	2.7157	3.0598	PASS
B2	3	Mid	18900	1880	QPSK	2.7111	3.0380	PASS
B2	3	Mid	18900	1880	16QAM	2.7077	3.0490	PASS
B2	3	Mid	18900	1880	64QAM	2.7101	3.0370	PASS
B2	3	Mid	18900	1880	256QAM	2.7095	3.0666	PASS
B2	3	High	19185	1908.5	QPSK	2.7106	3.0473	PASS
B2	3	High	19185	1908.5	16QAM	2.7124	3.0712	PASS
B2	3	High	19185	1908.5	64QAM	2.7081	3.0440	PASS
B2	3	High	19185	1908.5	256QAM	2.7070	3.0410	PASS
B2	5	Low	18625	1852.5	QPSK	4.4902	5.0055	PASS
B2	5	Low	18625	1852.5	16QAM	4.4857	5.0228	PASS
B2	5	Low	18625	1852.5	64QAM	4.4856	5.0154	PASS
B2	5	Low	18625	1852.5	256QAM	4.4949	4.9867	PASS
B2	5	Mid	18900	1880	QPSK	4.4896	5.0096	PASS
B2	5	Mid	18900	1880	16QAM	4.4771	4.9816	PASS
B2	5	Mid	18900	1880	64QAM	4.4872	5.0220	PASS
B2	5	Mid	18900	1880	256QAM	4.4742	4.9995	PASS
B2	5	High	19175	1907.5	QPSK	4.4841	4.9902	PASS



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B2	5	High	19175	1907.5	16QAM	4.4778	4.9652	PASS
B2	5	High	19175	1907.5	64QAM	4.4803	5.0690	PASS
B2	5	High	19175	1907.5	256QAM	4.4765	5.0826	PASS
B2	10	Low	18650	1855	QPSK	8.9541	9.9314	PASS
B2	10	Low	18650	1855	16QAM	8.9760	9.7658	PASS
B2	10	Low	18650	1855	64QAM	8.9678	9.7657	PASS
B2	10	Low	18650	1855	256QAM	8.9589	9.8111	PASS
B2	10	Mid	18900	1880	QPSK	8.9623	9.9016	PASS
B2	10	Mid	18900	1880	16QAM	8.9639	9.7621	PASS
B2	10	Mid	18900	1880	64QAM	8.9574	9.7345	PASS
B2	10	Mid	18900	1880	256QAM	8.9671	9.7873	PASS
B2	10	High	19150	1905	QPSK	8.9698	9.7303	PASS
B2	10	High	19150	1905	16QAM	8.9738	9.9119	PASS
B2	10	High	19150	1905	64QAM	8.9726	9.8171	PASS
B2	10	High	19150	1905	256QAM	8.9608	9.9123	PASS
B2	15	Low	18675	1857.5	QPSK	13.472	14.601	PASS
B2	15	Low	18675	1857.5	16QAM	13.405	14.548	PASS
B2	15	Low	18675	1857.5	64QAM	13.438	14.515	PASS
B2	15	Low	18675	1857.5	256QAM	13.407	14.414	PASS
B2	15	Mid	18900	1880	QPSK	13.451	14.506	PASS
B2	15	Mid	18900	1880	16QAM	13.434	14.643	PASS
B2	15	Mid	18900	1880	64QAM	13.426	14.493	PASS
B2	15	Mid	18900	1880	256QAM	13.425	14.598	PASS
B2	15	High	19125	1902.5	QPSK	13.455	14.681	PASS
B2	15	High	19125	1902.5	16QAM	13.414	14.543	PASS
B2	15	High	19125	1902.5	64QAM	13.446	14.642	PASS
B2	15	High	19125	1902.5	256QAM	13.433	14.612	PASS
B2	20	Low	18700	1860	QPSK	17.875	19.252	PASS
B2	20	Low	18700	1860	16QAM	17.913	19.263	PASS
B2	20	Low	18700	1860	64QAM	17.939	19.460	PASS
B2	20	Low	18700	1860	256QAM	17.879	19.459	PASS
B2	20	Mid	18900	1880	QPSK	17.923	19.331	PASS
B2	20	Mid	18900	1880	16QAM	17.919	19.164	PASS
B2	20	Mid	18900	1880	64QAM	17.895	19.391	PASS
B2	20	Mid	18900	1880	256QAM	17.907	19.291	PASS
B2	20	High	19100	1900	QPSK	17.927	19.293	PASS
B2	20	High	19100	1900	16QAM	17.951	19.442	PASS
B2	20	High	19100	1900	64QAM	17.933	19.401	PASS



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B2	20	High	19100	1900	256QAM	17.926	19.568	PASS
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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	1.1020	1.3366	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1078	1.3671	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0999	1.3547	PASS
B4	1.4	Low	19957	1710.7	256QAM	1.1033	1.3525	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.1027	1.3709	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1072	1.3607	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0996	1.3306	PASS
B4	1.4	Mid	20175	1732.5	256QAM	1.1012	1.3439	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1061	1.3524	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1089	1.3681	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1089	1.3867	PASS
B4	1.4	High	20393	1754.3	256QAM	1.1020	1.3153	PASS
B4	3	Low	19965	1711.5	QPSK	2.7031	3.0619	PASS
B4	3	Low	19965	1711.5	16QAM	2.7124	3.0993	PASS
B4	3	Low	19965	1711.5	64QAM	2.7114	3.0555	PASS
B4	3	Low	19965	1711.5	256QAM	2.7099	3.1144	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7139	3.0605	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7112	3.0330	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7099	3.0425	PASS
B4	3	Mid	20175	1732.5	256QAM	2.7146	3.0876	PASS
B4	3	High	20385	1753.5	QPSK	2.7063	3.0432	PASS
B4	3	High	20385	1753.5	16QAM	2.7076	3.0513	PASS
B4	3	High	20385	1753.5	64QAM	2.7120	3.0752	PASS
B4	3	High	20385	1753.5	256QAM	2.7123	3.0594	PASS
B4	5	Low	19975	1712.5	QPSK	4.4796	4.9321	PASS
B4	5	Low	19975	1712.5	16QAM	4.4795	5.0121	PASS
B4	5	Low	19975	1712.5	64QAM	4.4812	4.9918	PASS
B4	5	Low	19975	1712.5	256QAM	4.4907	5.0683	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4836	5.0084	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4882	5.0004	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4810	5.0548	PASS
B4	5	Mid	20175	1732.5	256QAM	4.4844	5.0005	PASS
B4	5	High	20375	1752.5	QPSK	4.4833	5.0008	PASS



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B4	5	High	20375	1752.5	16QAM	4.4849	4.9819	PASS
B4	5	High	20375	1752.5	64QAM	4.4748	5.0368	PASS
B4	5	High	20375	1752.5	256QAM	4.4866	5.0087	PASS
B4	10	Low	20000	1715	QPSK	8.9618	9.8295	PASS
B4	10	Low	20000	1715	16QAM	8.9582	9.8044	PASS
B4	10	Low	20000	1715	64QAM	8.9460	9.8168	PASS
B4	10	Low	20000	1715	256QAM	8.9544	9.8791	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9455	9.7462	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9698	9.8285	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9599	9.8511	PASS
B4	10	Mid	20175	1732.5	256QAM	8.9684	9.8674	PASS
B4	10	High	20350	1750	QPSK	8.9533	9.8565	PASS
B4	10	High	20350	1750	16QAM	8.9425	9.8333	PASS
B4	10	High	20350	1750	64QAM	8.9530	9.6828	PASS
B4	10	High	20350	1750	256QAM	8.9421	9.8605	PASS
B4	15	Low	20025	1717.5	QPSK	13.441	14.596	PASS
B4	15	Low	20025	1717.5	16QAM	13.445	14.574	PASS
B4	15	Low	20025	1717.5	64QAM	13.460	14.588	PASS
B4	15	Low	20025	1717.5	256QAM	13.444	14.720	PASS
B4	15	Mid	20175	1732.5	QPSK	13.416	14.556	PASS
B4	15	Mid	20175	1732.5	16QAM	13.427	14.524	PASS
B4	15	Mid	20175	1732.5	64QAM	13.421	14.713	PASS
B4	15	Mid	20175	1732.5	256QAM	13.430	14.496	PASS
B4	15	High	20325	1747.5	QPSK	13.437	14.659	PASS
B4	15	High	20325	1747.5	16QAM	13.464	14.661	PASS
B4	15	High	20325	1747.5	64QAM	13.416	14.703	PASS
B4	15	High	20325	1747.5	256QAM	13.413	14.567	PASS
B4	20	Low	20050	1720	QPSK	17.897	19.237	PASS
B4	20	Low	20050	1720	16QAM	17.902	19.333	PASS
B4	20	Low	20050	1720	64QAM	17.907	19.557	PASS
B4	20	Low	20050	1720	256QAM	17.926	19.556	PASS
B4	20	Mid	20175	1732.5	QPSK	17.854	19.251	PASS
B4	20	Mid	20175	1732.5	16QAM	17.897	19.387	PASS
B4	20	Mid	20175	1732.5	64QAM	17.883	19.358	PASS
B4	20	Mid	20175	1732.5	256QAM	17.879	19.236	PASS
B4	20	High	20300	1745	QPSK	17.889	19.300	PASS
B4	20	High	20300	1745	16QAM	17.913	19.461	PASS
B4	20	High	20300	1745	64QAM	17.939	19.338	PASS



B4	20	High	20300	1745	256QAM	17.908	19.650	PASS
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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	1.1011	1.3617	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1011	1.3766	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1065	1.3531	PASS
B5	1.4	Low	20407	824.7	256QAM	1.1041	1.3539	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.1037	1.3512	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1078	1.3568	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1033	1.3539	PASS
B5	1.4	Mid	20525	836.5	256QAM	1.1062	1.3363	PASS
B5	1.4	High	20643	848.3	QPSK	1.1107	1.3937	PASS
B5	1.4	High	20643	848.3	16QAM	1.1105	1.3822	PASS
B5	1.4	High	20643	848.3	64QAM	1.1075	1.3860	PASS
B5	1.4	High	20643	848.3	256QAM	1.0994	1.3252	PASS
B5	3	Low	20415	825.5	QPSK	2.7065	3.0802	PASS
B5	3	Low	20415	825.5	16QAM	2.7088	3.0283	PASS
B5	3	Low	20415	825.5	64QAM	2.7125	3.0776	PASS
B5	3	Low	20415	825.5	256QAM	2.7181	3.0703	PASS
B5	3	Mid	20525	836.5	QPSK	2.7101	3.0720	PASS
B5	3	Mid	20525	836.5	16QAM	2.7094	3.0321	PASS
B5	3	Mid	20525	836.5	64QAM	2.7133	3.0595	PASS
B5	3	Mid	20525	836.5	256QAM	2.7125	3.0514	PASS
B5	3	High	20635	847.5	QPSK	2.7125	3.0363	PASS
B5	3	High	20635	847.5	16QAM	2.7084	3.0627	PASS
B5	3	High	20635	847.5	64QAM	2.7126	3.0560	PASS
B5	3	High	20635	847.5	256QAM	2.7112	3.0812	PASS
B5	5	Low	20425	826.5	QPSK	4.4827	5.0415	PASS
B5	5	Low	20425	826.5	16QAM	4.4879	5.0762	PASS
B5	5	Low	20425	826.5	64QAM	4.4839	5.0571	PASS
B5	5	Low	20425	826.5	256QAM	4.4850	5.0256	PASS
B5	5	Mid	20525	836.5	QPSK	4.4828	4.9786	PASS
B5	5	Mid	20525	836.5	16QAM	4.4819	5.0224	PASS
B5	5	Mid	20525	836.5	64QAM	4.4796	5.0412	PASS
B5	5	Mid	20525	836.5	256QAM	4.4804	4.9234	PASS
B5	5	High	20625	846.5	QPSK	4.4696	4.9741	PASS



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B5	5	High	20625	846.5	16QAM	4.4663	4.9523	PASS
B5	5	High	20625	846.5	64QAM	4.4659	4.9310	PASS
B5	5	High	20625	846.5	256QAM	4.4608	4.9182	PASS
B5	10	Low	20450	829	QPSK	8.9587	9.9036	PASS
B5	10	Low	20450	829	16QAM	8.9518	9.7242	PASS
B5	10	Low	20450	829	64QAM	8.9420	9.8070	PASS
B5	10	Low	20450	829	256QAM	8.9694	9.7599	PASS
B5	10	Mid	20525	836.5	QPSK	8.9516	9.8256	PASS
B5	10	Mid	20525	836.5	16QAM	8.9289	9.7729	PASS
B5	10	Mid	20525	836.5	64QAM	8.9464	9.7263	PASS
B5	10	Mid	20525	836.5	256QAM	8.9383	9.7184	PASS
B5	10	High	20600	844	QPSK	8.9129	9.7171	PASS
B5	10	High	20600	844	16QAM	8.8964	9.7529	PASS
B5	10	High	20600	844	64QAM	8.9023	9.7100	PASS
B5	10	High	20600	844	256QAM	8.9061	9.6412	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	4.4806	4.9528	PASS
B7	5	Low	20775	2502.5	16QAM	4.4840	4.9861	PASS
B7	5	Low	20775	2502.5	64QAM	4.4800	4.9565	PASS
B7	5	Low	20775	2502.5	256QAM	4.4851	5.0110	PASS
B7	5	Mid	21100	2535	QPSK	4.4841	5.0749	PASS
B7	5	Mid	21100	2535	16QAM	4.4883	4.9887	PASS
B7	5	Mid	21100	2535	64QAM	4.4769	5.0427	PASS
B7	5	Mid	21100	2535	256QAM	4.4793	4.9697	PASS
B7	5	High	21425	2567.5	QPSK	4.4832	5.0872	PASS
B7	5	High	21425	2567.5	16QAM	4.4925	5.0574	PASS
B7	5	High	21425	2567.5	64QAM	4.4895	5.0202	PASS
B7	5	High	21425	2567.5	256QAM	4.4874	5.0412	PASS
B7	10	Low	20800	2505	QPSK	8.9637	9.9618	PASS
B7	10	Low	20800	2505	16QAM	8.9757	9.7851	PASS
B7	10	Low	20800	2505	64QAM	8.9538	9.8015	PASS
B7	10	Low	20800	2505	256QAM	8.9580	9.7539	PASS
B7	10	Mid	21100	2535	QPSK	8.9744	9.9178	PASS
B7	10	Mid	21100	2535	16QAM	8.9642	9.7788	PASS
B7	10	Mid	21100	2535	64QAM	8.9502	9.7884	PASS
B7	10	Mid	21100	2535	256QAM	8.9456	9.8073	PASS
B7	10	High	21400	2565	QPSK	8.9620	9.8904	PASS
B7	10	High	21400	2565	16QAM	8.9699	9.8675	PASS
B7	10	High	21400	2565	64QAM	8.9539	9.9022	PASS
B7	10	High	21400	2565	256QAM	8.9431	9.8335	PASS
B7	15	Low	20825	2507.5	QPSK	13.431	14.624	PASS
B7	15	Low	20825	2507.5	16QAM	13.431	14.679	PASS
B7	15	Low	20825	2507.5	64QAM	13.440	14.531	PASS
B7	15	Low	20825	2507.5	256QAM	13.416	14.457	PASS
B7	15	Mid	21100	2535	QPSK	13.465	14.640	PASS
B7	15	Mid	21100	2535	16QAM	13.419	14.587	PASS
B7	15	Mid	21100	2535	64QAM	13.434	14.642	PASS
B7	15	Mid	21100	2535	256QAM	13.398	14.653	PASS
B7	15	High	21375	2562.5	QPSK	13.413	14.537	PASS
B7	15	High	21375	2562.5	16QAM	13.401	14.423	PASS
B7	15	High	21375	2562.5	64QAM	13.416	14.523	PASS



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B7	15	High	21375	2562.5	256QAM	13.394	14.430	PASS
B7	20	Low	20850	2510	QPSK	17.898	19.349	PASS
B7	20	Low	20850	2510	16QAM	17.894	19.331	PASS
B7	20	Low	20850	2510	64QAM	17.877	19.280	PASS
B7	20	Low	20850	2510	256QAM	17.864	19.140	PASS
B7	20	Mid	21100	2535	QPSK	17.916	19.607	PASS
B7	20	Mid	21100	2535	16QAM	17.953	19.404	PASS
B7	20	Mid	21100	2535	64QAM	17.892	19.379	PASS
B7	20	Mid	21100	2535	256QAM	17.930	19.309	PASS
B7	20	High	21350	2560	QPSK	17.872	19.166	PASS
B7	20	High	21350	2560	16QAM	17.869	19.420	PASS
B7	20	High	21350	2560	64QAM	17.839	19.218	PASS
B7	20	High	21350	2560	256QAM	17.827	19.448	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.1034	1.3424	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1067	1.3632	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1039	1.3702	PASS
B12	1.4	Low	23017	699.7	256QAM	1.1054	1.3549	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1041	1.3736	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1117	1.3723	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1019	1.3572	PASS
B12	1.4	Mid	23095	707.5	256QAM	1.1020	1.3195	PASS
B12	1.4	High	23173	715.3	QPSK	1.1017	1.3387	PASS
B12	1.4	High	23173	715.3	16QAM	1.1045	1.3855	PASS
B12	1.4	High	23173	715.3	64QAM	1.1077	1.3289	PASS
B12	1.4	High	23173	715.3	256QAM	1.1034	1.3669	PASS
B12	3	Low	23025	700.5	QPSK	2.7069	3.0509	PASS
B12	3	Low	23025	700.5	16QAM	2.7133	3.0592	PASS
B12	3	Low	23025	700.5	64QAM	2.7077	2.9995	PASS
B12	3	Low	23025	700.5	256QAM	2.7026	3.0591	PASS
B12	3	Mid	23095	707.5	QPSK	2.7063	3.0533	PASS
B12	3	Mid	23095	707.5	16QAM	2.7154	3.0533	PASS
B12	3	Mid	23095	707.5	64QAM	2.7090	3.0555	PASS
B12	3	Mid	23095	707.5	256QAM	2.7120	3.1030	PASS
B12	3	High	23165	714.5	QPSK	2.7043	3.0568	PASS
B12	3	High	23165	714.5	16QAM	2.7069	3.0483	PASS
B12	3	High	23165	714.5	64QAM	2.7049	3.0506	PASS
B12	3	High	23165	714.5	256QAM	2.7093	3.0909	PASS
B12	5	Low	23035	701.5	QPSK	4.4808	4.9795	PASS
B12	5	Low	23035	701.5	16QAM	4.4766	5.0346	PASS
B12	5	Low	23035	701.5	64QAM	4.4833	5.0467	PASS
B12	5	Low	23035	701.5	256QAM	4.4873	5.0160	PASS
B12	5	Mid	23095	707.5	QPSK	4.4770	5.0113	PASS
B12	5	Mid	23095	707.5	16QAM	4.4780	4.9827	PASS
B12	5	Mid	23095	707.5	64QAM	4.4800	5.0722	PASS
B12	5	Mid	23095	707.5	256QAM	4.4814	4.9402	PASS
B12	5	High	23155	713.5	QPSK	4.4821	4.9784	PASS
B12	5	High	23155	713.5	16QAM	4.4872	5.0885	PASS
B12	5	High	23155	713.5	64QAM	4.4760	4.9746	PASS



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B12	5	High	23155	713.5	256QAM	4.4803	4.9928	PASS
B12	10	Low	23060	704	QPSK	8.9436	9.7335	PASS
B12	10	Low	23060	704	16QAM	8.9575	9.7715	PASS
B12	10	Low	23060	704	64QAM	8.9447	9.6974	PASS
B12	10	Low	23060	704	256QAM	8.9572	9.6909	PASS
B12	10	Mid	23095	707.5	QPSK	8.9417	9.7366	PASS
B12	10	Mid	23095	707.5	16QAM	8.9303	9.8154	PASS
B12	10	Mid	23095	707.5	64QAM	8.9273	9.7390	PASS
B12	10	Mid	23095	707.5	256QAM	8.9461	9.7188	PASS
B12	10	High	23130	711	QPSK	8.9211	9.8006	PASS
B12	10	High	23130	711	16QAM	8.9369	9.8200	PASS
B12	10	High	23130	711	64QAM	8.9271	9.8040	PASS
B12	10	High	23130	711	256QAM	8.9261	9.7711	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	4.4796	4.9442	PASS
B13	5	Low	23205	779.5	16QAM	4.4736	4.9234	PASS
B13	5	Low	23205	779.5	64QAM	4.4823	4.9815	PASS
B13	5	Low	23205	779.5	256QAM	4.4834	4.9785	PASS
B13	5	Mid	23230	782	QPSK	4.4823	4.9735	PASS
B13	5	Mid	23230	782	16QAM	4.4734	4.9370	PASS
B13	5	Mid	23230	782	64QAM	4.4861	4.9641	PASS
B13	5	Mid	23230	782	256QAM	4.4690	4.9166	PASS
B13	5	High	23255	784.5	QPSK	4.4931	5.0642	PASS
B13	5	High	23255	784.5	16QAM	4.4923	5.2704	PASS
B13	5	High	23255	784.5	64QAM	4.4872	4.9978	PASS
B13	5	High	23255	784.5	256QAM	4.4833	4.9909	PASS
B13	10	Mid	23230	782	QPSK	8.9472	9.7125	PASS
B13	10	Mid	23230	782	16QAM	8.9142	9.7665	PASS
B13	10	Mid	23230	782	64QAM	8.9101	9.7187	PASS
B13	10	Mid	23230	782	256QAM	8.9187	9.7300	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4798	4.9687	PASS
B17	5	Low	23755	706.5	16QAM	4.4830	4.9713	PASS
B17	5	Low	23755	706.5	64QAM	4.4817	5.0246	PASS
B17	5	Low	23755	706.5	256QAM	4.4796	5.0101	PASS
B17	5	Mid	23790	710	QPSK	4.4831	4.9998	PASS
B17	5	Mid	23790	710	16QAM	4.4762	4.9567	PASS
B17	5	Mid	23790	710	64QAM	4.4778	4.9741	PASS
B17	5	Mid	23790	710	256QAM	4.4888	5.0367	PASS
B17	5	High	23825	713.5	QPSK	4.4738	5.0634	PASS
B17	5	High	23825	713.5	16QAM	4.4800	4.9527	PASS
B17	5	High	23825	713.5	64QAM	4.4882	4.9695	PASS
B17	5	High	23825	713.5	256QAM	4.4887	5.0290	PASS
B17	10	Low	23780	709	QPSK	8.9331	9.8142	PASS
B17	10	Low	23780	709	16QAM	8.9252	9.7442	PASS
B17	10	Low	23780	709	64QAM	8.9282	9.7692	PASS
B17	10	Low	23780	709	256QAM	8.9279	9.7628	PASS
B17	10	Mid	23790	710	QPSK	8.9370	9.7206	PASS
B17	10	Mid	23790	710	16QAM	8.9408	9.7421	PASS
B17	10	Mid	23790	710	64QAM	8.9217	9.8209	PASS
B17	10	Mid	23790	710	256QAM	8.9254	9.8084	PASS
B17	10	High	23800	711	QPSK	8.9567	9.8055	PASS
B17	10	High	23800	711	16QAM	8.9485	9.7340	PASS
B17	10	High	23800	711	64QAM	8.9485	9.8275	PASS
B17	10	High	23800	711	256QAM	8.9421	9.7206	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	1.1021	1.3337	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.1066	1.3668	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1016	1.3583	PASS
B66	1.4	Low	131979	1710.7	256QAM	1.1022	1.3420	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0972	1.3339	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1052	1.3739	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1037	1.3499	PASS
B66	1.4	Mid	132322	1745	256QAM	1.1026	1.3579	PASS
B66	1.4	High	132665	1779.3	QPSK	1.1011	1.3470	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1098	1.3664	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1023	1.3703	PASS
B66	1.4	High	132665	1779.3	256QAM	1.1048	1.3737	PASS
B66	3	Low	131987	1711.5	QPSK	2.7124	3.0498	PASS
B66	3	Low	131987	1711.5	16QAM	2.7120	3.0700	PASS
B66	3	Low	131987	1711.5	64QAM	2.7108	3.0741	PASS
B66	3	Low	131987	1711.5	256QAM	2.7027	3.0494	PASS
B66	3	Mid	132322	1745	QPSK	2.7059	3.0805	PASS
B66	3	Mid	132322	1745	16QAM	2.7172	3.0421	PASS
B66	3	Mid	132322	1745	64QAM	2.7201	3.0529	PASS
B66	3	Mid	132322	1745	256QAM	2.7108	3.0864	PASS
B66	3	High	132657	1778.5	QPSK	2.7094	3.0147	PASS
B66	3	High	132657	1778.5	16QAM	2.7075	3.0910	PASS
B66	3	High	132657	1778.5	64QAM	2.7166	3.0571	PASS
B66	3	High	132657	1778.5	256QAM	2.7118	3.0293	PASS
B66	5	Low	131997	1712.5	QPSK	4.4829	5.0269	PASS
B66	5	Low	131997	1712.5	16QAM	4.4835	4.9474	PASS
B66	5	Low	131997	1712.5	64QAM	4.4799	5.0107	PASS
B66	5	Low	131997	1712.5	256QAM	4.4794	5.0456	PASS
B66	5	Mid	132322	1745	QPSK	4.4817	4.9316	PASS
B66	5	Mid	132322	1745	16QAM	4.4771	5.0266	PASS
B66	5	Mid	132322	1745	64QAM	4.4802	5.0223	PASS
B66	5	Mid	132322	1745	256QAM	4.4906	5.0289	PASS
B66	5	High	132647	1777.5	QPSK	4.4808	5.0745	PASS
B66	5	High	132647	1777.5	16QAM	4.4852	5.0481	PASS
B66	5	High	132647	1777.5	64QAM	4.4931	5.0296	PASS



