RF TEST REPORT

Applicant	Xiaomi Communications Co., Ltd.
FCC ID	2AFZZJ20CG
Product	Mobile Phone
Brand	POCO
Model	M2007J20CG, M2007J20CT
Report No.	R2007A0451-R3
Issue Date	August 14, 2020

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2019)/ FCC CFR47 Part 27C (2019)**. 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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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(h)(2)	PASS
2	Occupied Bandwidth	2.1049	PASS
3	Band Edge Compliance	27.53(h) /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(m)	PASS
7	Radiates Spurious Emission	2.1053 /27.53(h) /27.53(m)	PASS
Date of Testing: July13, 2020 ~ August 10, 2020			
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 electromagnetic emissions measurements.

A2LA (Certificate Number: 3857.01)

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

1.3 Testing Location

Company:	TA Technology (Shanghai) Co., Ltd.
Address:	No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China
City:	Shanghai
Post code:	201201
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2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

Applicant	Xiaomi Communications Co., Ltd.
Applicant address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer	Xiaomi Communications Co., Ltd.
Manufacturer address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 General information

EUT Description		
Model	M2007J20CG, M2007J20CT	
IMEI	IMEI 1:869236050030824 IMEI 2:869236050030832	
Hardware Version	P2	
Software Version	MIUI 12	
Power Supply	Battery/AC adapter	
Antenna Type	PIFA Antenna	
Antenna Gain	Frequency(MHz)	Gain(dBi)
	1712	-2.5
	1732	-2.4
	1752	-2.3
	2496	-0.1
	2500	-0.1
	2570	-0.3
Test Mode(s)	WCDMA Band IV;LTE Band 4/738/41, CA-7C,CA-38C	
Test Modulation	(WCDMA) BPSK, QPSK,16QAM; (LTE)QPSK 16QAM, 64QAM;	
HSDPA UE Category	24	
HSUPA UE Category	6	
LTE Category	12	
Maximum E.I.R.P./ E.R.P.	WCDMA Band IV:	20.64dBm
	LTE Band 4:	20.86dBm
	LTE Band 7:	23.20dBm
	LTE Band 38:	23.02dBm
	LTE Band 41:	23.16dBm
	CA-7C	22.59dBm

	CA-38C	22.50dBm	
Rated Power Supply Voltage:	3.87V		
Extreme Voltage	Minimum: 3.6V Maximum: 4.4V		
Extreme Temperature	Lowest: 0°C Highest: +40°C		
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)
	WCDMA Band IV	1710 ~ 1755	2110 ~ 2155
	LTE Band 4	1710 ~ 1755	2110 ~ 2155
	LTE Band 7	2500 ~ 2570	2620 ~ 2690
	LTE Band 38	2570 ~ 2620	2570 ~ 2620
	LTE Band 41	2496 ~ 2690	2496 ~ 2690
EUT Accessory			
Adapter	Manufacturer: Xiaomi Communications Co., Ltd. Model: MDY-12-EA		
Battery	Manufacturer: NVT Model: BN57		
Earphone	Manufacturer: Tiinlab Acoustic Technology Model: EM023		
USB Cable	Manufacturer: LUXSHARE Precision Industry Co., Ltd. Model: L63312		
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.			

Item	M2007J20CG	M2007J20CT
LTE Band 41	Support	Not Support
Note: Customer declaration, two models are the same, except for the model. There are more than one Model, each one should be applied throughout the compliance test respectively, however, only the worst case (M2007J20CG) will be recorded in this report.		

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 (2019)

ANSI C63.26 (2015)

Reference standard:

FCC CFR47 Part 2 (2019)

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 WCDMA/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 for WCDMA Band IV:

Test items	**Modes/Modulation**
	WCDMA Band IV
RF Power Output and Effective Isotropic Radiated Power	RMC HSDPA/HSUPA DC-HSDPA/HSPA+
Occupied Bandwidth	RMC
Band Edge Compliance	RMC
Peak-to-Average Power Ratio	RMC
Frequency Stability	RMC
Spurious Emissions at Antenna Terminals	RMC
Radiates Spurious Emission	RMC

Test modes are chosen to be reported as the worst case configuration below for LTE Band 4/7/38/41:

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	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 38	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 41	-	-	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 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 41	-	-	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 38	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 41	-	-	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 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	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 38	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	O	O	O	O	O	O
Spurious Emissions at Antenna Terminals	LTE 4	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 7	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 38	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 41	-	-	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	-	-	-	O	-
	LTE 38	-	-	O	O	-	O	O	-	O	-	-	-	O	-
	LTE 41	-	-	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

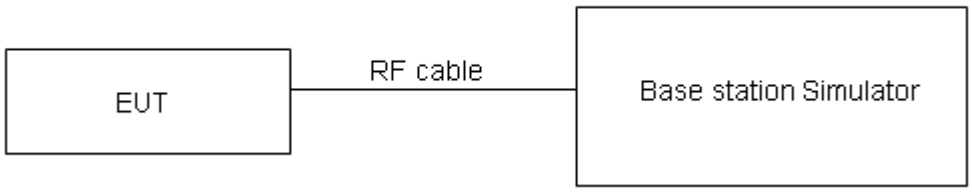
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

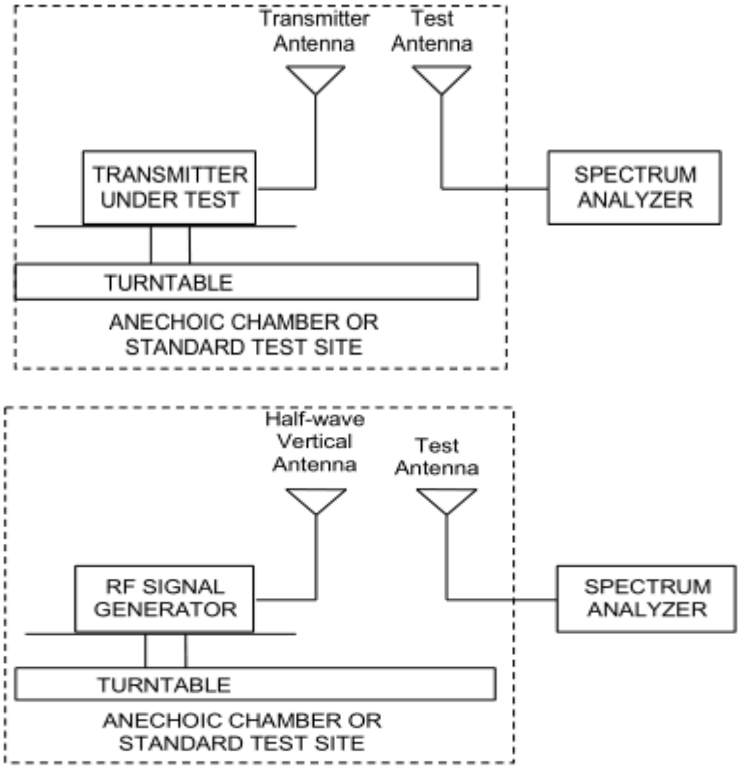
During the process of the testing, The EUT is controlled by the Base Station Simulator to ensure max power transmission and proper modulation.

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.8 and ANSI C63.26 (2015).
a) Connect the equipment as illustrated. Mount the equipment with the manufacturer specified antenna in a vertical orientation on a manufacturer specified mounting surface located on a non-conducting rotating platform of a RF anechoic chamber (preferred) or a standard radiation site.
b) Key the transmitter, then rotate the EUT 360° azimuthally and record spectrum analyzer power level (LVL) measurements at angular increments that are sufficiently small to permit resolution of all peaks. If a standard radiation test site is used, raise and lower the test antenna to obtain a maximum reading at each angular increment. (Note: several batteries may be needed to offset the effect of battery voltage droop, which should not exceed 5% of the manufactured specified battery voltage during transmission).
c) Replace the transmitter under test with a vertically polarized half-wave dipole (or an antenna whose gain is known relative to an ideal half-wave dipole). The center of the antenna should be at the same location as the center of the antenna under test.
d) Connect the antenna to a signal generator with a known output power and record the path loss (in dB) as LOSS. If a standard radiation test site is used, raise and lower the test antenna to obtain a maximum reading.LOSS = Generator Output Power (dBm) – Analyzer reading (dBm)
e) Determine the effective radiated output power at each angular position from the readings in steps b) and d) using the following equation:ERP (dBm) = LVL (dBm) + LOSS (dB)
f) The maximum ERP is the maximum value determined in the preceding step.
g) When calculating ERP, in addition to knowing the antenna radiation and matching characteristics, it is necessary to know the loss values of all elements (e.g.transmission line attenuation, mismatches, filters, combiners) interposed between the point where transmitter output power is measured, and the point where power is applied to the antenna. 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.)
The RB allocation refers to section 5.1, using the maximum output power configuration.

Test Setup



The loss between RF output port of the EUT and the input port of the tester has been taken into consideration.



Note: Area side:2.4mX3.6m

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in stand-up position (Z axis) and the worst case was recorded.

Limits

No specific RF power output requirements in part 2.1046.

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.”

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

WCDMA Band IV		Conducted Power (dBm)			EIRP (dBm)		
		Channel 1312	Channel 1413	Channel 1513	Channel 1312	Channel 1413	Channel 1513
		1712.4 (MHz)	1732.6 (MHz)	1752.6 (MHz)	1712.4 (MHz)	1732.6 (MHz)	1752.6 (MHz)
RMC		23.06	23.04	22.94	20.56	20.64	20.64
HSDPA	Sub - Test 1	22.52	22.46	22.38	20.02	20.06	20.08
	Sub - Test 2	22.51	22.48	22.35	20.01	20.08	20.05
	Sub - Test 3	21.98	21.98	21.87	19.48	19.58	19.57
	Sub - Test 4	21.99	21.99	21.85	19.49	19.59	19.55
HSUPA	Sub - Test 1	22.48	22.45	22.33	19.98	20.05	20.03
	Sub - Test 2	21.47	21.43	21.32	18.97	19.03	19.02
	Sub - Test 3	21.94	21.91	21.81	19.44	19.51	19.51
	Sub - Test 4	21.40	21.40	21.29	18.90	19.00	18.99
	Sub - Test 5	22.41	22.38	22.27	19.91	19.98	19.97
DC-HSDPA	Sub - Test 1	22.40	22.40	22.28	19.90	20.00	19.98
	Sub - Test 2	22.39	22.39	22.27	19.89	19.99	19.97
	Sub - Test 3	21.97	21.88	21.78	19.47	19.48	19.48
	Sub - Test 4	21.96	21.87	21.77	19.46	19.47	19.47
HSPA+	16QAM	21.95	21.95	21.84	19.45	19.55	19.54

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)	Verdict
LTE Band4	1.4	19957	1	#0	QPSK	23.18	20.68	PASS
LTE Band4	1.4	19957	1	#Mid	QPSK	23.21	20.71	PASS
LTE Band4	1.4	19957	1	#Max	QPSK	23.14	20.64	PASS
LTE Band4	1.4	19957	3	#0	QPSK	23.00	20.50	PASS
LTE Band4	1.4	19957	3	#Mid	QPSK	23.01	20.51	PASS
LTE Band4	1.4	19957	3	#Max	QPSK	23.00	20.50	PASS
LTE Band4	1.4	19957	6	#0	QPSK	22.10	19.60	PASS
LTE Band4	1.4	19957	1	#0	QAM16	22.04	19.54	PASS
LTE Band4	1.4	19957	1	#Mid	QAM16	22.12	19.62	PASS
LTE Band4	1.4	19957	1	#Max	QAM16	22.05	19.55	PASS
LTE Band4	1.4	19957	3	#0	QAM16	22.25	19.75	PASS
LTE Band4	1.4	19957	3	#Mid	QAM16	22.28	19.78	PASS
LTE Band4	1.4	19957	3	#Max	QAM16	22.20	19.70	PASS
LTE Band4	1.4	19957	6	#0	QAM16	21.10	18.60	PASS
LTE Band4	1.4	19957	1	#0	QAM64	22.07	19.57	PASS
LTE Band4	1.4	19957	1	#Mid	QAM64	22.15	19.65	PASS
LTE Band4	1.4	19957	1	#Max	QAM64	22.03	19.53	PASS
LTE Band4	1.4	19957	3	#0	QAM64	22.20	19.70	PASS
LTE Band4	1.4	19957	3	#Mid	QAM64	22.24	19.74	PASS
LTE Band4	1.4	19957	3	#Max	QAM64	22.23	19.73	PASS
LTE Band4	1.4	19957	6	#0	QAM64	21.14	18.64	PASS
LTE Band4	1.4	20175	1	#0	QPSK	23.02	20.62	PASS
LTE Band4	1.4	20175	1	#Mid	QPSK	23.09	20.69	PASS
LTE Band4	1.4	20175	1	#Max	QPSK	22.96	20.56	PASS
LTE Band4	1.4	20175	3	#0	QPSK	23.02	20.62	PASS
LTE Band4	1.4	20175	3	#Mid	QPSK	23.02	20.62	PASS
LTE Band4	1.4	20175	3	#Max	QPSK	22.99	20.59	PASS
LTE Band4	1.4	20175	6	#0	QPSK	22.03	19.63	PASS
LTE Band4	1.4	20175	1	#0	QAM16	22.19	19.79	PASS
LTE Band4	1.4	20175	1	#Mid	QAM16	22.28	19.88	PASS
LTE Band4	1.4	20175	1	#Max	QAM16	22.23	19.83	PASS
LTE Band4	1.4	20175	3	#0	QAM16	22.13	19.73	PASS
LTE Band4	1.4	20175	3	#Mid	QAM16	22.12	19.72	PASS
LTE Band4	1.4	20175	3	#Max	QAM16	22.14	19.74	PASS
LTE Band4	1.4	20175	6	#0	QAM16	21.05	18.65	PASS
LTE Band4	1.4	20175	1	#0	QAM64	22.20	19.80	PASS
LTE Band4	1.4	20175	1	#Mid	QAM64	22.28	19.88	PASS
LTE Band4	1.4	20175	1	#Max	QAM64	22.21	19.81	PASS
LTE Band4	1.4	20175	3	#0	QAM64	22.11	19.71	PASS

LTE Band4	1.4	20175	3	#Mid	QAM64	22.11	19.71	PASS
LTE Band4	1.4	20175	3	#Max	QAM64	22.13	19.73	PASS
LTE Band4	1.4	20175	6	#0	QAM64	21.05	18.65	PASS
LTE Band4	1.4	20393	1	#0	QPSK	23.04	20.74	PASS
LTE Band4	1.4	20393	1	#Mid	QPSK	23.07	20.77	PASS
LTE Band4	1.4	20393	1	#Max	QPSK	22.97	20.67	PASS
LTE Band4	1.4	20393	3	#0	QPSK	22.98	20.68	PASS
LTE Band4	1.4	20393	3	#Mid	QPSK	22.96	20.66	PASS
LTE Band4	1.4	20393	3	#Max	QPSK	22.96	20.66	PASS
LTE Band4	1.4	20393	6	#0	QPSK	21.96	19.66	PASS
LTE Band4	1.4	20393	1	#0	QAM16	21.91	19.61	PASS
LTE Band4	1.4	20393	1	#Mid	QAM16	21.99	19.69	PASS
LTE Band4	1.4	20393	1	#Max	QAM16	21.93	19.63	PASS
LTE Band4	1.4	20393	3	#0	QAM16	22.04	19.74	PASS
LTE Band4	1.4	20393	3	#Mid	QAM16	22.04	19.74	PASS
LTE Band4	1.4	20393	3	#Max	QAM16	21.99	19.69	PASS
LTE Band4	1.4	20393	6	#0	QAM16	20.99	18.69	PASS
LTE Band4	1.4	20393	1	#0	QAM64	21.90	19.60	PASS
LTE Band4	1.4	20393	1	#Mid	QAM64	21.98	19.68	PASS
LTE Band4	1.4	20393	1	#Max	QAM64	21.93	19.63	PASS
LTE Band4	1.4	20393	3	#0	QAM64	22.04	19.74	PASS
LTE Band4	1.4	20393	3	#Mid	QAM64	22.04	19.74	PASS
LTE Band4	1.4	20393	3	#Max	QAM64	21.99	19.69	PASS
LTE Band4	1.4	20393	6	#0	QAM64	20.99	18.69	PASS
LTE Band4	3	19965	1	#0	QPSK	23.07	20.57	PASS
LTE Band4	3	19965	1	#Mid	QPSK	23.07	20.57	PASS
LTE Band4	3	19965	1	#Max	QPSK	23.06	20.56	PASS
LTE Band4	3	19965	8	#0	QPSK	22.14	19.64	PASS
LTE Band4	3	19965	8	#Mid	QPSK	22.16	19.66	PASS
LTE Band4	3	19965	8	#Max	QPSK	22.14	19.64	PASS
LTE Band4	3	19965	15	#0	QPSK	22.13	19.63	PASS
LTE Band4	3	19965	1	#0	QAM16	22.34	19.84	PASS
LTE Band4	3	19965	1	#Mid	QAM16	22.30	19.80	PASS
LTE Band4	3	19965	1	#Max	QAM16	22.33	19.83	PASS
LTE Band4	3	19965	8	#0	QAM16	21.17	18.67	PASS
LTE Band4	3	19965	8	#Mid	QAM16	21.13	18.63	PASS
LTE Band4	3	19965	8	#Max	QAM16	21.16	18.66	PASS
LTE Band4	3	19965	15	#0	QAM16	21.13	18.63	PASS
LTE Band4	3	19965	1	#0	QAM64	22.31	19.81	PASS
LTE Band4	3	19965	1	#Mid	QAM64	22.30	19.80	PASS
LTE Band4	3	19965	1	#Max	QAM64	22.30	19.80	PASS
LTE Band4	3	19965	8	#0	QAM64	21.14	18.64	PASS

LTE Band4	3	19965	8	#Mid	QAM64	21.13	18.63	PASS
LTE Band4	3	19965	8	#Max	QAM64	21.16	18.66	PASS
LTE Band4	3	19965	15	#0	QAM64	21.12	18.62	PASS
LTE Band4	3	20175	1	#0	QPSK	23.01	20.61	PASS
LTE Band4	3	20175	1	#Mid	QPSK	23.04	20.64	PASS
LTE Band4	3	20175	1	#Max	QPSK	23.04	20.64	PASS
LTE Band4	3	20175	8	#0	QPSK	22.10	19.70	PASS
LTE Band4	3	20175	8	#Mid	QPSK	22.10	19.70	PASS
LTE Band4	3	20175	8	#Max	QPSK	22.13	19.73	PASS
LTE Band4	3	20175	15	#0	QPSK	22.09	19.69	PASS
LTE Band4	3	20175	1	#0	QAM16	22.30	19.90	PASS
LTE Band4	3	20175	1	#Mid	QAM16	22.30	19.90	PASS
LTE Band4	3	20175	1	#Max	QAM16	22.24	19.84	PASS
LTE Band4	3	20175	8	#0	QAM16	21.18	18.78	PASS
LTE Band4	3	20175	8	#Mid	QAM16	21.18	18.78	PASS
LTE Band4	3	20175	8	#Max	QAM16	21.14	18.74	PASS
LTE Band4	3	20175	15	#0	QAM16	21.10	18.70	PASS
LTE Band4	3	20175	1	#0	QAM64	22.30	19.90	PASS
LTE Band4	3	20175	1	#Mid	QAM64	22.31	19.91	PASS
LTE Band4	3	20175	1	#Max	QAM64	22.24	19.84	PASS
LTE Band4	3	20175	8	#0	QAM64	21.18	18.78	PASS
LTE Band4	3	20175	8	#Mid	QAM64	21.19	18.79	PASS
LTE Band4	3	20175	8	#Max	QAM64	21.13	18.73	PASS
LTE Band4	3	20175	15	#0	QAM64	21.09	18.69	PASS
LTE Band4	3	20385	1	#0	QPSK	23.08	20.78	PASS
LTE Band4	3	20385	1	#Mid	QPSK	23.09	20.79	PASS
LTE Band4	3	20385	1	#Max	QPSK	23.07	20.77	PASS
LTE Band4	3	20385	8	#0	QPSK	22.01	19.71	PASS
LTE Band4	3	20385	8	#Mid	QPSK	22.00	19.70	PASS
LTE Band4	3	20385	8	#Max	QPSK	22.01	19.71	PASS
LTE Band4	3	20385	15	#0	QPSK	22.04	19.74	PASS
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LTE Band4	3	20385	1	#Mid	QAM16	22.01	19.71	PASS
LTE Band4	3	20385	1	#Max	QAM16	21.98	19.68	PASS
LTE Band4	3	20385	8	#0	QAM16	21.11	18.81	PASS
LTE Band4	3	20385	8	#Mid	QAM16	21.11	18.81	PASS
LTE Band4	3	20385	8	#Max	QAM16	21.11	18.81	PASS
LTE Band4	3	20385	15	#0	QAM16	21.07	18.77	PASS
LTE Band4	3	20385	1	#0	QAM64	21.97	19.67	PASS
LTE Band4	3	20385	1	#Mid	QAM64	22.00	19.70	PASS
LTE Band4	3	20385	1	#Max	QAM64	21.99	19.69	PASS
LTE Band4	3	20385	8	#0	QAM64	21.09	18.79	PASS

LTE Band4	3	20385	8	#Mid	QAM64	21.11	18.81	PASS
LTE Band4	3	20385	8	#Max	QAM64	21.08	18.78	PASS
LTE Band4	3	20385	15	#0	QAM64	21.11	18.81	PASS
LTE Band4	5	19975	1	#0	QPSK	23.13	20.63	PASS
LTE Band4	5	19975	1	#Mid	QPSK	23.21	20.71	PASS
LTE Band4	5	19975	1	#Max	QPSK	23.07	20.57	PASS
LTE Band4	5	19975	12	#0	QPSK	22.17	19.67	PASS
LTE Band4	5	19975	12	#Mid	QPSK	22.18	19.68	PASS
LTE Band4	5	19975	12	#Max	QPSK	22.13	19.63	PASS
LTE Band4	5	19975	25	#0	QPSK	22.09	19.59	PASS
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LTE Band4	5	19975	12	#Mid	QAM16	21.13	18.63	PASS
LTE Band4	5	19975	12	#Max	QAM16	21.11	18.61	PASS
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LTE Band4	5	19975	1	#Max	QAM64	22.32	19.82	PASS
LTE Band4	5	19975	12	#0	QAM64	21.13	18.63	PASS
LTE Band4	5	19975	12	#Mid	QAM64	21.13	18.63	PASS
LTE Band4	5	19975	12	#Max	QAM64	21.11	18.61	PASS
LTE Band4	5	19975	25	#0	QAM64	21.19	18.69	PASS
LTE Band4	5	20175	1	#0	QPSK	23.15	20.75	PASS
LTE Band4	5	20175	1	#Mid	QPSK	23.19	20.79	PASS
LTE Band4	5	20175	1	#Max	QPSK	23.12	20.72	PASS
LTE Band4	5	20175	12	#0	QPSK	22.19	19.79	PASS
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LTE Band4	5	20175	12	#Mid	QAM16	21.18	18.78	PASS
LTE Band4	5	20175	12	#Max	QAM16	21.12	18.72	PASS
LTE Band4	5	20175	25	#0	QAM16	21.14	18.74	PASS
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LTE Band4	5	20175	1	#Mid	QAM64	22.40	20.00	PASS
LTE Band4	5	20175	1	#Max	QAM64	22.29	19.89	PASS
LTE Band4	5	20175	12	#0	QAM64	21.17	18.77	PASS

LTE Band4	5	20175	12	#Mid	QAM64	21.18	18.78	PASS
LTE Band4	5	20175	12	#Max	QAM64	21.14	18.74	PASS
LTE Band4	5	20175	25	#0	QAM64	21.14	18.74	PASS
LTE Band4	5	20375	1	#0	QPSK	23.02	20.72	PASS
LTE Band4	5	20375	1	#Mid	QPSK	23.04	20.74	PASS
LTE Band4	5	20375	1	#Max	QPSK	22.93	20.63	PASS
LTE Band4	5	20375	12	#0	QPSK	22.06	19.76	PASS
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LTE Band4	5	20375	12	#Max	QPSK	22.01	19.71	PASS
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LTE Band4	5	20375	12	#Mid	QAM16	21.13	18.83	PASS
LTE Band4	5	20375	12	#Max	QAM16	21.12	18.82	PASS
LTE Band4	5	20375	25	#0	QAM16	21.07	18.77	PASS
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LTE Band4	5	20375	1	#Max	QAM64	22.28	19.98	PASS
LTE Band4	5	20375	12	#0	QAM64	21.13	18.83	PASS
LTE Band4	5	20375	12	#Mid	QAM64	21.12	18.82	PASS
LTE Band4	5	20375	12	#Max	QAM64	21.13	18.83	PASS
LTE Band4	5	20375	25	#0	QAM64	21.08	18.78	PASS
LTE Band4	10	20000	1	#0	QPSK	23.14	20.64	PASS
LTE Band4	10	20000	1	#Mid	QPSK	23.09	20.59	PASS
LTE Band4	10	20000	1	#Max	QPSK	23.00	20.50	PASS
LTE Band4	10	20000	25	#0	QPSK	22.16	19.66	PASS
LTE Band4	10	20000	25	#Mid	QPSK	22.16	19.66	PASS
LTE Band4	10	20000	25	#Max	QPSK	22.13	19.63	PASS
LTE Band4	10	20000	50	#0	QPSK	22.11	19.61	PASS
LTE Band4	10	20000	1	#0	QAM16	22.36	19.86	PASS
LTE Band4	10	20000	1	#Mid	QAM16	22.37	19.87	PASS
LTE Band4	10	20000	1	#Max	QAM16	22.33	19.83	PASS
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LTE Band4	10	20000	25	#Max	QAM16	21.26	18.76	PASS
LTE Band4	10	20000	50	#0	QAM16	21.18	18.68	PASS
LTE Band4	10	20000	1	#0	QAM64	22.37	19.87	PASS
LTE Band4	10	20000	1	#Mid	QAM64	22.38	19.88	PASS
LTE Band4	10	20000	1	#Max	QAM64	22.37	19.87	PASS
LTE Band4	10	20000	25	#0	QAM64	21.21	18.71	PASS

LTE Band4	10	20000	25	#Mid	QAM64	21.23	18.73	PASS
LTE Band4	10	20000	25	#Max	QAM64	21.26	18.76	PASS
LTE Band4	10	20000	50	#0	QAM64	21.15	18.65	PASS
LTE Band4	10	20175	1	#0	QPSK	23.12	20.72	PASS
LTE Band4	10	20175	1	#Mid	QPSK	23.07	20.67	PASS
LTE Band4	10	20175	1	#Max	QPSK	23.08	20.68	PASS
LTE Band4	10	20175	25	#0	QPSK	22.12	19.72	PASS
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LTE Band4	10	20175	1	#Max	QAM16	22.26	19.86	PASS
LTE Band4	10	20175	25	#0	QAM16	21.21	18.81	PASS
LTE Band4	10	20175	25	#Mid	QAM16	21.21	18.81	PASS
LTE Band4	10	20175	25	#Max	QAM16	21.14	18.74	PASS
LTE Band4	10	20175	50	#0	QAM16	21.14	18.74	PASS
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LTE Band4	10	20350	50	#0	QPSK	22.05	19.75	PASS
LTE Band4	10	20350	1	#0	QAM16	21.93	19.63	PASS
LTE Band4	10	20350	1	#Mid	QAM16	21.97	19.67	PASS
LTE Band4	10	20350	1	#Max	QAM16	21.91	19.61	PASS
LTE Band4	10	20350	25	#0	QAM16	21.10	18.80	PASS
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LTE Band4	10	20350	1	#Mid	QAM64	21.97	19.67	PASS
LTE Band4	10	20350	1	#Max	QAM64	21.89	19.59	PASS
LTE Band4	10	20350	25	#0	QAM64	21.10	18.80	PASS

LTE Band4	10	20350	25	#Mid	QAM64	21.10	18.80	PASS
LTE Band4	10	20350	25	#Max	QAM64	21.09	18.79	PASS
LTE Band4	10	20350	50	#0	QAM64	21.07	18.77	PASS
LTE Band4	15	20025	1	#0	QPSK	23.03	20.53	PASS
LTE Band4	15	20025	1	#Mid	QPSK	23.06	20.56	PASS
LTE Band4	15	20025	1	#Max	QPSK	23.07	20.57	PASS
LTE Band4	15	20025	36	#0	QPSK	22.13	19.63	PASS
LTE Band4	15	20025	36	#Mid	QPSK	22.14	19.64	PASS
LTE Band4	15	20025	36	#Max	QPSK	22.22	19.72	PASS
LTE Band4	15	20025	75	#0	QPSK	22.16	19.66	PASS
LTE Band4	15	20025	1	#0	QAM16	22.33	19.83	PASS
LTE Band4	15	20025	1	#Mid	QAM16	22.39	19.89	PASS
LTE Band4	15	20025	1	#Max	QAM16	22.45	19.95	PASS
LTE Band4	15	20025	36	#0	QAM16	21.24	18.74	PASS
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LTE Band4	15	20025	36	#Max	QAM16	21.29	18.79	PASS
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LTE Band4	15	20025	36	#0	QAM64	21.22	18.72	PASS
LTE Band4	15	20025	36	#Mid	QAM64	21.20	18.70	PASS
LTE Band4	15	20025	36	#Max	QAM64	21.29	18.79	PASS
LTE Band4	15	20025	75	#0	QAM64	21.29	18.79	PASS
LTE Band4	15	20175	1	#0	QPSK	23.04	20.64	PASS
LTE Band4	15	20175	1	#Mid	QPSK	23.08	20.68	PASS
LTE Band4	15	20175	1	#Max	QPSK	23.01	20.61	PASS
LTE Band4	15	20175	36	#0	QPSK	22.09	19.69	PASS
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LTE Band4	15	20175	36	#Max	QPSK	22.09	19.69	PASS
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LTE Band4	15	20175	36	#Max	QAM16	21.21	18.81	PASS
LTE Band4	15	20175	75	#0	QAM16	21.20	18.80	PASS
LTE Band4	15	20175	1	#0	QAM64	22.30	19.90	PASS
LTE Band4	15	20175	1	#Mid	QAM64	22.28	19.88	PASS
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LTE Band4	15	20175	36	#0	QAM64	21.22	18.82	PASS

