RF TEST REPORT

Applicant	ZTE Corporation
FCC ID	SRQ-A2023PG
Product	5G NR Multi model smart phone
Model	ZTE A2023PG
Report No.	R2203A0249-R3V2
Issue Date	June 1, 2022

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2021)/ FCC CFR47 Part 27C (2021)**. 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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Version	Revision description	Issue Date
Rev.0	Initial issue of report.	May 13, 2022
Rev.1	Update data.	May 27, 2022
Rev.2	Update information.	June 1, 2022
Note: This revised report (Report No. R2203A0249-R3V2) supersedes and replaces the previously issued report (Report No. R2203A0249-R3V1). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of Measurement Results

Number	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	2.1046 /27.50(d)(4) /27.50(c)(10) /27.50(h)(2)/ 27.50(a)(3)/ 27.53(m) (4)	PASS
2	Occupied Bandwidth	2.1049	PASS
3	Band Edge Compliance	27.53(h) /27.53(g) /27.53(m) / 27.53(i) / 27.53(a) (3)	PASS
4	Peak-to-Average Power Ratio	27.50(d)/KDB971168 D01(5.7)	PASS
5	Frequency Stability	2.1055 / 27.54	PASS
6	Spurious Emissions at Antenna Terminals	2.1051 /27.53(h) /27.53(g) /27.53(m) / 27.53(a)	PASS
7	Radiates Spurious Emission	2.1053 /27.53(h) /27.53(g) /27.53(m) / 27.53(a)	PASS
Date of Testing: March 18, 2022 and May 13, 2022 Date of Sample Received: March 17, 2022			
Note: PASS: The EUT complies with the essential requirements in the standard. FAIL: The EUT does not comply with the essential requirements in the standard. All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

1 Test Laboratory

1.1 Notes of the Test Report

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

1.2. Test facility

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

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

A2LA (Certificate Number: 3857.01)

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

1.3 Testing Location

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

2.1 Applicant and Manufacturer Information

Applicant	ZTE Corporation
Applicant address	ZTE Plaza, #55 Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, China
Manufacturer	ZTE Corporation
Manufacturer address	ZTE Plaza, #55 Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, China

2.2 General information

EUT Description			
Model	ZTE A2023PG		
SN	327324440042		
Hardware Version	ZTE A2023PGHW1.0		
Software Version	MyOS12.0.2_A2023PG_GLB		
Power Supply	Battery / AC adapter		
Antenna Type	Internal Antenna		
Antenna Gain	Band	Antenna	Gain
	WCDMA Band IV	Antenna 2	-0.20dBi
		Antenna 4	-8.30dBi
	LTE Band 4	Antenna 2	-0.20dBi
		Antenna 4	-8.30dBi
	LTE Band 7	Antenna 2	-0.10dBi
		Antenna 4	-1.60dBi
	LTE Band 12	Antenna 1	-7.50dBi
		Antenna 6	-8.80dBi
	LTE Band 17	Antenna 1	-7.50dBi
		Antenna 6	-8.80dBi
	LTE Band 38	Antenna 2	-0.10dBi
		Antenna 4	-1.60dBi
	LTE Band 40	Antenna 2	-0.70dBi
		Antenna 4	-1.50dBi
	LTE Band 41	Antenna 2	-0.10dBi
		Antenna 4	-1.60dBi
	LTE Band 66	Antenna 3	-2.90dBi
	NR n7	Antenna 2	-0.10dBi
		Antenna 4	-1.60dBi

	NR n38	Antenna 5	-0.70dBi
		Antenna 6	-3.60dBi
	NR n41	Antenna 2	-0.10dBi
		Antenna 5	-0.70dBi
	NR n66	Antenna 3	-2.90dBi
	NR n77	Antenna 5	-2.30dBi
		Antenna 10	-3.30dBi
	NR n78	Antenna 5	-2.30dBi
		Antenna 10	-3.30dBi
Test Mode(s)	WCDMA Band	WCDMA Band IV	
	LTE Band	LTE Band 4/7/12/17/38/40/41/66	
	CA Band	CA_7C/ CA_41C	
	SA Band	NR n7/ NR n38/NR n41/ NR n66/ NR n77/ NR n78	
	NSA Band	DC_28A-n41A/DC_2A-n66A/DC_5A-n66A/ DC_2A-n77A/DC_5A-n77A/DC_2A-n78A/DC _7A-n78A/DC_28A-n78A	
Test Modulation	(WCDMA) BPSK, QPSK,16QAM; (LTE) QPSK, 16QAM, 64QAM; (NR) CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM; DFT-s OFDM: PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM		
HSDPA UE Category	24		
HSUPA UE Category	6		
DC-HSDPA UE Category	7		
HSPA+ UE Category	24		
Maximum E.I.R.P./ E.R.P.	WCDMA Band IV	24.00dBm	
	LTE Band 4	24.28dBm	
	LTE Band 7	23.66dBm	
	LTE Band 12	15.60dBm	
	LTE Band 17	15.35dBm	
	LTE Band 38	24.39dBm	
	LTE Band 40 Subset 1:	25.99dBm	
		107.448mW/MHz	
		148.628mW/5MHz	
	LTE Band 40 Subset 2:	23.91dBm	
		61.306mW/MHz	
		145.747mW/5MHz	
	LTE Band 41	25.88dBm	
	LTE Band 66	21.78dBm	
	CA_7C	24.43dBm	
	CA_41C	24.14dBm	

	NR n7	23.89dBm
	NR n38	21.31dBm
	NR n41	23.28dBm
	DC_28 A (subset 2)-n41A	23.51dBm
	NR n66	20.77dBm
	DC_5A-n66A	24.03dBm
	NR n77 subset 1	20.03dBm
	DC_2A-n77A subset 1	20.16dBm
	NR n77 subset 2	20.21dBm
	DC_2A-n77A subset 2	20.56dBm
Rated Power Supply Voltage	3.89V	
Operating Voltage	Minimum: 3.70V Maximum: 4.45V	
Operating Temperature	Lowest: -10°C Highest: +40°C	
Testing Temperature	Lowest: -30°C Highest: +50°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 12	699 ~ 716	729 ~ 746
	LTE Band 17	704 ~ 716	734~ 746
	LTE Band 38	2570 ~ 2620	2570 ~ 2620
	LTE Band 40 Subset 1	2305 ~ 2315	2305 ~ 2315
	LTE Band 40 Subset 2	2350 ~ 2360	2350 ~ 2360
	LTE Band 41	2496 ~ 2690	2496 ~ 2690
	LTE Band 66	1710 ~ 1780	2110 ~ 2180
	NR n7	2500 ~ 2570	2620 ~ 2690
	NR n38	2570 ~ 2620	2570 ~ 2620
	NR n41	2496~2690	2496~2690
	NR n66	1710~1780	2110 ~ 2180
	NR n77 subset 1	3450 ~ 3550	3450 ~ 3550
	NR n77 subset 2	3700 ~ 3980	3700 ~ 3980
	NR n78 subset 1	3450 ~ 3550	3450 ~ 3550
	NR n78 subset 2	3700 ~ 3800	3700 ~ 3800

EUT Accessory	
Adapter	Manufacturer: ShenZhen KunXing Technology Co., Ltd. Model: STC-A59152050AC-Z
Battery	Manufacturer: Zhuhai Cosmx Battery Co., Ltd. Model: Li3949T44P8h806459
Earphone 1	Manufacturer: JUWEI ELECTRONICS CO.,LTD Model: JWEP1092-Z01

Earphone 2	Manufacturer: ShenZhen FDC Electronic Co.,Ltd Model: DEM-9A
USB Cable 1	Manufacturer: King Power Electronics Co., Ltd Model: TC20-TC20-W-100-M-6A-HSF
USB Cable 2	Manufacturer: Luxshare-ICT Co., Ltd Model: TC20-TC20-W-100-M-6A-HSF
Type-C to 3.5 mm Headphone Jack Adapter	Manufacturer: HUIZHOU JUWEI ELECTRONICS CO. ,LTD Model: HMZ24
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant. 2. There is more than one USB cable/ Earphone, each one should be applied throughout the compliance test respectively, and however, only the worst case (USB cable 1) will be recorded in this report. 3.According to TCB workshop October, 2014 RF Exposure Procedures Update: a) For NR n78 subset 1 and NR n78 subset 2 (Frequency range: 3450 ~ 3550 and 3700 ~ 3800) is covered by NR n77 subset 1and NR n78 subset 2 (Frequency range 3450 ~ 3550MHz and 3700 ~ 3980) due to similar frequency range, same maximum tune up limit and same channel bandwidth.	

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 (2021)

FCC CFR47 Part 2 (2021)

Reference standard:

ANSI C63.26-2015

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 for WCDMA/ENDC, X axis, vertical polarization for LTE/CA, X axis, horizontal polarization for NR) 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:

Test items	**Modes/Modulation**
	WCDMA Band IV
RF Power Output and Effective Isotropic Radiated Power	RMC/AMR 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 4/7/12/17/38/ LTE 40 Subset 1/ LTE 40 Subset 2/41/66:

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM/ 64QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 40 Subset 1	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 40 Subset 2	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 40 Subset 1	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 40 Subset 2	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	LTE 4	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 7	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 12	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 17	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 38	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 40 Subset 1	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 40 Subset 2	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 66	O	O	O	O	O	O	O	O	O	-	O	O	-	O
Peak-to-Average Power Ratio	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O

	LTE 40 Subset 1	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 40 Subset 2	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	LTE 4	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 7	-	-	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 12	O	O	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 38	-	-	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 40 Subset 1	-	-	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 40 Subset 2	-	-	O	O	-	-	O	O	O	-	-	-	O	-
	LTE 41	-	-	O	O	O	O	O	O	O	-	-	-	O	-
	LTE 66	O	O	O	O	O	O	O	O	O	-	-	-	O	-
Spurious Emissions at 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 12	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 38	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 40 Subset 1	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 40 Subset 2	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 41	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 66	O	O	O	O	O	O	O	-	O	-	-	O	O	O
Radiates Spurious Emission	LTE 4	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 7	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 12	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 38	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 40 Subset 1	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 40 Subset 2	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 41	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 66	-	-	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.														

Test modes are chosen to be reported as the worst case configuration below for NR n7/ NR n38/ NR n41/ DC_28 A (subset 1)-n41A / DC_28 A (subset 2)-n41A /NR n66/ DC_2A-n66A/ DC_5A-n66A/ NR n77 subset 1/ DC_2A-n77A subset 1/ DC_5A-n77A subset 1/NR n77 subset 2/ DC_2A-n77A subset 2/ DC_5A-n77A subset 1

Test items	Mode	Bandwidth (MHz)										Modulation					RB			Test Channel		
		5	10	15	20	25	30	40	60	80	100	PI/2 BPSK	QPSK	16 QAM	64 QAM	256 QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	NR n7	O	O	O	O	-	-	-	-	-	-	O	O	O	O	O	O	O	O	O	O	O
	NR n38	-	-	-	O	-	-	O	-	-	-	O	O	O	O	O	O	O	O	O	O	O
	NR n41	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	DC_28 A (subset 1)-n41A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_28 A (subset 2)-n41A	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	NR n66	O	O	O	O	-	-	-	-	-	-	O	O	O	O	O	O	O	O	O	O	O
	DC_2A-n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_5A_n66A	O	O	O	O	-	-	-	-	-	-	O	O	O	O	O	O	O	O	O	O	O
	NR n77 subset 1	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	DC_2A-n77A subset 1	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	DC_2A-n77A subset 2	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupied Bandwidth	NR n7	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	NR n38	-	-	-	-	-	-	O	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	NR n41	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	-	-	-	-
	DC_28 A (subset 1)-n41A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_28 A (subset 2)-n41A	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	NR n66	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	DC_2A-n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_5A_n66A	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	NR n77 subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_2A-n77A subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O

	DC_2A-n77A subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	-	-	-	-
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Band Edge Compliance	NR n7	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	NR n38	-	-	-	-	-	-	O	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	NR n41	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_28 A (subset 1)-n41A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_28 A (subset 2)-n41A	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	NR n66	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	DC_2A-n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_5A_n66A	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	O	-	O	O	O	O
	NR n77 subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_2A-n77A subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_2A-n77A subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	O	-	O	O	O	O
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peak-to-Average Power Ratio	NR n7	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	-	-	O	O	O	O
	NR n38	-	-	-	-	-	-	O	-	-	-	O	O	O	O	O	-	-	O	O	O	O
	NR n41	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	DC_28 A (subset 1)-n41A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_28 A (subset 2)-n41A	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	NR n66	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	-	-	O	O	O	O
	DC_2A-n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_5A_n66A	-	-	-	O	-	-	-	-	-	-	O	O	O	O	O	-	-	O	O	O	O
	NR n77 subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	DC_2A-n77A subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	DC_2A-n77A subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Frequency Stability	NR n7	O	O	O	O	-	-	-	-	-	-	O	O	O	O	O	O	-	-	-	O	-
	NR n38	-	-	-	O	-	-	O	-	-	-	O	O	O	O	O	O	-	-	-	O	-
	NR n41	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	DC_28 A (subset 1)-n41A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_28 A (subset 2)-n41A	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	NR n66	O	O	O	O	-	-	-	-	-	-	O	O	O	O	O	O	-	-	-	O	-
	DC_2A-n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_5A_n66A	O	O	O	O	-	-	-	-	-	-	O	O	O	O	O	O	-	-	-	O	-
	NR n77 subset 1	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	DC_2A-n77A subset 1	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	DC_2A-n77A subset 2	-	-	-	O	-	-	O	O	O	O	O	O	O	O	O	O	-	-	-	O	-
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spurious Emissions at Antenna Terminals	NR n7	-	-	-	O	-	-	-	-	-	-	O	O	O	O	-	O	-	-	-	O	-
	NR n38	-	-	-	-	-	-	O	-	-	-	O	O	O	O	-	O	-	-	-	O	-
	NR n41	-	-	-	-	-	-	-	-	-	O	O	O	O	O	-	O	-	-	-	O	-
	DC_28 A (subset 1)-n41A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_28 A (subset 2)-n41A	-	-	-	-	-	-	-	-	-	O	O	O	O	O	-	O	-	-	-	O	-
	NR n66	-	-	-	O	-	-	-	-	-	-	O	O	O	O	-	O	-	-	-	O	-
	DC_2A-n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC_5A_n66A	-	-	-	O	-	-	-	-	-	-	O	O	O	O	-	O	-	-	-	O	-
	NR n77 subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	-	O	-	-	-	O	-
	DC_2A-n77A subset 1	-	-	-	-	-	-	-	-	-	O	O	O	O	O	-	O	-	-	-	O	-
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	-	O	-	-	-	O	-
	DC_2A-n77A subset 2	-	-	-	-	-	-	-	-	-	O	O	O	O	O	-	O	-	-	-	O	-
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Radiates Spurious Emission	NR n7	O	-	-	O	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-	O	-
	NR n38	-	-	-	O	-	-	O	-	-	-	-	-	-	-	-	O	-	-	-	O	-
	NR n41	-	-	-	O	-	-	-	-	-	O	-	-	-	-	-	O	-	-	-	O	-
	DC_28 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-	O	-

	(subset 1)-n41A																					
	DC_28 A (subset 2)-n41A	-	-	-	O	-	-	-	-	-	O	-	-	-	-	-	O	-	-	-	O	-
	NR n66	O	-	-	O	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-	O	-
	DC_2A-n66A	O	-	O	-	-	O	-	-	-	-	-	-	-	-	-	O	-	-	-	O	-
	DC_5A_n66A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 1	-	-	-	O	-	-	-	-	-	O	-	-	-	-	-	O	-	-	-	O	-
	DC_2A-n77A subset 1	-	-	-	O	-	-	-	-	-	O	-	-	-	-	-	O	-	-	-	O	-
	DC_5A-n77A subset 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NR n77 subset 2	-	-	-	O	-	-	-	-	-	O	-	-	-	-	-	O	-	-	-	O	-
	DC_2A-n77A subset 2	-	-	-	O	-	-	-	O	-	O	-	-	-	-	-	O	-	-	-	O	-
	DC_5A-n77A subset 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: 1. The mark “O” means that this configuration is chosen for testing.

2. The mark “-” means that this configuration is not testing.

3. Sub 6GHz operates using 15kHz Subcarrier Spacing with both CP-OFDM and DFT-s OFDM waveforms. The band supports PI/2 BPSK ,QPSK, 16QAM, 64QAM, and 256QAM modulation. The test data provided in this report represents the worst case configurations.

5 Test Case

5.1 RF Power Output and Effective Isotropic Radiated Power

Ambient condition

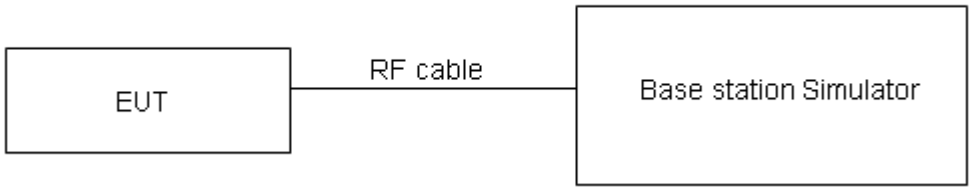
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

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

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

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 27.50(a)(3) Mobile and portable stations. (i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth,except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.
Rule Part 27.53(m) (4) specifies that “for BRS and EBS stations. For mobile digital stations, the

attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Rule Part 27.50(c) (10) specifies that “Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP”

Rule Part 27.50(d) (4) specifies that “Fixed, mobile and portable (hand-held) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP”

Rule Part 27.50(h) (2) specifies that “Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.”

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

Measurement Uncertainty

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

Test Results

Refer to the section 6.1 of this report for test data.

5.2 Occupied Bandwidth

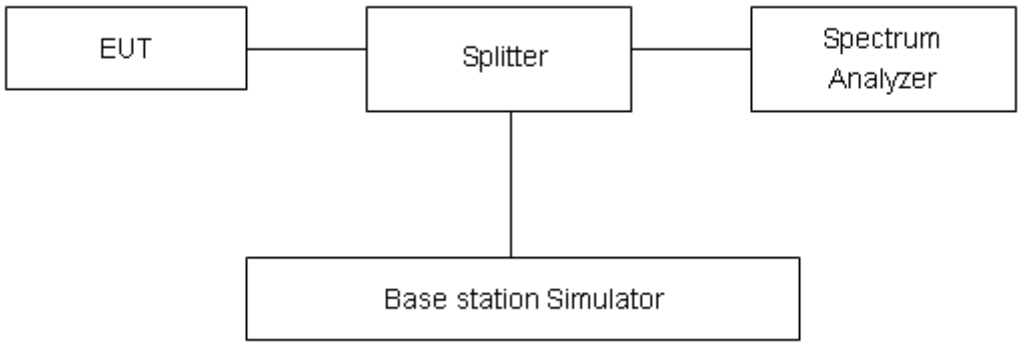
Ambient condition

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 ≥1%EBW, VBW is set to 3x RBW.
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 Results

Refer to the section 6.2 of this report for test data.

5.3 Band Edge Compliance

Ambient condition

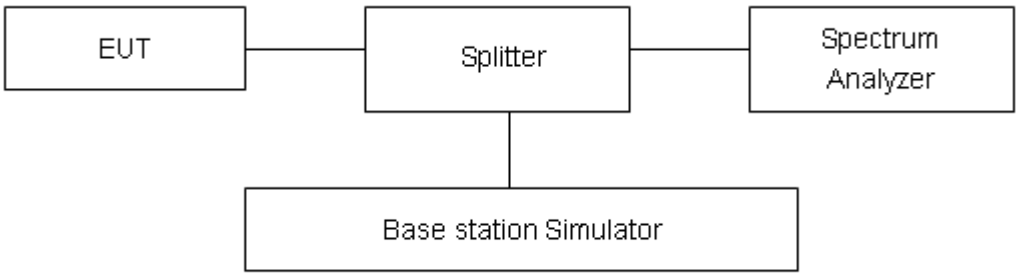
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The band edge of the lowest and highest channels were measured.
The testing follows KDB 971168 D01 v03r01 Section 6.0
The EUT was connected to spectrum analyzer and system simulator via a power divider.
The band edges of low and high channels for the highest RF powers were measured.
For LTE Band 7/38 set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
For LTE Band 41 the middle channel, high channel set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used; Low channel set RBW >= 2% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
RBW is set to ≥1%EBW, VBW is set to 3x RBW.

on spectrum analyzer.
Set spectrum analyzer with RMS detector.
The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Checked that all the results comply with the emission limit line.

Test Setup



Limits

Rule Part 27.53(i) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz.
Rule Part 27.53(a) (3) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands: (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and

2324 MHz and on all frequencies between 2341 47 CFR Part 27 -- Miscellaneous Wireless Communications Services and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz; (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz; (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz. (5) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305, 2310, 2315, 2320, 2345, 2350, 2355, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). Theemission bandwidth is de¦ned as the width of the signal between two points, one below the carrier center frequency and one on spectrum analyzer. Set spectrum analyzer with RMS detector. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. Checked that all the results comply with the emission limit line.

Rule Part 27.53(h) specifies that " for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB"

Rule Part 27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Rule Part 27.53(m) (4) specifies that "for BRS and EBS stations. For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Example:

The limit line is derived from 43 + 10log (P) dB below the transmitter power P(Watts)

= P(W)- [43 + 10log(P)] (dB)

= [30 + 10log (P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U=0.684dB.

Test Results

Refer to the section 6.3 of this report for test data.

5.4 Peak-to-Average Power Ratio (PAPR)

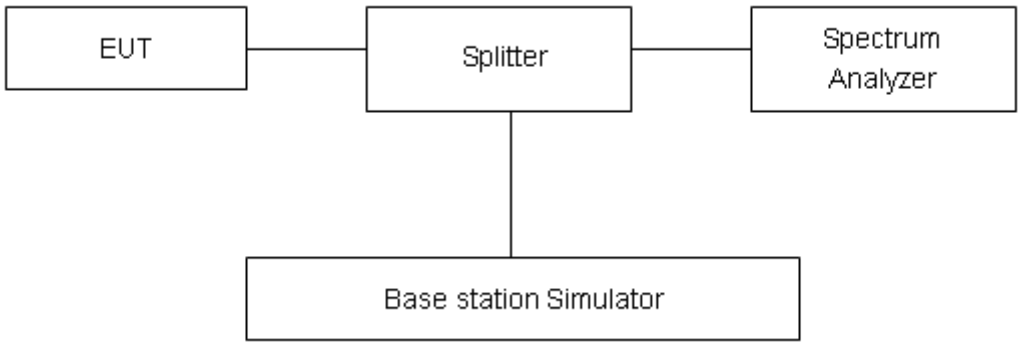
Ambient condition

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

Methods of Measurement

Measure the total peak power and record as PPk. And measure the total average power and record as PAvg. Both the peak and average power levels must be expressed in the same logarithmic units (*e.g.*, dBm). Determine the PAPR from:
PAPR (dB) = PPk (dBm) - PAvg (dBm).

Test Setup



Limits

Rule Part 27.50(d)(5) Equipment employed must be authorized in accordance with the provisions of 24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for thenormal distribution is with the coverage factor k = 2, U= 0.4 dB.

Test Results

Refer to the section 6.4 of this report for test data.

5.5 Frequency Stability

Ambient condition

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

Method of Measurement

Frequency Stability (Temperature Variation)

The temperature inside the climate chamber is varied from -30°C to +50°C in 10°C step size,

(1) With all power removed, the temperature was decreased to 0°C and permitted to stabilize for three hours.

(2) Measure the carrier frequency with the test equipment in a “call mode”. These measurements should be made within 1 minute of powering up the mobile station, to prevent significant self warming.

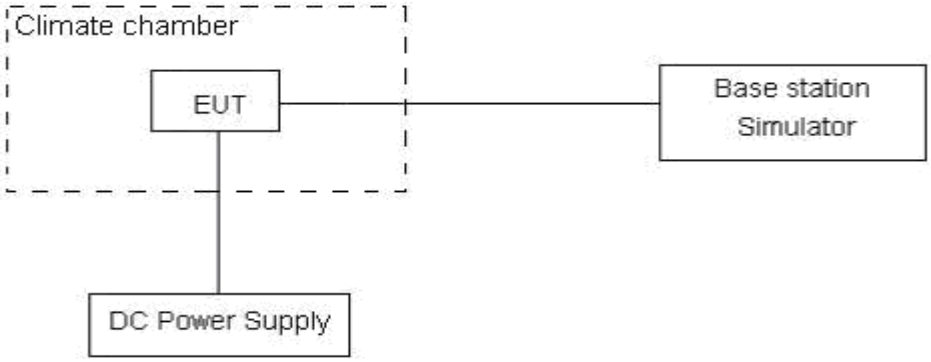
(3) Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements. Frequency Stability (Voltage Variation)

The frequency stability shall be measured with variation of primary supply voltage as follows:

Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

This transceiver is specified to operate with an input voltage of between 3.70 V and 4.45 V, with a nominal voltage of 3.89V.

Test setup



Limits

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75％ confidence level for the normal distribution is with the coverage factor k = 3,U=0.01ppm.

Test Results

Refer to the section 6.5 of this report for test data.

5.6 Spurious Emissions at Antenna Terminals

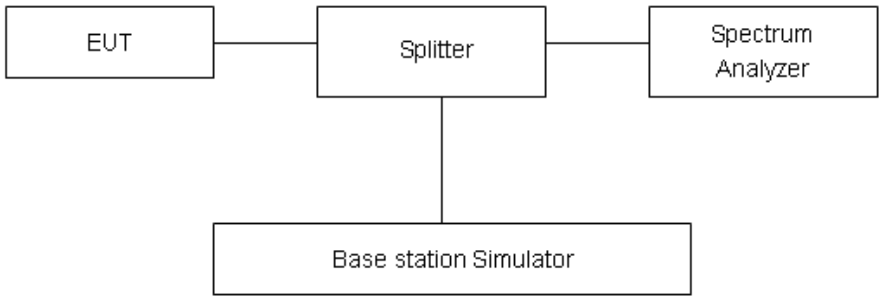
Ambient condition

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 measurement is carried out using a spectrum analyzer. The spectrum analyzer scans from 9kHz to the 10th harmonic of the carrier. The peak detector is used.
RBW is set to 100kHz, VBW is set to 300kHz for 30MHz~1GHz
RBW is set to 1MHz, VBW is set to 3MHz for above 1GHz, Sweep is set to ATUO.
RBW is set to 1 kHz (0.009MHz~ 0.15 MHz),
RBW is set to 10 kHz (0.15 MHz~ 30 MHz)
RBW is set to 100 kHz (30MHz~1000 MHz)
RBW is set to 1000 kHz (above 1000MHz)
Of those disturbances below (limit – 20 dB), the mark is not required for the EUT.
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup



Limits

Rule Part 27.53(h) specifies that “for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB..”
Rule Part 27.53 (g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Rule Part 27.53(m) 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section.
Rule Part 27.53(a)(4)(i) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz.

Part 27.53(a)/(h)/(g) Limit	-13 dBm
Part 27.53(m) Limit	-25 dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75％ confidence level for the normal distribution is with the coverage factor *k* = 1.96.

Frequency	Uncertainty
9kHz-1GHz	0.684 dB
1GHz-40GHz	1.407 dB

Test Results

Refer to the section 6.6 of this report for test data.

5.7 Radiates Spurious Emission

Ambient condition

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

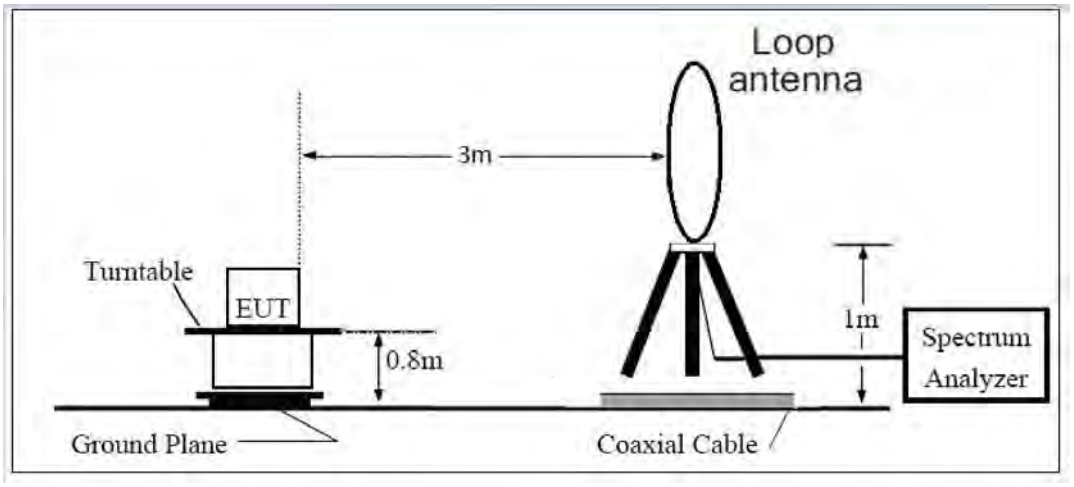
Method of Measurement

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.8 and ANSI C63.26 (2015).
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=100kHz, VBW=300kHz for 30MHz to 1GHz and RBW=1MHz, VBW=3MHz for above 1GHz, and the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:
Power(EIRP)=PMea- PAg - Pcl + Ga
The measurement results are amend as described below:
Power(EIRP)=PMea- Pcl + Ga
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dB.

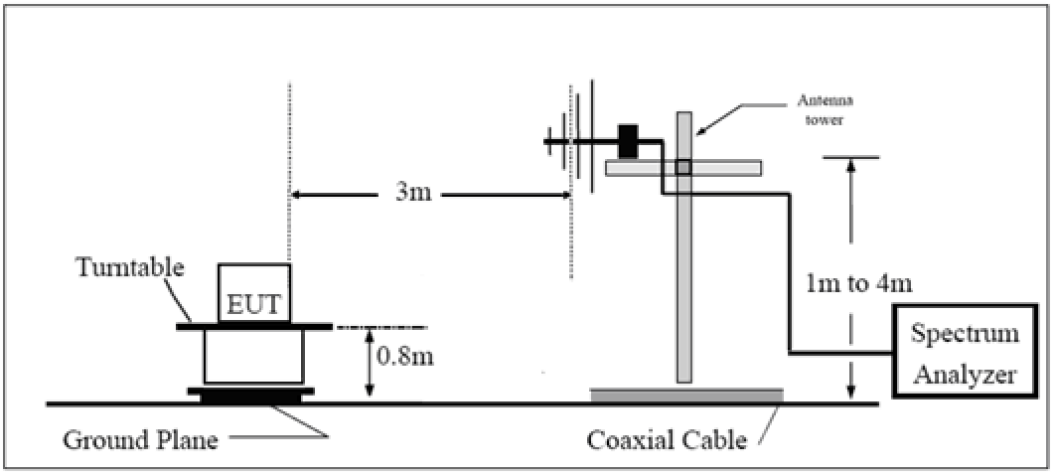
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

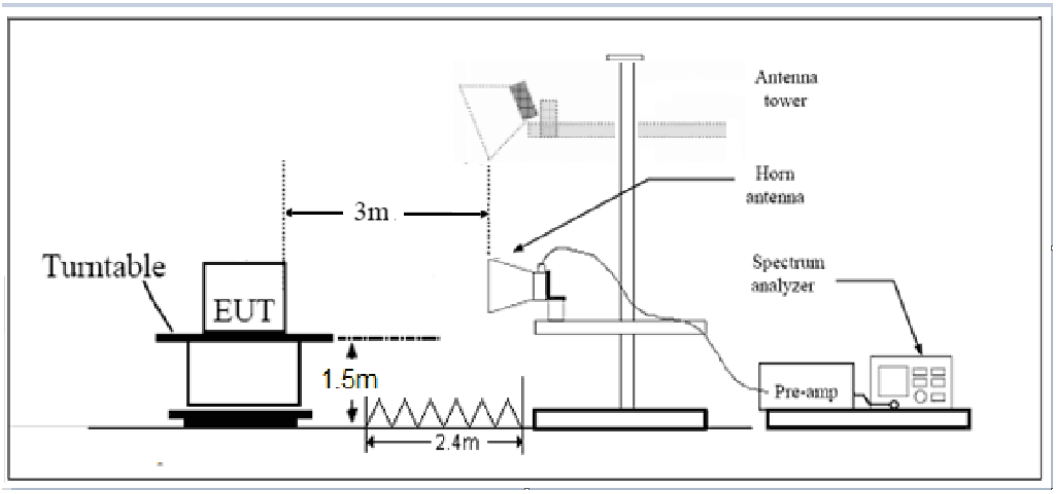
9KHz ~ 30MHz



30MHz ~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

Limits

Rule Part 27.53(h) specifies that “for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.”
Rule Part 27.53 (g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
Rule Part 27.53(m) 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section.
Rule Part 27.53(a)(4)(i) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz.

Part 27.53(a)/(h)/(g) Limit	-13 dBm
Part 27.53(m) Limit	-25 dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95％ confidence level for the normal distribution is with the coverage factor k = ±1.96, U= ±3.55 dB.

Test Results

Refer to the section 6.7 of this report for test data.

6 Test Results

6.1 RF Power Output and Effective Isotropic Radiated Power

WCDMA Band IV		Maximum Output Power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
		Channel/Frenqucy(MHz)			Channel/Frenqucy(MHz)			Channel/Frenqucy(MHz)		
		1312/ 1712.4	1413/ 1732.6	1513/ 1752.6	1312/ 1712.4	1413/ 1732.6	1513/ 1752.6	1312/ 1712.4	1413/ 1732.6	1513/ 1752.6
RMC	12.2k	24.04	24.14	24.20	23.84	23.94	24.00	15.74	15.84	15.90
AMR	12.2k	23.97	24.09	24.12	23.77	23.89	23.92	15.67	15.79	15.82
HSDPA	Subtest 1	23.50	23.56	23.64	23.30	23.36	23.44	15.20	15.26	15.34
	Subtest 2	23.49	23.58	23.61	23.29	23.38	23.41	15.19	15.28	15.31
	Subtest 3	22.96	23.08	23.13	22.76	22.88	22.93	14.66	14.78	14.83
	Subtest 4	22.97	23.09	23.11	22.77	22.89	22.91	14.67	14.79	14.81
HSUPA	Subtest 1	23.46	23.55	23.59	23.26	23.35	23.39	15.16	15.25	15.29
	Subtest 2	22.45	22.53	22.58	22.25	22.33	22.38	14.15	14.23	14.28
	Subtest 3	22.92	23.01	23.07	22.72	22.81	22.87	14.62	14.71	14.77
	Subtest 4	22.38	22.50	22.55	22.18	22.30	22.35	14.08	14.20	14.25
	Subtest 5	23.39	23.48	23.53	23.19	23.28	23.33	15.09	15.18	15.23
DC-HSDPA	Subtest 1	23.38	23.50	23.54	23.18	23.30	23.34	15.08	15.20	15.24
	Subtest 2	23.37	23.49	23.53	23.17	23.29	23.33	15.07	15.19	15.23
	Subtest 3	22.95	22.98	23.04	22.75	22.78	22.84	14.65	14.68	14.74
	Subtest 4	22.94	22.97	23.03	22.74	22.77	22.83	14.64	14.67	14.73
HSPA+	16QAM	22.93	23.05	23.10	22.73	22.85	22.90	14.63	14.75	14.80

LTE Band 4				Maximum Output Power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				19957/ 1710.7	20175/ 1732.5	20393/ 1754.3	19957/ 1710.7	20175/ 1732.5	20393/ 1754.3	19957/ 1710.7	20175/ 1732.5	20393/ 1754.3
1.4MHz	QPSK	1	0	24.30	24.37	24.40	24.10	24.17	24.20	16.00	16.07	16.10
		1	2	24.40	24.44	24.39	24.20	24.24	24.19	16.10	16.14	16.09
		1	5	24.34	24.42	24.33	24.14	24.22	24.13	16.04	16.12	16.03
		3	0	24.21	24.31	24.32	24.01	24.11	24.12	15.91	16.01	16.02
		3	2	24.21	24.27	24.36	24.01	24.07	24.16	15.91	15.97	16.06
		3	3	24.21	24.24	24.32	24.01	24.04	24.12	15.91	15.94	16.02
		6	0	23.30	23.33	23.39	23.10	23.13	23.19	15.00	15.03	15.09
	16QAM	1	0	23.68	23.69	23.69	23.48	23.49	23.49	15.38	15.39	15.39
		1	2	23.62	23.75	23.67	23.42	23.55	23.47	15.32	15.45	15.37
		1	5	23.48	23.42	23.43	23.28	23.22	23.23	15.18	15.12	15.13
		3	0	23.23	23.26	23.31	23.03	23.06	23.11	14.93	14.96	15.01

		3	2	23.29	23.27	23.38	23.09	23.07	23.18	14.99	14.97	15.08
		3	3	23.21	23.26	23.26	23.01	23.06	23.06	14.91	14.96	14.96
		6	0	22.29	22.32	22.43	22.09	22.12	22.23	13.99	14.02	14.13
	64QAM	1	0	22.51	22.49	22.65	22.31	22.29	22.45	14.21	14.19	14.35
		1	2	22.49	22.52	22.49	22.29	22.32	22.29	14.19	14.22	14.19
		1	5	22.45	22.56	22.37	22.25	22.36	22.17	14.15	14.26	14.07
		3	0	22.17	22.23	22.27	21.97	22.03	22.07	13.87	13.93	13.97
		3	2	22.26	22.26	22.34	22.06	22.06	22.14	13.96	13.96	14.04
		3	3	22.18	22.26	22.23	21.98	22.06	22.03	13.88	13.96	13.93
		6	0	21.28	21.30	21.41	21.08	21.10	21.21	12.98	13.00	13.11
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				19965/ 1711.5	20175/ 1732.5	20385/ 1753.5	19965/ 1711.5	20175/ 1732.5	20385/ 1753.5	19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
3MHz	QPSK	1	0	24.32	24.41	24.43	24.12	24.21	24.23	16.02	16.11	16.13
		1	7	24.38	24.47	24.43	24.18	24.27	24.23	16.08	16.17	16.13
		1	14	24.37	24.47	24.37	24.17	24.27	24.17	16.07	16.17	16.07
		8	0	23.31	23.43	23.45	23.11	23.23	23.25	15.01	15.13	15.15
		8	4	23.33	23.37	23.48	23.13	23.17	23.28	15.03	15.07	15.18
		8	7	23.31	23.35	23.42	23.11	23.15	23.22	15.01	15.05	15.12
		15	0	23.30	23.37	23.42	23.10	23.17	23.22	15.00	15.07	15.12
	16QAM	1	0	23.68	23.71	23.72	23.48	23.51	23.52	15.38	15.41	15.42
		1	7	23.62	23.75	23.71	23.42	23.55	23.51	15.32	15.45	15.41
		1	14	23.50	23.46	23.46	23.30	23.26	23.26	15.20	15.16	15.16
		8	0	22.34	22.39	22.43	22.14	22.19	22.23	14.04	14.09	14.13
		8	4	22.40	22.40	22.50	22.20	22.20	22.30	14.10	14.10	14.20
		8	7	22.31	22.38	22.39	22.11	22.18	22.19	14.01	14.08	14.09
		15	0	22.32	22.36	22.46	22.12	22.16	22.26	14.02	14.06	14.16
	64QAM	1	0	22.54	22.51	22.68	22.34	22.31	22.48	14.24	14.21	14.38
		1	7	22.52	22.52	22.51	22.32	22.32	22.31	14.22	14.22	14.21
		1	14	22.47	22.55	22.40	22.27	22.35	22.20	14.17	14.25	14.10
		8	0	21.28	21.36	21.39	21.08	21.16	21.19	12.98	13.06	13.09
		8	4	21.37	21.39	21.46	21.17	21.19	21.26	13.07	13.09	13.16
		8	7	21.28	21.38	21.36	21.08	21.18	21.16	12.98	13.08	13.06
		15	0	21.31	21.34	21.44	21.11	21.14	21.24	13.01	13.04	13.14
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				19975/ 1712.5	20175/ 1732.5	20375/ 1752.5	19975/ 1712.5	20175/ 1732.5	20375/ 1752.5	19975/ 1712.5	20175/ 1732.5	20375/ 1752.5
5MHz	QPSK	1	0	24.29	24.39	24.39	24.09	24.19	24.19	15.99	16.09	16.09
		1	13	24.36	24.43	24.40	24.16	24.23	24.20	16.06	16.13	16.10
		1	24	24.34	24.42	24.33	24.14	24.22	24.13	16.04	16.12	16.03
		12	0	23.28	23.38	23.41	23.08	23.18	23.21	14.98	15.08	15.11
		12	6	23.31	23.33	23.43	23.11	23.13	23.23	15.01	15.03	15.13
		12	13	23.29	23.33	23.38	23.09	23.13	23.18	14.99	15.03	15.08

		25	0	23.30	23.36	23.40	23.10	23.16	23.20	15.00	15.06	15.10
		1	0	23.68	23.67	23.69	23.48	23.47	23.49	15.38	15.37	15.39
		1	13	23.62	23.73	23.68	23.42	23.53	23.48	15.32	15.43	15.38
		1	24	23.47	23.44	23.42	23.27	23.24	23.22	15.17	15.14	15.12
	16QAM	12	0	22.32	22.35	22.40	22.12	22.15	22.20	14.02	14.05	14.10
		12	6	22.37	22.35	22.46	22.17	22.15	22.26	14.07	14.05	14.16
		12	13	22.28	22.33	22.35	22.08	22.13	22.15	13.98	14.03	14.05
		25	0	22.30	22.32	22.41	22.10	22.12	22.21	14.00	14.02	14.11
		1	0	22.51	22.51	22.65	22.31	22.31	22.45	14.21	14.21	14.35
		1	13	22.49	22.54	22.48	22.29	22.34	22.28	14.19	14.24	14.18
		1	24	22.48	22.53	22.36	22.28	22.33	22.16	14.18	14.23	14.06
	64QAM	12	0	21.26	21.32	21.40	21.06	21.12	21.20	12.96	13.02	13.10
		12	6	21.34	21.34	21.42	21.14	21.14	21.22	13.04	13.04	13.12
		12	13	21.25	21.33	21.32	21.05	21.13	21.12	12.95	13.03	13.02
		25	0	21.29	21.30	21.39	21.09	21.10	21.19	12.99	13.00	13.09
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20000/1715	20175/1732.5	20350/1750	20000/1715	20175/1732.5	20350/1750	20375/1752.5	20375/1752.5	20375/1752.5
10MHz	QPSK	1	0	24.31	24.40	24.42	24.11	24.20	24.22	16.01	16.10	16.12
		1	25	24.39	24.48	24.44	24.19	24.28	24.24	16.09	16.18	16.14
		1	49	24.36	24.46	24.36	24.16	24.26	24.16	16.06	16.16	16.06
		25	0	23.31	23.43	23.45	23.11	23.23	23.25	15.01	15.13	15.15
		25	13	23.34	23.38	23.47	23.14	23.18	23.27	15.04	15.08	15.17
		25	25	23.31	23.37	23.43	23.11	23.17	23.23	15.01	15.07	15.13
		50	0	23.34	23.38	23.44	23.14	23.18	23.24	15.04	15.08	15.14
	16QAM	1	0	23.72	23.70	23.71	23.52	23.50	23.51	15.42	15.40	15.41
		1	25	23.66	23.77	23.71	23.46	23.57	23.51	15.36	15.47	15.41
		1	49	23.50	23.46	23.45	23.30	23.26	23.25	15.20	15.16	15.15
		25	0	22.35	22.40	22.44	22.15	22.20	22.24	14.05	14.10	14.14
		25	13	22.39	22.39	22.49	22.19	22.19	22.29	14.09	14.09	14.19
		25	25	22.31	22.38	22.39	22.11	22.18	22.19	14.01	14.08	14.09
		50	0	22.33	22.37	22.45	22.13	22.17	22.25	14.03	14.07	14.15
		1	0	22.53	22.50	22.67	22.33	22.30	22.47	14.23	14.20	14.37
		1	25	22.52	22.54	22.51	22.32	22.34	22.31	14.22	14.24	14.21
		1	49	22.47	22.55	22.39	22.27	22.35	22.19	14.17	14.25	14.09
	64QAM	25	0	21.29	21.37	21.40	21.09	21.17	21.20	12.99	13.07	13.10
		25	13	21.36	21.38	21.45	21.16	21.18	21.25	13.06	13.08	13.15
		25	25	21.28	21.38	21.36	21.08	21.18	21.16	12.98	13.08	13.06
		50	0	21.32	21.35	21.43	21.12	21.15	21.23	13.02	13.05	13.13
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20025/1717.5	20175/1732.5	20325/1747.5	20025/1717.5	20175/1732.5	20325/1747.5	20025/1717.5	20175/1732.5	20325/1747.5
15MHz	QPSK	1	0	24.30	24.36	24.40	24.10	24.16	24.20	16.00	16.06	16.10

		1	38	24.37	24.47	24.41	24.17	24.27	24.21	16.07	16.17	16.11
		1	74	24.33	24.41	24.32	24.13	24.21	24.12	16.03	16.11	16.02
		36	0	23.29	23.39	23.42	23.09	23.19	23.22	14.99	15.09	15.12
		36	18	23.31	23.33	23.43	23.11	23.13	23.23	15.01	15.03	15.13
		36	39	23.28	23.34	23.39	23.08	23.14	23.19	14.98	15.04	15.09
		75	0	23.32	23.34	23.39	23.12	23.14	23.19	15.02	15.04	15.09
	16QAM	1	0	23.70	23.68	23.69	23.50	23.48	23.49	15.40	15.38	15.39
		1	38	23.64	23.74	23.69	23.44	23.54	23.49	15.34	15.44	15.39
		1	74	23.48	23.42	23.42	23.28	23.22	23.22	15.18	15.12	15.12
		36	0	22.32	22.38	22.41	22.12	22.18	22.21	14.02	14.08	14.11
		36	18	22.36	22.34	22.45	22.16	22.14	22.25	14.06	14.04	14.15
		36	39	22.29	22.34	22.36	22.09	22.14	22.16	13.99	14.04	14.06
		75	0	22.30	22.32	22.41	22.10	22.12	22.21	14.00	14.02	14.11
	64QAM	1	0	22.48	22.48	22.65	22.28	22.28	22.45	14.18	14.18	14.35
		1	38	22.50	22.51	22.49	22.30	22.31	22.29	14.20	14.21	14.19
		1	74	22.48	22.54	22.40	22.28	22.34	22.20	14.18	14.24	14.10
		36	0	21.28	21.39	21.41	21.08	21.19	21.21	12.98	13.09	13.11
		36	18	21.34	21.35	21.44	21.14	21.15	21.24	13.04	13.05	13.14
		36	39	21.26	21.34	21.33	21.06	21.14	21.13	12.96	13.04	13.03
		75	0	21.29	21.30	21.39	21.09	21.10	21.19	12.99	13.00	13.09
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20050/1720	20175/1732.5	20300/1745	20050/1720	20175/1732.5	20300/1745	20050/1720	20175/1732.5	20300/1745
20MHz	QPSK	1	0	24.27	24.32	24.37	24.07	24.12	24.17	15.97	16.02	16.07
		1	50	24.36	24.43	24.39	24.16	24.23	24.19	16.06	16.13	16.09
		1	99	24.31	24.40	24.29	24.11	24.20	24.09	16.01	16.10	15.99
		50	0	23.26	23.34	23.38	23.06	23.14	23.18	14.96	15.04	15.08
		50	25	23.29	23.29	23.40	23.09	23.09	23.20	14.99	14.99	15.10
		50	50	23.25	23.29	23.35	23.05	23.09	23.15	14.95	14.99	15.05
		100	0	23.29	23.29	23.35	23.09	23.09	23.15	14.99	14.99	15.05
	16QAM	1	0	23.67	23.64	23.64	23.47	23.44	23.44	15.37	15.34	15.34
		1	50	23.61	23.72	23.65	23.41	23.52	23.45	15.31	15.42	15.35
		1	99	23.45	23.39	23.40	23.25	23.19	23.20	15.15	15.09	15.10
		50	0	22.29	22.34	22.38	22.09	22.14	22.18	13.99	14.04	14.08
		50	25	22.33	22.32	22.42	22.13	22.12	22.22	14.03	14.02	14.12
		50	50	22.26	22.29	22.32	22.06	22.09	22.12	13.96	13.99	14.02
		100	0	22.28	22.28	22.38	22.08	22.08	22.18	13.98	13.98	14.08
	64QAM	1	0	22.46	22.44	22.60	22.26	22.24	22.40	14.16	14.14	14.30
		1	50	22.46	22.49	22.45	22.26	22.29	22.25	14.16	14.19	14.15
		1	99	22.42	22.48	22.34	22.22	22.28	22.14	14.12	14.18	14.04
		50	0	21.23	21.31	21.34	21.03	21.11	21.14	12.93	13.01	13.04
		50	25	21.30	21.31	21.38	21.10	21.11	21.18	13.00	13.01	13.08
		50	50	21.23	21.29	21.29	21.03	21.09	21.09	12.93	12.99	12.99

		100	0	21.27	21.26	21.36	21.07	21.06	21.16	12.97	12.96	13.06

LTE Band 7				Maximum Output Power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20775/ 2502.5	21100 /2535	21425/ 2567.5	20775/ 2502.5	21100 /2535	21425/ 2567.5	20775/ 2502.5	21100 /2535	21425/ 2567.5
5MHz	QPSK	1	0	23.30	23.45	23.52	23.20	23.35	23.42	21.70	21.85	21.92
		1	13	23.34	23.65	23.71	23.24	23.55	23.61	21.74	22.05	22.11
		1	24	23.46	23.65	23.73	23.36	23.55	23.63	21.86	22.05	22.13
		12	0	22.43	22.48	22.55	22.33	22.38	22.45	20.83	20.88	20.95
		12	6	22.52	22.53	22.67	22.42	22.43	22.57	20.92	20.93	21.07
		12	13	22.49	22.61	22.68	22.39	22.51	22.58	20.89	21.01	21.08
		25	0	22.49	22.55	22.60	22.39	22.45	22.50	20.89	20.95	21.00
	16QAM	1	0	22.58	22.60	22.63	22.48	22.50	22.53	20.98	21.00	21.03
		1	13	22.91	22.81	22.88	22.81	22.71	22.78	21.31	21.21	21.28
		1	24	22.65	22.70	22.82	22.55	22.60	22.72	21.05	21.10	21.22
		12	0	21.45	21.45	21.52	21.35	21.35	21.42	19.85	19.85	19.92
		12	6	21.52	21.50	21.69	21.42	21.40	21.59	19.92	19.90	20.09
		12	13	21.48	21.62	21.70	21.38	21.52	21.60	19.88	20.02	20.10
		25	0	21.52	21.52	21.56	21.42	21.42	21.46	19.92	19.92	19.96
	64QAM	1	0	21.65	21.67	21.58	21.55	21.57	21.48	20.05	20.07	19.98
		1	13	21.62	21.76	21.85	21.52	21.66	21.75	20.02	20.16	20.25
		1	24	21.73	21.86	21.79	21.63	21.76	21.69	20.13	20.26	20.19
		12	0	20.54	20.61	20.70	20.44	20.51	20.60	18.94	19.01	19.10
		12	6	20.68	20.65	20.82	20.58	20.55	20.72	19.08	19.05	19.22
		12	13	20.64	20.76	20.83	20.54	20.66	20.73	19.04	19.16	19.23
		25	0	20.65	20.67	20.69	20.55	20.57	20.59	19.05	19.07	19.09
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20800/ 2505	21100 /2535	21400/ 2565	20800/ 2505	21100 /2535	21400/ 2565	20800/ 2505	21100 /2535	21400/ 2565
10MHz	QPSK	1	0	23.32	23.46	23.55	23.22	23.36	23.45	21.72	21.86	21.95
		1	25	23.37	23.70	23.75	23.27	23.60	23.65	21.77	22.10	22.15
		1	49	23.48	23.69	23.76	23.38	23.59	23.66	21.88	22.09	22.16
		25	0	22.46	22.53	22.59	22.36	22.43	22.49	20.86	20.93	20.99
		25	13	22.55	22.58	22.71	22.45	22.48	22.61	20.95	20.98	21.11
		25	25	22.51	22.65	22.73	22.41	22.55	22.63	20.91	21.05	21.13
		50	0	22.53	22.57	22.64	22.43	22.47	22.54	20.93	20.97	21.04
	16QAM	1	0	22.62	22.63	22.65	22.52	22.53	22.55	21.02	21.03	21.05
		1	25	22.95	22.85	22.91	22.85	22.75	22.81	21.35	21.25	21.31
		1	49	22.68	22.72	22.85	22.58	22.62	22.75	21.08	21.12	21.25
		25	0	21.48	21.50	21.56	21.38	21.40	21.46	19.88	19.90	19.96

		25	13	21.54	21.54	21.72	21.44	21.44	21.62	19.94	19.94	20.12
		25	25	21.51	21.67	21.74	21.41	21.57	21.64	19.91	20.07	20.14
		50	0	21.55	21.57	21.60	21.45	21.47	21.50	19.95	19.97	20.00
	64QAM	1	0	21.67	21.66	21.60	21.57	21.56	21.50	20.07	20.06	20.00
		1	25	21.65	21.76	21.88	21.55	21.66	21.78	20.05	20.16	20.28
		1	49	21.72	21.88	21.82	21.62	21.78	21.72	20.12	20.28	20.22
		25	0	20.57	20.66	20.70	20.47	20.56	20.60	18.97	19.06	19.10
		25	13	20.70	20.69	20.85	20.60	20.59	20.75	19.10	19.09	19.25
		25	25	20.67	20.81	20.87	20.57	20.71	20.77	19.07	19.21	19.27
		50	0	20.68	20.72	20.73	20.58	20.62	20.63	19.08	19.12	19.13
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20825/2507.5	21100/2535	21375/2562.5	20825/2507.5	21100/2535	21375/2562.5	20825/2507.5	21100/2535	21375/2562.5
15MHz	QPSK	1	0	23.31	23.42	23.53	23.21	23.32	23.43	21.71	21.82	21.93
		1	38	23.35	23.69	23.72	23.25	23.59	23.62	21.75	22.09	22.12
		1	74	23.45	23.64	23.72	23.35	23.54	23.62	21.85	22.04	22.12
		36	0	22.44	22.49	22.56	22.34	22.39	22.46	20.84	20.89	20.96
		36	18	22.52	22.53	22.67	22.42	22.43	22.57	20.92	20.93	21.07
		36	39	22.48	22.62	22.69	22.38	22.52	22.59	20.88	21.02	21.09
		75	0	22.51	22.53	22.59	22.41	22.43	22.49	20.91	20.93	20.99
	16QAM	1	0	22.60	22.61	22.63	22.50	22.51	22.53	21.00	21.01	21.03
		1	38	22.93	22.82	22.89	22.83	22.72	22.79	21.33	21.22	21.29
		1	74	22.66	22.68	22.82	22.56	22.58	22.72	21.06	21.08	21.22
		36	0	21.45	21.48	21.53	21.35	21.38	21.43	19.85	19.88	19.93
		36	18	21.51	21.49	21.68	21.41	21.39	21.58	19.91	19.89	20.08
		36	39	21.49	21.63	21.71	21.39	21.53	21.61	19.89	20.03	20.11
		75	0	21.52	21.52	21.56	21.42	21.42	21.46	19.92	19.92	19.96
	64QAM	1	0	21.62	21.64	21.58	21.52	21.54	21.48	20.02	20.04	19.98
		1	38	21.63	21.73	21.86	21.53	21.63	21.76	20.03	20.13	20.26
		1	74	21.73	21.87	21.83	21.63	21.77	21.73	20.13	20.27	20.23
		36	0	20.56	20.68	20.71	20.46	20.58	20.61	18.96	19.08	19.11
		36	18	20.68	20.66	20.84	20.58	20.56	20.74	19.08	19.06	19.24
		36	39	20.65	20.77	20.84	20.55	20.67	20.74	19.05	19.17	19.24
		75	0	20.65	20.67	20.69	20.55	20.57	20.59	19.05	19.07	19.09
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20850/2510	21100/2535	21350/2560	20850/2510	21100/2535	21350/2560	20850/2510	21100/2535	21350/2560
20MHz	QPSK	1	0	23.28	23.38	23.50	23.18	23.28	23.40	21.68	21.78	21.90
		1	50	23.34	23.65	23.70	23.24	23.55	23.60	21.74	22.05	22.10
		1	99	23.43	23.66	23.71	23.33	23.56	23.61	21.83	22.06	22.11
		50	0	22.41	22.44	22.52	22.31	22.34	22.42	20.81	20.84	20.92
		50	25	22.50	22.49	22.65	22.40	22.39	22.55	20.90	20.89	21.05
		50	50	22.45	22.57	22.65	22.35	22.47	22.55	20.85	20.97	21.05

		100	0	22.48	22.48	22.55	22.38	22.38	22.45	20.88	20.88	20.95
	16QAM	1	0	22.57	22.57	22.58	22.47	22.47	22.48	20.97	20.97	20.98
		1	50	22.90	22.80	22.85	22.80	22.70	22.75	21.30	21.20	21.25
		1	99	22.63	22.65	22.80	22.53	22.55	22.70	21.03	21.05	21.20
		50	0	21.42	21.44	21.50	21.32	21.34	21.40	19.82	19.84	19.90
		50	25	21.48	21.47	21.65	21.38	21.37	21.55	19.88	19.87	20.05
		50	50	21.46	21.58	21.67	21.36	21.48	21.57	19.86	19.98	20.07
		100	0	21.50	21.48	21.53	21.40	21.38	21.43	19.90	19.88	19.93
	64QAM	1	0	21.60	21.60	21.53	21.50	21.50	21.43	20.00	20.00	19.93
		1	50	21.59	21.71	21.82	21.49	21.61	21.72	19.99	20.11	20.22
		1	99	21.67	21.81	21.77	21.57	21.71	21.67	20.07	20.21	20.17
		50	0	20.51	20.60	20.64	20.41	20.50	20.54	18.91	19.00	19.04
		50	25	20.64	20.62	20.78	20.54	20.52	20.68	19.04	19.02	19.18
		50	50	20.62	20.72	20.80	20.52	20.62	20.70	19.02	19.12	19.20
		100	0	20.63	20.63	20.66	20.53	20.53	20.56	19.03	19.03	19.06

LTE Band 12				Maximum Output Power (dBm)			Antenna 1 ERP (dBm)			Antenna 6 ERP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				23017/ 699.7	23095/ 707.5	23173/ 715.3	23017/ 699.7	23095/ 707.5	23173/ 715.3	23017/ 699.7	23095/ 707.5	23173/ 715.3
1.4MHz	QPSK	1	0	25.11	25.22	25.17	15.46	15.57	15.52	14.16	14.27	14.22
		1	2	25.16	25.11	25.09	15.51	15.46	15.44	14.21	14.16	14.14
		1	5	25.07	25.11	25.07	15.42	15.46	15.42	14.12	14.16	14.12
		3	0	24.98	25.00	24.98	15.33	15.35	15.33	14.03	14.05	14.03
		3	2	25.06	25.06	25.11	15.41	15.41	15.46	14.11	14.11	14.16
		3	3	25.08	25.05	25.08	15.43	15.40	15.43	14.13	14.10	14.13
		6	0	24.10	24.07	24.16	14.45	14.42	14.51	13.15	13.12	13.21
	16QAM	1	0	24.53	24.52	24.66	14.88	14.87	15.01	13.58	13.57	13.71
		1	2	24.43	24.40	24.48	14.78	14.75	14.83	13.48	13.45	13.53
		1	5	24.42	24.37	24.49	14.77	14.72	14.84	13.47	13.42	13.54
		3	0	24.09	24.01	24.17	14.44	14.36	14.52	13.14	13.06	13.22
		3	2	24.10	24.03	24.18	14.45	14.38	14.53	13.15	13.08	13.23
		3	3	24.12	24.09	24.17	14.47	14.44	14.52	13.17	13.14	13.22
		6	0	23.09	23.07	23.21	13.44	13.42	13.56	12.14	12.12	12.26
	64QAM	1	0	23.39	23.32	23.46	13.74	13.67	13.81	12.44	12.37	12.51
		1	2	23.31	23.25	23.35	13.66	13.60	13.70	12.36	12.30	12.40
		1	5	23.40	23.40	23.47	13.75	13.75	13.82	12.45	12.45	12.52
		3	0	23.04	22.96	23.08	13.39	13.31	13.43	12.09	12.01	12.13
		3	2	23.11	23.04	23.19	13.46	13.39	13.54	12.16	12.09	12.24
		3	3	23.08	23.05	23.16	13.43	13.40	13.51	12.13	12.10	12.21
		6	0	22.09	22.07	22.21	12.44	12.42	12.56	11.14	11.12	11.26

Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				23025/ 700.5	23095/ 707.5	23165/ 714.5	23025/ 700.5	23095/ 707.5	23165/ 714.5	23025/ 700.5	23095/ 707.5	23165/ 714.5
3MHz	QPSK	1	0	25.12	25.25	25.19	15.47	15.60	15.54	14.17	14.30	14.24
		1	7	25.15	25.15	25.14	15.50	15.50	15.49	14.20	14.20	14.19
		1	14	25.09	25.15	25.10	15.44	15.50	15.45	14.14	14.20	14.15
		8	0	24.08	24.12	24.11	14.43	14.47	14.46	13.13	13.17	13.16
		8	4	24.19	24.17	24.22	14.54	14.52	14.57	13.24	13.22	13.27
		8	7	24.18	24.18	24.19	14.53	14.53	14.54	13.23	13.23	13.24
		15	0	24.14	24.12	24.21	14.49	14.47	14.56	13.19	13.17	13.26
	16QAM	1	0	24.57	24.53	24.68	14.92	14.88	15.03	13.62	13.58	13.73
		1	7	24.47	24.42	24.52	14.82	14.77	14.87	13.52	13.47	13.57
		1	14	24.44	24.41	24.51	14.79	14.76	14.86	13.49	13.46	13.56
		8	0	23.21	23.15	23.30	13.56	13.50	13.65	12.26	12.20	12.35
		8	4	23.20	23.15	23.29	13.55	13.50	13.64	12.25	12.20	12.34
		8	7	23.22	23.21	23.30	13.57	13.56	13.65	12.27	12.26	12.35
		15	0	23.13	23.12	23.23	13.48	13.47	13.58	12.18	12.17	12.28
	64QAM	1	0	23.41	23.33	23.48	13.76	13.68	13.83	12.46	12.38	12.53
		1	7	23.34	23.27	23.37	13.69	13.62	13.72	12.39	12.32	12.42
		1	14	23.42	23.39	23.49	13.77	13.74	13.84	12.47	12.44	12.54
		8	0	22.16	22.10	22.21	12.51	12.45	12.56	11.21	11.15	11.26
		8	4	22.21	22.16	22.30	12.56	12.51	12.65	11.26	11.21	11.35
		8	7	22.18	22.17	22.29	12.53	12.52	12.64	11.23	11.22	11.34
		15	0	22.13	22.12	22.23	12.48	12.47	12.58	11.18	11.17	11.28
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				23035/ 701.5	23095/ 707.5	23155/ 713.5	23035/ 701.5	23095/ 707.5	23155/ 713.5	23035/ 701.5	23095/ 707.5	23155/ 713.5
5MHz	QPSK	1	0	25.11	25.21	25.17	15.46	15.56	15.52	14.16	14.26	14.22
		1	13	25.13	25.14	25.11	15.48	15.49	15.46	14.18	14.19	14.16
		1	24	25.06	25.10	25.06	15.41	15.45	15.41	14.11	14.15	14.11
		12	0	24.06	24.08	24.08	14.41	14.43	14.43	13.11	13.13	13.13
		12	6	24.16	24.12	24.18	14.51	14.47	14.53	13.21	13.17	13.23
		12	13	24.15	24.15	24.15	14.50	14.50	14.50	13.20	13.20	13.20
		25	0	24.12	24.08	24.16	14.47	14.43	14.51	13.17	13.13	13.21
	16QAM	1	0	24.55	24.51	24.66	14.90	14.86	15.01	13.60	13.56	13.71
		1	13	24.45	24.39	24.50	14.80	14.74	14.85	13.50	13.44	13.55
		1	24	24.42	24.37	24.48	14.77	14.72	14.83	13.47	13.42	13.53
		12	0	23.18	23.13	23.27	13.53	13.48	13.62	12.23	12.18	12.32
		12	6	23.17	23.10	23.25	13.52	13.45	13.60	12.22	12.15	12.30
		12	13	23.20	23.17	23.27	13.55	13.52	13.62	12.25	12.22	12.32
		25	0	23.10	23.07	23.19	13.45	13.42	13.54	12.15	12.12	12.24
	64QAM	1	0	23.36	23.31	23.46	13.71	13.66	13.81	12.41	12.36	12.51
		1	13	23.32	23.24	23.35	13.67	13.59	13.70	12.37	12.29	12.40

		1	24	23.43	23.38	23.50	13.78	13.73	13.85	12.48	12.43	12.55
		12	0	22.15	22.12	22.22	12.50	12.47	12.57	11.20	11.17	11.27
		12	6	22.19	22.13	22.29	12.54	12.48	12.64	11.24	11.18	11.34
		12	13	22.16	22.13	22.26	12.51	12.48	12.61	11.21	11.18	11.31
		25	0	22.10	22.07	22.19	12.45	12.42	12.54	11.15	11.12	11.24
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				23060/ 704	23095/ 707.5	23130/ 711	23060/ 704	23095/ 707.5	23130/ 711	23060/ 704	23095/ 707.5	23130/ 711
10MHz	QPSK	1	0	25.08	25.17	25.14	15.43	15.52	15.49	14.13	14.22	14.19
		1	25	25.12	25.10	25.09	15.47	15.45	15.44	14.17	14.15	14.14
		1	49	25.04	25.09	25.03	15.39	15.44	15.38	14.09	14.14	14.08
		25	0	24.03	24.03	24.04	14.38	14.38	14.39	13.08	13.08	13.09
		25	13	24.14	24.08	24.15	14.49	14.43	14.50	13.19	13.13	13.20
		25	25	24.12	24.10	24.11	14.47	14.45	14.46	13.17	13.15	13.16
		50	0	24.09	24.03	24.12	14.44	14.38	14.47	13.14	13.08	13.17
	16QAM	1	0	24.52	24.47	24.61	14.87	14.82	14.96	13.57	13.52	13.66
		1	25	24.42	24.37	24.46	14.77	14.72	14.81	13.47	13.42	13.51
		1	49	24.39	24.34	24.46	14.74	14.69	14.81	13.44	13.39	13.51
		25	0	23.15	23.09	23.24	13.50	13.44	13.59	12.20	12.14	12.29
		25	13	23.14	23.08	23.22	13.49	13.43	13.57	12.19	12.13	12.27
		25	25	23.17	23.12	23.23	13.52	13.47	13.58	12.22	12.17	12.28
		50	0	23.08	23.03	23.16	13.43	13.38	13.51	12.13	12.08	12.21
	64QAM	1	0	23.34	23.27	23.41	13.69	13.62	13.76	12.39	12.32	12.46
		1	25	23.28	23.22	23.31	13.63	13.57	13.66	12.33	12.27	12.36
		1	49	23.37	23.32	23.44	13.72	13.67	13.79	12.42	12.37	12.49
		25	0	22.10	22.04	22.15	12.45	12.39	12.50	11.15	11.09	11.20
		25	13	22.15	22.09	22.23	12.50	12.44	12.58	11.20	11.14	11.28
		25	25	22.13	22.08	22.22	12.48	12.43	12.57	11.18	11.13	11.27
		50	0	22.08	22.03	22.16	12.43	12.38	12.51	11.13	11.08	11.21

LTE Band 17				Maximum Output Power (dBm)			Antenna 1 ERP (dBm)			Antenna 6 ERP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				23755/ 706.5	2379 0/710	23825/ 713.5	23755/ 706.5	2379 0/710	23825/ 713.5	23755/ 706.5	2379 0/710	23825/ 713.5
5MHz	QPSK	1	0	24.93	24.97	24.98	15.28	15.32	15.33	13.98	14.02	14.03
		1	13	24.92	25.00	24.96	15.27	15.35	15.31	13.97	14.05	14.01
		1	24	24.97	24.90	24.92	15.32	15.25	15.27	14.02	13.95	13.97
		12	0	23.95	23.96	23.94	14.30	14.31	14.29	13.00	13.01	12.99
		12	6	24.00	23.96	23.95	14.35	14.31	14.30	13.05	13.01	13.00
		12	13	23.95	23.95	23.95	14.30	14.30	14.30	13.00	13.00	13.00
		25	0	24.00	23.95	23.95	14.35	14.30	14.30	13.05	13.00	13.00

	16QAM	1	0	24.36	24.24	24.33	14.71	14.59	14.68	13.41	13.29	13.38
		1	13	24.44	24.37	24.43	14.79	14.72	14.78	13.49	13.42	13.48
		1	24	24.45	24.27	24.38	14.80	14.62	14.73	13.50	13.32	13.43
		12	0	23.13	22.99	23.08	13.48	13.34	13.43	12.18	12.04	12.13
		12	6	23.15	22.95	23.11	13.50	13.30	13.46	12.20	12.00	12.16
		12	13	23.14	22.96	23.09	13.49	13.31	13.44	12.19	12.01	12.14
		25	0	23.04	22.93	23.04	13.39	13.28	13.39	12.09	11.98	12.09
	64QAM	1	0	23.15	23.01	23.17	13.50	13.36	13.52	12.20	12.06	12.22
		1	13	23.29	23.17	23.28	13.64	13.52	13.63	12.34	12.22	12.33
		1	24	23.31	23.14	23.26	13.66	13.49	13.61	12.36	12.19	12.31
		12	0	22.15	22.03	22.12	12.50	12.38	12.47	11.20	11.08	11.17
		12	6	22.19	21.97	22.14	12.54	12.32	12.49	11.24	11.02	11.19
		12	13	22.12	21.95	22.08	12.47	12.30	12.43	11.17	11.00	11.13
		25	0	22.06	21.92	22.03	12.41	12.27	12.38	11.11	10.97	11.08
Bandwidth	Modulation	RB alloc ation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				23780/ 709	2379 0/710	23800/ 711	23780/ 709	2379 0/710	23800/ 711	23780/ 709	2379 0/710	23800/ 711
10MHz	QPSK	1	0	24.90	24.93	24.95	15.25	15.28	15.30	13.95	13.98	14.00
		1	25	24.91	24.96	24.94	15.26	15.31	15.29	13.96	14.01	13.99
		1	49	24.95	24.89	24.89	15.30	15.24	15.24	14.00	13.94	13.94
		25	0	23.92	23.91	23.90	14.27	14.26	14.25	12.97	12.96	12.95
		25	13	23.98	23.92	23.92	14.33	14.27	14.27	13.03	12.97	12.97
		25	25	23.92	23.90	23.91	14.27	14.25	14.26	12.97	12.95	12.96
		50	0	23.97	23.90	23.91	14.32	14.25	14.26	13.02	12.95	12.96
	16QAM	1	0	24.33	24.20	24.28	14.68	14.55	14.63	13.38	13.25	13.33
		1	25	24.41	24.35	24.39	14.76	14.70	14.74	13.46	13.40	13.44
		1	49	24.42	24.24	24.36	14.77	14.59	14.71	13.47	13.29	13.41
		25	0	23.10	22.95	23.05	13.45	13.30	13.40	12.15	12.00	12.10
		25	13	23.12	22.93	23.08	13.47	13.28	13.43	12.17	11.98	12.13
		25	25	23.11	22.91	23.05	13.46	13.26	13.40	12.16	11.96	12.10
		50	0	23.02	22.89	23.01	13.37	13.24	13.36	12.07	11.94	12.06
	64QAM	1	0	23.13	22.97	23.12	13.48	13.32	13.47	12.18	12.02	12.17
		1	25	23.25	23.15	23.24	13.60	13.50	13.59	12.30	12.20	12.29
		1	49	23.25	23.08	23.20	13.60	13.43	13.55	12.30	12.13	12.25
		25	0	22.10	21.95	22.05	12.45	12.30	12.40	11.15	11.00	11.10
		25	13	22.15	21.93	22.08	12.50	12.28	12.43	11.20	10.98	11.13
		25	25	22.09	21.90	22.04	12.44	12.25	12.39	11.14	10.95	11.09
		50	0	22.04	21.88	22.00	12.39	12.23	12.35	11.09	10.93	11.05

LTE Band 38				Maximum Output Power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				37775/ 2572.5	38000 /2595	38225/ 2617.5	37775/ 2572.5	38000 /2595	38225/ 2617.5	37775/ 2572.5	38000 /2595	38225/ 2617.5
5MHz	QPSK	1	0	24.10	24.28	24.23	24.00	24.18	24.13	22.50	22.68	22.63
		1	13	24.03	24.21	24.33	23.93	24.11	24.23	22.43	22.61	22.73
		1	24	24.47	24.21	24.39	24.37	24.11	24.29	22.87	22.61	22.79
		12	0	23.05	23.01	23.01	22.95	22.91	22.91	21.45	21.41	21.41
		12	6	23.19	23.11	23.14	23.09	23.01	23.04	21.59	21.51	21.54
		12	13	23.16	23.10	23.09	23.06	23.00	22.99	21.56	21.50	21.49
		25	0	23.13	23.11	23.11	23.03	23.01	23.01	21.53	21.51	21.51
	16QAM	1	0	23.23	23.37	23.33	23.13	23.27	23.23	21.63	21.77	21.73
		1	13	23.40	23.30	23.35	23.30	23.20	23.25	21.80	21.70	21.75
		1	24	23.49	23.39	23.32	23.39	23.29	23.22	21.89	21.79	21.72
		12	0	22.12	21.98	21.99	22.02	21.88	21.89	20.52	20.38	20.39
		12	6	22.25	22.13	22.14	22.15	22.03	22.04	20.65	20.53	20.54
		12	13	22.16	22.07	22.14	22.06	21.97	22.04	20.56	20.47	20.54
		25	0	22.12	22.07	22.05	22.02	21.97	21.95	20.52	20.47	20.45
	64QAM	1	0	22.28	22.18	22.30	22.18	22.08	22.20	20.68	20.58	20.70
		1	13	22.46	22.34	22.29	22.36	22.24	22.19	20.86	20.74	20.69
		1	24	22.37	22.25	22.35	22.27	22.15	22.25	20.77	20.65	20.75
		12	0	21.07	20.99	21.08	20.97	20.89	20.98	19.47	19.39	19.48
		12	6	21.22	21.08	21.16	21.12	20.98	21.06	19.62	19.48	19.56
		12	13	21.16	21.06	21.13	21.06	20.96	21.03	19.56	19.46	19.53
		25	0	21.11	21.06	21.08	21.01	20.96	20.98	19.51	19.46	19.48
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				37800/ 2575	38000 /2595	38200/ 2615	37800/ 2575	38000 /2595	38200/ 2615	37800/ 2575	38000 /2595	38200/ 2615
10MHz	QPSK	1	0	24.12	24.29	24.26	24.02	24.19	24.16	22.52	22.69	22.66
		1	25	24.06	24.26	24.37	23.96	24.16	24.27	22.46	22.66	22.77
		1	49	24.49	24.25	24.42	24.39	24.15	24.32	22.89	22.65	22.82
		25	0	23.08	23.06	23.05	22.98	22.96	22.95	21.48	21.46	21.45
		25	13	23.22	23.16	23.18	23.12	23.06	23.08	21.62	21.56	21.58
		25	25	23.18	23.14	23.14	23.08	23.04	23.04	21.58	21.54	21.54
		50	0	23.17	23.13	23.15	23.07	23.03	23.05	21.57	21.53	21.55
	16QAM	1	0	23.27	23.40	23.35	23.17	23.30	23.25	21.67	21.80	21.75
		1	25	23.44	23.34	23.38	23.34	23.24	23.28	21.84	21.74	21.78
		1	49	23.52	23.41	23.35	23.42	23.31	23.25	21.92	21.81	21.75
		25	0	22.15	22.03	22.03	22.05	21.93	21.93	20.55	20.43	20.43
		25	13	22.27	22.17	22.17	22.17	22.07	22.07	20.67	20.57	20.57
		25	25	22.19	22.12	22.18	22.09	22.02	22.08	20.59	20.52	20.58

		50	0	22.15	22.12	22.09	22.05	22.02	21.99	20.55	20.52	20.49
	64QAM	1	0	22.30	22.17	22.32	22.20	22.07	22.22	20.70	20.57	20.72
		1	25	22.49	22.34	22.32	22.39	22.24	22.22	20.89	20.74	20.72
		1	49	22.36	22.27	22.38	22.26	22.17	22.28	20.76	20.67	20.78
		25	0	21.10	21.04	21.08	21.00	20.94	20.98	19.50	19.44	19.48
		25	13	21.24	21.12	21.19	21.14	21.02	21.09	19.64	19.52	19.59
		25	25	21.19	21.11	21.17	21.09	21.01	21.07	19.59	19.51	19.57
		50	0	21.14	21.11	21.12	21.04	21.01	21.02	19.54	19.51	19.52
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				37825/ 2577.5	38000 /2595	38175/ 2612.5	37825/ 2577.5	38000 /2595	38175/ 2612.5	37825/ 2577.5	38000 /2595	38175/ 2612.5
15MHz	QPSK	1	0	24.11	24.25	24.24	24.01	24.15	24.14	22.51	22.65	22.64
		1	38	24.04	24.25	24.34	23.94	24.15	24.24	22.44	22.65	22.74
		1	74	24.46	24.20	24.38	24.36	24.10	24.28	22.86	22.60	22.78
		36	0	23.06	23.02	23.02	22.96	22.92	22.92	21.46	21.42	21.42
		36	18	23.19	23.11	23.14	23.09	23.01	23.04	21.59	21.51	21.54
		36	39	23.15	23.11	23.10	23.05	23.01	23.00	21.55	21.51	21.50
		75	0	23.15	23.09	23.10	23.05	22.99	23.00	21.55	21.49	21.50
	16QAM	1	0	23.25	23.38	23.33	23.15	23.28	23.23	21.65	21.78	21.73
		1	38	23.42	23.31	23.36	23.32	23.21	23.26	21.82	21.71	21.76
		1	74	23.50	23.37	23.32	23.40	23.27	23.22	21.90	21.77	21.72
		36	0	22.12	22.01	22.00	22.02	21.91	21.90	20.52	20.41	20.40
		36	18	22.24	22.12	22.13	22.14	22.02	22.03	20.64	20.52	20.53
		36	39	22.17	22.08	22.15	22.07	21.98	22.05	20.57	20.48	20.55
		75	0	22.12	22.07	22.05	22.02	21.97	21.95	20.52	20.47	20.45
	64QAM	1	0	22.25	22.15	22.30	22.15	22.05	22.20	20.65	20.55	20.70
		1	38	22.47	22.31	22.30	22.37	22.21	22.20	20.87	20.71	20.70
		1	74	22.37	22.26	22.39	22.27	22.16	22.29	20.77	20.66	20.79
		36	0	21.09	21.06	21.09	20.99	20.96	20.99	19.49	19.46	19.49
		36	18	21.22	21.09	21.18	21.12	20.99	21.08	19.62	19.49	19.58
		36	39	21.17	21.07	21.14	21.07	20.97	21.04	19.57	19.47	19.54
		75	0	21.11	21.06	21.08	21.01	20.96	20.98	19.51	19.46	19.48
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				37850/ 2580	38000 /2595	38150/ 2610	37850/ 2580	38000 /2595	38150/ 2610	37850/ 2580	38000 /2595	38150/ 2610
20MHz	QPSK	1	0	24.08	24.21	24.21	23.98	24.11	24.11	22.48	22.61	22.61
		1	50	24.03	24.21	24.32	23.93	24.11	24.22	22.43	22.61	22.72
		1	99	24.44	24.23	24.35	24.34	24.13	24.25	22.84	22.63	22.75
		50	0	23.03	22.97	22.98	22.93	22.87	22.88	21.43	21.37	21.38
		50	25	23.05	23.07	23.11	22.95	22.97	23.01	21.45	21.47	21.51
		50	50	23.06	23.06	23.06	22.96	22.96	22.96	21.46	21.46	21.46
		100	0	23.12	23.04	23.06	23.02	22.94	22.96	21.52	21.44	21.46
	16QAM	1	0	23.22	23.34	23.28	23.12	23.24	23.18	21.62	21.74	21.68

		1	50	23.39	23.29	23.32	23.29	23.19	23.22	21.79	21.69	21.72
		1	99	23.47	23.34	23.30	23.37	23.24	23.20	21.87	21.74	21.70
		50	0	22.09	21.97	21.97	21.99	21.87	21.87	20.49	20.37	20.37
		50	25	22.21	22.10	22.10	22.11	22.00	22.00	20.61	20.50	20.50
		50	50	22.14	22.03	22.11	22.04	21.93	22.01	20.54	20.43	20.51
		100	0	22.10	22.03	22.02	22.00	21.93	21.92	20.50	20.43	20.42
	64QAM	1	0	22.23	22.11	22.25	22.13	22.01	22.15	20.63	20.51	20.65
		1	50	22.43	22.29	22.26	22.33	22.19	22.16	20.83	20.69	20.66
		1	99	22.31	22.20	22.33	22.21	22.10	22.23	20.71	20.60	20.73
		50	0	21.04	20.98	21.02	20.94	20.88	20.92	19.44	19.38	19.42
		50	25	21.18	21.05	21.12	21.08	20.95	21.02	19.58	19.45	19.52
		50	50	21.14	21.02	21.10	21.04	20.92	21.00	19.54	19.42	19.50
		100	0	21.09	21.02	21.05	20.99	20.92	20.95	19.49	19.42	19.45

LTE Band 40 Subset 1								
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Antenna 2 EIRP (dBm)	Antenna 4 EIRP (dBm)	Verdict
5	38725	1	#0	QPSK	23.34	22.64	21.84	PASS
5	38725	1	#Mid	QPSK	24.22	23.52	22.72	PASS
5	38725	1	#Max	QPSK	24.78	24.08	23.28	PASS
5	38725	12	#0	QPSK	22.60	21.90	21.10	PASS
5	38725	12	#Mid	QPSK	22.71	22.01	21.21	PASS
5	38725	12	#Max	QPSK	23.72	23.02	22.22	PASS
5	38725	25	#0	QPSK	23.28	22.58	21.78	PASS
5	38725	1	#0	QAM16	22.65	21.95	21.15	PASS
5	38725	1	#Mid	QAM16	23.51	22.81	22.01	PASS
5	38725	1	#Max	QAM16	24.10	23.40	22.60	PASS
5	38725	12	#0	QAM16	21.61	20.91	20.11	PASS
5	38725	12	#Mid	QAM16	21.55	20.85	20.05	PASS
5	38725	12	#Max	QAM16	22.69	21.99	21.19	PASS
5	38725	25	#0	QAM16	22.32	21.62	20.82	PASS
5	38750	1	#0	QPSK	24.82	24.12	23.32	PASS
5	38750	1	#Mid	QPSK	25.48	24.78	23.98	PASS
5	38750	1	#Max	QPSK	25.95	25.25	24.45	PASS
5	38750	12	#0	QPSK	24.00	23.30	22.50	PASS
5	38750	12	#Mid	QPSK	23.87	23.17	22.37	PASS
5	38750	12	#Max	QPSK	24.72	24.02	23.22	PASS
5	38750	25	#0	QPSK	24.23	23.53	22.73	PASS
5	38750	1	#0	QAM16	23.71	23.01	22.21	PASS
5	38750	1	#Mid	QAM16	24.45	23.75	22.95	PASS
5	38750	1	#Max	QAM16	24.94	24.24	23.44	PASS

5	38750	12	#0	QAM16	22.90	22.20	21.40	PASS
5	38750	12	#Mid	QAM16	22.89	22.19	21.39	PASS
5	38750	12	#Max	QAM16	23.89	23.19	22.39	PASS
5	38750	25	#0	QAM16	23.38	22.68	21.88	PASS
5	38775	1	#0	QPSK	25.91	25.21	24.41	PASS
5	38775	1	#Mid	QPSK	26.42	25.72	24.92	PASS
5	38775	1	#Max	QPSK	26.69	25.99	25.19	PASS
5	38775	12	#0	QPSK	25.07	24.37	23.57	PASS
5	38775	12	#Mid	QPSK	24.99	24.29	23.49	PASS
5	38775	12	#Max	QPSK	25.91	25.21	24.41	PASS
5	38775	25	#0	QPSK	25.38	24.68	23.88	PASS
5	38775	1	#0	QAM16	24.78	24.08	23.28	PASS
5	38775	1	#Mid	QAM16	25.41	24.71	23.91	PASS
5	38775	1	#Max	QAM16	25.71	25.01	24.21	PASS
5	38775	12	#0	QAM16	23.89	23.19	22.39	PASS
5	38775	12	#Mid	QAM16	23.85	23.15	22.35	PASS
5	38775	12	#Max	QAM16	24.75	24.05	23.25	PASS
5	38775	25	#0	QAM16	24.47	23.77	22.97	PASS
10	38750	1	#0	QPSK	24.03	23.33	22.53	PASS
10	38750	1	#Mid	QPSK	25.54	24.84	24.04	PASS
10	38750	1	#Max	QPSK	26.53	25.83	25.03	PASS
10	38750	25	#0	QPSK	23.53	22.83	22.03	PASS
10	38750	25	#Mid	QPSK	23.47	22.77	21.97	PASS
10	38750	25	#Max	QPSK	25.29	24.59	23.79	PASS
10	38750	50	#0	QPSK	24.36	23.66	22.86	PASS
10	38750	1	#0	QAM16	23.03	22.33	21.53	PASS
10	38750	1	#Mid	QAM16	24.46	23.76	22.96	PASS
10	38750	1	#Max	QAM16	25.43	24.73	23.93	PASS
10	38750	25	#0	QAM16	22.36	21.66	20.86	PASS
10	38750	25	#Mid	QAM16	22.37	21.67	20.87	PASS
10	38750	25	#Max	QAM16	24.25	23.55	22.75	PASS
10	38750	50	#0	QAM16	23.43	22.73	21.93	PASS
5	38725	1	#0	64QAM	22.63	21.93	21.13	PASS
5	38725	1	#Mid	64QAM	23.69	22.99	22.19	PASS
5	38725	1	#Max	64QAM	24.43	23.73	22.93	PASS
5	38725	12	#0	64QAM	20.60	19.90	19.10	PASS
5	38725	12	#Mid	64QAM	20.62	19.92	19.12	PASS
5	38725	12	#Max	64QAM	21.86	21.16	20.36	PASS
5	38725	25	#0	64QAM	21.26	20.56	19.76	PASS
5	38750	1	#0	64QAM	22.91	22.21	21.41	PASS
5	38750	1	#Mid	64QAM	23.59	22.89	22.09	PASS
5	38750	1	#Max	64QAM	24.09	23.39	22.59	PASS
5	38750	12	#0	64QAM	22.02	21.32	20.52	PASS

5	38750	12	#Mid	64QAM	21.99	21.29	20.49	PASS
5	38750	12	#Max	64QAM	22.92	22.22	21.42	PASS
5	38750	25	#0	64QAM	22.49	21.79	20.99	PASS
5	38775	1	#0	64QAM	24.18	23.48	22.68	PASS
5	38775	1	#Mid	64QAM	24.79	24.09	23.29	PASS
5	38775	1	#Max	64QAM	25.20	24.50	23.70	PASS
5	38775	12	#0	64QAM	23.09	22.39	21.59	PASS
5	38775	12	#Mid	64QAM	23.00	22.30	21.50	PASS
5	38775	12	#Max	64QAM	23.90	23.20	22.40	PASS
5	38775	25	#0	64QAM	23.50	22.80	22.00	PASS
10	38750	1	#0	64QAM	22.24	21.54	20.74	PASS
10	38750	1	#Mid	64QAM	23.65	22.95	22.15	PASS
10	38750	1	#Max	64QAM	24.76	24.06	23.26	PASS
10	38750	25	#0	64QAM	21.53	20.83	20.03	PASS
10	38750	25	#Mid	64QAM	21.49	20.79	19.99	PASS
10	38750	25	#Max	64QAM	23.44	22.74	21.94	PASS
10	38750	50	#0	64QAM	22.48	21.78	20.98	PASS

LTE Band 40 Subset 2								
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Antenna 2 EIRP (dBm)	Antenna 4 EIRP (dBm)	Verdict
5	39175	1	#0	QPSK	24.61	23.91	23.11	PASS
5	39175	1	#Mid	QPSK	24.47	23.77	22.97	PASS
5	39175	1	#Max	QPSK	24.55	23.85	23.05	PASS
5	39175	12	#0	QPSK	23.58	22.88	22.08	PASS
5	39175	12	#Mid	QPSK	23.75	23.05	22.25	PASS
5	39175	12	#Max	QPSK	23.64	22.94	22.14	PASS
5	39175	25	#0	QPSK	23.47	22.77	21.97	PASS
5	39175	1	#0	QAM16	23.27	22.57	21.77	PASS
5	39175	1	#Mid	QAM16	23.26	22.56	21.76	PASS
5	39175	1	#Max	QAM16	23.34	22.64	21.84	PASS
5	39175	12	#0	QAM16	22.77	22.07	21.27	PASS
5	39175	12	#Mid	QAM16	23.26	22.56	21.76	PASS
5	39175	12	#Max	QAM16	23.35	22.65	21.85	PASS
5	39175	25	#0	QAM16	23.29	22.59	21.79	PASS
5	39200	1	#0	QPSK	24.41	23.71	22.91	PASS
5	39200	1	#Mid	QPSK	24.29	23.59	22.79	PASS
5	39200	1	#Max	QPSK	24.28	23.58	22.78	PASS
5	39200	12	#0	QPSK	23.31	22.61	21.81	PASS
5	39200	12	#Mid	QPSK	23.38	22.68	21.88	PASS
5	39200	12	#Max	QPSK	23.15	22.45	21.65	PASS

5	39200	25	#0	QPSK	23.09	22.39	21.59	PASS
5	39200	1	#0	QAM16	22.90	22.20	21.40	PASS
5	39200	1	#Mid	QAM16	22.94	22.24	21.44	PASS
5	39200	1	#Max	QAM16	22.95	22.25	21.45	PASS
5	39200	12	#0	QAM16	22.65	21.95	21.15	PASS
5	39200	12	#Mid	QAM16	23.26	22.56	21.76	PASS
5	39200	12	#Max	QAM16	23.37	22.67	21.87	PASS
5	39200	25	#0	QAM16	23.05	22.35	21.55	PASS
5	39225	1	#0	QPSK	24.18	23.48	22.68	PASS
5	39225	1	#Mid	QPSK	24.02	23.32	22.52	PASS
5	39225	1	#Max	QPSK	24.23	23.53	22.73	PASS
5	39225	12	#0	QPSK	23.21	22.51	21.71	PASS
5	39225	12	#Mid	QPSK	23.16	22.46	21.66	PASS
5	39225	12	#Max	QPSK	23.14	22.44	21.64	PASS
5	39225	25	#0	QPSK	22.71	22.01	21.21	PASS
5	39225	1	#0	QAM16	22.43	21.73	20.93	PASS
5	39225	1	#Mid	QAM16	22.31	21.61	20.81	PASS
5	39225	1	#Max	QAM16	22.54	21.84	21.04	PASS
5	39225	12	#0	QAM16	22.19	21.49	20.69	PASS
5	39225	12	#Mid	QAM16	22.83	22.13	21.33	PASS
5	39225	12	#Max	QAM16	23.02	22.32	21.52	PASS
5	39225	25	#0	QAM16	22.82	22.12	21.32	PASS
10	39200	1	#0	QPSK	23.66	22.96	22.16	PASS
10	39200	1	#Mid	QPSK	23.40	22.70	21.90	PASS
10	39200	1	#Max	QPSK	23.66	22.96	22.16	PASS
10	39200	25	#0	QPSK	23.17	22.47	21.67	PASS
10	39200	25	#Mid	QPSK	23.52	22.82	22.02	PASS
10	39200	25	#Max	QPSK	22.98	22.28	21.48	PASS
10	39200	50	#0	QPSK	22.91	22.21	21.41	PASS
10	39200	1	#0	QAM16	22.91	22.21	21.41	PASS
10	39200	1	#Mid	QAM16	22.70	22.00	21.20	PASS
10	39200	1	#Max	QAM16	23.04	22.34	21.54	PASS
10	39200	25	#0	QAM16	22.58	21.88	21.08	PASS
10	39200	25	#Mid	QAM16	23.14	22.44	21.64	PASS
10	39200	25	#Max	QAM16	23.06	22.36	21.56	PASS
10	39200	50	#0	QAM16	22.84	22.14	21.34	PASS
5	39175	1	#0	64QAM	23.33	22.63	21.83	PASS
5	39175	1	#Mid	64QAM	23.22	22.52	21.72	PASS
5	39175	1	#Max	64QAM	23.30	22.60	21.80	PASS
5	39175	12	#0	64QAM	22.76	22.06	21.26	PASS
5	39175	12	#Mid	64QAM	22.81	22.11	21.31	PASS
5	39175	12	#Max	64QAM	22.72	22.02	21.22	PASS
5	39175	25	#0	64QAM	22.63	21.93	21.13	PASS

5	39200	1	#0	64QAM	23.09	22.39	21.59	PASS
5	39200	1	#Mid	64QAM	22.93	22.23	21.43	PASS
5	39200	1	#Max	64QAM	22.92	22.22	21.42	PASS
5	39200	12	#0	64QAM	22.27	21.57	20.77	PASS
5	39200	12	#Mid	64QAM	22.40	21.70	20.90	PASS
5	39200	12	#Max	64QAM	22.48	21.78	20.98	PASS
5	39200	25	#0	64QAM	22.44	21.74	20.94	PASS
5	39225	1	#0	64QAM	22.91	22.21	21.41	PASS
5	39225	1	#Mid	64QAM	22.66	21.96	21.16	PASS
5	39225	1	#Max	64QAM	22.85	22.15	21.35	PASS
5	39225	12	#0	64QAM	22.10	21.40	20.60	PASS
5	39225	12	#Mid	64QAM	22.33	21.63	20.83	PASS
5	39225	12	#Max	64QAM	22.49	21.79	20.99	PASS
5	39225	25	#0	64QAM	22.13	21.43	20.63	PASS
10	39200	1	#0	64QAM	23.35	22.65	21.85	PASS
10	39200	1	#Mid	64QAM	23.06	22.36	21.56	PASS
10	39200	1	#Max	64QAM	23.29	22.59	21.79	PASS
10	39200	25	#0	64QAM	22.27	21.57	20.77	PASS
10	39200	25	#Mid	64QAM	22.44	21.74	20.94	PASS
10	39200	25	#Max	64QAM	22.38	21.68	20.88	PASS
10	39200	50	#0	64QAM	22.14	21.44	20.64	PASS

LTE Band 41				Maximum Output Power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				39675/ 2498.5	40620 /2593	41565/ 2687.5	39675/ 2498.5	40620 /2593	41565/ 2687.5	39675/ 2498.5	40620 /2593	41565/ 2687.5
5MHz	QPSK	1	0	25.77	25.72	25.82	25.67	25.62	25.72	24.17	24.12	24.22
		1	13	25.54	25.55	25.69	25.44	25.45	25.59	23.94	23.95	24.09
		1	24	25.75	25.96	25.85	25.65	25.86	25.75	24.15	24.36	24.25
		12	0	24.56	24.67	24.63	24.46	24.57	24.53	22.96	23.07	23.03
		12	6	24.64	24.75	24.71	24.54	24.65	24.61	23.04	23.15	23.11
		12	13	24.67	24.74	24.67	24.57	24.64	24.57	23.07	23.14	23.07
		25	0	24.60	24.70	24.75	24.50	24.60	24.65	23.00	23.10	23.15
	16QAM	1	0	25.07	24.73	25.04	24.97	24.63	24.94	23.47	23.13	23.44
		1	13	24.77	24.89	24.79	24.67	24.79	24.69	23.17	23.29	23.19
		1	24	24.89	25.03	24.84	24.79	24.93	24.74	23.29	23.43	23.24
		12	0	23.74	23.66	23.67	23.64	23.56	23.57	22.14	22.06	22.07
		12	6	23.79	23.77	23.72	23.69	23.67	23.62	22.19	22.17	22.12
		12	13	23.74	23.74	23.68	23.64	23.64	23.58	22.14	22.14	22.08
		25	0	23.79	23.75	23.71	23.69	23.65	23.61	22.19	22.15	22.11
	64QAM	1	0	23.88	23.81	23.82	23.78	23.71	23.72	22.28	22.21	22.22

		1	13	23.99	23.84	23.95	23.89	23.74	23.85	22.39	22.24	22.35
		1	24	23.84	23.84	23.76	23.74	23.74	23.66	22.24	22.24	22.16
		12	0	22.65	22.67	22.65	22.55	22.57	22.55	21.05	21.07	21.05
		12	6	22.78	22.78	22.72	22.68	22.68	22.62	21.18	21.18	21.12
		12	13	22.74	22.69	22.68	22.64	22.59	22.58	21.14	21.09	21.08
		25	0	22.74	22.74	22.69	22.64	22.64	22.59	21.14	21.14	21.09
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				39700/2501	40620/2593	41540/2685	39700/2501	40620/2593	41540/2685	39700/2501	40620/2593	41540/2685
10MHz	QPSK	1	0	25.74	25.85	25.85	25.64	25.75	25.75	24.14	24.25	24.25
		1	25	25.58	25.73	25.73	25.48	25.63	25.63	23.98	24.13	24.13
		1	49	25.98	25.88	25.78	25.88	25.78	25.68	24.38	24.28	24.18
		25	0	24.70	24.67	24.61	24.60	24.57	24.51	23.10	23.07	23.01
		25	13	24.78	24.75	24.70	24.68	24.65	24.60	23.18	23.15	23.10
		25	25	24.76	24.72	24.69	24.66	24.62	24.59	23.16	23.12	23.09
		50	0	24.74	24.79	24.69	24.64	24.69	24.59	23.14	23.19	23.09
	16QAM	1	0	24.77	25.06	24.81	24.67	24.96	24.71	23.17	23.46	23.21
		1	25	24.93	24.82	24.77	24.83	24.72	24.67	23.33	23.22	23.17
		1	49	25.06	24.87	24.90	24.96	24.77	24.80	23.46	23.27	23.30
		25	0	23.69	23.71	23.56	23.59	23.61	23.46	22.09	22.11	21.96
		25	13	23.79	23.75	23.71	23.69	23.65	23.61	22.19	22.15	22.11
		25	25	23.77	23.72	23.70	23.67	23.62	23.60	22.17	22.12	22.10
		50	0	23.78	23.75	23.67	23.68	23.65	23.57	22.18	22.15	22.07
	64QAM	1	0	23.83	23.84	23.77	23.73	23.74	23.67	22.23	22.24	22.17
		1	25	23.87	23.98	23.78	23.77	23.88	23.68	22.27	22.38	22.18
		1	49	23.83	23.79	23.93	23.73	23.69	23.83	22.23	22.19	22.33
		25	0	22.70	22.65	22.58	22.60	22.55	22.48	21.10	21.05	20.98
		25	13	22.80	22.75	22.69	22.70	22.65	22.59	21.20	21.15	21.09
		25	25	22.72	22.72	22.67	22.62	22.62	22.57	21.12	21.12	21.07
		50	0	22.77	22.73	22.70	22.67	22.63	22.60	21.17	21.13	21.10
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				39725/2503.5	40620/2593	41515/2682.5	39725/2503.5	40620/2593	41515/2682.5	39725/2503.5	40620/2593	41515/2682.5
15MHz	QPSK	1	0	25.73	25.83	25.81	25.63	25.73	25.71	24.13	24.23	24.21
		1	38	25.56	25.70	25.72	25.46	25.60	25.62	23.96	24.10	24.12
		1	74	25.95	25.84	25.73	25.85	25.74	25.63	24.35	24.24	24.13
		36	0	24.68	24.64	24.57	24.58	24.54	24.47	23.08	23.04	22.97
		36	18	24.75	24.71	24.65	24.65	24.61	24.55	23.15	23.11	23.05
		36	39	24.73	24.68	24.66	24.63	24.58	24.56	23.13	23.08	23.06
		75	0	24.72	24.74	24.65	24.62	24.64	24.55	23.12	23.14	23.05
	16QAM	1	0	24.75	25.04	24.79	24.65	24.94	24.69	23.15	23.44	23.19
		1	38	24.91	24.80	24.74	24.81	24.70	24.64	23.31	23.20	23.14
		1	74	25.04	24.84	24.86	24.94	24.74	24.76	23.44	23.24	23.26

		36	0	23.66	23.68	23.54	23.56	23.58	23.44	22.06	22.08	21.94
		36	18	23.76	23.71	23.66	23.66	23.61	23.56	22.16	22.11	22.06
		36	39	23.75	23.69	23.66	23.65	23.59	23.56	22.15	22.09	22.06
		75	0	23.75	23.71	23.62	23.65	23.61	23.52	22.15	22.11	22.02
		1	0	23.78	23.82	23.75	23.68	23.72	23.65	22.18	22.22	22.15
		1	38	23.85	23.96	23.75	23.75	23.86	23.65	22.25	22.36	22.15
		1	74	23.84	23.80	23.92	23.74	23.70	23.82	22.24	22.20	22.32
	64QAM	36	0	22.69	22.66	22.60	22.59	22.56	22.50	21.09	21.06	21.00
		36	18	22.78	22.74	22.66	22.68	22.64	22.56	21.18	21.14	21.06
		36	39	22.70	22.69	22.63	22.60	22.59	22.53	21.10	21.09	21.03
		75	0	22.74	22.69	22.65	22.64	22.59	22.55	21.14	21.09	21.05
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				39750/2506	40620/2593	41490/2680	39750/2506	40620/2593	41490/2680	39750/2506	40620/2593	41490/2680
20MHz	QPSK	1	0	25.70	25.80	25.77	25.60	25.70	25.67	24.10	24.20	24.17
		1	50	25.55	25.68	25.68	25.45	25.58	25.58	23.95	24.08	24.08
		1	99	25.93	25.81	25.72	25.83	25.71	25.62	24.33	24.21	24.12
		50	0	24.65	24.60	24.52	24.55	24.50	24.42	23.05	23.00	22.92
		50	25	24.73	24.68	24.61	24.63	24.58	24.51	23.13	23.08	23.01
		50	50	24.70	24.64	24.61	24.60	24.54	24.51	23.10	23.04	23.01
		100	0	24.69	24.70	24.60	24.59	24.60	24.50	23.09	23.10	23.00
	16QAM	1	0	24.72	24.99	24.75	24.62	24.89	24.65	23.12	23.39	23.15
		1	50	24.88	24.76	24.72	24.78	24.66	24.62	23.28	23.16	23.12
		1	99	25.01	24.82	24.83	24.91	24.72	24.73	23.41	23.22	23.23
		50	0	23.63	23.65	23.50	23.53	23.55	23.40	22.03	22.05	21.90
		50	25	23.73	23.68	23.64	23.63	23.58	23.54	22.13	22.08	22.04
		50	50	23.72	23.65	23.61	23.62	23.55	23.51	22.12	22.05	22.01
		100	0	23.73	23.68	23.58	23.63	23.58	23.48	22.13	22.08	21.98
	64QAM	1	0	23.76	23.77	23.71	23.66	23.67	23.61	22.16	22.17	22.11
		1	50	23.81	23.92	23.73	23.71	23.82	23.63	22.21	22.32	22.13
		1	99	23.78	23.74	23.86	23.68	23.64	23.76	22.18	22.14	22.26
		50	0	22.64	22.59	22.52	22.54	22.49	22.42	21.04	20.99	20.92
		50	25	22.74	22.68	22.62	22.64	22.58	22.52	21.14	21.08	21.02
		50	50	22.67	22.65	22.58	22.57	22.55	22.48	21.07	21.05	20.98
		100	0	22.72	22.66	22.61	22.62	22.56	22.51	21.12	21.06	21.01

LTE Band 66				Maximum Output Power (dBm)			Antenna 3 EIRP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				131979/1710.7	132322/1745	132665/1779.3	131979/1710.7	132322/1745	132665/1779.3
1.4MHz	QPSK	1	0	24.14	24.35	23.94	21.24	21.45	21.04
		1	2	24.49	24.22	24.41	21.59	21.32	21.51

		1	5	24.41	24.63	24.41	21.51	21.73	21.51
		3	0	23.95	24.27	24.01	21.05	21.37	21.11
		3	2	24.12	24.23	24.11	21.22	21.33	21.21
		3	3	24.07	24.29	24.06	21.17	21.39	21.16
		6	0	23.17	23.30	23.19	20.27	20.40	20.29
	16QAM	1	0	23.40	23.36	23.30	20.50	20.46	20.40
		1	2	23.64	23.65	23.60	20.74	20.75	20.70
		1	5	23.30	23.26	23.18	20.40	20.36	20.28
		3	0	23.23	23.14	23.08	20.33	20.24	20.18
		3	2	23.20	23.11	23.04	20.30	20.21	20.14
		3	3	23.08	23.04	22.94	20.18	20.14	20.04
		6	0	22.33	22.27	22.21	19.43	19.37	19.31
	64QAM	1	0	22.38	22.30	22.22	19.48	19.40	19.32
		1	2	22.25	22.21	22.16	19.35	19.31	19.26
		1	5	22.39	22.33	22.22	19.49	19.43	19.32
		3	0	22.03	21.97	21.93	19.13	19.07	19.03
		3	2	22.20	22.12	22.05	19.30	19.22	19.15
		3	3	22.19	22.15	22.05	19.29	19.25	19.15
		6	0	21.22	21.19	21.12	18.32	18.29	18.22
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				131987/ 1711.5	132322/ 1745	132657/ 1778.5	131987/ 1711.5	132322/ 1745	132657/ 1778.5
3MHz	QPSK	1	0	24.16	24.39	23.97	21.26	21.49	21.07
		1	7	24.47	24.25	24.45	21.57	21.35	21.55
		1	14	24.44	24.68	24.45	21.54	21.78	21.55
		8	0	23.05	23.39	23.14	20.15	20.49	20.24
		8	4	23.24	23.33	23.23	20.34	20.43	20.33
		8	7	23.17	23.40	23.16	20.27	20.50	20.26
		15	0	23.17	23.34	23.22	20.27	20.44	20.32
	16QAM	1	0	23.40	23.38	23.33	20.50	20.48	20.43
		1	7	23.64	23.65	23.64	20.74	20.75	20.74
		1	14	23.32	23.30	23.21	20.42	20.40	20.31
		8	0	22.34	22.27	22.20	19.44	19.37	19.30
		8	4	22.31	22.24	22.16	19.41	19.34	19.26
		8	7	22.18	22.16	22.07	19.28	19.26	19.17
		15	0	22.36	22.31	22.24	19.46	19.41	19.34
	64QAM	1	0	22.41	22.32	22.25	19.51	19.42	19.35
		1	7	22.28	22.21	22.18	19.38	19.31	19.28
		1	14	22.41	22.32	22.25	19.51	19.42	19.35
		8	0	21.14	21.10	21.05	18.24	18.20	18.15
		8	4	21.31	21.25	21.17	18.41	18.35	18.27
		8	7	21.29	21.27	21.18	18.39	18.37	18.28
		15	0	21.25	21.23	21.15	18.35	18.33	18.25

Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				131997/ 1712.5	132322/ 1745	132647/ 1777.5	131997/ 1712.5	132322/ 1745	132647/ 1777.5
5MHz	QPSK	1	0	24.13	24.37	23.93	21.23	21.47	21.03
		1	13	24.45	24.21	24.42	21.55	21.31	21.52
		1	24	24.41	24.63	24.41	21.51	21.73	21.51
		12	0	23.02	23.34	23.10	20.12	20.44	20.20
		12	6	23.22	23.29	23.18	20.32	20.39	20.28
		12	13	23.15	23.38	23.12	20.25	20.48	20.22
		25	0	23.17	23.33	23.20	20.27	20.43	20.30
	16QAM	1	0	23.40	23.34	23.30	20.50	20.44	20.40
		1	13	23.64	23.63	23.61	20.74	20.73	20.71
		1	24	23.29	23.28	23.17	20.39	20.38	20.27
		12	0	22.32	22.23	22.17	19.42	19.33	19.27
		12	6	22.28	22.19	22.12	19.38	19.29	19.22
		12	13	22.15	22.11	22.03	19.25	19.21	19.13
		25	0	22.34	22.27	22.19	19.44	19.37	19.29
	64QAM	1	0	22.38	22.32	22.22	19.48	19.42	19.32
		1	13	22.25	22.23	22.15	19.35	19.33	19.25
		1	24	22.42	22.30	22.21	19.52	19.40	19.31
		12	0	21.12	21.06	21.06	18.22	18.16	18.16
		12	6	21.28	21.20	21.13	18.38	18.30	18.23
		12	13	21.26	21.22	21.14	18.36	18.32	18.24
		25	0	21.23	21.19	21.10	18.33	18.29	18.20
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				132022/ 1715	132322/ 1745	132622/ 1775	132022/ 1715	132322/ 1745	132622/ 1775
10MHz	QPSK	1	0	24.15	24.38	23.96	21.25	21.48	21.06
		1	25	24.48	24.26	24.46	21.58	21.36	21.56
		1	49	24.43	24.67	24.44	21.53	21.77	21.54
		25	0	23.05	23.39	23.14	20.15	20.49	20.24
		25	13	23.25	23.34	23.22	20.35	20.44	20.32
		25	25	23.17	23.42	23.17	20.27	20.52	20.27
		50	0	23.21	23.35	23.24	20.31	20.45	20.34
	16QAM	1	0	23.44	23.37	23.32	20.54	20.47	20.42
		1	25	23.68	23.67	23.64	20.78	20.77	20.74
		1	49	23.32	23.30	23.20	20.42	20.40	20.30
		25	0	22.35	22.28	22.21	19.45	19.38	19.31
		25	13	22.30	22.23	22.15	19.40	19.33	19.25
		25	25	22.18	22.16	22.07	19.28	19.26	19.17
		50	0	22.37	22.32	22.23	19.47	19.42	19.33
	64QAM	1	0	22.40	22.31	22.24	19.50	19.41	19.34
		1	25	22.28	22.23	22.18	19.38	19.33	19.28

		1	49	22.41	22.32	22.24	19.51	19.42	19.34
		25	0	21.15	21.11	21.06	18.25	18.21	18.16
		25	13	21.30	21.24	21.16	18.40	18.34	18.26
		25	25	21.29	21.27	21.18	18.39	18.37	18.28
		50	0	21.26	21.24	21.14	18.36	18.34	18.24
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				132047/ 1717.5	132322/ 1745	132597/ 1772.5	132047/ 1717.5	132322/ 1745	132597/ 1772.5
15MHz	QPSK	1	0	24.14	24.34	23.94	21.24	21.44	21.04
		1	38	24.46	24.25	24.43	21.56	21.35	21.53
		1	74	24.40	24.62	24.40	21.50	21.72	21.50
		36	0	23.03	23.35	23.11	20.13	20.45	20.21
		36	18	23.22	23.29	23.18	20.32	20.39	20.28
		36	39	23.14	23.39	23.13	20.24	20.49	20.23
		75	0	23.19	23.31	23.19	20.29	20.41	20.29
	16QAM	1	0	23.42	23.35	23.30	20.52	20.45	20.40
		1	38	23.66	23.64	23.62	20.76	20.74	20.72
		1	74	23.30	23.26	23.17	20.40	20.36	20.27
		36	0	22.32	22.26	22.18	19.42	19.36	19.28
		36	18	22.27	22.18	22.11	19.37	19.28	19.21
		36	39	22.16	22.12	22.04	19.26	19.22	19.14
		75	0	22.34	22.27	22.19	19.44	19.37	19.29
	64QAM	1	0	22.35	22.29	22.22	19.45	19.39	19.32
		1	38	22.26	22.20	22.16	19.36	19.30	19.26
		1	74	22.42	22.31	22.25	19.52	19.41	19.35
		36	0	21.14	21.13	21.07	18.24	18.23	18.17
		36	18	21.28	21.21	21.15	18.38	18.31	18.25
		36	39	21.27	21.23	21.15	18.37	18.33	18.25
		75	0	21.23	21.19	21.10	18.33	18.29	18.20
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				132072/ 1720	132322/ 1745	132572/ 1770	132072/ 1720	132322/ 1745	132572/ 1770
20MHz	QPSK	1	0	24.11	24.30	23.91	21.21	21.40	21.01
		1	50	24.45	24.21	24.41	21.55	21.31	21.51
		1	99	24.38	24.61	24.37	21.48	21.71	21.47
		50	0	23.00	23.30	23.07	20.10	20.40	20.17
		50	25	23.20	23.25	23.15	20.30	20.35	20.25
		50	50	23.11	23.34	23.09	20.21	20.44	20.19
		100	0	23.16	23.26	23.15	20.26	20.36	20.25
	16QAM	1	0	23.39	23.31	23.25	20.49	20.41	20.35
		1	50	23.63	23.62	23.58	20.73	20.72	20.68
		1	99	23.27	23.23	23.15	20.37	20.33	20.25
		50	0	22.29	22.22	22.15	19.39	19.32	19.25

		50	25	22.24	22.16	22.08	19.34	19.26	19.18
		50	50	22.13	22.07	22.00	19.23	19.17	19.10
		100	0	22.32	22.23	22.16	19.42	19.33	19.26
	64QAM	1	0	22.33	22.25	22.17	19.43	19.35	19.27
		1	50	22.22	22.18	22.12	19.32	19.28	19.22
		1	99	22.36	22.25	22.19	19.46	19.35	19.29
		50	0	21.09	21.05	21.00	18.19	18.15	18.10
		50	25	21.24	21.17	21.09	18.34	18.27	18.19
		50	50	21.24	21.18	21.11	18.34	18.28	18.21
		100	0	21.21	21.15	21.07	18.31	18.25	18.17

CA_7C	PCC	SCC	PCC RB		SCC1 RB		Max mum output power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
	Frequency (MHz)	Frequency (MHz)	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10MHz+ 20MHz	2505.5	2519.9	1	49	1	0	24.02	23.35	23.28	23.92	23.25	23.18	22.42	21.75	21.68
			50	0	100	0	21.34	20.41	20.20	21.24	20.31	20.10	19.74	18.81	18.60
	2525.6	2540	1	49	1	0	24.05	23.30	22.81	23.95	23.20	22.71	22.45	21.70	21.21
			50	0	100	0	21.24	20.35	19.76	21.14	20.25	19.66	19.64	18.75	18.16
	2545.6	2560	1	49	1	0	24.32	23.38	22.92	24.22	23.28	22.82	22.72	21.78	21.32
			50	0	100	0	21.64	20.73	19.88	21.54	20.63	19.78	20.04	19.13	18.28
20MHz+ 10MHz	2510	2524.4	1	99	1	0	23.9	23.25	22.67	23.80	23.15	22.57	22.30	21.65	21.07
			100	0	50	0	21.37	20.73	20.10	21.27	20.63	20.00	19.77	19.13	18.50
	2530.1	2544.5	1	99	1	0	24.53	23.59	22.75	24.43	23.49	22.65	22.93	21.99	21.15
			100	0	50	0	21.70	20.73	20.05	21.60	20.63	19.95	20.10	19.13	18.45
	2550.1	2564.5	1	99	1	0	24.03	23.32	22.56	23.93	23.22	22.46	22.43	21.72	20.96
			100	0	50	0	21.82	20.81	20.03	21.72	20.71	19.93	20.22	19.21	18.43
15MHz+ 15MHz	2507.5	2522.5	1	74	1	0	23.70	23.11	22.75	23.60	23.01	22.65	22.10	21.51	21.15
			75	0	75	0	21.27	20.46	19.86	21.17	20.36	19.76	19.67	18.86	18.26
	2527.5	2542.5	1	74	1	0	24.18	23.50	22.78	24.08	23.40	22.68	22.58	21.90	21.18
			75	0	75	0	21.37	20.41	19.65	21.27	20.31	19.55	19.77	18.81	18.05
	2547.5	2562.5	1	74	1	0	24.13	23.44	22.76	24.03	23.34	22.66	22.53	21.84	21.16
			75	0	75	0	21.56	20.64	19.89	21.46	20.54	19.79	19.96	19.04	18.29
15MHz+ 20MHz	2507.8	2524.9	1	74	1	0	23.63	22.89	22.10	23.53	22.79	22.00	22.03	21.29	20.50
			75	0	100	0	21.35	21.36	19.65	21.25	21.26	19.55	19.75	19.76	18.05
	2525.3	2542.4	1	74	1	0	23.92	23.18	22.76	23.82	23.08	22.66	22.32	21.58	21.16
			75	0	100	0	21.35	20.37	19.55	21.25	20.27	19.45	19.75	18.77	17.95
	2542.9	2560	1	74	1	0	24.17	23.49	22.82	24.07	23.39	22.72	22.57	21.89	21.22
			75	0	100	0	21.67	20.72	19.91	21.57	20.62	19.81	20.07	19.12	18.31
20MHz+ 15MHz	2510	2527.1	1	99	1	0	23.82	23.13	22.61	23.72	23.03	22.51	22.22	21.53	21.01
			100	0	75	0	21.40	20.52	19.72	21.30	20.42	19.62	19.80	18.92	18.12
	2527.6	2544.7	1	99	1	0	24.40	23.56	22.79	24.30	23.46	22.69	22.80	21.96	21.19

			100	0	75	0	21.52	20.52	19.58	21.42	20.42	19.48	19.92	18.92	17.98
	2545.1	2562.2	1	99	1	0	24.34	23.58	22.93	24.24	23.48	22.83	22.74	21.98	21.33
			100	0	75	0	21.70	20.78	19.91	21.60	20.68	19.81	20.10	19.18	18.31
20MHz+ 20MHz	2510	2529.8	1	99	1	0	23.90	23.17	22.54	23.80	23.07	22.44	22.30	21.57	20.94
			1	0	1	99	14.83	15.02	14.93	14.73	14.92	14.83	13.23	13.42	13.33
			100	0	100	0	21.37	20.48	19.62	21.27	20.38	19.52	19.77	18.88	18.02
	2525.1	2544.9	1	99	1	0	24.36	23.59	22.94	24.26	23.49	22.84	22.76	21.99	21.34
			1	0	1	99	14.94	15.36	15.16	14.84	15.26	15.06	13.34	13.76	13.56
			100	0	100	0	21.44	20.45	19.55	21.34	20.35	19.45	19.84	18.85	17.95
	2540.2	2560	1	99	1	0	24.17	23.46	22.88	24.07	23.36	22.78	22.57	21.86	21.28
			1	0	1	99	15.00	15.33	15.37	14.90	15.23	15.27	13.40	13.73	13.77
			100	0	100	0	21.66	20.81	19.97	21.56	20.71	19.87	20.06	19.21	18.37

CA_41C	PCC	SCC	PCC RB		SCC1 RB		Max mum output power (dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
	Frequency (MHz)	Frequency (MHz)	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz+ 20MHz	2499.3	2511	1	24	1	0	23.97	23.19	22.64	23.87	23.09	22.54	22.37	21.59	21.04
			25	0	100	0	21.27	20.29	19.41	21.17	20.19	19.31	19.67	18.69	17.81
	2583.8	2595.5	1	24	1	0	24.01	23.30	22.78	23.91	23.20	22.68	22.41	21.70	21.18
			25	0	100	0	21.39	20.46	19.65	21.29	20.36	19.55	19.79	18.86	18.05
	2668.3	2680	1	24	1	0	23.82	23.11	22.37	23.72	23.01	22.27	22.22	21.51	20.77
			25	0	100	0	21.17	20.20	19.48	21.07	20.10	19.38	19.57	18.60	17.88
20MHz+ 5MHz	2506	2517.7	1	99	1	0	24.24	23.38	22.48	24.14	23.28	22.38	22.64	21.78	20.88
			1	0	1	24	14.65	14.86	14.72	14.55	14.76	14.62	13.05	13.26	13.12
			100	0	25	0	21.91	21.21	20.55	21.81	21.11	20.45	20.31	19.61	18.95
	2590.5	2602.2	1	99	1	0	24.20	23.37	22.63	24.10	23.27	22.53	22.60	21.77	21.03
			1	0	1	24	14.89	15.04	14.95	14.79	14.94	14.85	13.29	13.44	13.35
			100	0	25	0	21.78	20.78	19.89	21.68	20.68	19.79	20.18	19.18	18.29
	2675	2686.7	1	99	1	0	24.22	23.51	22.85	24.12	23.41	22.75	22.62	21.91	21.25
			1	0	1	24	14.50	14.72	14.80	14.40	14.62	14.70	12.90	13.12	13.20
			100	0	25	0	21.83	20.84	20.10	21.73	20.74	20.00	20.23	19.24	18.50
10MHz+ 20MHz	2501.5	2515.9	1	49	1	0	24.07	23.23	22.54	23.97	23.13	22.44	22.47	21.63	20.94
			50	0	100	0	21.33	20.35	19.43	21.23	20.25	19.33	19.73	18.75	17.83
	2583.6	2598	1	49	1	0	23.99	23.11	22.24	23.89	23.01	22.14	22.39	21.51	20.64
			50	0	100	0	21.34	20.36	19.60	21.24	20.26	19.50	19.74	18.76	18.00
	2665.6	2680	1	49	1	0	23.91	23.14	22.38	23.81	23.04	22.28	22.31	21.54	20.78
			50	0	100	0	21.18	20.21	19.55	21.08	20.11	19.45	19.58	18.61	17.95
20MHz+ 10MHz	2506	2520.4	1	99	1	0	24.16	23.44	23.93	24.06	23.34	23.83	22.56	21.84	22.33
			100	0	50	0	21.46	20.52	19.64	21.36	20.42	19.54	19.86	18.92	18.04
	2588.1	2602.5	1	99	1	0	24.01	23.16	22.41	23.91	23.06	22.31	22.41	21.56	20.81
			100	0	50	0	21.40	20.54	19.60	21.30	20.44	19.50	19.80	18.94	18.00