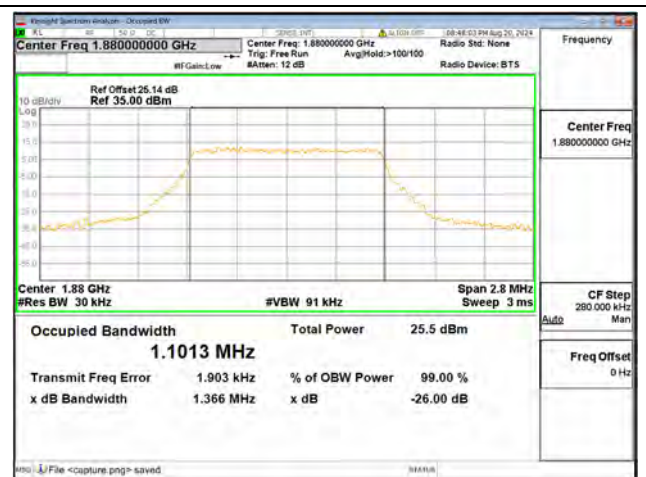
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B66	5	High	132647	1777.5	256QAM	4.4833	5.0119	PASS
B66	10	Low	132022	1715	QPSK	8.9501	9.8910	PASS
B66	10	Low	132022	1715	16QAM	8.9557	9.7972	PASS
B66	10	Low	132022	1715	64QAM	8.9558	9.8726	PASS
B66	10	Low	132022	1715	256QAM	8.9708	9.7829	PASS
B66	10	Mid	132322	1745	QPSK	8.9656	9.7653	PASS
B66	10	Mid	132322	1745	16QAM	8.9578	9.7726	PASS
B66	10	Mid	132322	1745	64QAM	8.9480	9.8111	PASS
B66	10	Mid	132322	1745	256QAM	8.9506	9.8402	PASS
B66	10	High	132622	1775	QPSK	8.9540	9.7420	PASS
B66	10	High	132622	1775	16QAM	8.9545	9.8557	PASS
B66	10	High	132622	1775	64QAM	8.9594	9.7947	PASS
B66	10	High	132622	1775	256QAM	8.9744	9.7647	PASS
B66	15	Low	132047	1717.5	QPSK	13.434	14.662	PASS
B66	15	Low	132047	1717.5	16QAM	13.436	14.650	PASS
B66	15	Low	132047	1717.5	64QAM	13.430	14.631	PASS
B66	15	Low	132047	1717.5	256QAM	13.428	14.636	PASS
B66	15	Mid	132322	1745	QPSK	13.412	14.575	PASS
B66	15	Mid	132322	1745	16QAM	13.431	14.593	PASS
B66	15	Mid	132322	1745	64QAM	13.411	14.559	PASS
B66	15	Mid	132322	1745	256QAM	13.407	14.617	PASS
B66	15	High	132597	1772.5	QPSK	13.452	14.615	PASS
B66	15	High	132597	1772.5	16QAM	13.442	14.832	PASS
B66	15	High	132597	1772.5	64QAM	13.417	14.584	PASS
B66	15	High	132597	1772.5	256QAM	13.432	14.724	PASS
B66	20	Low	132072	1720	QPSK	17.903	19.423	PASS
B66	20	Low	132072	1720	16QAM	17.924	19.388	PASS
B66	20	Low	132072	1720	64QAM	17.963	19.330	PASS
B66	20	Low	132072	1720	256QAM	17.943	19.432	PASS
B66	20	Mid	132322	1745	QPSK	17.887	19.230	PASS
B66	20	Mid	132322	1745	16QAM	17.883	19.236	PASS
B66	20	Mid	132322	1745	64QAM	17.904	19.146	PASS
B66	20	Mid	132322	1745	256QAM	17.873	19.236	PASS
B66	20	High	132572	1770	QPSK	17.855	19.323	PASS
B66	20	High	132572	1770	16QAM	17.874	19.192	PASS
B66	20	High	132572	1770	64QAM	17.878	19.465	PASS
B66	20	High	132572	1770	256QAM	17.878	19.385	PASS

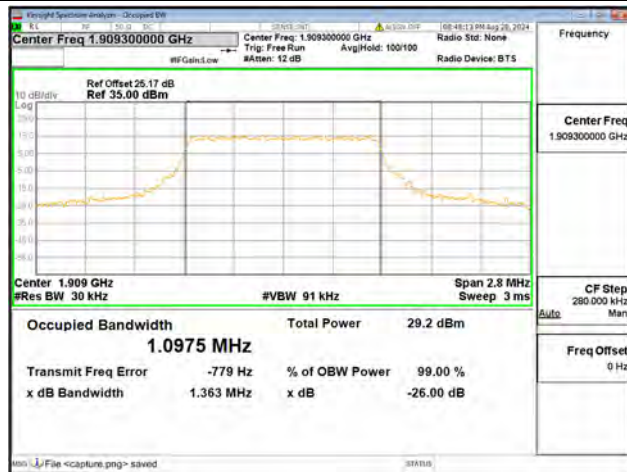




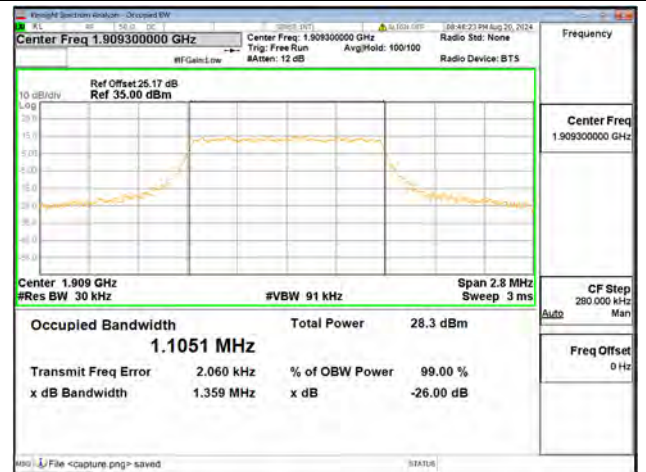
B2 / 1.4MHz / 64QAM/ Mid CH



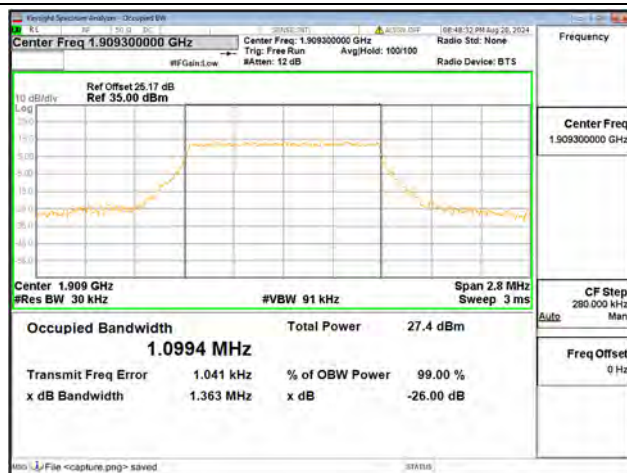
B2 / 1.4MHz / 256QAM/ Mid CH



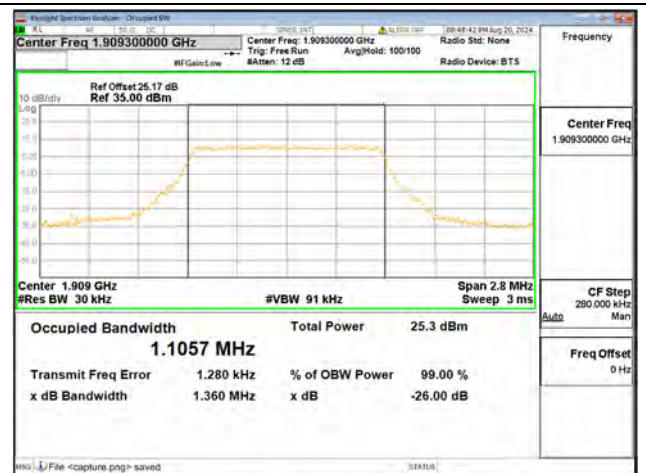
B2 / 1.4MHz / QPSK/ High CH



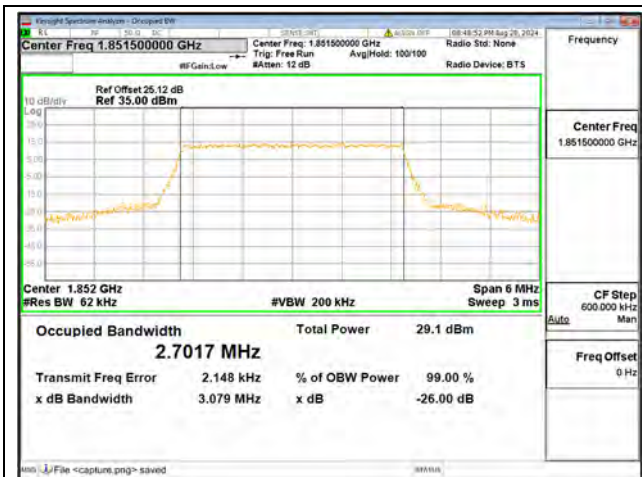
B2 / 1.4MHz / 16QAM/ High CH



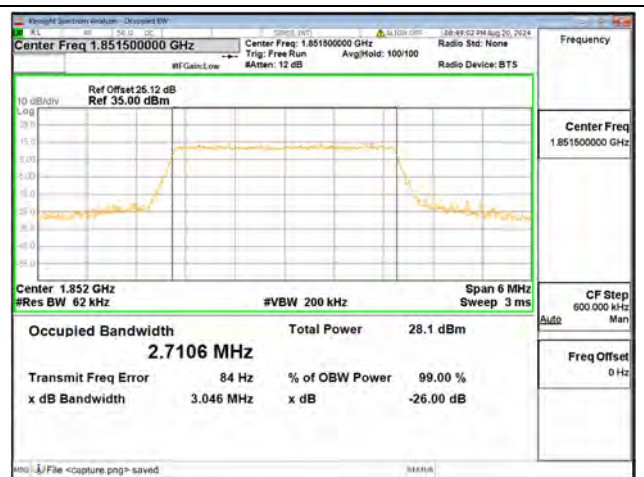
B2 / 1.4MHz / 64QAM/ High CH



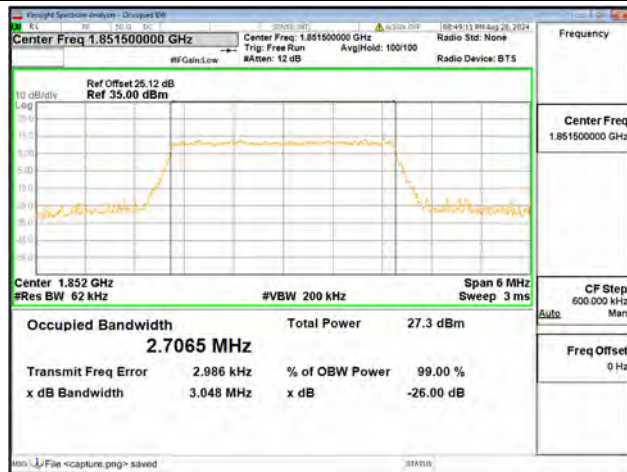
B2 / 1.4MHz / 256QAM/ High CH



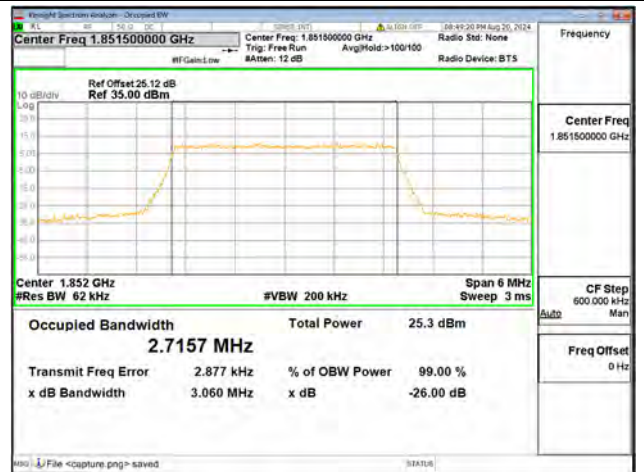
B2 / 3MHz / QPSK/ Low CH



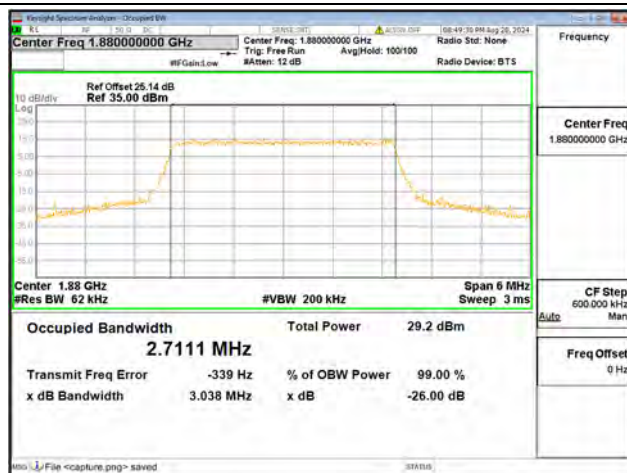
B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / 256QAM/ Low CH



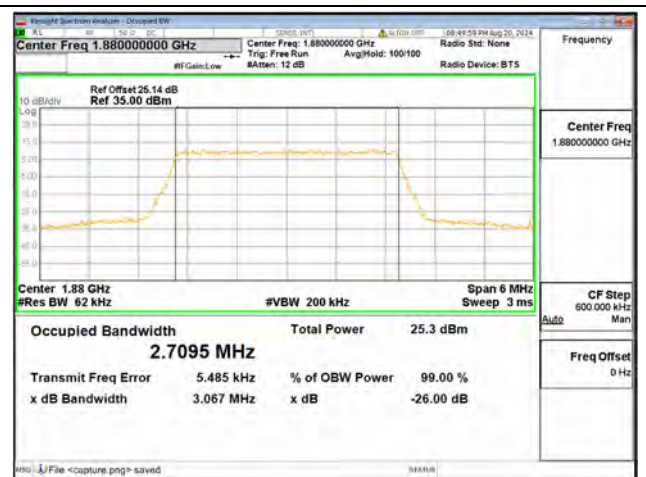
B2 / 3MHz / QPSK/ Mid CH



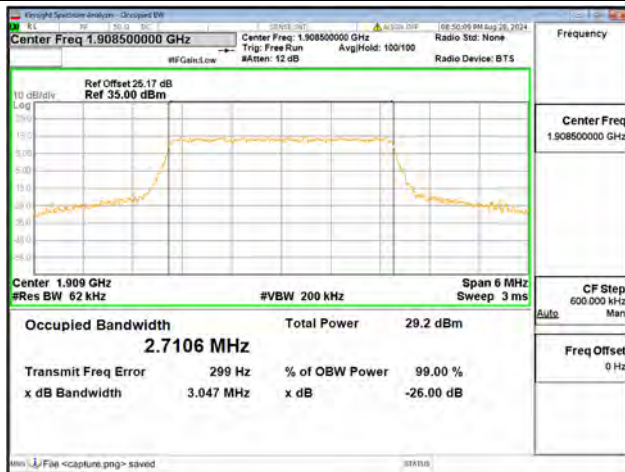
B2 / 3MHz / 16QAM/ Mid CH



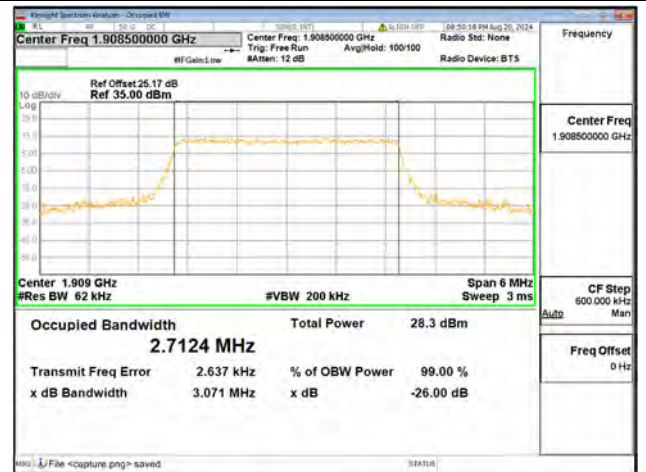
B2 / 3MHz / 64QAM/ Mid CH



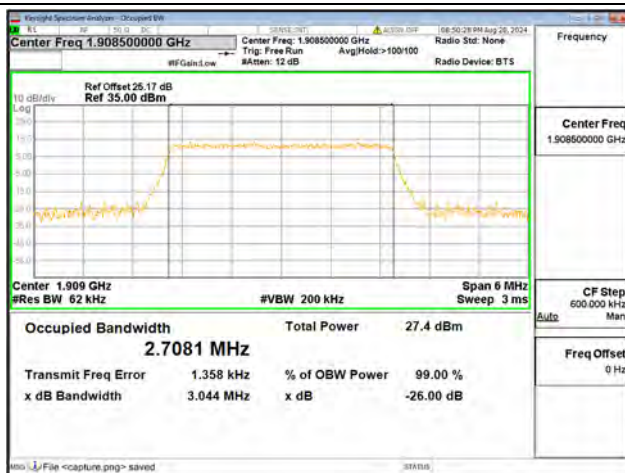
B2 / 3MHz / 256QAM/ Mid CH



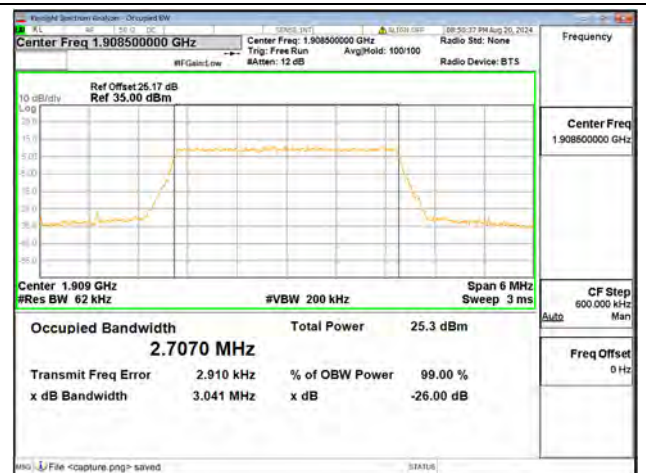
B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



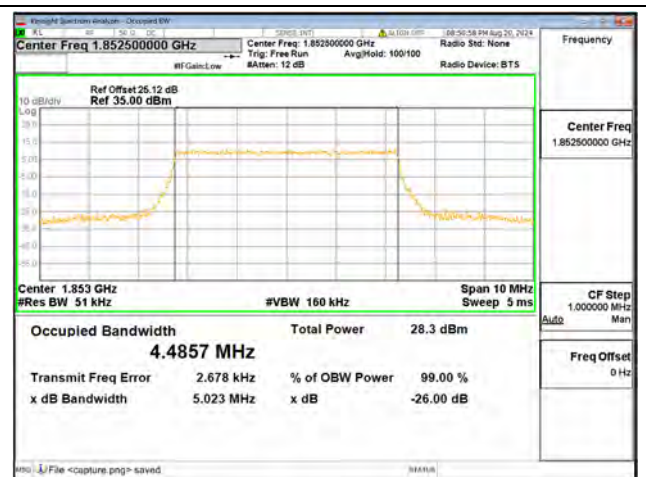
B2 / 3MHz / 64QAM/ High CH



B2 / 3MHz / 256QAM/ High CH



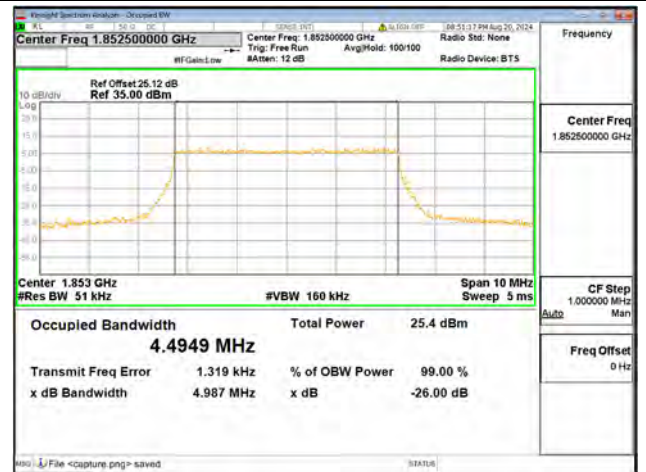
B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / 256QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