LTE Band4	15	20175	36	#Mid	QAM64	21.20	18.80	PASS
LTE Band4	15	20175	36	#Max	QAM64	21.19	18.79	PASS
LTE Band4	15	20175	75	#0	QAM64	21.20	18.80	PASS
LTE Band4	15	20325	1	#0	QPSK	23.14	20.84	PASS
LTE Band4	15	20325	1	#Mid	QPSK	23.11	20.81	PASS
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LTE Band4	20	20050	1	#Max	QAM16	22.38	19.98	PASS
LTE Band4	20	20050	50	#0	QAM16	21.21	18.81	PASS
LTE Band4	20	20050	50	#Mid	QAM16	21.20	18.80	PASS
LTE Band4	20	20050	50	#Max	QAM16	21.27	18.87	PASS
LTE Band4	20	20050	100	#0	QAM16	21.26	18.86	PASS
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LTE Band4	20	20050	1	#Mid	QAM64	22.31	19.91	PASS
LTE Band4	20	20050	1	#Max	QAM64	22.38	19.98	PASS
LTE Band4	20	20050	50	#0	QAM64	21.21	18.81	PASS

LTE Band4	20	20050	50	#Mid	QAM64	21.18	18.78	PASS
LTE Band4	20	20050	50	#Max	QAM64	21.28	18.88	PASS
LTE Band4	20	20050	100	#0	QAM64	21.28	18.88	PASS
LTE Band4	20	20175	1	#0	QPSK	23.13	20.73	PASS
LTE Band4	20	20175	1	#Mid	QPSK	23.17	20.77	PASS
LTE Band4	20	20175	1	#Max	QPSK	23.15	20.75	PASS
LTE Band4	20	20175	50	#0	QPSK	22.13	19.73	PASS
LTE Band4	20	20175	50	#Mid	QPSK	22.13	19.73	PASS
LTE Band4	20	20175	50	#Max	QPSK	22.07	19.67	PASS
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LTE Band4	20	20175	50	#Max	QAM16	21.12	18.72	PASS
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LTE Band4	20	20175	1	#0	QAM64	22.02	19.62	PASS
LTE Band4	20	20175	1	#Mid	QAM64	22.05	19.65	PASS
LTE Band4	20	20175	1	#Max	QAM64	21.94	19.54	PASS
LTE Band4	20	20175	50	#0	QAM64	21.19	18.79	PASS
LTE Band4	20	20175	50	#Mid	QAM64	21.19	18.79	PASS
LTE Band4	20	20175	50	#Max	QAM64	21.13	18.73	PASS
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LTE Band4	20	20300	1	#Mid	QPSK	23.05	20.75	PASS
LTE Band4	20	20300	1	#Max	QPSK	22.93	20.63	PASS
LTE Band4	20	20300	50	#0	QPSK	22.07	19.77	PASS
LTE Band4	20	20300	50	#Mid	QPSK	22.07	19.77	PASS
LTE Band4	20	20300	50	#Max	QPSK	22.03	19.73	PASS
LTE Band4	20	20300	100	#0	QPSK	22.03	19.73	PASS
LTE Band4	20	20300	1	#0	QAM16	21.81	19.51	PASS
LTE Band4	20	20300	1	#Mid	QAM16	21.83	19.53	PASS
LTE Band4	20	20300	1	#Max	QAM16	21.81	19.51	PASS
LTE Band4	20	20300	50	#0	QAM16	21.10	18.80	PASS
LTE Band4	20	20300	50	#Mid	QAM16	21.11	18.81	PASS
LTE Band4	20	20300	50	#Max	QAM16	21.13	18.83	PASS
LTE Band4	20	20300	100	#0	QAM16	21.08	18.78	PASS
LTE Band4	20	20300	1	#0	QAM64	21.82	19.52	PASS
LTE Band4	20	20300	1	#Mid	QAM64	21.83	19.53	PASS
LTE Band4	20	20300	1	#Max	QAM64	21.80	19.50	PASS
LTE Band4	20	20300	50	#0	QAM64	21.10	18.80	PASS

LTE Band4	20	20300	50	#Mid	QAM64	21.11	18.81	PASS
LTE Band4	20	20300	50	#Max	QAM64	21.14	18.84	PASS
LTE Band4	20	20300	100	#0	QAM64	21.06	18.76	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)	Verdict
LTE Band7	5	20775	1	#0	QPSK	23.11	23.01	PASS
LTE Band7	5	20775	1	#Mid	QPSK	23.16	23.06	PASS
LTE Band7	5	20775	1	#Max	QPSK	23.13	23.03	PASS
LTE Band7	5	20775	12	#0	QPSK	22.09	21.99	PASS
LTE Band7	5	20775	12	#Mid	QPSK	22.11	22.01	PASS
LTE Band7	5	20775	12	#Max	QPSK	22.11	22.01	PASS
LTE Band7	5	20775	25	#0	QPSK	22.08	21.98	PASS
LTE Band7	5	20775	1	#0	QAM16	22.28	22.18	PASS
LTE Band7	5	20775	1	#Mid	QAM16	22.36	22.26	PASS
LTE Band7	5	20775	1	#Max	QAM16	22.28	22.18	PASS
LTE Band7	5	20775	12	#0	QAM16	21.13	21.03	PASS
LTE Band7	5	20775	12	#Mid	QAM16	21.13	21.03	PASS
LTE Band7	5	20775	12	#Max	QAM16	21.12	21.02	PASS
LTE Band7	5	20775	25	#0	QAM16	21.11	21.01	PASS
LTE Band7	5	20775	1	#0	QAM64	22.29	22.19	PASS
LTE Band7	5	20775	1	#Mid	QAM64	22.37	22.27	PASS
LTE Band7	5	20775	1	#Max	QAM64	22.29	22.19	PASS
LTE Band7	5	20775	12	#0	QAM64	21.12	21.02	PASS
LTE Band7	5	20775	12	#Mid	QAM64	21.13	21.03	PASS
LTE Band7	5	20775	12	#Max	QAM64	21.12	21.02	PASS
LTE Band7	5	20775	25	#0	QAM64	21.11	21.01	PASS
LTE Band7	5	21100	1	#0	QPSK	22.59	22.39	PASS
LTE Band7	5	21100	1	#Mid	QPSK	22.64	22.44	PASS
LTE Band7	5	21100	1	#Max	QPSK	22.60	22.40	PASS
LTE Band7	5	21100	12	#0	QPSK	21.68	21.48	PASS
LTE Band7	5	21100	12	#Mid	QPSK	21.67	21.47	PASS
LTE Band7	5	21100	12	#Max	QPSK	21.70	21.50	PASS
LTE Band7	5	21100	25	#0	QPSK	21.70	21.50	PASS
LTE Band7	5	21100	1	#0	QAM16	21.92	21.72	PASS
LTE Band7	5	21100	1	#Mid	QAM16	22.02	21.82	PASS
LTE Band7	5	21100	1	#Max	QAM16	21.97	21.77	PASS
LTE Band7	5	21100	12	#0	QAM16	20.77	20.57	PASS
LTE Band7	5	21100	12	#Mid	QAM16	20.78	20.58	PASS
LTE Band7	5	21100	12	#Max	QAM16	20.80	20.60	PASS
LTE Band7	5	21100	25	#0	QAM16	20.78	20.58	PASS
LTE Band7	5	21100	1	#0	QAM64	21.91	21.71	PASS
LTE Band7	5	21100	1	#Mid	QAM64	22.01	21.81	PASS

LTE Band7	5	21100	1	#Max	QAM64	21.96	21.76	PASS
LTE Band7	5	21100	12	#0	QAM64	20.78	20.58	PASS
LTE Band7	5	21100	12	#Mid	QAM64	20.77	20.57	PASS
LTE Band7	5	21100	12	#Max	QAM64	20.78	20.58	PASS
LTE Band7	5	21100	25	#0	QAM64	20.78	20.58	PASS
LTE Band7	5	21425	1	#0	QPSK	22.66	22.96	PASS
LTE Band7	5	21425	1	#Mid	QPSK	22.74	23.04	PASS
LTE Band7	5	21425	1	#Max	QPSK	22.64	22.94	PASS
LTE Band7	5	21425	12	#0	QPSK	21.77	22.07	PASS
LTE Band7	5	21425	12	#Mid	QPSK	21.76	22.06	PASS
LTE Band7	5	21425	12	#Max	QPSK	21.73	22.03	PASS
LTE Band7	5	21425	25	#0	QPSK	21.72	22.02	PASS
LTE Band7	5	21425	1	#0	QAM16	22.04	22.34	PASS
LTE Band7	5	21425	1	#Mid	QAM16	22.09	22.39	PASS
LTE Band7	5	21425	1	#Max	QAM16	21.98	22.28	PASS
LTE Band7	5	21425	12	#0	QAM16	20.76	21.06	PASS
LTE Band7	5	21425	12	#Mid	QAM16	20.79	21.09	PASS
LTE Band7	5	21425	12	#Max	QAM16	20.75	21.05	PASS
LTE Band7	5	21425	25	#0	QAM16	20.83	21.13	PASS
LTE Band7	5	21425	1	#0	QAM64	22.02	22.32	PASS
LTE Band7	5	21425	1	#Mid	QAM64	22.08	22.38	PASS
LTE Band7	5	21425	1	#Max	QAM64	21.96	22.26	PASS
LTE Band7	5	21425	12	#0	QAM64	20.78	21.08	PASS
LTE Band7	5	21425	12	#Mid	QAM64	20.79	21.09	PASS
LTE Band7	5	21425	12	#Max	QAM64	20.75	21.05	PASS
LTE Band7	5	21425	25	#0	QAM64	20.88	21.18	PASS
LTE Band7	10	20800	1	#0	QPSK	23.03	22.93	PASS
LTE Band7	10	20800	1	#Mid	QPSK	22.97	22.87	PASS
LTE Band7	10	20800	1	#Max	QPSK	22.99	22.89	PASS
LTE Band7	10	20800	25	#0	QPSK	22.09	21.99	PASS
LTE Band7	10	20800	25	#Mid	QPSK	22.08	21.98	PASS
LTE Band7	10	20800	25	#Max	QPSK	22.07	21.97	PASS
LTE Band7	10	20800	50	#0	QPSK	22.02	21.92	PASS
LTE Band7	10	20800	1	#0	QAM16	22.33	22.23	PASS
LTE Band7	10	20800	1	#Mid	QAM16	22.33	22.23	PASS
LTE Band7	10	20800	1	#Max	QAM16	22.32	22.22	PASS
LTE Band7	10	20800	25	#0	QAM16	21.20	21.10	PASS
LTE Band7	10	20800	25	#Mid	QAM16	21.21	21.11	PASS
LTE Band7	10	20800	25	#Max	QAM16	21.20	21.10	PASS
LTE Band7	10	20800	50	#0	QAM16	21.13	21.03	PASS
LTE Band7	10	20800	1	#0	QAM64	22.34	22.24	PASS
LTE Band7	10	20800	1	#Mid	QAM64	22.33	22.23	PASS
LTE Band7	10	20800	1	#Max	QAM64	22.34	22.24	PASS

LTE Band7	10	20800	25	#0	QAM64	21.21	21.11	PASS
LTE Band7	10	20800	25	#Mid	QAM64	21.21	21.11	PASS
LTE Band7	10	20800	25	#Max	QAM64	21.19	21.09	PASS
LTE Band7	10	20800	50	#0	QAM64	21.14	21.04	PASS
LTE Band7	10	21100	1	#0	QPSK	22.65	22.45	PASS
LTE Band7	10	21100	1	#Mid	QPSK	22.64	22.44	PASS
LTE Band7	10	21100	1	#Max	QPSK	22.66	22.46	PASS
LTE Band7	10	21100	25	#0	QPSK	21.70	21.50	PASS
LTE Band7	10	21100	25	#Mid	QPSK	21.71	21.51	PASS
LTE Band7	10	21100	25	#Max	QPSK	21.72	21.52	PASS
LTE Band7	10	21100	50	#0	QPSK	21.72	21.52	PASS
LTE Band7	10	21100	1	#0	QAM16	21.89	21.69	PASS
LTE Band7	10	21100	1	#Mid	QAM16	21.88	21.68	PASS
LTE Band7	10	21100	1	#Max	QAM16	21.89	21.69	PASS
LTE Band7	10	21100	25	#0	QAM16	20.82	20.62	PASS
LTE Band7	10	21100	25	#Mid	QAM16	20.81	20.61	PASS
LTE Band7	10	21100	25	#Max	QAM16	20.83	20.63	PASS
LTE Band7	10	21100	50	#0	QAM16	20.76	20.56	PASS
LTE Band7	10	21100	1	#0	QAM64	21.90	21.70	PASS
LTE Band7	10	21100	1	#Mid	QAM64	21.88	21.68	PASS
LTE Band7	10	21100	1	#Max	QAM64	21.91	21.71	PASS
LTE Band7	10	21100	25	#0	QAM64	20.81	20.61	PASS
LTE Band7	10	21100	25	#Mid	QAM64	20.81	20.61	PASS
LTE Band7	10	21100	25	#Max	QAM64	20.84	20.64	PASS
LTE Band7	10	21100	50	#0	QAM64	20.77	20.57	PASS
LTE Band7	10	21400	1	#0	QPSK	22.84	23.14	PASS
LTE Band7	10	21400	1	#Mid	QPSK	22.78	23.08	PASS
LTE Band7	10	21400	1	#Max	QPSK	22.79	23.09	PASS
LTE Band7	10	21400	25	#0	QPSK	21.76	22.06	PASS
LTE Band7	10	21400	25	#Mid	QPSK	21.79	22.09	PASS
LTE Band7	10	21400	25	#Max	QPSK	21.75	22.05	PASS
LTE Band7	10	21400	50	#0	QPSK	21.79	22.09	PASS
LTE Band7	10	21400	1	#0	QAM16	21.73	22.03	PASS
LTE Band7	10	21400	1	#Mid	QAM16	21.68	21.98	PASS
LTE Band7	10	21400	1	#Max	QAM16	21.62	21.92	PASS
LTE Band7	10	21400	25	#0	QAM16	20.87	21.17	PASS
LTE Band7	10	21400	25	#Mid	QAM16	20.86	21.16	PASS
LTE Band7	10	21400	25	#Max	QAM16	20.80	21.10	PASS
LTE Band7	10	21400	50	#0	QAM16	20.87	21.17	PASS
LTE Band7	10	21400	1	#0	QAM64	21.73	22.03	PASS
LTE Band7	10	21400	1	#Mid	QAM64	21.68	21.98	PASS
LTE Band7	10	21400	1	#Max	QAM64	21.63	21.93	PASS
LTE Band7	10	21400	25	#0	QAM64	20.86	21.16	PASS

LTE Band7	10	21400	25	#Mid	QAM64	20.82	21.12	PASS
LTE Band7	10	21400	25	#Max	QAM64	20.82	21.12	PASS
LTE Band7	10	21400	50	#0	QAM64	20.84	21.14	PASS
LTE Band7	15	20825	1	#0	QPSK	23.01	22.91	PASS
LTE Band7	15	20825	1	#Mid	QPSK	22.98	22.88	PASS
LTE Band7	15	20825	1	#Max	QPSK	22.98	22.88	PASS
LTE Band7	15	20825	36	#0	QPSK	22.08	21.98	PASS
LTE Band7	15	20825	36	#Mid	QPSK	22.07	21.97	PASS
LTE Band7	15	20825	36	#Max	QPSK	22.08	21.98	PASS
LTE Band7	15	20825	75	#0	QPSK	22.02	21.92	PASS
LTE Band7	15	20825	1	#0	QAM16	22.30	22.20	PASS
LTE Band7	15	20825	1	#Mid	QAM16	22.29	22.19	PASS
LTE Band7	15	20825	1	#Max	QAM16	22.30	22.20	PASS
LTE Band7	15	20825	36	#0	QAM16	21.16	21.06	PASS
LTE Band7	15	20825	36	#Mid	QAM16	21.16	21.06	PASS
LTE Band7	15	20825	36	#Max	QAM16	21.10	21.00	PASS
LTE Band7	15	20825	75	#0	QAM16	21.14	21.04	PASS
LTE Band7	15	20825	1	#0	QAM64	22.31	22.21	PASS
LTE Band7	15	20825	1	#Mid	QAM64	22.30	22.20	PASS
LTE Band7	15	20825	1	#Max	QAM64	22.29	22.19	PASS
LTE Band7	15	20825	36	#0	QAM64	21.15	21.05	PASS
LTE Band7	15	20825	36	#Mid	QAM64	21.16	21.06	PASS
LTE Band7	15	20825	36	#Max	QAM64	21.11	21.01	PASS
LTE Band7	15	20825	75	#0	QAM64	21.14	21.04	PASS
LTE Band7	15	21100	1	#0	QPSK	22.63	22.43	PASS
LTE Band7	15	21100	1	#Mid	QPSK	22.61	22.41	PASS
LTE Band7	15	21100	1	#Max	QPSK	22.68	22.48	PASS
LTE Band7	15	21100	36	#0	QPSK	21.68	21.48	PASS
LTE Band7	15	21100	36	#Mid	QPSK	21.68	21.48	PASS
LTE Band7	15	21100	36	#Max	QPSK	21.72	21.52	PASS
LTE Band7	15	21100	75	#0	QPSK	21.68	21.48	PASS
LTE Band7	15	21100	1	#0	QAM16	21.89	21.69	PASS
LTE Band7	15	21100	1	#Mid	QAM16	21.89	21.69	PASS
LTE Band7	15	21100	1	#Max	QAM16	21.93	21.73	PASS
LTE Band7	15	21100	36	#0	QAM16	20.79	20.59	PASS
LTE Band7	15	21100	36	#Mid	QAM16	20.80	20.60	PASS
LTE Band7	15	21100	36	#Max	QAM16	20.78	20.58	PASS
LTE Band7	15	21100	75	#0	QAM16	20.80	20.60	PASS
LTE Band7	15	21100	1	#0	QAM64	21.89	21.69	PASS
LTE Band7	15	21100	1	#Mid	QAM64	21.89	21.69	PASS
LTE Band7	15	21100	1	#Max	QAM64	21.94	21.74	PASS
LTE Band7	15	21100	36	#0	QAM64	20.79	20.59	PASS
LTE Band7	15	21100	36	#Mid	QAM64	20.76	20.56	PASS

LTE Band7	15	21100	36	#Max	QAM64	20.78	20.58	PASS
LTE Band7	15	21100	75	#0	QAM64	20.81	20.61	PASS
LTE Band7	15	21375	1	#0	QPSK	22.90	23.20	PASS
LTE Band7	15	21375	1	#Mid	QPSK	22.78	23.08	PASS
LTE Band7	15	21375	1	#Max	QPSK	22.79	23.09	PASS
LTE Band7	15	21375	36	#0	QPSK	21.84	22.14	PASS
LTE Band7	15	21375	36	#Mid	QPSK	21.83	22.13	PASS
LTE Band7	15	21375	36	#Max	QPSK	21.71	22.01	PASS
LTE Band7	15	21375	75	#0	QPSK	21.76	22.06	PASS
LTE Band7	15	21375	1	#0	QAM16	21.94	22.24	PASS
LTE Band7	15	21375	1	#Mid	QAM16	21.85	22.15	PASS
LTE Band7	15	21375	1	#Max	QAM16	21.78	22.08	PASS
LTE Band7	15	21375	36	#0	QAM16	20.93	21.23	PASS
LTE Band7	15	21375	36	#Mid	QAM16	20.90	21.20	PASS
LTE Band7	15	21375	36	#Max	QAM16	20.79	21.09	PASS
LTE Band7	15	21375	75	#0	QAM16	20.89	21.19	PASS
LTE Band7	15	21375	1	#0	QAM64	21.91	22.21	PASS
LTE Band7	15	21375	1	#Mid	QAM64	21.85	22.15	PASS
LTE Band7	15	21375	1	#Max	QAM64	21.79	22.09	PASS
LTE Band7	15	21375	36	#0	QAM64	20.91	21.21	PASS
LTE Band7	15	21375	36	#Mid	QAM64	20.91	21.21	PASS
LTE Band7	15	21375	36	#Max	QAM64	20.81	21.11	PASS
LTE Band7	15	21375	75	#0	QAM64	20.88	21.18	PASS
LTE Band7	20	20850	1	#0	QPSK	23.07	23.07	PASS
LTE Band7	20	20850	1	#Mid	QPSK	23.00	23.00	PASS
LTE Band7	20	20850	1	#Max	QPSK	22.90	22.90	PASS
LTE Band7	20	20850	50	#0	QPSK	22.09	22.09	PASS
LTE Band7	20	20850	50	#Mid	QPSK	22.09	22.09	PASS
LTE Band7	20	20850	50	#Max	QPSK	22.03	22.03	PASS
LTE Band7	20	20850	100	#0	QPSK	22.02	22.02	PASS
LTE Band7	20	20850	1	#0	QAM16	22.22	22.22	PASS
LTE Band7	20	20850	1	#Mid	QAM16	22.22	22.22	PASS
LTE Band7	20	20850	1	#Max	QAM16	22.06	22.06	PASS
LTE Band7	20	20850	50	#0	QAM16	21.14	21.14	PASS
LTE Band7	20	20850	50	#Mid	QAM16	21.14	21.14	PASS
LTE Band7	20	20850	50	#Max	QAM16	21.12	21.12	PASS
LTE Band7	20	20850	100	#0	QAM16	21.10	21.10	PASS
LTE Band7	20	20850	1	#0	QAM64	22.24	22.24	PASS
LTE Band7	20	20850	1	#Mid	QAM64	22.20	22.20	PASS
LTE Band7	20	20850	1	#Max	QAM64	22.07	22.07	PASS
LTE Band7	20	20850	50	#0	QAM64	21.14	21.14	PASS
LTE Band7	20	20850	50	#Mid	QAM64	21.14	21.14	PASS
LTE Band7	20	20850	50	#Max	QAM64	21.08	21.08	PASS

LTE Band7	20	20850	100	#0	QAM64	21.11	21.11	PASS
LTE Band7	20	21100	1	#0	QPSK	22.75	22.55	PASS
LTE Band7	20	21100	1	#Mid	QPSK	22.75	22.55	PASS
LTE Band7	20	21100	1	#Max	QPSK	22.83	22.63	PASS
LTE Band7	20	21100	50	#0	QPSK	21.73	21.53	PASS
LTE Band7	20	21100	50	#Mid	QPSK	21.72	21.52	PASS
LTE Band7	20	21100	50	#Max	QPSK	21.75	21.55	PASS
LTE Band7	20	21100	100	#0	QPSK	21.73	21.53	PASS
LTE Band7	20	21100	1	#0	QAM16	21.64	21.44	PASS
LTE Band7	20	21100	1	#Mid	QAM16	21.61	21.41	PASS
LTE Band7	20	21100	1	#Max	QAM16	21.63	21.43	PASS
LTE Band7	20	21100	50	#0	QAM16	20.78	20.58	PASS
LTE Band7	20	21100	50	#Mid	QAM16	20.77	20.57	PASS
LTE Band7	20	21100	50	#Max	QAM16	20.81	20.61	PASS
LTE Band7	20	21100	100	#0	QAM16	20.81	20.61	PASS
LTE Band7	20	21100	1	#0	QAM64	21.63	21.43	PASS
LTE Band7	20	21100	1	#Mid	QAM64	21.61	21.41	PASS
LTE Band7	20	21100	1	#Max	QAM64	21.63	21.43	PASS
LTE Band7	20	21100	50	#0	QAM64	20.77	20.57	PASS
LTE Band7	20	21100	50	#Mid	QAM64	20.74	20.54	PASS
LTE Band7	20	21100	50	#Max	QAM64	20.81	20.61	PASS
LTE Band7	20	21100	100	#0	QAM64	20.81	20.61	PASS
LTE Band7	20	21350	1	#0	QPSK	22.84	23.14	PASS
LTE Band7	20	21350	1	#Mid	QPSK	22.73	23.03	PASS
LTE Band7	20	21350	1	#Max	QPSK	22.68	22.98	PASS
LTE Band7	20	21350	50	#0	QPSK	21.85	22.15	PASS
LTE Band7	20	21350	50	#Mid	QPSK	21.83	22.13	PASS
LTE Band7	20	21350	50	#Max	QPSK	21.80	22.10	PASS
LTE Band7	20	21350	100	#0	QPSK	21.81	22.11	PASS
LTE Band7	20	21350	1	#0	QAM16	21.62	21.92	PASS
LTE Band7	20	21350	1	#Mid	QAM16	21.56	21.86	PASS
LTE Band7	20	21350	1	#Max	QAM16	21.43	21.73	PASS
LTE Band7	20	21350	50	#0	QAM16	20.98	21.28	PASS
LTE Band7	20	21350	50	#Mid	QAM16	20.98	21.28	PASS
LTE Band7	20	21350	50	#Max	QAM16	20.91	21.21	PASS
LTE Band7	20	21350	100	#0	QAM16	20.91	21.21	PASS
LTE Band7	20	21350	1	#0	QAM64	21.64	21.94	PASS
LTE Band7	20	21350	1	#Mid	QAM64	21.56	21.86	PASS
LTE Band7	20	21350	1	#Max	QAM64	21.46	21.76	PASS
LTE Band7	20	21350	50	#0	QAM64	21.01	21.31	PASS
LTE Band7	20	21350	50	#Mid	QAM64	21.02	21.32	PASS
LTE Band7	20	21350	50	#Max	QAM64	20.90	21.20	PASS
LTE Band7	20	21350	100	#0	QAM64	20.91	21.21	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)	Verdict
LTE Band38	5	37775	1	#0	QPSK	22.76	22.86	PASS
LTE Band38	5	37775	1	#Mid	QPSK	22.80	22.90	PASS
LTE Band38	5	37775	1	#Max	QPSK	22.76	22.86	PASS
LTE Band38	5	37775	12	#0	QPSK	21.75	21.85	PASS
LTE Band38	5	37775	12	#Mid	QPSK	21.76	21.86	PASS
LTE Band38	5	37775	12	#Max	QPSK	21.83	21.93	PASS
LTE Band38	5	37775	25	#0	QPSK	21.82	21.92	PASS
LTE Band38	5	37775	1	#0	QAM16	22.23	22.33	PASS
LTE Band38	5	37775	1	#Mid	QAM16	22.27	22.37	PASS
LTE Band38	5	37775	1	#Max	QAM16	22.14	22.24	PASS
LTE Band38	5	37775	12	#0	QAM16	20.85	20.95	PASS
LTE Band38	5	37775	12	#Mid	QAM16	20.86	20.96	PASS
LTE Band38	5	37775	12	#Max	QAM16	20.85	20.95	PASS
LTE Band38	5	37775	25	#0	QAM16	20.91	21.01	PASS
LTE Band38	5	37775	1	#0	QAM64	22.21	22.31	PASS
LTE Band38	5	37775	1	#Mid	QAM64	22.25	22.35	PASS
LTE Band38	5	37775	1	#Max	QAM64	22.12	22.22	PASS
LTE Band38	5	37775	12	#0	QAM64	20.85	20.95	PASS
LTE Band38	5	37775	12	#Mid	QAM64	20.84	20.94	PASS
LTE Band38	5	37775	12	#Max	QAM64	20.87	20.97	PASS
LTE Band38	5	37775	25	#0	QAM64	20.92	21.02	PASS
LTE Band38	5	38000	1	#0	QPSK	22.78	22.88	PASS
LTE Band38	5	38000	1	#Mid	QPSK	22.81	22.91	PASS
LTE Band38	5	38000	1	#Max	QPSK	22.77	22.87	PASS
LTE Band38	5	38000	12	#0	QPSK	21.85	21.95	PASS
LTE Band38	5	38000	12	#Mid	QPSK	21.84	21.94	PASS
LTE Band38	5	38000	12	#Max	QPSK	21.81	21.91	PASS
LTE Band38	5	38000	25	#0	QPSK	21.78	21.88	PASS
LTE Band38	5	38000	1	#0	QAM16	21.99	22.09	PASS
LTE Band38	5	38000	1	#Mid	QAM16	22.10	22.20	PASS
LTE Band38	5	38000	1	#Max	QAM16	22.02	22.12	PASS
LTE Band38	5	38000	12	#0	QAM16	20.90	21.00	PASS
LTE Band38	5	38000	12	#Mid	QAM16	20.86	20.96	PASS
LTE Band38	5	38000	12	#Max	QAM16	20.90	21.00	PASS
LTE Band38	5	38000	25	#0	QAM16	20.86	20.96	PASS
LTE Band38	5	38000	1	#0	QAM64	21.99	22.09	PASS
LTE Band38	5	38000	1	#Mid	QAM64	22.09	22.19	PASS
LTE Band38	5	38000	1	#Max	QAM64	22.03	22.13	PASS
LTE Band38	5	38000	12	#0	QAM64	20.85	20.95	PASS
LTE Band38	5	38000	12	#Mid	QAM64	20.88	20.98	PASS

LTE Band38	5	38000	12	#Max	QAM64	20.90	21.00	PASS
LTE Band38	5	38000	25	#0	QAM64	20.87	20.97	PASS
LTE Band38	5	38225	1	#0	QPSK	22.65	22.85	PASS
LTE Band38	5	38225	1	#Mid	QPSK	22.71	22.91	PASS
LTE Band38	5	38225	1	#Max	QPSK	22.59	22.79	PASS
LTE Band38	5	38225	12	#0	QPSK	21.70	21.90	PASS
LTE Band38	5	38225	12	#Mid	QPSK	21.70	21.90	PASS
LTE Band38	5	38225	12	#Max	QPSK	21.78	21.98	PASS
LTE Band38	5	38225	25	#0	QPSK	21.81	22.01	PASS
LTE Band38	5	38225	1	#0	QAM16	22.05	22.25	PASS
LTE Band38	5	38225	1	#Mid	QAM16	22.18	22.38	PASS
LTE Band38	5	38225	1	#Max	QAM16	22.05	22.25	PASS
LTE Band38	5	38225	12	#0	QAM16	20.91	21.11	PASS
LTE Band38	5	38225	12	#Mid	QAM16	20.93	21.13	PASS
LTE Band38	5	38225	12	#Max	QAM16	20.88	21.08	PASS
LTE Band38	5	38225	25	#0	QAM16	20.91	21.11	PASS
LTE Band38	5	38225	1	#0	QAM64	22.08	22.28	PASS
LTE Band38	5	38225	1	#Mid	QAM64	22.15	22.35	PASS
LTE Band38	5	38225	1	#Max	QAM64	22.07	22.27	PASS
LTE Band38	5	38225	12	#0	QAM64	20.92	21.12	PASS
LTE Band38	5	38225	12	#Mid	QAM64	20.92	21.12	PASS
LTE Band38	5	38225	12	#Max	QAM64	20.88	21.08	PASS
LTE Band38	5	38225	25	#0	QAM64	20.89	21.09	PASS
LTE Band38	10	37800	1	#0	QPSK	22.76	22.86	PASS
LTE Band38	10	37800	1	#Mid	QPSK	22.71	22.81	PASS
LTE Band38	10	37800	1	#Max	QPSK	22.67	22.77	PASS
LTE Band38	10	37800	25	#0	QPSK	21.85	21.95	PASS
LTE Band38	10	37800	25	#Mid	QPSK	21.88	21.98	PASS
LTE Band38	10	37800	25	#Max	QPSK	21.81	21.91	PASS
LTE Band38	10	37800	50	#0	QPSK	21.85	21.95	PASS
LTE Band38	10	37800	1	#0	QAM16	22.25	22.35	PASS
LTE Band38	10	37800	1	#Mid	QAM16	22.20	22.30	PASS
LTE Band38	10	37800	1	#Max	QAM16	22.19	22.29	PASS
LTE Band38	10	37800	25	#0	QAM16	21.02	21.12	PASS
LTE Band38	10	37800	25	#Mid	QAM16	21.03	21.13	PASS
LTE Band38	10	37800	25	#Max	QAM16	20.96	21.06	PASS
LTE Band38	10	37800	50	#0	QAM16	20.93	21.03	PASS
LTE Band38	10	37800	1	#0	QAM64	22.23	22.33	PASS
LTE Band38	10	37800	1	#Mid	QAM64	22.20	22.30	PASS
LTE Band38	10	37800	1	#Max	QAM64	22.17	22.27	PASS
LTE Band38	10	37800	25	#0	QAM64	21.02	21.12	PASS
LTE Band38	10	37800	25	#Mid	QAM64	21.01	21.11	PASS
LTE Band38	10	37800	25	#Max	QAM64	20.96	21.06	PASS