	2670.1	2684.5	1	99	1	0	24.15	23.41	22.85	24.05	23.31	22.75	22.55	21.81	21.25
			100	0	50	0	21.30	20.43	19.66	21.20	20.33	19.56	19.70	18.83	18.06
15MHz+ 15MHz	2503.5	2518.5	1	74	1	0	23.96	23.22	22.56	23.86	23.12	22.46	22.36	21.62	20.96
			75	0	75	0	21.34	20.39	19.47	21.24	20.29	19.37	19.74	18.79	17.87
	2585.5	2600.5	1	74	1	0	23.82	23.04	22.62	23.72	22.94	22.52	22.22	21.44	21.02
			75	0	75	0	21.24	20.50	19.85	21.14	20.40	19.75	19.64	18.90	18.25
	2667.5	2682.5	1	74	1	0	23.85	23.10	22.67	23.75	23.00	22.57	22.25	21.50	21.07
			75	0	75	0	21.16	20.30	19.71	21.06	20.20	19.61	19.56	18.70	18.11
15MHz+ 20MHz	2503.8	2520.9	1	74	1	0	24.03	23.25	22.80	23.93	23.15	22.70	22.43	21.65	21.20
			75	0	100	0	21.33	20.42	19.87	21.23	20.32	19.77	19.73	18.82	18.27
	2583.3	2600.4	1	74	1	0	23.90	23.10	22.36	23.80	23.00	22.26	22.30	21.50	20.76
			75	0	100	0	21.36	20.37	19.45	21.26	20.27	19.35	19.76	18.77	17.85
	2662.9	2680	1	74	1	0	23.89	23.09	22.43	23.79	22.99	22.33	22.29	21.49	20.83
			75	0	100	0	21.17	20.27	19.58	21.07	20.17	19.48	19.57	18.67	17.98
20MHz+ 15MHz	2506	2523.1	1	99	1	0	24.16	23.35	22.80	24.06	23.25	22.70	22.56	21.75	21.20
			100	0	75	0	21.40	20.45	19.86	21.30	20.35	19.76	19.80	18.85	18.26
	2585.6	2602.7	1	99	1	0	24.00	23.25	22.59	23.90	23.15	22.49	22.40	21.65	20.99
			100	0	75	0	21.28	20.49	19.61	21.18	20.39	19.51	19.68	18.89	18.01
	2665.1	2682.2	1	99	1	0	24.04	23.35	22.87	23.94	23.25	22.77	22.44	21.75	21.27
			100	0	75	0	21.25	20.34	19.50	21.15	20.24	19.40	19.65	18.74	17.90
20MHz+ 20MHz	2506	2525.8	1	99	1	0	24.17	23.37	22.83	24.07	23.27	22.73	22.57	21.77	21.23
			1	0	1	99	14.80	15.02	15.10	14.70	14.92	15.00	13.20	13.42	13.50
			100	0	100	0	21.34	20.44	19.67	21.24	20.34	19.57	19.74	18.84	18.07
	2583.1	2602.9	1	99	1	0	23.95	23.18	22.59	23.85	23.08	22.49	22.35	21.58	20.99
			1	0	1	99	14.88	15.15	15.05	14.78	15.05	14.95	13.28	13.55	13.45
			100	0	100	0	21.42	20.44	19.51	21.32	20.34	19.41	19.82	18.84	17.91
	2660.2	2680	1	99	1	0	23.92	23.25	22.40	23.82	23.15	22.30	22.32	21.65	20.80
			1	0	1	99	14.55	14.88	14.95	14.45	14.78	14.85	12.95	13.28	13.35
			100	0	100	0	21.18	20.24	19.68	21.08	20.14	19.58	19.58	18.64	18.08

NR n7													
Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)			
				500500	507000	513500	500500	507000	513500	500500	507000	513500	
				2502.5	2535	2567.5	2502.5	2535	2567.5	2502.5	2535	2567.5	
5	BPSK	1	0	23.09	23.15	23.17	22.99	23.05	23.07	21.49	21.55	21.57	
		1	1	23.66	23.75	23.71	23.56	23.65	23.61	22.06	22.15	22.11	
		1	24	23.15	23.69	23.63	23.05	23.59	23.53	21.55	22.09	22.03	
		1	25	23.63	23.1	23.09	23.53	23.00	22.99	22.03	21.50	21.49	
		12	6	23.68	23.71	23.66	23.58	23.61	23.56	22.08	22.11	22.06	
		25	0	23.21	23.16	23.20	23.11	23.06	23.10	21.61	21.56	21.60	

	QPSK	1	0	22.55	22.72	22.30	22.45	22.62	22.20	20.95	21.12	20.70
		1	1	23.70	23.73	23.49	23.60	23.63	23.39	22.10	22.13	21.89
		1	24	23.65	22.68	23.50	23.55	22.58	23.40	22.05	21.08	21.90
		1	25	22.48	22.58	22.43	22.38	22.48	22.33	20.88	20.98	20.83
		12	6	23.62	23.69	23.50	23.52	23.59	23.40	22.02	22.09	21.90
		25	0	22.63	22.67	22.51	22.53	22.57	22.41	21.03	21.07	20.91
	16QAM	1	0	21.72	21.64	21.25	21.62	21.54	21.15	20.12	20.04	19.65
		1	1	22.72	22.66	22.61	22.62	22.56	22.51	21.12	21.06	21.01
		1	24	22.82	22.60	22.71	22.72	22.50	22.61	21.22	21.00	21.11
		1	25	21.81	21.40	21.61	21.71	21.30	21.51	20.21	19.80	20.01
		12	6	22.62	21.30	22.33	22.52	21.20	22.23	21.02	19.70	20.73
		25	0	21.64	21.39	21.40	21.54	21.29	21.30	20.04	19.79	19.80
	64QAM	1	0	21.40	21.19	20.71	21.30	21.09	20.61	19.80	19.59	19.11
		1	1	22.74	22.31	20.73	22.64	22.21	20.63	21.14	20.71	19.13
		1	24	22.70	22.27	20.79	22.60	22.17	20.69	21.10	20.67	19.19
		1	25	21.62	21.16	20.75	21.52	21.06	20.65	20.02	19.56	19.15
		12	6	22.70	22.74	20.97	22.60	22.64	20.87	21.10	21.14	19.37
		25	0	21.60	21.56	20.94	21.50	21.46	20.84	20.00	19.96	19.34
	256QAM	1	0	21.12	20.90	18.75	21.02	20.80	18.65	19.52	19.30	17.15
		1	1	21.18	21.19	18.59	21.08	21.09	18.49	19.58	19.59	16.99
		1	24	21.19	21.02	19.02	21.09	20.92	18.92	19.59	19.42	17.42
		1	25	21.04	21.14	18.88	20.94	21.04	18.78	19.44	19.54	17.28
		12	6	21.08	21.11	18.85	20.98	21.01	18.75	19.48	19.51	17.25
		25	0	21.14	21.12	18.89	21.04	21.02	18.79	19.54	19.52	17.29
Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				501000	507000	513000	501000	507000	513000	501000	507000	513000
				2505	2535	2565	2505	2535	2565	2505	2535	2565
10	BPSK	1	0	22.35	23.25	23.04	22.25	23.15	22.94	20.75	21.65	21.44
		1	1	23.48	23.85	23.63	23.38	23.75	23.53	21.88	22.25	22.03
		1	50	23.62	23.71	23.62	23.52	23.61	23.52	22.02	22.11	22.02
		25	12	23.68	23.54	23.54	23.58	23.44	23.44	22.08	21.94	21.94
		50	0	23.18	23.11	23.07	23.08	23.01	22.97	21.58	21.51	21.47
	QPSK	1	0	22.6	22.5	22.60	22.50	22.40	22.50	21.00	20.90	21.00
		1	1	23.72	23.65	23.69	23.62	23.55	23.59	22.12	22.05	22.09
		1	50	23.59	23.53	23.72	23.49	23.43	23.62	21.99	21.93	22.12
		25	12	23.65	23.61	23.56	23.55	23.51	23.46	22.05	22.01	21.96
		50	0	22.63	22.59	22.55	22.53	22.49	22.45	21.03	20.99	20.95
	16QAM	1	0	21.81	21.76	21.66	21.71	21.66	21.56	20.21	20.16	20.06
		1	1	22.85	22.75	22.76	22.75	22.65	22.66	21.25	21.15	21.16
		1	50	22.78	22.76	22.68	22.68	22.66	22.58	21.18	21.16	21.08
		25	12	22.66	22.57	22.45	22.56	22.47	22.35	21.06	20.97	20.85
		50	0	21.66	21.56	21.53	21.56	21.46	21.43	20.06	19.96	19.93
	64QAM	1	0	21.73	21.49	21.9	21.63	21.39	21.80	20.13	19.89	20.30

		1	1	22.68	22.59	23.01	22.58	22.49	22.91	21.08	20.99	21.41
		1	50	22.66	22.55	22.90	22.56	22.45	22.80	21.06	20.95	21.30
		25	12	22.59	22.4	22.45	22.49	22.30	22.35	20.99	20.80	20.85
		50	0	21.66	21.53	21.49	21.56	21.43	21.39	20.06	19.93	19.89
	256QAM	1	0	20.88	20.74	20.74	20.78	20.64	20.64	19.28	19.14	19.14
		1	1	20.98	20.79	20.78	20.88	20.69	20.68	19.38	19.19	19.18
		1	50	20.88	20.77	20.75	20.78	20.67	20.65	19.28	19.17	19.15
		25	12	21.08	20.99	21.08	20.98	20.89	20.98	19.48	19.39	19.48
		50	0	21.22	21.02	21	21.12	20.92	20.90	19.62	19.42	19.40
Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				501500	507000	512500	501500	507000	512500	501500	507000	512500
				2507.5	2535	2562.5	2507.5	2535	2562.5	2507.5	2535	2562.5
15	BPSK	1	0	22.72	22.54	22.58	22.62	22.44	22.48	21.12	20.94	20.98
		1	1	23.93	23.79	23.73	23.83	23.69	23.63	22.33	22.19	22.13
		1	77	23.82	23.73	23.58	23.72	23.63	23.48	22.22	22.13	21.98
		1	78	22.59	22.61	22.42	22.49	22.51	22.32	20.99	21.01	20.82
		36	18	23.87	23.82	23.69	23.77	23.72	23.59	22.27	22.22	22.09
		75	0	22.84	22.7	22.71	22.74	22.60	22.61	21.24	21.10	21.11
	QPSK	1	0	22.7	22.61	22.61	22.60	22.51	22.51	21.10	21.01	21.01
		1	1	23.88	23.79	23.71	23.78	23.69	23.61	22.28	22.19	22.11
		1	77	23.8	23.62	23.65	23.70	23.52	23.55	22.20	22.02	22.05
		1	78	22.74	23.73	22.55	22.64	23.63	22.45	21.14	22.13	20.95
		36	18	23.91	22.69	23.82	23.81	22.59	23.72	22.31	21.09	22.22
		75	0	22.94	21.43	22.7	22.84	21.33	22.60	21.34	19.83	21.10
	16QAM	1	0	21.6	22.5	21.72	21.50	22.40	21.62	20.00	20.90	20.12
		1	1	22.63	22.56	22.88	22.53	22.46	22.78	21.03	20.96	21.28
		1	77	22.66	21.34	22.39	22.56	21.24	22.29	21.06	19.74	20.79
		1	78	21.61	22.68	21.28	21.51	22.58	21.18	20.01	21.08	19.68
		36	18	22.88	21.75	22.7	22.78	21.65	22.60	21.28	20.15	21.10
		75	0	21.88	20.92	21.71	21.78	20.82	21.61	20.28	19.32	20.11
	64QAM	1	0	21.09	20.96	20.94	20.99	20.86	20.84	19.49	19.36	19.34
		1	1	21.05	20.79	20.97	20.95	20.69	20.87	19.45	19.19	19.37
		1	77	21.08	21.16	20.86	20.98	21.06	20.76	19.48	19.56	19.26
		1	78	21.01	21.26	20.79	20.91	21.16	20.69	19.41	19.66	19.19
		36	18	21.30	18.99	21.2	21.20	18.89	21.10	19.70	17.39	19.60
		75	0	21.40	19.03	21.28	21.30	18.93	21.18	19.80	17.43	19.68
	256QAM	1	0	19.24	18.93	19.05	19.14	18.83	18.95	17.64	17.33	17.45
		1	1	19.21	19.02	19.21	19.11	18.92	19.11	17.61	17.42	17.61
		1	77	19.06	18.93	19.01	18.96	18.83	18.91	17.46	17.33	17.41
		1	78	19.08	18.86	18.94	18.98	18.76	18.84	17.48	17.26	17.34
		36	18	19.39	19.19	19.13	19.29	19.09	19.03	17.79	17.59	17.53
		75	0	19.36	19.12	19.26	19.26	19.02	19.16	17.76	17.52	17.66

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				502000	507000	512000	502000	507000	512000	502000	507000	512000
				2510	2535	2560	2510	2535	2560	2510	2535	2560
20	BPSK	1	0	22.69	22.72	22.65	22.59	22.62	22.55	21.09	21.12	21.05
		1	1	23.9	23.8	23.7	23.80	23.70	23.60	22.30	22.20	22.10
		1	104	23.98	23.7	23.84	23.88	23.60	23.74	22.38	22.10	22.24
		1	105	22.93	22.64	22.76	22.83	22.54	22.66	21.33	21.04	21.16
		50	25	23.99	23.75	23.72	23.89	23.65	23.62	22.39	22.15	22.12
		100	0	22.93	22.74	22.65	22.83	22.64	22.55	21.33	21.14	21.05
	QPSK	1	0	22.76	22.72	22.61	22.66	22.62	22.51	21.16	21.12	21.01
		1	1	23.91	23.81	23.67	23.81	23.71	23.57	22.31	22.21	22.07
		1	104	23.97	23.65	23.73	23.87	23.55	23.63	22.37	22.05	22.13
		1	105	22.82	22.61	22.63	22.72	22.51	22.53	21.22	21.01	21.03
		50	25	23.99	23.79	23.74	23.89	23.69	23.64	22.39	22.19	22.14
		100	0	22.89	22.77	22.7	22.79	22.67	22.60	21.29	21.17	21.10
	16QAM	1	0	21.88	21.62	21.58	21.78	21.52	21.48	20.28	20.02	19.98
		1	1	22.99	22.71	22.53	22.89	22.61	22.43	21.39	21.11	20.93
		1	104	22.99	22.55	22.66	22.89	22.45	22.56	21.39	20.95	21.06
		1	105	21.92	21.38	21.57	21.82	21.28	21.47	20.32	19.78	19.97
		50	25	22.85	22.68	22.7	22.75	22.58	22.60	21.25	21.08	21.10
		100	0	21.94	21.71	21.63	21.84	21.61	21.53	20.34	20.11	20.03
	64QAM	1	0	21.20	20.98	21.7	21.10	20.88	21.60	19.60	19.38	20.10
		1	1	21.13	21.01	22.62	21.03	20.91	22.52	19.53	19.41	21.02
		1	104	21.21	20.58	22.67	21.11	20.48	22.57	19.61	18.98	21.07
		1	105	20.74	20.83	21.7	20.64	20.73	21.60	19.14	19.23	20.10
		50	25	21.45	21.3	22.59	21.35	21.20	22.49	19.85	19.70	20.99
		100	0	21.40	21.28	21.71	21.30	21.18	21.61	19.80	19.68	20.11
	256QAM	1	0	19.18	19.02	20.91	19.08	18.92	20.81	17.58	17.42	19.31
		1	1	19.36	19.05	20.95	19.26	18.95	20.85	17.76	17.45	19.35
		1	104	19.31	18.89	21	19.21	18.79	20.90	17.71	17.29	19.40
		1	105	19.19	18.85	20.95	19.09	18.75	20.85	17.59	17.25	19.35
		50	25	19.34	19.2	21.27	19.24	19.10	21.17	17.74	17.60	19.67
		100	0	19.33	19.23	21.14	19.23	19.13	21.04	17.73	17.63	19.54

NR n38												
Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 5 EIRP (dBm)			Antenna 6 EIRP (dBm)		
				516000	519000	522000	516000	519000	522000	516000	519000	522000
				2580	2595	2610	2580	2595	2610	2580	2595	2610
20	BPSK	1	0	21.55	21.53	21.75	20.85	20.83	21.05	17.95	17.93	18.15
		1	1	21.47	21.55	21.76	20.77	20.85	21.06	17.87	17.95	18.16
		1	49	21.65	21.67	21.85	20.95	20.97	21.15	18.05	18.07	18.25

		1	50	21.75	21.69	21.75	21.05	20.99	21.05	18.15	18.09	18.15
		25	25	21.78	21.77	21.73	21.08	21.07	21.03	18.18	18.17	18.13
		50	0	21.65	21.9	21.74	20.95	21.20	21.04	18.05	18.30	18.14
	QPSK	1	0	21.80	21.86	21.68	21.10	21.16	20.98	18.20	18.26	18.08
		1	1	21.63	21.84	21.51	20.93	21.14	20.81	18.03	18.24	17.91
		1	49	21.70	21.79	21.6	21.00	21.09	20.90	18.10	18.19	18.00
		1	50	21.78	21.79	21.7	21.08	21.09	21.00	18.18	18.19	18.10
		25	25	21.77	21.82	21.69	21.07	21.12	20.99	18.17	18.22	18.09
		50	0	21.78	21.69	21.7	21.08	20.99	21.00	18.18	18.09	18.10
	16QAM	1	0	21.55	21.75	21.67	20.85	21.05	20.97	17.95	18.15	18.07
		1	1	21.56	21.83	21.65	20.86	21.13	20.95	17.96	18.23	18.05
		1	49	21.62	21.75	21.61	20.92	21.05	20.91	18.02	18.15	18.01
		1	50	21.53	21.76	21.7	20.83	21.06	21.00	17.93	18.16	18.10
		25	25	21.70	21.73	21.73	21.00	21.03	21.03	18.10	18.13	18.13
		50	0	21.66	21.74	21.71	20.96	21.04	21.01	18.06	18.14	18.11
	64QAM	1	0	20.97	21.41	21.39	20.27	20.71	20.69	17.37	17.81	17.79
		1	1	21.07	21.42	21.14	20.37	20.72	20.44	17.47	17.82	17.54
		1	49	21.08	21.5	21.34	20.38	20.80	20.64	17.48	17.90	17.74
		1	50	20.96	21.37	21.43	20.26	20.67	20.73	17.36	17.77	17.83
		25	25	20.59	21.75	21.81	19.89	21.05	21.11	16.99	18.15	18.21
		50	0	20.61	21.7	21.7	19.91	21.00	21.00	17.01	18.10	18.10
	256QAM	1	0	20.97	21.15	21.35	20.27	20.45	20.65	17.37	17.55	17.75
		1	1	21.08	21.16	21.36	20.38	20.46	20.66	17.48	17.56	17.76
		1	49	21.10	21.35	21.43	20.40	20.65	20.73	17.50	17.75	17.83
		1	50	20.87	21.34	21.42	20.17	20.64	20.72	17.27	17.74	17.82
		25	25	20.59	21.81	21.8	19.89	21.11	21.10	16.99	18.21	18.20
		50	0	20.62	21.8	21.69	19.92	21.10	20.99	17.02	18.20	18.09
Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				518000	519000	520000	518000	519000	520000	518000	519000	520000
				2590	2595	2600	2590	2595	2600	2590	2595	2600
40	BPSK	1	0	21.67	21.97	21.72	20.97	21.27	21.02	18.07	18.37	18.12
		1	1	21.72	21.67	21.8	21.02	20.97	21.10	18.12	18.07	18.20
		1	104	21.9	21.99	21.92	21.20	21.29	21.22	18.30	18.39	18.32
		1	105	21.84	21.96	21.94	21.14	21.26	21.24	18.24	18.36	18.34
		50	50	21.93	21.84	21.88	21.23	21.14	21.18	18.33	18.24	18.28
		100	0	21.79	21.84	21.85	21.09	21.14	21.15	18.19	18.24	18.25
	QPSK	1	0	21.70	21.6	21.81	21.00	20.90	21.11	18.10	18.00	18.21
		1	1	21.65	21.62	21.78	20.95	20.92	21.08	18.05	18.02	18.18
		1	104	21.88	21.86	21.82	21.18	21.16	21.12	18.28	18.26	18.22
		1	105	21.91	21.92	22.01	21.21	21.22	21.31	18.31	18.32	18.41
		50	50	21.85	21.84	21.91	21.15	21.14	21.21	18.25	18.24	18.31
		100	0	21.73	21.84	21.8	21.03	21.14	21.10	18.13	18.24	18.20
	16QAM	1	0	21.74	21.83	21.82	21.04	21.13	21.12	18.14	18.23	18.22

		1	1	21.72	21.66	21.9	21.02	20.96	21.20	18.12	18.06	18.30
		1	104	21.96	21.91	22.01	21.26	21.21	21.31	18.36	18.31	18.41
		1	105	21.86	21.94	21.96	21.16	21.24	21.26	18.26	18.34	18.36
		50	50	21.76	21.83	21.84	21.06	21.13	21.14	18.16	18.23	18.24
		100	0	21.8	21.77	21.84	21.10	21.07	21.14	18.20	18.17	18.24
	64QAM	1	0	21.62	20.93	21.54	20.92	20.23	20.84	18.02	17.33	17.94
		1	1	21.51	20.94	21.56	20.81	20.24	20.86	17.91	17.34	17.96
		1	104	21.67	21.19	21.72	20.97	20.49	21.02	18.07	17.59	18.12
		1	105	21.57	21.24	21.64	20.87	20.54	20.94	17.97	17.64	18.04
		50	50	21.92	20.68	21.67	21.22	19.98	20.97	18.32	17.08	18.07
		100	0	21.82	20.73	21.87	21.12	20.03	21.17	18.22	17.13	18.27
	256QAM	1	0	21.49	20.94	21.53	20.79	20.24	20.83	17.89	17.34	17.93
		1	1	21.51	20.93	21.54	20.81	20.23	20.84	17.91	17.33	17.94
		1	104	21.66	21.18	21.72	20.96	20.48	21.02	18.06	17.58	18.12
		1	105	21.54	21.2	21.63	20.84	20.50	20.93	17.94	17.60	18.03
		50	50	21.87	21.69	21.87	21.17	20.99	21.17	18.27	18.09	18.27
		100	0	20.77	20.73	21.66	20.07	20.03	20.96	17.17	17.13	18.06

NR n41													
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 2 EIRP (dBm)			Antenna 5 EIRP (dBm)		
					501204	518598	535998	501204	518598	535998	501204	518598	535998
					2506	2593	2680	2506	2593	2680	2506	2593	2680
20	PI/2 BPSK	30	1	0	22.74	21.75	22.09	22.64	21.65	21.99	22.04	21.05	21.39
			1	1	23.05	22.25	22.48	22.95	22.15	22.38	22.35	21.55	21.78
			25	12	23.36	22.38	22.71	23.26	22.28	22.61	22.66	21.68	22.01
			50	0	23.21	22.4	22.65	23.11	22.30	22.55	22.51	21.70	21.95
	QPSK		1	0	22.77	21.74	21.96	22.67	21.64	21.86	22.07	21.04	21.26
			1	1	23.15	22.13	22.51	23.05	22.03	22.41	22.45	21.43	21.81
			25	12	23.13	22.35	22.66	23.03	22.25	22.56	22.43	21.65	21.96
			50	0	23.16	22.29	22.7	23.06	22.19	22.60	22.46	21.59	22.00
	16QAM		1	0	22.64	21.67	21.97	22.54	21.57	21.87	21.94	20.97	21.27
			1	1	23.23	22.15	22.45	23.13	22.05	22.35	22.53	21.45	21.75
			25	12	23.21	22.37	22.63	23.11	22.27	22.53	22.51	21.67	21.93
			50	0	23.18	22.36	22.65	23.08	22.26	22.55	22.48	21.66	21.95
	64QAM		1	0	22.34	21.38	21.63	22.24	21.28	21.53	21.64	20.68	20.93
			1	1	22.81	21.89	22.17	22.71	21.79	22.07	22.11	21.19	21.47
			25	12	23.02	22.38	22.66	22.92	22.28	22.56	22.32	21.68	21.96
			50	0	23.13	22.4	22.7	23.03	22.30	22.60	22.43	21.70	22.00
	256QAM		1	0	21.4	20.53	20.84	21.30	20.43	20.74	20.70	19.83	20.14
			1	1	21.56	20.51	20.82	21.46	20.41	20.72	20.86	19.81	20.12
			25	12	21.32	20.71	21.1	21.22	20.61	21.00	20.62	20.01	20.40

			50	0	21.72	20.82	21.2	21.62	20.72	21.10	21.02	20.12	20.50
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)		
					503202	518598	534000	503202	518598	534000	503202	518598	534000
					2516	2593	2670	2516	2593	2670	2516	2593	2670
40	PI/2 BPSK	30	1	0	22.78	22	21.97	22.68	21.90	21.87	22.08	21.30	21.27
			1	1	23.29	22.37	22.57	23.19	22.27	22.47	22.59	21.67	21.87
			54	27	23.21	22.42	22.56	23.11	22.32	22.46	22.51	21.72	21.86
			100	0	23.25	22.41	22.51	23.15	22.31	22.41	22.55	21.71	21.81
	QPSK		1	0	22.74	21.89	22.14	22.64	21.79	22.04	22.04	21.19	21.44
			1	1	23.34	22.47	22.56	23.24	22.37	22.46	22.64	21.77	21.86
			54	27	23.35	22.4	22.56	23.25	22.30	22.46	22.65	21.70	21.86
			100	0	23.34	22.42	22.59	23.24	22.32	22.49	22.64	21.72	21.89
	16QAM		1	0	22.89	21.92	22.1	22.79	21.82	22.00	22.19	21.22	21.40
			1	1	23.3	22.4	22.61	23.20	22.30	22.51	22.60	21.70	21.91
			54	27	23.31	22.45	22.52	23.21	22.35	22.42	22.61	21.75	21.82
			100	0	23.28	22.42	22.66	23.18	22.32	22.56	22.58	21.72	21.96
	64QAM		1	0	22.39	21.41	21.65	22.29	21.31	21.55	21.69	20.71	20.95
			1	1	22.85	21.92	22.19	22.75	21.82	22.09	22.15	21.22	21.49
			54	27	23.29	22.37	22.57	23.19	22.27	22.47	22.59	21.67	21.87
			100	0	23.35	22.45	22.61	23.25	22.35	22.51	22.65	21.75	21.91
	256QAM		1	0	21.72	20.75	20.93	21.62	20.65	20.83	21.02	20.05	20.23
			1	1	21.75	20.77	20.94	21.65	20.67	20.84	21.05	20.07	20.24
			54	27	21.73	20.93	21.12	21.63	20.83	21.02	21.03	20.23	20.42
			100	0	21.73	20.91	21.1	21.63	20.81	21.00	21.03	20.21	20.40
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)		
					505200	518598	531996	505200	518598	531996	505200	518598	531996
					2526	2593	2660	2526	2593	2660	2526	2593	2660
60	PI/2 BPSK	30	1	0	22.53	21.65	21.75	22.43	21.55	21.65	21.83	20.95	21.05
			1	1	23.03	22.2	22.26	22.93	22.10	22.16	22.33	21.50	21.56
			81	40	23.14	22.19	22.52	23.04	22.09	22.42	22.44	21.49	21.82
			162	0	23.25	22.26	22.53	23.15	22.16	22.43	22.55	21.56	21.83
	QPSK		1	0	22.53	21.67	21.83	22.43	21.57	21.73	21.83	20.97	21.13
			1	1	23.15	22.22	22.44	23.05	22.12	22.34	22.45	21.52	21.74
			81	40	23.25	22.21	22.55	23.15	22.11	22.45	22.55	21.51	21.85
			162	0	23.22	22.3	22.58	23.12	22.20	22.48	22.52	21.60	21.88
	16QAM		1	0	22.45	21.66	21.86	22.35	21.56	21.76	21.75	20.96	21.16
			1	1	23.05	22.13	22.35	22.95	22.03	22.25	22.35	21.43	21.65
			81	40	23.21	22.3	22.49	23.11	22.20	22.39	22.51	21.60	21.79
			162	0	23.18	22.24	22.59	23.08	22.14	22.49	22.48	21.54	21.89
	64QAM		1	0	22.11	21.35	21.35	22.01	21.25	21.25	21.41	20.65	20.65
			1	1	22.73	21.94	21.86	22.63	21.84	21.76	22.03	21.24	21.16

			81	40	23.21	22.32	22.51	23.11	22.22	22.41	22.51	21.62	21.81
			162	0	23.26	22.23	22.6	23.16	22.13	22.50	22.56	21.53	21.90
			1	0	21.33	20.45	20.57	21.23	20.35	20.47	20.63	19.75	19.87
	256QAM		1	1	21.41	20.51	20.64	21.31	20.41	20.54	20.71	19.81	19.94
			81	40	21.68	20.77	20.99	21.58	20.67	20.89	20.98	20.07	20.29
			162	0	21.71	20.71	21.02	21.61	20.61	20.92	21.01	20.01	20.32
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)		
					507204	518598	529998	507204	518598	529998	507204	518598	529998
					2536	2593	2650	2536	2593	2650	2536	2593	2650
			1	0	22.44	21.42	21.59	22.34	21.32	21.49	21.74	20.72	20.89
	PI/2 BPSK		1	1	22.93	22.04	22.01	22.83	21.94	21.91	22.23	21.34	21.31
			108	64	23.08	22.12	22.32	22.98	22.02	22.22	22.38	21.42	21.62
			216	0	23.25	22.19	22.28	23.15	22.09	22.18	22.55	21.49	21.58
			1	0	22.24	21.64	21.55	22.14	21.54	21.45	21.54	20.94	20.85
	QPSK		1	1	22.82	22.17	22.01	22.72	22.07	21.91	22.12	21.47	21.31
			108	64	23.02	22.21	22.26	22.92	22.11	22.16	22.32	21.51	21.56
			216	0	23.16	22.12	22.23	23.06	22.02	22.13	22.46	21.42	21.53
			1	0	22.47	21.67	21.48	22.37	21.57	21.38	21.77	20.97	20.78
80	16QAM	30	1	1	22.9	21.99	22.14	22.80	21.89	22.04	22.20	21.29	21.44
			108	64	23.01	22.35	22.28	22.91	22.25	22.18	22.31	21.65	21.58
			216	0	23.06	22.28	22.27	22.96	22.18	22.17	22.36	21.58	21.57
			1	0	22.09	21.15	21.28	21.99	21.05	21.18	21.39	20.45	20.58
	64QAM		1	1	22.58	21.65	21.86	22.48	21.55	21.76	21.88	20.95	21.16
			108	64	23.1	22.26	22.45	23.00	22.16	22.35	22.40	21.56	21.75
			216	0	23.12	22.41	22.4	23.02	22.31	22.30	22.42	21.71	21.70
			1	0	21.43	20.35	20.31	21.33	20.25	20.21	20.73	19.65	19.61
	256QAM		1	1	21.43	20.65	20.37	21.33	20.55	20.27	20.73	19.95	19.67
			108	64	21.58	20.68	20.97	21.48	20.58	20.87	20.88	19.98	20.27
			216	0	21.67	20.62	20.72	21.57	20.52	20.62	20.97	19.92	20.02
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)		
					509202	518598	528000	509202	518598	528000	509202	518598	528000
					2546	2593	2640	2546	2593	2640	2546	2593	2640
			1	0	22.63	21.48	21.51	22.53	21.38	21.41	21.93	20.78	20.81
	PI/2 BPSK		1	1	23.11	22.05	22.21	23.01	21.95	22.11	22.41	21.35	21.51
			135	67	23.08	22.34	22.34	22.98	22.24	22.24	22.38	21.64	21.64
			270	0	23.09	22.16	22.22	22.99	22.06	22.12	22.39	21.46	21.52
100			1	0	22.4	21.45	21.65	22.30	21.35	21.55	21.70	20.75	20.95
	QPSK	30	1	1	22.92	22.02	22.27	22.82	21.92	22.17	22.22	21.32	21.57
			135	67	23.15	22.18	22.29	23.05	22.08	22.19	22.45	21.48	21.59
			270	0	23.08	22.25	22.28	22.98	22.15	22.18	22.38	21.55	21.58
	16QAM		1	0	22.36	21.5	21.53	22.26	21.40	21.43	21.66	20.80	20.83

			1	1	22.87	21.99	22.21	22.77	21.89	22.11	22.17	21.29	21.51
			135	67	23.12	22.19	22.39	23.02	22.09	22.29	22.42	21.49	21.69
			270	0	23.18	22.18	22.37	23.08	22.08	22.27	22.48	21.48	21.67
	64QAM		1	0	22.42	21.28	21.32	22.32	21.18	21.22	21.72	20.58	20.62
			1	1	22.93	21.82	21.77	22.83	21.72	21.67	22.23	21.12	21.07
			135	67	23.07	22.23	22.32	22.97	22.13	22.22	22.37	21.53	21.62
			270	0	23.38	22.2	22.34	23.28	22.10	22.24	22.68	21.50	21.64
	256QAM		1	0	21.27	20.28	20.31	21.17	20.18	20.21	20.57	19.58	19.61
			1	1	21.49	20.36	20.45	21.39	20.26	20.35	20.79	19.66	19.75
			135	67	21.48	20.82	20.73	21.38	20.72	20.63	20.78	20.12	20.03
			270	0	21.77	20.7	20.78	21.67	20.60	20.68	21.07	20.00	20.08

DC_28 A (subset 2)-n41A														
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 2 EIRP (dBm)			Antenna 4 EIRP (dBm)		
						501204	518598	535998	501204	518598	535998	501204	518598	535998
						2506	2593	2680	2506	2593	2680	2506	2593	2680
20	PI/2 BPSK	LTE B28-QPSK-5MHz-737MHz	30	1	0	22.54	22.64	22.62	22.44	22.54	22.52	20.94	21.04	21.02
				1	1	23.05	23.19	23.16	22.95	23.09	23.06	21.45	21.59	21.56
				25	12	23.15	23.19	23.21	23.05	23.09	23.11	21.55	21.59	21.61
				50	0	23.13	23.21	23.23	23.03	23.11	23.13	21.53	21.61	21.63
	QPSK			1	0	22.59	22.59	23.59	22.49	22.49	23.49	20.99	20.99	21.99
				1	1	23.15	23.15	23.15	23.05	23.05	23.05	21.55	21.55	21.55
				25	12	23.17	23.23	23.21	23.07	23.13	23.11	21.57	21.63	21.61
				50	0	23.25	23.26	23.14	23.15	23.16	23.04	21.65	21.66	21.54
	16QAM			1	0	22.60	22.80	22.78	22.50	22.70	22.68	21.00	21.20	21.18
				1	1	23.15	23.30	23.41	23.05	23.20	23.31	21.55	21.70	21.81
				25	12	23.30	23.17	23.21	23.20	23.07	23.11	21.70	21.57	21.61
				50	0	23.17	23.15	23.18	23.07	23.05	23.08	21.57	21.55	21.58
	64QAM			1	0	22.12	22.40	22.03	22.02	22.30	21.93	20.52	20.80	20.43
				1	1	22.61	22.87	22.52	22.51	22.77	22.42	21.01	21.27	20.92
				25	12	23.19	23.16	23.13	23.09	23.06	23.03	21.59	21.56	21.53
				50	0	23.21	23.20	23.08	23.11	23.10	22.98	21.61	21.60	21.48
	256QAM			1	0	21.41	21.45	21.40	21.31	21.35	21.30	19.81	19.85	19.80
				1	1	21.57	21.48	21.43	21.47	21.38	21.33	19.97	19.88	19.83
				25	12	21.49	21.52	21.49	21.39	21.42	21.39	19.89	19.92	19.89
				50	0	21.70	21.67	21.58	21.60	21.57	21.48	20.10	20.07	19.98
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						503202	518598	534000	503202	518598	534000	503202	518598	534000
						2516	2593	2670	2516	2593	2670	2516	2593	2670
40	PI/2 BPSK	LTE B28-QPSK-	30	1	0	22.71	22.78	22.84	22.61	22.68	22.74	21.11	21.18	21.24
				1	1	23.38	23.29	23.37	23.28	23.19	23.27	21.78	21.69	21.77

		5MHz-737MHz		54	27	23.39	23.35	23.16	23.29	23.25	23.06	21.79	21.75	21.56
				100	0	23.31	23.33	23.34	23.21	23.23	23.24	21.71	21.73	21.74
	QPSK			1	0	22.79	22.93	22.86	22.69	22.83	22.76	21.19	21.33	21.26
				1	1	23.29	23.32	23.36	23.19	23.22	23.26	21.69	21.72	21.76
				54	27	23.29	23.37	23.33	23.19	23.27	23.23	21.69	21.77	21.73
				100	0	23.39	23.32	23.38	23.29	23.22	23.28	21.79	21.72	21.78
	16QAM			1	0	22.92	22.71	22.69	22.82	22.61	22.59	21.32	21.11	21.09
				1	1	23.27	23.29	22.91	23.17	23.19	22.81	21.67	21.69	21.31
				54	27	23.46	23.41	23.42	23.36	23.31	23.32	21.86	21.81	21.82
				100	0	23.39	23.40	23.30	23.29	23.30	23.20	21.79	21.80	21.70
	64QAM			1	0	22.93	22.68	22.82	22.83	22.58	22.72	21.33	21.08	21.22
				1	1	23.35	23.33	23.19	23.25	23.23	23.09	21.75	21.73	21.59
				54	27	23.30	23.39	23.32	23.20	23.29	23.22	21.70	21.79	21.72
				100	0	23.31	23.32	23.33	23.21	23.22	23.23	21.71	21.72	21.73
	256QAM			1	0	22.54	22.47	22.41	22.44	22.37	22.31	20.94	20.87	20.81
				1	1	23.01	22.95	22.87	22.91	22.85	22.77	21.41	21.35	21.27
				54	27	23.37	23.34	23.35	23.27	23.24	23.25	21.77	21.74	21.75
				100	0	23.41	23.35	23.38	23.31	23.25	23.28	21.81	21.75	21.78

Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						505200	518598	531996	505200	518598	531996	505200	518598	531996
						2526	2593	2660	2526	2593	2660	2526	2593	2660
60	PI/2 BPSK	LTE B28-QPSK-5MHz-737MHz	30	1	0	22.45	22.44	22.45	22.35	22.34	22.35	20.85	20.84	20.85
				1	1	22.99	23.08	23.00	22.89	22.98	22.90	21.39	21.48	21.40
				81	40	23.31	23.32	23.33	23.21	23.22	23.23	21.71	21.72	21.73
				162	0	23.22	23.37	23.27	23.12	23.27	23.17	21.62	21.77	21.67
	QPSK			1	0	22.45	22.49	22.54	22.35	22.39	22.44	20.85	20.89	20.94
				1	1	23.06	23.11	23.15	22.96	23.01	23.05	21.46	21.51	21.55
				81	40	23.37	23.37	23.33	23.27	23.27	23.23	21.77	21.77	21.73
				162	0	23.23	23.23	23.29	23.13	23.13	23.19	21.63	21.63	21.69
	16QAM			1	0	22.61	22.57	22.59	22.51	22.47	22.49	21.01	20.97	20.99
				1	1	23.10	23.18	23.32	23.00	23.08	23.22	21.50	21.58	21.72
				81	40	23.26	23.26	23.43	23.16	23.16	23.33	21.66	21.66	21.83
				162	0	23.26	23.33	23.26	23.16	23.23	23.16	21.66	21.73	21.66
	64QAM			1	0	22.08	21.92	22.01	21.98	21.82	21.91	20.48	20.32	20.41
				1	1	22.60	22.55	22.63	22.50	22.45	22.53	21.00	20.95	21.03
				81	40	23.34	23.26	23.36	23.24	23.16	23.26	21.74	21.66	21.76
				162	0	23.33	23.24	23.29	23.23	23.14	23.19	21.73	21.64	21.69
	256QAM			1	0	21.32	21.24	21.26	21.22	21.14	21.16	19.72	19.64	19.66
				1	1	21.35	21.33	21.33	21.25	21.23	21.23	19.75	19.73	19.73
				81	40	21.86	21.75	21.88	21.76	21.65	21.78	20.26	20.15	20.28
				162	0	21.73	21.74	21.74	21.63	21.64	21.64	20.13	20.14	20.14

Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						507204	518598	529998	507204	518598	529998	507204	518598	529998
						2536	2593	2650	2536	2593	2650	2536	2593	2650
80	PI/2 BPSK	LTE B28-QPSK-5MHz-737MHz	30	1	0	22.49	22.48	22.21	22.39	22.38	22.11	20.89	20.88	20.61
				1	1	23.12	22.99	22.74	23.02	22.89	22.64	21.52	21.39	21.14
				108	64	23.24	23.43	23.41	23.14	23.33	23.31	21.64	21.83	21.81
				216	0	23.12	23.14	23.45	23.02	23.04	23.35	21.52	21.54	21.85
	QPSK			1	0	22.16	22.42	22.19	22.06	22.32	22.09	20.56	20.82	20.59
				1	1	22.80	22.76	22.95	22.70	22.66	22.85	21.20	21.16	21.35
				108	64	23.29	23.04	23.34	23.19	22.94	23.24	21.69	21.44	21.74
				216	0	23.20	23.38	23.16	23.10	23.28	23.06	21.60	21.78	21.56
	16QAM			1	0	22.29	22.11	22.11	22.19	22.01	22.01	20.69	20.51	20.51
				1	1	23.11	22.83	23.02	23.01	22.73	22.92	21.51	21.23	21.42
				108	64	23.19	23.10	23.18	23.09	23.00	23.08	21.59	21.50	21.58
				216	0	23.17	23.14	23.45	23.07	23.04	23.35	21.57	21.54	21.85
	64QAM			1	0	22.65	22.44	22.25	22.55	22.34	22.15	21.05	20.84	20.65
				1	1	23.25	23.03	23.05	23.15	22.93	22.95	21.65	21.43	21.45
				108	64	23.07	23.35	23.33	22.97	23.25	23.23	21.47	21.75	21.73
				216	0	23.12	23.12	23.32	23.02	23.02	23.22	21.52	21.52	21.72
	256QAM			1	0	22.00	21.86	22.30	21.90	21.76	22.20	20.40	20.26	20.70
				1	1	22.74	22.37	22.73	22.64	22.27	22.63	21.14	20.77	21.13
				108	64	23.19	23.20	23.16	23.09	23.10	23.06	21.59	21.60	21.56
				216	0	23.23	23.15	23.22	23.13	23.05	23.12	21.63	21.55	21.62

Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						509202	518598	528000	509202	518598	528000	509202	518598	528000
						2546	2593	2640	2546	2593	2640	2546	2593	2640
100	PI/2 BPSK	LTE B28-QPSK-5MHz-737MHz	30	1	0	22.57	22.18	22.19	22.47	22.08	22.09	20.97	20.58	20.59
				1	1	22.93	23.04	23.01	22.83	22.94	22.91	21.33	21.44	21.41
				135	67	23.12	23.19	23.33	23.02	23.09	23.23	21.52	21.59	21.73
				270	0	23.22	22.29	23.24	23.12	22.19	23.14	21.62	20.69	21.64
	QPSK			1	0	22.44	22.99	22.43	22.34	22.89	22.33	20.84	21.39	20.83
				1	1	23.13	22.98	22.99	23.03	22.88	22.89	21.53	21.38	21.39
				135	67	23.10	23.34	23.32	23.00	23.24	23.22	21.50	21.74	21.72
				270	0	23.37	23.15	23.61	23.27	23.05	23.51	21.77	21.55	22.01
	16QAM			1	0	23.34	22.60	22.46	23.24	22.50	22.36	21.74	21.00	20.86
				1	1	23.05	23.06	22.95	22.95	22.96	22.85	21.45	21.46	21.35
				135	67	23.19	23.30	23.29	23.09	23.20	23.19	21.59	21.70	21.69
				270	0	23.23	23.56	23.24	23.13	23.46	23.14	21.63	21.96	21.64
	64QAM			1	0	21.97	22.01	22.32	21.87	21.91	22.22	20.37	20.41	20.72
				1	1	22.38	22.53	22.85	22.28	22.43	22.75	20.78	20.93	21.25
				135	67	23.35	23.49	23.48	23.25	23.39	23.38	21.75	21.89	21.88
				270	0	23.51	23.23	23.20	23.41	23.13	23.10	21.91	21.63	21.60
	256QA			1	0	20.61	20.77	21.12	20.51	20.67	21.02	19.01	19.17	19.52

	M			1	1	21.16	21.21	21.80	21.06	21.11	21.70	19.56	19.61	20.20
				135	67	21.83	21.64	21.62	21.73	21.54	21.52	20.23	20.04	20.02
				270	0	22.06	22.18	21.63	21.96	22.08	21.53	20.46	20.58	20.03

NR n66											
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 3 EIRP (dBm)			
					342500	349000	355500	342500	349000	355500	
					1712.5	1745	1777.5	1712.5	1745	1777.5	
5	PI/2 BPSK	15	1	0	21.87	21.51	21.48	18.97	18.61	18.58	
			1	1	22.37	22.52	22.5	19.47	19.62	19.6	
			12	6	21.76	22.48	22.54	18.86	19.58	19.64	
			25	0	21.21	21.44	21.52	18.31	18.54	18.62	
	QPSK		1	0	20.74	21.36	21.53	17.84	18.46	18.63	
			1	1	21.72	22.51	22.74	18.82	19.61	19.84	
			12	6	21.75	22.39	22.54	18.85	19.49	19.64	
			25	0	20.98	21.44	21.55	18.08	18.54	18.65	
	16QAM		1	0	19.68	20.23	20.64	16.78	17.33	17.74	
			1	1	20.74	21.4	21.78	17.84	18.5	18.88	
			12	6	20.75	21.39	21.37	17.85	18.49	18.47	
			25	0	19.76	20.42	20.59	16.86	17.52	17.69	
	64QAM		1	0	19.63	19.66	19.41	16.73	16.76	16.51	
			1	1	20.69	19.69	19.44	17.79	16.79	16.54	
			12	6	20.73	19.93	20.08	17.83	17.03	17.18	
			25	0	19.95	19.92	20.07	17.05	17.02	17.17	
	256QAM		1	0	19	17.77	17.67	16.1	14.87	14.77	
			1	1	19.03	17.75	17.89	16.13	14.85	14.99	
			12	6	19.51	17.91	17.97	16.61	15.01	15.07	
			25	0	19.44	17.82	17.98	16.54	14.92	15.08	
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			
					343000	349000	355000	343000	349000	355000	
					1715	1745	1775	1715	1745	1775	
10	PI/2 BPSK	15	1	0	22.83	22.43	22.39	19.93	19.53	19.49	
			1	1	23.43	23.55	23.54	20.53	20.65	20.64	
			25	12	23.03	23.37	23.55	20.13	20.47	20.65	
			50	0	22.34	22.5	22.53	19.44	19.6	19.63	
	QPSK		1	0	22.24	22.4	22.35	19.34	19.5	19.45	
			1	1	22.78	23.49	23.53	19.88	20.59	20.63	
			25	12	22.9	23.45	23.49	20	20.55	20.59	
			50	0	22.18	22..51	22.58	19.28	18.68	19.68	
	16QAM		1	0	21.42	21.42	21.34	18.52	18.52	18.44	
			1	1	22.09	22.51	22.42	19.19	19.61	19.52	

			25	12	21.9	22.37	22.51	19	19.47	19.61
			50	0	21.15	21.36	21.51	18.25	18.46	18.61
	64QAM		1	0	21.34	20.68	20.39	18.44	17.78	17.49
			1	1	21.87	20.72	20.79	18.97	17.82	17.89
			25	12	21.79	20.91	20.99	18.89	18.01	18.09
			50	0	21.15	20.96	21.05	18.25	18.06	18.15
	256QAM		1	0	20.53	18.8	18.83	17.63	15.9	15.93
			1	1	20.58	18.84	18.88	17.68	15.94	15.98
			25	12	20.46	18.83	18.9	17.56	15.93	16
			50	0	20.68	18.93	18.98	17.78	16.03	16.08
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					343500	349000	354500	343500	349000	354500
					1717.5	1745	1772.5	1717.5	1745	1772.5
15	PI/2 BPSK	15	1	0	22.18	22.47	22.5	19.28	19.57	19.6
			1	1	22.7	23.66	23.58	19.8	20.76	20.68
			36	18	22.93	23.59	23.55	20.03	20.69	20.65
			75	0	22.58	22.54	22.55	19.68	19.64	19.65
	QPSK		1	0	22.54	22.47	22.32	19.64	19.57	19.42
			1	1	23.46	23.52	23.48	20.56	20.62	20.58
			36	18	23.19	23.55	23.55	20.29	20.65	20.65
			75	0	22.46	22.56	22.6	19.56	19.66	19.7
	16QAM		1	0	21.55	21.58	21.41	18.65	18.68	18.51
			1	1	22.5	22.52	22.57	19.6	19.62	19.67
			36	18	22.26	22.53	22.56	19.36	19.63	19.66
			75	0	21.64	21.53	21.53	18.74	18.63	18.63
	64QAM		1	0	20.43	20.26	20.3	17.53	17.36	17.4
			1	1	20.39	20.32	20.37	17.49	17.42	17.47
			36	18	20.6	20.92	20.94	17.7	18.02	18.04
			75	0	21.02	21.01	21.08	18.12	18.11	18.18
	256QAM		1	0	18.84	18.83	18.65	15.94	15.93	15.75
			1	1	18.89	18.88	18.72	15.99	15.98	15.82
			36	18	18.94	18.94	18.94	16.04	16.04	16.04
			75	0	19.06	19.05	19	16.16	16.15	16.1
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					344000	349000	354000	344000	349000	354000
					1720	1745	1770	1720	1745	1770
20	PI/2 BPSK	15	1	0	22.8	22.89	22.52	19.9	19.99	19.62
			1	1	23.35	23.48	23.45	20.45	20.58	20.55
			50	25	23.58	23.59	23.58	20.68	20.69	20.68
			100	0	23.14	23.03	22.56	20.24	20.13	19.66
	QPSK		1	0	22.56	22.54	22.41	19.66	19.64	19.51
			1	1	23.64	23.61	23.5	20.74	20.71	20.6
			50	25	23.67	23.62	23.66	20.77	20.72	20.76

			100	0	22.6	22.54	22.52	19.7	19.64	19.62
	16QAM		1	0	21.66	21.6	21.27	18.76	18.7	18.37
			1	1	22.47	22.66	22.36	19.57	19.76	19.46
			50	25	22.58	22.49	22.56	19.68	19.59	19.66
			100	0	21.48	21.56	21.55	18.58	18.66	18.65
	64QAM		1	0	21.54	21.58	20.71	18.64	18.68	17.81
			1	1	22.57	22.57	20.75	19.67	19.67	17.85
			50	25	22.56	22.53	21.03	19.66	19.63	18.13
			100	0	21.55	21.52	21.06	18.65	18.62	18.16
	256QAM		1	0	20.63	20.57	18.65	17.73	17.67	15.75
			1	1	20.67	20.61	18.68	17.77	17.71	15.78
			50	25	21.14	21.05	19.02	18.24	18.15	16.12
			100	0	21.1	20.97	19.06	18.2	18.07	16.16

DC_5A-n66A														
Bandwidth(MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 2 EIRP (dBm)			Antenna 3 EIRP (dBm)		
						342500	349000	355500	342500	349000	355500	342500	349000	355500
						1712.5	1745	1777.5	1712.5	1745	1777.5	1712.5	1745	1777.5
5	PI/2 BPSK	Band5-10MHz-836.5MHz-QPSK-1#0	15	1	0	22.60	22.71	22.54	22.40	22.51	22.34	19.70	19.81	19.64
				1	1	23.61	23.83	23.71	23.41	23.63	23.51	20.71	20.93	20.81
				12	6	23.40	23.72	23.71	23.20	23.52	23.51	20.50	20.82	20.81
				25	0	22.55	22.73	22.68	22.35	22.53	22.48	19.65	19.83	19.78
	QPSK			1	0	22.18	22.63	22.67	21.98	22.43	22.47	19.28	19.73	19.77
				1	1	23.17	23.66	23.39	22.97	23.46	23.19	20.27	20.76	20.49
				12	6	23.17	23.68	23.69	22.97	23.48	23.49	20.27	20.78	20.79
				25	0	22.50	22.73	22.72	22.30	22.53	22.52	19.60	19.83	19.82
	16QAM			1	0	21.47	21.53	21.78	21.27	21.33	21.58	18.57	18.63	18.88
				1	1	22.51	22.59	22.82	22.31	22.39	22.62	19.61	19.69	19.92
				12	6	22.38	22.70	22.70	22.18	22.50	22.50	19.48	19.80	19.80
				25	0	21.63	21.72	21.73	21.43	21.52	21.53	18.73	18.82	18.83
	64QAM			1	0	20.26	20.54	20.91	20.06	20.34	20.71	17.36	17.64	18.01
				1	1	20.28	20.66	20.92	20.08	20.46	20.72	17.38	17.76	18.02
				12	6	20.83	21.15	21.16	20.63	20.95	20.96	17.93	18.25	18.26
				25	0	21.17	21.24	21.25	20.97	21.04	21.05	18.27	18.34	18.35
	256QAM			1	0	19.14	19.19	19.11	18.94	18.99	18.91	16.24	16.29	16.21
				1	1	19.18	19.21	19.23	18.98	19.01	19.03	16.28	16.31	16.33
				12	6	19.18	19.08	19.15	18.98	18.88	18.95	16.28	16.18	16.25
				25	0	19.19	19.13	19.15	18.99	18.93	18.95	16.29	16.23	16.25

Bandwidth(MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						343000	349000	355000	343000	349000	355000	343000	349000	355000
						1715	1745	1775	1715	1745	1775	1715	1745	1775
10	PI/2 BPSK	Band5-10MHz-836.5MHz-QPSK-1#0	15	1	0	22.81	22.62	22.60	22.61	22.42	22.40	19.91	19.72	19.70
				1	1	23.95	23.53	23.50	23.75	23.33	23.30	21.05	20.63	20.60
				25	12	23.60	23.57	23.50	23.40	23.37	23.30	20.70	20.67	20.60
				50	0	22.68	22.70	22.65	22.48	22.50	22.45	19.78	19.80	19.75
	QPSK			1	0	22.64	22.58	22.71	22.44	22.38	22.51	19.74	19.68	19.81
				1	1	23.49	23.49	23.48	23.29	23.29	23.28	20.59	20.59	20.58
				25	12	23.50	23.53	23.50	23.30	23.33	23.30	20.60	20.63	20.60
				50	0	22.68	22.70	22.73	22.48	22.50	22.53	19.78	19.80	19.83
	16QAM			1	0	22.73	22.61	21.90	22.53	22.41	21.70	19.83	19.71	19.00
				1	1	23.47	23.50	22.75	23.27	23.30	22.55	20.57	20.60	19.85
				25	12	23.53	23.53	22.46	23.33	23.33	22.26	20.63	20.63	19.56
				50	0	22.77	22.74	21.82	22.57	22.54	21.62	19.87	19.84	18.92
	64QAM			1	0	21.90	22.72	21.01	21.70	22.52	20.81	19.00	19.82	18.11
				1	1	22.67	23.50	20.79	22.47	23.30	20.59	19.77	20.60	17.89
				25	12	22.48	23.50	21.07	22.28	23.30	20.87	19.58	20.60	18.17
				50	0	21.71	22.82	21.35	21.51	22.62	21.15	18.81	19.92	18.45
	256QAM			1	0	21.62	22.72	19.28	21.42	22.52	19.08	18.72	19.82	16.38
				1	1	21.16	23.58	19.32	20.96	23.38	19.12	18.26	20.68	16.42
				25	12	21.09	23.46	19.14	20.89	23.26	18.94	18.19	20.56	16.24
				50	0	21.32	22.76	19.21	21.12	22.56	19.01	18.42	19.86	16.31

Bandwidth(MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						343500	349000	354500	343500	349000	354500	343500	349000	354500
						1717.5	1745	1772.5	1717.5	1745	1772.5	1717.5	1745	1772.5
15	PI/2 BPSK	Band5-10MHz-836.5MHz-QPSK-1#0	15	1	0	22.62	22.78	22.68	22.42	22.58	22.48	19.72	19.88	19.78
				1	1	23.50	23.67	23.67	23.30	23.47	23.47	20.60	20.77	20.77
				36	18	23.59	23.52	23.56	23.39	23.32	23.36	20.69	20.62	20.66
				75	0	23.01	23.08	23.09	22.81	22.88	22.89	20.11	20.18	20.19
	QPSK			1	0	22.68	22.74	22.74	22.48	22.54	22.54	19.78	19.84	19.84
				1	1	23.83	23.90	23.91	23.63	23.70	23.71	20.93	21.00	21.01
				36	18	23.72	23.71	23.70	23.52	23.51	23.50	20.82	20.81	20.80
				75	0	23.03	23.01	23.06	22.83	22.81	22.86	20.13	20.11	20.16
	16QAM			1	0	21.89	21.68	21.76	21.69	21.48	21.56	18.99	18.78	18.86
				1	1	22.96	22.75	22.72	22.76	22.55	22.52	20.06	19.85	19.82
				36	18	22.68	22.76	22.74	22.48	22.56	22.54	19.78	19.86	19.84
				75	0	22.00	22.02	21.96	21.80	21.82	21.76	19.10	19.12	19.06
	64QAM			1	0	20.67	21.92	20.75	20.47	21.72	20.55	17.77	19.02	17.85
				1	1	20.72	22.88	20.81	20.52	22.68	20.61	17.82	19.98	17.91
				36	18	21.23	22.74	21.23	21.03	22.54	21.03	18.33	19.84	18.33
				75	0	21.54	22.00	21.51	21.34	21.80	21.31	18.64	19.10	18.61
	256QA			1	0	18.89	19.21	19.11	18.69	19.01	18.91	15.99	16.31	16.21

	M			1	1	18.94	19.27	19.16	18.74	19.07	18.96	16.04	16.37	16.26
				36	18	19.41	19.41	19.47	19.21	19.21	19.27	16.51	16.51	16.57
				75	0	19.52	19.49	19.49	19.32	19.29	19.29	16.62	16.59	16.59
Bandwidth(MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						344000	349000	354000	344000	349000	354000	344000	349000	354000
						1720	1745	1770	1720	1745	1770	1720	1745	1770
20	PI/2 BPSK	Band5-10MHz-836.5MHz-QPSK-1#0	15	1	0	22.70	22.76	22.73	22.50	22.56	22.53	19.80	19.86	19.83
				1	1	23.88	23.93	23.91	23.68	23.73	23.71	20.98	21.03	21.01
				50	25	24.06	24.07	24.03	23.86	23.87	23.83	21.16	21.17	21.13
				100	0	22.99	23.01	22.97	22.79	22.81	22.77	20.09	20.11	20.07
	QPSK			1	0	22.79	22.79	22.77	22.59	22.59	22.57	19.89	19.89	19.87
				1	1	23.83	23.83	23.81	23.63	23.63	23.61	20.93	20.93	20.91
				50	25	24.11	24.12	24.23	23.91	23.92	24.03	21.21	21.22	21.33
				100	0	23.01	23.04	23.02	22.81	22.84	22.82	20.11	20.14	20.12
	16QAM			1	0	21.77	21.74	21.73	21.57	21.54	21.53	18.87	18.84	18.83
				1	1	22.80	22.69	22.77	22.60	22.49	22.57	19.90	19.79	19.87
				50	25	22.98	22.99	22.97	22.78	22.79	22.77	20.08	20.09	20.07
				100	0	22.05	22.05	22.03	21.85	21.85	21.83	19.15	19.15	19.13
	64QAM			1	0	21.14	20.77	20.78	20.94	20.57	20.58	18.24	17.87	17.88
				1	1	21.17	20.83	20.83	20.97	20.63	20.63	18.27	17.93	17.93
				50	25	21.53	21.41	21.54	21.33	21.21	21.34	18.63	18.51	18.64
				100	0	21.50	21.50	21.47	21.30	21.30	21.27	18.60	18.60	18.57
	256QAM			1	0	19.05	19.14	19.25	18.85	18.94	19.05	16.15	16.24	16.35
				1	1	19.08	19.10	19.30	18.88	18.90	19.10	16.18	16.20	16.40
				50	25	19.50	19.52	19.51	19.30	19.32	19.31	16.60	16.62	16.61
				100	0	19.52	19.50	19.51	19.32	19.30	19.31	16.62	16.60	16.61

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Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 5 EIRP (dBm)			Antenna 10 EIRP (dBm)		
					630666	633334	635998	630666	633334	635998	630666	633334	635998
					3460	3500	3540	3460	3500	3540	3460	3500	3540
20	BPSK	30	1	0	21.56	21.45	21.52	19.26	19.15	19.22	18.26	18.15	18.22
			1	1	21.95	21.95	22.08	19.65	19.65	19.78	18.65	18.65	18.78
			1	49	21.94	22.04	22.3	19.64	19.74	20	18.64	18.74	19
			1	50	21.41	21.5	21.74	19.11	19.2	19.44	18.11	18.2	18.44
			25	12	22.05	21.99	22.14	19.75	19.69	19.84	18.75	18.69	18.84
			50	0	22.04	21.98	22.16	19.74	19.68	19.86	18.74	18.68	18.86
	QPSK		1	0	21.49	21.42	21.63	19.19	19.12	19.33	18.19	18.12	18.33
			1	1	21.97	21.86	22.07	19.67	19.56	19.77	18.67	18.56	18.77
			1	49	22.06	21.94	22.27	19.76	19.64	19.97	18.76	18.64	18.97
			1	50	21.53	21.521	21.72	19.23	19.221	19.42	18.23	18.221	18.42