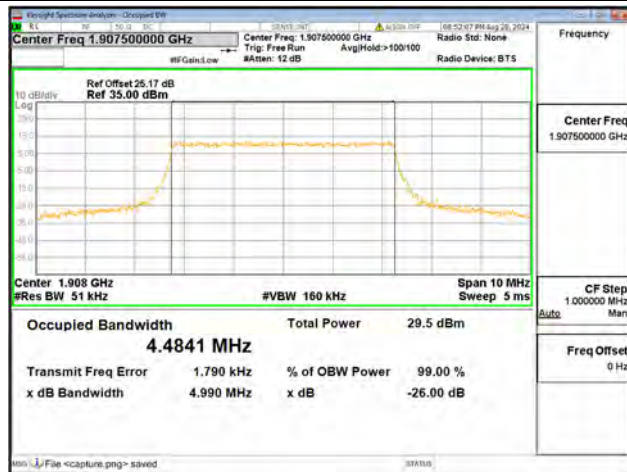
B2 / 5MHz / 16QAM/ Mid CH



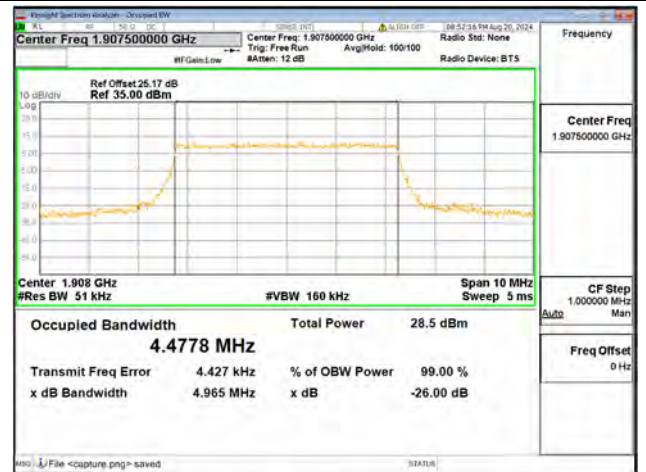
B2 / 5MHz / 64QAM/ Mid CH



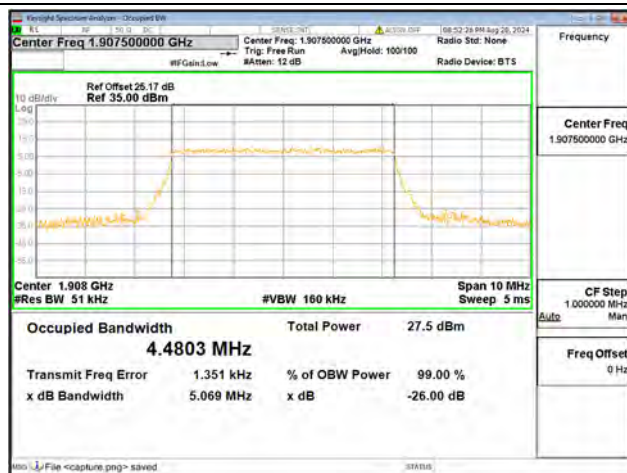
B2 / 5MHz / 256QAM/ Mid CH



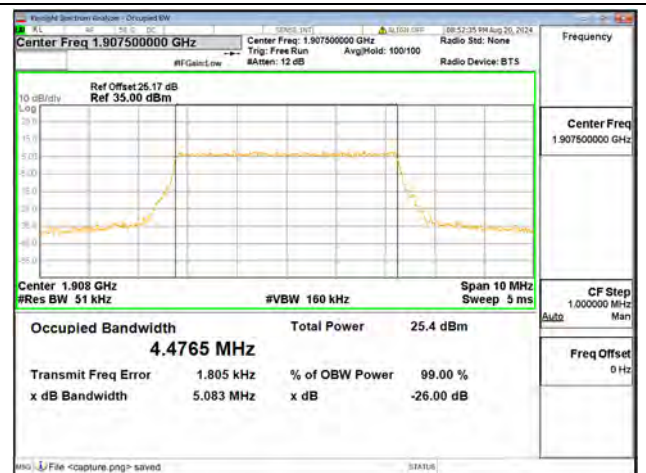
B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



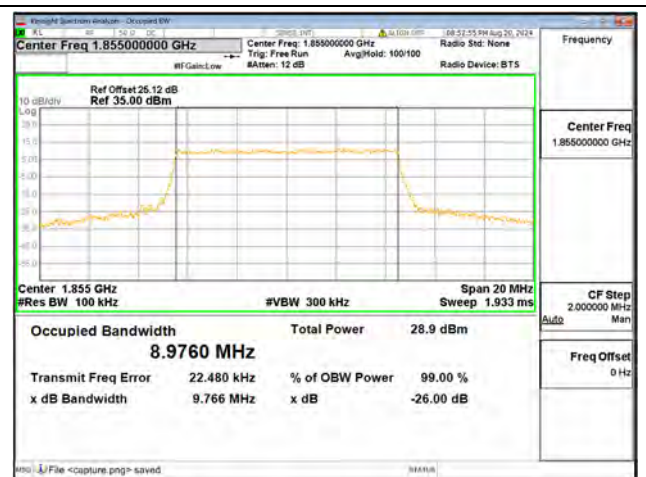
B2 / 5MHz / 64QAM/ High CH



B2 / 5MHz / 256QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



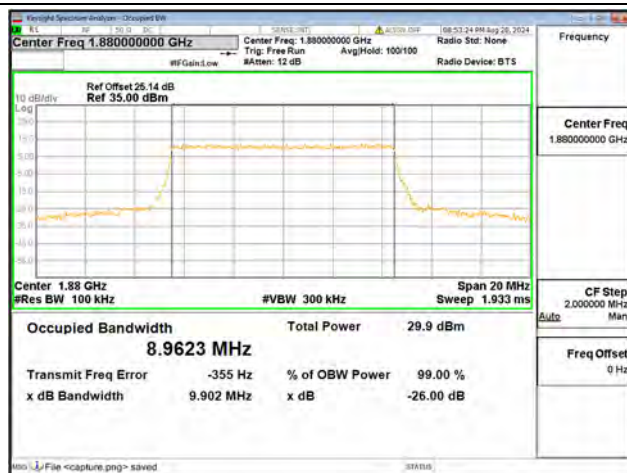
B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / 256QAM/ Low CH



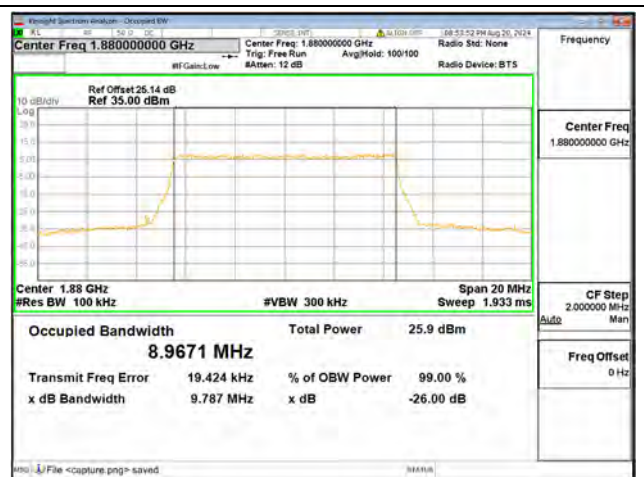
B2 / 10MHz / QPSK/ Mid CH



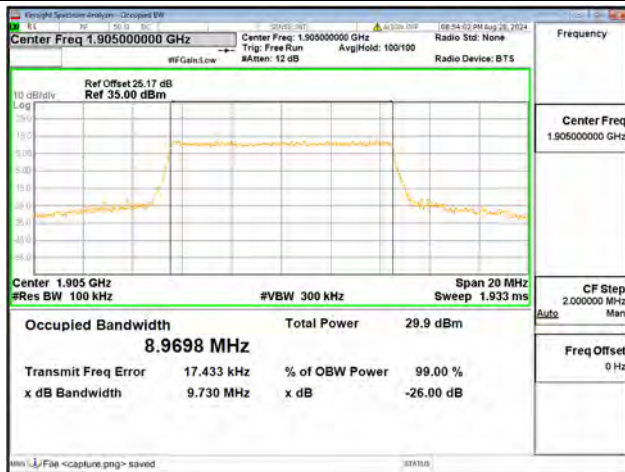
B2 / 10MHz / 16QAM/ Mid CH



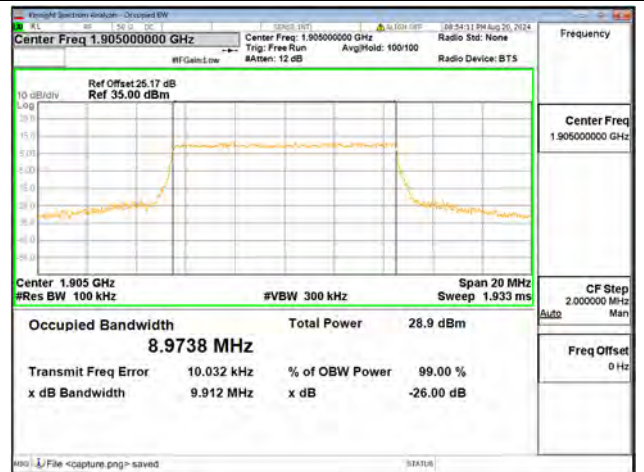
B2 / 10MHz / 64QAM/ Mid CH



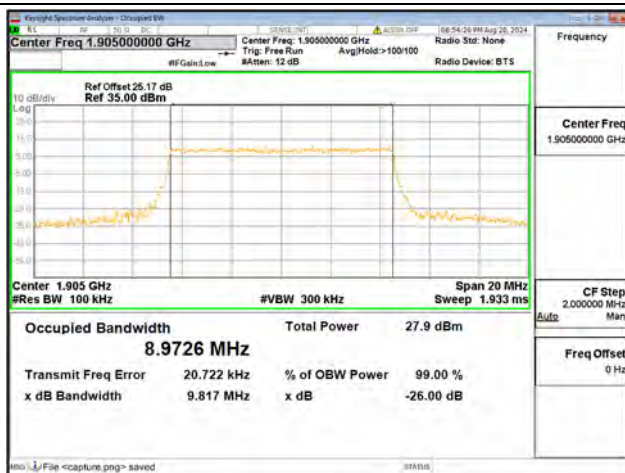
B2 / 10MHz / 256QAM/ Mid CH



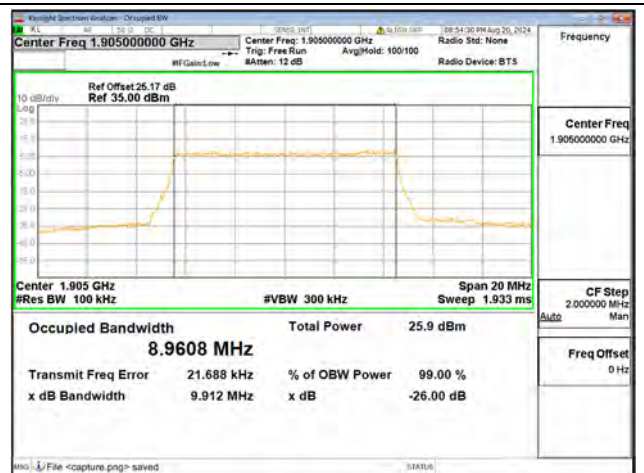
B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



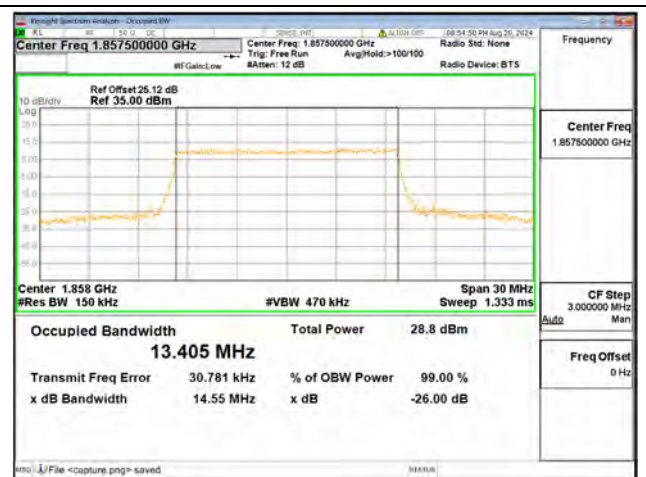
B2 / 10MHz / 64QAM/ High CH



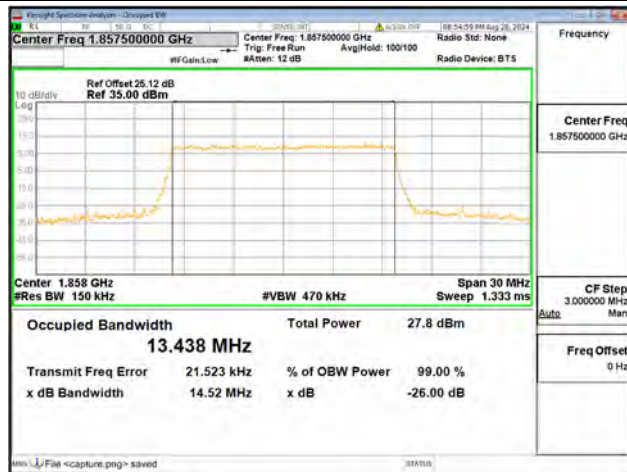
B2 / 10MHz / 256QAM/ High CH



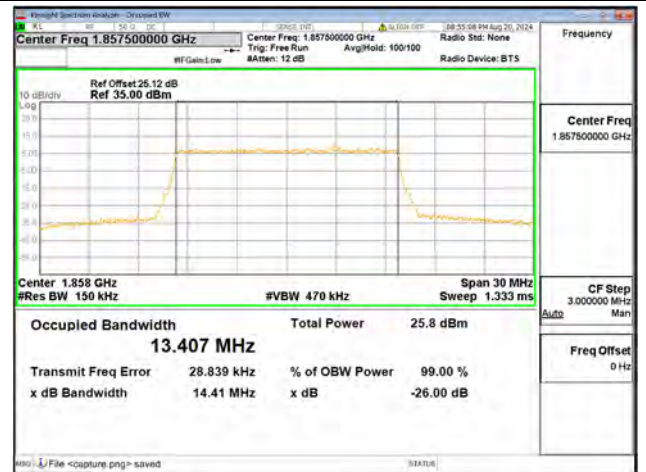
B2 / 15MHz / QPSK/ Low CH



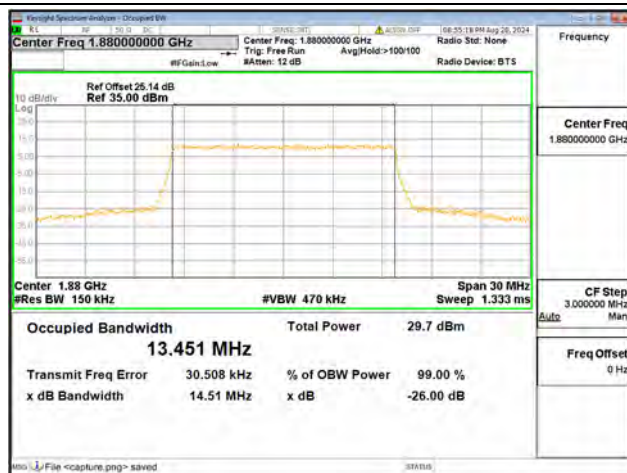
B2 / 15MHz / 16QAM/ Low CH



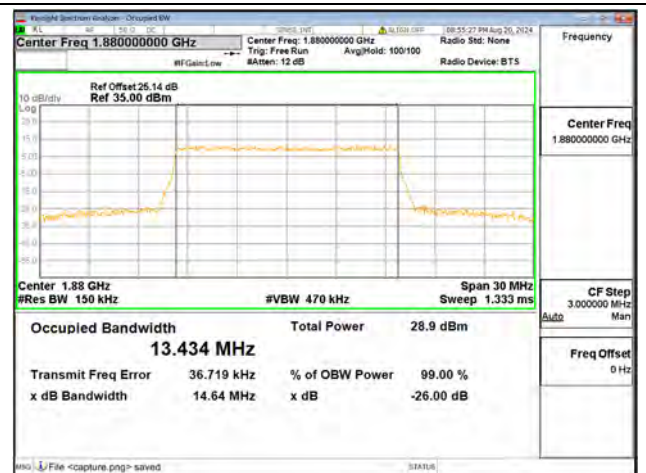
B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / 256QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



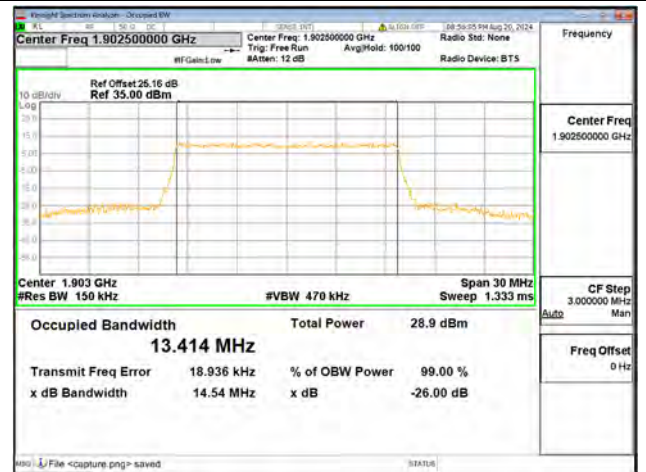
B2 / 15MHz / 64QAM/ Mid CH



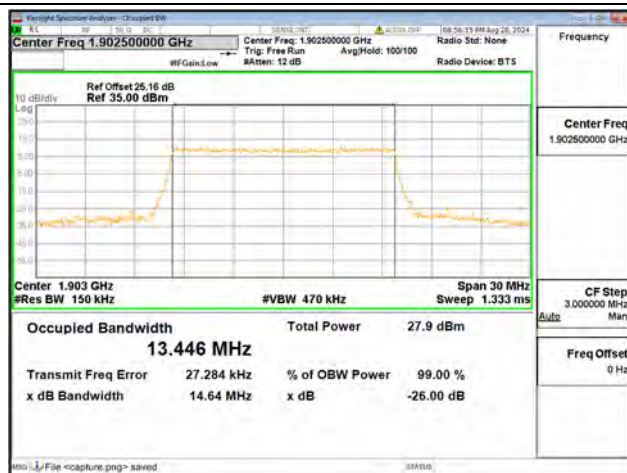
B2 / 15MHz / 256QAM/ Mid CH



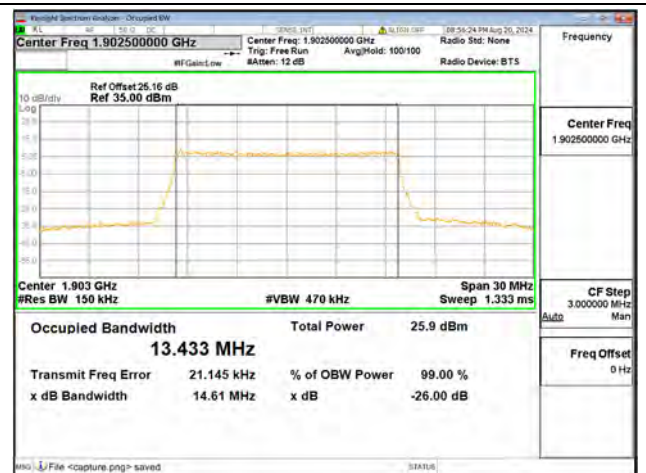
B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 15MHz / 256QAM/ High CH



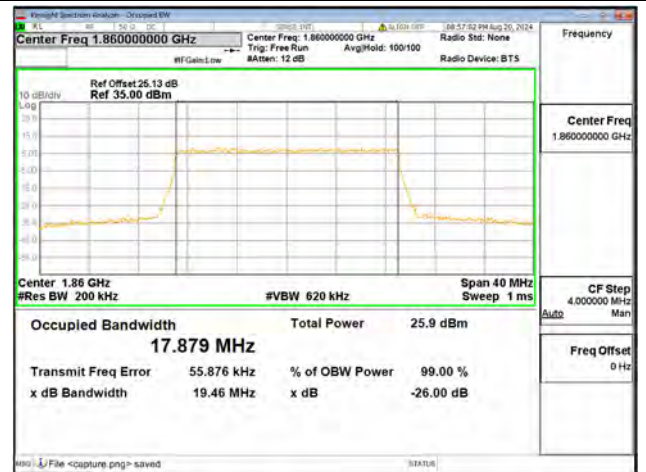
B2 / 20MHz / QPSK/ Low CH



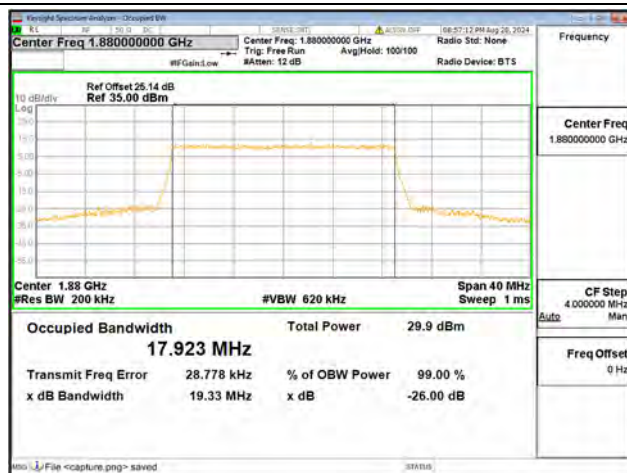
B2 / 20MHz / 16QAM/ Low CH



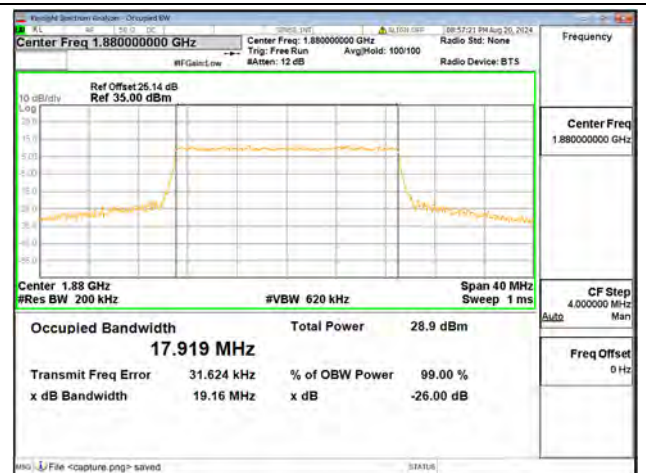
B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / 256QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