LTE Band38	10	37800	50	#0	QAM64	20.94	21.04	PASS
LTE Band38	10	38000	1	#0	QPSK	22.75	22.85	PASS
LTE Band38	10	38000	1	#Mid	QPSK	22.74	22.84	PASS
LTE Band38	10	38000	1	#Max	QPSK	22.73	22.83	PASS
LTE Band38	10	38000	25	#0	QPSK	21.84	21.94	PASS
LTE Band38	10	38000	25	#Mid	QPSK	21.84	21.94	PASS
LTE Band38	10	38000	25	#Max	QPSK	21.82	21.92	PASS
LTE Band38	10	38000	50	#0	QPSK	21.83	21.93	PASS
LTE Band38	10	38000	1	#0	QAM16	21.90	22.00	PASS
LTE Band38	10	38000	1	#Mid	QAM16	21.88	21.98	PASS
LTE Band38	10	38000	1	#Max	QAM16	21.87	21.97	PASS
LTE Band38	10	38000	25	#0	QAM16	20.96	21.06	PASS
LTE Band38	10	38000	25	#Mid	QAM16	20.96	21.06	PASS
LTE Band38	10	38000	25	#Max	QAM16	20.93	21.03	PASS
LTE Band38	10	38000	50	#0	QAM16	20.90	21.00	PASS
LTE Band38	10	38000	1	#0	QAM64	21.91	22.01	PASS
LTE Band38	10	38000	1	#Mid	QAM64	21.86	21.96	PASS
LTE Band38	10	38000	1	#Max	QAM64	21.87	21.97	PASS
LTE Band38	10	38000	25	#0	QAM64	20.97	21.07	PASS
LTE Band38	10	38000	25	#Mid	QAM64	20.96	21.06	PASS
LTE Band38	10	38000	25	#Max	QAM64	20.91	21.01	PASS
LTE Band38	10	38000	50	#0	QAM64	20.88	20.98	PASS
LTE Band38	10	38200	1	#0	QPSK	22.73	22.93	PASS
LTE Band38	10	38200	1	#Mid	QPSK	22.74	22.94	PASS
LTE Band38	10	38200	1	#Max	QPSK	22.73	22.93	PASS
LTE Band38	10	38200	25	#0	QPSK	21.73	21.93	PASS
LTE Band38	10	38200	25	#Mid	QPSK	21.73	21.93	PASS
LTE Band38	10	38200	25	#Max	QPSK	21.79	21.99	PASS
LTE Band38	10	38200	50	#0	QPSK	21.80	22.00	PASS
LTE Band38	10	38200	1	#0	QAM16	21.73	21.93	PASS
LTE Band38	10	38200	1	#Mid	QAM16	21.72	21.92	PASS
LTE Band38	10	38200	1	#Max	QAM16	21.78	21.98	PASS
LTE Band38	10	38200	25	#0	QAM16	20.84	21.04	PASS
LTE Band38	10	38200	25	#Mid	QAM16	20.84	21.04	PASS
LTE Band38	10	38200	25	#Max	QAM16	20.90	21.10	PASS
LTE Band38	10	38200	50	#0	QAM16	20.88	21.08	PASS
LTE Band38	10	38200	1	#0	QAM64	21.72	21.92	PASS
LTE Band38	10	38200	1	#Mid	QAM64	21.72	21.92	PASS
LTE Band38	10	38200	1	#Max	QAM64	21.77	21.97	PASS
LTE Band38	10	38200	25	#0	QAM64	20.85	21.05	PASS
LTE Band38	10	38200	25	#Mid	QAM64	20.84	21.04	PASS
LTE Band38	10	38200	25	#Max	QAM64	20.90	21.10	PASS
LTE Band38	10	38200	50	#0	QAM64	20.88	21.08	PASS

LTE Band38	15	37825	1	#0	QPSK	22.79	22.89	PASS
LTE Band38	15	37825	1	#Mid	QPSK	22.65	22.75	PASS
LTE Band38	15	37825	1	#Max	QPSK	22.78	22.88	PASS
LTE Band38	15	37825	36	#0	QPSK	21.79	21.89	PASS
LTE Band38	15	37825	36	#Mid	QPSK	21.82	21.92	PASS
LTE Band38	15	37825	36	#Max	QPSK	21.80	21.90	PASS
LTE Band38	15	37825	75	#0	QPSK	21.84	21.94	PASS
LTE Band38	15	37825	1	#0	QAM16	22.24	22.34	PASS
LTE Band38	15	37825	1	#Mid	QAM16	22.17	22.27	PASS
LTE Band38	15	37825	1	#Max	QAM16	22.23	22.33	PASS
LTE Band38	15	37825	36	#0	QAM16	20.92	21.02	PASS
LTE Band38	15	37825	36	#Mid	QAM16	20.92	21.02	PASS
LTE Band38	15	37825	36	#Max	QAM16	20.97	21.07	PASS
LTE Band38	15	37825	75	#0	QAM16	21.02	21.12	PASS
LTE Band38	15	37825	1	#0	QAM64	22.26	22.36	PASS
LTE Band38	15	37825	1	#Mid	QAM64	22.17	22.27	PASS
LTE Band38	15	37825	1	#Max	QAM64	22.22	22.32	PASS
LTE Band38	15	37825	36	#0	QAM64	20.93	21.03	PASS
LTE Band38	15	37825	36	#Mid	QAM64	20.94	21.04	PASS
LTE Band38	15	37825	36	#Max	QAM64	20.96	21.06	PASS
LTE Band38	15	37825	75	#0	QAM64	21.00	21.10	PASS
LTE Band38	15	38000	1	#0	QPSK	22.81	22.91	PASS
LTE Band38	15	38000	1	#Mid	QPSK	22.72	22.82	PASS
LTE Band38	15	38000	1	#Max	QPSK	22.78	22.88	PASS
LTE Band38	15	38000	36	#0	QPSK	21.77	21.87	PASS
LTE Band38	15	38000	36	#Mid	QPSK	21.77	21.87	PASS
LTE Band38	15	38000	36	#Max	QPSK	21.77	21.87	PASS
LTE Band38	15	38000	75	#0	QPSK	21.79	21.89	PASS
LTE Band38	15	38000	1	#0	QAM16	21.95	22.05	PASS
LTE Band38	15	38000	1	#Mid	QAM16	21.87	21.97	PASS
LTE Band38	15	38000	1	#Max	QAM16	21.89	21.99	PASS
LTE Band38	15	38000	36	#0	QAM16	20.90	21.00	PASS
LTE Band38	15	38000	36	#Mid	QAM16	20.91	21.01	PASS
LTE Band38	15	38000	36	#Max	QAM16	20.91	21.01	PASS
LTE Band38	15	38000	75	#0	QAM16	20.86	20.96	PASS
LTE Band38	15	38000	1	#0	QAM64	21.90	22.00	PASS
LTE Band38	15	38000	1	#Mid	QAM64	21.87	21.97	PASS
LTE Band38	15	38000	1	#Max	QAM64	21.89	21.99	PASS
LTE Band38	15	38000	36	#0	QAM64	20.91	21.01	PASS
LTE Band38	15	38000	36	#Mid	QAM64	20.92	21.02	PASS
LTE Band38	15	38000	36	#Max	QAM64	20.89	20.99	PASS
LTE Band38	15	38000	75	#0	QAM64	20.86	20.96	PASS
LTE Band38	15	38175	1	#0	QPSK	22.79	22.99	PASS

LTE Band38	15	38175	1	#Mid	QPSK	22.78	22.98	PASS
LTE Band38	15	38175	1	#Max	QPSK	22.82	23.02	PASS
LTE Band38	15	38175	36	#0	QPSK	21.73	21.93	PASS
LTE Band38	15	38175	36	#Mid	QPSK	21.73	21.93	PASS
LTE Band38	15	38175	36	#Max	QPSK	21.74	21.94	PASS
LTE Band38	15	38175	75	#0	QPSK	21.74	21.94	PASS
LTE Band38	15	38175	1	#0	QAM16	21.90	22.10	PASS
LTE Band38	15	38175	1	#Mid	QAM16	21.89	22.09	PASS
LTE Band38	15	38175	1	#Max	QAM16	21.89	22.09	PASS
LTE Band38	15	38175	36	#0	QAM16	20.83	21.03	PASS
LTE Band38	15	38175	36	#Mid	QAM16	20.82	21.02	PASS
LTE Band38	15	38175	36	#Max	QAM16	20.82	21.02	PASS
LTE Band38	15	38175	75	#0	QAM16	20.85	21.05	PASS
LTE Band38	15	38175	1	#0	QAM64	21.90	22.10	PASS
LTE Band38	15	38175	1	#Mid	QAM64	21.87	22.07	PASS
LTE Band38	15	38175	1	#Max	QAM64	21.93	22.13	PASS
LTE Band38	15	38175	36	#0	QAM64	20.81	21.01	PASS
LTE Band38	15	38175	36	#Mid	QAM64	20.82	21.02	PASS
LTE Band38	15	38175	36	#Max	QAM64	20.82	21.02	PASS
LTE Band38	15	38175	75	#0	QAM64	20.85	21.05	PASS
LTE Band38	20	37850	1	#0	QPSK	22.84	22.94	PASS
LTE Band38	20	37850	1	#Mid	QPSK	22.73	22.83	PASS
LTE Band38	20	37850	1	#Max	QPSK	22.79	22.89	PASS
LTE Band38	20	37850	50	#0	QPSK	21.80	21.90	PASS
LTE Band38	20	37850	50	#Mid	QPSK	21.80	21.90	PASS
LTE Band38	20	37850	50	#Max	QPSK	21.83	21.93	PASS
LTE Band38	20	37850	100	#0	QPSK	21.89	21.99	PASS
LTE Band38	20	37850	1	#0	QAM16	22.11	22.21	PASS
LTE Band38	20	37850	1	#Mid	QAM16	22.04	22.14	PASS
LTE Band38	20	37850	1	#Max	QAM16	21.99	22.09	PASS
LTE Band38	20	37850	50	#0	QAM16	20.95	21.05	PASS
LTE Band38	20	37850	50	#Mid	QAM16	20.94	21.04	PASS
LTE Band38	20	37850	50	#Max	QAM16	20.97	21.07	PASS
LTE Band38	20	37850	100	#0	QAM16	21.02	21.12	PASS
LTE Band38	20	37850	1	#0	QAM64	22.08	22.18	PASS
LTE Band38	20	37850	1	#Mid	QAM64	22.00	22.10	PASS
LTE Band38	20	37850	1	#Max	QAM64	22.01	22.11	PASS
LTE Band38	20	37850	50	#0	QAM64	20.96	21.06	PASS
LTE Band38	20	37850	50	#Mid	QAM64	20.96	21.06	PASS
LTE Band38	20	37850	50	#Max	QAM64	20.95	21.05	PASS
LTE Band38	20	37850	100	#0	QAM64	21.01	21.11	PASS
LTE Band38	20	38000	1	#0	QPSK	22.83	22.93	PASS
LTE Band38	20	38000	1	#Mid	QPSK	22.75	22.85	PASS

LTE Band38	20	38000	1	#Max	QPSK	22.76	22.86	PASS
LTE Band38	20	38000	50	#0	QPSK	21.82	21.92	PASS
LTE Band38	20	38000	50	#Mid	QPSK	21.79	21.89	PASS
LTE Band38	20	38000	50	#Max	QPSK	21.79	21.89	PASS
LTE Band38	20	38000	100	#0	QPSK	21.83	21.93	PASS
LTE Band38	20	38000	1	#0	QAM16	21.86	21.96	PASS
LTE Band38	20	38000	1	#Mid	QAM16	21.84	21.94	PASS
LTE Band38	20	38000	1	#Max	QAM16	21.76	21.86	PASS
LTE Band38	20	38000	50	#0	QAM16	20.87	20.97	PASS
LTE Band38	20	38000	50	#Mid	QAM16	20.88	20.98	PASS
LTE Band38	20	38000	50	#Max	QAM16	20.85	20.95	PASS
LTE Band38	20	38000	100	#0	QAM16	20.95	21.05	PASS
LTE Band38	20	38000	1	#0	QAM64	21.84	21.94	PASS
LTE Band38	20	38000	1	#Mid	QAM64	21.79	21.89	PASS
LTE Band38	20	38000	1	#Max	QAM64	21.77	21.87	PASS
LTE Band38	20	38000	50	#0	QAM64	20.88	20.98	PASS
LTE Band38	20	38000	50	#Mid	QAM64	20.88	20.98	PASS
LTE Band38	20	38000	50	#Max	QAM64	20.84	20.94	PASS
LTE Band38	20	38000	100	#0	QAM64	20.96	21.06	PASS
LTE Band38	20	38150	1	#0	QPSK	22.71	22.91	PASS
LTE Band38	20	38150	1	#Mid	QPSK	22.70	22.90	PASS
LTE Band38	20	38150	1	#Max	QPSK	22.76	22.96	PASS
LTE Band38	20	38150	50	#0	QPSK	21.76	21.96	PASS
LTE Band38	20	38150	50	#Mid	QPSK	21.77	21.97	PASS
LTE Band38	20	38150	50	#Max	QPSK	21.78	21.98	PASS
LTE Band38	20	38150	100	#0	QPSK	21.73	21.93	PASS
LTE Band38	20	38150	1	#0	QAM16	21.43	21.63	PASS
LTE Band38	20	38150	1	#Mid	QAM16	21.46	21.66	PASS
LTE Band38	20	38150	1	#Max	QAM16	21.44	21.64	PASS
LTE Band38	20	38150	50	#0	QAM16	20.88	21.08	PASS
LTE Band38	20	38150	50	#Mid	QAM16	20.91	21.11	PASS
LTE Band38	20	38150	50	#Max	QAM16	20.90	21.10	PASS
LTE Band38	20	38150	100	#0	QAM16	20.85	21.05	PASS
LTE Band38	20	38150	1	#0	QAM64	21.41	21.61	PASS
LTE Band38	20	38150	1	#Mid	QAM64	21.48	21.68	PASS
LTE Band38	20	38150	1	#Max	QAM64	21.47	21.67	PASS
LTE Band38	20	38150	50	#0	QAM64	20.88	21.08	PASS
LTE Band38	20	38150	50	#Mid	QAM64	20.92	21.12	PASS
LTE Band38	20	38150	50	#Max	QAM64	20.95	21.15	PASS
LTE Band38	20	38150	100	#0	QAM64	20.86	21.06	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)
LTE Band 41	5M	QPSK	40065	1RB#0	22.59	22.39
LTE Band 41	5M	QPSK	40065	1RB#13	22.52	22.32
LTE Band 41	5M	QPSK	40065	1RB#24	22.63	22.43
LTE Band 41	5M	QPSK	40065	12RB#0	21.65	21.45
LTE Band 41	5M	QPSK	40065	12RB#6	21.59	21.39
LTE Band 41	5M	QPSK	40065	12RB#13	21.67	21.47
LTE Band 41	5M	QPSK	40065	25RB#0	21.59	21.39
LTE Band 41	5M	QPSK	40640	1RB#0	22.72	22.82
LTE Band 41	5M	QPSK	40640	1RB#13	22.56	22.66
LTE Band 41	5M	QPSK	40640	1RB#24	22.68	22.78
LTE Band 41	5M	QPSK	40640	12RB#0	21.67	21.77
LTE Band 41	5M	QPSK	40640	12RB#6	21.65	21.75
LTE Band 41	5M	QPSK	40640	12RB#13	21.71	21.81
LTE Band 41	5M	QPSK	40640	25RB#0	21.75	21.85
LTE Band 41	5M	QPSK	41215	1RB#0	22.65	23.15
LTE Band 41	5M	QPSK	41215	1RB#13	22.64	23.14
LTE Band 41	5M	QPSK	41215	1RB#24	22.62	23.12
LTE Band 41	5M	QPSK	41215	12RB#0	21.74	22.24
LTE Band 41	5M	QPSK	41215	12RB#6	21.70	22.20
LTE Band 41	5M	QPSK	41215	12RB#13	21.62	22.12
LTE Band 41	5M	QPSK	41215	25RB#0	21.63	22.13
LTE Band 41	5M	16QAM	40065	1RB#0	21.77	21.57
LTE Band 41	5M	16QAM	40065	1RB#13	21.57	21.37
LTE Band 41	5M	16QAM	40065	1RB#24	21.52	21.32
LTE Band 41	5M	16QAM	40065	12RB#0	20.73	20.53
LTE Band 41	5M	16QAM	40065	12RB#6	20.76	20.56
LTE Band 41	5M	16QAM	40065	12RB#13	20.73	20.53
LTE Band 41	5M	16QAM	40065	25RB#0	20.72	20.52
LTE Band 41	5M	16QAM	40640	1RB#0	21.89	21.99
LTE Band 41	5M	16QAM	40640	1RB#13	21.91	22.01
LTE Band 41	5M	16QAM	40640	1RB#24	22.02	22.12
LTE Band 41	5M	16QAM	40640	12RB#0	20.78	20.88
LTE Band 41	5M	16QAM	40640	12RB#6	20.73	20.83
LTE Band 41	5M	16QAM	40640	12RB#13	20.77	20.87
LTE Band 41	5M	16QAM	40640	25RB#0	20.75	20.85
LTE Band 41	5M	16QAM	41215	1RB#0	22.66	23.16
LTE Band 41	5M	16QAM	41215	1RB#13	22.66	23.16
LTE Band 41	5M	16QAM	41215	1RB#24	21.70	22.20
LTE Band 41	5M	16QAM	41215	12RB#0	20.83	21.33
LTE Band 41	5M	16QAM	41215	12RB#6	20.78	21.28

LTE Band 41	5M	16QAM	41215	12RB#13	20.73	21.23
LTE Band 41	5M	16QAM	41215	25RB#0	20.76	21.26
LTE Band 41	5M	64QAM	40065	1RB#0	21.46	21.26
LTE Band 41	5M	64QAM	40065	1RB#13	21.56	21.36
LTE Band 41	5M	64QAM	40065	1RB#24	21.58	21.38
LTE Band 41	5M	64QAM	40065	12RB#0	21.00	20.80
LTE Band 41	5M	64QAM	40065	12RB#6	20.85	20.65
LTE Band 41	5M	64QAM	40065	12RB#13	20.76	20.56
LTE Band 41	5M	64QAM	40065	25RB#0	20.71	20.51
LTE Band 41	5M	64QAM	40640	1RB#0	22.00	22.10
LTE Band 41	5M	64QAM	40640	1RB#13	21.92	22.02
LTE Band 41	5M	64QAM	40640	1RB#24	22.02	22.12
LTE Band 41	5M	64QAM	40640	12RB#0	20.76	20.86
LTE Band 41	5M	64QAM	40640	12RB#6	20.78	20.88
LTE Band 41	5M	64QAM	40640	12RB#13	20.85	20.95
LTE Band 41	5M	64QAM	40640	25RB#0	20.85	20.95
LTE Band 41	5M	64QAM	41215	1RB#0	21.81	22.31
LTE Band 41	5M	64QAM	41215	1RB#13	21.82	22.32
LTE Band 41	5M	64QAM	41215	1RB#24	21.78	22.28
LTE Band 41	5M	64QAM	41215	12RB#0	21.89	22.39
LTE Band 41	5M	64QAM	41215	12RB#6	20.81	21.31
LTE Band 41	5M	64QAM	41215	12RB#13	20.65	21.15
LTE Band 41	5M	64QAM	41215	25RB#0	20.71	21.21
LTE Band 41	10M	QPSK	40090	1RB#0	22.54	22.34
LTE Band 41	10M	QPSK	40090	1RB#25	22.46	22.26
LTE Band 41	10M	QPSK	40090	1RB#49	22.56	22.36
LTE Band 41	10M	QPSK	40090	25RB#0	21.58	21.38
LTE Band 41	10M	QPSK	40090	25RB#13	21.55	21.35
LTE Band 41	10M	QPSK	40090	25RB#25	21.60	21.40
LTE Band 41	10M	QPSK	40090	50RB#0	21.57	21.37
LTE Band 41	10M	QPSK	40640	1RB#0	22.59	22.69
LTE Band 41	10M	QPSK	40640	1RB#25	22.52	22.62
LTE Band 41	10M	QPSK	40640	1RB#49	22.60	22.70
LTE Band 41	10M	QPSK	40640	25RB#0	21.63	21.73
LTE Band 41	10M	QPSK	40640	25RB#13	21.61	21.71
LTE Band 41	10M	QPSK	40640	25RB#25	21.63	21.73
LTE Band 41	10M	QPSK	40640	50RB#0	21.67	21.77
LTE Band 41	10M	QPSK	41190	1RB#0	22.59	22.94
LTE Band 41	10M	QPSK	41190	1RB#25	22.58	22.93
LTE Band 41	10M	QPSK	41190	1RB#49	22.52	22.87
LTE Band 41	10M	QPSK	41190	25RB#0	21.68	22.03
LTE Band 41	10M	QPSK	41190	25RB#13	21.65	22.00
LTE Band 41	10M	QPSK	41190	25RB#25	21.63	21.98

LTE Band 41	10M	QPSK	41190	50RB#0	21.64	21.99
LTE Band 41	10M	16QAM	40090	1RB#0	21.74	21.54
LTE Band 41	10M	16QAM	40090	1RB#25	21.55	21.35
LTE Band 41	10M	16QAM	40090	1RB#49	21.50	21.30
LTE Band 41	10M	16QAM	40090	25RB#0	20.70	20.50
LTE Band 41	10M	16QAM	40090	25RB#13	20.73	20.53
LTE Band 41	10M	16QAM	40090	25RB#25	20.68	20.48
LTE Band 41	10M	16QAM	40090	50RB#0	20.70	20.50
LTE Band 41	10M	16QAM	40640	1RB#0	21.86	21.96
LTE Band 41	10M	16QAM	40640	1RB#25	21.86	21.96
LTE Band 41	10M	16QAM	40640	1RB#49	21.95	22.05
LTE Band 41	10M	16QAM	40640	25RB#0	20.75	20.85
LTE Band 41	10M	16QAM	40640	25RB#13	20.68	20.78
LTE Band 41	10M	16QAM	40640	25RB#25	20.77	20.87
LTE Band 41	10M	16QAM	40640	50RB#0	20.75	20.85
LTE Band 41	10M	16QAM	41190	1RB#0	22.61	22.96
LTE Band 41	10M	16QAM	41190	1RB#25	22.62	22.97
LTE Band 41	10M	16QAM	41190	1RB#49	21.66	22.01
LTE Band 41	10M	16QAM	41190	25RB#0	20.79	21.14
LTE Band 41	10M	16QAM	41190	25RB#13	20.72	21.07
LTE Band 41	10M	16QAM	41190	25RB#25	20.70	21.05
LTE Band 41	10M	16QAM	41190	50RB#0	20.74	21.09
LTE Band 41	10M	64QAM	40090	1RB#0	21.41	21.21
LTE Band 41	10M	64QAM	40090	1RB#25	21.50	21.30
LTE Band 41	10M	64QAM	40090	1RB#49	21.51	21.31
LTE Band 41	10M	64QAM	40090	25RB#0	20.93	20.73
LTE Band 41	10M	64QAM	40090	25RB#13	20.81	20.61
LTE Band 41	10M	64QAM	40090	25RB#25	20.69	20.49
LTE Band 41	10M	64QAM	40090	50RB#0	20.69	20.49
LTE Band 41	10M	64QAM	40640	1RB#0	21.87	21.97
LTE Band 41	10M	64QAM	40640	1RB#25	21.88	21.98
LTE Band 41	10M	64QAM	40640	1RB#49	21.94	22.04
LTE Band 41	10M	64QAM	40640	25RB#0	20.72	20.82
LTE Band 41	10M	64QAM	40640	25RB#13	20.74	20.84
LTE Band 41	10M	64QAM	40640	25RB#25	20.77	20.87
LTE Band 41	10M	64QAM	40640	50RB#0	20.77	20.87
LTE Band 41	10M	64QAM	41190	1RB#0	21.75	22.10
LTE Band 41	10M	64QAM	41190	1RB#25	21.76	22.11
LTE Band 41	10M	64QAM	41190	1RB#49	21.68	22.03
LTE Band 41	10M	64QAM	41190	25RB#0	21.83	22.18
LTE Band 41	10M	64QAM	41190	25RB#13	20.76	21.11
LTE Band 41	10M	64QAM	41190	25RB#25	20.66	21.01
LTE Band 41	10M	64QAM	41190	50RB#0	20.72	21.07

LTE Band 41	15M	QPSK	40115	1RB#0	22.53	22.33
LTE Band 41	15M	QPSK	40115	1RB#38	22.44	22.24
LTE Band 41	15M	QPSK	40115	1RB#74	22.53	22.33
LTE Band 41	15M	QPSK	40115	36RB#0	21.56	21.36
LTE Band 41	15M	QPSK	40115	36RB#18	21.52	21.32
LTE Band 41	15M	QPSK	40115	36RB#39	21.57	21.37
LTE Band 41	15M	QPSK	40115	75RB#0	21.55	21.35
LTE Band 41	15M	QPSK	40640	1RB#0	22.55	22.65
LTE Band 41	15M	QPSK	40640	1RB#38	22.51	22.61
LTE Band 41	15M	QPSK	40640	1RB#74	22.55	22.65
LTE Band 41	15M	QPSK	40640	36RB#0	21.59	21.69
LTE Band 41	15M	QPSK	40640	36RB#18	21.56	21.66
LTE Band 41	15M	QPSK	40640	36RB#39	21.60	21.70
LTE Band 41	15M	QPSK	40640	75RB#0	21.63	21.73
LTE Band 41	15M	QPSK	41165	1RB#0	22.57	22.77
LTE Band 41	15M	QPSK	41165	1RB#38	22.55	22.75
LTE Band 41	15M	QPSK	41165	1RB#74	22.48	22.68
LTE Band 41	15M	QPSK	41165	36RB#0	21.65	21.85
LTE Band 41	15M	QPSK	41165	36RB#18	21.61	21.81
LTE Band 41	15M	QPSK	41165	36RB#39	21.59	21.79
LTE Band 41	15M	QPSK	41165	75RB#0	21.59	21.79
LTE Band 41	15M	16QAM	40115	1RB#0	21.69	21.49
LTE Band 41	15M	16QAM	40115	1RB#38	21.53	21.33
LTE Band 41	15M	16QAM	40115	1RB#74	21.47	21.27
LTE Band 41	15M	16QAM	40115	36RB#0	20.67	20.47
LTE Band 41	15M	16QAM	40115	36RB#18	20.70	20.50
LTE Band 41	15M	16QAM	40115	36RB#39	20.66	20.46
LTE Band 41	15M	16QAM	40115	75RB#0	20.67	20.47
LTE Band 41	15M	16QAM	40640	1RB#0	21.84	21.94
LTE Band 41	15M	16QAM	40640	1RB#38	21.83	21.93
LTE Band 41	15M	16QAM	40640	1RB#74	21.91	22.01
LTE Band 41	15M	16QAM	40640	36RB#0	20.73	20.83
LTE Band 41	15M	16QAM	40640	36RB#18	20.63	20.73
LTE Band 41	15M	16QAM	40640	36RB#39	20.73	20.83
LTE Band 41	15M	16QAM	40640	75RB#0	20.70	20.80
LTE Band 41	15M	16QAM	41165	1RB#0	22.59	22.79
LTE Band 41	15M	16QAM	41165	1RB#38	22.60	22.80
LTE Band 41	15M	16QAM	41165	1RB#74	21.63	21.83
LTE Band 41	15M	16QAM	41165	36RB#0	20.76	20.96
LTE Band 41	15M	16QAM	41165	36RB#18	20.68	20.88
LTE Band 41	15M	16QAM	41165	36RB#39	20.67	20.87
LTE Band 41	15M	16QAM	41165	75RB#0	20.70	20.90
LTE Band 41	15M	64QAM	40115	1RB#0	21.40	21.20

