RF TEST REPORT

Applicant	ZTE Corporation
FCC ID	SRQ-ZTEA2322G
Product	5G Digital Mobile Phone
Model	ZTE A2322G
Report No.	R2105A447-R1
Issue Date	August 11, 2021

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2020)/ FCC CFR47 Part 27C (2020)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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Approved by: Kai Xu

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Summary of Measurement Results

Number	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	2.1046 /27.50(d)(4) /27.50(c)(10) /27.50(h)(2)	PASS
2	Occupied Bandwidth	2.1049	PASS
3	Band Edge Compliance	27.53(h) /27.53(g) /27.53(m)	PASS
4	Peak-to-Average Power Ratio	27.50(d)/KDB971168 D01(5.7)	PASS
5	Frequency Stability	2.1055 / 27.54	PASS
6	Spurious Emissions at Antenna Terminals	2.1051 /27.53(h) /27.53(g) /27.53(m)	PASS
7	Radiates Spurious Emission	2.1053 /27.53(h) /27.53(g) /27/27.53(m)	PASS
Date of Testing: May 26, 2021 ~ July 19, 2020 Date of Sample Received: May 25, 2021			
Note: PASS: The EUT complies with the essential requirements in the standard. FAIL: The EUT does not comply with the essential requirements in the standard. All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **TA technology (shanghai) co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein .Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3 Testing Location

Company:	TA Technology (Shanghai) Co., Ltd.
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City:	Shanghai
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2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

Applicant	ZTE Corporation
Applicant address	ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057, P.R.China
Manufacturer	ZTE Corporation
Manufacturer address	ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057, P.R.China

2.2 General information

EUT Description			
Model	ZTE A2322G		
IMEI	IMEI 1: 867210050001095 IMEI 2:867210050002697		
Hardware Version	ZTE A2322GHW1.0		
Software Version 1	GEN_NA_A2322G_V1.0		
Software Version 2	TEL_MX_ZTE_A2322G_V1.0		
Power Supply	Battery / AC adapter		
Antenna Type	Internal Antenna		
Antenna Gain	Band	Antenna1	Antenna2
	LTE Band 4:	-1.9dBi	/
	LTE Band 7:	-0.1dBi	/
	LTE Band 12:	-4.8dBi	-6.8dBi
	LTE Band 17:	-4.8dBi	-6.8dBi
	LTE Band 38:	-0.1dBi	/
	LTE Band 41:	-0.1dBi	/
	LTE Band 66:	-3.1dBi	/
Test Mode(s)	LTE Band 4/7/12/17/38/41/66; CA_7C/CA_41C		
Test Modulation	(LTE)QPSK 16QAM; 64QAM;		
LTE Category	13		
Maximum E.I.R.P./ E.R.P.	LTE Band 4:	23.09dBm	
	LTE Band 7:	24.87dBm	
	LTE Band 12:	18.09dBm	
	LTE Band 17:	18.07dBm	
	LTE Band 38:	24.80dBm	
	LTE Band 41:	24.85dBm	
	LTE Band 66:	21.81dBm	

Rated Power Supply Voltage	3.87V		
Operating Voltage	Minimum: 3.6V Maximum: 4.2V		
Operating Temperature	Lowest: -10°C Highest: +45°C		
Extreme Temperature	Lowest: -30°C Highest: +50°C		
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)
	LTE Band 4	1710 ~ 1755	2110 ~ 2155
	LTE Band 7	2500 ~ 2570	2620 ~ 2690
	LTE Band 12	699 ~ 716	729 ~ 746
	LTE Band 17	704 ~ 716	734 ~ 746
	LTE Band 38	2570 ~ 2620	2570 ~ 2620
	LTE Band 41	2496 ~ 2690	2496 ~ 2690
	LTE Band 66	1710 ~ 1780	2110 ~ 2180
EUT Accessory			
Adapter	Manufacturer: Shenzhen KunXing Industrial Co Ltd Model: STC-A59152050AC-Z		
Battery	Manufacturer: Ningde Amperex Technology Limited Model: Li3941T44PGh836548		
Earphone 1	Manufacturer: Shen zhen FDC Electronic Co.,Ltd. Model: DEM-9B		
Earphone 2	Manufacturer: JUWEI ELECTRONICS CO.,LTD Model: JWEP1092-Z01		
USB Cable 1	Manufacturer: King Power Electronics Co.,Ltd Model: TC20-TC20-W-100-M-6A-HSF		
USB Cable 2	Manufacturer: Luxshare-ICT Co., Ltd Model: TC20-TC20-W-100-M-6A-HSF		
Type-C to 3.5 mm Headphone Jack Adapter	Manufacture: HUIZHOU JUWEI ELECTRONICS CO. ,LTD Model: JWUB1389-Z01		
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant. 2. There is more than one USB cable/ Earphone, each one should be applied throughout the compliance test respectively, and however, only the worst case (USB cable 1/ Earphone 2) will be recorded in this report. 3. The two different software versions are for different market requirement.			

3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:

FCC CFR47 Part 27C (2020)

ANSI C63.26 (2015)

Reference standard:

FCC CFR47 Part 2 (2020)

KDB 971168 D01 Power Meas License Digital Systems v03r01

4 Test Configuration

There is more than one SIM card slot, each one should be applied throughout the compliance test respectively, and however, only the worst case (SIM 1) will be recorded in this report

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (Z axis, horizontal polarization)and the worst case was recorded.
All mode and data rates and positions and RB size and modulations were investigated.
Subsequently, only the worst case emissions are reported.
The following testing in LTE is set based on the maximum RF Output Power.
The following testing in different Bandwidth is set to detailin the following table:
Test modes are chosen to be reported as the worst case configuration below:

Test modes are chosen to be reported as the worst case configuration below for LTE Band 4/7/12/13/17/41:

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM/ 64QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 38	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	LTE 4	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 7	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 12	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 17	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 38	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 66	O	O	O	O	O	O	O	O	O		O	O	-	O
Peak-to-Average Power Ratio	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	LTE 4	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 7	-	-	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 12	O	O	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 38	-	-	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 41	-	-	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 66	O	O	O	O	O	O	O	O	O	-	-	-	O	-
Spurious Emissions at	LTE 4	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 7	-	-	O	O	O	O	O	-	O	-	-	O	O	O

Antenna Terminals	LTE 12	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 38	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 41	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 66	O	O	O	O	O	O	O	-	O	-	-	O	O	O
Radiates Spurious Emission	LTE 4	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 7	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 12	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 38	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 41	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 66	O	O	O	O	O	O	O	-	O	-	-	-	O	-
Note	1. The mark “O” means that this configuration is chosen for testing. 2. The mark “-” means that this configuration is not testing.														

5 Test Case Results

5.1 RF Power Output and Effective Isotropic Radiated Power

Ambient condition

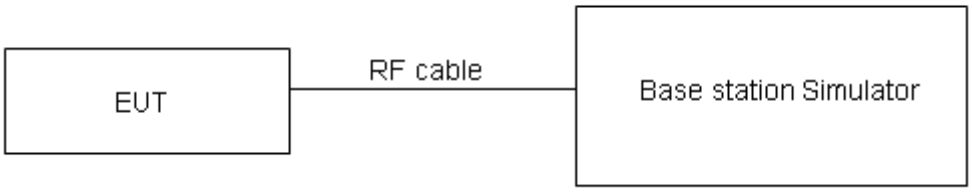
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:
EIRP (dBm) = Output Power (dBm) - Losses (dB) + Antenna Gain (dBi)
where:dBd refers to gain relative to an ideal dipole.
EIRP (dBm) = ERP (dBm) + 2.15 (dB.)

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 27.50(b) (10) specifies that “Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP”
Rule Part 27.50(c) (10) specifies that “Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP”
Rule Part 27.50(d) (4) specifies that “Fixed, mobile and portable (hand-held) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP”
Rule Part 27.50(h) (2) specifies that “Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.”
Rule Part 27.50(a) (3) specifies that “(i) For mobile and portable stations transmitting in the

2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. ”

Part 27.50(c)(10)Limit	≤ 3 W (34.77 dBm)
Part 27.50(d)(4)Limit	≤ 1 W (30 dBm)
Part 27.50(h)(2) Limit	≤ 2 W (33 dBm)

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U=0.4 dB for RF power output, k = 2, U= 1.19 dB for ERP/EIRP.

Test Results

LTE Band 4				Maximum Output Power(dBm)			EIRP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				19957/ 1710.7	20175/ 1732.5	20393/ 1754.3	19957/ 1710.7	20175/ 1732.5	20393/ 1754.3
1.4MHz	QPSK	1	0	24.66	24.71	24.96	22.75	22.80	23.05
		1	2	24.49	24.72	24.77	22.58	22.81	22.86
		1	5	24.66	24.79	24.69	22.75	22.88	22.78
		3	0	24.65	24.88	25.00	22.74	22.97	23.09
		3	2	24.65	24.88	24.96	22.74	22.97	23.05
		3	3	24.65	24.78	24.87	22.74	22.87	22.96
		6	0	23.77	23.94	24.00	21.86	22.03	22.09
	16QAM	1	0	23.95	24.16	24.29	22.04	22.25	22.38
		1	2	23.93	24.09	24.07	22.02	22.18	22.16
		1	5	24.04	24.10	24.11	22.13	22.19	22.20
		3	0	23.65	23.85	23.98	21.74	21.94	22.07
		3	2	23.73	23.86	23.96	21.82	21.95	22.05
		3	3	23.67	23.82	23.85	21.76	21.91	21.94
		6	0	22.75	22.93	23.02	20.84	21.02	21.11
	64QAM	1	0	23.20	23.23	23.25	21.29	21.32	21.34
		1	2	23.17	23.16	23.20	21.26	21.25	21.29
		1	5	23.22	23.27	23.21	21.31	21.36	21.30
		3	0	22.97	22.93	22.97	21.06	21.02	21.06
		3	2	22.95	22.94	22.97	21.04	21.03	21.06
		3	3	22.86	22.87	22.87	20.95	20.96	20.96
		6	0	21.94	21.97	22.01	20.03	20.06	20.10
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				19965/ 1711.5	20175/ 1732.5	20385/ 1753.5	19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
3MHz	QPSK	1	0	24.68	24.75	24.99	22.77	22.84	23.08
		1	7	24.47	24.75	24.81	22.56	22.84	22.90
		1	14	24.69	24.84	24.73	22.78	22.93	22.82
		8	0	23.75	24.00	24.13	21.84	22.09	22.22
		8	4	23.77	23.98	24.08	21.86	22.07	22.17
		8	7	23.75	23.89	23.97	21.84	21.98	22.06

		15	0	23.77	23.98	24.03	21.86	22.07	22.12
	16QAM	1	0	23.98	24.18	24.32	22.07	22.27	22.41
		1	7	23.96	24.09	24.11	22.05	22.18	22.20
		1	14	24.06	24.14	24.14	22.15	22.23	22.23
		8	0	22.76	22.98	23.10	20.85	21.07	21.19
		8	4	22.84	22.99	23.08	20.93	21.08	21.17
		8	7	22.77	22.94	22.98	20.86	21.03	21.07
		15	0	22.78	22.97	23.05	20.87	21.06	21.14
	64QAM	1	0	23.23	23.25	23.28	21.32	21.34	21.37
		1	7	23.20	23.16	23.22	21.29	21.25	21.31
		1	14	23.24	23.26	23.24	21.33	21.35	21.33
		8	0	22.08	22.06	22.09	20.17	20.15	20.18
		8	4	22.06	22.07	22.09	20.15	20.16	20.18
		8	7	21.96	21.99	22.00	20.05	20.08	20.09
		15	0	21.97	22.01	22.04	20.06	20.10	20.13
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				19975/ 1712.5	20175/ 1732.5	20375/ 1752.5	19975/ 1712.5	20175/ 1732.5	20375/ 1752.5
5MHz	QPSK	1	0	24.67	24.74	24.98	22.76	22.83	23.07
		1	13	24.48	24.76	24.82	22.57	22.85	22.91
		1	24	24.68	24.83	24.72	22.77	22.92	22.81
		12	0	23.75	24.00	24.13	21.84	22.09	22.22
		12	6	23.78	23.99	24.07	21.87	22.08	22.16
		12	13	23.75	23.91	23.98	21.84	22.00	22.07
		25	0	23.81	23.99	24.05	21.90	22.08	22.14
	16QAM	1	0	23.97	24.17	24.31	22.06	22.26	22.40
		1	13	23.96	24.11	24.11	22.05	22.20	22.20
		1	24	24.06	24.14	24.13	22.15	22.23	22.22
		12	0	22.77	22.99	23.11	20.86	21.08	21.20
		12	6	22.83	22.98	23.07	20.92	21.07	21.16
		12	13	22.77	22.94	22.98	20.86	21.03	21.07
		25	0	22.79	22.98	23.04	20.88	21.07	21.13
	64QAM	1	0	23.22	23.24	23.27	21.31	21.33	21.36
		1	13	23.20	23.18	23.22	21.29	21.27	21.31
		1	24	23.24	23.26	23.23	21.33	21.35	21.32
		12	0	22.09	22.07	22.10	20.18	20.16	20.19
		12	6	22.05	22.06	22.08	20.14	20.15	20.17

		12	13	21.96	21.99	22.00	20.05	20.08	20.09
		25	0	21.98	22.02	22.03	20.07	20.11	20.12
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20000/ 1715	20175/ 1732.5	20350/ 1750	20000/ 1715	20175/ 1732.5	20350/ 1750
10MHz	QPSK	1	0	24.66	24.70	24.96	22.75	22.79	23.05
		1	25	24.46	24.75	24.79	22.55	22.84	22.88
		1	49	24.65	24.78	24.68	22.74	22.87	22.77
		25	0	23.73	23.96	24.10	21.82	22.05	22.19
		25	13	23.75	23.94	24.03	21.84	22.03	22.12
		25	25	23.72	23.88	23.94	21.81	21.97	22.03
		50	0	23.79	23.95	24.00	21.88	22.04	22.09
	16QAM	1	0	23.92	24.15	24.29	22.01	22.24	22.38
		1	25	23.94	24.08	24.09	22.03	22.17	22.18
		1	49	24.03	24.10	24.10	22.12	22.19	22.19
		25	0	22.74	22.97	23.08	20.83	21.06	21.17
		25	13	22.80	22.93	23.03	20.89	21.02	21.12
		25	25	22.75	22.90	22.95	20.84	20.99	21.04
		50	0	22.76	22.93	23.00	20.85	21.02	21.09
	64QAM	1	0	23.17	23.22	23.25	21.26	21.31	21.34
		1	25	23.18	23.15	23.20	21.27	21.24	21.29
		1	49	23.25	23.25	23.24	21.34	21.34	21.33
		25	0	22.08	22.09	22.11	20.17	20.18	20.20
		25	13	22.03	22.03	22.07	20.12	20.12	20.16
		25	25	21.94	21.95	21.97	20.03	20.04	20.06
		50	0	21.95	21.97	21.99	20.04	20.06	20.08
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20025/ 1717.5	20175/ 1732.5	20325/ 1747.5	20025/ 1717.5	20175/ 1732.5	20325/ 1747.5
15MHz	QPSK	1	0	24.65	24.73	24.95	22.74	22.82	23.04
		1	38	24.45	24.71	24.78	22.54	22.80	22.87
		1	74	24.66	24.79	24.69	22.75	22.88	22.78
		36	0	23.72	23.95	24.09	21.81	22.04	22.18
		36	18	23.75	23.94	24.03	21.84	22.03	22.12
		36	39	23.73	23.87	23.93	21.82	21.96	22.02
		75	0	23.77	23.97	24.01	21.86	22.06	22.10
	16QAM	1	0	23.95	24.14	24.29	22.04	22.23	22.38

		1	38	23.93	24.07	24.08	22.02	22.16	22.17
		1	74	24.03	24.12	24.10	22.12	22.21	22.19
		36	0	22.74	22.94	23.07	20.83	21.03	21.16
		36	18	22.81	22.94	23.04	20.90	21.03	21.13
		36	39	22.74	22.89	22.94	20.83	20.98	21.03
		75	0	22.76	22.93	23.00	20.85	21.02	21.09
	64QAM	1	0	23.20	23.25	23.25	21.29	21.34	21.34
		1	38	23.17	23.18	23.19	21.26	21.27	21.28
		1	74	23.25	23.24	23.20	21.34	21.33	21.29
		36	0	22.06	22.02	22.10	20.15	20.11	20.19
		36	18	22.03	22.02	22.05	20.12	20.11	20.14
		36	39	21.93	21.94	21.96	20.02	20.03	20.05
		75	0	21.95	21.97	21.99	20.04	20.06	20.08
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20050/ 1720	20175/ 1732.5	20300/ 1745	20050/ 1720	20175/ 1732.5	20300/ 1745
20MHz	QPSK	1	0	24.63	24.66	24.93	22.72	22.75	23.02
		1	50	24.45	24.71	24.77	22.54	22.80	22.86
		1	99	24.63	24.77	24.65	22.72	22.86	22.74
		50	0	23.70	23.91	24.06	21.79	22.00	22.15
		50	25	23.73	23.90	24.00	21.82	21.99	22.09
		50	50	23.69	23.83	23.90	21.78	21.92	21.99
		100	0	23.76	23.90	23.96	21.85	21.99	22.05
	16QAM	1	0	23.95	24.11	24.24	22.04	22.20	22.33
		1	50	23.90	24.06	24.05	21.99	22.15	22.14
		1	99	24.01	24.07	24.08	22.10	22.16	22.17
		50	0	22.71	22.93	23.05	20.80	21.02	21.14
		50	25	22.77	22.91	23.00	20.86	21.00	21.09
		50	50	22.72	22.85	22.91	20.81	20.94	21.00
		100	0	22.74	22.89	22.97	20.83	20.98	21.06
	64QAM	1	0	23.15	23.18	23.20	21.24	21.27	21.29
		1	50	23.14	23.13	23.16	21.23	21.22	21.25
		1	99	23.19	23.19	23.18	21.28	21.28	21.27
		50	0	22.03	22.01	22.04	20.12	20.10	20.13
		50	25	21.99	21.99	22.01	20.08	20.08	20.10
		50	50	21.91	21.90	21.93	20.00	19.99	20.02
		100	0	21.93	21.93	21.96	20.02	20.02	20.05

LTE Band 7				Maximum Output Power(dBm)			EIRP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20775/ 2502.5	21100/ 2535	21425/ 2567.5	20775/ 2502.5	21100/ 2535	21425/ 2567.5
5MHz	QPSK	1	0	24.80	24.95	24.86	24.69	24.84	24.75
		1	13	24.77	24.94	24.86	24.66	24.83	24.75
		1	24	24.87	24.98	24.92	24.76	24.87	24.81
		12	0	23.91	24.07	23.98	23.80	23.96	23.87
		12	6	24.02	24.07	24.11	23.91	23.96	24.00
		12	13	24.04	24.13	24.06	23.93	24.02	23.95
		25	0	23.98	24.07	24.06	23.87	23.96	23.95
	16QAM	1	0	24.29	24.29	24.26	24.18	24.18	24.15
		1	13	24.27	24.33	24.28	24.16	24.22	24.17
		1	24	24.26	24.37	24.29	24.15	24.26	24.18
		12	0	22.92	23.03	22.97	22.81	22.92	22.86
		12	6	23.06	23.11	23.10	22.95	23.00	22.99
		12	13	23.06	23.16	23.08	22.95	23.05	22.97
		25	0	23.00	23.05	23.04	22.89	22.94	22.93
	64QAM	1	0	23.14	23.18	23.17	23.03	23.07	23.06
		1	13	23.24	23.23	23.23	23.13	23.12	23.12
		1	24	23.27	23.28	23.28	23.16	23.17	23.17
		12	0	21.93	21.94	21.91	21.82	21.83	21.80
		12	6	21.98	22.01	21.99	21.87	21.90	21.88
		12	13	21.98	22.04	21.99	21.87	21.93	21.88
		25	0	21.85	21.92	21.89	21.74	21.81	21.78
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20800/ 2505	21100/ 2535	21400/ 2565	20800/ 2505	21100/ 2535	21400/ 2565
10MHz	QPSK	1	0	24.78	24.90	24.83	24.67	24.79	24.72
		1	25	24.76	24.94	24.84	24.65	24.83	24.73
		1	49	24.83	24.92	24.87	24.72	24.81	24.76
		25	0	23.89	24.03	23.95	23.78	23.92	23.84
		25	13	24.00	24.03	24.06	23.89	23.92	23.95
		25	25	24.01	24.12	24.03	23.90	24.01	23.92
		50	0	24.00	24.04	24.03	23.89	23.93	23.92
	16QAM	1	0	24.23	24.26	24.23	24.12	24.15	24.12

		1	25	24.25	24.32	24.26	24.14	24.21	24.15
		1	49	24.23	24.33	24.25	24.12	24.22	24.14
		25	0	22.90	23.02	22.95	22.79	22.91	22.84
		25	13	23.02	23.05	23.05	22.91	22.94	22.94
		25	25	23.04	23.12	23.05	22.93	23.01	22.94
		50	0	22.98	23.01	22.99	22.87	22.90	22.88
	64QAM	1	0	23.08	23.15	23.14	22.97	23.04	23.03
		1	25	23.22	23.22	23.21	23.11	23.11	23.10
		1	49	23.28	23.27	23.28	23.17	23.16	23.17
		25	0	21.93	21.97	21.93	21.82	21.86	21.82
		25	13	21.95	21.97	21.97	21.84	21.86	21.86
		25	25	21.96	22.00	21.96	21.85	21.89	21.85
		50	0	21.83	21.88	21.84	21.72	21.77	21.73
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20825/ 2507.5	21100/ 2535	21375/ 2562.5	20825/ 2507.5	21100/ 2535	21375/ 2562.5
15MHz	QPSK	1	0	24.79	24.94	24.85	24.68	24.83	24.74
		1	38	24.78	24.95	24.87	24.67	24.84	24.76
		1	74	24.86	24.97	24.91	24.75	24.86	24.80
		36	0	23.91	24.07	23.98	23.80	23.96	23.87
		36	18	24.03	24.08	24.10	23.92	23.97	23.99
		36	39	24.04	24.15	24.07	23.93	24.04	23.96
		75	0	24.02	24.08	24.08	23.91	23.97	23.97
	16QAM	1	0	24.28	24.28	24.25	24.17	24.17	24.14
		1	38	24.27	24.35	24.28	24.16	24.24	24.17
		1	74	24.26	24.37	24.28	24.15	24.26	24.17
		36	0	22.93	23.04	22.98	22.82	22.93	22.87
		36	18	23.05	23.10	23.09	22.94	22.99	22.98
		36	39	23.06	23.16	23.08	22.95	23.05	22.97
		75	0	23.01	23.06	23.03	22.90	22.95	22.92
	64QAM	1	0	23.13	23.17	23.16	23.02	23.06	23.05
		1	38	23.24	23.25	23.23	23.13	23.14	23.12
		1	74	23.27	23.28	23.27	23.16	23.17	23.16
		36	0	21.94	21.95	21.92	21.83	21.84	21.81
		36	18	21.97	22.00	21.98	21.86	21.89	21.87
		36	39	21.98	22.04	21.99	21.87	21.93	21.88
		75	0	21.86	21.93	21.88	21.75	21.82	21.77

BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				20850/ 2510	21100/ 2535	21350/ 2560	20850/ 2510	21100/ 2535	21350/ 2560
20MHz	QPSK	1	0	24.75	24.86	24.80	24.64	24.75	24.69
		1	50	24.75	24.90	24.82	24.64	24.79	24.71
		1	99	24.81	24.91	24.84	24.7	24.8	24.73
		50	0	23.86	23.98	23.91	23.75	23.87	23.8
		50	25	23.98	23.99	24.03	23.87	23.88	23.92
		50	50	23.98	24.07	23.99	23.87	23.96	23.88
		100	0	23.97	23.99	23.99	23.86	23.88	23.88
	16QAM	1	0	24.15	24.22	24.18	24.04	24.11	24.07
		1	50	24.21	24.30	24.22	24.1	24.19	24.11
		1	99	24.21	24.30	24.23	24.1	24.19	24.12
		50	0	22.87	22.98	22.92	22.76	22.87	22.81
		50	25	22.99	23.03	23.02	22.88	22.92	22.91
		50	50	23.01	23.07	23.01	22.9	22.96	22.9
		100	0	22.96	22.97	22.96	22.85	22.86	22.85
	64QAM	1	0	23.06	23.11	23.09	22.95	23	22.98
		1	50	23.18	23.20	23.17	23.07	23.09	23.06
		1	99	23.22	23.21	23.22	23.11	23.1	23.11
		50	0	21.88	21.89	21.86	21.77	21.78	21.75
		50	25	21.91	21.93	21.91	21.8	21.82	21.8
		50	50	21.93	21.95	21.92	21.82	21.84	21.81
		100	0	21.81	21.84	21.81	21.7	21.73	21.7

LTE Band 12				Maximum Output Power(dBm)			Antenna1 ERP (dBm)			Antenna2 ERP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)								
				23017/ 699.7	23095/ 707.5	23173/ 715.3	23017/ 699.7	23095/ 707.5	23173/ 715.3	23017/ 699.7	23095/ 707.5	23173/ 715.3
1.4MHz	QPSK	1	0	24.95	24.98	24.96	18.00	18.03	18.01	16.00	16.03	16.01
		1	2	24.93	24.96	24.89	17.98	18.01	17.94	15.98	16.01	15.94
		1	5	24.96	24.96	24.94	18.01	18.01	17.99	16.01	16.01	15.99
		3	0	24.99	25.00	24.94	18.04	18.05	17.99	16.04	16.05	15.99
		3	2	25.01	25.00	24.98	18.06	18.05	18.03	16.06	16.05	16.03
		3	3	25.04	25.03	25.03	18.09	18.08	18.08	16.09	16.08	16.08
		6	0	24.09	24.10	24.04	17.14	17.15	17.09	15.14	15.15	15.09
	16QAM	1	0	24.33	24.41	24.34	17.38	17.46	17.39	15.38	15.46	15.39
		1	2	24.31	24.35	24.33	17.36	17.40	17.38	15.36	15.40	15.38
		1	5	24.33	24.35	24.32	17.38	17.40	17.37	15.38	15.40	15.37
		3	0	23.96	23.98	23.94	17.01	17.03	16.99	15.01	15.03	14.99
		3	2	24.06	24.00	23.95	17.11	17.05	17.00	15.11	15.05	15.00
		3	3	24.01	24.09	24.00	17.06	17.14	17.05	15.06	15.14	15.05
		6	0	23.12	23.05	23.06	16.17	16.10	16.11	14.17	14.10	14.11
	64QAM	1	0	23.10	23.12	23.04	16.15	16.17	16.09	14.15	14.17	14.09
		1	2	23.03	23.10	23.08	16.08	16.15	16.13	14.08	14.15	14.13
		1	5	23.03	23.05	23.06	16.08	16.10	16.11	14.08	14.10	14.11
		3	0	22.69	22.62	22.66	15.74	15.67	15.71	13.74	13.67	13.71
		3	2	22.77	22.69	22.68	15.82	15.74	15.73	13.82	13.74	13.73
		3	3	22.72	22.75	22.67	15.77	15.80	15.72	13.77	13.80	13.72
		6	0	21.80	21.74	21.75	14.85	14.79	14.80	12.85	12.79	12.80
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)								
				23025/ 700.5	23095/ 707.5	23165/ 714.5	23025/ 700.5	23095/ 707.5	23165/ 714.5	23025/ 700.5	23095/ 707.5	23165/ 714.5
3MHz	QPSK	1	0	24.97	25.02	24.99	18.02	18.07	18.04	16.02	16.07	16.04
		1	7	24.91	24.99	24.93	17.96	18.04	17.98	15.96	16.04	15.98
		1	14	24.99	25.01	24.98	18.04	18.06	18.03	16.04	16.06	16.03
		8	0	24.09	24.12	24.07	17.14	17.17	17.12	15.14	15.17	15.12
		8	4	24.13	24.10	24.10	17.18	17.15	17.15	15.18	15.15	15.15
		8	7	24.14	24.14	24.13	17.19	17.19	17.18	15.19	15.19	15.18
		15	0	24.06	24.14	24.07	17.11	17.19	17.12	15.11	15.19	15.12
	16QAM	1	0	24.36	24.43	24.37	17.41	17.48	17.42	15.41	15.48	15.42

		1	7	24.34	24.35	24.37	17.39	17.40	17.42	15.39	15.40	15.42
		1	14	24.35	24.39	24.35	17.40	17.44	17.40	15.40	15.44	15.40
		8	0	23.07	23.11	23.06	16.12	16.16	16.11	14.12	14.16	14.11
		8	4	23.17	23.13	23.07	16.22	16.18	16.12	14.22	14.18	14.12
		8	7	23.11	23.21	23.13	16.16	16.26	16.18	14.16	14.26	14.18
		15	0	23.15	23.09	23.09	16.20	16.14	16.14	14.20	14.14	14.14
	64QAM	1	0	23.13	23.14	23.07	16.18	16.19	16.12	14.18	14.19	14.12
		1	7	23.06	23.05	23.10	16.11	16.10	16.15	14.11	14.10	14.15
		1	14	23.05	23.04	23.09	16.10	16.09	16.14	14.10	14.09	14.14
		8	0	21.80	21.75	21.78	14.85	14.80	14.83	12.85	12.80	12.83
		8	4	21.88	21.82	21.80	14.93	14.87	14.85	12.93	12.87	12.85
		8	7	21.82	21.87	21.80	14.87	14.92	14.85	12.87	12.92	12.85
		15	0	21.83	21.78	21.78	14.88	14.83	14.83	12.88	12.83	12.83
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)								
				23035/ 701.5	23095/ 707.5	23155/ 713.5	23035/ 701.5	23095/ 707.5	23155/ 713.5	23035/ 701.5	23095/ 707.5	23155/ 713.5
5MHz	QPSK	1	0	24.95	24.97	24.96	18.00	18.02	18.01	16.00	16.02	16.01
		1	13	24.90	24.99	24.91	17.95	18.04	17.96	15.95	16.04	15.96
		1	24	24.95	24.95	24.93	18.00	18.00	17.98	16.00	16.00	15.98
		12	0	24.07	24.08	24.04	17.12	17.13	17.09	15.12	15.13	15.09
		12	6	24.11	24.06	24.05	17.16	17.11	17.10	15.16	15.11	15.10
		12	13	24.11	24.13	24.10	17.16	17.18	17.15	15.16	15.18	15.15
		25	0	24.02	24.11	24.04	17.07	17.16	17.09	15.07	15.16	15.09
	16QAM	1	0	24.30	24.40	24.34	17.35	17.45	17.39	15.35	15.45	15.39
		1	13	24.32	24.34	24.35	17.37	17.39	17.40	15.37	15.39	15.40
		1	24	24.32	24.35	24.31	17.37	17.40	17.36	15.37	15.40	15.36
		12	0	23.05	23.10	23.04	16.10	16.15	16.09	14.10	14.15	14.09
		12	6	23.13	23.07	23.02	16.18	16.12	16.07	14.18	14.12	14.07
		12	13	23.09	23.17	23.10	16.14	16.22	16.15	14.14	14.22	14.15
		25	0	23.13	23.05	23.04	16.18	16.10	16.09	14.18	14.10	14.09
	64QAM	1	0	23.07	23.11	23.04	16.12	16.16	16.09	14.12	14.16	14.09
		1	13	23.04	22.94	23.08	16.09	15.99	16.13	14.09	13.99	14.13
		1	24	23.06	23.03	23.09	16.11	16.08	16.14	14.11	14.08	14.14
		12	0	21.80	21.78	21.80	14.85	14.83	14.85	12.85	12.83	12.85
		12	6	21.85	21.78	21.78	14.90	14.83	14.83	12.90	12.83	12.83
		12	13	21.80	21.83	21.77	14.85	14.88	14.82	12.85	12.88	12.82
		25	0	21.81	21.74	21.73	14.86	14.79	14.78	12.86	12.79	12.78

BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)								
				23060/ 704	23095/ 707.5	23130/ 711	23060/ 704	23095/ 707.5	23130/ 711	23060/ 704	23095/ 707.5	23130/ 711
10MHz	QPSK	1	0	24.92	24.93	24.93	17.97	17.98	17.98	15.97	15.98	15.98
		1	25	24.89	24.95	24.89	17.94	18.00	17.94	15.94	16.00	15.94
		1	49	24.93	24.94	24.90	17.98	17.99	17.95	15.98	15.99	15.95
		25	0	24.04	24.03	24.00	17.09	17.08	17.05	15.09	15.08	15.05
		25	13	24.09	24.02	24.02	17.14	17.07	17.07	15.14	15.07	15.07
		25	25	24.08	24.08	24.06	17.13	17.13	17.11	15.13	15.13	15.11
		50	0	24.12	24.06	24.00	17.17	17.11	17.05	15.17	15.11	15.05
	16QAM	1	0	24.31	24.36	24.29	17.36	17.41	17.34	15.36	15.41	15.34
		1	25	24.28	24.32	24.31	17.33	17.37	17.36	15.33	15.37	15.36
		1	49	24.30	24.32	24.29	17.35	17.37	17.34	15.35	15.37	15.34
		25	0	23.02	23.06	23.01	16.07	16.11	16.06	14.07	14.11	14.06
		25	13	23.10	23.05	22.99	16.15	16.10	16.04	14.15	14.10	14.04
		25	25	23.06	23.12	23.06	16.11	16.17	16.11	14.11	14.17	14.11
		50	0	23.11	23.01	23.01	16.16	16.06	16.06	14.16	14.06	14.06
	64QAM	1	0	23.05	23.07	22.99	16.10	16.12	16.04	14.10	14.12	14.04
		1	25	23.00	22.95	23.04	16.05	16.00	16.09	14.05	14.00	14.09
		1	49	23.00	22.97	23.03	16.05	16.02	16.08	14.05	14.02	14.08
		25	0	21.75	21.70	21.73	14.80	14.75	14.78	12.80	12.75	12.78
		25	13	21.81	21.74	21.72	14.86	14.79	14.77	12.86	12.79	12.77
		25	25	21.77	21.78	21.73	14.82	14.83	14.78	12.82	12.83	12.78
		50	0	21.79	21.70	21.70	14.84	14.75	14.75	12.84	12.75	12.75

LTE Band 17				Maximum Output Power(dBm)			Antenna1 ERP (dBm)			Antenna2 ERP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)								
				23755/ 706.5	23790/ 710	23825/ 713.5	23755/ 706.5	23790/ 710	23825/ 713.5	23755/ 706.5	23790/ 710	23825/ 713.5
5MHz	QPSK	1	0	25.01	24.99	25.02	18.06	18.04	18.07	16.06	16.04	16.07
		1	13	24.97	25.01	25.00	18.02	18.06	18.05	16.02	16.06	16.05
		1	24	24.97	24.97	24.99	18.02	18.02	18.04	16.02	16.02	16.04
		12	0	24.03	24.06	24.07	17.08	17.11	17.12	15.08	15.11	15.12
		12	6	24.17	24.12	24.12	17.22	17.17	17.17	15.22	15.17	15.17
		12	13	24.18	24.19	24.20	17.23	17.24	17.25	15.23	15.24	15.25
		25	0	24.07	24.11	24.07	17.12	17.16	17.12	15.12	15.16	15.12
	16QAM	1	0	24.36	24.36	24.40	17.41	17.41	17.45	15.41	15.41	15.45
		1	13	24.38	24.38	24.41	17.43	17.43	17.46	15.43	15.43	15.46
		1	24	24.33	24.36	24.36	17.38	17.41	17.41	15.38	15.41	15.41
		12	0	23.04	23.07	23.04	16.09	16.12	16.09	14.09	14.12	14.09
		12	6	23.21	23.06	23.09	16.26	16.11	16.14	14.26	14.11	14.14
		12	13	23.14	23.24	23.14	16.19	16.29	16.19	14.19	14.29	14.19
		25	0	23.05	23.08	23.08	16.10	16.13	16.13	14.10	14.13	14.13
	64QAM	1	0	23.08	23.07	23.14	16.13	16.12	16.19	14.13	14.12	14.19
		1	13	23.08	23.10	23.18	16.13	16.15	16.23	14.13	14.15	14.23
		1	24	23.16	23.16	23.15	16.21	16.21	16.20	14.21	14.21	14.20
		12	0	21.76	21.82	21.80	14.81	14.87	14.85	12.81	12.87	12.85
		12	6	21.91	21.79	21.85	14.96	14.84	14.90	12.96	12.84	12.90
		12	13	21.85	21.89	21.87	14.90	14.94	14.92	12.90	12.94	12.92
		25	0	21.74	21.76	21.78	14.79	14.81	14.83	12.79	12.81	12.83
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)								
				23780/ 709	23790/ 710	23800/ 711	23780/ 709	23790/ 710	23800/ 711	23780/ 709	23790/ 710	23800/ 711
10MHz	QPSK	1	0	24.98	24.95	24.99	18.03	18.00	18.04	16.03	16.00	16.04
		1	25	24.96	24.97	24.98	18.01	18.02	18.03	16.01	16.02	16.03
		1	49	24.95	24.96	24.96	18.00	18.01	18.01	16.00	16.01	16.01
		25	0	24.00	24.01	24.03	17.05	17.06	17.08	15.05	15.06	15.08
		25	13	24.15	24.08	24.09	17.20	17.13	17.14	15.20	15.13	15.14
		25	25	24.15	24.14	24.16	17.20	17.19	17.21	15.20	15.19	15.21
		50	0	24.04	24.06	24.03	17.09	17.11	17.08	15.09	15.11	15.08
	16QAM	1	0	24.33	24.32	24.35	17.38	17.37	17.40	15.38	15.37	15.40

		1	25	24.34	24.36	24.37	17.39	17.41	17.42	15.39	15.41	15.42
		1	49	24.31	24.33	24.34	17.36	17.38	17.39	15.36	15.38	15.39
		25	0	23.01	23.03	23.01	16.06	16.08	16.06	14.06	14.08	14.06
		25	13	23.18	23.04	23.06	16.23	16.09	16.11	14.23	14.09	14.11
		25	25	23.11	23.19	23.10	16.16	16.24	16.15	14.16	14.24	14.15
		50	0	23.03	23.04	23.05	16.08	16.09	16.10	14.08	14.09	14.10
	64QAM	1	0	23.06	23.03	23.09	16.11	16.08	16.14	14.11	14.08	14.14
		1	25	23.04	23.08	23.14	16.09	16.13	16.19	14.09	14.13	14.19
		1	49	23.10	23.10	23.09	16.15	16.15	16.14	14.15	14.15	14.14
		25	0	21.71	21.74	21.73	14.76	14.79	14.78	12.76	12.79	12.78
		25	13	21.87	21.75	21.79	14.92	14.80	14.84	12.92	12.80	12.84
		25	25	21.82	21.84	21.83	14.87	14.89	14.88	12.87	12.89	12.88
		50	0	21.72	21.72	21.75	14.77	14.77	14.80	12.77	12.77	12.80

LTE Band 38				Maximum Output Power(dBm)			EIRP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				37775/ 2572.5	38000/ 2595	38225/ 2617.5	37775/ 2572.5	38000/ 2595	38225/ 2617.5
5MHz	QPSK	1	0	24.73	24.85	24.82	24.62	24.74	24.71
		1	13	24.74	24.80	24.88	24.63	24.69	24.77
		1	24	24.88	24.80	24.81	24.77	24.69	24.70
		12	0	23.87	23.92	23.93	23.76	23.81	23.82
		12	6	23.95	23.94	23.96	23.84	23.83	23.85
		12	13	23.96	24.00	24.01	23.85	23.89	23.90
		25	0	23.90	23.97	23.94	23.79	23.86	23.83
	16QAM	1	0	24.04	24.03	24.12	23.93	23.92	24.01
		1	13	24.02	24.07	24.08	23.91	23.96	23.97
		1	24	24.10	24.14	24.13	23.99	24.03	24.02
		12	0	22.88	22.92	22.97	22.77	22.81	22.86
		12	6	23.00	22.95	22.99	22.89	22.84	22.88
		12	13	22.99	23.04	23.07	22.88	22.93	22.96
		25	0	22.96	22.96	22.97	22.85	22.85	22.86
	64QAM	1	0	22.42	22.40	22.47	22.31	22.29	22.36
		1	13	22.66	22.60	22.68	22.55	22.49	22.57
		1	24	22.81	22.68	22.76	22.70	22.57	22.65
		12	0	21.40	21.28	21.44	21.29	21.17	21.33
		12	6	21.45	21.36	21.47	21.34	21.25	21.36
		12	13	21.43	21.39	21.46	21.32	21.28	21.35
		25	0	21.48	21.46	21.52	21.37	21.35	21.41
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				37800/ 2575	38000/ 2595	38200/ 2615	37800/ 2575	38000/ 2595	38200/ 2615
10MHz	QPSK	1	0	24.76	24.87	24.86	24.65	24.76	24.75
		1	25	24.76	24.84	24.91	24.65	24.73	24.80
		1	49	24.91	24.85	24.85	24.80	24.74	24.74
		25	0	23.90	23.97	23.97	23.79	23.86	23.86
		25	13	23.97	23.98	24.01	23.86	23.87	23.90
		25	25	23.98	24.02	24.05	23.87	23.91	23.94
		50	0	23.92	23.98	23.96	23.81	23.87	23.85
	16QAM	1	0	24.07	24.07	24.15	23.96	23.96	24.04

		1	25	24.05	24.09	24.11	23.94	23.98	24.00
		1	49	24.13	24.16	24.17	24.02	24.05	24.06
		25	0	22.90	22.96	23.00	22.79	22.85	22.89
		25	13	23.03	23.00	23.03	22.92	22.89	22.92
		25	25	23.02	23.09	23.11	22.91	22.98	23.00
		50	0	22.98	23.00	23.02	22.87	22.89	22.91
	64QAM	1	0	22.45	22.40	22.50	22.34	22.29	22.39
		1	25	22.69	22.58	22.71	22.58	22.47	22.60
		1	49	22.80	22.70	22.80	22.69	22.59	22.69
		25	0	21.42	21.32	21.43	21.31	21.21	21.32
		25	13	21.48	21.41	21.51	21.37	21.30	21.40
		25	25	21.46	21.44	21.50	21.35	21.33	21.39
		50	0	21.50	21.50	21.57	21.39	21.39	21.46
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				37825/ 2577.5	38000/ 2595	38175/ 2612.5	37825/ 2577.5	38000/ 2595	38175/ 2612.5
15MHz	QPSK	1	0	24.74	24.82	24.83	24.63	24.71	24.72
		1	38	24.75	24.84	24.89	24.64	24.73	24.78
		1	74	24.87	24.79	24.80	24.76	24.68	24.69
		36	0	23.88	23.93	23.94	23.77	23.82	23.83
		36	18	23.95	23.94	23.96	23.84	23.83	23.85
		36	39	23.95	24.01	24.02	23.84	23.90	23.91
		75	0	23.88	23.95	23.93	23.77	23.84	23.82
	16QAM	1	0	24.01	24.04	24.12	23.90	23.93	24.01
		1	38	24.03	24.08	24.09	23.92	23.97	23.98
		1	74	24.10	24.12	24.13	23.99	24.01	24.02
		36	0	22.88	22.95	22.98	22.77	22.84	22.87
		36	18	22.99	22.94	22.98	22.88	22.83	22.87
		36	39	23.00	23.05	23.08	22.89	22.94	22.97
		75	0	22.96	22.96	22.97	22.85	22.85	22.86
	64QAM	1	0	22.39	22.37	22.47	22.28	22.26	22.36
		1	38	22.67	22.57	22.69	22.56	22.46	22.58
		1	74	22.81	22.69	22.80	22.70	22.58	22.69
		36	0	21.42	21.35	21.45	21.31	21.24	21.34
		36	18	21.45	21.37	21.49	21.34	21.26	21.38
		36	39	21.44	21.40	21.47	21.33	21.29	21.36
		75	0	21.48	21.46	21.52	21.37	21.35	21.41

BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				37850/ 2580	38000/ 2595	38150/ 2610	37850/ 2580	38000/ 2595	38150/ 2610
20MHz	QPSK	1	0	24.71	24.78	24.80	24.60	24.67	24.69
		1	50	24.74	24.80	24.87	24.63	24.69	24.76
		1	99	24.85	24.78	24.77	24.74	24.67	24.66
		50	0	23.85	23.88	23.90	23.74	23.77	23.79
		50	25	23.93	23.90	23.93	23.82	23.79	23.82
		50	50	23.92	23.96	23.98	23.81	23.85	23.87
		100	0	23.84	23.90	23.89	23.73	23.79	23.78
	16QAM	1	0	24.04	24.00	24.07	23.93	23.89	23.96
		1	50	23.99	24.06	24.05	23.88	23.95	23.94
		1	99	24.08	24.09	24.11	23.97	23.98	24.00
		50	0	22.85	22.91	22.95	22.74	22.80	22.84
		50	25	22.96	22.92	22.95	22.85	22.81	22.84
		50	50	22.97	23.00	23.04	22.86	22.89	22.93
		100	0	22.94	22.92	22.94	22.83	22.81	22.83
	64QAM	1	0	22.37	22.33	22.42	22.26	22.22	22.31
		1	50	22.63	22.55	22.65	22.52	22.44	22.54
		1	99	22.75	22.63	22.74	22.64	22.52	22.63
		50	0	21.37	21.27	21.38	21.26	21.16	21.27
		50	25	21.41	21.33	21.43	21.30	21.22	21.32
		50	50	21.41	21.35	21.43	21.30	21.24	21.32
		100	0	21.46	21.42	21.49	21.35	21.31	21.38