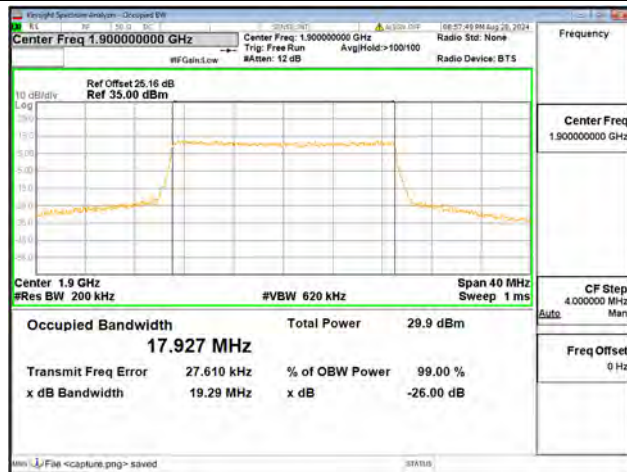
B2 / 20MHz / 16QAM/ Mid CH



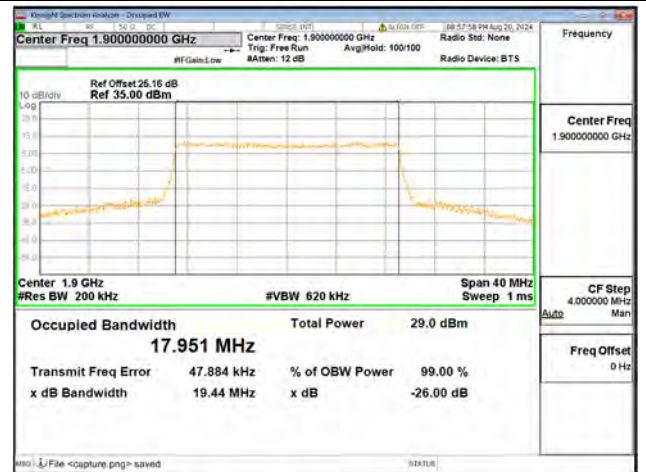
B2 / 20MHz / 64QAM/ Mid CH



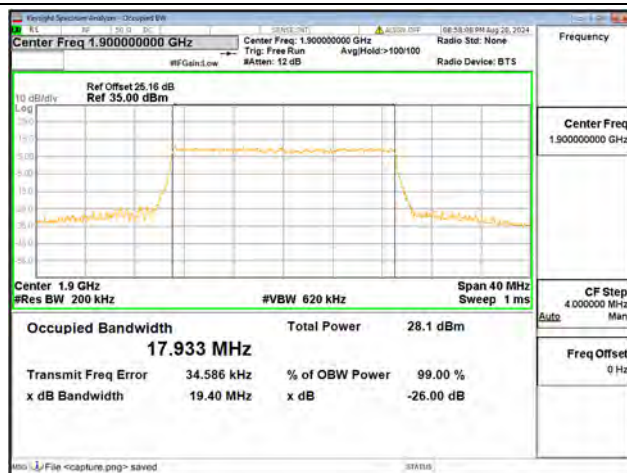
B2 / 20MHz / 256QAM/ Mid CH



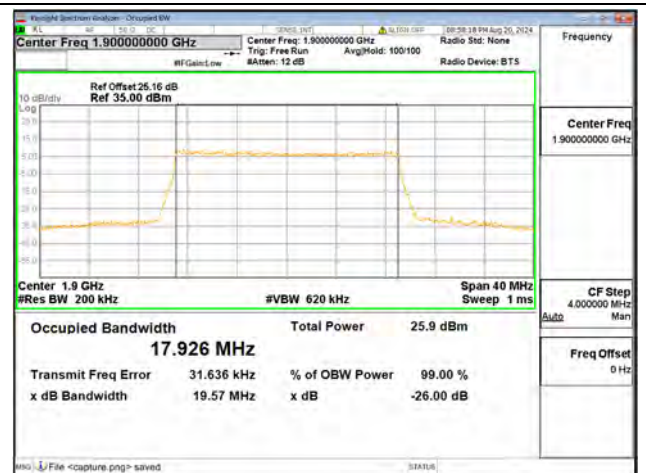
B2 / 20MHz / QPSK/ High CH



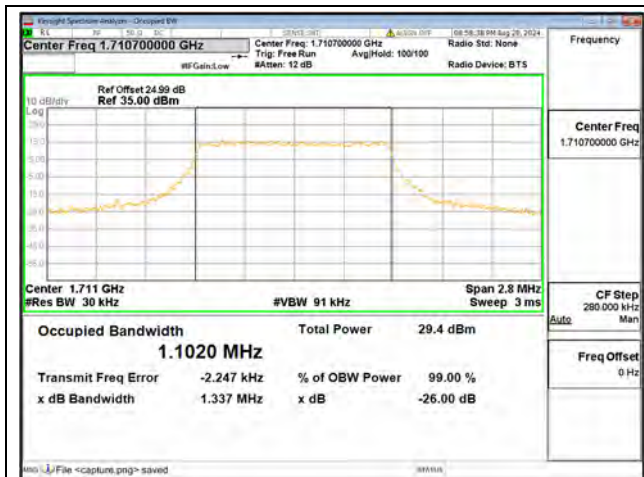
B2 / 20MHz / 16QAM/ High CH



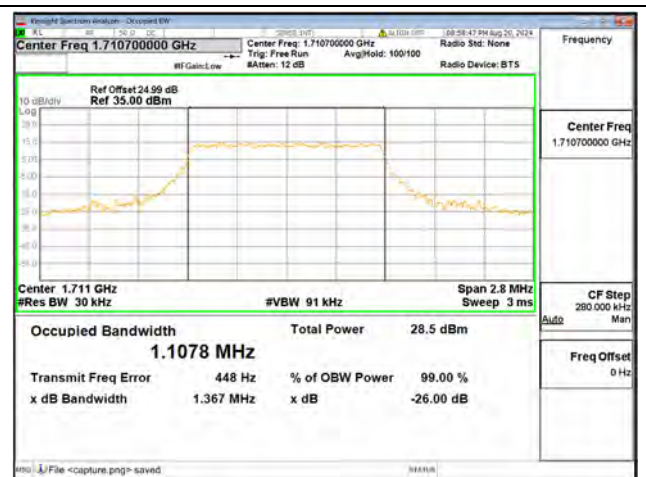
B2 / 20MHz / 64QAM/ High CH



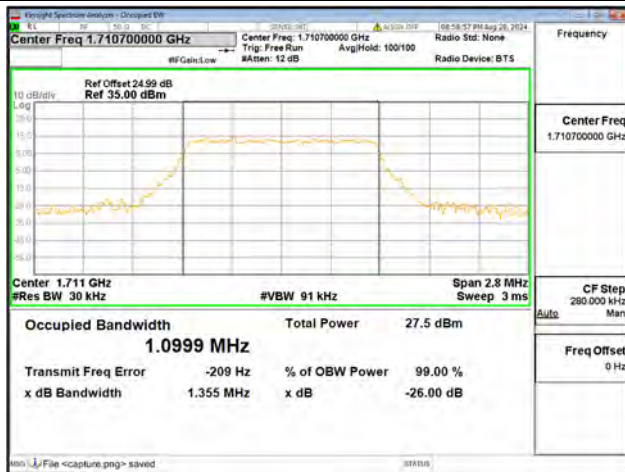
B2 / 20MHz / 256QAM/ High CH



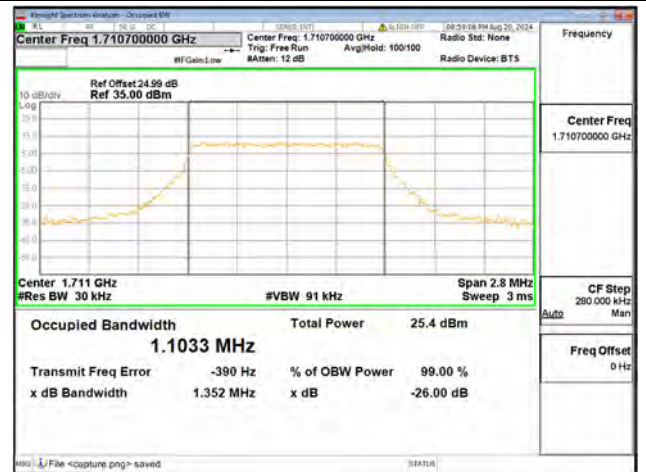
B4 / 1.4MHz / QPSK/ Low CH



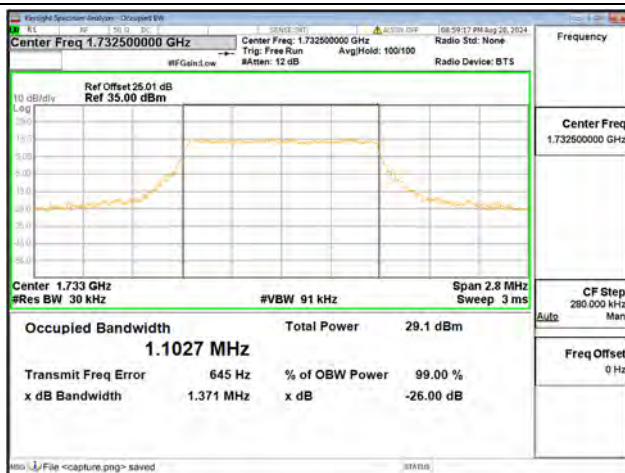
B4 / 1.4MHz / 16QAM/ Low CH



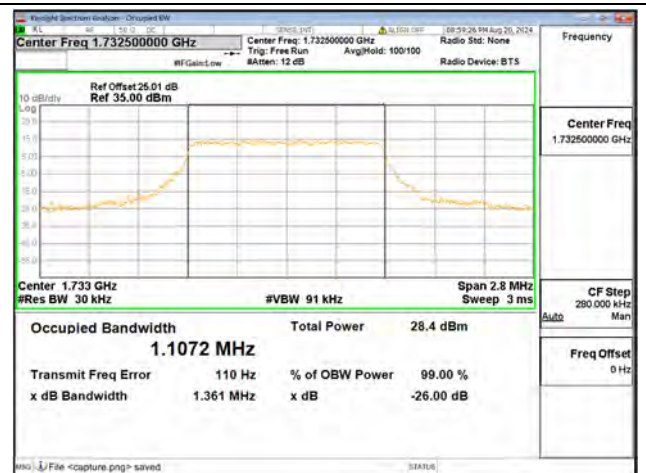
B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / 256QAM/ Low CH