LTE Band 41	15M	64QAM	40115	1RB#38	21.48	21.28
LTE Band 41	15M	64QAM	40115	1RB#74	21.48	21.28
LTE Band 41	15M	64QAM	40115	36RB#0	20.91	20.71
LTE Band 41	15M	64QAM	40115	36RB#18	20.78	20.58
LTE Band 41	15M	64QAM	40115	36RB#39	20.66	20.46
LTE Band 41	15M	64QAM	40115	75RB#0	20.67	20.47
LTE Band 41	15M	64QAM	40640	1RB#0	21.83	21.93
LTE Band 41	15M	64QAM	40640	1RB#38	21.87	21.97
LTE Band 41	15M	64QAM	40640	1RB#74	21.89	21.99
LTE Band 41	15M	64QAM	40640	36RB#0	20.68	20.78
LTE Band 41	15M	64QAM	40640	36RB#18	20.69	20.79
LTE Band 41	15M	64QAM	40640	36RB#39	20.74	20.84
LTE Band 41	15M	64QAM	40640	75RB#0	20.73	20.83
LTE Band 41	15M	64QAM	41165	1RB#0	21.73	21.93
LTE Band 41	15M	64QAM	41165	1RB#38	21.73	21.93
LTE Band 41	15M	64QAM	41165	1RB#74	21.64	21.84
LTE Band 41	15M	64QAM	41165	36RB#0	21.80	22.00
LTE Band 41	15M	64QAM	41165	36RB#18	20.72	20.92
LTE Band 41	15M	64QAM	41165	36RB#39	20.62	20.82
LTE Band 41	15M	64QAM	41165	75RB#0	20.67	20.87
LTE Band 41	20M	QPSK	40140	1RB#0	22.50	22.30
LTE Band 41	20M	QPSK	40140	1RB#50	22.43	22.23
LTE Band 41	20M	QPSK	40140	1RB#99	22.51	22.31
LTE Band 41	20M	QPSK	40140	50RB#0	21.53	21.33
LTE Band 41	20M	QPSK	40140	50RB#25	21.50	21.30
LTE Band 41	20M	QPSK	40140	50RB#50	21.54	21.34
LTE Band 41	20M	QPSK	40140	100RB#0	21.52	21.32
LTE Band 41	20M	QPSK	40640	1RB#0	22.51	22.61
LTE Band 41	20M	QPSK	40640	1RB#50	22.47	22.57
LTE Band 41	20M	QPSK	40640	1RB#99	22.54	22.64
LTE Band 41	20M	QPSK	40640	50RB#0	21.54	21.64
LTE Band 41	20M	QPSK	40640	50RB#25	21.52	21.62
LTE Band 41	20M	QPSK	40640	50RB#50	21.55	21.65
LTE Band 41	20M	QPSK	40640	100RB#0	21.58	21.68
LTE Band 41	20M	QPSK	41140	1RB#0	22.54	22.74
LTE Band 41	20M	QPSK	41140	1RB#50	22.53	22.73
LTE Band 41	20M	QPSK	41140	1RB#99	22.45	22.65
LTE Band 41	20M	QPSK	41140	50RB#0	21.61	21.81
LTE Band 41	20M	QPSK	41140	50RB#25	21.58	21.78
LTE Band 41	20M	QPSK	41140	50RB#50	21.55	21.75
LTE Band 41	20M	QPSK	41140	100RB#0	21.55	21.75
LTE Band 41	20M	16QAM	40140	1RB#0	21.67	21.47
LTE Band 41	20M	16QAM	40140	1RB#50	21.49	21.29

LTE Band 41	20M	16QAM	40140	1RB#99	21.45	21.25
LTE Band 41	20M	16QAM	40140	50RB#0	20.64	20.44
LTE Band 41	20M	16QAM	40140	50RB#25	20.67	20.47
LTE Band 41	20M	16QAM	40140	50RB#50	20.63	20.43
LTE Band 41	20M	16QAM	40140	100RB#0	20.65	20.45
LTE Band 41	20M	16QAM	40640	1RB#0	21.80	21.90
LTE Band 41	20M	16QAM	40640	1RB#50	21.81	21.91
LTE Band 41	20M	16QAM	40640	1RB#99	21.88	21.98
LTE Band 41	20M	16QAM	40640	50RB#0	20.69	20.79
LTE Band 41	20M	16QAM	40640	50RB#25	20.61	20.71
LTE Band 41	20M	16QAM	40640	50RB#50	20.68	20.78
LTE Band 41	20M	16QAM	40640	100RB#0	20.66	20.76
LTE Band 41	20M	16QAM	41140	1RB#0	22.54	22.74
LTE Band 41	20M	16QAM	41140	1RB#50	22.56	22.76
LTE Band 41	20M	16QAM	41140	1RB#99	21.61	21.81
LTE Band 41	20M	16QAM	41140	50RB#0	20.73	20.93
LTE Band 41	20M	16QAM	41140	50RB#25	20.65	20.85
LTE Band 41	20M	16QAM	41140	50RB#50	20.63	20.83
LTE Band 41	20M	16QAM	41140	100RB#0	20.67	20.87
LTE Band 41	20M	64QAM	40140	1RB#0	21.37	21.17
LTE Band 41	20M	64QAM	40140	1RB#50	21.47	21.27
LTE Band 41	20M	64QAM	40140	1RB#99	21.46	21.26
LTE Band 41	20M	64QAM	40140	50RB#0	20.88	20.68
LTE Band 41	20M	64QAM	40140	50RB#25	20.76	20.56
LTE Band 41	20M	64QAM	40140	50RB#50	20.63	20.43
LTE Band 41	20M	64QAM	40140	100RB#0	20.64	20.44
LTE Band 41	20M	64QAM	40640	1RB#0	21.79	21.89
LTE Band 41	20M	64QAM	40640	1RB#50	21.83	21.93
LTE Band 41	20M	64QAM	40640	1RB#99	21.88	21.98
LTE Band 41	20M	64QAM	40640	50RB#0	20.63	20.73
LTE Band 41	20M	64QAM	40640	50RB#25	20.65	20.75
LTE Band 41	20M	64QAM	40640	50RB#50	20.69	20.79
LTE Band 41	20M	64QAM	40640	100RB#0	20.68	20.78
LTE Band 41	20M	64QAM	41140	1RB#0	21.70	21.90
LTE Band 41	20M	64QAM	41140	1RB#50	21.71	21.91
LTE Band 41	20M	64QAM	41140	1RB#99	21.61	21.81
LTE Band 41	20M	64QAM	41140	50RB#0	21.76	21.96
LTE Band 41	20M	64QAM	41140	50RB#25	20.69	20.89
LTE Band 41	20M	64QAM	41140	50RB#50	20.58	20.78
LTE Band 41	20M	64QAM	41140	100RB#0	20.63	20.83

CA_7C	PCC	SCC	PCC RB		SCC1 RB		Conducted Power (dBm)			EIRP (dBm)		
	Frequency (MHz)	Frequency (MHz)	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10MHz+20MHz	2505.5	2519.9	1	49	1	0	22.33	21.37	21.3	22.33	21.37	21.30
			50	0	100	0	19.67	18.78	18.68	19.67	18.78	18.68
	2525.6	2540	1	49	1	0	22.19	21.42	21.18	21.99	21.22	20.98
			50	0	100	0	19.57	18.70	18.61	19.37	18.50	18.41
	2545.6	2560	1	49	1	0	22.13	21.18	21.05	22.43	21.48	21.35
			50	0	100	0	19.46	18.55	18.49	19.76	18.85	18.79
20MHz+10MHz	2510	2524.4	1	99	1	0	19.76	19.38	18.74	19.76	19.38	18.74
			100	0	50	0	19.81	18.94	18.85	19.81	18.94	18.85
	2530.1	2544.5	1	99	1	0	22.26	21.76	21.22	22.06	21.56	21.02
			100	0	50	0	19.68	18.87	18.76	19.48	18.67	18.56
	2550.1	2564.5	1	99	1	0	22.29	21.81	21.30	22.59	22.11	21.60
			100	0	50	0	19.52	18.69	18.64	19.82	18.99	18.94
15MHz+15MHz	2507.5	2522.5	1	74	1	0	22.21	21.56	21.20	22.21	21.56	21.20
			75	0	75	0	19.55	18.69	18.63	19.55	18.69	18.63
	2527.5	2542.5	1	74	1	0	22.05	21.71	21.68	21.85	21.51	21.48
			75	0	75	0	19.51	18.75	18.62	19.31	18.55	18.42
	2547.5	2562.5	1	74	1	0	22.10	21.51	21.07	22.40	21.81	21.37
			75	0	75	0	19.34	18.47	18.41	19.64	18.77	18.71
15MHz+20MHz	2507.8	2524.9	1	74	1	0	22.25	21.63	21.22	22.25	21.63	21.22
			75	0	100	0	19.59	18.72	18.60	19.59	18.72	18.60
	2525.3	2542.4	1	74	1	0	22.13	21.55	21.10	21.93	21.35	20.90
			75	0	100	0	19.52	18.63	18.55	19.32	18.43	18.35
	2542.9	2560	1	74	1	0	22.08	21.47	21.07	22.38	21.77	21.37
			75	0	100	0	19.41	18.58	18.49	19.71	18.88	18.79
20MHz+15MHz	2510	2527.1	1	99	1	0	22.34	21.81	21.30	22.34	21.81	21.30
			100	0	75	0	19.61	18.82	18.75	19.61	18.82	18.75
	2527.6	2544.7	1	99	1	0	22.25	21.77	21.31	22.05	21.57	21.11
			100	0	75	0	19.55	18.77	18.69	19.35	18.57	18.49
	2545.1	2562.2	1	99	1	0	22.26	21.79	21.28	22.56	22.09	21.58
			100	0	75	0	19.47	18.65	18.56	19.77	18.95	18.86
20MHz+20MHz	2510	2529.8	1	99	1	0	22.28	21.83	21.29	22.28	21.83	21.29
			1	0	1	99	13.21	13.78	13.28	13.21	13.78	13.28
			100	0	100	0	19.65	18.84	18.77	19.65	18.84	18.77
	2525.1	2544.9	1	99	1	0	22.21	21.72	21.22	22.01	21.52	21.02
			1	0	1	99	13.30	13.76	13.22	13.10	13.56	13.02
			100	0	100	0	19.32	18.74	18.62	19.12	18.54	18.42
	2540.2	2560	1	99	1	0	22.15	21.45	21.18	22.45	21.75	21.48
			1	0	1	99	13.18	13.54	13.11	13.48	13.84	13.41

			100	0	100	0	19.41	18.62	18.56	19.71	18.92	18.86

CA_38C	PCC	SCC	PCC RB		SCC1 RB		Conducted Power (dBm)			EIRP (dBm)		
	Frequency (MHz)	Frequency (MHz)	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15MHz+ 15MHz	2577.5	2592.5	1	74	1	0	22.30	21.40	21.29	22.4	21.5	21.39
			75	0	75	0	19.55	18.75	18.66	19.65	18.85	18.76
	2587.5	2602.5	1	74	1	0	22.22	21.57	21.30	22.32	21.67	21.4
			75	0	75	0	19.62	18.80	18.66	19.72	18.9	18.76
	2597.5	2612.5	1	74	1	0	22.20	21.56	21.21	22.3	21.66	21.31
			75	0	75	0	19.39	18.78	18.63	19.49	18.88	18.73
20MHz+ 20MHz	2580	2599.8	1	99	1	0	22.40	21.56	21.41	22.5	21.66	21.51
			1	0	1	99	13.26	13.44	13.28	13.36	13.54	13.38
			100	0	100	0	19.70	18.79	18.75	19.8	18.89	18.85
	2585.1	2604.9	1	99	1	0	22.35	21.71	21.45	22.45	21.81	21.55
			1	0	1	99	13.18	13.48	13.20	13.28	13.58	13.3
			100	0	100	0	19.61	18.85	18.76	19.71	18.95	18.86
	2590.2	2610	1	99	1	0	22.32	21.65	21.38	22.42	21.75	21.48
			1	0	1	99	13.21	13.43	13.13	13.31	13.53	13.23
			100	0	100	0	19.65	18.82	18.67	19.75	18.92	18.77

5.2 Occupied Bandwidth

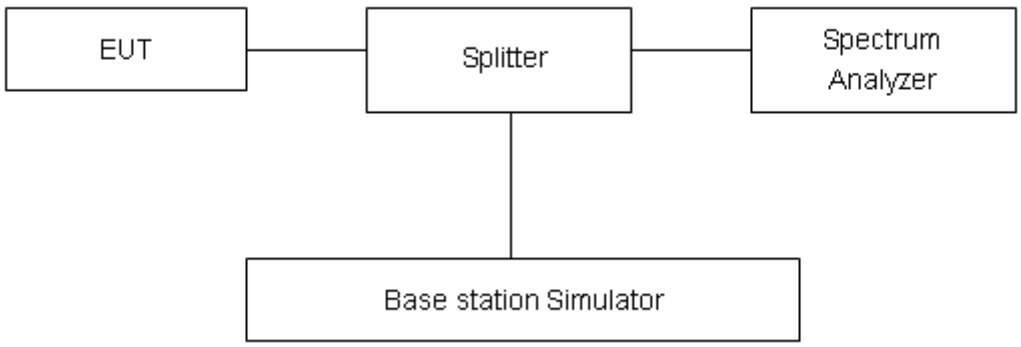
Ambient condition

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 51 kHz, VBW is set to 160 kHz for WCDMA Band IV.
RBW is set to 30 kHz, VBW is set to 91 kHz for LTE Band 4 (1.4MHz).
RBW is set to 62 kHz, VBW is set to 180 kHz for LTE Band 4 (3MHz).
RBW is set to 100 kHz, VBW is set to 300 kHz for LTE Band 4/7/38/41(5MHz).
RBW is set to 200 kHz, VBW is set to 620kHz for LTE Band 4/7/38/41 (10MHz).
RBW is set to 300 kHz, VBW is set to 910kHz for LTE Band 4/7/38/41(15MHz).
RBW is set to 430 kHz, VBW is set to 1.2MHz for LTE Band 4/7/38/41(20MHz).
RBW is set to 1MHz, VBW is set to 3MHz for CA.
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

Mode	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
WCDMA Band IV (RMC)	1312	1712.4	4.1437	4.710
	1413	1732.6	4.1443	4.703
	1513	1752.6	4.1345	4.706

LTE Band 4						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	19957	1710.7	1.0897	1.239
			20175	1732.5	1.0903	1.231
			20393	1754.3	1.0934	1.232
		3	19965	1711.5	2.7077	3.037
			20175	1732.5	2.6948	2.991
			20385	1753.5	2.6976	2.993
		5	19975	1712.5	4.5182	5.000
			20175	1732.5	4.5143	4.932
			20375	1752.5	4.5201	4.926
		10	20000	1715	8.9821	9.737
			20175	1732.5	8.9946	9.729
			20350	1750	9.0073	9.677
		15	20025	1717.5	13.469	14.670
			20175	1732.5	13.432	14.610
			20325	1747.5	13.466	14.600
		20	20050	1720	17.973	19.270
			20175	1732.5	17.907	19.450
			20300	1745	17.886	19.430
	16QAM	1.4	19957	1710.7	1.0972	1.236
			20175	1732.5	1.0963	1.239
			20393	1754.3	1.0877	1.223
		3	19965	1711.5	2.7042	2.955
			20175	1732.5	2.7067	3.038
			20385	1753.5	2.7025	3.002
		5	19975	1712.5	4.5125	4.930
			20175	1732.5	4.5136	5.015
			20375	1752.5	4.5199	4.992
		10	20000	1715	8.9684	9.666

			20175	1732.5	8.9662	9.703
			20350	1750	9.0036	9.788
		15	20025	1717.5	13.486	14.550
			20175	1732.5	13.466	14.590
			20325	1747.5	13.442	14.580
		20	20050	1720	17.901	19.410
			20175	1732.5	17.921	19.470
			20300	1745	17.938	19.240
	64QAM	1.4	19957	1710.7	1.096	1.239
			20175	1732.5	1.096	1.244
			20393	1754.3	1.0895	1.228
		3	19965	1711.5	2.7071	3.004
			20175	1732.5	2.7067	2.993
			20385	1753.5	2.7104	3.009
		5	19975	1712.5	4.5053	5.018
			20175	1732.5	4.5508	4.944
			20375	1752.5	4.5217	4.961
		10	20000	1715	8.9627	9.822
			20175	1732.5	8.9991	9.784
			20350	1750	8.9673	9.735
		15	20025	1717.5	13.458	14.550
			20175	1732.5	13.448	14.610
			20325	1747.5	13.485	14.470
		20	20050	1720	17.981	19.480
			20175	1732.5	17.928	19.370
			20300	1745	17.925	19.320

LTE Band 7						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	20775	2502.5	4.515	4.971
			21100	2535	4.517	4.941
			21425	2567.5	4.520	4.972
		10	20800	2505	8.980	9.726
			21100	2535	8.960	9.654
			21400	2565	8.984	9.791
		15	20825	2507.5	13.457	14.630
			21100	2535	13.440	14.600
			21375	2562.5	13.473	14.710
		20	20850	2510	17.916	19.210

			21100	2535	17.885	19.250
			21350	2560	17.981	19.540
	16QAM	5	20775	2502.5	4.514	4.965
			21100	2535	4.530	4.966
			21425	2567.5	4.511	4.953
		10	20800	2505	9.025	9.733
			21100	2535	8.974	9.701
			21400	2565	8.973	9.840
		15	20825	2507.5	13.416	14.580
			21100	2535	13.439	14.570
			21375	2562.5	13.499	14.690
		20	20850	2510	18.002	19.280
			21100	2535	17.916	19.350
			21350	2560	17.966	19.460
	64QAM	5	20775	2502.5	4.524	4.899
			21100	2535	4.530	4.951
			21425	2567.5	4.533	4.967
		10	20800	2505	8.980	9.735
			21100	2535	8.970	9.696
			21400	2565	8.979	9.693
		15	20825	2507.5	13.410	14.490
			21100	2535	13.431	14.580
			21375	2562.5	13.531	14.600
		20	20850	2510	17.892	19.440
			21100	2535	17.952	19.510
			21350	2560	17.958	19.230

LTE Band 38						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	37775	2572.5	4.5048	4.843
			38000	2595	4.5151	4.953
			38225	2617.5	4.5147	4.914
		10	37800	2575	8.9575	9.766
			38000	2595	8.9579	9.711
			38200	2615	8.9908	9.676
		15	37825	2577.5	13.442	14.370
			38000	2595	13.492	14.570
			38175	2612.5	13.453	14.460
		20	37850	2580	17.938	19.270

			38000	2595	17.934	19.300
			38150	2610	17.967	19.090
	16QAM	5	37775	2572.5	4.5127	4.899
			38000	2595	4.5027	4.876
			38225	2617.5	4.498	4.900
		10	37800	2575	8.9837	9.703
			38000	2595	8.9556	9.624
			38200	2615	8.9858	9.771
		15	37825	2577.5	13.481	14.370
			38000	2595	13.427	14.520
			38175	2612.5	13.422	14.620
		20	37850	2580	17.862	19.400
			38000	2595	17.91	19.340
			38150	2610	17.934	19.160
	64QAM	5	37775	2572.5	4.5137	4.902
			38000	2595	4.526	4.853
			38225	2617.5	4.5196	4.880
		10	37800	2575	9.0115	9.682
			38000	2595	8.9737	9.643
			38200	2615	9.0091	9.717
		15	37825	2577.5	13.451	14.540
			38000	2595	13.446	14.550
			38175	2612.5	13.426	14.460
		20	37850	2580	17.944	19.260
			38000	2595	17.932	19.460
			38150	2610	17.927	19.330

LTE Band 41						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	39675	2498.5	4.4914	4.769
			40620	2593	4.4855	4.777
			41565	2687.5	4.4866	4.774
		10	39700	2501	8.9647	9.487
			40620	2593	8.9512	9.500
			41540	2685	8.9563	9.509
		15	39725	2503.5	13.419	14.27
			40620	2593	13.411	14.21
			41515	2682.5	13.437	14.22
		20	39750	2506	17.916	18.97

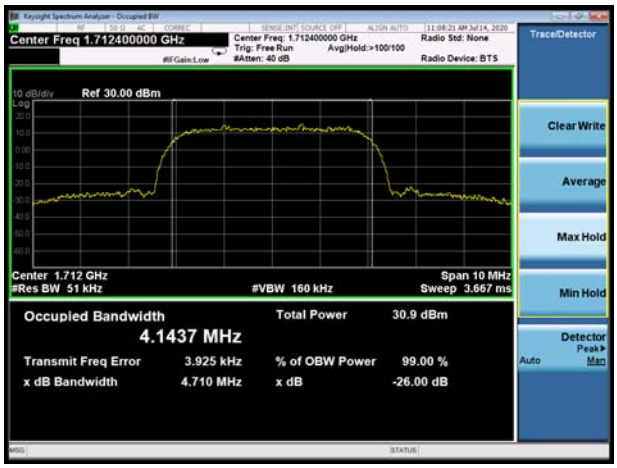
			40620	2593	17.895	19.01
			41490	2680	17.924	18.98
	16QAM	5	39675	2498.5	4.4966	4.818
			40620	2593	4.4982	4.772
			41565	2687.5	4.4948	4.825
		10	39700	2501	8.9945	9.485
			40620	2593	8.9711	9.478
			41540	2685	8.9342	9.461
		15	39725	2503.5	13.436	14.22
			40620	2593	13.412	14.19
			41515	2682.5	13.426	14.23
		20	39750	2506	17.869	18.96
			40620	2593	17.880	18.95
			41490	2680	17.878	18.99
	64QAM	5	39675	2498.5	4.4779	4.808
			40620	2593	4.4700	4.791
			41565	2687.5	4.4982	4.791
		10	39700	2501	8.9556	9.475
			40620	2593	8.9724	9.476
			41540	2685	8.9648	9.503
		15	39725	2503.5	13.413	14.21
			40620	2593	13.409	14.22
			41515	2682.5	13.415	14.22
		20	39750	2506	17.912	18.98
			40620	2593	17.908	18.99
			41490	2680	17.904	18.99

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	75#0	27.97	30.01
CA_7C _10MHz+20MHz_16QAM	21006	2525.6	21150	2540	50#0	75#0	27.83	29.92
CA_7C _10MHz+20MHz_64QAM	21006	2525.6	21150	2540	50#0	75#0	27.90	29.98
CA_7C_20MHz+10MHz_QPSK	21051	2530.1	21195	2544.5	75#0	50#0	28.01	30.30
CA_7C _20MHz+10MHz_16QAM	21051	2530.1	21195	2544.5	75#0	50#0	28.02	30.10
CA_7C _20MHz+10MHz_64QAM	21051	2530.1	21195	2544.5	75#0	50#0	29.08	30.21
CA_7C _15MHz+10MHz_QPSK	21051	2530.1	21171	2542.1	75#0	75#0	23.45	25.48
CA_7C _15MHz+10MHz_16QAM	21025	2527.5	21175	2542.5	75#0	75#0	23.39	25.43
CA_7C _15MHz+10MHz_64QAM	21025	2527.5	21175	2542.5	75#0	75#0	23.41	25.37
CA_7C _15MHz+15MHz_QPSK	21025	2527.5	21175	2542.5	75#0	75#0	28.60	30.70

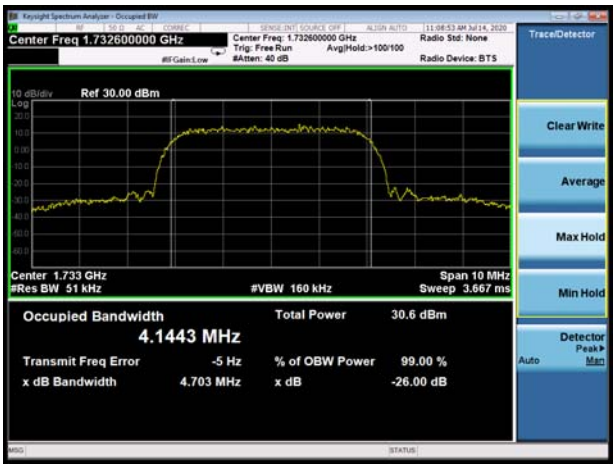
CA_7C _15MHz+15MHz_16QAM	21025	2527.5	21175	2542.5	75#0	75#0	28.45	30.60
CA_7C _15MHz+15MHz_64QAM	21025	2527.5	21175	2542.5	75#0	75#0	28.54	30.66
CA_7C _15MHz+20MHz_QPSK	21003	2525.3	21174	2542.4	75#0	100#0	32.78	34.96
CA_7C _15MHz+20MHz_16QAM	21003	2525.3	21174	2542.4	75#0	100#0	32.66	34.92
CA_7C _15MHz+20MHz_64QAM	21003	2525.3	21174	2542.4	75#0	100#0	32.72	34.97
CA_7C _20MHz+15MHz_QPSK	21026	2527.6	21197	2544.7	100#0	75#0	32.79	35.50
CA_7C _20MHz+15MHz_16QAM	21026	2527.6	21197	2544.7	100#0	75#0	32.79	35.22
CA_7C _20MHz+15MHz_64QAM	21026	2527.6	21197	2544.7	100#0	75#0	32.84	35.17
CA_7C _20MHz+20MHz_QPSK	21001	2525.1	21199	2544.9	100#0	100#0	37.55	40.01
CA_7C _20MHz+20MHz_16QAM	21001	2525.1	21199	2544.9	100#0	100#0	37.48	39.99
CA_7C _20MHz+20MHz_64QAM	21001	2525.1	21199	2544.9	100#0	100#0	37.53	40.00

CA_38C	PCC		SCC1		PCC RB	SCC1 RB	Bandwidth (MHz)	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)			99% Power	-26dBc
CA_38C_15MHz+15MHz_QPSK	37925	2587.5	38075	2602.5	75#0	75#0	28.37	30.56
CA_38C_15MHz+15MHz_16QAM	37925	2587.5	38075	2602.5	75#0	75#0	28.41	30.63
CA_38C_15MHz+15MHz_64QAM	37925	2587.5	38075	2602.5	75#0	75#0	28.39	30.46
CA_38C_20MHz+20MHz_QPSK	37901	2585.1	38099	2604.9	100#0	100#0	37.52	39.96
CA_38C_20MHz+20MHz_16QAM	37901	2585.1	38099	2604.9	100#0	100#0	37.39	39.79
CA_38C_20MHz+20MHz_64QAM	37901	2585.1	38099	2604.9	100#0	100#0	37.47	39.82