LTE Band 41				Maximum Output Power(dBm)			EIRP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				39675/ 2498.5	40620/ 2593	41565/ 2687.5	39675/ 2498.5	40620/ 2593	41565/ 2687.5
5MHz	QPSK	1	0	24.56	24.81	24.93	24.45	24.70	24.82
		1	13	24.58	24.78	24.83	24.47	24.67	24.72
		1	24	24.67	24.73	24.82	24.56	24.62	24.71
		12	0	23.71	23.76	23.84	23.60	23.65	23.73
		12	6	23.80	23.89	23.91	23.69	23.78	23.80
		12	13	23.83	23.99	23.94	23.72	23.88	23.83
		25	0	23.76	23.84	23.91	23.65	23.73	23.80
	16QAM	1	0	23.80	23.76	23.83	23.69	23.65	23.72
		1	13	23.78	23.74	23.80	23.67	23.63	23.69
		1	24	23.86	23.84	23.89	23.75	23.73	23.78
		12	0	22.84	22.81	22.86	22.73	22.70	22.75
		12	6	22.86	22.83	22.89	22.75	22.72	22.78
		12	13	22.85	22.82	22.88	22.74	22.71	22.77
		25	0	22.81	22.79	22.85	22.70	22.68	22.74
	64QAM	1	0	22.50	22.48	22.55	22.39	22.37	22.44
		1	13	22.54	22.50	22.56	22.43	22.39	22.45
		1	24	22.70	22.64	22.65	22.59	22.53	22.54
		12	0	21.60	21.55	21.64	21.49	21.44	21.53
		12	6	21.62	21.58	21.64	21.51	21.47	21.53
		12	13	21.50	21.47	21.53	21.39	21.36	21.42
		25	0	21.61	21.59	21.65	21.50	21.48	21.54
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				39700/ 2501	40620/ 2593	41540/ 2685	39700/ 2501	40620/ 2593	41540/ 2685
10MHz	QPSK	1	0	24.58	24.83	24.96	24.47	24.72	24.85
		1	25	24.61	24.81	24.87	24.50	24.70	24.76
		1	49	24.69	24.75	24.85	24.58	24.64	24.74
		25	0	23.74	23.79	23.88	23.63	23.68	23.77
		25	13	23.83	23.92	23.95	23.72	23.81	23.84
		25	25	23.85	24.01	23.99	23.74	23.90	23.88
		50	0	23.80	23.88	23.95	23.69	23.77	23.84
	16QAM	1	0	23.82	23.78	23.85	23.71	23.67	23.74

		1	25	23.81	23.77	23.83	23.70	23.66	23.72
		1	49	23.89	23.87	23.92	23.78	23.76	23.81
		25	0	22.87	22.84	22.90	22.76	22.73	22.79
		25	13	22.88	22.85	22.92	22.77	22.74	22.81
		25	25	22.88	22.85	22.92	22.77	22.74	22.81
		50	0	22.84	22.82	22.89	22.73	22.71	22.78
	64QAM	1	0	22.52	22.50	22.57	22.41	22.39	22.46
		1	25	22.57	22.53	22.59	22.46	22.42	22.48
		1	49	22.69	22.63	22.68	22.58	22.52	22.57
		25	0	21.63	21.58	21.64	21.52	21.47	21.53
		25	13	21.64	21.60	21.67	21.53	21.49	21.56
		25	25	21.53	21.50	21.57	21.42	21.39	21.46
		50	0	21.64	21.62	21.69	21.53	21.51	21.58
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				39725/ 2503.5	40620/ 2593	41515/ 2682.5	39725/ 2503.5	40620/ 2593	41515/ 2682.5
15MHz	QPSK	1	0	24.57	24.82	24.94	24.46	24.71	24.83
		1	38	24.59	24.79	24.84	24.48	24.68	24.73
		1	74	24.66	24.72	24.81	24.55	24.61	24.70
		36	0	23.72	23.77	23.85	23.61	23.66	23.74
		36	18	23.80	23.89	23.91	23.69	23.78	23.80
		36	39	23.82	23.98	23.95	23.71	23.87	23.84
		75	0	23.78	23.86	23.90	23.67	23.75	23.79
	16QAM	1	0	23.77	23.73	23.83	23.66	23.62	23.72
		1	38	23.79	23.75	23.81	23.68	23.64	23.70
		1	74	23.86	23.84	23.89	23.75	23.73	23.78
		36	0	22.84	22.81	22.87	22.73	22.70	22.76
		36	18	22.85	22.82	22.88	22.74	22.71	22.77
		36	39	22.86	22.83	22.89	22.75	22.72	22.78
		75	0	22.81	22.79	22.85	22.70	22.68	22.74
	64QAM	1	0	22.47	22.45	22.55	22.36	22.34	22.44
		1	38	22.55	22.51	22.57	22.44	22.40	22.46
		1	74	22.70	22.64	22.69	22.59	22.53	22.58
		36	0	21.62	21.57	21.65	21.51	21.46	21.54
		36	18	21.62	21.58	21.66	21.51	21.47	21.55
		36	39	21.51	21.48	21.54	21.40	21.37	21.43
		75	0	21.61	21.59	21.65	21.50	21.48	21.54

BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				39750/ 2506	40620/ 2593	41490/ 2680	39750/ 2506	40620/ 2593	41490/ 2680
20MHz	QPSK	1	0	24.54	24.79	24.91	24.43	24.68	24.80
		1	50	24.58	24.78	24.82	24.47	24.67	24.71
		1	99	24.64	24.70	24.78	24.53	24.59	24.67
		50	0	23.69	23.74	23.81	23.58	23.63	23.70
		50	25	23.78	23.87	23.88	23.67	23.76	23.77
		50	50	23.79	23.95	23.91	23.68	23.84	23.80
		100	0	23.75	23.83	23.86	23.64	23.72	23.75
	16QAM	1	0	23.73	23.68	23.78	23.62	23.57	23.67
		1	50	23.75	23.71	23.77	23.64	23.60	23.66
		1	99	23.84	23.82	23.87	23.73	23.71	23.76
		50	0	22.81	22.78	22.84	22.70	22.67	22.73
		50	25	22.82	22.79	22.85	22.71	22.68	22.74
		50	50	22.83	22.80	22.85	22.72	22.69	22.74
		100	0	22.79	22.77	22.82	22.68	22.66	22.71
	64QAM	1	0	22.45	22.43	22.50	22.34	22.32	22.39
		1	50	22.51	22.47	22.53	22.40	22.36	22.42
		1	99	22.64	22.58	22.63	22.53	22.47	22.52
		50	0	21.57	21.52	21.58	21.46	21.41	21.47
		50	25	21.58	21.54	21.60	21.47	21.43	21.49
		50	50	21.48	21.45	21.50	21.37	21.34	21.39
		100	0	21.59	21.57	21.62	21.48	21.46	21.51

LTE Band 66				Maximum Output Power(dBm)			EIRP (dBm)		
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				131979/ 1710.7	132322/ 1745	132665/ 1779.3	131979/ 1710.7	132322/ 1745	132665/ 1779.3
1.4MHz	QPSK	1	0	24.43	24.67	24.72	21.33	21.57	21.62
		1	2	24.38	24.82	24.68	21.28	21.72	21.58
		1	5	24.55	24.82	24.66	21.45	21.72	21.56
		3	0	24.49	24.71	24.78	21.39	21.61	21.68
		3	2	24.42	24.66	24.77	21.32	21.56	21.67
		3	3	24.59	24.68	24.76	21.49	21.58	21.66
		6	0	23.55	23.86	23.78	20.45	20.76	20.68
	16QAM	1	0	24.61	24.82	24.52	21.51	21.72	21.42
		1	2	24.59	24.68	24.31	21.49	21.58	21.21
		1	5	24.87	24.29	24.34	21.77	21.19	21.24
		3	0	23.33	23.48	23.63	20.23	20.38	20.53
		3	2	23.43	23.42	23.71	20.33	20.32	20.61
		3	3	23.12	23.28	23.75	20.02	20.18	20.65
		6	0	22.40	22.46	22.83	19.30	19.36	19.73
	64QAM	1	0	22.53	22.70	22.75	19.43	19.60	19.65
		1	2	22.34	22.81	22.71	19.24	19.71	19.61
		1	5	22.52	22.54	23.01	19.42	19.44	19.91
		3	0	22.31	22.28	22.75	19.21	19.18	19.65
		3	2	22.61	22.53	22.41	19.51	19.43	19.31
		3	3	22.44	22.65	22.43	19.34	19.55	19.33
		6	0	21.35	21.82	21.20	18.25	18.72	18.10
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				131987/ 1711.5	132322/ 1745	132657/ 1778.5	131987/ 1711.5	132322/ 1745	132657/ 1778.5
3MHz	QPSK	1	0	24.45	24.71	24.75	21.35	21.61	21.65
		1	7	24.36	24.85	24.72	21.26	21.75	21.62
		1	14	24.58	24.87	24.70	21.48	21.77	21.60
		8	0	23.59	23.83	23.91	20.49	20.73	20.81
		8	4	23.54	23.76	23.89	20.44	20.66	20.79
		8	7	23.69	23.79	23.86	20.59	20.69	20.76
		15	0	23.55	23.90	23.81	20.45	20.80	20.71
	16QAM	1	0	24.64	24.84	24.55	21.54	21.74	21.45

		1	7	24.62	24.68	24.35	21.52	21.58	21.25
		1	14	24.89	24.33	24.37	21.79	21.23	21.27
		8	0	22.44	22.61	22.75	19.34	19.51	19.65
		8	4	22.54	22.55	22.83	19.44	19.45	19.73
		8	7	22.22	22.40	22.88	19.12	19.30	19.78
		15	0	22.43	22.50	22.86	19.33	19.40	19.76
	64QAM	1	0	22.56	22.72	22.78	19.46	19.62	19.68
		1	7	22.37	22.81	22.73	19.27	19.71	19.63
		1	14	22.54	22.53	23.04	19.44	19.43	19.94
		8	0	21.42	21.41	21.87	18.32	18.31	18.77
		8	4	21.72	21.66	21.53	18.62	18.56	18.43
		8	7	21.54	21.77	21.56	18.44	18.67	18.46
		15	0	21.38	21.86	21.23	18.28	18.76	18.13
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				131997/ 1712.5	132322/ 1745	132647/ 1777.5	131997/ 1712.5	132322/ 1745	132647/ 1777.5
5MHz	QPSK	1	0	24.42	24.69	24.71	21.32	21.59	21.61
		1	13	24.34	24.81	24.69	21.24	21.71	21.59
		1	24	24.55	24.82	24.66	21.45	21.72	21.56
		12	0	23.56	23.78	23.87	20.46	20.68	20.77
		12	6	23.52	23.72	23.84	20.42	20.62	20.74
		12	13	23.67	23.77	23.82	20.57	20.67	20.72
		25	0	23.55	23.89	23.79	20.45	20.79	20.69
	16QAM	1	0	24.61	24.80	24.52	21.51	21.70	21.42
		1	13	24.59	24.66	24.32	21.49	21.56	21.22
		1	24	24.86	24.31	24.33	21.76	21.21	21.23
		12	0	22.42	22.57	22.72	19.32	19.47	19.62
		12	6	22.51	22.50	22.79	19.41	19.40	19.69
		12	13	22.19	22.35	22.84	19.09	19.25	19.74
		25	0	22.41	22.46	22.81	19.31	19.36	19.71
	64QAM	1	0	22.53	22.72	22.75	19.43	19.62	19.65
		1	13	22.34	22.83	22.70	19.24	19.73	19.60
		1	24	22.55	22.51	23.00	19.45	19.41	19.90
		12	0	21.40	21.37	21.88	18.30	18.27	18.78
		12	6	21.69	21.61	21.49	18.59	18.51	18.39
		12	13	21.51	21.72	21.52	18.41	18.62	18.42
		25	0	21.36	21.82	21.18	18.26	18.72	18.08

BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				132022/1715	132322/1745	132622/1775	132022/1715	132322/1745	132622/1775
10MHz	QPSK	1	0	24.44	24.70	24.74	21.34	21.60	21.64
		1	25	24.37	24.86	24.73	21.27	21.76	21.63
		1	49	24.57	24.86	24.69	21.47	21.76	21.59
		25	0	23.59	23.83	23.91	20.49	20.73	20.81
		25	13	23.55	23.77	23.88	20.45	20.67	20.78
		25	25	23.69	23.81	23.87	20.59	20.71	20.77
		50	0	23.59	23.91	23.83	20.49	20.81	20.73
	16QAM	1	0	24.63	24.83	24.54	21.53	21.73	21.44
		1	25	24.62	24.70	24.35	21.52	21.60	21.25
		1	49	24.89	24.33	24.36	21.79	21.23	21.26
		25	0	22.45	22.62	22.76	19.35	19.52	19.66
		25	13	22.53	22.54	22.82	19.43	19.44	19.72
		25	25	22.22	22.40	22.88	19.12	19.30	19.78
		50	0	22.44	22.51	22.85	19.34	19.41	19.75
	64QAM	1	0	22.55	22.71	22.77	19.45	19.61	19.67
		1	25	22.37	22.83	22.73	19.27	19.73	19.63
		1	49	22.54	22.53	23.03	19.44	19.43	19.93
		25	0	21.43	21.42	21.88	18.33	18.32	18.78
		25	13	21.71	21.65	21.52	18.61	18.55	18.42
		25	25	21.54	21.77	21.56	18.44	18.67	18.46
		50	0	21.39	21.87	21.22	18.29	18.77	18.12
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				132047/1717.5	132322/1745	132597/1772.5	132047/1717.5	132322/1745	132597/1772.5
15MHz	QPSK	1	0	24.43	24.66	24.72	21.33	21.56	21.62
		1	38	24.35	24.85	24.70	21.25	21.75	21.60
		1	74	24.54	24.81	24.65	21.44	21.71	21.55
		36	0	23.57	23.79	23.88	20.47	20.69	20.78
		36	18	23.52	23.72	23.84	20.42	20.62	20.74
		36	39	23.66	23.78	23.83	20.56	20.68	20.73
		75	0	23.57	23.87	23.78	20.47	20.77	20.68
	16QAM	1	0	24.58	24.81	24.52	21.48	21.71	21.42
		1	38	24.60	24.67	24.33	21.50	21.57	21.23
		1	74	24.86	24.29	24.33	21.76	21.19	21.23

		36	0	22.42	22.60	22.73	19.32	19.50	19.63
		36	18	22.50	22.49	22.78	19.40	19.39	19.68
		36	39	22.20	22.36	22.85	19.10	19.26	19.75
		75	0	22.41	22.46	22.81	19.31	19.36	19.71
		1	0	22.50	22.69	22.75	19.40	19.59	19.65
		1	38	22.35	22.80	22.71	19.25	19.70	19.61
		1	74	22.55	22.52	23.04	19.45	19.42	19.94
	64QAM	36	0	21.42	21.44	21.89	18.32	18.34	18.79
		36	18	21.69	21.62	21.51	18.59	18.52	18.41
		36	39	21.52	21.73	21.53	18.42	18.63	18.43
		75	0	21.36	21.82	21.18	18.26	18.72	18.08
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				132072/ 1720	132322/ 1745	132572/ 1770	132072/ 1720	132322/ 1745	132572/ 1770
20MHz	QPSK	1	0	24.40	24.62	24.69	21.30	21.52	21.59
		1	50	24.34	24.91	24.68	21.24	21.81	21.58
		1	99	24.52	24.80	24.62	21.42	21.70	21.52
		50	0	23.54	23.74	23.84	20.44	20.64	20.74
		50	25	23.50	23.68	23.81	20.40	20.58	20.71
		50	50	23.63	23.73	23.79	20.53	20.63	20.69
		100	0	23.54	23.82	23.74	20.44	20.72	20.64
	16QAM	1	0	24.37	24.77	24.47	21.27	21.67	21.37
		1	50	24.56	24.65	24.29	21.46	21.55	21.19
		1	99	24.84	24.26	24.31	21.74	21.16	21.21
		50	0	22.39	22.56	22.70	19.29	19.46	19.60
		50	25	22.47	22.47	22.75	19.37	19.37	19.65
		50	50	22.17	22.31	22.81	19.07	19.21	19.71
		100	0	22.39	22.42	22.78	19.29	19.32	19.68
	64QAM	1	0	22.48	22.65	22.70	19.38	19.55	19.60
		1	50	22.31	22.78	22.67	19.21	19.68	19.57
		1	99	22.49	22.46	22.98	19.39	19.36	19.88
		50	0	21.37	21.36	21.82	18.27	18.26	18.72
		50	25	21.65	21.58	21.45	18.55	18.48	18.35
		50	50	21.49	21.68	21.49	18.39	18.58	18.39
		100	0	21.34	21.78	21.15	18.24	18.68	18.05

CA_7C	PCC	SCC	PCC RB		SCC1 RB		Maximum Output Power(dBm)			EIRP (dBm)		
	Frequency (MHz)	Frequency (MHz)	Size	Offset	Size	Offset	QPSK	16 QAM	64 QAM	QPSK	16 QAM	64 QAM
10MHz+20 MHz	2505.5	2519.9	1	49	1	0	24.52	23.97	20.36	24.42	23.87	20.26
			50	0	100	0	23.40	22.47	20.45	23.30	22.37	20.35
	2525.6	2540	1	49	1	0	24.66	23.76	20.45	24.56	23.66	20.35
			50	0	100	0	23.17	22.09	20.18	23.07	21.99	20.08
	2545.6	2560	1	49	1	0	24.54	24.21	20.64	24.44	24.11	20.54
			50	0	100	0	23.54	22.30	20.46	23.44	22.20	20.36
20MHz+10 MHz	2510	2524.4	1	99	1	0	18.23	17.90	23.81	18.13	17.80	23.71
			100	0	50	0	22.98	21.87	20.11	22.88	21.77	20.01
	2530.1	2544.5	1	99	1	0	23.38	22.72	19.37	23.28	22.62	19.27
			100	0	50	0	23.50	22.40	20.43	23.40	22.30	20.33
	2550.1	2564.5	1	99	1	0	18.86	18.53	14.88	18.76	18.43	14.78
			100	0	50	0	23.32	22.12	23.41	23.22	22.02	23.31
15MHz+15 MHz	2507.5	2522.5	1	74	1	0	23.47	23.02	19.58	23.37	22.92	19.48
			75	0	75	0	23.43	22.34	20.19	23.33	22.24	20.09
	2527.5	2542.5	1	74	1	0	25.24	24.00	20.50	25.14	23.90	20.40
			75	0	75	0	23.18	22.17	20.18	23.08	22.07	20.08
	2547.5	2562.5	1	74	1	0	23.98	23.48	19.81	23.88	23.38	19.71
			75	0	75	0	23.31	22.34	20.37	23.21	22.24	20.27
15MHz+20 MHz	2507.8	2524.9	1	74	1	0	24.09	22.84	20.40	23.99	22.74	20.30
			75	0	100	0	23.18	22.20	20.21	23.08	22.10	20.11
	2525.3	2542.4	1	74	1	0	24.43	23.66	20.54	24.33	23.56	20.44
			75	0	100	0	23.33	22.19	19.98	23.23	22.09	19.88
	2542.9	2560	1	74	1	0	24.78	24.05	20.48	24.68	23.95	20.38
			75	0	100	0	23.39	22.53	20.55	23.29	22.43	20.45
20MHz+15 MHz	2510	2527.1	1	99	1	0	24.87	23.93	21.21	24.77	23.83	21.11
			100	0	75	0	22.95	22.04	20.08	22.85	21.94	19.98
	2527.6	2544.7	1	99	1	0	25.71	24.77	22.74	25.61	24.67	22.64
			100	0	75	0	23.26	22.15	20.08	23.16	22.05	19.98
	2545.1	2562.2	1	99	1	0	25.06	24.37	20.98	24.96	24.27	20.88
			100	0	75	0	23.50	22.40	20.33	23.40	22.30	20.23
20MHz+20 MHz	2510	2529.8	1	99	1	0	23.34	24.26	20.42	23.24	24.16	20.32
			1	0	1	99	17.26	17.96	17.49	17.16	17.86	17.39
			100	0	100	0	22.85	22.05	20.03	22.75	21.95	19.93
	2525.1	2544.9	1	99	1	0	25.45	24.69	21.40	25.35	24.59	21.30
			1	0	1	99	17.20	17.73	17.30	17.10	17.63	17.20
			100	0	100	0	23.32	22.00	20.05	23.22	21.90	19.95
	2540.2	2560	1	99	1	0	24.22	24.13	20.15	24.12	24.03	20.05

			1	0	1	99	17.19	17.62	17.49	17.09	17.52	17.39
			100	0	100	0	23.68	22.63	20.47	23.58	22.53	20.37

CA_41C	PCC	SCC	PCC RB		SCC1 RB		Maximum Output Power(dBm)			EIRP (dBm)		
	Frequency (MHz)	Frequency (MHz)	Size	Offset	Size	Offset	QPSK	16 QAM	64 QAM	QPSK	16 QAM	64 QAM
5MHz+20MHz	2499.3	2511	1	24	1	0	24.75	24.20	21.42	24.85	24.30	21.52
			25	0	100	0	23.30	22.21	21.21	23.20	22.11	21.11
	2583.8	2595.5	1	24	1	0	25.27	24.79	22.91	25.17	24.69	22.81
			25	0	100	0	23.49	22.43	22.56	23.39	22.33	22.46
	2668.3	2680	1	24	1	0	25.54	24.81	22.52	25.44	24.71	22.42
			25	0	100	0	23.61	22.61	22.03	23.51	22.51	21.93
20MHz+5MHz	2506	2517.7	1	99	1	0	20.60	20.06	16.92	20.50	19.96	16.82
			1	0	1	24	16.97	17.39	17.30	16.87	17.29	17.20
			100	0	25	0	23.57	22.53	21.63	23.47	22.43	21.53
	2590.5	2602.2	1	99	1	0	20.48	20.06	16.99	20.38	19.96	16.89
			1	0	1	24	17.08	17.44	17.23	16.98	17.34	17.13
			100	0	25	0	23.60	22.59	22.46	23.50	22.49	22.36
	2675	2686.7	1	99	1	0	19.87	19.31	16.31	19.77	19.21	16.21
			1	0	1	24	16.97	17.52	17.05	16.87	17.42	16.95
			100	0	25	0	23.37	22.66	21.73	23.27	22.56	21.63
10MHz+20MHz	2501.5	2515.9	1	49	1	0	25.30	24.76	25.18	25.20	24.66	25.08
			50	0	100	0	23.50	22.38	21.56	23.40	22.28	21.46
	2583.6	2598	1	49	1	0	25.29	24.81	22.90	25.19	24.71	22.80
			50	0	100	0	23.47	22.50	22.52	23.37	22.40	22.42
	2665.6	2680	1	49	1	0	25.54	25.07	22.32	25.44	24.97	22.22
			50	0	100	0	23.67	22.71	21.93	23.57	22.61	21.83
20MHz+10MHz	2506	2520.4	1	99	1	0	25.35	24.88	22.96	25.25	24.78	22.86
			100	0	50	0	23.52	22.59	21.64	23.42	22.49	21.54
	2588.1	2602.5	1	99	1	0	25.44	24.85	24.37	25.34	24.75	24.27
			100	0	50	0	23.56	22.51	22.58	23.46	22.41	22.48
	2670.1	2684.5	1	99	1	0	25.59	24.74	22.56	25.49	24.64	22.46
			100	0	50	0	23.49	22.58	21.91	23.39	22.48	21.81
15MHz+15MHz	2503.5	2518.5	1	74	1	0	25.27	24.83	21.99	25.17	24.73	21.89
			75	0	75	0	23.49	22.64	21.71	23.39	22.54	21.61
	2585.5	2600.5	1	74	1	0	25.32	24.78	23.08	25.22	24.68	22.98
			75	0	75	0	23.45	22.54	22.59	23.35	22.44	22.49
	2667.5	2682.5	1	74	1	0	25.27	24.88	22.52	25.17	24.78	22.42
			75	0	75	0	23.53	22.64	21.91	23.43	22.54	21.81

15MHz+20 MHz	2503.8	2520.9	1	74	1	0	25.21	24.68	22.01	25.11	24.58	21.91
			75	0	100	0	23.60	22.53	21.62	23.50	22.43	21.52
	2583.3	2600.4	1	74	1	0	25.33	24.71	23.08	25.23	24.61	22.98
			75	0	100	0	23.43	22.58	22.54	23.33	22.48	22.44
	2662.9	2680	1	74	1	0	25.27	24.78	22.13	25.17	24.68	22.03
			75	0	100	0	23.66	22.72	22.09	23.56	22.62	21.99
20MHz+15 MHz	2506	2523.1	1	99	1	0	25.32	24.75	23.02	25.22	24.65	22.92
			100	0	75	0	23.50	22.47	21.71	23.40	22.37	21.61
	2585.6	2602.7	1	99	1	0	25.31	24.86	24.03	25.21	24.76	23.93
			100	0	75	0	23.65	22.60	22.59	23.55	22.50	22.49
	2665.1	2682.2	1	99	1	0	23.67	22.68	22.04	23.57	22.58	21.94
			100	0	75	0	23.60	22.64	22.06	23.50	22.54	21.96
20MHz+20 MHz	2506	2525.8	1	99	1	0	25.33	24.77	22.61	25.23	24.67	22.51
			1	0	1	99	16.81	17.27	17.06	16.71	17.17	16.96
			100	0	100	0	23.62	22.37	22.01	23.52	22.27	21.91
	2583.1	2602.9	1	99	1	0	25.44	24.73	23.27	25.34	24.63	23.17
			1	0	1	99	17.04	17.43	17.34	16.94	17.33	17.24
			100	0	100	0	23.54	22.63	22.56	23.44	22.53	22.46
	2660.2	2680	1	99	1	0	25.32	24.79	22.74	25.22	24.69	22.64
			1	0	1	99	17.09	17.38	17.46	16.99	17.28	17.36
			100	0	100	0	23.68	22.66	22.13	23.58	22.56	22.03

5.2 Occupied Bandwidth

Ambient condition

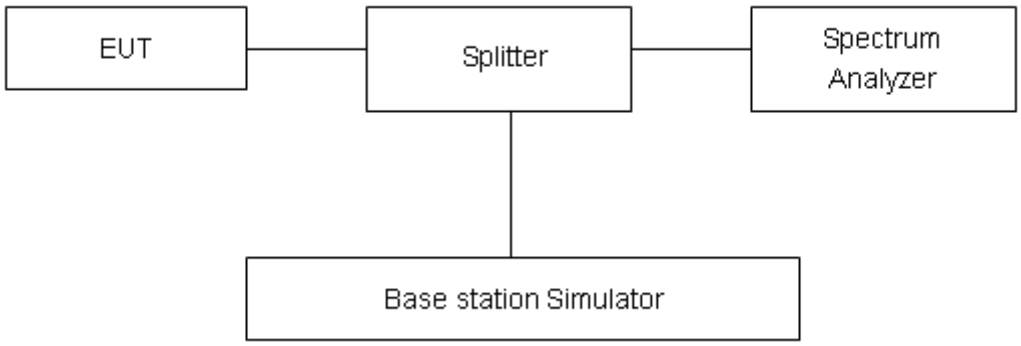
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The occupied bandwidth is measured using spectrum analyzer. .
RBW is set to 30 kHz, VBW is set to 91 kHz for LTE Band 4/12/66(1.4MHz).
RBW is set to 62 kHz, VBW is set to 180 kHz for LTE Band 4/12/66 (3MHz).
RBW is set to 100 kHz, VBW is set to 300 kHz for LTE Band 4/7/12/41/66 (5MHz).
RBW is set to 200 kHz, VBW is set to620 kHz for LTE Band 4/7/12/41/66 (10MHz).
RBW is set to 300 kHz, VBW is set to 910 kHz for LTE Band 4/7/41/66 (15MHz).
RBW is set to 430 kHz, VBW is set to 1.2 MHz for LTE Band 4/7/41/66 (20MHz).

99% power and -26dBc occupied bandwidths are recorded. Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

No specific occupied bandwidth requirements in part 2.1049.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U=624Hz.

Test Result

LTE Band 4						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	19957	1710.7	1.090	1.227
			20175	1732.5	1.095	1.232
			20393	1754.3	1.096	1.255
		3	19965	1711.5	2.700	2.971
			20175	1732.5	2.717	2.988
			20385	1753.5	2.715	3.015
		5	19975	1712.5	4.516	4.933
			20175	1732.5	4.514	4.921
			20375	1752.5	4.514	4.953
		10	20000	1715	8.982	9.719
			20175	1732.5	8.988	9.725
			20350	1750	9.002	9.770
		15	20025	1717.5	13.481	14.480
			20175	1732.5	13.459	14.560
			20325	1747.5	13.471	14.530
		20	20050	1720	17.960	19.370
			20175	1732.5	17.957	19.460
			20300	1745	17.955	19.470
	16QAM	1.4	19957	1710.7	1.094	1.239
			20175	1732.5	1.092	1.241
			20393	1754.3	1.102	1.240
		3	19965	1711.5	2.691	2.968
			20175	1732.5	2.696	2.970
			20385	1753.5	2.699	3.045
		5	19975	1712.5	4.506	4.959
			20175	1732.5	4.521	4.922
			20375	1752.5	4.527	4.968
		10	20000	1715	8.956	9.655
			20175	1732.5	8.982	9.785
			20350	1750	8.972	9.732
		15	20025	1717.5	13.453	14.620
			20175	1732.5	13.448	14.400
			20325	1747.5	13.466	14.420
		20	20050	1720	17.966	19.200

			20175	1732.5	17.986	19.300
			20300	1745	17.990	19.590
	64QAM	1.4	19957	1710.7	1.094	1.236
			20175	1732.5	1.096	1.242
			20393	1754.3	1.095	1.232
		3	19965	1711.5	2.701	2.948
			20175	1732.5	2.698	3.006
			20385	1753.5	2.704	3.024
		5	19975	1712.5	4.507	4.889
			20175	1732.5	4.499	4.946
			20375	1752.5	4.517	4.910
		10	20000	1715	8.999	9.773
			20175	1732.5	8.975	9.710
			20350	1750	8.968	9.680
		15	20025	1717.5	13.412	14.500
			20175	1732.5	13.439	14.480
			20325	1747.5	13.477	14.480
		20	20050	1720	17.907	19.260
			20175	1732.5	17.968	19.400
			20300	1745	17.967	19.390

LTE Band 7						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	20775	2502.5	4.516	4.907
			21100	2535	4.526	4.960
			21425	2567.5	4.508	4.947
		10	20800	2505	8.985	9.773
			21100	2535	8.971	9.772
			21400	2565	8.998	9.796
		15	20825	2507.5	13.463	14.370
			21100	2535	13.453	14.620
			21375	2562.5	13.444	14.660
		20	20850	2510	18.005	19.350
			21100	2535	17.941	19.560
			21350	2560	17.925	19.400
	16QAM	5	20775	2502.5	4.510	4.965
			21100	2535	4.510	4.942
			21425	2567.5	4.513	4.993
		10	20800	2505	8.970	9.716
			21100	2535	8.982	9.648
			21400	2565	8.958	9.720
		15	20825	2507.5	13.452	14.590
			21100	2535	13.454	14.620
			21375	2562.5	13.505	14.590
		20	20850	2510	17.962	19.140
			21100	2535	17.937	19.430
			21350	2560	17.899	19.180
	64QAM	5	20775	2502.5	4.526	4.944
			21100	2535	4.495	4.933
			21425	2567.5	4.511	4.915
		10	20800	2505	8.977	9.828
			21100	2535	8.951	9.677
			21400	2565	8.998	9.807
		15	20825	2507.5	13.450	14.630
			21100	2535	13.448	14.480
			21375	2562.5	13.439	14.560
		20	20850	2510	17.969	19.320
			21100	2535	17.933	19.380
			21350	2560	17.936	19.460

LTE Band 12						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	23017	699.7	1.098	1.233
			23095	707.5	1.089	1.228
			23173	715.3	1.091	1.237
		3	23025	700.5	2.702	2.973
			23095	707.5	2.716	2.970
			23165	714.5	2.708	3.009
		5	23035	701.5	4.531	4.986
			23095	707.5	4.506	4.976
			23155	713.5	4.510	4.925
		10	23060	704	8.968	9.688
			23095	707.5	8.972	9.694
			23130	711	8.946	9.745
	16QAM	1.4	23017	699.7	1.092	1.236
			23095	707.5	1.096	1.248
			23173	715.3	1.088	1.233
		3	23025	700.5	2.703	2.966
			23095	707.5	2.708	3.006
			23165	714.5	2.697	3.019
		5	23035	701.5	4.505	4.945
			23095	707.5	4.511	4.960
			23155	713.5	4.512	4.956
		10	23060	704	8.961	9.699
			23095	707.5	8.986	9.735
			23130	711	8.956	9.717
	64QAM	1.4	23017	699.7	1.090	1.241
			23095	707.5	1.093	1.241
			23173	715.3	1.094	1.228
		3	23025	700.5	2.704	2.957
			23095	707.5	2.706	2.985
			23165	714.5	2.695	3.009
		5	23035	701.5	4.506	4.937
			23095	707.5	4.497	4.955
			23155	713.5	4.545	4.960
		10	23060	704	8.986	9.740
			23095	707.5	8.951	9.649
			23130	711	8.978	9.699

LTE Band 17						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	23755	706.5	4.508	4.911
			23790	710	4.501	4.897
			23825	713.5	4.508	4.914
		10	23780	709	8.951	9.757
			23790	710	8.966	9.698
			23800	711	8.968	9.771
	16QAM	5	23755	706.5	4.528	4.949
			23790	710	4.500	4.928
			23825	713.5	4.519	4.922
		10	23780	709	8.942	9.657
			23790	710	8.969	9.743
			23800	711	8.980	9.725
	64QAM	5	23755	706.5	4.520	4.957
			23790	710	4.507	4.959
			23825	713.5	4.526	4.888
		10	23780	709	8.982	9.667
			23790	710	8.964	9.747
			23800	711	8.960	9.758

LTE Band 38						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	37775	2572.5	4.494	4.921
			38000	2595	4.503	4.880
			38225	2617.5	4.495	4.882
		10	37800	2575	8.996	9.716
			38000	2595	9.003	9.697
			38200	2615	9.011	9.525
		15	37825	2577.5	13.516	14.540
			38000	2595	13.441	14.470
			38175	2612.5	13.454	14.530
		20	37850	2580	17.910	19.120
			38000	2595	17.941	19.290
			38150	2610	17.961	19.250
	16QAM	5	37775	2572.5	4.504	4.874
			38000	2595	4.506	4.918
			38225	2617.5	4.508	4.884
		10	37800	2575	8.985	9.624
			38000	2595	8.999	9.731
			38200	2615	8.972	9.768
		15	37825	2577.5	13.457	14.440
			38000	2595	13.445	14.350
			38175	2612.5	13.490	14.450
		20	37850	2580	17.918	19.360
			38000	2595	17.923	19.260
			38150	2610	17.901	19.320
	64QAM	5	37775	2572.5	4.504	4.874
			38000	2595	4.506	4.918
			38225	2617.5	4.508	4.884
		10	37800	2575	8.985	9.624
			38000	2595	8.999	9.731
			38200	2615	8.972	9.768
		15	37825	2577.5	13.457	14.440
			38000	2595	13.445	14.350
			38175	2612.5	13.490	14.450
		20	37850	2580	17.918	19.360
			38000	2595	17.923	19.260
			38150	2610	17.901	19.320

LTE Band 41						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	39675	2498.5	4.503	4.887
			40620	2593	4.507	4.923
			41565	2687.5	4.497	4.875
		10	39700	2501	8.990	9.665
			40620	2593	8.980	9.744
			41540	2685	8.977	9.603
		15	39725	2503.5	13.454	14.460
			40620	2593	13.471	14.510
			41515	2682.5	13.441	14.430
		20	39750	2506	17.963	19.220
			40620	2593	17.898	19.100
			41490	2680	17.916	19.210
	16QAM	5	39675	2498.5	4.493	4.908
			40620	2593	4.508	4.906
			41565	2687.5	4.492	4.921
		10	39700	2501	8.995	9.707
			40620	2593	8.989	9.563
			41540	2685	8.984	9.570
		15	39725	2503.5	13.457	14.580
			40620	2593	13.470	14.660
			41515	2682.5	13.455	14.390
		20	39750	2506	17.883	19.430
			40620	2593	17.928	19.090
			41490	2680	17.896	19.310
	64QAM	5	39675	2498.5	4.493	4.908
			40620	2593	4.508	4.906
			41565	2687.5	4.492	4.921
		10	39700	2501	8.995	9.707
			40620	2593	8.989	9.563
			41540	2685	8.984	9.570
		15	39725	2503.5	13.457	14.580
			40620	2593	13.470	14.660
			41515	2682.5	13.455	14.390
		20	39750	2506	17.883	19.430
			40620	2593	17.928	19.090
			41490	2680	17.896	19.310

LTE Band 66						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	131979	1710.7	1.101	1.233
			132322	1745	1.088	1.241
			132665	1779.3	1.092	1.236
		3	131987	1711.5	2.704	3.015
			132322	1745	2.705	2.987
			132657	1778.5	2.703	2.971
		5	131997	1712.5	4.523	4.972
			132322	1745	4.510	4.945
			132647	1777.5	4.507	4.868
		10	132022	1715	8.994	9.814
			132322	1745	8.963	9.673
			132622	1775	8.959	9.785
		15	132047	1717.5	13.457	14.520
			132322	1745	13.432	14.540
			132597	1772.5	13.443	14.610
		20	132072	1720	17.955	19.250
			132322	1745	17.941	19.350
			132572	1770	17.949	19.350
	16QAM	1.4	131979	1710.7	1.096	1.239
			132322	1745	1.097	1.235
			132665	1779.3	1.090	1.237
		3	131987	1711.5	2.696	3.025
			132322	1745	2.710	3.031
			132657	1778.5	2.694	2.996
		5	131997	1712.5	4.505	4.941
			132322	1745	4.525	4.923
			132647	1777.5	4.539	4.979
		10	132022	1715	8.973	9.706
			132322	1745	8.977	9.735
			132622	1775	8.984	9.690
		15	132047	1717.5	13.429	14.580
			132322	1745	13.459	14.690
			132597	1772.5	13.468	14.470
		20	132072	1720	17.901	19.380
			132322	1745	17.977	19.370
			132572	1770	17.899	19.450
	64QAM	1.4	131979	1710.7	1.096	1.240

			132322	1745	1.097	1.252
			132665	1779.3	1.097	1.234
		3	131987	1711.5	2.705	2.983
			132322	1745	2.699	2.991
			132657	1778.5	2.695	2.997
		5	131997	1712.5	4.505	4.891
			132322	1745	4.499	4.951
			132647	1777.5	4.502	4.950
		10	132022	1715	8.975	9.679
			132322	1745	8.986	9.713
			132622	1775	8.956	9.768
		15	132047	1717.5	13.460	14.550
			132322	1745	13.453	14.660
			132597	1772.5	13.435	14.650
		20	132072	1720	17.890	19.540
			132322	1745	17.959	19.420
			132572	1770	17.914	19.390

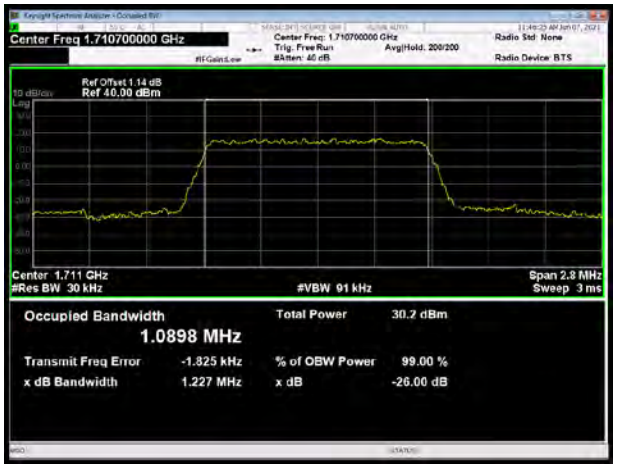
CA_7C	PCC		SCC1		PCC RB	SCC1 RB	Bandwidth(MHz)	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)			99% Power	-26dBc
CA_7C_10MHz+ 20MHz_QPSK	21006	2525.6	21150	2540	50#0	100#0	28.04	29.98
CA_7C_10MHz+ 20MHz_16QAM	21006	2525.6	21150	2540	50#0	100#0	28.03	29.92
CA_7C_10MHz+ 20MHz_64QAM	21006	2525.6	21150	2540	50#0	100#0	27.86	29.84
CA_7C_20MHz+ 10MHz_QPSK	21051	2530.1	21195	2544.5	100#0	50#0	29.01	30.30
CA_7C_20MHz+ 10MHz_16QAM	21051	2530.1	21195	2544.5	100#0	50#0	27.96	30.21
CA_7C_20MHz+ 10MHz_64QAM	21051	2530.1	21195	2544.5	100#0	50#0	27.91	30.20
CA_7C_15MHz+ 10MHz_QPSK	21051	2530.1	21171	2542.1	75#0	50#0	23.51	25.50
CA_7C_15MHz+ 10MHz_16QAM	21025	2527.5	21175	2542.1	75#0	50#0	23.44	25.43
CA_7C_15MHz+ 10MHz_64QAM	21025	2527.5	21175	2542.1	75#0	50#0	23.44	25.49
CA_7C_15MHz+ 15MHz_QPSK	21025	2527.5	21175	2542.5	75#0	75#0	28.57	30.71
CA_7C_15MHz+ 15MHz_16QAM	21025	2527.5	21175	2542.5	75#0	75#0	28.53	30.59
CA_7C_15MHz+ 15MHz_64QAM	21025	2527.5	21175	2542.5	75#0	75#0	27.43	30.61
CA_7C_15MHz+ 20MHz_QPSK	21003	2525.3	21174	2542.4	75#0	100#0	30.76	34.98
CA_7C_15MHz+ 20MHz_16QAM	21003	2525.3	21174	2542.4	75#0	100#0	32.80	34.91
CA_7C_15MHz+ 20MHz_64QAM	21003	2525.3	21174	2542.4	75#0	100#0	32.66	34.85
CA_7C_20MHz+ 15MHz_QPSK	21026	2527.6	21197	2544.7	100#0	75#0	32.84	35.16
CA_7C_20MHz+ 15MHz_16QAM	21026	2527.6	21197	2544.7	100#0	75#0	32.82	34.99
CA_7C_20MHz+ 15MHz_64QAM	21026	2527.6	21197	2544.7	100#0	75#0	32.69	34.97
CA_7C_20MHz+ 20MHz_QPSK	21001	2525.1	21199	2544.9	100#0	100#0	37.56	40.02
CA_7C_20MHz+ 20MHz_16QAM	21001	2525.1	21199	2544.9	100#0	100#0	37.57	39.94
CA_7C_20MHz+	21001	2525.1	21199	2544.9	100#0	100#0	37.50	39.97

20MHz_64QAM								

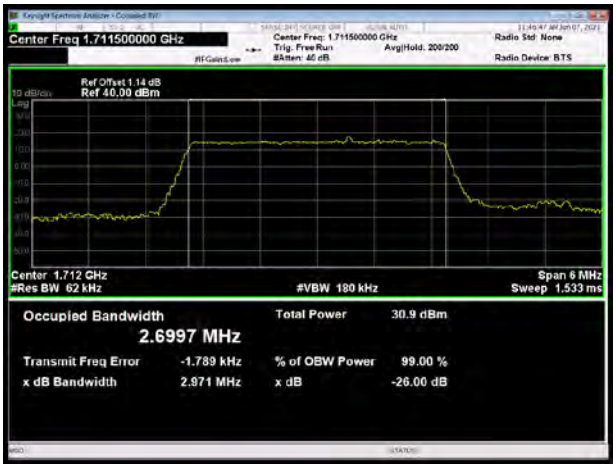
CA_41C	PCC		SCC1		PCC RB	SCC1 RB	Bandwidth(MHz)	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)			99% Power	-26dBc
CA_41C_5MHz+20MHz_QPSK	40528	2583.8	40645	2595.5	25#0	100#0	23.34	24.96
CA_41C_5MHz+20MHz_16QAM	40528	2583.8	40645	2595.5	25#0	100#0	23.15	24.92
CA_41C_5MHz+20MHz_64QAM	40528	2583.8	40645	2595.5	25#0	100#0	23.23	24.96
CA_41C_20MHz+5MHz_QPSK	40595	2590.5	40712	2602.2	100#0	25#0	23.30	25.18
CA_41C_20MHz+5MHz_16QAM	40595	2590.5	40712	2602.2	100#0	25#0	23.30	25.24
CA_41C_20MHz+5MHz_64QAM	40595	2590.5	40712	2602.2	100#0	25#0	23.22	25.02
CA_41C_10MHz+20MHz_QPSK	40526	2583.6	40670	2598	50#0	100#0	28.07	30.05
CA_41C_10MHz+20MHz_16QAM	40526	2583.6	40670	2598	50#0	100#0	27.92	29.89
CA_41C_10MHz+20MHz_64QAM	40526	2583.6	40670	2598	50#0	100#0	28.01	29.94
CA_41C_20MHz+10MHz_QPSK	40571	2588.1	40715	2602.5	100#0	50#0	28.02	30.14
CA_41C_20MHz+10MHz_16QAM	40571	2588.1	40715	2602.5	100#0	50#0	27.98	30.07
CA_41C_20MHz+10MHz_64QAM	40571	2588.1	40715	2602.5	100#0	50#0	27.96	30.15
CA_41C_15MHz+15MHz_QPSK	40545	2585.5	40695	2600.5	75#0	75#0	28.53	30.60
CA_41C_15MHz+15MHz_16QAM	40545	2585.5	40695	2600.5	75#0	75#0	28.56	30.56
CA_41C_15MHz+15MHz_64QAM	40545	2585.5	40695	2600.5	75#0	75#0	28.52	30.71
CA_41C_15MHz+20MHz_QPSK	40523	2583.3	40694	2600.4	75#0	100#0	32.72	35.00
CA_41C_15MHz+20MHz_16QAM	40523	2583.3	40694	2600.4	75#0	100#0	32.76	34.93
CA_41C_15MHz+20MHz_64QAM	40523	2583.3	40694	2600.4	75#0	100#0	32.75	34.95
CA_41C_20MHz+15MHz_QPSK	40546	2585.6	40717	2602.7	100#0	75#0	32.79	35.04
CA_41C_20MHz+15MHz_16QAM	40546	2585.6	40717	2602.7	100#0	75#0	32.81	34.97
CA_41C_20MHz+15	40546	2585.6	40717	2602.7	100#	75#0	32.67	35.10