			25	12	22.03	21.98	22.15	19.73	19.68	19.85	18.73	18.68	18.85
			50	0	22.04	22.03	22.15	19.74	19.73	19.85	18.74	18.73	18.85
	16QAM		1	0	21.28	21.36	21.67	18.98	19.06	19.37	17.98	18.06	18.37
			1	1	21.79	21.88	22.16	19.49	19.58	19.86	18.49	18.58	18.86
			1	49	21.88	21.95	22.26	19.58	19.65	19.96	18.58	18.65	18.96
			1	50	21.37	21.43	21.78	19.07	19.13	19.48	18.07	18.13	18.48
			25	12	22.1	22.05	22.24	19.8	19.75	19.94	18.8	18.75	18.94
			50	0	22.08	22.03	22.01	19.78	19.73	19.71	18.78	18.73	18.71
	64QAM		1	0	21.16	21.12	21.25	18.86	18.82	18.95	17.86	17.82	17.95
			1	1	21.68	21.53	21.35	19.38	19.23	19.05	18.38	18.23	18.05
			1	49	21.46	21.51	21.36	19.16	19.21	19.06	18.16	18.21	18.06
			1	50	21.26	21.09	21.34	18.96	18.79	19.04	17.96	17.79	18.04
			25	12	21.45	21.65	21.32	19.15	19.35	19.02	18.15	18.35	18.02
			50	0	21.73	21.58	21.6	19.43	19.28	19.3	18.43	18.28	18.3
	256QAM		1	0	20.22	20.22	20	17.92	17.92	17.7	16.92	16.92	16.7
			1	1	20.23	20.11	20.41	17.93	17.81	18.11	16.93	16.81	17.11
			1	49	20.33	20.19	20.52	18.03	17.89	18.22	17.03	16.89	17.22
			1	50	20.11	20.09	19.99	17.81	17.79	17.69	16.81	16.79	16.69
			25	12	19.94	20.1	19.75	17.64	17.8	17.45	16.64	16.8	16.45
			50	0	20.35	20.27	20.29	18.05	17.97	17.99	17.05	16.97	16.99
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					631332	633334	635332	631332	633334	635332	631332	633334	635332
					3470	3500	3530	3470	3500	3530	3470	3500	3530
40	BPSK	30	1	0	21.81	21.64	21.73	19.51	19.34	19.43	18.51	18.34	18.43
			1	1	22.23	22.18	22.2	19.93	19.88	19.9	18.93	18.88	18.9
			1	104	22.24	22.32	22.29	19.94	20.02	19.99	18.94	19.02	18.99
			1	105	21.78	21.84	21.89	19.48	19.54	19.59	18.48	18.54	18.59
			50	25	22.08	22.06	22.29	19.78	19.76	19.99	18.78	18.76	18.99
			100	0	22.22	22.11	22.29	19.92	19.81	19.99	18.92	18.81	18.99
	QPSK		1	0	21.97	21.63	21.71	19.67	19.33	19.41	18.67	18.33	18.41
			1	1	22.31	22.17	22.31	20.01	19.87	20.01	19.01	18.87	19.01
			1	104	22.13	22.32	22.3	19.83	20.02	20	18.83	19.02	19
			1	105	21.68	21.92	21.99	19.38	19.62	19.69	18.38	18.62	18.69
			50	25	22.18	21.99	22.26	19.88	19.69	19.96	18.88	18.69	18.96
			100	0	22.14	22.18	22.26	19.84	19.88	19.96	18.84	18.88	18.96
	16QAM		1	0	21.71	21.58	21.73	19.41	19.28	19.43	18.41	18.28	18.43
			1	1	22.23	22.08	22.21	19.93	19.78	19.91	18.93	18.78	18.91
			1	104	22.15	22.23	22.26	19.85	19.93	19.96	18.85	18.93	18.96
			1	105	21.65	21.73	22	19.35	19.43	19.7	18.35	18.43	18.7
			50	25	22.08	22.05	22.22	19.78	19.75	19.92	18.78	18.75	18.92
			100	0	22.15	22.15	22.01	19.85	19.85	19.71	18.85	18.85	18.71
	64QAM		1	0	21.92	21.2	21.29	19.62	18.9	18.99	18.62	17.9	17.99
			1	1	22.21	21.71	21.49	19.91	19.41	19.19	18.91	18.41	18.19

			1	104	22.27	21.37	21.24	19.97	19.07	18.94	18.97	18.07	17.94
			1	105	21.81	21.36	21.24	19.51	19.06	18.94	18.51	18.06	17.94
			50	25	22.19	21.58	21.26	19.89	19.28	18.96	18.89	18.28	17.96
			100	0	22.21	21.77	21.71	19.91	19.47	19.41	18.91	18.47	18.41
			1	0	20.73	20.45	20.26	18.43	18.15	17.96	17.43	17.15	16.96
			1	1	20.75	20.45	20.26	18.45	18.15	17.96	17.45	17.15	16.96
	256QAM		1	104	20.58	20.12	20.01	18.28	17.82	17.71	17.28	16.82	16.71
			1	105	20.58	20.11	19.99	18.28	17.81	17.69	17.28	16.81	16.69
			50	25	20.6	20.19	19.79	18.3	17.89	17.49	17.3	16.89	16.49
			100	0	20.61	20.34	20.31	18.31	18.04	18.01	17.31	17.04	17.01
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					632000	633334	634666	632000	633334	634666	632000	633334	634666
					3480	3500	3520	3480	3500	3520	3480	3500	3520
			1	0	21.54	21.37	21.38	19.24	19.07	19.08	18.24	18.07	18.08
			1	1	22.06	21.89	21.91	19.76	19.59	19.61	18.76	18.59	18.61
			1	160	22.07	22.07	22.2	19.77	19.77	19.9	18.77	18.77	18.9
	BPSK		1	161	21.45	21.52	21.66	19.15	19.22	19.36	18.15	18.22	18.36
			81	40	21.95	21.86	22	19.65	19.56	19.7	18.65	18.56	18.7
			162	0	22.01	21.94	22.05	19.71	19.64	19.75	18.71	18.64	18.75
			1	0	21.5	21.42	21.37	19.2	19.12	19.07	18.2	18.12	18.07
			1	1	22.05	21.88	21.81	19.75	19.58	19.51	18.75	18.58	18.51
	QPSK		1	160	21.93	22.12	22.15	19.63	19.82	19.85	18.63	18.82	18.85
			1	161	21.44	21.49	21.61	19.14	19.19	19.31	18.14	18.19	18.31
			81	40	22.05	21.85	21.96	19.75	19.55	19.66	18.75	18.55	18.66
			162	0	22.04	21.84	21.95	19.74	19.54	19.65	18.74	18.54	18.65
			1	0	21.28	21.41	21.31	18.98	19.11	19.01	17.98	18.11	18.01
			1	1	21.84	21.97	21.94	19.54	19.67	19.64	18.54	18.67	18.64
			1	160	21.77	22.11	22.25	19.47	19.81	19.95	18.47	18.81	18.95
60	16QAM	30	1	161	21.21	21.56	21.61	18.91	19.26	19.31	17.91	18.26	18.31
			81	40	21.93	21.9	21.97	19.63	19.6	19.67	18.63	18.6	18.67
			162	0	21.97	21.93	22.01	19.67	19.63	19.71	18.67	18.63	18.71
			1	0	20.93	21.4	21.02	18.63	19.1	18.72	17.63	18.1	17.72
			1	1	21.52	21.97	21.57	19.22	19.67	19.27	18.22	18.67	18.27
			1	160	21.47	22.1	21.67	19.17	19.8	19.37	18.17	18.8	18.37
	64QAM		1	161	20.88	21.56	21.3	18.58	19.26	19	17.58	18.26	18
			81	40	21.9	21.47	21.12	19.6	19.17	18.82	18.6	18.17	17.82
			162	0	22.03	21.9	21.9	19.73	19.6	19.6	18.73	18.6	18.6
			1	0	20.35	20.26	20.02	18.05	17.96	17.72	17.05	16.96	16.72
			1	1	20.41	20.32	20.17	18.11	18.02	17.87	17.11	17.02	16.87
			1	160	20.34	20.39	20.28	18.04	18.09	17.98	17.04	17.09	16.98
	256QAM		1	161	20.28	20.33	20.21	17.98	18.03	17.91	16.98	17.03	16.91
			81	40	20.48	20.04	19.82	18.18	17.74	17.52	17.18	16.74	16.52
			162	0	20.41	20.41	20.39	18.11	18.11	18.09	17.11	17.11	17.09

Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					632666	633334	633998	632666	633334	633998	632666	633334	633998
					3490	3500	3510	3490	3500	3510	3490	3500	3510
80	BPSK	30	1	0	21.34	21.32	21.39	19.04	19.02	19.09	18.04	18.02	18.09
			1	1	21.96	21.87	21.92	19.66	19.57	19.62	18.66	18.57	18.62
			1	215	21.85	22.11	22.11	19.55	19.81	19.81	18.55	18.81	18.81
			1	216	21.4	21.47	21.61	19.1	19.17	19.31	18.1	18.17	18.31
			108	54	21.76	21.75	21.82	19.46	19.45	19.52	18.46	18.45	18.52
			216	0	21.85	21.86	21.88	19.55	19.56	19.58	18.55	18.56	18.58
	QPSK		1	0	21.41	21.3	21.29	19.11	19	18.99	18.11	18	17.99
			1	1	22.02	21.84	21.78	19.72	19.54	19.48	18.72	18.54	18.48
			1	215	21.79	21.96	22.04	19.49	19.66	19.74	18.49	18.66	18.74
			1	216	21.34	21.44	21.51	19.04	19.14	19.21	18.04	18.14	18.21
			108	54	21.76	21.74	21.82	19.46	19.44	19.52	18.46	18.44	18.52
			216	0	21.85	21.83	21.83	19.55	19.53	19.53	18.55	18.53	18.53
	16QAM		1	0	21.31	21.37	21.32	19.01	19.07	19.02	18.01	18.07	18.02
			1	1	21.82	21.87	21.92	19.52	19.57	19.62	18.52	18.57	18.62
			1	215	21.79	22.06	22.13	19.49	19.76	19.83	18.49	18.76	18.83
			1	216	21.34	21.43	21.51	19.04	19.13	19.21	18.04	18.13	18.21
			108	54	21.75	21.83	21.86	19.45	19.53	19.56	18.45	18.53	18.56
			216	0	21.71	21.83	21.84	19.41	19.53	19.54	18.41	18.53	18.54
	64QAM		1	0	21.47	21	21.06	19.17	18.7	18.76	18.17	17.7	17.76
			1	1	22.02	21.54	21.57	19.72	19.24	19.27	18.72	18.24	18.27
			1	215	22.05	21.69	21.78	19.75	19.39	19.48	18.75	18.39	18.48
			1	216	21.56	21.15	21.14	19.26	18.85	18.84	18.26	17.85	17.84
			108	54	21.74	21.63	21.45	19.44	19.33	19.15	18.44	18.33	18.15
			216	0	21.8	21.83	21.83	19.5	19.53	19.53	18.5	18.53	18.53
	256QAM		1	0	20.26	20.04	20.06	17.96	17.74	17.76	16.96	16.74	16.76
			1	1	20.32	20.07	20.11	18.02	17.77	17.81	17.02	16.77	16.81
			1	215	20.28	20.21	20.29	17.98	17.91	17.99	16.98	16.91	16.99
			1	216	20.18	20.16	20.24	17.88	17.86	17.94	16.88	16.86	16.94
			108	54	20.24	20.14	19.95	17.94	17.84	17.65	16.94	16.84	16.65
			216	0	20.26	20.29	20.36	17.96	17.99	18.06	16.96	16.99	17.06
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					N/A	633334	N/A	N/A	633334	N/A	N/A	633334	N/A
					N/A	3500	N/A	N/A	3500	N/A	N/A	3500	N/A
100	BPSK	30	1	0	/	21.51	/	/	19.21	/	/	18.21	/
			1	1	/	21.99	/	/	19.69	/	/	18.69	/
			1	271	/	22.33	/	/	20.03	/	/	19.03	/
			1	272	/	21.63	/	/	19.33	/	/	18.33	/
			135	67	/	21.77	/	/	19.47	/	/	18.47	/
			270	0	/	21.86	/	/	19.56	/	/	18.56	/
	QPSK		1	0	/	21.37	/	/	19.07	/	/	18.07	/

			1	1	/	21.92	/	/	19.62	/	/	18.62	/
			1	271	/	22.13	/	/	19.83	/	/	18.83	/
			1	272	/	21.63	/	/	19.33	/	/	18.33	/
			135	67	/	21.76	/	/	19.46	/	/	18.46	/
			270	0	/	21.83	/	/	19.53	/	/	18.53	/
	16QAM		1	0	/	21.44	/	/	19.14	/	/	18.14	/
			1	1	/	21.95	/	/	19.65	/	/	18.65	/
			1	271	/	22.19	/	/	19.89	/	/	18.89	/
			1	272	/	21.76	/	/	19.46	/	/	18.46	/
			135	67	/	21.78	/	/	19.48	/	/	18.48	/
			270	0	/	21.83	/	/	19.53	/	/	18.53	/
	64QAM		1	0	/	21.07	/	/	18.77	/	/	17.77	/
			1	1	/	21.6	/	/	19.3	/	/	18.3	/
			1	271	/	21.83	/	/	19.53	/	/	18.53	/
			1	272	/	21.39	/	/	19.09	/	/	18.09	/
			135	67	/	21.68	/	/	19.38	/	/	18.38	/
			270	0	/	21.94	/	/	19.64	/	/	18.64	/
	256QAM		1	0	/	20.23	/	/	17.93	/	/	16.93	/
			1	1	/	20.27	/	/	17.97	/	/	16.97	/
			1	271	/	20.5	/	/	18.2	/	/	17.2	/
			1	272	/	20.47	/	/	18.17	/	/	17.17	/
			135	67	/	20.15	/	/	17.85	/	/	16.85	/
			270	0	/	20.31	/	/	18.01	/	/	17.01	/

NR n77 subset 2													
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 5 EIRP (dBm)			Antenna 10 EIRP (dBm)		
					647334	656000	664666	647334	656000	664666	647334	656000	664666
					3710	3840	3970	3710	3840	3970	3710	3840	3970
20	BPSK	30	1	0	21.84	21.08	21.82	19.54	18.78	19.52	18.54	17.78	18.52
			1	1	22.35	21.54	22.3	20.05	19.24	20	19.05	18.24	19
			1	49	22.19	21.6	22.38	19.89	19.3	20.08	18.89	18.3	19.08
			1	50	21.64	21.14	21.84	19.34	18.84	19.54	18.34	17.84	18.54
			25	12	22.35	21.7	22.1	20.05	19.4	19.8	19.05	18.4	18.8
			50	0	22.34	21.69	22.41	20.04	19.39	20.11	19.04	18.39	19.11
	QPSK		1	0	21.84	21.2	21.82	19.54	18.9	19.52	18.54	17.9	18.52
			1	1	22.31	21.59	22.23	20.01	19.29	19.93	19.01	18.29	18.93
			1	49	22.26	21.63	22.33	19.96	19.33	20.03	18.96	18.33	19.03
			1	50	21.72	21.26	21.85	19.42	18.96	19.55	18.42	17.96	18.55
			25	12	22.33	21.73	22.44	20.03	19.43	20.14	19.03	18.43	19.14
			50	0	22.37	21.75	22.35	20.07	19.45	20.05	19.07	18.45	19.05
	16QAM		1	0	21.78	21.19	21.63	19.48	18.89	19.33	18.48	17.89	18.33

			1	1	22.3	21.68	22.14	20	19.38	19.84	19	18.38	18.84
			1	49	22.2	21.7	22.33	19.9	19.4	20.03	18.9	18.4	19.03
			1	50	21.77	21.2	21.71	19.47	18.9	19.41	18.47	17.9	18.41
			25	12	22.38	21.78	22.41	20.08	19.48	20.11	19.08	18.48	19.11
			50	0	22.37	21.71	22.39	20.07	19.41	20.09	19.07	18.41	19.09
	64QAM		1	0	21.49	20.8	21.42	19.19	18.5	19.12	18.19	17.5	18.12
			1	1	22.02	21.32	21.96	19.72	19.02	19.66	18.72	18.02	18.66
			1	49	21.87	21.34	22.14	19.57	19.04	19.84	18.57	18.04	18.84
			1	50	21.38	20.82	21.61	19.08	18.52	19.31	18.08	17.52	18.31
			25	12	22.42	21.77	22.44	20.12	19.47	20.14	19.12	18.47	19.14
			50	0	22.39	21.73	22.43	20.09	19.43	20.13	19.09	18.43	19.13
	256QAM		1	0	20.66	19.97	20.54	18.36	17.67	18.24	17.36	16.67	17.24
			1	1	20.67	20.02	20.45	18.37	17.72	18.15	17.37	16.72	17.15
			1	49	20.54	20.04	20.65	18.24	17.74	18.35	17.24	16.74	17.35
			1	50	20.59	19.89	20.62	18.29	17.59	18.32	17.29	16.59	17.32
			25	12	20.75	20.13	20.87	18.45	17.83	18.57	17.45	16.83	17.57
			50	0	20.881	20.07	20.86	18.581	17.77	18.56	17.581	16.77	17.56
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					648000	656000	664000	648000	656000	664000	648000	656000	664000
					3720	3840	3960	3720	3840	3960	3720	3840	3960
40	BPSK	30	1	0	22.24	21.44	21.92	19.94	19.14	19.62	18.94	18.14	18.62
			1	1	22.39	22	22.39	20.09	19.7	20.09	19.09	18.7	19.09
			1	104	22.38	21.88	22.4	20.08	19.58	20.1	19.08	18.58	19.1
			1	105	21.91	21.39	22.2	19.61	19.09	19.9	18.61	18.09	18.9
			50	25	22.44	21.85	22.34	20.14	19.55	20.04	19.14	18.55	19.04
			100	0	22.35	21.83	22.35	20.05	19.53	20.05	19.05	18.53	19.05
	QPSK		1	0	22.24	21.42	21.86	19.94	19.12	19.56	18.94	18.12	18.56
			1	1	22.43	22.03	22.38	20.13	19.73	20.08	19.13	18.73	19.08
			1	104	22.38	22	22.41	20.08	19.7	20.11	19.08	18.7	19.11
			1	105	21.9	21.36	22.14	19.6	19.06	19.84	18.6	18.06	18.84
			50	25	22.33	21.78	22.34	20.03	19.48	20.04	19.03	18.48	19.04
			100	0	22.46	21.81	22.36	20.16	19.51	20.06	19.16	18.51	19.06
	16QAM		1	0	22.09	21.51	21.74	19.79	19.21	19.44	18.79	18.21	18.44
			1	1	22.31	21.89	22.23	20.01	19.59	19.93	19.01	18.59	18.93
			1	104	22.31	22.08	22.47	20.01	19.78	20.17	19.01	18.78	19.17
			1	105	21.69	21.48	22.06	19.39	19.18	19.76	18.39	18.18	18.76
			50	25	22.42	21.88	22.31	20.12	19.58	20.01	19.12	18.58	19.01
			100	0	22.47	21.87	22.46	20.17	19.57	20.16	19.17	18.57	19.16
	64QAM		1	0	21.92	21	21.62	19.62	18.7	19.32	18.62	17.7	18.32
			1	1	22.45	21.51	22.13	20.15	19.21	19.83	19.15	18.21	18.83
			1	104	22.17	21.48	22.46	19.87	19.18	20.16	18.87	18.18	19.16
			1	105	21.64	20.96	21.95	19.34	18.66	19.65	18.34	17.66	18.65
			50	25	22.44	21.82	22.4	20.14	19.52	20.1	19.14	18.52	19.1

			100	0	22.37	21.9	22.5	20.07	19.6	20.2	19.07	18.6	19.2
	256QAM		1	0	21.1	20.34	20.69	18.8	18.04	18.39	17.8	17.04	17.39
			1	1	21.12	20.35	20.7	18.82	18.05	18.4	17.82	17.05	17.4
			1	104	20.81	20.38	21	18.51	18.08	18.7	17.51	17.08	17.7
			1	105	20.7	20.37	20.98	18.4	18.07	18.68	17.4	17.07	17.68
			50	25	20.89	20.36	20.89	18.59	18.06	18.59	17.59	17.06	17.59
			100	0	20.91	20.44	20.81	18.61	18.14	18.51	17.61	17.14	17.51
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					648666	656000	663334	648666	656000	663334	648666	656000	663334
					3730	3840	3950	3730	3840	3950	3730	3840	3950
60	BPSK	30	1	0	21.79	20.99	21.22	19.49	18.69	18.92	18.49	17.69	17.92
			1	1	22.3	21.6	21.69	20	19.3	19.39	19	18.3	18.39
			1	160	21.76	21.59	22.27	19.46	19.29	19.97	18.46	18.29	18.97
			1	161	21.34	21.09	21.71	19.04	18.79	19.41	18.04	17.79	18.41
			81	40	22.06	21.58	22.12	19.76	19.28	19.82	18.76	18.28	18.82
			162	0	22.07	21.55	22.13	19.77	19.25	19.83	18.77	18.25	18.83
	QPSK		1	0	21.77	20.91	21.2	19.47	18.61	18.9	18.47	17.61	17.9
			1	1	22.29	21.62	21.8	19.99	19.32	19.5	18.99	18.32	18.5
			1	160	21.86	21.63	22.27	19.56	19.33	19.97	18.56	18.33	18.97
			1	161	21.36	21.22	21.74	19.06	18.92	19.44	18.06	17.92	18.44
			81	40	22	21.57	22.03	19.7	19.27	19.73	18.7	18.27	18.73
			162	0	22.11	21.59	22.05	19.81	19.29	19.75	18.81	18.29	18.75
	16QAM		1	0	21.59	20.91	21.05	19.29	18.61	18.75	18.29	17.61	17.75
			1	1	22.14	21.47	21.58	19.84	19.17	19.28	18.84	18.17	18.28
			1	160	21.7	21.63	22.15	19.4	19.33	19.85	18.4	18.33	18.85
			1	161	21.23	21	21.5	18.93	18.7	19.2	17.93	17.7	18.2
			81	40	22.02	21.6	22.07	19.72	19.3	19.77	18.72	18.3	18.77
			162	0	22.03	21.57	22.06	19.73	19.27	19.76	18.73	18.27	18.76
	64QAM		1	0	21.5	20.74	20.76	19.2	18.44	18.46	18.2	17.44	17.46
			1	1	22.04	21.31	21.33	19.74	19.01	19.03	18.74	18.01	18.03
			1	160	21.61	21.41	21.88	19.31	19.11	19.58	18.31	18.11	18.58
			1	161	21.02	20.82	21.3	18.72	18.52	19	17.72	17.52	18
			81	40	22.05	21.56	22.08	19.75	19.26	19.78	18.75	18.26	18.78
			162	0	22.12	21.63	22.12	19.82	19.33	19.82	18.82	18.33	18.82
	256QAM		1	0	20.55	19.85	20.05	18.25	17.55	17.75	17.25	16.55	16.75
			1	1	20.61	19.88	20.09	18.31	17.58	17.79	17.31	16.58	16.79
			1	160	20.13	20.01	20.72	17.83	17.71	18.42	16.83	16.71	17.42
			1	161	20.07	19.94	20.65	17.77	17.64	18.35	16.77	16.64	17.35
			81	40	20.45	20.04	20.54	18.15	17.74	18.24	17.15	16.74	17.24
			162	0	20.43	20.05	20.53	18.13	17.75	18.23	17.13	16.75	17.23

Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					649334	656000	662666	649334	656000	662666	649334	656000	662666
					3740	3840	3940	3740	3840	3940	3740	3840	3940
80	BPSK	30	1	0	21.58	20.86	21.2	19.28	18.56	18.9	18.28	17.56	17.9
			1	1	22.14	21.48	21.74	19.84	19.18	19.44	18.84	18.18	18.44
			1	215	21.64	21.53	22.1	19.34	19.23	19.8	18.34	18.23	18.8
			1	216	21.09	21.13	21.69	18.79	18.83	19.39	17.79	17.83	18.39
			108	54	21.85	21.43	22.01	19.55	19.13	19.71	18.55	18.13	18.71
			216	0	21.88	21.48	21.94	19.58	19.18	19.64	18.58	18.18	18.64
	QPSK		1	0	21.55	20.85	21.12	19.25	18.55	18.82	18.25	17.55	17.82
			1	1	22.17	21.47	21.72	19.87	19.17	19.42	18.87	18.17	18.42
			1	215	21.6	21.53	22.1	19.3	19.23	19.8	18.3	18.23	18.8
			1	216	21.09	20.98	21.57	18.79	18.68	19.27	17.79	17.68	18.27
			108	54	21.83	21.42	22.01	19.53	19.12	19.71	18.53	18.12	18.71
			216	0	21.87	21.47	22.04	19.57	19.17	19.74	18.57	18.17	18.74
	16QAM		1	0	21.58	20.72	21.01	19.28	18.42	18.71	18.28	17.42	17.71
			1	1	22.1	21.25	21.64	19.8	18.95	19.34	18.8	17.95	18.34
			1	215	21.52	21.45	22.03	19.22	19.15	19.73	18.22	18.15	18.73
			1	216	21.08	20.8	21.55	18.78	18.5	19.25	17.78	17.5	18.25
			108	54	21.9	21.46	22.07	19.6	19.16	19.77	18.6	18.16	18.77
			216	0	21.91	21.38	21.95	19.61	19.08	19.65	18.61	18.08	18.65
	64QAM		1	0	21.4	20.47	20.8	19.1	18.17	18.5	18.1	17.17	17.5
			1	1	21.93	20.93	21.32	19.63	18.63	19.02	18.63	17.63	18.02
			1	215	21.43	21.28	21.84	19.13	18.98	19.54	18.13	17.98	18.54
			1	216	20.85	20.75	21.29	18.55	18.45	18.99	17.55	17.45	17.99
			108	54	21.89	21.51	21.74	19.59	19.21	19.44	18.59	18.21	18.44
			216	0	21.87	21.42	22.06	19.57	19.12	19.76	18.57	18.12	18.76
	256QAM		1	0	20.4	19.65	19.97	18.1	17.35	17.67	17.1	16.35	16.67
			1	1	20.44	19.69	20.1	18.14	17.39	17.8	17.14	16.39	16.8
			1	215	20.02	19.85	20.33	17.72	17.55	18.03	16.72	16.55	17.03
			1	216	19.87	19.81	20.29	17.57	17.51	17.99	16.57	16.51	16.99
			108	54	20.4	1.92	20.54	18.1	-0.38	18.24	17.1	-1.38	17.24
			216	0	20.39	19.94	20.18	18.09	17.64	17.88	17.09	16.64	16.88
Bandwidth (MHz)	Modulation	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
					650000	656000	662000	650000	656000	662000	650000	656000	662000
					3750	3840	3930	3750	3840	3930	3750	3840	3930
100	BPSK	30	1	0	21.67	20.89	21.05	19.37	18.59	18.75	18.37	17.59	17.75
			1	1	22.19	21.56	21.57	19.89	19.26	19.27	18.89	18.26	18.27
			1	271	21.72	21.74	22.32	19.42	19.44	20.02	18.42	18.44	19.02
			1	272	21.21	21.06	21.77	18.91	18.76	19.47	17.91	17.76	18.47
			135	67	21.84	21.47	21.84	19.54	19.17	19.54	18.54	18.17	18.54
			270	0	21.81	21.52	21.85	19.51	19.22	19.55	18.51	18.22	18.55
	QPSK		1	0	21.68	20.93	21.04	19.38	18.63	18.74	18.38	17.63	17.74

			1	1	22.18	21.48	21.65	19.88	19.18	19.35	18.88	18.18	18.35
			1	271	21.7	21.75	22.34	19.4	19.45	20.04	18.4	18.45	19.04
			1	272	21.21	21.17	21.8	18.91	18.87	19.5	17.91	17.87	18.5
			135	67	21.75	21.37	21.88	19.45	19.07	19.58	18.45	18.07	18.58
			270	0	21.88	21.5	21.89	19.58	19.2	19.59	18.58	18.2	18.59
	16QAM		1	0	21.49	20.8	21.05	19.19	18.5	18.75	18.19	17.5	17.75
			1	1	22.02	21.34	21.44	19.72	19.04	19.14	18.72	18.04	18.14
			1	271	21.63	21.66	22.51	19.33	19.36	20.21	18.33	18.36	19.21
			1	272	21.2	21.4	21.71	18.9	19.1	19.41	17.9	18.1	18.41
			135	67	21.73	21.39	21.89	19.43	19.09	19.59	18.43	18.09	18.59
			270	0	21.81	21.43	21.95	19.51	19.13	19.65	18.51	18.13	18.65
	64QAM		1	0	21.41	20.66	20.61	19.11	18.36	18.31	18.11	17.36	17.31
			1	1	21.93	21.21	21.14	19.63	18.91	18.84	18.63	17.91	17.84
			1	271	21.56	21.52	21.81	19.26	19.22	19.51	18.26	18.22	18.51
			1	272	20.99	20.89	21.38	18.69	18.59	19.08	17.69	17.59	18.08
			135	67	21.86	21.4	21.65	19.56	19.1	19.35	18.56	18.1	18.35
			270	0	21.88	21.45	22.02	19.58	19.15	19.72	18.58	18.15	18.72
	256QAM		1	0	20.49	19.83	19.93	18.19	17.53	17.63	17.19	16.53	16.63
			1	1	20.52	19.76	19.97	18.22	17.46	17.67	17.22	16.46	16.67
			1	271	20.1	20.03	20.65	17.8	17.73	18.35	16.8	16.73	17.35
			1	272	20.08	20.08	20.61	17.78	17.78	18.31	16.78	16.78	17.31
			135	67	20.29	19.93	20.06	17.99	17.63	17.76	16.99	16.63	16.76
			270	0	20.34	20.07	20.38	18.04	17.77	18.08	17.04	16.77	17.08

DC_2A-n77A subset 1														
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 5 EIRP (dBm)			Antenna 10 EIRP (dBm)		
						630666	633334	635998	630666	633334	635998	630666	633334	635998
						3460	3500	3540	3460	3500	3540	3460	3500	3540
20	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.5	21.29	21.33	19.20	18.99	19.03	18.20	17.99	18.03
				1	1	22.09	21.96	21.88	19.79	19.66	19.58	18.79	18.66	18.58
				1	49	22.05	21.74	21.89	19.75	19.44	19.59	18.75	18.44	18.59
				1	50	21.42	21.25	21.3	19.12	18.95	19.00	18.12	17.95	18.00
				25	12	22.09	21.86	21.92	19.79	19.56	19.62	18.79	18.56	18.62
				50	0	22.02	21.84	21.87	19.72	19.54	19.57	18.72	18.54	18.57
	QPSK			1	0	21.68	21.53	21.3	19.38	19.23	19.00	18.38	18.23	18.00
				1	1	22.06	21.77	21.95	19.76	19.47	19.65	18.76	18.47	18.65
				1	49	22.02	21.86	22.01	19.72	19.56	19.71	18.72	18.56	18.71
				1	50	21.56	21.27	21.45	19.26	18.97	19.15	18.26	17.97	18.15
				25	12	22.08	21.84	21.84	19.78	19.54	19.54	18.78	18.54	18.54
				50	0	22.11	21.87	21.92	19.81	19.57	19.62	18.81	18.57	18.62
	16QAM			1	0	21.65	21.35	21.37	19.35	19.05	19.07	18.35	18.05	18.07

				1	1	22.15	21.87	21.86	19.85	19.57	19.56	18.85	18.57	18.56
				1	49	22.11	21.97	22.01	19.81	19.67	19.71	18.81	18.67	18.71
				1	50	21.4	21.36	21.51	19.10	19.06	19.21	18.10	18.06	18.21
				25	12	22.06	21.84	21.92	19.76	19.54	19.62	18.76	18.54	18.62
				50	0	22.03	21.86	21.34	19.73	19.56	19.04	18.73	18.56	18.04
				1	0	20.46	20.21	19.4	18.16	17.91	17.10	17.16	16.91	16.10
				1	1	20.37	20.11	20.1	18.07	17.81	17.80	17.07	16.81	16.80
				1	49	20.34	20.21	19.95	18.04	17.91	17.65	17.04	16.91	16.65
				1	50	20.42	19.8	19.42	18.12	17.50	17.12	17.12	16.50	16.12
				25	12	20.49	19.7	19.36	18.19	17.40	17.06	17.19	16.40	16.06
				50	0	20.54	19.94	19.82	18.24	17.64	17.52	17.24	16.64	16.52
				1	0	20.36	20.1	19.54	18.06	17.80	17.24	17.06	16.80	16.24
				1	1	20.38	20.14	20.05	18.08	17.84	17.75	17.08	16.84	16.75
				1	49	20.34	20.14	19.89	18.04	17.84	17.59	17.04	16.84	16.59
				1	50	20.31	19.61	19.36	18.01	17.31	17.06	17.01	16.31	16.06
				25	12	20.41	19.62	19.35	18.11	17.32	17.05	17.11	16.32	16.05
				50	0	20.55	20.18	19.78	18.25	17.88	17.48	17.25	16.88	16.48
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						631332	633334	635332	631332	633334	635332	631332	633334	635332
						3470	3500	3530	3470	3500	3530	3470	3500	3530
40	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.89	21.74	21.74	19.59	19.44	19.44	18.59	18.44	18.44
				1	1	22.38	22.13	22.21	20.08	19.83	19.91	19.08	18.83	18.91
				1	104	22.35	22.26	22.23	20.05	19.96	19.93	19.05	18.96	18.93
				1	105	21.87	21.44	21.69	19.57	19.14	19.39	18.57	18.14	18.39
				50	25	22.09	21.93	22.01	19.79	19.63	19.71	18.79	18.63	18.71
				100	0	22.06	22.09	22.05	19.76	19.79	19.75	18.76	18.79	18.75
	QPSK			1	0	21.92	21.66	21.49	19.62	19.36	19.19	18.62	18.36	18.19
				1	1	22.46	22.16	22.16	20.16	19.86	19.86	19.16	18.86	18.86
				1	104	22.33	22.19	22.26	20.03	19.89	19.96	19.03	18.89	18.96
				1	105	21.71	21.65	21.64	19.41	19.35	19.34	18.41	18.35	18.34
				50	25	22.09	22.03	22.09	19.79	19.73	19.79	18.79	18.73	18.79
				100	0	22.12	22.04	22.01	19.82	19.74	19.71	18.82	18.74	18.71
	16QAM			1	0	21.86	21.79	21.53	19.56	19.49	19.23	18.56	18.49	18.23
				1	1	22.36	22.28	22.11	20.06	19.98	19.81	19.06	18.98	18.81
				1	104	22.21	22.3	22.22	19.91	20.00	19.92	18.91	19.00	18.92
				1	105	21.81	21.82	21.73	19.51	19.52	19.43	18.51	18.52	18.43
				50	25	22.07	22.02	22.02	19.77	19.72	19.72	18.77	18.72	18.72
				100	0	22.15	22.01	21.76	19.85	19.71	19.46	18.85	18.71	18.46
	64QAM			1	0	20.57	20.48	20.06	18.27	18.18	17.76	17.27	17.18	16.76
				1	1	21.58	20.46	20.07	19.28	18.16	17.77	18.28	17.16	16.77
				1	104	20.28	19.54	19.56	17.98	17.24	17.26	16.98	16.24	16.26
				1	105	20.27	20.88	19.55	17.97	18.58	17.25	16.97	17.58	16.25
				50	25	20.54	21.21	19.33	18.24	18.91	17.03	17.24	17.91	16.03

				100	0	20.65	21.74	19.78	18.35	19.44	17.48	17.35	18.44	16.48
	256QAM			1	0	20.66	21.32	19.96	18.36	19.02	17.66	17.36	18.02	16.66
				1	1	20.67	21.73	19.96	18.37	19.43	17.66	17.37	18.43	16.66
				1	104	20.37	20.86	19.47	18.07	18.56	17.17	17.07	17.56	16.17
				1	105	20.36	20.86	19.45	18.06	18.56	17.15	17.06	17.56	16.15
				50	25	20.58	21.24	19.31	18.28	18.94	17.01	17.28	17.94	16.01
				100	0	20.65	21.45	19.93	18.35	19.15	17.63	17.35	18.15	16.63
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						632000	633334	634666	632000	633334	634666	632000	633334	634666
						3480	3500	3520	3480	3500	3520	3480	3500	3520
60	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.37	21.22	21.26	19.07	18.92	18.96	18.07	17.92	17.96
				1	1	22	21.88	21.81	19.70	19.58	19.51	18.70	18.58	18.51
				1	160	21.79	21.92	21.95	19.49	19.62	19.65	18.49	18.62	18.65
				1	161	21.43	21.38	21.24	19.13	19.08	18.94	18.13	18.08	17.94
				81	40	21.86	21.73	21.82	19.56	19.43	19.52	18.56	18.43	18.52
				162	0	21.91	21.85	21.81	19.61	19.55	19.51	18.61	18.55	18.51
	QPSK			1	0	21.49	21.35	21.29	19.19	19.05	18.99	18.19	18.05	17.99
				1	1	22.02	21.85	21.76	19.72	19.55	19.46	18.72	18.55	18.46
				1	160	21.92	21.76	21.89	19.62	19.46	19.59	18.62	18.46	18.59
				1	161	21.36	21.31	21.35	19.06	19.01	19.05	18.06	18.01	18.05
				81	40	21.89	21.76	21.81	19.59	19.46	19.51	18.59	18.46	18.51
				162	0	21.93	21.86	21.79	19.63	19.56	19.49	18.63	18.56	18.49
	16QAM			1	0	21.51	21.33	21.23	19.21	19.03	18.93	18.21	18.03	17.93
				1	1	22.14	21.85	21.84	19.84	19.55	19.54	18.84	18.55	18.54
				1	160	22.1	21.91	21.9	19.80	19.61	19.60	18.80	18.61	18.60
				1	161	21.38	21.36	21.3	19.08	19.06	19.00	18.08	18.06	18.00
				81	40	21.9	21.81	21.84	19.60	19.51	19.54	18.60	18.51	18.54
				162	0	21.96	21.8	21.83	19.66	19.50	19.53	18.66	18.50	18.53
	64QAM			1	0	21.15	20.72	20.07	18.85	18.42	17.77	17.85	17.42	16.77
				1	1	21.7	21.37	20.11	19.40	19.07	17.81	18.40	18.07	16.81
				1	160	21.59	21.05	19.92	19.29	18.75	17.62	18.29	17.75	16.62
				1	161	21.04	20.78	19.86	18.74	18.48	17.56	17.74	17.48	16.56
				81	40	21.88	21.23	19.48	19.58	18.93	17.18	18.58	17.93	16.18
				162	0	21.86	21.85	20.12	19.56	19.55	17.82	18.56	18.55	16.82
	256QAM			1	0	21.14	20.08	20.15	18.84	17.78	17.85	17.84	16.78	16.85
				1	1	21.7	20.13	20.06	19.40	17.83	17.76	18.40	16.83	16.76
				1	160	21.55	19.37	19.88	19.25	17.07	17.58	18.25	16.07	16.58
				1	161	20.98	19.3	19.82	18.68	17.00	17.52	17.68	16.00	16.52
				81	40	21.93	19.74	19.53	19.63	17.44	17.23	18.63	16.44	16.23
				162	0	21.89	20.3	20.13	19.59	18.00	17.83	18.59	17.00	16.83

Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						632666	633334	633998	632666	633334	633998	632666	633334	633998
						3490	3500	3510	3490	3500	3510	3490	3500	3510
80	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.33	21.15	21.25	19.03	18.85	18.95	18.03	17.85	17.95
				1	1	21.83	21.9	21.36	19.53	19.60	19.06	18.53	18.60	18.06
				1	215	21.43	21.53	21.74	19.13	19.23	19.44	18.13	18.23	18.44
				1	216	21.11	21.13	21.22	18.81	18.83	18.92	17.81	17.83	17.92
				108	54	21.68	21.7	21.62	19.38	19.40	19.32	18.38	18.40	18.32
				216	0	21.71	21.67	21.66	19.41	19.37	19.36	18.41	18.37	18.36
	QPSK			1	0	21.39	21.3	21.19	19.09	19.00	18.89	18.09	18.00	17.89
				1	1	21.78	21.8	21.35	19.48	19.50	19.05	18.48	18.50	18.05
				1	215	21.31	21.61	21.75	19.01	19.31	19.45	18.01	18.31	18.45
				1	216	21.06	21.05	21.19	18.76	18.75	18.89	17.76	17.75	17.89
				108	54	21.59	21.62	21.69	19.29	19.32	19.39	18.29	18.32	18.39
				216	0	21.47	21.68	21.63	19.17	19.38	19.33	18.17	18.38	18.33
	16QAM			1	0	21.34	21.33	21.33	19.04	19.03	19.03	18.04	18.03	18.03
				1	1	21.84	21.84	21.81	19.54	19.54	19.51	18.54	18.54	18.51
				1	215	21.63	21.68	21.84	19.33	19.38	19.54	18.33	18.38	18.54
				1	216	21.04	21.08	21.26	18.74	18.78	18.96	17.74	17.78	17.96
				108	54	21.67	21.63	21.61	19.37	19.33	19.31	18.37	18.33	18.31
				216	0	21.73	21.74	21.66	19.43	19.44	19.36	18.43	18.44	18.36
	64QAM			1	0	20.84	20.79	20.73	18.54	18.49	18.43	17.54	17.49	17.43
				1	1	21.36	21.34	21.24	19.06	19.04	18.94	18.06	18.04	17.94
				1	215	21.13	20.5	21.28	18.83	18.20	18.98	17.83	17.20	17.98
				1	216	20.66	20.39	20.64	18.36	18.09	18.34	17.36	17.09	17.34
				108	54	21.64	21.61	21.19	19.34	19.31	18.89	18.34	18.31	17.89
				216	0	21.44	21.47	21.35	19.14	19.17	19.05	18.14	18.17	18.05
	256QAM			1	0	20.04	20.03	19.96	17.74	17.73	17.66	16.74	16.73	16.66
				1	1	20.09	20.06	20.01	17.79	17.76	17.71	16.79	16.76	16.71
				1	215	19.88	19.87	20.02	17.58	17.57	17.72	16.58	16.57	16.72
				1	216	19.89	20.06	19.95	17.59	17.76	17.65	16.59	16.76	16.65
				108	54	20.09	20.14	19.69	17.79	17.84	17.39	16.79	16.84	16.39
				216	0	20.16	20.21	20.16	17.86	17.91	17.86	16.86	16.91	16.86
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						N/A	633334	N/A	N/A	633334	N/A	N/A	633334	N/A
						N/A	3500	N/A	N/A	3500	N/A	N/A	3500	N/A
100	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	/	21.63	/	/	19.33	/	/	18.33	/
				1	1	/	22.19	/	/	19.89	/	/	18.89	/
				1	271	/	22.23	/	/	19.93	/	/	18.93	/
				1	272	/	21.68	/	/	19.38	/	/	18.38	/
				135	67	/	22.01	/	/	19.71	/	/	18.71	/
				270	0	/	22.04	/	/	19.74	/	/	18.74	/
	QPSK			1	0	/	21.74	/	/	19.44	/	/	18.44	/

				1	1	/	22.31	/	/	20.01	/	/	19.01	/
				1	271	/	22.18	/	/	19.88	/	/	18.88	/
				1	272	/	21.7	/	/	19.40	/	/	18.40	/
				135	67	/	22.06	/	/	19.76	/	/	18.76	/
				270	0	/	22.13	/	/	19.83	/	/	18.83	/
	16QAM			1	0	/	21.72	/	/	19.42	/	/	18.42	/
				1	1	/	22.3	/	/	20.00	/	/	19.00	/
				1	271	/	22.31	/	/	20.01	/	/	19.01	/
				1	272	/	21.77	/	/	19.47	/	/	18.47	/
				135	67	/	21.95	/	/	19.65	/	/	18.65	/
				270	0	/	22.08	/	/	19.78	/	/	18.78	/
	64QAM			1	0	/	21.41	/	/	19.11	/	/	18.11	/
				1	1	/	21.91	/	/	19.61	/	/	18.61	/
				1	271	/	21.66	/	/	19.36	/	/	18.36	/
				1	272	/	21.44	/	/	19.14	/	/	18.14	/
				135	67	/	21.84	/	/	19.54	/	/	18.54	/
				270	0	/	22.11	/	/	19.81	/	/	18.81	/
	256QAM			1	0	/	20.56	/	/	18.26	/	/	17.26	/
				1	1	/	20.42	/	/	18.12	/	/	17.12	/
				1	271	/	20.56	/	/	18.26	/	/	17.26	/
				1	272	/	20.53	/	/	18.23	/	/	17.23	/
				135	67	/	20.26	/	/	17.96	/	/	16.96	/
				270	0	/	20.53	/	/	18.23	/	/	17.23	/

DC_2A-n77A subset 2														
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Allocation	RB Offset	Maximum Output Power(dBm)			Antenna 5 EIRP (dBm)			Antenna 10 EIRP (dBm)		
						647334	656000	664666	647334	656000	664666	647334	656000	664666
						3710	3840	3970	3710	3840	3970	3710	3840	3970
20	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.91	21.38	21.47	19.61	19.08	19.17	18.61	18.08	18.17
				1	1	22.39	21.9	22.01	20.09	19.60	19.71	19.09	18.60	18.71
				1	49	22.43	21.76	22.05	20.13	19.46	19.75	19.13	18.46	18.75
				1	50	21.83	21.26	21.34	19.53	18.96	19.04	18.53	17.96	18.04
				25	12	22.38	21.83	21.95	20.08	19.53	19.65	19.08	18.53	18.65
				50	0	22.45	21.85	22.05	20.15	19.55	19.75	19.15	18.55	18.75
	QPSK			1	0	21.76	21.31	21.43	19.46	19.01	19.13	18.46	18.01	18.13
				1	1	22.35	21.83	21.9	20.05	19.53	19.60	19.05	18.53	18.60
				1	49	22.34	21.83	21.96	20.04	19.53	19.66	19.04	18.53	18.66
				1	50	21.82	21.31	21.45	19.52	19.01	19.15	18.52	18.01	18.15
				25	12	22.46	21.87	21.96	20.16	19.57	19.66	19.16	18.57	18.66
				50	0	22.41	21.87	22.02	20.11	19.57	19.72	19.11	18.57	18.72
	16QAM			1	0	21.86	21.34	21.47	19.56	19.04	19.17	18.56	18.04	18.17

				1	1	22.36	21.83	22.08	20.06	19.53	19.78	19.06	18.53	18.78
				1	49	22.44	21.83	22.01	20.14	19.53	19.71	19.14	18.53	18.71
				1	50	21.92	21.33	21.49	19.62	19.03	19.19	18.62	18.03	18.19
				25	12	22.39	21.88	22.04	20.09	19.58	19.74	19.09	18.58	18.74
				50	0	22.36	21.8	21.99	20.06	19.50	19.69	19.06	18.50	18.69
				1	0	21.45	20.92	21.16	19.15	18.62	18.86	18.15	17.62	17.86
				1	1	21.98	21.43	21.51	19.68	19.13	19.21	18.68	18.13	18.21
				1	49	21.87	21.35	21.7	19.57	19.05	19.40	18.57	18.05	18.40
	64QAM			1	50	21.41	20.83	21.22	19.11	18.53	18.92	18.11	17.53	17.92
				25	12	22.47	21.92	22.06	20.17	19.62	19.76	19.17	18.62	18.76
				50	0	22.44	21.8	22.06	20.14	19.50	19.76	19.14	18.50	18.76
				1	0	20.78	20.15	20.12	18.48	17.85	17.82	17.48	16.85	16.82
				1	1	20.7	20.17	20.15	18.40	17.87	17.85	17.40	16.87	16.85
				1	49	20.67	20.12	20.27	18.37	17.82	17.97	17.37	16.82	16.97
	256QAM			1	50	20.71	20.09	20.25	18.41	17.79	17.95	17.41	16.79	16.95
				25	12	20.8	20.24	20.47	18.50	17.94	18.17	17.50	16.94	17.17
				50	0	20.94	20.31	20.49	18.64	18.01	18.19	17.64	17.01	17.19
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS(KHz)	RB Alloca tion	RB Off set	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						648000	656000	664000	648000	656000	664000	648000	656000	664000
						3720	3840	3960	3720	3840	3960	3720	3840	3960
				1	0	21.76	21.49	21.52	19.46	19.19	19.22	18.46	18.19	18.22
				1	1	22.25	22.09	22.04	19.95	19.79	19.74	18.95	18.79	18.74
				1	104	22.32	21.96	22.33	20.02	19.66	20.03	19.02	18.66	19.03
	BPSK			1	105	21.81	21.54	21.76	19.51	19.24	19.46	18.51	18.24	18.46
				50	25	22.14	21.96	21.99	19.84	19.66	19.69	18.84	18.66	18.69
				100	0	22.2	22.06	22.05	19.90	19.76	19.75	18.90	18.76	18.75
				1	0	21.79	21.49	21.67	19.49	19.19	19.37	18.49	18.19	18.37
				1	1	22.28	21.99	22.04	19.98	19.69	19.74	18.98	18.69	18.74
				1	104	22.33	21.96	22.2	20.03	19.66	19.90	19.03	18.66	18.90
	QPSK			1	105	21.76	21.46	21.74	19.46	19.16	19.44	18.46	18.16	18.44
				50	25	22.18	21.91	21.98	19.88	19.61	19.68	18.88	18.61	18.68
40		Band2-5MHz-1880MHz-QPSK-1#0	30	100	0	22.17	22.03	22.02	19.87	19.73	19.72	18.87	18.73	18.72
				1	0	21.72	21.6	21.63	19.42	19.30	19.33	18.42	18.30	18.33
				1	1	22.23	22.09	22.03	19.93	19.79	19.73	18.93	18.79	18.73
				1	104	22.24	22.08	22.32	19.94	19.78	20.02	18.94	18.78	19.02
	16QAM			1	105	21.73	21.57	21.8	19.43	19.27	19.50	18.43	18.27	18.50
				50	25	22.14	21.92	21.94	19.84	19.62	19.64	18.84	18.62	18.64
				100	0	22.24	21.98	22.03	19.94	19.68	19.73	18.94	18.68	18.73
				1	0	21.47	21.08	21.21	19.17	18.78	18.91	18.17	17.78	17.91
				1	1	21.89	21.6	21.73	19.59	19.30	19.43	18.59	18.30	18.43
	64QAM			1	104	21.99	21.51	21.99	19.69	19.21	19.69	18.69	18.21	18.69
				1	105	21.46	21.08	21.49	19.16	18.78	19.19	18.16	17.78	18.19
				50	25	22.3	21.92	22.01	20.00	19.62	19.71	19.00	18.62	18.71

				100	0	22.23	22	22.06	19.93	19.70	19.76	18.93	18.70	18.76
	256QAM			1	0	20.54	20.45	20.43	18.24	18.15	18.13	17.24	17.15	17.13
				1	1	20.57	20.47	20.4	18.27	18.17	18.10	17.27	17.17	17.10
				1	104	20.68	20.36	20.68	18.38	18.06	18.38	17.38	17.06	17.38
				1	105	20.64	20.36	20.66	18.34	18.06	18.36	17.34	17.06	17.36
				50	25	20.67	20.48	20.5	18.37	18.18	18.20	17.37	17.18	17.20
				100	0	20.78	20.37	20.52	18.48	18.07	18.22	17.48	17.07	17.22
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						648666	656000	663334	648666	656000	663334	648666	656000	663334
						3730	3840	3950	3730	3840	3950	3730	3840	3950
60	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.86	21.14	21.01	19.56	18.84	18.71	18.56	17.84	17.71
				1	1	22.41	21.84	21.63	20.11	19.54	19.33	19.11	18.54	18.33
				1	160	22.11	21.71	21.88	19.81	19.41	19.58	18.81	18.41	18.58
				1	161	21.44	21.17	21.39	19.14	18.87	19.09	18.14	17.87	18.09
				81	40	22.18	21.72	21.83	19.88	19.42	19.53	18.88	18.42	18.53
				162	0	22.17	21.77	21.68	19.87	19.47	19.38	18.87	18.47	18.38
	QPSK			1	0	21.8	21.27	20.93	19.50	18.97	18.63	18.50	17.97	17.63
				1	1	22.47	21.82	21.61	20.17	19.52	19.31	19.17	18.52	18.31
				1	160	22.05	21.76	21.99	19.75	19.46	19.69	18.75	18.46	18.69
				1	161	21.5	21.2	21.37	19.20	18.90	19.07	18.20	17.90	18.07
				81	40	22.29	21.77	21.68	19.99	19.47	19.38	18.99	18.47	18.38
				162	0	22.16	21.75	21.74	19.86	19.45	19.44	18.86	18.45	18.44
	16QAM			1	0	21.83	21.43	21.05	19.53	19.13	18.75	18.53	18.13	17.75
				1	1	22.47	22.07	21.59	20.17	19.77	19.29	19.17	18.77	18.29
				1	160	22.16	21.91	21.92	19.86	19.61	19.62	18.86	18.61	18.62
				1	161	21.6	21.33	21.33	19.30	19.03	19.03	18.30	18.03	18.03
				81	40	22.21	21.7	21.48	19.91	19.40	19.18	18.91	18.40	18.18
				162	0	22.26	21.8	21.71	19.96	19.50	19.41	18.96	18.50	18.41
	64QAM			1	0	21.39	20.78	20.56	19.09	18.48	18.26	18.09	17.48	17.26
				1	1	21.95	21.33	21.04	19.65	19.03	18.74	18.65	18.03	17.74
				1	160	21.65	21.24	21.39	19.35	18.94	19.09	18.35	17.94	18.09
				1	161	21.08	20.64	20.9	18.78	18.34	18.60	17.78	17.34	17.60
				81	40	22.25	21.69	21.74	19.95	19.39	19.44	18.95	18.39	18.44
				162	0	22.21	21.77	21.73	19.91	19.47	19.43	18.91	18.47	18.43
	256QAM			1	0	20.7	20.06	19.79	18.40	17.76	17.49	17.40	16.76	16.49
				1	1	20.66	20.13	19.83	18.36	17.83	17.53	17.36	16.83	16.53
				1	160	20.43	19.95	20.17	18.13	17.65	17.87	17.13	16.65	16.87
				1	161	20.37	19.89	20.1	18.07	17.59	17.80	17.07	16.59	16.80
				81	40	20.72	20.24	20.26	18.42	17.94	17.96	17.42	16.94	16.96
				162	0	20.66	20.2	20.17	18.36	17.90	17.87	17.36	16.90	16.87

Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						649334	656000	662666	649334	656000	662666	649334	656000	662666
						3740	3840	3940	3740	3840	3940	3740	3840	3940
80	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	21.7	21.06	20.94	19.40	18.76	18.64	18.40	17.76	17.64
				1	1	22.17	21.71	21.53	19.87	19.41	19.23	18.87	18.41	18.23
				1	215	21.9	21.51	21.87	19.60	19.21	19.57	18.60	18.21	18.57
				1	216	21.43	21.05	21.37	19.13	18.75	19.07	18.13	17.75	18.07
				108	54	22.19	21.52	21.76	19.89	19.22	19.46	18.89	18.22	18.46
				216	0	22.12	21.58	21.61	19.82	19.28	19.31	18.82	18.28	18.31
	QPSK			1	0	21.7	21.22	21.02	19.40	18.92	18.72	18.40	17.92	17.72
				1	1	22.25	21.74	21.52	19.95	19.44	19.22	18.95	18.44	18.22
				1	215	21.97	21.56	21.93	19.67	19.26	19.63	18.67	18.26	18.63
				1	216	21.52	20.99	21.33	19.22	18.69	19.03	18.22	17.69	18.03
				108	54	22.1	21.54	21.76	19.80	19.24	19.46	18.80	18.24	18.46
				216	0	22.15	21.57	21.62	19.85	19.27	19.32	18.85	18.27	18.32
	16QAM			1	0	21.84	21.4	21.05	19.54	19.10	18.75	18.54	18.10	17.75
				1	1	22.37	21.83	21.65	20.07	19.53	19.35	19.07	18.53	18.35
				1	215	22.19	21.78	21.93	19.89	19.48	19.63	18.89	18.48	18.63
				1	216	21.61	21	21.38	19.31	18.70	19.08	18.31	17.70	18.08
				108	54	22.17	21.56	21.6	19.87	19.26	19.30	18.87	18.26	18.30
				216	0	22.19	21.56	21.69	19.89	19.26	19.39	18.89	18.26	18.39
	64QAM			1	0	21.2	20.72	20.7	18.90	18.42	18.40	17.90	17.42	17.40
				1	1	21.65	21.18	21.24	19.35	18.88	18.94	18.35	17.88	17.94
				1	215	21.56	21.1	21.53	19.26	18.80	19.23	18.26	17.80	18.23
				1	216	20.99	20.57	21	18.69	18.27	18.70	17.69	17.27	17.70
				108	54	22.21	21.56	21.37	19.91	19.26	19.07	18.91	18.26	18.07
				216	0	22.14	21.5	21.66	19.84	19.20	19.36	18.84	18.20	18.36
	256QAM			1	0	20.55	20.04	19.89	18.25	17.74	17.59	17.25	16.74	16.59
				1	1	20.5	20.09	19.94	18.20	17.79	17.64	17.20	16.79	16.64
				1	215	20.32	19.89	20.23	18.02	17.59	17.93	17.02	16.59	16.93
				1	216	20.27	19.86	20.16	17.97	17.56	17.86	16.97	16.56	16.86
				108	54	20.69	20.05	19.86	18.39	17.75	17.56	17.39	16.75	16.56
				216	0	20.69	20.09	20.2	18.39	17.79	17.90	17.39	16.79	16.90
Bandwidth (MHz)	Modulation	Modulation (LTE)	SCS (KHz)	RB Allocation	RB Offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)			Channel/Frequency(MHz)		
						650000	656000	662000	650000	656000	662000	650000	656000	662000
						3750	3840	3930	3750	3840	3930	3750	3840	3930
100	BPSK	Band2-5MHz-1880MHz-QPSK-1#0	30	1	0	22.06	21.43	21.33	19.76	19.13	19.03	18.76	18.13	18.03
				1	1	22.66	22.13	21.85	20.36	19.83	19.55	19.36	18.83	18.55
				1	271	22.37	22.09	22.46	20.07	19.79	20.16	19.07	18.79	19.16
				1	272	21.7	21.44	21.8	19.40	19.14	19.50	18.40	18.14	18.50
				135	67	22.46	21.87	21.99	20.16	19.57	19.69	19.16	18.57	18.69
				270	0	22.44	21.89	21.87	20.14	19.59	19.57	19.14	18.59	18.57
	QPSK			1	0	22.12	21.6	21.34	19.82	19.30	19.04	18.82	18.30	18.04

				1	1	22.74	22.11	21.82	20.44	19.81	19.52	19.44	18.81	18.52
				1	271	22.24	22.06	22.44	19.94	19.76	20.14	18.94	18.76	19.14
				1	272	21.82	21.49	21.82	19.52	19.19	19.52	18.52	18.19	18.52
				135	67	22.45	21.9	22.01	20.15	19.60	19.71	19.15	18.60	18.71
				270	0	22.43	21.93	22.08	20.13	19.63	19.78	19.13	18.63	18.78
	16QAM			1	0	22.35	21.57	21.31	20.05	19.27	19.01	19.05	18.27	18.01
				1	1	22.86	22.09	21.9	20.56	19.79	19.60	19.56	18.79	18.60
				1	271	22.57	22.02	22.45	20.27	19.72	20.15	19.27	18.72	19.15
				1	272	21.88	21.46	21.84	19.58	19.16	19.54	18.58	18.16	18.54
				135	67	22.42	21.89	22.01	20.12	19.59	19.71	19.12	18.59	18.71
				270	0	22.41	21.95	22.02	20.11	19.65	19.72	19.11	18.65	18.72
	64QAM			1	0	21.67	21.04	20.9	19.37	18.74	18.60	18.37	17.74	17.60
				1	1	22.11	21.6	21.44	19.81	19.30	19.14	18.81	18.30	18.14
				1	271	21.82	21.63	21.86	19.52	19.33	19.56	18.52	18.33	18.56
				1	272	21.27	21.08	21.42	18.97	18.78	19.12	17.97	17.78	18.12
				135	67	22.4	21.95	21.92	20.10	19.65	19.62	19.10	18.65	18.62
				270	0	22.45	21.91	22.02	20.15	19.61	19.72	19.15	18.61	18.72
	256QAM			1	0	20.8	20.34	20.09	18.50	18.04	17.79	17.50	17.04	16.79
				1	1	20.83	20.38	20.13	18.53	18.08	17.83	17.53	17.08	16.83
				1	271	20.62	20.18	20.75	18.32	17.88	18.45	17.32	16.88	17.45
				1	272	20.48	20.13	20.7	18.18	17.83	18.40	17.18	16.83	17.40
				135	67	20.86	20.36	20.39	18.56	18.06	18.09	17.56	17.06	17.09
				270	0	20.96	20.42	20.52	18.66	18.12	18.22	17.66	17.12	17.22

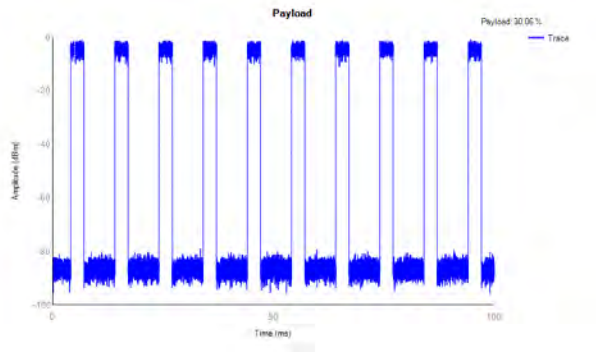
Power Spectral Density and Duty Cycle for LTE Band 40

Band	RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Duty Cycle
LTE Band 40 Subset 1	100%	QPSK	5	38725	2307.5	30.06%
				38750	2310	30.05%
				38775	2312.5	29.99%
			10	38750	2310	30.00%
		16QAM	5	38725	2307.5	30.00%
				38750	2310	30.05%
				38775	2312.5	30.05%
			10	38750	2310	30.06%
		64QAM	5	38725	2307.5	30.05%
				38750	2310	30.05%
				38775	2312.5	30.06%
			10	38750	2310	29.99%

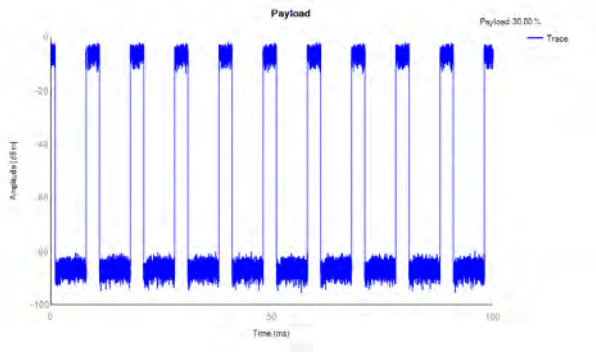
Band	RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Duty Cycle
LTE Band 40 Subset 2	100%	QPSK	5	39175	2352.5	30.06%
				39200	2355	30.06%
				39225	2357.5	29.99%
			10	39200	2355	30.05%
		16QAM	5	39175	2352.5	30.05%
				39200	2355	30.00%
				39225	2357.5	30.05%
			10	39200	2355	30.00%
		64QAM	5	39175	2352.5	30.05%
				39200	2355	30.00%
				39225	2357.5	30.00%
			10	39200	2355	29.99%