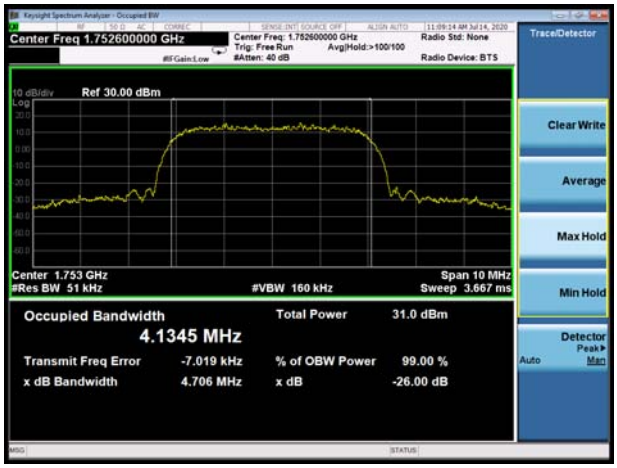
WCDMA Band IV CH-Low



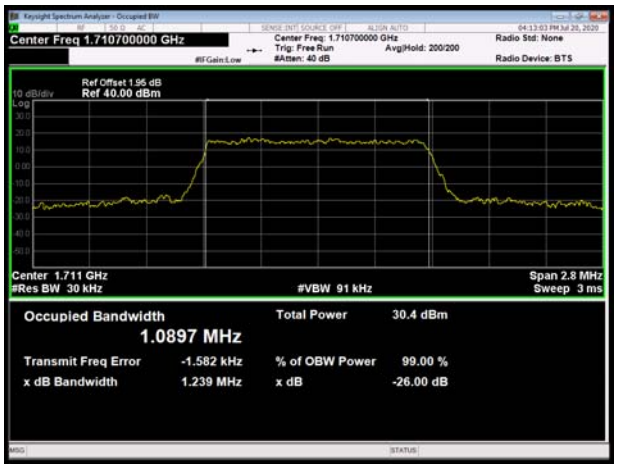
WCDMA Band IV CH Middle



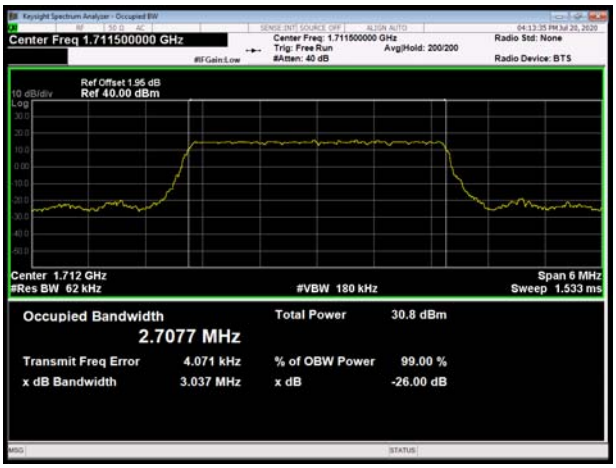
WCDMA Band IV CH High



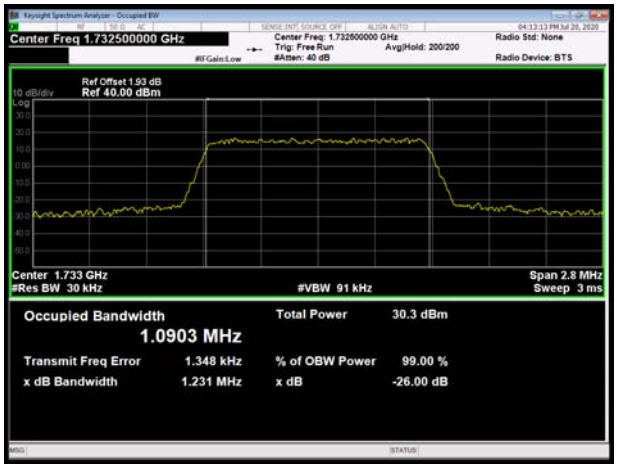
LTE Band 4 QPSK 1.4MHz CH-Low



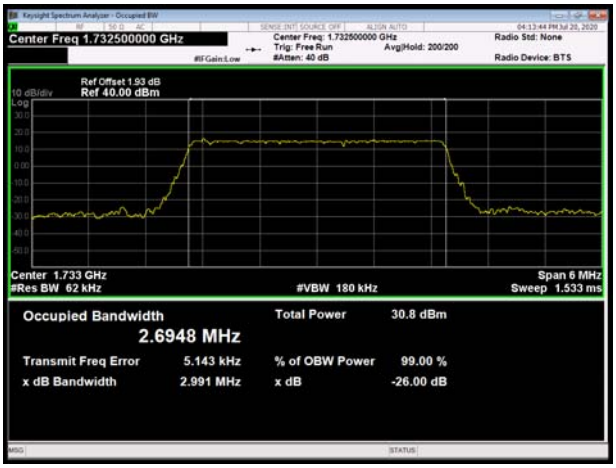
LTE Band 4 QPSK 3MHz CH-Low



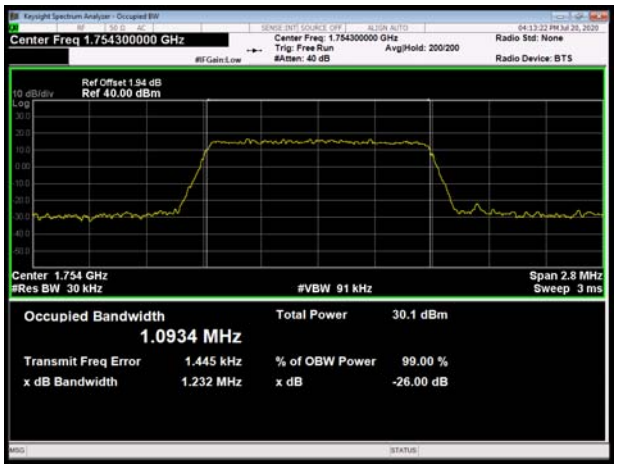
LTE Band 4 QPSK 1.4MHz CH-Middle



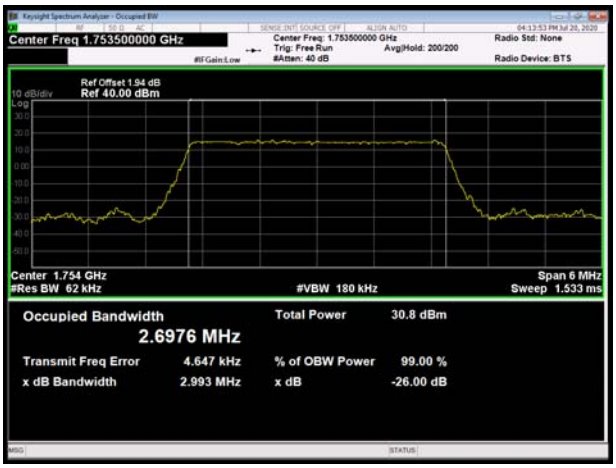
LTE Band 4 QPSK 3MHz CH-Middle



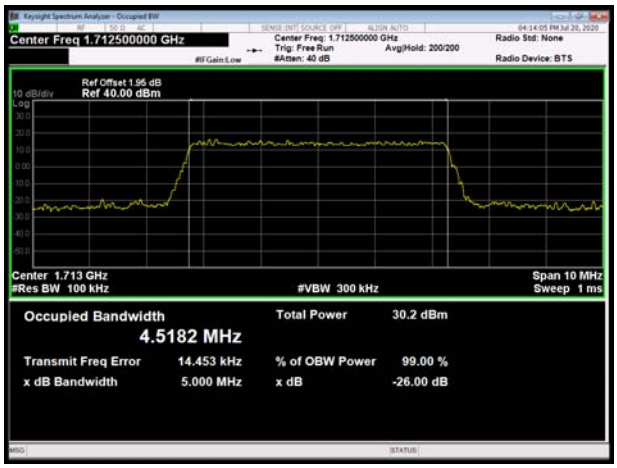
LTE Band 4 QPSK 1.4MHz CH-High



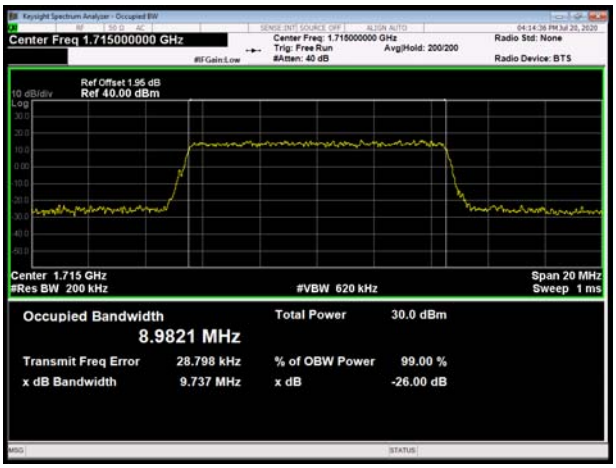
LTE Band 4 QPSK 3MHz CH-High



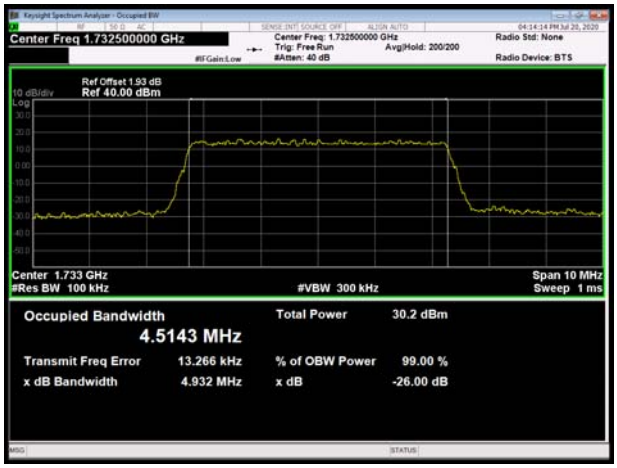
LTE Band 4 QPSK 5MHz CH-Low



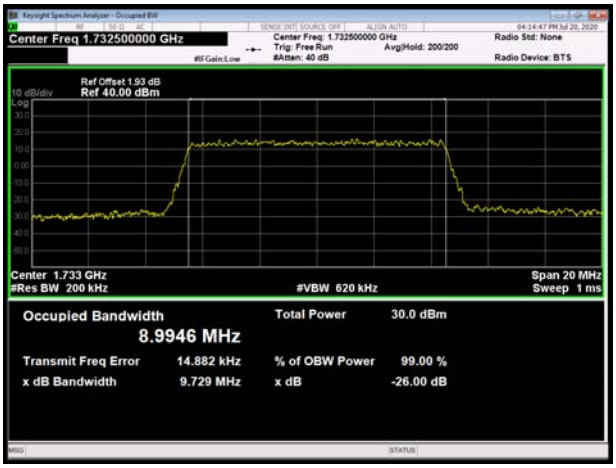
LTE Band 4 QPSK 10MHz CH-Low



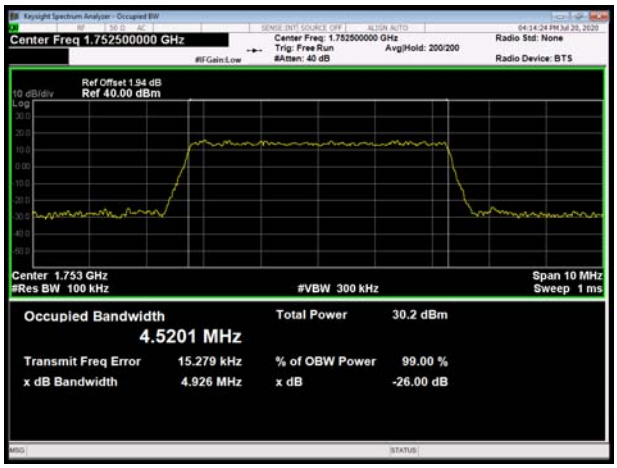
LTE Band 4 QPSK 5MHz CH-Middle



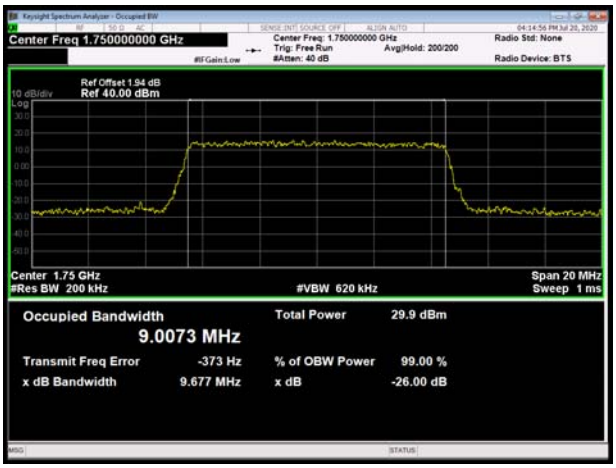
LTE Band 4 QPSK 10MHz CH-Middle



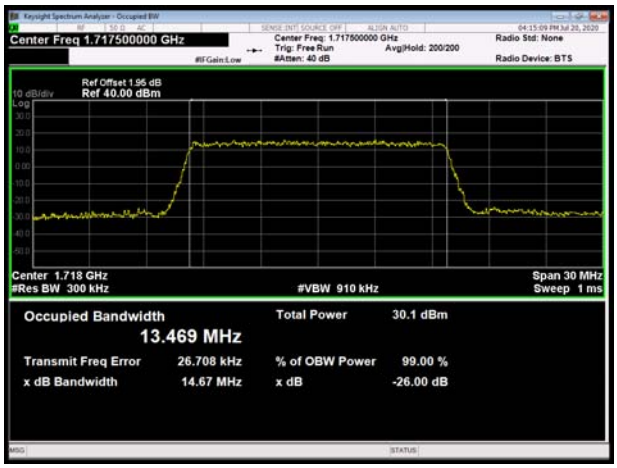
LTE Band 4 QPSK 5MHz CH-High



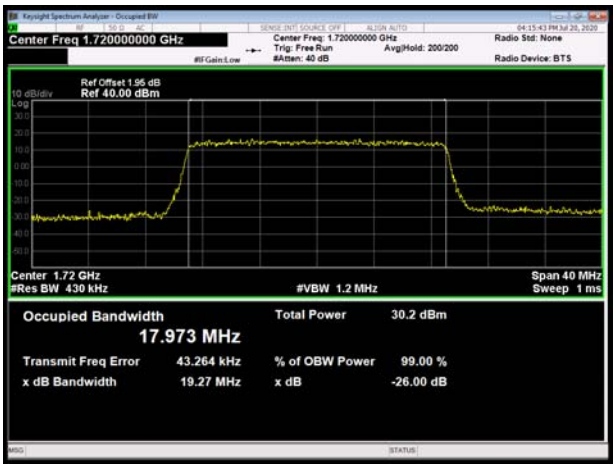
LTE Band 4 QPSK 10MHz CH-High



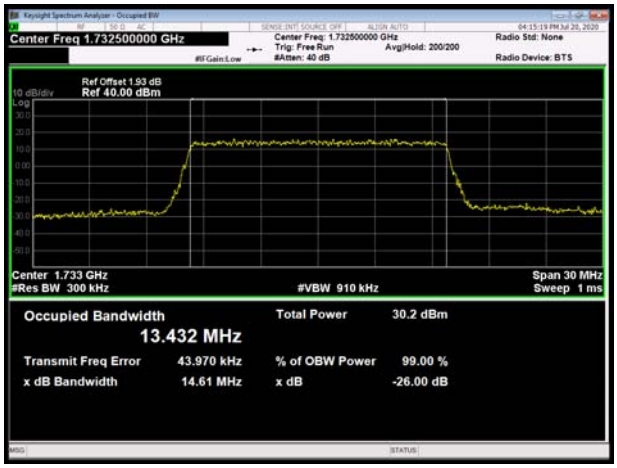
LTE Band 4 QPSK 15MHz CH-Low



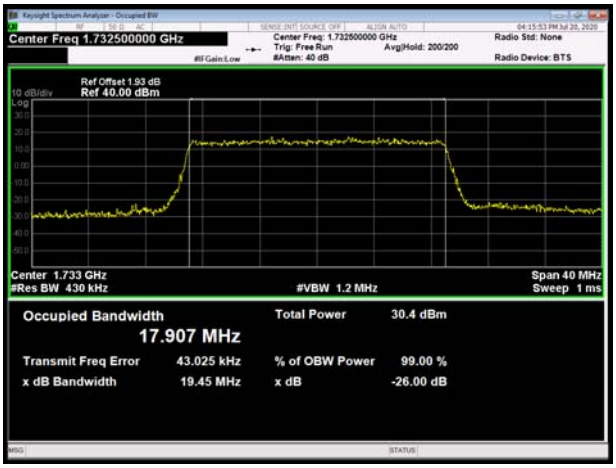
LTE Band 4 QPSK 20MHz CH-Low



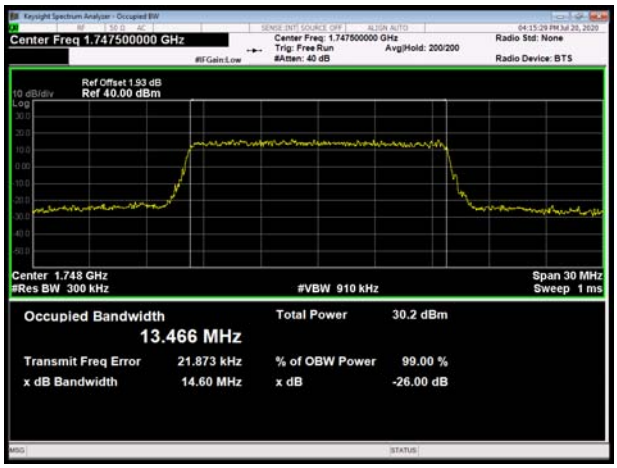
LTE Band 4 QPSK 15MHz CH-Middle



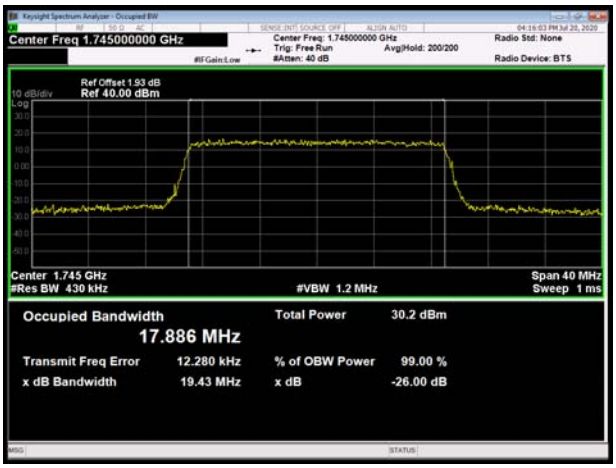
LTE Band 4 QPSK 20MHz CH-Middle



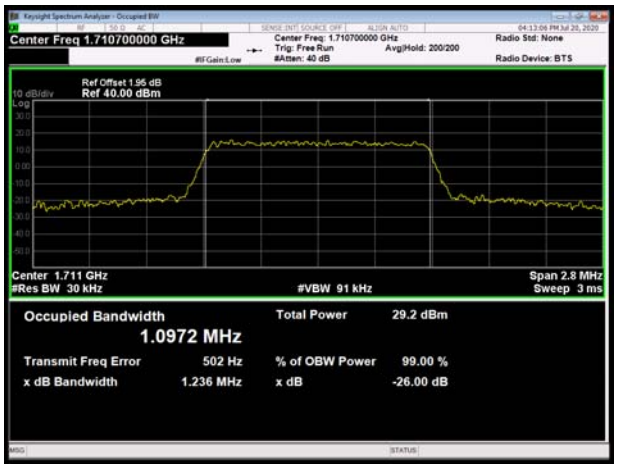
LTE Band 4 QPSK 15MHz CH-High



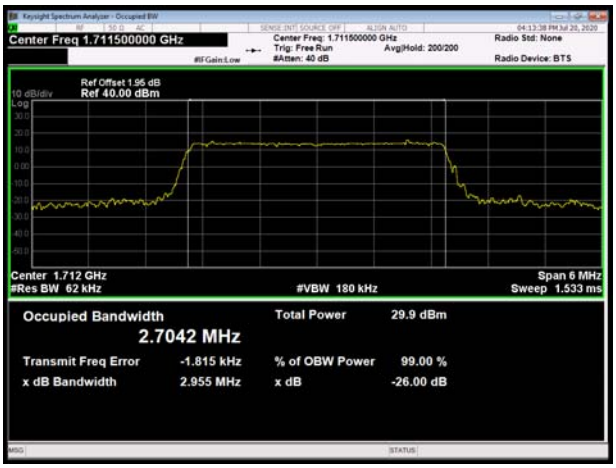
LTE Band 4 QPSK 20MHz CH-High



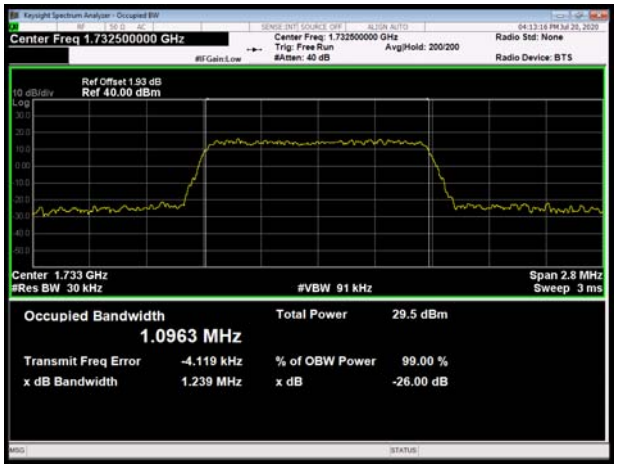
LTE Band 4 16QAM 1.4MHz CH-Low



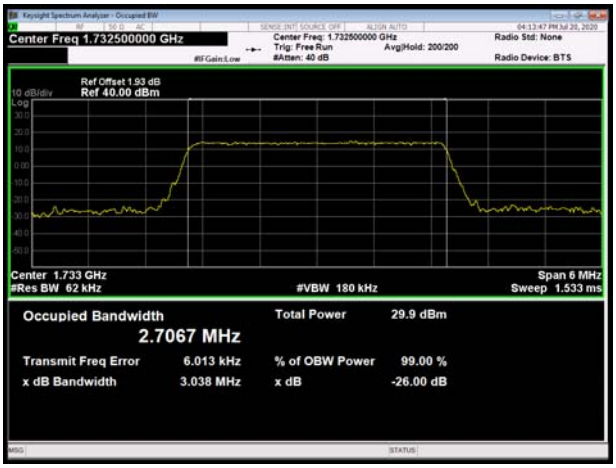
LTE Band 4 16QAM 3MHz CH-Low



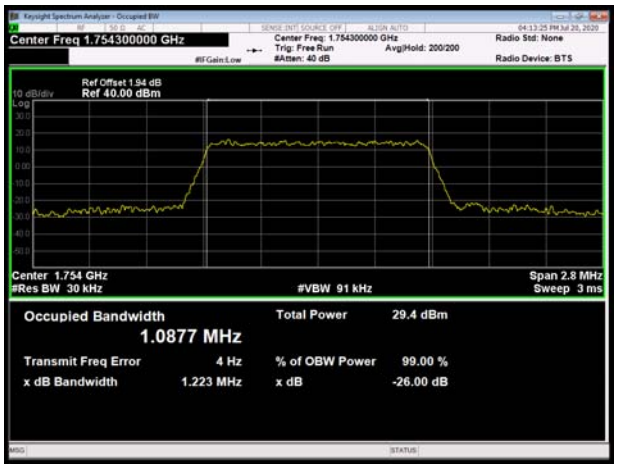
LTE Band 4 16QAM 1.4MHz CH-Middle



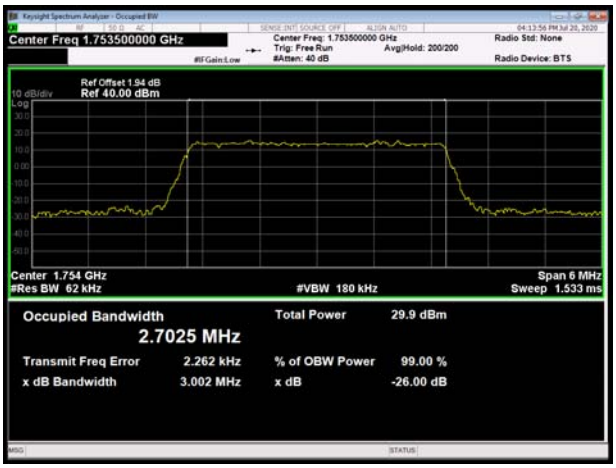
LTE Band 4 16QAM 3MHz CH-Middle



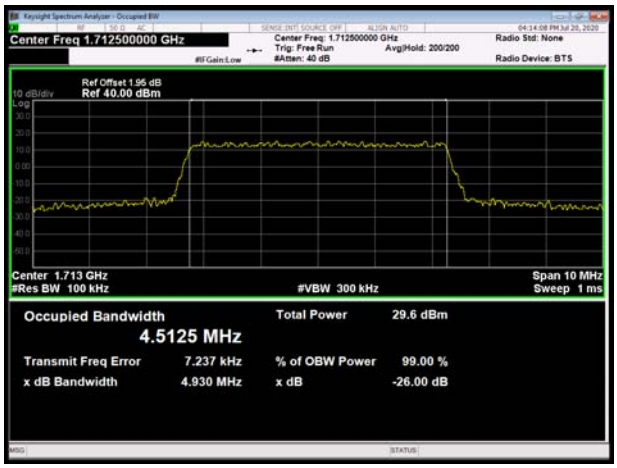
LTE Band 4 16QAM 1.4MHz CH-High



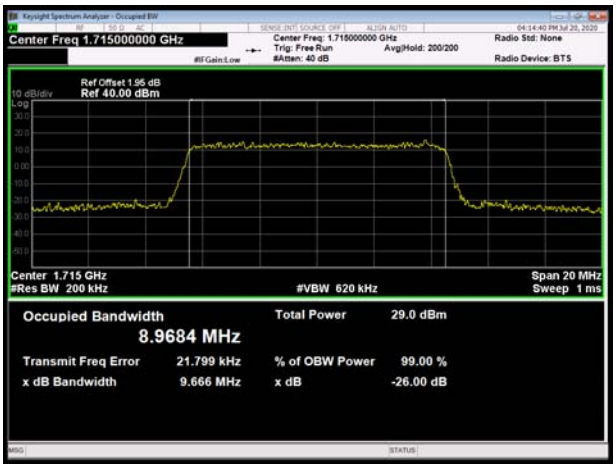
LTE Band 4 16QAM 3MHz CH-High



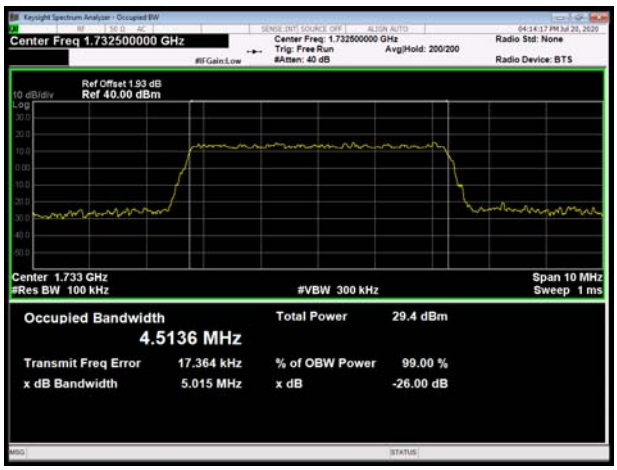
LTE Band 4 16QAM 5MHz CH-Low



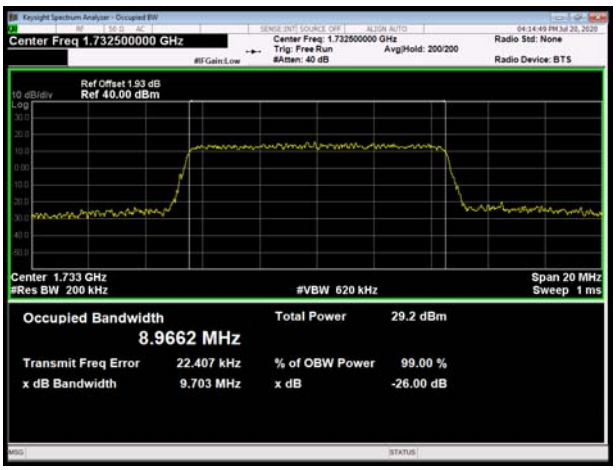
LTE Band 4 16QAM 10MHz CH-Low



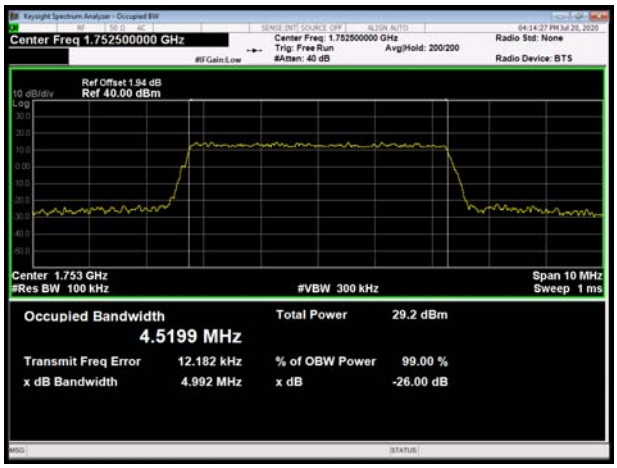
LTE Band 4 16QAM 5MHz CH-Middle



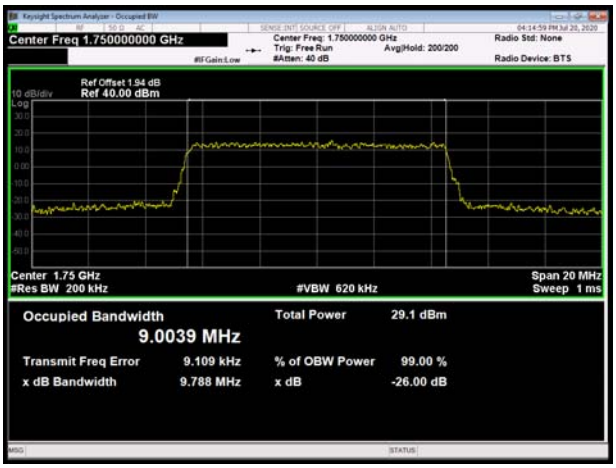
LTE Band 4 16QAM 10MHz CH-Middle



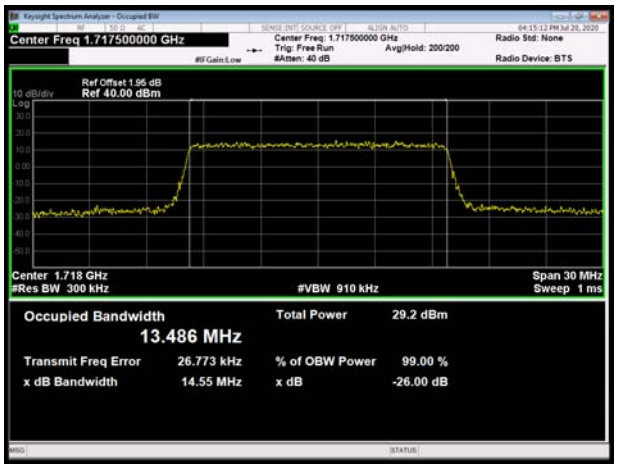
LTE Band 4 16QAM 5MHz CH-High



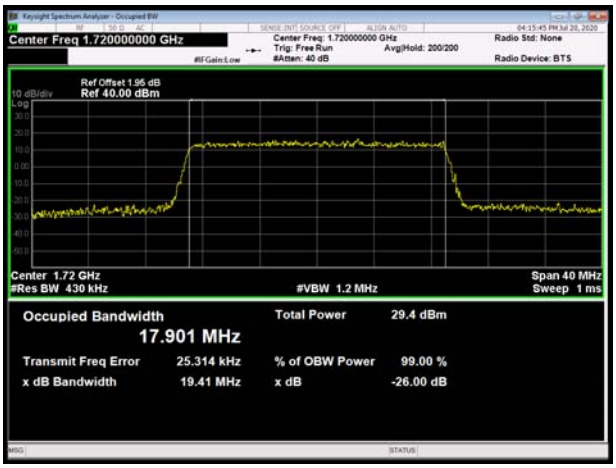
LTE Band 4 16QAM 10MHz CH-High



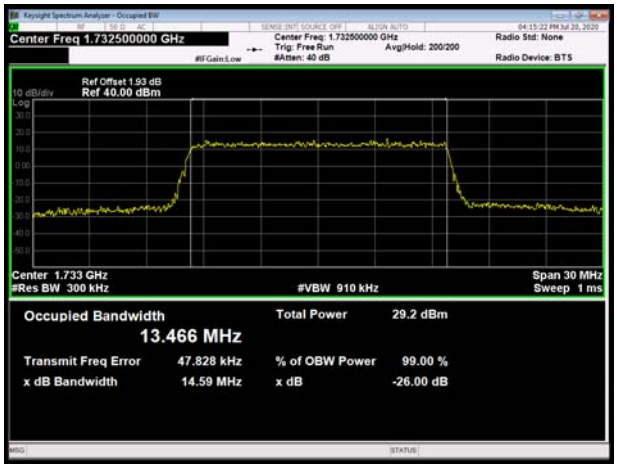
LTE Band 4 16QAM 15MHz CH-Low