MHz_64QAM					0			
CA_41C_20MHz+20 MHz_QPSK	40521	2583.1	40719	2602.9	100#0	100#0	37.53	39.94
CA_41C_20MHz+20 MHz_16QAM	40521	2583.1	40719	2602.9	100#0	100#0	37.55	39.88
CA_41C_20MHz+20 MHz_64QAM	40521	2583.1	40719	2602.9	100#0	100#0	37.61	40.05

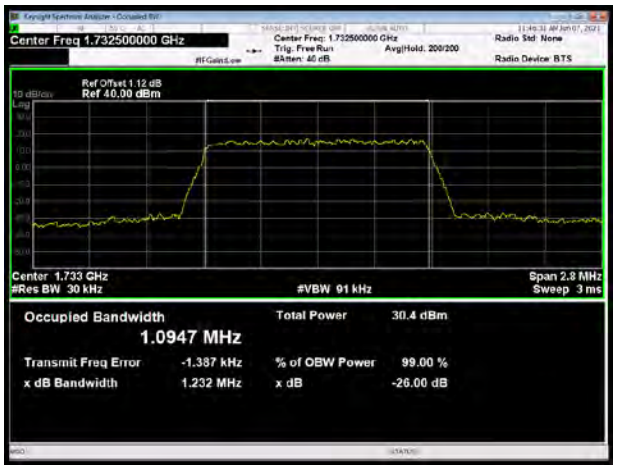
LTE Band 4 QPSK 1.4MHz CH-Low



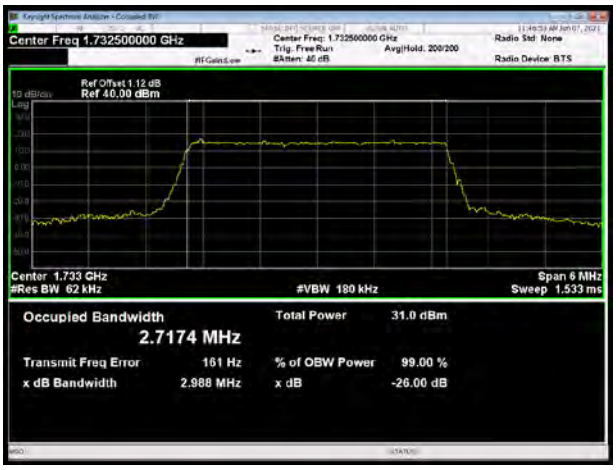
LTE Band 4 QPSK 3MHz CH-Low



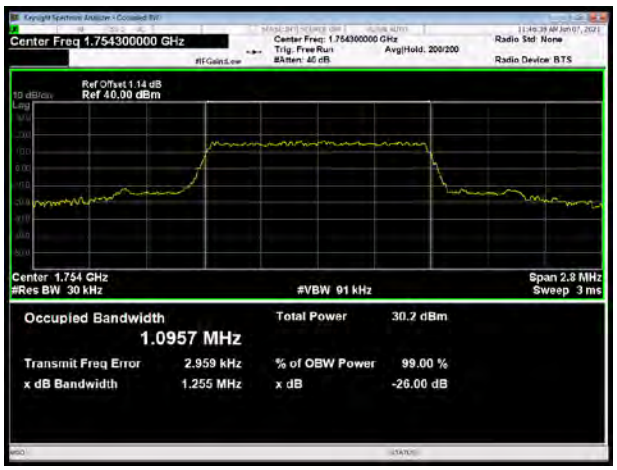
LTE Band 4 QPSK 1.4MHz CH-Middle



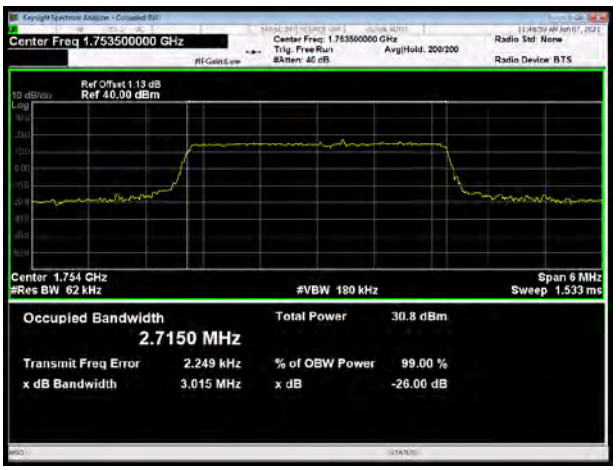
LTE Band 4 QPSK 3MHz CH-Middle



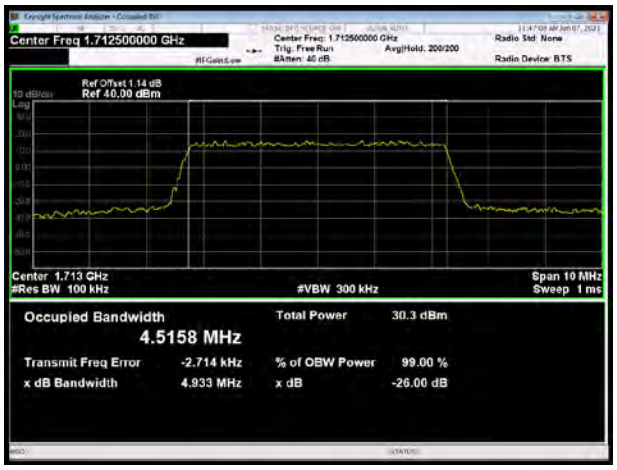
LTE Band 4 QPSK 1.4MHz CH-High



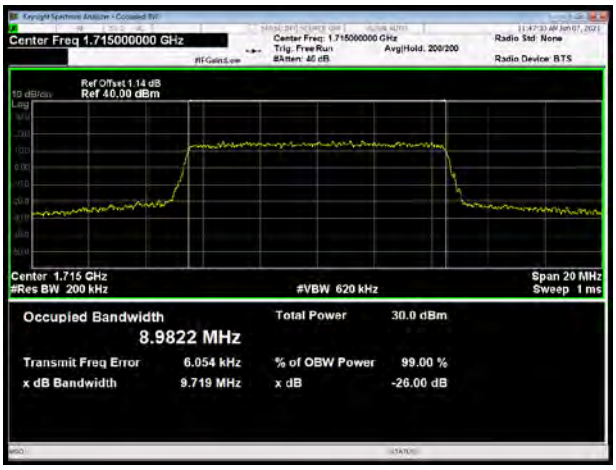
LTE Band 4 QPSK 3MHz CH-High



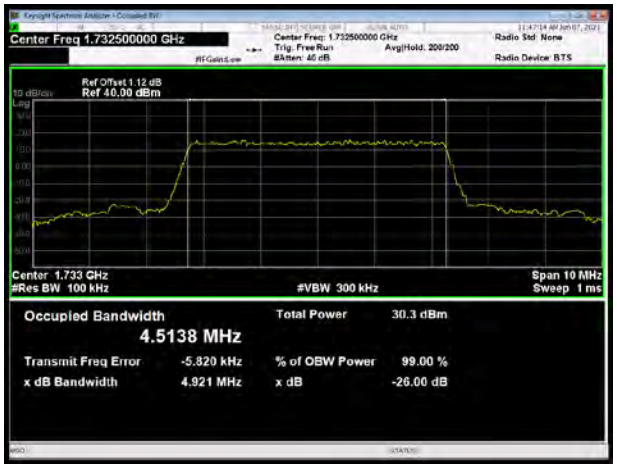
LTE Band 4 QPSK 5MHz CH-Low



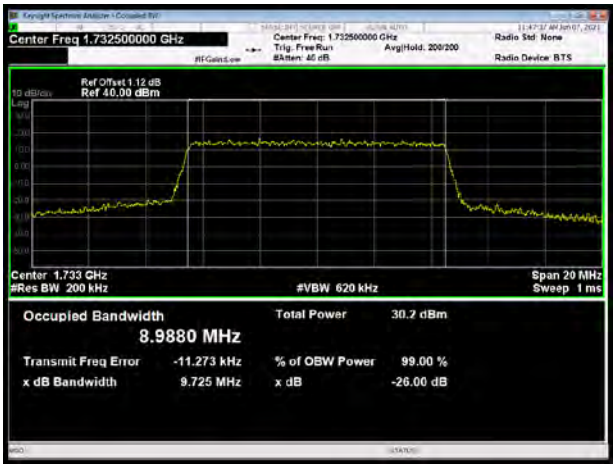
LTE Band 4 QPSK 10MHz CH-Low



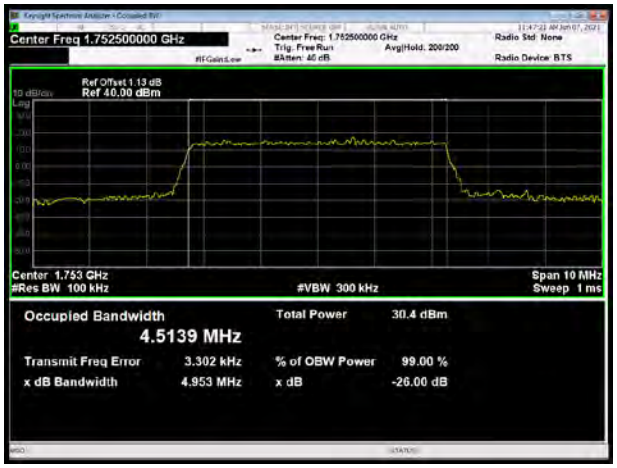
LTE Band 4 QPSK 5MHz CH-Middle



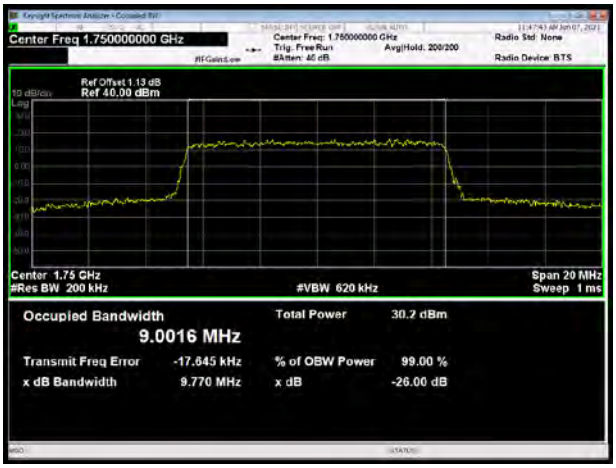
LTE Band 4 QPSK 10MHz CH-Middle



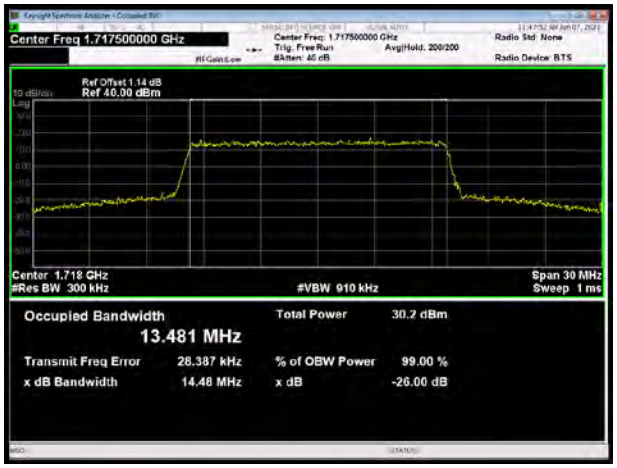
LTE Band 4 QPSK 5MHz CH-High



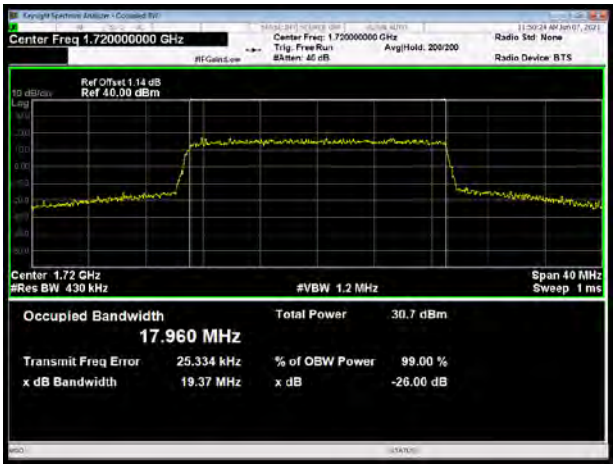
LTE Band 4 QPSK 10MHz CH-High



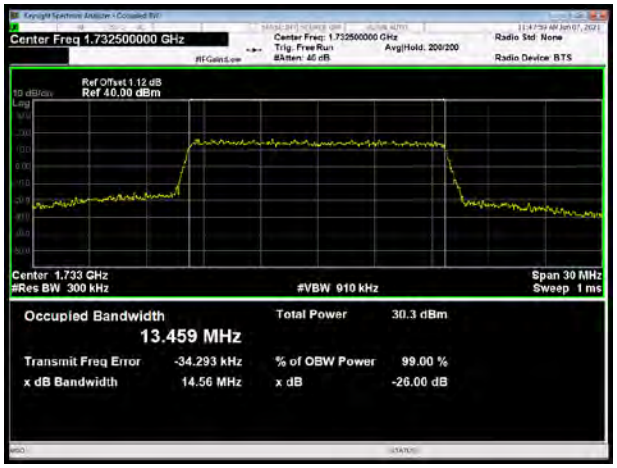
LTE Band 4 QPSK 15MHz CH-Low



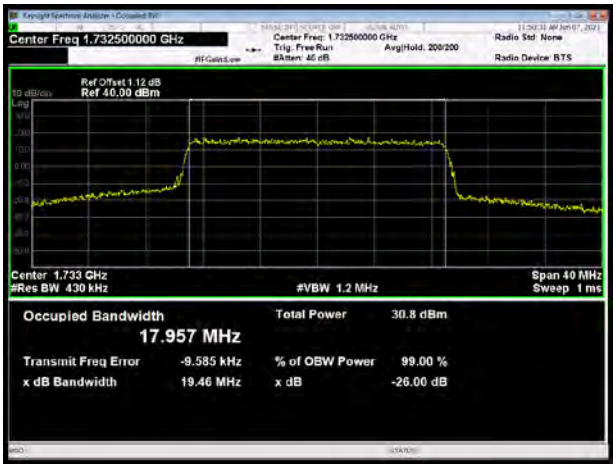
LTE Band 4 QPSK 20MHz CH-Low



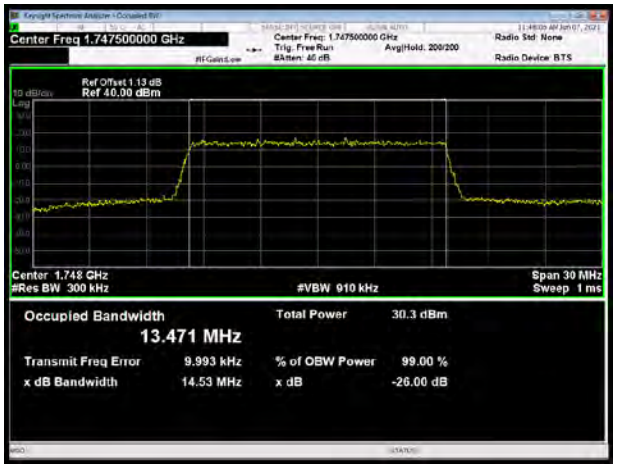
LTE Band 4 QPSK 15MHz CH-Middle



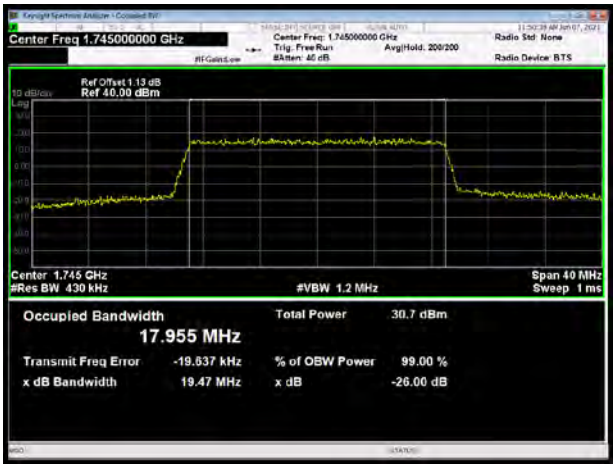
LTE Band 4 QPSK 20MHz CH-Middle



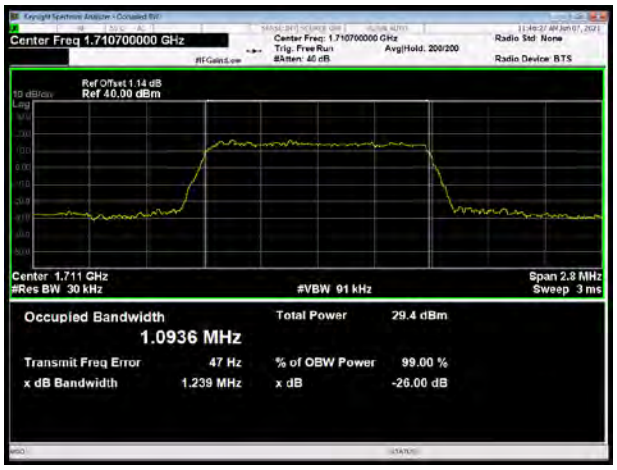
LTE Band 4 QPSK 15MHz CH-High



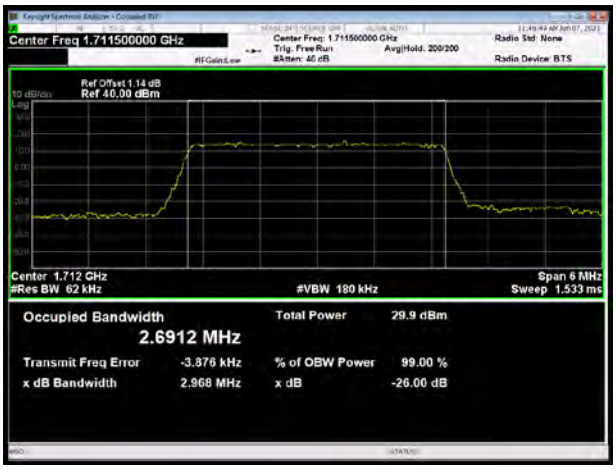
LTE Band 4 QPSK 20MHz CH-High



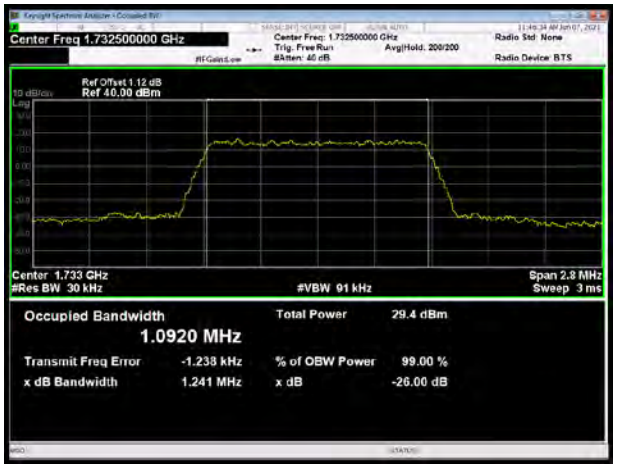
LTE Band 4 16QAM 1.4MHz CH-Low



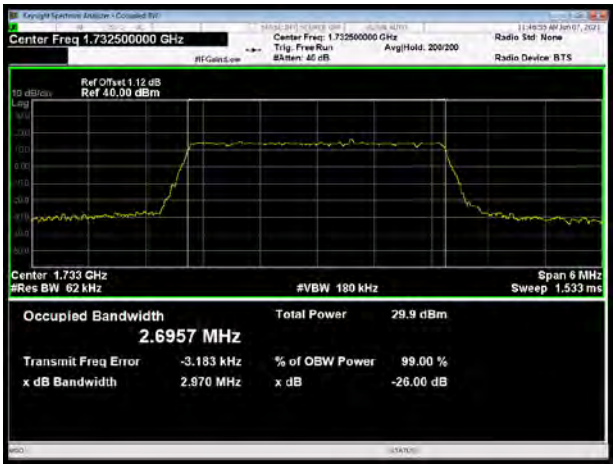
LTE Band 4 16QAM 3MHz CH-Low



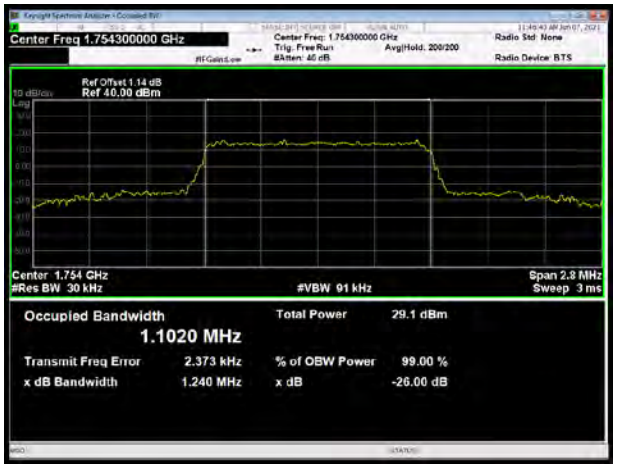
LTE Band 4 16QAM 1.4MHz CH-Middle



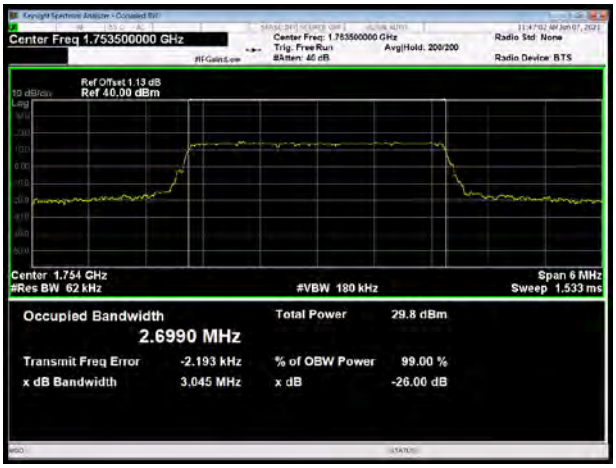
LTE Band 4 16QAM 3MHz CH-Middle



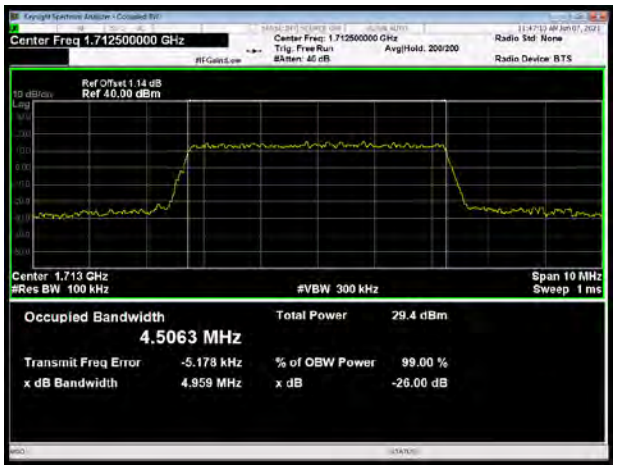
LTE Band 4 16QAM 1.4MHz CH-High



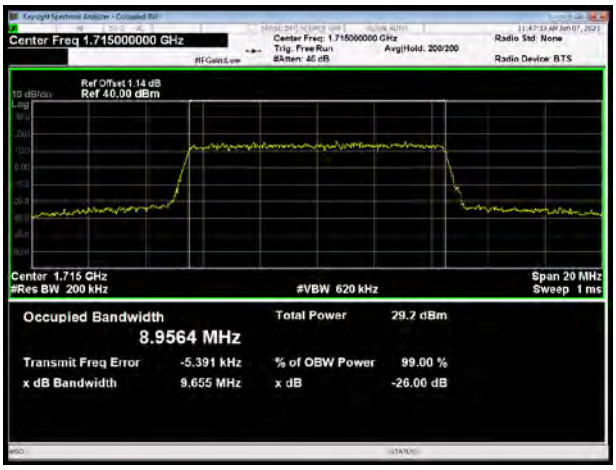
LTE Band 4 16QAM 3MHz CH-High



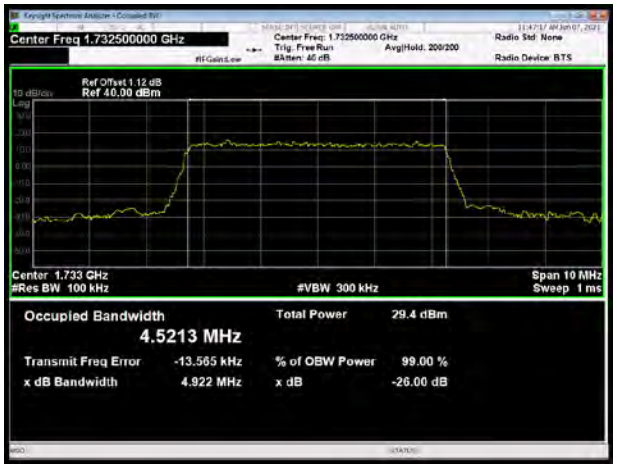
LTE Band 4 16QAM 5MHz CH-Low



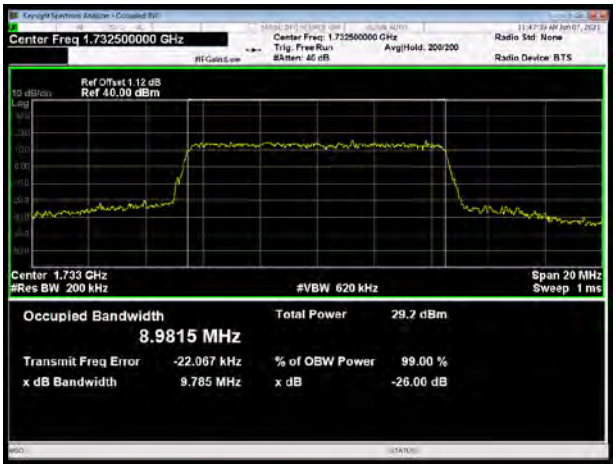
LTE Band 4 16QAM 10MHz CH-Low



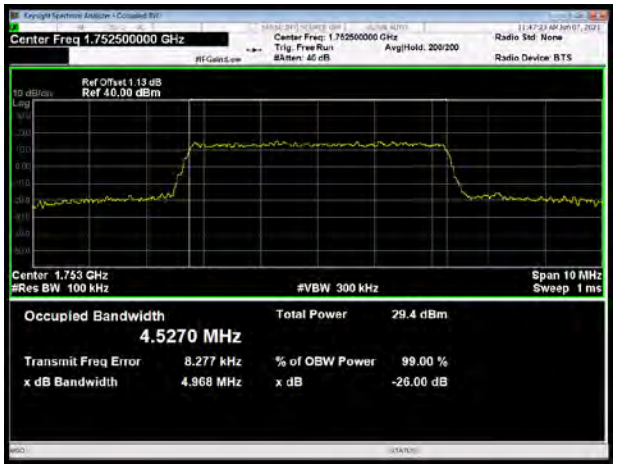
LTE Band 4 16QAM 5MHz CH-Middle



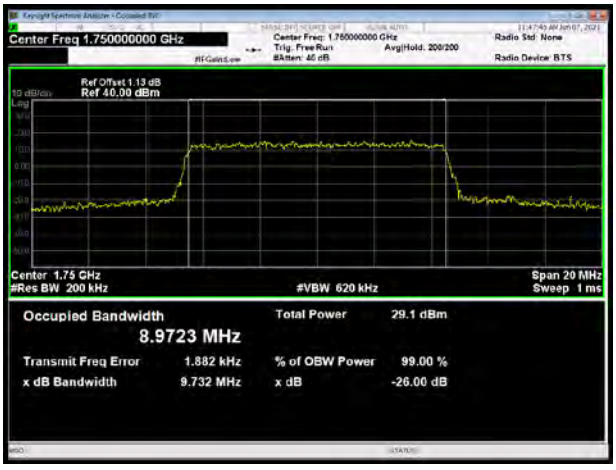
LTE Band 4 16QAM 10MHz CH-Middle



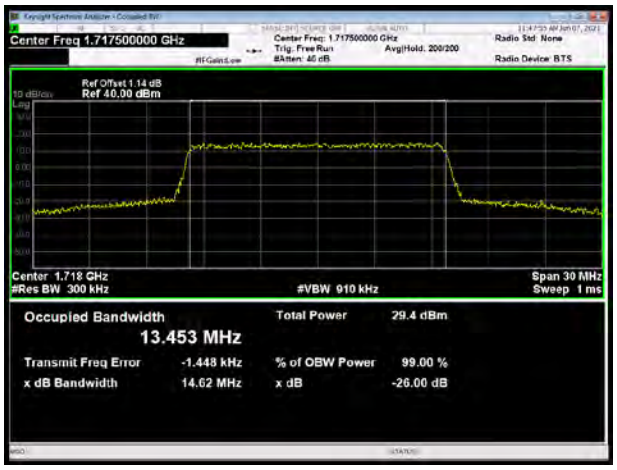
LTE Band 4 16QAM 5MHz CH-High



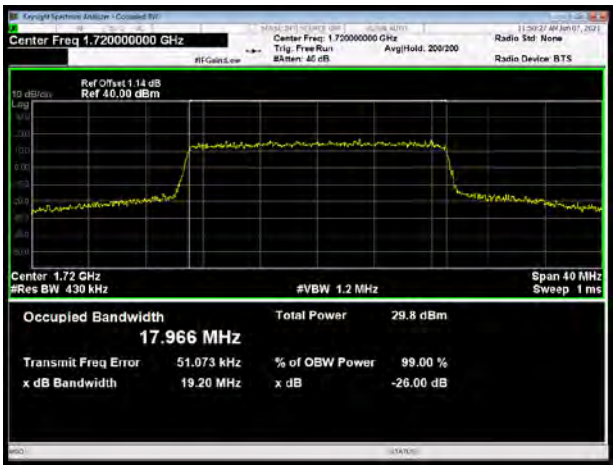
LTE Band 4 16QAM 10MHz CH-High



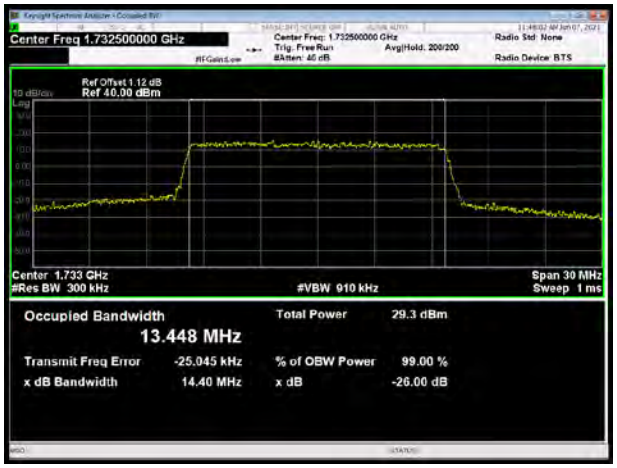
LTE Band 4 16QAM 15MHz CH-Low



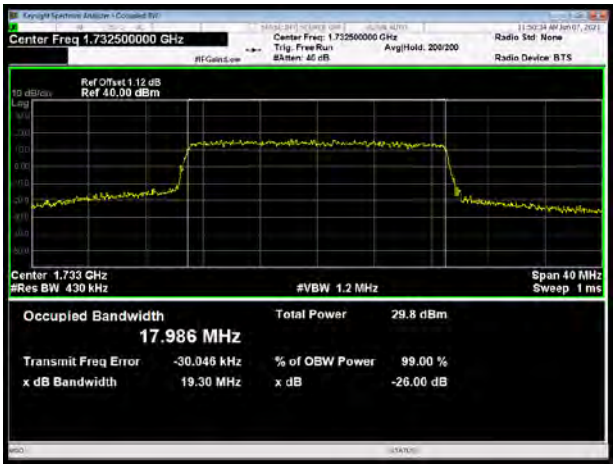
LTE Band 4 16QAM 20MHz CH-Low



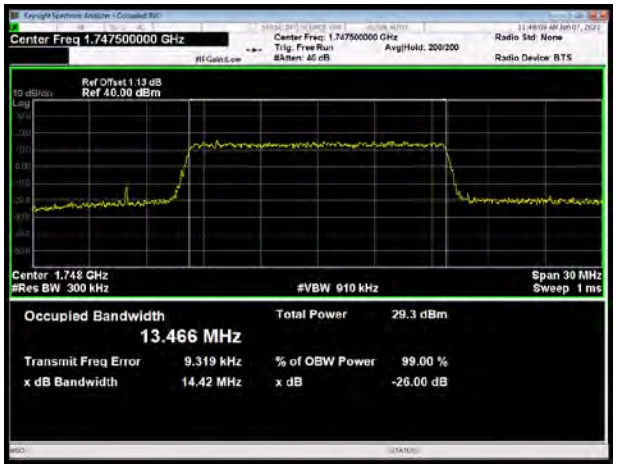
LTE Band 4 16QAM 15MHz CH-Middle



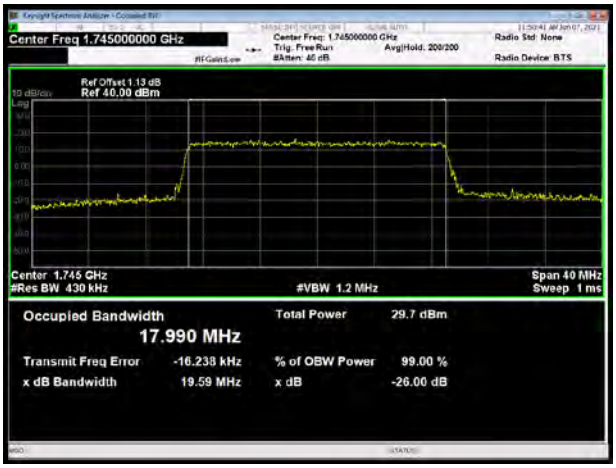
LTE Band 4 16QAM 20MHz CH-Middle



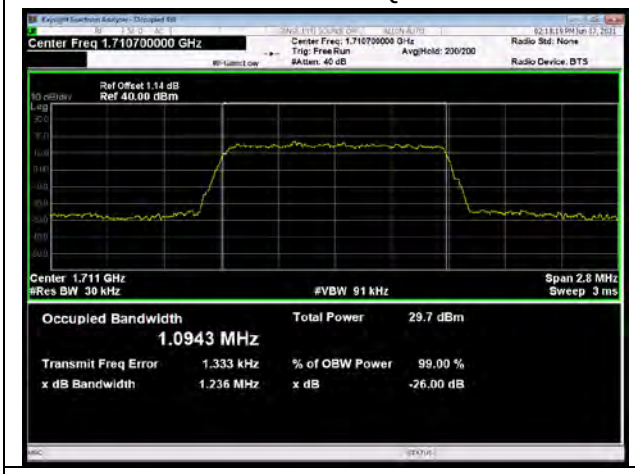
LTE Band 4 16QAM 15MHz CH-High



LTE Band 4 16QAM 20MHz CH-High

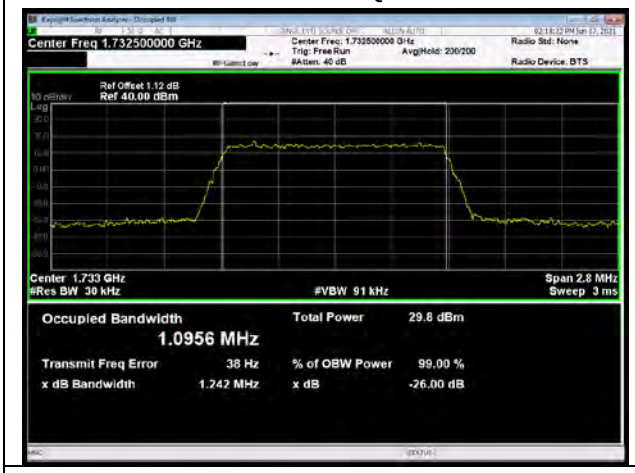


LTE Band 4 1.4MHz 64QAM CH-Low



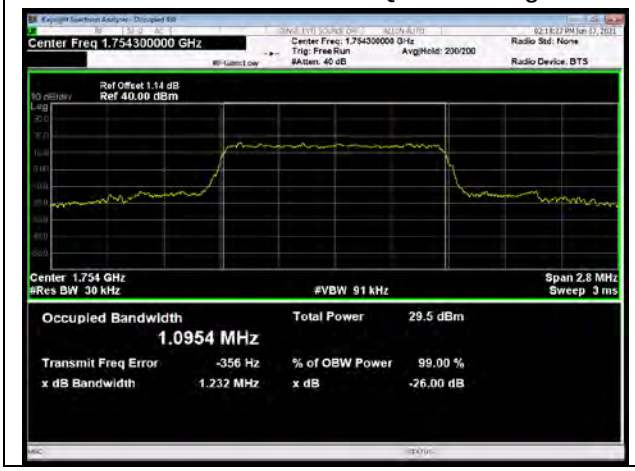
LTE Band 4 3MHz 64QAM CH-Low

LTE Band 4 1.4MHz 64QAM CH-Middle

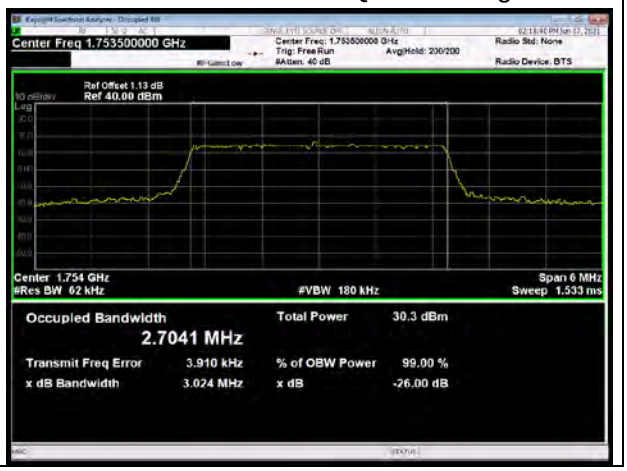


LTE Band 4 3MHz 64QAM CH-Middle

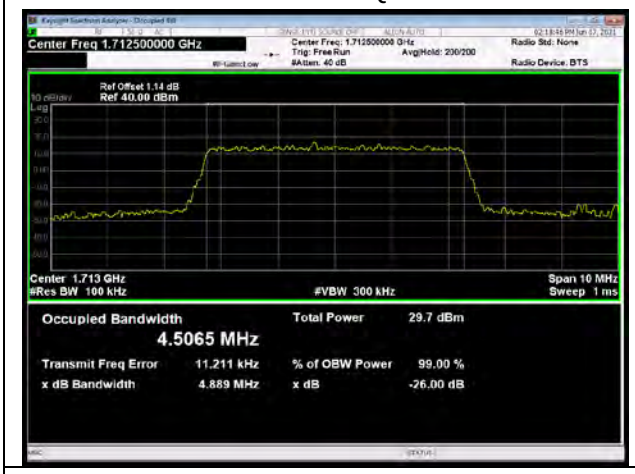
LTE Band 4 1.4MHz 64QAM CH-High



LTE Band 4 3MHz 64QAM CH-High

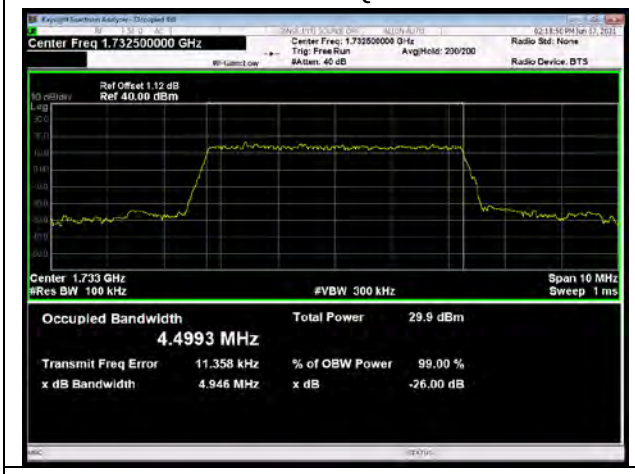


LTE Band 4 5MHz 64QAM CH-Low

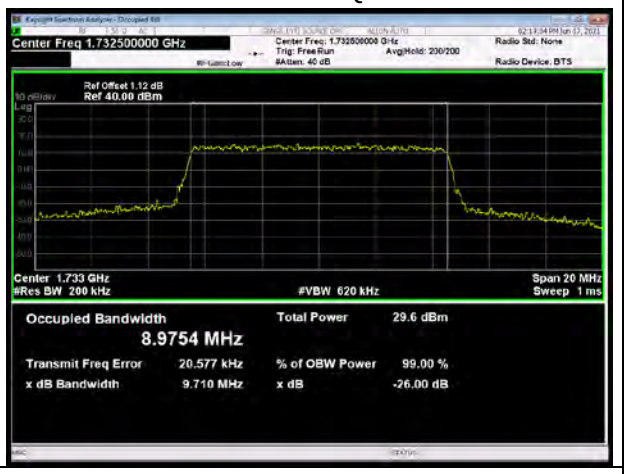


LTE Band 4 10MHz 64QAM CH-Low

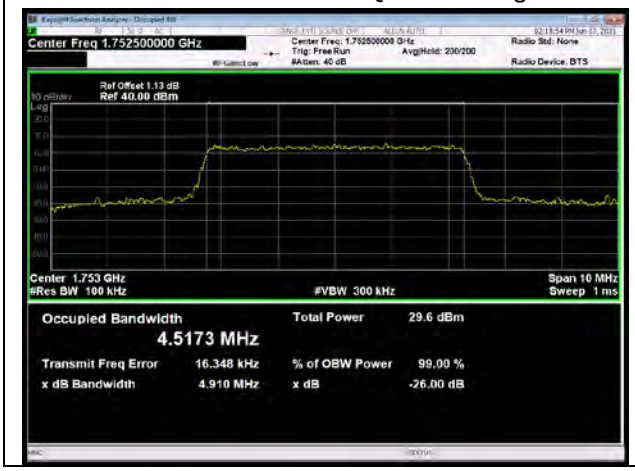
LTE Band 4 5MHz 64QAM CH-Middle



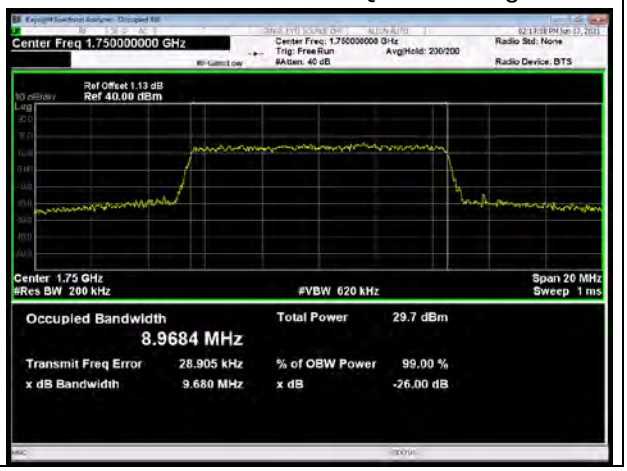
LTE Band 4 10MHz 64QAM CH-Middle



