

FCC CFR47 PART 22H, 24E, 27 CERTIFICATION TEST REPORT

FCC ID: 2ASMA-S611

Product: Wireless Digital Terminal

Trade Mark: **Neusoft**

Model Number: S611

Family Model: N/A

Report No.: S18122500501006

Prepared for

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TEST RESULT CERTIFICATION

Applicant's name : Neusoft Corporation
Address: No.2 Xinxiu Street, Hunnan New District, Shenyang City, Liaoning Province, China
Manufacturer's Name: Neusoft Corporation
Address: No.2 Xinxiu Street, Hunnan New District, Shenyang City, Liaoning Province, China
Product name: Wireless Digital Terminal
Model and/or type reference: S611
Family Model: N/A
Standards: FCC CFR 47 Part 22H, Part 24E, Part 27
Test procedure: ANSI C63.26:2015
ANSI/TIA-603-E-2016

This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test
Date (s) of performance of tests: 26 Dec. 2018 ~ 14 May. 2019
Date of Issue: 14 May. 2019
Test Result: Pass

Testing Engineer : Loren Luo
(Loren Luo)
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(Jason Chen)
Authorized Signatory : Sam Chen
(Sam Chen)

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1. GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

A major technical description of EUT is described as following:

Product Designation:	Wireless Digital Terminal
Trade Mark	Neusoft
Model Name	S611
FCC ID:	2ASMA-S611
Frequency Bands:	U.S. Bands: <input checked="" type="checkbox"/> LTE FDD Band 2,4,5,7,12,13, 14,25, 26 LTE TDD Band 41
Frequency Range:	LTE FDD Band 2 Uplink: 1850MHz-1910MHz, Downlink: 1930MHz-1990MHz; LTE FDD Band 4 Uplink: 1710MHz-1755MHz, Downlink: 2110MHz-2155MHz; LTE FDD Band 5 Uplink: 824MHz-849MHz, Downlink: 869MHz-894MHz; LTE FDD Band 7 Uplink: 2500MHz-2570MHz, Downlink: 2620MHz-2690MHz; LTE FDD Band 12 Uplink: 699MHz-716MHz, Downlink: 729MHz-746MHz; LTE FDD Band 13 Uplink: 777MHz-787MHz, Downlink: 746MHz-756MHz; LTE FDD Band 14 Uplink: 788MHz-798MHz, Downlink: 758MHz-768MHz; LTE FDD Band 25 Uplink: 1850MHz-1915MHz, Downlink: 1930MHz-1995MHz; LTE FDD Band 26 Uplink: 814MHz-849MHz, (see note 2) Downlink: 859MHz-894MHz; LTE TDD Band 41 Uplink: 2535MHz-2655MHz Downlink: 2535MHz-2655MHz (Number Of Channel see note 3)
Type of Modulation:	QPSK/16QAM
Antenna:	FPCB Antenna
Antenna gain:	-0.68dBi
Power Supply:	DC 3.85V/4200mAh from Battery or DC 5V from Type-C Port.
Adapter:	Model: ICP12-050-2000B Input: 100-240V~50/60Hz 0.5A Output: 5V $\overline{\text{---}}$ 2000mA
Extreme Vol. Limits:	DC 3.27V to DC 4.43V (Nominal DC 3.85V) <small>Note 1</small>
HW Version	PD510_MB_V1.3

SW Version	Ubione-user_#17
** Note1: The High Voltage DC 4.43V and Low Voltage 3.27V was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage.	

Note 2:

FCC rule Part 22.905 of LTE Band 26 (824-849MHz) is covered by LTE Band 5 of same rule since they have the same output power and supported bandwidths.

Note 3:

Test Frequency ID	Bandwidth(MHz)	EARFCN	Frequency (UL and DL) (MHz)
Low Range	5	40040	2535.0
	10	40065	2537.5
	15	40090	2540.0
	20	40115	2542.5
Mid Range	5/10/15/20	40620	2593.0
High Range	5	41240	2655.0
	10	41215	2652.5
	15	41190	2650.0
	20	41165	2647.5

1.2 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for **FCC ID: 2ASMA-S611** filing to comply with the FCC Part 22H&24E &27.

1.3 TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI/TIA-603-E-2016, FCC CFR 47 Part 2, Part 22, Part 24, Part 27, ANSI C63.26:2015.

1.4 TEST FACILITY

The test site used to collect the radiated data is located at:

ShenZhen NTEK Testing Technology Co., Ltd.

1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R.China.

The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.26:2015& ANSI C63.4: 2014.

FCC Registration No.:463705

IC Registration No.:9270A-1,

CNAS Registration No.:L5516

MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.5dB

1.5 SPECIAL ACCESSORIES

The battery and the charger, earphone supplied by the applicant were used as accessories and being tested with EUT intended for FCC grant together.

1.6 WORST-CASE CONFIGURATION AND MODE

The worst-case scenario for all measurements is based on the investigation results.

The device has LTE Bands of: Band 2, Band 4, Band 5, Band 7, Band 12, Band13, Band25, Band26, Band 41.

The RB Size was selected to measure for peak or average ERP and EIRP, which was based on the conducted power verification baseline data.

For the fundamental investigation of radiated emissions, the EUT is investigated for vertical and horizontal antenna orientations and X Y and Z orientations of the EUT alone. After the investigations the worst case was determined to be at X orientation for all LTE bands.

2. SYSTEM TEST CONFIGURATION

2.1 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT EXERCISE

The Transmitter was operated in the maximum output power mode through Communication Tester. The TX frequency was fixed which was for the purpose of the measurements.

2.3 CONFIGURATION OF EUT SYSTEM

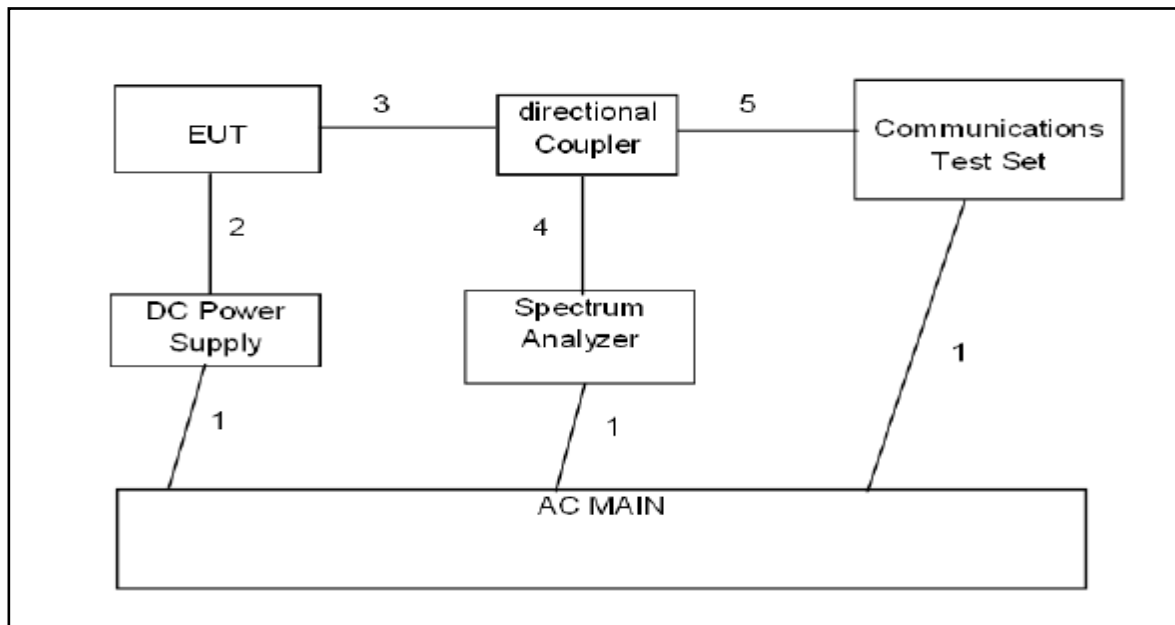
Table 2-1 Equipment Used in EUT System

Item	Equipment	Model No.	ID or Specification	Note
1	Wireless Digital Terminal	S611	FCC ID: 2ASMA-S611	EUT

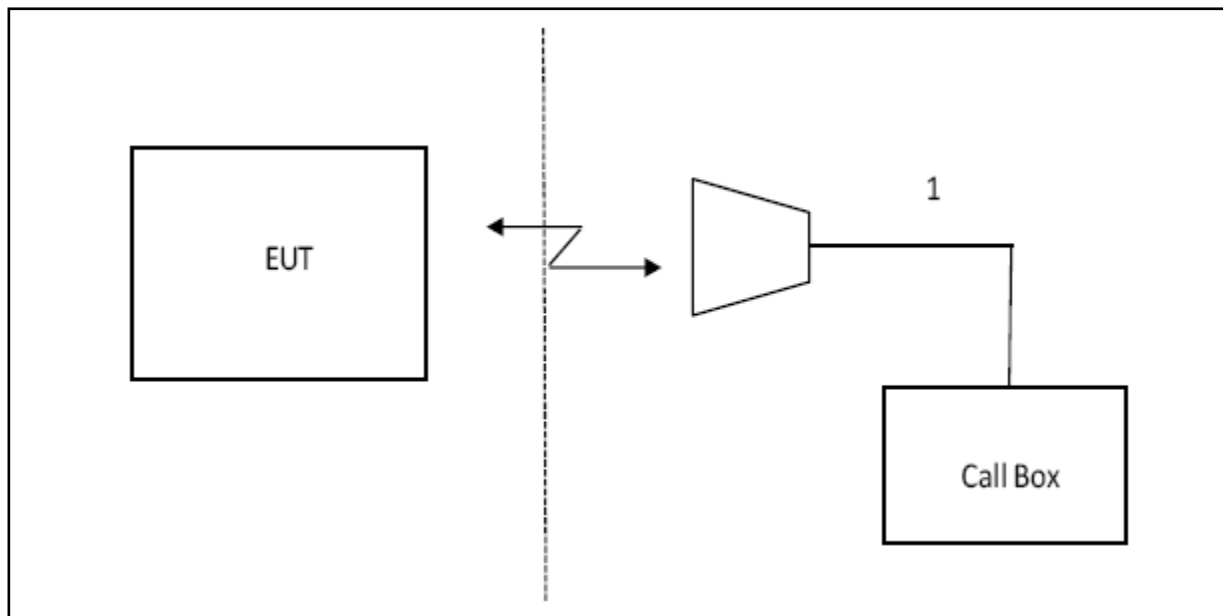
*Note: All the accessories have been used during the test.
the following "EUT" in setup diagram means EUT system.*

2.4 TEST SETUP

CONDUCTED SETUP DIAGRAM FOR TESTS



RADIATED SETUP DIAGRAM FOR TESTS



3. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	NEXT CAL. DATE
SPECTRUM ANALYZER	AGILENT	N9020A	MY49100060	2019.10.07
TEST RECEIVER	R&S	ESCI	101318	2019.05.18
COMMUNICATION TESTER	R&S	CMU200	117858	2019.05.18
COMMUNICATION TESTER	R&S	CMW500	148500	2019.05.18
TEST RECEIVER	R&S	FCKL1528	A0304230	2019.05.18
LISN	SCHWARZBECK	NSLK8127	A0304233	2019.05.18
CLIMATE CHAMBER	ALBATROSS	--	--	2019.05.18
Loop Antenna	Daze	ZN30900N	SEL0097	2019.05.18
Biological Antenna	A.H. Systems Inc.	SAS-521-4	N/A	2019.05.18
Horn Antenna	EM	EM-AH-10180	2011071402	2019.05.18
DC Power Source	N/A	PS-6005D	20170402923	2019.05.18

4. OUTPUT POWER

4.1 OUTPUT POWER MEASUREMENT

LTE Measurement Procedure:

All LTE bands conducted power peak and average are obtained from the CMW500 telecommunication test set. The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth (RB)						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".3

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	NA
NS_03	6.6.2.2.1	2, 4, 10, 23, 25, 35, 36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.2	41	5	>6	≤ 1
			10, 15, 20	See Table 6.2.4-4	
NS_05	6.6.3.3.1	1	10, 15, 20	≥ 50	≤ 1
NS_06	6.6.2.2.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.6-1	n/a
NS_07	6.6.2.2.3	13	10	Table 6.2.4-2	Table 6.2.4-2
	6.6.3.3.2				
NS_08	6.6.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4-3	Table 6.2.4-3
NS_11	6.6.2.2.1	23 ¹	1.4, 3, 5, 10	Table 6.2.4-5	Table 6.2.4-5
..					
NS_32	-	-	-	-	-

Note 1: Applies to the lower block of Band 23, i.e. a carrier placed in the 2000-2010 MHz region.

4.2 LTE BAND 2

OUTPUT POWER FOR LTE BAND 2 (1.4MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 2	1.4MHz	18607	1850.7	QPSK	1	Low	22.38	26.88
					1	Mid	22.45	26.64
					1	High	22.38	26.75
					3	Low	22.31	26.95
					3	High	22.32	27.01
					6	Low	21.39	27.18
				16QAM	1	Low	21.65	26.94
					1	Mid	21.59	26.47
					1	High	21.66	26.91
					3	Low	21.31	27.10
					3	High	21.37	26.98
					6	Low	20.45	27.22
	1.4MHz	18900	1880.0	QPSK	1	Low	22.46	26.85
					1	Mid	22.44	26.46
					1	High	22.38	26.76
					3	Low	22.42	26.97
					3	High	22.36	27.15
					6	Low	21.44	27.33
				16QAM	1	Low	21.48	26.79
					1	Mid	21.53	26.49
					1	High	21.45	26.77
					3	Low	21.48	26.67
					3	High	21.49	26.99
					6	Low	20.41	27.26
	1.4MHz	19193	1909.3	QPSK	1	Low	22.51	26.59
					1	Mid	22.55	26.17
					1	High	22.50	26.46
3					Low	22.47	26.83	
3					High	22.46	26.74	
6					Low	21.49	26.92	
16QAM				1	Low	21.49	26.50	
				1	Mid	21.58	26.21	
				1	High	21.58	26.45	
				3	Low	21.65	26.84	
				3	High	21.54	26.65	
				6	Low	20.40	27.07	

OUTPUT POWER FOR LTE BAND 2 (3.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 2	3.0 MHz	18615	1851.5	QPSK	1	Low	22.47	26.68
					1	Mid	22.27	26.27
					1	High	22.26	26.44
					8	Low	21.47	27.13
					8	High	21.34	27.12
					15	Low	21.32	27.17
				16QAM	1	Low	21.96	26.61
					1	Mid	21.80	26.23
					1	High	21.93	26.64
					8	Low	20.57	26.95
					8	High	20.51	27.02
					15	Low	20.41	27.12
	3.0 MHz	18900	1880.0	QPSK	1	Low	22.39	26.49
					1	Mid	22.46	26.31
					1	High	22.35	26.43
					8	Low	21.47	26.90
					8	High	21.39	27.18
					15	Low	21.40	28.31
				16QAM	1	Low	21.43	26.38
					1	Mid	21.44	26.35
					1	High	21.28	26.30
					8	Low	20.49	26.93
					8	High	20.48	26.76
					15	Low	20.47	27.20
	3.0 MHz	19185	1908.5	QPSK	1	Low	22.59	26.55
					1	Mid	22.56	26.20
					1	High	22.46	26.16
8					Low	21.57	26.98	
8					High	21.64	26.84	
15					Low	21.61	26.97	
16QAM				1	Low	21.76	26.61	
				1	Mid	21.81	26.29	
				1	High	21.69	26.20	
				8	Low	20.59	26.81	
				8	High	20.58	26.64	
				15	Low	20.55	27.01	

OUTPUT POWER FOR LTE BAND 2 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 2	5.0 MHz	18625	1852.5	QPSK	1	Low	22.46	26.63
					1	Mid	22.38	26.43
					1	High	22.37	26.40
					12	Low	21.45	26.98
					12	High	21.32	26.78
					25	Low	21.43	27.59
				16QAM	1	Low	21.43	26.64
					1	Mid	21.40	26.43
					1	High	21.37	26.36
					12	Low	20.47	27.11
					12	High	20.36	26.85
					25	Low	20.47	27.43
	5.0 MHz	18900	1880.0	QPSK	1	Low	22.44	26.42
					1	Mid	22.37	26.22
					1	High	22.42	26.37
					12	Low	21.40	26.77
					12	High	21.34	26.81
					25	Low	21.36	27.26
				16QAM	1	Low	21.62	26.48
					1	Mid	21.51	26.35
					1	High	21.39	26.26
					12	Low	20.39	26.81
					12	High	20.34	26.73
					25	Low	20.40	27.62
	5.0 MHz	19175	1907.5	QPSK	1	Low	22.81	26.69
					1	Mid	22.60	26.28
					1	High	22.53	26.13
12					Low	21.69	27.03	
12					High	21.56	26.75	
25					Low	21.64	27.58	
16QAM				1	Low	21.97	26.55	
				1	Mid	22.00	26.36	
				1	High	21.88	26.10	
				12	Low	20.67	26.94	
				12	High	20.65	26.77	
				25	Low	20.63	27.85	

OUTPUT POWER FOR LTE BAND 2 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 2	10.0 MHz	18650	1855.0	QPSK	1	Low	22.48	26.61
					1	Mid	22.46	26.57
					1	High	22.37	25.83
					25	Low	21.44	27.06
					25	High	21.49	26.65
					50	Low	21.46	27.08
				16QAM	1	Low	21.98	26.65
					1	Mid	21.95	26.38
					1	High	21.97	25.94
					25	Low	20.50	26.97
					25	High	20.58	26.63
					50	Low	20.51	27.14
	10.0 MHz	18900	1880.0	QPSK	1	Low	22.42	26.26
					1	Mid	22.27	26.30
					1	High	22.28	26.17
					25	Low	21.31	26.91
					25	High	21.21	26.74
					50	Low	21.31	27.31
				16QAM	1	Low	21.36	26.13
					1	Mid	21.21	26.17
					1	High	21.33	26.17
					25	Low	20.47	26.75
					25	High	20.29	26.58
					50	Low	20.35	27.10
	10.0 MHz	19150	1905.0	QPSK	1	Low	22.58	26.24
					1	Mid	22.53	26.42
					1	High	22.48	26.13
25					Low	21.61	26.94	
25					High	21.49	26.81	
50					Low	21.48	27.61	
16QAM				1	Low	21.81	26.42	
				1	Mid	21.69	26.38	
				1	High	21.78	26.20	
				25	Low	20.61	26.93	
				25	High	20.54	26.77	
				50	Low	20.54	26.87	

OUTPUT POWER FOR LTE BAND 2 (15.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 2	15.0 MHz	18675	1857.5	QPSK	1	Low	22.62	26.58
					1	Mid	22.35	26.08
					1	High	22.29	25.38
					36	Low	21.49	26.91
					36	High	21.41	26.22
					75	Low	21.47	27.22
				16QAM	1	Low	21.00	26.76
					1	Mid	21.96	26.16
					1	High	21.92	25.66
					36	Low	20.45	27.02
					36	High	20.51	26.34
					75	Low	20.50	27.03
	15.0 MHz	18900	1880.0	QPSK	1	Low	22.44	26.07
					1	Mid	22.11	26.24
					1	High	22.41	26.17
					36	Low	21.40	26.83
					36	High	21.37	26.75
					75	Low	21.30	27.41
				16QAM	1	Low	21.88	26.21
					1	Mid	21.73	26.31
					1	High	21.86	26.26
					36	Low	20.47	26.81
					36	High	20.43	26.77
					75	Low	20.30	27.18
	15.0 MHz	19125	1902.5	QPSK	1	Low	22.90	26.07
					1	Mid	22.53	26.34
					1	High	22.57	26.15
36					Low	21.58	26.55	
36					High	21.57	26.87	
75					Low	21.54	27.68	
16QAM				1	Low	21.92	26.12	
				1	Mid	21.72	26.42	
				1	High	21.77	26.15	
				36	Low	20.59	26.62	
				36	High	20.56	26.93	
				75	Low	20.57	27.53	

OUTPUT POWER FOR LTE BAND 2 (20.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 2	20.0 MHz	18700	1860.0	QPSK	1	Low	22.54	26.45
					1	Mid	22.15	25.65
					1	High	22.08	25.41
					50	Low	21.51	26.85
					50	High	21.28	25.87
					100	Low	21.44	27.08
				16QAM	1	Low	21.74	26.41
					1	Mid	21.66	25.76
					1	High	21.34	25.40
					50	Low	20.46	26.69
					50	High	20.29	25.88
					100	Low	20.55	27.44
	20.0 MHz	18900	1880.0	QPSK	1	Low	22.20	25.77
					1	Mid	22.10	26.11
					1	High	21.93	25.62
					50	Low	21.34	26.80
					50	High	21.13	26.61
					100	Low	21.26	27.83
				16QAM	1	Low	21.88	25.84
					1	Mid	21.91	26.42
					1	High	21.55	25.70
					50	Low	20.32	26.54
					50	High	20.17	26.64
					100	Low	20.28	27.61
	20.0 MHz	19100	1900.0	QPSK	1	Low	22.59	26.06
					1	Mid	22.53	26.22
					1	High	22.18	25.82
50					Low	21.63	26.60	
50					High	21.41	26.82	
100					Low	21.48	27.80	
16QAM				1	Low	21.81	26.18	
				1	Mid	21.64	26.15	
				1	High	21.41	25.88	
				50	Low	20.69	26.62	
				50	High	20.38	26.71	
				100	Low	20.53	27.54	

4.3 LTE BAND 4

OUTPUT POWER FOR LTE BAND 4 (1.4MHz)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 4	1.4MHz	19957	1710.7	QPSK	1	Low	22.88	27.82
					1	Mid	23.00	27.80
					1	High	22.88	27.83
					3	Low	22.93	27.95
					3	High	22.86	28.04
					6	Low	21.83	27.40
				16QAM	1	Low	21.85	27.79
					1	Mid	21.92	27.76
					1	High	21.89	27.65
					3	Low	21.99	28.06
					3	High	22.00	27.89
					6	Low	20.70	27.22
	1.4MHz	20175	1732.5	QPSK	1	Low	22.74	27.89
					1	Mid	22.57	27.60
					1	High	22.54	27.67
					3	Low	22.64	27.93
					3	High	22.74	28.07
					6	Low	21.66	27.29
				16QAM	1	Low	21.85	27.96
					1	Mid	21.68	27.77
					1	High	21.91	27.90
					3	Low	21.68	28.03
					3	High	21.70	27.96
					6	Low	20.72	27.63
	1.4MHz	20393	1754.3	QPSK	1	Low	22.68	28.05
					1	Mid	22.21	27.43
					1	High	22.40	27.68
3					Low	22.54	28.07	
3					High	22.54	27.94	
6					Low	21.57	27.41	
16QAM				1	Low	21.83	27.74	
				1	Mid	21.82	27.54	
				1	High	21.63	27.63	
				3	Low	21.68	28.29	
				3	High	21.58	28.16	
				6	Low	20.65	27.56	

OUTPUT POWER FOR LTE BAND 4 (3.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 4	3.0 MHz	19965	1711.5	QPSK	1	Low	22.92	27.70
					1	Mid	22.78	27.69
					1	High	22.75	27.68
					8	Low	21.91	27.21
					8	High	21.89	27.18
					15	Low	21.92	27.68
				16QAM	1	Low	22.50	27.76
					1	Mid	22.56	27.79
					1	High	22.47	27.83
					8	Low	21.12	27.26
					8	High	21.05	27.20
					15	Low	20.72	28.01
	3.0 MHz	20175	1732.5	QPSK	1	Low	22.80	27.94
					1	Mid	22.63	27.67
					1	High	22.66	27.68
					8	Low	21.76	27.12
					8	High	21.70	27.25
					15	Low	21.73	28.39
				16QAM	1	Low	21.75	27.71
					1	Mid	21.53	27.44
					1	High	21.62	27.54
					8	Low	20.76	27.07
					8	High	20.78	27.09
					15	Low	20.71	27.56
	3.0 MHz	20385	1753.5	QPSK	1	Low	22.74	27.96
					1	Mid	22.74	27.82
					1	High	22.70	27.87
8					Low	21.66	27.45	
8					High	21.61	27.36	
15					Low	21.55	27.66	
16QAM				1	Low	21.96	27.82	
				1	Mid	22.04	27.65	
				1	High	21.88	27.71	
				8	Low	20.63	27.16	
				8	High	20.74	27.36	
				15	Low	20.92	27.93	

OUTPUT POWER FOR LTE BAND 4 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 4	5.0 MHz	19975	1712.5	QPSK	1	Low	22.97	27.87
					1	Mid	22.96	27.70
					1	High	22.87	27.70
					12	Low	22.00	27.42
					12	High	22.00	27.25
					25	Low	21.96	27.84
				16QAM	1	Low	21.88	27.89
					1	Mid	21.90	27.81
					1	High	21.89	27.74
					12	Low	20.96	27.41
					12	High	20.92	27.26
					25	Low	20.97	27.78
	5.0 MHz	20175	1732.5	QPSK	1	Low	22.91	27.95
					1	Mid	22.87	27.91
					1	High	22.75	27.68
					12	Low	21.85	27.27
					12	High	21.77	27.13
					25	Low	21.78	27.67
				16QAM	1	Low	21.86	27.99
					1	Mid	21.87	27.86
					1	High	21.65	27.64
					12	Low	20.71	27.08
					12	High	20.72	27.14
					25	Low	20.81	28.07
	5.0 MHz	20375	1752.5	QPSK	1	Low	22.96	28.02
					1	Mid	22.77	27.84
					1	High	22.79	27.85
12					Low	21.82	27.42	
12					High	21.69	27.40	
25					Low	21.76	27.93	
16QAM				1	Low	21.99	27.86	
				1	Mid	21.87	28.04	
				1	High	21.95	28.00	
				12	Low	20.80	27.34	
				12	High	20.65	27.26	
				25	Low	20.77	27.89	

OUTPUT POWER FOR LTE BAND 4 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 4	10.0 MHz	20000	1715.0	QPSK	1	Low	22.95	27.95
					1	Mid	22.98	27.83
					1	High	22.94	28.05
					25	Low	21.96	27.32
					25	High	21.99	27.36
					50	Low	22.00	27.60
				16QAM	1	Low	22.95	28.14
					1	Mid	22.49	27.91
					1	High	22.78	28.10
					25	Low	20.95	27.34
					25	High	20.99	27.37
					50	Low	20.96	27.68
	10.0 MHz	20175	1732.5	QPSK	1	Low	22.92	28.11
					1	Mid	22.79	27.83
					1	High	22.97	28.04
					25	Low	21.80	27.41
					25	High	21.87	27.54
					50	Low	21.88	28.05
				16QAM	1	Low	21.98	27.94
					1	Mid	21.64	27.83
					1	High	21.94	27.98
					25	Low	20.90	27.15
					25	High	20.96	27.32
					50	Low	20.83	28.05
	10.0 MHz	20350	1750.0	QPSK	1	Low	22.91	28.00
					1	Mid	22.69	27.83
					1	High	22.76	27.82
25					Low	21.82	27.34	
25					High	21.94	27.54	
50					Low	21.77	28.15	
16QAM				1	Low	22.12	27.67	
				1	Mid	21.87	27.53	
				1	High	21.96	27.69	
				25	Low	20.83	27.44	
				25	High	20.97	27.60	
				50	Low	20.82	27.89	

OUTPUT POWER FOR LTE BAND 4 (15.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 4	15.0 MHz	20025	1717.5	QPSK	1	Low	22.85	27.72
					1	Mid	22.76	27.79
					1	High	22.68	27.56
					36	Low	21.70	27.05
					36	High	21.83	27.18
					75	Low	21.72	27.82
				16QAM	1	Low	22.46	27.86
					1	Mid	22.42	27.96
					1	High	22.28	27.81
					36	Low	20.78	27.10
					36	High	20.84	27.24
					75	Low	20.76	27.64
	15.0 MHz	20175	1732.5	QPSK	1	Low	22.78	27.92
					1	Mid	22.60	27.90
					1	High	22.50	27.43
					36	Low	21.75	27.16
					36	High	21.74	27.12
					75	Low	21.64	27.72
				16QAM	1	Low	22.18	27.82
					1	Mid	22.33	28.14
					1	High	22.30	27.94
					36	Low	20.81	27.34
					36	High	20.73	27.14
					75	Low	20.68	27.70
	15.0 MHz	20325	1747.5	QPSK	1	Low	22.74	27.78
					1	Mid	22.59	27.61
					1	High	22.58	27.79
36					Low	21.60	27.01	
36					High	21.57	27.10	
75					Low	21.57	27.81	
16QAM				1	Low	22.21	27.86	
				1	Mid	21.86	27.39	
				1	High	21.58	27.44	
				36	Low	20.64	27.16	
				36	High	20.55	27.13	
				75	Low	20.61	27.67	

OUTPUT POWER FOR LTE BAND 4 (20.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 4	20.0 MHz	20050	1720.0	QPSK	1	Low	22.86	26.65
					1	Mid	22.65	26.94
					1	High	22.82	27.83
					50	Low	21.77	27.19
					50	High	21.68	27.18
					100	Low	21.73	28.31
				16QAM	1	Low	21.98	27.66
					1	Mid	22.28	27.96
					1	High	21.99	27.92
					50	Low	20.67	27.15
					50	High	20.63	27.16
					100	Low	20.73	28.33
	20.0 MHz	20175	1732.5	QPSK	1	Low	22.61	27.73
					1	Mid	22.70	27.89
					1	High	22.68	27.62
					50	Low	21.72	27.19
					50	High	21.73	27.30
					100	Low	21.66	28.38
				16QAM	1	Low	22.14	27.65
					1	Mid	22.48	28.27
					1	High	22.29	27.70
					50	Low	20.74	27.29
					50	High	20.67	27.27
					100	Low	20.65	28.11
	20.0 MHz	20300	1745.0	QPSK	1	Low	22.69	27.72
					1	Mid	22.87	27.86
					1	High	22.77	27.90
50					Low	21.76	27.35	
50					High	21.64	27.18	
100					Low	21.62	28.16	
16QAM				1	Low	21.99	27.99	
				1	Mid	22.16	27.88	
				1	High	22.08	28.03	
				50	Low	20.78	27.39	
				50	High	20.66	27.32	
				100	Low	20.63	28.11	

4.4 LTE BAND 5

OUTPUT POWER FOR LTE BAND 5 (1.4MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 5	1.4MHz	20407	824.7	QPSK	1	Low	23.28	27.03
					1	Mid	23.28	26.96
					1	High	23.16	26.99
					3	Low	23.25	27.31
					3	High	23.23	27.27
					6	Low	22.35	27.85
				16QAM	1	Low	22.33	26.97
					1	Mid	22.33	26.89
					1	High	22.20	26.94
					3	Low	22.41	27.37
					3	High	22.24	27.25
					6	Low	21.34	27.80
	1.4MHz	20525	836.5	QPSK	1	Low	23.41	26.98
					1	Mid	23.47	26.96
					1	High	23.26	26.79
					3	Low	23.36	27.26
					3	High	23.35	27.25
					6	Low	22.36	27.64
				16QAM	1	Low	22.61	26.97
					1	Mid	22.59	26.85
					1	High	22.49	26.86
					3	Low	22.43	27.22
					3	High	22.37	27.15
					6	Low	21.37	27.64
	1.4MHz	20643	848.3	QPSK	1	Low	23.20	26.57
					1	Mid	23.37	26.68
					1	High	23.20	26.57
3					Low	23.26	27.03	
3					High	23.21	26.92	
6					Low	22.23	27.54	
16QAM				1	Low	22.20	26.49	
				1	Mid	22.31	26.49	
				1	High	22.16	26.44	
				3	Low	22.51	26.94	
				3	High	22.36	26.80	
				6	Low	21.25	27.43	

OUTPUT POWER FOR LTE BAND 5 (3.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 5	3.0 MHz	20415	825.5	QPSK	1	Low	23.27	27.10
					1	Mid	23.13	26.76
					1	High	23.13	26.94
					8	Low	22.15	27.27
					8	High	22.24	27.45
					15	Low	22.23	27.79
				16QAM	1	Low	22.74	27.01
					1	Mid	22.68	26.82
					1	High	22.68	26.91
					8	Low	21.38	27.42
					8	High	21.49	27.51
					15	Low	21.35	27.80
	3.0 MHz	20525	836.5	QPSK	1	Low	23.39	26.98
					1	Mid	23.37	26.77
					1	High	23.30	26.87
					8	Low	22.46	27.54
					8	High	22.46	27.57
					15	Low	22.39	28.29
				16QAM	1	Low	22.51	26.97
					1	Mid	22.49	26.83
					1	High	22.38	26.88
					8	Low	21.50	27.22
					8	High	21.53	27.23
					15	Low	21.45	27.79
	3.0 MHz	20635	847.5	QPSK	1	Low	23.38	26.88
					1	Mid	23.28	26.53
					1	High	23.35	26.72
8					Low	22.41	27.21	
8					High	22.34	27.06	
15					Low	22.48	27.73	
16QAM				1	Low	22.59	26.84	
				1	Mid	22.53	26.57	
				1	High	22.36	26.54	
				8	Low	21.42	27.11	
				8	High	21.42	27.07	
				15	Low	21.45	27.79	

OUTPUT POWER FOR LTE BAND 5 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 5	5.0 MHz	20425	826.5	QPSK	1	Low	23.34	27.12
					1	Mid	23.28	26.91
					1	High	23.23	26.95
					12	Low	22.35	27.58
					12	High	22.27	27.39
					25	Low	22.32	28.13
				16QAM	1	Low	22.24	26.90
					1	Mid	22.23	26.86
					1	High	22.20	26.97
					12	Low	21.33	27.52
					12	High	21.25	27.34
					25	Low	21.44	28.26
	5.0 MHz	20525	836.5	QPSK	1	Low	23.52	27.09
					1	Mid	23.43	26.89
					1	High	23.27	26.86
					12	Low	22.49	27.38
					12	High	22.47	27.37
					25	Low	22.45	28.04
				16QAM	1	Low	22.61	27.05
					1	Mid	22.58	26.91
					1	High	22.37	26.80
					12	Low	21.54	27.40
					12	High	21.44	27.23
					25	Low	21.45	28.19
	5.0 MHz	20625	846.5	QPSK	1	Low	23.52	26.96
					1	Mid	23.44	26.69
					1	High	23.40	26.79
12					Low	22.58	27.49	
12					High	22.51	27.16	
25					Low	22.52	28.13	
16QAM				1	Low	22.78	26.98	
				1	Mid	22.69	26.63	
				1	High	22.66	26.67	
				12	Low	21.62	27.31	
				12	High	21.50	27.08	
				25	Low	21.52	27.94	