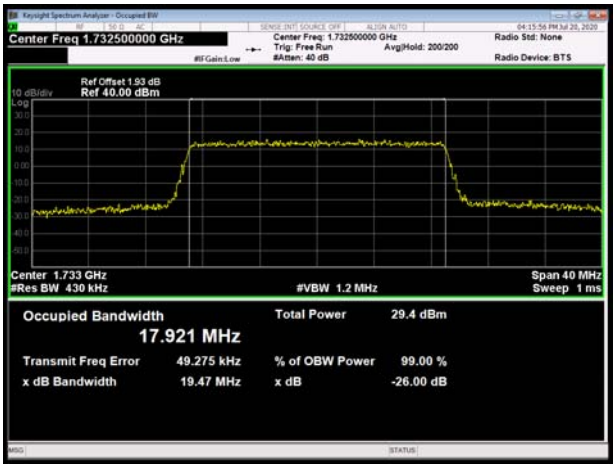
LTE Band 4 16QAM 20MHz CH-Low



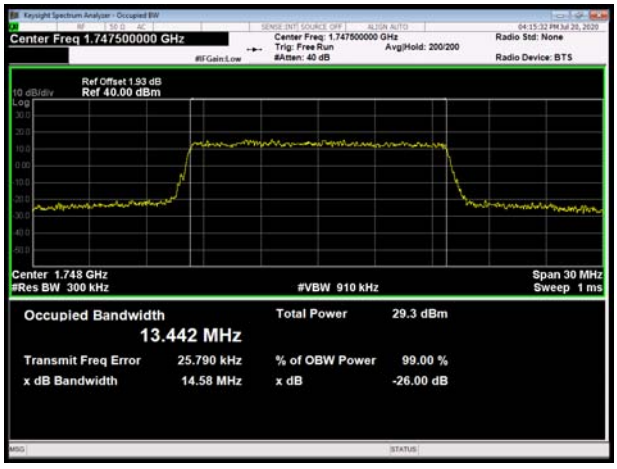
LTE Band 4 16QAM 15MHz CH-Middle



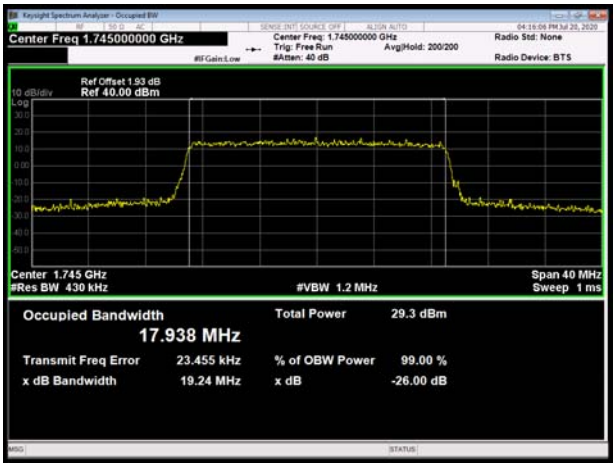
LTE Band 4 16QAM 20MHz CH-Middle



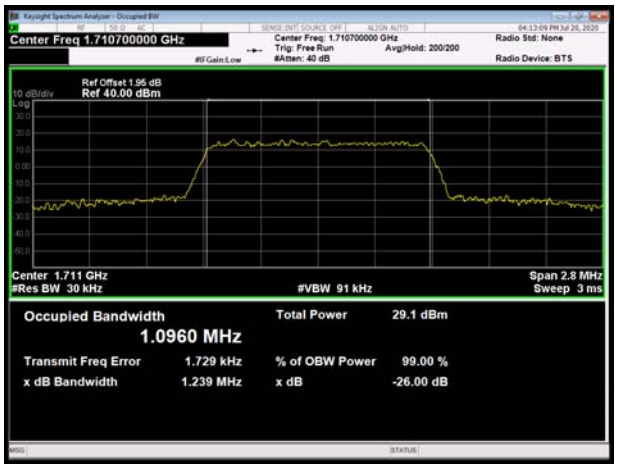
LTE Band 4 16QAM 15MHz CH-High



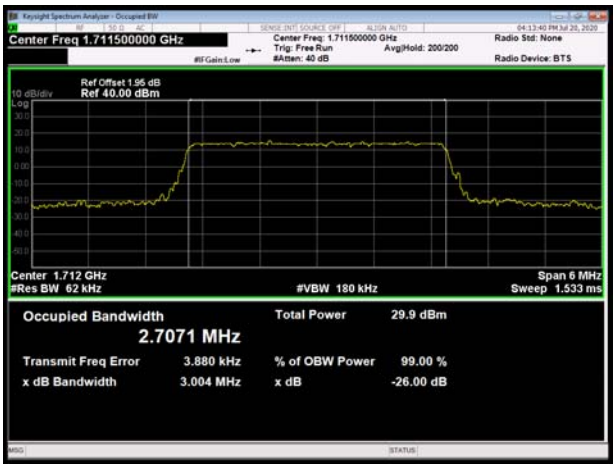
LTE Band 4 16QAM 20MHz CH-High



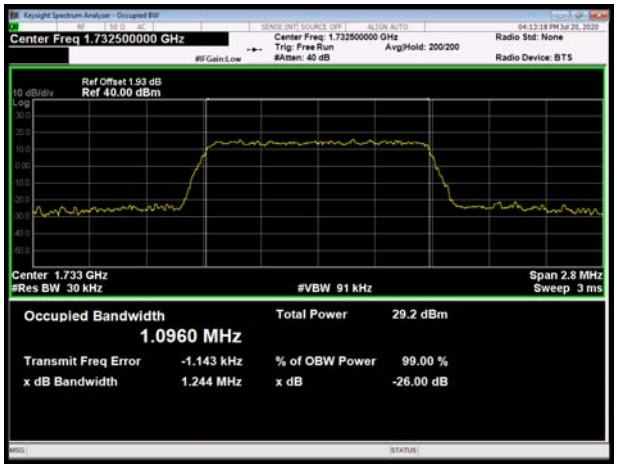
LTE Band 4 64QAM 1.4MHz CH-Low



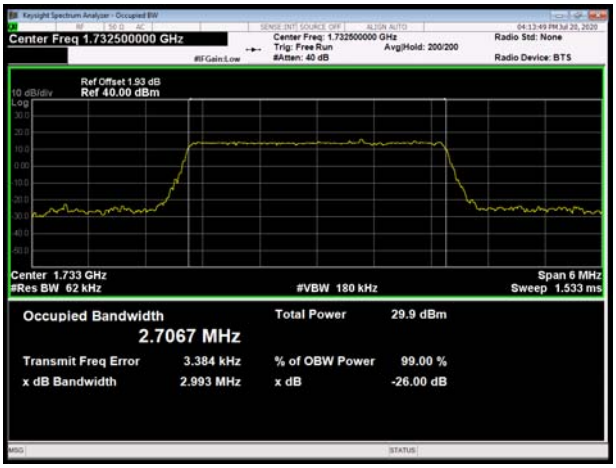
LTE Band 4 64QAM 3MHz CH-Low



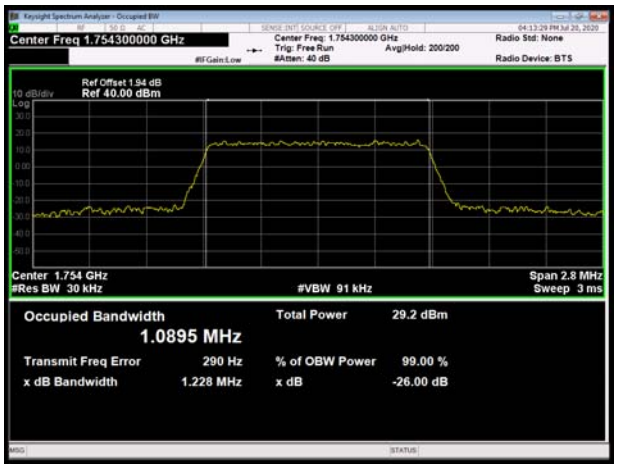
LTE Band 4 64QAM 1.4MHz CH-Middle



LTE Band 4 64QAM 3MHz CH-Middle

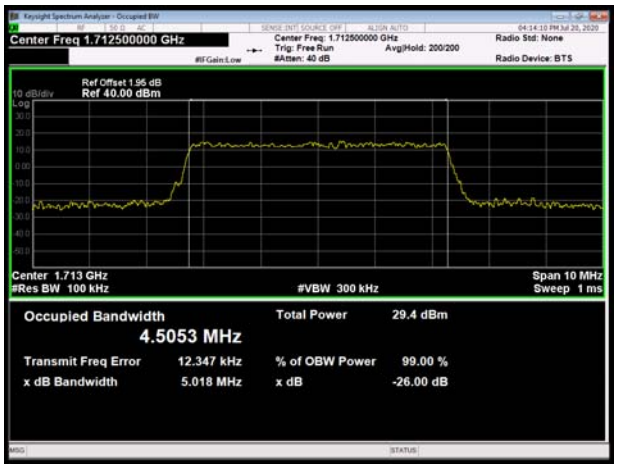


LTE Band 4 64QAM 1.4MHz CH-High

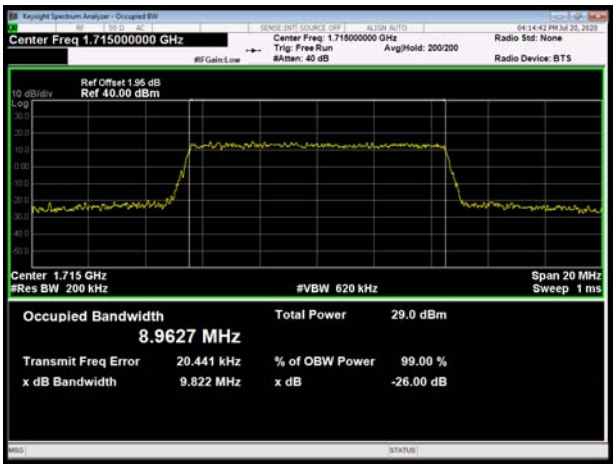


LTE Band 4 64QAM 3MHz CH-High

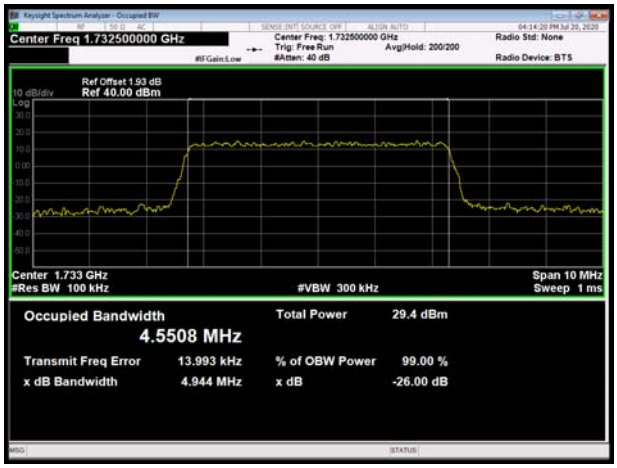
LTE Band 4 64QAM 5MHz CH-Low



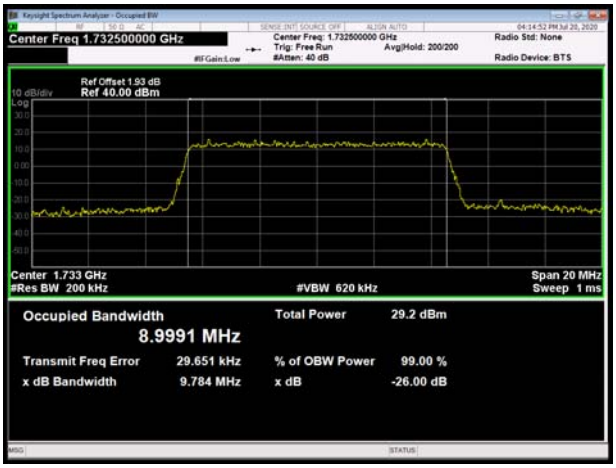
LTE Band 4 64QAM 10MHz CH-Low



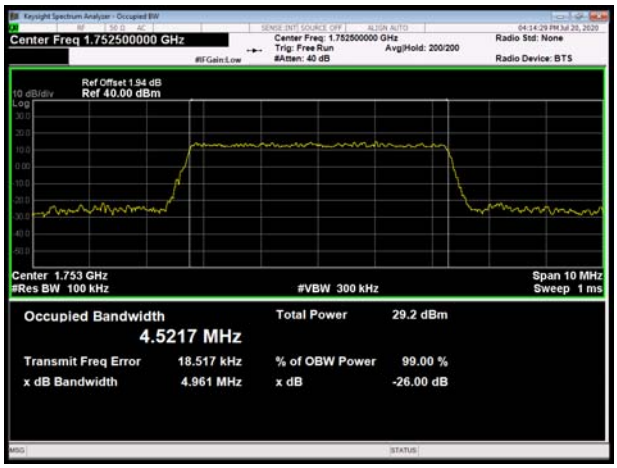
LTE Band 4 64QAM 5MHz CH-Middle



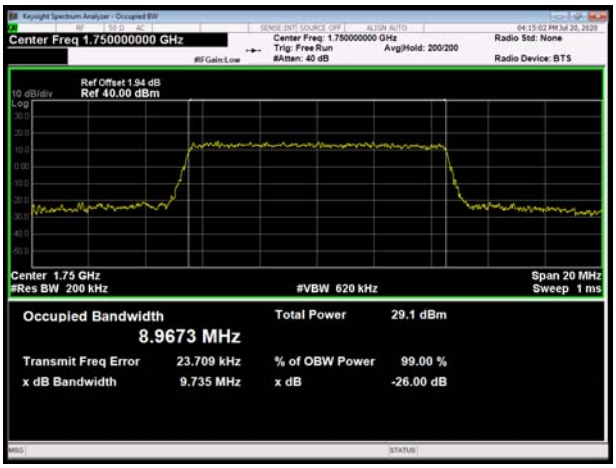
LTE Band 4 64QAM 10MHz CH-Middle



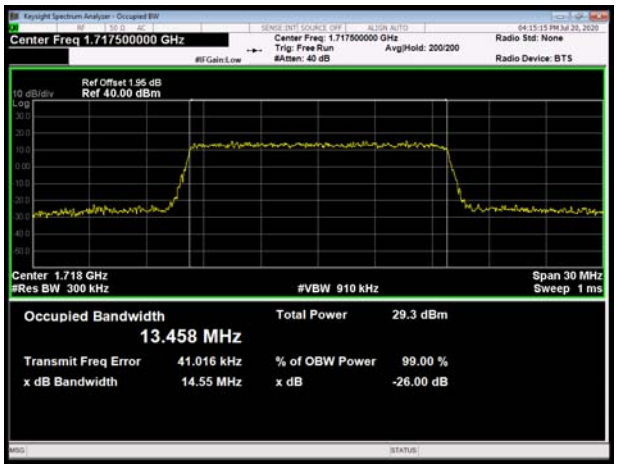
LTE Band 4 64QAM 5MHz CH-High



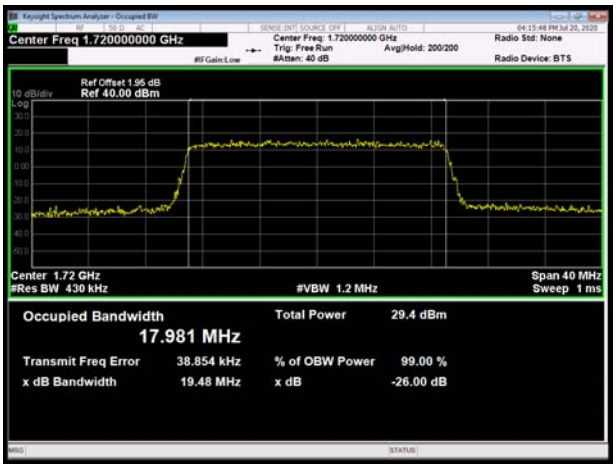
LTE Band 4 64QAM 10MHz CH-High



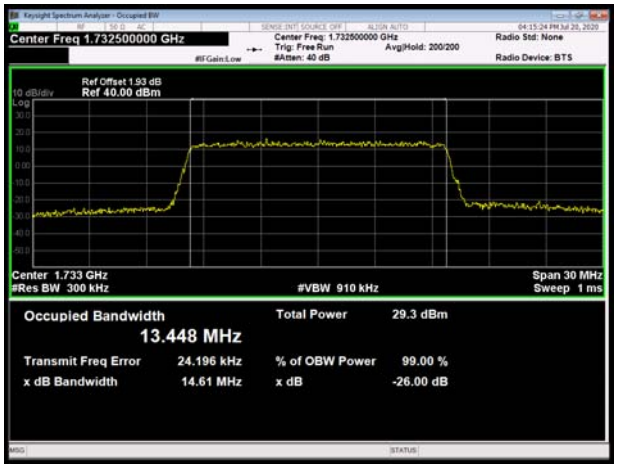
LTE Band 4 64QAM 15MHz CH-Low



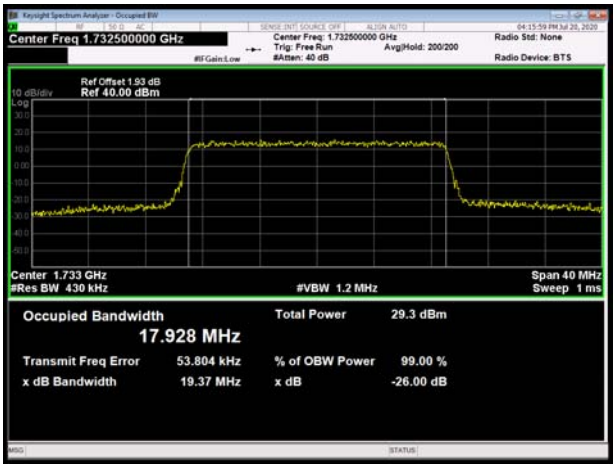
LTE Band 4 64QAM 20MHz CH-Low



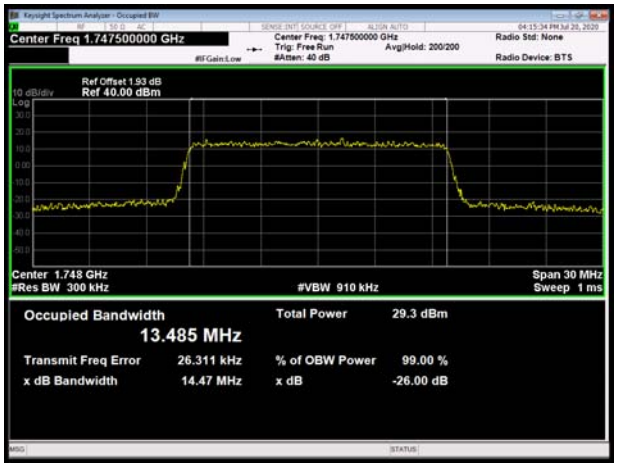
LTE Band 4 64QAM 15MHz CH-Middle



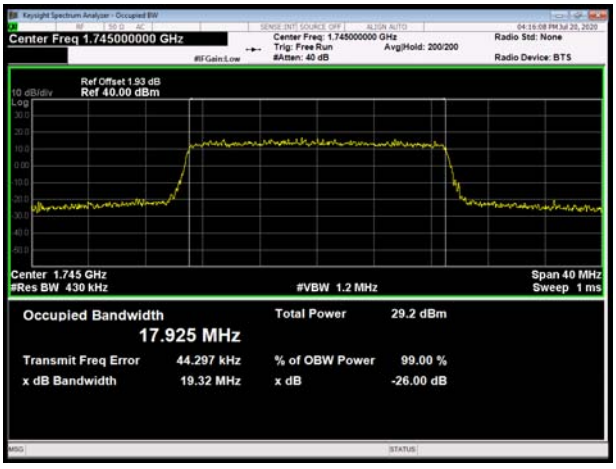
LTE Band 4 64QAM 20MHz CH-Middle



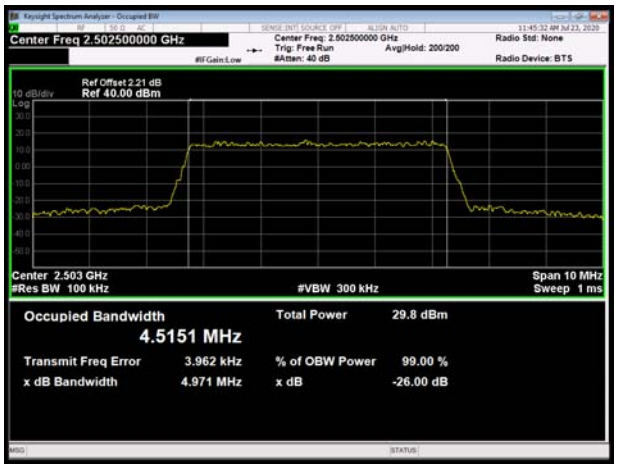
LTE Band 4 64QAM 15MHz CH-High



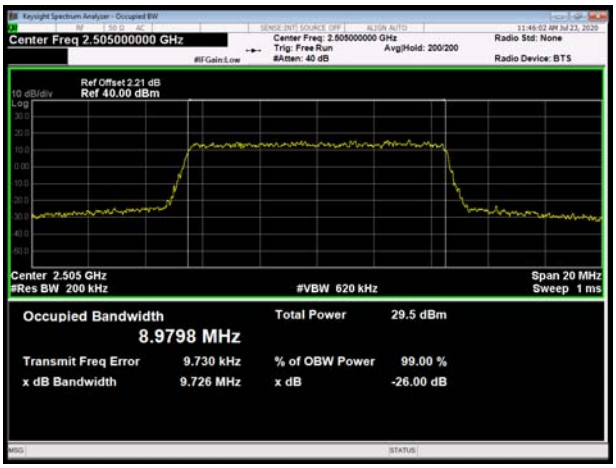
LTE Band 4 64QAM 20MHz CH-High



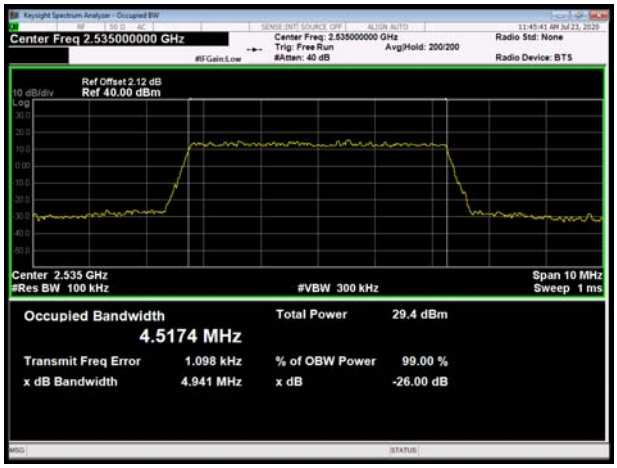
LTE Band 7 QPSK 5MHz CH-Low



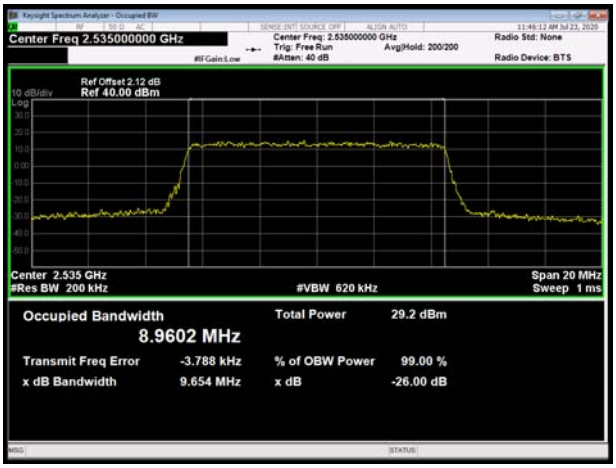
LTE Band 7 QPSK 10MHz CH-Low



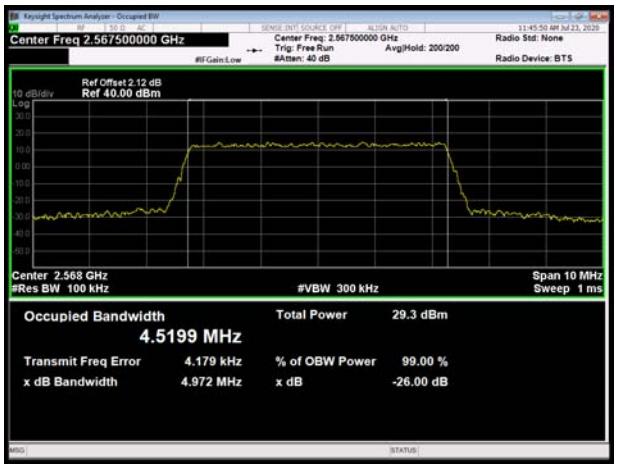
LTE Band 7 QPSK 5MHz CH-Middle



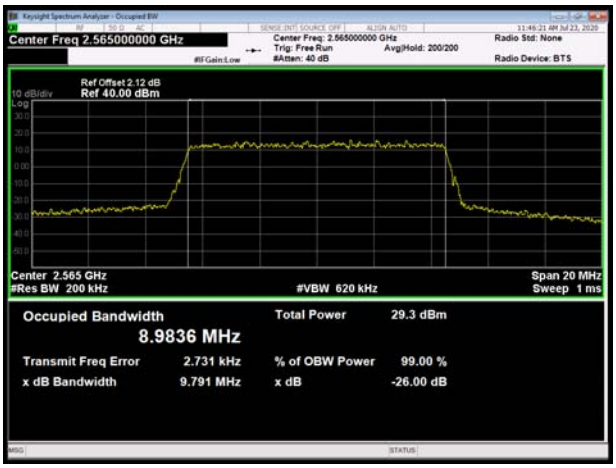
LTE Band 7 QPSK 10MHz CH-Middle



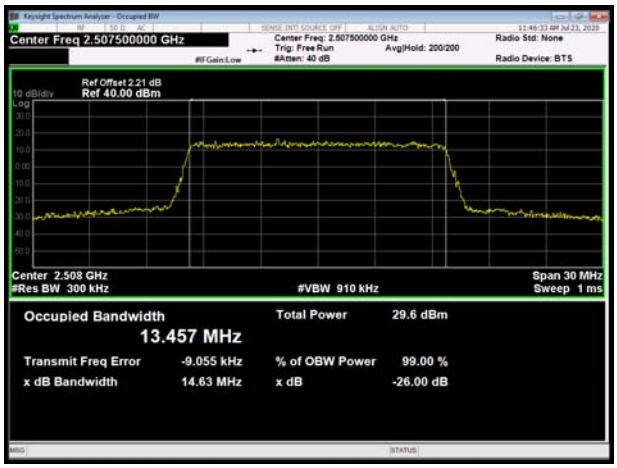
LTE Band 7 QPSK 5MHz CH-High



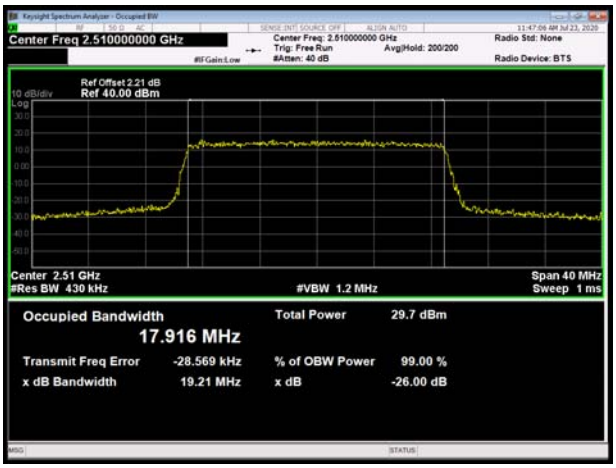
LTE Band 7 QPSK 10MHz CH-High



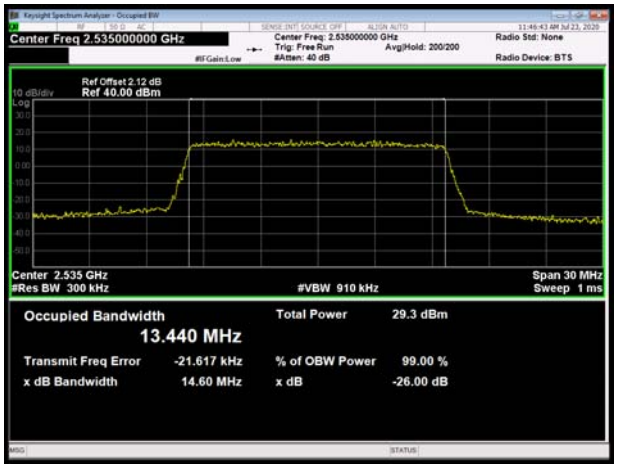
LTE Band 7 QPSK 15MHz CH-Low



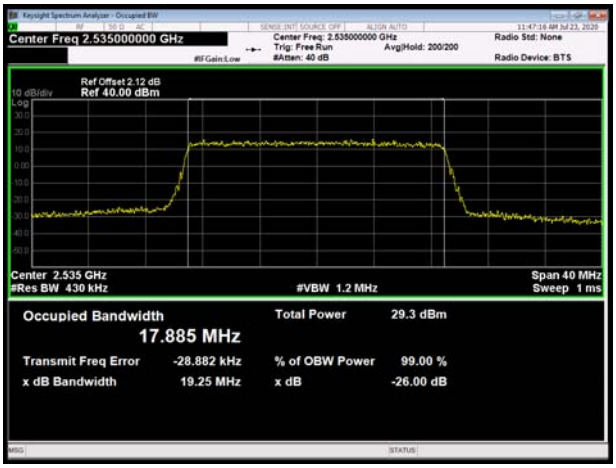
LTE Band 7 QPSK 20MHz CH-Low



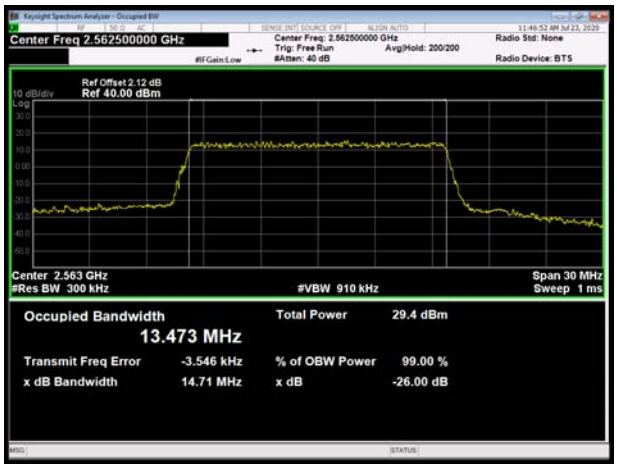
LTE Band 7 QPSK 15MHz CH-Middle



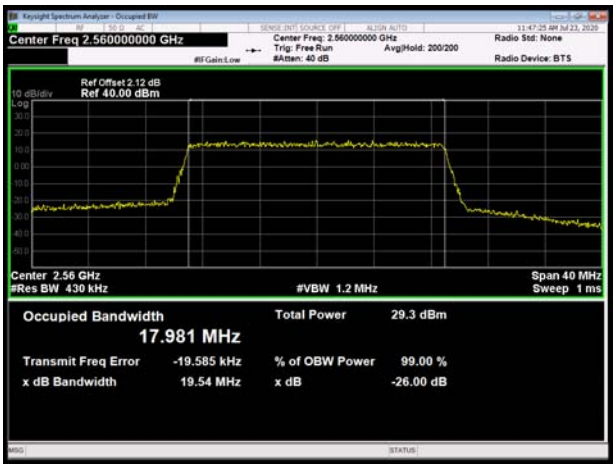
LTE Band 7 QPSK 20MHz CH-Middle



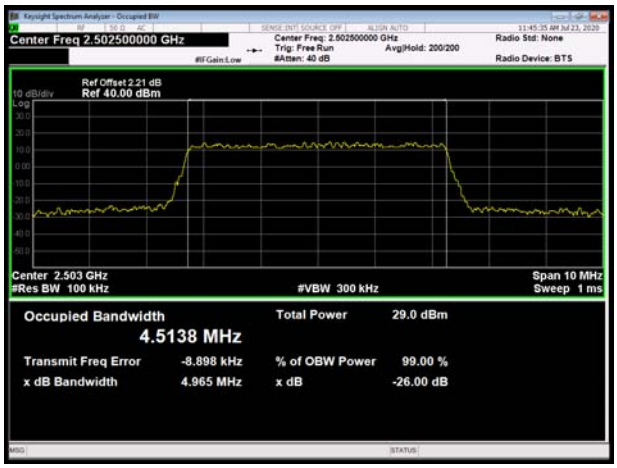
LTE Band 7 QPSK 15MHz CH-High