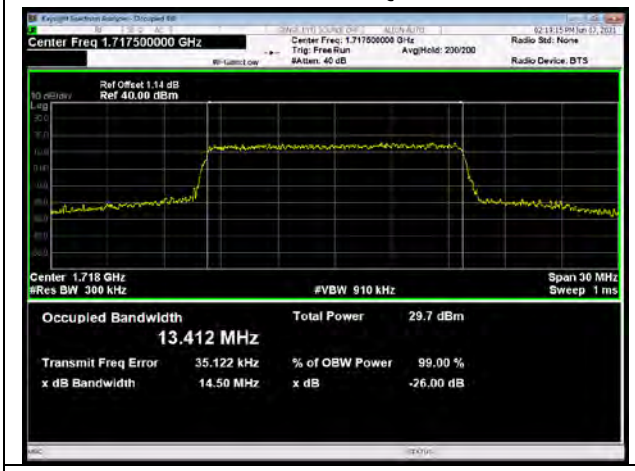
LTE Band 4 5MHz 64QAM CH-High



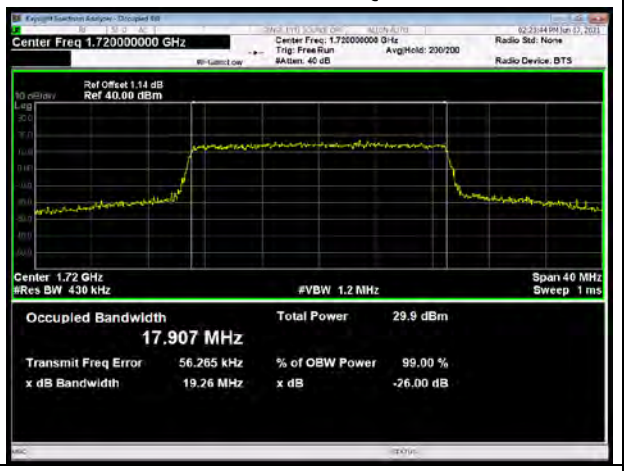
LTE Band 4 10MHz 64QAM CH-High



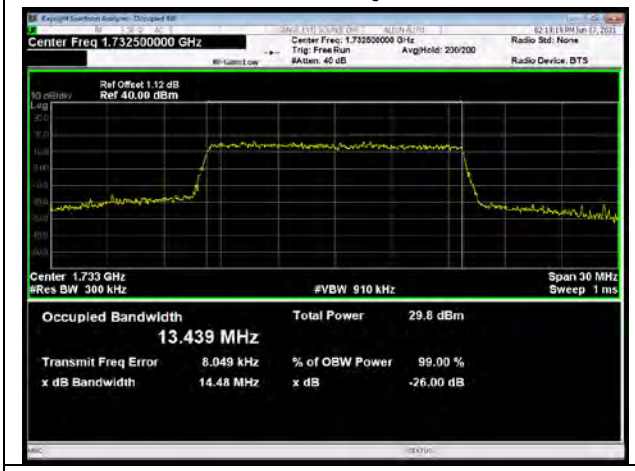
LTE Band 4 15MHz 64QAM CH-Low



LTE Band 4 20MHz 64QAM CH-Low

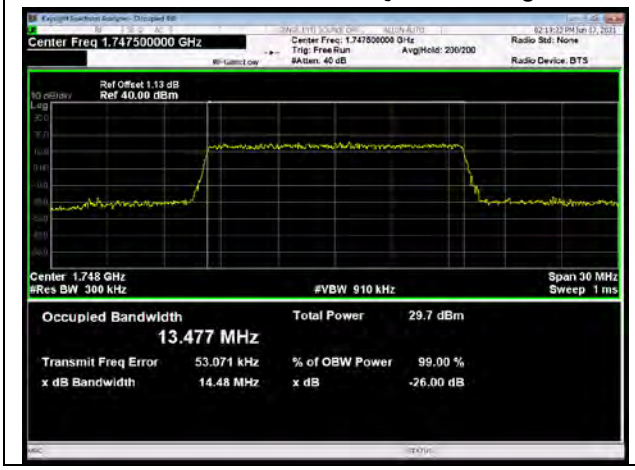


LTE Band 4 15MHz 64QAM CH-Middle

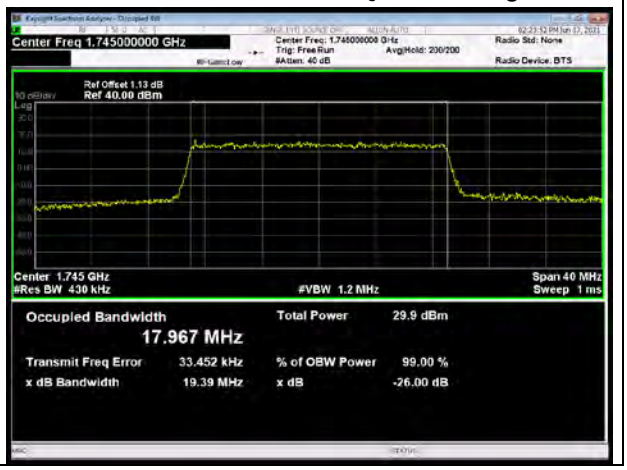


LTE Band 4 20MHz 64QAM CH-Middle

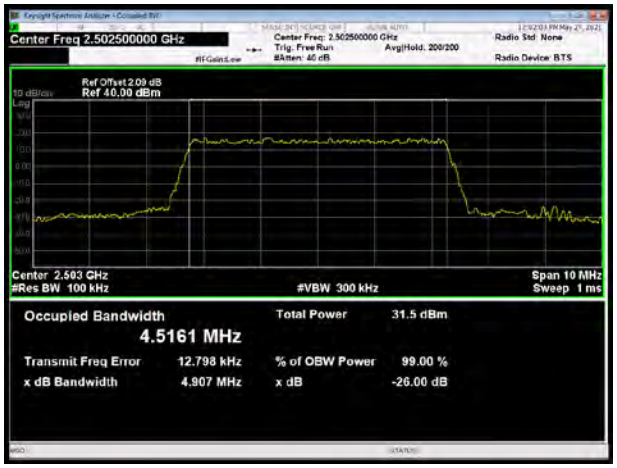
LTE Band 4 15MHz 64QAM CH-High



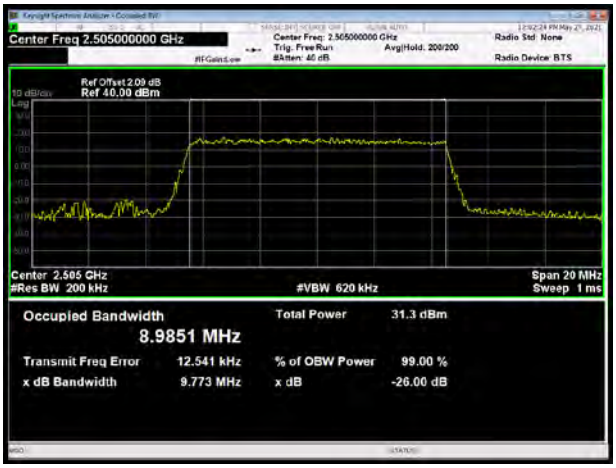
LTE Band 4 20MHz 64QAM CH-High



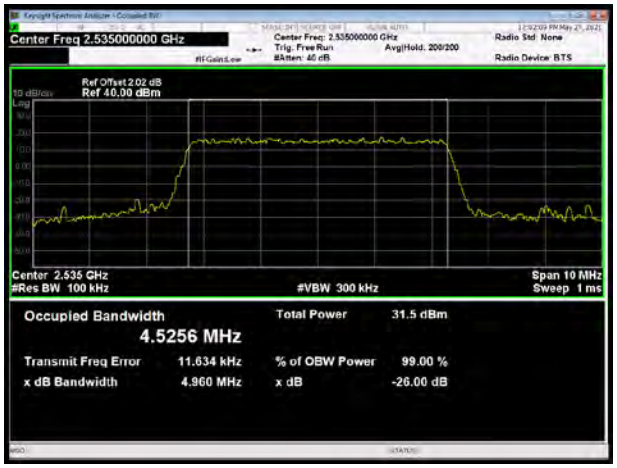
LTE Band 7 QPSK 5MHz CH-Low



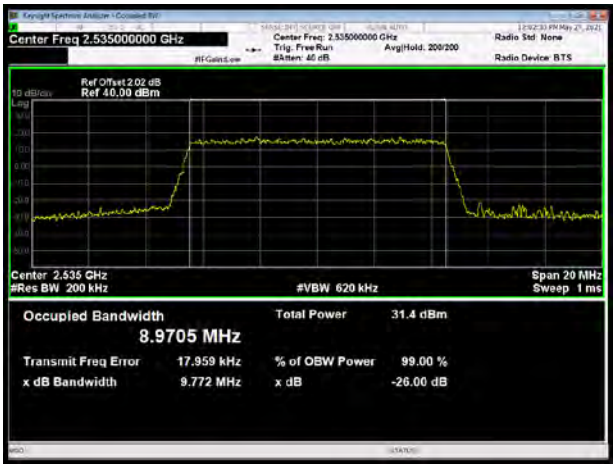
LTE Band 7 QPSK 10MHz CH-Low



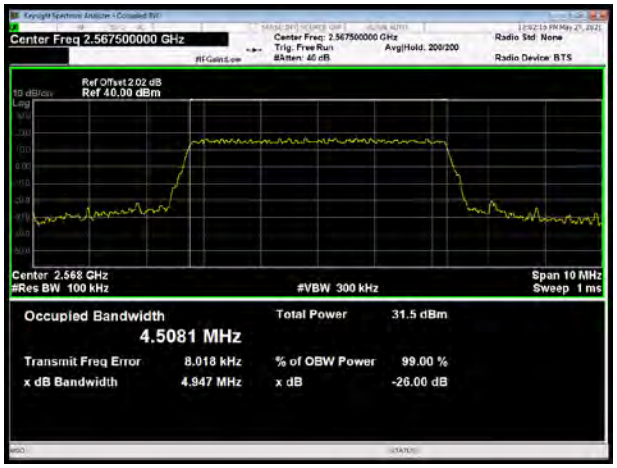
LTE Band 7 QPSK 5MHz CH-Middle



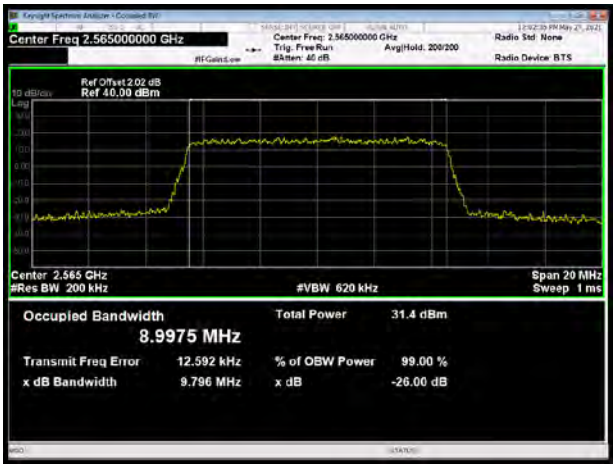
LTE Band 7 QPSK 10MHz CH-Middle



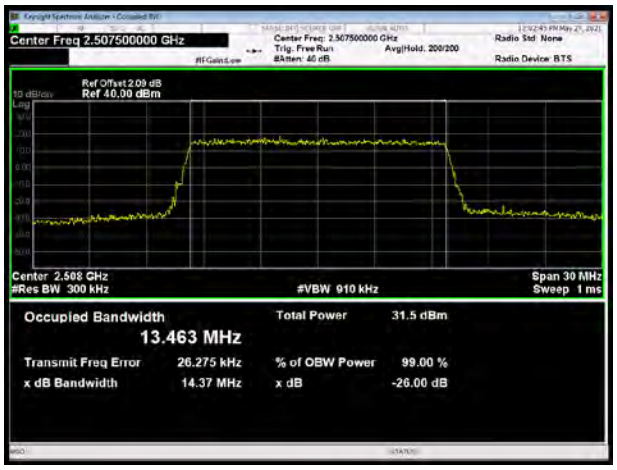
LTE Band 7 QPSK 5MHz CH-High



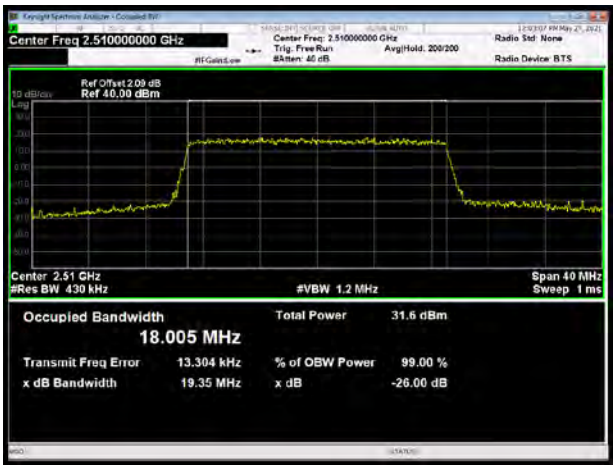
LTE Band 7 QPSK 10MHz CH-High



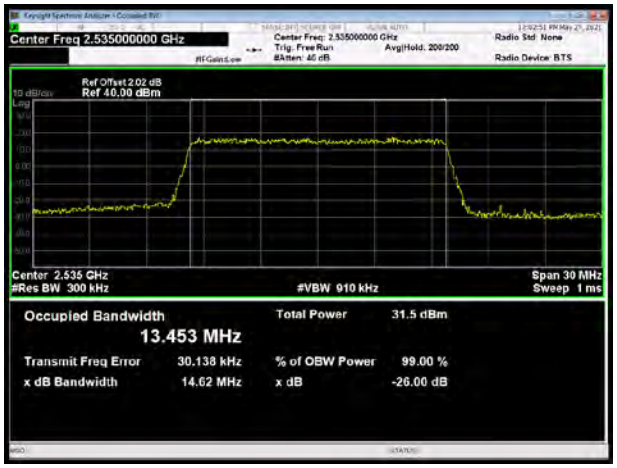
LTE Band 7 QPSK 15MHz CH-Low



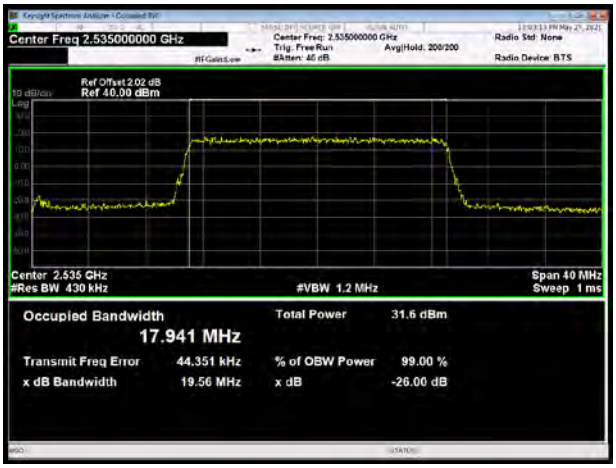
LTE Band 7 QPSK 20MHz CH-Low



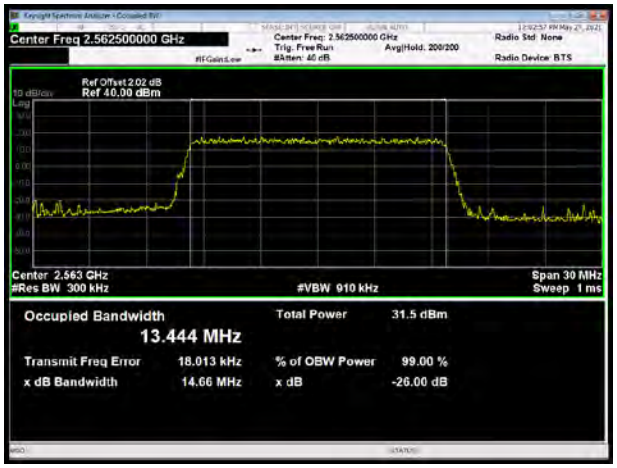
LTE Band 7 QPSK 15MHz CH-Middle



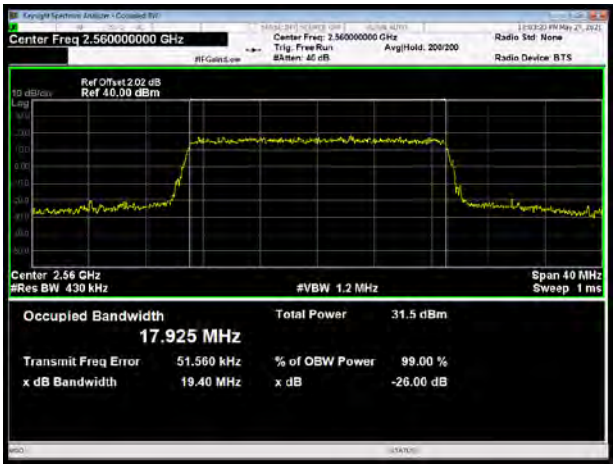
LTE Band 7 QPSK 20MHz CH-Middle



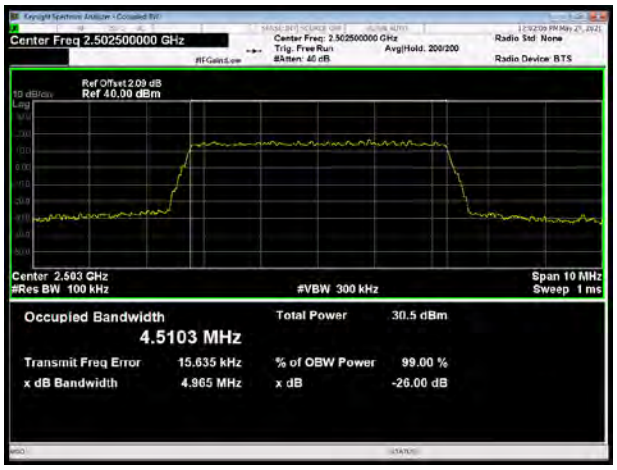
LTE Band 7 QPSK 15MHz CH-High



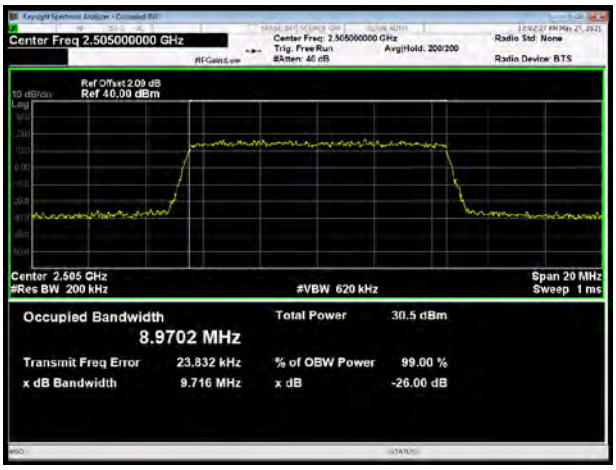
LTE Band 7 QPSK 20MHz CH-High



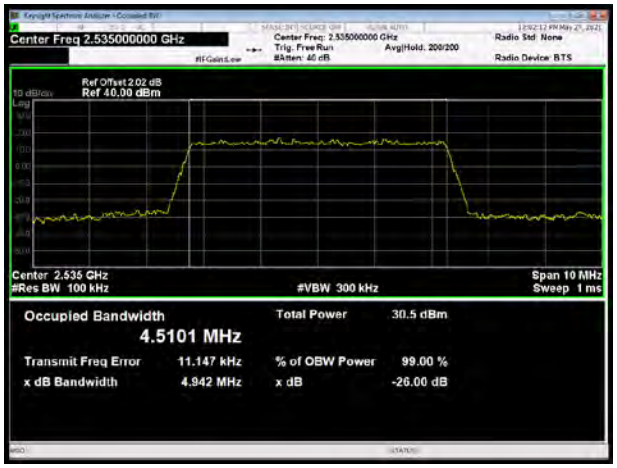
LTE Band 7 16QAM 5MHz CH-Low



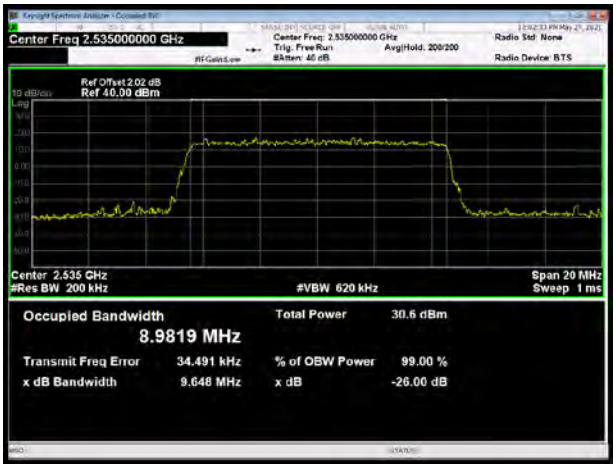
LTE Band 7 16QAM 10MHz CH-Low



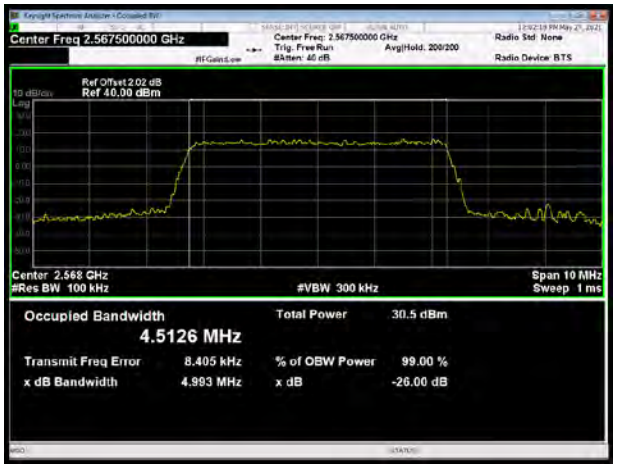
LTE Band 7 16QAM 5MHz CH-Middle



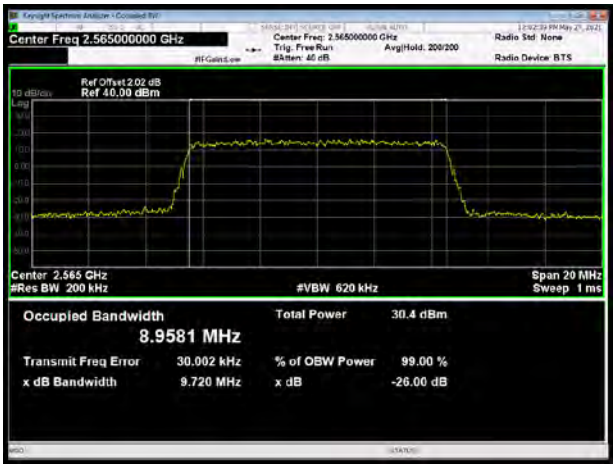
LTE Band 7 16QAM 10MHz CH-Middle



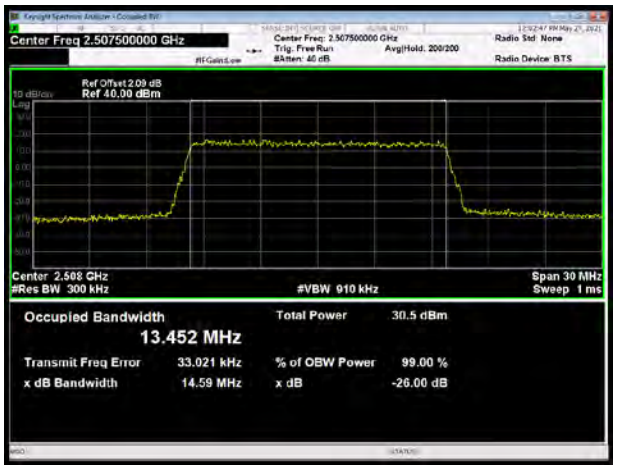
LTE Band 7 16QAM 5MHz CH-High



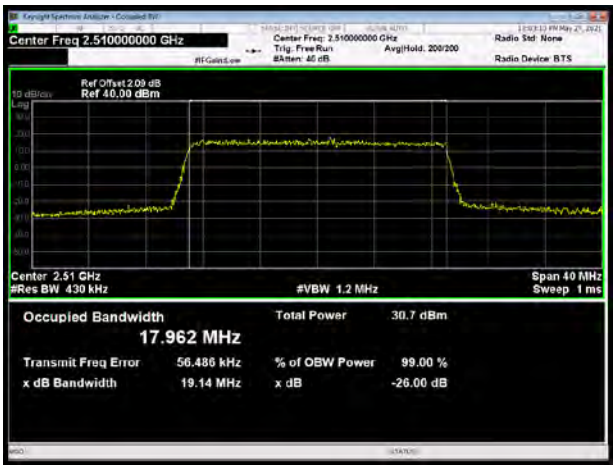
LTE Band 7 16QAM 10MHz CH-High



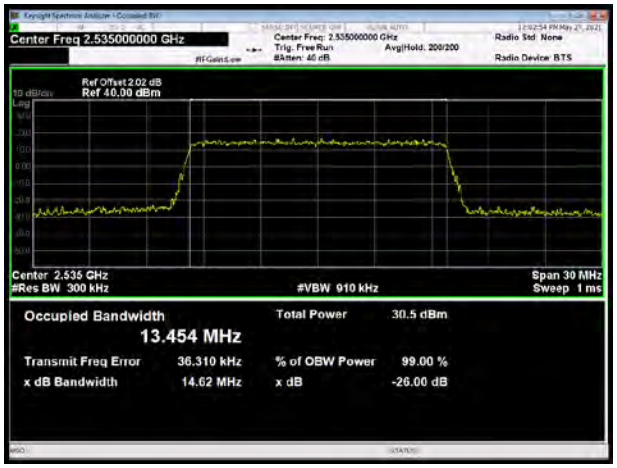
LTE Band 7 16QAM 15MHz CH-Low



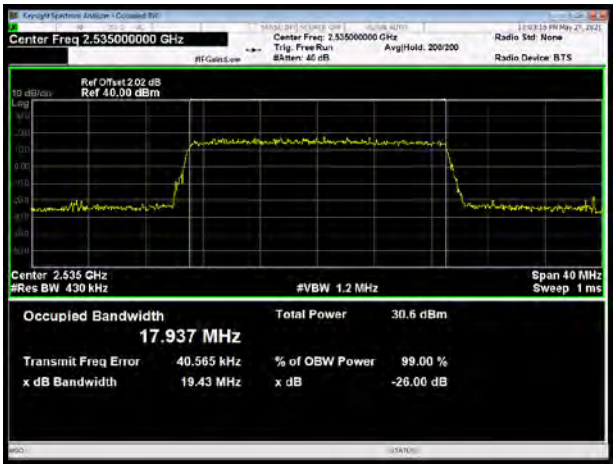
LTE Band 7 16QAM 20MHz CH-Low



LTE Band 7 16QAM 15MHz CH-Middle

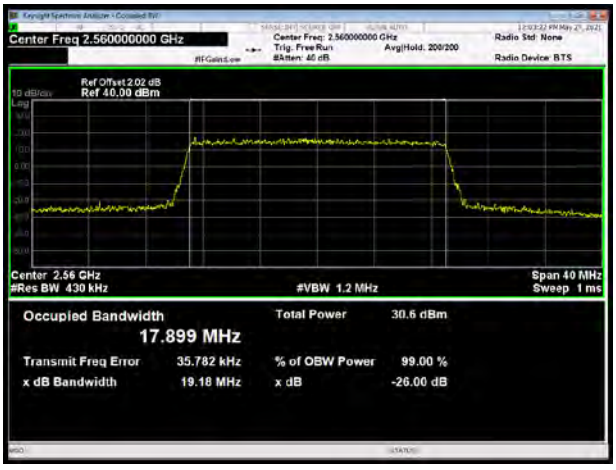


LTE Band 7 16QAM 20MHz CH-Middle

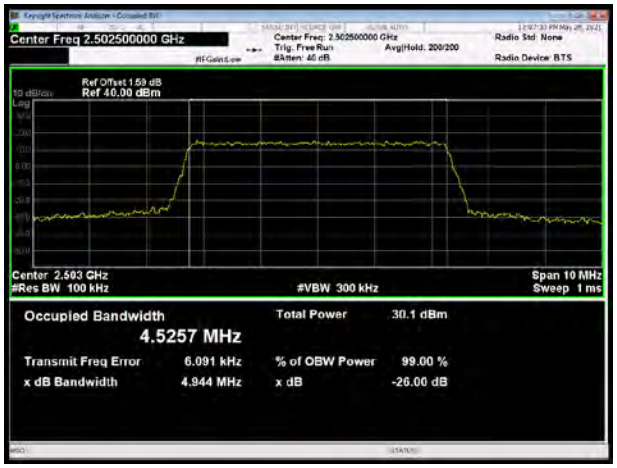


LTE Band 7 16QAM 15MHz CH-High

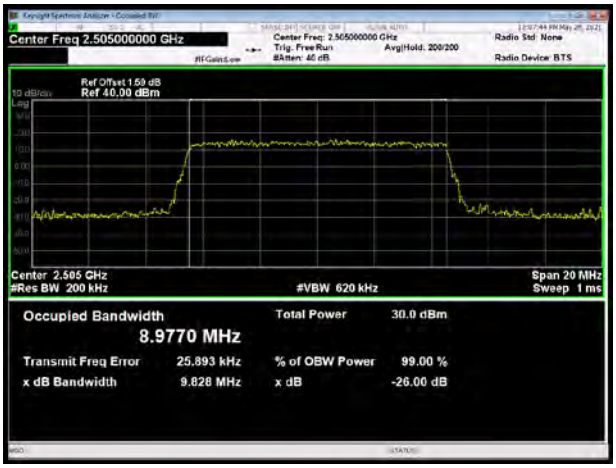
LTE Band 7 16QAM 20MHz CH-High



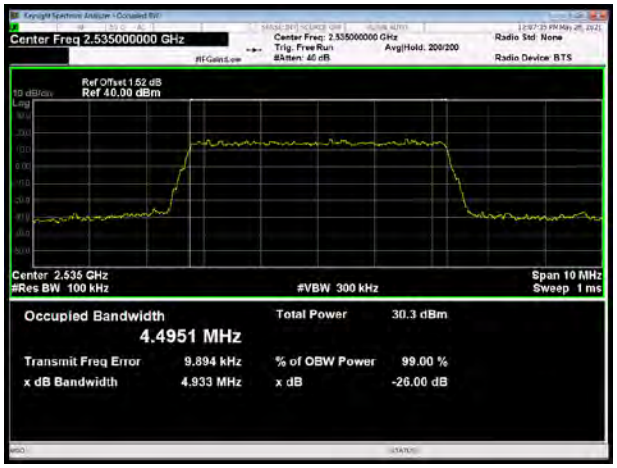
LTE Band 7 64QAM 5MHz CH-Low



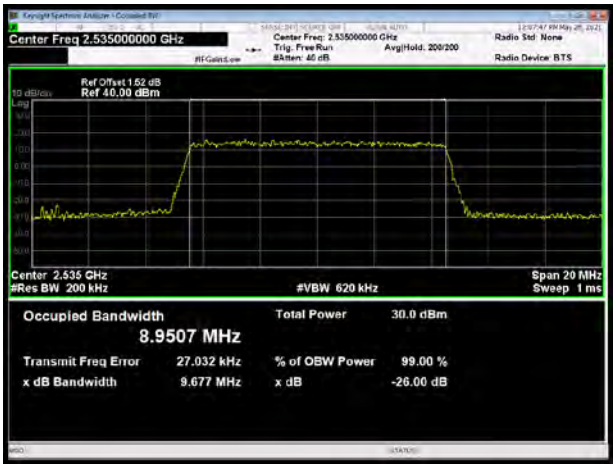
LTE Band 7 64QAM 10MHz CH-Low



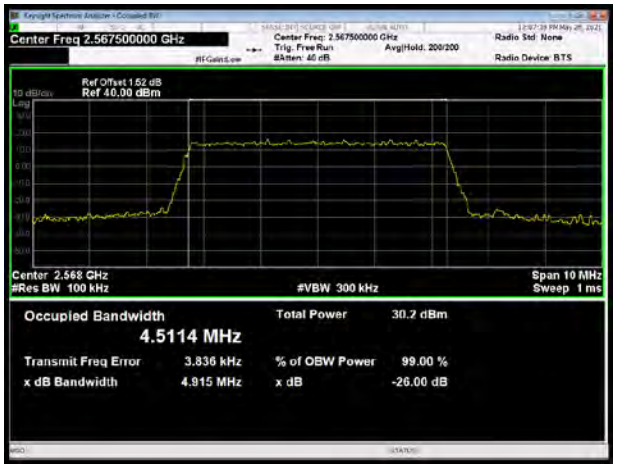
LTE Band 7 64QAM 5MHz CH-Middle



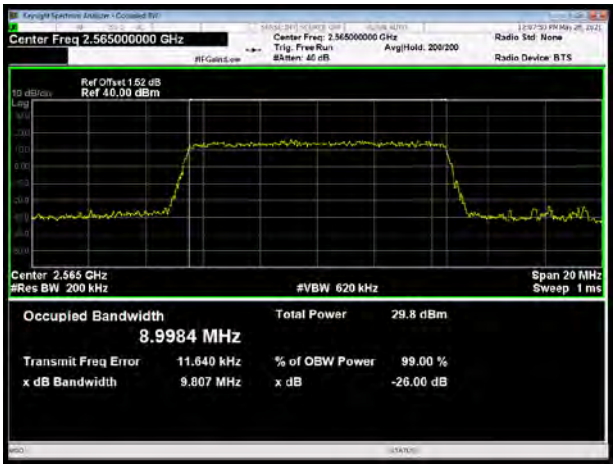
LTE Band 7 64QAM 10MHz CH-Middle



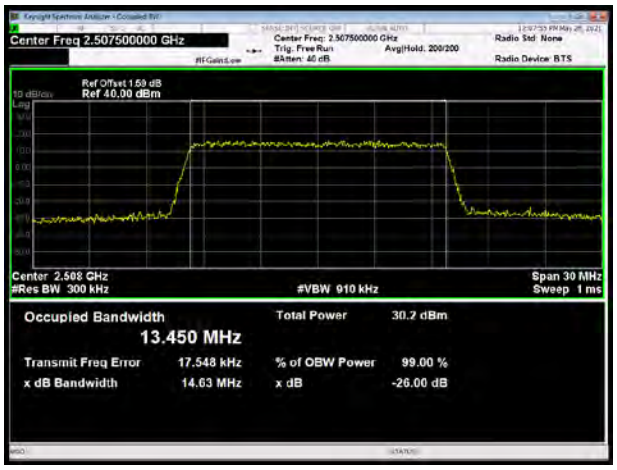
LTE Band 7 64QAM 5MHz CH-High



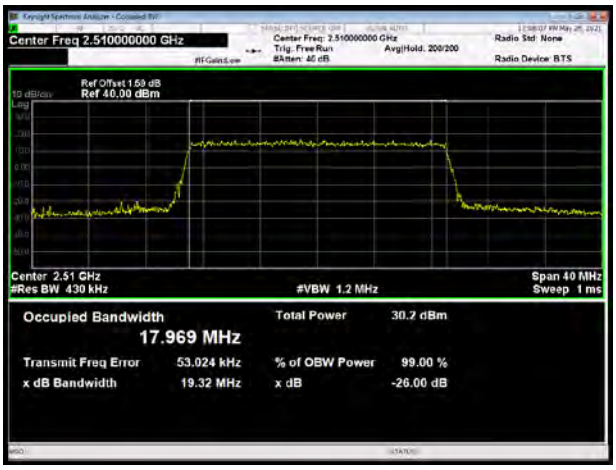
LTE Band 7 64QAM 10MHz CH-High



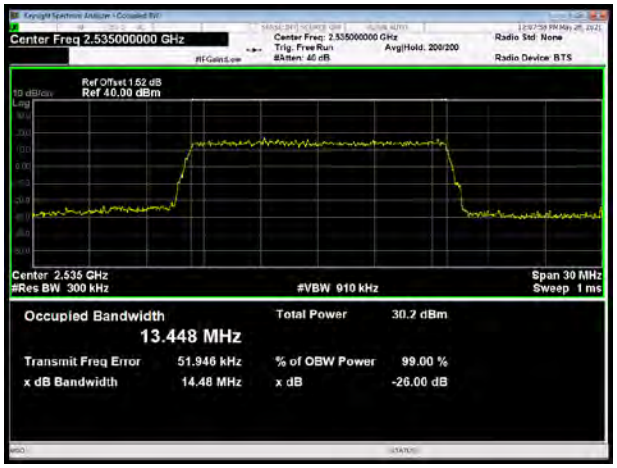
LTE Band 7 64QAM 15MHz CH-Low



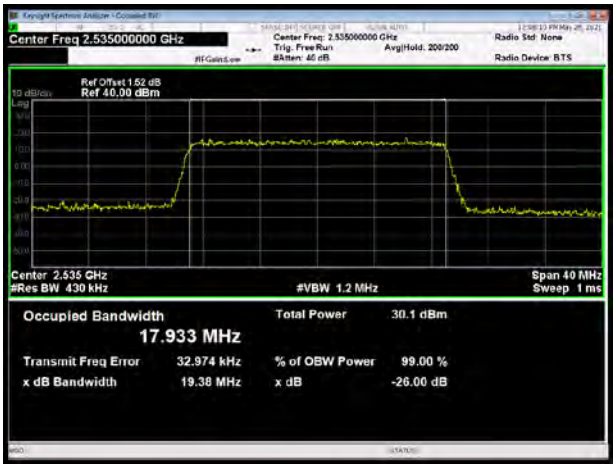
LTE Band 7 64QAM 20MHz CH-Low



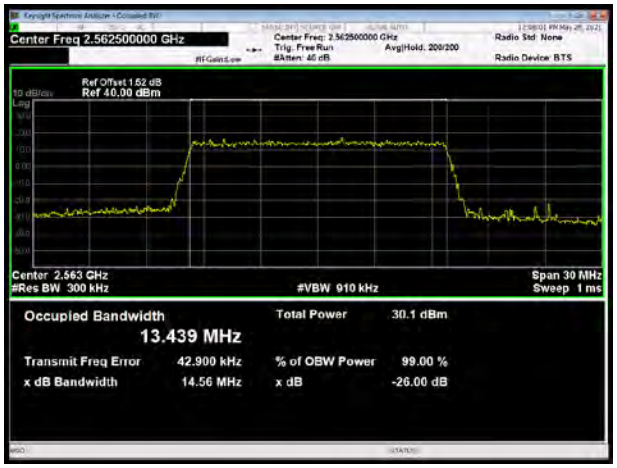
LTE Band 7 64QAM 15MHz CH-Middle



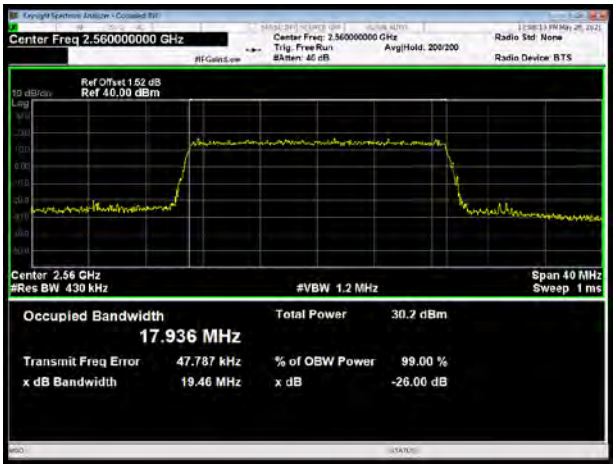
LTE Band 7 64QAM 20MHz CH-Middle



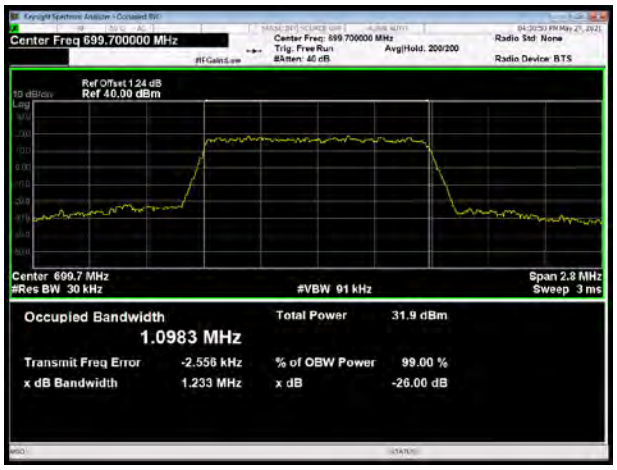
LTE Band 7 64QAM 15MHz CH-High



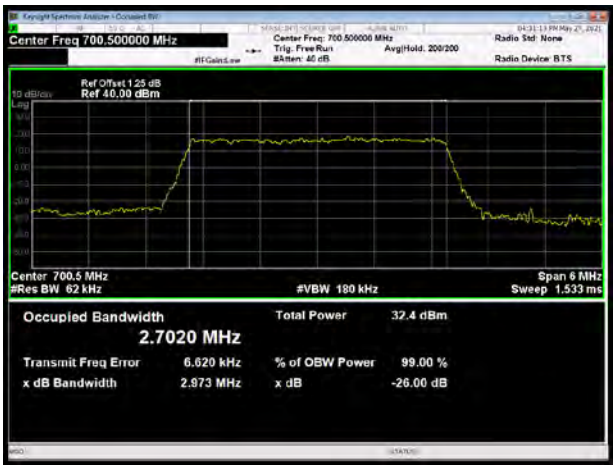
LTE Band 7 64QAM 20MHz CH-High



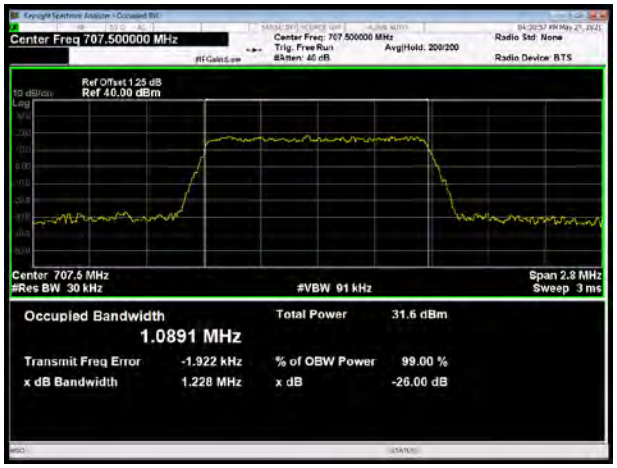
LTE Band 12 QPSK 1.4MHz CH-Low



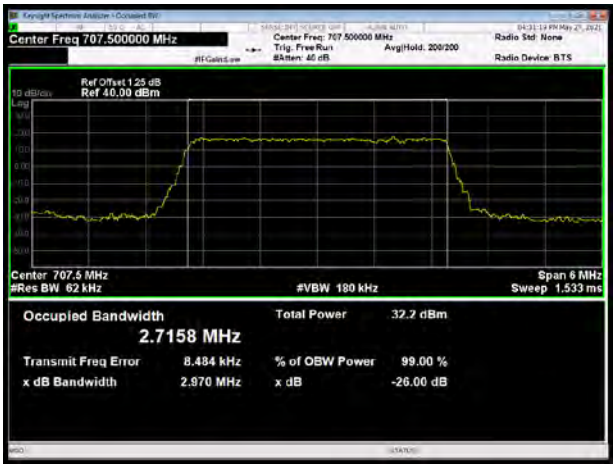
LTE Band 12 QPSK 3MHz CH-Low



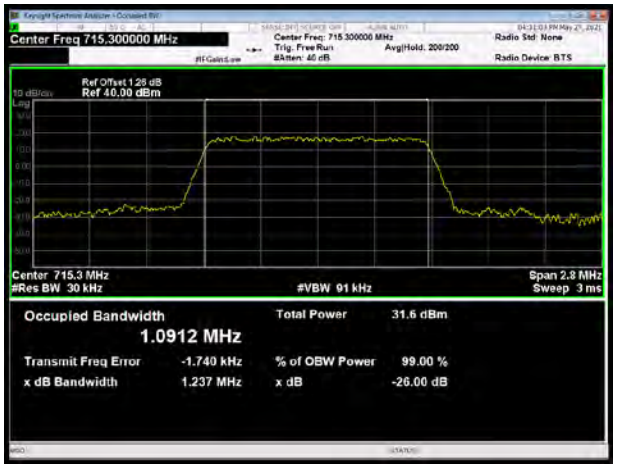
LTE Band 12 QPSK 1.4MHz CH-Middle



LTE Band 12 QPSK 3MHz CH-Middle

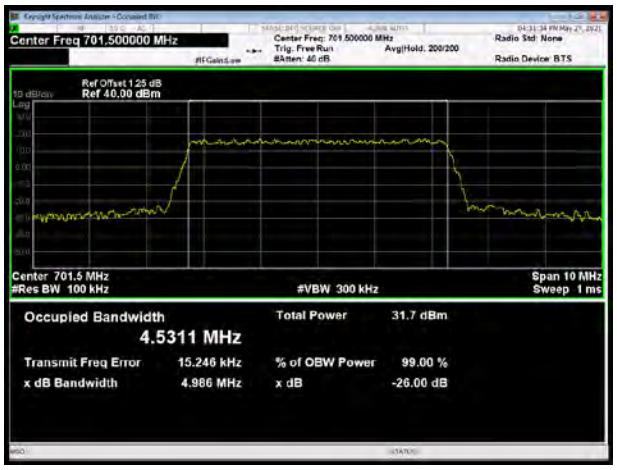


LTE Band 12 QPSK 1.4MHz CH-High