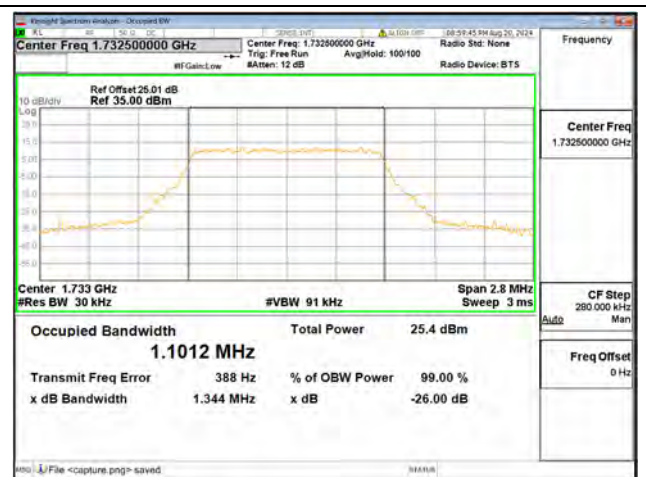
B4 / 1.4MHz / QPSK/ Mid CH



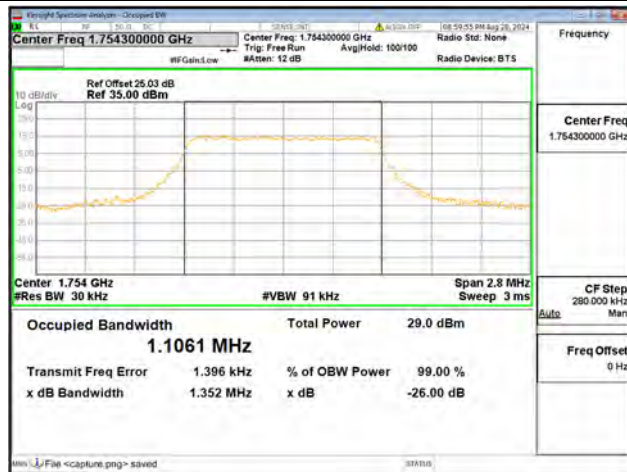
B4 / 1.4MHz / 16QAM/ Mid CH



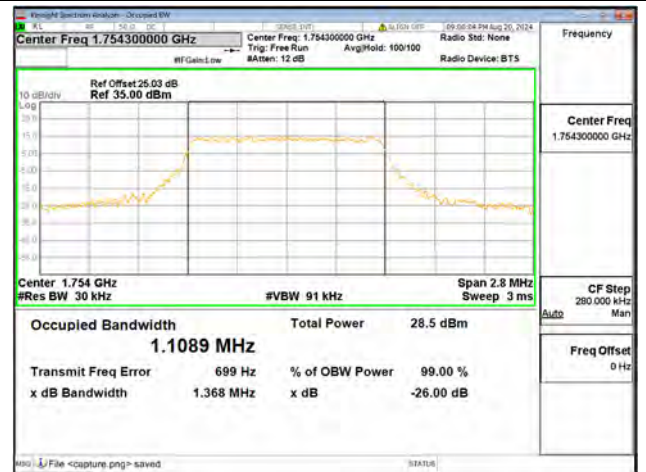
B4 / 1.4MHz / 64QAM/ Mid CH



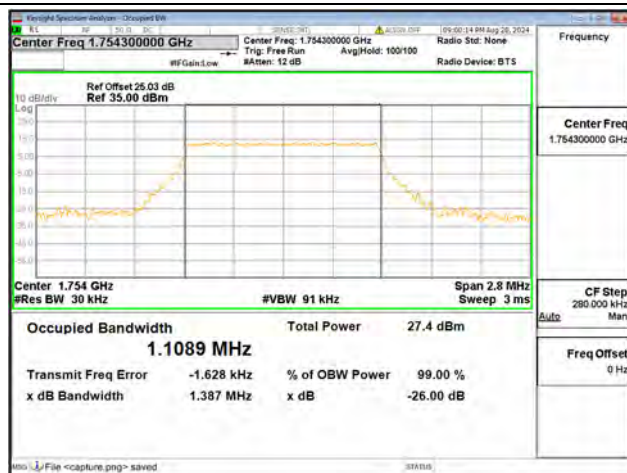
B4 / 1.4MHz / 256QAM/ Mid CH



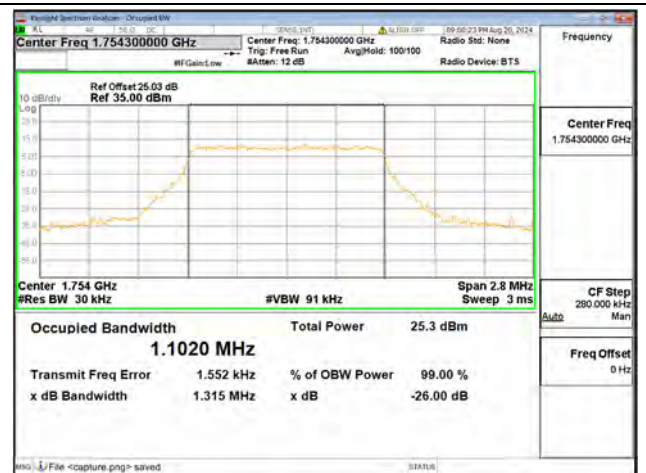
B4 / 1.4MHz / QPSK/ High CH



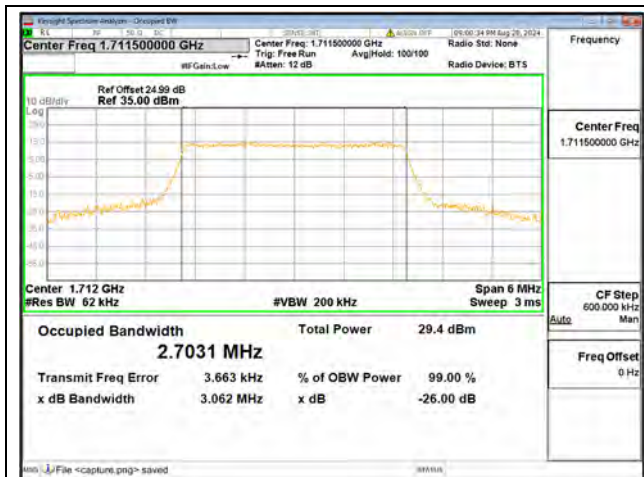
B4 / 1.4MHz / 16QAM/ High CH



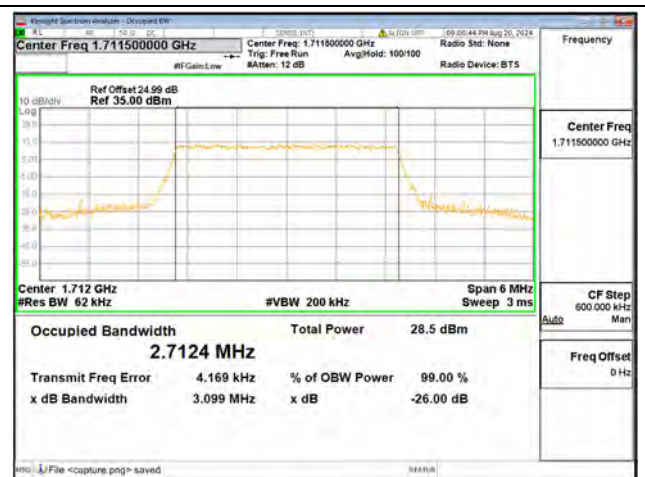
B4 / 1.4MHz / 64QAM/ High CH



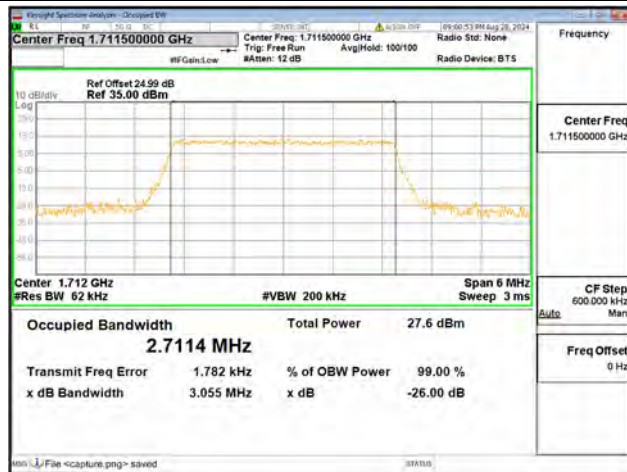
B4 / 1.4MHz / 256QAM/ High CH



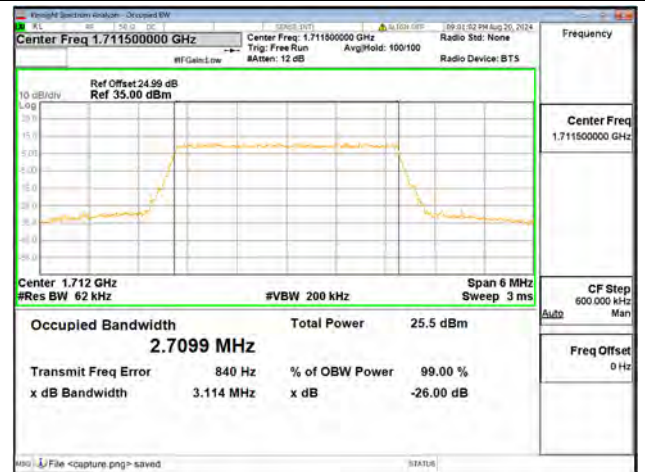
B4 / 3MHz / QPSK/ Low CH



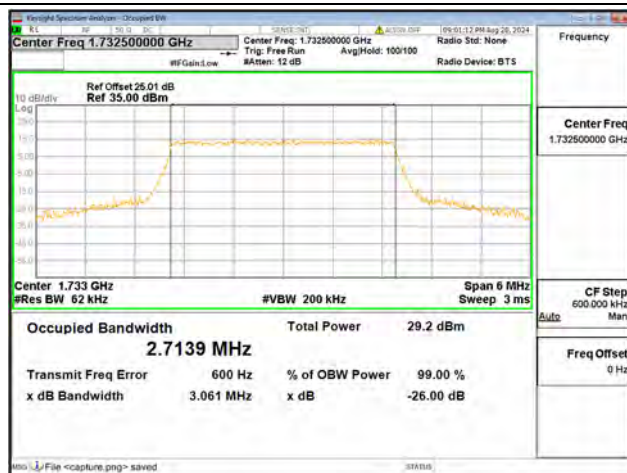
B4 / 3MHz / 16QAM/ Low CH



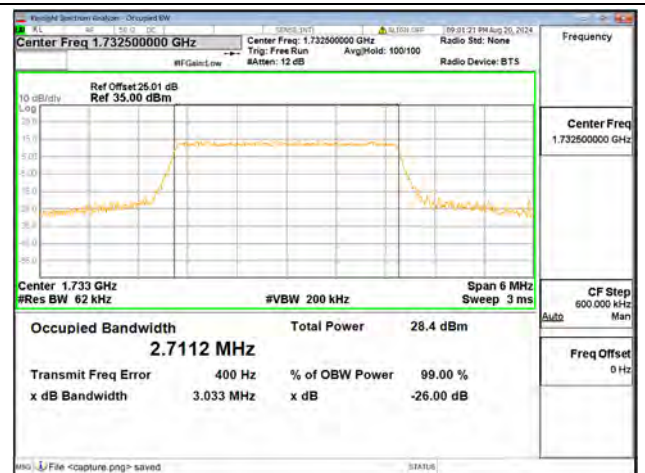
B4 / 3MHz / 64QAM/ Low CH



B4 / 3MHz / 256QAM/ Low CH



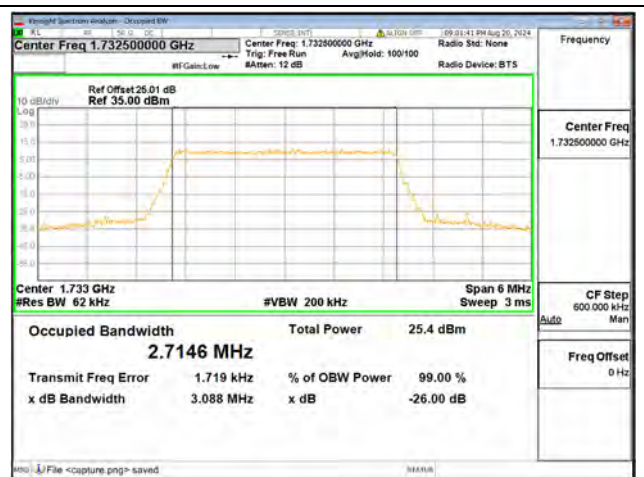
B4 / 3MHz / QPSK/ Mid CH



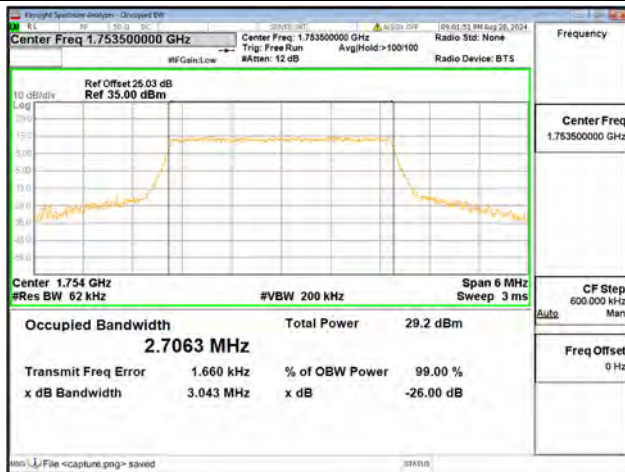
B4 / 3MHz / 16QAM/ Mid CH



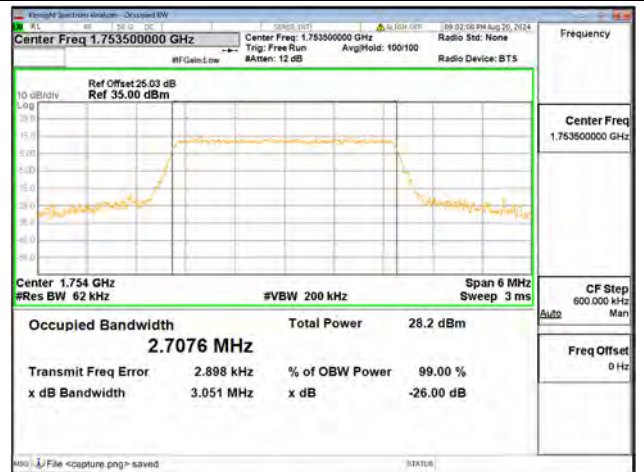
B4 / 3MHz / 64QAM/ Mid CH



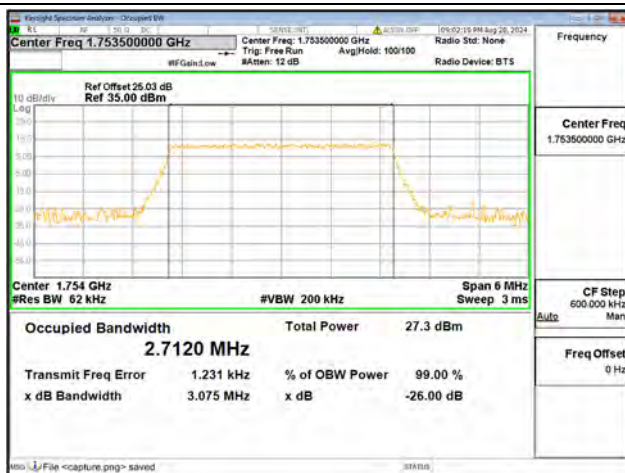
B4 / 3MHz / 256QAM/ Mid CH



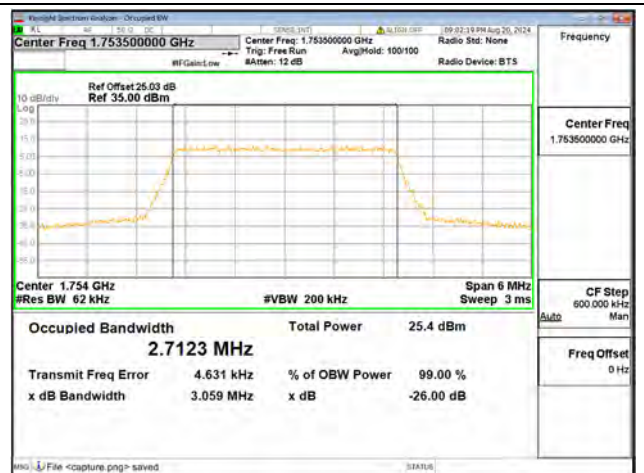
B4 / 3MHz / QPSK/ High CH



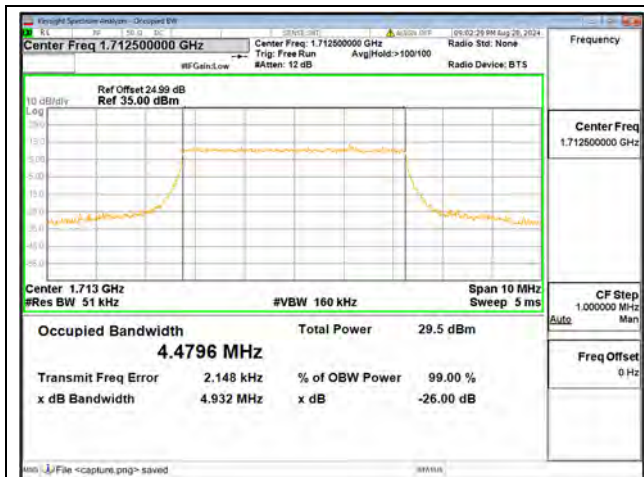
B4 / 3MHz / 16QAM/ High CH



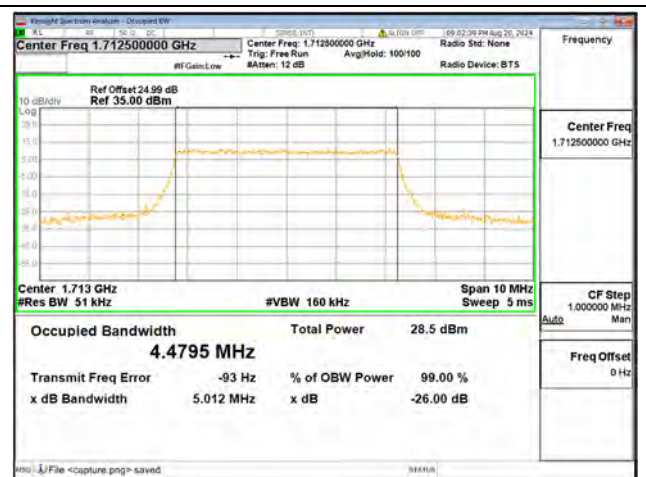
B4 / 3MHz / 64QAM/ High CH



B4 / 3MHz / 256QAM/ High CH



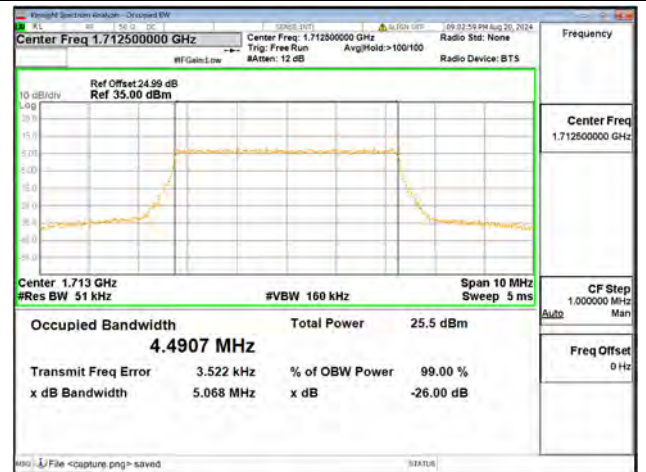
B4 / 5MHz / QPSK/ Low CH



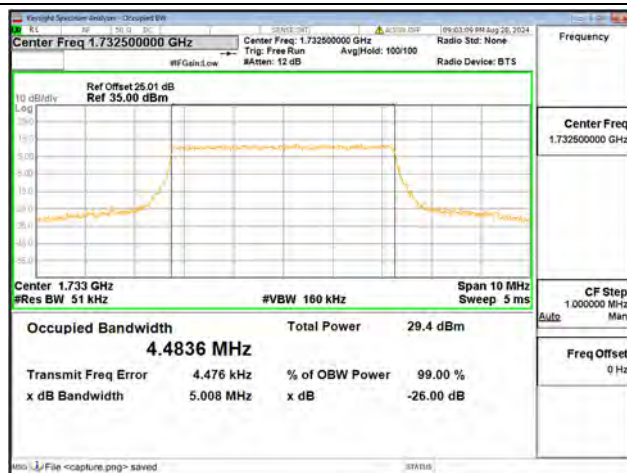
B4 / 5MHz / 16QAM/ Low CH



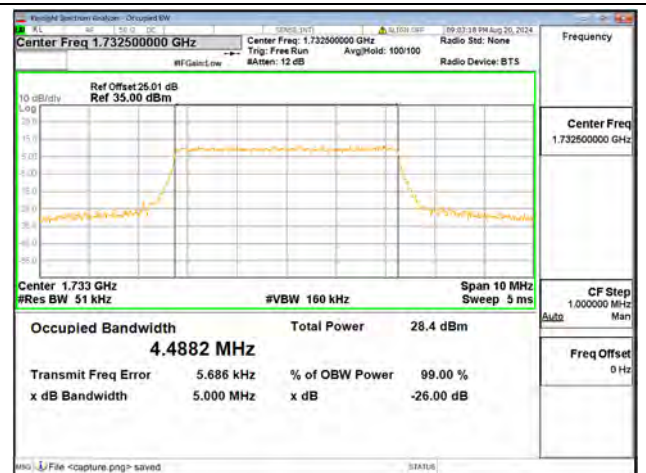
B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / 256QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



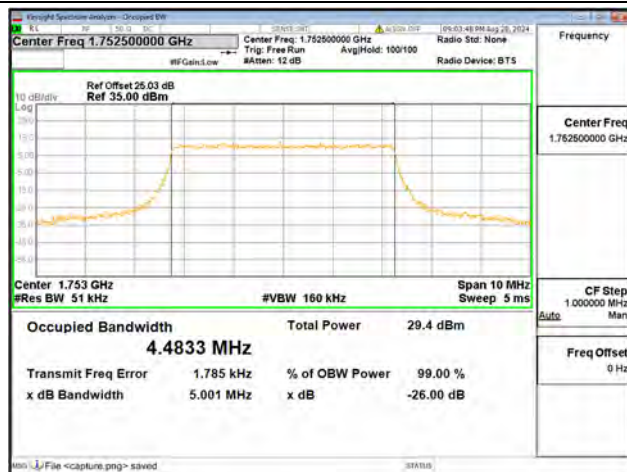
B4 / 5MHz / 16QAM/ Mid CH



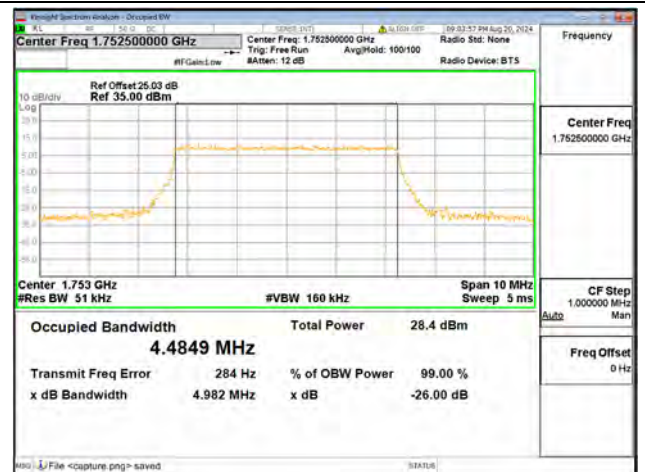
B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / 256QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 5MHz / 256QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



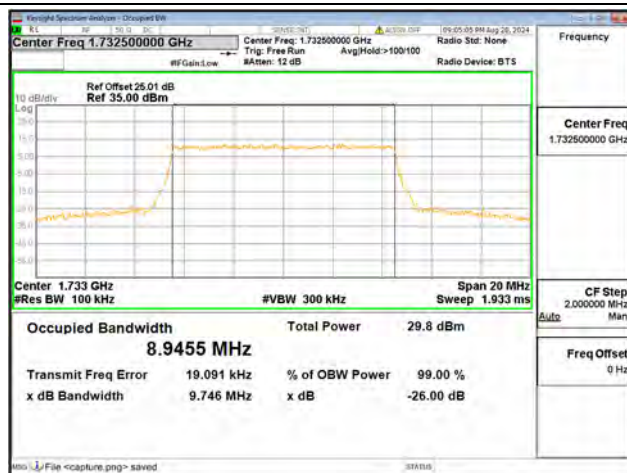
B4 / 10MHz / 16QAM/ Low CH



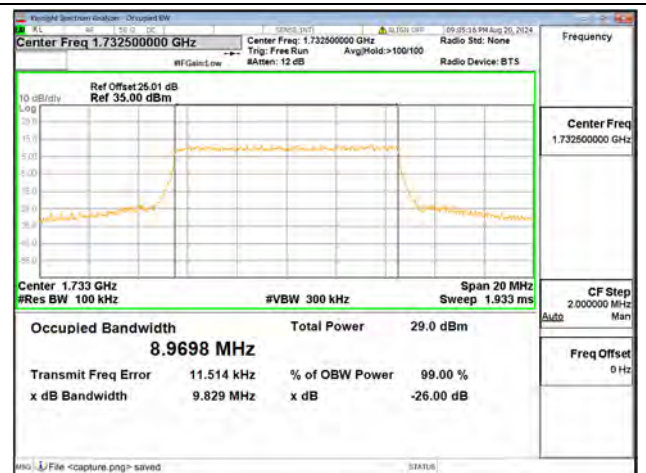
B4 / 10MHz / 64QAM/ Low CH



B4 / 10MHz / 256QAM/ Low CH



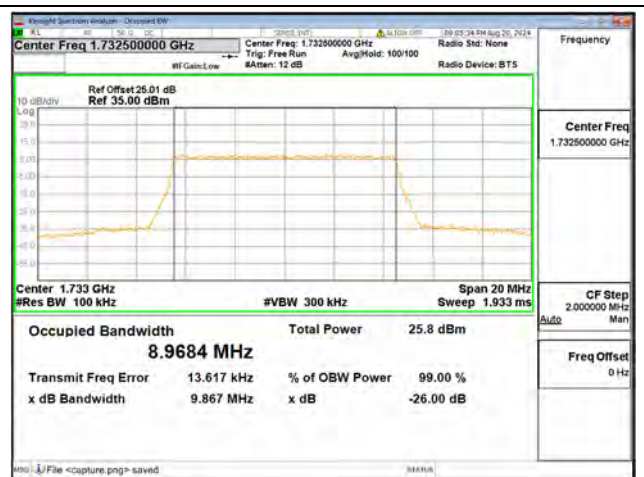
B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / 256QAM/ Mid CH



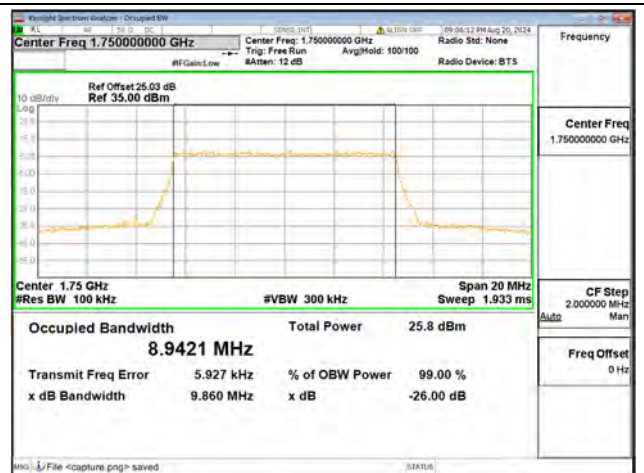
B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



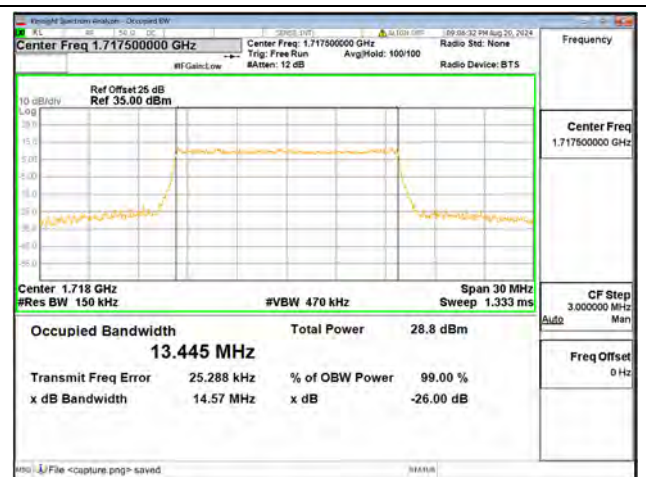
B4 / 10MHz / 64QAM/ High CH



B4 / 10MHz / 256QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



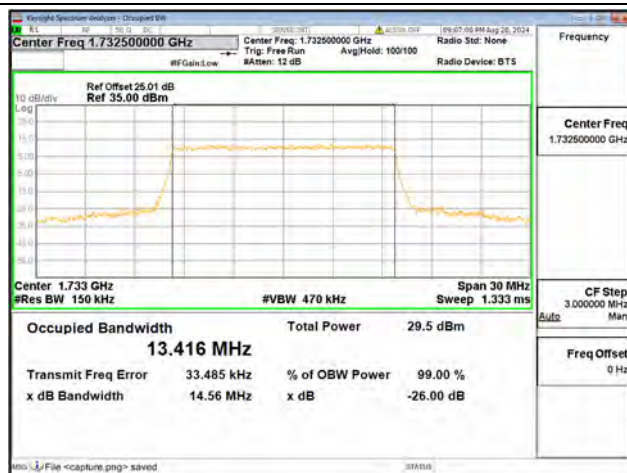
B4 / 15MHz / 16QAM/ Low CH



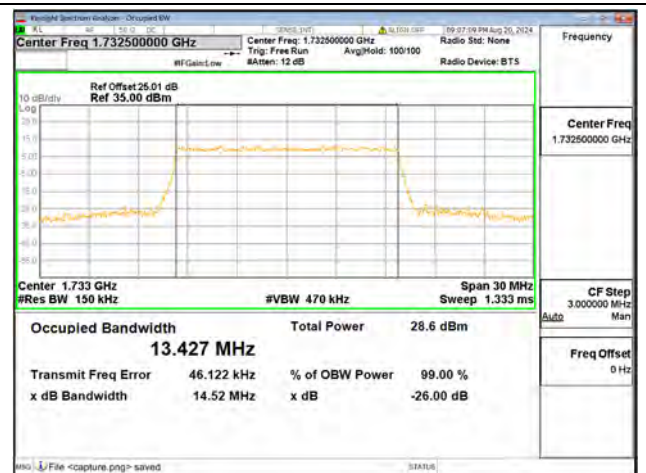
B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / 256QAM/ Low CH



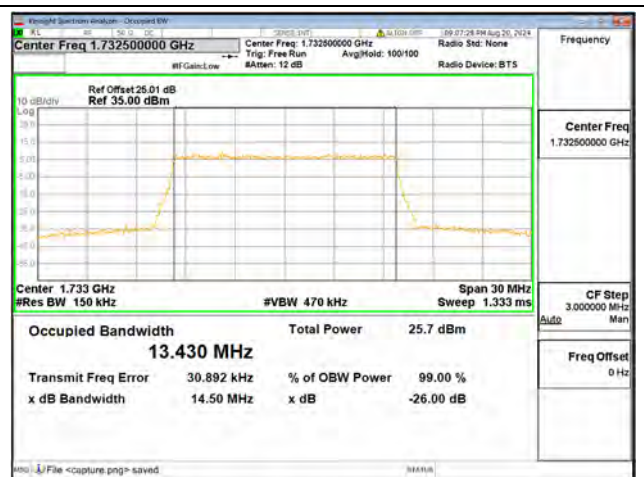
B4 / 15MHz / QPSK/ Mid CH



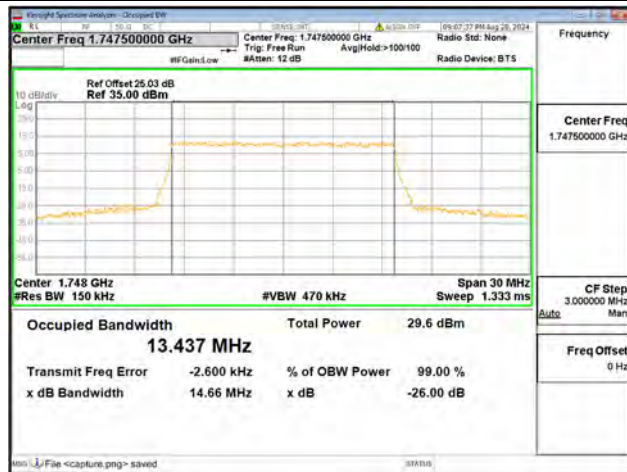
B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / 256QAM/ Mid CH



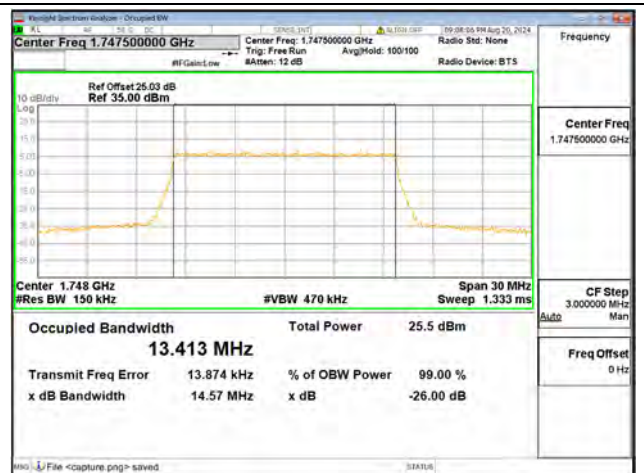
B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 15MHz / 256QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



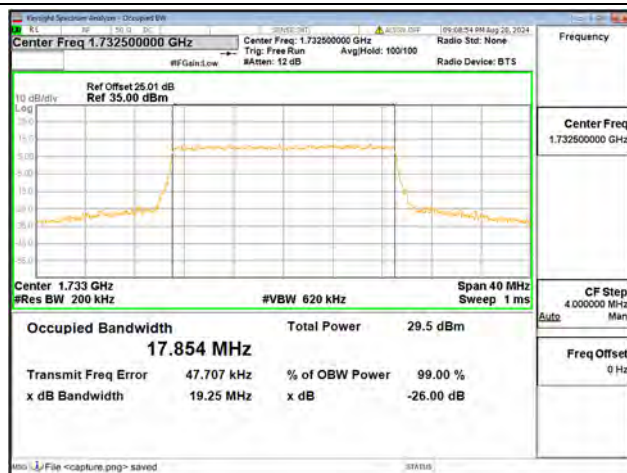
B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / 256QAM/ Low CH



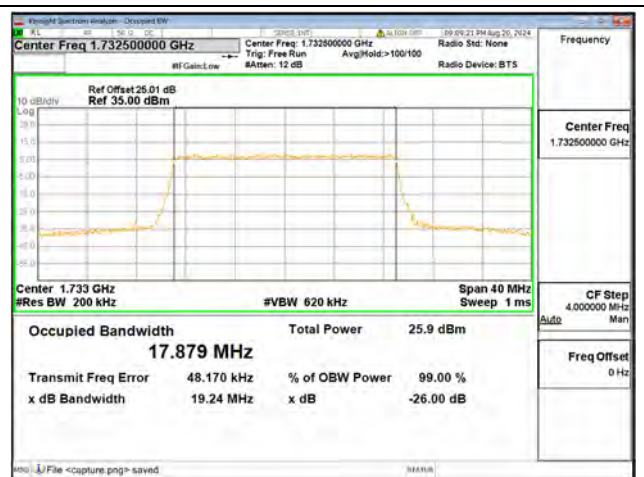
B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



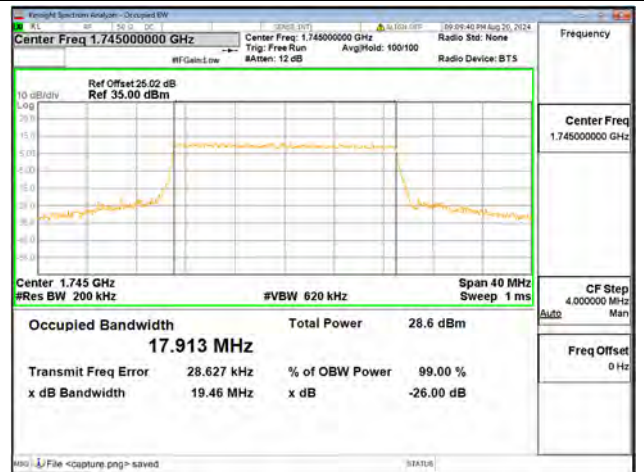
B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / 256QAM/ Mid CH