Duty Cycle

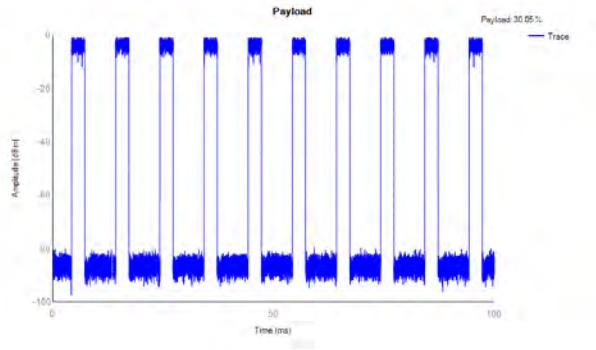
LTE Band 40 Subset 1 QPSK 5MHz CH-Low



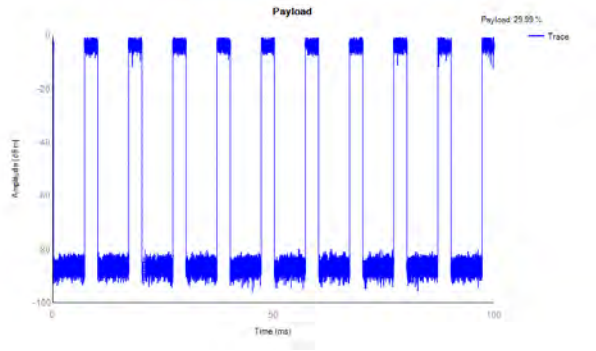
LTE Band 40 Subset 1 QPSK 10MHz



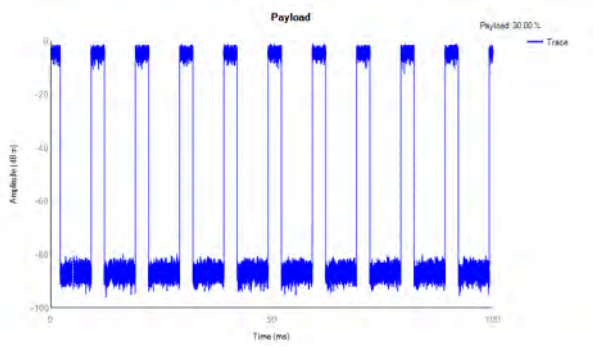
LTE Band 40 Subset 1 QPSK 5MHz CH-Middle



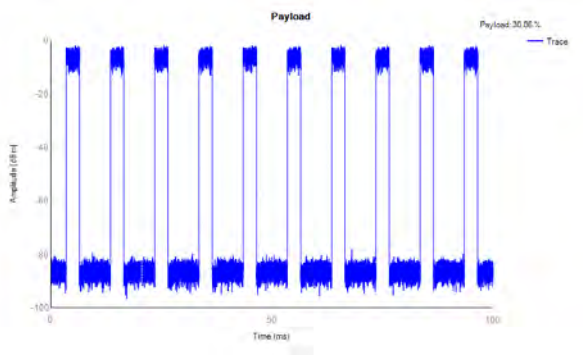
LTE Band 40 Subset 1 QPSK 5MHz CH-High



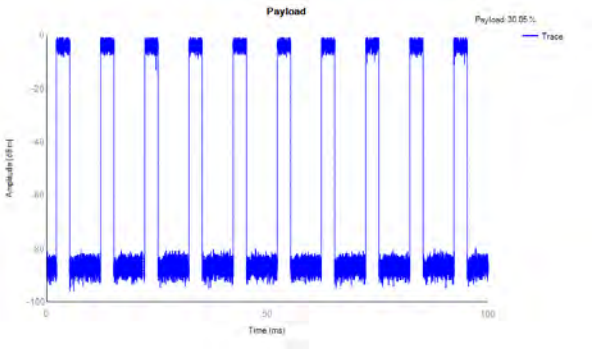
LTE Band 40 Subset 1 16QAM 5MHz CH-Low



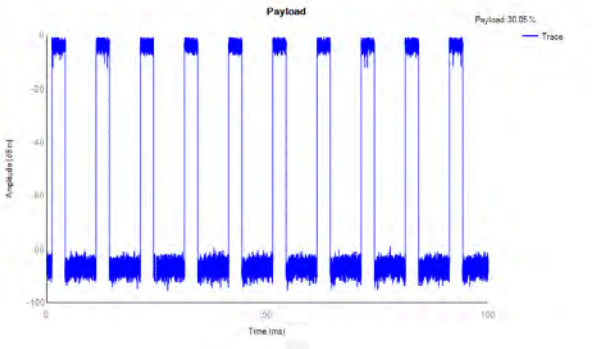
LTE Band 40 Subset 1 16QAM 10MHz



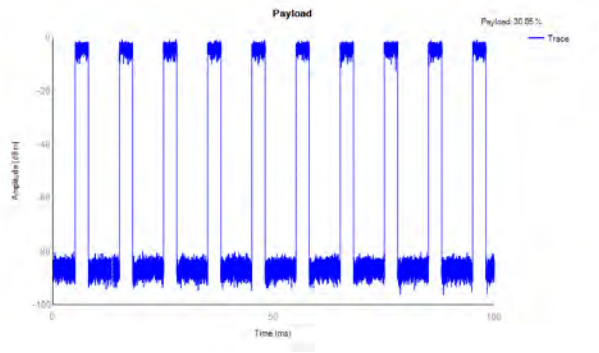
LTE Band 40 Subset 1 16QAM 5MHz CH-Middle



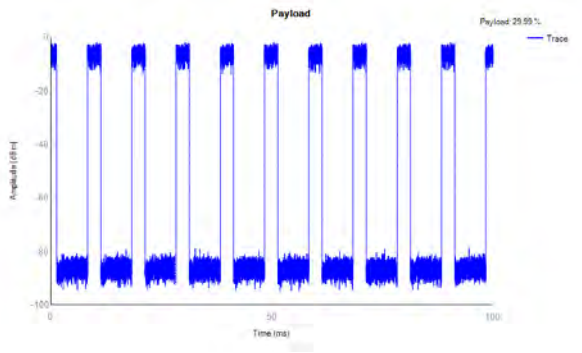
LTE Band 40 Subset 1 16QAM 5MHz CH-High



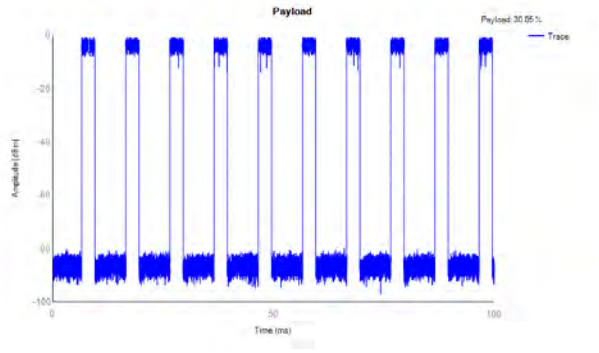
LTE Band 40 Subset 1 64QAM 5MHz CH-Low



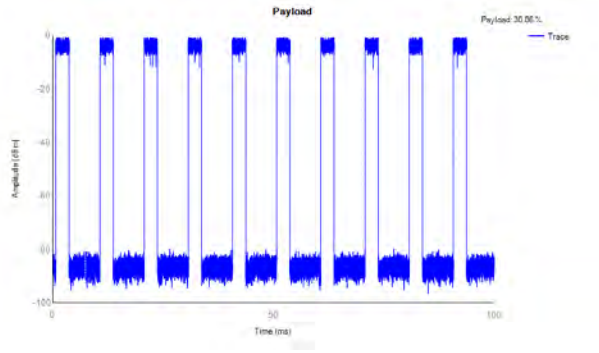
LTE Band 40 Subset 1 64QAM 10MHz



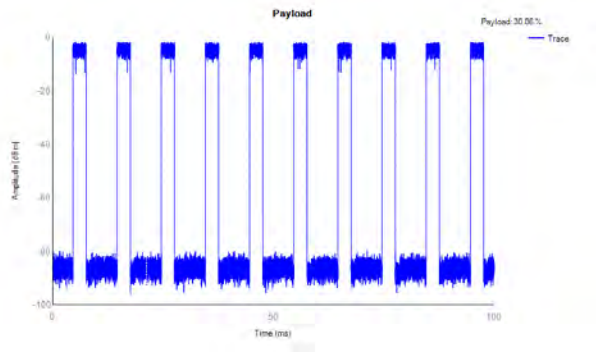
LTE Band 40 Subset 1 64QAM 5MHz CH-Middle



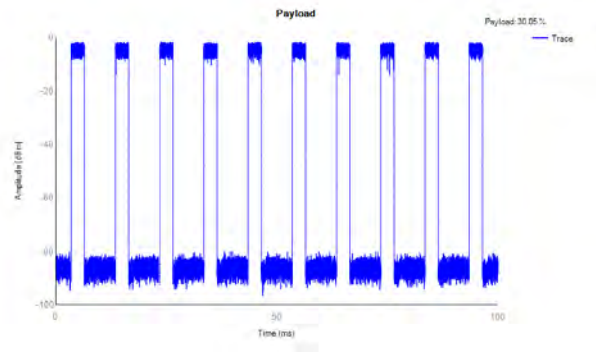
LTE Band 40 Subset 1 64QAM 5MHz CH-High



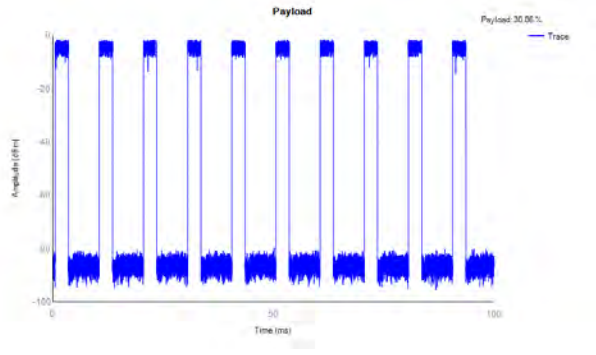
LTE Band 40 Subset 2 QPSK 5MHz CH-Low



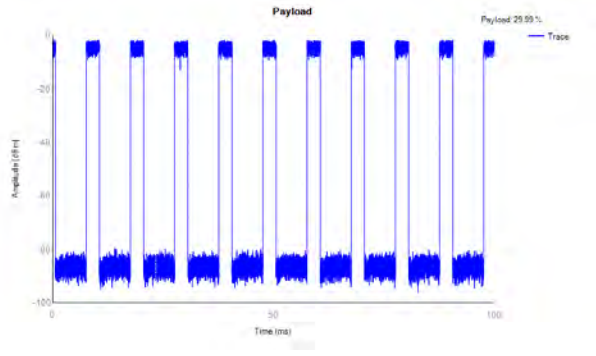
LTE Band 40 Subset 2 QPSK 10MHz



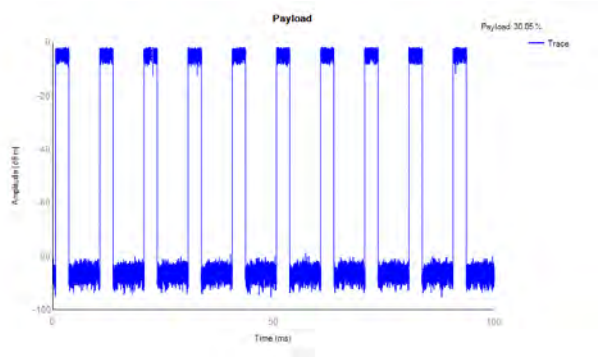
LTE Band 40 Subset 2 QPSK 5MHz CH-Middle



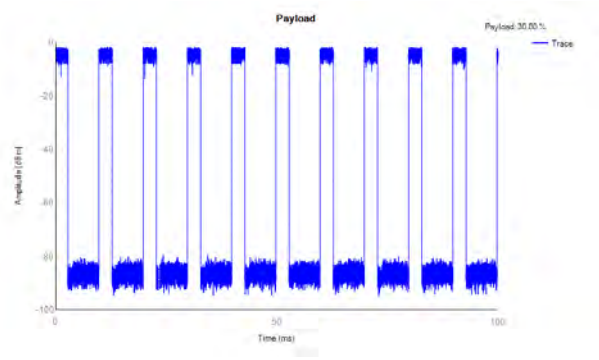
LTE Band 40 Subset 2 QPSK 5MHz CH-High



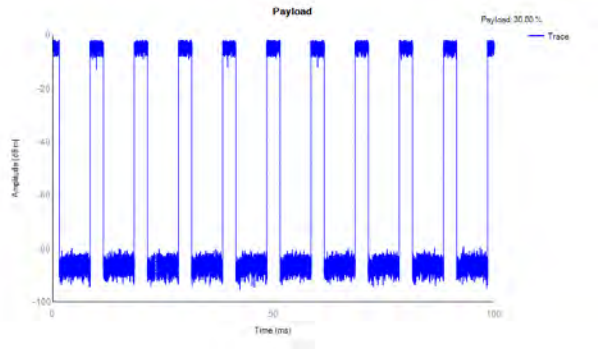
LTE Band 40 Subset 2 16QAM 5MHz CH-Low



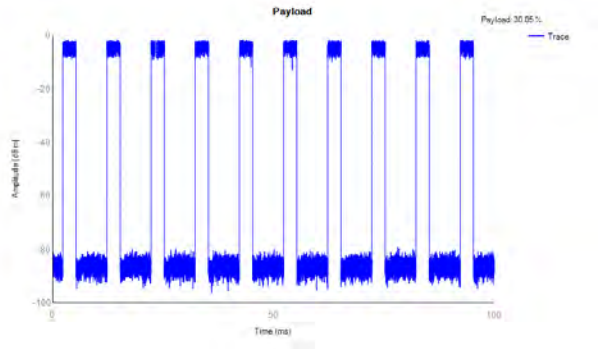
LTE Band 40 Subset 2 16QAM 10MHz



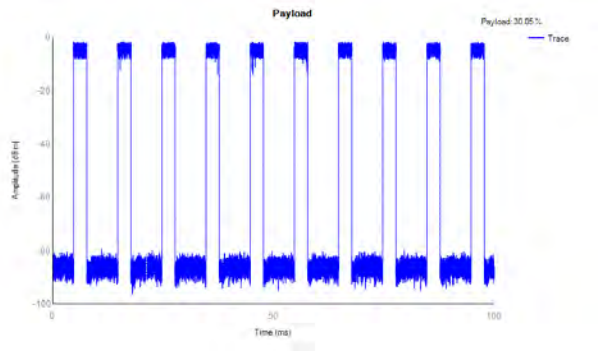
LTE Band 40 Subset 2 16QAM 5MHz CH-Middle



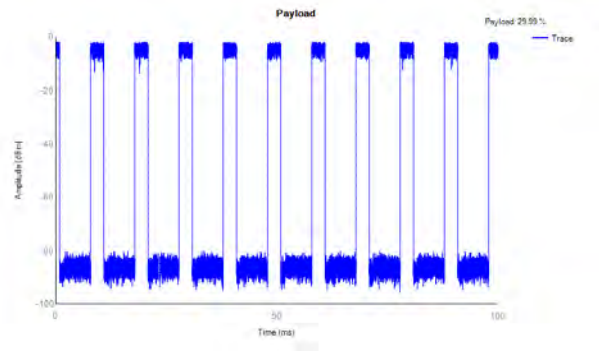
LTE Band 40 Subset 2 16QAM 5MHz CH-High



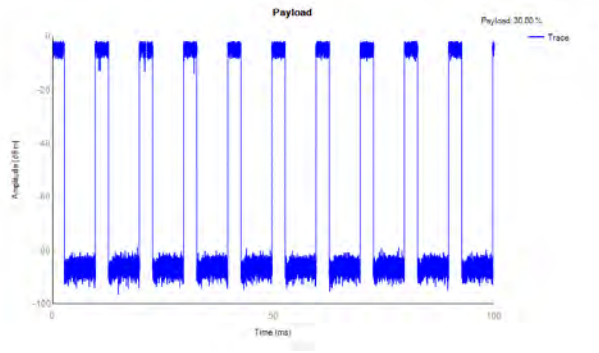
LTE Band 40 Subset 2 64QAM 5MHz CH-Low



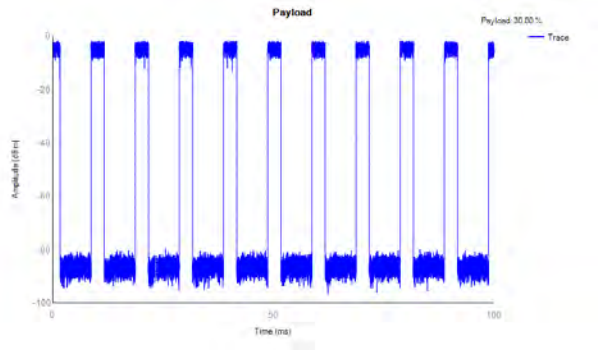
LTE Band 40 Subset 2 64QAM 10MHz



LTE Band 40 Subset 2 64QAM 5MHz CH-Middle



LTE Band 40 Subset 2 64QAM 5MHz CH-High



LTE Band 40 Subset 1 Antenna 2				Conducted Power Spectral Density (dBm/MHz)			EIRP Power Spectra Density (dBm/MHz)			EIRP Power Spectra Density (mW/MHz)			Limit (mW /1MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/ 2307.5	38750/ 2310	38775/ 2312.5	38725/ 2307.5	38750/ 2310	38775/ 2312.5	38725/ 2307.5	38750/ 2310	38775/ 2312.5	
5MHz	QPSK	25	0	16.930	19.085	21.012	16.230	18.385	20.312	41.976	68.945	107.448	250
	16QAM	25	0	15.784	18.254	17.592	15.084	17.554	16.892	32.240	56.938	48.888	250
	64QAM	25	0	13.923	15.024	16.525	13.223	14.324	15.825	21.004	27.064	38.238	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	17.031			16.331			42.964			250
	16QAM	50	0	14.307			13.607			22.946			250
	64QAM	50	0	15.025			14.325			27.071			250

LTE Band 40 Subset 1 Antenna 4				Conducted Power Spectral Density (dBm/MHz)			EIRP Power Spectra Density (dBm/MHz)			EIRP Power Spectra Density (mW/MHz)			Limit (mW/MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2 307.5	38750/2 310	38775/2 312.5	38725/2 307.5	38750/2 310	38775/2 312.5	38725/ 2307.5	38750/ 2310	38775/ 2312.5	
5MHz	QPSK	25	0	16.930	19.085	21.012	15.430	17.585	19.512	34.914	57.346	89.372	250
	16QAM	25	0	15.784	18.254	17.592	14.284	16.754	16.092	26.816	47.359	40.663	250
	64QAM	25	0	13.923	15.024	16.525	12.423	13.524	15.025	17.470	22.511	31.805	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	17.031			15.531			35.736			250
	16QAM	50	0	14.307			12.807			19.085			250
	64QAM	50	0	15.025			13.525			27.071			250

LTE Band 40 Subset 1 Antenna 2				Conducted Power Spectral Density (dBm/5MHz)			EIRP Power Spectra Density (dBm/5MHz)			EIRP Power Spectra Density (mW/5MHz)			Limit (mW /5MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	
5MHz	QPSK	25	0	20.495	21.572	22.380	19.795	20.872	21.680	95.389	122.236	147.231	250
	16QAM	25	0	20.144	22.156	22.421	19.444	21.456	21.721	87.983	139.830	148.628	250
	64QAM	50	0	19.350	19.998	21.896	18.650	19.298	21.196	73.282	85.075	131.704	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /5MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	20.796			20.096			102.235			250
	16QAM	50	0	18.734			18.034			63.592			250
	64QAM	50	0	19.974			19.274			84.606			250

LTE Band 40 Subset 1 Antenna 4				Conducted Power Spectral Density (dBm/5MHz)			EIRP Power Spectra Density (dBm/5MHz)			EIRP Power Spectra Density (mW/5MHz)			Limit (mW /5MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	
5MHz	QPSK	25	0	20.495	21.572	22.380	18.995	20.072	20.880	79.341	101.672	122.462	250
	16QAM	25	0	20.144	22.156	22.421	18.644	20.656	20.921	73.181	116.305	123.623	250
	64QAM	50	0	19.350	19.998	21.896	17.850	18.498	20.396	60.954	70.762	109.547	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /5MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	20.796			19.296			85.035			250
	16QAM	50	0	18.734			17.234			52.893			250
	64QAM	50	0	19.974			18.474			70.372			250

LTE Band 40 Subset 2 Antenna 2				Conducted Power Spectral Density (dBm/MHz)			EIRP Power Spectra Density (dBm/MHz)			EIRP Power Spectra Density (mW/MHz)			Limit (mW /MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	
5MHz	QPSK	25	0	16.584	17.291	17.623	15.884	16.591	16.923	38.761	45.614	49.238	250
	16QAM	25	0	16.128	18.575	16.782	15.428	17.875	16.082	34.898	61.306	40.570	250
	64QAM	25	0	16.370	15.896	17.898	15.670	15.196	17.198	36.898	33.083	52.457	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	16.058			15.358			34.340			250
	16QAM	50	0	13.314			12.614			18.256			250
	64QAM	50	0	14.737			14.037			25.334			250

LTE Band 40 Subset 2 Antenna 4				Conducted Power Spectral Density (dBm/MHz)			EIRP Power Spectra Density (dBm/MHz)			EIRP Power Spectra Density (mW/MHz)			Limit (mW /MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	
5MHz	QPSK	25	0	16.584	17.291	17.623	15.084	15.791	16.123	32.240	37.940	40.954	250
	16QAM	25	0	16.128	18.575	16.782	14.628	17.075	15.282	29.027	50.992	33.744	250
	64QAM	25	0	16.370	15.896	17.898	14.870	14.396	16.398	30.690	27.517	43.631	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	16.058			14.558			28.563			250
	16QAM	50	0	13.314			11.814			15.184			250
	64QAM	50	0	14.737			13.237			21.072			250

LTE Band 40 Subset 2 Antenna 2				Conducted Power Spectral Density (dBm/5MHz)			EIRP Power Spectra Density (dBm/5MHz)			EIRP Power Spectra Density (mW/5MHz)			Limit (mW /5MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	
5MHz	QPSK	25	0	21.473	20.972	20.450	20.773	20.272	19.750	119.481	106.463	94.406	250
	16QAM	25	0	21.526	22.336	21.828	20.826	21.636	21.128	120.948	145.747	129.658	250
	64QAM	50	0	21.428	21.871	21.868	20.728	21.171	21.168	118.250	130.948	130.858	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /5MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	20.014			19.314			85.389			250
	16QAM	50	0	18.816			18.116			64.804			250
	64QAM	50	0	19.434			18.734			74.714			250

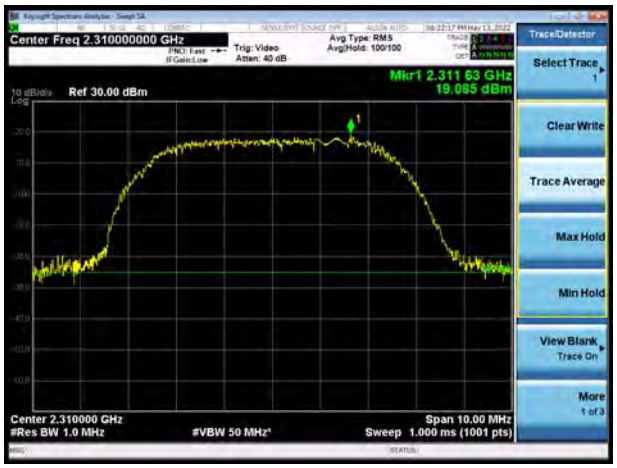
LTE Band 40 Subset 2 Antenna 4				Conducted Power Spectral Density (dBm/5MHz)			EIRP Power Spectra Density (dBm/5MHz)			EIRP Power Spectra Density (mW/5MHz)			Limit (mW /5MHz)
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			
				38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	38725/2307.5	38750/2310	38775/2312.5	
5MHz	QPSK	25	0	21.473	20.972	20.450	19.973	19.472	18.950	99.380	88.552	78.524	250
	16QAM	25	0	21.526	22.336	21.828	20.026	20.836	20.328	100.600	121.227	107.845	250
	64QAM	50	0	21.428	21.871	21.868	19.928	20.371	20.368	98.356	108.918	108.843	250
BW	Mddulation	RB size	RB offset	Channel/Frequency (MHz)			Channel/Frequency (MHz)			Channel/Frequency (MHz)			Limit (mW /5MHz)
				38750/2310			38750/2310			38750/2310			
10MHz	QPSK	50	0	20.014			18.514			71.023			250
	16QAM	50	0	18.816			17.316			53.901			250
	64QAM	50	0	19.434			17.934			62.144			250

Antenna 2 Power Spectral Density (dBm/1MHz)

LTE Band 40 Subset 1 QPSK 5MHz CH-Low

LTE Band 40 Subset 1 QPSK 10MHz

LTE Band 40 Subset 1 QPSK 5MHz CH-Middle



LTE Band 40 Subset 1 QPSK 5MHz CH-High

LTE Band 40 Subset 1 16QAM 5MHz CH-Low

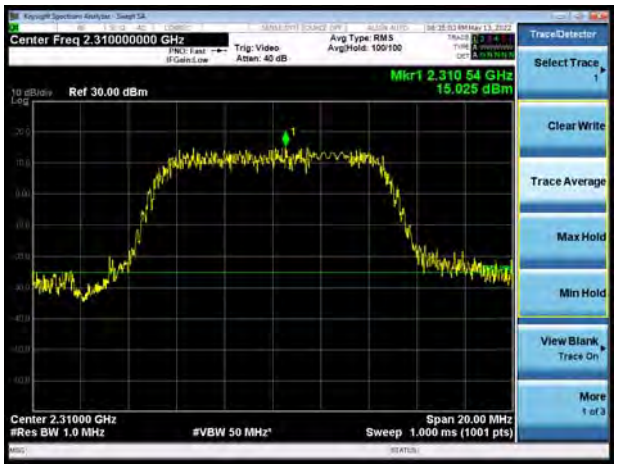
LTE Band 40 Subset 1 16QAM 10MHz

LTE Band 40 Subset 1 16QAM 5MHz CH-Middle

LTE Band 40 Subset 1 16QAM 5MHz CH-High

LTE Band 40 Subset 1 64QAM 5MHz CH-Low

LTE Band 40 Subset 1 64QAM 10MHz



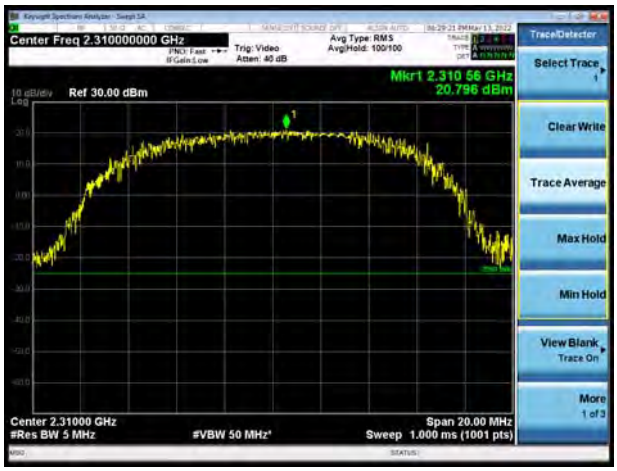
LTE Band 40 Subset 1 64QAM 5MHz CH-Middle

LTE Band 40 Subset 1 64QAM 5MHz CH-High

Power Spectral Density (dBm/5MHz)

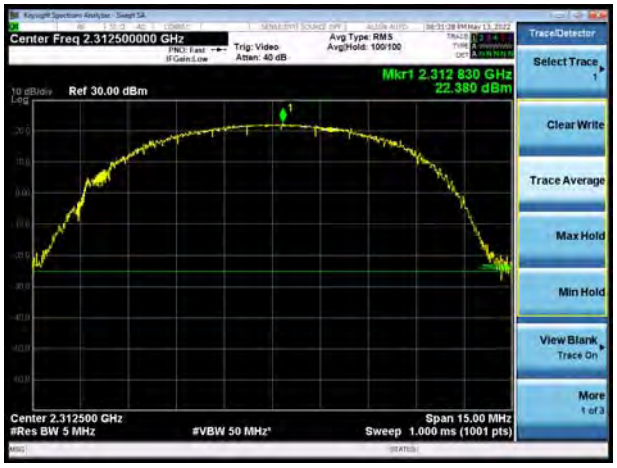
LTE Band 40 Subset 1 QPSK 5MHz CH-Low

LTE Band 40 Subset 1 QPSK 10MHz



LTE Band 40 Subset 1 QPSK 5MHz CH-Middle

LTE Band 40 Subset 1 QPSK 5MHz CH-High



LTE Band 40 Subset 1 16QAM 5MHz CH-Low

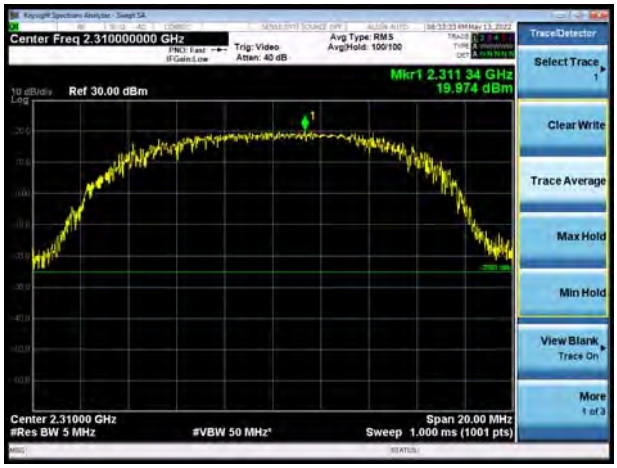
LTE Band 40 Subset 1 16QAM 10MHz

LTE Band 40 Subset 1 16QAM 5MHz CH-Middle

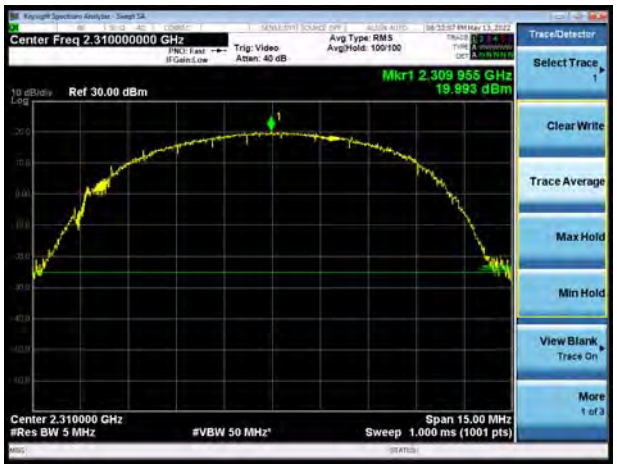
LTE Band 40 Subset 1 16QAM 5MHz CH-High

LTE Band 40 Subset 1 64QAM 5MHz CH-Low

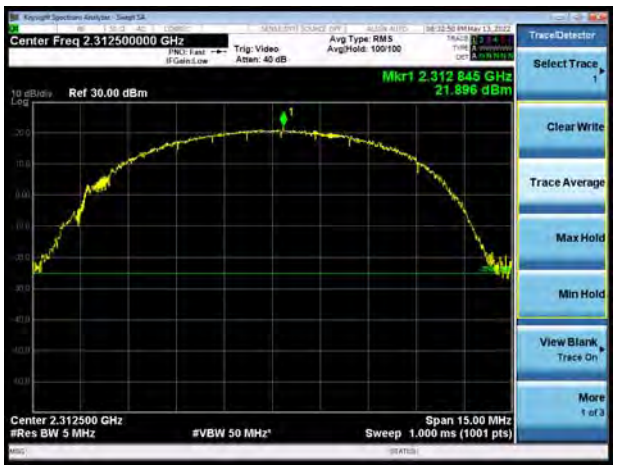
LTE Band 40 Subset 1 64QAM 10MHz



LTE Band 40 Subset 1 64QAM 5MHz CH-Middle



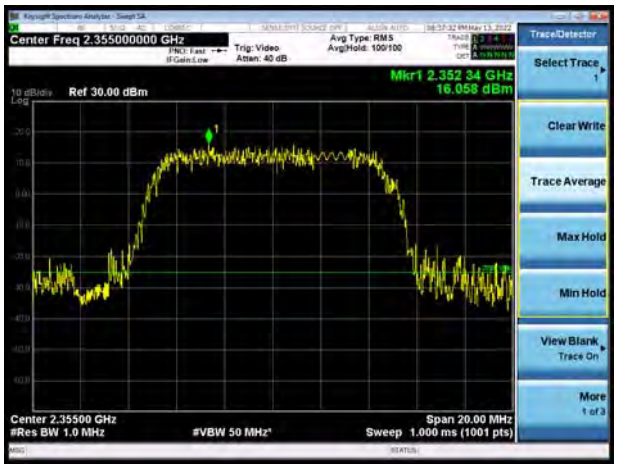
LTE Band 40 Subset 1 64QAM 5MHz CH-High



EIRP (dBm/1MHz)

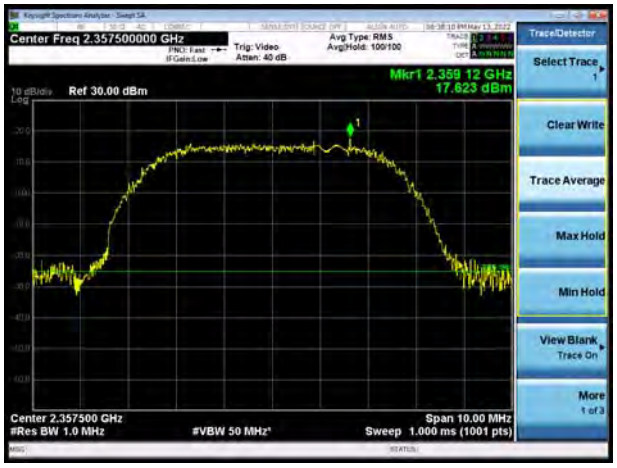
LTE Band 40 Subset 2 QPSK 5MHz CH-Low

LTE Band 40 Subset 2 QPSK 10MHz



LTE Band 40 Subset 2 QPSK 5MHz CH-Middle

LTE Band 40 Subset 2 QPSK 5MHz CH-High

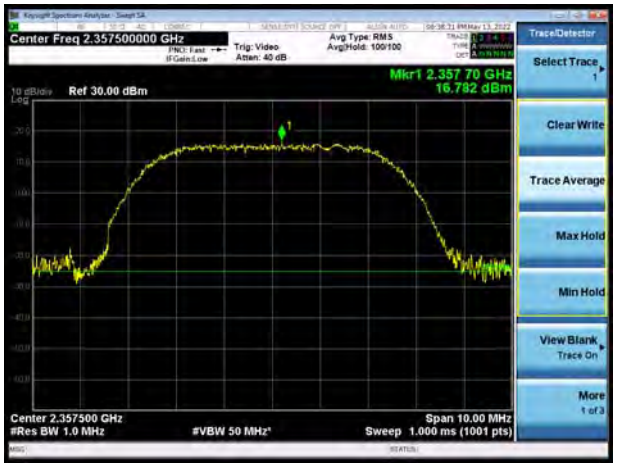


LTE Band 40 Subset 2 16QAM 5MHz CH-Low

LTE Band 40 Subset 2 16QAM 10MHz

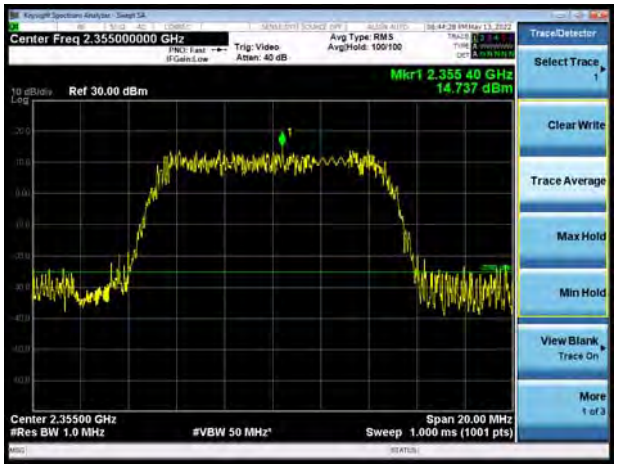
LTE Band 40 Subset 2 16QAM 5MHz CH-Middle

LTE Band 40 Subset 2 16QAM 5MHz CH-High



LTE Band 40 Subset 2 64QAM 5MHz CH-Low

LTE Band 40 Subset 2 64QAM 10MHz



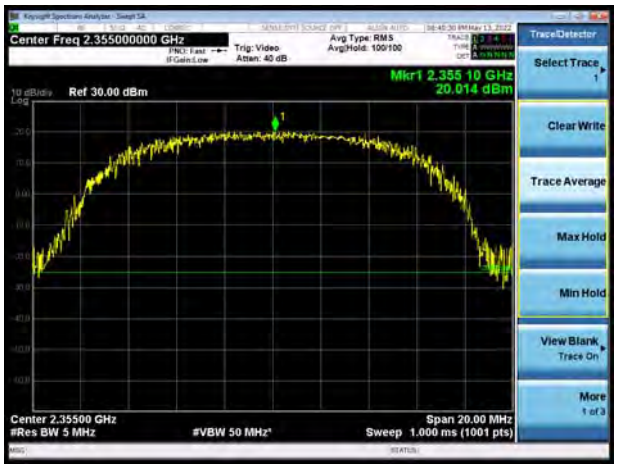
LTE Band 40 Subset 2 64QAM 5MHz CH-Middle

LTE Band 40 Subset 2 64QAM 5MHz CH-High

EIRP (dBm/5MHz)

LTE Band 40 Subset 2 QPSK 5MHz CH-Low

LTE Band 40 Subset 2 QPSK 10MHz



LTE Band 40 Subset 2 QPSK 5MHz CH-Middle

LTE Band 40 Subset 2 QPSK 5MHz CH-High

LTE Band 40 Subset 2 16QAM 5MHz CH-Low

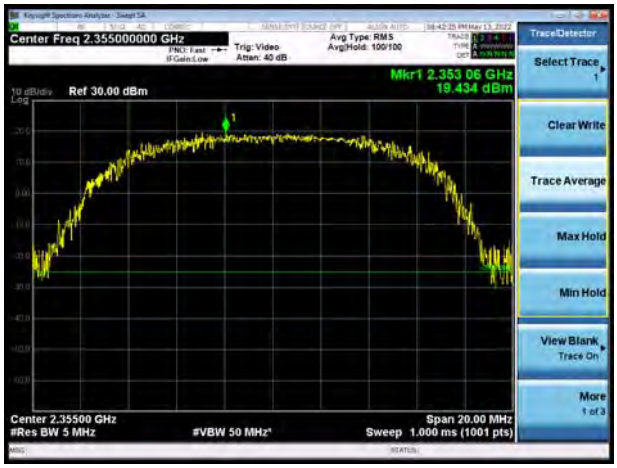
LTE Band 40 Subset 2 16QAM 10MHz

LTE Band 40 Subset 2 16QAM 5MHz CH-Middle

LTE Band 40 Subset 2 16QAM 5MHz CH-High

LTE Band 40 Subset 2 64QAM 5MHz CH-Low

LTE Band 40 Subset 2 64QAM 10MHz



LTE Band 40 Subset 2 64QAM 5MHz CH-Middle

LTE Band 40 Subset 2 64QAM 5MHz CH-High

6.2 Occupied Bandwidth

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth(MHz)
WCDMA Band IV (RMC)	1312	1712.4	4.1547	4.714
	1413	1732.6	4.1923	4.745
	1513	1752.6	4.1742	4.734

LTE Band 4						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	19957	1710.7	1.1060	1.379
			20175	1732.5	1.0970	1.367
			20393	1754.3	1.1050	1.370
		3	19965	1711.5	2.7060	3.064
			20175	1732.5	2.7180	3.070
			20385	1753.5	2.7150	3.065
		5	19975	1712.5	4.5350	5.100
			20175	1732.5	4.5300	5.148
			20375	1752.5	4.5290	5.104
		10	20000	1715	8.9760	9.959
			20175	1732.5	9.0110	9.737
			20350	1750	9.0220	9.895
		15	20025	1717.5	13.4930	14.856
			20175	1732.5	13.4770	14.855
			20325	1747.5	13.4750	14.704
		20	20050	1720	17.9570	19.457
			20175	1732.5	18.0150	19.640
			20300	1745	18.0040	19.767
	16QAM	1.4	19957	1710.7	1.1030	1.389
			20175	1732.5	1.0990	1.377
			20393	1754.3	1.1130	1.421
		3	19965	1711.5	2.7030	3.030
			20175	1732.5	2.7060	3.090
			20385	1753.5	2.7020	3.083
		5	19975	1712.5	4.5230	5.143
			20175	1732.5	4.5340	5.102
			20375	1752.5	4.5250	5.058
		10	20000	1715	9.0100	9.953

			20175	1732.5	9.0380	10.179
			20350	1750	8.9960	10.030
		15	20025	1717.5	13.4670	14.744
			20175	1732.5	13.4550	14.652
			20325	1747.5	13.4830	14.806
		20	20050	1720	17.9930	19.448
			20175	1732.5	18.0500	20.892
			20300	1745	17.9950	19.628
	64QAM	1.4	19957	1710.7	1.1130	1.402
			20175	1732.5	1.1080	1.381
			20393	1754.3	1.1080	1.368
		3	19965	1711.5	2.7150	3.074
			20175	1732.5	2.7090	3.043
			20385	1753.5	2.7110	3.075
		5	19975	1712.5	4.5200	5.144
			20175	1732.5	4.5350	5.197
			20375	1752.5	4.5210	5.121
		10	20000	1715	9.0210	9.995
			20175	1732.5	9.0130	9.889
			20350	1750	9.0300	10.057
		15	20025	1717.5	13.5250	14.711
			20175	1732.5	13.5050	14.814
			20325	1747.5	13.4860	15.025
		20	20050	1720	17.9460	19.670
			20175	1732.5	18.0580	21.948
			20300	1745	18.0050	19.570

LTE Band 7						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	20775	2502.5	4.5170	5.068
			21100	2535	4.5290	5.056
			21425	2567.5	4.5410	5.150
		10	20800	2505	9.0080	10.010
			21100	2535	9.0070	9.951
			21400	2565	8.9960	9.988
		15	20825	2507.5	13.4570	14.889
			21100	2535	13.4870	14.940
			21375	2562.5	13.4920	14.716

		20	20850	2510	17.9360	19.880
			21100	2535	17.9910	19.557
			21350	2560	17.9620	19.691
	16QAM	5	20775	2502.5	4.5230	5.109
			21100	2535	4.5150	5.141
			21425	2567.5	4.5250	5.000
		10	20800	2505	9.0110	9.942
			21100	2535	9.0120	10.062
			21400	2565	8.9800	9.891
		15	20825	2507.5	13.4780	14.795
			21100	2535	13.4870	14.644
			21375	2562.5	13.5160	15.008
		20	20850	2510	18.0010	19.746
			21100	2535	17.9790	19.813
			21350	2560	17.9290	19.636
	64QAM	5	20775	2502.5	4.5250	5.112
			21100	2535	4.5210	5.053
			21425	2567.5	4.5280	5.076
		10	20800	2505	9.0030	9.971
			21100	2535	9.0460	9.879
			21400	2565	8.9890	9.912
		15	20825	2507.5	13.4830	14.842
			21100	2535	13.4940	14.597
			21375	2562.5	13.4450	14.626
		20	20850	2510	17.9470	19.478
			21100	2535	18.0230	19.776
			21350	2560	17.9560	19.001

LTE Band 12						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	1.4	23017	699.7	1.0970	1.368
			23095	707.5	1.1100	1.344
			23173	715.3	1.1020	1.327
		3	23025	700.5	2.7160	3.085
			23095	707.5	2.7060	3.081
			23165	714.5	2.7000	3.069
		5	23035	701.5	4.5260	5.151
			23095	707.5	4.5280	5.173

			23155	713.5	4.5290	5.073
		10	23060	704	9.0280	9.954
			23095	707.5	9.0030	9.912
			23130	711	8.9800	9.890
	16QAM	1.4	23017	699.7	1.1030	1.332
			23095	707.5	1.1020	1.367
			23173	715.3	1.1010	1.349
		3	23025	700.5	2.7050	3.030
			23095	707.5	2.7080	3.058
			23165	714.5	2.7050	3.029
		5	23035	701.5	4.5240	5.050
			23095	707.5	4.5340	5.219
			23155	713.5	4.5280	4.946
		10	23060	704	9.0290	9.794
			23095	707.5	8.9780	10.012
			23130	711	8.9880	9.928
	64QAM	1.4	23017	699.7	1.1090	1.394
			23095	707.5	1.1050	1.338
			23173	715.3	1.1000	1.328
		3	23025	700.5	2.7010	3.078
			23095	707.5	2.7070	3.065
			23165	714.5	2.7040	3.070
		5	23035	701.5	4.5100	5.092
			23095	707.5	4.5300	5.105
			23155	713.5	4.5160	5.055
		10	23060	704	8.9890	9.871
			23095	707.5	9.0090	9.912
			23130	711	9.0270	9.878

LTE Band 17						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	23755	706.5	4.5390	5.137
			23790	710	4.5230	5.098
			23825	713.5	4.5110	5.042
		10	23780	709	8.9840	9.955
			23790	710	8.9670	9.901
			23800	711	8.9980	9.852
	16QAM	5	23755	706.5	4.5300	5.110

			23790	710	4.5280	5.089
			23825	713.5	4.5200	5.062
		10	23780	709	8.9830	9.796
			23790	710	8.9860	9.909
			23800	711	8.9830	9.837
	64QAM	5	23755	706.5	4.5300	5.153
			23790	710	4.5270	5.114
			23825	713.5	4.5170	5.177
		10	23780	709	8.9880	9.799
			23790	710	8.9970	9.887
			23800	711	8.9930	9.820

LTE Band 38						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	37775	2572.5	4.5170	5.148
			38000	2595	4.5150	5.157
			38225	2617.5	4.5110	5.027
		10	37800	2575	8.9840	9.751
			38000	2595	9.0100	9.698
			38200	2615	9.0100	10.023
		15	37825	2577.5	13.4470	14.902
			38000	2595	13.4550	14.597
			38175	2612.5	13.5000	14.675
		20	37850	2580	17.9900	19.287
			38000	2595	17.9800	19.797
			38150	2610	18.0010	21.261
	16QAM	5	37775	2572.5	4.5110	5.119
			38000	2595	4.5140	5.050
			38225	2617.5	4.5100	5.027
		10	37800	2575	8.9900	10.056
			38000	2595	9.0290	9.897
			38200	2615	9.0120	9.806
		15	37825	2577.5	13.4770	15.417
			38000	2595	13.4540	14.633
			38175	2612.5	13.4860	14.793
		20	37850	2580	17.9910	20.394
			38000	2595	17.9550	19.203
			38150	2610	17.9810	20.291

	64QAM	5	37775	2572.5	4.5280	5.220
			38000	2595	4.5090	5.032
			38225	2617.5	4.5110	5.027
		10	37800	2575	8.9800	9.915
			38000	2595	8.9930	9.897
			38200	2615	9.0070	10.544
		15	37825	2577.5	13.4730	14.598
			38000	2595	13.5120	14.603
			38175	2612.5	13.5410	15.245
		20	37850	2580	17.9650	20.125
			38000	2595	17.9340	19.839
			38150	2610	17.9970	20.910

LTE Band 40 Subset 1						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	38725	2307.5	4.512	5.111
			38750	2310	4.511	5.076
			38775	2312.5	4.526	4.997
		10	38750	2310	9.006	9.869
	16QAM	5	38725	2307.5	4.509	5.023
			38750	2310	4.515	5.071
			38775	2312.5	4.521	5.053
		10	38750	2310	9.004	9.999
	64QAM	5	38725	2307.5	4.497	5.028
			38750	2310	4.497	5.053
			38775	2312.5	4.542	5.058
		10	38750	2310	9.011	9.870

LTE Band 40 Subset 2						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	39175	2352.5	4.517	4.909
			39200	2355	4.533	5.122
			39225	2357.5	4.502	5.177
		10	39200	2355	9.025	9.989
	16QAM	5	39175	2352.5	4.528	5.028
			39200	2355	4.512	5.252
			39225	2357.5	4.521	5.045
		10	39200	2355	9.013	9.736
	64QAM	5	39175	2352.5	4.516	5.244
			39200	2355	4.515	5.031
			39225	2357.5	4.512	5.146
		10	39200	2355	8.980	9.803

LTE Band 41						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	5	39675	2498.5	4.5060	5.104
			40620	2593	4.5190	5.220
			41565	2687.5	4.5150	5.156
		10	39700	2501	9.0140	10.622
			40620	2593	8.9980	10.498
			41540	2685	8.9880	9.856
		15	39725	2503.5	13.4630	14.672
			40620	2593	13.4910	14.966
			41515	2682.5	13.4570	14.805
		20	39750	2506	18.0210	19.461
			40620	2593	17.9500	19.874
			41490	2680	17.9540	19.694
	16QAM	5	39675	2498.5	4.5260	5.032
			40620	2593	4.5030	5.304
			41565	2687.5	4.5090	5.001
		10	39700	2501	9.0300	9.741
			40620	2593	8.9740	10.251
			41540	2685	9.0210	10.376
		15	39725	2503.5	13.4820	15.017

			40620	2593	13.4760	14.836
			41515	2682.5	13.4660	14.919
		20	39750	2506	17.9750	21.195
			40620	2593	18.0270	19.409
			41490	2680	17.9860	20.223
	64QAM	5	39675	2498.5	4.5160	5.011
			40620	2593	4.4940	5.079
			41565	2687.5	4.5070	4.987
		10	39700	2501	9.0070	9.859
			40620	2593	9.0020	10.257
			41540	2685	8.9980	10.590
		15	39725	2503.5	13.4920	14.901
			40620	2593	13.4980	15.239
			41515	2682.5	13.4950	14.580
		20	39750	2506	17.9550	19.626
			40620	2593	17.9420	19.539
			41490	2680	17.9460	19.592

LTE Band 66						
RB	**Modulation**	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
100%	QPSK	1.4	131979	1710.7	1.1090	1.344
			132322	1745	1.1030	1.350
			132665	1779.3	1.1030	1.371
		3	131987	1711.5	2.7040	3.063
			132322	1745	2.7070	3.060
			132657	1778.5	2.6970	3.015
		5	131997	1712.5	4.5120	5.074
			132322	1745	4.5220	5.133
			132647	1777.5	4.5070	5.002
		10	132022	1715	9.0180	9.801
			132322	1745	9.0180	10.018
			132622	1775	9.0130	9.941
		15	132047	1717.5	13.4580	14.844
			132322	1745	13.4970	14.809
			132597	1772.5	13.4940	14.587
		20	132072	1720	17.9580	19.364
			132322	1745	18.0050	19.718
			132572	1770	18.0110	19.678

	16QAM	1.4	131979	1710.7	1.1000	1.346
			132322	1745	1.1060	1.376
			132665	1779.3	1.1070	1.338
		3	131987	1711.5	2.7120	3.034
			132322	1745	2.7060	3.029
			132657	1778.5	2.7120	3.025
		5	131997	1712.5	4.5350	5.107
			132322	1745	4.5290	5.064
			132647	1777.5	4.5180	5.118
		10	132022	1715	9.0160	9.729
			132322	1745	9.0020	10.003
			132622	1775	9.0080	10.049
		15	132047	1717.5	13.5300	14.729
			132322	1745	13.4910	14.933
			132597	1772.5	13.4990	14.810
		20	132072	1720	18.0320	19.782
			132322	1745	17.9650	19.482
			132572	1770	18.0220	20.308
	64QAM	1.4	131979	1710.7	1.1040	1.360
			132322	1745	1.1030	1.347
			132665	1779.3	1.1060	1.343
		3	131987	1711.5	2.7150	3.065
			132322	1745	2.7050	3.026
			132657	1778.5	2.7090	3.051
		5	131997	1712.5	4.5420	5.143
			132322	1745	4.5240	5.038
			132647	1777.5	4.5300	5.150
		10	132022	1715	9.0120	9.894
			132322	1745	9.0280	9.969
			132622	1775	9.0240	10.008
		15	132047	1717.5	13.4590	14.925
			132322	1745	13.4890	14.718
			132597	1772.5	13.4760	14.446
		20	132072	1720	18.0300	19.668
			132322	1745	18.0160	19.687
			132572	1770	17.9850	19.494

CA_7C	PCC		SCC1		PCC RB	SCC1 RB	Bandwidth(MHz)	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)			99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
CA_7C_10MHz+20MHz_QPSK	21006	2525.6	21150	2540	50#0	100#0	28.16	30.34
CA_7C_10MHz+20MHz_16QAM	21006	2525.6	21150	2540	50#0	100#0	28.13	30.24
CA_7C_10MHz+20MHz_64QAM	21006	2525.6	21150	2540	50#0	100#0	28.11	30.25
CA_7C_20MHz+10MHz_QPSK	21051	2530.1	21195	2544.5	100#0	50#0	28.13	30.05
CA_7C_20MHz+10MHz_16QAM	21051	2530.1	21195	2544.5	100#0	50#0	28.15	30.10
CA_7C_20MHz+10MHz_64QAM	21051	2530.1	21195	2544.5	100#0	50#0	28.13	30.18
CA_7C_15MHz+15MHz_QPSK	21025	2527.5	21175	2542.5	75#0	75#0	28.77	31.06
CA_7C_15MHz+15MHz_16QAM	21025	2527.5	21175	2542.5	75#0	75#0	28.74	30.94
CA_7C_15MHz+15MHz_64QAM	21025	2527.5	21175	2542.5	75#0	75#0	28.69	30.94
CA_7C_15MHz+20MHz_QPSK	21003	2525.3	21174	2542.4	75#0	100#0	32.99	35.31
CA_7C_15MHz+20MHz_16QAM	21003	2525.3	21174	2542.4	75#0	100#0	32.93	35.34
CA_7C_15MHz+20MHz_64QAM	21003	2525.3	21174	2542.4	75#0	100#0	32.93	35.43
CA_7C_20MHz+15MHz_QPSK	21026	2527.6	21197	2544.7	100#0	75#0	32.95	35.43
CA_7C_20MHz+15MHz_16QAM	21026	2527.6	21197	2544.7	100#0	75#0	32.89	35.15
CA_7C_20MHz+15MHz_64QAM	21026	2527.6	21197	2544.7	100#0	75#0	32.95	35.20
CA_7C_20MHz+20MHz_QPSK	21001	2525.1	21199	2544.9	100#0	100#0	37.82	40.36
CA_7C_20MHz+20MHz_16QAM	21001	2525.1	21199	2544.9	100#0	100#0	37.75	40.20
CA_7C_20MHz+20MHz_64QAM	21001	2525.1	21199	2544.9	100#0	100#0	37.84	40.15

CA_41C	PCC		SCC1		PCC RB	SCC1 RB	Bandwidth(MHz)	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)			99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
CA_41C_5MHz+20MHz_QPSK	40528	2583.8	40645	2595.5	25#0	100#0	23.39	28.01
CA_41C_5MHz+20MHz_16QAM	40528	2583.8	40645	2595.5	25#0	100#0	23.31	28.35
CA_41C_5MHz+20MHz_64QAM	40528	2583.8	40645	2595.5	25#0	100#0	23.33	27.63
CA_41C_20MHz+5MHz_QPSK	40595	2590.5	40712	2602.2	100#0	25#0	23.43	27.38
CA_41C_20MHz+5MHz_16QAM	40595	2590.5	40712	2602.2	100#0	25#0	23.40	27.61
CA_41C_20MHz+5MHz_64QAM	40595	2590.5	40712	2602.2	100#0	25#0	23.37	27.26
CA_41C_10MHz+20MHz_QPSK	40526	2583.6	40670	2598	50#0	100#0	28.18	31.98
CA_41C_10MHz+20MHz_16QAM	40526	2583.6	40670	2598	50#0	100#0	28.09	31.15
CA_41C_10MHz+20MHz_64QAM	40526	2583.6	40670	2598	50#0	100#0	28.08	33.38
CA_41C_20MHz+10MHz_QPSK	40571	2588.1	40715	2602.5	100#0	50#0	28.08	31.16
CA_41C_20MHz+10MHz_16QAM	40571	2588.1	40715	2602.5	100#0	50#0	28.13	31.18
CA_41C_20MHz+10MHz_64QAM	40571	2588.1	40715	2602.5	100#0	50#0	28.12	32.53
CA_41C_15MHz+15MHz_QPSK	40545	2585.5	40695	2600.5	75#0	75#0	28.64	30..91
CA_41C_15MHz+15MHz_16QAM	40545	2585.5	40695	2600.5	75#0	75#0	28.67	31.28
CA_41C_15MHz+15MHz_64QAM	40545	2585.5	40695	2600.5	75#0	75#0	28.75	32.70

CA_41C_15MHz+20MHz_QPSK	40523	2583.3	40694	2600.4	75#0	100#0	32.89	37.49
CA_41C_15MHz+20MHz_16QAM	40523	2583.3	40694	2600.4	75#0	100#0	32.94	39.03
CA_41C_15MHz+20MHz_64QAM	40523	2583.3	40694	2600.4	75#0	100#0	32.93	37.53
CA_41C_20MHz+15MHz_QPSK	40546	2585.6	40717	2602.7	100#0	75#0	32.92	36.06
CA_41C_20MHz+15MHz_16QAM	40546	2585.6	40717	2602.7	100#0	75#0	32.97	38.21
CA_41C_20MHz+15MHz_64QAM	40546	2585.6	40717	2602.7	100#0	75#0	32.90	37.49
CA_41C_20MHz+20MHz_QPSK	40521	2583.1	40719	2602.9	100#0	100#0	37.82	41.69
CA_41C_20MHz+20MHz_16QAM	40521	2583.1	40719	2602.9	100#0	100#0	37.81	43.37
CA_41C_20MHz+20MHz_64QAM	40521	2583.1	40719	2602.9	100#0	100#0	37.81	42.21

NR n7						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	20	502000	2510	18.376	20.35
			507000	2535	18.407	20.36
			512000	2560	18.413	20.35
	QPSK	20	502000	2510	18.377	20.27
			507000	2535	18.373	20.30
			512000	2560	18.410	20.27
	16QAM	20	502000	2510	18.310	20.18
			507000	2535	18.345	20.24
			512000	2560	18.368	20.23
	64QAM	20	502000	2510	18.359	20.18
			507000	2535	18.321	20.18
			512000	2560	18.342	20.12
	256QAM	20	502000	2510	18.361	20.31
			507000	2535	18.315	20.31
			512000	2560	18.380	20.30
1	BPSK	20	502000	2510	2.176	2.84
			507000	2535	2.133	2.85
			512000	2560	2.161	2.82
	QPSK	20	502000	2510	2.114	2.86
			507000	2535	2.183	2.88
			512000	2560	2.158	2.92
	16QAM	20	502000	2510	2.136	2.83
			507000	2535	2.206	2.86
			512000	2560	2.170	2.91
	64QAM	20	502000	2510	2.196	2.81
			507000	2535	2.171	2.83
			512000	2560	2.188	2.82
	256QAM	20	502000	2510	2.208	2.90

			507000	2535	2.158	2.84
			512000	2560	2.168	2.78

NR n38						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	40	518000	2590	35.957	38.61
			519000	2595	36.028	38.62
			520000	2600	35.966	38.61
	QPSK	40	518000	2590	36.003	38.55
			519000	2595	36.034	38.66
			520000	2600	35.956	38.47
	16QAM	40	518000	2590	35.987	38.64
			519000	2595	35.967	38.30
			520000	2600	35.906	38.42
	64QAM	40	518000	2590	36.027	38.47
			519000	2595	35.959	38.32
			520000	2600	35.970	38.38
	256QAM	40	518000	2590	35.989	38.75
			519000	2595	35.988	38.67
			520000	2600	35.915	38.66
1	BPSK	40	518000	2590	2.328	3.368
			519000	2595	2.4034	3.345
			520000	2600	2.3766	3.397
	QPSK	40	518000	2590	2.3276	3.187
			519000	2595	2.3436	3.377
			520000	2600	2.4276	3.36
	16QAM	40	518000	2590	2.3312	3.227
			519000	2595	2.3193	3.235
			520000	2600	2.3312	3.254
	64QAM	40	518000	2590	2.3029	3.207
			519000	2595	2.382	3.25
			520000	2600	2.3056	3.094
	256QAM	40	518000	2590	2.251	3.018
			519000	2595	2.3425	3.235
			520000	2600	2.2322	3.026

NR n41						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	100	509202	2546.01	96.188	99.76
			518598	2592.99	95.933	99.60
			528000	2640	96.198	99.77
	QPSK	100	509202	2546.01	96.231	99.54
			518598	2592.99	96.015	99.77
			528000	2640	96.199	99.54
	16QAM	100	509202	2546.01	96.279	99.75
			518598	2592.99	96.183	99.81
			528000	2640	96.233	100.10
	64QAM	100	509202	2546.01	96.183	99.68
			518598	2592.99	96.085	99.59
			528000	2640	96.215	99.91
	256QAM	100	509202	2546.01	96.311	99.64
			518598	2592.99	96.043	99.75
			528000	2640	96.330	99.57
1	BPSK	100	509202	2546.01	2.4721	3.357
			518598	2592.99	2.4108	3.454
			528000	2640	2.4217	3.278
	QPSK	100	509202	2546.01	2.4402	3.316
			518598	2592.99	2.4933	3.193
			528000	2640	2.4318	3.433
	16QAM	100	509202	2546.01	2.6188	3.640
			518598	2592.99	2.4465	3.198
			528000	2640	2.4331	3.187
	64QAM	100	509202	2546.01	2.4834	3.393
			518598	2592.99	2.4393	3.295
			528000	2640	2.5012	3.366
	256QAM	100	509202	2546.01	2.4385	3.344
			518598	2592.99	2.4086	3.448
			528000	2640	2.5225	3.485