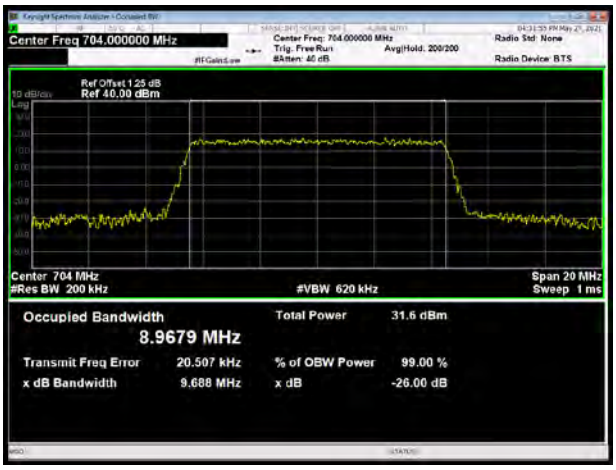


LTE Band 12 QPSK 3MHz CH-High

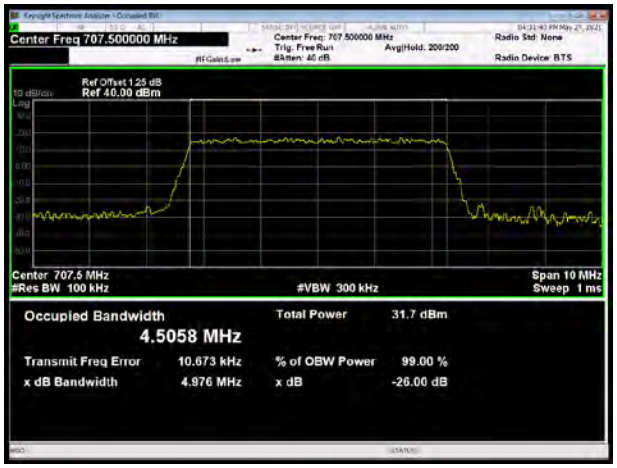
LTE Band 12 QPSK 5MHz CH-Low



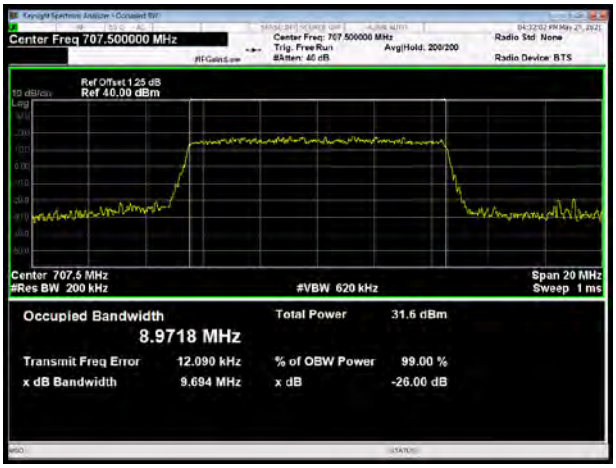
LTE Band 12 QPSK 10MHz CH-Low



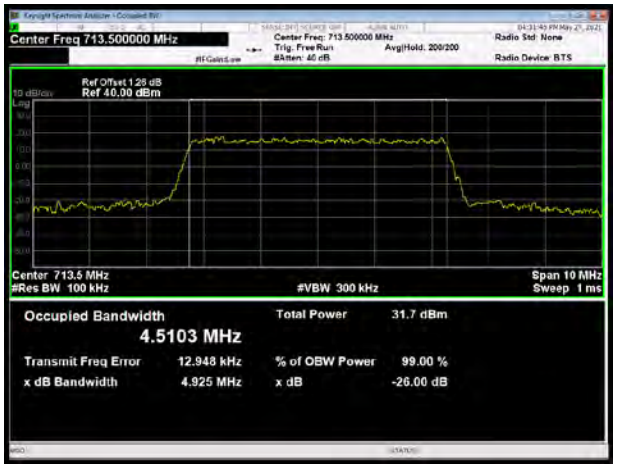
LTE Band 12 QPSK 5MHz CH-Middle



LTE Band 12 QPSK 10MHz CH-Middle

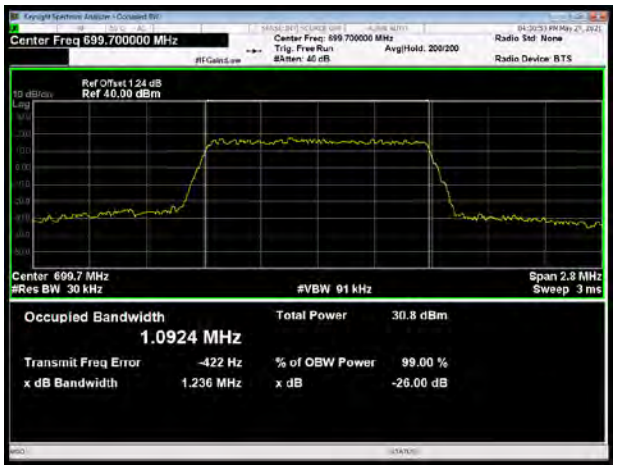


LTE Band 12 QPSK 5MHz CH-High

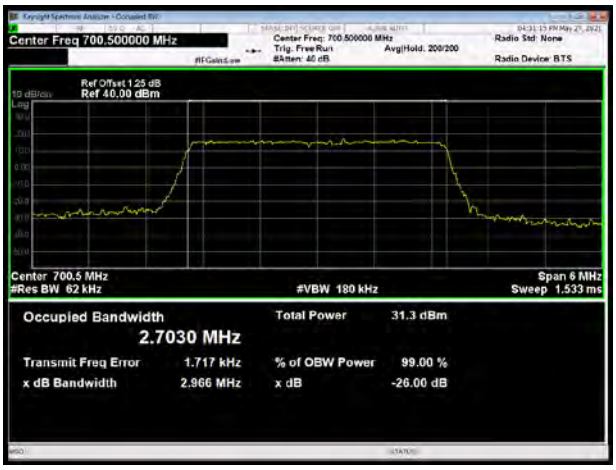


LTE Band 12 QPSK 10MHz CH-High

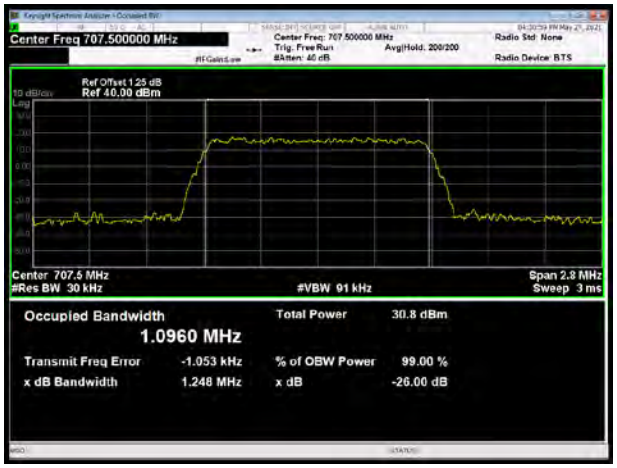
LTE Band 12 16QAM 1.4MHz CH-Low



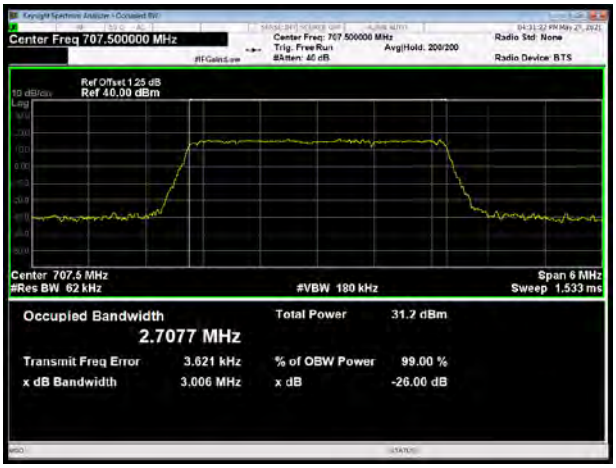
LTE Band 12 16QAM 3MHz CH-Low



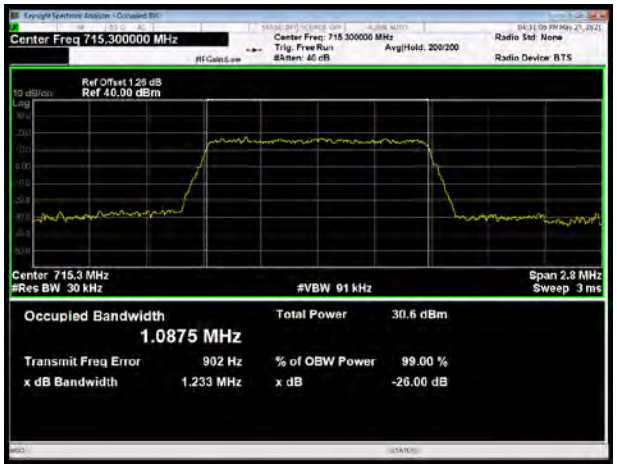
LTE Band 12 16QAM 1.4MHz CH-Middle



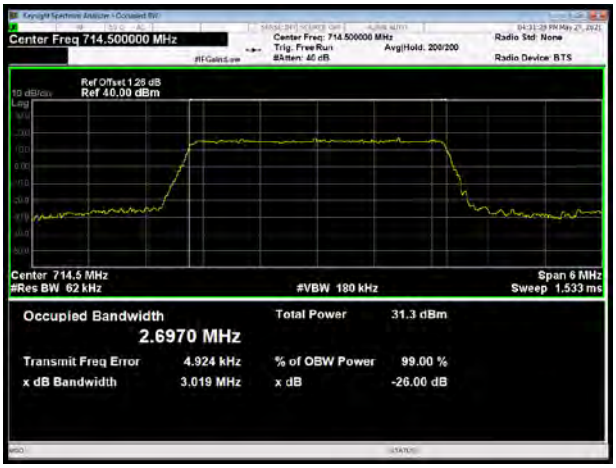
LTE Band 12 16QAM 3MHz CH-Middle



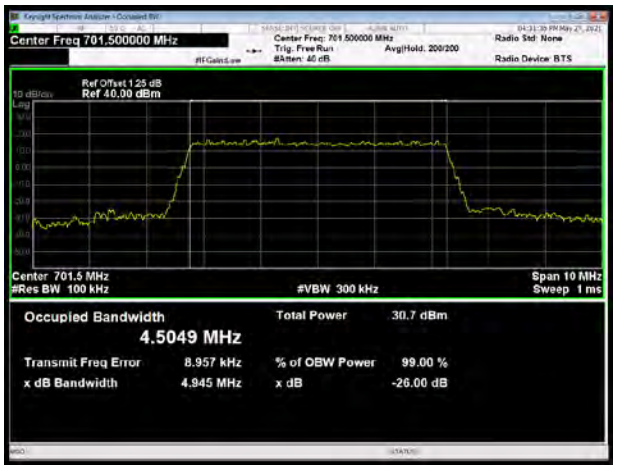
LTE Band 12 16QAM 1.4MHz CH-High



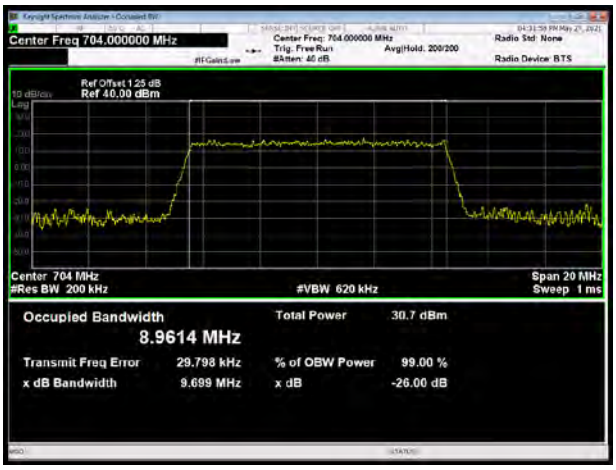
LTE Band 12 16QAM 3MHz CH-High



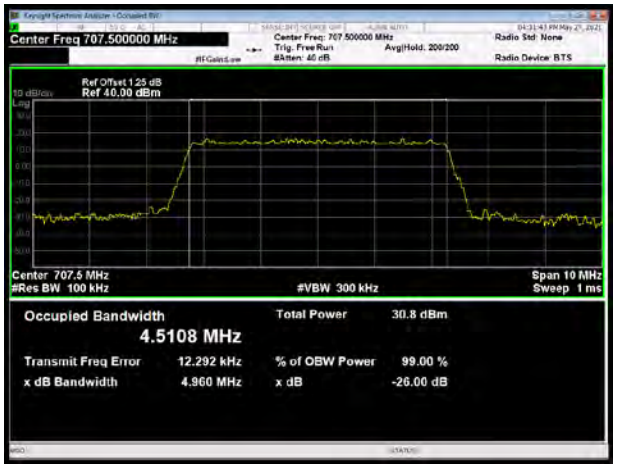
LTE Band 12 16QAM 5MHz CH-Low



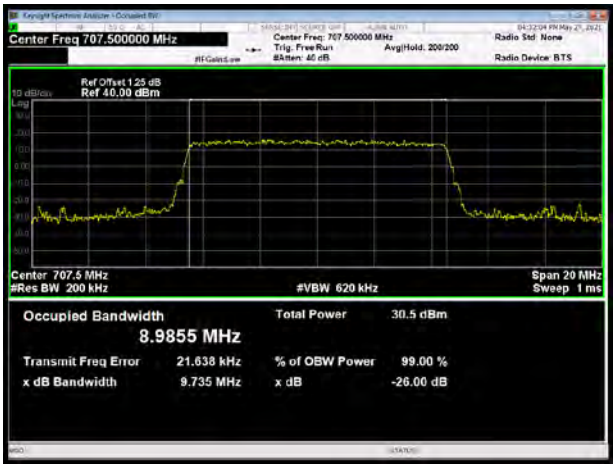
LTE Band 12 16QAM 10MHz CH-Low



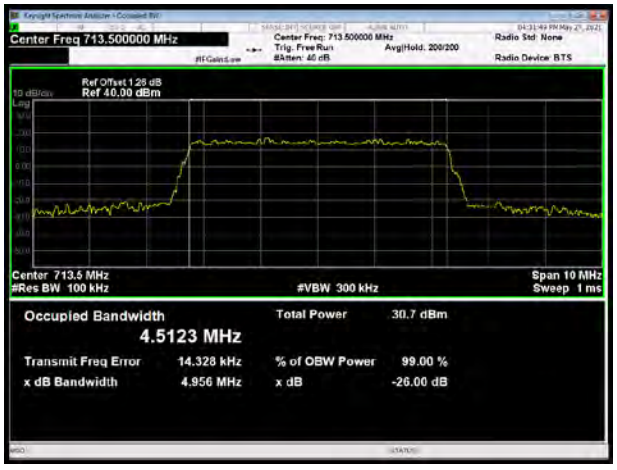
LTE Band 12 16QAM 5MHz CH-Middle



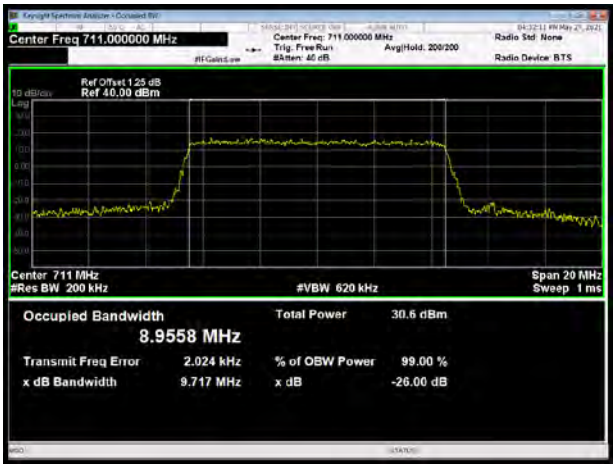
LTE Band 12 16QAM 10MHz CH-Middle



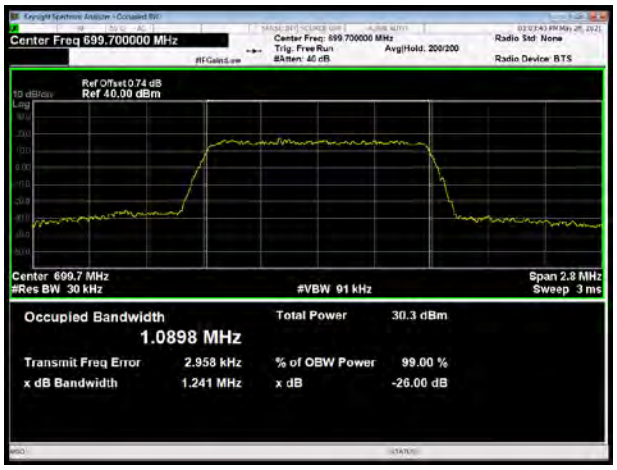
LTE Band 12 16QAM 5MHz CH-High



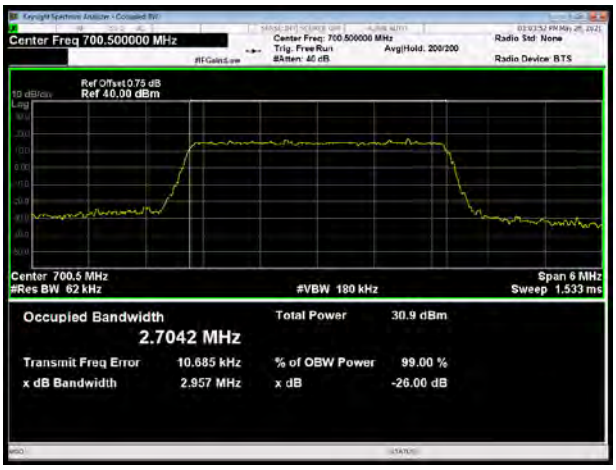
LTE Band 12 16QAM 10MHz CH-High



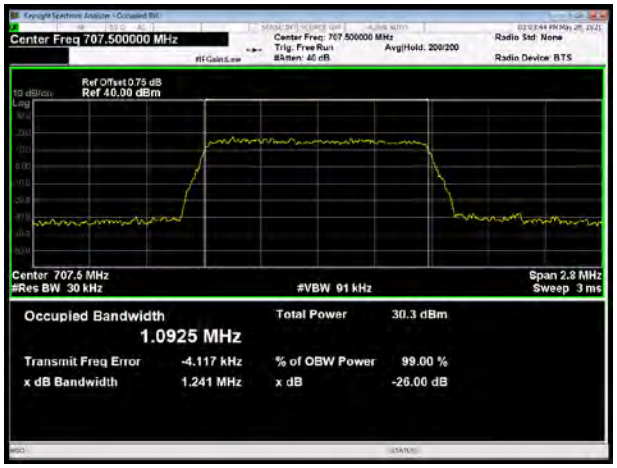
LTE Band 12 64QAM 1.4MHz CH-Low



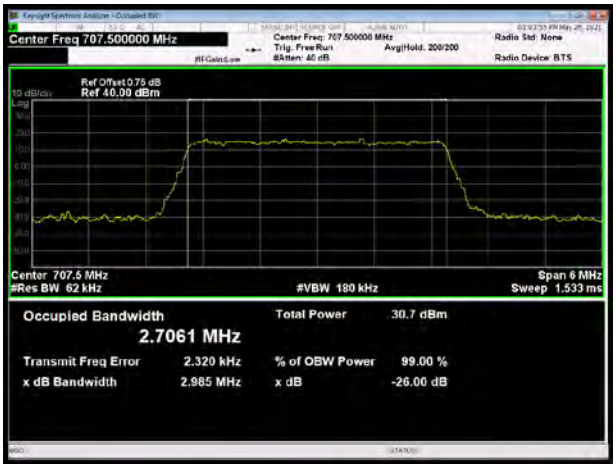
LTE Band 12 64QAM 3MHz CH-Low



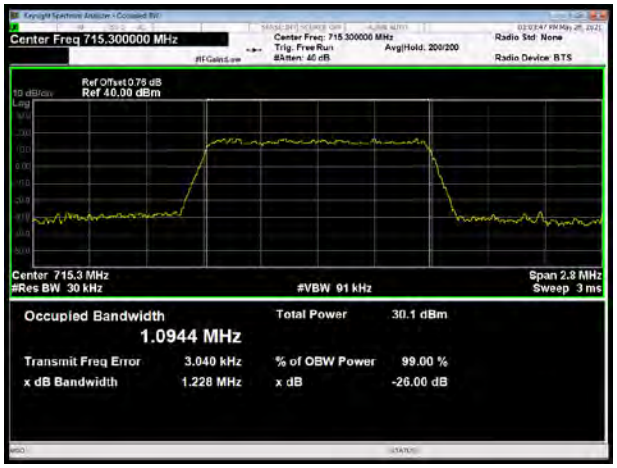
LTE Band 12 64QAM 1.4MHz CH-Middle



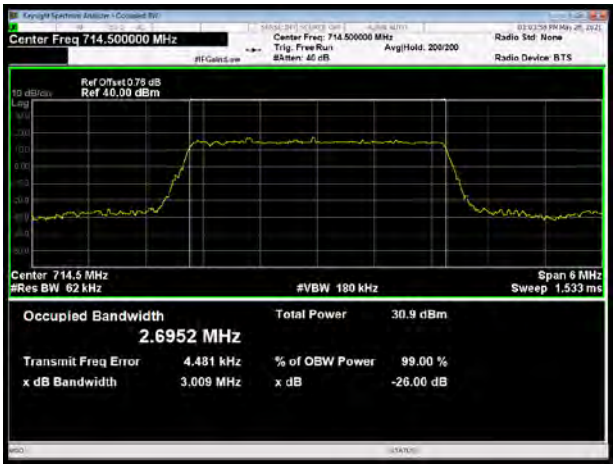
LTE Band 12 64QAM 3MHz CH-Middle



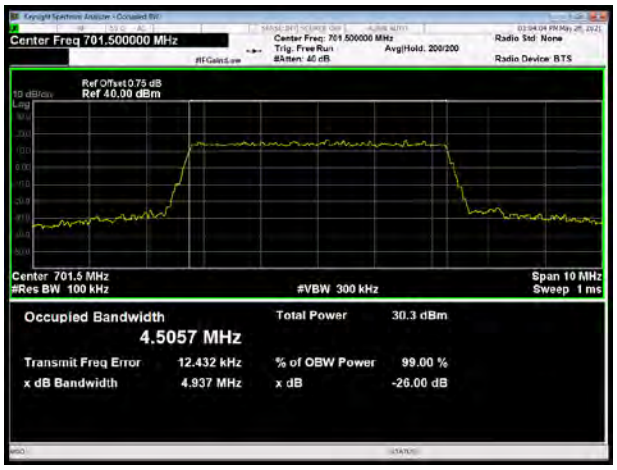
LTE Band 12 64QAM 1.4MHz CH-High



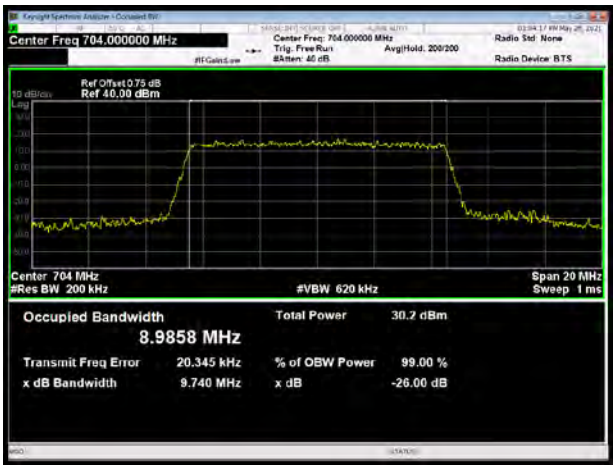
LTE Band 12 64QAM 3MHz CH-High



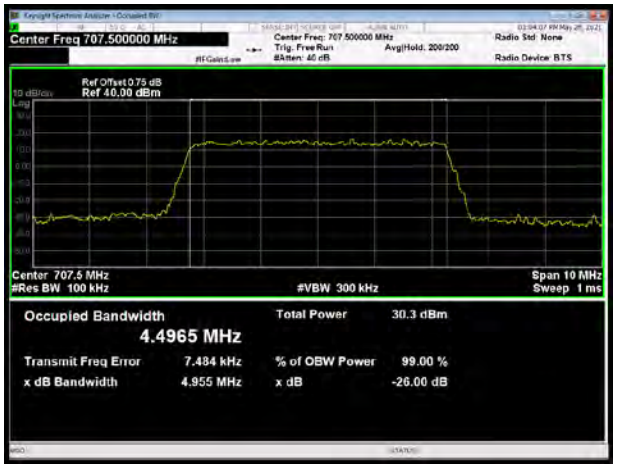
LTE Band 12 64QAM 5MHz CH-Low



LTE Band 12 64QAM 10MHz CH-Low

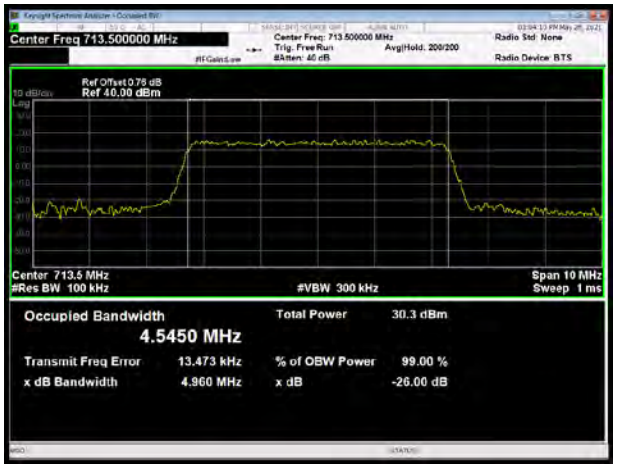


LTE Band 12 64QAM 5MHz CH-Middle

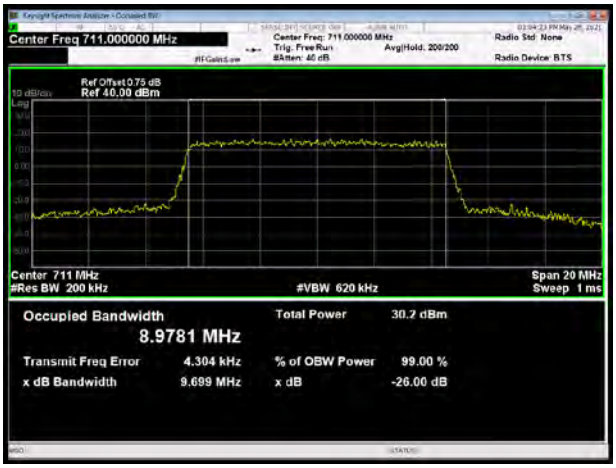


LTE Band 12 64QAM 10MHz CH-Middle

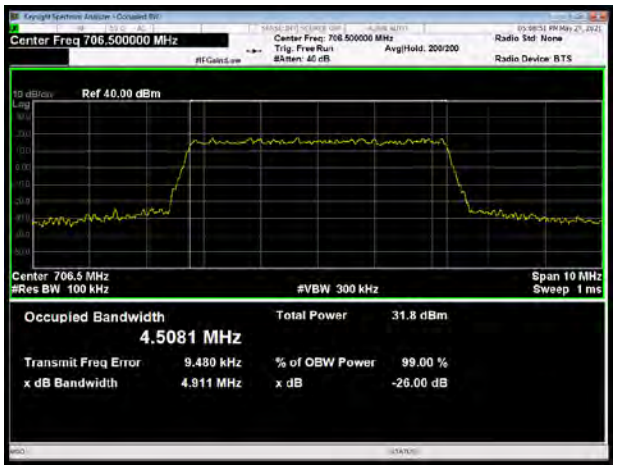
LTE Band 12 64QAM 5MHz CH-High



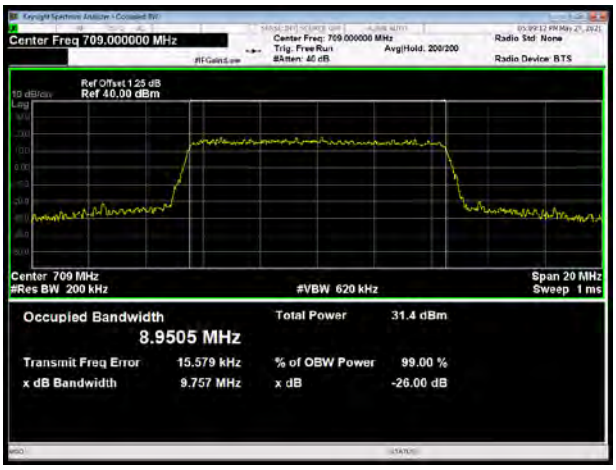
LTE Band 12 64QAM 10MHz CH-High



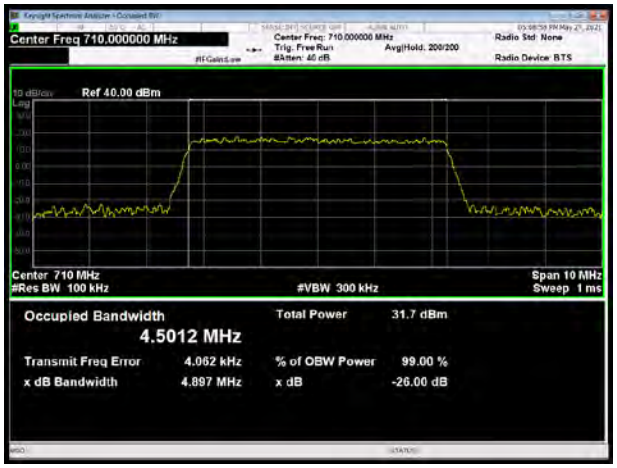
LTE Band 17 QPSK 5MHz CH-Low



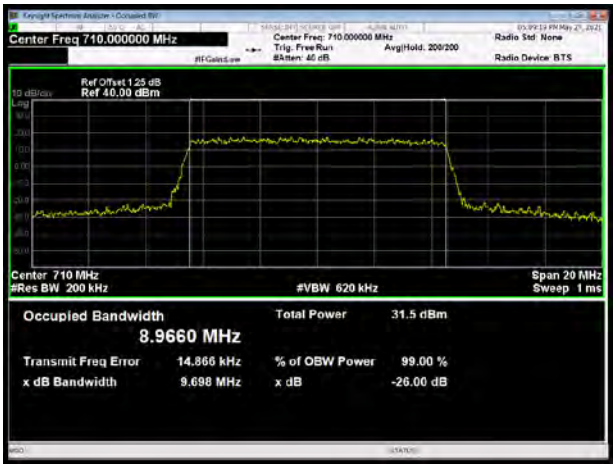
LTE Band 17 QPSK 10MHz CH-Low



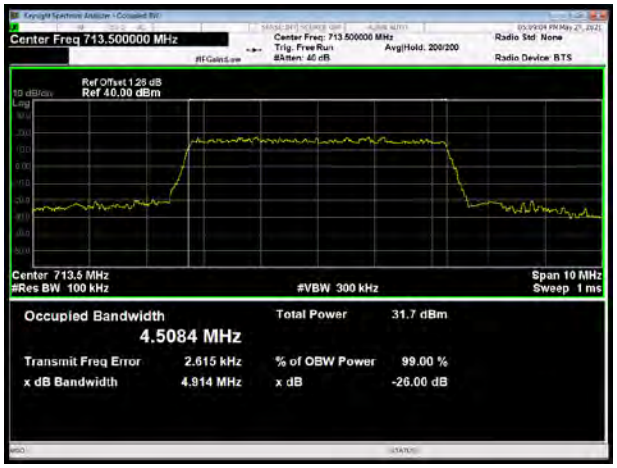
LTE Band 17 QPSK 5MHz CH-Middle



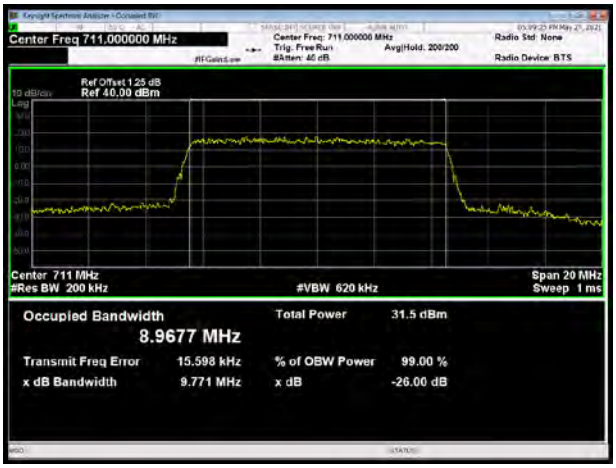
LTE Band 17 QPSK 10MHz CH-Middle



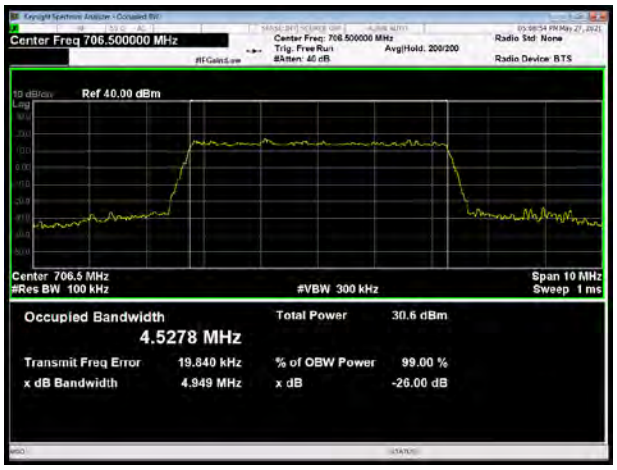
LTE Band 17 QPSK 5MHz CH-High



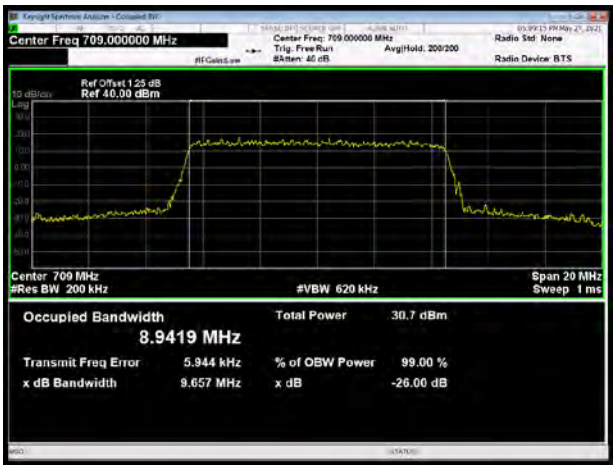
LTE Band 17 QPSK 10MHz CH-High



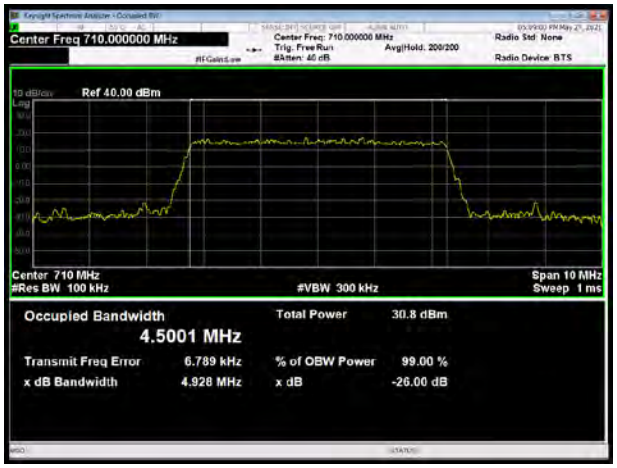
LTE Band 17 16QAM 5MHz CH-Low



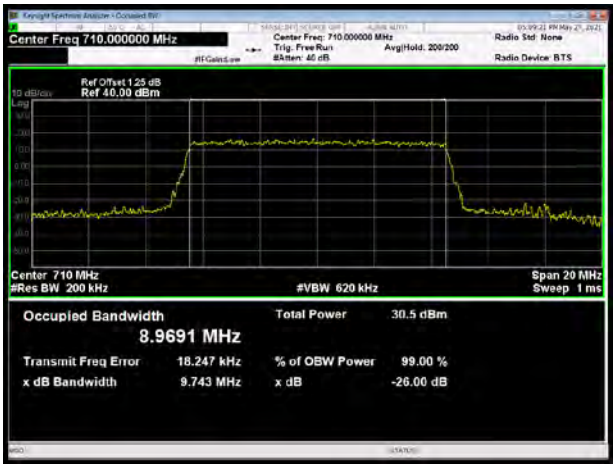
LTE Band 17 16QAM 10MHz CH-Low



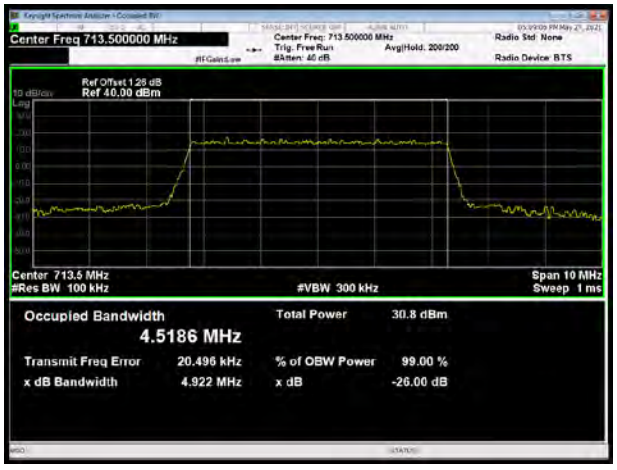
LTE Band 17 16QAM 5MHz CH-Middle



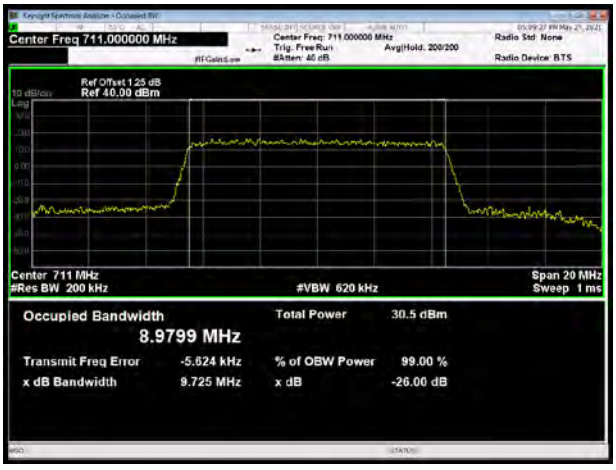
LTE Band 17 16QAM 10MHz CH-Middle



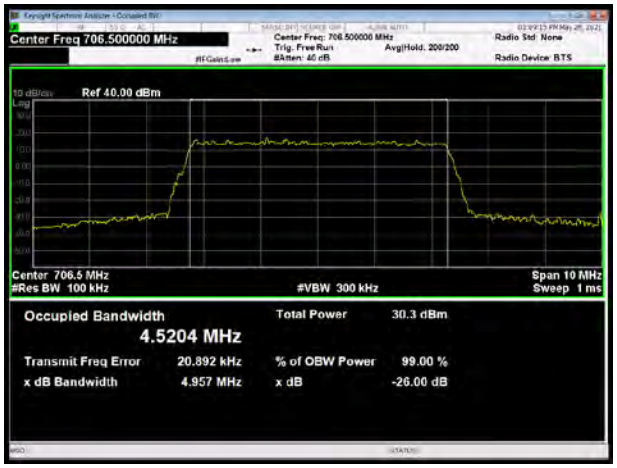
LTE Band 17 16QAM 5MHz CH-High



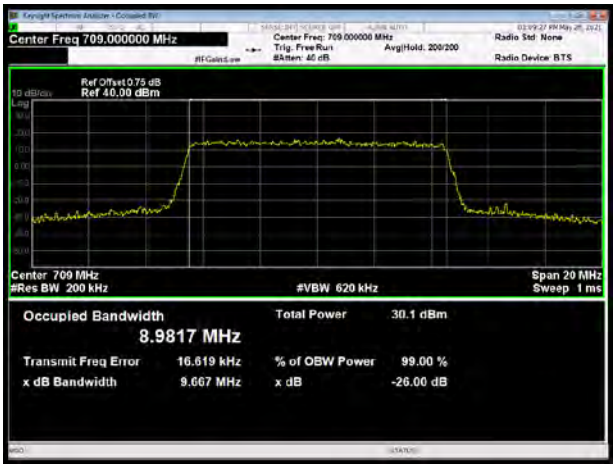
LTE Band 17 16QAM 10MHz CH-High



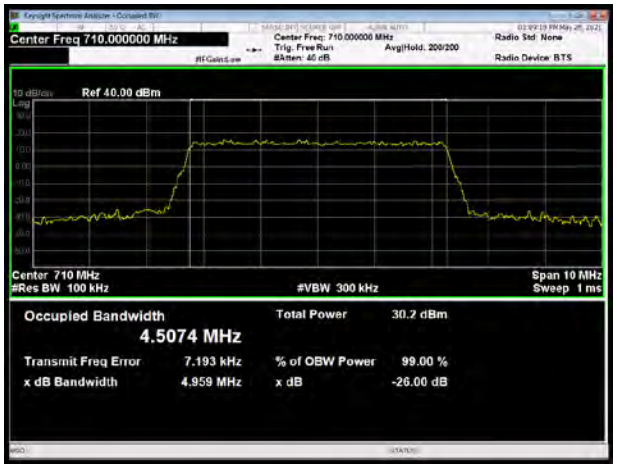
LTE Band 17 64QAM 5MHz CH-Low



LTE Band 17 64QAM 10MHz CH-Low

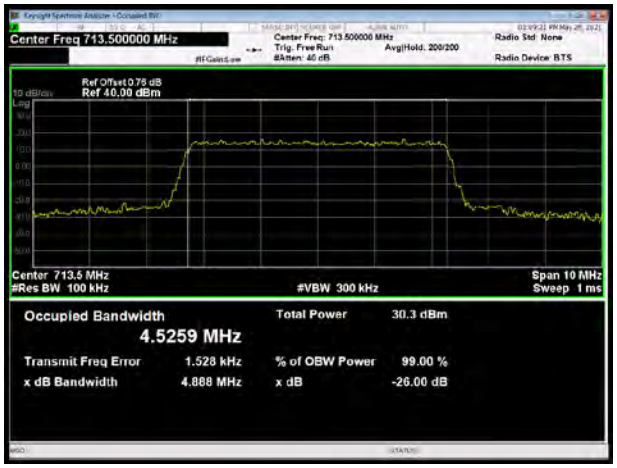


LTE Band 17 64QAM 5MHz CH-Middle

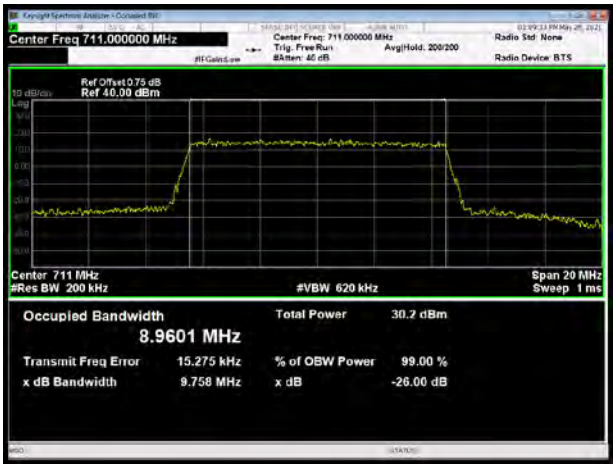


LTE Band 17 64QAM 10MHz CH-Middle

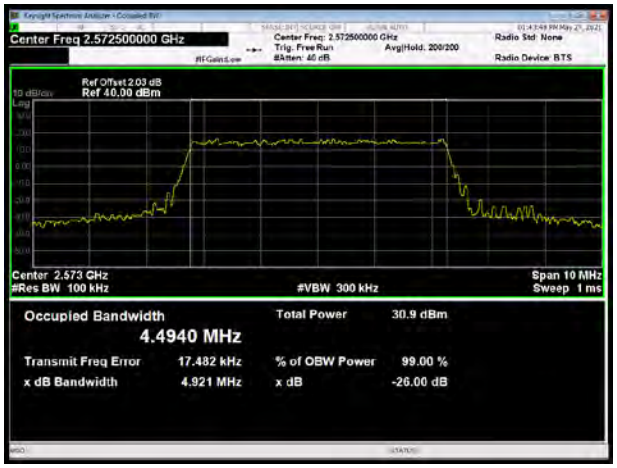
LTE Band 17 64QAM 5MHz CH-High



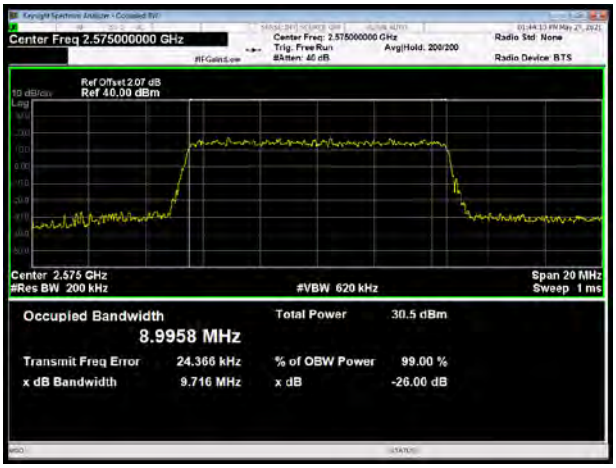