OUTPUT POWER FOR LTE BAND 5 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 5	10.0 MHz	20450	829.0	QPSK	1	Low	23.55	27.30
					1	Mid	23.21	26.90
					1	High	23.50	27.20
					25	Low	22.35	27.60
					25	High	22.50	27.64
					50	Low	22.44	27.88
				16QAM	1	Low	22.98	27.18
					1	Mid	22.80	26.93
					1	High	22.97	27.10
					25	Low	21.37	27.42
					25	High	21.52	27.55
					50	Low	21.41	28.17
	10.0 MHz	20525	836.5	QPSK	1	Low	23.69	27.34
					1	Mid	23.43	26.92
					1	High	23.77	27.32
					25	Low	22.48	27.60
					25	High	22.55	27.50
					50	Low	22.52	28.56
				16QAM	1	Low	22.74	27.33
					1	Mid	22.48	26.92
					1	High	22.77	27.33
					25	Low	21.62	27.55
					25	High	21.61	27.42
					50	Low	21.51	28.20
	10.0 MHz	20600	844.0	QPSK	1	Low	23.70	27.29
					1	Mid	23.57	27.04
					1	High	23.76	27.07
					25	Low	22.67	27.75
					25	High	22.74	27.50
					50	Low	22.68	28.23
16QAM				1	Low	22.93	27.19	
				1	Mid	22.79	27.03	
				1	High	22.95	27.02	
				25	Low	21.67	27.66	
				25	High	21.76	27.51	
				50	Low	21.75	27.84	

4.5 LTE BAND 7

OUTPUT POWER FOR LTE BAND 7 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 7	5.0MHz	20775	2502.5	QPSK	1	Low	22.87	26.28
					1	Mid	22.63	26.01
					1	High	22.67	26.22
					12	Low	21.69	26.67
					12	High	21.59	26.56
					25	Low	21.67	27.40
				16QAM	1	Low	22.06	26.11
					1	Mid	22.07	26.07
					1	High	21.91	26.02
					12	Low	20.79	26.52
					12	High	20.70	26.53
					25	Low	20.70	27.00
	5.0MHz	21100	2535.0	QPSK	1	Low	22.66	26.16
					1	Mid	22.56	25.96
					1	High	22.59	26.21
					12	Low	21.78	26.66
					12	High	21.64	26.57
					25	Low	21.66	27.30
				16QAM	1	Low	22.66	26.05
					1	Mid	22.56	26.03
					1	High	22.59	26.13
					12	Low	21.78	26.57
					12	High	21.64	26.52
					25	Low	21.66	27.14
	5.0MHz	21425	2567.5	QPSK	1	Low	22.39	25.68
					1	Mid	22.23	25.38
					1	High	21.91	25.22
12					Low	21.52	26.02	
12					High	21.46	26.00	
25					Low	21.44	26.69	
16QAM				1	Low	21.60	25.65	
				1	Mid	21.49	25.52	
				1	High	21.14	25.30	
				12	Low	20.50	26.03	
				12	High	20.40	25.85	
				25	Low	20.53	26.96	

OUTPUT POWER FOR LTE BAND 7 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 7	10.0 MHz	20800	2505.0	QPSK	1	Low	22.93	26.35
					1	Mid	22.50	25.91
					1	High	22.76	26.06
					25	Low	21.74	26.62
					25	High	21.67	26.58
					50	Low	21.69	27.16
				16QAM	1	Low	22.00	26.31
					1	Mid	21.97	25.97
					1	High	21.95	26.09
					25	Low	20.81	26.59
					25	High	20.79	26.53
					50	Low	20.77	27.60
	10.0 MHz	21100	2535.0	QPSK	1	Low	22.86	26.23
					1	Mid	22.57	26.02
					1	High	22.77	26.27
					25	Low	21.62	26.62
					25	High	21.56	26.73
					50	Low	21.68	27.13
				16QAM	1	Low	21.97	26.25
					1	Mid	21.65	26.02
					1	High	21.79	26.27
					25	Low	20.79	26.60
					25	High	20.65	26.56
					50	Low	20.62	27.24
	10.0 MHz	21400	2565.0	QPSK	1	Low	22.65	25.95
					1	Mid	22.24	25.47
					1	High	21.70	25.07
25					Low	21.51	26.15	
25					High	21.56	26.09	
50					Low	21.41	26.90	
16QAM				1	Low	21.85	25.81	
				1	Mid	21.69	25.69	
				1	High	21.08	25.21	
				25	Low	20.53	26.18	
				25	High	20.46	25.98	
				50	Low	20.52	26.47	

OUTPUT POWER FOR LTE BAND 7 (15.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 7	15.0 MHz	20825	2507.5	QPSK	1	Low	22.58	26.01
					1	Mid	22.65	26.04
					1	High	22.44	25.62
					36	Low	21.81	26.65
					36	High	21.65	26.39
					75	Low	21.82	27.26
				16QAM	1	Low	21.96	26.07
					1	Mid	21.87	26.03
					1	High	21.92	25.73
					36	Low	20.78	26.62
					36	High	20.70	26.48
					75	Low	20.85	27.09
	15.0 MHz	21100	2535.0	QPSK	1	Low	22.70	26.15
					1	Mid	22.53	25.99
					1	High	22.62	26.10
					36	Low	21.78	26.65
					36	High	21.78	26.80
					75	Low	21.67	27.44
				16QAM	1	Low	22.00	25.85
					1	Mid	21.94	26.00
					1	High	21.97	26.13
					36	Low	20.77	26.62
					36	High	20.73	26.75
					75	Low	20.70	27.18
	15.0 MHz	21375	2562.5	QPSK	1	Low	22.53	25.94
					1	Mid	22.47	25.67
					1	High	21.90	25.20
36					Low	21.62	26.32	
36					High	21.49	26.09	
75					Low	21.53	27.15	
16QAM				1	Low	21.70	25.76	
				1	Mid	21.64	25.65	
				1	High	21.33	25.36	
				36	Low	20.61	26.37	
				36	High	20.56	26.05	
				75	Low	20.63	26.92	

OUTPUT POWER FOR LTE BAND 7 (20.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 7	20.0 MHz	20850	2510.0	QPSK	1	Low	22.68	26.12
					1	Mid	22.51	25.90
					1	High	22.65	25.76
					50	Low	21.79	26.62
					50	High	21.96	26.28
					100	Low	21.80	27.44
				16QAM	1	Low	21.97	26.06
					1	Mid	21.91	25.85
					1	High	21.95	26.16
					50	Low	20.74	26.48
					50	High	20.73	26.33
					100	Low	20.87	27.00
	20.0 MHz	21100	2535.0	QPSK	1	Low	22.97	25.95
					1	Mid	22.60	26.13
					1	High	22.49	26.05
					50	Low	21.75	26.63
					50	High	21.98	26.69
					100	Low	21.72	27.56
				16QAM	1	Low	21.96	25.85
					1	Mid	21.93	26.03
					1	High	21.94	26.10
					50	Low	20.75	26.58
					50	High	20.63	26.74
					100	Low	20.71	27.68
	20.0 MHz	21350	2560.0	QPSK	1	Low	22.58	26.02
					1	Mid	22.52	25.80
					1	High	21.95	25.26
50					Low	21.55	26.37	
50					High	21.53	26.13	
100					Low	21.62	27.42	
16QAM				1	Low	21.75	26.02	
				1	Mid	21.54	25.60	
				1	High	21.39	25.45	
				50	Low	20.64	26.36	
				50	High	20.61	26.17	
				100	Low	20.72	27.27	

4.6 LTE BAND 12

OUTPUT POWER FOR LTE BAND 12 (1.4MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 12	1.4MHz	23017	699.7	QPSK	1	Low	23.45	27.03
					1	Mid	23.41	27.03
					1	High	23.50	28.40
					3	Low	23.53	28.62
					3	High	23.46	28.64
					6	Low	22.67	28.11
				16QAM	1	Low	22.52	28.31
					1	Mid	22.42	28.26
					1	High	22.54	28.33
					3	Low	22.61	28.48
					3	High	22.64	28.61
					6	Low	21.49	28.29
	1.4MHz	23095	707.5	QPSK	1	Low	23.38	27.93
					1	Mid	23.42	27.85
					1	High	23.52	28.05
					3	Low	23.47	28.13
					3	High	23.43	28.15
					6	Low	22.42	27.84
				16QAM	1	Low	22.44	27.74
					1	Mid	22.49	27.81
					1	High	22.49	27.94
					3	Low	22.57	28.12
					3	High	22.50	28.12
					6	Low	21.44	27.94
	1.4MHz	23173	715.3	QPSK	1	Low	23.72	27.97
					1	Mid	23.73	27.96
					1	High	23.66	28.07
					3	Low	23.64	28.15
					3	High	23.75	28.24
					6	Low	22.67	28.04
16QAM				1	Low	22.88	27.79	
				1	Mid	23.00	27.83	
				1	High	22.77	27.81	
				3	Low	22.71	28.15	
				3	High	22.76	28.26	
				6	Low	21.65	27.91	

OUTPUT POWER FOR LTE BAND 12 (3.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 12	3.0 MHz	23025	700.5	QPSK	1	Low	23.57	28.39
					1	Mid	23.52	28.30
					1	High	23.39	28.15
					8	Low	22.49	28.00
					8	High	22.40	27.86
					15	Low	22.48	28.23
				16QAM	1	Low	22.98	28.48
					1	Mid	22.97	28.29
					1	High	22.93	28.20
					8	Low	21.73	27.87
					8	High	21.56	27.66
					15	Low	21.58	28.13
	3.0 MHz	23095	707.5	QPSK	1	Low	23.58	27.97
					1	Mid	23.48	27.89
					1	High	23.45	28.09
					8	Low	22.53	27.60
					8	High	22.42	27.70
					15	Low	22.54	28.42
				16QAM	1	Low	22.61	27.81
					1	Mid	22.47	27.82
					1	High	22.46	28.02
					8	Low	21.56	27.47
					8	High	21.45	27.45
					15	Low	21.57	28.14
	3.0 MHz	23165	714.5	QPSK	1	Low	23.76	28.27
					1	Mid	23.74	27.93
					1	High	23.63	28.07
8					Low	22.74	27.90	
8					High	22.75	27.80	
15					Low	22.78	28.13	
16QAM				1	Low	22.82	27.99	
				1	Mid	22.95	27.82	
				1	High	22.79	27.87	
				8	Low	21.73	27.74	
				8	High	21.79	27.75	
				15	Low	21.71	28.13	

OUTPUT POWER FOR LTE BAND 12 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 12	5.0 MHz	23035	701.5	QPSK	1	Low	23.75	28.47
					1	Mid	23.62	28.25
					1	High	23.56	28.03
					12	Low	22.59	28.06
					12	High	22.53	27.64
					25	Low	22.60	28.51
				16QAM	1	Low	22.57	28.46
					1	Mid	22.44	28.12
					1	High	22.52	28.03
					12	Low	21.55	28.18
					12	High	21.50	27.71
					25	Low	21.69	28.31
	5.0 MHz	23095	707.5	QPSK	1	Low	23.58	27.92
					1	Mid	23.50	27.91
					1	High	23.56	28.21
					12	Low	22.60	27.55
					12	High	22.54	27.75
					25	Low	22.59	28.27
				16QAM	1	Low	22.68	27.91
					1	Mid	22.54	27.94
					1	High	22.98	28.17
					12	Low	21.56	27.49
					12	High	21.77	27.60
					25	Low	21.51	28.30
	5.0 MHz	23155	713.5	QPSK	1	Low	23.70	28.46
					1	Mid	23.66	28.03
					1	High	23.64	28.00
12					Low	22.77	28.10	
12					High	22.69	27.69	
25					Low	22.79	28.54	
16QAM				1	Low	22.98	28.39	
				1	Mid	22.91	28.07	
				1	High	22.91	28.02	
				12	Low	21.77	27.99	
				12	High	21.70	27.65	
				25	Low	21.79	28.83	

OUTPUT POWER FOR LTE BAND 12 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 12	10.0 MHz	23060	704.0	QPSK	1	Low	23.98	28.73
					1	Mid	23.62	28.02
					1	High	23.68	28.14
					25	Low	22.71	27.95
					25	High	22.67	27.71
					50	Low	22.78	28.63
				16QAM	1	Low	22.98	28.83
					1	Mid	22.94	28.06
					1	High	22.96	28.23
					25	Low	21.76	28.08
					25	High	21.74	27.67
					50	Low	21.73	28.17
	10.0 MHz	23095	707.5	QPSK	1	Low	23.92	28.27
					1	Mid	23.52	28.05
					1	High	23.84	28.57
					25	Low	22.66	27.72
					25	High	22.53	27.80
					50	Low	22.66	28.36
				16QAM	1	Low	22.87	28.21
					1	Mid	22.49	27.85
					1	High	22.80	28.42
					25	Low	21.72	27.59
					25	High	21.68	27.84
					50	Low	21.68	28.45
	10.0 MHz	23130	711.0	QPSK	1	Low	23.89	28.20
					1	Mid	23.67	28.42
					1	High	23.81	28.10
25					Low	22.74	27.91	
25					High	22.77	28.00	
50					Low	22.78	28.20	
16QAM				1	Low	22.96	27.95	
				1	Mid	22.84	28.16	
				1	High	23.00	27.96	
				25	Low	21.74	27.83	
				25	High	21.75	27.84	
				50	Low	21.79	28.71	

4.7 LTE BAND 13

OUTPUT POWER FOR LTE BAND 13 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 13	5.0 MHz	23205	779.5	QPSK	1	Low	23.56	27.81
					1	Mid	23.54	28.15
					1	High	23.40	27.87
					12	Low	22.60	27.93
					12	High	22.47	27.60
					25	Low	22.65	28.48
				16QAM	1	Low	22.62	27.83
					1	Mid	22.59	28.10
					1	High	22.48	27.88
					12	Low	21.45	27.83
					12	High	21.55	27.62
					25	Low	21.57	28.61
	5.0 MHz	23230	782.0	QPSK	1	Low	23.73	28.38
					1	Mid	23.57	27.82
					1	High	23.67	28.19
					12	Low	22.50	27.68
					12	High	22.68	27.65
					25	Low	22.65	28.35
				16QAM	1	Low	22.92	28.29
					1	Mid	22.88	27.87
					1	High	22.94	28.16
					12	Low	21.63	27.58
					12	High	21.68	27.59
					25	Low	21.58	28.08
	5.0 MHz	23255	784.5	QPSK	1	Low	23.81	28.13
					1	Mid	23.89	28.36
					1	High	23.83	28.51
12					Low	22.76	27.75	
12					High	22.73	27.83	
25					Low	22.81	28.67	
16QAM				1	Low	22.75	28.06	
				1	Mid	22.75	28.38	
				1	High	22.76	28.52	
				12	Low	21.75	27.72	
				12	High	21.75	27.94	
				25	Low	21.87	28.54	

OUTPUT POWER FOR LTE BAND 13 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 13	10.0 MHz	23230	782.0	QPSK	1	Low	23.90	28.21
					1	Mid	23.53	27.92
					1	High	23.78	28.64
					25	Low	22.85	28.30
					25	High	22.68	27.92
					50	Low	22.72	28.35
				16QAM	1	Low	23.48	28.27
					1	Mid	23.13	27.91
					1	High	23.29	28.63
					25	Low	21.97	28.52
					25	High	21.72	27.84
					50	Low	21.74	28.67

4.8 LTE BAND 14

OUTPUT POWER FOR LTE BAND 14 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 14	5.0 MHz	23305	790.5	QPSK	1	Low	23.50	28.15
					1	Mid	23.52	28.12
					1	High	23.49	28.33
					12	Low	22.42	27.52
					12	High	22.41	27.50
					25	Low	22.47	28.07
				16QAM	1	Low	22.59	28.17
					1	Mid	22.62	28.18
					1	High	22.56	28.35
					12	Low	21.44	27.45
					12	High	21.45	27.52
					25	Low	21.47	28.13
	5.0 MHz	23330	793	QPSK	1	Low	23.62	28.21
					1	Mid	23.59	28.35
					1	High	23.65	28.53
					12	Low	22.54	27.90
					12	High	22.53	27.88
					25	Low	22.64	28.29
				16QAM	1	Low	22.98	28.18
					1	Mid	22.77	28.36
					1	High	22.77	28.53
					12	Low	21.63	27.85
					12	High	21.50	27.80
					25	Low	21.64	28.77
	5.0 MHz	23355	795.5	QPSK	1	Low	23.82	28.64
					1	Mid	23.88	28.58
					1	High	23.79	28.17
12					Low	22.87	28.31	
12					High	22.74	27.97	
25					Low	22.82	28.65	
16QAM				1	Low	22.76	28.62	
				1	Mid	22.98	28.59	
				1	High	22.74	28.20	
				12	Low	21.81	28.27	
				12	High	21.71	27.93	
				25	Low	21.85	28.60	

OUTPUT POWER FOR LTE BAND 14 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 14	10.0 MHz	23330	793	QPSK	1	Low	23.81	28.36
					1	Mid	23.56	28.35
					1	High	23.71	28.20
					25	Low	22.65	27.91
					25	High	22.61	28.01
					50	Low	22.62	28.46
				16QAM	1	Low	22.87	28.43
					1	Mid	22.98	28.31
					1	High	22.85	28.25
					25	Low	21.81	27.93
					25	High	21.65	27.98
					50	Low	21.59	28.19

4.9 LTE BAND 25

OUTPUT POWER FOR LTE BAND 25 (1.4MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 25	1.4MHz	26047	1850.7	QPSK	1	Low	22.49	27.31
					1	Mid	22.56	27.80
					1	High	22.39	27.97
					3	Low	22.43	28.05
					3	High	22.41	28.09
					6	Low	21.49	27.28
				16QAM	1	Low	21.67	27.77
					1	Mid	21.65	27.44
					1	High	21.59	27.60
					3	Low	21.47	28.26
					3	High	21.37	27.97
					6	Low	20.47	27.33
	1.4MHz	26365	1882.5	QPSK	1	Low	22.36	27.91
					1	Mid	22.26	27.49

					1	High	22.21	27.81
					3	Low	22.96	27.95
					3	High	22.28	28.17
				16QAM	6	Low	21.24	27.15
					1	Low	21.34	27.84
					1	Mid	21.35	27.57
					1	High	21.33	27.91
					3	Low	21.45	27.85
					3	High	21.43	28.00
	QPSK	6	Low	20.30	27.18			
		1	Low	22.56	26.95			
		1	Mid	22.55	26.35			
		1	High	22.82	26.88			
		3	Low	22.59	27.17			
		3	High	22.56	27.04			
		6	Low	21.39	26.56			
		16QAM	1	Low	21.70	26.76		
			1	Mid	21.71	26.38		
1	High		21.57	26.61				
3	Low		21.75	27.08				
3	High		21.55	26.91				
6	Low		20.50	26.71				

OUTPUT POWER FOR LTE BAND 25 (3.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 25	3.0 MHz	26055	1851.5	QPSK	1	Low	22.66	27.89
					1	Mid	22.48	27.62
					1	High	22.45	27.88
					8	Low	21.56	27.05
					8	High	21.39	27.15
					15	Low	21.44	27.47
				16QAM	1	Low	22.00	28.02
					1	Mid	21.98	27.77
					1	High	21.96	27.91
					8	Low	20.75	27.23
					8	High	20.60	27.17
					15	Low	20.52	27.96
	3.0 MHz	26365	1882.5	QPSK	1	Low	22.28	27.63
					1	Mid	22.08	27.25
					1	High	22.24	27.63
					8	Low	21.35	26.85
					8	High	21.32	27.02
					15	Low	21.32	27.37
				16QAM	1	Low	21.32	27.55
					1	Mid	21.33	27.46
					1	High	21.46	27.63
					8	Low	20.39	26.62
					8	High	20.34	26.56
					15	Low	20.36	27.23
	3.0 MHz	26675	1913.5	QPSK	1	Low	22.68	26.89
					1	Mid	22.60	26.46
					1	High	22.53	26.45
8					Low	21.52	26.50	
8					High	21.61	26.46	
15					Low	21.51	26.75	
16QAM				1	Low	21.79	26.60	
				1	Mid	21.74	26.27	
				1	High	21.77	26.41	
				8	Low	20.62	26.39	
				8	High	20.58	26.32	
				15	Low	20.64	27.16	

OUTPUT POWER FOR LTE BAND 25 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 25	5.0 MHz	26065	1852.5	QPSK	1	Low	22.54	27.71
					1	Mid	22.47	27.63
					1	High	22.32	27.52
					12	Low	21.47	27.02
					12	High	21.34	26.91
					25	Low	21.42	27.53
				16QAM	1	Low	21.56	27.82
					1	Mid	21.43	27.70
					1	High	21.31	27.58
					12	Low	20.43	27.06
					12	High	20.41	27.00
					25	Low	20.51	27.47
	5.0 MHz	26365	1882.5	QPSK	1	Low	22.46	27.58
					1	Mid	22.32	27.46
					1	High	22.22	27.45
					12	Low	21.30	26.78
					12	High	21.26	26.76
					25	Low	21.30	27.28
				16QAM	1	Low	21.62	27.76
					1	Mid	21.47	27.60
					1	High	21.50	27.63
					12	Low	20.29	26.80
					12	High	20.25	26.63
					25	Low	20.38	27.72
	5.0 MHz	26665	1912.5	QPSK	1	Low	22.67	27.09
					1	Mid	22.51	26.53
					1	High	22.51	26.44
12					Low	21.64	26.51	
12					High	21.60	26.34	
25					Low	21.56	27.09	
16QAM				1	Low	21.92	27.11	
				1	Mid	22.00	26.74	
				1	High	21.80	26.42	
				12	Low	20.68	26.42	
				12	High	20.70	26.40	
				25	Low	20.80	27.56	

OUTPUT POWER FOR LTE BAND 25 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 25	10.0 MHz	26090	1855	QPSK	1	Low	22.57	27.85
					1	Mid	22.31	27.58
					1	High	22.57	27.00
					25	Low	21.36	27.10
					25	High	21.40	26.75
					50	Low	21.60	27.68
				16QAM	1	Low	21.80	27.87
					1	Mid	21.96	27.72
					1	High	21.95	27.15
					25	Low	20.45	27.11
					25	High	20.50	26.83
					50	Low	20.46	27.82
	10.0 MHz	26365	1882.5	QPSK	1	Low	22.44	27.48
					1	Mid	22.28	27.52
					1	High	22.50	27.56
					25	Low	21.33	27.11
					25	High	21.36	26.90
					50	Low	21.37	27.45
				16QAM	1	Low	21.40	27.48
					1	Mid	21.24	27.63
					1	High	21.47	27.46
					25	Low	20.43	26.84
					25	High	20.42	26.72
					50	Low	20.36	27.56
	10.0 MHz	26640	1910	QPSK	1	Low	22.72	27.68
					1	Mid	22.52	27.07
					1	High	22.59	26.48
25					Low	21.56	27.07	
25					High	21.74	26.59	
50					Low	21.60	27.23	
16QAM				1	Low	21.84	27.41	
				1	Mid	21.69	26.80	
				1	High	21.92	26.38	
				25	Low	20.66	27.13	
				25	High	20.74	26.58	
				50	Low	20.69	27.54	

OUTPUT POWER FOR LTE BAND 25 (15.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 25	15.0 MHz	26115	1857.5	QPSK	1	Low	22.60	27.79
					1	Mid	22.45	27.23
					1	High	22.35	26.32
					36	Low	21.57	27.11
					36	High	21.54	26.49
					75	Low	21.55	27.51
				16QAM	1	Low	22.26	27.94
					1	Mid	22.16	27.42
					1	High	22.31	26.45
					36	Low	20.66	27.32
					36	High	20.67	26.61
					75	Low	20.60	27.31
	15.0 MHz	26365	1882.5	QPSK	1	Low	22.58	27.50
					1	Mid	22.51	27.73
					1	High	22.54	27.36
					36	Low	21.52	27.05
					36	High	21.64	27.05
					75	Low	21.55	27.64
				16QAM	1	Low	22.03	27.52
					1	Mid	21.96	27.74
					1	High	21.94	27.46
					36	Low	20.50	27.03
					36	High	20.59	26.97
					75	Low	20.51	27.49
	15.0 MHz	26615	1907.5	QPSK	1	Low	22.86	27.59
					1	Mid	22.81	27.73
					1	High	22.80	26.55
36					Low	21.87	27.26	
36					High	21.96	26.96	
75					Low	21.90	27.88	
16QAM				1	Low	22.01	27.40	
				1	Mid	21.99	27.55	
				1	High	21.92	26.49	
				36	Low	20.88	27.38	
				36	High	20.95	26.96	
				75	Low	20.94	27.84	

OUTPUT POWER FOR LTE BAND 25 (20.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 25	20.0 MHz	26140	1860	QPSK	1	Low	22.54	26.65
					1	Mid	22.50	26.99
					1	High	22.15	26.45
					50	Low	21.69	27.27
					50	High	21.36	26.10
					100	Low	21.55	27.62
				16QAM	1	Low	21.88	27.84
					1	Mid	21.83	26.85
					1	High	21.51	26.63
					50	Low	20.49	26.96
					50	High	20.45	26.10
					100	Low	20.50	27.44
	20.0 MHz	26365	1882.5	QPSK	1	Low	22.48	27.22
					1	Mid	22.24	27.51
					1	High	22.98	26.97
					50	Low	21.52	27.07
					50	High	21.45	26.99
					100	Low	21.87	28.25
				16QAM	1	Low	21.95	27.20
					1	Mid	21.99	27.95
					1	High	21.78	26.92
					50	Low	20.57	27.15
					50	High	20.46	26.95
					100	Low	20.50	27.96
	20.0 MHz	26590	1905	QPSK	1	Low	22.87	27.30
					1	Mid	22.85	27.82
					1	High	22.91	26.64
50					Low	21.88	27.29	
50					High	21.78	27.01	
100					Low	21.82	28.16	
16QAM				1	Low	21.89	27.27	
				1	Mid	22.00	27.93	
				1	High	21.72	26.53	
				50	Low	20.90	27.31	
				50	High	20.82	27.07	
				100	Low	20.87	28.11	

4.10 LTE BAND 26

OUTPUT POWER FOR LTE BAND 26 (1.4MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 26	1.4MHz	26697	814.7	QPSK	1	Low	23.11	26.60
					1	Mid	23.17	26.52
					1	High	22.98	26.44
					3	Low	23.00	26.75
					3	High	23.07	26.86
					6	Low	22.10	27.27
				16QAM	1	Low	22.16	26.51
					1	Mid	22.17	26.52
					1	High	21.96	26.36
					3	Low	22.13	26.84
					3	High	22.17	26.70
					6	Low	21.08	27.32
	1.4MHz	26740	819.0	QPSK	1	Low	22.79	26.31
					1	Mid	22.79	26.19
					1	High	22.79	26.27
					3	Low	22.87	26.68
					3	High	22.84	26.67
					6	Low	21.90	27.06
				16QAM	1	Low	21.97	26.28
					1	Mid	22.02	26.19
					1	High	22.01	26.28
					3	Low	21.83	26.54
					3	High	21.81	26.51
					6	Low	21.00	27.00
	1.4MHz	26783	823.3	QPSK	1	Low	23.09	26.37
					1	Mid	23.28	26.49
					1	High	23.27	26.60
3					Low	23.20	26.97	
3					High	23.25	26.90	
6					Low	22.19	27.40	
16QAM				1	Low	22.13	26.29	
				1	Mid	22.31	26.49	
				1	High	22.27	26.46	
				3	Low	22.50	26.86	
				3	High	22.42	26.81	
				6	Low	21.15	27.20	

OUTPUT POWER FOR LTE BAND 26 (3.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 26	3.0 MHz	26705	815.5	QPSK	1	Low	23.21	26.70
					1	Mid	23.13	26.40
					1	High	22.99	26.45
					8	Low	22.18	27.01
					8	High	22.17	26.97
					15	Low	22.17	27.68
				16QAM	1	Low	22.37	26.56
					1	Mid	22.35	26.46
					1	High	22.38	26.51
					8	Low	21.42	27.00
					8	High	21.32	26.88
					15	Low	21.28	27.39
	3.0 MHz	26740	819.0	QPSK	1	Low	22.94	26.58
					1	Mid	23.01	26.33
					1	High	22.99	26.45
					8	Low	22.05	26.94
					8	High	21.95	26.85
					15	Low	21.98	27.97
				16QAM	1	Low	21.98	26.51
					1	Mid	22.02	26.35
					1	High	22.06	26.46
					8	Low	21.09	26.74
					8	High	21.07	26.70
					15	Low	21.09	27.39
	3.0 MHz	26775	822.5	QPSK	1	Low	23.18	26.46
					1	Mid	23.19	26.29
					1	High	23.26	26.59
8					Low	22.37	27.07	
8					High	22.38	27.08	
15					Low	22.40	27.64	
16QAM				1	Low	22.28	26.36	
				1	Mid	22.32	26.20	
				1	High	22.44	26.54	
				8	Low	21.34	26.70	
				8	High	21.36	26.76	
				15	Low	21.32	27.55	

OUTPUT POWER FOR LTE BAND 26 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 26	5.0 MHz	26715	816.5	QPSK	1	Low	23.21	26.69
					1	Mid	23.08	26.38
					1	High	22.89	26.35
					12	Low	22.11	26.87
					12	High	22.06	26.74
					25	Low	22.10	27.54
				16QAM	1	Low	22.15	26.56
					1	Mid	21.93	26.33
					1	High	21.86	26.31
					12	Low	21.22	26.95
					12	High	21.14	26.78
					25	Low	21.15	27.18
	5.0 MHz	26740	819.0	QPSK	1	Low	22.89	26.42
					1	Mid	22.90	26.23
					1	High	22.84	26.28
					12	Low	22.02	26.83
					12	High	22.04	26.87
					25	Low	22.01	27.59
				16QAM	1	Low	22.01	26.44
					1	Mid	22.14	26.36
					1	High	21.96	26.23
					12	Low	21.10	26.81
					12	High	21.09	26.74
					25	Low	21.09	27.40
	5.0 MHz	26765	821.5	QPSK	1	Low	23.21	26.51
					1	Mid	23.26	26.46
					1	High	23.21	26.50
12					Low	22.28	26.93	
12					High	22.33	26.83	
25					Low	22.37	27.73	
16QAM				1	Low	22.48	26.59	
				1	Mid	22.49	26.32	
				1	High	22.47	26.47	
				12	Low	21.37	26.84	
				12	High	21.44	26.74	
				25	Low	21.40	27.30	

OUTPUT POWER FOR LTE BAND 26 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 26	10.0 MHz	26740	819.0	QPSK	1	Low	23.28	26.77
					1	Mid	22.85	26.33
					1	High	22.99	26.59
					25	Low	22.02	26.91
					25	High	21.94	26.82
					50	Low	21.96	27.95
				16QAM	1	Low	22.33	26.65
					1	Mid	22.42	26.30
					1	High	22.34	26.60
					25	Low	21.13	26.82
					25	High	20.97	26.80
					50	Low	21.07	27.29

4.11 LTE BAND 41

OUTPUT POWER FOR LTE BAND 41 (5.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 41	5.0 MHz	40040	2535.0	QPSK	1	Low	23.52	27.83
					1	Mid	23.43	27.62
					1	High	23.41	27.62
					12	Low	22.43	27.18
					12	High	22.22	27.00
					25	Low	22.15	27.72
				16QAM	1	Low	22.50	27.84
					1	Mid	22.47	27.41
					1	High	22.36	27.29
					12	Low	21.44	26.94
					12	High	21.25	26.79
					25	Low	21.39	27.79
	5.0 MHz	40620	2593.0	QPSK	1	Low	23.14	28.21
					1	Mid	23.41	28.16
					1	High	23.29	28.15
					12	Low	21.91	27.01
					12	High	22.30	27.45
					25	Low	22.31	28.12
				16QAM	1	Low	22.02	27.76
					1	Mid	22.51	28.15
					1	High	22.26	28.02
					12	Low	20.89	27.00
					12	High	20.88	26.98
					25	Low	20.92	27.64
	5.0 MHz	41240	2655.0	QPSK	1	Low	22.91	27.56
					1	Mid	22.81	27.39
					1	High	22.80	27.39
12					Low	21.87	27.06	
12					High	21.85	26.94	
25					Low	21.97	27.63	
16QAM				1	Low	22.13	27.64	
				1	Mid	22.35	27.71	
				1	High	21.97	27.50	
				12	Low	21.19	27.08	
				12	High	20.83	26.69	
				25	Low	20.84	27.56	

OUTPUT POWER FOR LTE BAND 41 (10.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 41	10.0 MHz	40065	2537.5	QPSK	1	Low	23.56	27.93
					1	Mid	23.15	27.16
					1	High	23.40	27.33
					25	Low	22.24	26.96
					25	High	22.41	27.04
					50	Low	22.20	28.10
				16QAM	1	Low	22.42	27.89
					1	Mid	22.21	27.22
					1	High	22.58	27.50
					25	Low	21.36	27.29
					25	High	21.20	27.06
					50	Low	21.24	27.88
	10.0 MHz	40620	2593.0	QPSK	1	Low	23.12	27.93
					1	Mid	22.98	27.71
					1	High	23.15	27.93
					25	Low	21.92	27.22
					25	High	21.98	27.30
					50	Low	22.03	28.09
				16QAM	1	Low	22.33	27.83
					1	Mid	22.60	28.05
					1	High	22.49	27.94
					25	Low	20.93	27.20
					25	High	21.36	27.53
					50	Low	21.04	27.83
	10.0 MHz	41215	2652.5	QPSK	1	Low	23.09	27.76
					1	Mid	22.89	27.60
					1	High	22.96	27.60
25					Low	21.88	27.09	
25					High	21.95	27.14	
50					Low	21.81	28.00	
16QAM				1	Low	22.10	27.63	
				1	Mid	22.17	27.63	
				1	High	22.01	27.44	
				25	Low	21.25	27.22	
				25	High	20.91	26.97	
				50	Low	20.91	27.63	

OUTPUT POWER FOR LTE BAND 41 (15.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 41	15.0 MHz	40090	2540.0	QPSK	1	Low	23.31	27.72
					1	Mid	23.02	27.05
					1	High	23.29	27.44
					36	Low	22.39	27.30
					36	High	22.27	27.04
					75	Low	22.18	27.64
				16QAM	1	Low	22.23	27.35
					1	Mid	22.06	26.99
					1	High	22.60	27.40
					36	Low	21.25	26.99
					36	High	21.21	26.81
					75	Low	21.13	27.61
	15.0 MHz	40620	2593.0	QPSK	1	Low	23.12	27.57
					1	Mid	23.10	27.90
					1	High	23.11	27.50
					36	Low	22.51	27.81
					36	High	22.41	27.76
					75	Low	22.36	28.34
				16QAM	1	Low	22.09	27.89
					1	Mid	21.98	27.80
					1	High	22.54	28.12
					36	Low	21.55	27.63
					36	High	21.29	27.48
					75	Low	21.50	28.12
	15.0 MHz	41190	2650.0	QPSK	1	Low	23.16	27.48
					1	Mid	22.71	27.61
					1	High	23.16	27.62
36					Low	22.13	27.39	
36					High	21.97	27.19	
75					Low	22.28	28.13	
16QAM				1	Low	21.92	27.39	
				1	Mid	21.57	27.40	
				1	High	21.96	27.53	
				36	Low	21.37	27.43	
				36	High	20.97	27.05	
				75	Low	21.07	27.71	

OUTPUT POWER FOR LTE BAND 41 (20.0MHZ)

Band	Band Width	Channel	Frequency (MHz)	Modulation	RB Configuration		Average Power(dBm)	Peak Power(dBm)
					RB Size	RB Offset		
Band 41	20.0 MHz	40115	2542.5	QPSK	1	Low	23.08	27.42
					1	Mid	23.19	27.13
					1	High	23.32	27.33
					50	Low	22.20	27.02
					50	High	22.21	26.88
					100	Low	22.29	27.76
				16QAM	1	Low	22.10	27.17
					1	Mid	22.26	27.00
					1	High	22.32	27.18
					50	Low	21.24	26.95
					50	High	21.31	26.95
					100	Low	21.30	27.78
	20.0 MHz	40620	2593.0	QPSK	1	Low	23.98	27.86
					1	Mid	23.95	27.95
					1	High	23.91	27.69
					50	Low	22.93	27.31
					50	High	22.99	27.52
					100	Low	22.21	0.00
				16QAM	1	Low	22.29	28.14
					1	Mid	22.01	27.71
					1	High	22.20	27.82
					50	Low	21.39	27.59
					50	High	21.13	27.30
					100	Low	21.10	0.00
	20.0 MHz	41165	2647.5	QPSK	1	Low	22.79	27.07
					1	Mid	22.67	27.52
					1	High	23.11	27.72
50					Low	22.10	27.09	
50					High	22.25	27.36	
100					Low	22.03	28.23	
16QAM				1	Low	22.04	26.95	
				1	Mid	21.84	27.53	
				1	High	22.02	27.66	
				50	Low	21.10	27.10	
				50	High	21.17	27.17	
				100	Low	21.34	28.34	

5. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

For reporting purposes only

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the low, middle and high channel in each band. The -26dB bandwidth was also measured and recorded.

