

RF TEST REPORT

Applicant Xiaomi Communications Co., Ltd.

FCC ID 2AFZZFRA65G

Product Mobile Phone

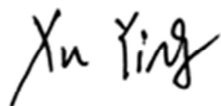
Brand Redmi

Model 2502FRA65G

Report No. R2410A1618-R1

Issue Date December 25, 2024

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2023)/ FCC CFR 47 Part 22H (2023)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



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Summary of Measurement Results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Radiated Power	2.1046 22.913(a)(5)	PASS
2	Occupied Bandwidth	2.1049	PASS
3	Band Edge Compliance	2.1051 / 22.917(a)	PASS
4	Peak-to-Average Power Ratio	22.913(d) KDB 971168 D01(5.7)	PASS
5	Frequency Stability	2.1055 / 22.355	PASS
6	Spurious Emissions at Antenna Terminals	2.1051 / 22.917(a)	PASS
7	Radiated Spurious Emission	2.1053 / 22.917 (a)	PASS
Date of Testing: September 23, 2023 ~ October 12, 2023			
Date of Sample Received: September 20, 2023			
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 Eurofins 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.			

2502FRA65G (Report No.: R2410A1618-R1) is a variant model of 23117RA68G (Report No.: R2309A0986-R1).

ID difference between 2502FRA65G and 23117RA68G: battery cover and Deco

The difference is derived from the ID set: Rear main camera bracket,

Motherboard bracket, flash shield, lens, Plastic & metal ring size changes.

Compared with the 23117RA68G, the 2502FRA65G adds a charging IC: SC6601A (Southchip)

Compared with N6, N6R adds NFC chip (THN31FGB1N), supplier: Beijing Tsingteng Microsystem Co., Ltd.

There is no additional test for variant in this report. Test values all duplicated from original report (Report No.: R2309A0986-R1).

The detailed product change description please refers to the *Difference Declaration Letter*.

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 **Eurofins 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)

Eurofins 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)

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

1.3. Testing Location

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

2.1. Applicant and Manufacturer Information

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

2.2. General Information

EUT Description				
Model		2502FRA65G		
IMEI	Original	Conducted	IMEI 1: 863357060106127 IMEI 2: 863357060106135	
		Radiated	IMEI 1: 863357060105624 IMEI 2: 863357060105632	
	Variant	IMEI 1: 866213070041589 IMEI 2: 866213070041597		
Hardware Version		135100N6R		
Software Version		Xiaomi Hyper OS1.0		
Antenna Type		PIFA Antenna		
Antenna Gain	GSM 850; WCDMA Band V; LTE Band 5		Low Antenna	-5.90 dBi
			Upper Antenna	-8.20 dBi
	LTE Band 26		Low Antenna	-5.60 dBi
			Upper Antenna	-2.29 dBi
Test Mode(s)		GSM 850; WCDMA Band V; LTE Band 5/26;		
Test Modulation		(GSM/GPRS) GMSK, (EGPRS) GMSK/ 8PSK; (WCDMA) BPSK, QPSK,16QAM; (LTE) QPSK, 16QAM, 64QAM;		
GPRS Multislot Class		12		
EGPRS Multislot Class		12		
HSDPA UE Category		24		
HSUPA UE Category		7		
LTE Category		13		
Maximum E.R.P.	GSM 850		24.27 dBm	
	WCDMA Band V		16.73 dBm	
	LTE Band 5		17.07 dBm	
	LTE Band 26		17.41 dBm	
Rated Power Supply Voltage		3.89V		
Operating Voltage		Minimum: 3.60V Maximum: 4.48V		

Operating Temperature	Lowest: 0°C Highest: +40°C		
Testing Temperature	Lowest: -30°C Highest: +50°C		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	GSM850	824 ~ 849	869 ~ 894
	WCDMA Band V	824 ~ 849	869 ~ 894
	LTE Band 5	824 ~ 849	869 ~ 894
	LTE Band 26	824 ~ 849	869 ~ 894
Note: 1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.			

3. Applied Standards

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

Test standards:

FCC CFR 47 Part 22H (2023)

FCC CFR47 Part 2 (2023)

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 (Low Antenna: X axis, vertical polarization for GSM/WCDMA and Y axis, horizontal polarization for LTE; Upper Antenna: Y axis, horizontal polarization for GSM/WCDMA and X axis, vertical polarization for LTE) 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 GSM/WCDMA/LTE is set based on the maximum RF Output Power.