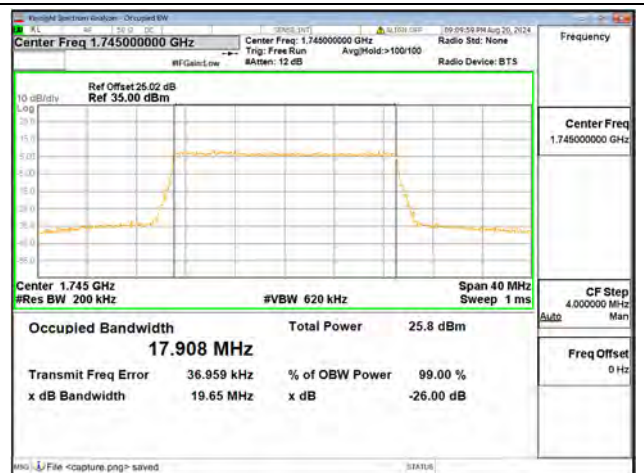
B4 / 20MHz / QPSK/ High CH



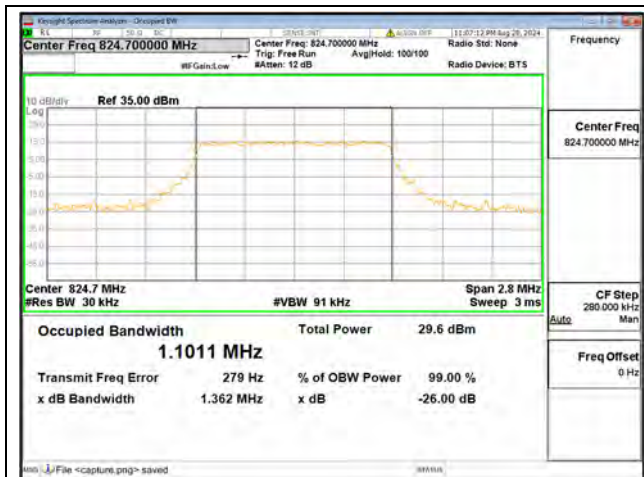
B4 / 20MHz / 16QAM/ High CH



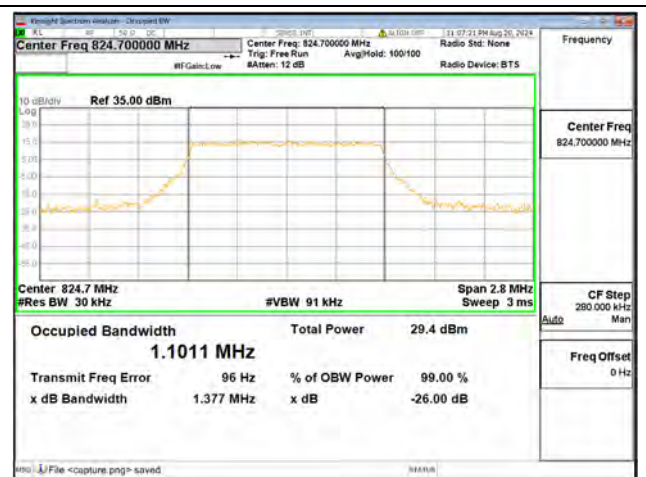
B4 / 20MHz / 64QAM/ High CH



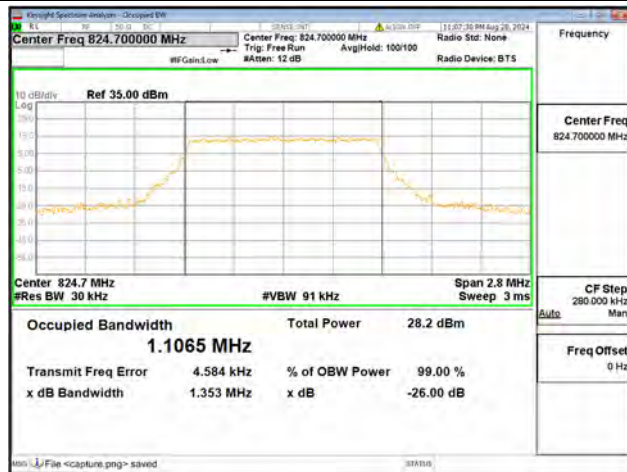
B4 / 20MHz / 256QAM/ High CH



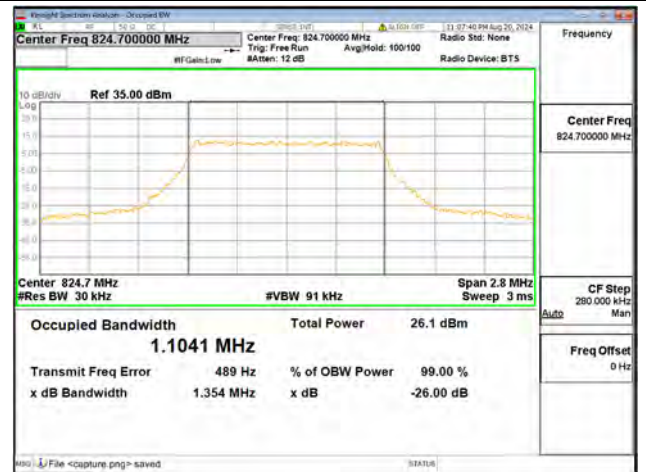
B5 / 1.4MHz / QPSK/ Low CH



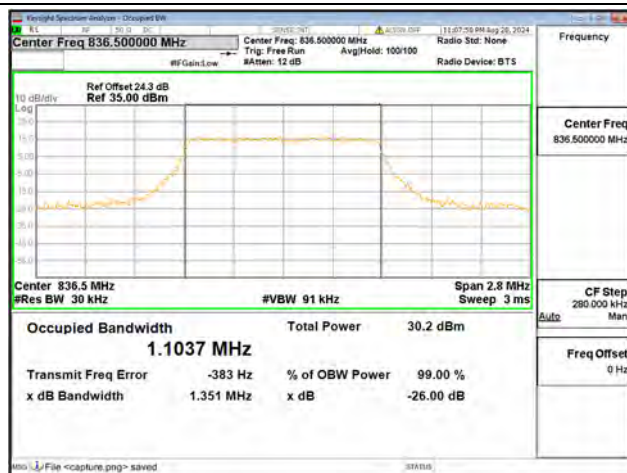
B5 / 1.4MHz / 16QAM/ Low CH



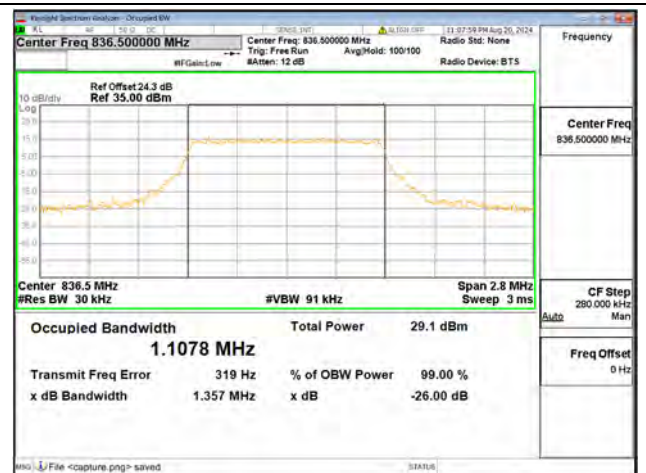
B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / 256QAM/ Low CH



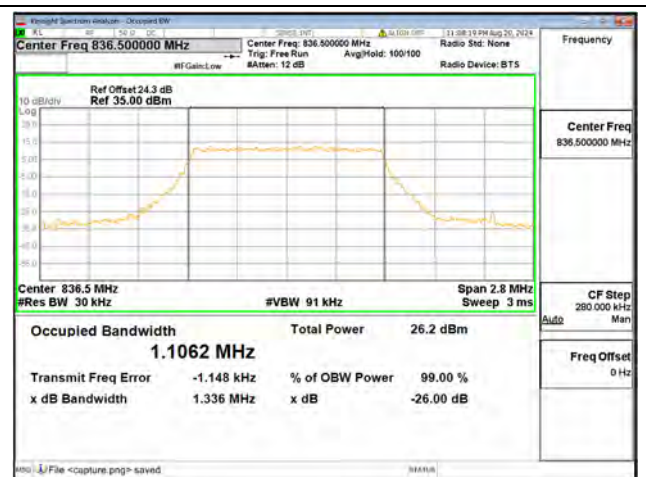
B5 / 1.4MHz / QPSK/ Mid CH



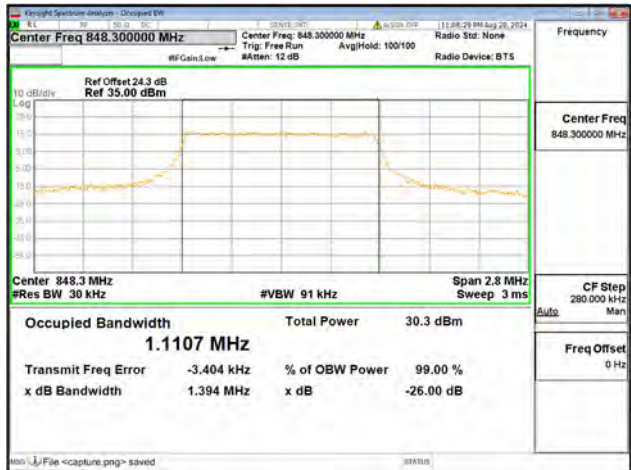
B5 / 1.4MHz / 16QAM/ Mid CH



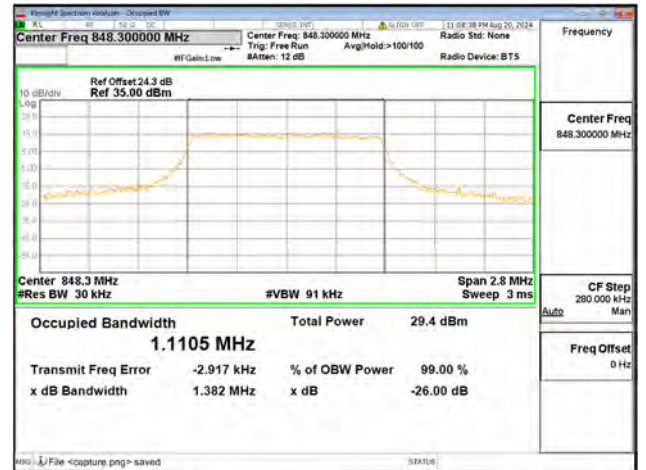
B5 / 1.4MHz / 64QAM/ Mid CH



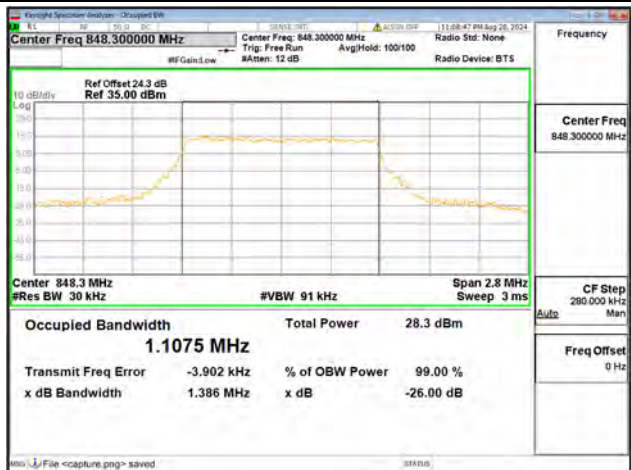
B5 / 1.4MHz / 256QAM/ Mid CH



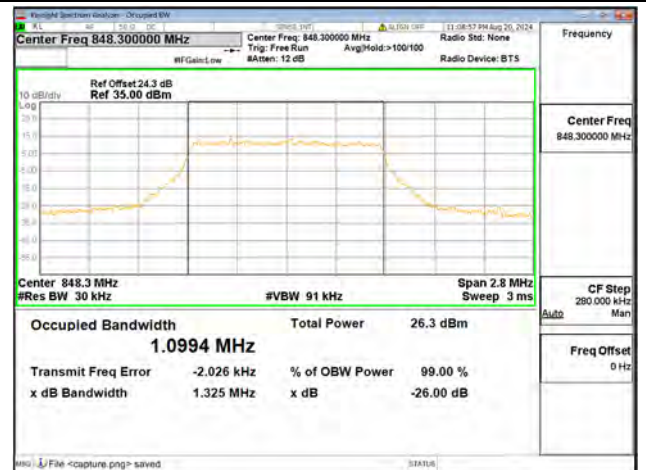
B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



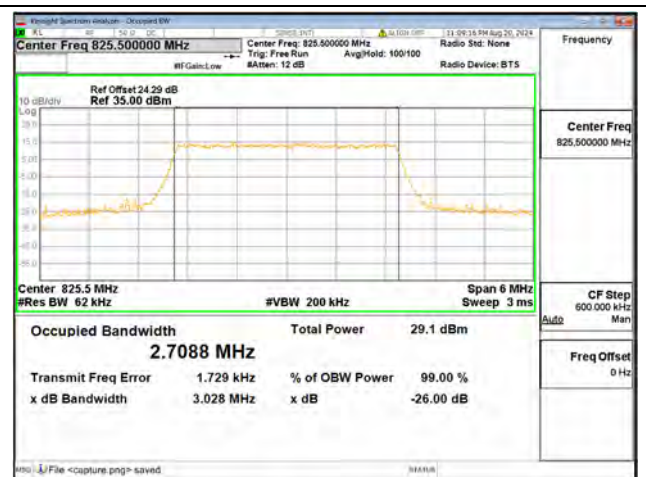
B5 / 1.4MHz / 64QAM/ High CH



B5 / 1.4MHz / 256QAM/ High CH



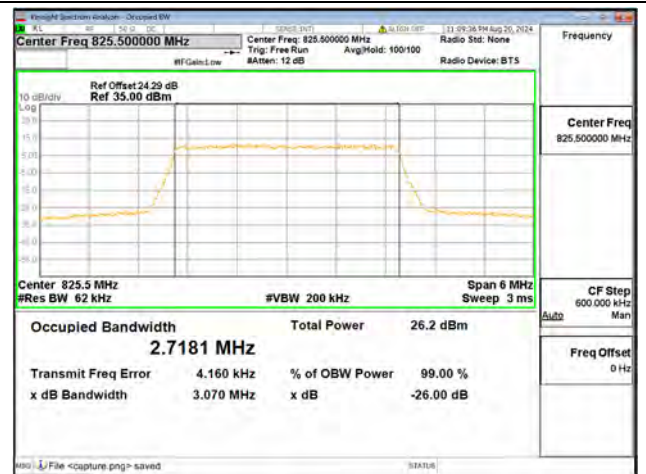
B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



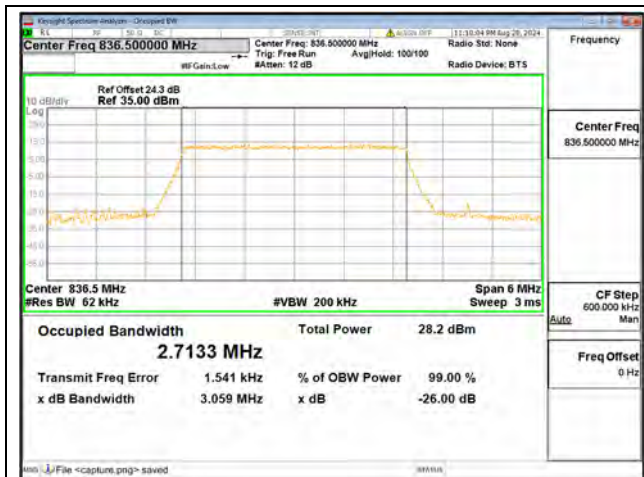
B5 / 3MHz / 256QAM/ Low CH



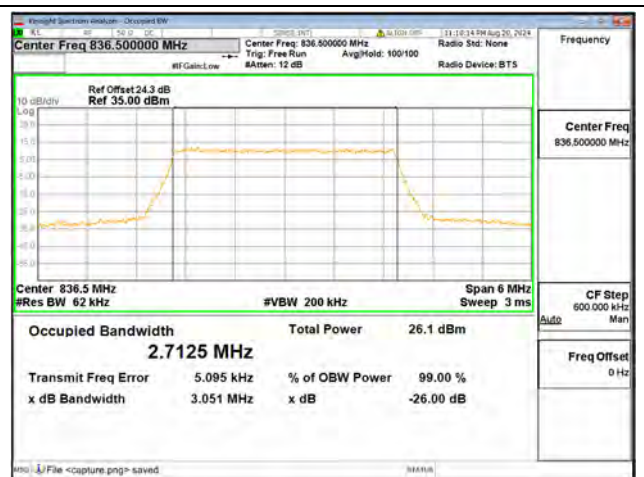
B5 / 3MHz / QPSK/ Mid CH



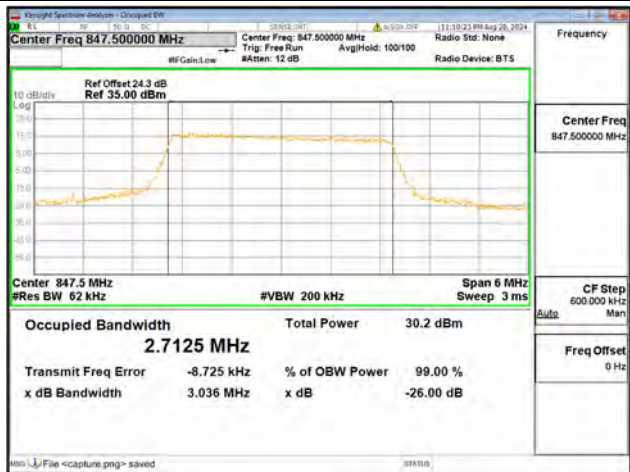
B5 / 3MHz / 16QAM/ Mid CH



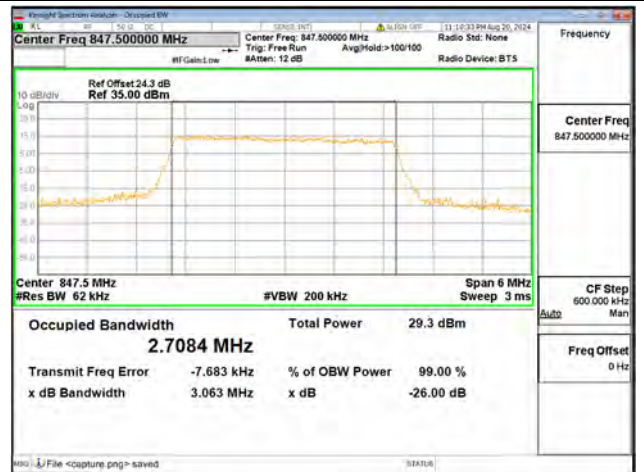
B5 / 3MHz / 64QAM/ Mid CH



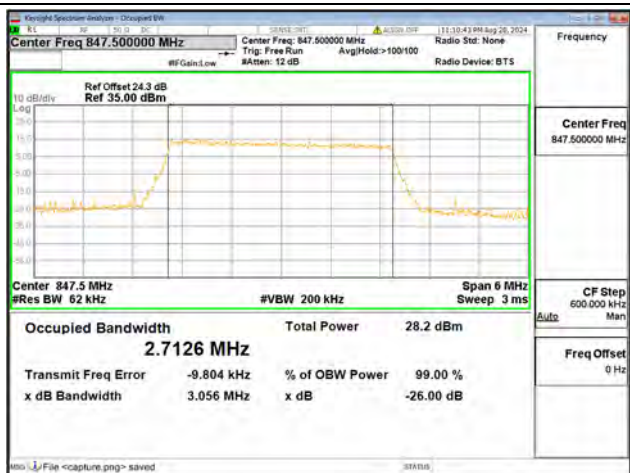
B5 / 3MHz / 256QAM/ Mid CH



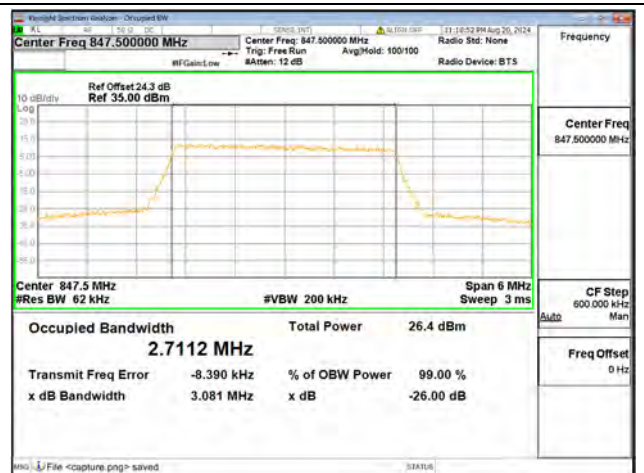
B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



B5 / 3MHz / 256QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / 256QAM/ Low CH



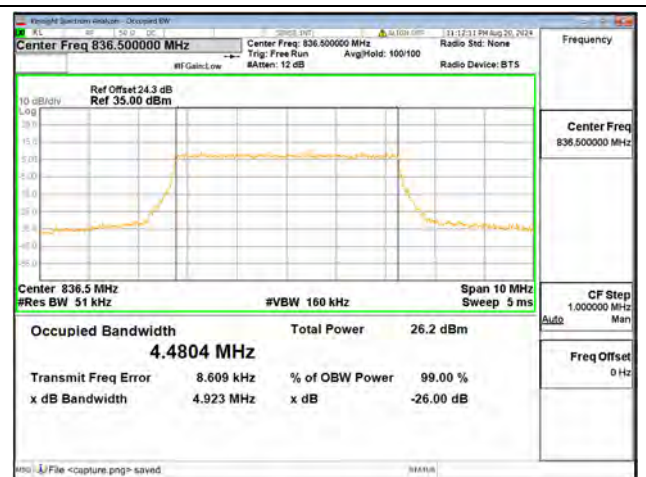
B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



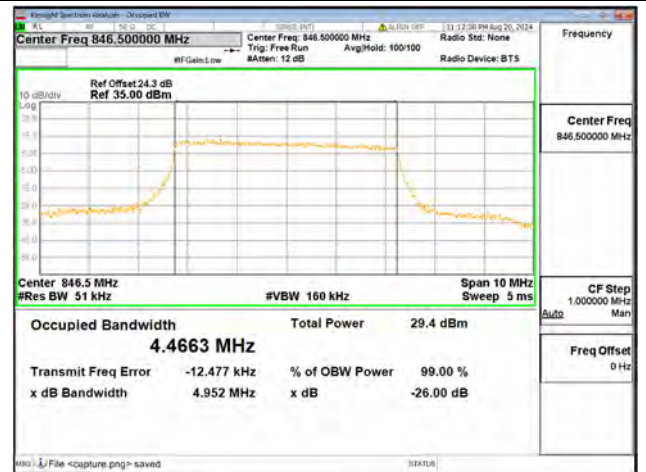
B5 / 5MHz / 64QAM/ Mid CH



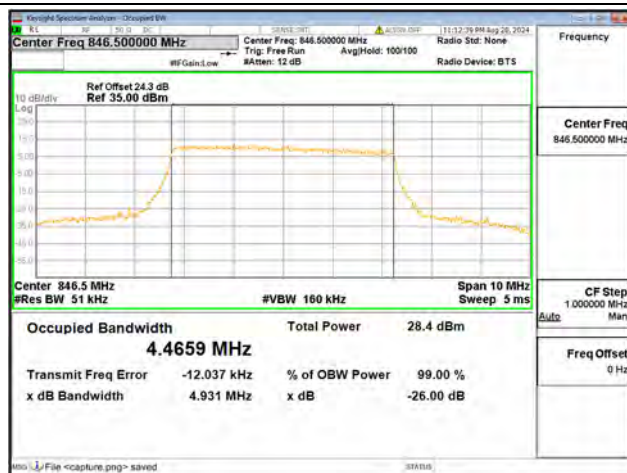
B5 / 5MHz / 256QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



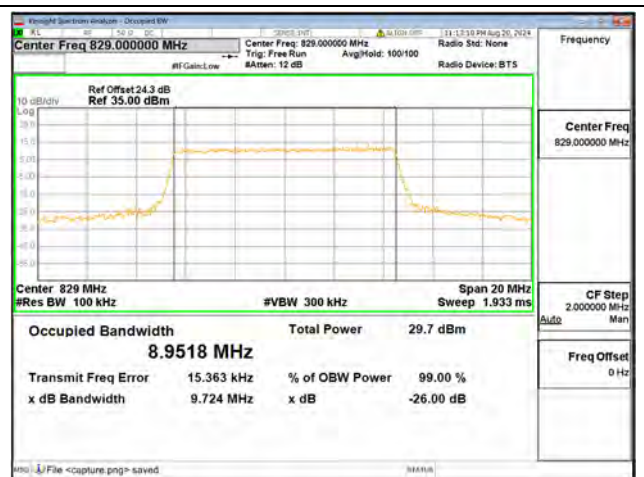
B5 / 5MHz / 64QAM/ High CH



B5 / 5MHz / 256QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



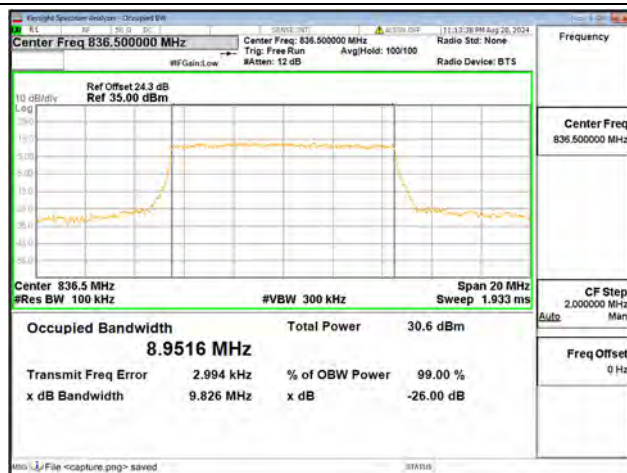
B5 / 10MHz / 16QAM/ Low CH



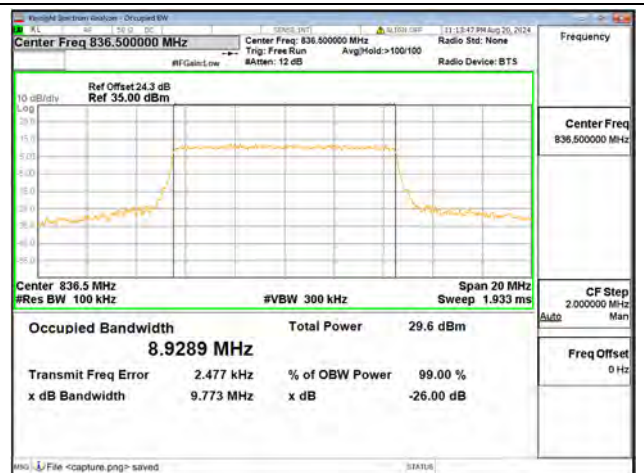
B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / 256QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / 256QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