LTE Band 17 64QAM 10MHz CH-High



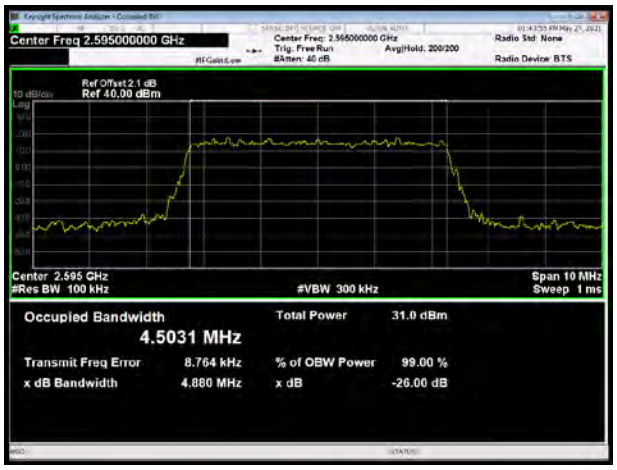
LTE Band 38 QPSK 5MHz CH-Low



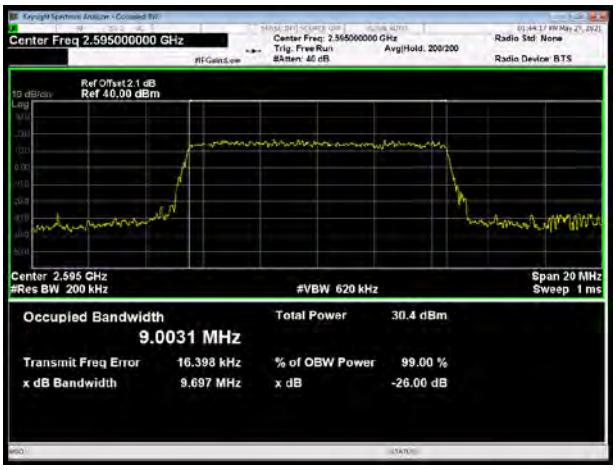
LTE Band 38 QPSK 10MHz CH-Low



LTE Band 38 QPSK 5MHz CH-Middle

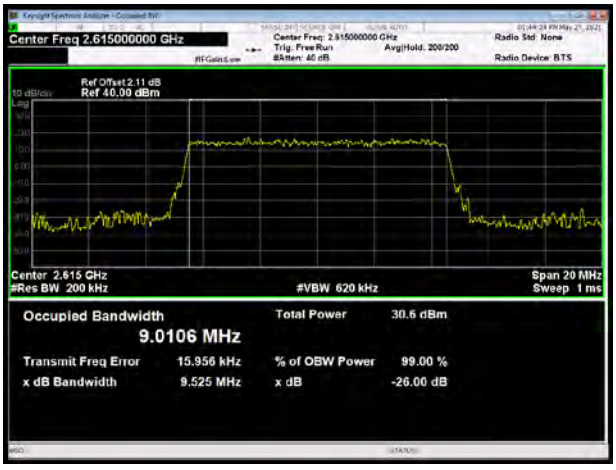


LTE Band 38 QPSK 10MHz CH-Middle

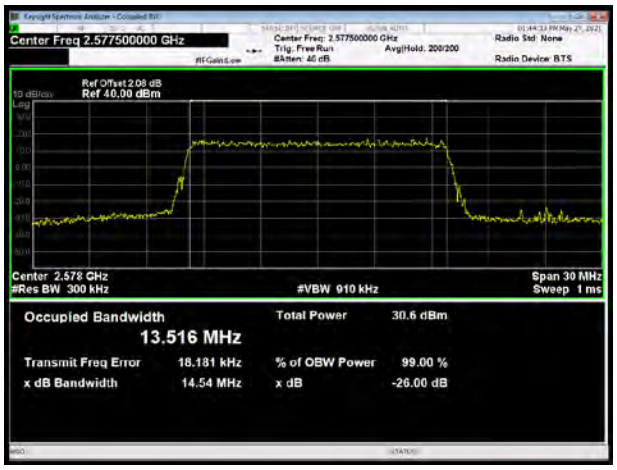


LTE Band 38 QPSK 5MHz CH-High

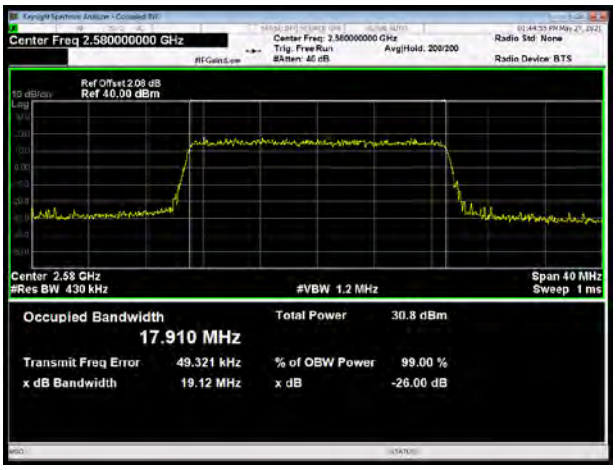
LTE Band 38 QPSK 10MHz CH-High



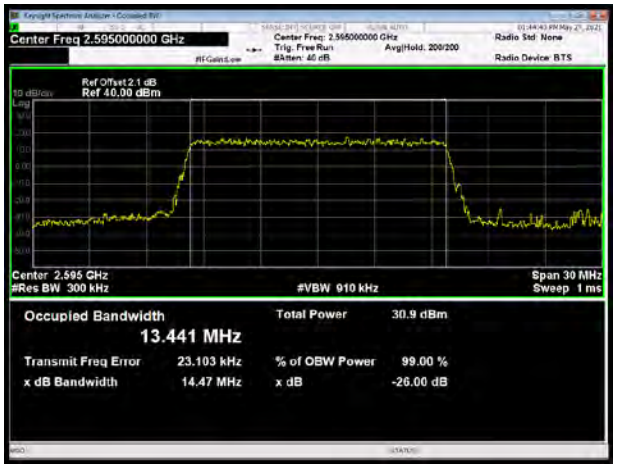
LTE Band 38 QPSK 15MHz CH-Low



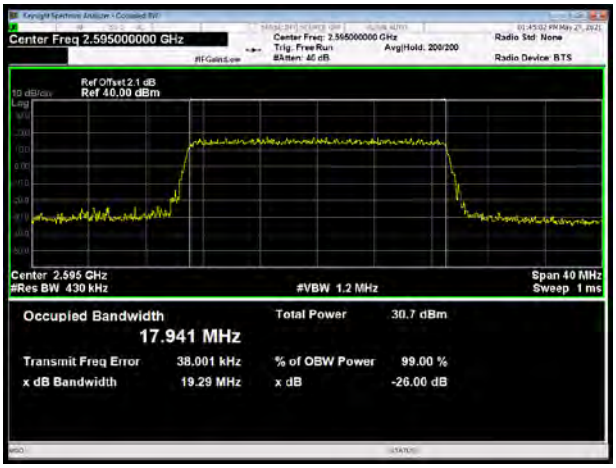
LTE Band 38 QPSK 20MHz CH-Low



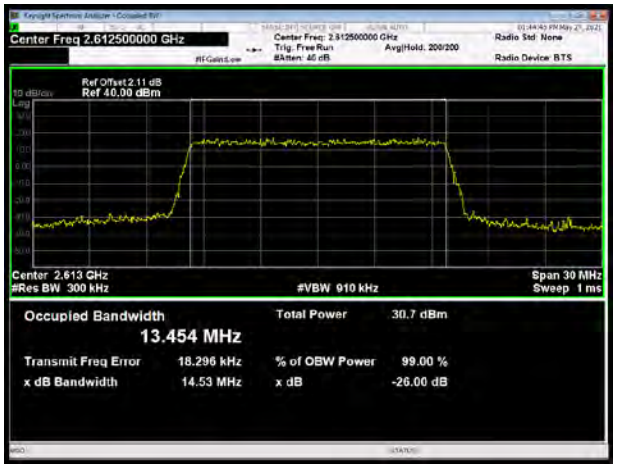
LTE Band 38 QPSK 15MHz CH-Middle



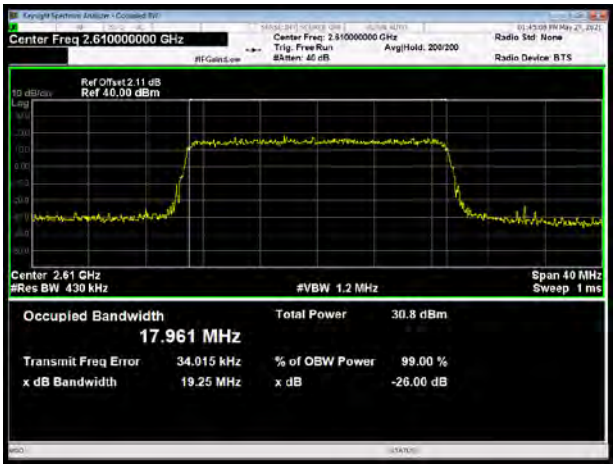
LTE Band 38 QPSK 20MHz CH-Middle



LTE Band 38 QPSK 15MHz CH-High

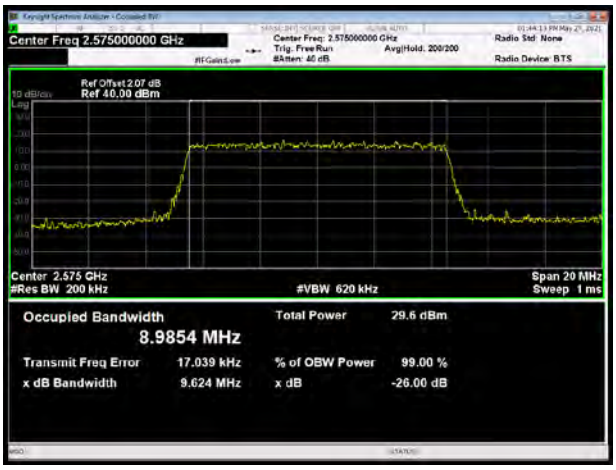


LTE Band 38 QPSK 20MHz CH-High

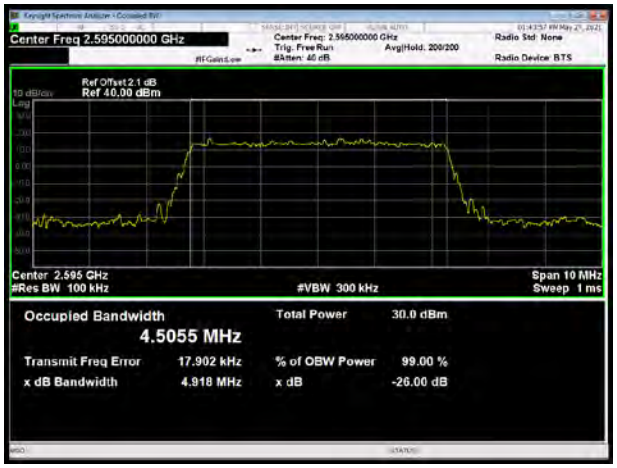


LTE Band 38 16QAM 5MHz CH-Low

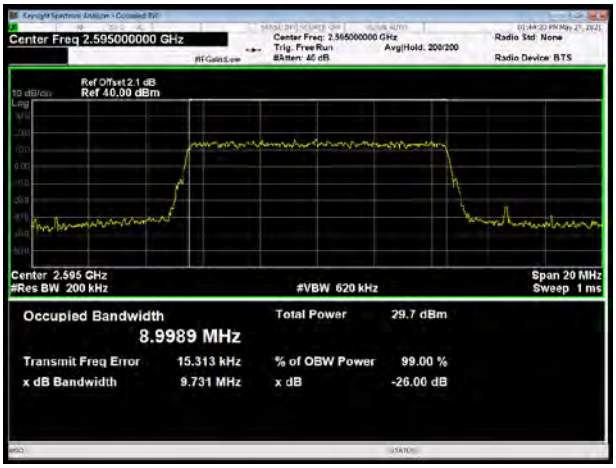
LTE Band 38 16QAM 10MHz CH-Low



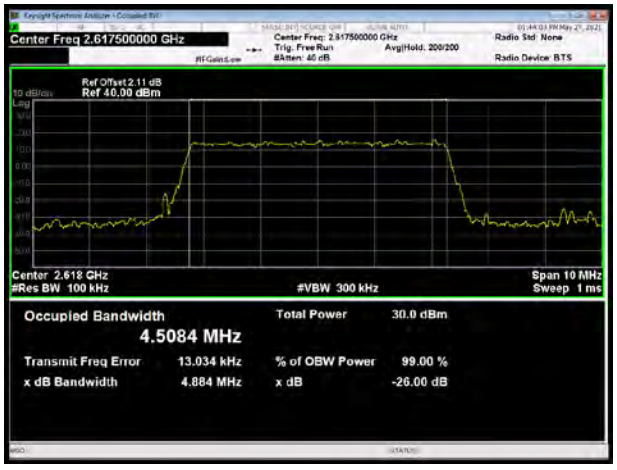
LTE Band 38 16QAM 5MHz CH-Middle



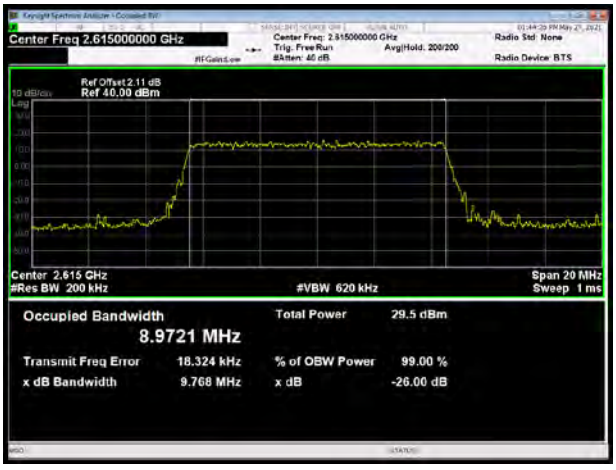
LTE Band 38 16QAM 10MHz CH-Middle



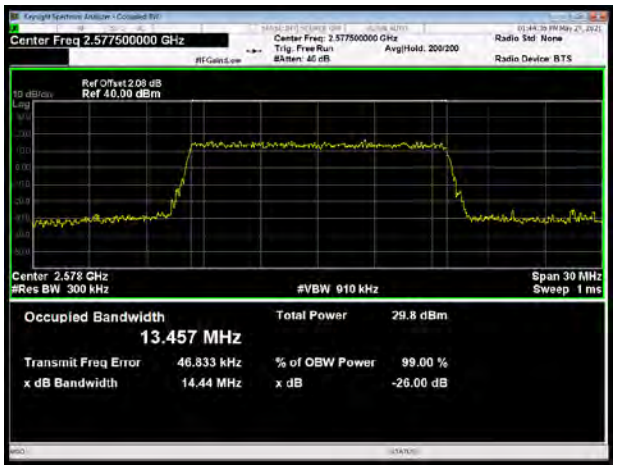
LTE Band 38 16QAM 5MHz CH-High



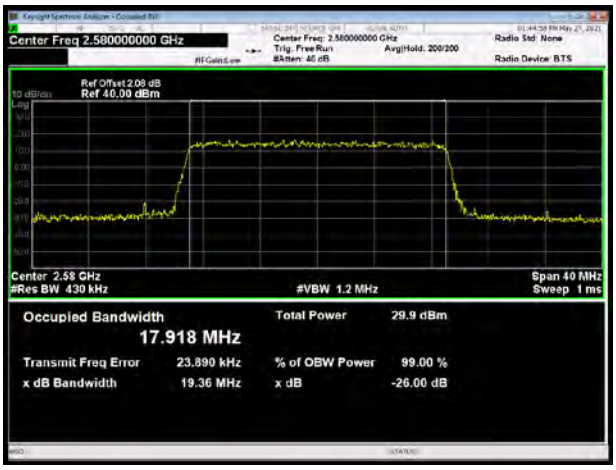
LTE Band 38 16QAM 10MHz CH-High



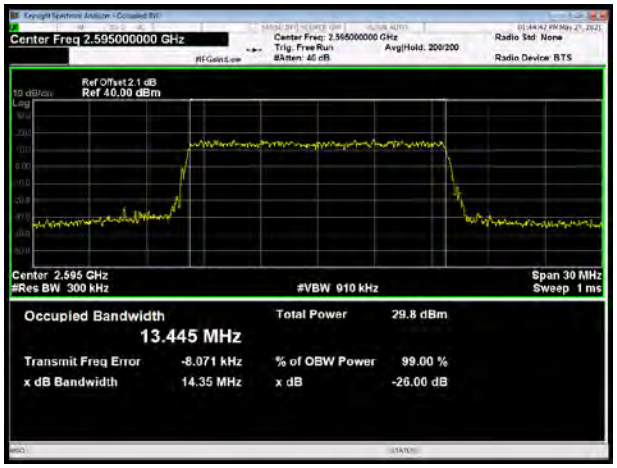
LTE Band 38 16QAM 15MHz CH-Low



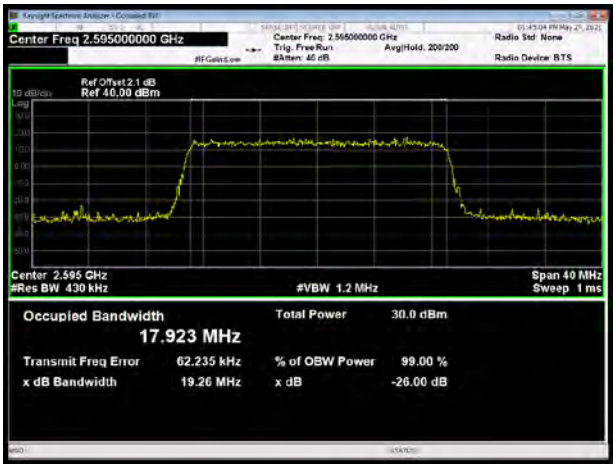
LTE Band 38 16QAM 20MHz CH-Low



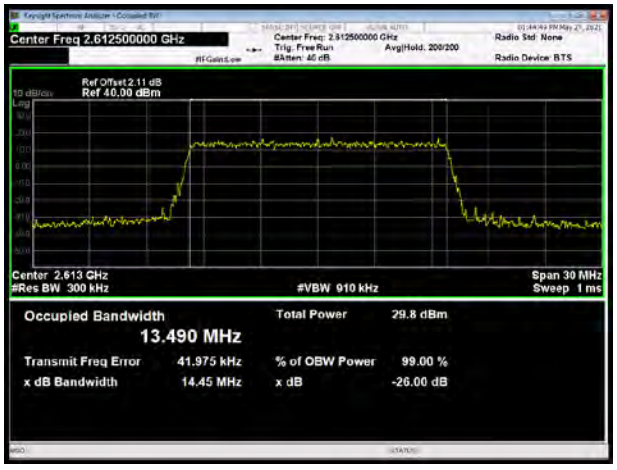
LTE Band 38 16QAM 15MHz CH-Middle



LTE Band 38 16QAM 20MHz CH-Middle

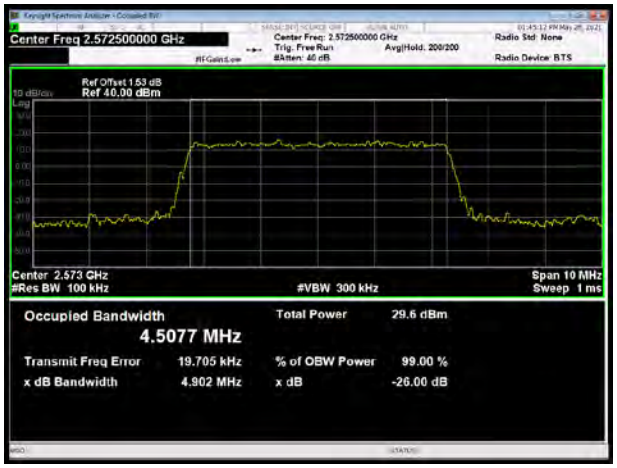


LTE Band 38 16QAM 15MHz CH-High

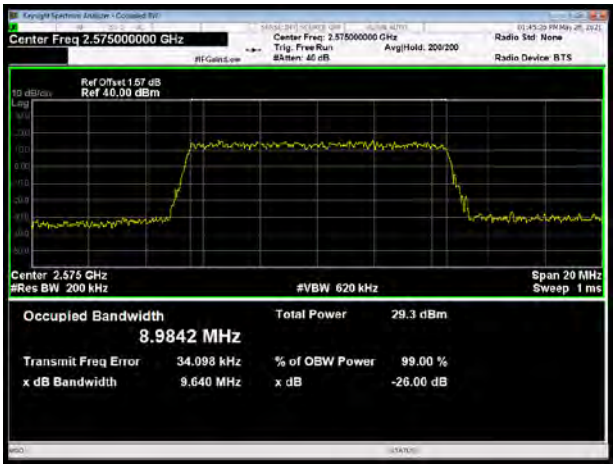


LTE Band 38 16QAM 20MHz CH-High

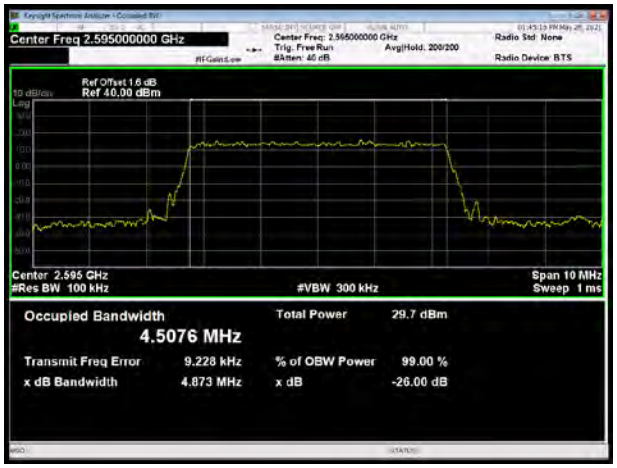
LTE Band 38 64QAM 5MHz CH-Low



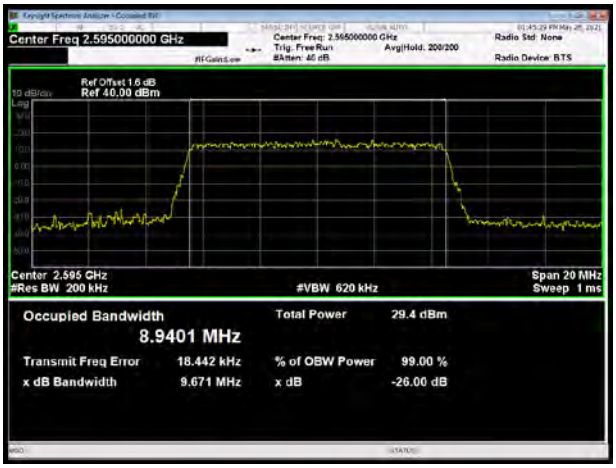
LTE Band 38 64QAM 10MHz CH-Low



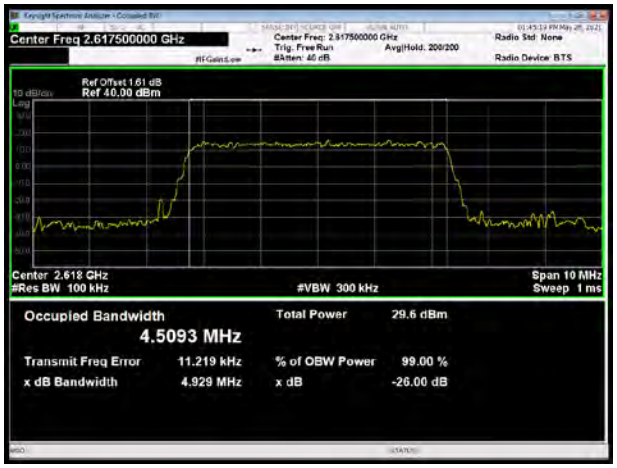
LTE Band 38 64QAM 5MHz CH-Middle



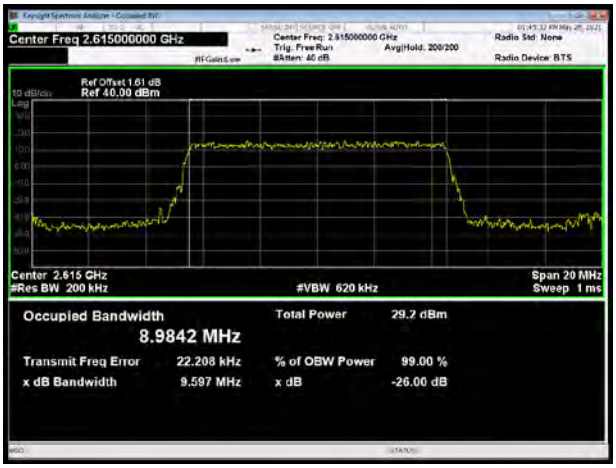
LTE Band 38 64QAM 10MHz CH-Middle



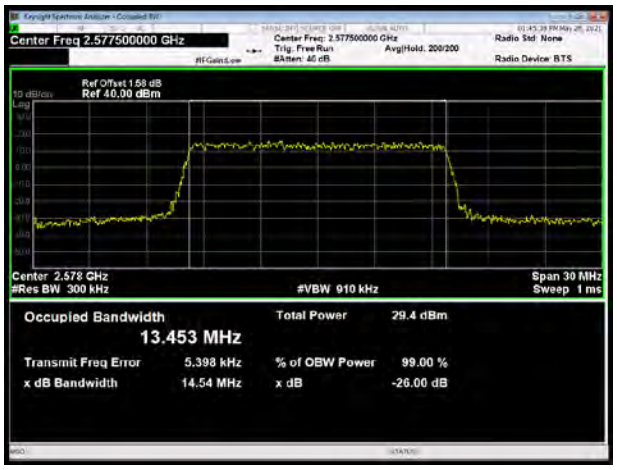
LTE Band 38 64QAM 5MHz CH-High



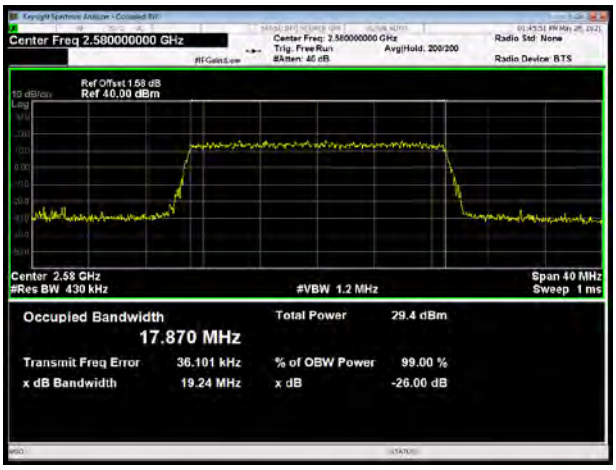
LTE Band 38 64QAM 10MHz CH-High



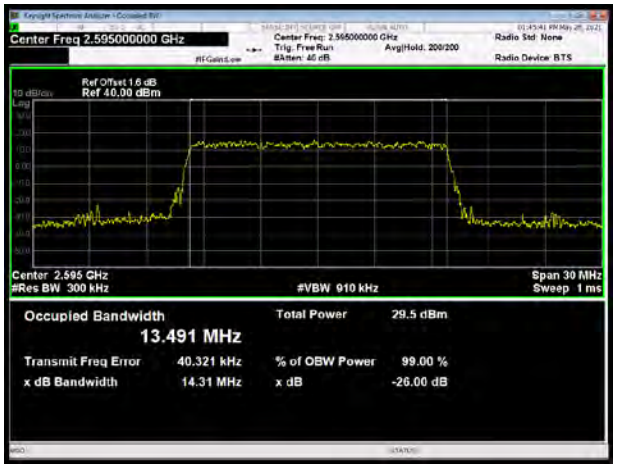
LTE Band 38 64QAM 15MHz CH-Low



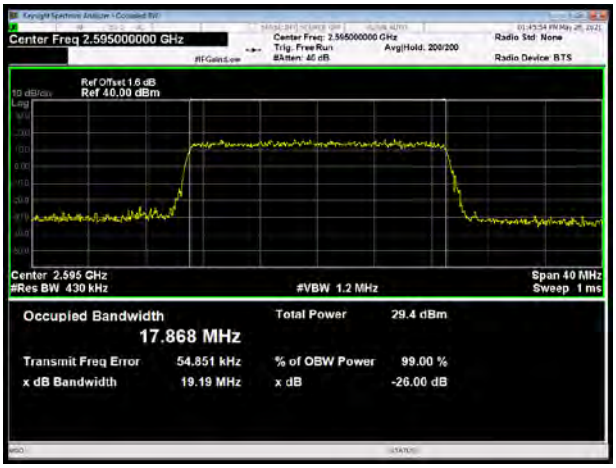
LTE Band 38 64QAM 20MHz CH-Low



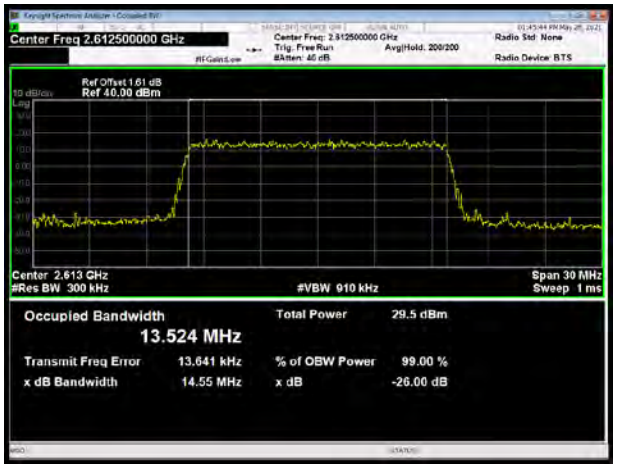
LTE Band 38 64QAM 15MHz CH-Middle



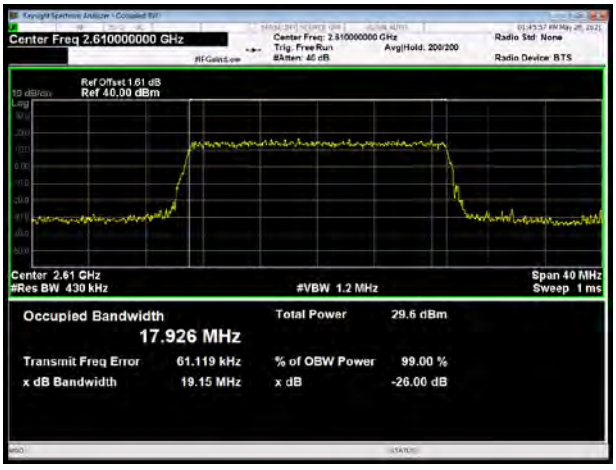
LTE Band 38 64QAM 20MHz CH-Middle



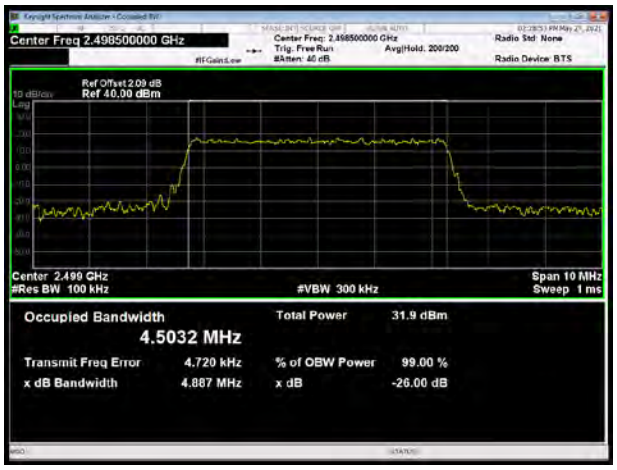
LTE Band 38 64QAM 15MHz CH-High



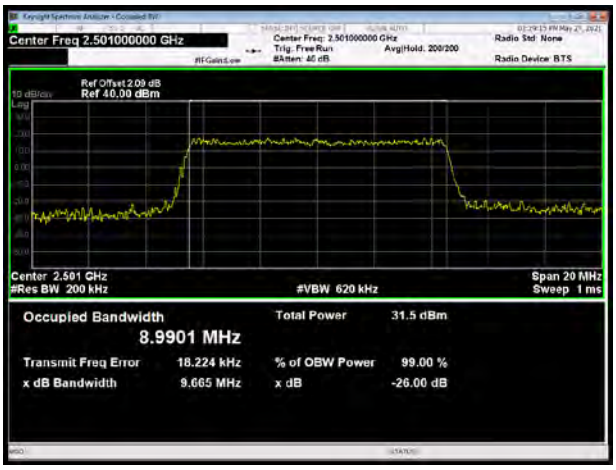
LTE Band 38 64QAM 20MHz CH-High



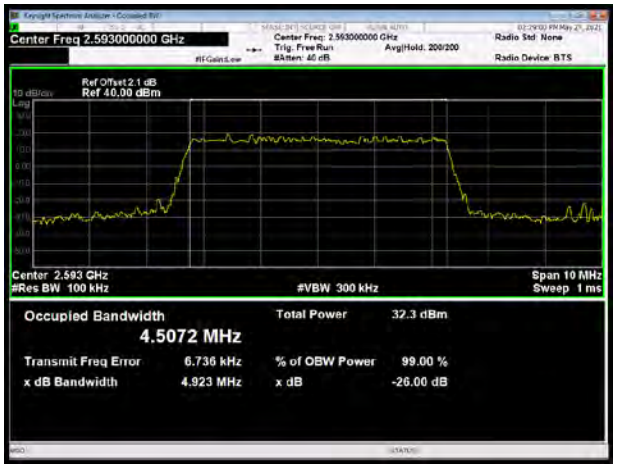
LTE Band 41 QPSK 5MHz CH-Low



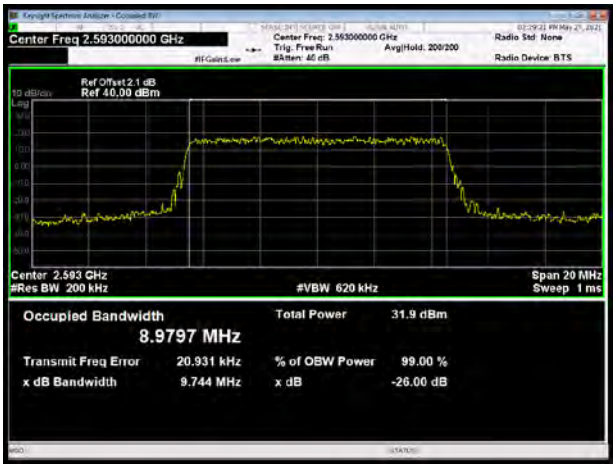
LTE Band 41 QPSK 10MHz CH-Low



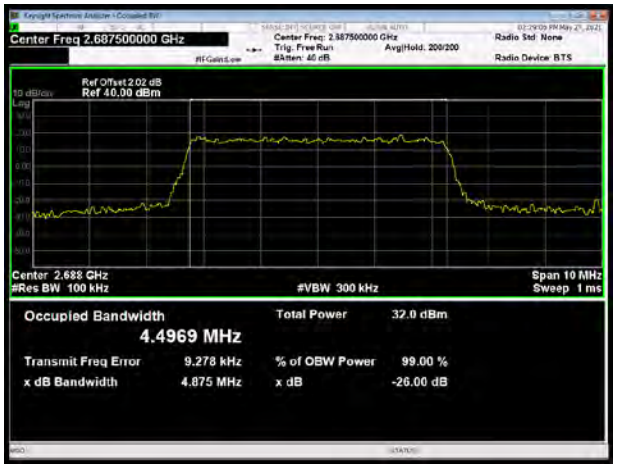
LTE Band 41 QPSK 5MHz CH-Middle



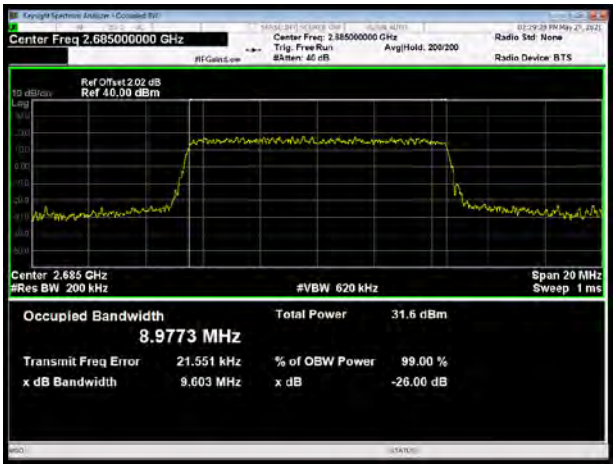
LTE Band 41 QPSK 10MHz CH-Middle



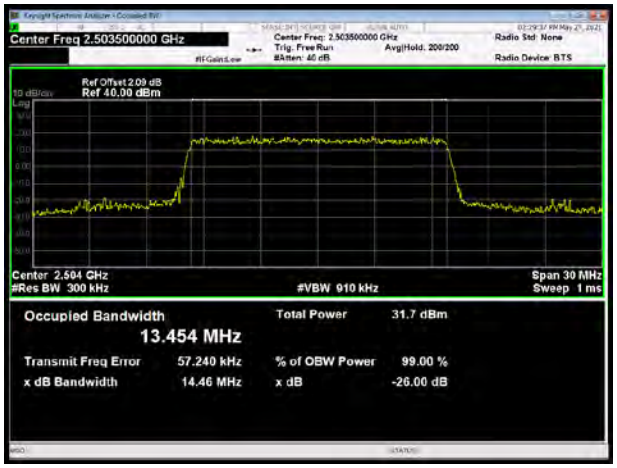
LTE Band 41 QPSK 5MHz CH-High



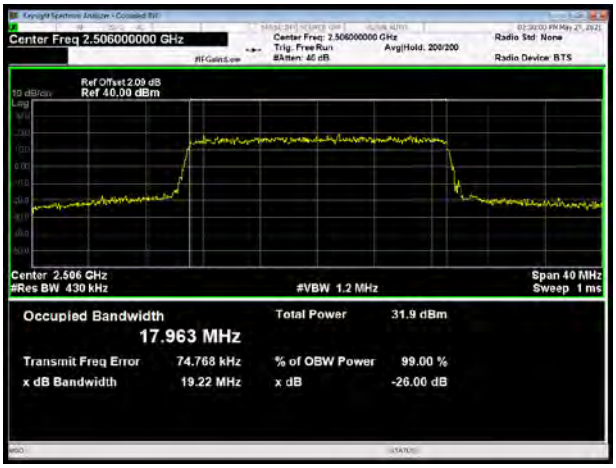
LTE Band 41 QPSK 10MHz CH-High



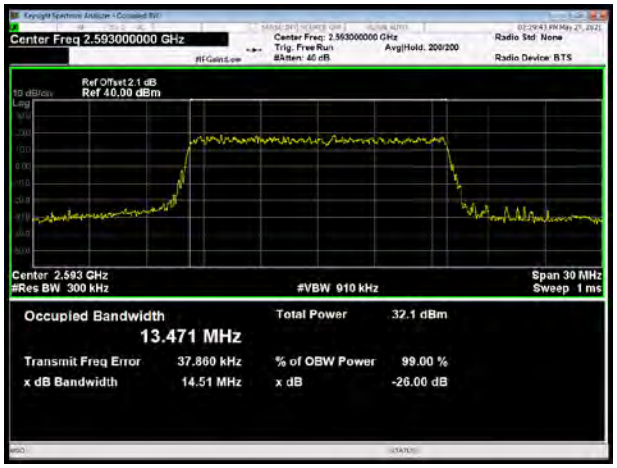
LTE Band 41 QPSK 15MHz CH-Low



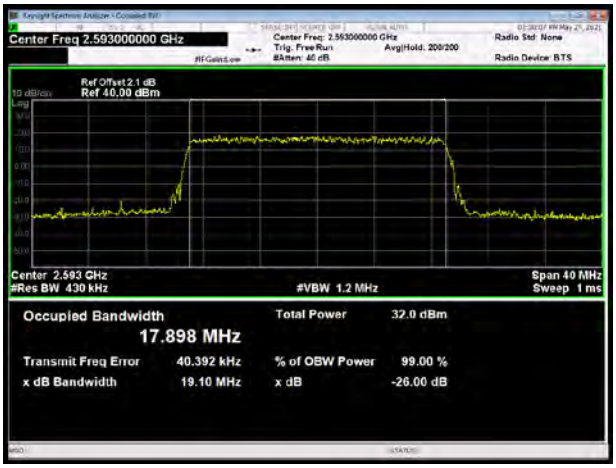
LTE Band 41 QPSK 20MHz CH-Low



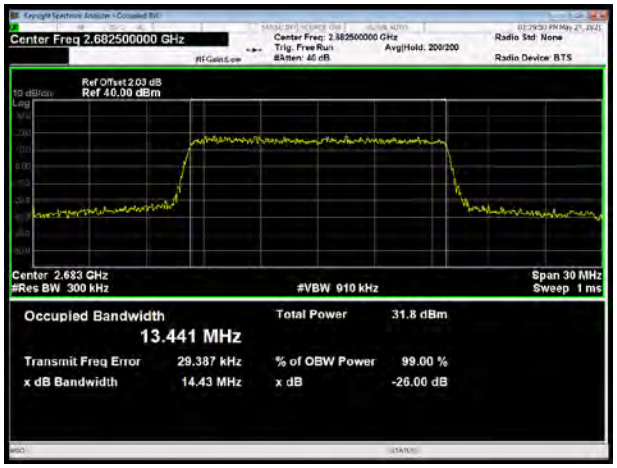
LTE Band 41 QPSK 15MHz CH-Middle



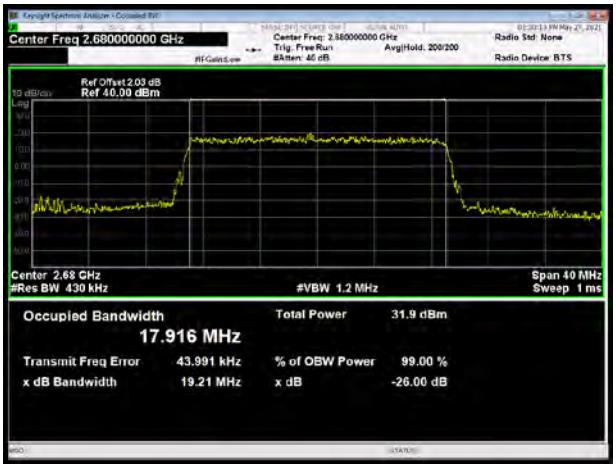
LTE Band 41 QPSK 20MHz CH-Middle



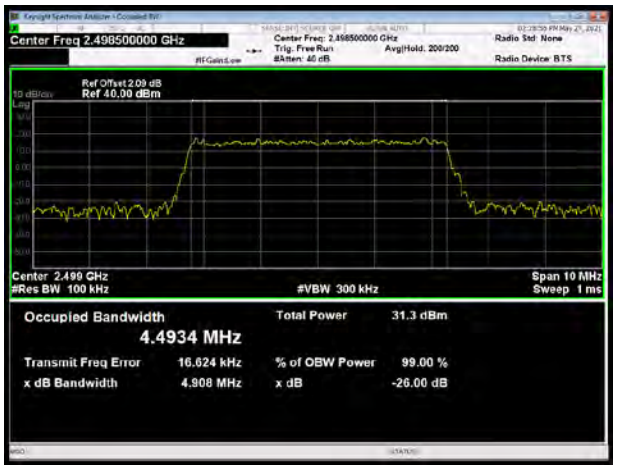
LTE Band 41 QPSK 15MHz CH-High



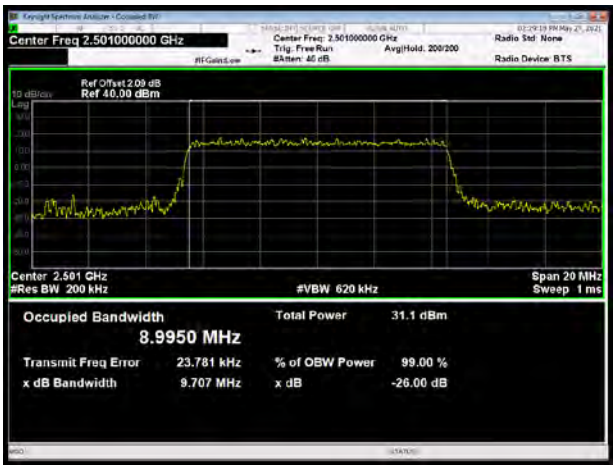
LTE Band 41 QPSK 20MHz CH-High



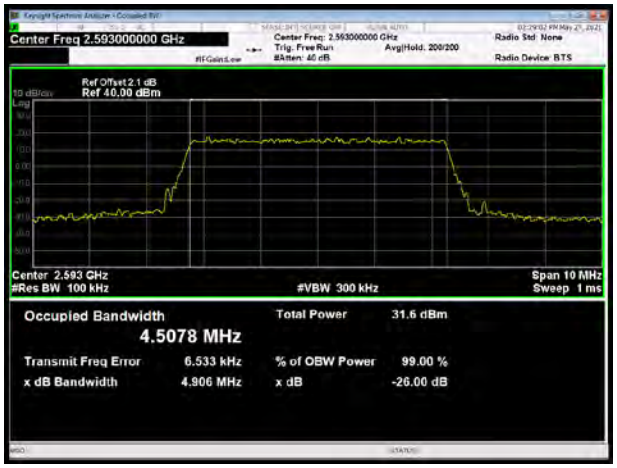