MODES TESTED

- LTE Band 2
- LTE Band 4
- LTE Band 5
- LTE Band 7
- LTE Band 12
- LTE Band 13
- LTE Band 14
- LTE Band 25
- LTE Band 26
- LTE Band 41

RESULTS

PASS

Test results:

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 2	1.4MHz BW QPSK	6/0	1880.0	1.09	1.50
	1.4MHz BW 16QAM	6/0	1880.0	1.09	1.51
	3.0MHz BW QPSK	15/0	1880.0	2.69	2.96
	3.0MHz BW 16QAM	15/0	1880.0	2.69	2.97
	5.0MHz BW QPSK	25/0	1880.0	4.49	4.87
	5.0MHz BW 16QAM	25/0	1880.0	4.49	4.84
	10.0MHz BW QPSK	50/0	1880.0	8.97	9.56
	10.0MHz BW 16QAM	50/0	1880.0	8.96	9.53
	15.0MHz BW QPSK	75/0	1880.0	13.45	14.26
	15.0MHz BW 16QAM	75/0	1880.0	13.45	14.24
	20.0MHz BW QPSK	100/0	1880.0	17.97	19.03
	20.0MHz BW 16QAM	100/0	1880.0	17.96	19.02

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 4	1.4MHz BW QPSK	6/0	1732.5	1.09	1.27
	1.4MHz BW 16QAM	6/0	1732.5	1.09	1.28
	3.0MHz BW QPSK	15/0	1732.5	2.69	2.92
	3.0MHz BW 16QAM	15/0	1732.5	2.69	2.93
	5.0MHz BW QPSK	25/0	1732.5	4.49	4.86
	5.0MHz BW 16QAM	25/0	1732.5	4.49	4.83
	10.0MHz BW QPSK	50/0	1732.5	8.96	9.54
	10.0MHz BW 16QAM	50/0	1732.5	8.95	9.51
	15.0MHz BW QPSK	75/0	1732.5	13.44	14.24
	15.0MHz BW 16QAM	75/0	1732.5	13.44	14.24
	20.0MHz BW QPSK	100/0	1732.5	17.93	19.01
	20.0MHz BW 16QAM	100/0	1732.5	17.93	19.02

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 5	1.4MHz BW QPSK	6/0	836.5	1.09	1.26
	1.4MHz BW 16QAM	6/0	836.5	1.09	1.27
	3.0MHz BW QPSK	15/0	836.5	2.69	2.91
	3.0MHz BW 16QAM	15/0	836.5	2.69	2.92
	5.0MHz BW QPSK	25/0	836.5	4.49	4.83
	5.0MHz BW 16QAM	25/0	836.5	4.48	4.81
	10.0MHz BW QPSK	50/0	836.5	8.95	9.52
	10.0MHz BW 16QAM	50/0	836.5	8.94	9.50

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 7	5.0MHz BW QPSK	25/0	2535.0	4.49	4.84
	5.0MHz BW 16QAM	25/0	2535.0	4.49	4.81
	10.0MHz BW QPSK	50/0	2535.0	8.97	9.53
	10.0MHz BW 16QAM	50/0	2535.0	8.96	9.53
	15.0MHz BW QPSK	75/0	2535.0	13.46	14.27
	15.0MHz BW 16QAM	75/0	2535.0	13.46	14.25
	20.0MHz BW QPSK	100/0	2535.0	17.97	19.05
	20.0MHz BW 16QAM	100/0	2535.0	17.97	19.04

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 12	1.4MHz BAND QPSK	6/0	707.5	1.09	1.26
	1.4MHz BAND 16QAM	6/0	707.5	1.09	1.26
	3.0MHz BAND QPSK	15/0	707.5	2.69	2.91
	3.0MHz BAND 16QAM	15/0	707.5	2.69	2.91
	5.0MHz BAND QPSK	25/0	707.5	4.49	4.84
	5.0MHz BAND 16QAM	25/0	707.5	4.49	4.80
	10.0MHz BAND QPSK	50/0	707.5	8.97	9.53
	10.0MHz BAND 16QAM	50/0	707.5	8.96	9.52

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 13	5.0MHz BAND QPSK	25/0	782.0	4.49	4.83
	5.0MHz BAND 16QAM	25/0	782.0	4.48	4.79
	10.0MHz BAND QPSK	50/0	782.0	8.95	9.52
	10.0MHz BAND 16QAM	50/0	782.0	8.95	9.50

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 14	5.0MHz BAND QPSK	25/0	793.0	4.49	4.83
	5.0MHz BAND 16QAM	25/0	793.0	4.48	4.80
	10.0MHz BAND QPSK	50/0	793.0	8.96	9.51
	10.0MHz BAND 16QAM	50/0	793.0	8.95	9.50

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 25	1.4MHz BW QPSK	6/0	1882.5	1.09	1.51
	1.4MHz BW 16QAM	6/0	1882.5	1.09	1.50
	3.0MHz BW QPSK	15/0	1882.5	2.70	2.97
	3.0MHz BW 16QAM	15/0	1882.5	2.70	2.98
	5.0MHz BW QPSK	25/0	1882.5	4.49	4.89
	5.0MHz BW 16QAM	25/0	1882.5	4.49	4.85
	10.0MHz BW QPSK	50/0	1882.5	8.96	9.55
	10.0MHz BW 16QAM	50/0	1882.5	8.96	9.53
	15.0MHz BW QPSK	75/0	1882.5	13.45	14.27
	15.0MHz BW 16QAM	75/0	1882.5	13.45	14.25
	20.0MHz BW QPSK	100/0	1882.5	17.96	19.03
	20.0MHz BW 16QAM	100/0	1882.5	17.96	19.04

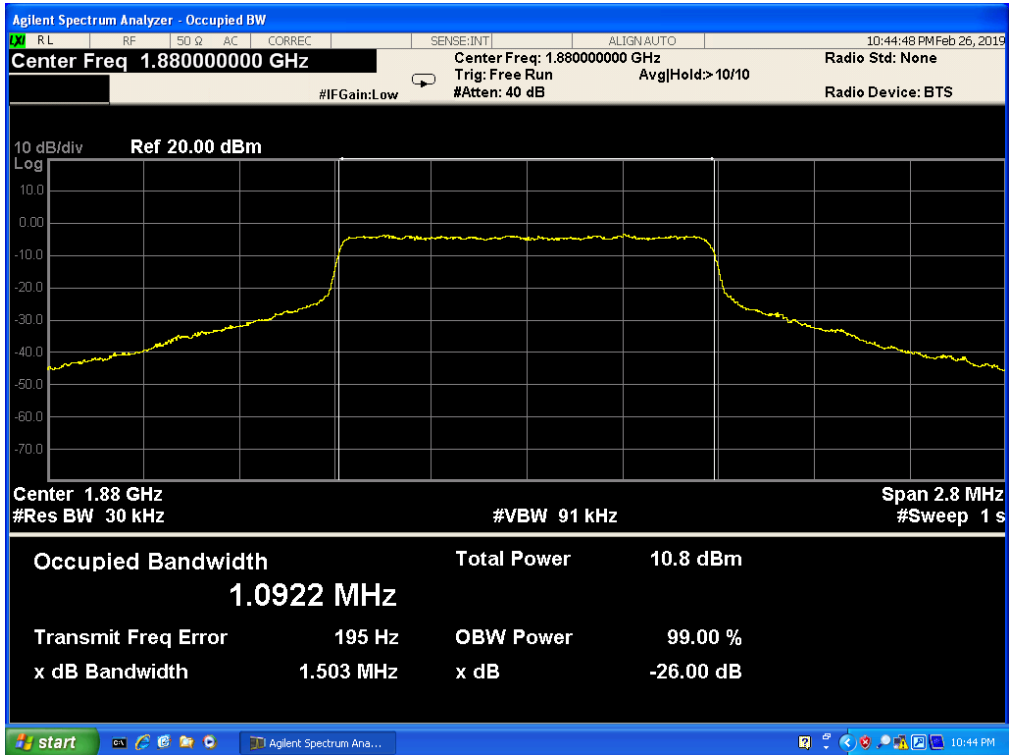
Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 26	1.4MHz BW QPSK	6/0	814.7	1.09	1.25
	1.4MHz BW 16QAM	6/0	814.7	1.08	1.25
	3.0MHz BW QPSK	15/0	815.5	2.69	2.91
	3.0MHz BW 16QAM	15/0	815.5	2.69	2.91
	5.0MHz BW QPSK	25/0	816.5	4.49	4.84
	5.0MHz BW 16QAM	25/0	816.5	4.48	4.81
	10.0MHz BW QPSK	50/0	819.0	8.95	9.53
	10.0MHz BW 16QAM	50/0	819.0	8.95	9.51

Band	Mode	RB Size/RB Offset	Frequency (MHz)	99% Occupied Bandwidth (MHz)	-26dBc Occupied Bandwidth (MHz)
LTE Band 41	5.0MHz BW QPSK	25/0	2593.0	4.48	4.84
	5.0MHz BW 16QAM	25/0	2593.0	4.49	4.80
	10.0MHz BW QPSK	50/0	2593.0	8.95	9.51
	10.0MHz BW 16QAM	50/0	2593.0	8.96	9.51
	15.0MHz BW QPSK	75/0	2593.0	13.44	14.26
	15.0MHz BW 16QAM	75/0	2593.0	13.45	14.23
	20.0MHz BW QPSK	100/0	2593.0	17.95	19.03
	20.0MHz BW 16QAM	100/0	2593.0	17.95	19.02

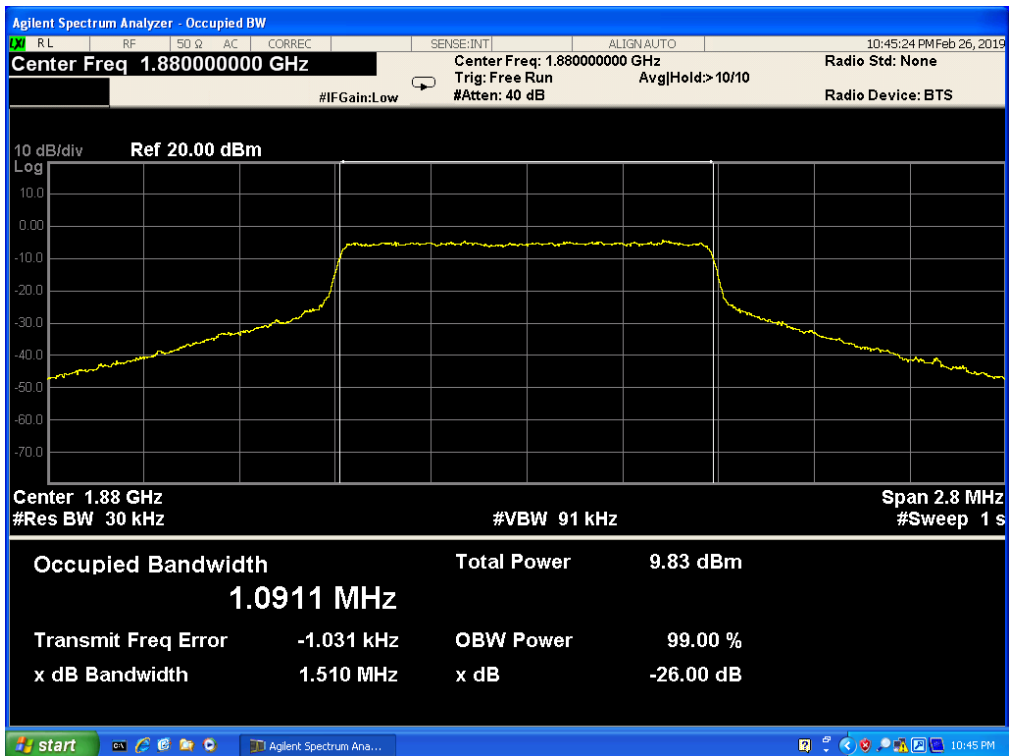
Note: This test was only measured at maximum RB allocation and at CENTER of band for each LTE BW

5.1 LTE BAND 2

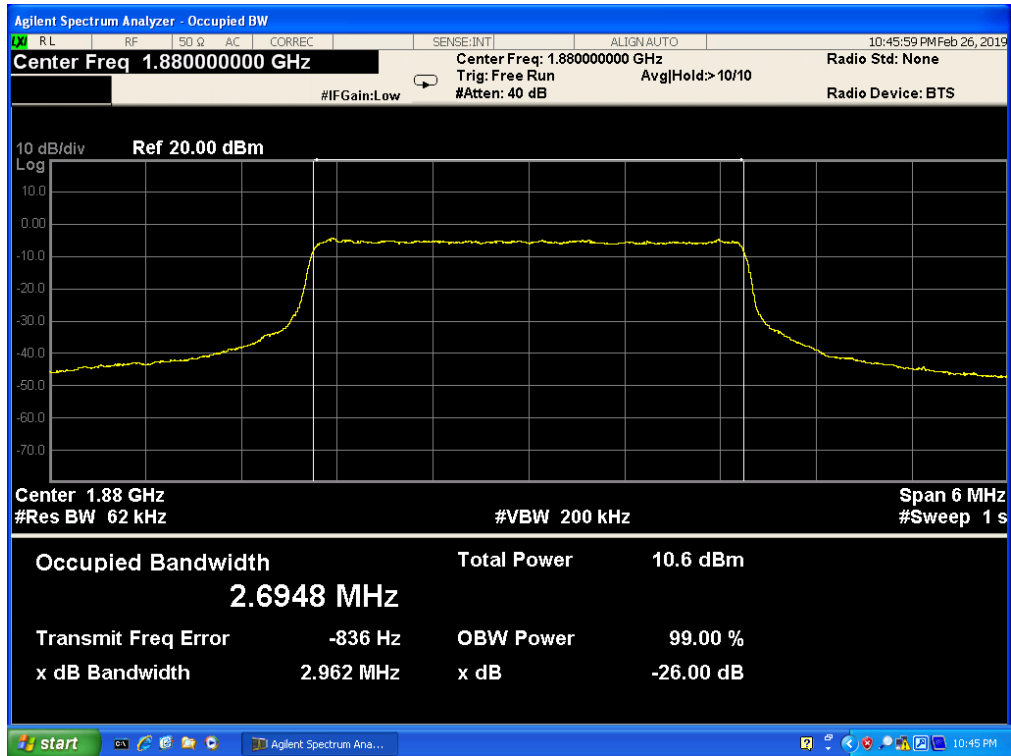
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 1.4, NO. RB 6, RB POS. Low, QPSK



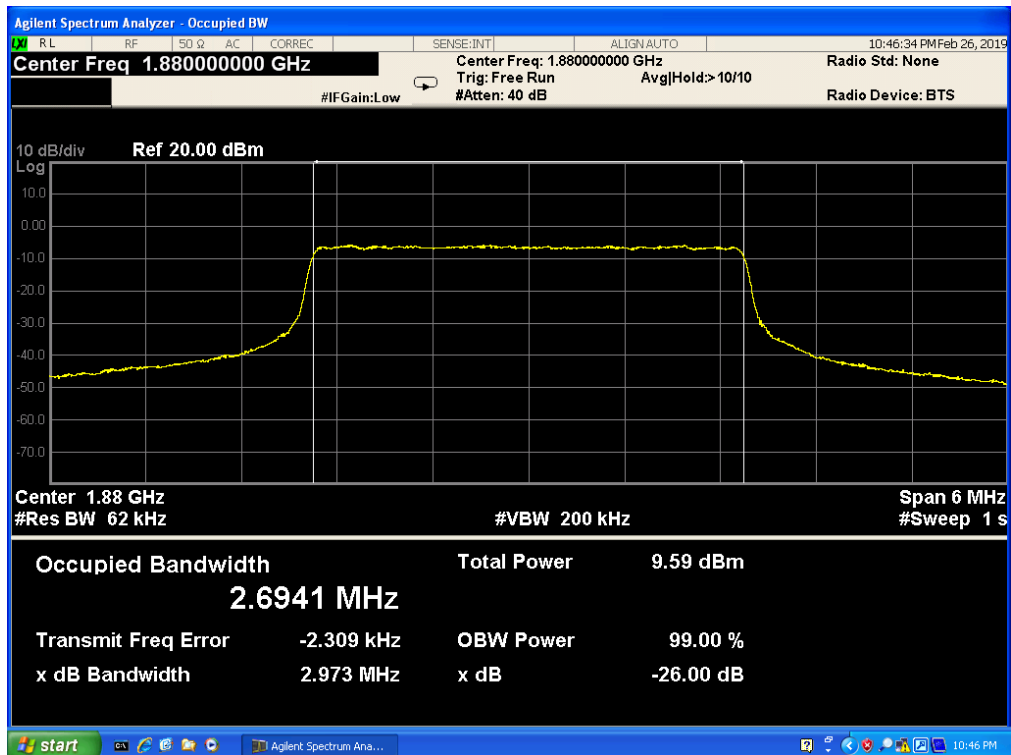
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 1.4, NO. RB 6, RB POS. Low, 16-QAM



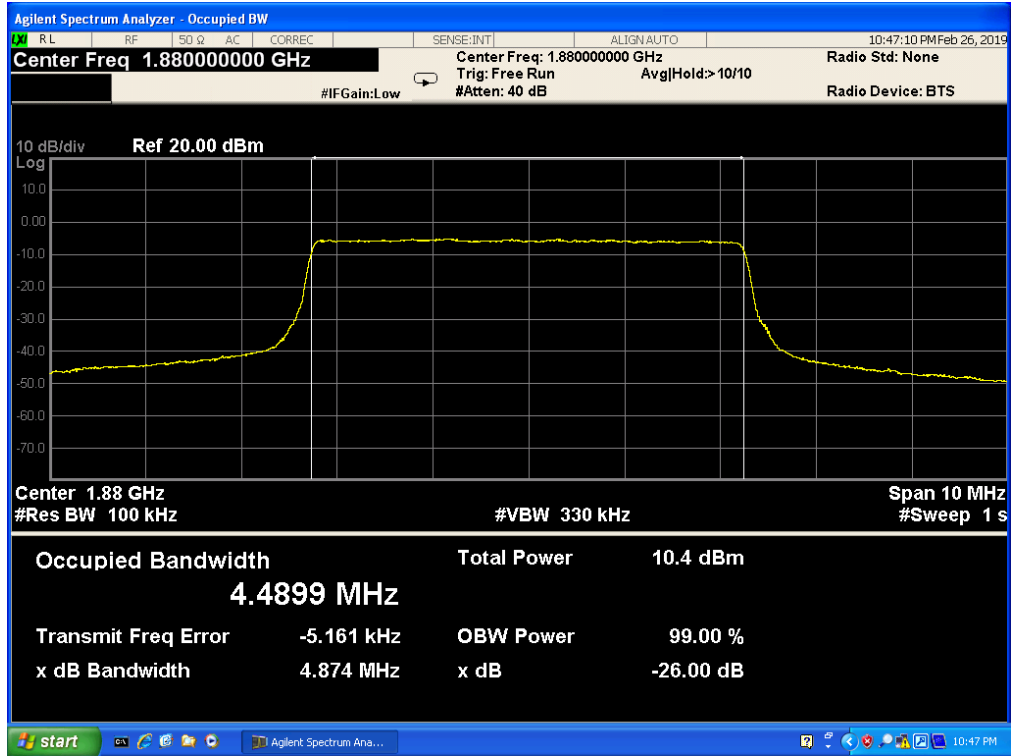
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 3.0, NO. RB 15, RB POS. Low, QPSK



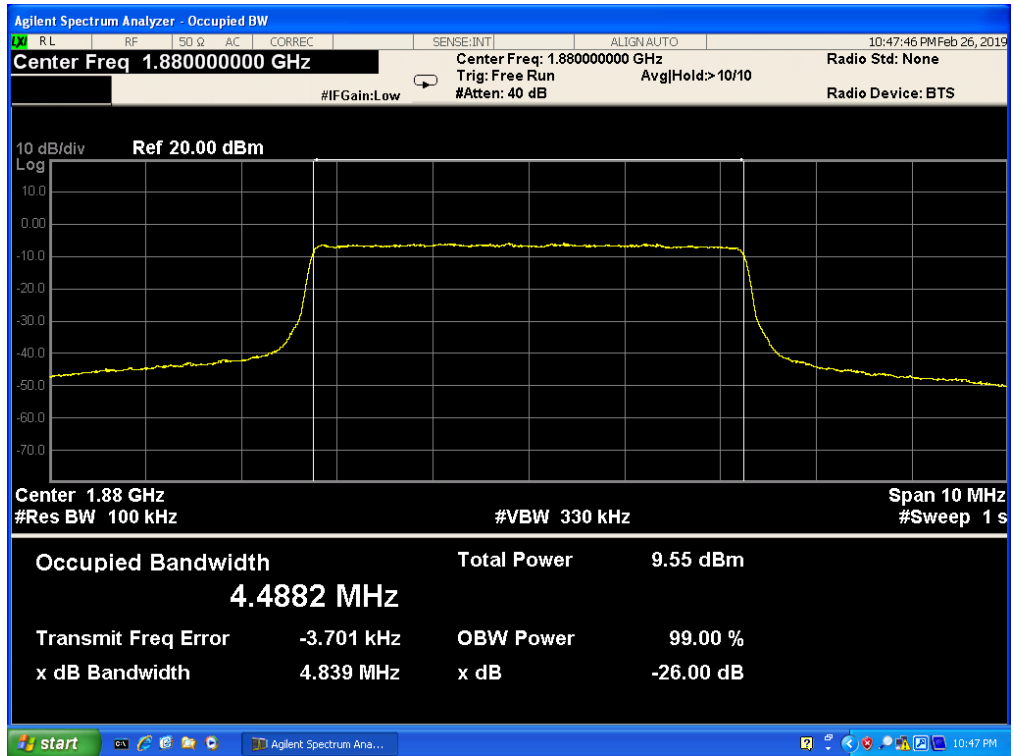
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 3.0, NO. RB 15, RB POS. Low, 16-QAM



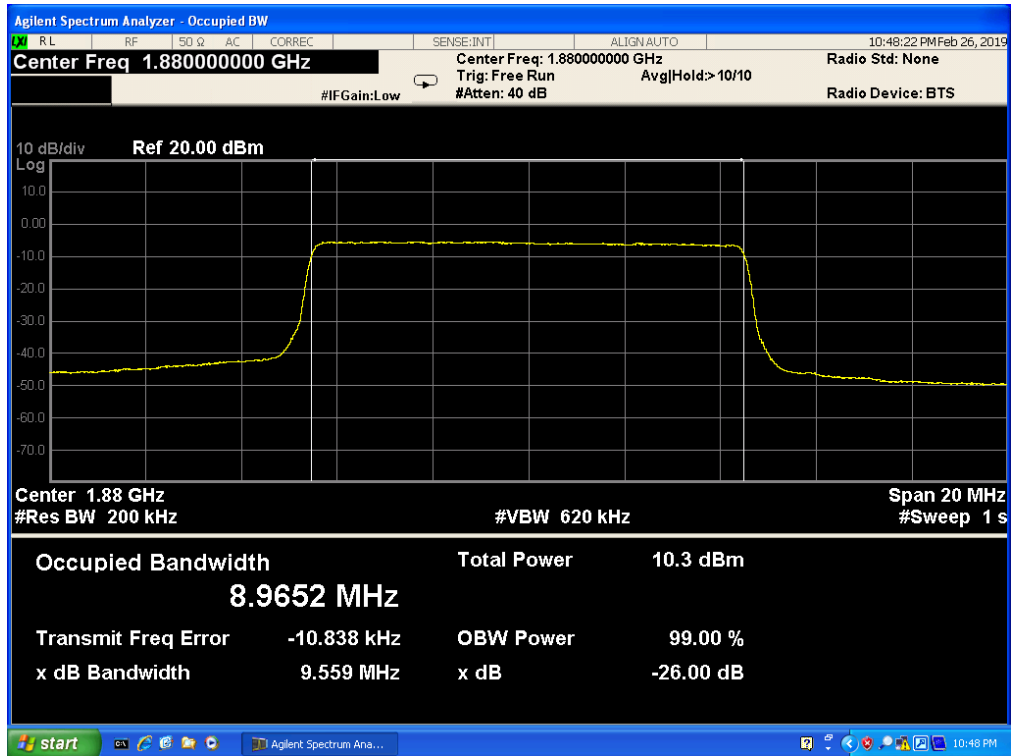
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 5.0, NO. RB 25, RB POS. Low, QPSK



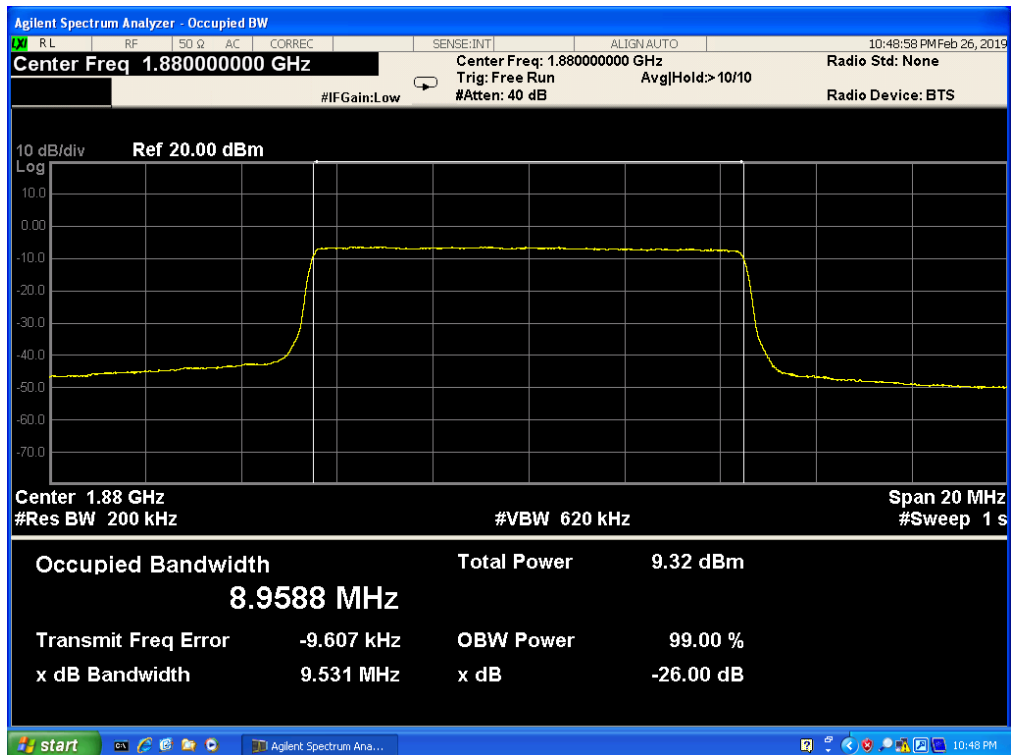
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



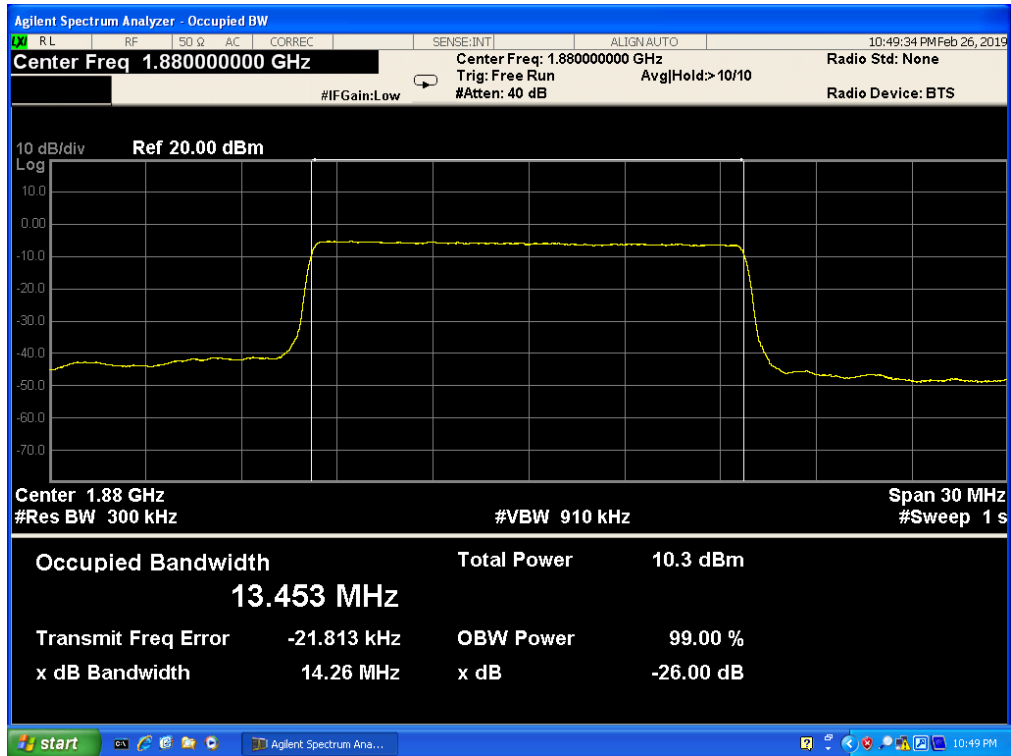
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK



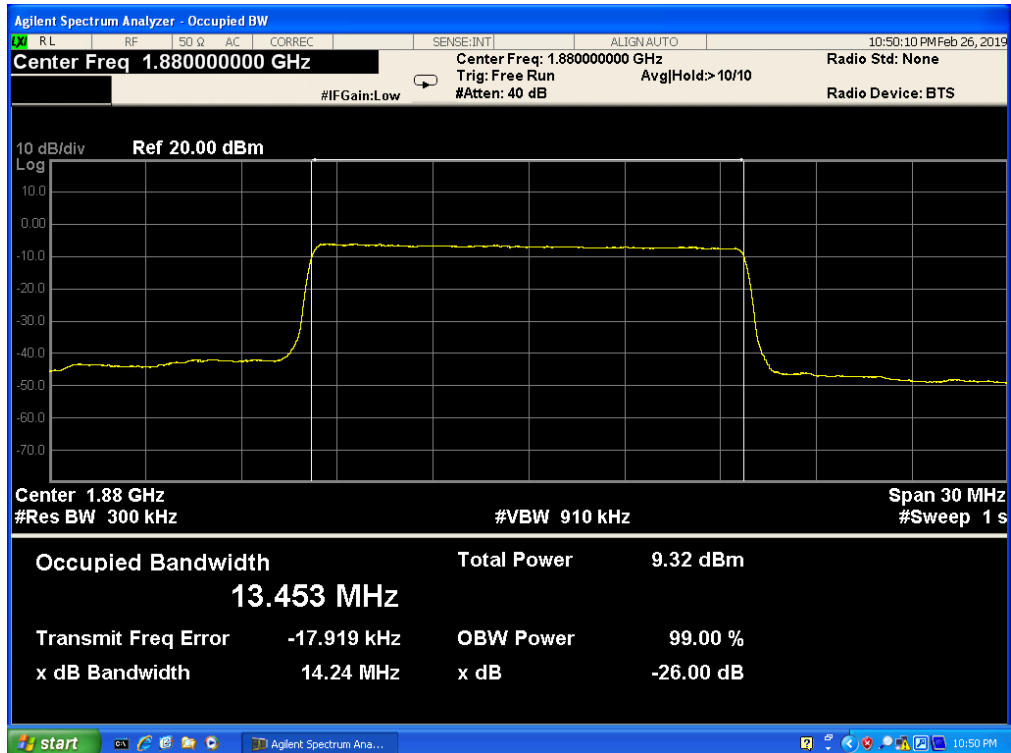
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM



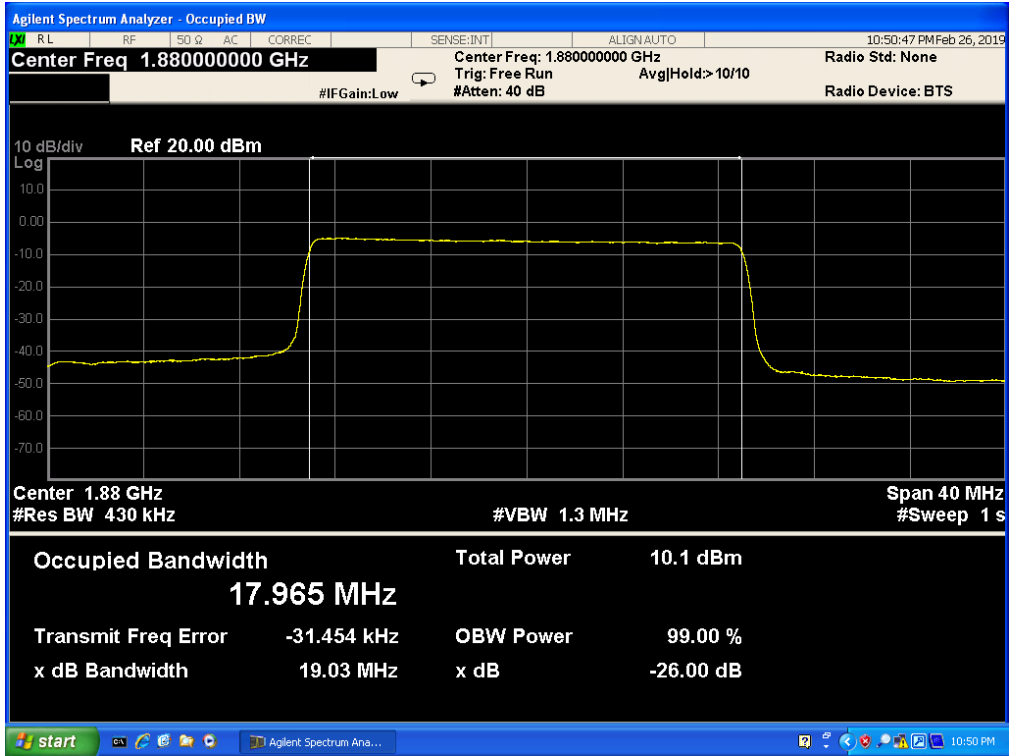
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 15.0, NO. RB 75, RB POS. Low, QPSK



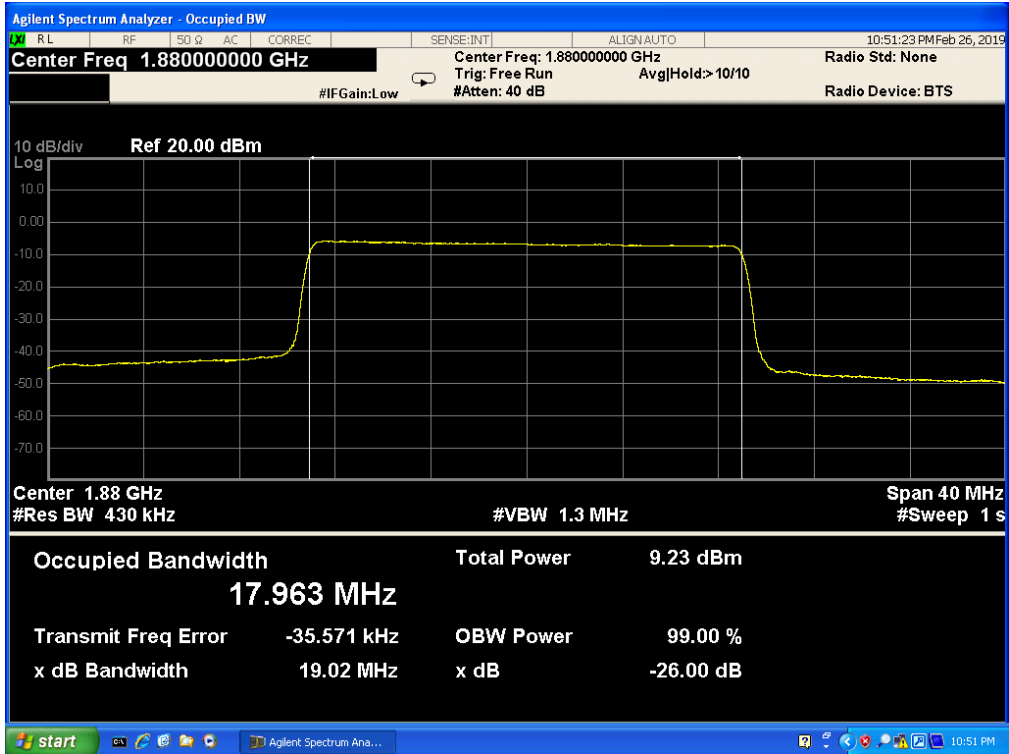
Band 2, UL Channel 18900, UL Frequency 1880.0, BW 15.0, NO. RB 75, RB POS. Low, 16-QAM



Band 2, UL Channel 18900, UL Frequency 1880.0, BW 20.0, NO. RB 100, RB POS. Low, QPSK

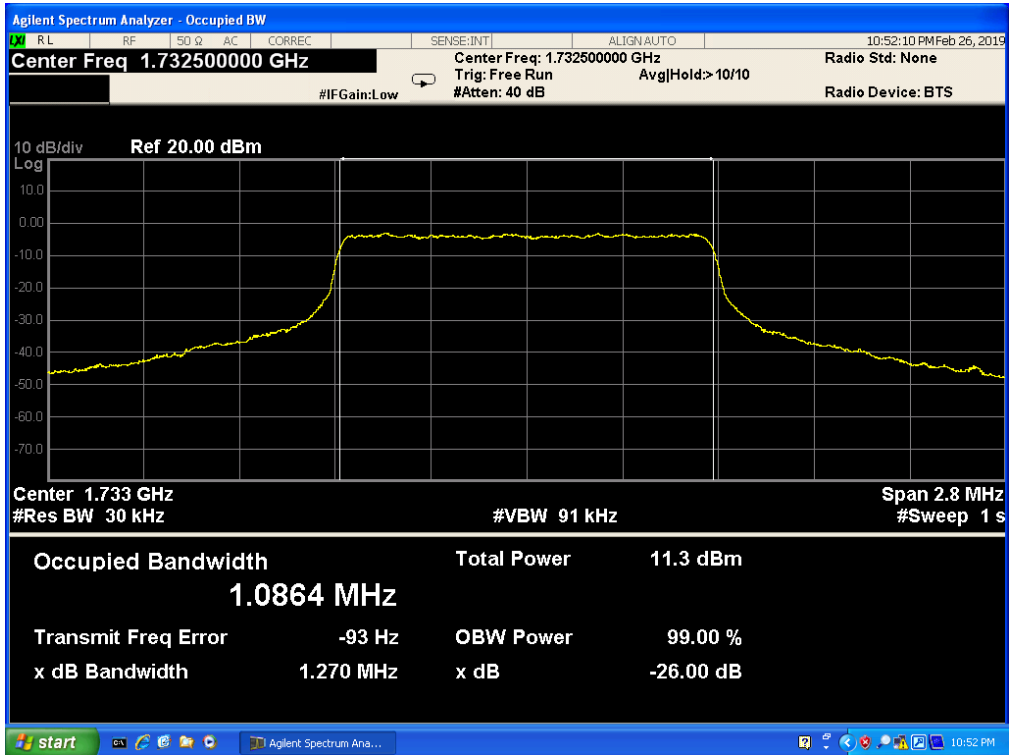


Band 2, UL Channel 18900, UL Frequency 1880.0, BW 20.0, NO. RB 100, RB POS. Low, 16-QAM

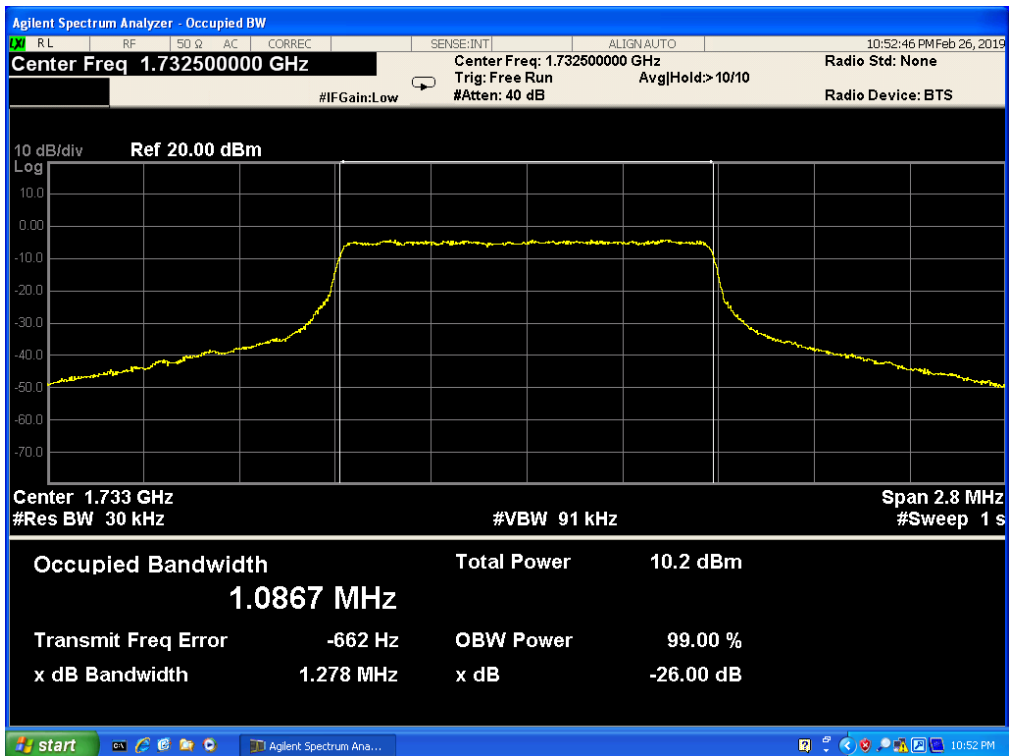


5.2 LTE BAND 4

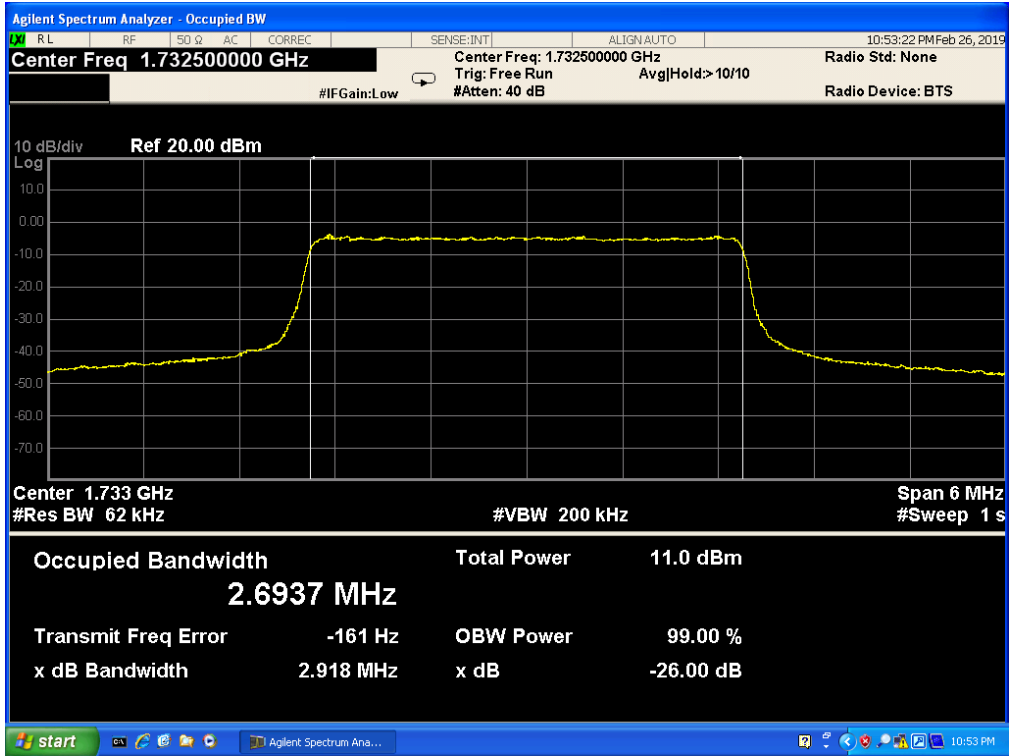
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 1.4, NO. RB 6, RB POS. Low, QPSK



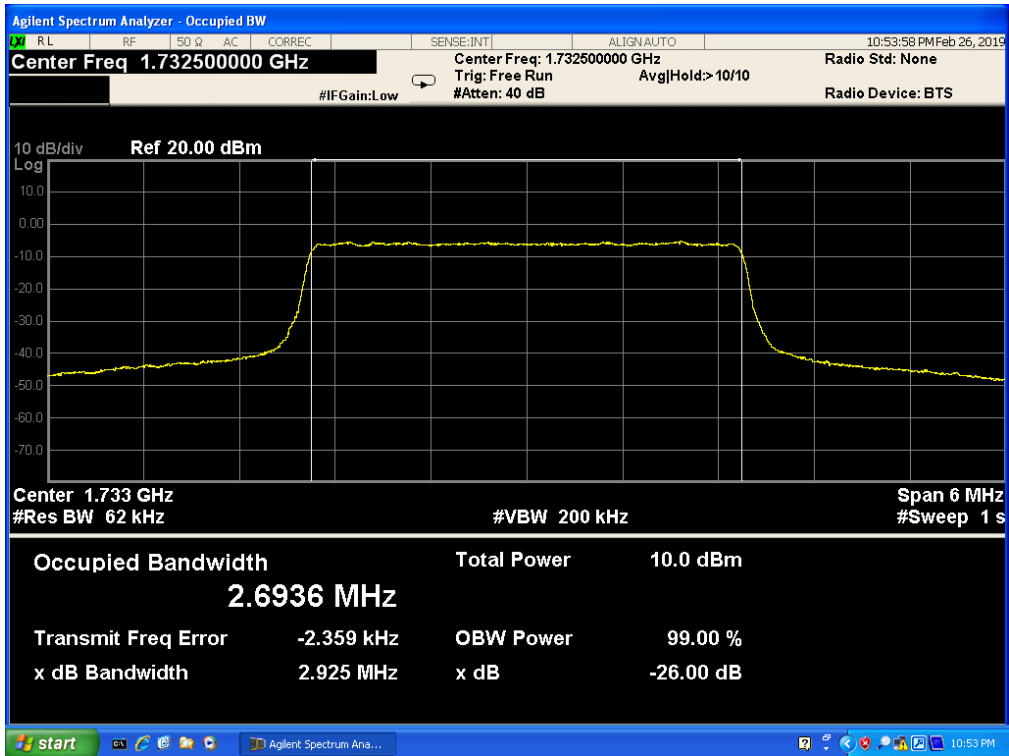
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 1.4, NO. RB 6, RB POS. Low, 16-QAM



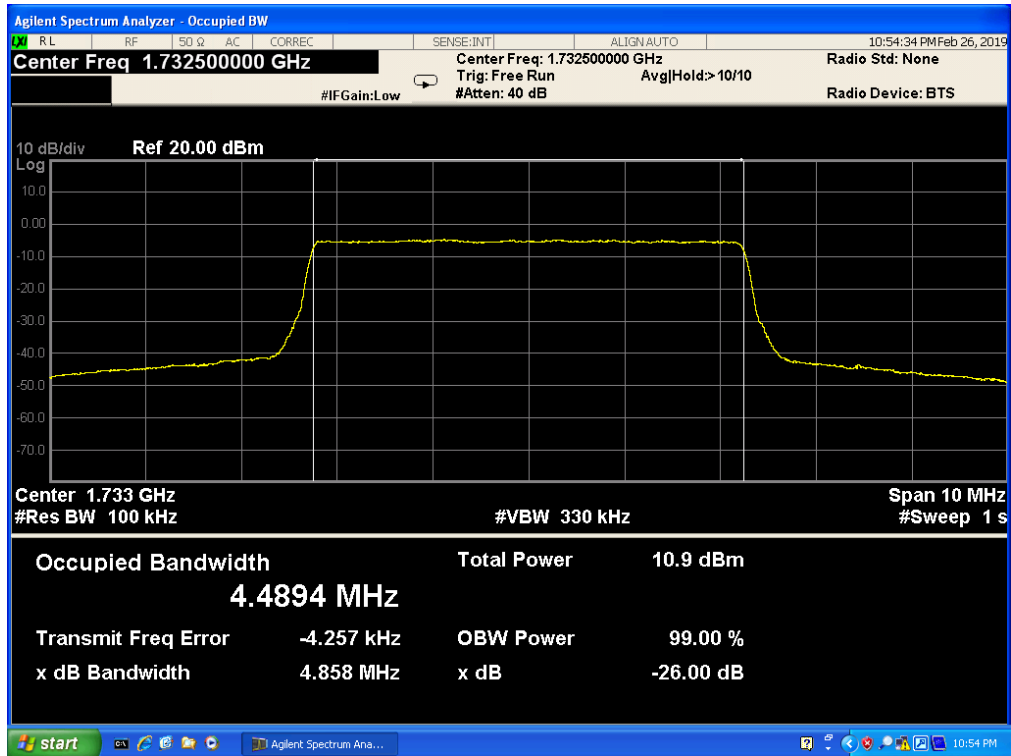
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 3.0, NO. RB 15, RB POS. Low, QPSK



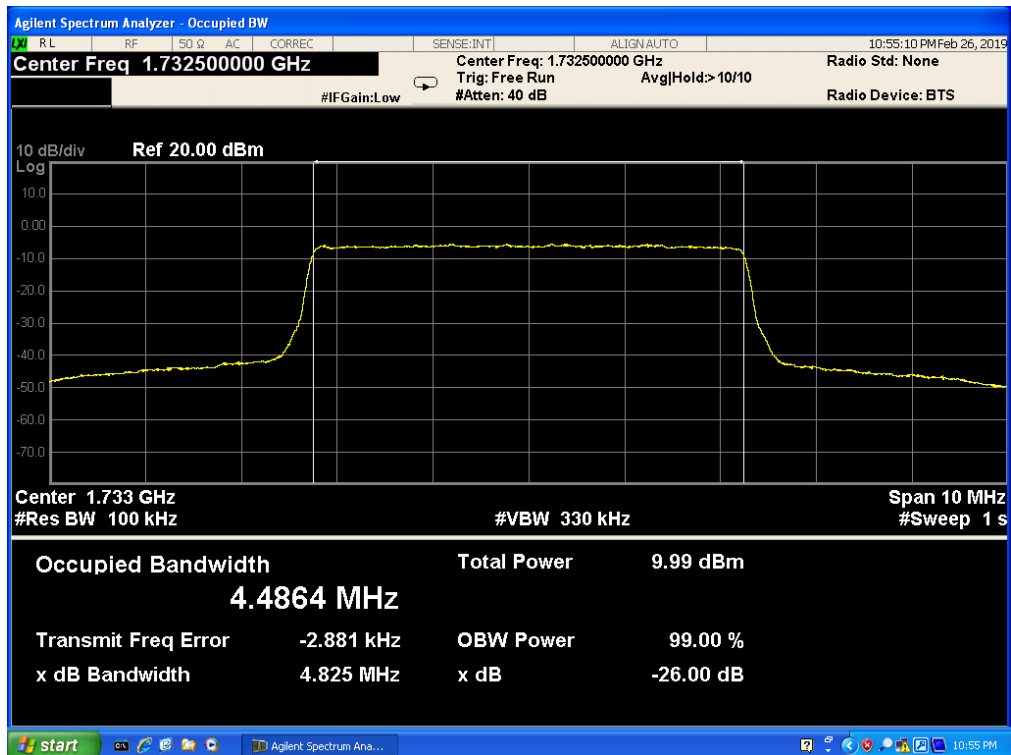
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 3.0, NO. RB 15, RB POS. Low, 16-QAM



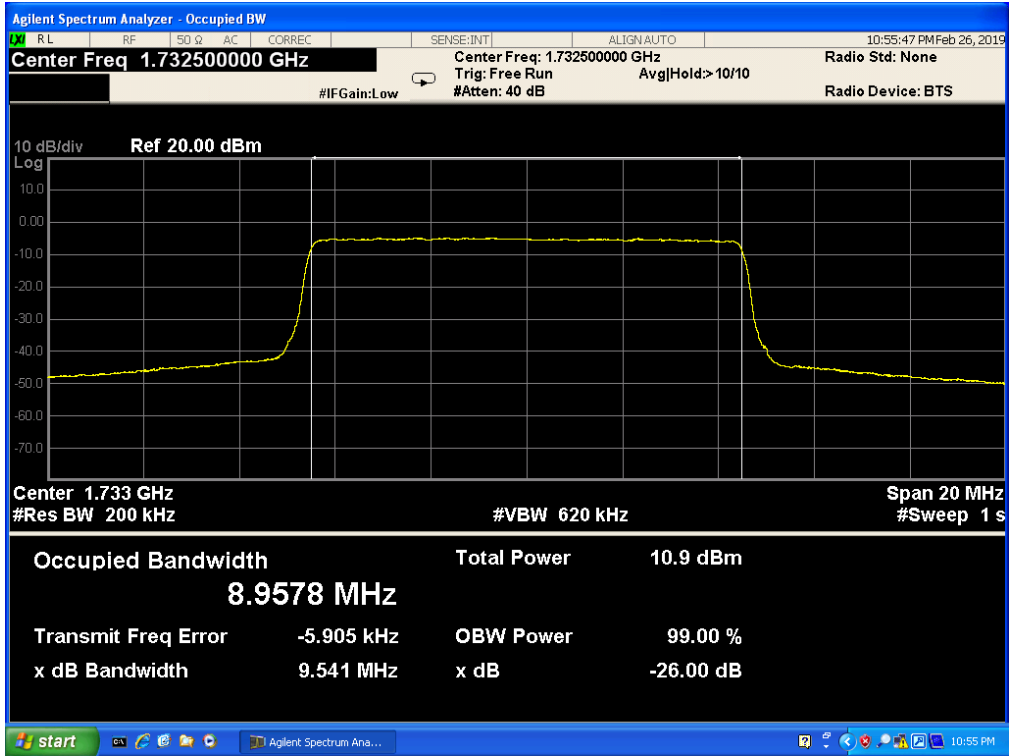
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



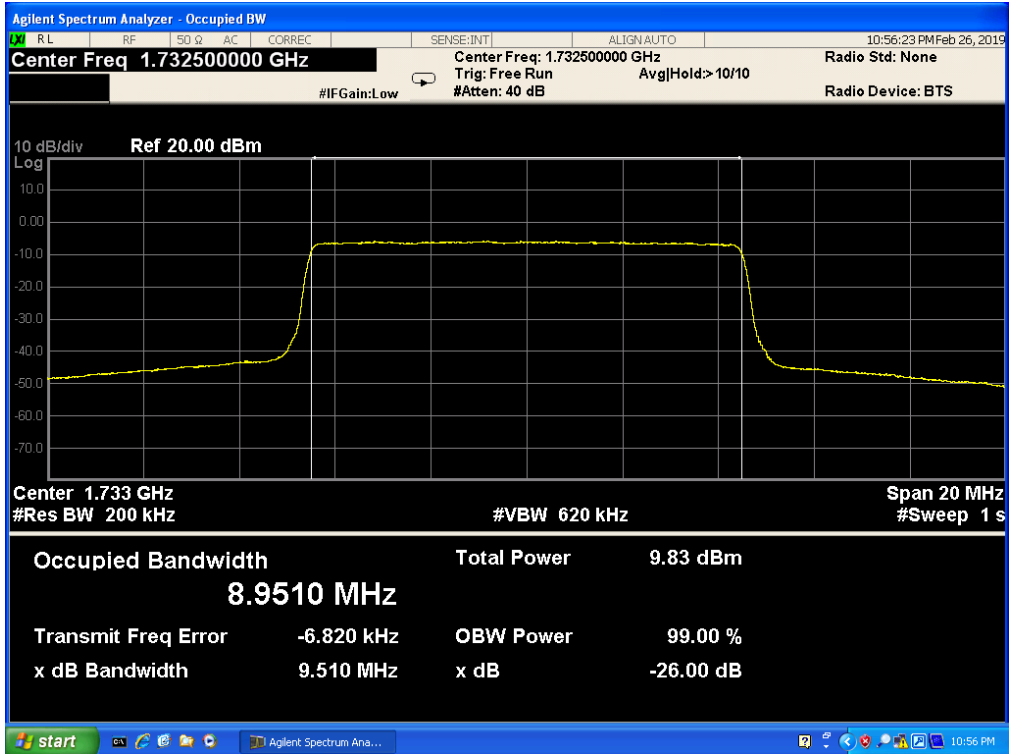
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



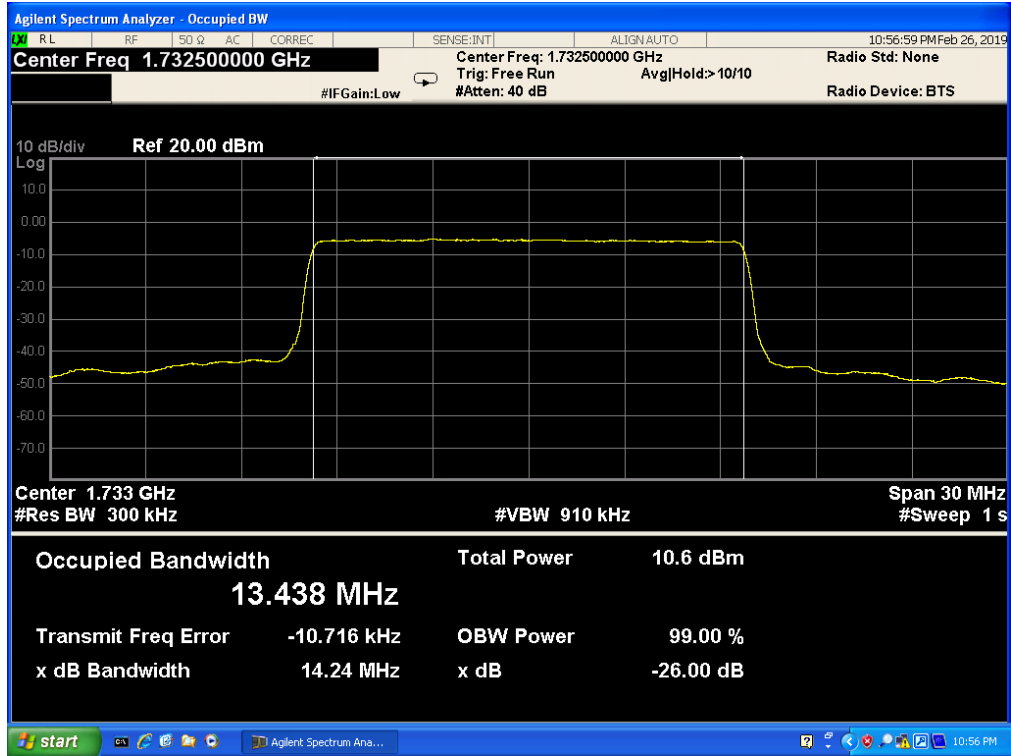
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 10.0, NO. RB 50, RB POS. Low, QPSK



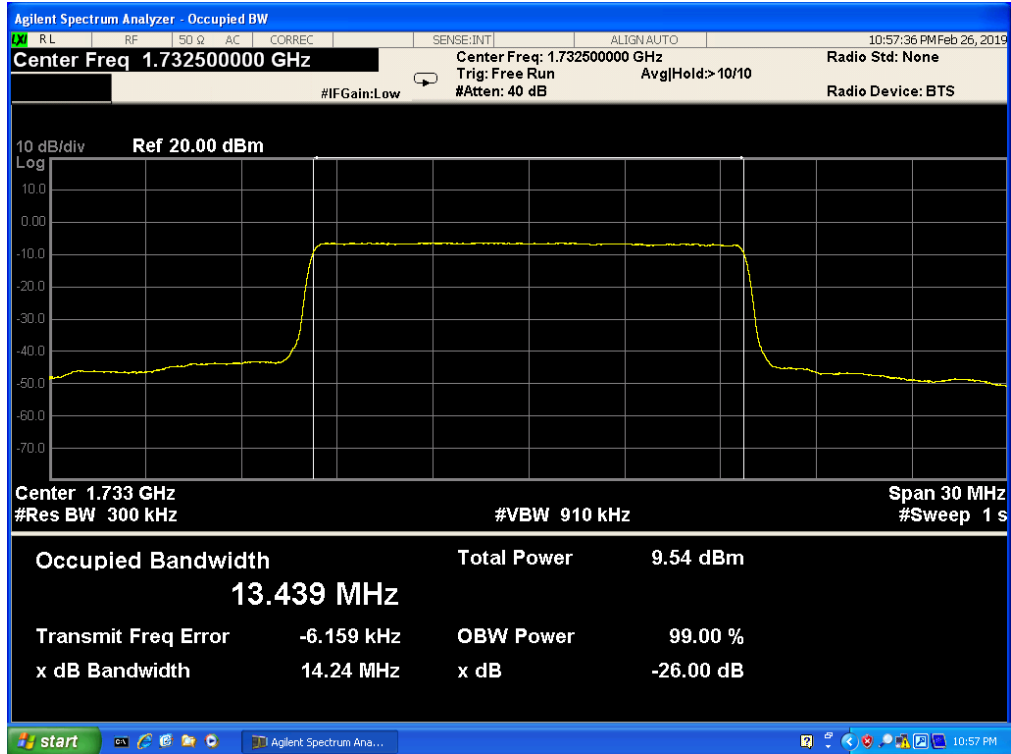
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM



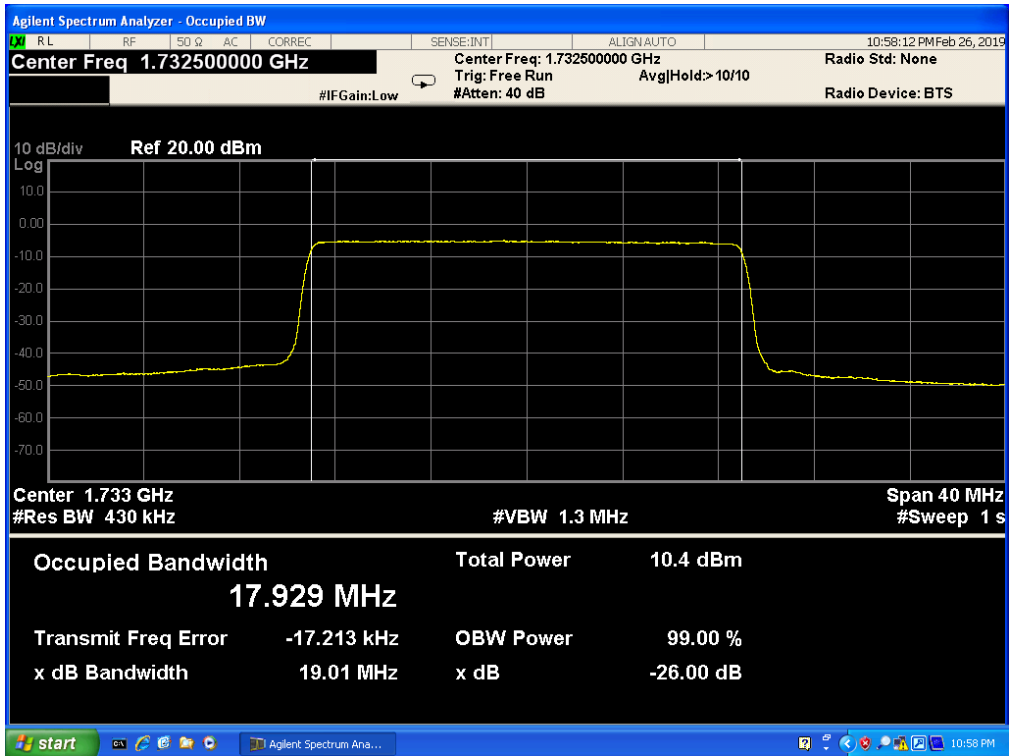
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 15.0, NO. RB 75, RB POS. Low, QPSK