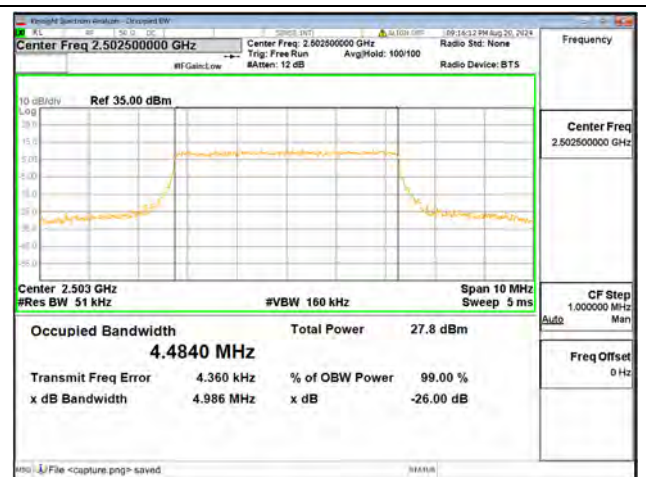
B5 / 10MHz / 64QAM/ High CH



B5 / 10MHz / 256QAM/ High CH



B7 / 5MHz / QPSK/ Low CH



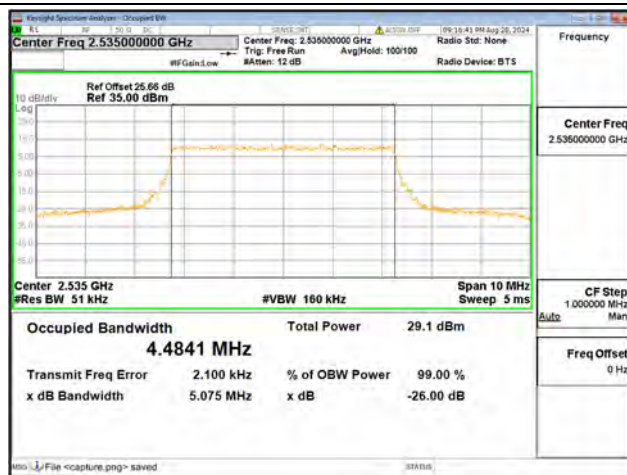
B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / 256QAM/ Low CH



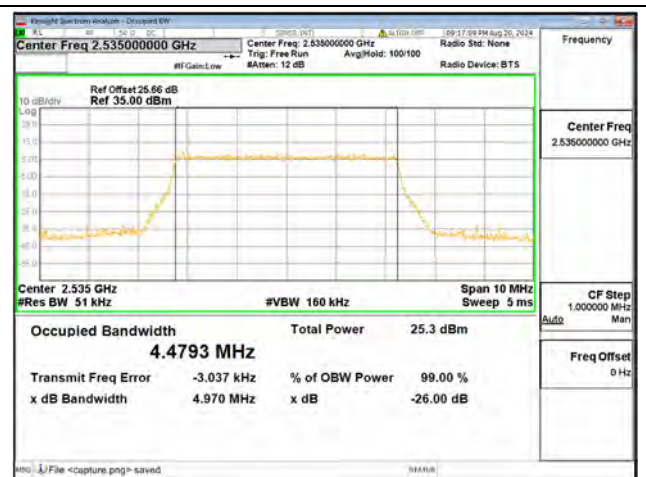
B7 / 5MHz / QPSK/ Mid CH



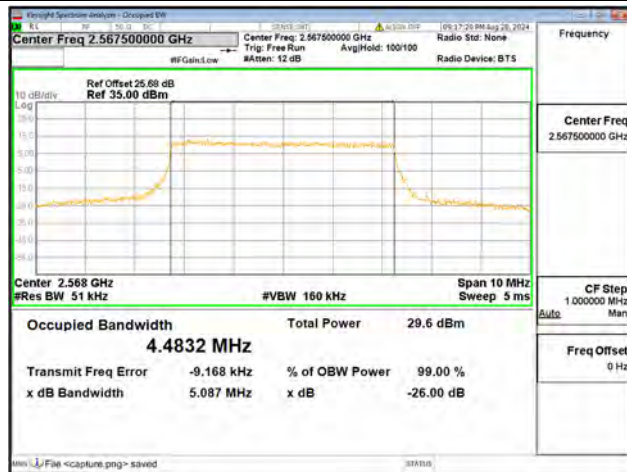
B7 / 5MHz / 16QAM/ Mid CH



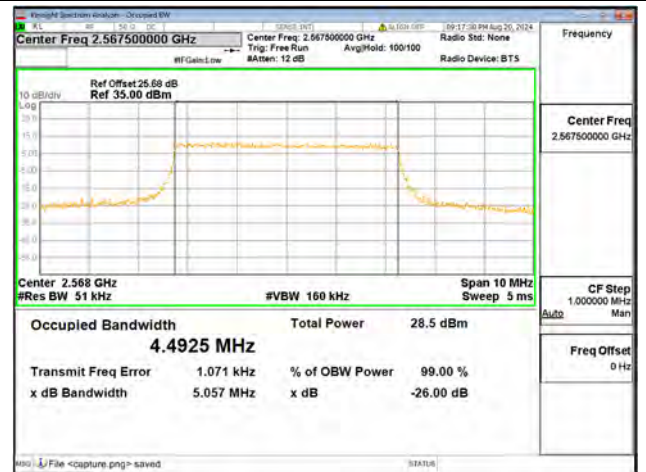
B7 / 5MHz / 64QAM/ Mid CH



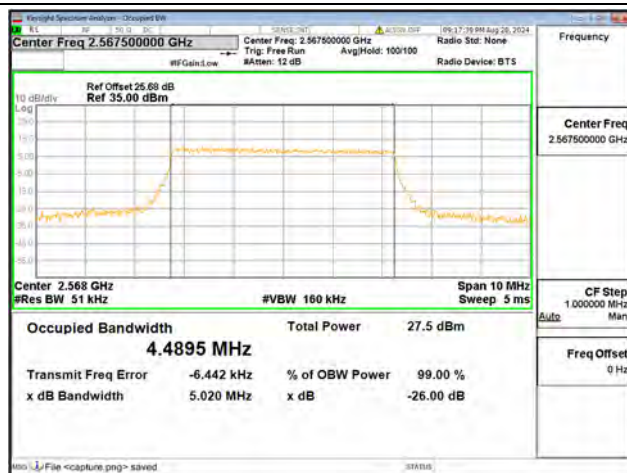
B7 / 5MHz / 256QAM/ Mid CH



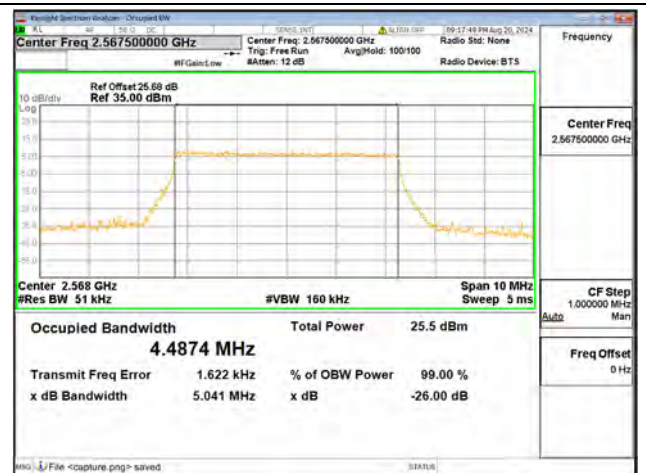
B7 / 5MHz / QPSK/ High CH



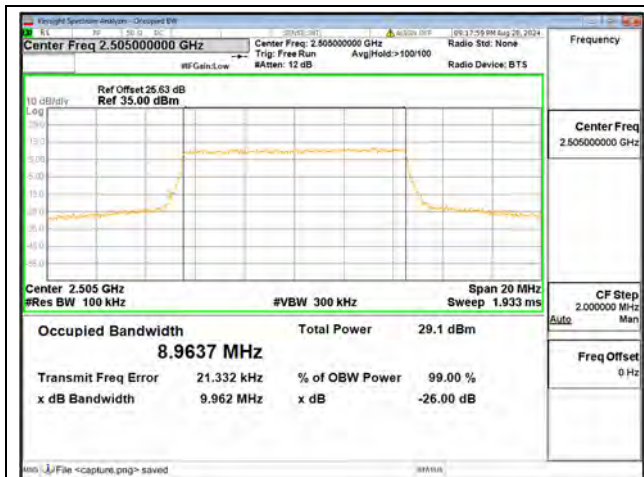
B7 / 5MHz / 16QAM/ High CH



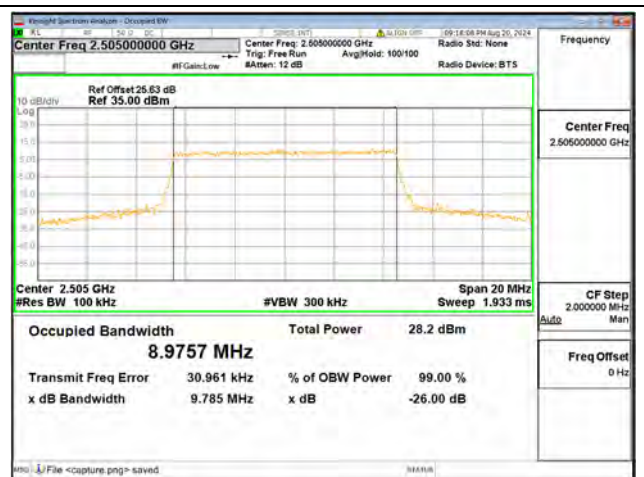
B7 / 5MHz / 64QAM/ High CH



B7 / 5MHz / 256QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



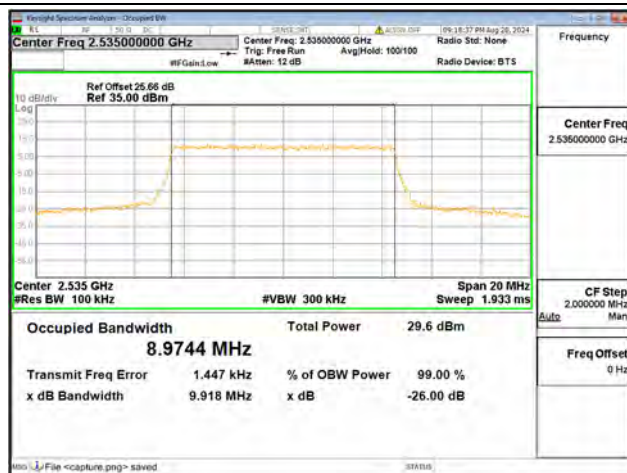
B7 / 10MHz / 16QAM/ Low CH



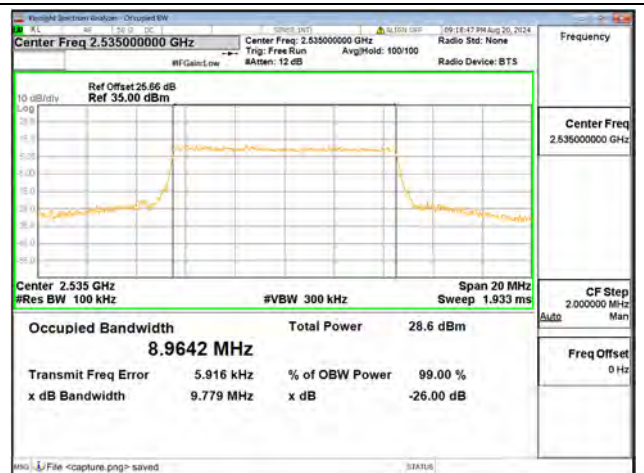
B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / 256QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



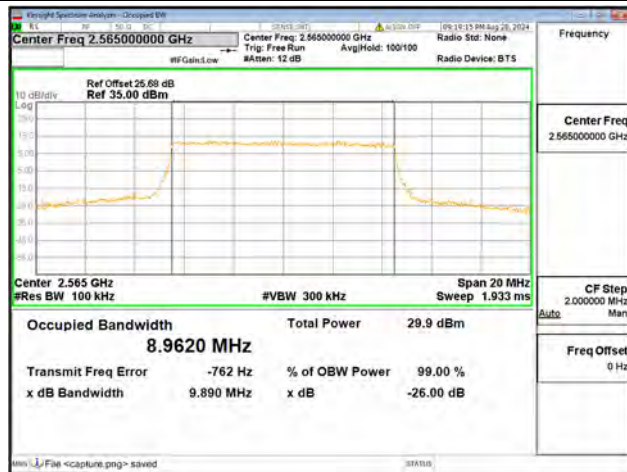
B7 / 10MHz / 16QAM/ Mid CH



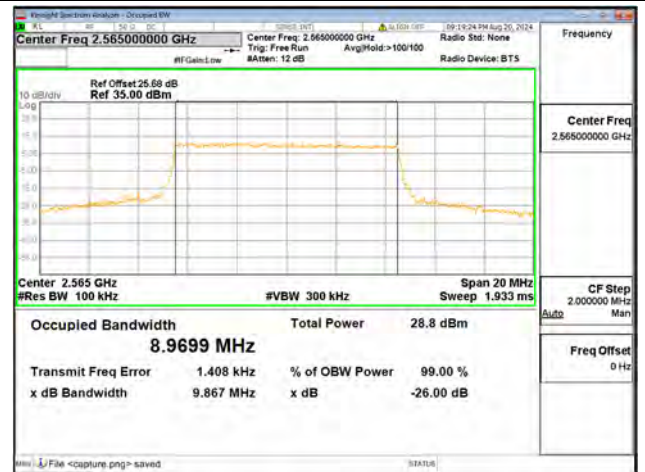
B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / 256QAM/ Mid CH



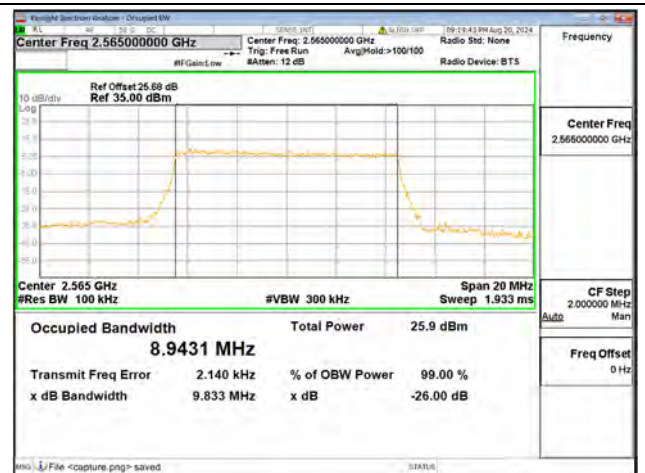
B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



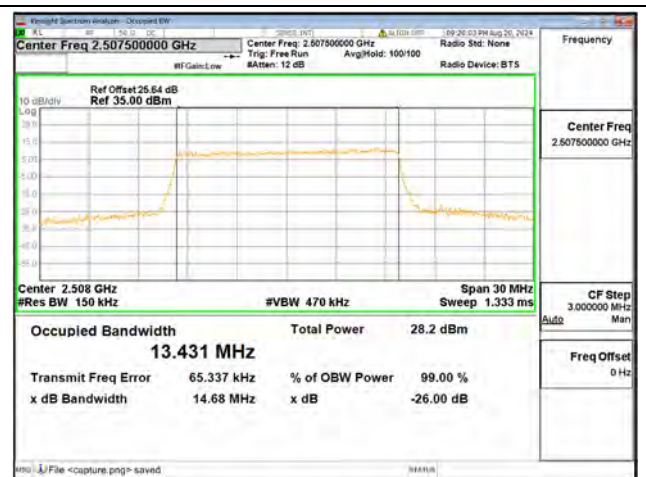
B7 / 10MHz / 64QAM/ High CH



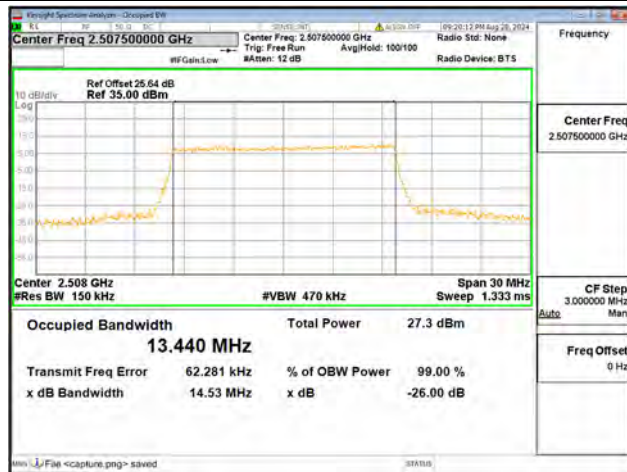
B7 / 10MHz / 256QAM/ High CH



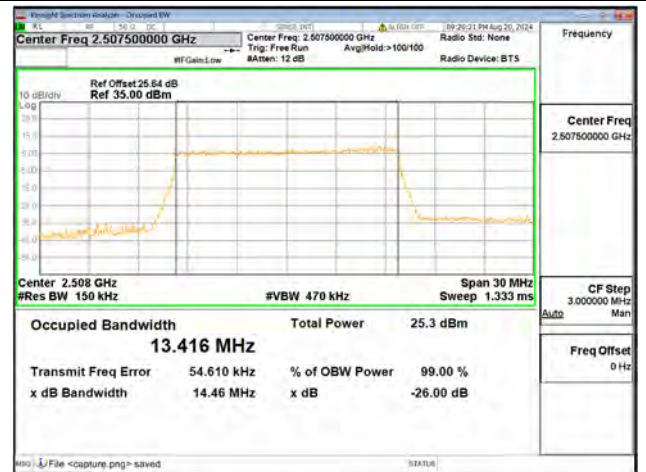
B7 / 15MHz / QPSK/ Low CH



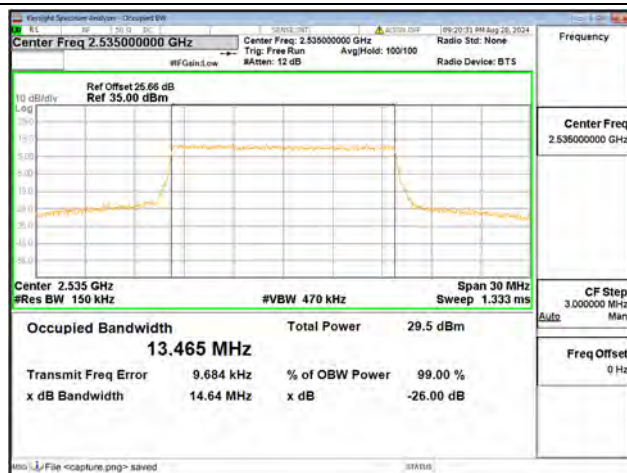
B7 / 15MHz / 16QAM/ Low CH



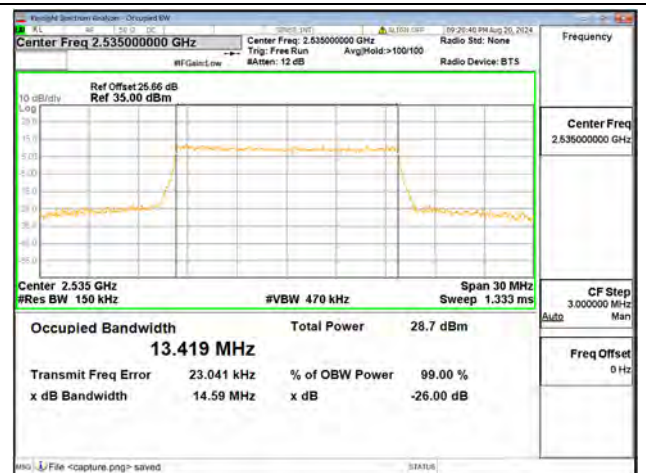
B7 / 15MHz / 64QAM/ Low CH



B7 / 15MHz / 256QAM/ Low CH



B7 / 15MHz / QPSK/ Mid CH



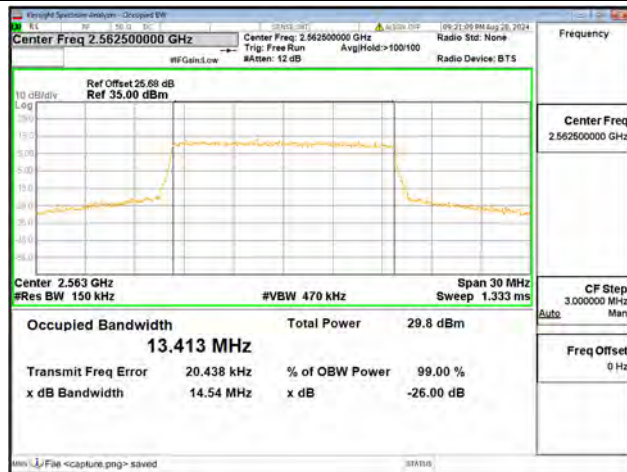
B7 / 15MHz / 16QAM/ Mid CH



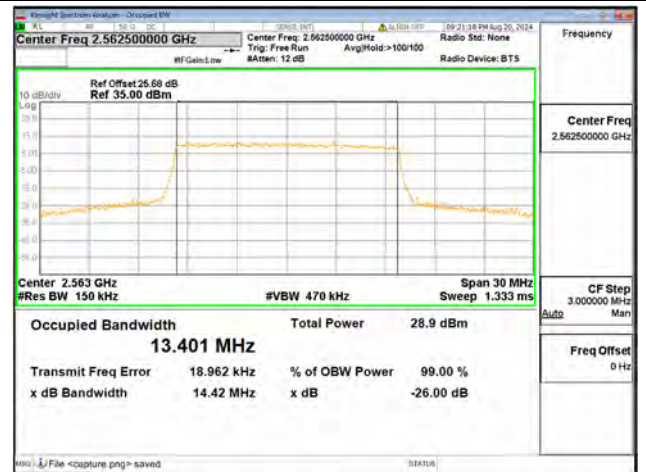
B7 / 15MHz / 64QAM/ Mid CH



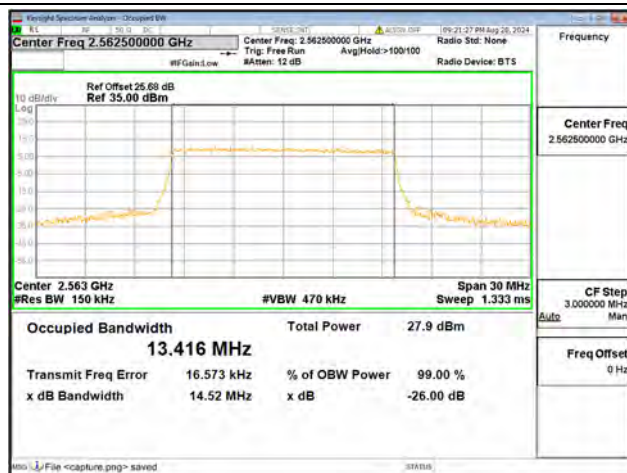
B7 / 15MHz / 256QAM/ Mid CH



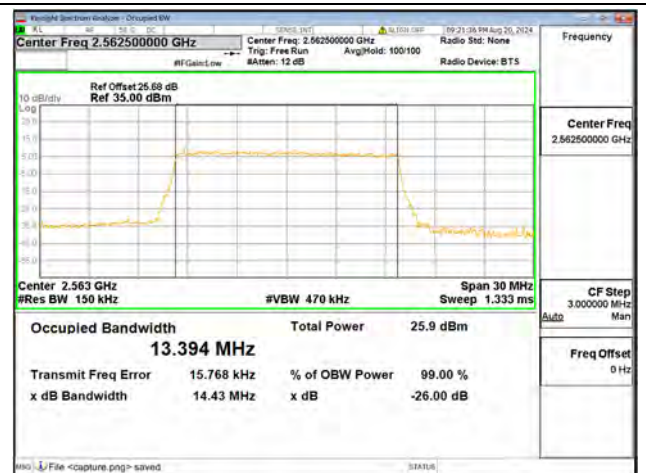
B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