DC_28 A (subset 2)-n41A						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	100	509202	2546.01	96.195	99.86
			518598	2592.99	95.967	99.73
			528000	2640	96.183	99.95
	QPSK	100	509202	2546.01	96.176	99.88
			518598	2592.99	95.955	99.73
			528000	2640	96.248	99.75
	16QAM	100	509202	2546.01	96.362	99.84
			518598	2592.99	96.148	99.93
			528000	2640	96.299	100.30
	64QAM	100	509202	2546.01	96.250	99.55
			518598	2592.99	95.886	99.57
			528000	2640	96.097	99.79
	256QAM	100	509202	2546.01	96.357	99.71
			518598	2592.99	96.235	99.57
			528000	2640	96.279	99.75
1	BPSK	100	509202	2546.01	2.4695	3.191
			518598	2592.99	2.4587	3.37
			528000	2640	2.3889	3.383
	QPSK	100	509202	2546.01	2.4963	3.335
			518598	2592.99	2.3982	3.21
			528000	2640	2.4889	3.365
	16QAM	100	509202	2546.01	2.4688	3.362
			518598	2592.99	2.4891	3.335
			528000	2640	2.4699	3.328
	64QAM	100	509202	2546.01	2.4419	3.503
			518598	2592.99	2.501	3.281
			528000	2640	2.4617	3.225
	256QAM	100	509202	2546.01	2.4816	3.47
			518598	2592.99	2.4875	3.464
			528000	2640	2.4814	3.307

NR n66						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	20	344000	1720	18.3430	20.140
			349000	1745	18.3730	20.320
			354000	1770	18.4050	20.330
	QPSK	20	344000	1720	18.3120	20.200
			349000	1745	18.3580	20.220
			354000	1770	18.3660	20.190
	16QAM	20	344000	1720	18.3250	20.110
			349000	1745	18.3140	20.560
			354000	1770	18.3770	20.80
	64QAM	20	344000	1720	18.3300	20.180
			349000	1745	18.2940	20.130
			354000	1770	18.3370	20.140
	256QAM	20	344000	1720	18.330	20.250
			349000	1745	18.3570	20.320
			354000	1770	18.3560	20.240
1	BPSK	20	344000	1720	2.1676	2.843
			349000	1745	2.1683	2.884
			354000	1770	2.1316	2.805
	QPSK	20	344000	1720	2.1466	2.816
			349000	1745	2.1592	2.852
			354000	1770	2.1541	2.832
	16QAM	20	344000	1720	2.1962	2.817
			349000	1745	2.1653	2.859
			354000	1770	2.129	2.821
	64QAM	20	344000	1720	2.1458	2.818
			349000	1745	2.1574	2.773
			354000	1770	2.1198	2.811
	256QAM	20	344000	1720	2.1408	2.801
			349000	1745	2.1865	2.939
			354000	1770	2.1560	2.886

DC_5A-n66A						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	20	344000	1720	18.3350	20.190
			349000	1745	18.450	20.290
			354000	1770	18.3850	20.210
	QPSK	20	344000	1720	18.3610	20.180
			349000	1745	18.3690	20.200
			354000	1770	18.4480	20.260
	16QAM	20	344000	1720	18.2740	20.190
			349000	1745	18.3650	21.590
			354000	1770	18.3670	22.480
	64QAM	20	344000	1720	18.3460	20.130
			349000	1745	18.3220	20.100
			354000	1770	18.3770	20.220
	256QAM	20	344000	1720	18.3540	20.310
			349000	1745	18.3820	20.290
			354000	1770	18.3590	20.180
1	BPSK	20	344000	1720	2.1796	2.910
			349000	1745	2.1806	2.915
			354000	1770	2.1777	2.931
	QPSK	20	344000	1720	2.1719	2.849
			349000	1745	2.1774	2.922
			354000	1770	2.147	2.828
	16QAM	20	344000	1720	2.1607	2.763
			349000	1745	2.1843	2.846
			354000	1770	2.1455	2.806
	64QAM	20	344000	1720	2.1472	2.884
			349000	1745	2.1899	2.738
			354000	1770	2.1335	2.844
	256QAM	20	344000	1720	2.1071	2.821
			349000	1745	2.1352	2.878
			354000	1770	2.1623	2.861

NR n77 subset 1						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	100	633334	3500	96.3530	99.710
	QPSK	100	633334	3500	96.4490	99.730
	16QAM	100	633334	3500	96.6130	99.780
	64QAM	100	633334	3500	96.3840	99.740
	256QAM	100	633334	3500	96.2730	99.900
1	BPSK	100	633334	3500	2.4409	3.301
	QPSK	100	633334	3500	2.4740	3.379
	16QAM	100	633334	3500	2.6123	3.485
	64QAM	100	633334	3500	2.3944	3.174
	256QAM	100	633334	3500	2.4563	3.382

DC_2A-n77A subset 1						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	100	633334	3500	96.265	99.68
	QPSK	100	633334	3500	95.924	99.48
	16QAM	100	633334	3500	96.194	99.67
	64QAM	100	633334	3500	96.099	99.47
	256QAM	100	633334	3500	95.924	99.48
1%	BPSK	100	633334	3500	2.5382	3.637
	QPSK	100	633334	3500	2.6977	3.638
	16QAM	100	633334	3500	2.465	3.477
	64QAM	100	633334	3500	2.6095	3.587
	256QAM	100	633334	3500	2.5011	3.481

NR n77 subset 2						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	100	650000	3750	96.2220	99.490
			656000	3840	96.4340	99.520
			662000	3930	96.1850	99.690
	QPSK	100	650000	3750	96.3840	99.510
			656000	3840	96.3650	99.580
			662000	3930	96.2900	99.520
	16QAM	100	650000	3750	96.2630	99.880
			656000	3840	96.5020	99.530
			662000	3930	96.4850	99.480
	64QAM	100	650000	3750	96.2400	99.640

			656000	3840	96.3150	99.670
			662000	3930	96.1350	99.450
	256QAM	100	650000	3750	96.2990	99.630
			656000	3840	96.3400	99.770
			662000	3930	96.1820	99.780
1	BPSK	100	650000	3750	2.4706	3.311
			656000	3840	2.4105	3.320
			662000	3930	2.5789	3.406
	QPSK	100	650000	3750	2.4311	3.322
			656000	3840	2.3986	3.392
			662000	3930	2.3971	3.146
	16QAM	100	650000	3750	2.4475	3.176
			656000	3840	2.484	3.542
			662000	3930	2.3535	3.105
	64QAM	100	650000	3750	2.4105	3.159
			656000	3840	2.2932	3.067
			662000	3930	2.447	3.152
	256QAM	100	650000	3750	2.3996	3.528
			656000	3840	2.4047	3.291
			662000	3930	2.3097	3.268

DC_2A-n77A subset 2						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	BPSK	100	650000	3750	95.8870	99.530
			656000	3840	96.4470	99.480
			662000	3930	96.4410	99.590
	QPSK	100	650000	3750	95.7550	99.150
			656000	3840	96.4060	99.490
			662000	3930	96.5880	99.520
	16QAM	100	650000	3750	95.7740	99.330
			656000	3840	96.5740	99.510
			662000	3930	96.6130	99.670
	64QAM	100	650000	3750	95.6370	99.310
			656000	3840	96.3550	99.420
			662000	3930	96.6250	99.720
	256QAM	100	650000	3750	95.7570	99.290
			656000	3840	96.3670	99.890
			662000	3930	96.5340	99.520
1	BPSK	100	650000	3750	2.5063	3.375
			656000	3840	2.3945	3.238
			662000	3930	2.3753	3.14

	QPSK	100	650000	3750	2.4387	3.277
			656000	3840	2.4868	3.365
			662000	3930	2.4990	3.395
	16QAM	100	650000	3750	2.4212	3.165
			656000	3840	2.4107	3.312
			662000	3930	2.4328	3.237
	64QAM	100	650000	3750	2.4961	3.331
			656000	3840	2.4786	3.413
			662000	3930	2.3762	3.218
	256QAM	100	650000	3750	2.3449	3.107
			656000	3840	2.4232	3.144
			662000	3930	2.4133	3.218