LTE Band 7 QPSK 20MHz CH-High

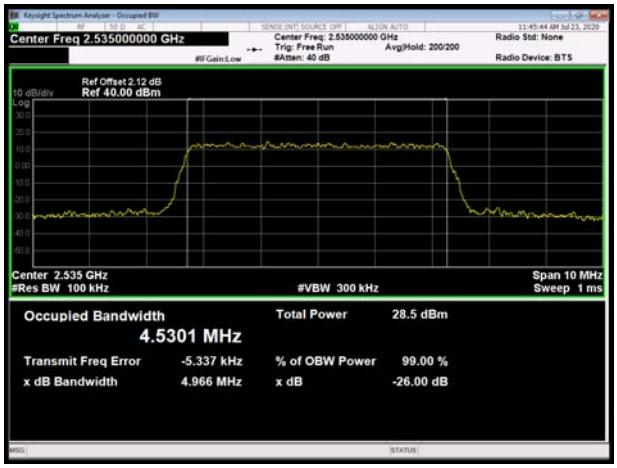


LTE Band 7 16QAM 5MHz CH-Low

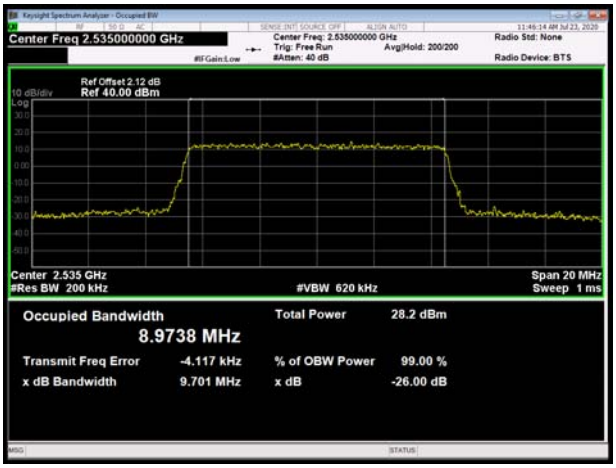


LTE Band 7 16QAM 10MHz CH-Low

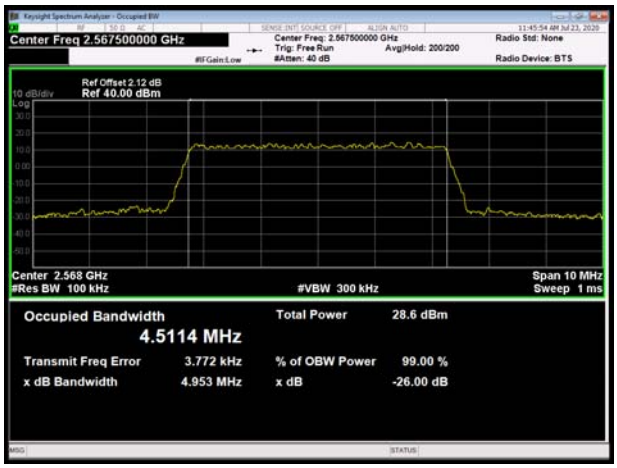
LTE Band 7 16QAM 5MHz CH-Middle



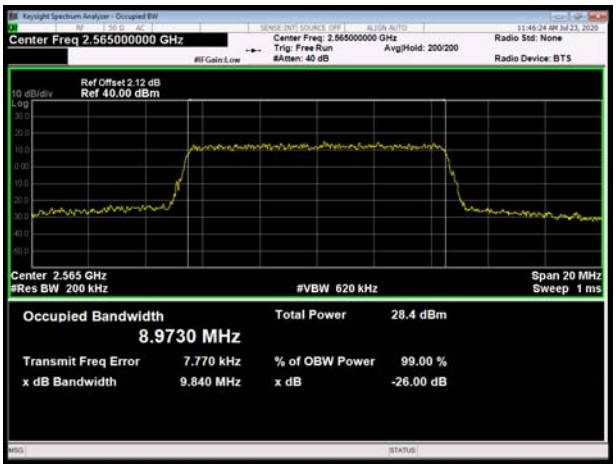
LTE Band 7 16QAM 10MHz CH-Middle



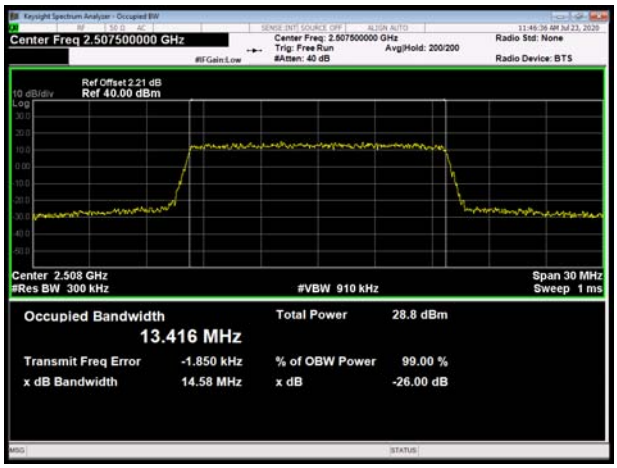
LTE Band 7 16QAM 5MHz CH-High



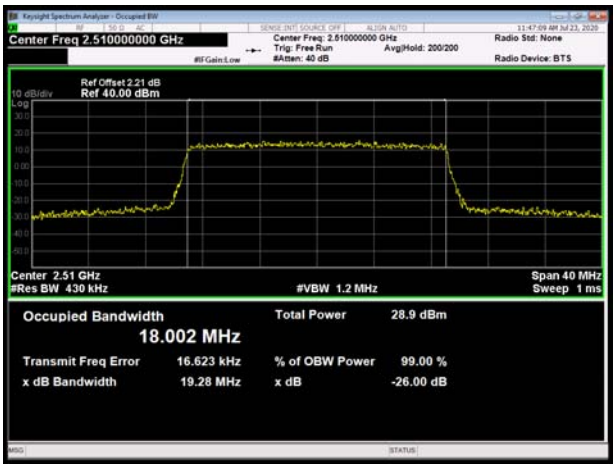
LTE Band 7 16QAM 10MHz CH-High



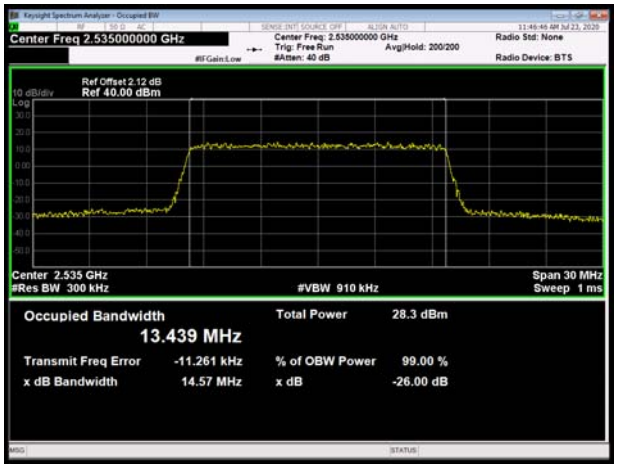
LTE Band 7 16QAM 15MHz CH-Low



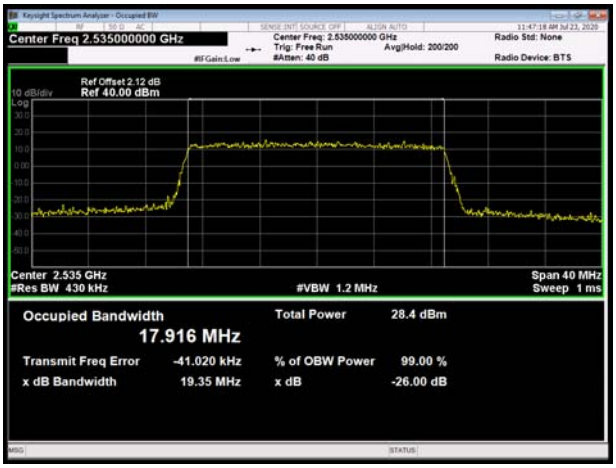
LTE Band 7 16QAM 20MHz CH-Low



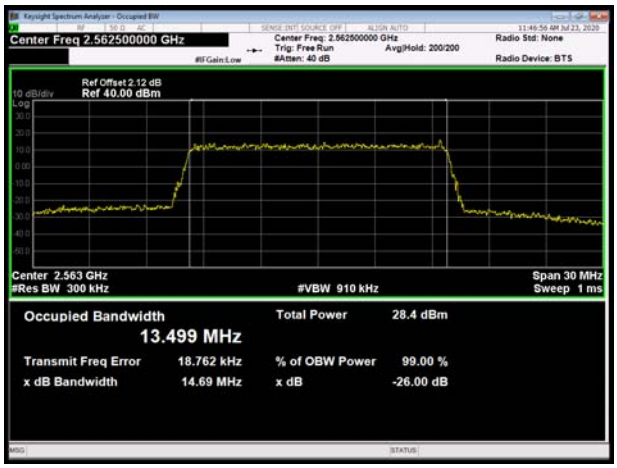
LTE Band 7 16QAM 15MHz CH-Middle



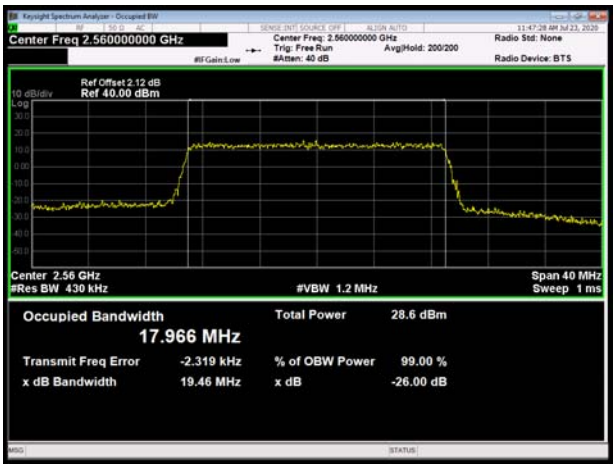
LTE Band 7 16QAM 20MHz CH-Middle



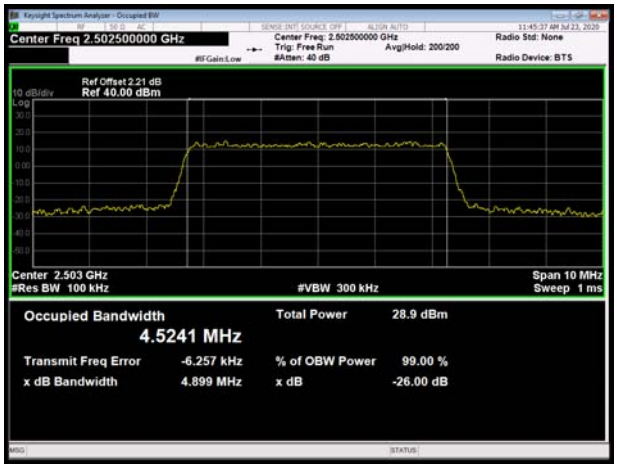
LTE Band 7 16QAM 15MHz CH-High



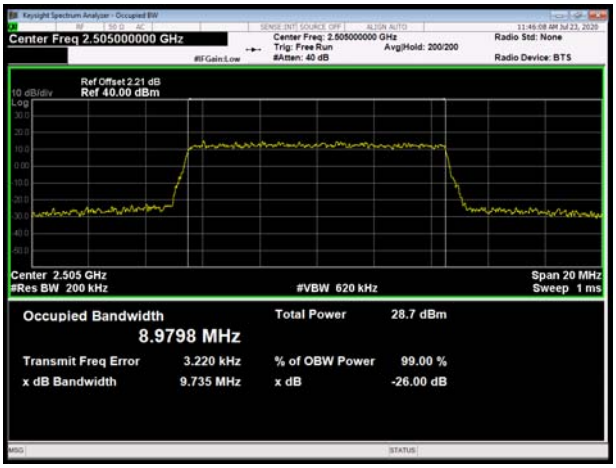
LTE Band 7 16QAM 20MHz CH-High



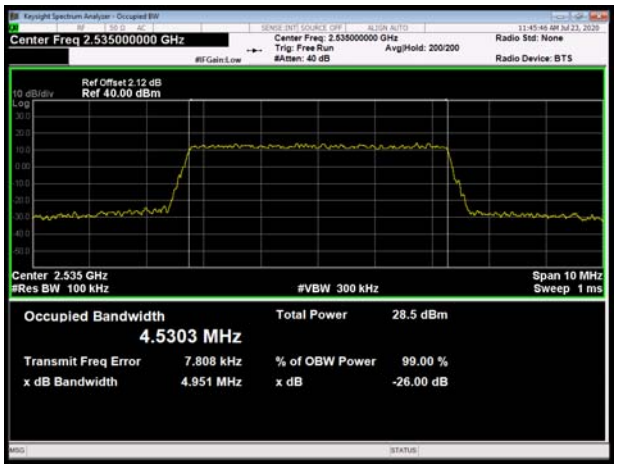
LTE Band 7 64QAM 5MHz CH-Low



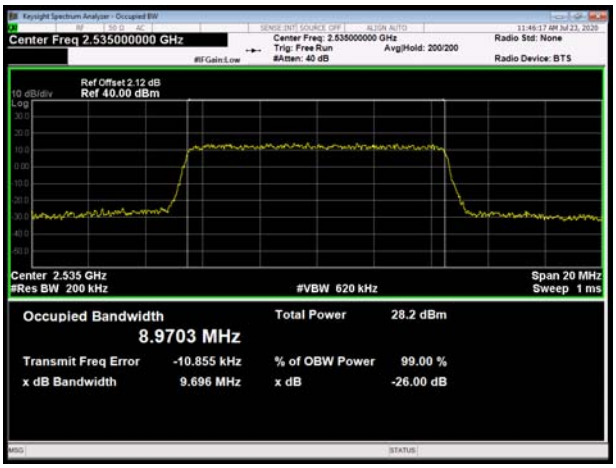
LTE Band 7 64QAM 10MHz CH-Low



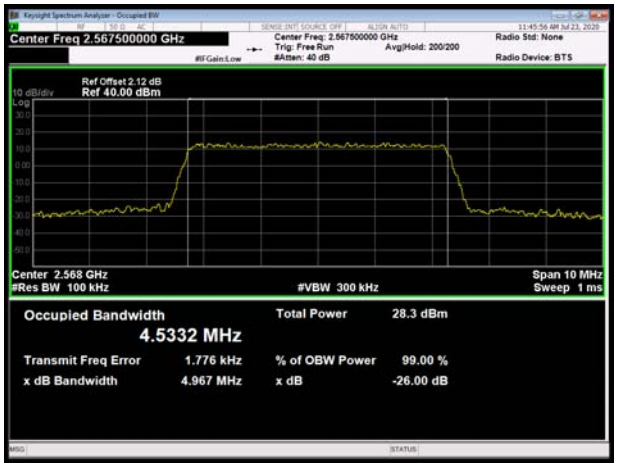
LTE Band 7 64QAM 5MHz CH-Middle



LTE Band 7 64QAM 10MHz CH-Middle

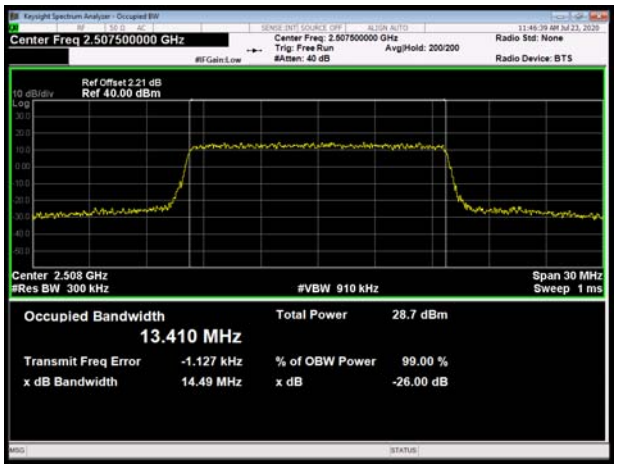


LTE Band 7 64QAM 5MHz CH-High

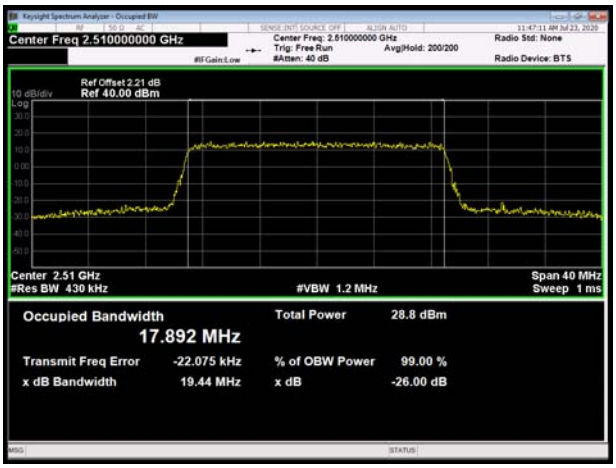


LTE Band 7 64QAM 10MHz CH-High

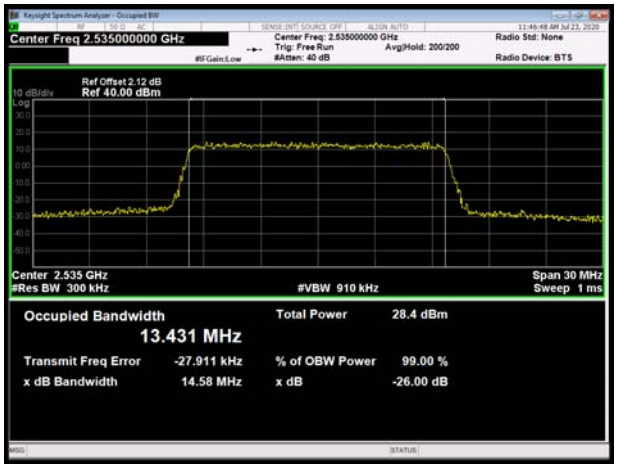
LTE Band 7 64QAM 15MHz CH-Low



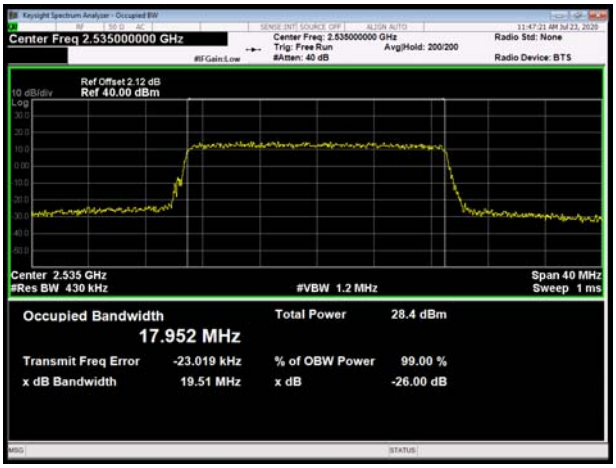
LTE Band 7 64QAM 20MHz CH-Low



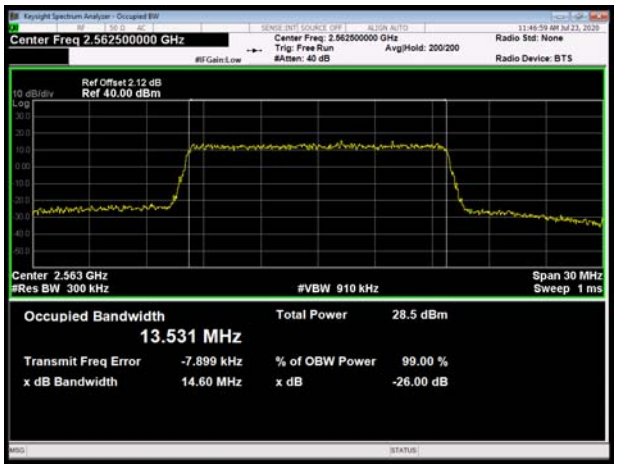
LTE Band 7 64QAM 15MHz CH-Middle



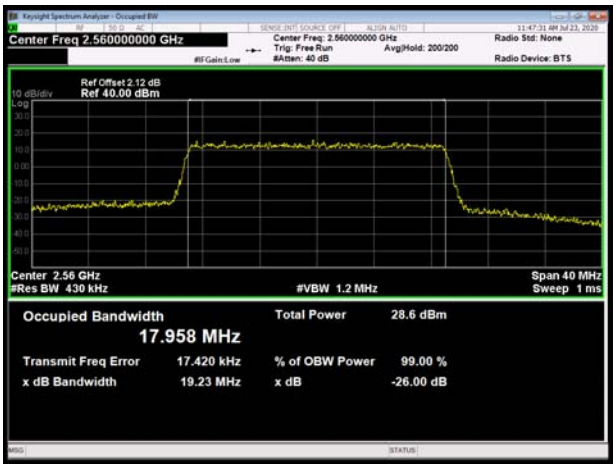
LTE Band 7 64QAM 20MHz CH-Middle



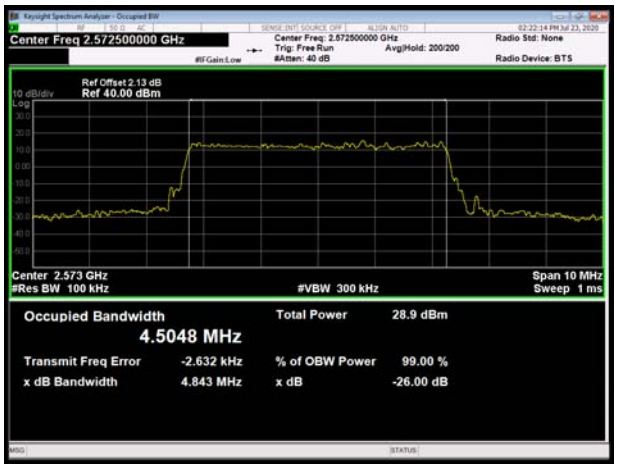
LTE Band 7 64QAM 15MHz CH-High



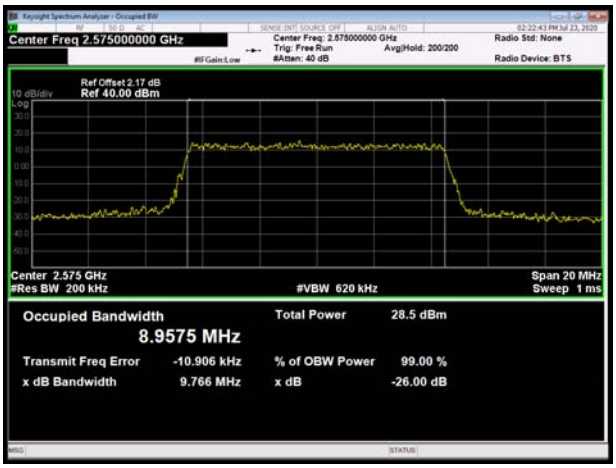
LTE Band 7 64QAM 20MHz CH-High



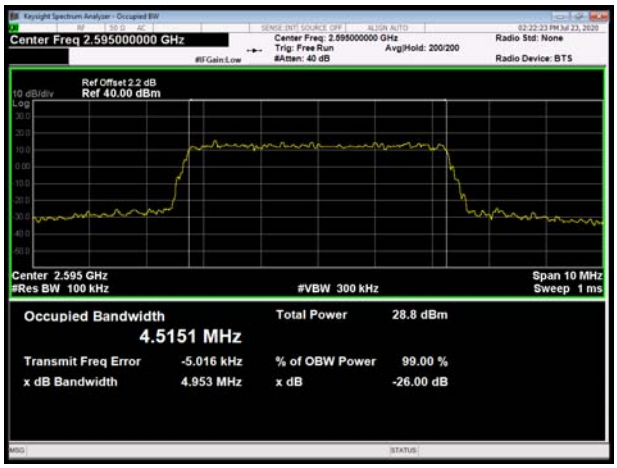
LTE Band 38 QPSK 5MHz CH-Low



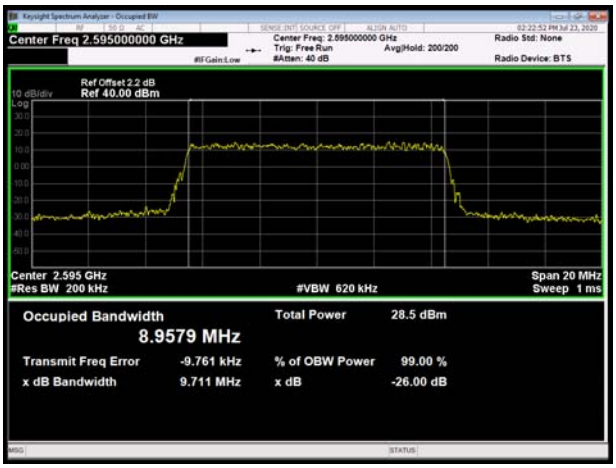
LTE Band 38 QPSK 10MHz CH-Low



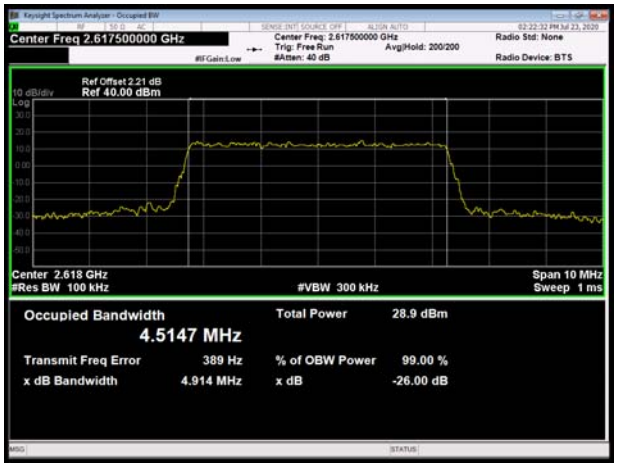
LTE Band 38 QPSK 5MHz CH-Middle



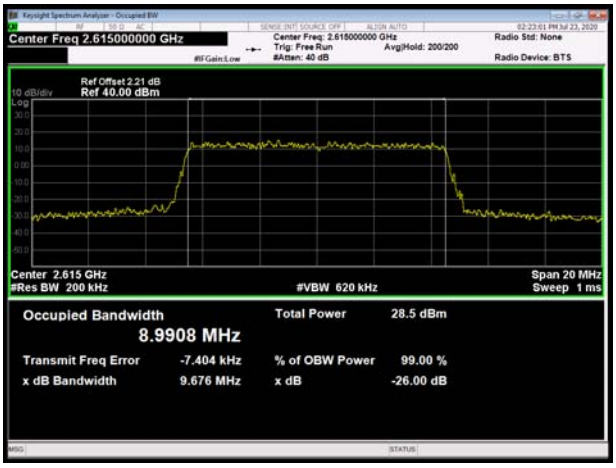
LTE Band 38 QPSK 10MHz CH-Middle



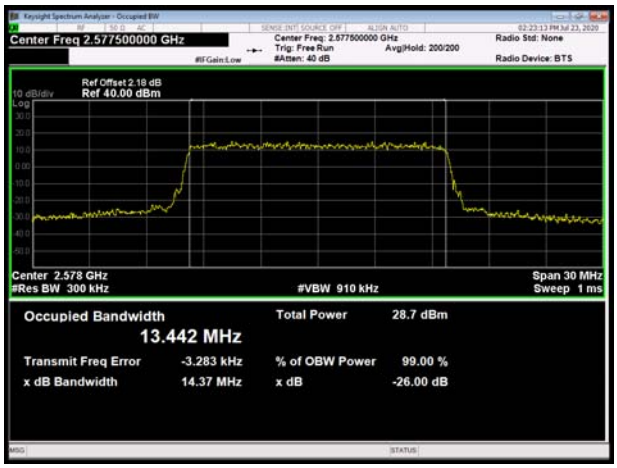
LTE Band 38 QPSK 5MHz CH-High



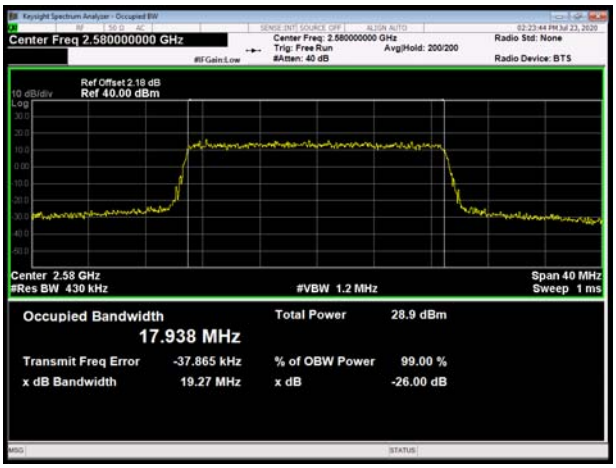
LTE Band 38 QPSK 10MHz CH-High



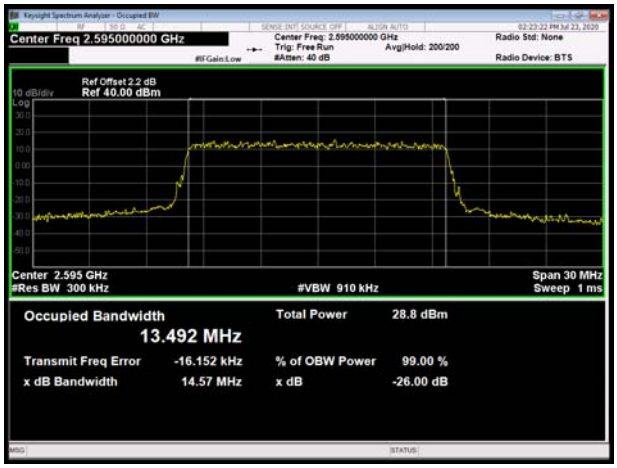
LTE Band 38 QPSK 15MHz CH-Low



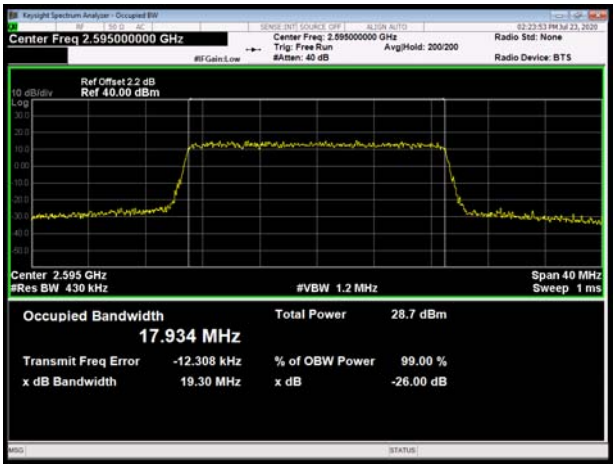
LTE Band 38 QPSK 20MHz CH-Low



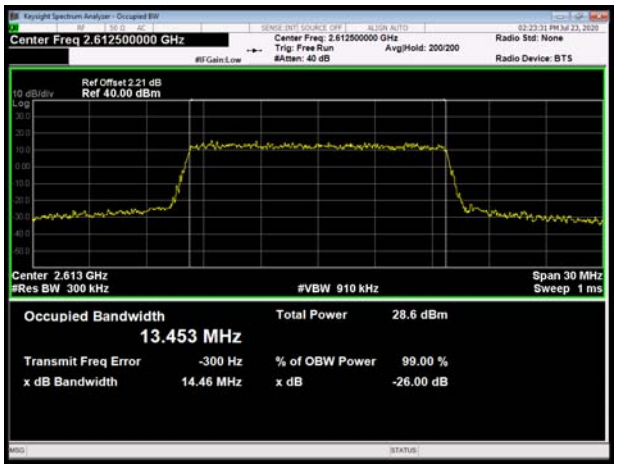
LTE Band 38 QPSK 15MHz CH-Middle



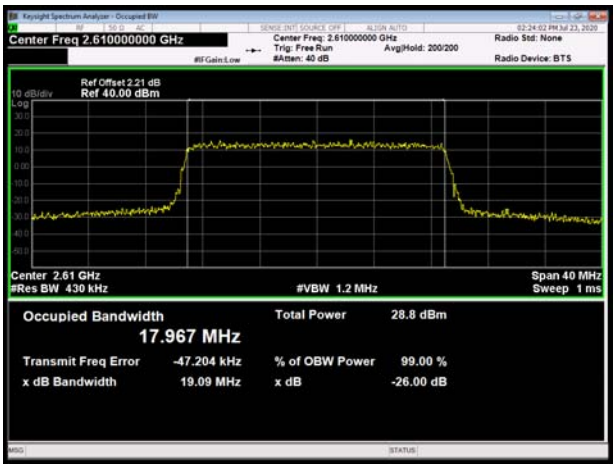