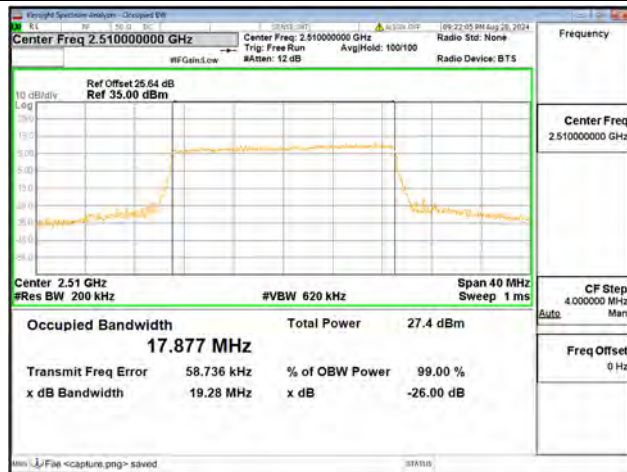
B7 / 15MHz / 256QAM/ High CH



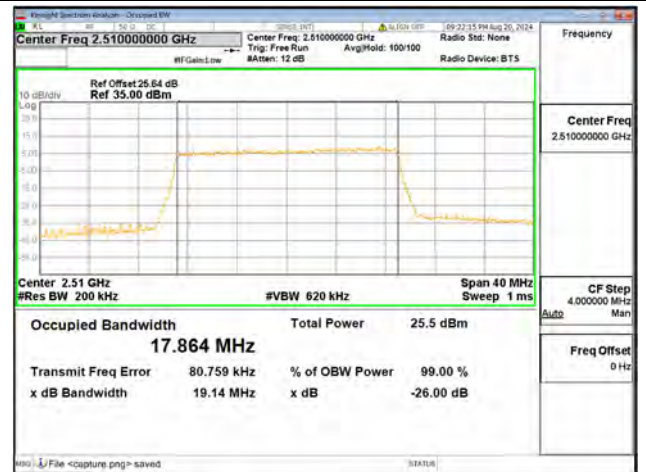
B7 / 20MHz / QPSK/ Low CH



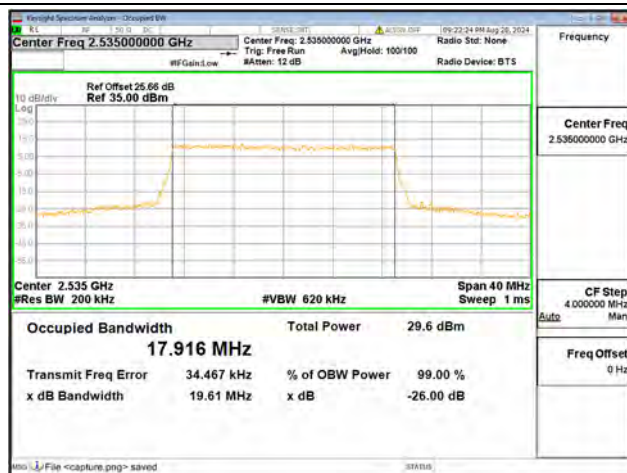
B7 / 20MHz / 16QAM/ Low CH



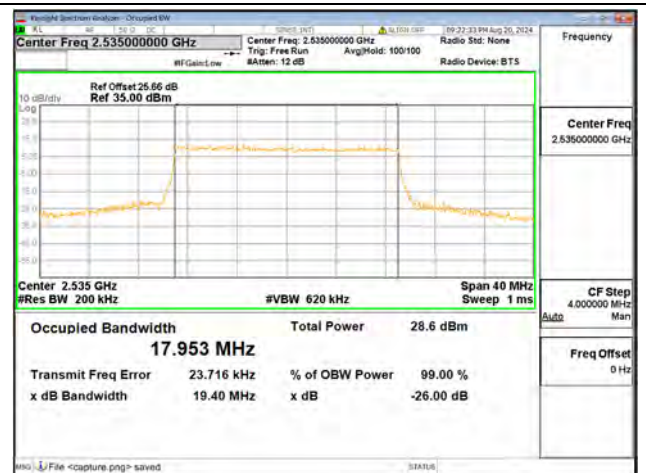
B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / 256QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



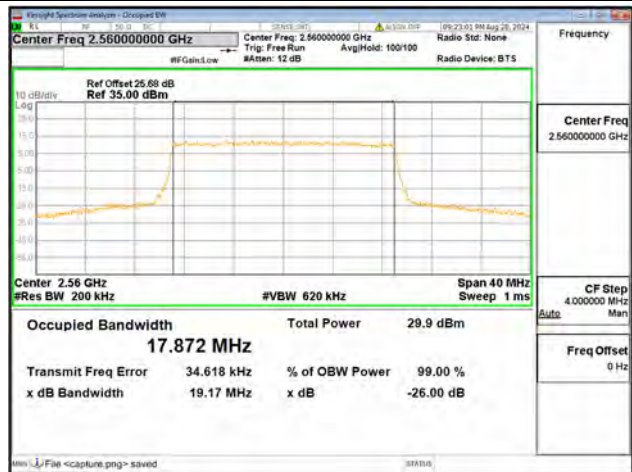
B7 / 20MHz / 16QAM/ Mid CH



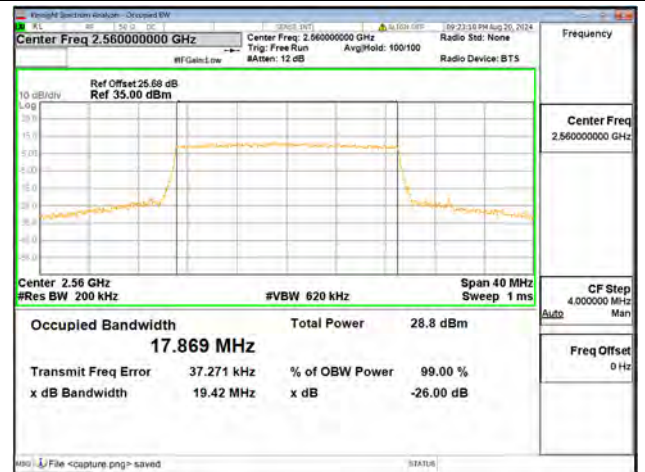
B7 / 20MHz / 64QAM/ Mid CH



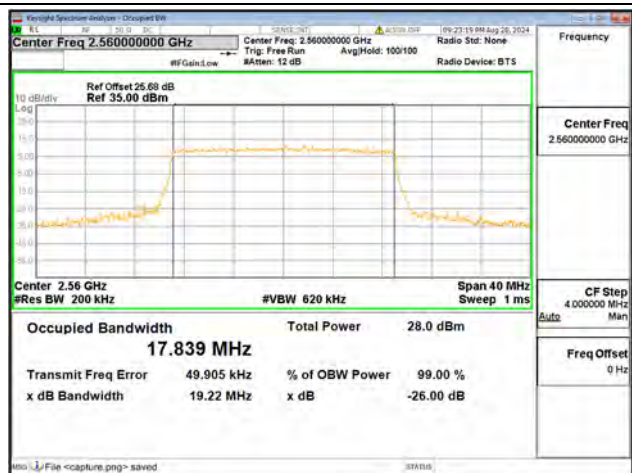
B7 / 20MHz / 256QAM/ Mid CH



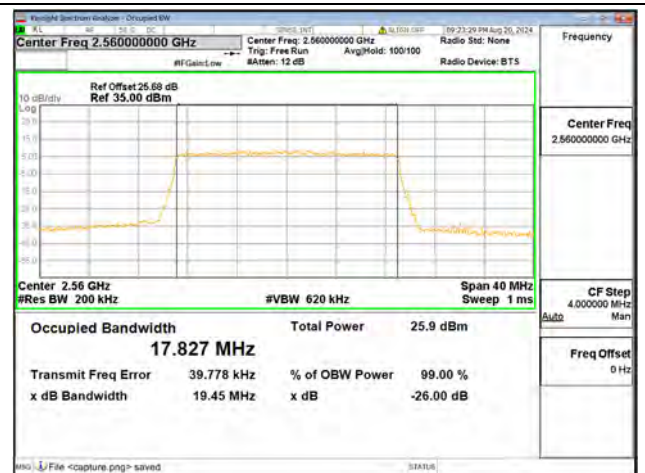
B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH



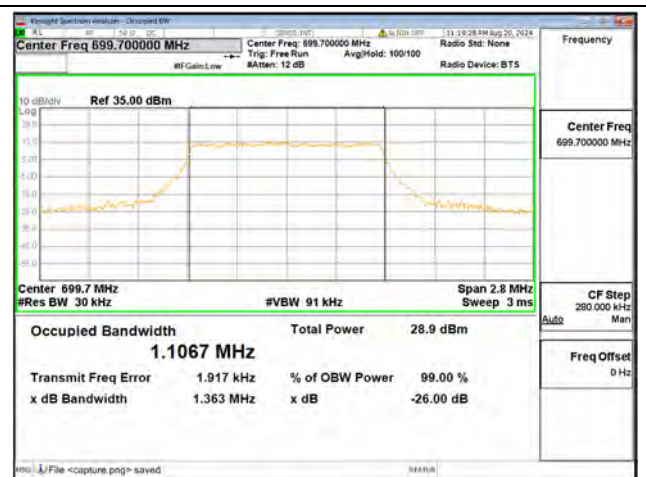
B7 / 20MHz / 64QAM/ High CH



B7 / 20MHz / 256QAM/ High CH



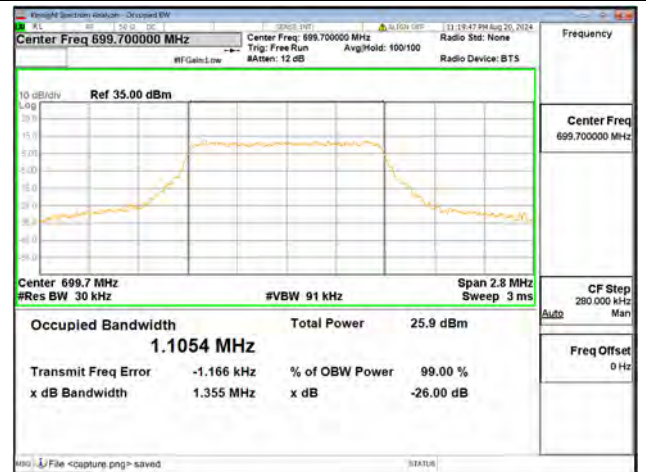
B12 / 1.4MHz / QPSK / Low CH



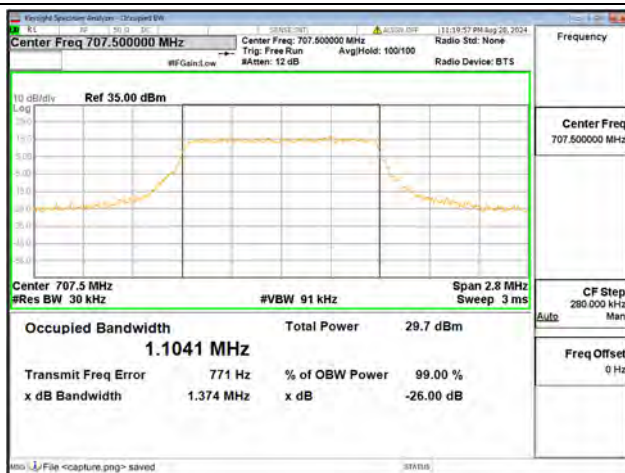
B12 / 1.4MHz / 16QAM / Low CH



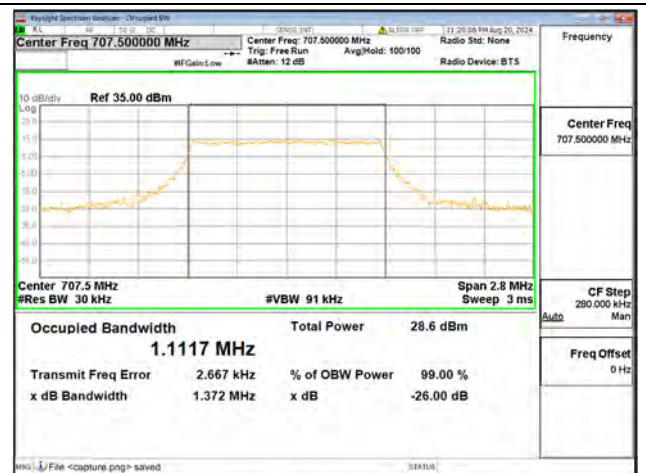
B12 / 1.4MHz / 64QAM / Low CH



B12 / 1.4MHz / 256QAM / Low CH



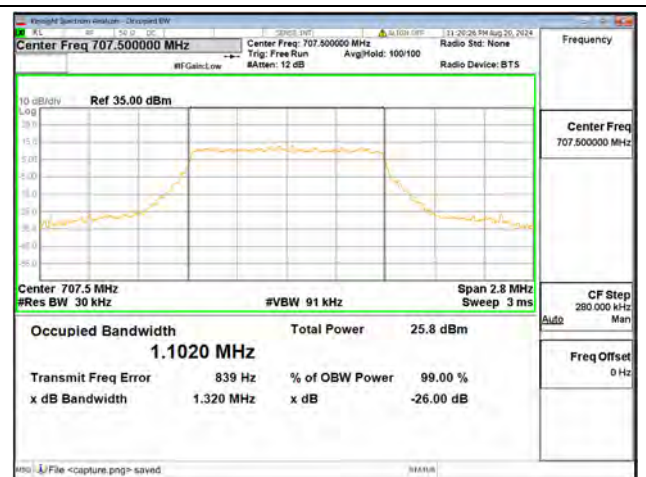
B12 / 1.4MHz / QPSK / Mid CH



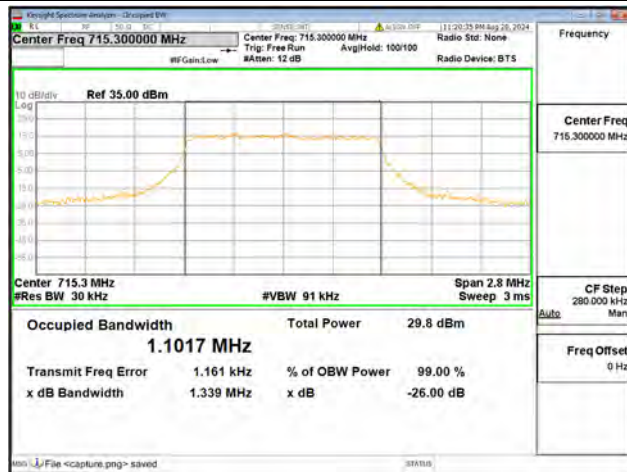
B12 / 1.4MHz / 16QAM / Mid CH



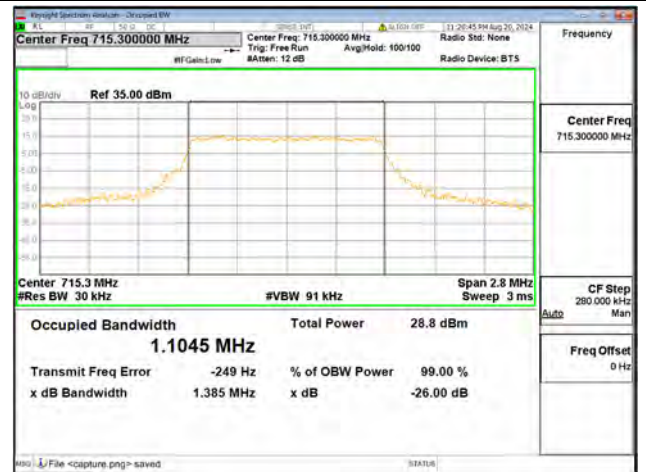
B12 / 1.4MHz / 64QAM/ Mid CH



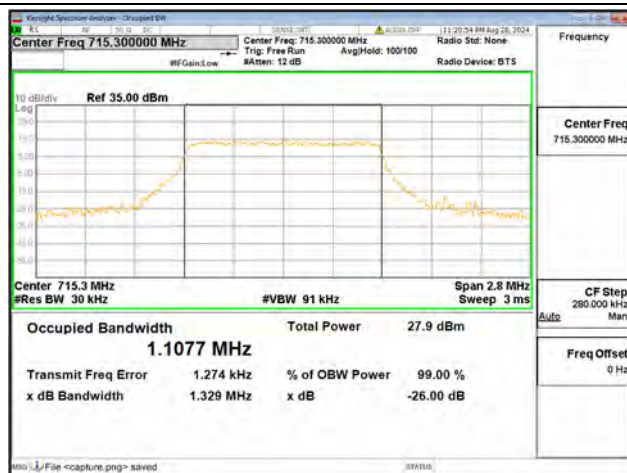
B12 / 1.4MHz / 256QAM/ Mid CH



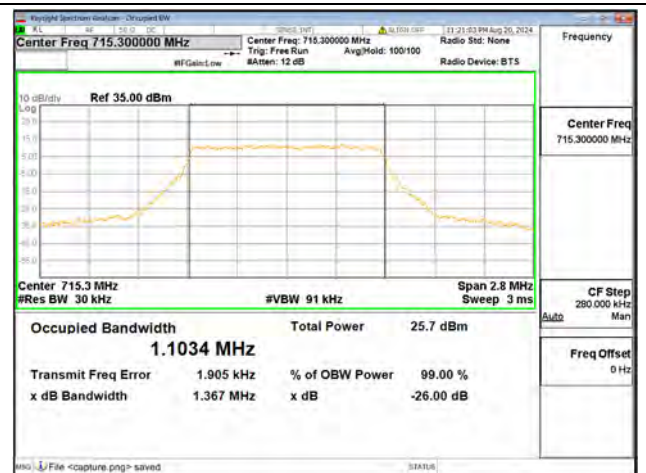
B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



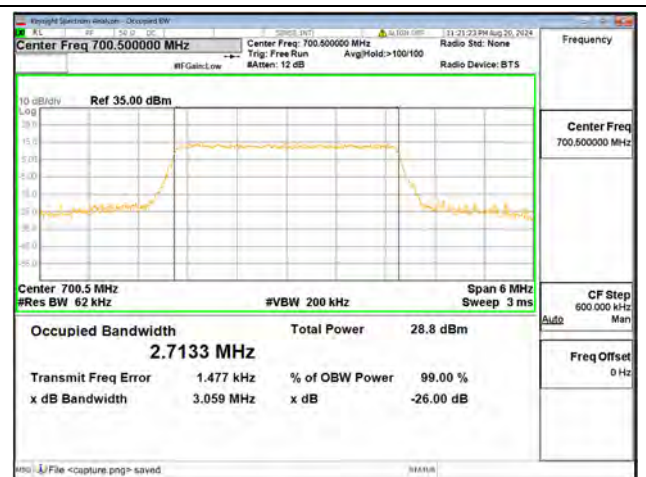
B12 / 1.4MHz / 64QAM/ High CH



B12 / 1.4MHz / 256QAM/ High CH



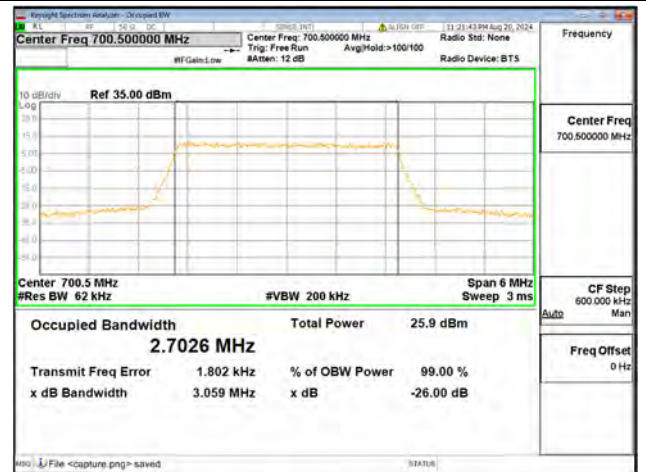
B12 / 3MHz / QPSK/ Low CH



B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / 256QAM/ Low CH



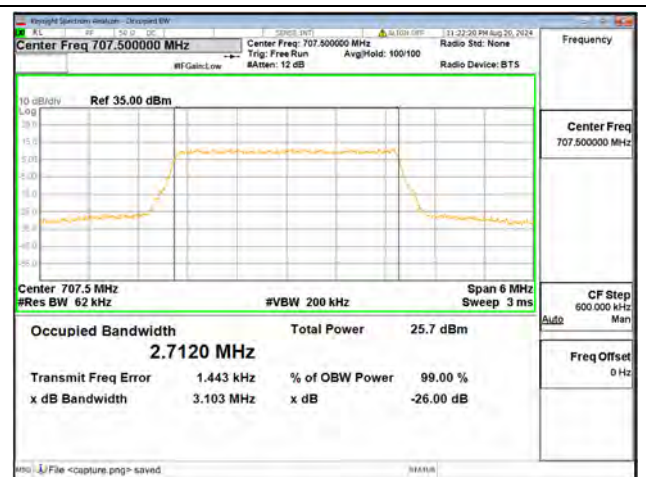
B12 / 3MHz / QPSK/ Mid CH



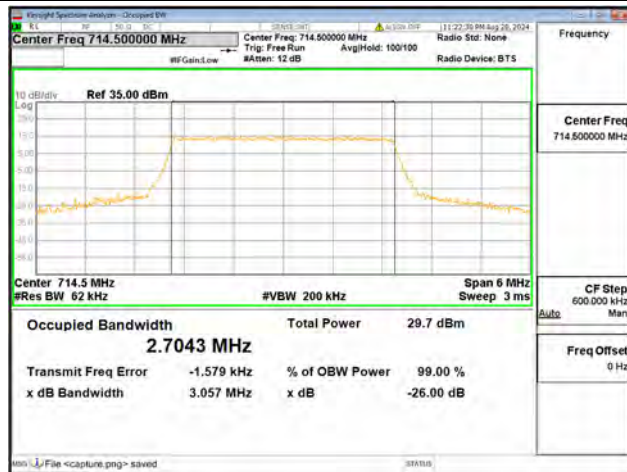
B12 / 3MHz / 16QAM/ Mid CH



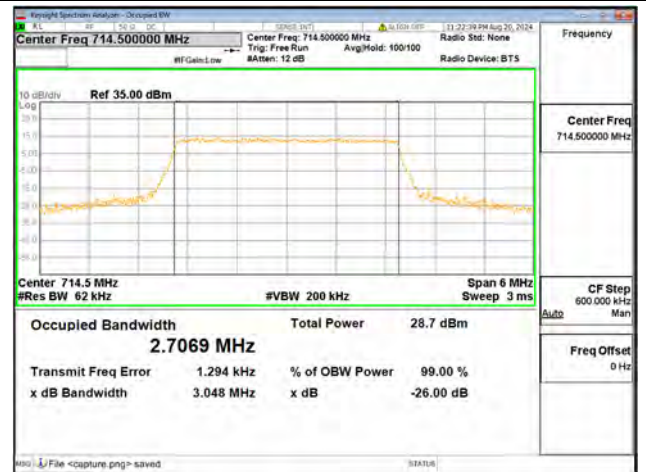
B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / 256QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



B12 / 3MHz / 256QAM/ High CH