WCDMA Band IV CH-Low

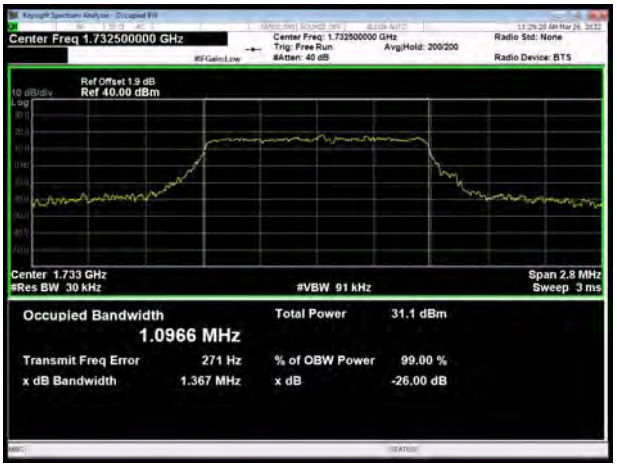
WCDMA Band IV CH Middle

WCDMA Band IV CH High

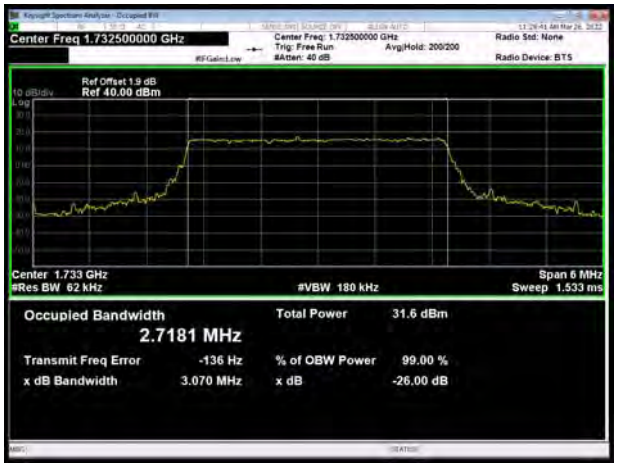
LTE Band 4 QPSK 1.4MHz CH-Low

LTE Band 4 QPSK 3MHz CH-Low

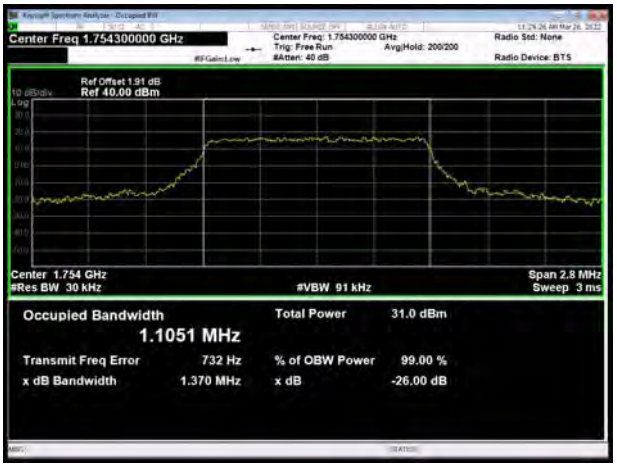
LTE Band 4 QPSK 1.4MHz CH-Middle



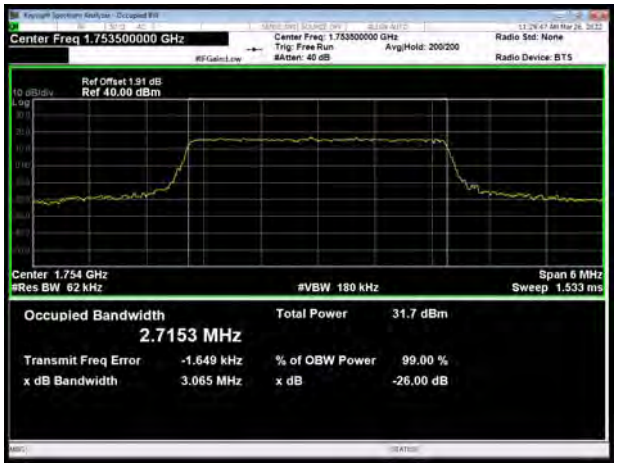
LTE Band 4 QPSK 3MHz CH-Middle



LTE Band 4 QPSK 1.4MHz CH-High

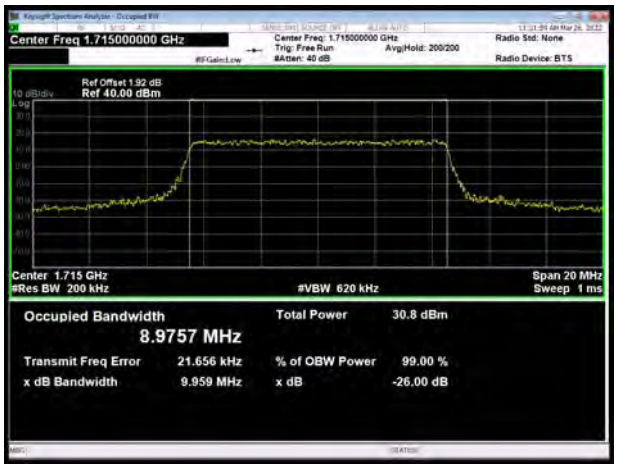


LTE Band 4 QPSK 3MHz CH-High



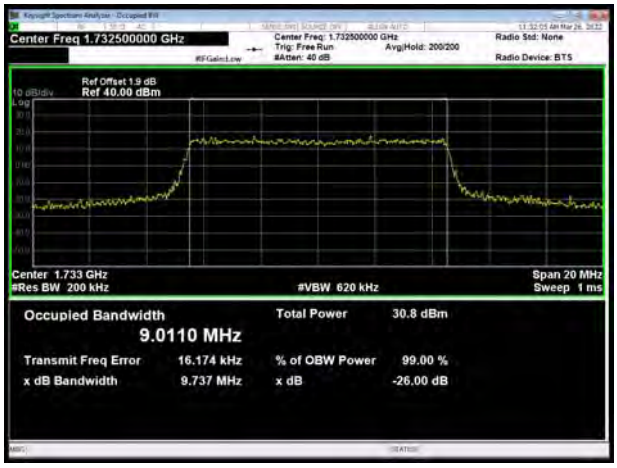
LTE Band 4 QPSK 5MHz CH-Low

LTE Band 4 QPSK 10MHz CH-Low

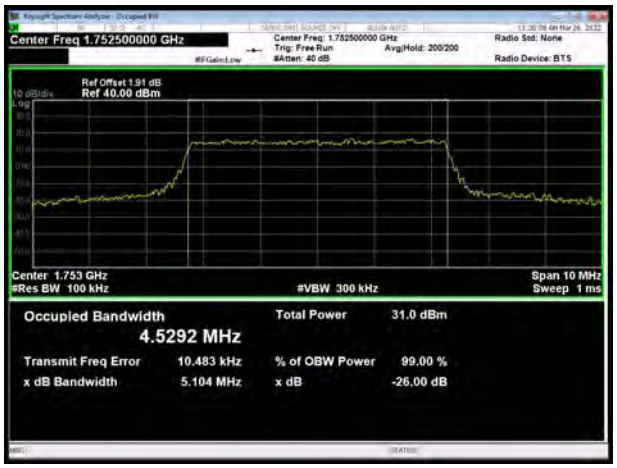


LTE Band 4 QPSK 5MHz CH-Middle

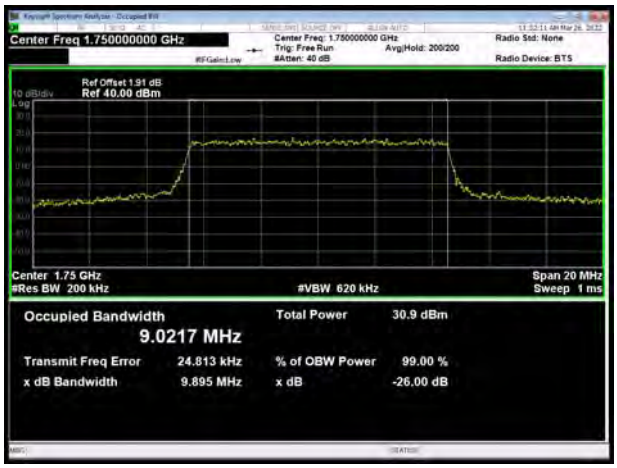
LTE Band 4 QPSK 10MHz CH-Middle



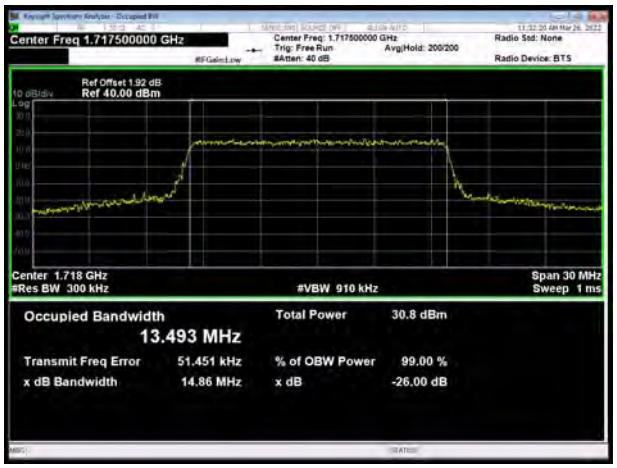
LTE Band 4 QPSK 5MHz CH-High



LTE Band 4 QPSK 10MHz CH-High

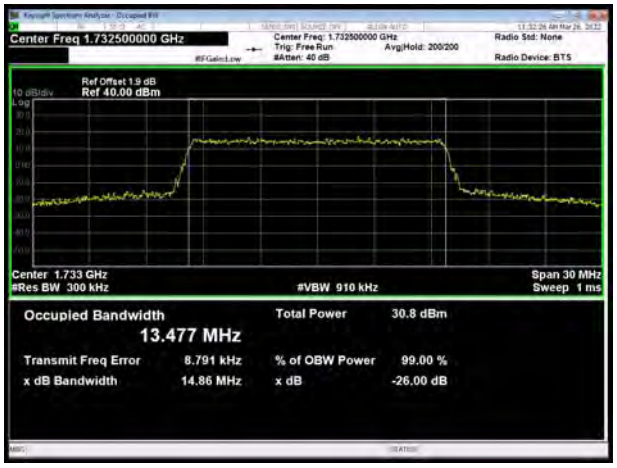


LTE Band 4 QPSK 15MHz CH-Low



LTE Band 4 QPSK 20MHz CH-Low

LTE Band 4 QPSK 15MHz CH-Middle



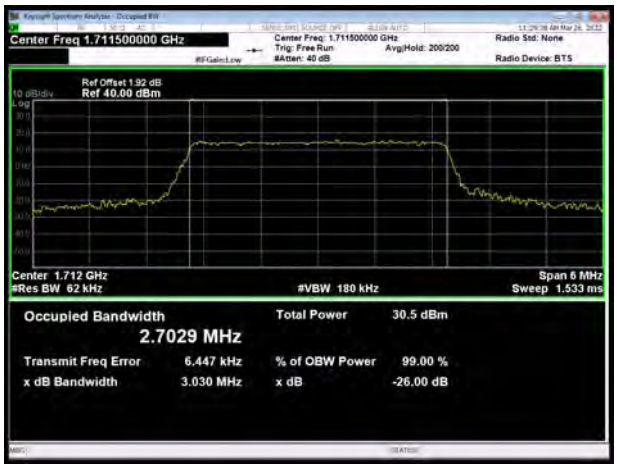
LTE Band 4 QPSK 20MHz CH-Middle

LTE Band 4 QPSK 15MHz CH-High

LTE Band 4 QPSK 20MHz CH-High

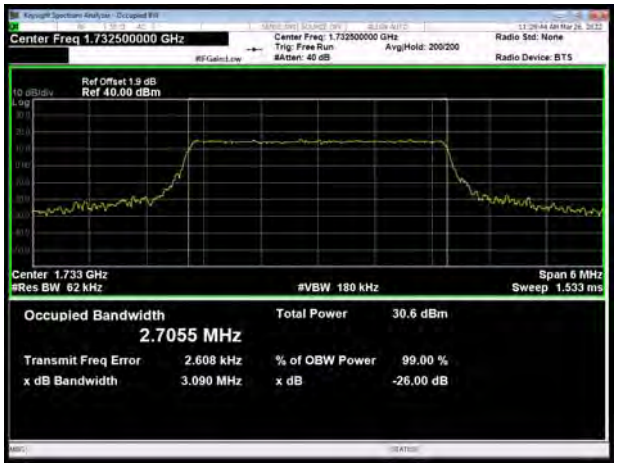
LTE Band 4 16QAM 1.4MHz CH-Low

LTE Band 4 16QAM 3MHz CH-Low

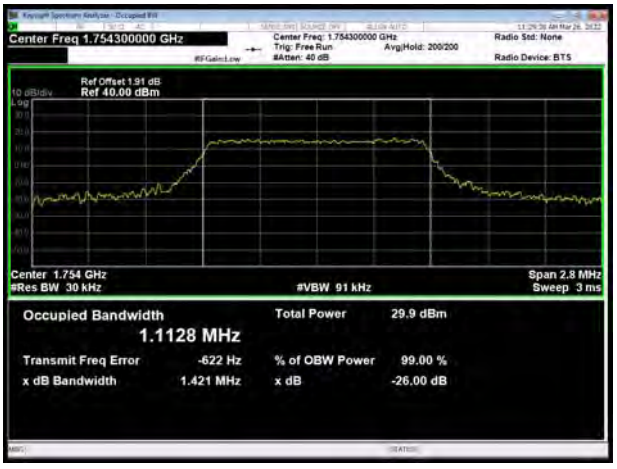


LTE Band 4 16QAM 1.4MHz CH-Middle

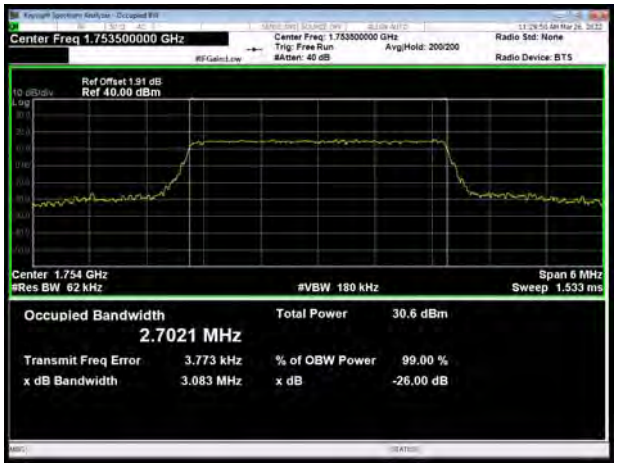
LTE Band 4 16QAM 3MHz CH-Middle



LTE Band 4 16QAM 1.4MHz CH-High

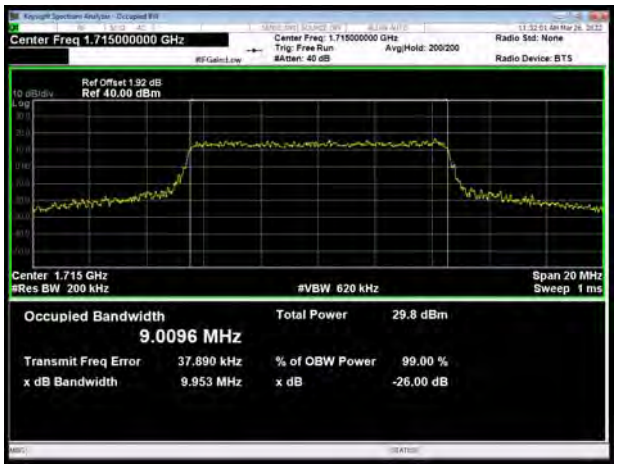


LTE Band 4 16QAM 3MHz CH-High

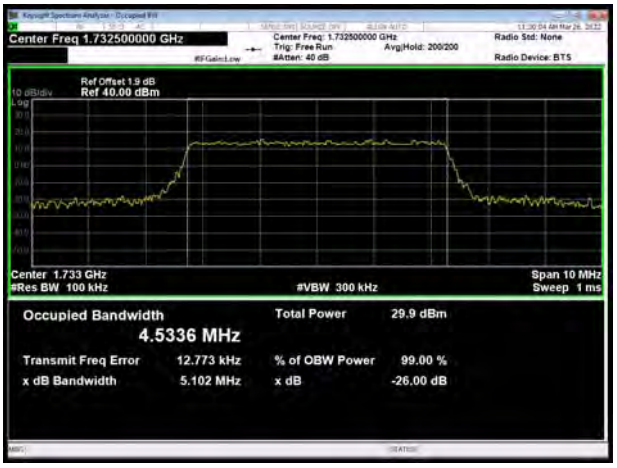


LTE Band 4 16QAM 5MHz CH-Low

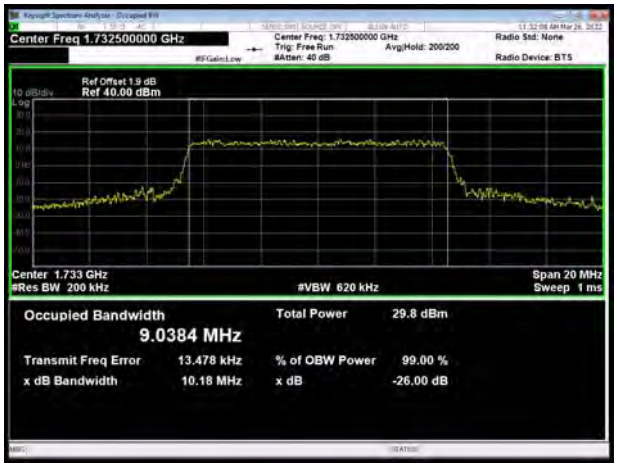
LTE Band 4 16QAM 10MHz CH-Low



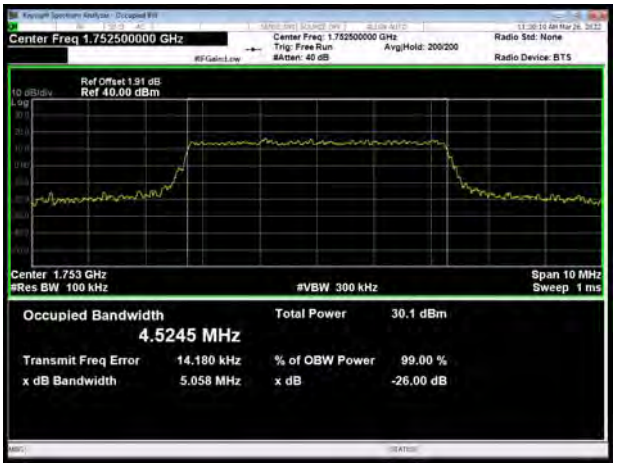
LTE Band 4 16QAM 5MHz CH-Middle



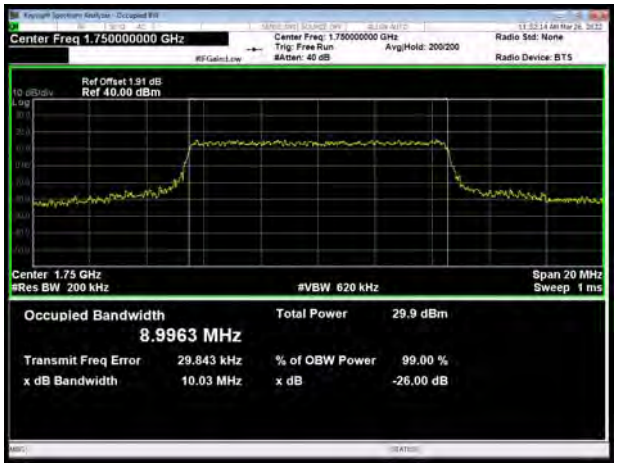
LTE Band 4 16QAM 10MHz CH-Middle



LTE Band 4 16QAM 5MHz CH-High



LTE Band 4 16QAM 10MHz CH-High

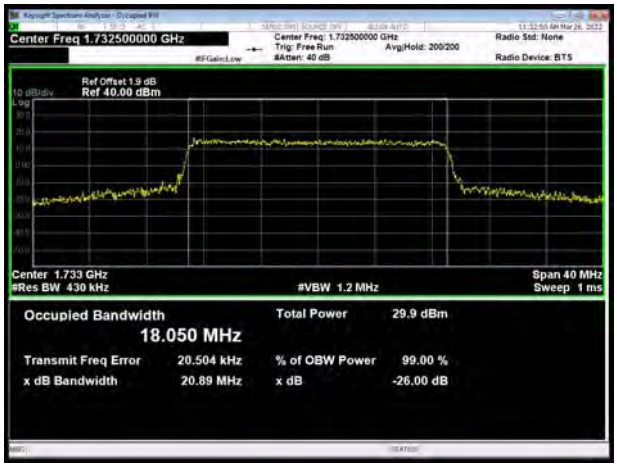


LTE Band 4 16QAM 15MHz CH-Low

LTE Band 4 16QAM 20MHz CH-Low

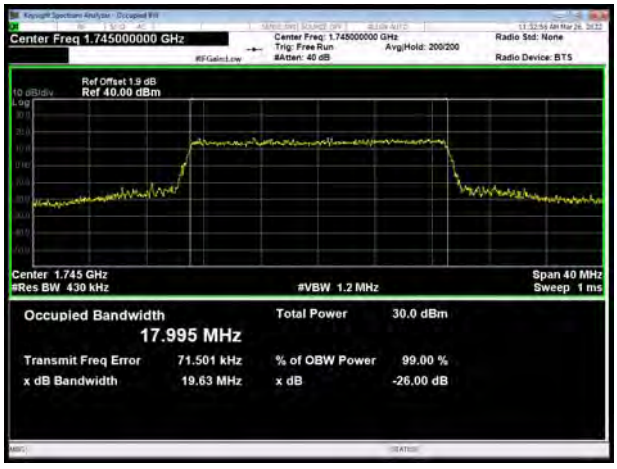
LTE Band 4 16QAM 15MHz CH-Middle

LTE Band 4 16QAM 20MHz CH-Middle

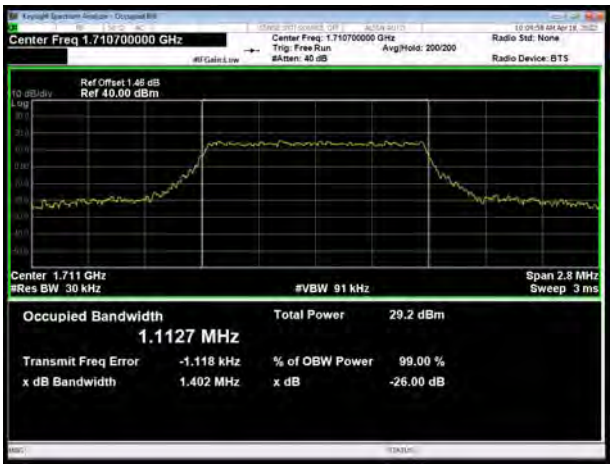


LTE Band 4 16QAM 15MHz CH-High

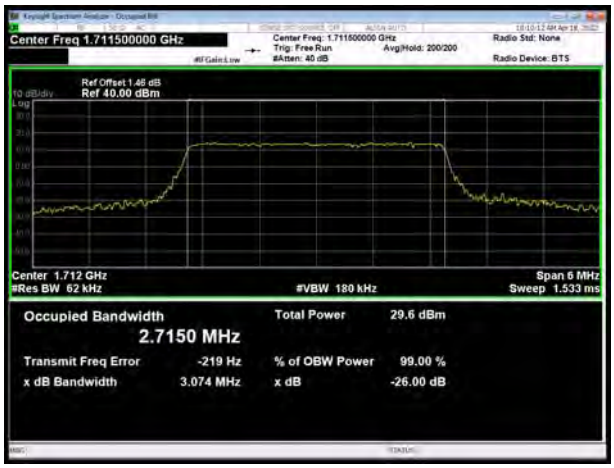
LTE Band 4 16QAM 20MHz CH-High



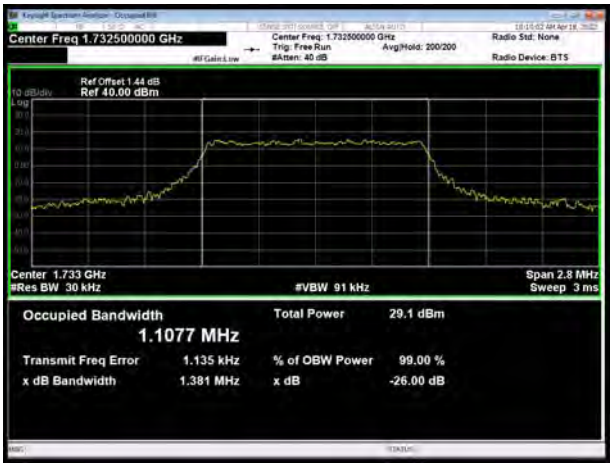
LTE Band 4 1.4MHz 64QAM CH-Low



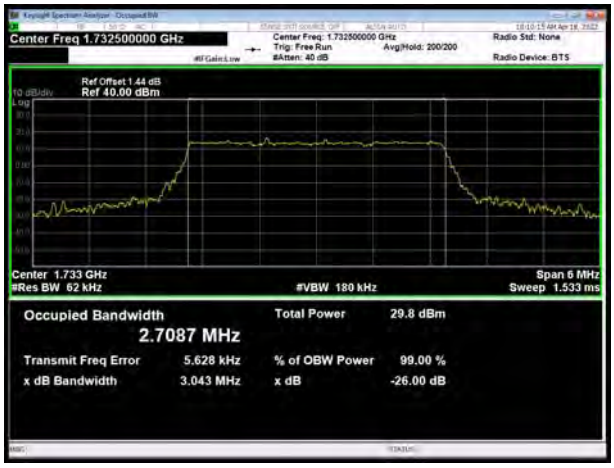
LTE Band 4 3MHz 64QAM CH-Low



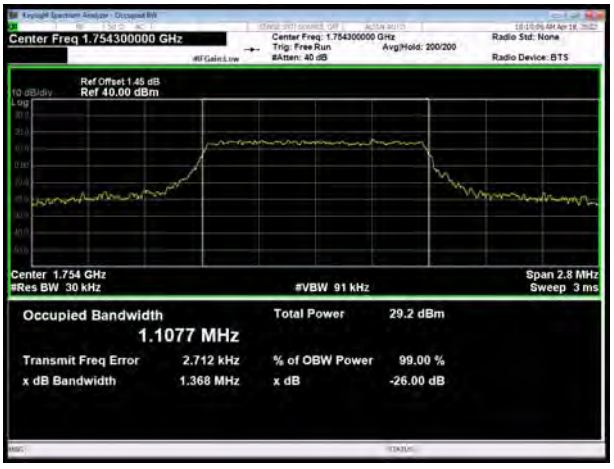
LTE Band 4 1.4MHz 64QAM CH-Middle



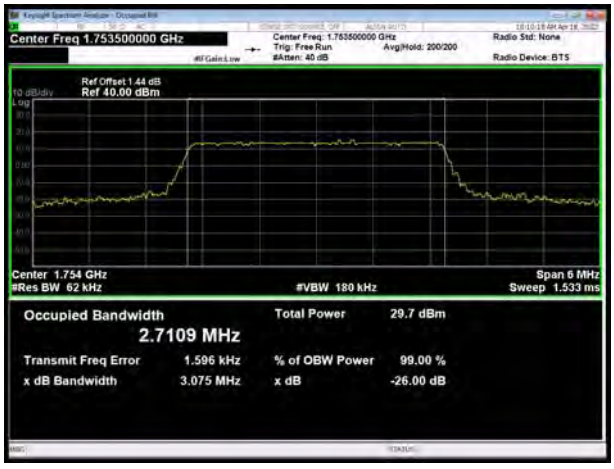
LTE Band 4 3MHz 64QAM CH-Middle



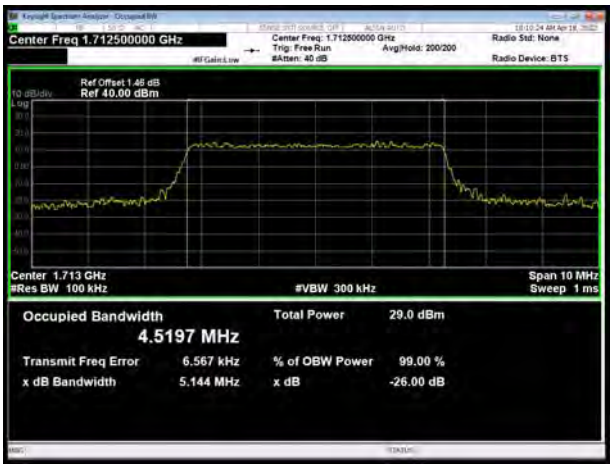
LTE Band 4 1.4MHz 64QAM CH-High



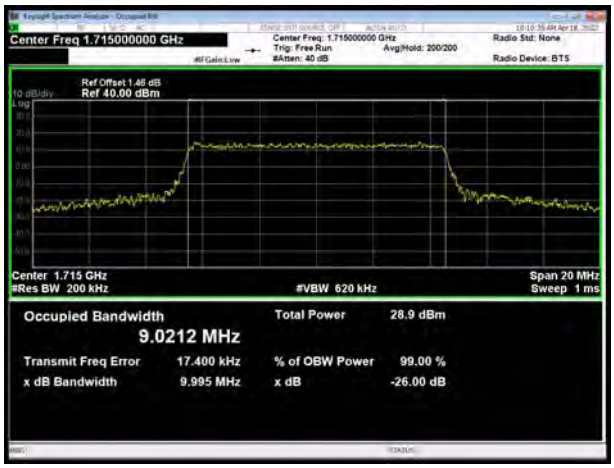
LTE Band 4 3MHz 64QAM CH-High



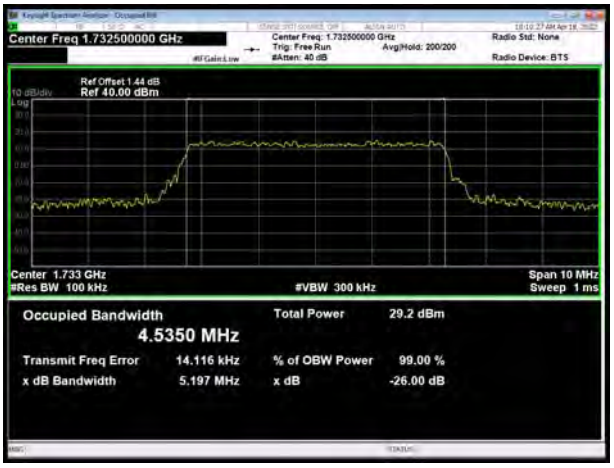
LTE Band 4 5MHz 64QAM CH-Low



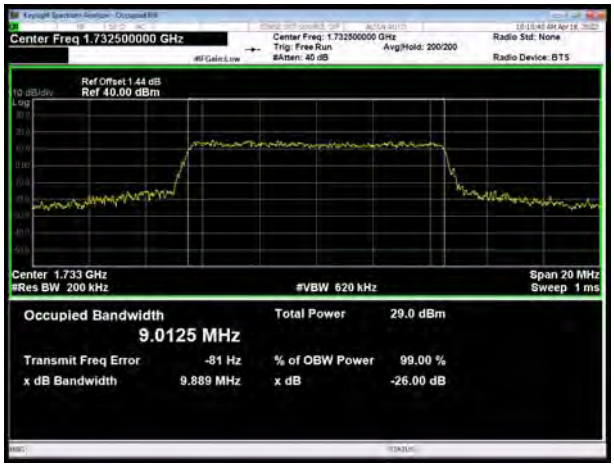
LTE Band 4 10MHz 64QAM CH-Low



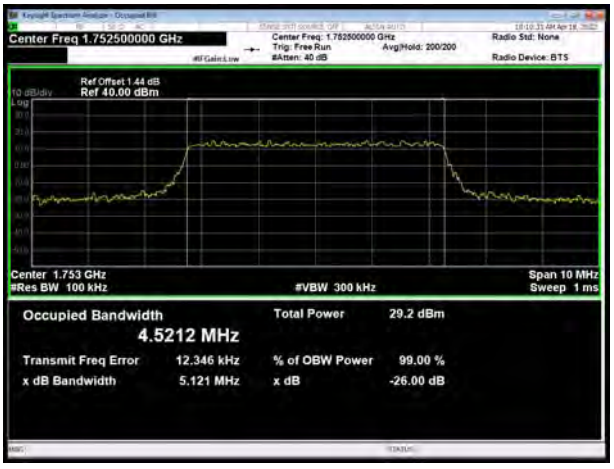
LTE Band 4 5MHz 64QAM CH-Middle



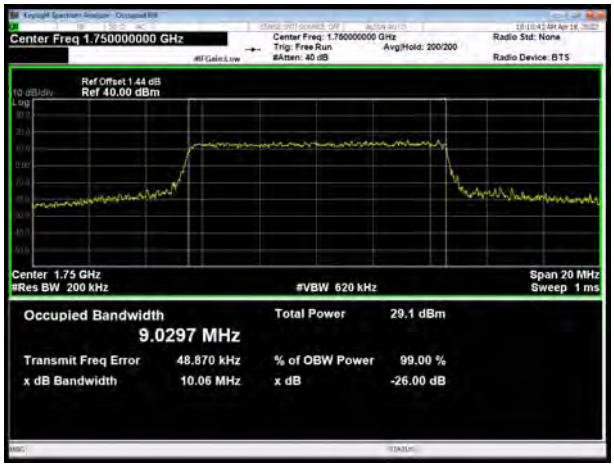
LTE Band 4 10MHz 64QAM CH-Middle



LTE Band 4 5MHz 64QAM CH-High

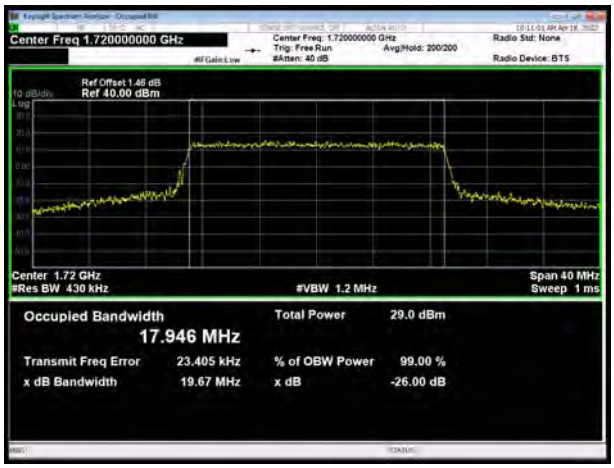


LTE Band 4 10MHz 64QAM CH-High

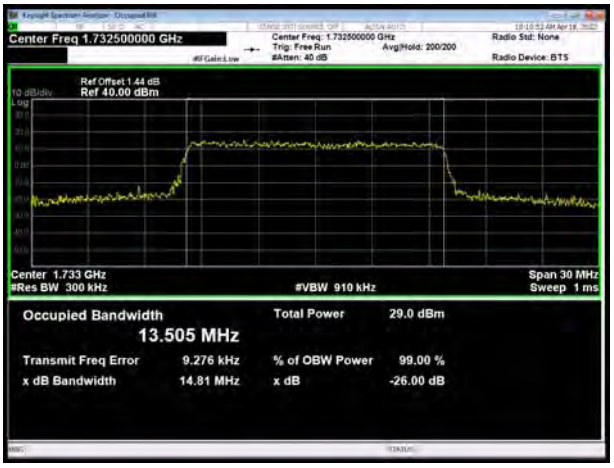


LTE Band 4 15MHz 64QAM CH-Low

LTE Band 4 20MHz 64QAM CH-Low

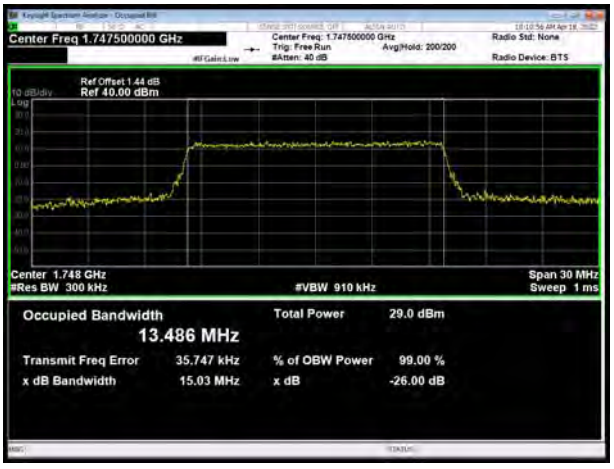


LTE Band 4 15MHz 64QAM CH-Middle



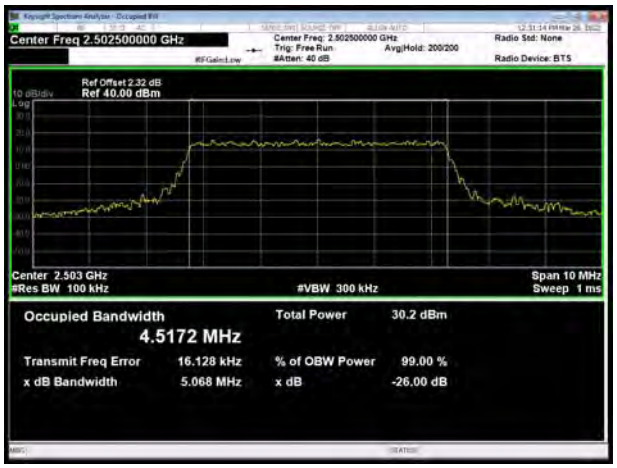
LTE Band 4 20MHz 64QAM CH-Middle

LTE Band 4 15MHz 64QAM CH-High



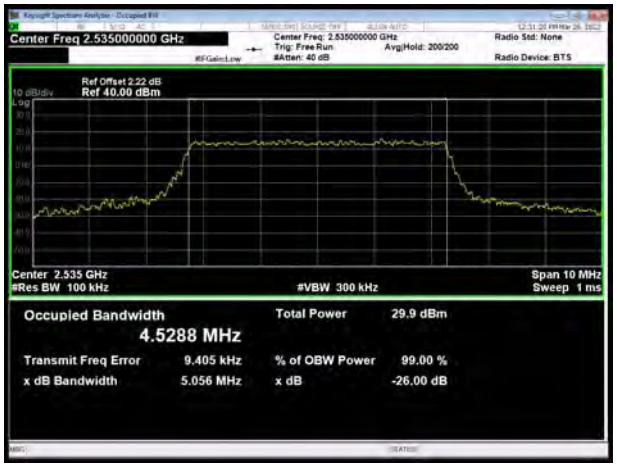
LTE Band 4 20MHz 64QAM CH-High

LTE Band 7 QPSK 5MHz CH-Low

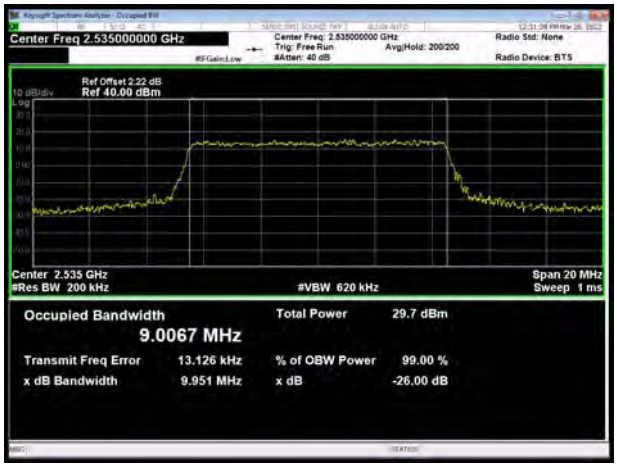


LTE Band 7 QPSK 10MHz CH-Low

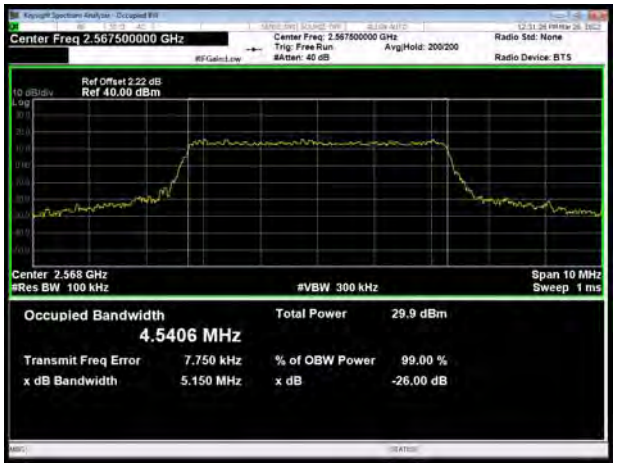
LTE Band 7 QPSK 5MHz CH-Middle



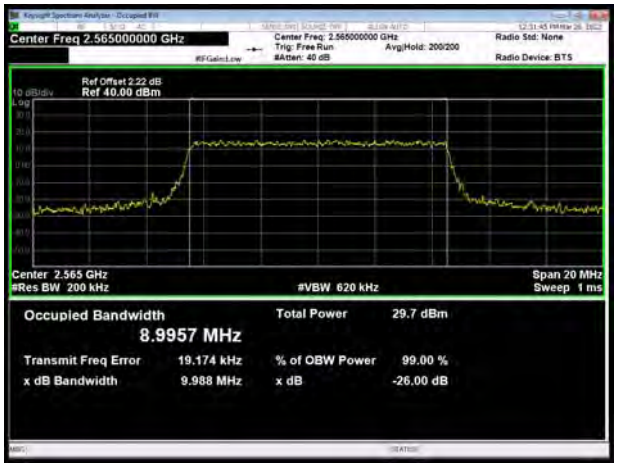
LTE Band 7 QPSK 10MHz CH-Middle



LTE Band 7 QPSK 5MHz CH-High



LTE Band 7 QPSK 10MHz CH-High

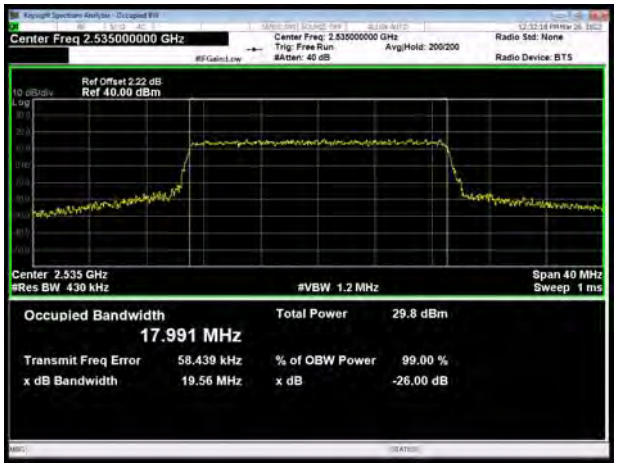


LTE Band 7 QPSK 15MHz CH-Low

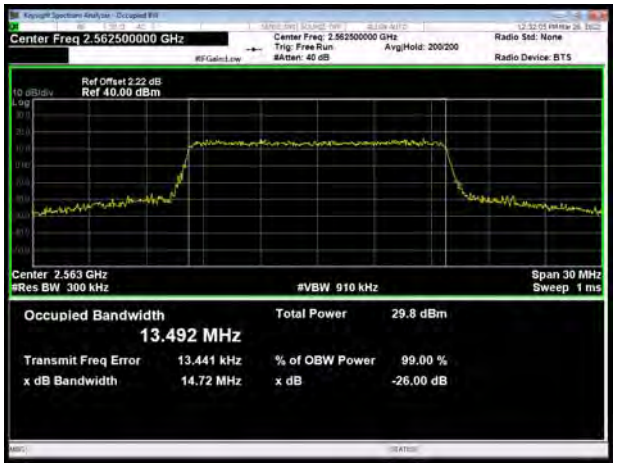
LTE Band 7 QPSK 20MHz CH-Low

LTE Band 7 QPSK 15MHz CH-Middle

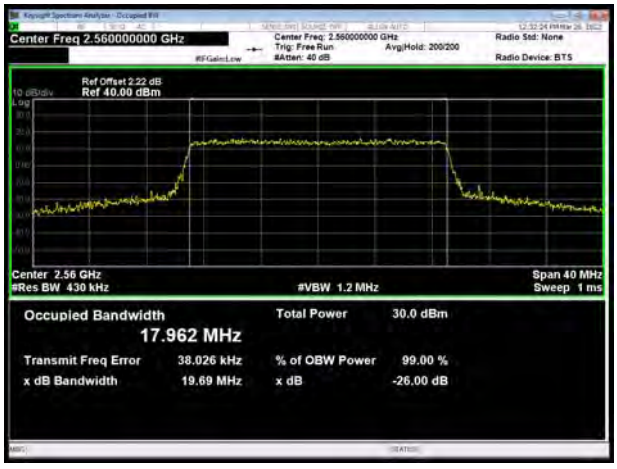
LTE Band 7 QPSK 20MHz CH-Middle



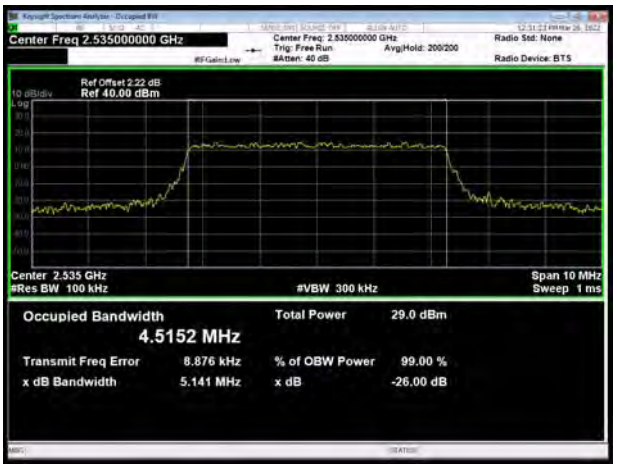
LTE Band 7 QPSK 15MHz CH-High



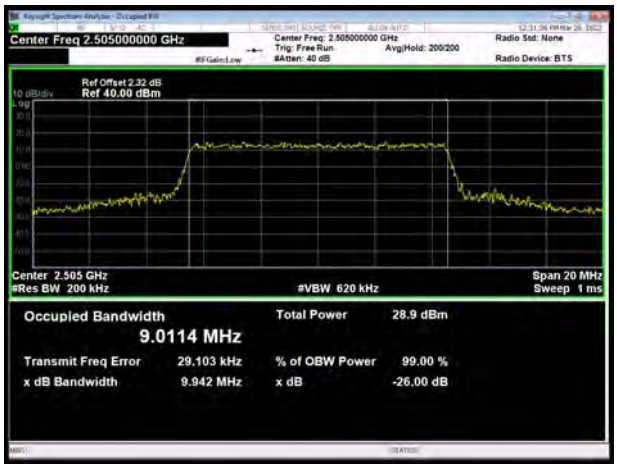
LTE Band 7 QPSK 20MHz CH-High



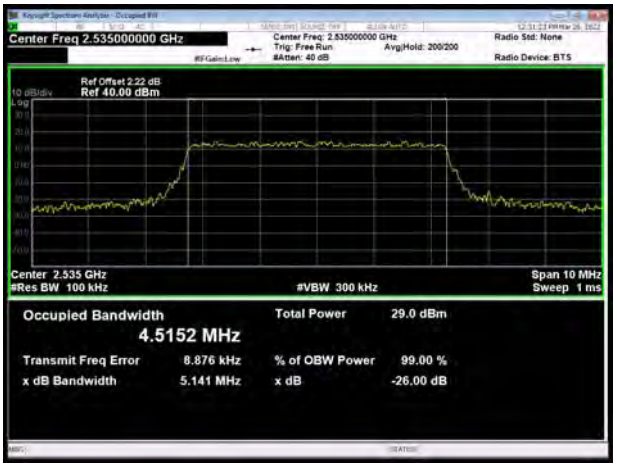
LTE Band 7 16QAM 5MHz CH-Low



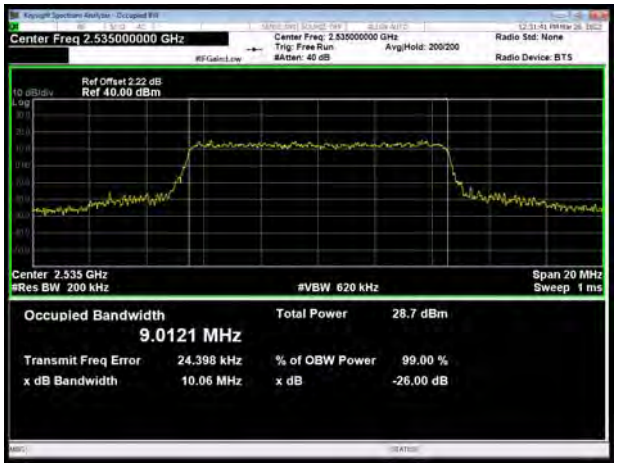
LTE Band 7 16QAM 10MHz CH-Low



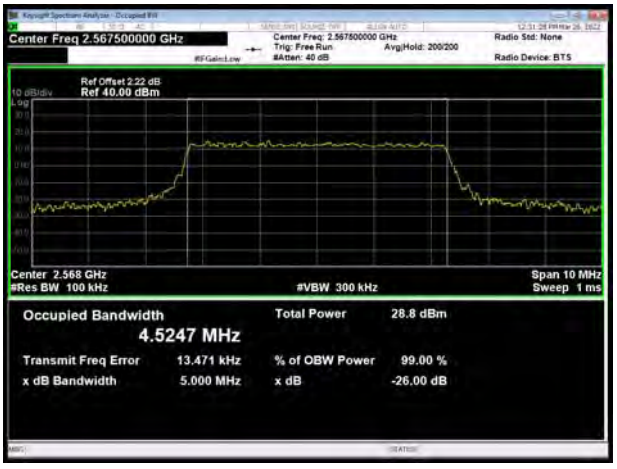
LTE Band 7 16QAM 5MHz CH-Middle



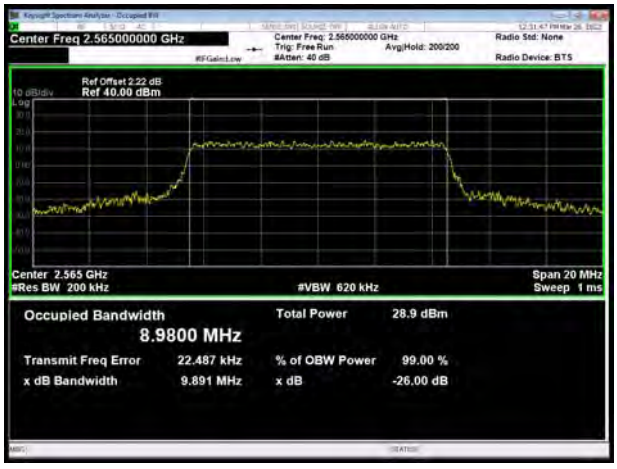
LTE Band 7 16QAM 10MHz CH-Middle



LTE Band 7 16QAM 5MHz CH-High

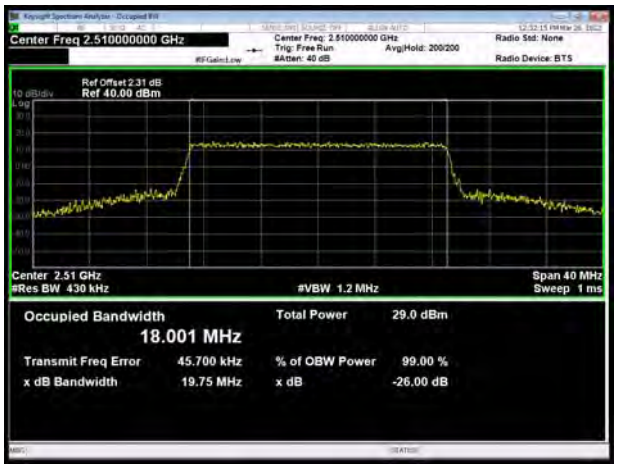


LTE Band 7 16QAM 10MHz CH-High

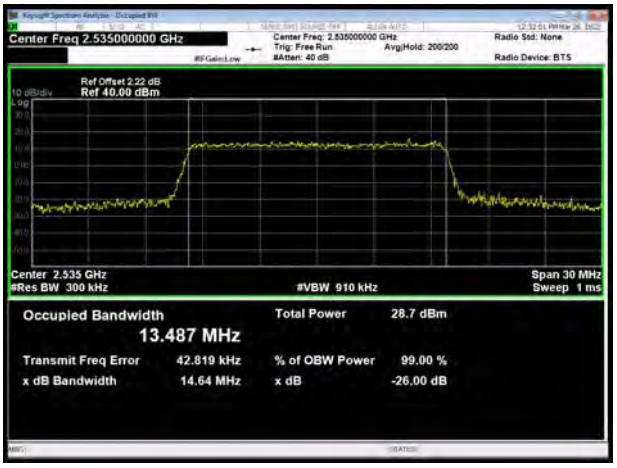


LTE Band 7 16QAM 15MHz CH-Low

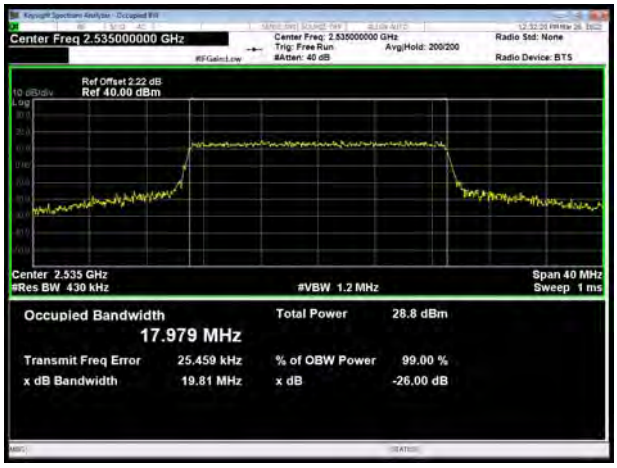
LTE Band 7 16QAM 20MHz CH-Low



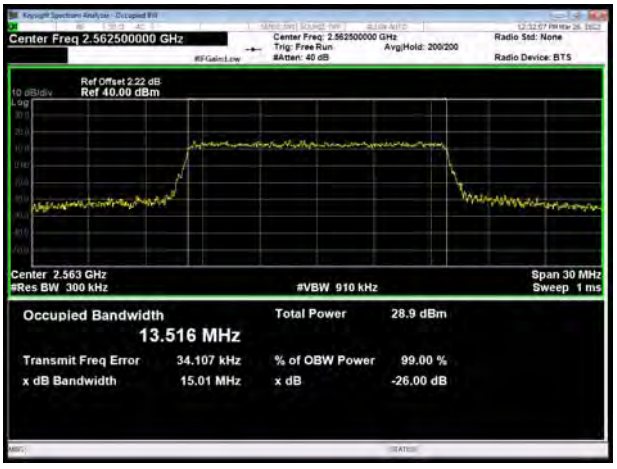
LTE Band 7 16QAM 15MHz CH-Middle



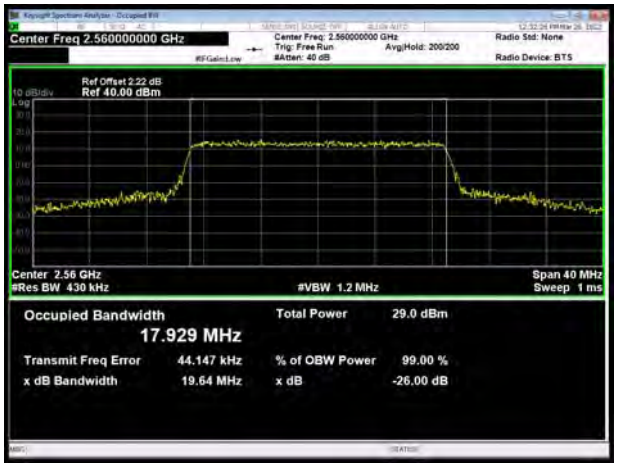
LTE Band 7 16QAM 20MHz CH-Middle



LTE Band 7 16QAM 15MHz CH-High

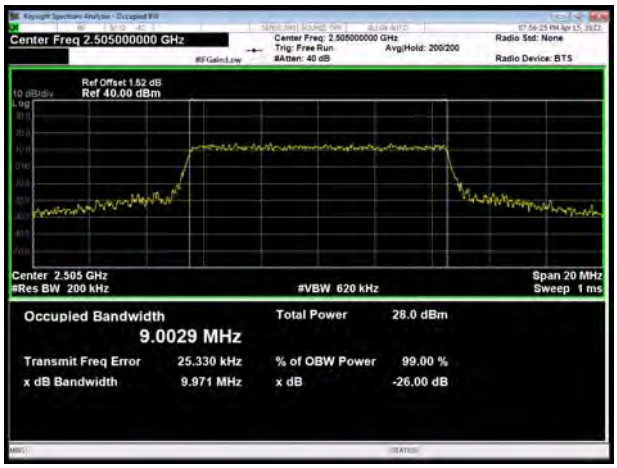


LTE Band 7 16QAM 20MHz CH-High

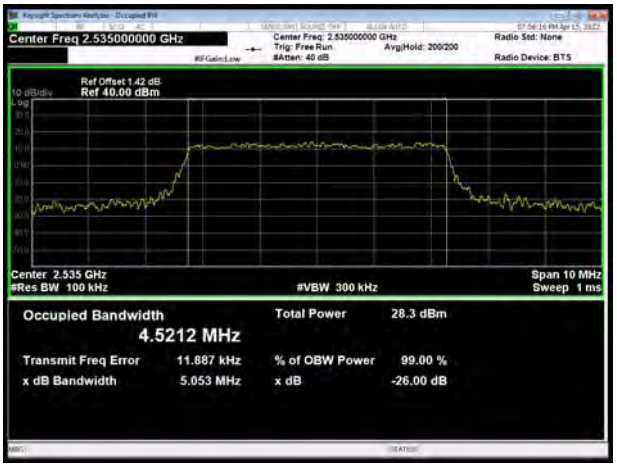


LTE Band 7 64QAM 5MHz CH-Low

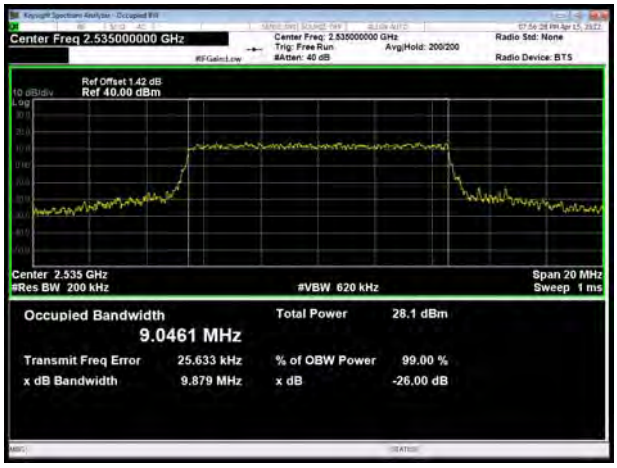
LTE Band 7 64QAM 10MHz CH-Low



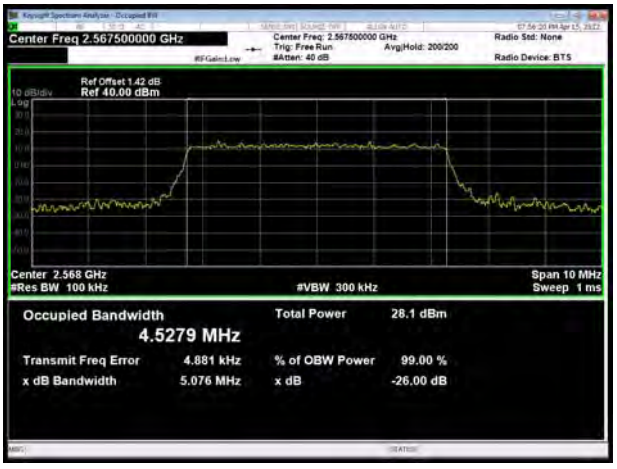
LTE Band 7 64QAM 5MHz CH-Middle



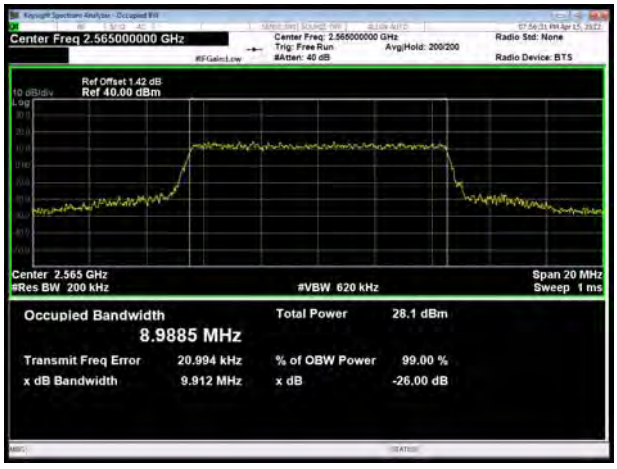
LTE Band 7 64QAM 10MHz CH-Middle



LTE Band 7 64QAM 5MHz CH-High



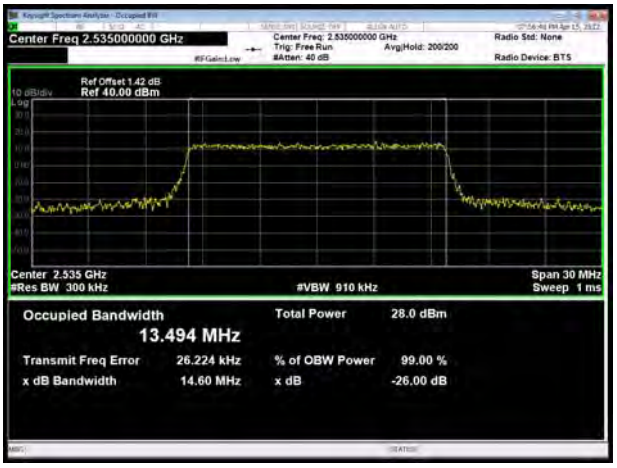
LTE Band 7 64QAM 10MHz CH-High



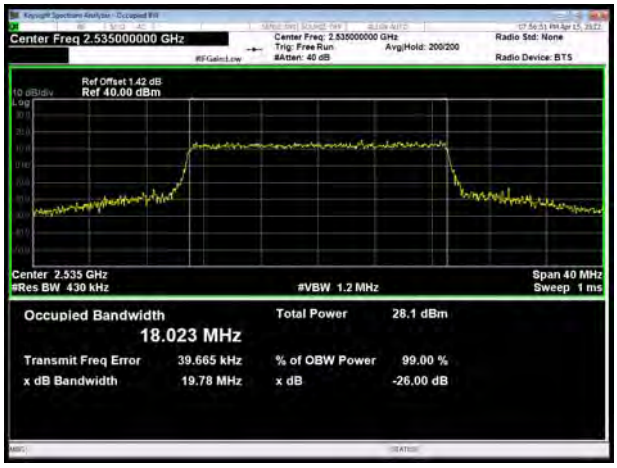
LTE Band 7 64QAM 15MHz CH-Low

LTE Band 7 64QAM 20MHz CH-Low

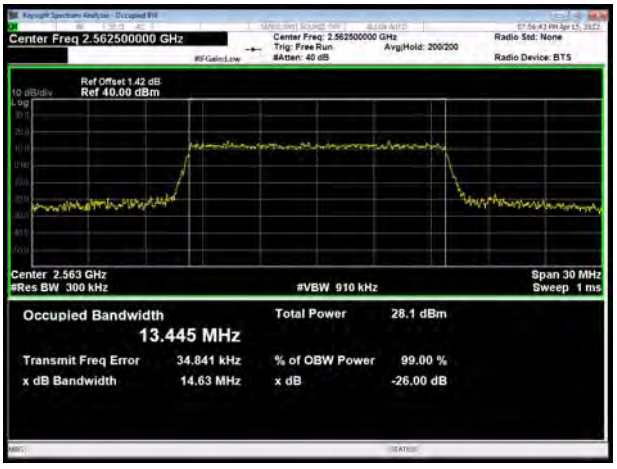
LTE Band 7 64QAM 15MHz CH-Middle



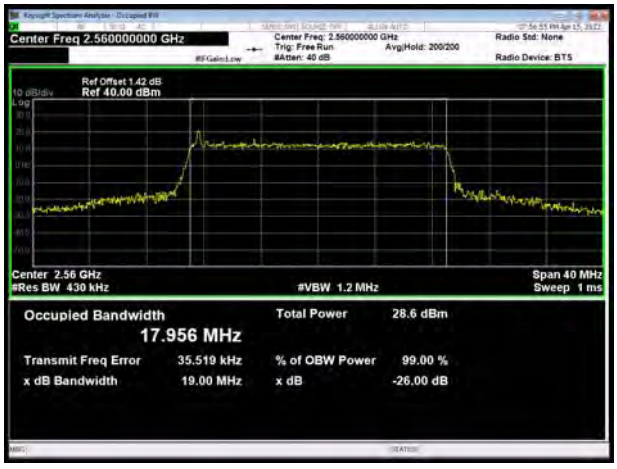
LTE Band 7 64QAM 20MHz CH-Middle



LTE Band 7 64QAM 15MHz CH-High

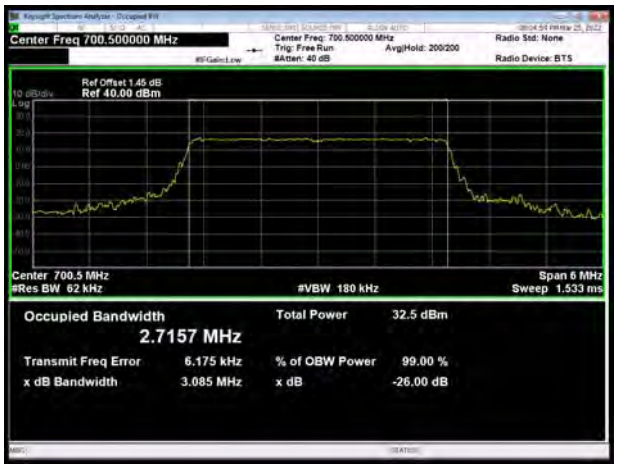


LTE Band 7 64QAM 20MHz CH-High

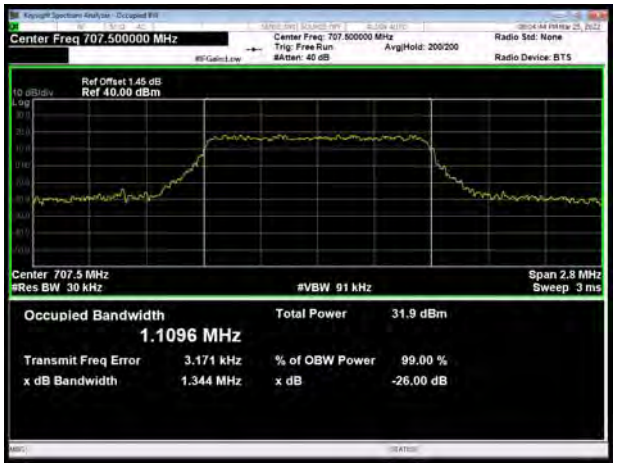


LTE Band 12 QPSK 1.4MHz CH-Low

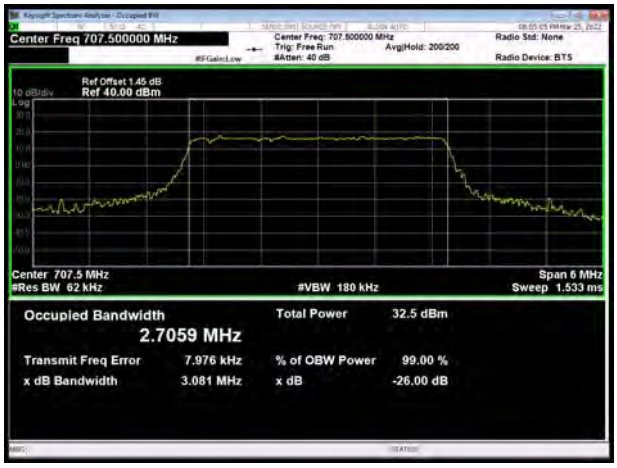
LTE Band 12 QPSK 3MHz CH-Low



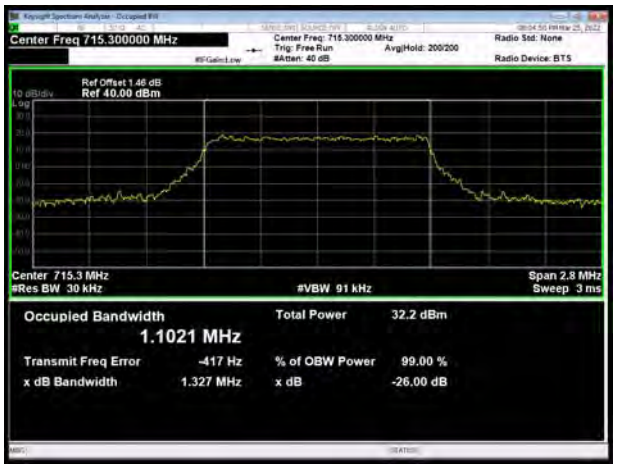
LTE Band 12 QPSK 1.4MHz CH-Middle



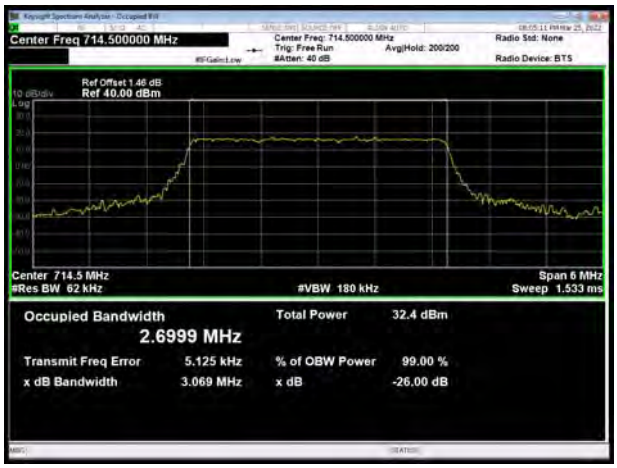
LTE Band 12 QPSK 3MHz CH-Middle



LTE Band 12 QPSK 1.4MHz CH-High

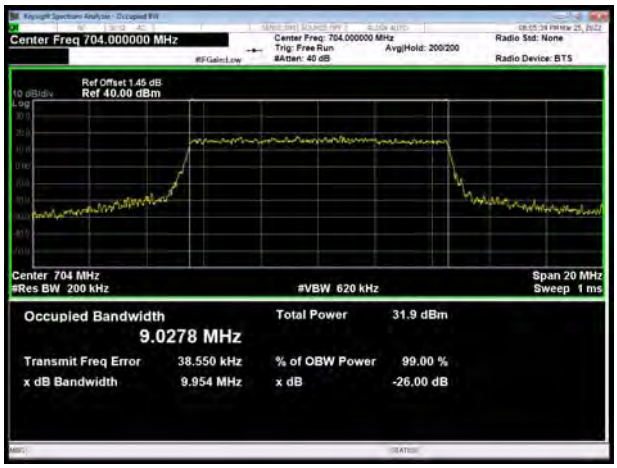


LTE Band 12 QPSK 3MHz CH-High



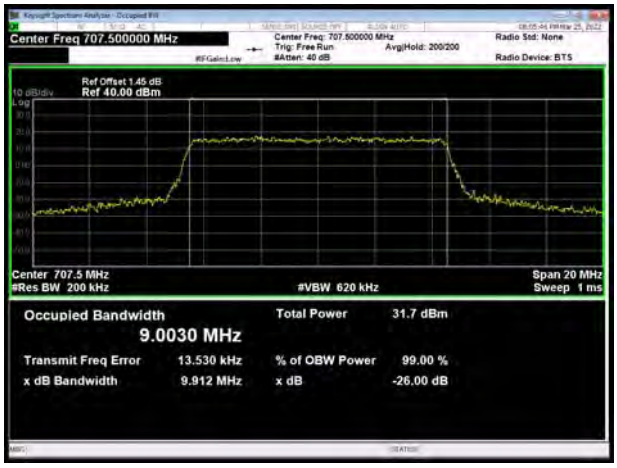
LTE Band 12 QPSK 5MHz CH-Low

LTE Band 12 QPSK 10MHz CH-Low

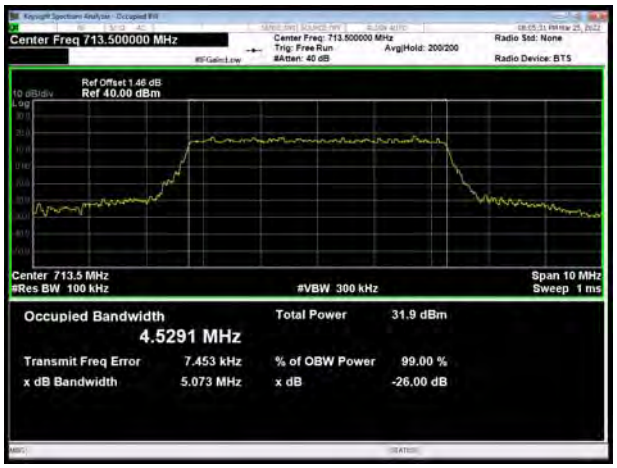


LTE Band 12 QPSK 5MHz CH-Middle

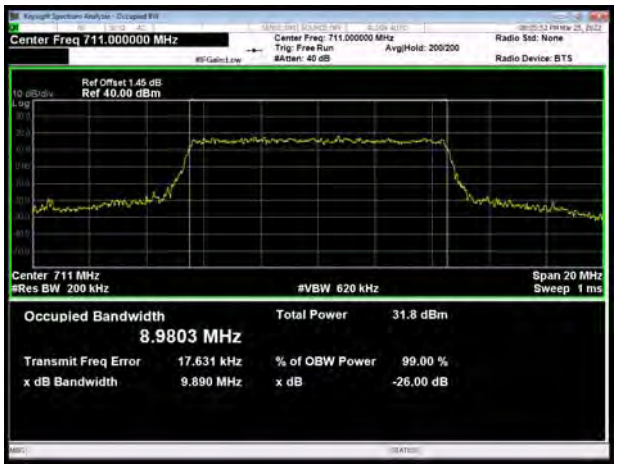
LTE Band 12 QPSK 10MHz CH-Middle



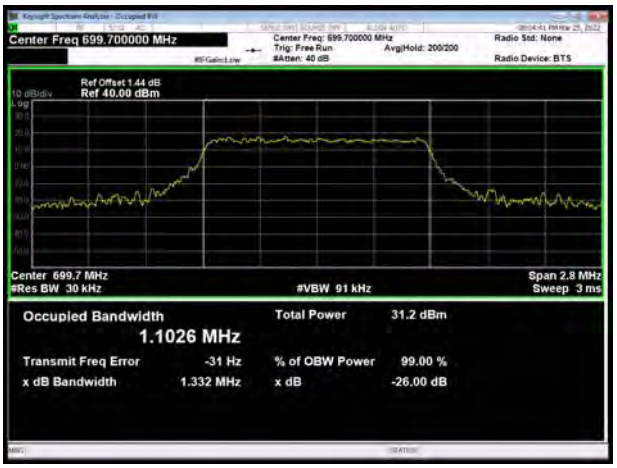
LTE Band 12 QPSK 5MHz CH-High



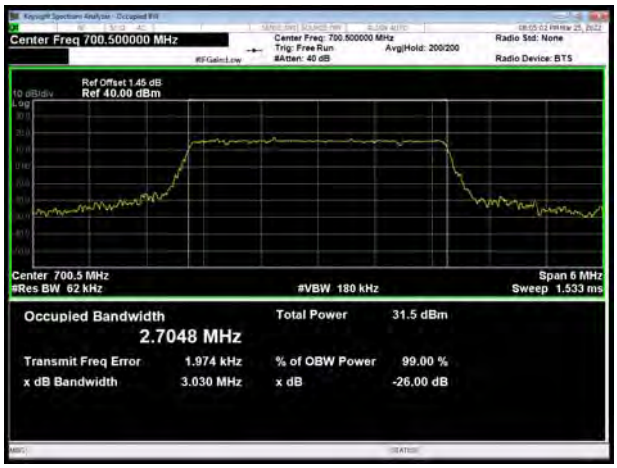
LTE Band 12 QPSK 10MHz CH-High



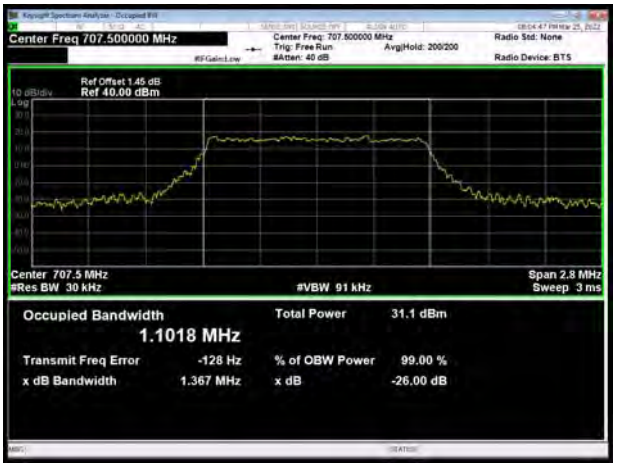
LTE Band 12 16QAM 1.4MHz CH-Low



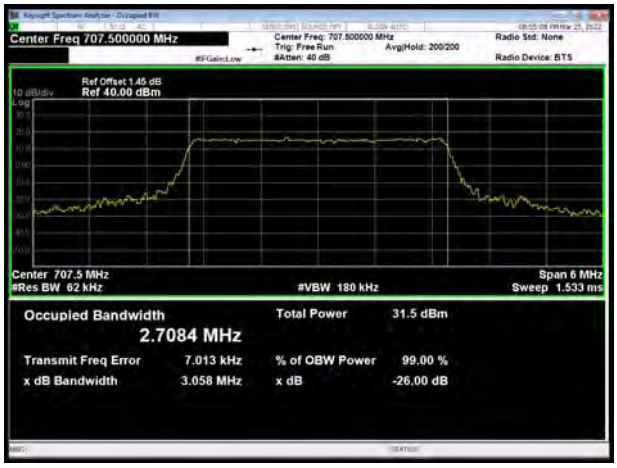
LTE Band 12 16QAM 3MHz CH-Low



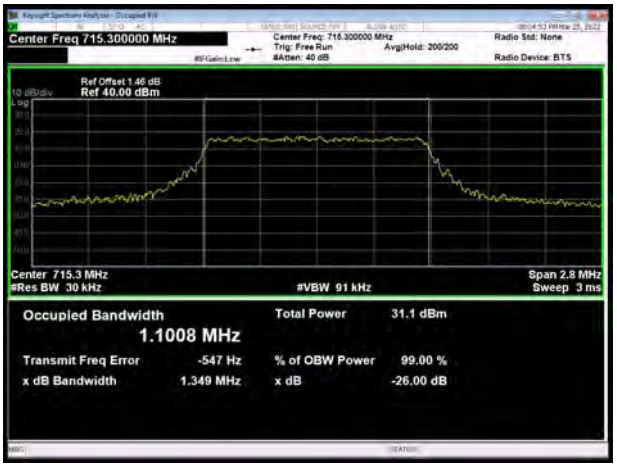
LTE Band 12 16QAM 1.4MHz CH-Middle



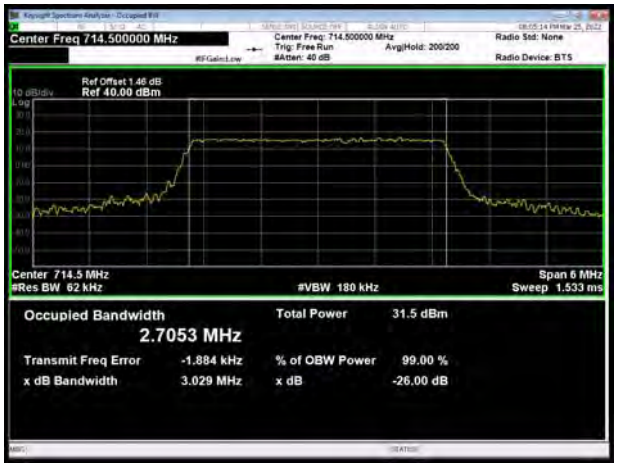
LTE Band 12 16QAM 3MHz CH-Middle



LTE Band 12 16QAM 1.4MHz CH-High

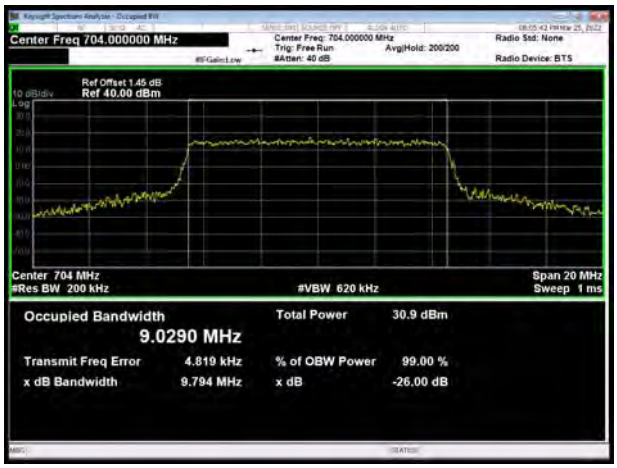


LTE Band 12 16QAM 3MHz CH-High

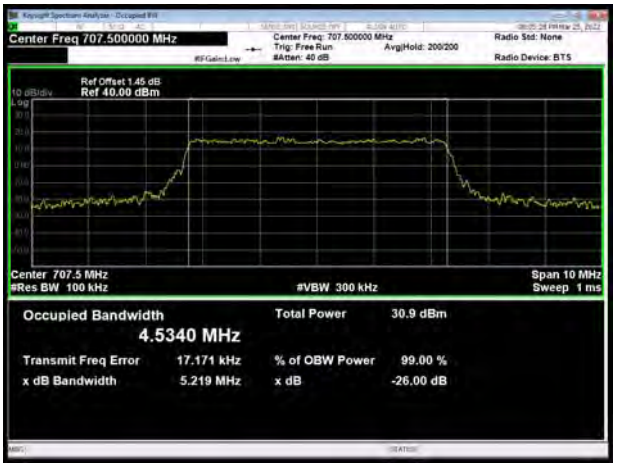


LTE Band 12 16QAM 5MHz CH-Low

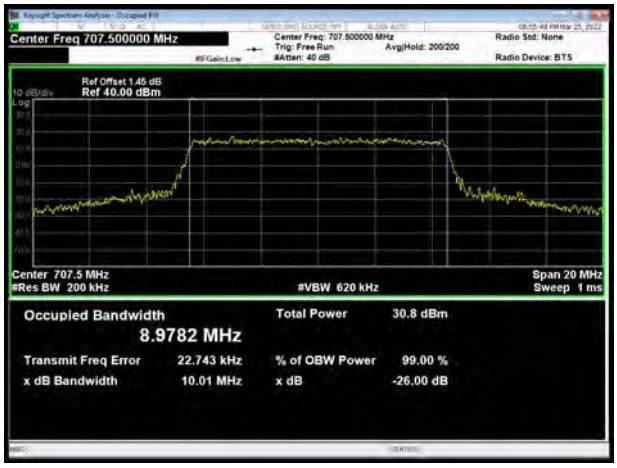
LTE Band 12 16QAM 10MHz CH-Low



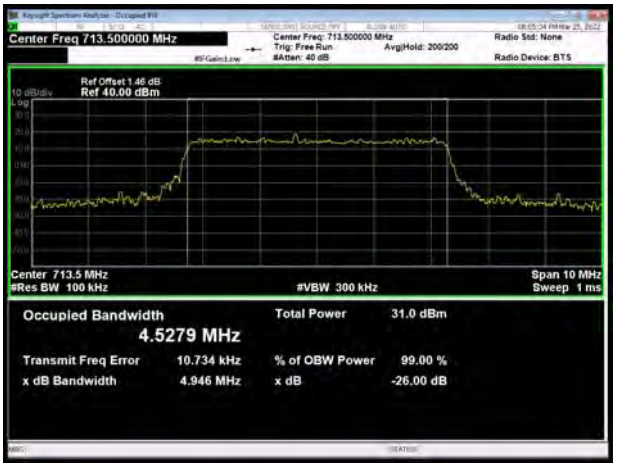
LTE Band 12 16QAM 5MHz CH-Middle



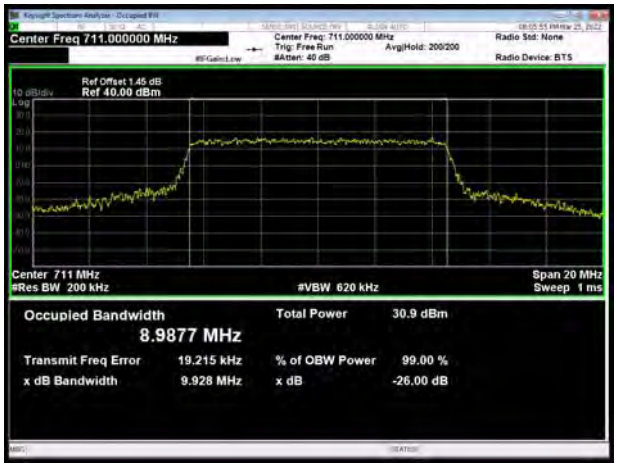
LTE Band 12 16QAM 10MHz CH-Middle



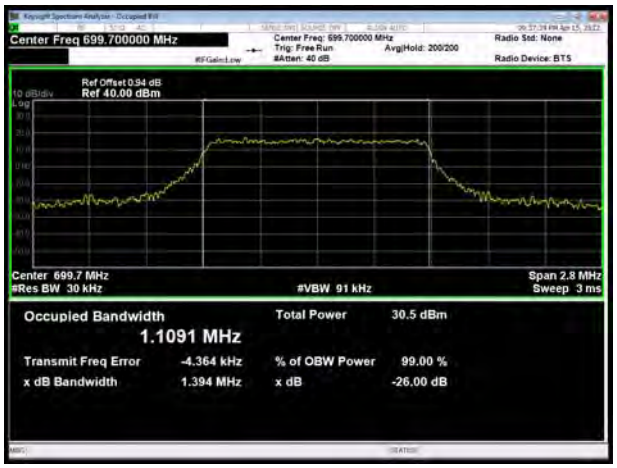
LTE Band 12 16QAM 5MHz CH-High



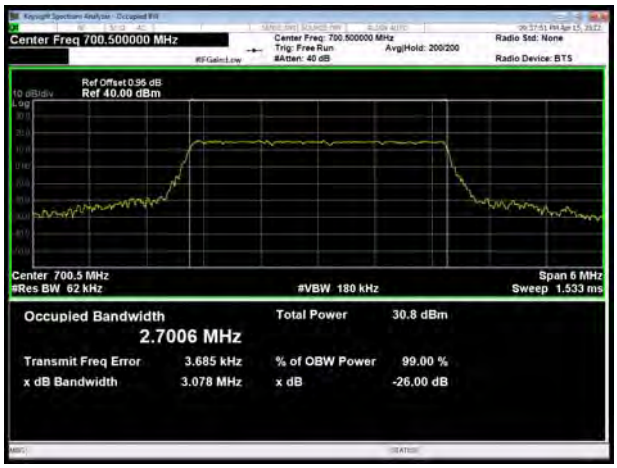
LTE Band 12 16QAM 10MHz CH-High



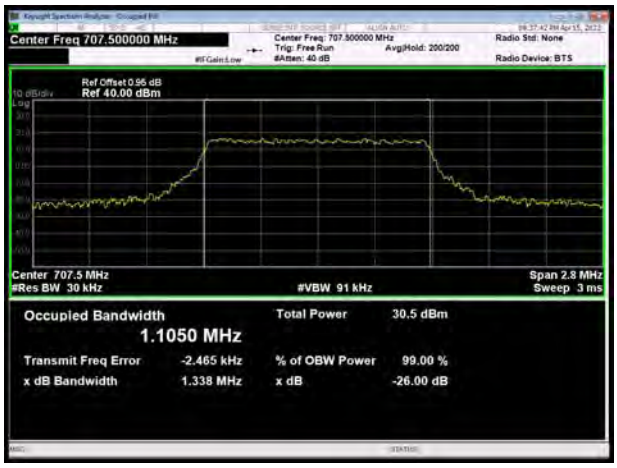
LTE Band 12 64QAM 1.4MHz CH-Low



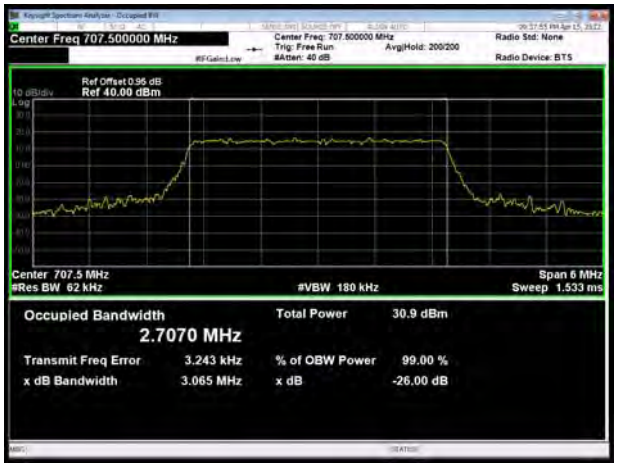
LTE Band 12 64QAM 3MHz CH-Low



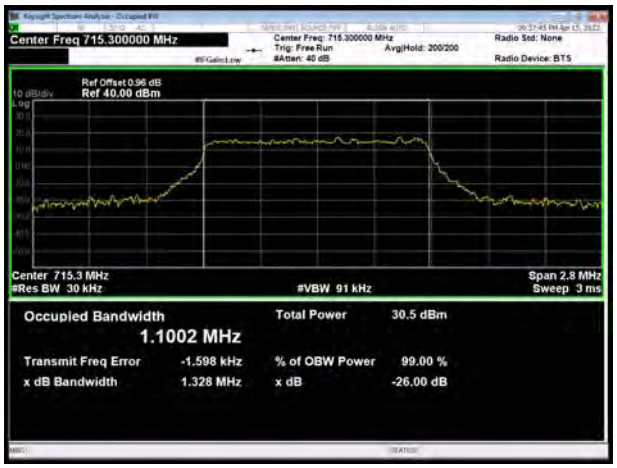
LTE Band 12 64QAM 1.4MHz CH-Middle