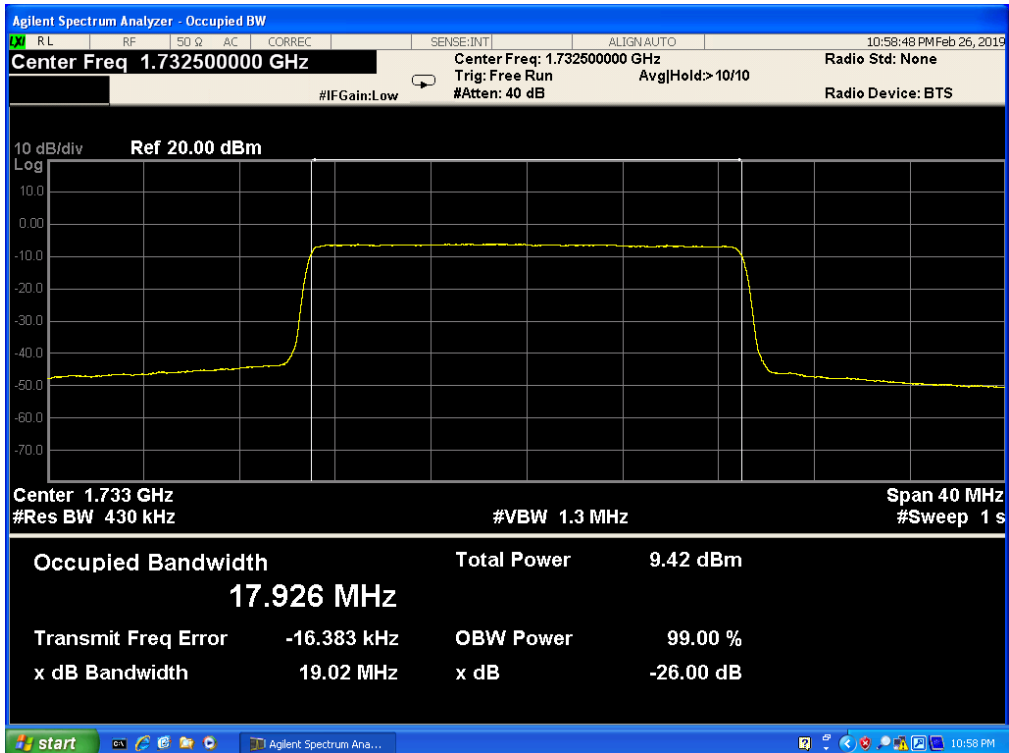
Band 4, UL Channel 20175, UL Frequency 1732.5, BW 15.0, NO. RB 75, RB POS. Low, 16-QAM



Band 4, UL Channel 20175, UL Frequency 1732.5, BW 20.0, NO. RB 100, RB POS. Low, QPSK

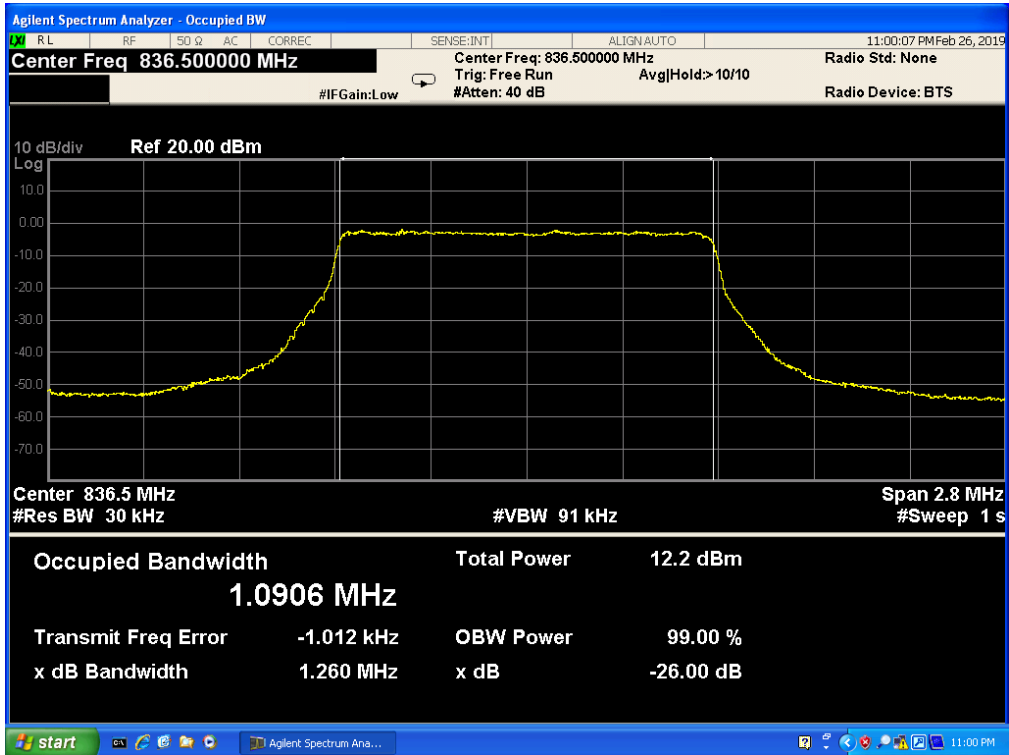


Band 4, UL Channel 20175, UL Frequency 1732.5, BW 20.0, NO. RB 100, RB POS. Low, 16-QAM

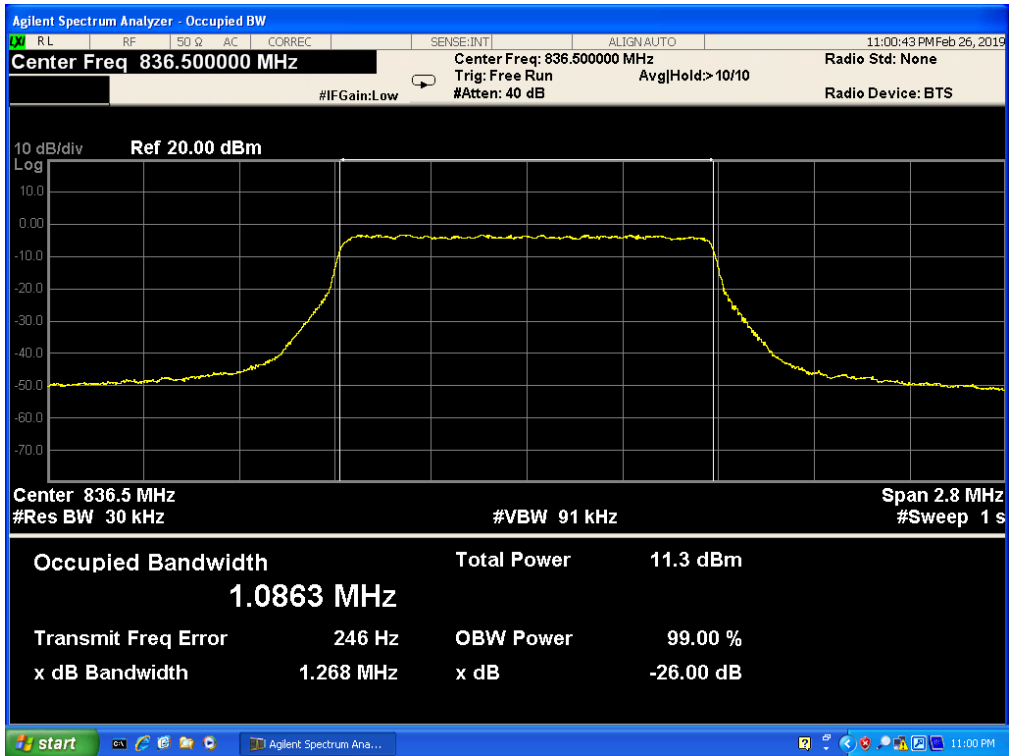


5.3 LTE BAND 5

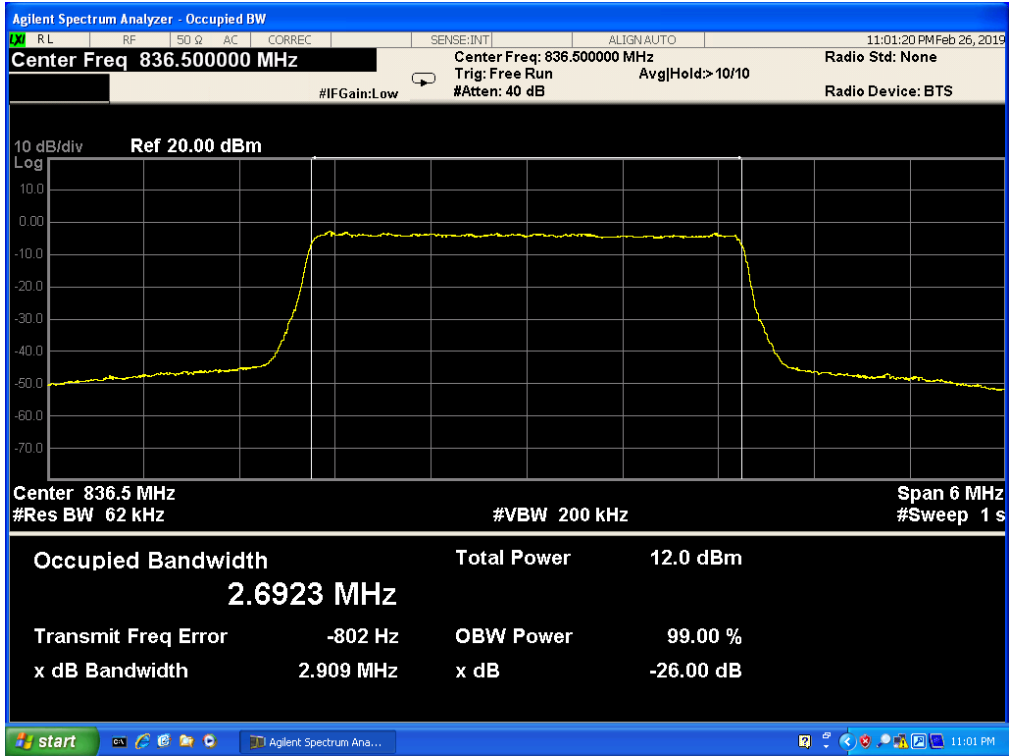
Band 5, UL Channel 20525, UL Frequency 836.5, BW 1.4, NO. RB 6, RB POS. Low, QPSK



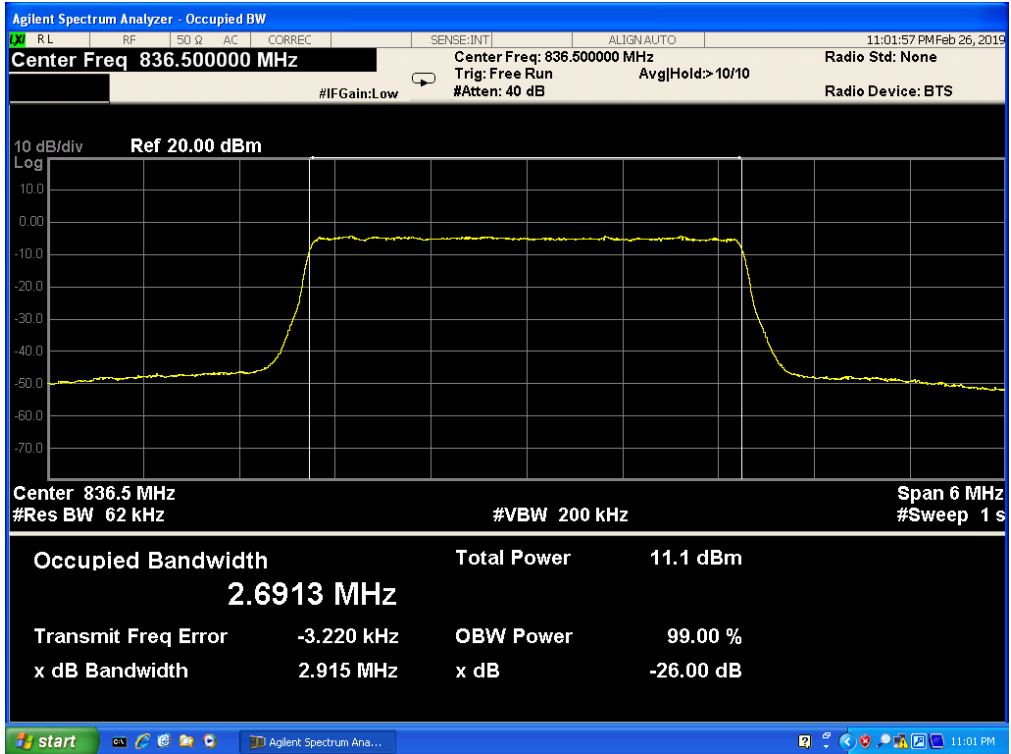
Band 5, UL Channel 20525, UL Frequency 836.5, BW 1.4, NO. RB 6, RB POS. Low, 16-QAM



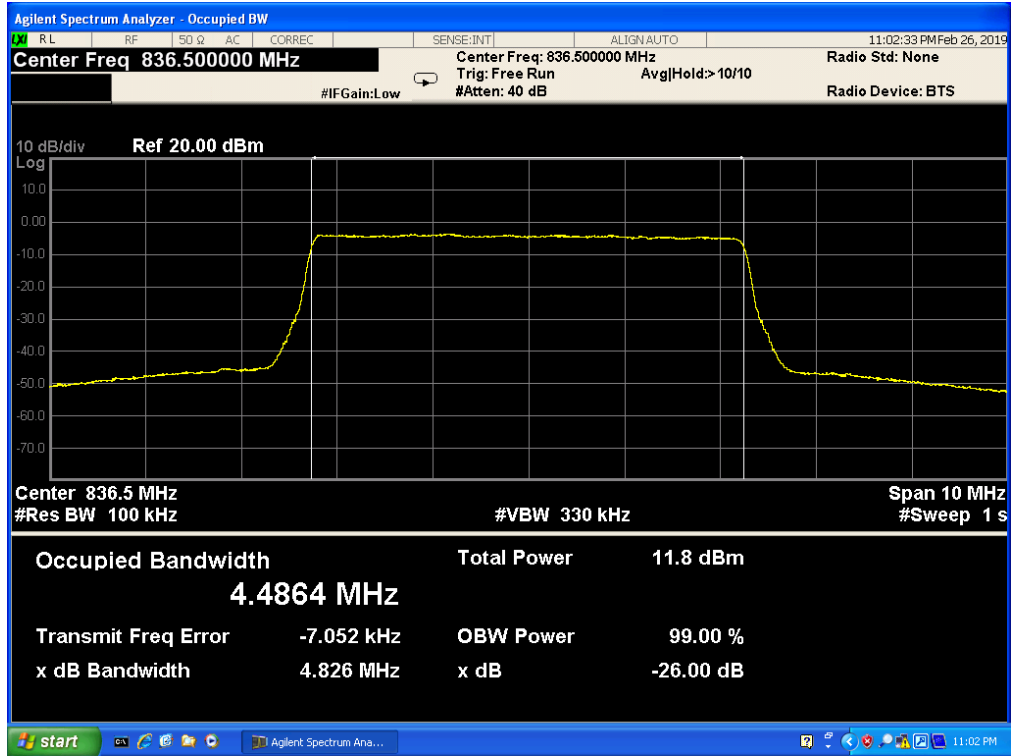
Band 5, UL Channel 20525, UL Frequency 836.5, BW 3.0, NO. RB 15, RB POS. Low, QPSK



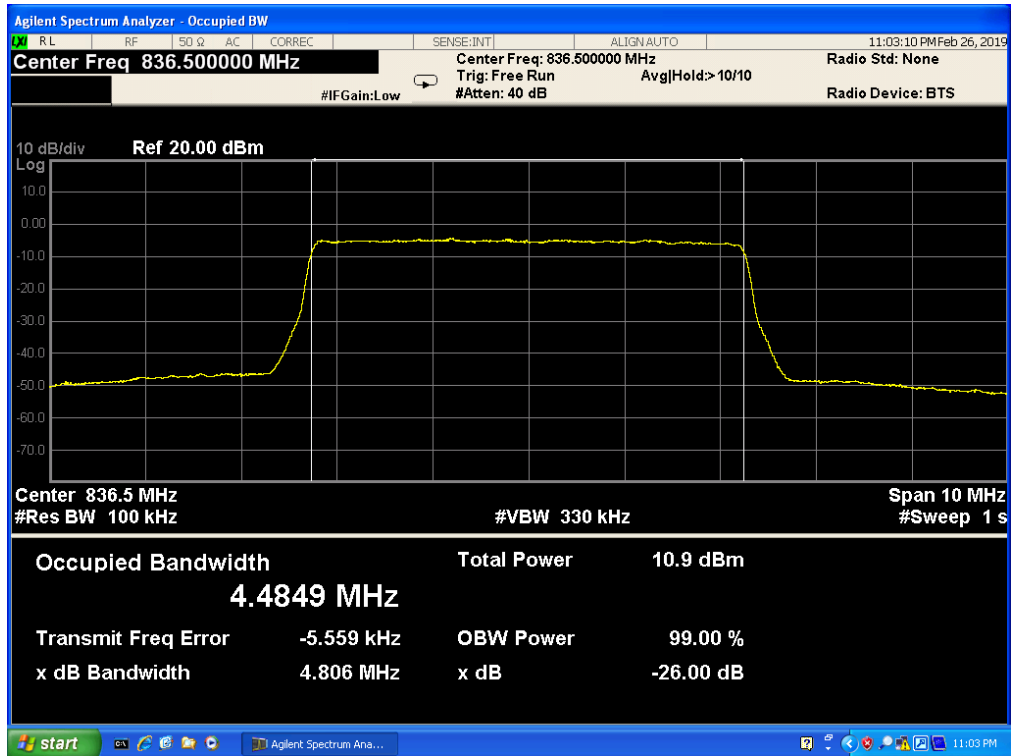
Band 5, UL Channel 20525, UL Frequency 836.5, BW 3.0, NO. RB 15, RB POS. Low, 16-QAM



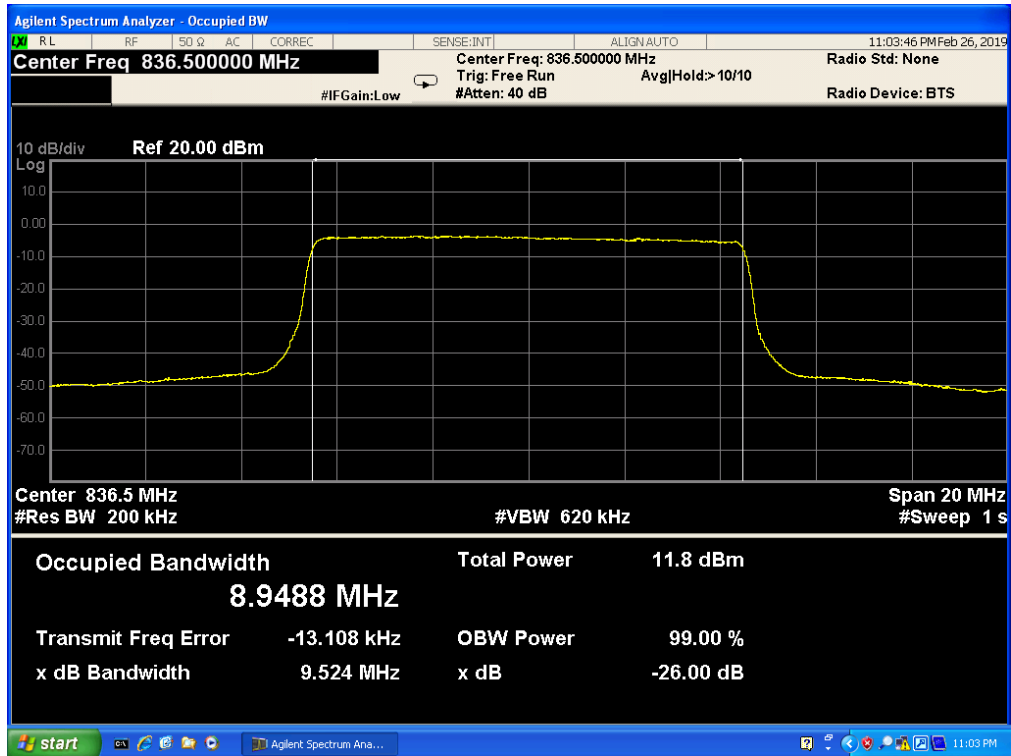
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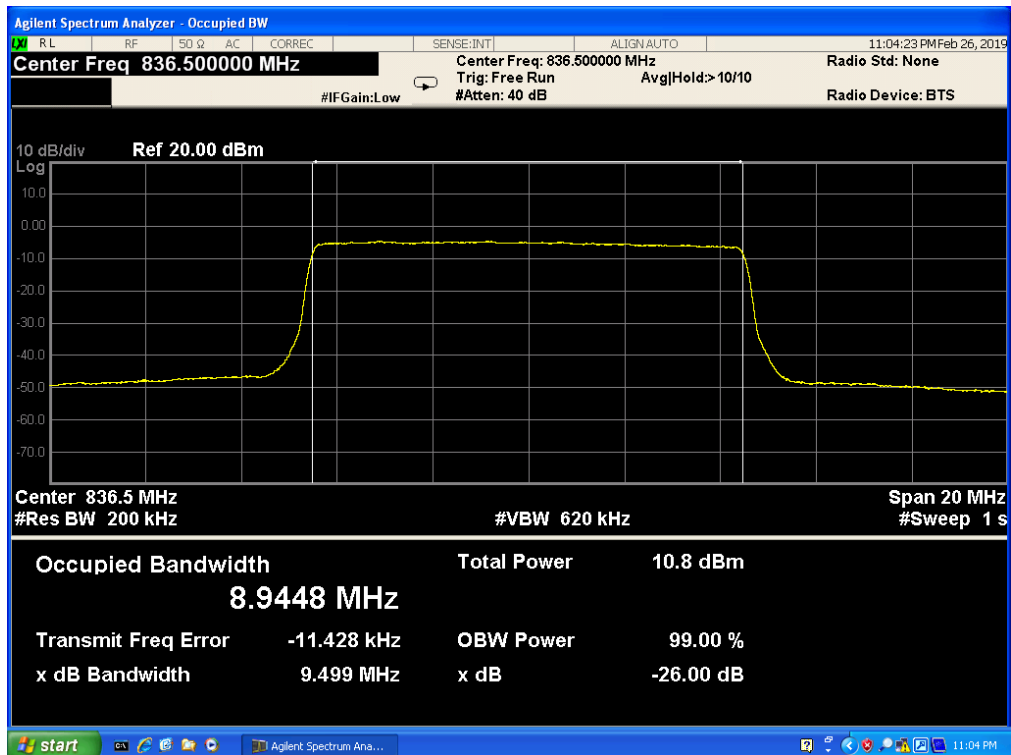
Band 5, UL Channel 20525, UL Frequency 836.5, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



Band 5, UL Channel 20525, UL Frequency 836.5, BW 10.0, NO. RB 50, RB POS. Low, QPSK

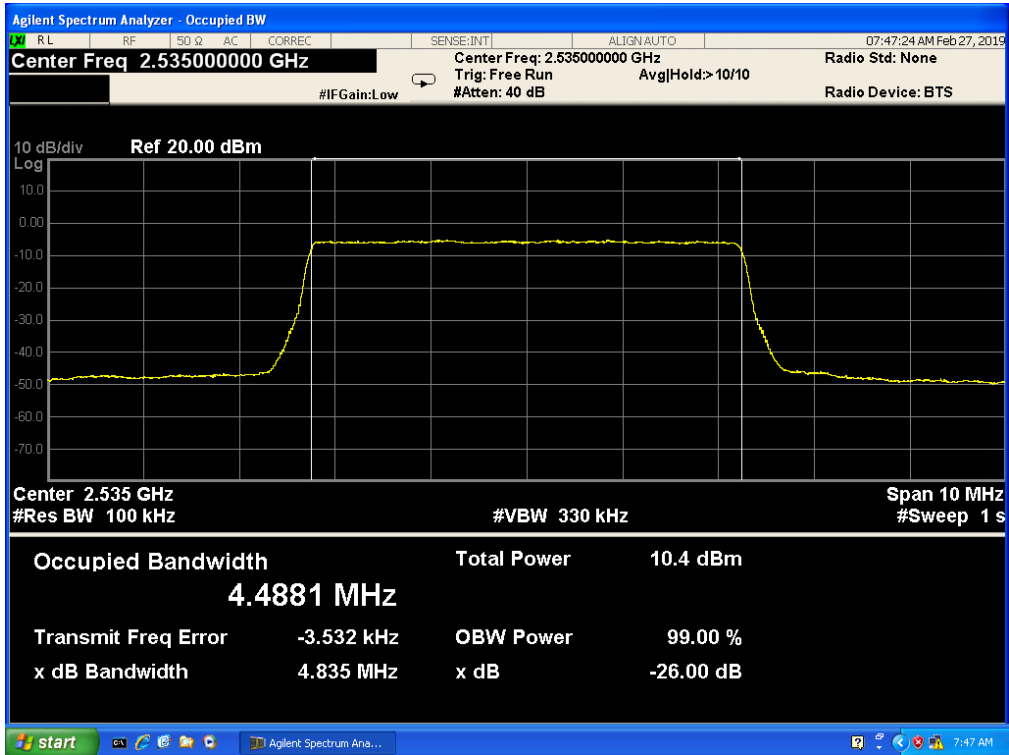


Band 5, UL Channel 20525, UL Frequency 836.5, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM

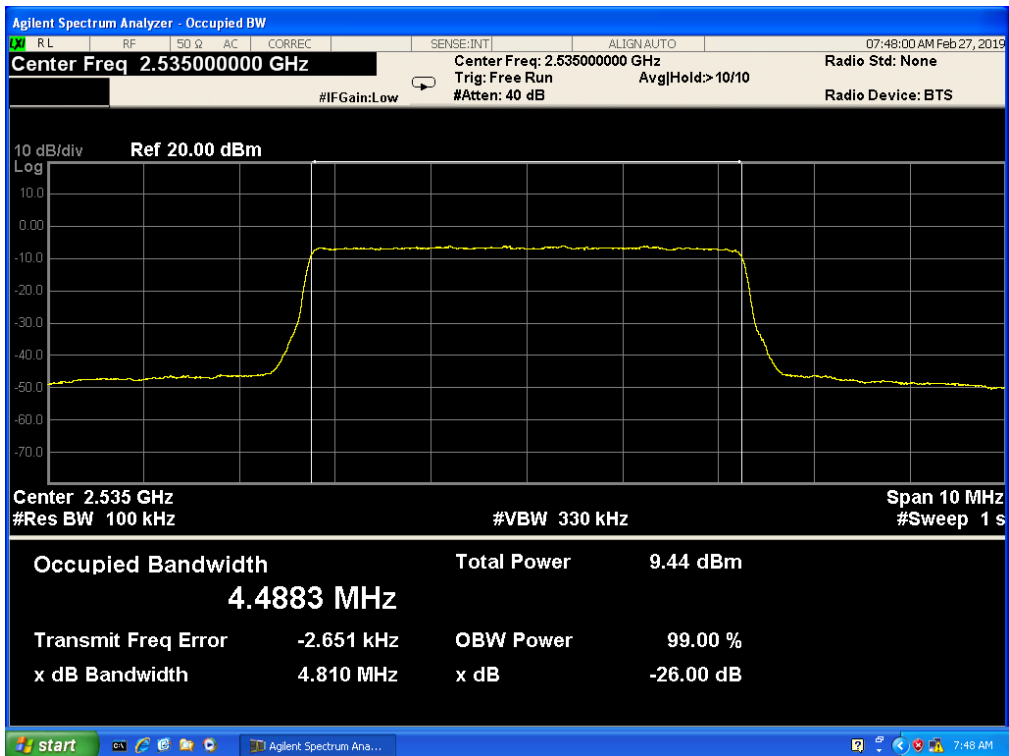


5.4 LTE BAND 7

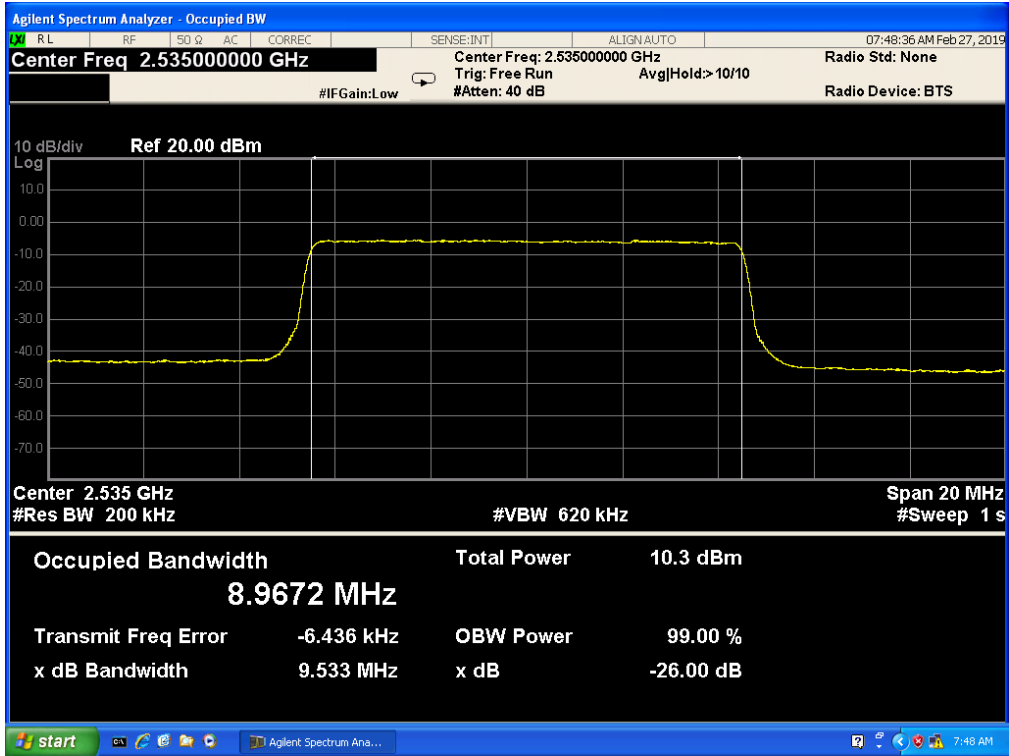
Band 7, UL Channel 21100, UL Frequency 2535.0, BW 5.0, NO. RB 25, RB POS. Low, QPSK



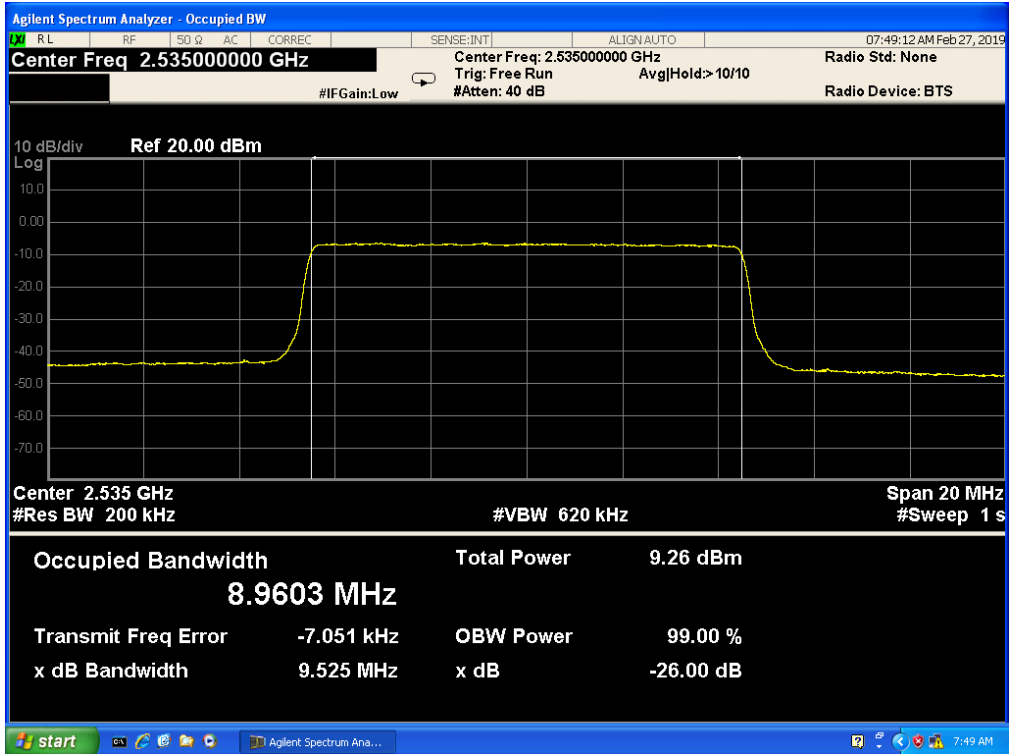
Band 7, UL Channel 21100, UL Frequency 2535.0, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