LTE Band 41 16QAM 5MHz CH-Low



LTE Band 41 16QAM 10MHz CH-Low

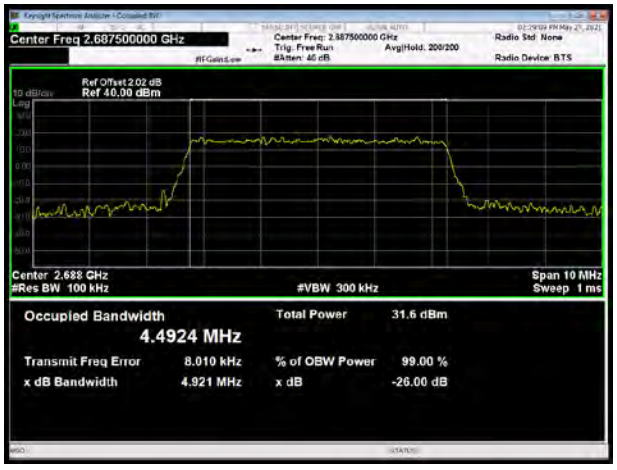


LTE Band 41 16QAM 5MHz CH-Middle

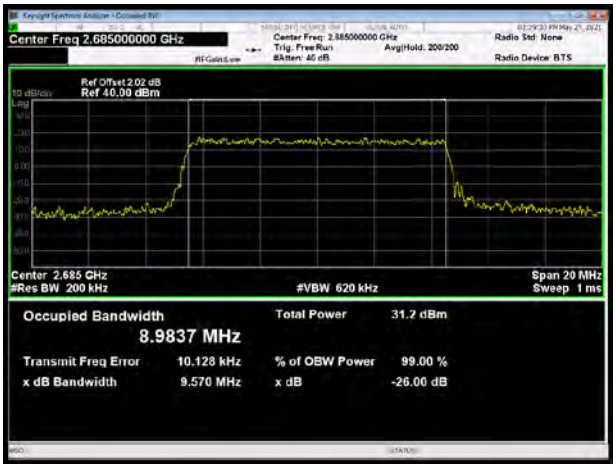


LTE Band 41 16QAM 10MHz CH-Middle

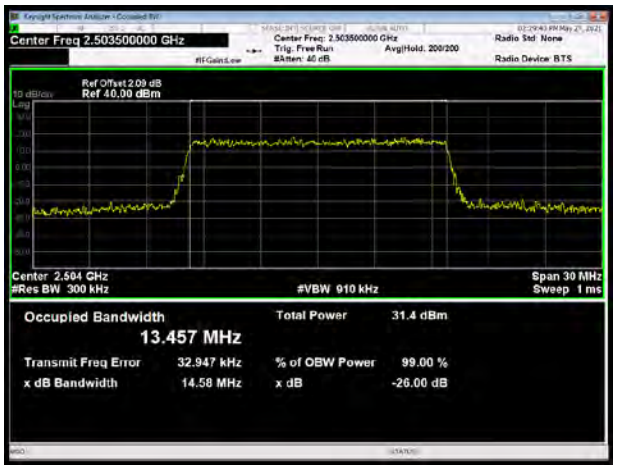
LTE Band 41 16QAM 5MHz CH-High



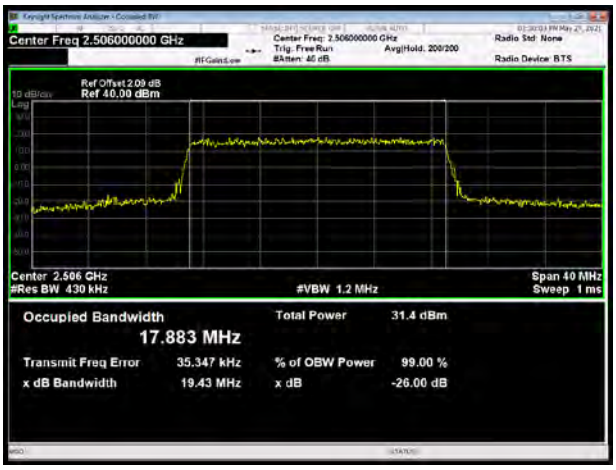
LTE Band 41 16QAM 10MHz CH-High



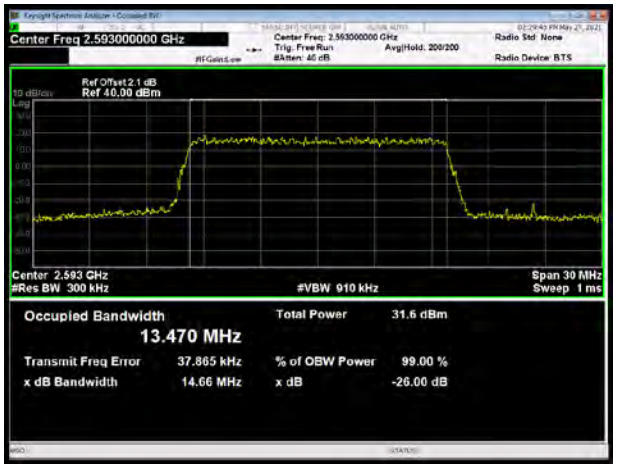
LTE Band 41 16QAM 15MHz CH-Low



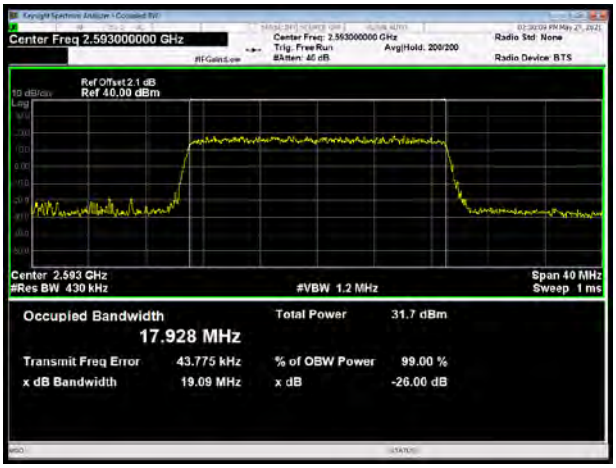
LTE Band 41 16QAM 20MHz CH-Low



LTE Band 41 16QAM 15MHz CH-Middle

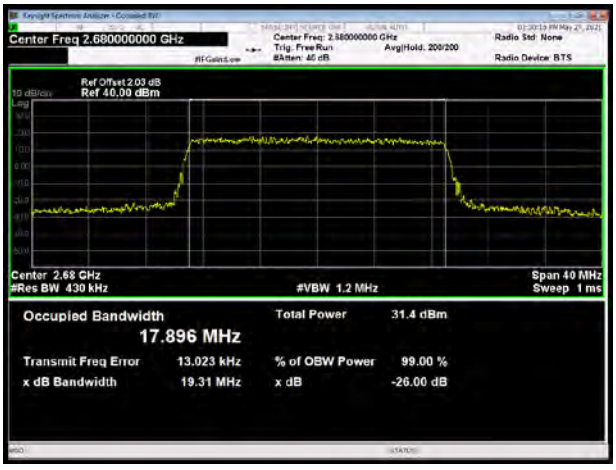


LTE Band 41 16QAM 20MHz CH-Middle

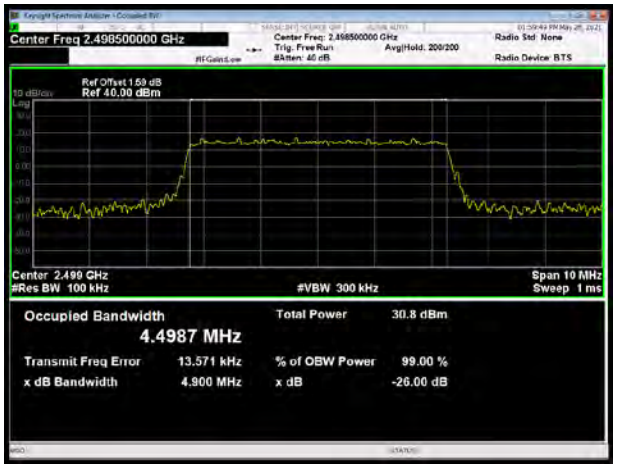


LTE Band 41 16QAM 15MHz CH-High

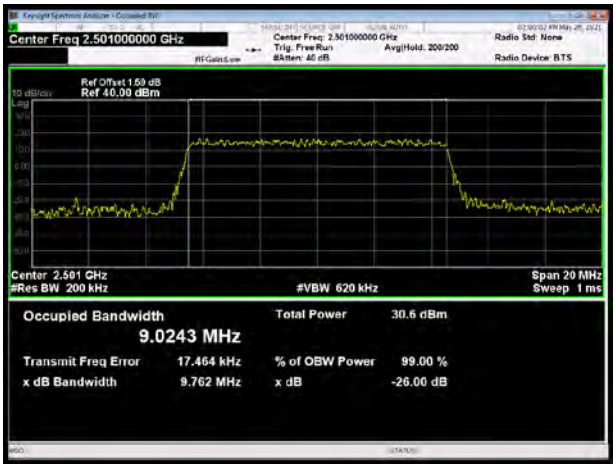
LTE Band 41 16QAM 20MHz CH-High



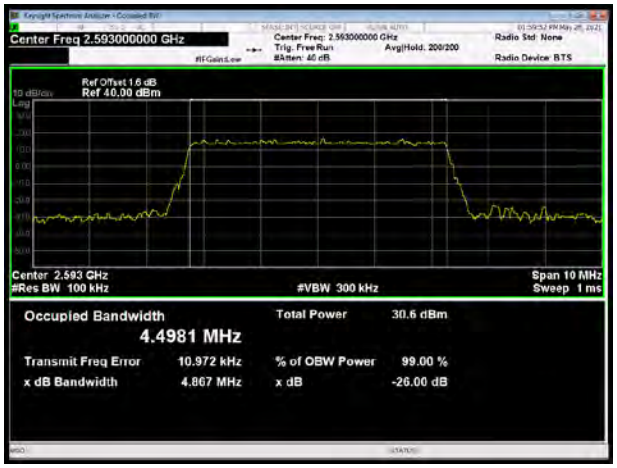
LTE Band 41 64QAM 5MHz CH-Low



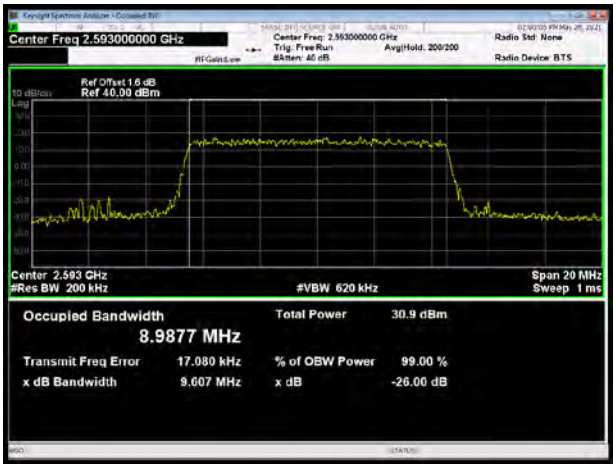
LTE Band 41 64QAM 10MHz CH-Low



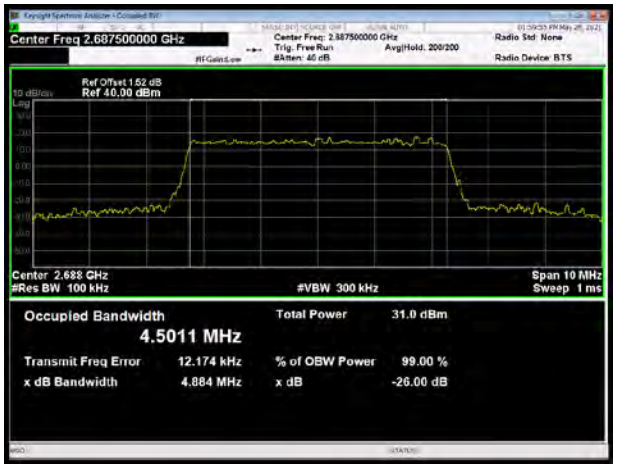
LTE Band 41 64QAM 5MHz CH-Middle



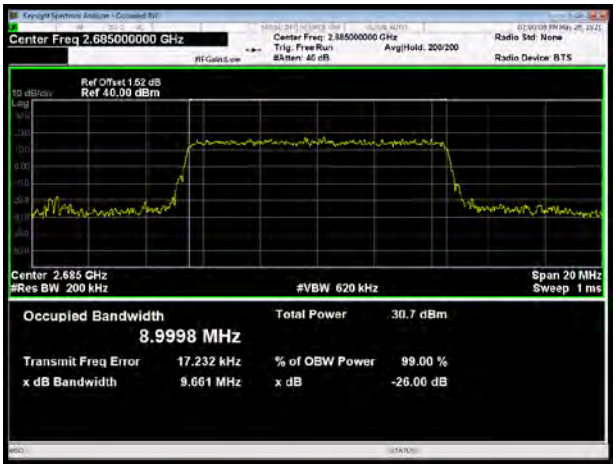
LTE Band 41 64QAM 10MHz CH-Middle



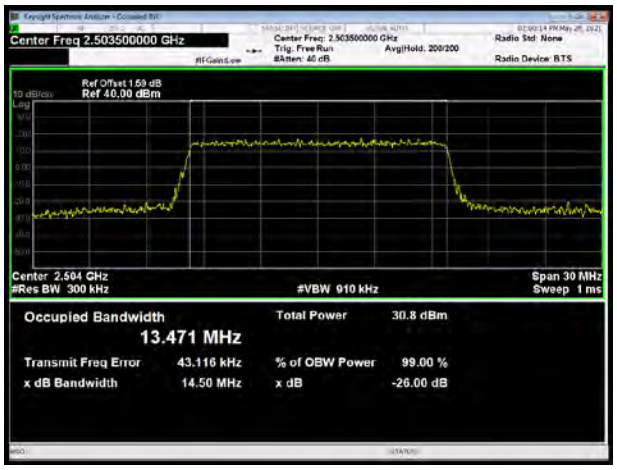
LTE Band 41 64QAM 5MHz CH-High



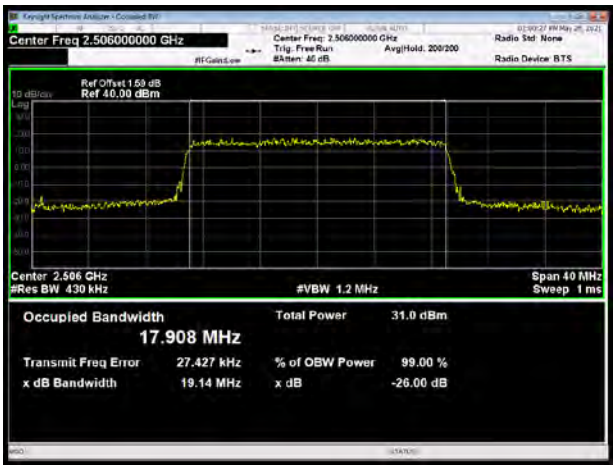
LTE Band 41 64QAM 10MHz CH-High



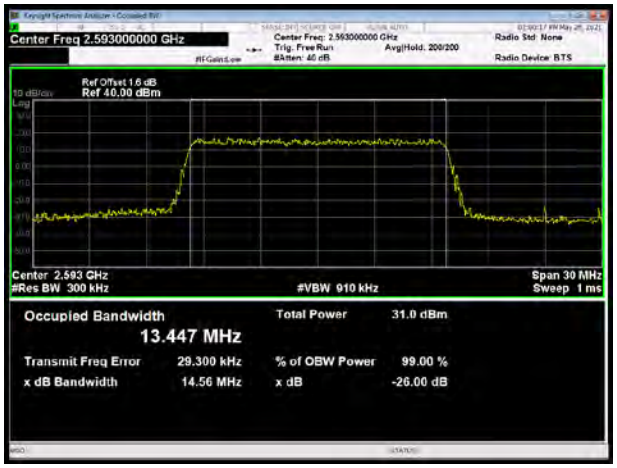
LTE Band 41 64QAM 15MHz CH-Low



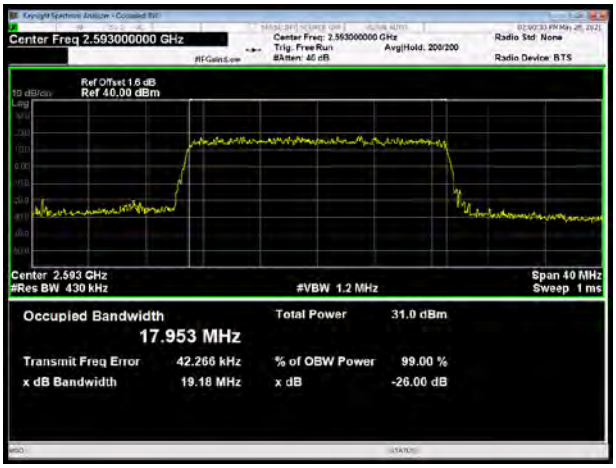
LTE Band 41 64QAM 20MHz CH-Low



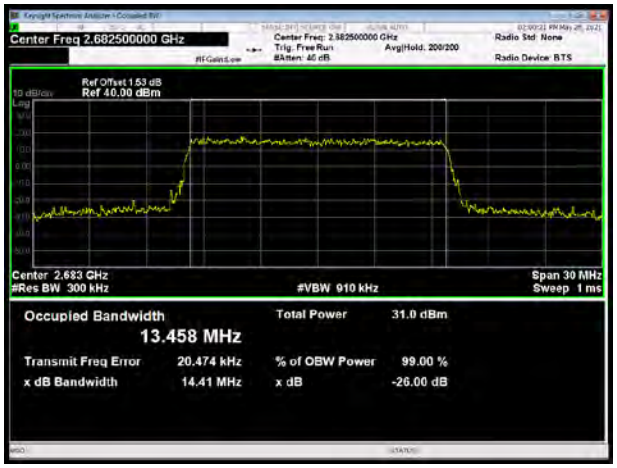
LTE Band 41 64QAM 15MHz CH-Middle



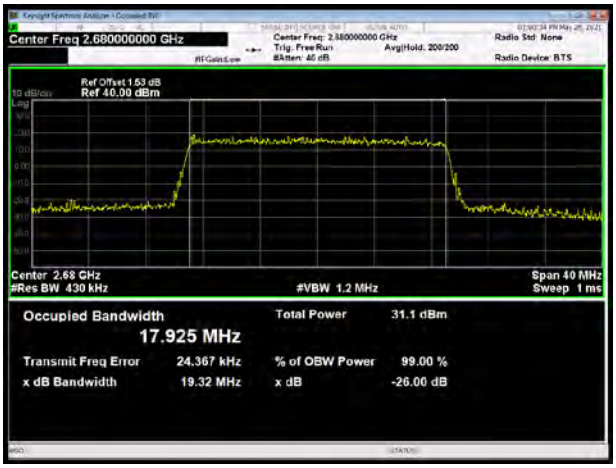
LTE Band 41 64QAM 20MHz CH-Middle



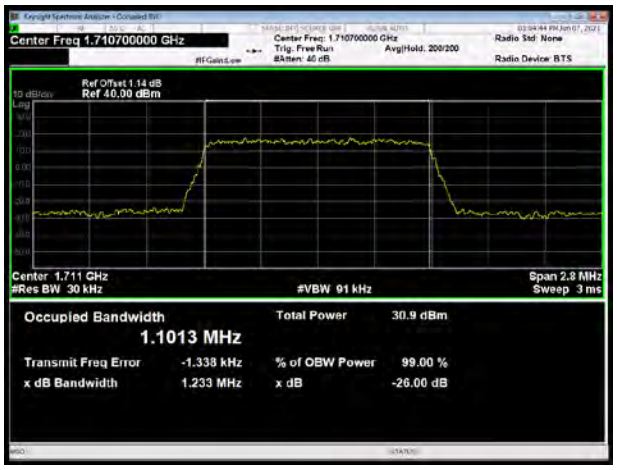
LTE Band 41 64QAM 15MHz CH-High



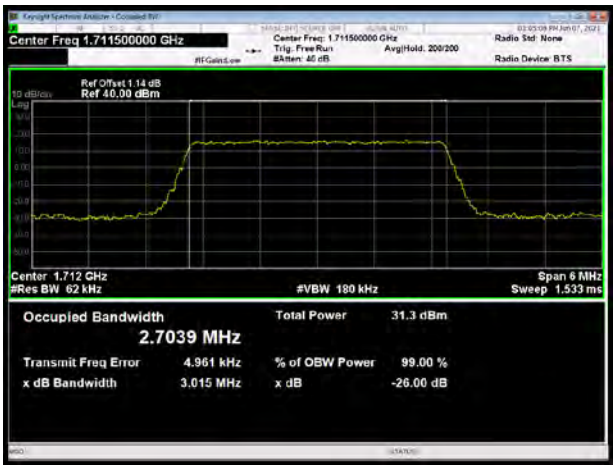
LTE Band 41 64QAM 20MHz CH-High



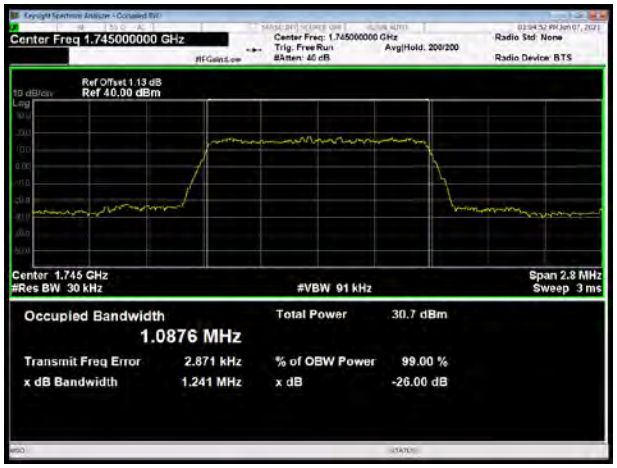
LTE Band 66 QPSK 1.4MHz CH-Low



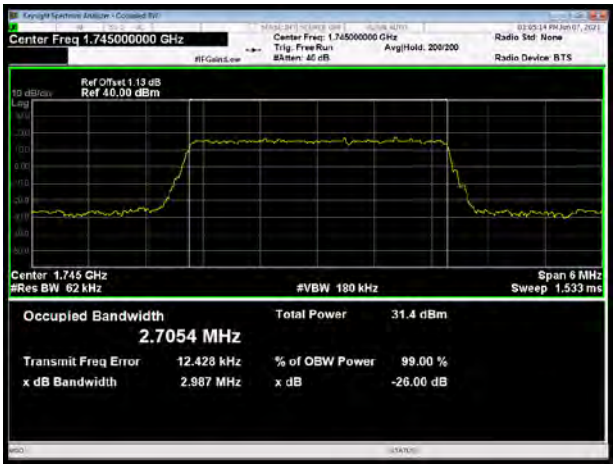
LTE Band 66 QPSK 3MHz CH-Low



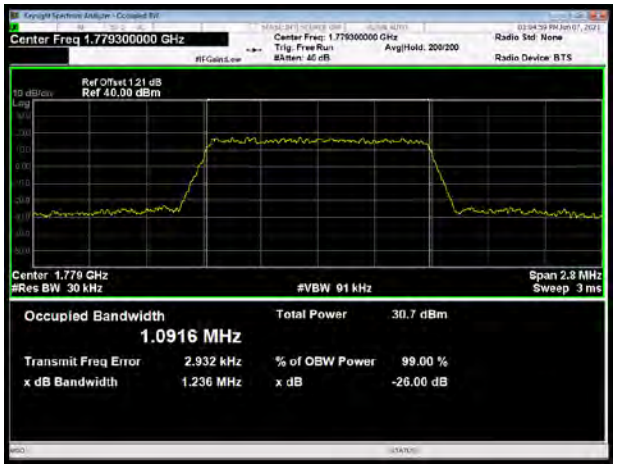
LTE Band 66 QPSK 1.4MHz CH-Middle



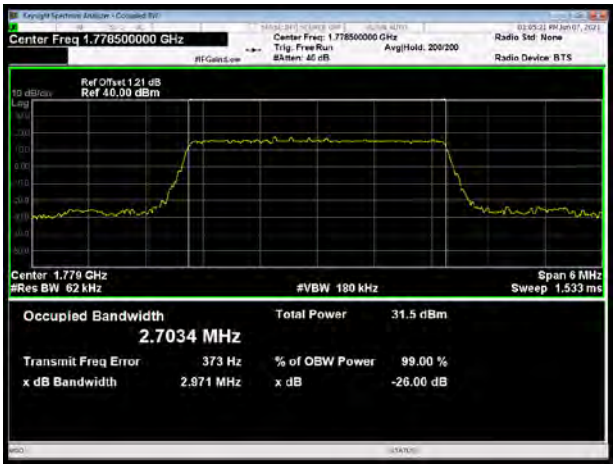
LTE Band 66 QPSK 3MHz CH-Middle



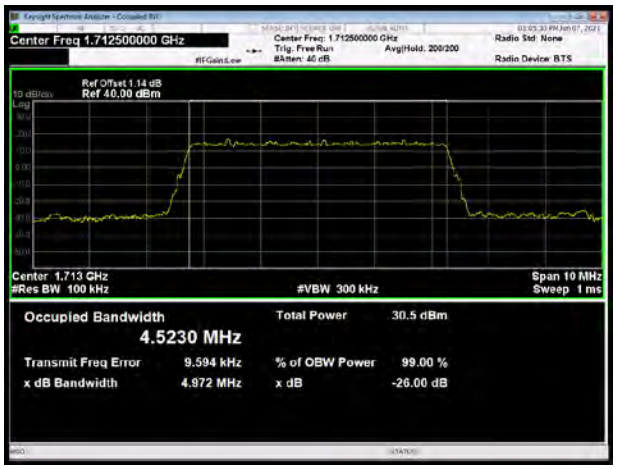
LTE Band 66 QPSK 1.4MHz CH-High



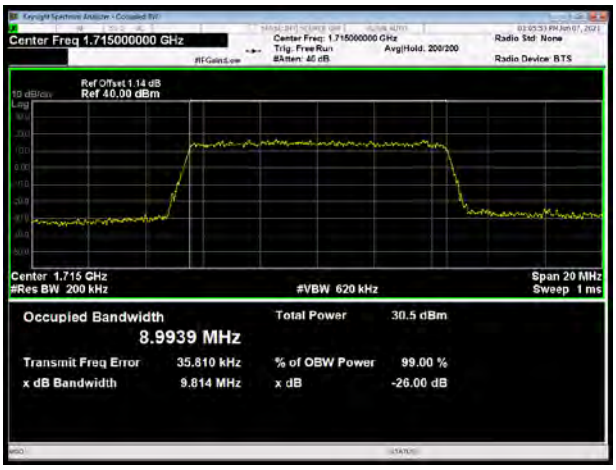
LTE Band 66 QPSK 3MHz CH-High



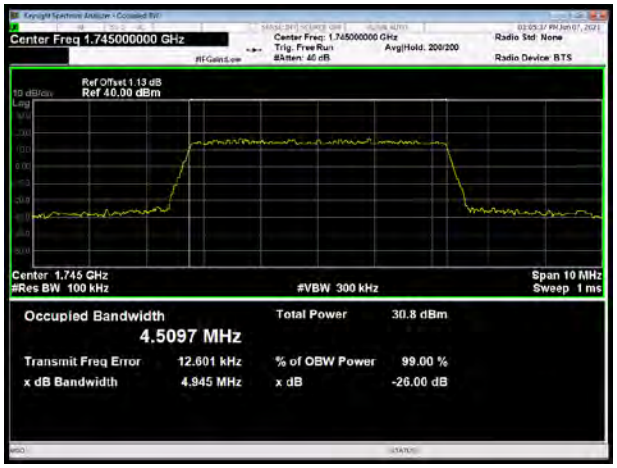
LTE Band 66 QPSK 5MHz CH-Low



LTE Band 66 QPSK 10MHz CH-Low

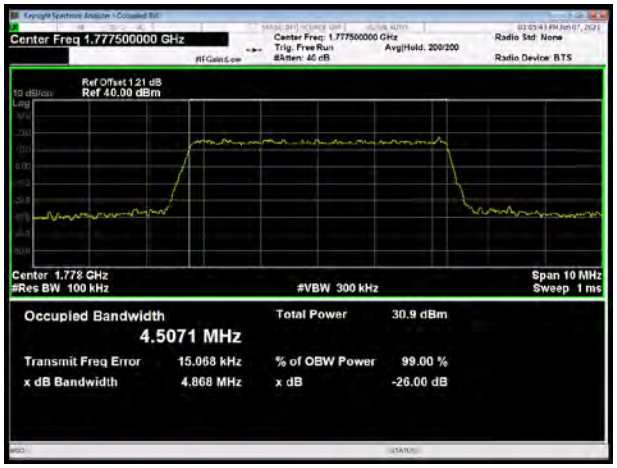


LTE Band 66 QPSK 5MHz CH-Middle

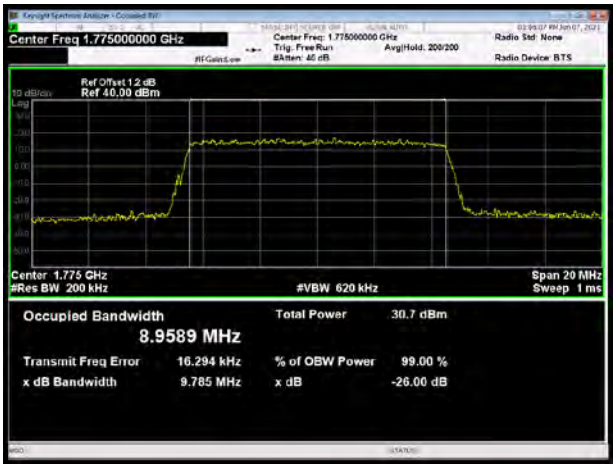


LTE Band 66 QPSK 10MHz CH-Middle

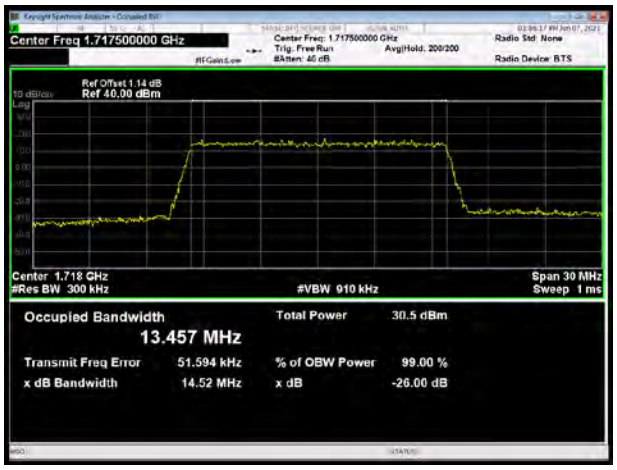
LTE Band 66 QPSK 5MHz CH-High



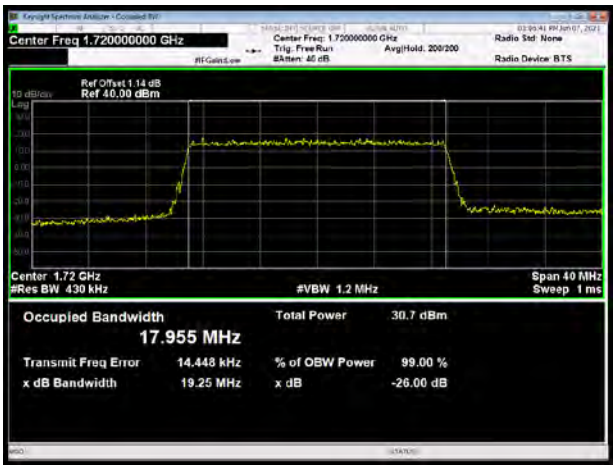
LTE Band 66 QPSK 10MHz CH-High



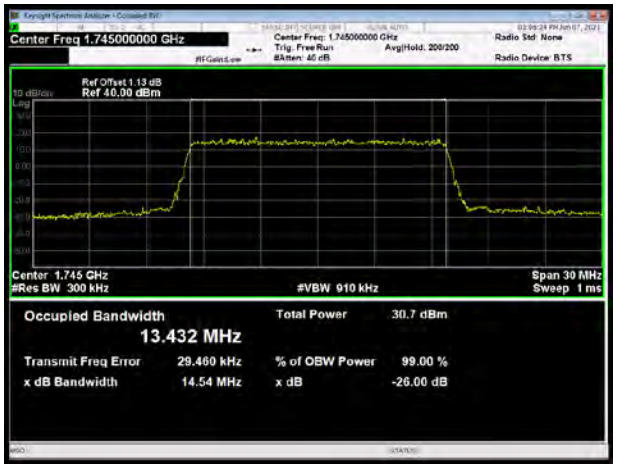
LTE Band 66 QPSK 15MHz CH-Low



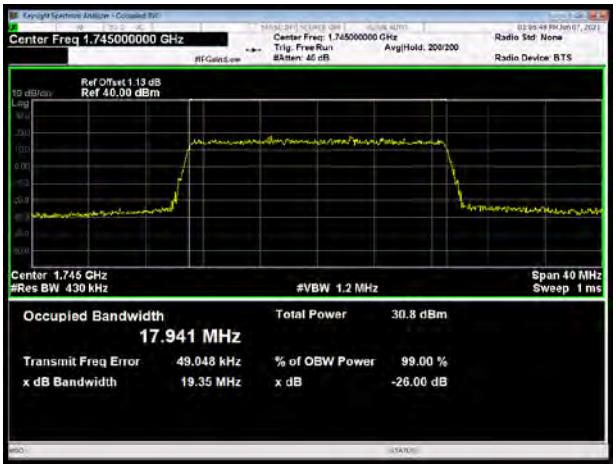
LTE Band 66 QPSK 20MHz CH-Low



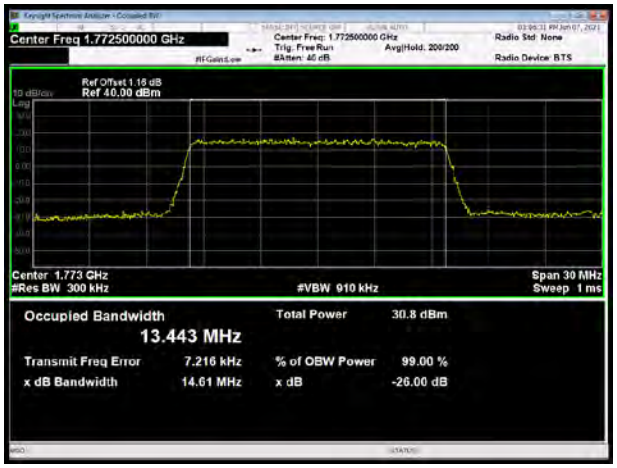
LTE Band 66 QPSK 15MHz CH-Middle



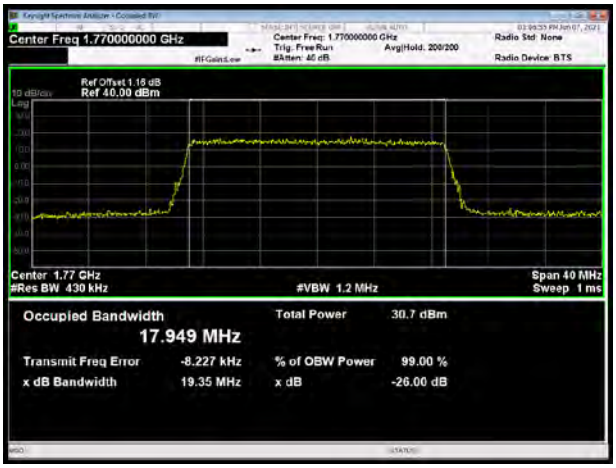
LTE Band 66 QPSK 20MHz CH-Middle



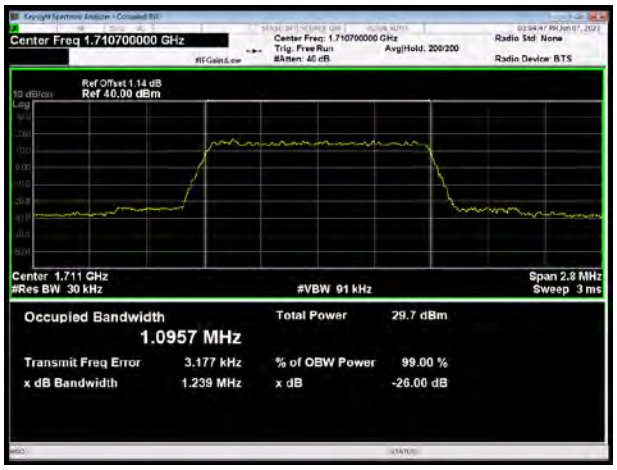
LTE Band 66 QPSK 15MHz CH-High



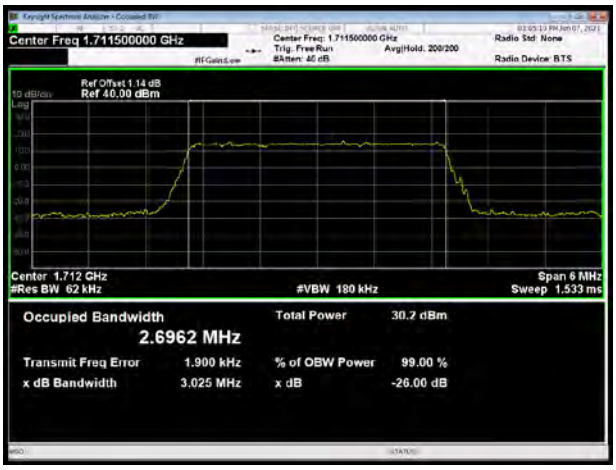
LTE Band 66 QPSK 20MHz CH-High



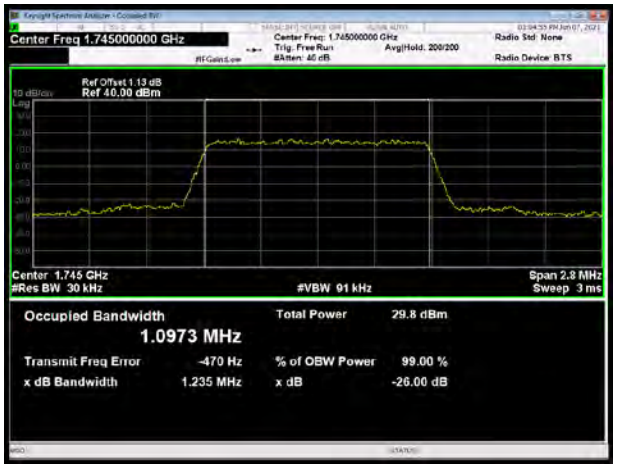
LTE Band 66 16QAM 1.4MHz CH-Low



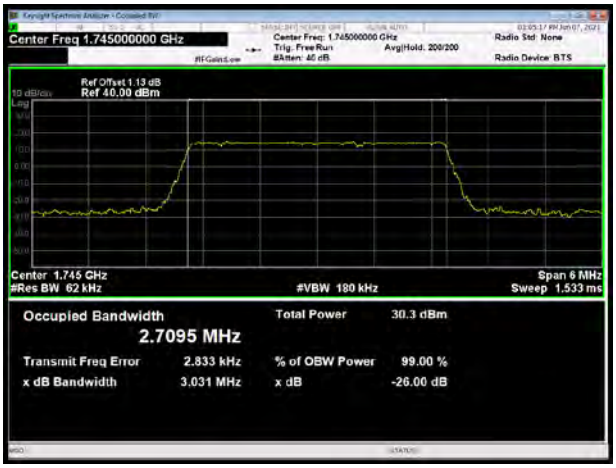
LTE Band 66 16QAM 3MHz CH-Low



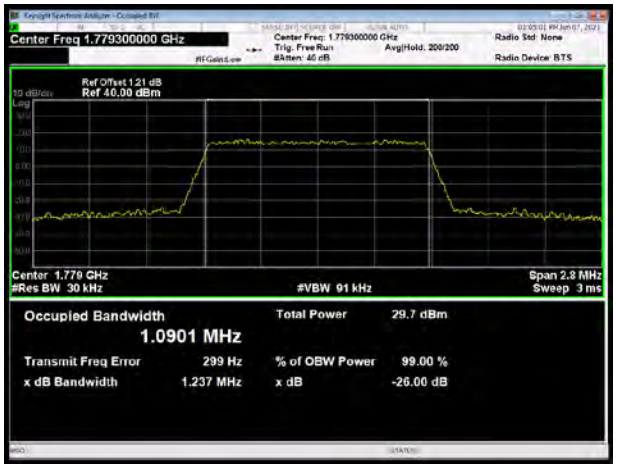
LTE Band 66 16QAM 1.4MHz CH-Middle



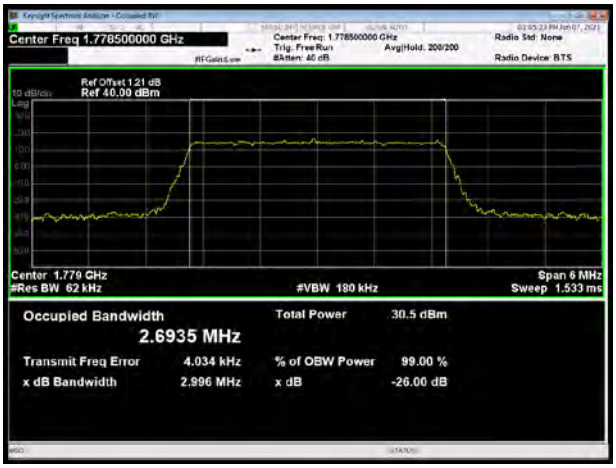
LTE Band 66 16QAM 3MHz CH-Middle



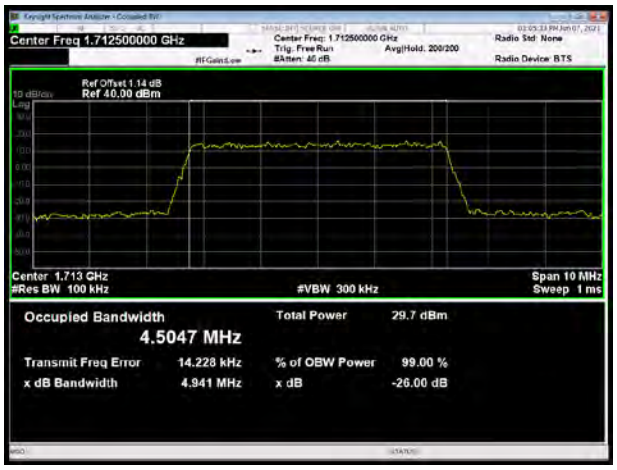
LTE Band 66 16QAM 1.4MHz CH-High



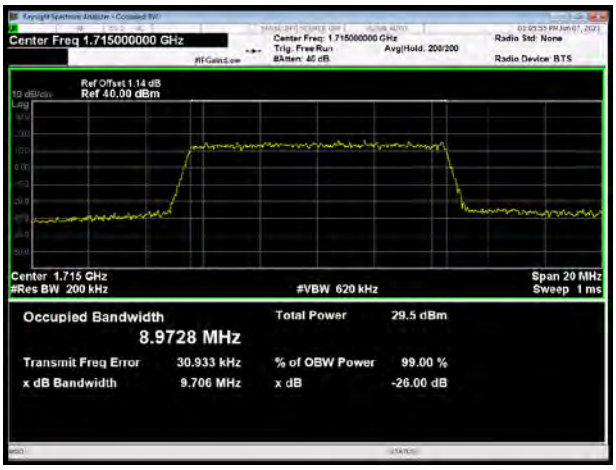
LTE Band 66 16QAM 3MHz CH-High



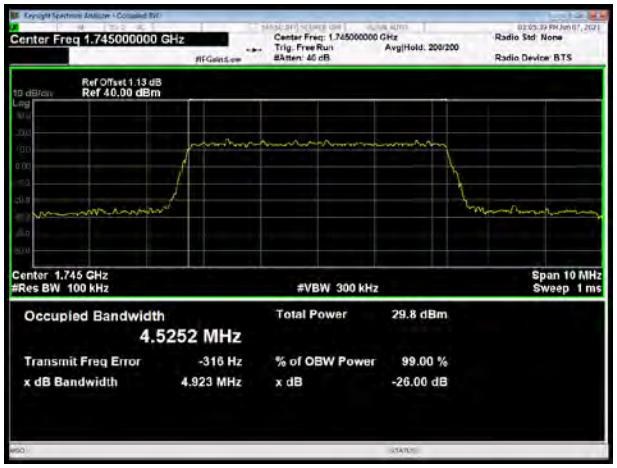
LTE Band 66 16QAM 5MHz CH-Low