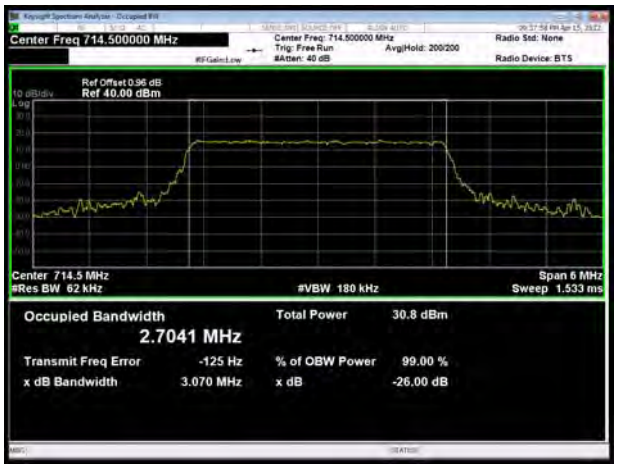
LTE Band 12 64QAM 3MHz CH-Middle



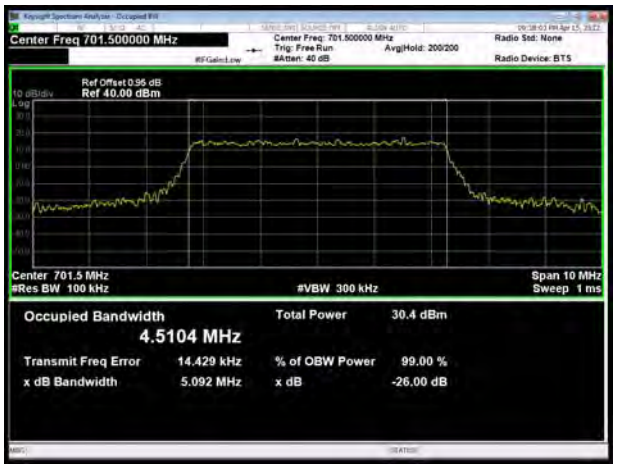
LTE Band 12 64QAM 1.4MHz CH-High



LTE Band 12 64QAM 3MHz CH-High

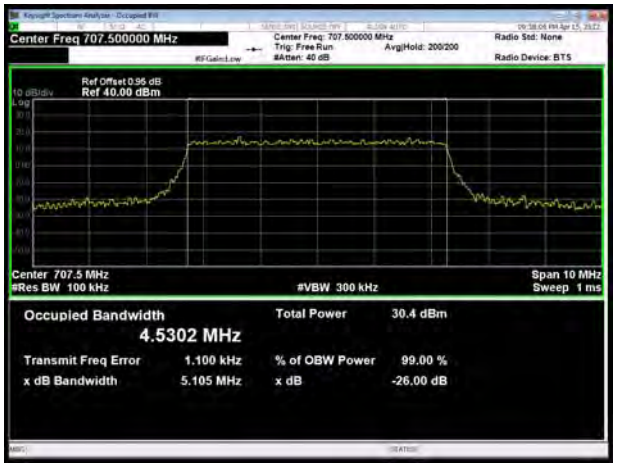


LTE Band 12 64QAM 5MHz CH-Low



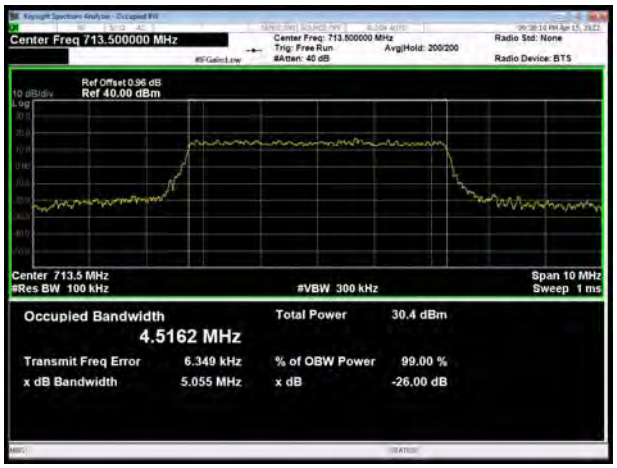
LTE Band 12 64QAM 10MHz CH-Low

LTE Band 12 64QAM 5MHz CH-Middle

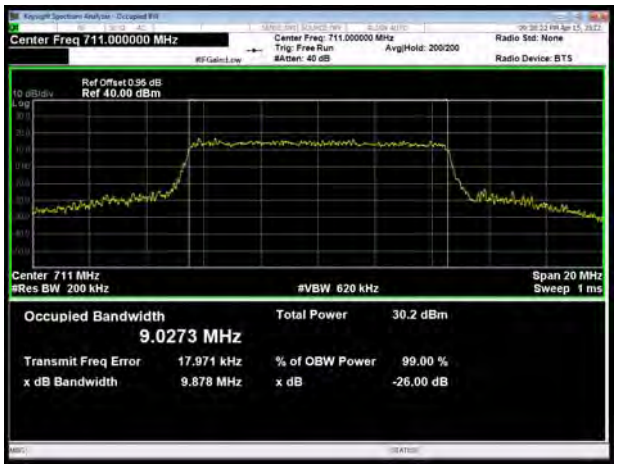


LTE Band 12 64QAM 10MHz CH-Middle

LTE Band 12 64QAM 5MHz CH-High



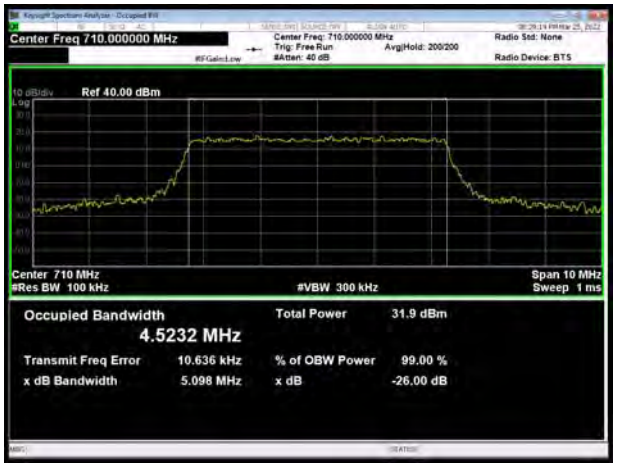
LTE Band 12 64QAM 10MHz CH-High



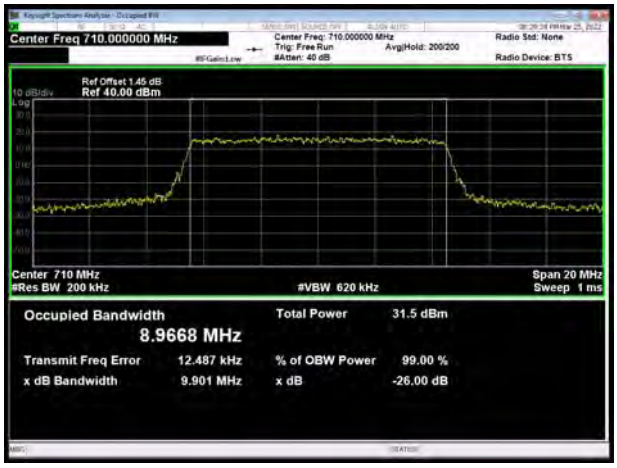
LTE Band 17 QPSK 5MHz CH-Low

LTE Band 17 QPSK 10MHz CH-Low

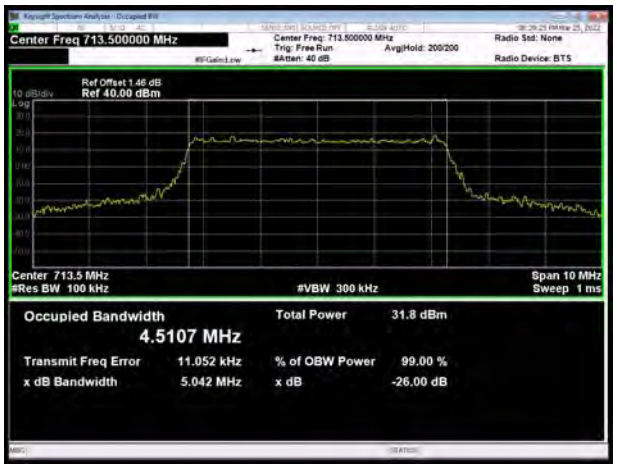
LTE Band 17 QPSK 5MHz CH-Middle



LTE Band 17 QPSK 10MHz CH-Middle



LTE Band 17 QPSK 5MHz CH-High



LTE Band 17 QPSK 10MHz CH-High

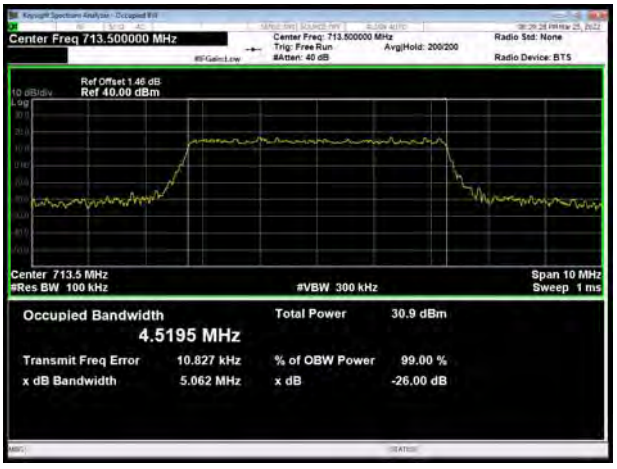
LTE Band 17 16QAM 5MHz CH-Low

LTE Band 17 16QAM 10MHz CH-Low

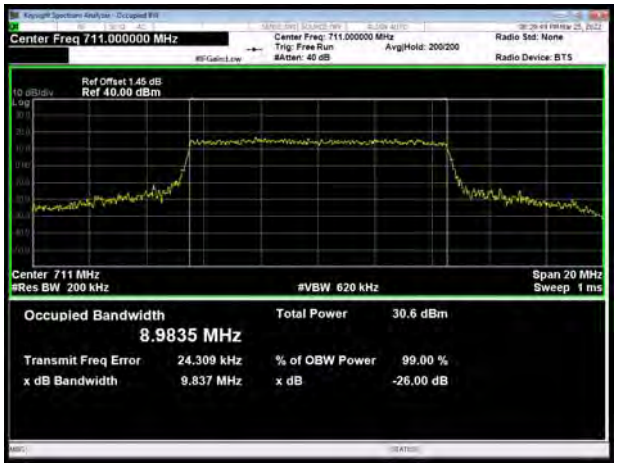
LTE Band 17 16QAM 5MHz CH-Middle

LTE Band 17 16QAM 10MHz CH-Middle

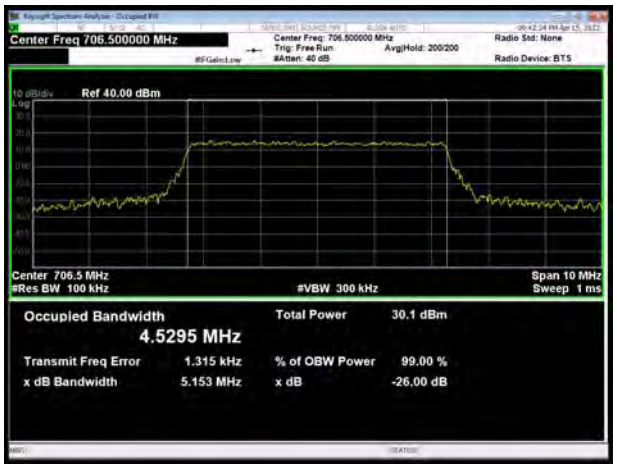
LTE Band 17 16QAM 5MHz CH-High



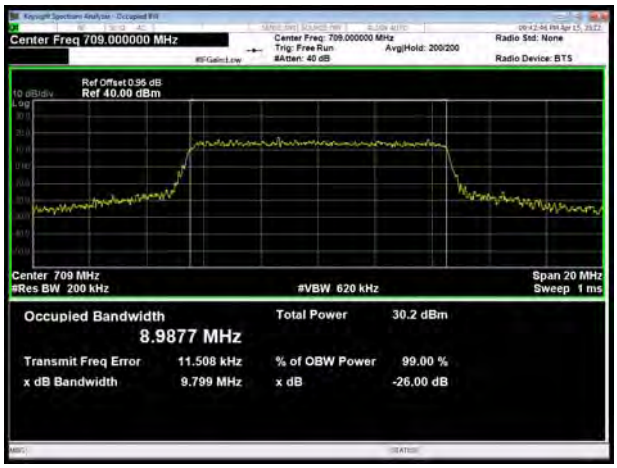
LTE Band 17 16QAM 10MHz CH-High



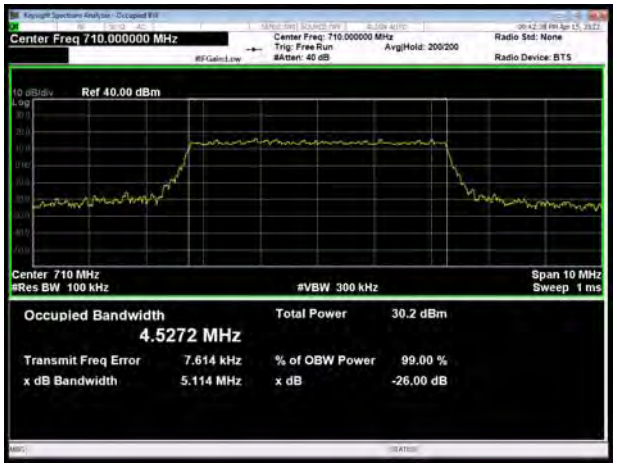
LTE Band 17 64QAM 5MHz CH-Low



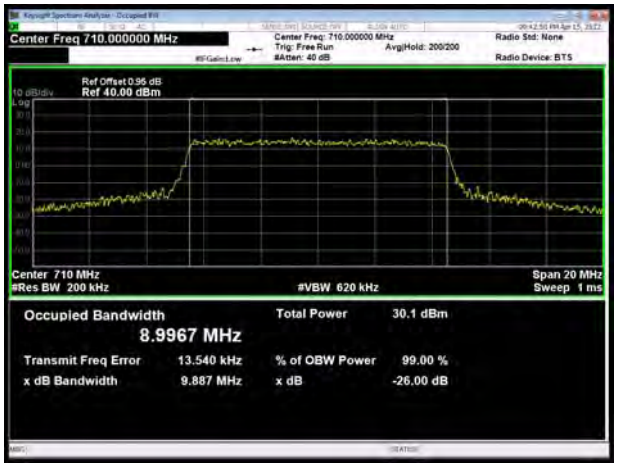
LTE Band 17 64QAM 10MHz CH-Low



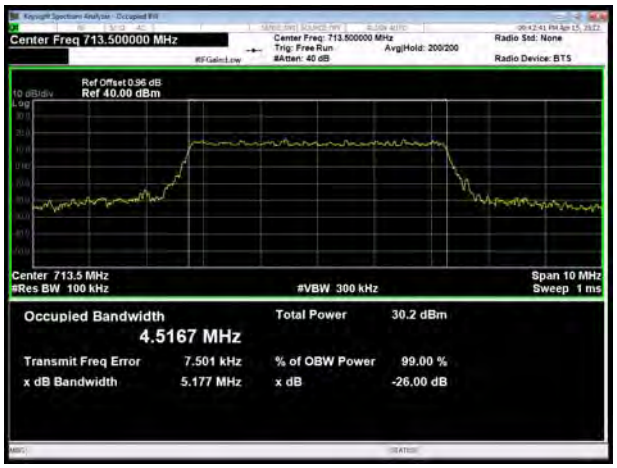
LTE Band 17 64QAM 5MHz CH-Middle



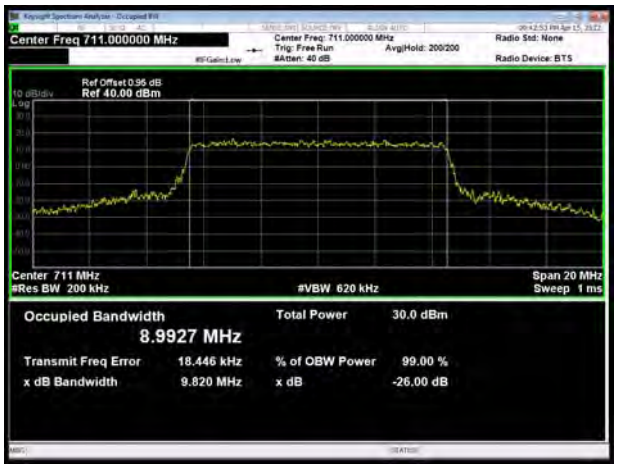
LTE Band 17 64QAM 10MHz CH-Middle



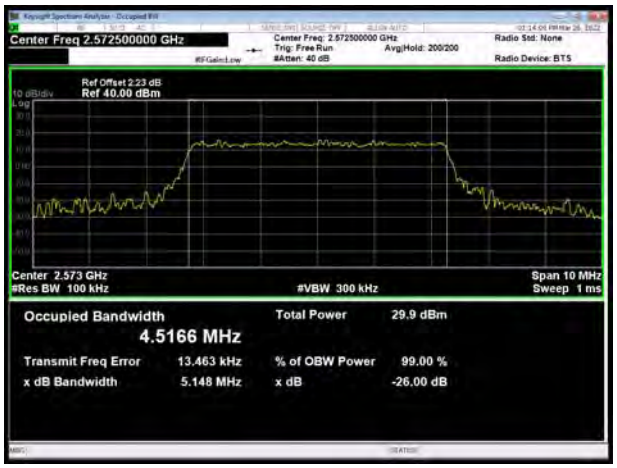
LTE Band 17 64QAM 5MHz CH-High



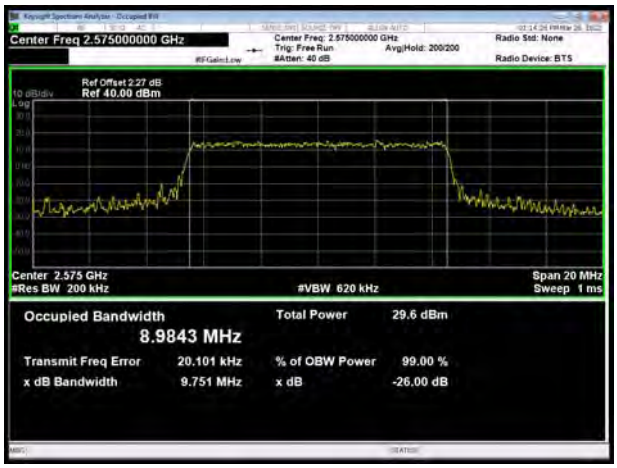
LTE Band 17 64QAM 10MHz CH-High



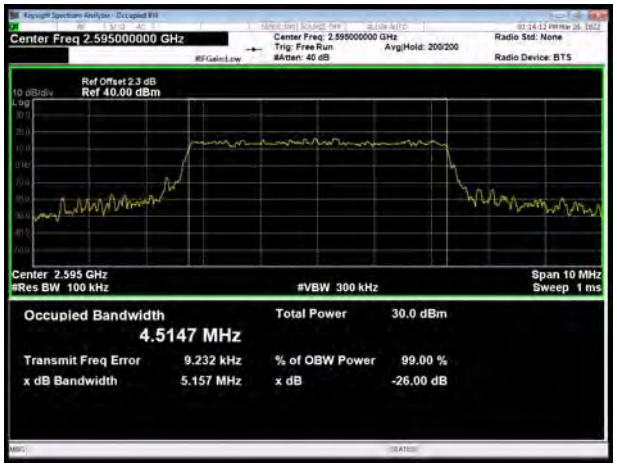
LTE Band 38 QPSK 5MHz CH-Low



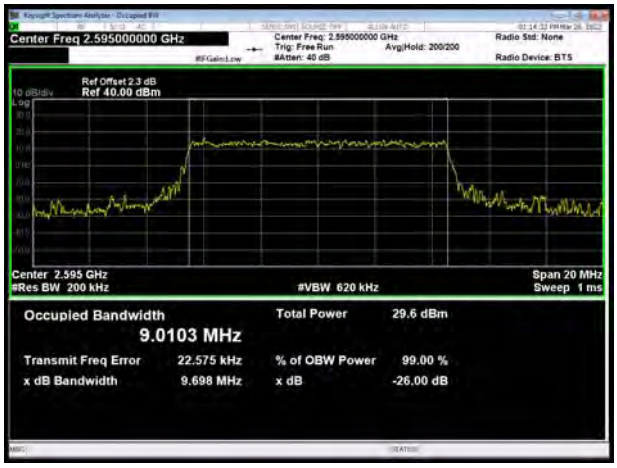
LTE Band 38 QPSK 10MHz CH-Low



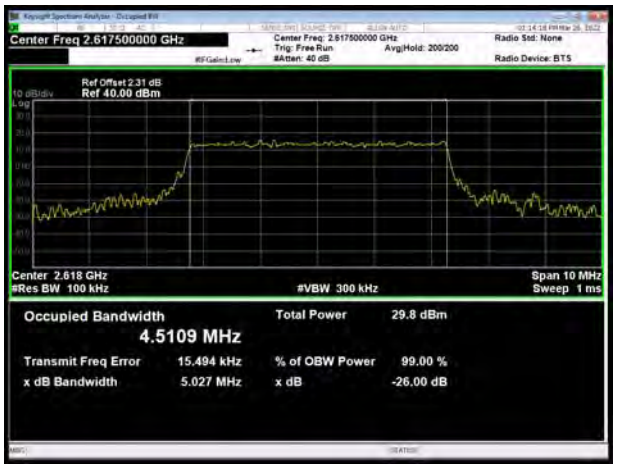
LTE Band 38 QPSK 5MHz CH-Middle



LTE Band 38 QPSK 10MHz CH-Middle



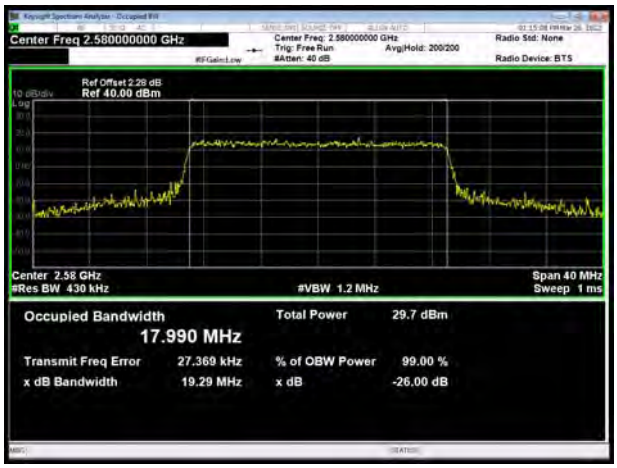
LTE Band 38 QPSK 5MHz CH-High



LTE Band 38 QPSK 10MHz CH-High

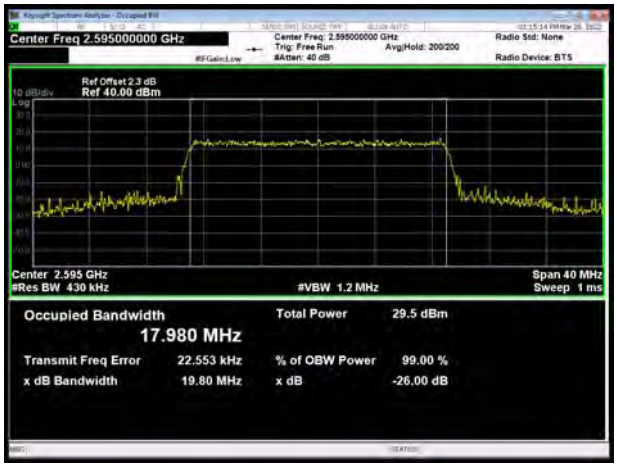
LTE Band 38 QPSK 15MHz CH-Low

LTE Band 38 QPSK 20MHz CH-Low

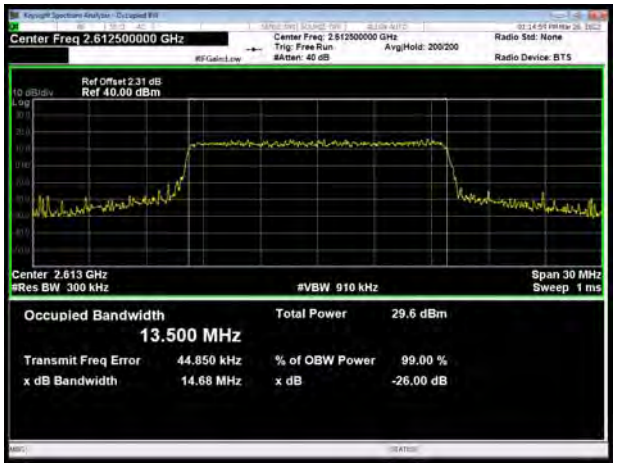


LTE Band 38 QPSK 15MHz CH-Middle

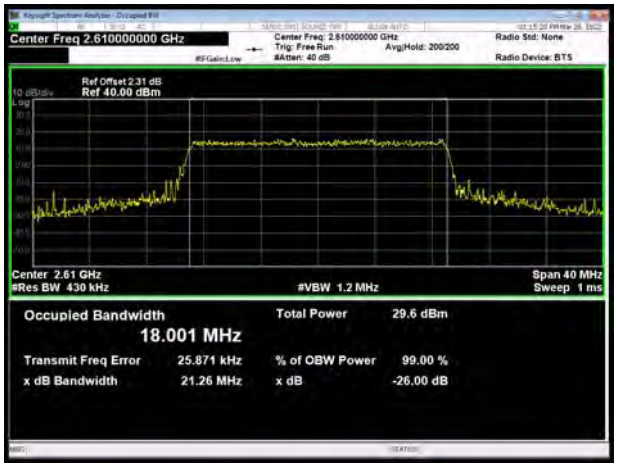
LTE Band 38 QPSK 20MHz CH-Middle



LTE Band 38 QPSK 15MHz CH-High

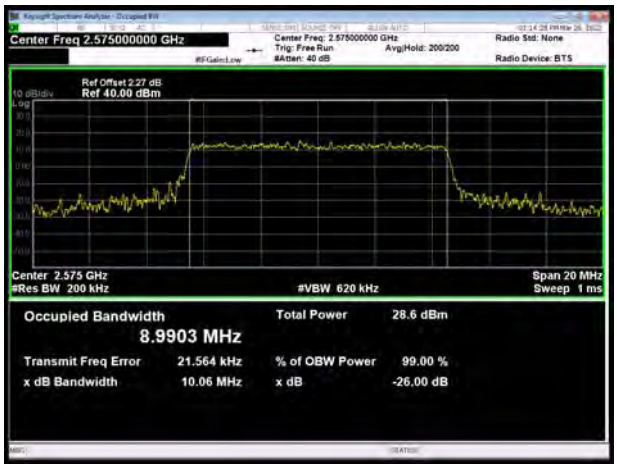


LTE Band 38 QPSK 20MHz CH-High

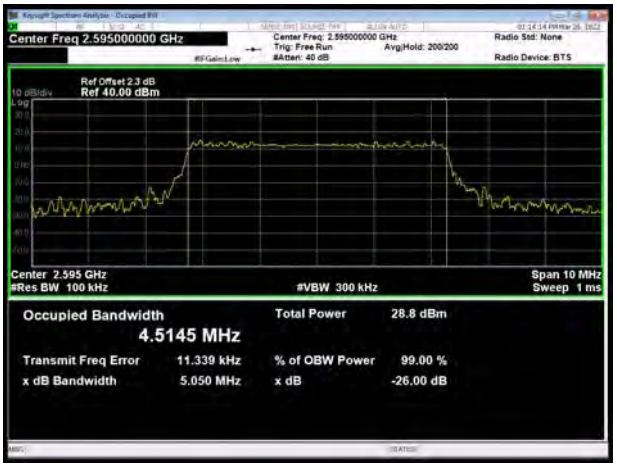


LTE Band 38 16QAM 5MHz CH-Low

LTE Band 38 16QAM 10MHz CH-Low

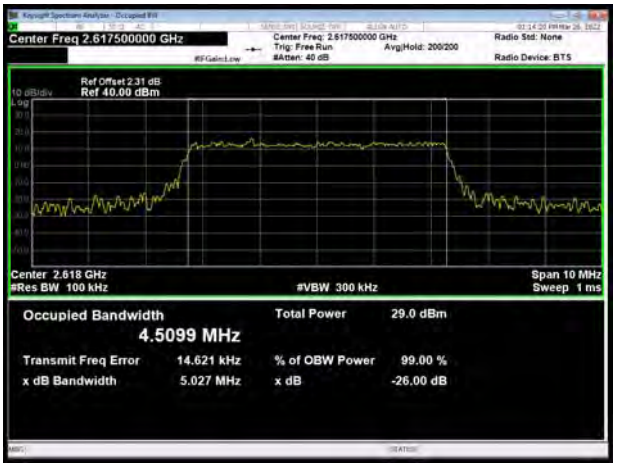


LTE Band 38 16QAM 5MHz CH-Middle

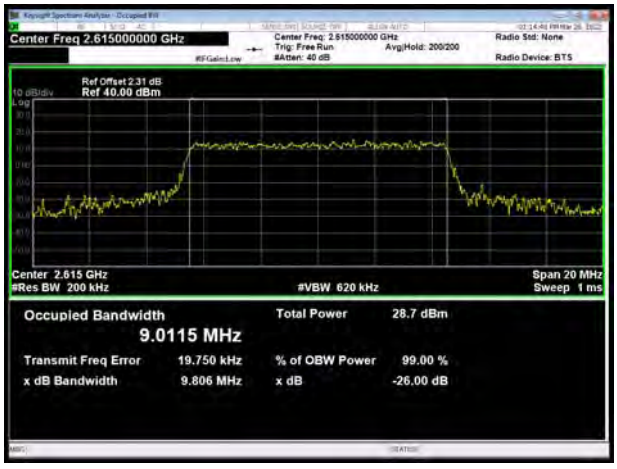


LTE Band 38 16QAM 10MHz CH-Middle

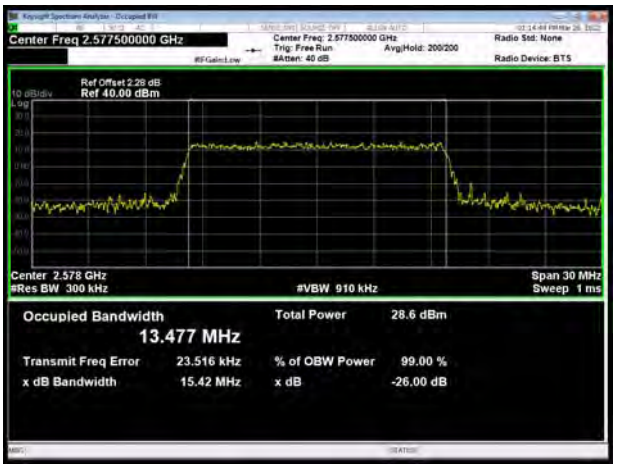
LTE Band 38 16QAM 5MHz CH-High



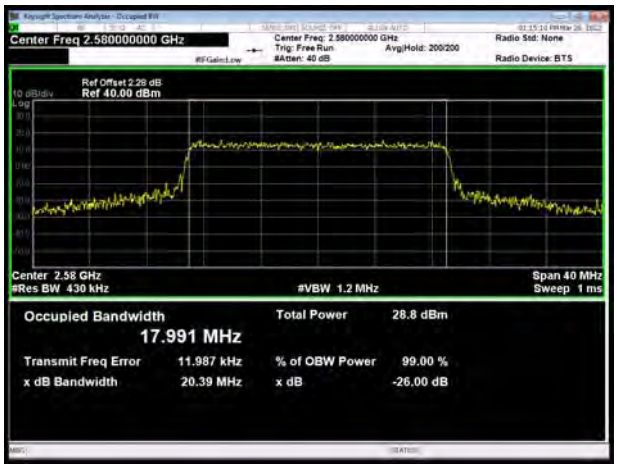
LTE Band 38 16QAM 10MHz CH-High



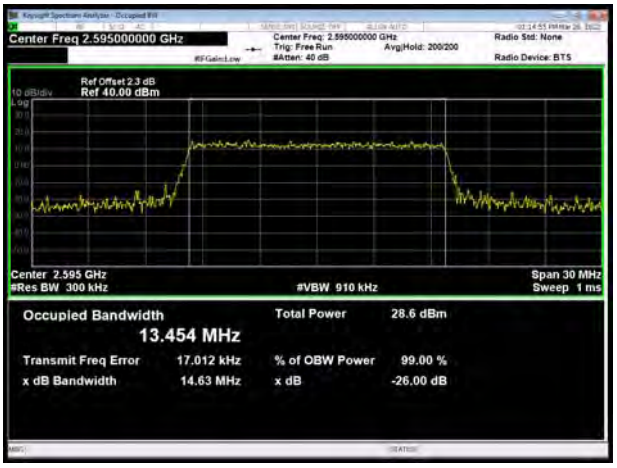
LTE Band 38 16QAM 15MHz CH-Low



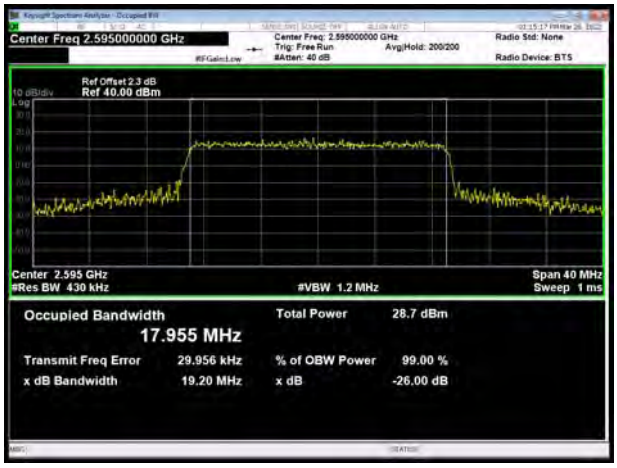
LTE Band 38 16QAM 20MHz CH-Low



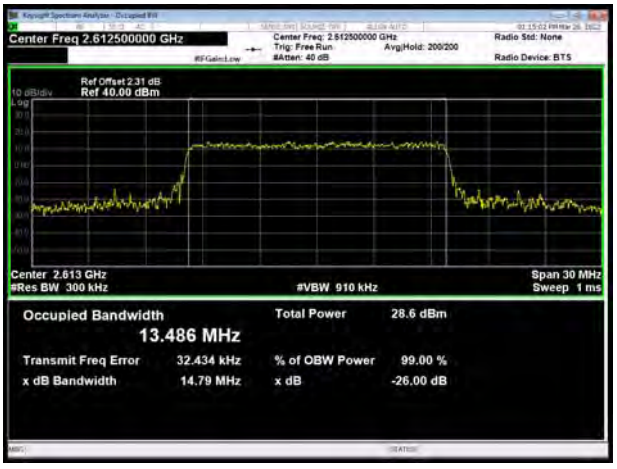
LTE Band 38 16QAM 15MHz CH-Middle



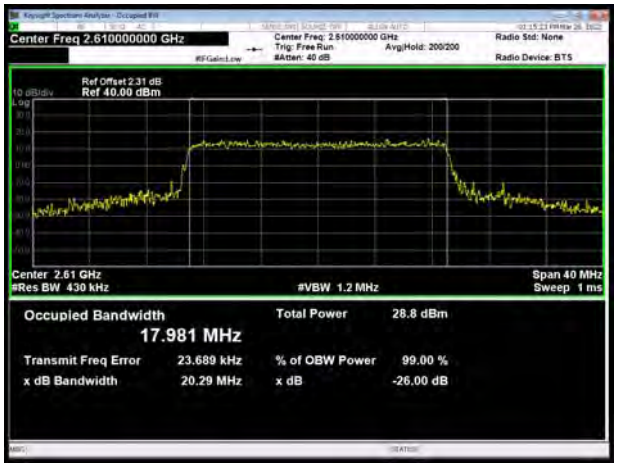
LTE Band 38 16QAM 20MHz CH-Middle



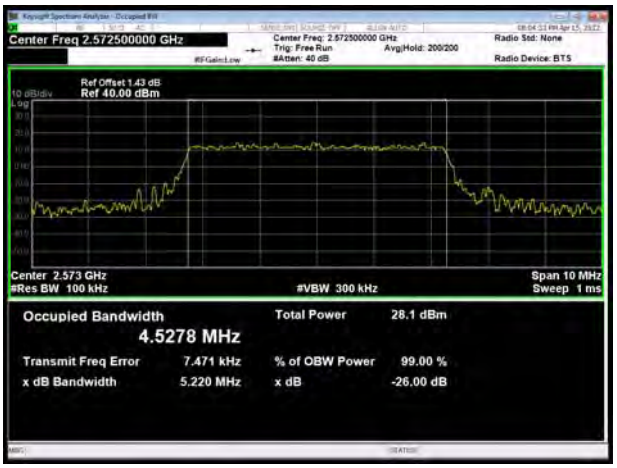
LTE Band 38 16QAM 15MHz CH-High



LTE Band 38 16QAM 20MHz CH-High



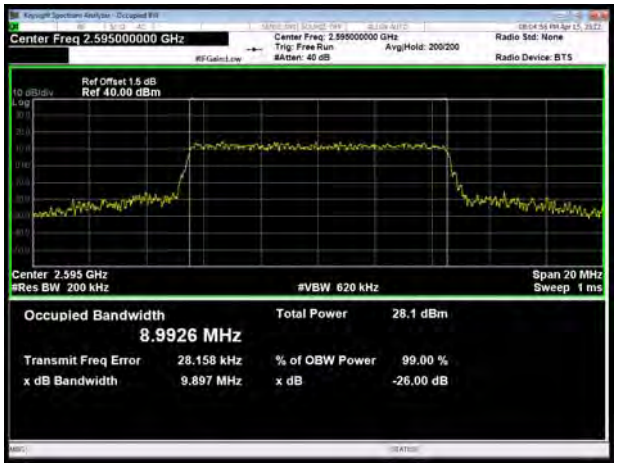
LTE Band 38 64QAM 5MHz CH-Low



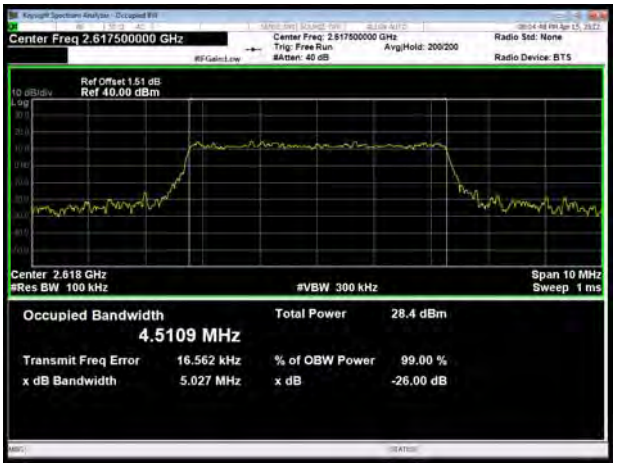
LTE Band 38 64QAM 10MHz CH-Low

LTE Band 38 64QAM 5MHz CH-Middle

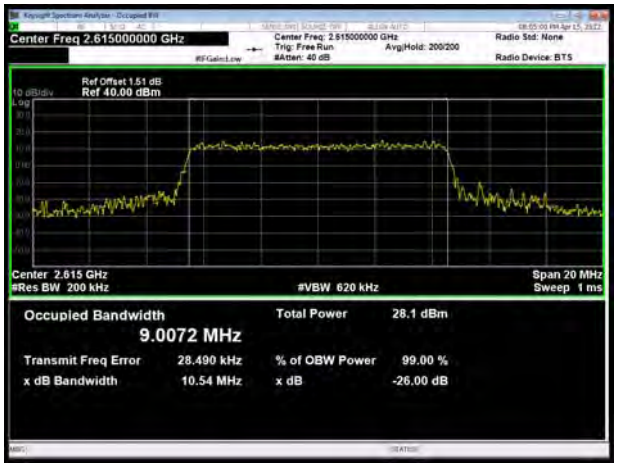
LTE Band 38 64QAM 10MHz CH-Middle



LTE Band 38 64QAM 5MHz CH-High

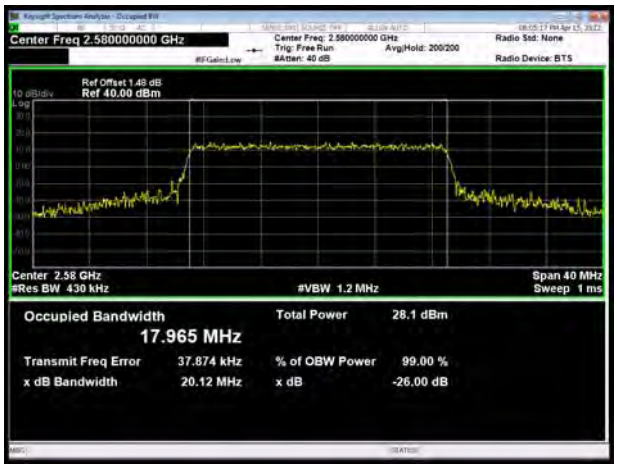


LTE Band 38 64QAM 10MHz CH-High

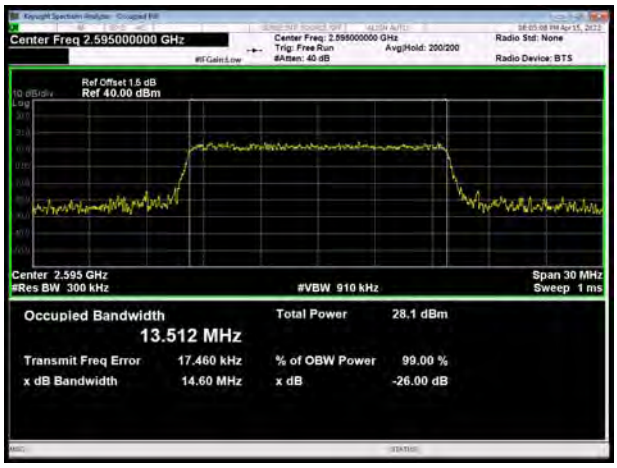


LTE Band 38 64QAM 15MHz CH-Low

LTE Band 38 64QAM 20MHz CH-Low



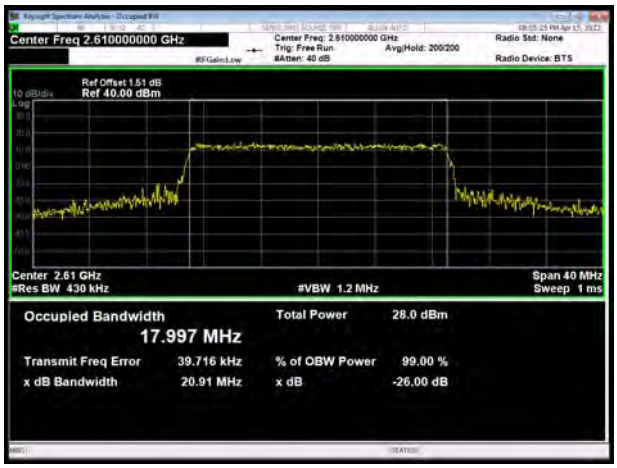
LTE Band 38 64QAM 15MHz CH-Middle



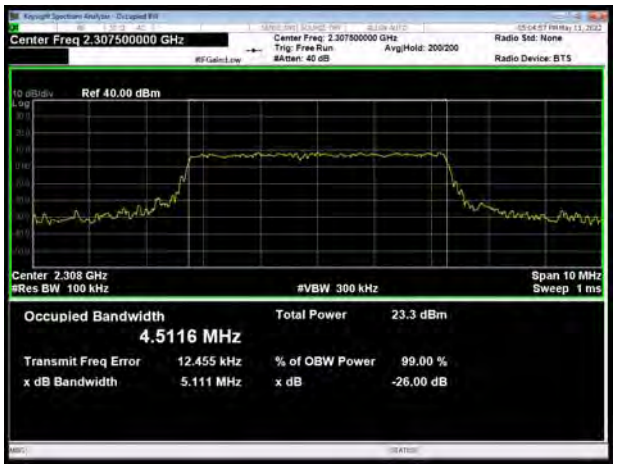
LTE Band 38 64QAM 20MHz CH-Middle

LTE Band 38 64QAM 15MHz CH-High

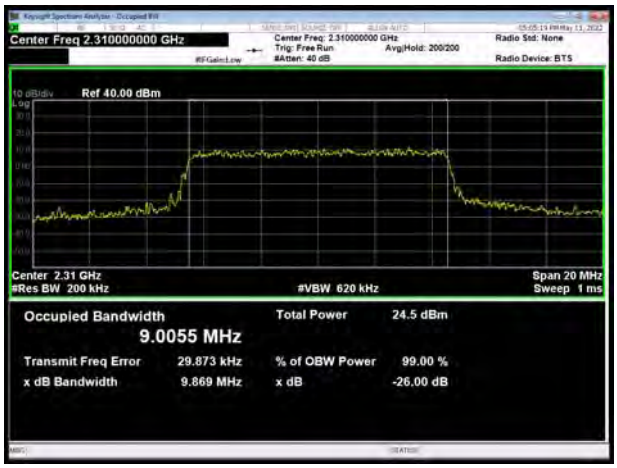
LTE Band 38 64QAM 20MHz CH-High



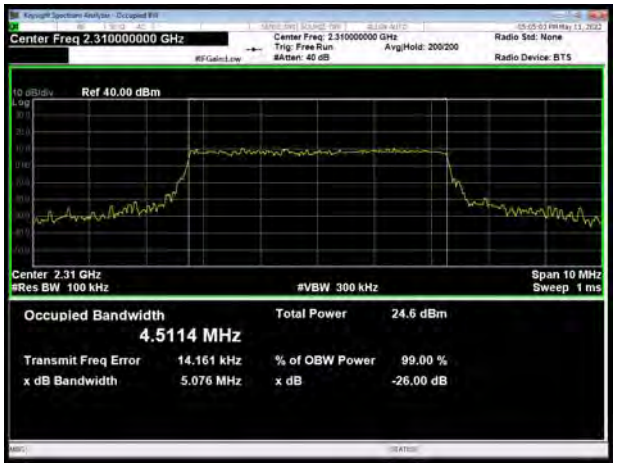
LTE Band 40 Subset 1 QPSK 5MHz CH-Low



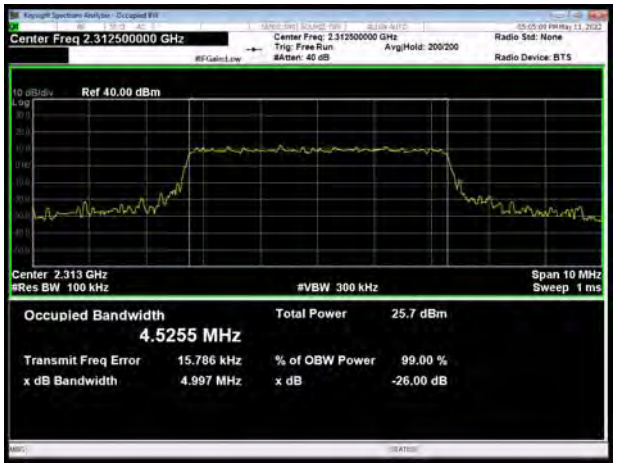
LTE Band 40 Subset 1 QPSK 10MHz



LTE Band 40 Subset 1 QPSK 5MHz CH-Middle

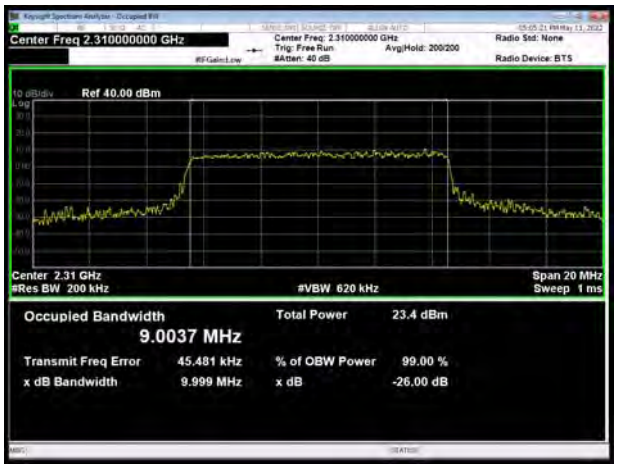


LTE Band 40 Subset 1 QPSK 5MHz CH-High

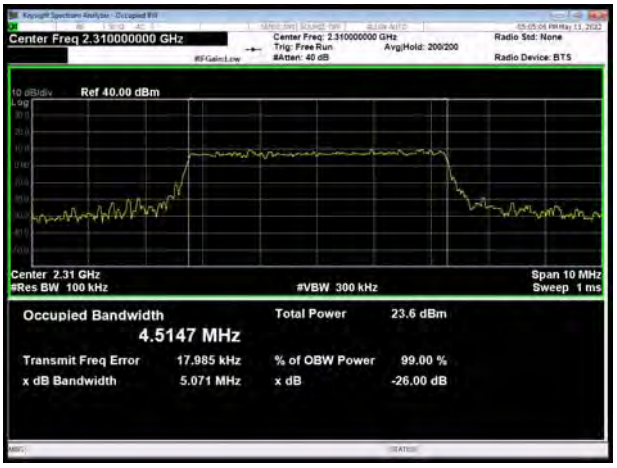


LTE Band 40 Subset 1 16QAM 5MHz CH-Low

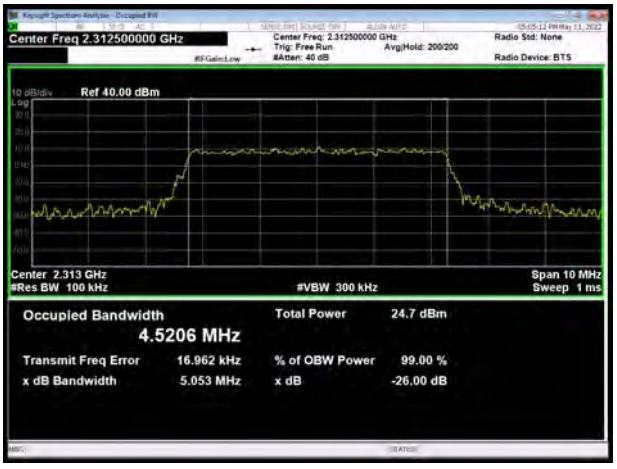
LTE Band 40 Subset 1 16QAM 10MHz



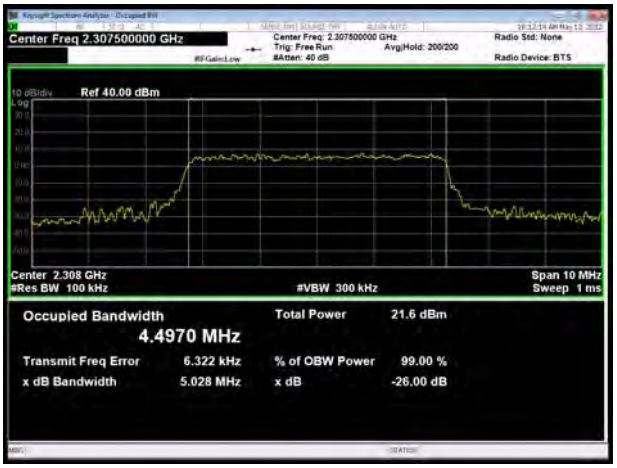
LTE Band 40 Subset 1 16QAM 5MHz CH-Middle



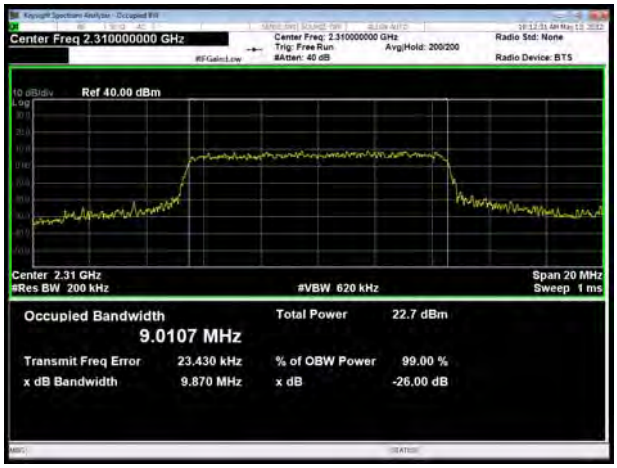
LTE Band 40 Subset 1 16QAM 5MHz CH-High



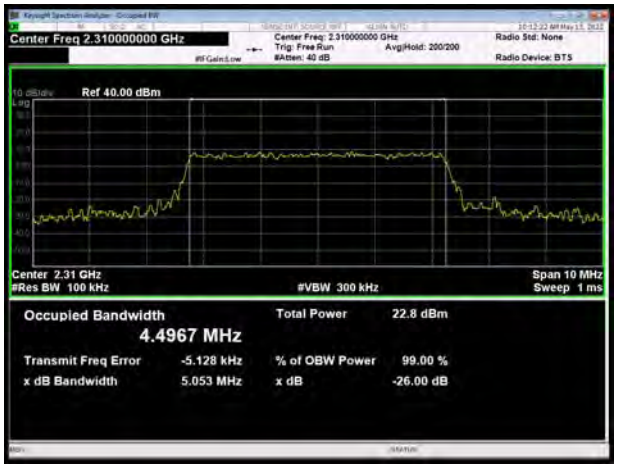
LTE Band 40 Subset 1 64QAM 5MHz CH-Low



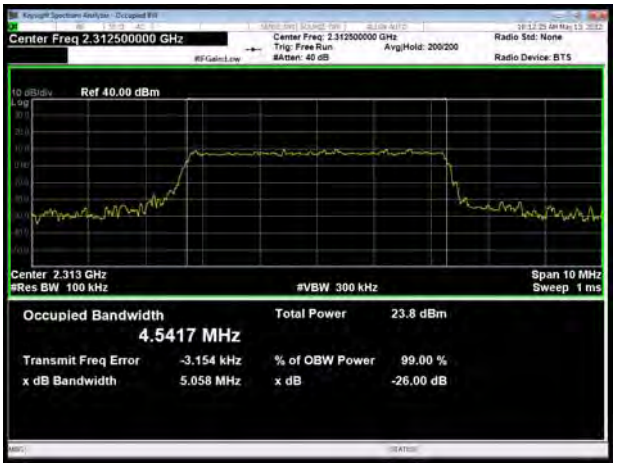
LTE Band 40 Subset 1 64QAM 10MHz



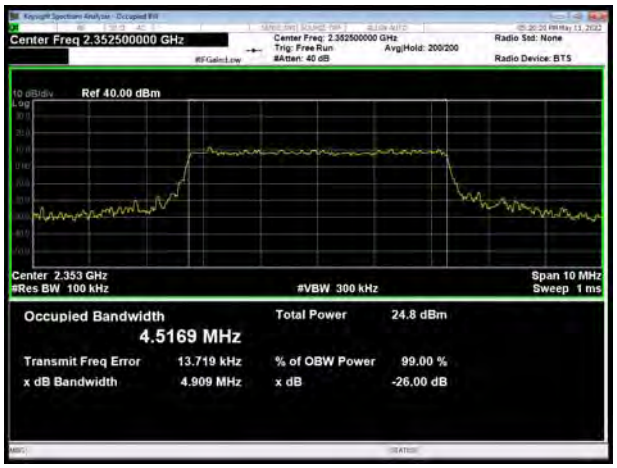
LTE Band 40 Subset 1 64QAM 5MHz CH-Middle



LTE Band 40 Subset 1 64QAM 5MHz CH-High

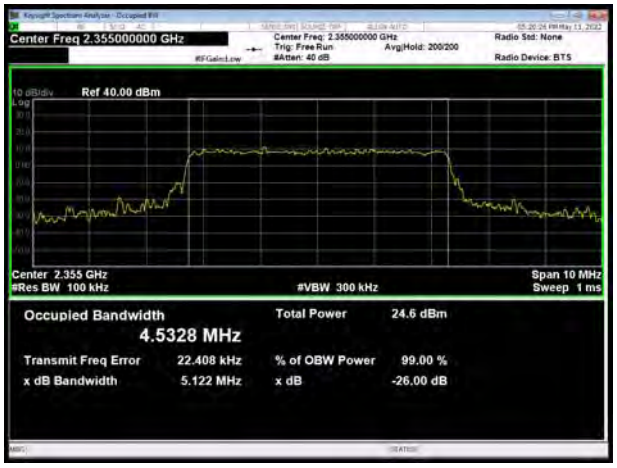


LTE Band 40 Subset 2 QPSK 5MHz CH-Low

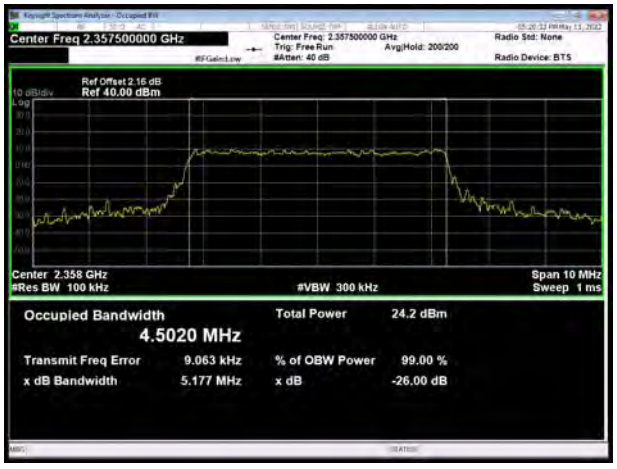


LTE Band 40 Subset 2 QPSK 10MHz

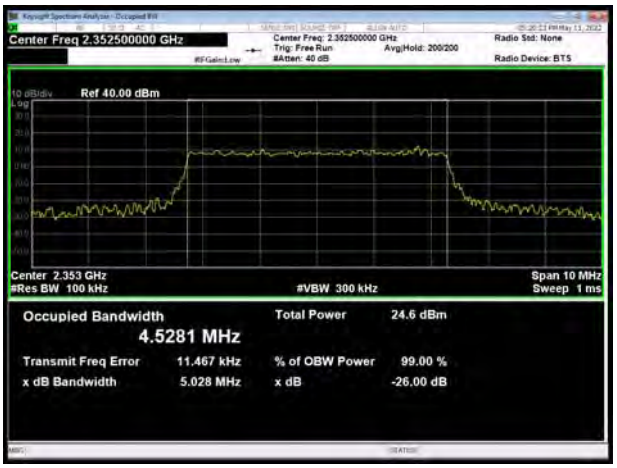
LTE Band 40 Subset 2 QPSK 5MHz CH-Middle



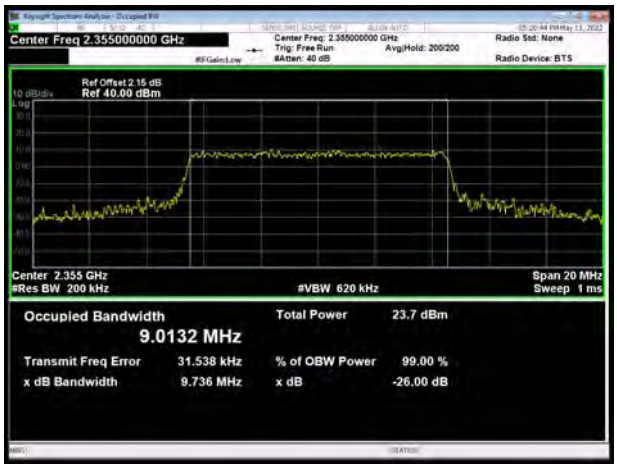
LTE Band 40 Subset 2 QPSK 5MHz CH-High



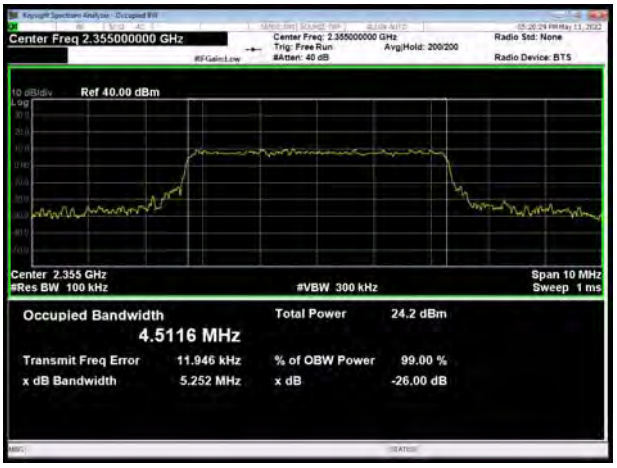
LTE Band 40 Subset 2 16QAM 5MHz CH-Low



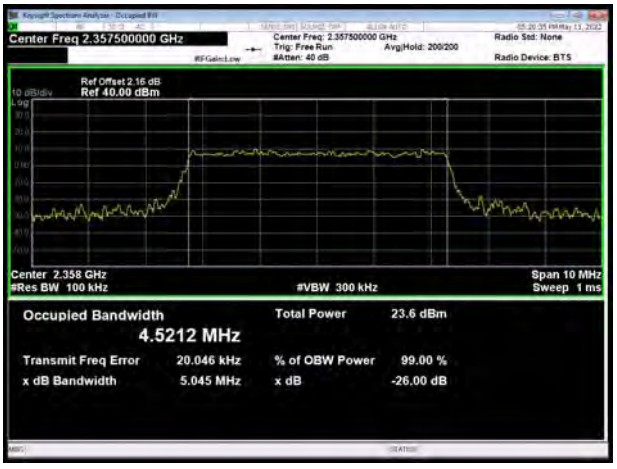
LTE Band 40 Subset 2 16QAM 10MHz



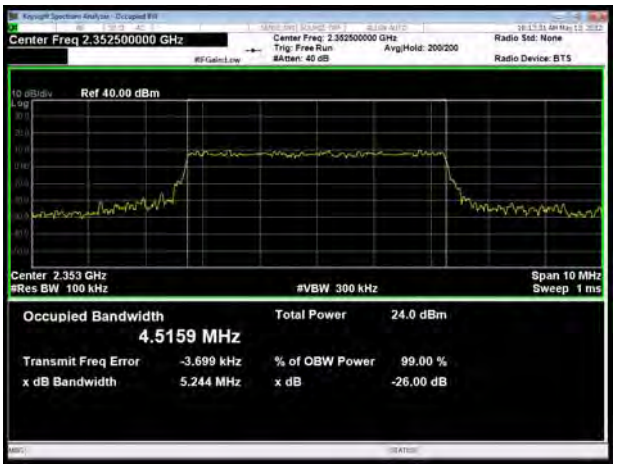
LTE Band 40 Subset 2 16QAM 5MHz CH-Middle



LTE Band 40 Subset 2 16QAM 5MHz CH-High

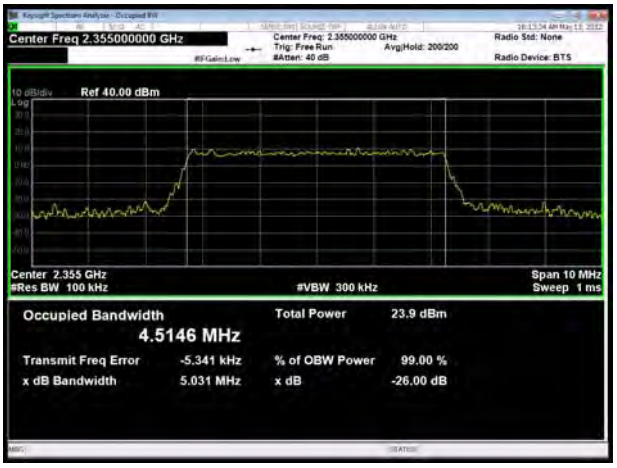


LTE Band 40 Subset 2 64QAM 5MHz CH-Low

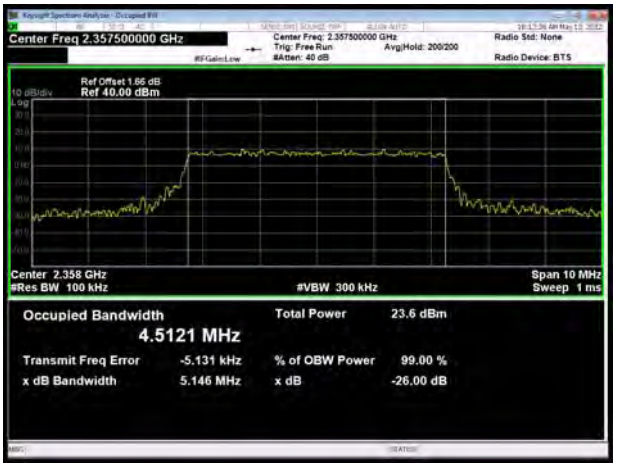


LTE Band 40 Subset 2 64QAM 10MHz

LTE Band 40 Subset 2 64QAM 5MHz CH-Middle

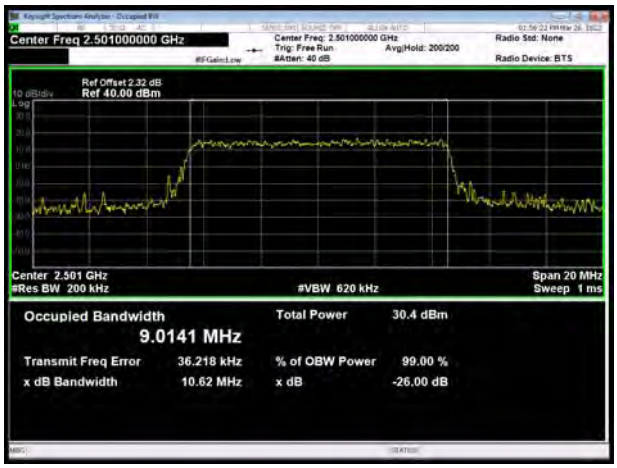


LTE Band 40 Subset 2 64QAM 5MHz CH-High

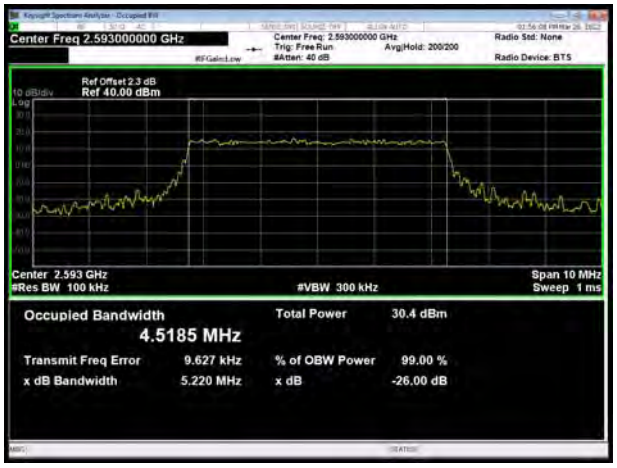


LTE Band 41 QPSK 5MHz CH-Low

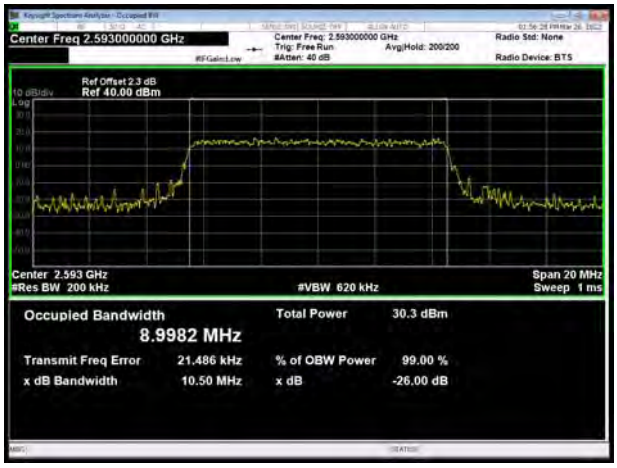
LTE Band 41 QPSK 10MHz CH-Low



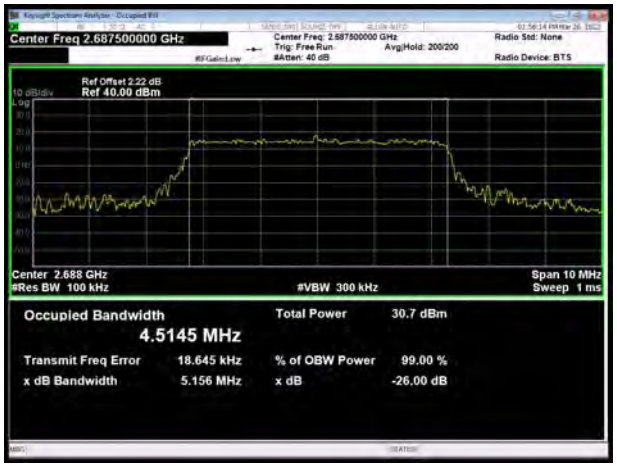
LTE Band 41 QPSK 5MHz CH-Middle



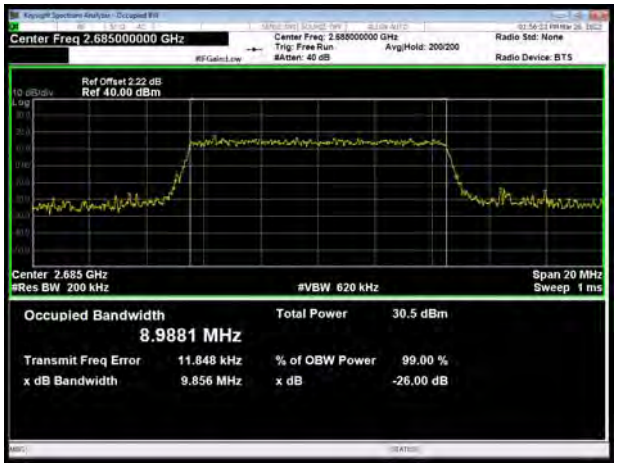
LTE Band 41 QPSK 10MHz CH-Middle



LTE Band 41 QPSK 5MHz CH-High

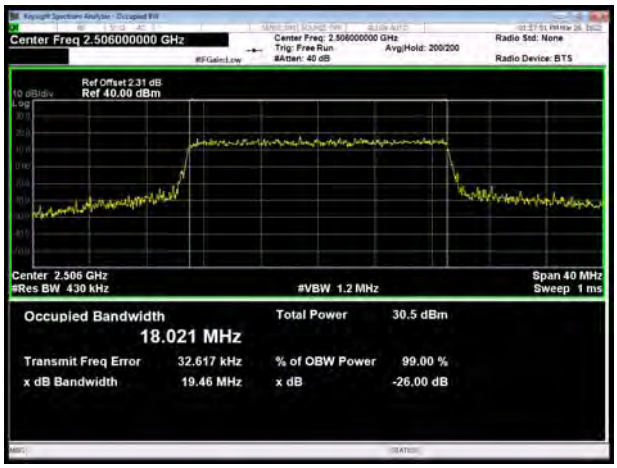


LTE Band 41 QPSK 10MHz CH-High

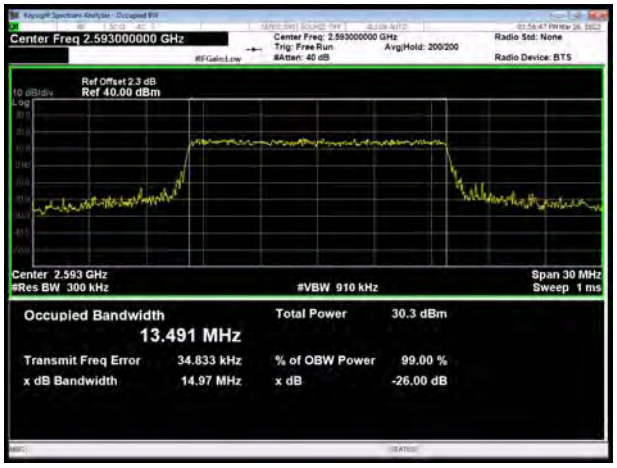


LTE Band 41 QPSK 15MHz CH-Low

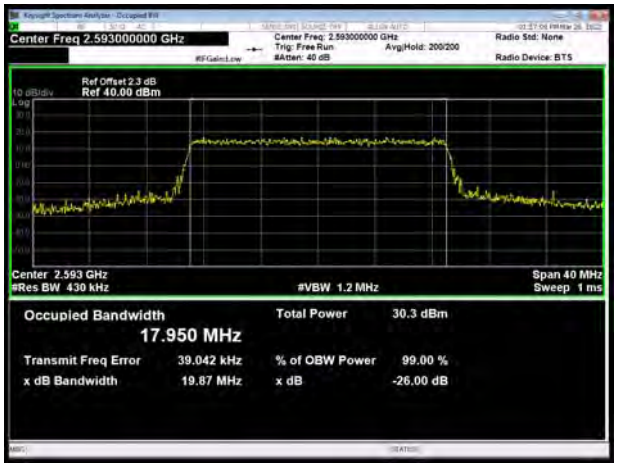
LTE Band 41 QPSK 20MHz CH-Low



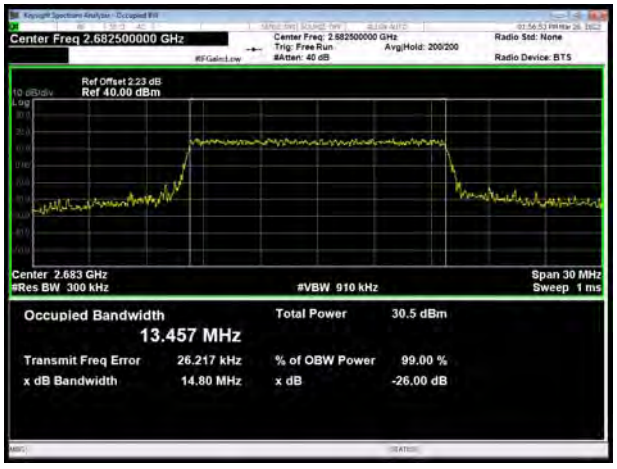
LTE Band 41 QPSK 15MHz CH-Middle



LTE Band 41 QPSK 20MHz CH-Middle



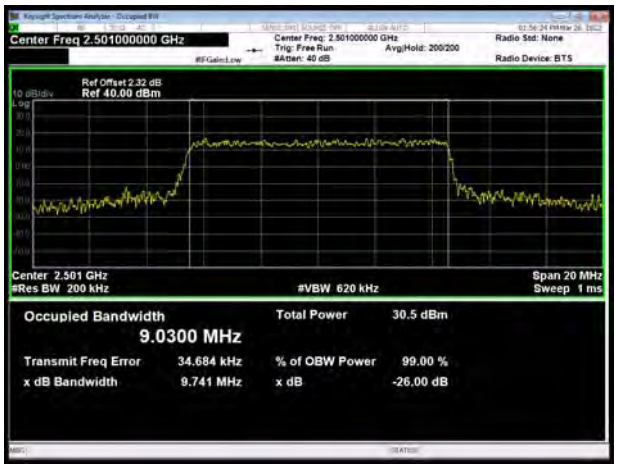
LTE Band 41 QPSK 15MHz CH-High



LTE Band 41 QPSK 20MHz CH-High

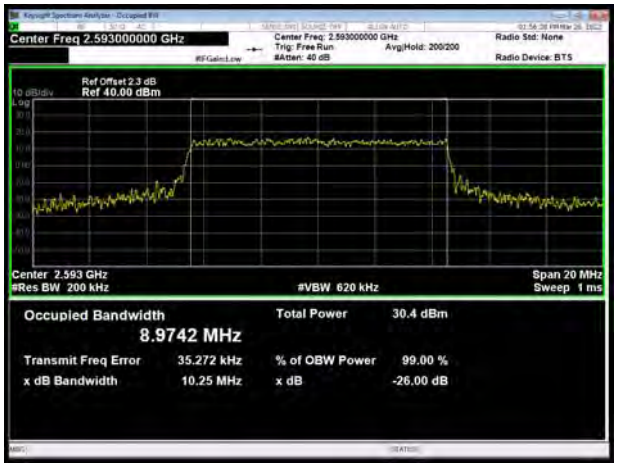
LTE Band 41 16QAM 5MHz CH-Low

LTE Band 41 16QAM 10MHz CH-Low

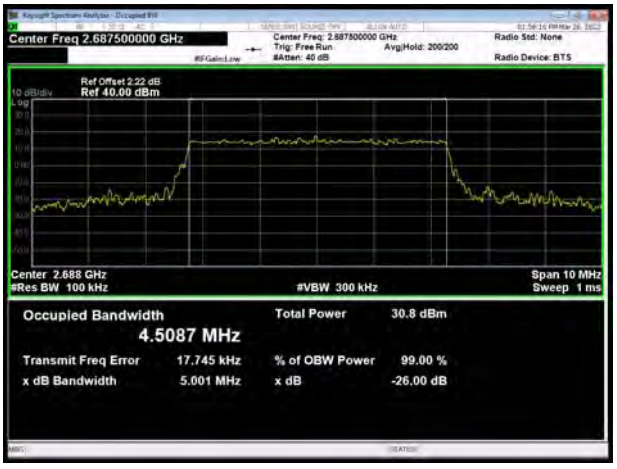


LTE Band 41 16QAM 5MHz CH-Middle

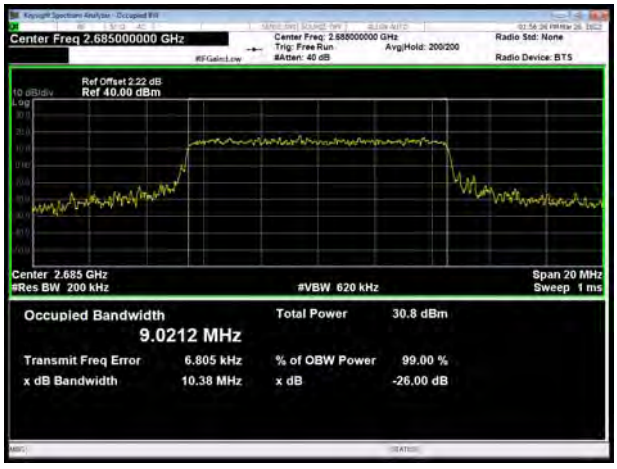
LTE Band 41 16QAM 10MHz CH-Middle



LTE Band 41 16QAM 5MHz CH-High



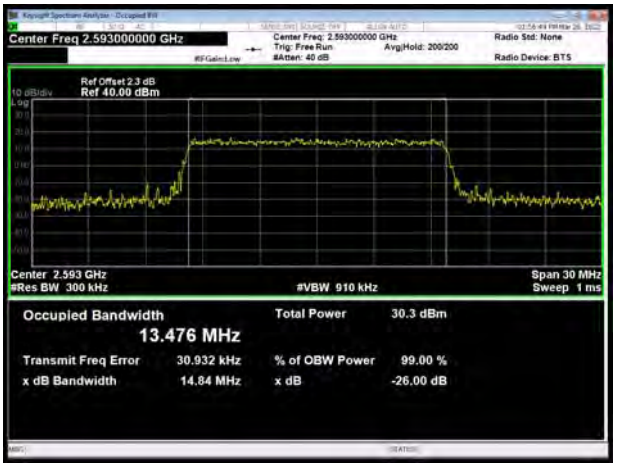
LTE Band 41 16QAM 10MHz CH-High



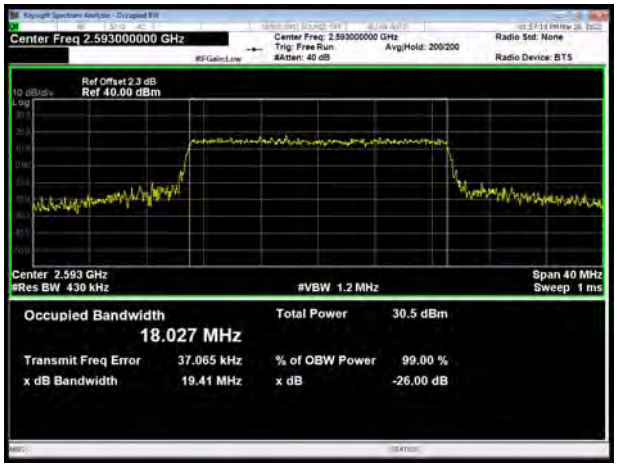
LTE Band 41 16QAM 15MHz CH-Low

LTE Band 41 16QAM 20MHz CH-Low

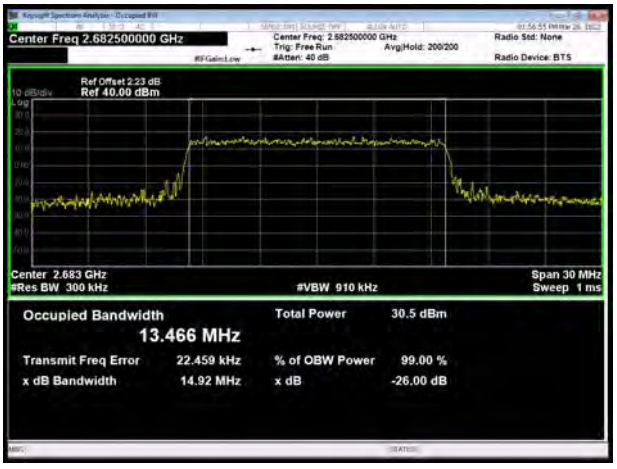
LTE Band 41 16QAM 15MHz CH-Middle



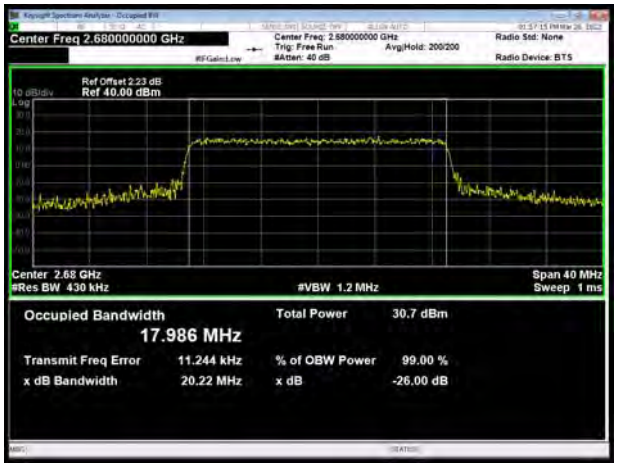
LTE Band 41 16QAM 20MHz CH-Middle



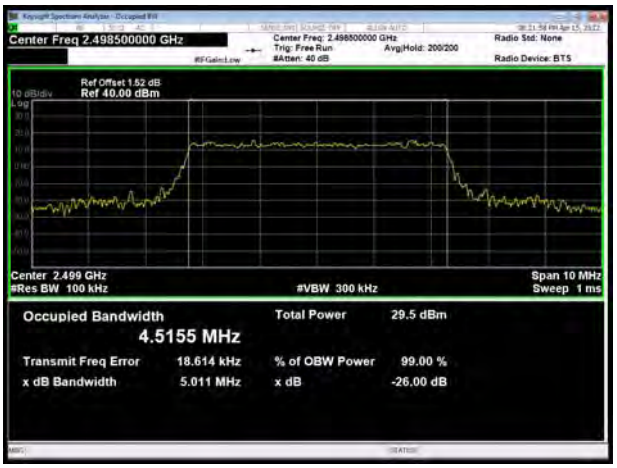
LTE Band 41 16QAM 15MHz CH-High



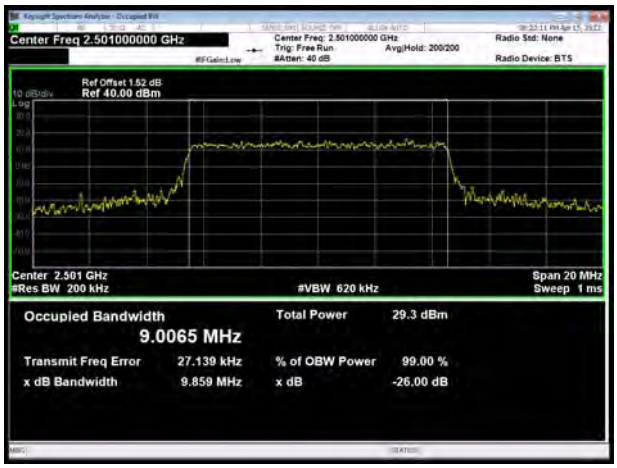
LTE Band 41 16QAM 20MHz CH-High



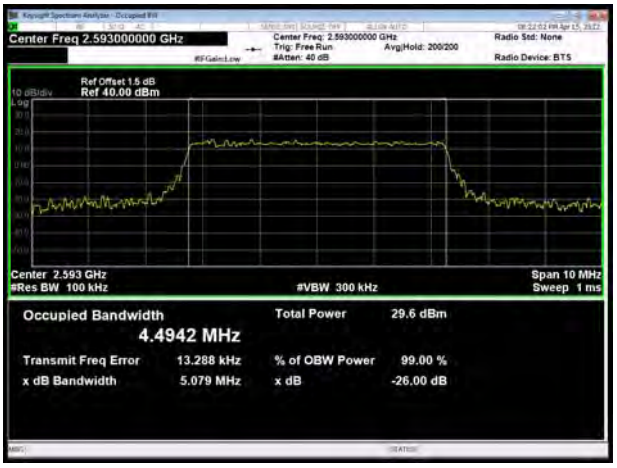
LTE Band 41 64QAM 5MHz CH-Low



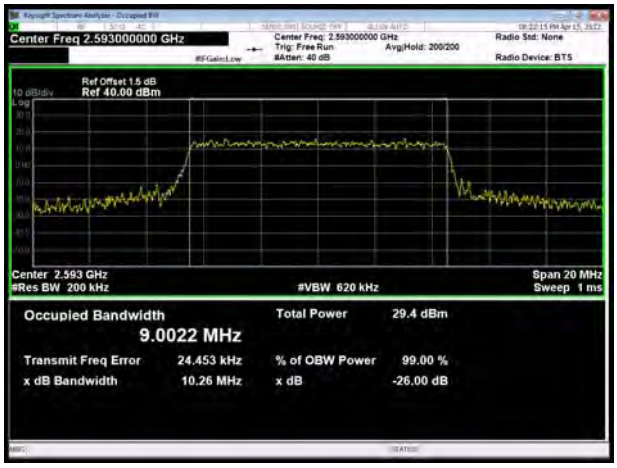
LTE Band 41 64QAM 10MHz CH-Low



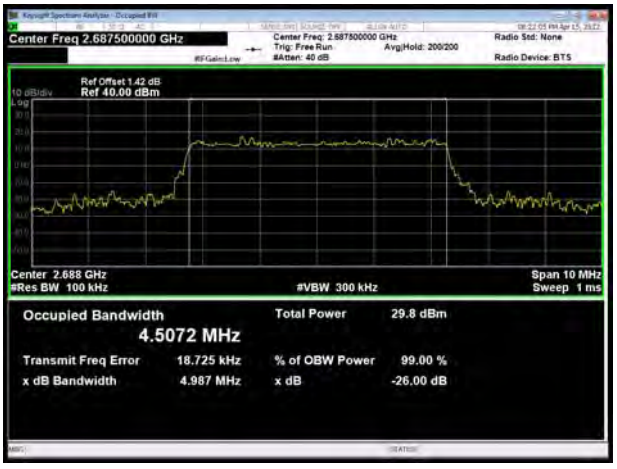
LTE Band 41 64QAM 5MHz CH-Middle



LTE Band 41 64QAM 10MHz CH-Middle



LTE Band 41 64QAM 5MHz CH-High



LTE Band 41 64QAM 10MHz CH-High