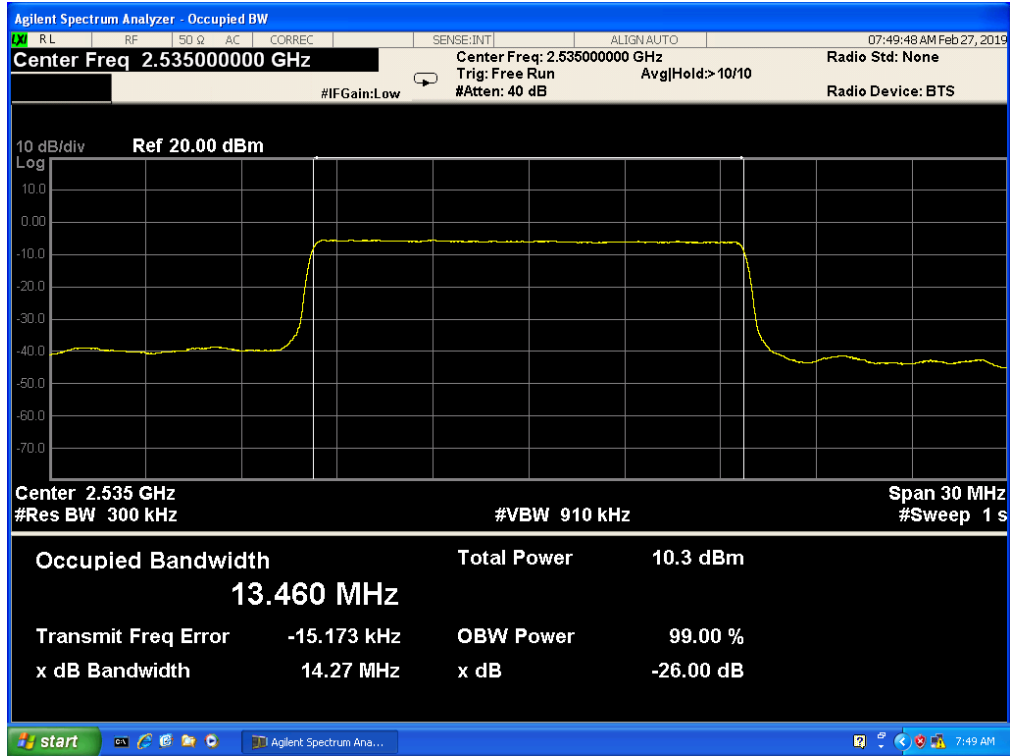
Band 7, UL Channel 21100, UL Frequency 2535.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK



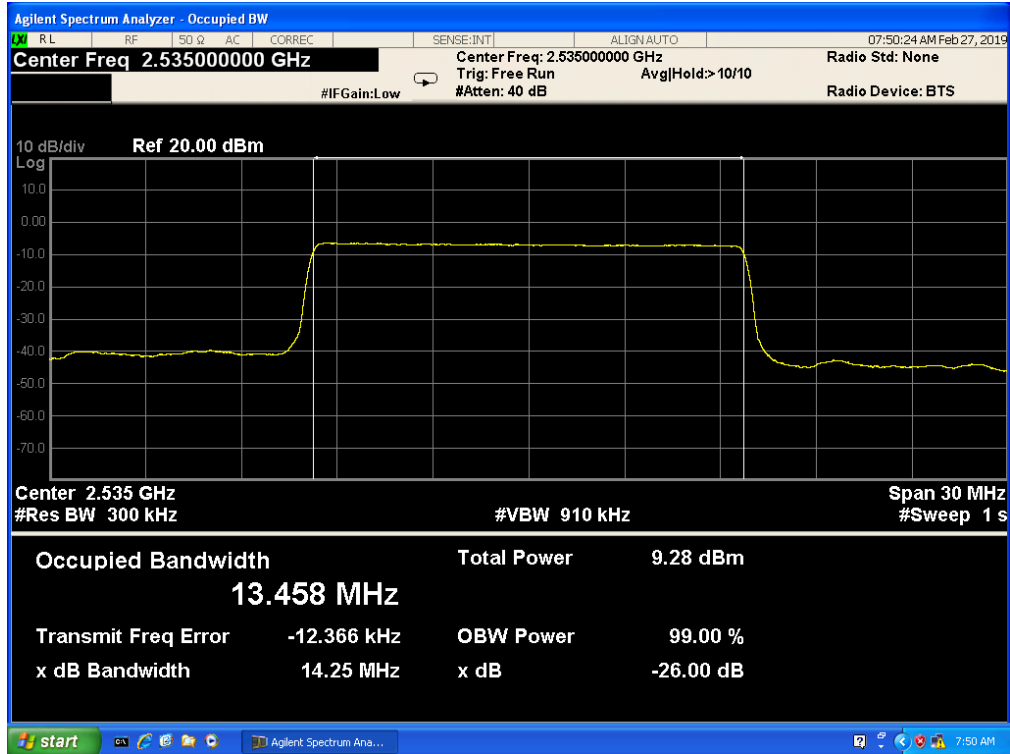
Band 7, UL Channel 21100, UL Frequency 2535.0, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM



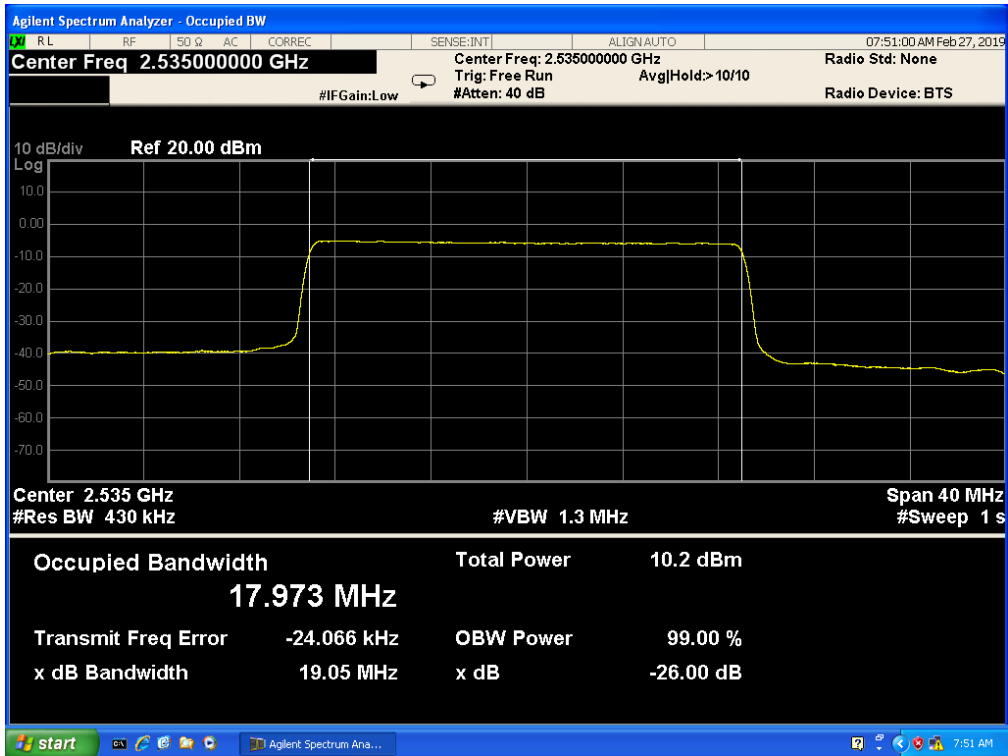
Band 7, UL Channel 21100, UL Frequency 2535.0, BW 15.0, NO. RB 75, RB POS. Low, QPSK



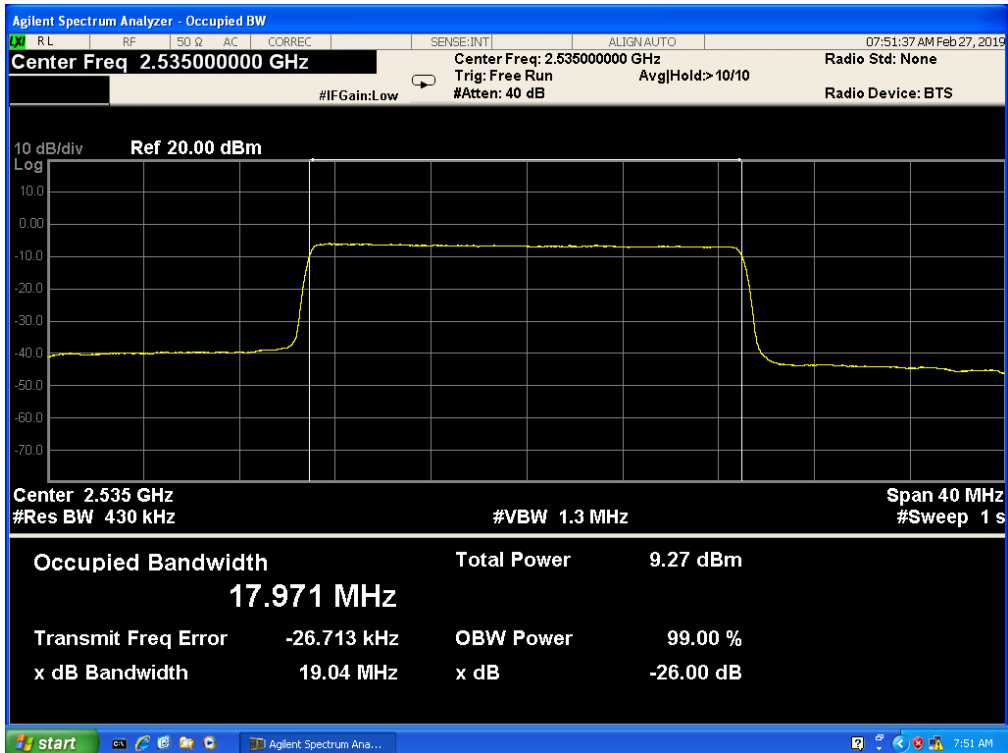
Band 7, UL Channel 21100, UL Frequency 2535.0, BW 15.0, NO. RB 75, RB POS. Low, 16-QAM



Band 7, UL Channel 21100, UL Frequency 2535.0, BW 20.0, NO. RB 100, RB POS. Low, QPSK

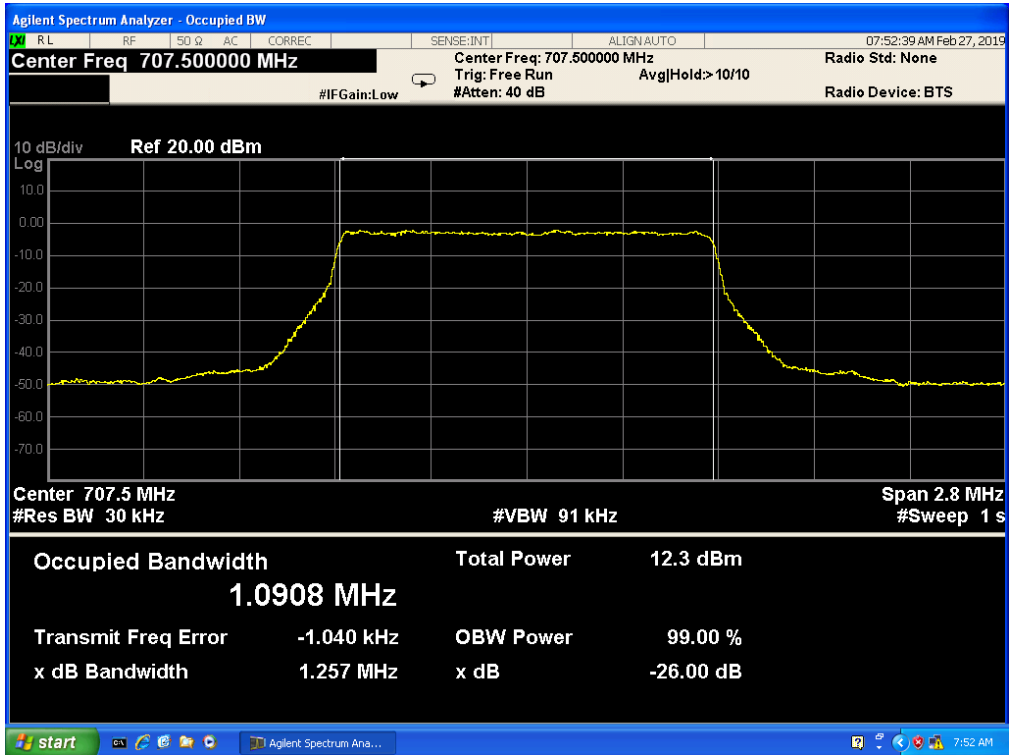


Band 7, UL Channel 21100, UL Frequency 2535.0, BW 20.0, NO. RB 100, RB POS. Low, 16-QAM

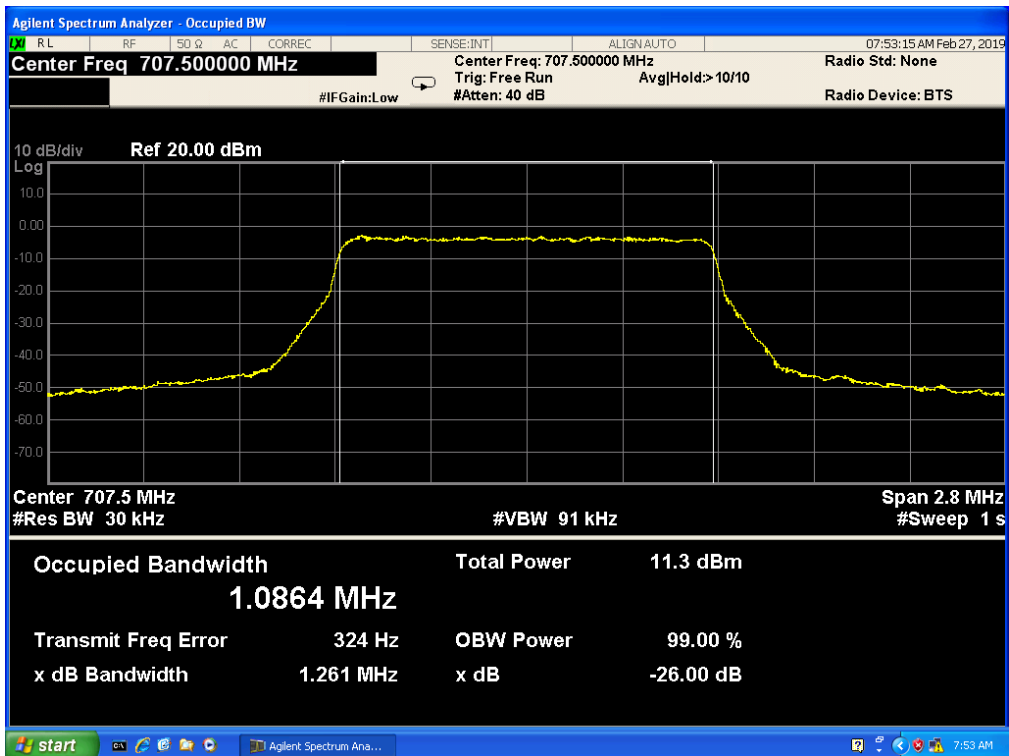


5.5 LTE BAND 12

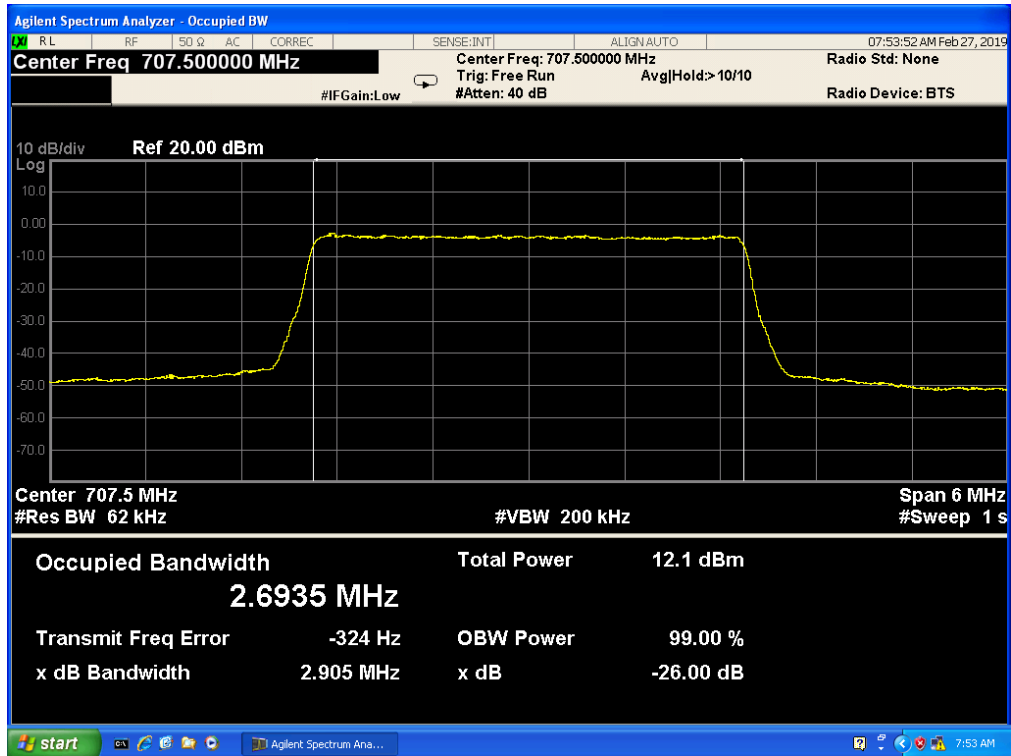
Band 12, UL Channel 23095, UL Frequency 707.5, BW 1.4, NO. RB 6, RB POS. Low, QPSK



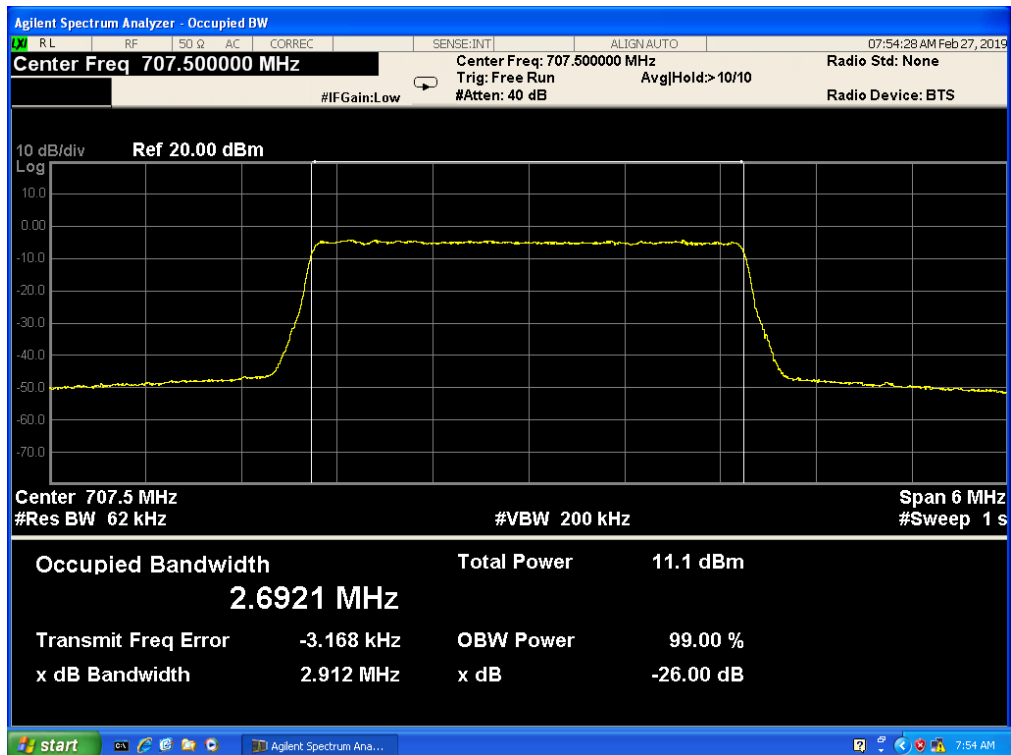
Band 12, UL Channel 23095, UL Frequency 707.5, BW 1.4, NO. RB 6, RB POS. Low, 16-QAM



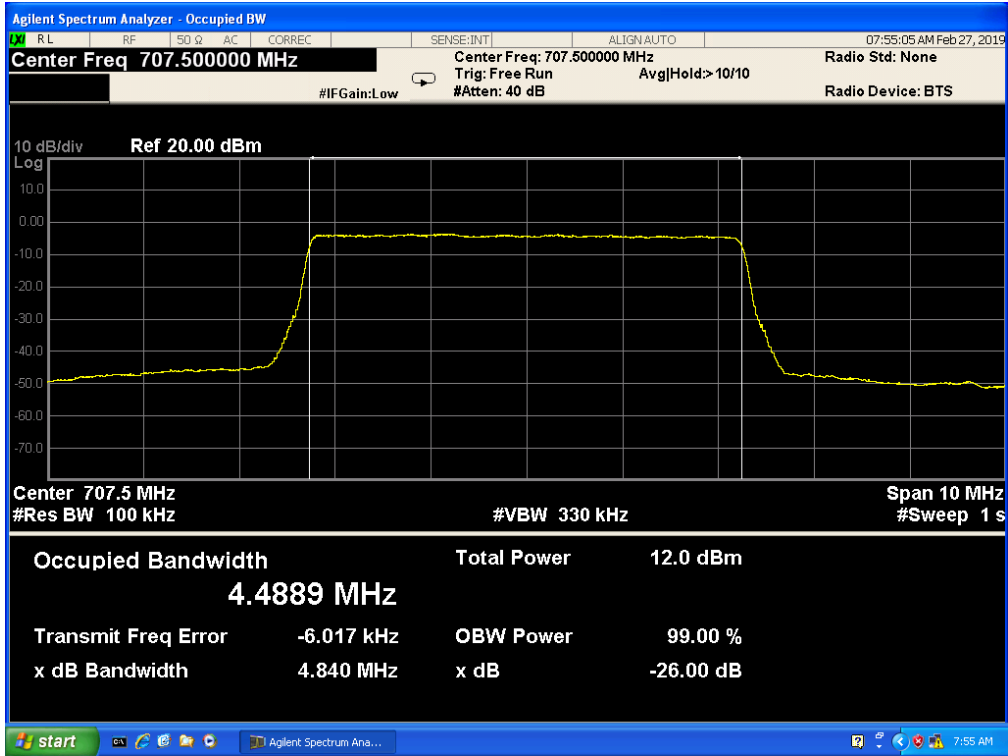
Band 12, UL Channel 23095, UL Frequency 707.5, BW 3.0, NO. RB 15, RB POS. Low, QPSK



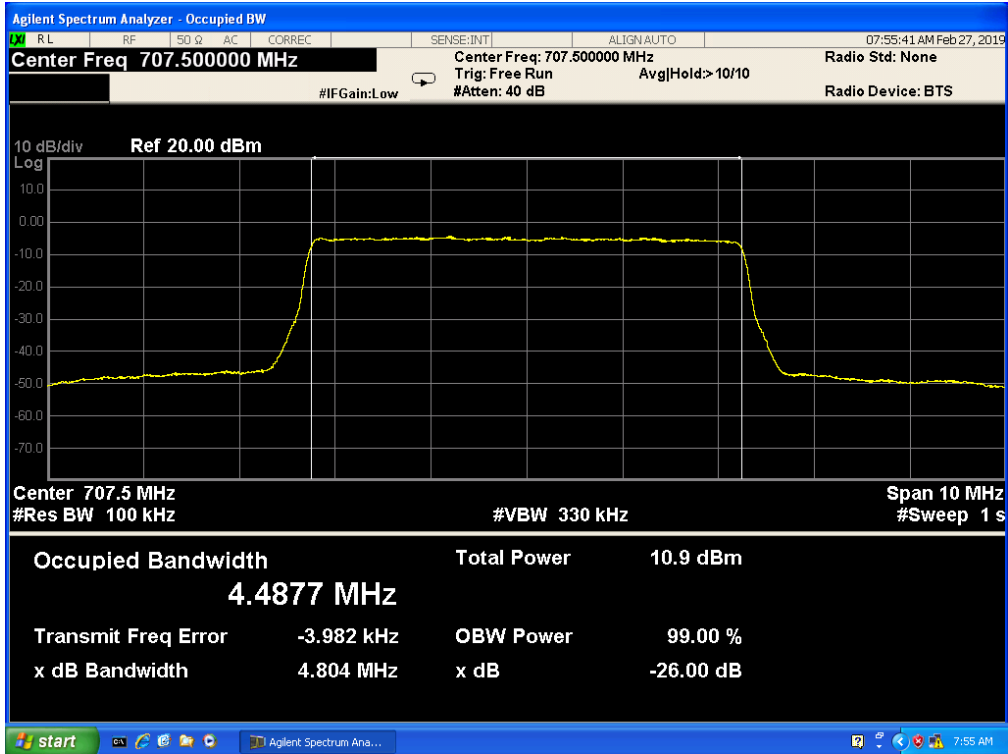
Band 12, UL Channel 23095, UL Frequency 707.5, BW 3.0, NO. RB 15, RB POS. Low, 16-QAM



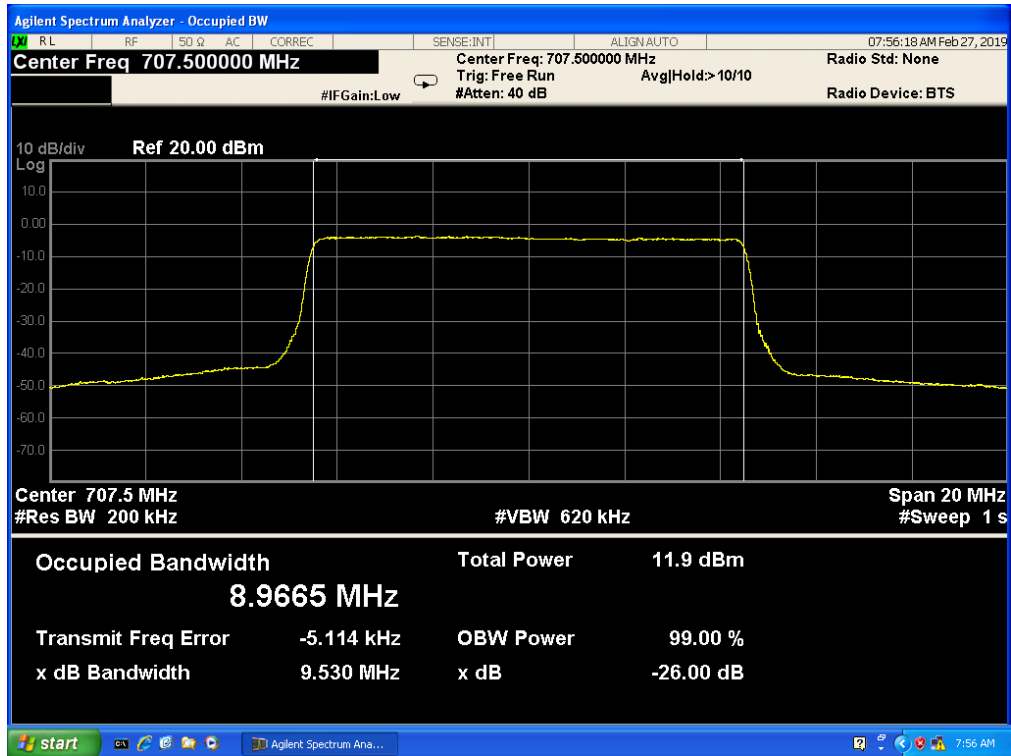
Band 12, UL Channel 23095, UL Frequency 707.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



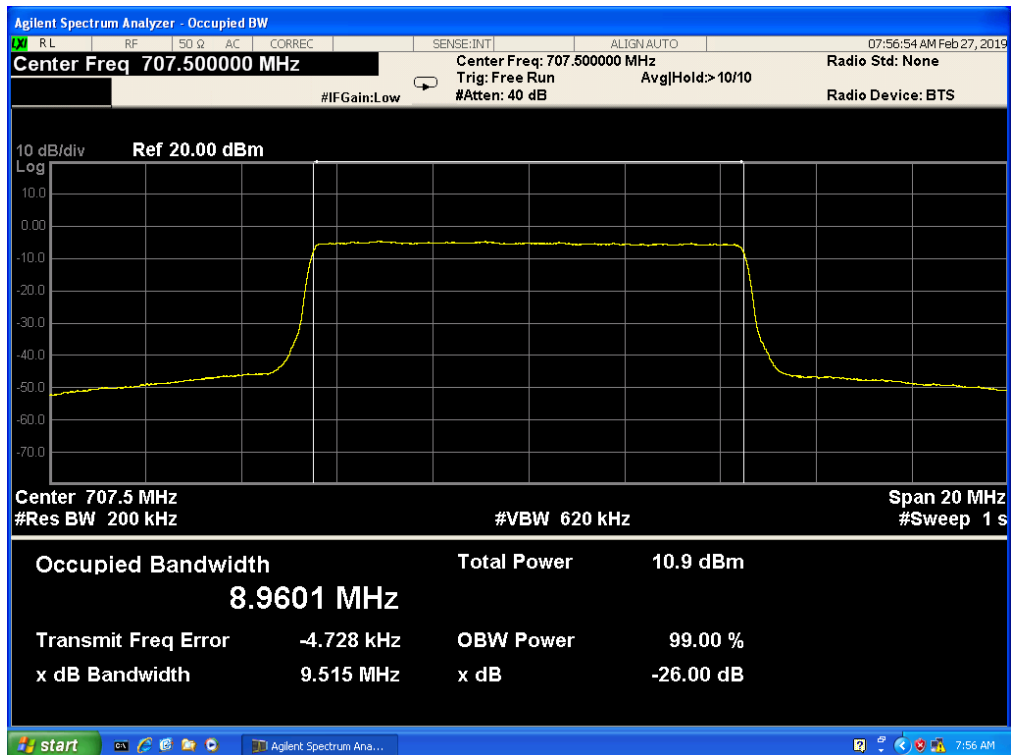
Band 12, UL Channel 23095, UL Frequency 707.5, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



Band 12, UL Channel 23095, UL Frequency 707.5, BW 10.0, NO. RB 50, RB POS. Low, QPSK

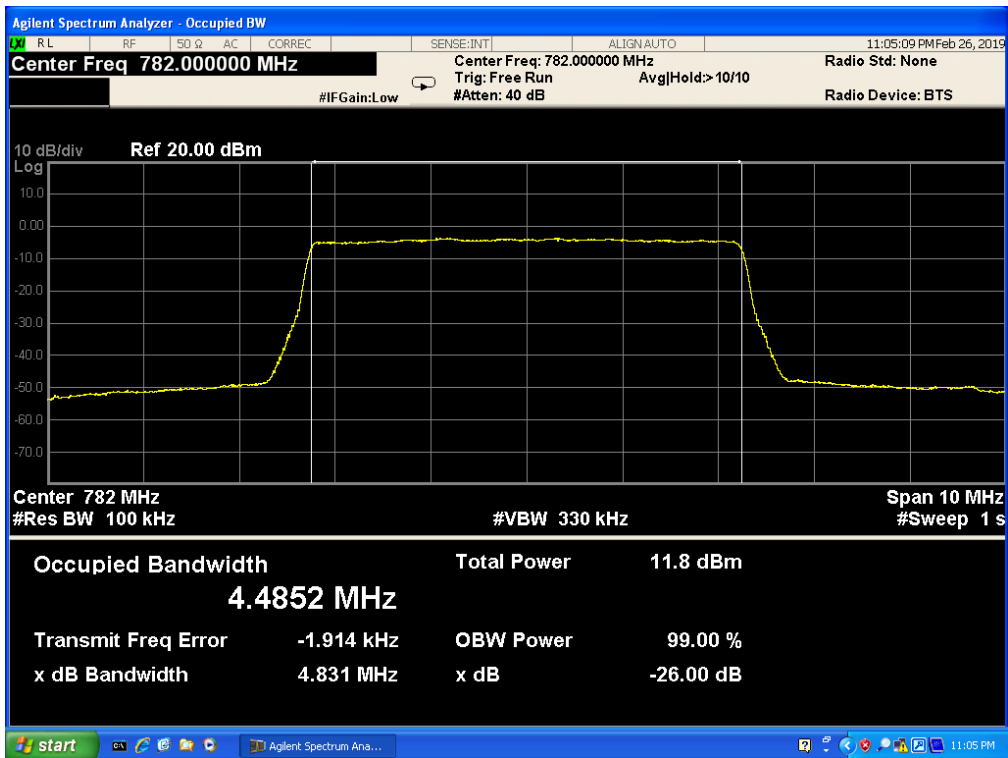


Band 12, UL Channel 23095, UL Frequency 707.5, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM

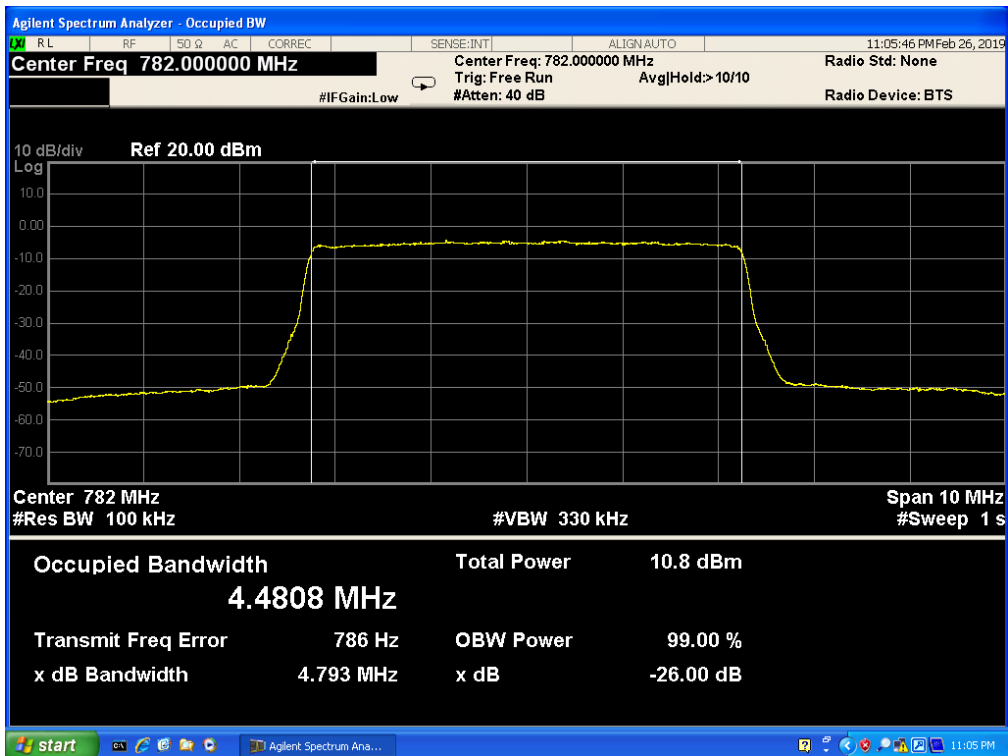


5.6 LTE BAND 13

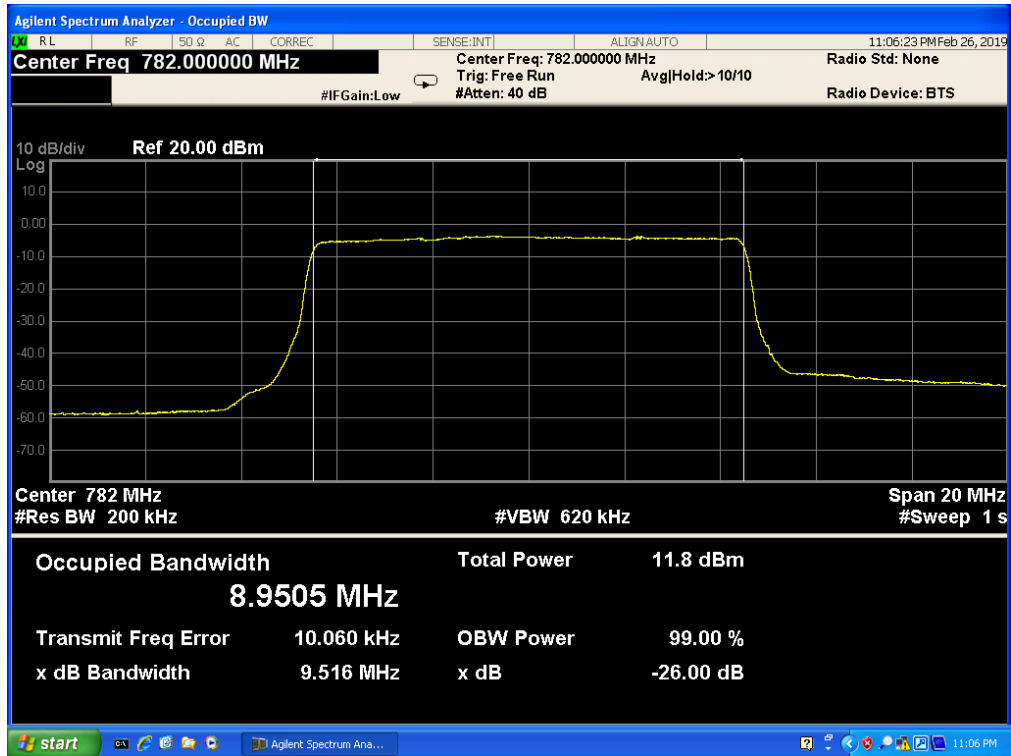
Band 13, UL Channel 23230, UL Frequency 782.0, BW 5.0, NO. RB 25, RB POS. Low, QPSK



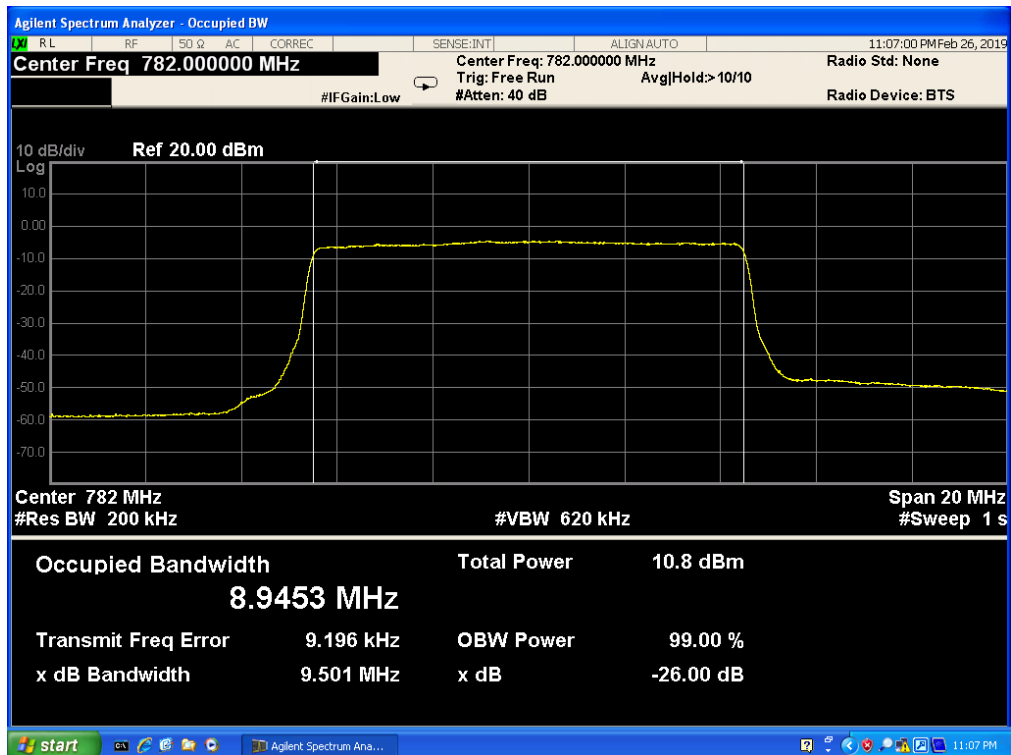
Band 13, UL Channel 23230, UL Frequency 782.0, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



Band 13, UL Channel 23230, UL Frequency 782.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK

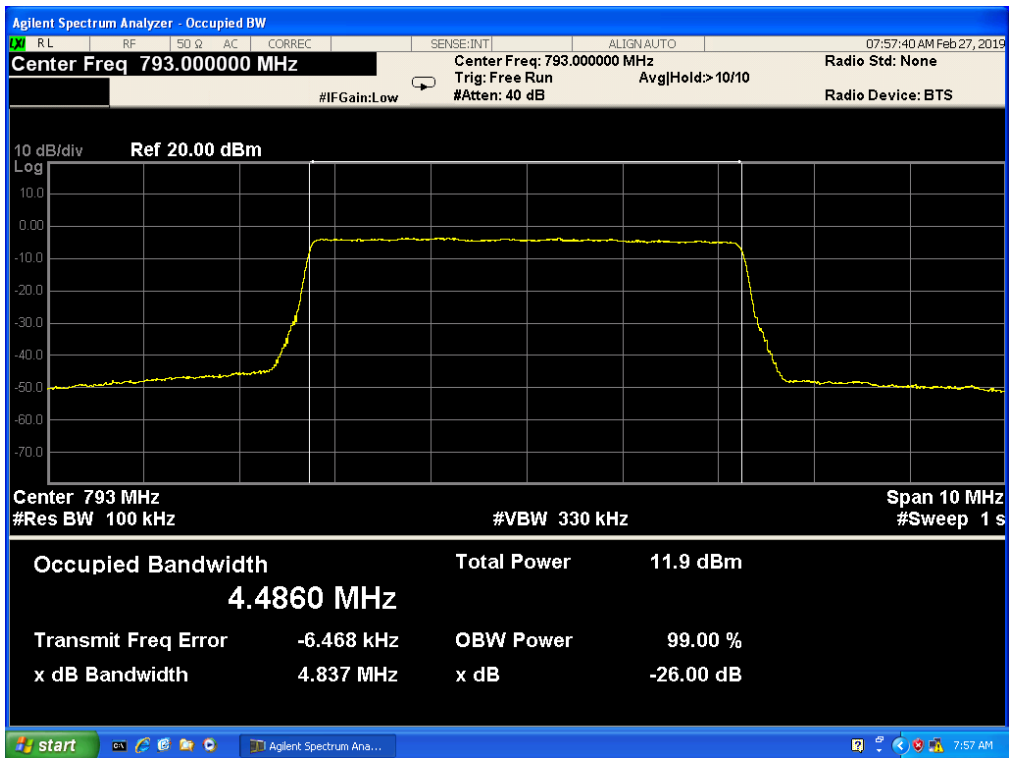


Band 13, UL Channel 23230, UL Frequency 782.0, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM

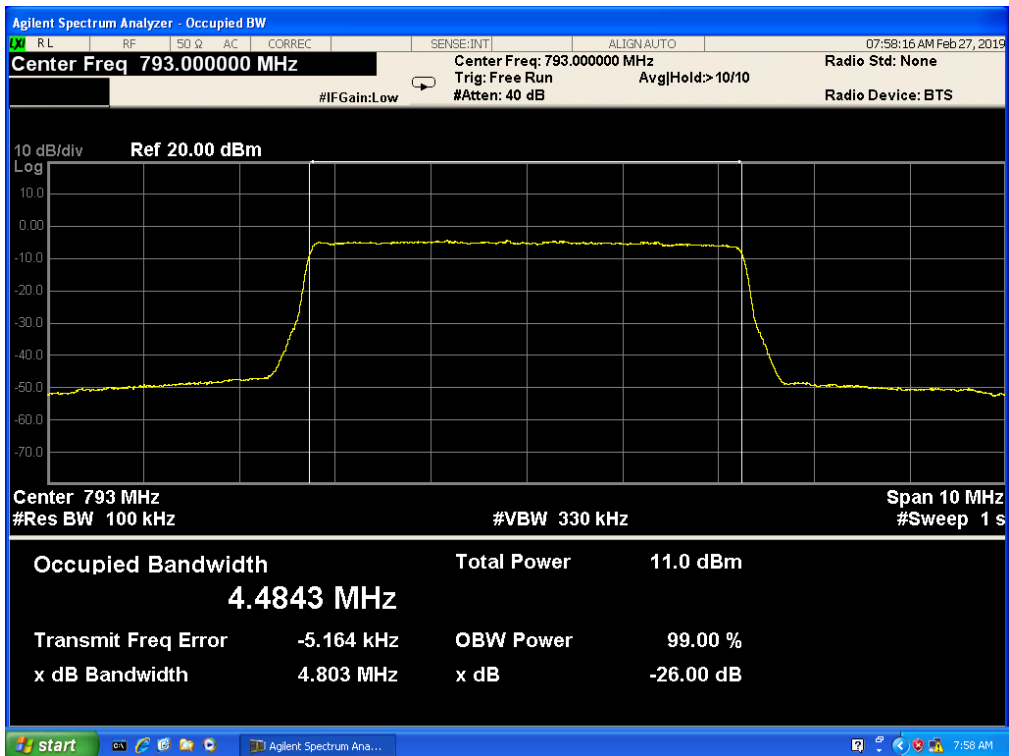


5.7 LTE BAND 14

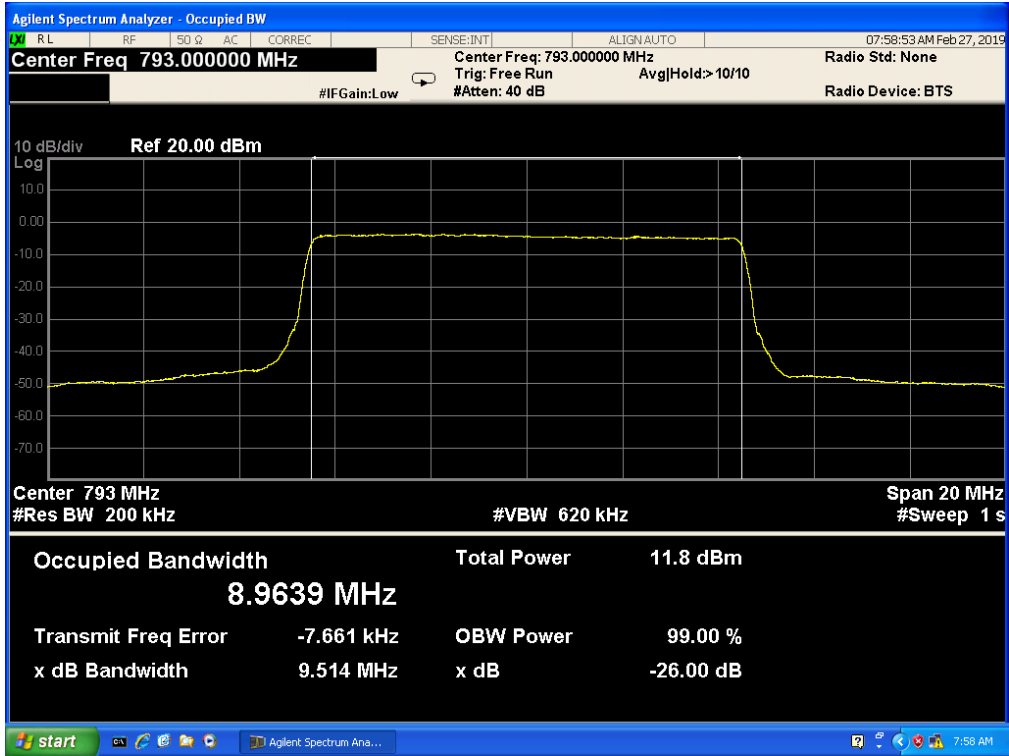
Band 14, UL Channel 23330, UL Frequency 793.0, BW 5.0, NO. RB 25, RB POS. Low, QPSK



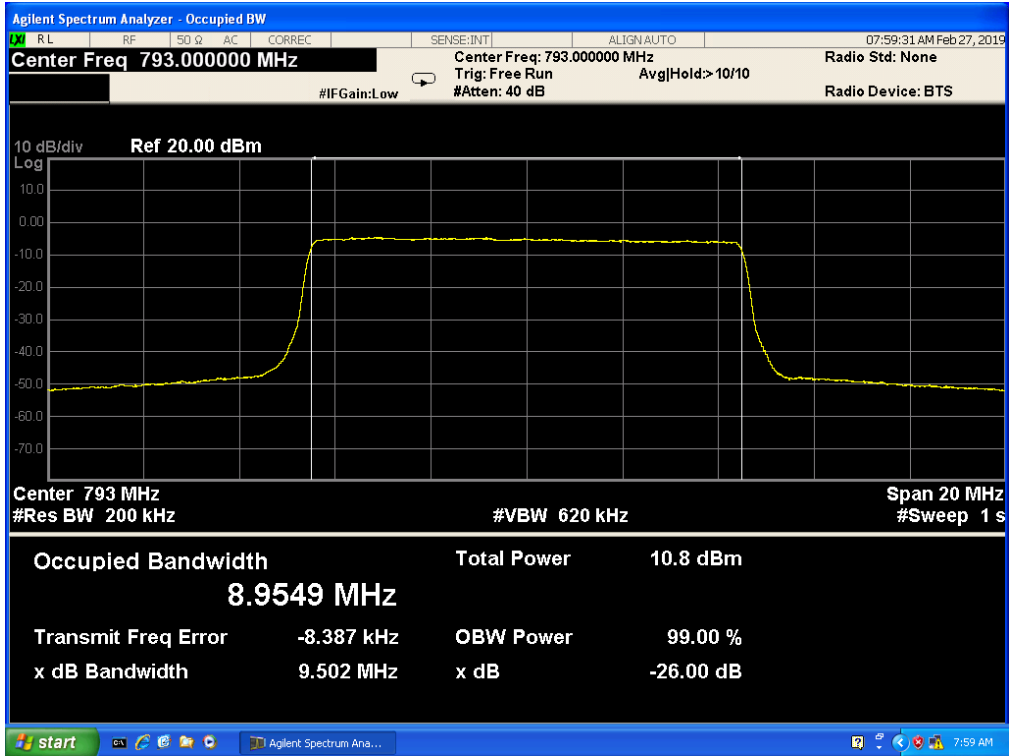
Band 14, UL Channel 23330, UL Frequency 793.0, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



Band 14, UL Channel 23330, UL Frequency 793.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK

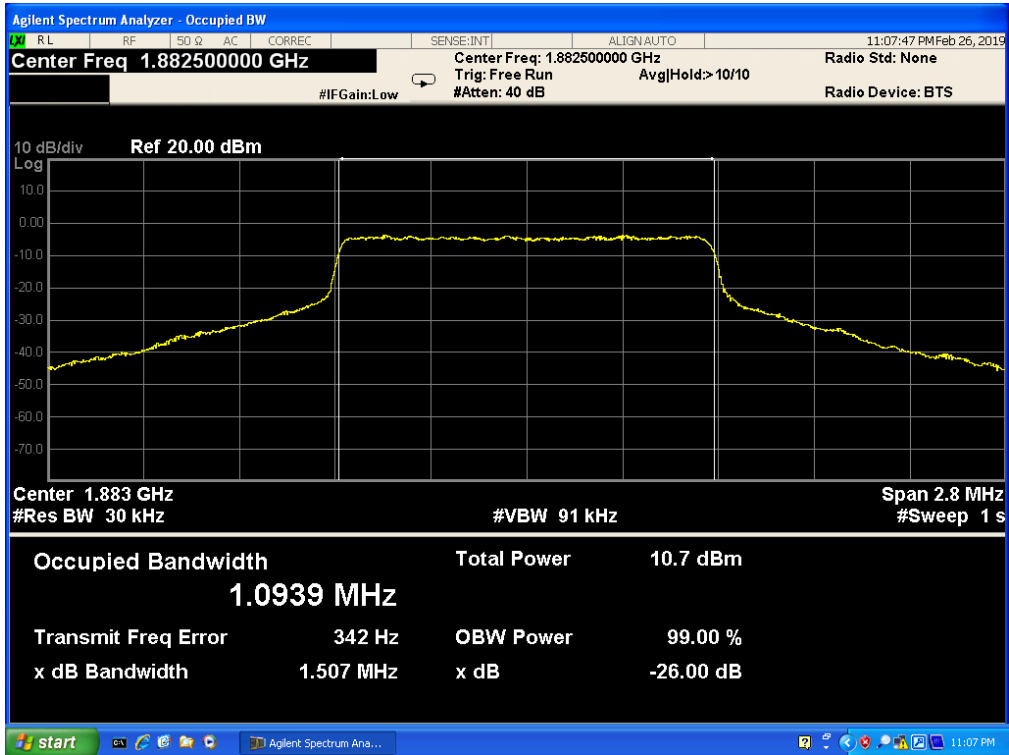


Band 14, UL Channel 23330, UL Frequency 793.0, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM

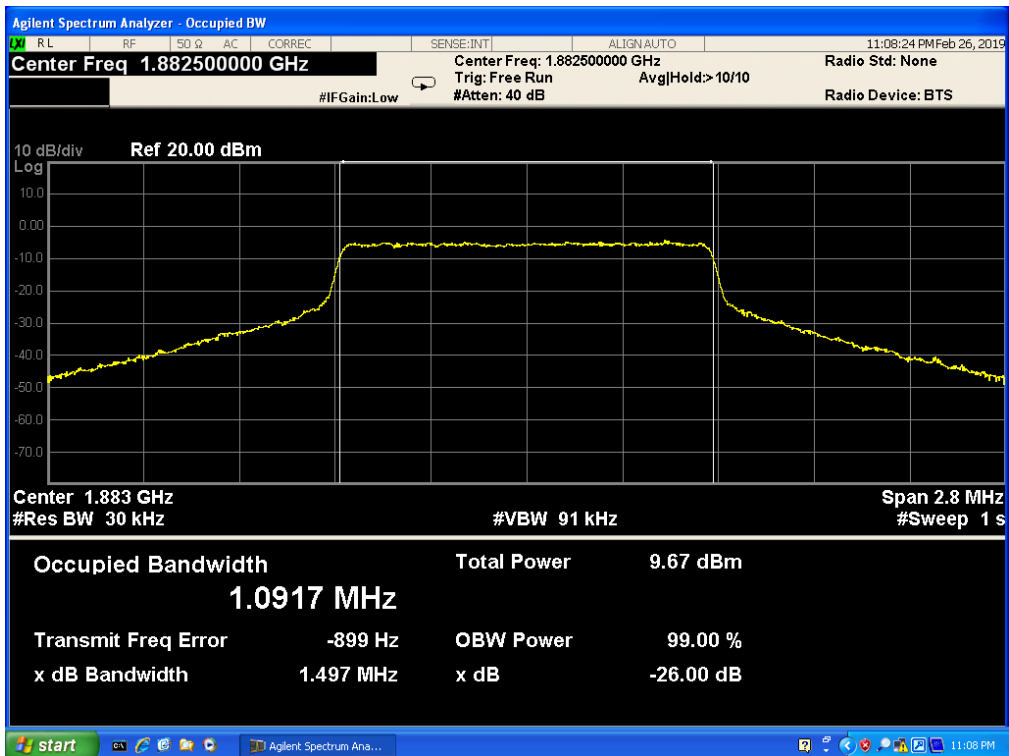


5.8 LTE BAND 25

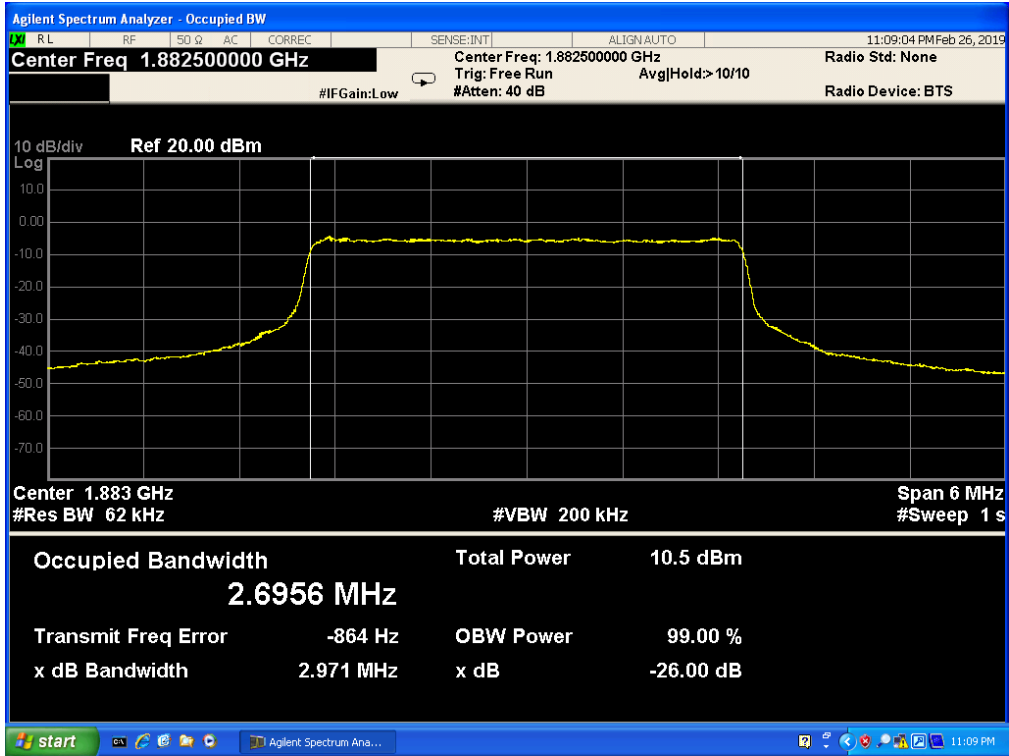
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 1.4, NO. RB 6, RB POS. Low, QPSK



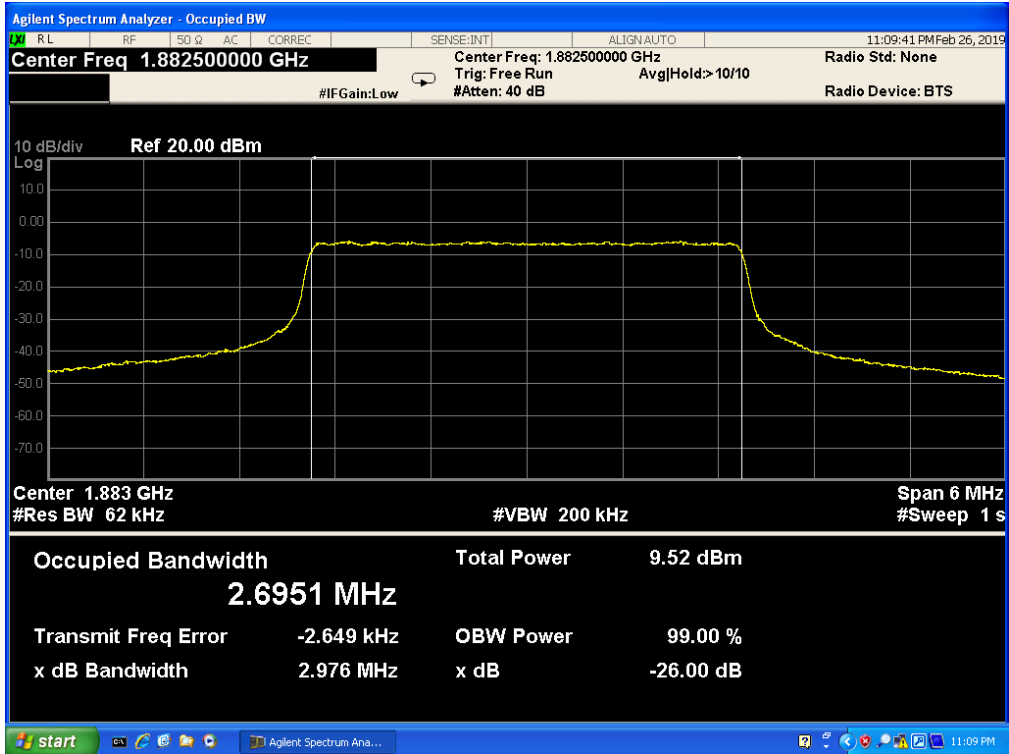
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 1.4, NO. RB 6, RB POS. Low, 16-QAM



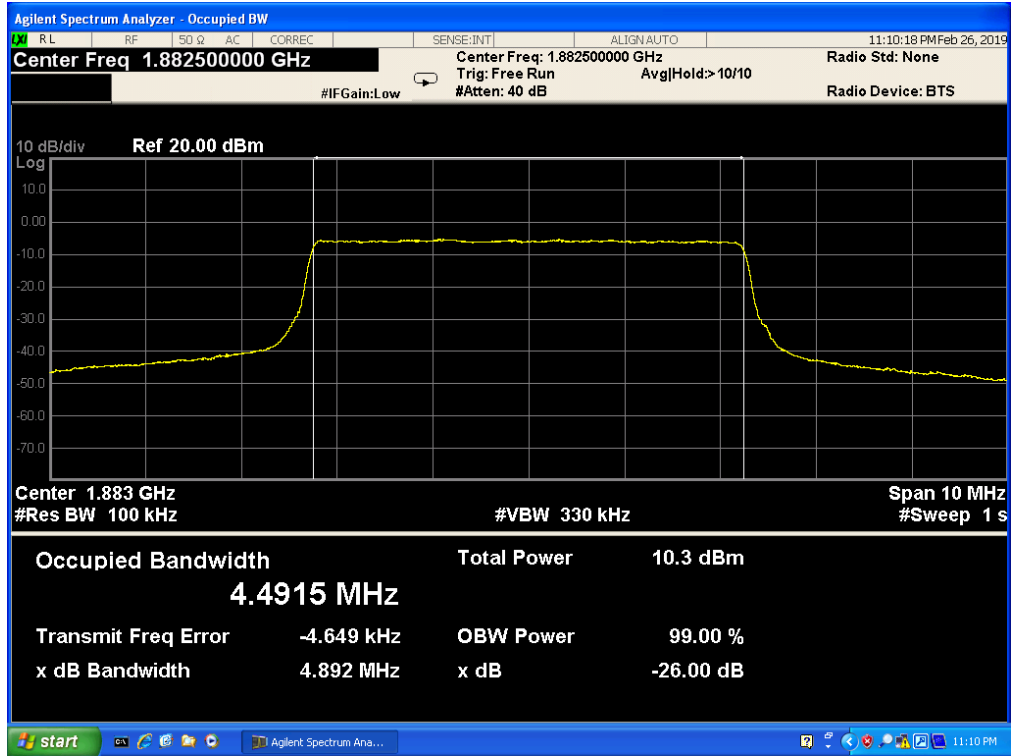
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 3.0, NO. RB 15, RB POS. Low, QPSK



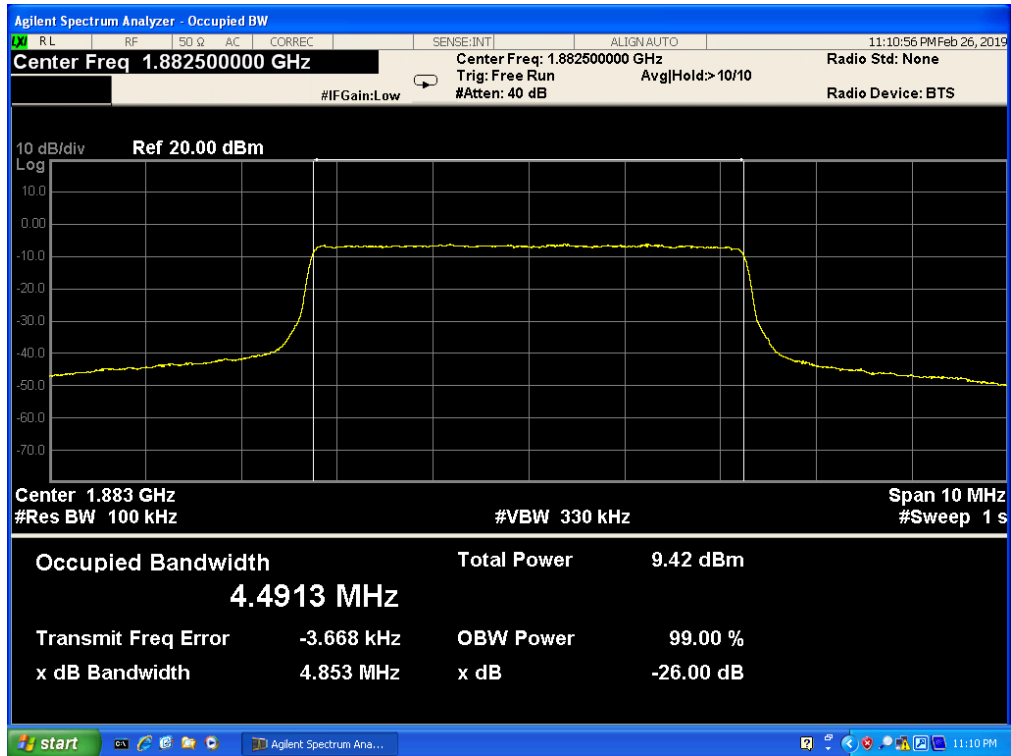
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 3.0, NO. RB 15, RB POS. Low, 16-QAM



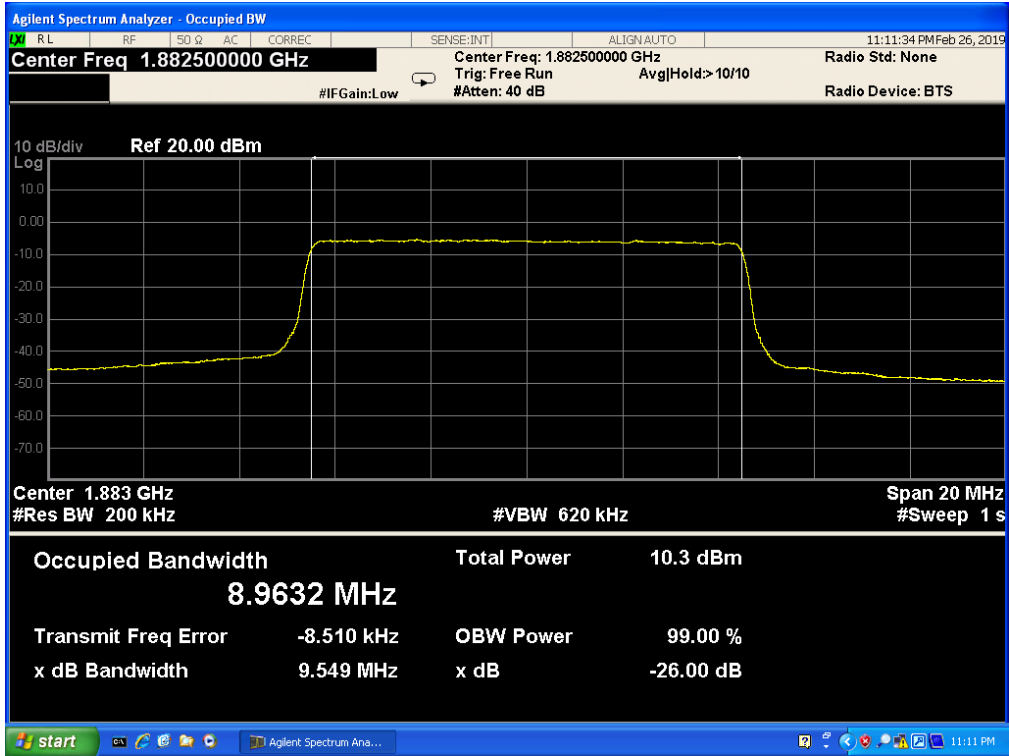
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



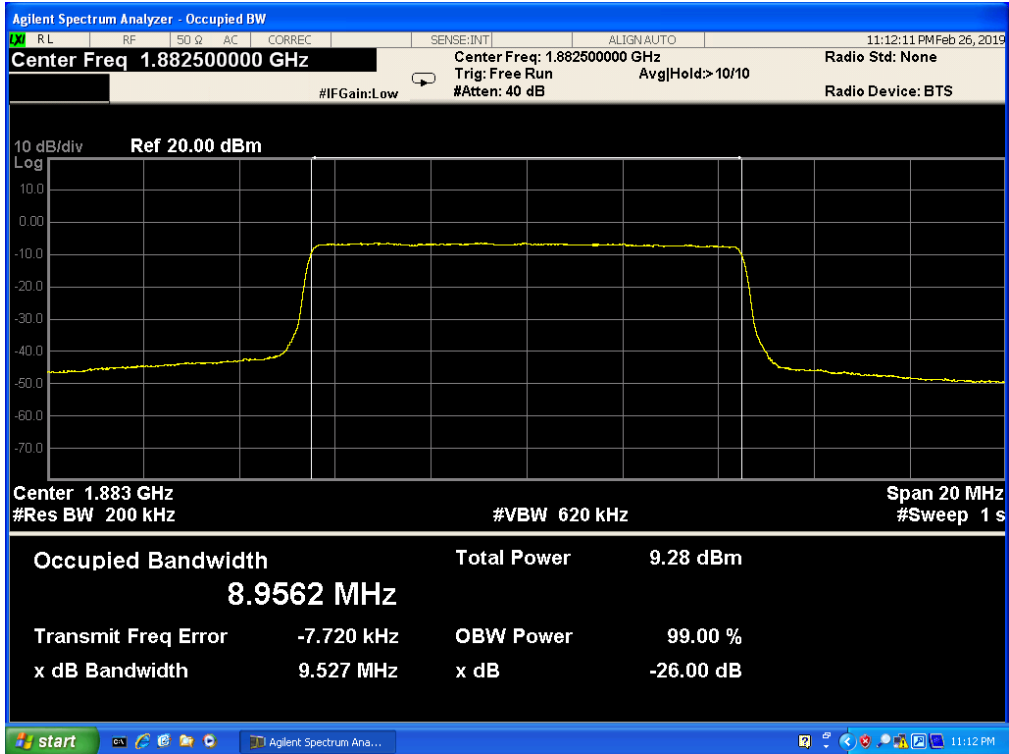
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