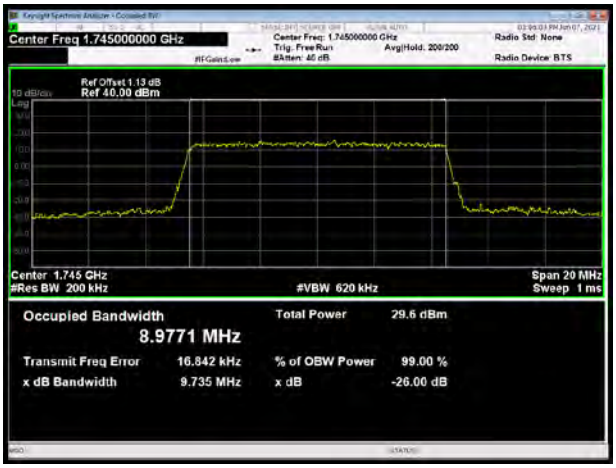
LTE Band 66 16QAM 10MHz CH-Low



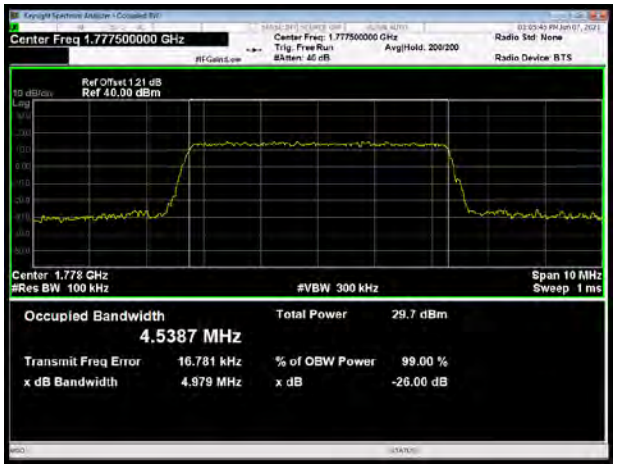
LTE Band 66 16QAM 5MHz CH-Middle



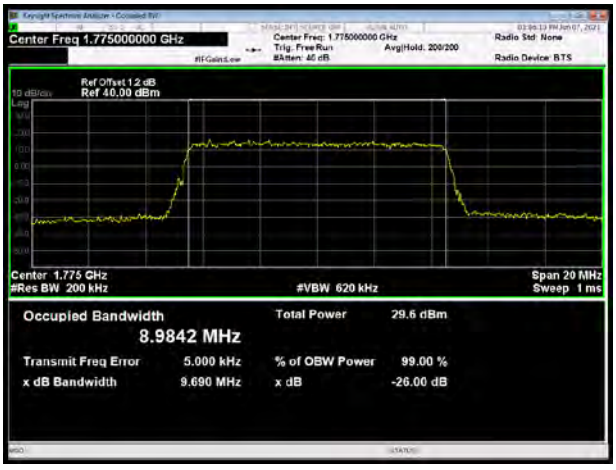
LTE Band 66 16QAM 10MHz CH-Middle



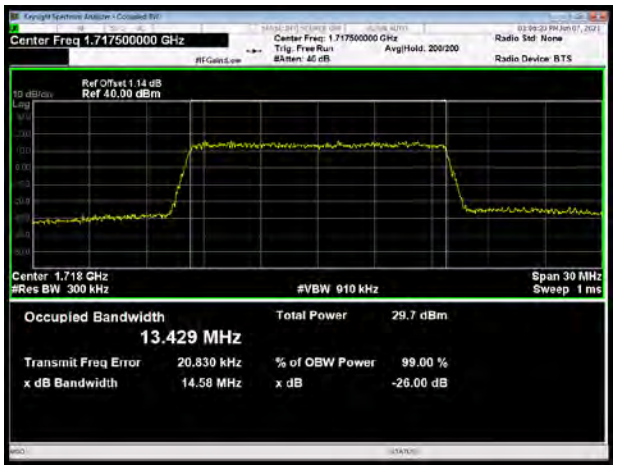
LTE Band 66 16QAM 5MHz CH-High



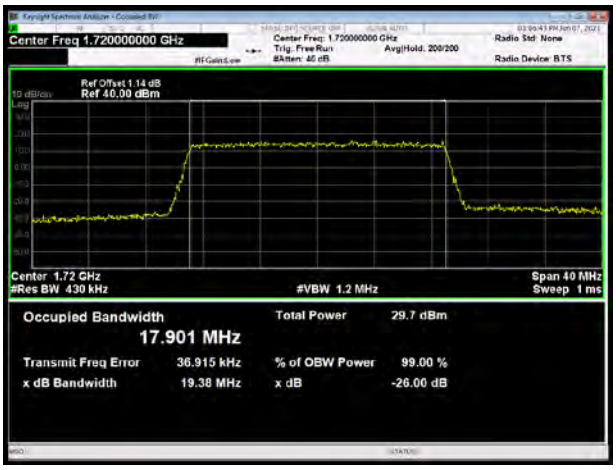
LTE Band 66 16QAM 10MHz CH-High



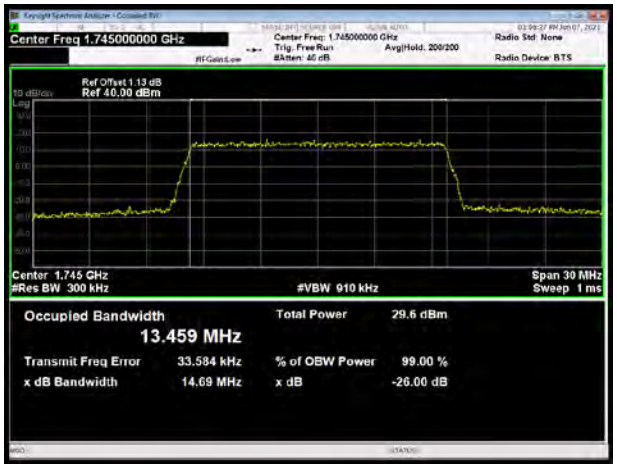
LTE Band 66 16QAM 15MHz CH-Low



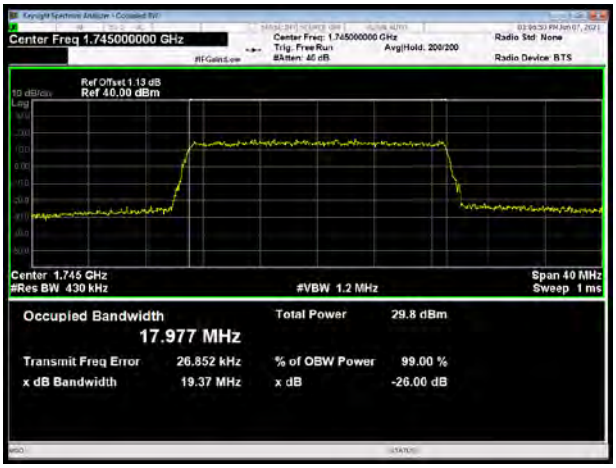
LTE Band 66 16QAM 20MHz CH-Low



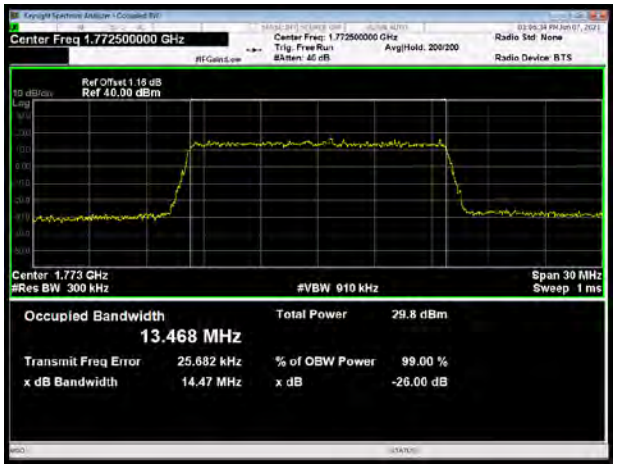
LTE Band 66 16QAM 15MHz CH-Middle



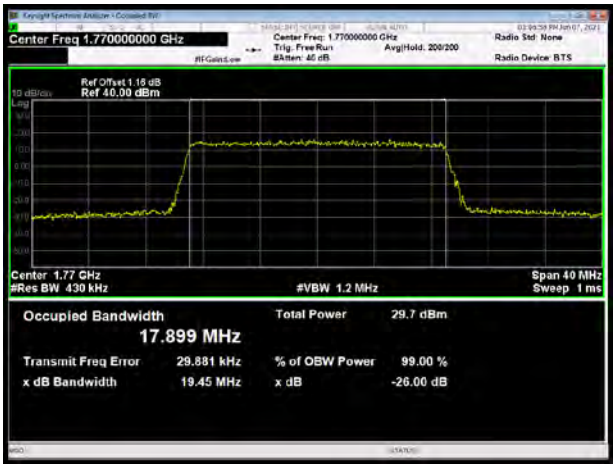
LTE Band 66 16QAM 20MHz CH-Middle



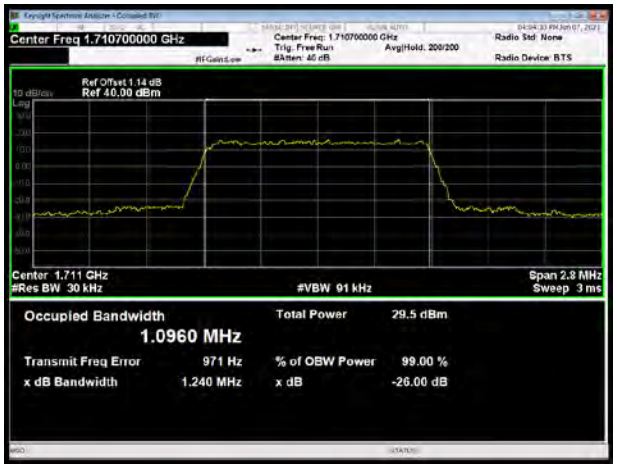
LTE Band 66 16QAM 15MHz CH-High



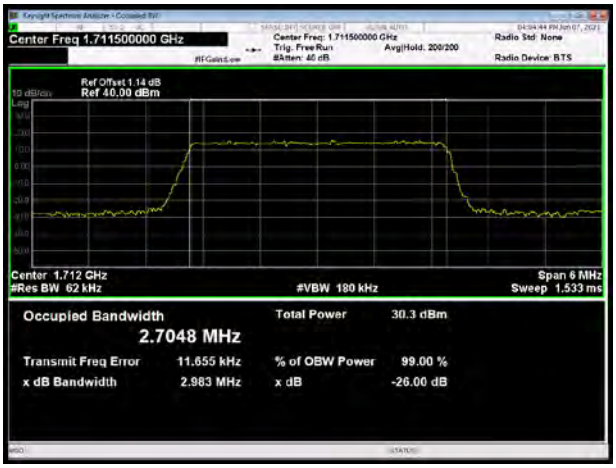
LTE Band 66 16QAM 20MHz CH-High



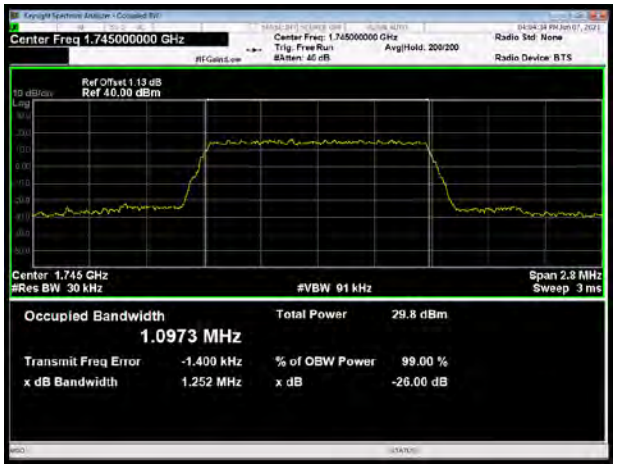
LTE Band 66 64QAM 1.4MHz CH-Low



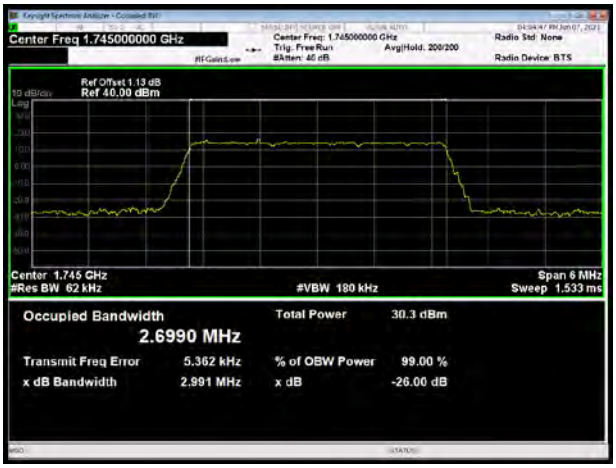
LTE Band 66 64QAM 3MHz CH-Low



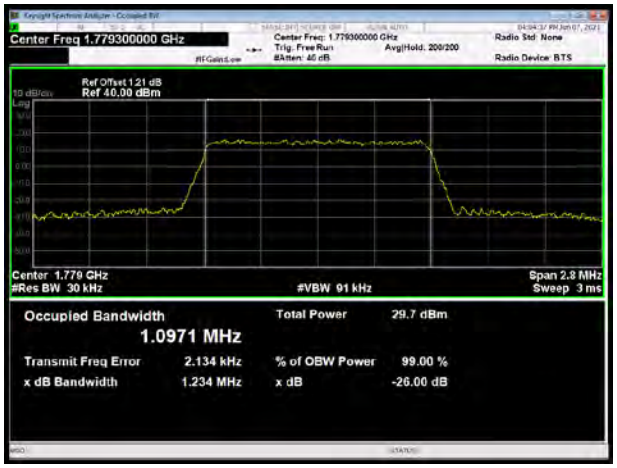
LTE Band 66 64QAM 1.4MHz CH-Middle



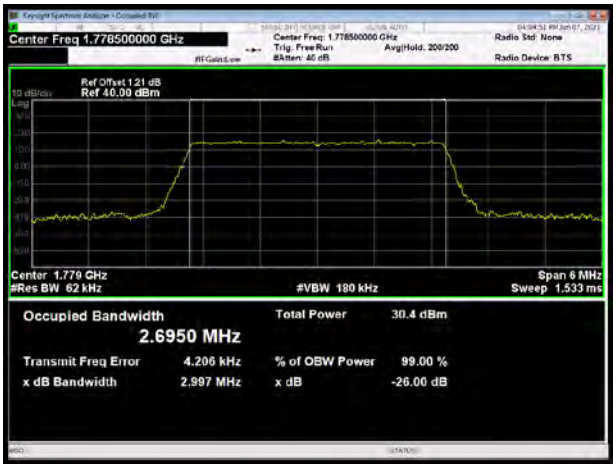
LTE Band 66 64QAM 3MHz CH-Middle



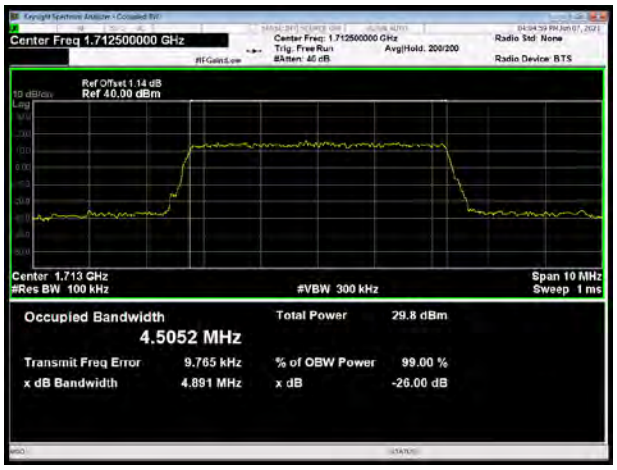
LTE Band 66 64QAM 1.4MHz CH-High



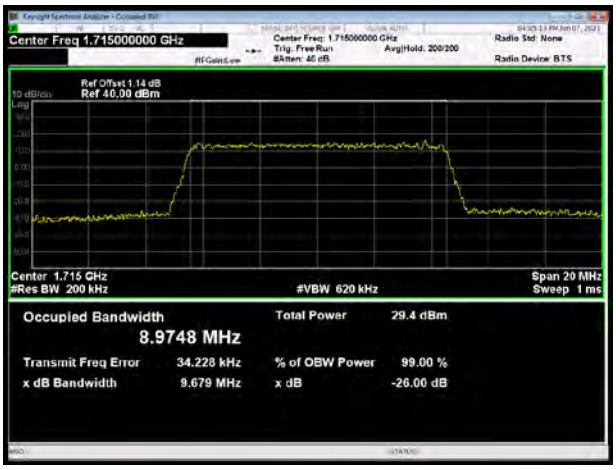
LTE Band 66 64QAM 3MHz CH-High



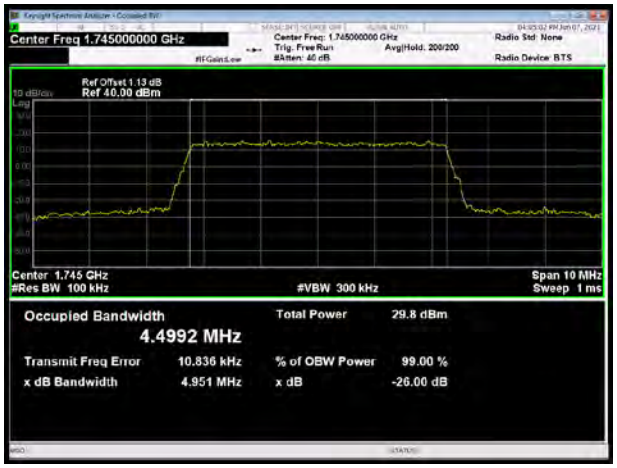
LTE Band 66 64QAM 5MHz CH-Low



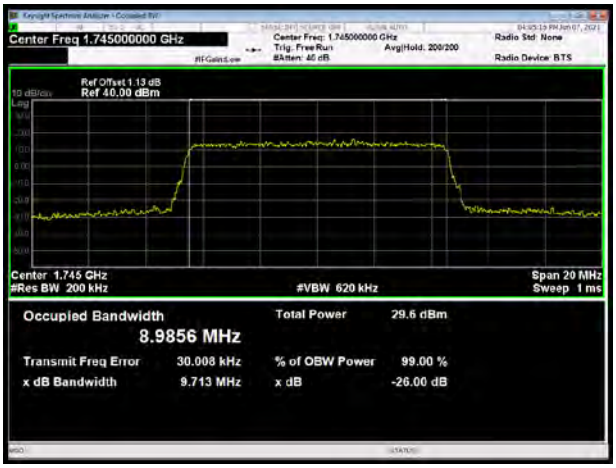
LTE Band 66 64QAM 10MHz CH-Low



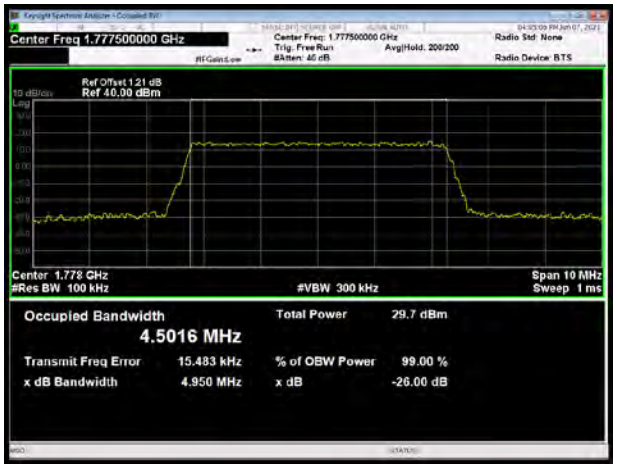
LTE Band 66 64QAM 5MHz CH-Middle



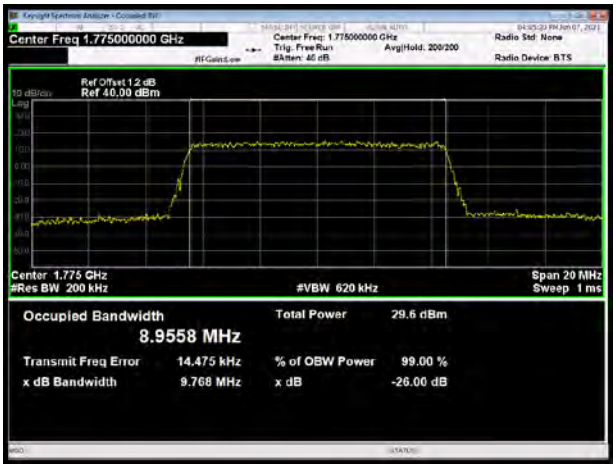
LTE Band 66 64QAM 10MHz CH-Middle



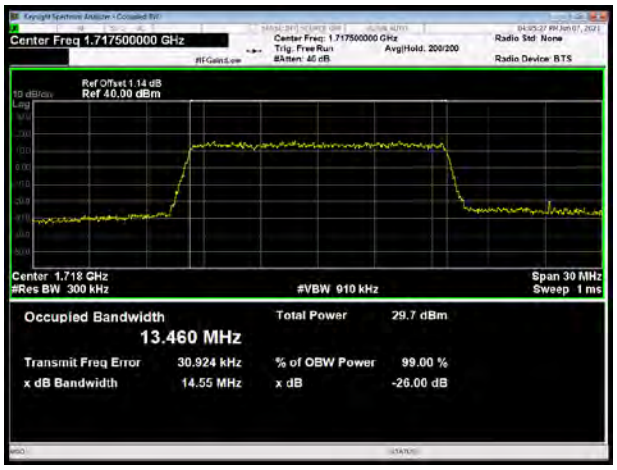
LTE Band 66 64QAM 5MHz CH-High



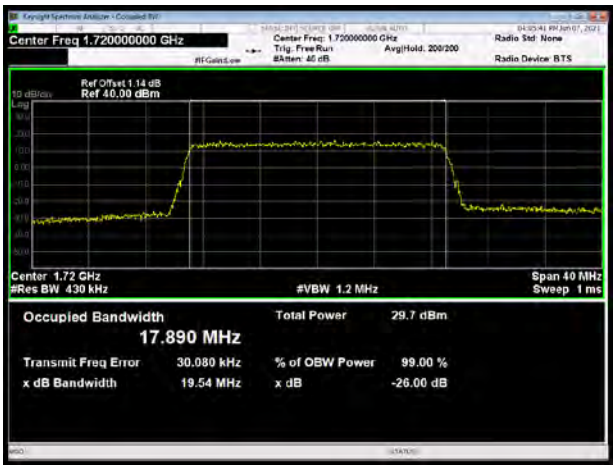
LTE Band 66 64QAM 10MHz CH-High



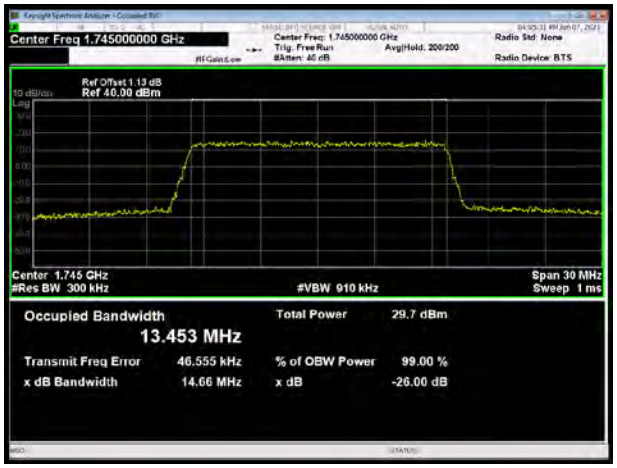
LTE Band 66 64QAM 15MHz CH-Low



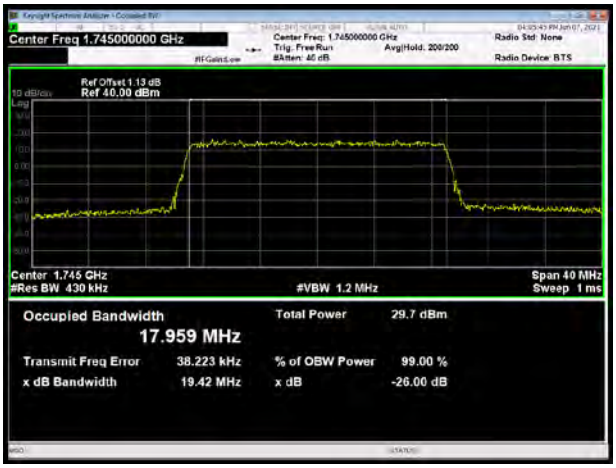
LTE Band 66 64QAM 20MHz CH-Low



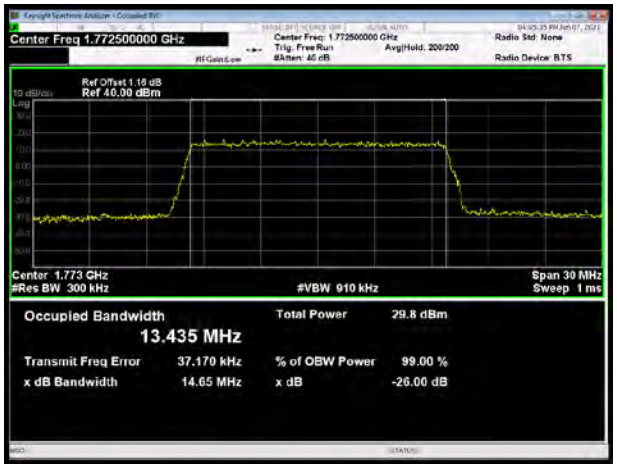
LTE Band 66 64QAM 15MHz CH-Middle



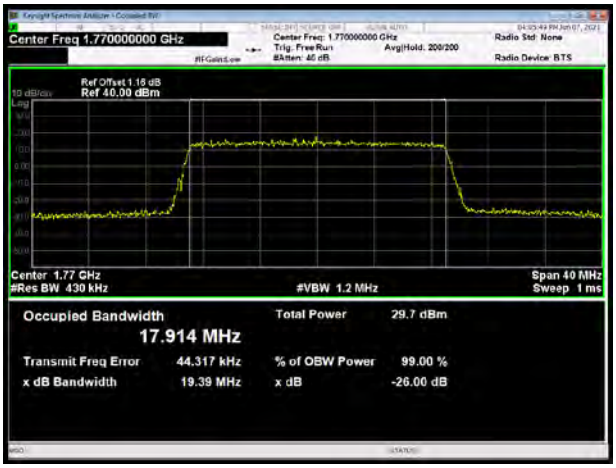
LTE Band 66 64QAM 20MHz CH-Middle



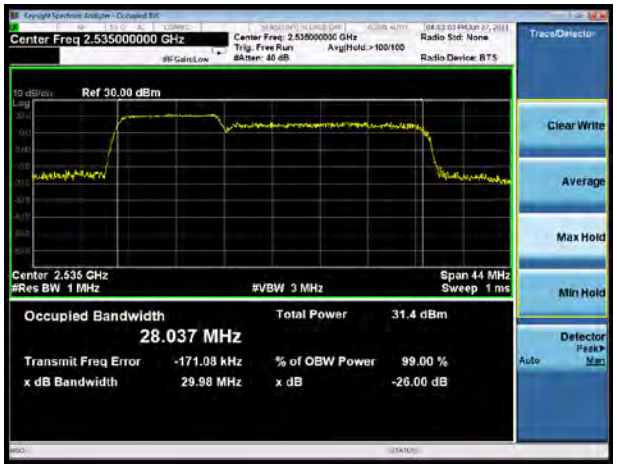
LTE Band 66 64QAM 15MHz CH-High



LTE Band 66 64QAM 20MHz CH-High

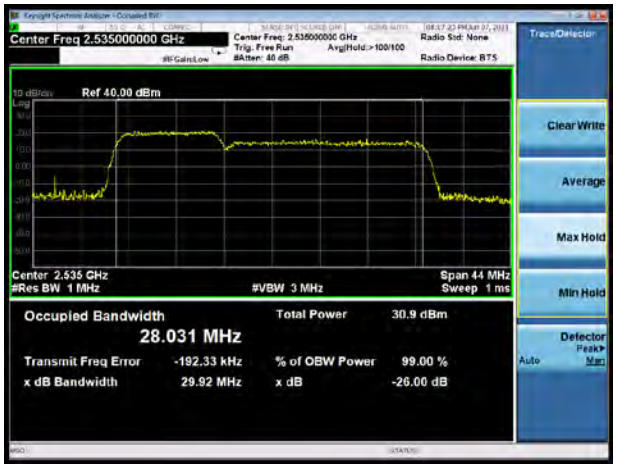


CA_7C QPSK 10MHz+20MHz



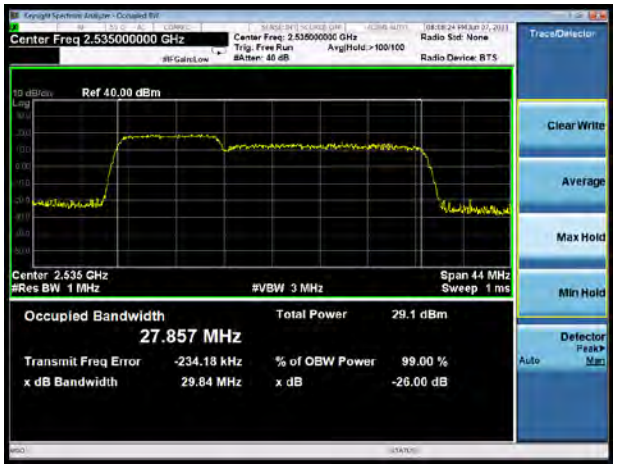
CA_7C QPSK 15MHz+10MHz

CA_7C 16QAM 10MHz+20MHz



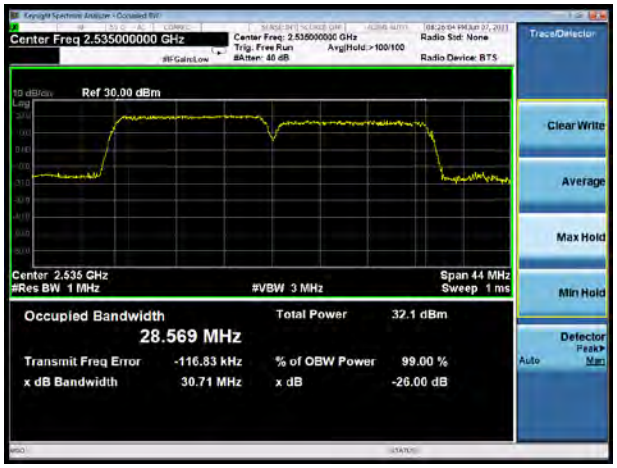
CA_7C 16QAM 15MHz+10MHz

CA_7C 64QAM 10MHz+20MHz

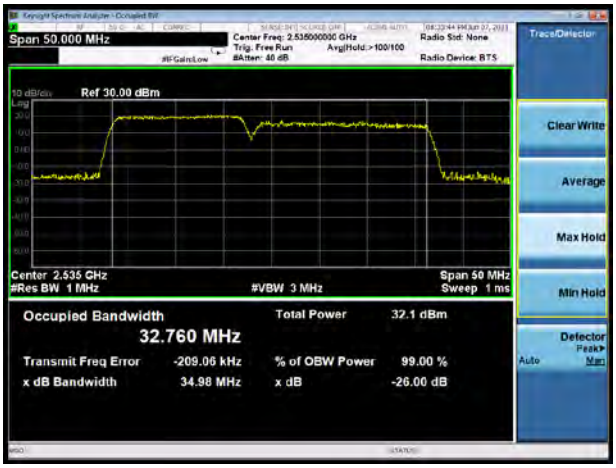


CA_7C 64QAM 15MHz+10MHz

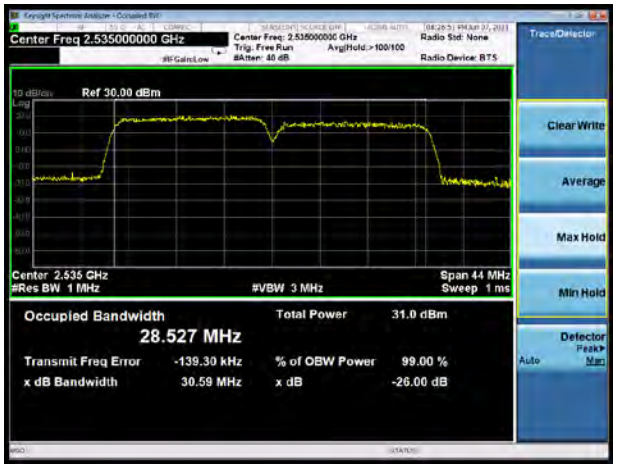
CA_7C QPSK 15MHz +15MHz



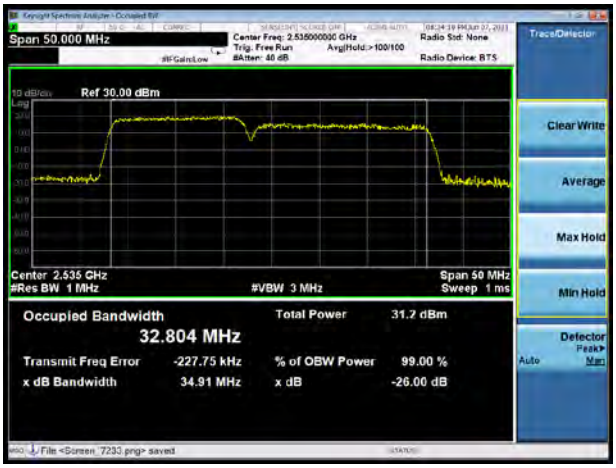
CA_7C QPSK 15MHz+20MHz



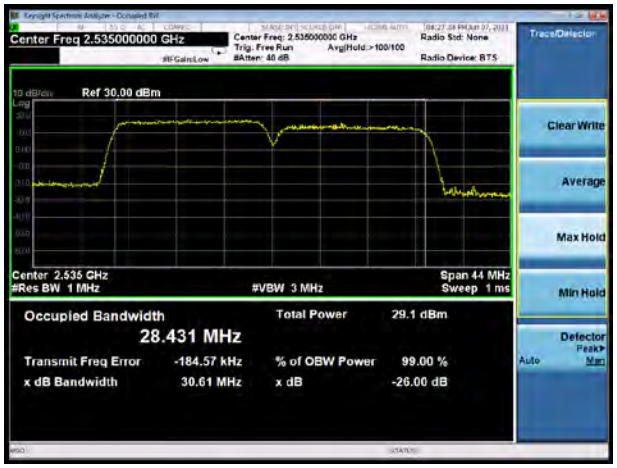
CA_7C 16QAM 15MHz +15MHz



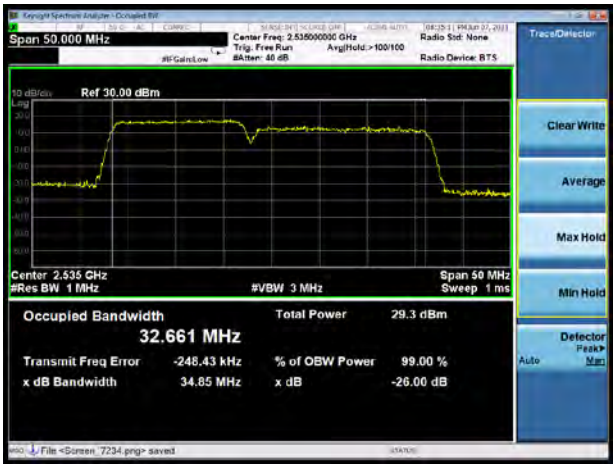
CA_7C 16QAM 15MHz+20MHz



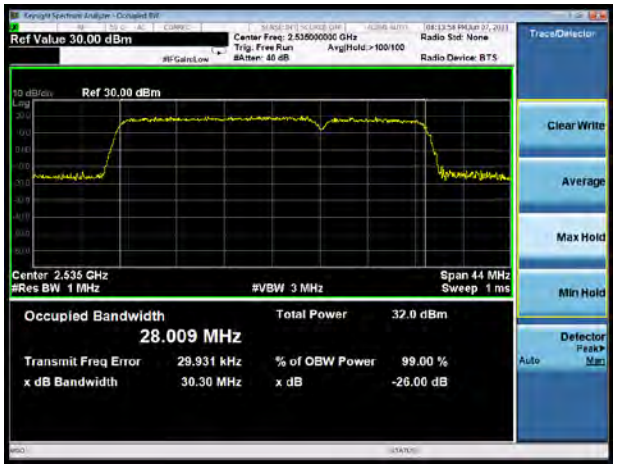
CA_7C 64QAM 15MHz +15MHz



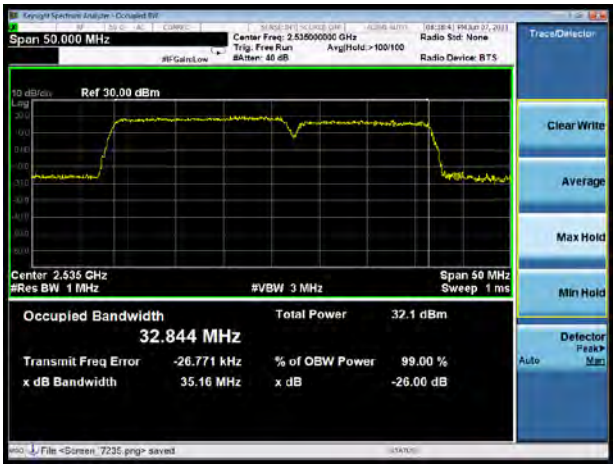
CA_7C 64QAM 15MHz+20MHz



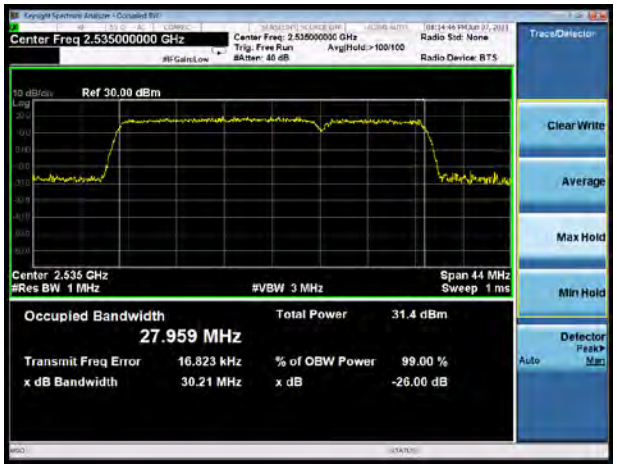
CA_7C QPSK 20MHz +10MHz



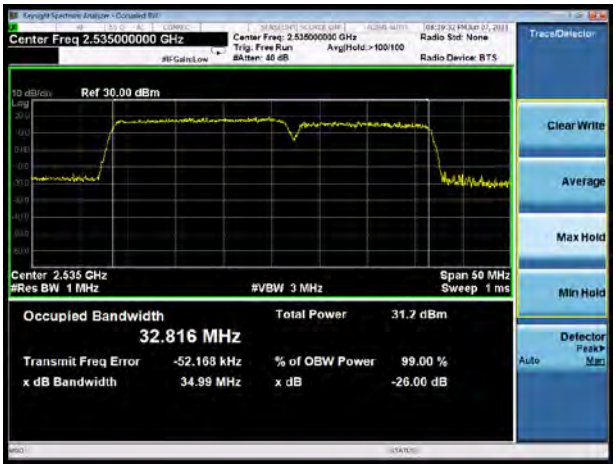
CA_7C QPSK 20MHz +15MHz



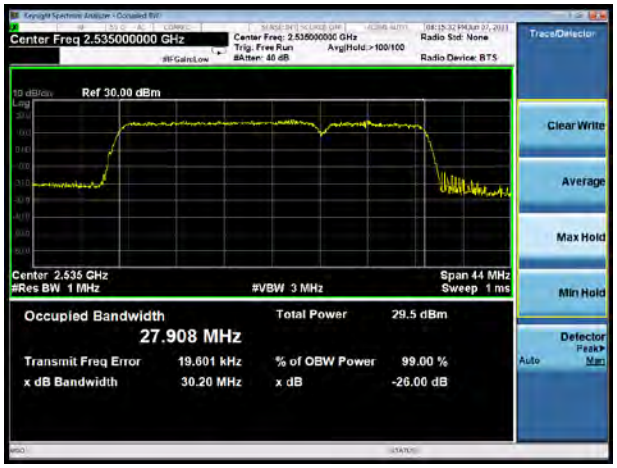
CA_7C 16QAM 20MHz +10MHz



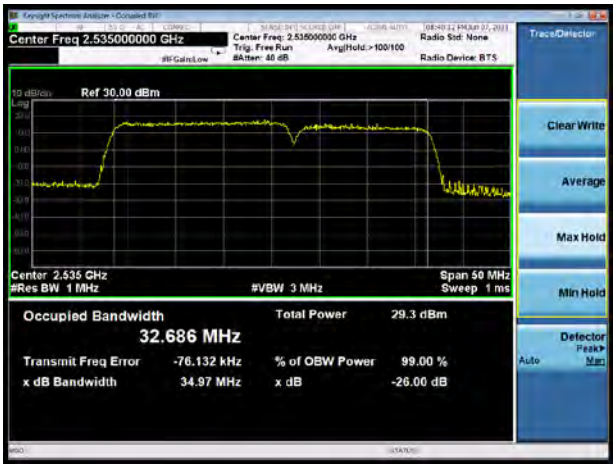
CA_7C 16QAM 20MHz +15MHz



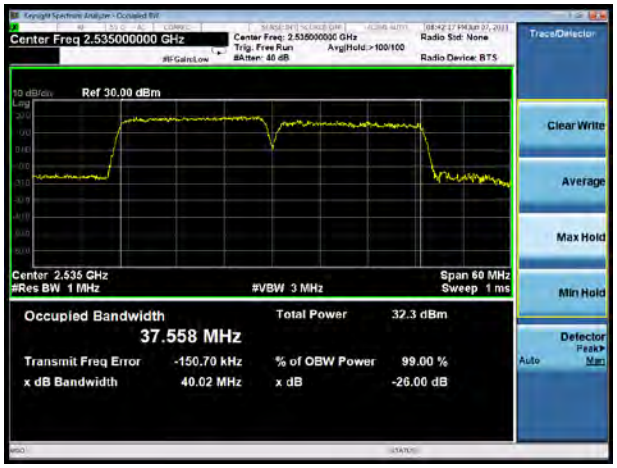
CA_7C 64QAM 20MHz +10MHz



CA_7C 64QAM 20MHz +15MHz

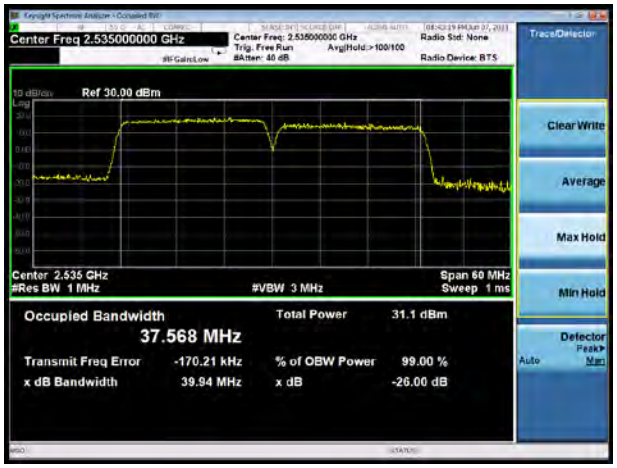


CA_7C QPSK 20MHz +20MHz

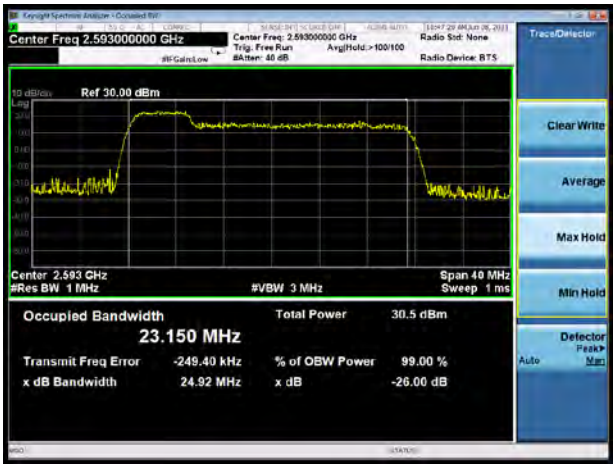


CA_41C QPSK 5MHz +20MHz

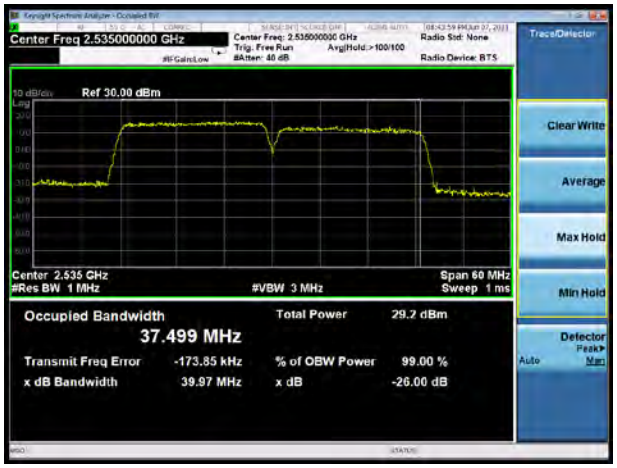
CA_7C 16QAM 20MHz +20MHz



CA_41C 16QAM 5MHz +20MHz



CA_7C 64QAM 20MHz +20MHz



CA_41C 64QAM 5MHz +20MHz