LTE Band 38 QPSK 20MHz CH-Middle



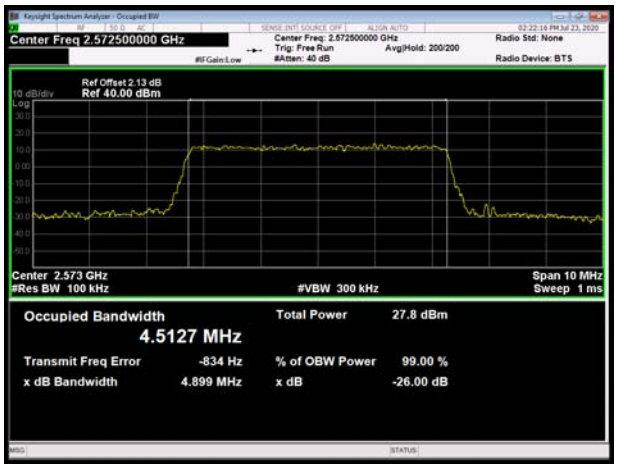
LTE Band 38 QPSK 15MHz CH-High



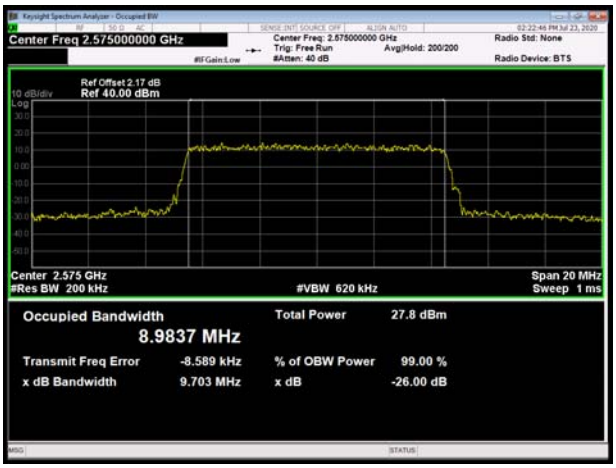
LTE Band 38 QPSK 20MHz CH-High



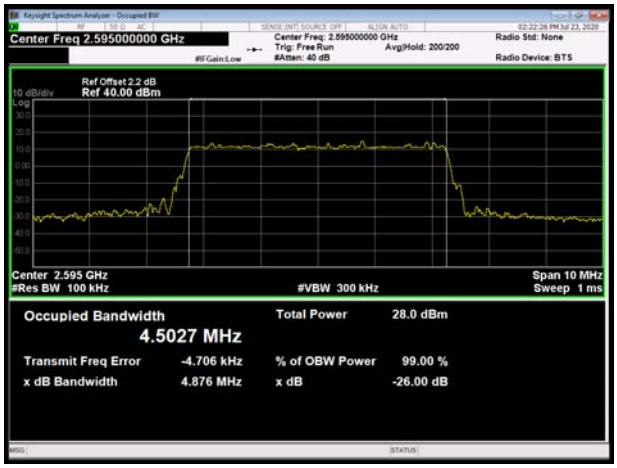
LTE Band 38 16QAM 5MHz CH-Low



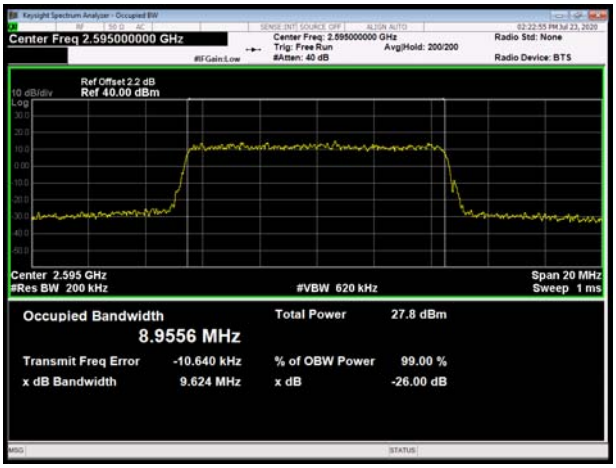
LTE Band 38 16QAM 10MHz CH-Low



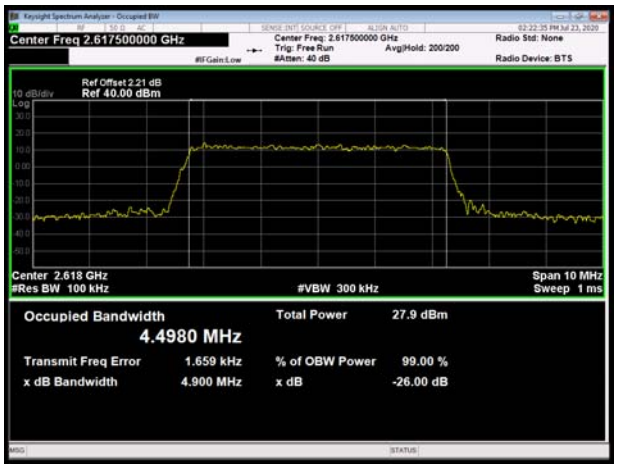
LTE Band 38 16QAM 5MHz CH-Middle



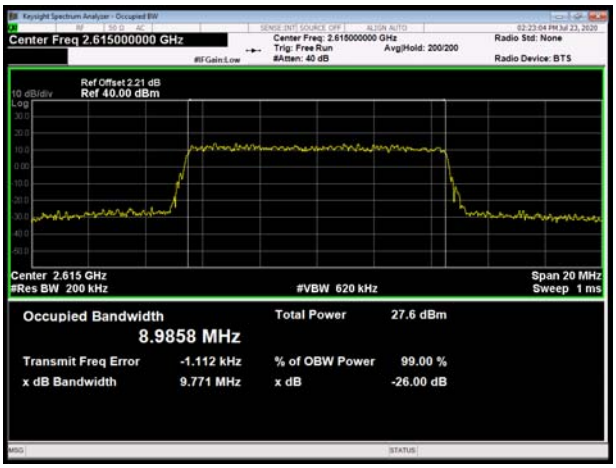
LTE Band 38 16QAM 10MHz CH-Middle



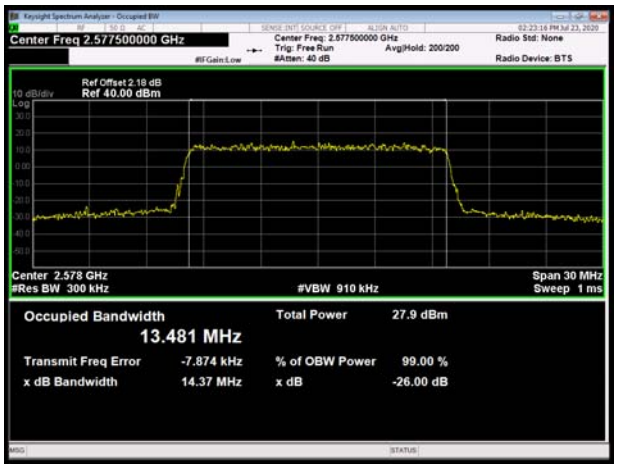
LTE Band 38 16QAM 5MHz CH-High



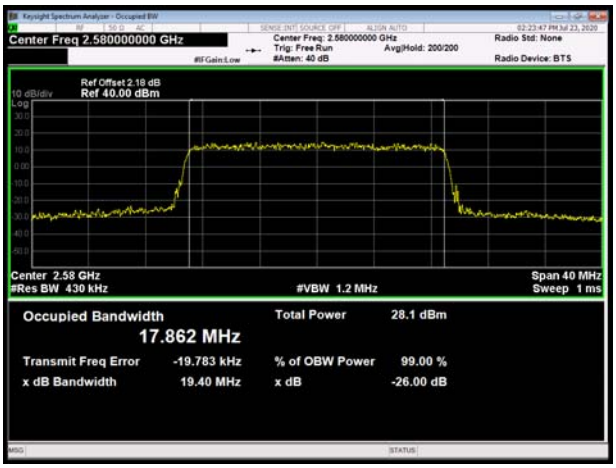
LTE Band 38 16QAM 10MHz CH-High



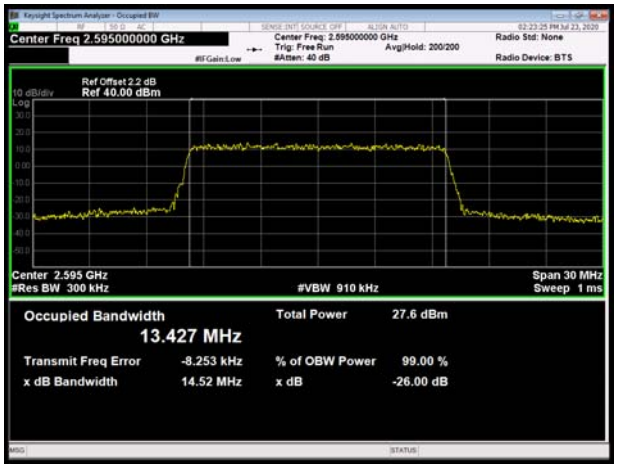
LTE Band 38 16QAM 15MHz CH-Low



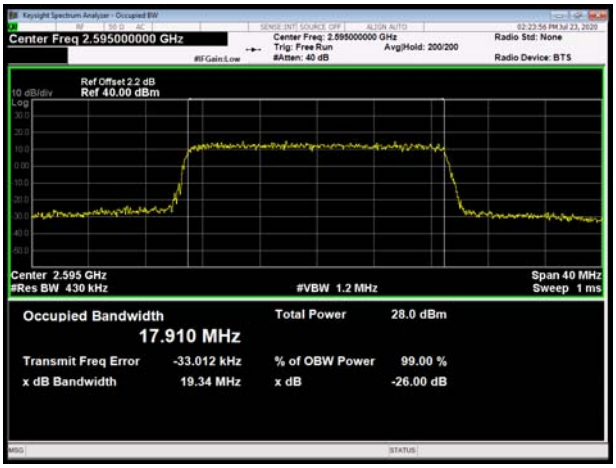
LTE Band 38 16QAM 20MHz CH-Low



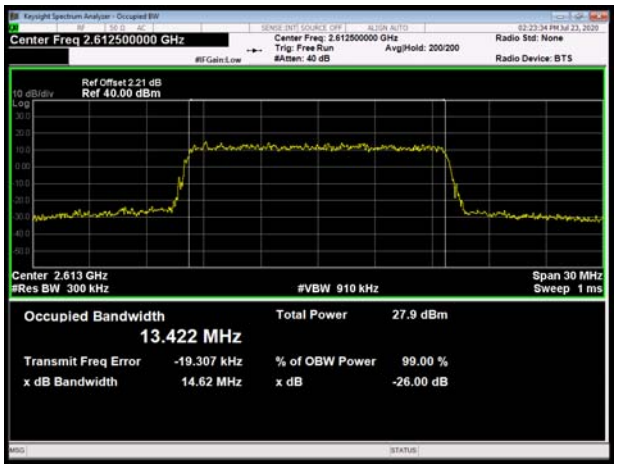
LTE Band 38 16QAM 15MHz CH-Middle



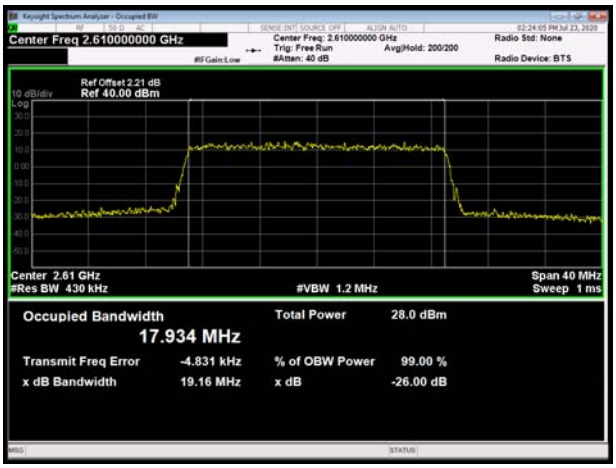
LTE Band 38 16QAM 20MHz CH-Middle



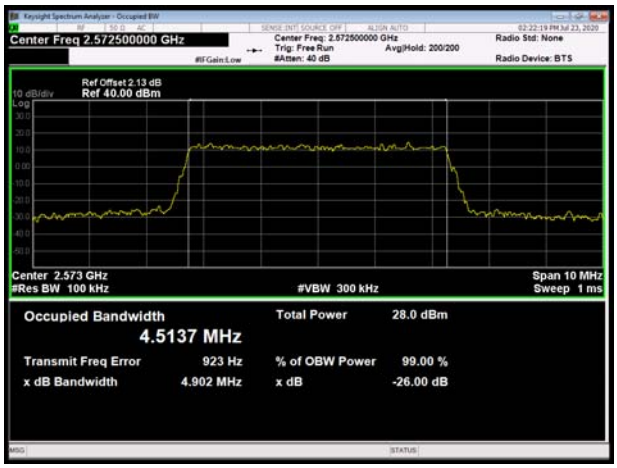
LTE Band 38 16QAM 15MHz CH-High



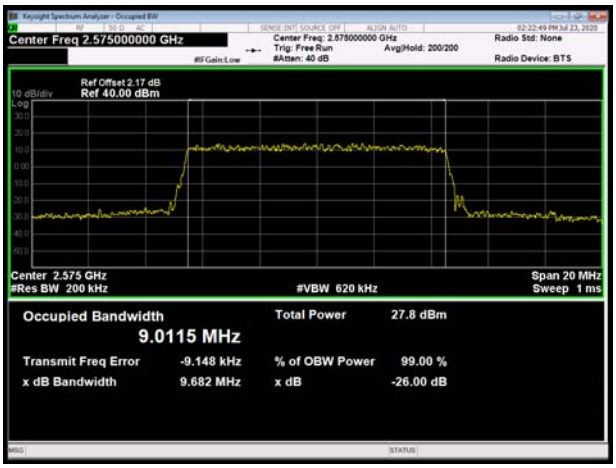
LTE Band 38 16QAM 20MHz CH-High



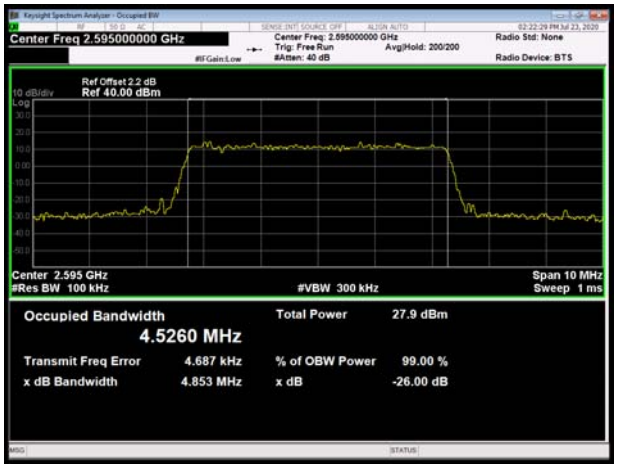
LTE Band 38 64QAM 5MHz CH-Low



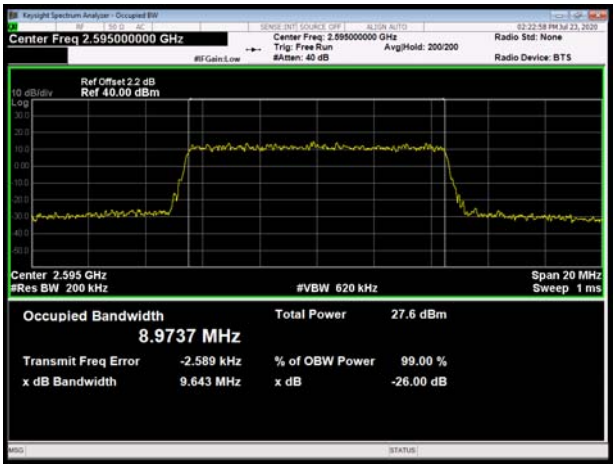
LTE Band 38 64QAM 10MHz CH-Low



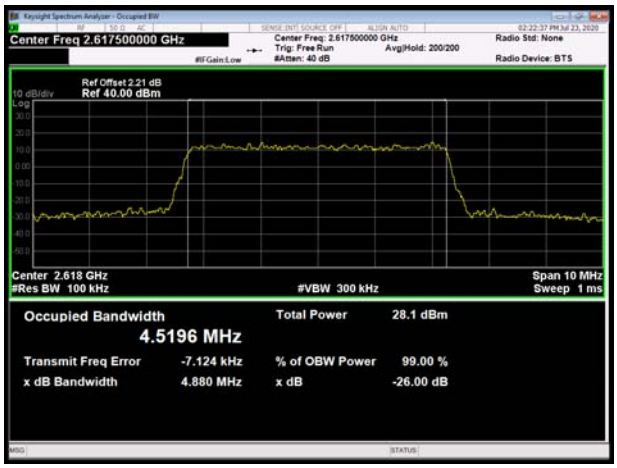
LTE Band 38 64QAM 5MHz CH-Middle



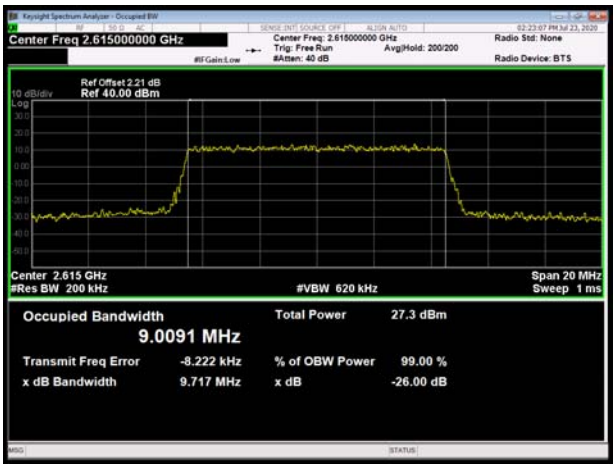
LTE Band 38 64QAM 10MHz CH-Middle



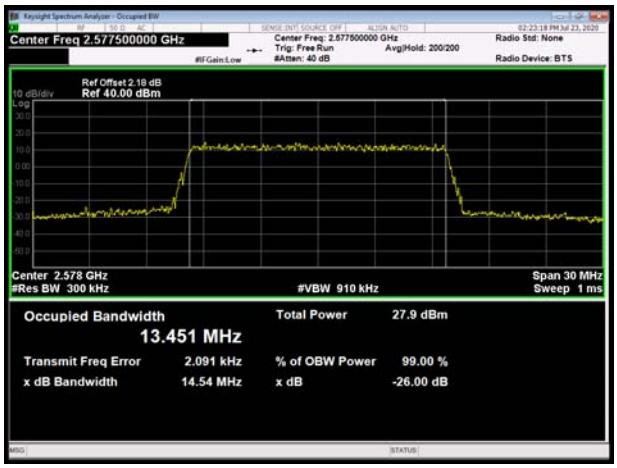
LTE Band 38 64QAM 5MHz CH-High



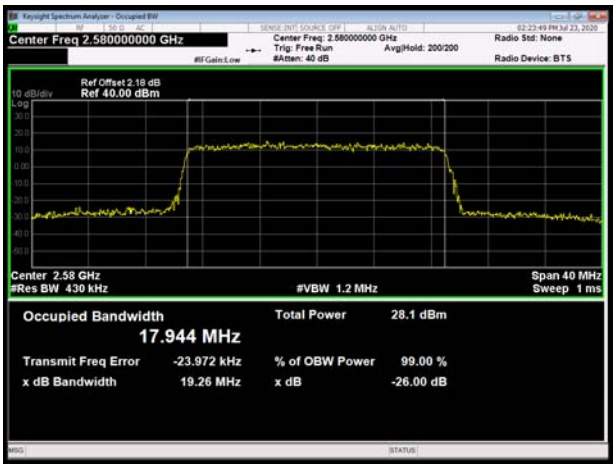
LTE Band 38 64QAM 10MHz CH-High



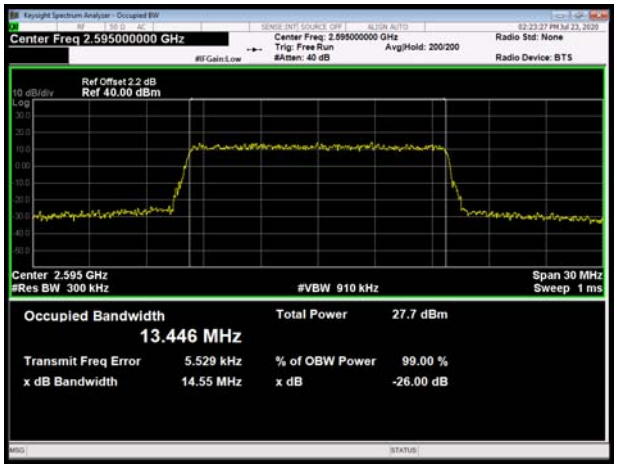
LTE Band 38 64QAM 15MHz CH-Low



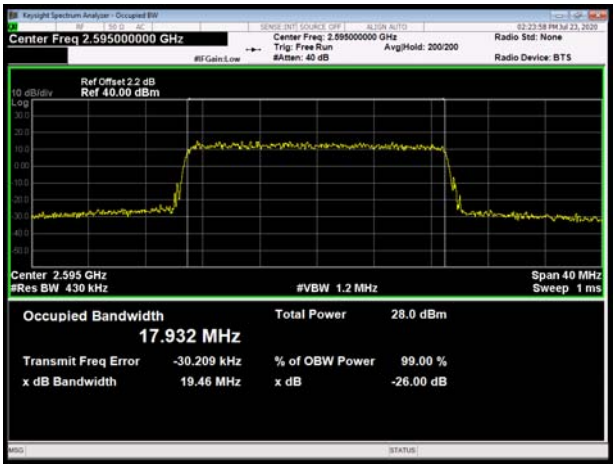
LTE Band 38 64QAM 20MHz CH-Low



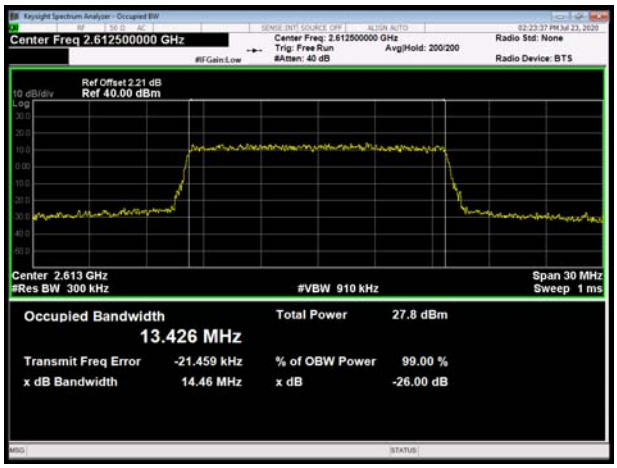
LTE Band 38 64QAM 15MHz CH-Middle



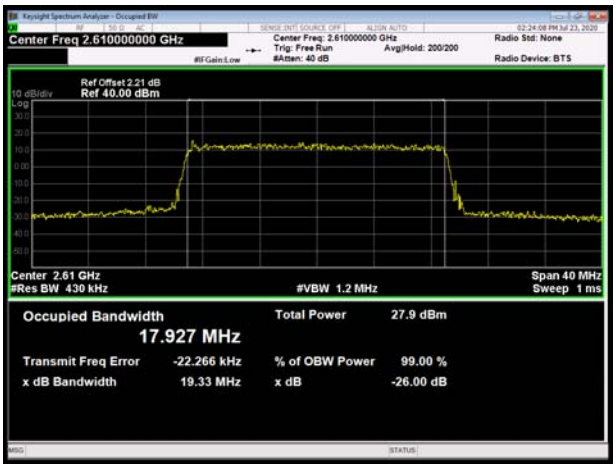
LTE Band 38 64QAM 20MHz CH-Middle



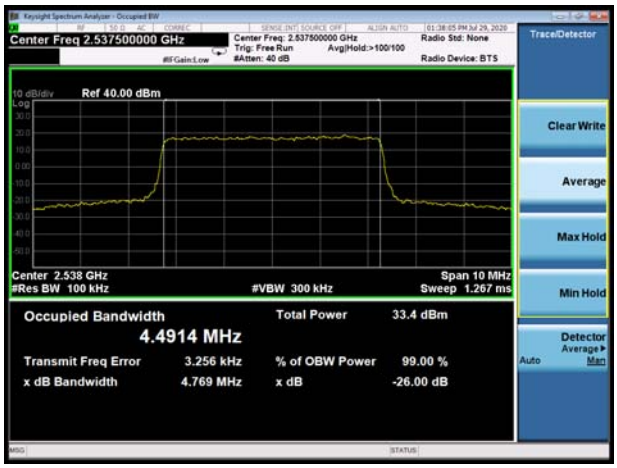
LTE Band 38 64QAM 15MHz CH-High



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

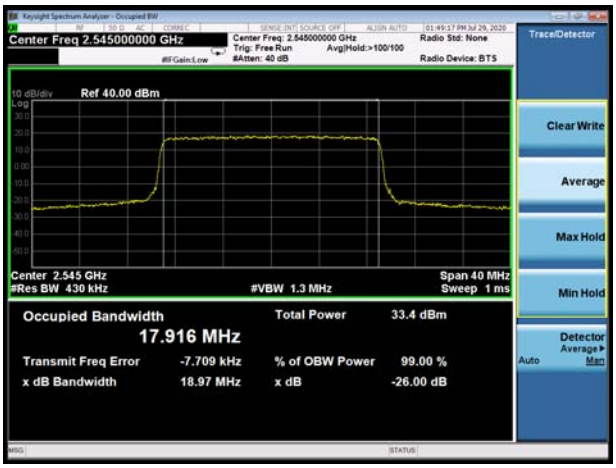
LTE Band 41 QPSK 10MHz CH-Middle

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



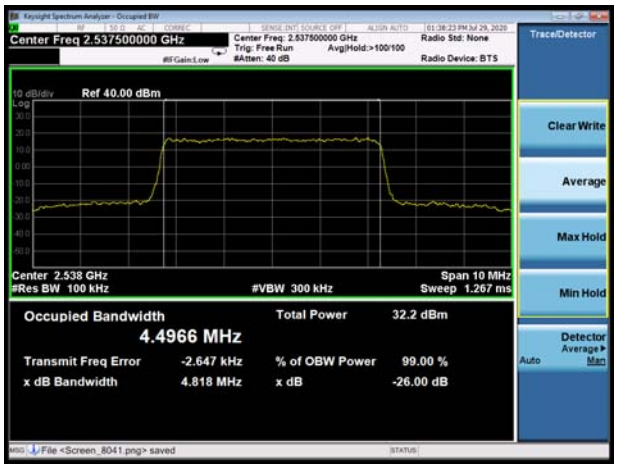
LTE Band 41 QPSK 15MHz CH-Middle

LTE Band 41 QPSK 20MHz CH-Middle

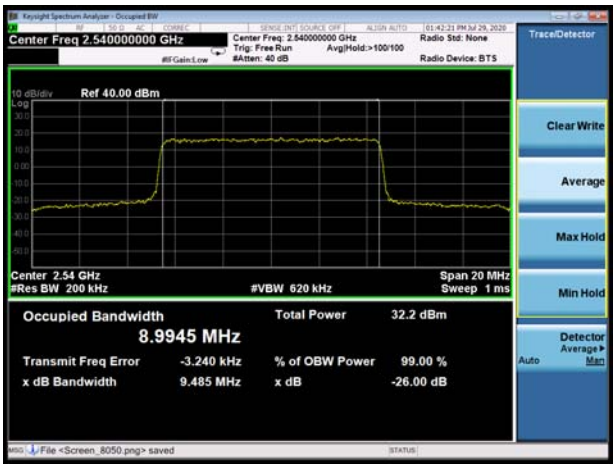
LTE Band 41 QPSK 15MHz CH-High

LTE Band 41 QPSK 20MHz CH-High

LTE Band 41 16QAM 5MHz CH-Low



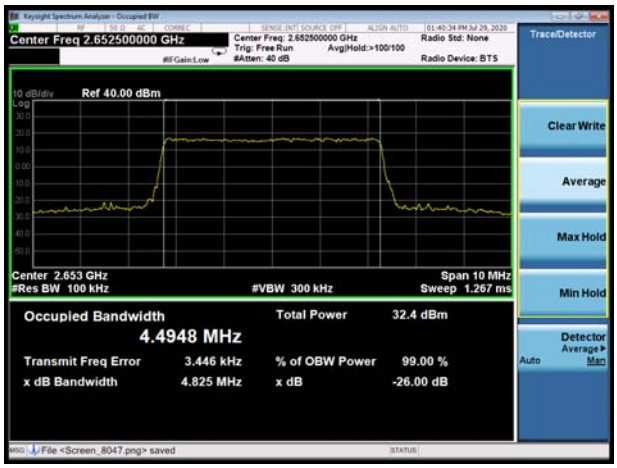
LTE Band 41 16QAM 10MHz CH-Low



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