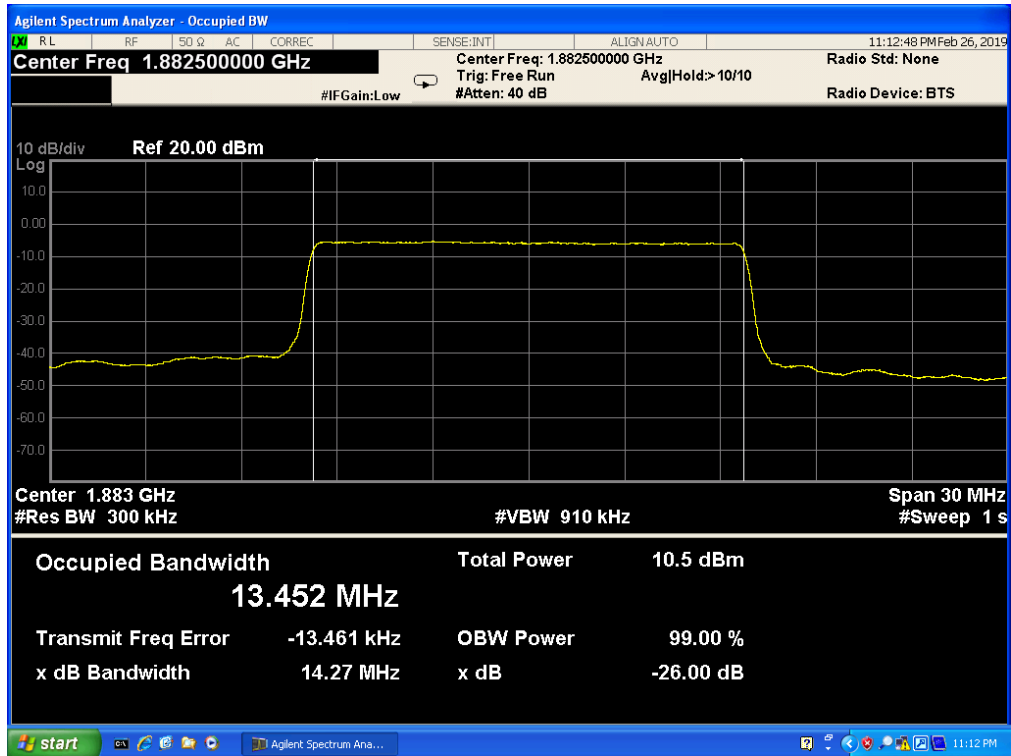
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 10.0, NO. RB 50, RB POS. Low, QPSK



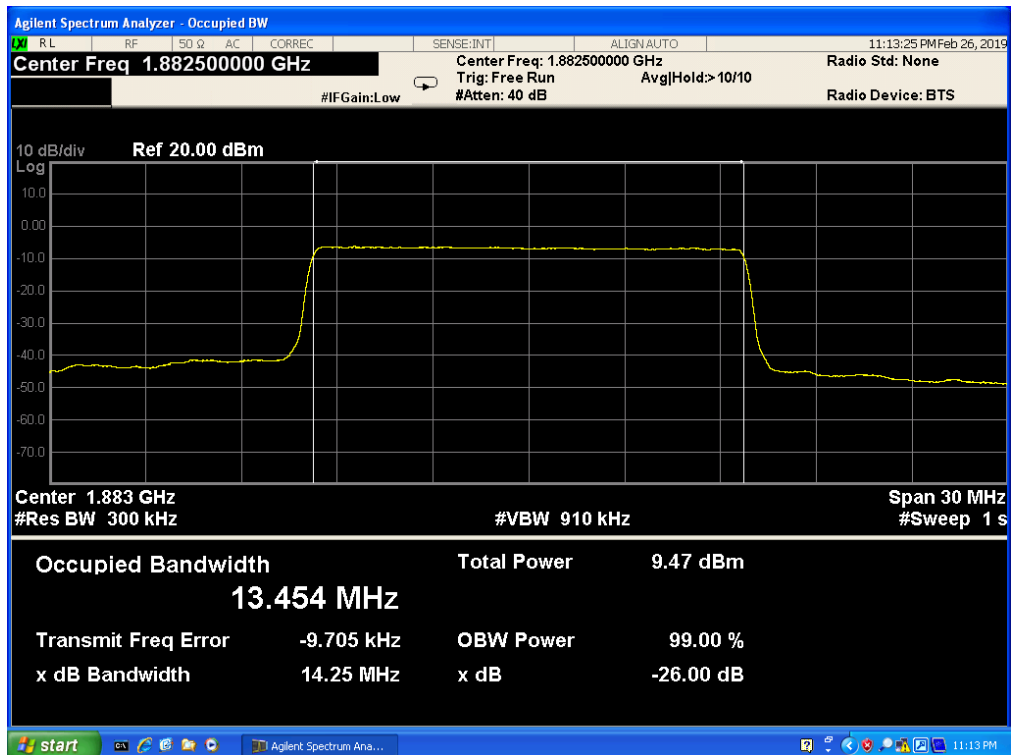
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM



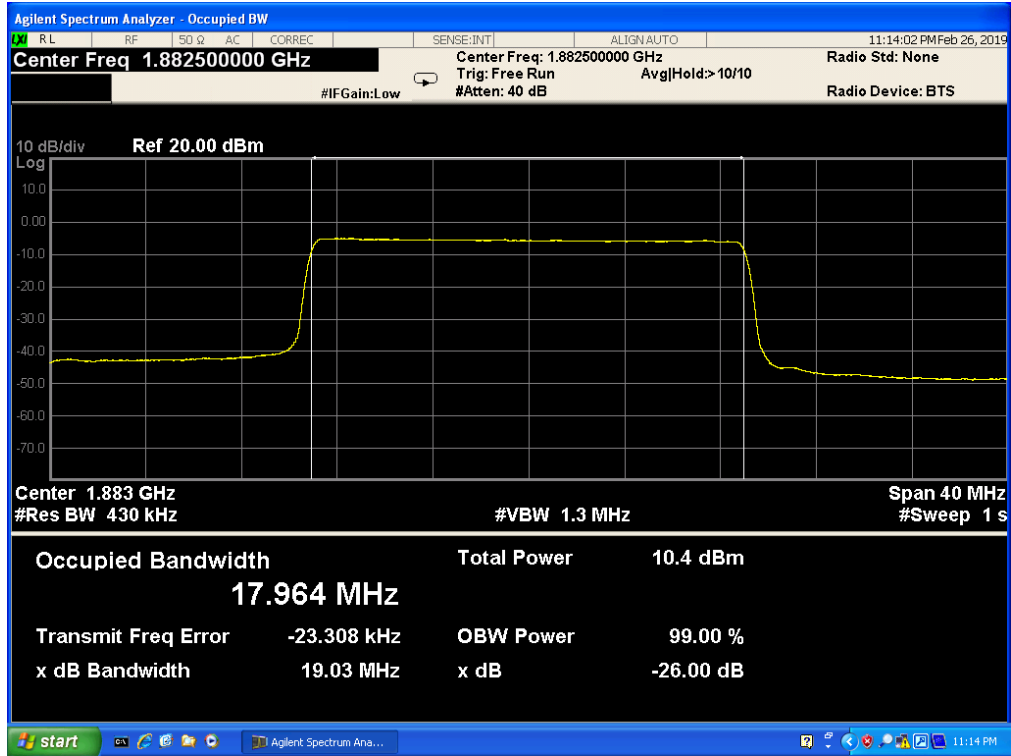
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 15.0, NO. RB 75, RB POS. Low, QPSK



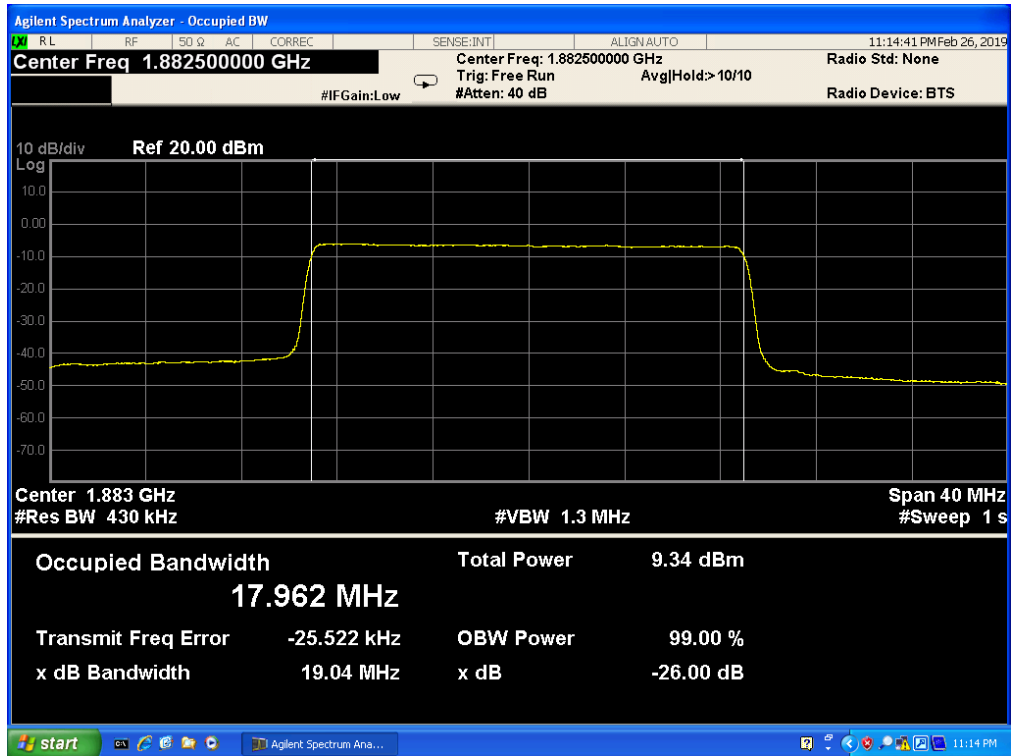
Band 25, UL Channel 26365, UL Frequency 1882.5, BW 15.0, NO. RB 75, RB POS. Low, 16-QAM



Band 25, UL Channel 26365, UL Frequency 1882.5, BW 20.0, NO. RB 100, RB POS. Low, QPSK

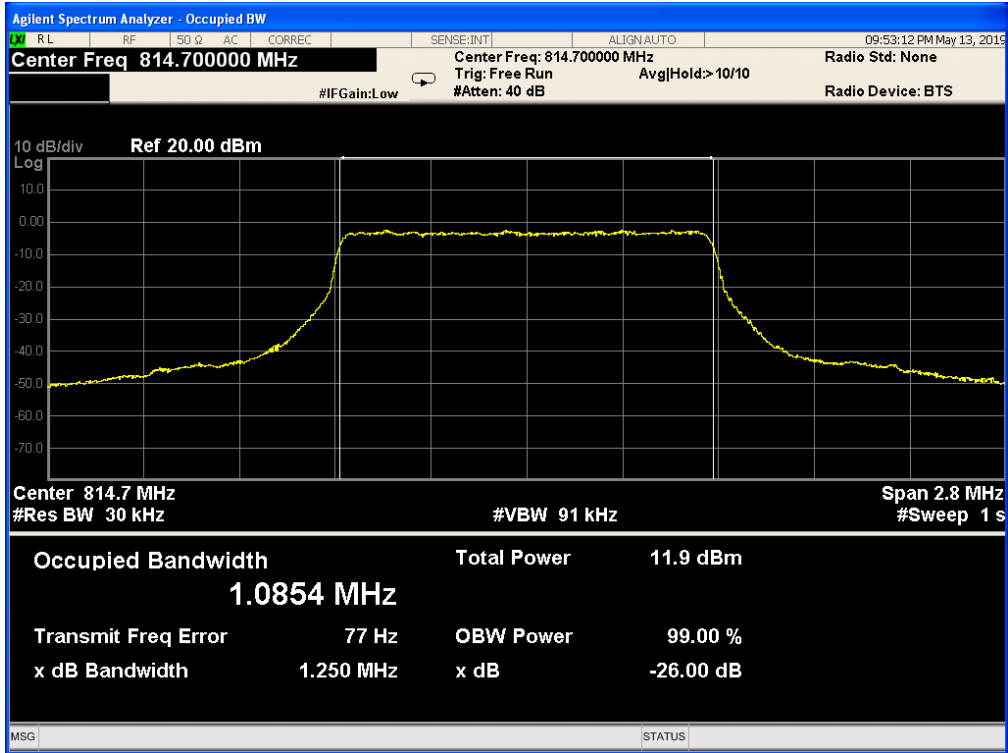


Band 25, UL Channel 26365, UL Frequency 1882.5, BW 20.0, NO. RB 100, RB POS. Low, 16-QAM

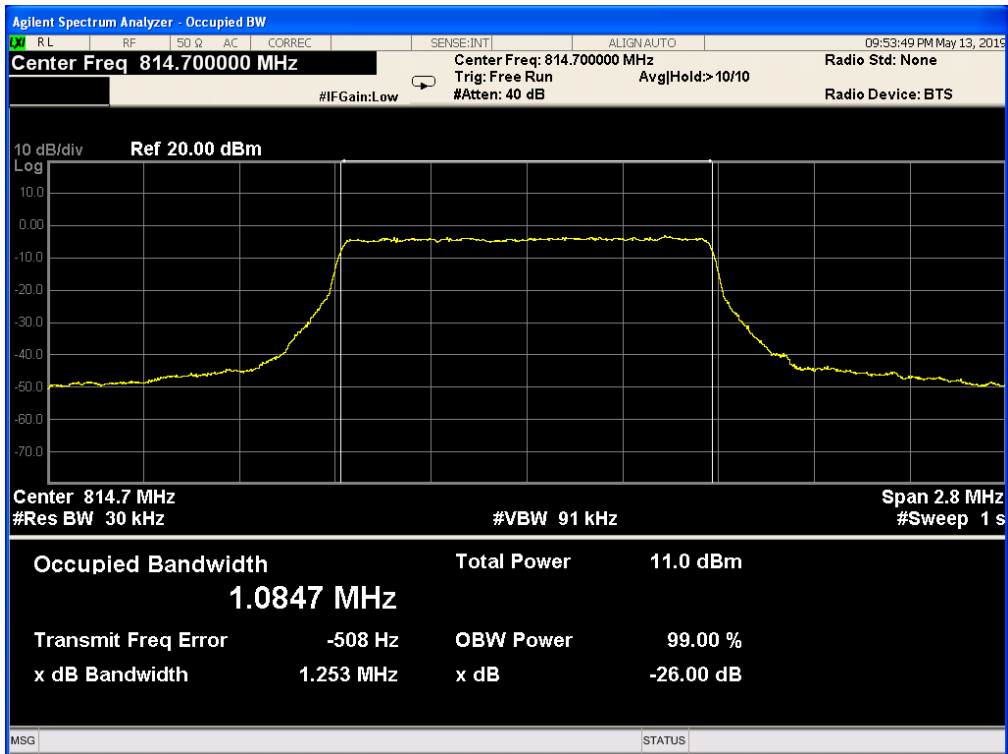


5.9 LTE BAND 26

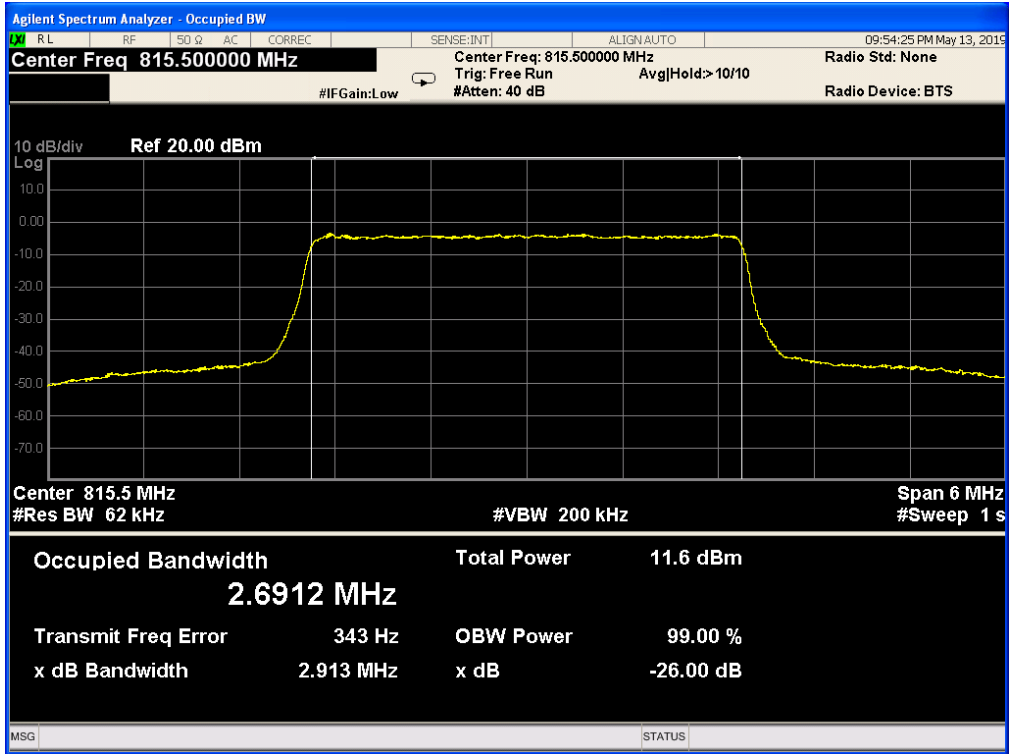
Band 26, UL Channel 26697, UL Frequency 814.7, BW 1.4, NO. RB 6, RB POS. Low, QPSK



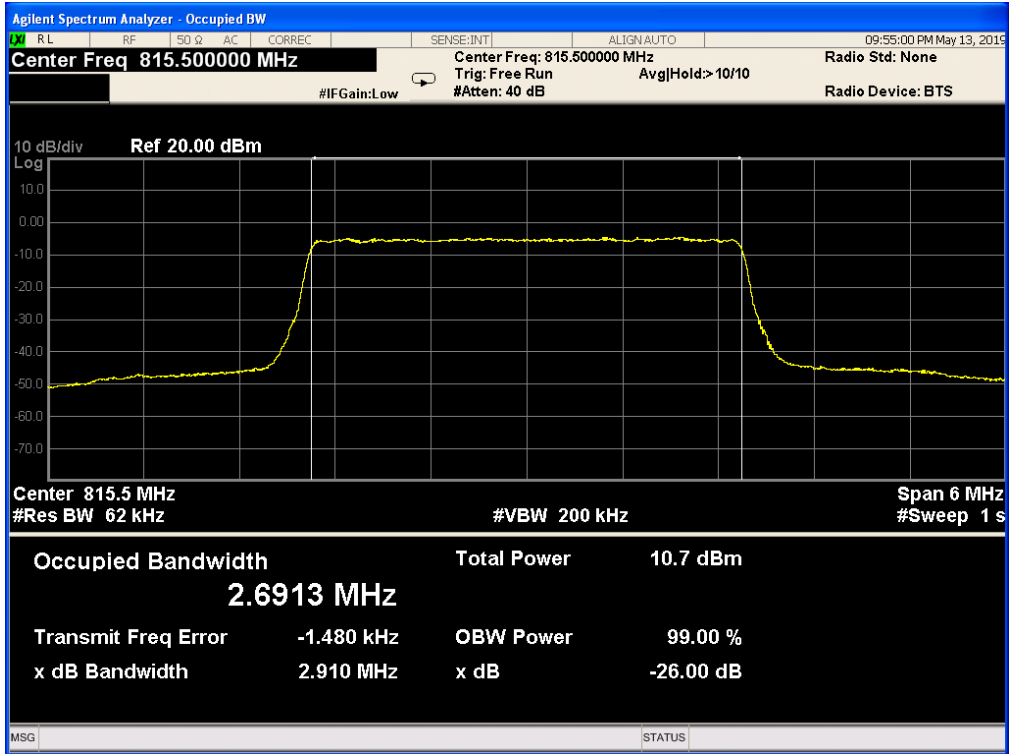
Band 26, UL Channel 26697, UL Frequency 814.7, BW 1.4, NO. RB 6, RB POS. Low, 16-QAM



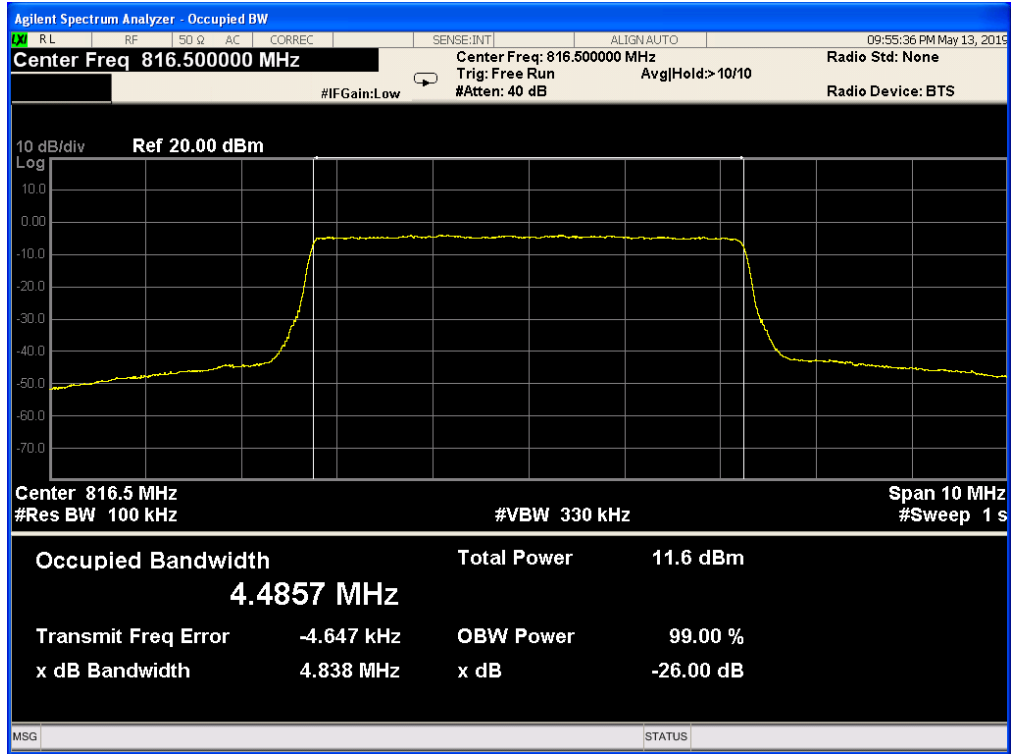
Band 26, UL Channel 26705, UL Frequency 815.5, BW 3.0, NO. RB 15, RB POS. Low, QPSK



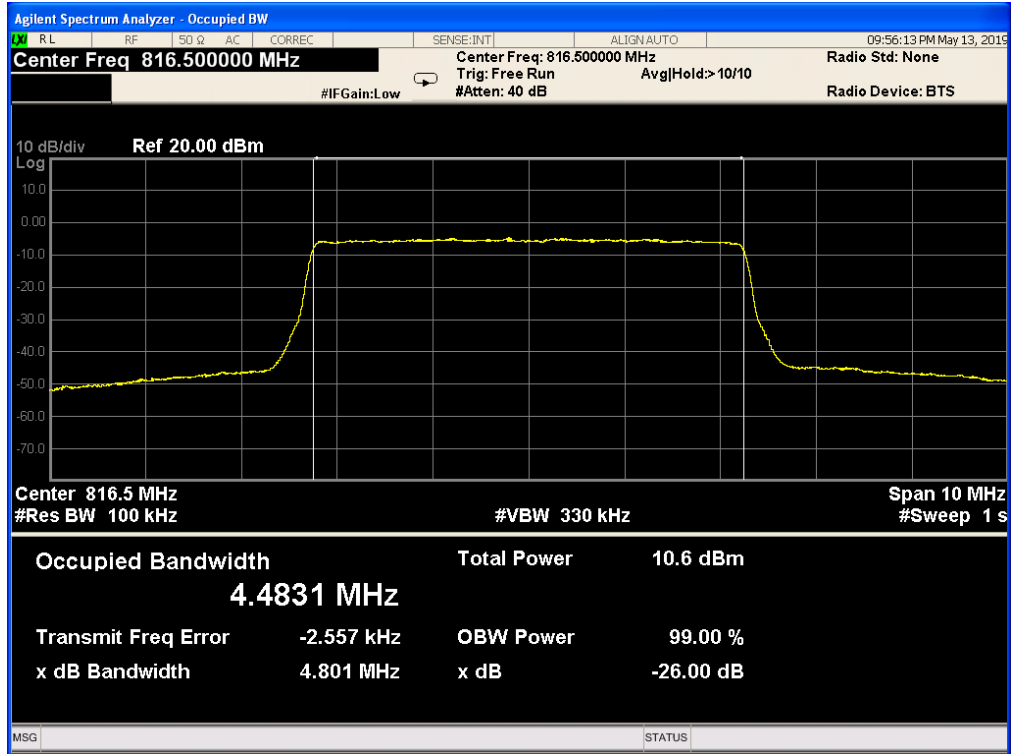
Band 26, UL Channel 26705, UL Frequency 815.5, BW 3.0, NO. RB 15, RB POS. Low, 16-QAM



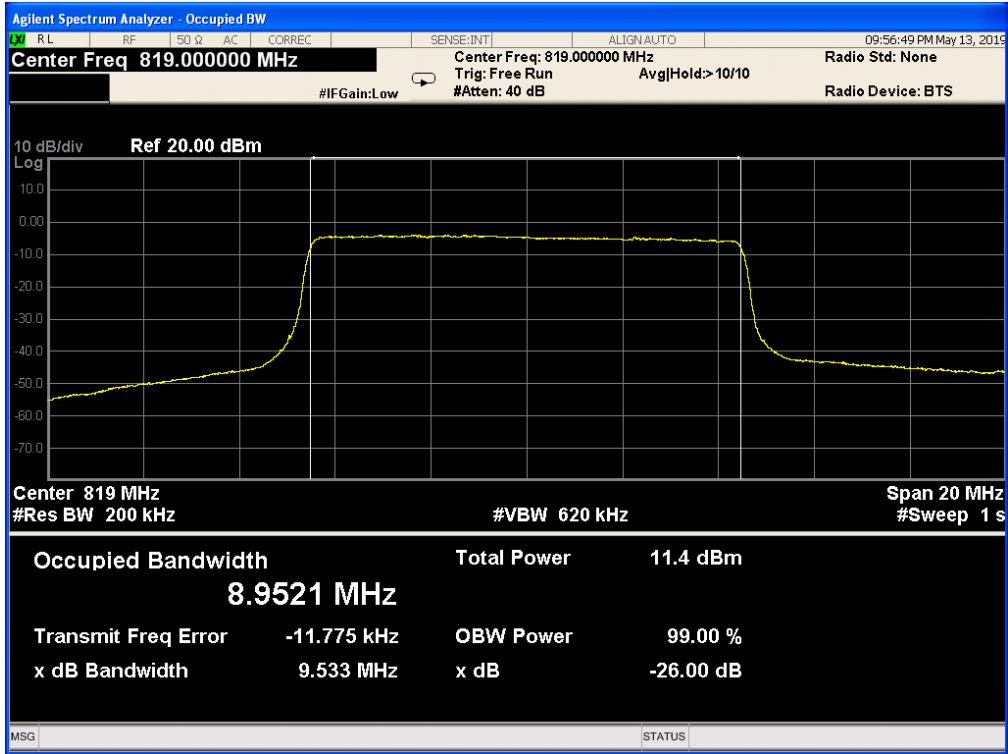
Band 26, UL Channel 26715, UL Frequency 816.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



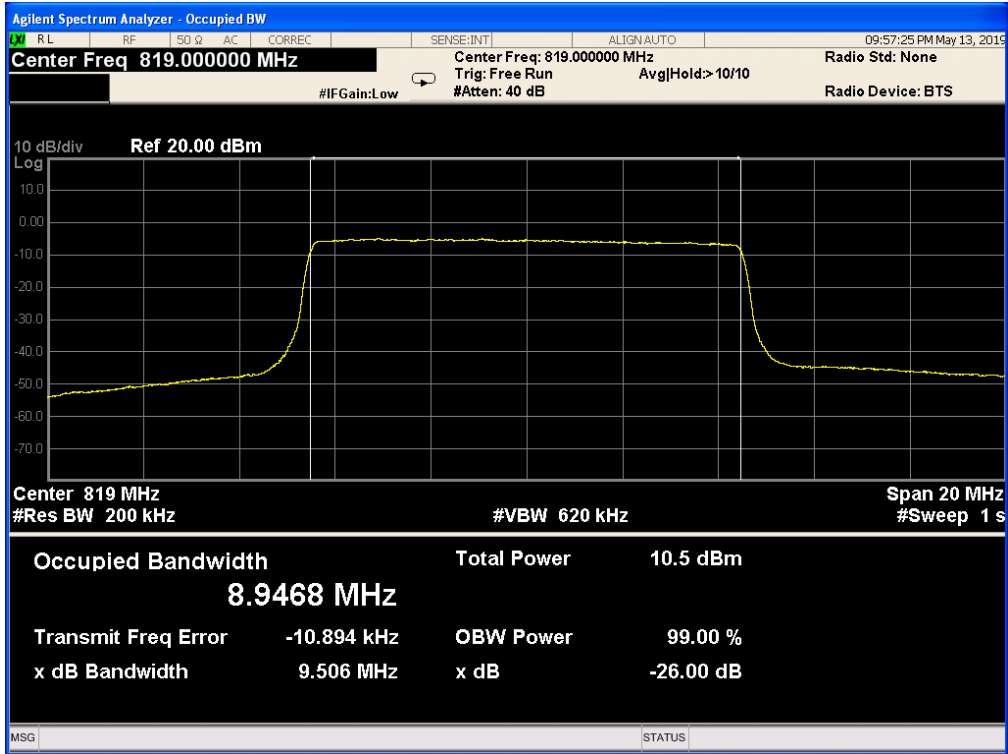
Band 26, UL Channel 26715, UL Frequency 816.5, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM



Band 26, UL Channel 26740, UL Frequency 819.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK

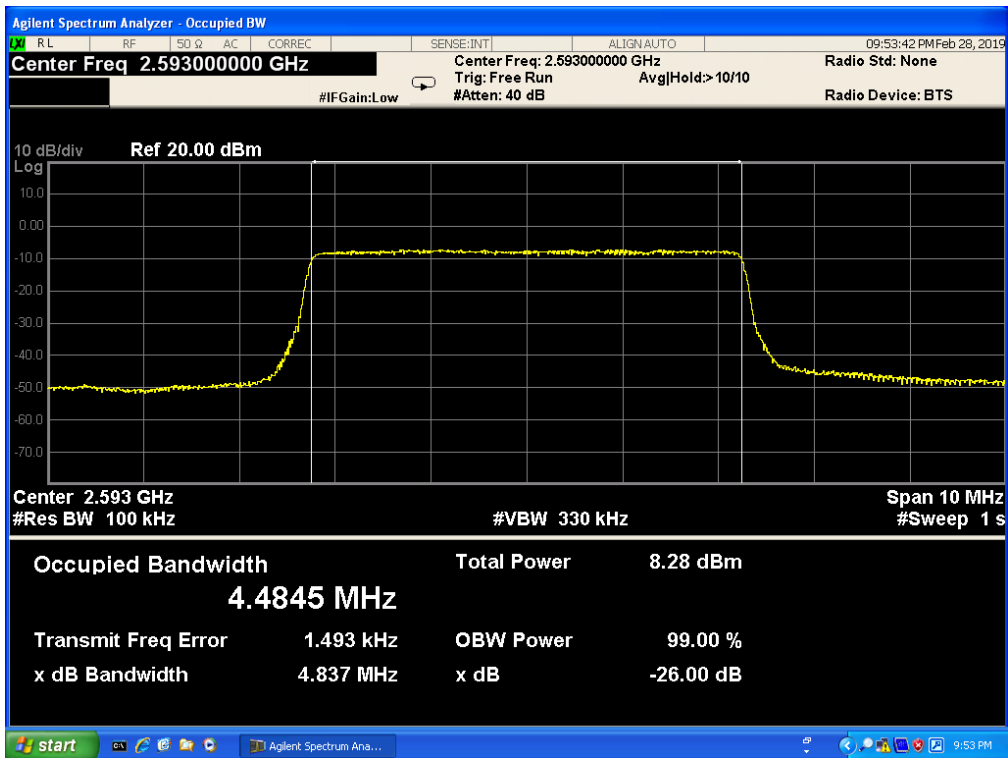


Band 26, UL Channel 26740, UL Frequency 819.0, BW 10.0, NO. RB 50, RB POS. Low, 16-QAM



5.10 LTE BAND 41

Band 41, UL Channel 40620, UL Frequency 2593.0, BW 5.0, NO. RB 25, RB POS. Low, QPSK



Band 41, UL Channel 40620, UL Frequency 2593.0, BW 5.0, NO. RB 25, RB POS. Low, 16-QAM