Test modes are chosen to be reported as the worst case configuration below:

Test items	Modes/Modulation	
	GSM 850	WCDMA Band V
RF Power Output and Effective Radiated power	GSM GPRS EGPRS	RMC HSDPA/HSUPA DC-HSDPA/HSPA+
Occupied Bandwidth	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Band Edge Compliance	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Peak-to-Average Power Ratio	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Frequency Stability	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Spurious Emissions at Antenna Terminals	GSM	RMC
Radiated Spurious Emission	GSM	RMC

Test modes are chosen as the worst case configuration below for LTE Band 5/26

Test items	Modes	Bandwidth (MHz)					Modulation		RB			Test Channel		
		1.4	3	5	10	15	QPSK	16QAM/ 64QAM	1	50%	100%	L	M	H
RF power output and Effective Radiated power	LTE 5	O	O	O	O	-	O	O	O	O	O	O	O	O
	LTE 26	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	LTE 5	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 26	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	LTE 5	O	O	O	O	-	O	O	O	-	O	O	-	O
	LTE 26	O	O	O	O	O	O	O	O	-	O	O	-	O
Peak-to-Average Power Ratio	LTE 5	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 26	O	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	LTE 5	O	O	O	O	-	O	O	O	-	-	-	O	-
	LTE 26	O	O	O	O	O	O	O	O	-	-	-	O	-
Spurious Emissions at Antenna Terminals	LTE 5	O	O	O	O	-	O	-	O	-	-	O	O	O
	LTE 26	O	O	O	O	O	O	-	O	-	-	O	O	O
Radiated Spurious Emission	LTE 5	O	-	O	O	-	O	-	O	-	-	-	O	-
	LTE 26	O	-	O	-	O	O	-	O	-	-	-	O	-
Note	1. The mark "O" means that this configuration is chosen for testing. 2. The mark "-" means that this configuration is not testing.													

5. Test Case

5.1. RF Power Output and Effective Radiated Power

Ambient Condition

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

Methods of Measurement

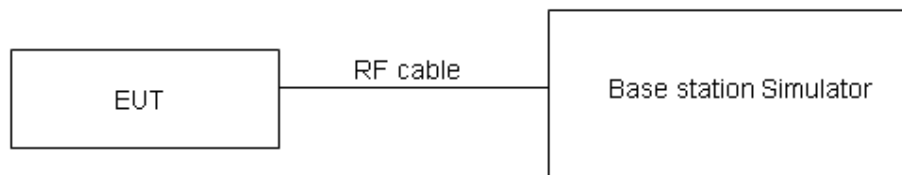
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

$\text{EIRP (dBm)} = \text{Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$\text{EIRP (dBm)} = \text{ERP (dBm)} + 2.15 \text{ (dB)}$.

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 22.913(a)(5) specifies that "Mobile/portable stations are limited to 7 watts ERP".

Limit	$\leq 7 \text{ W (38.45 dBm)}$
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Measurement Uncertainty

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

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

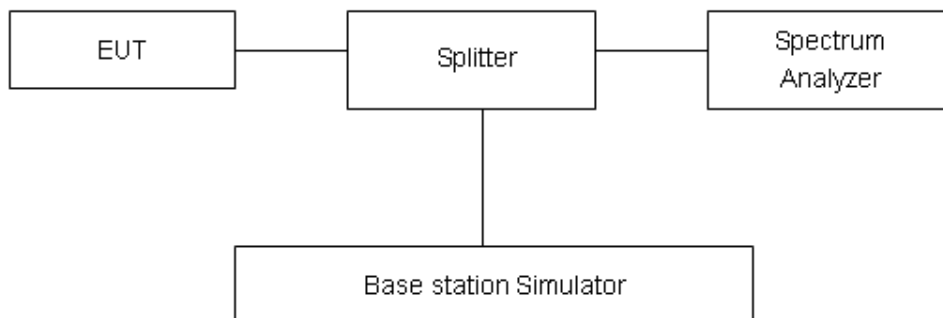
Method of Measurement

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 $\geq 1\%$ 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 $k = 2$, $U = 624\text{Hz}$.

Test Results

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

5.3. Band Edge Compliance

Ambient Condition

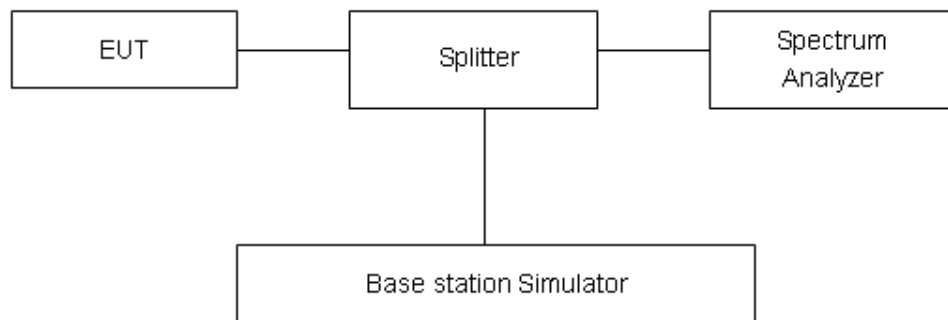
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

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 average detector is used. RBW is set to $\geq 1\%EBW$, VBW is set to 3x RBW.

Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

Rule Part 22.917(a) specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.”

Limit	-13 dBm
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Measurement Uncertainty

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

Test Results

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

5.4. Peak-to-Average Power Ratio (PAPR)

Ambient Condition

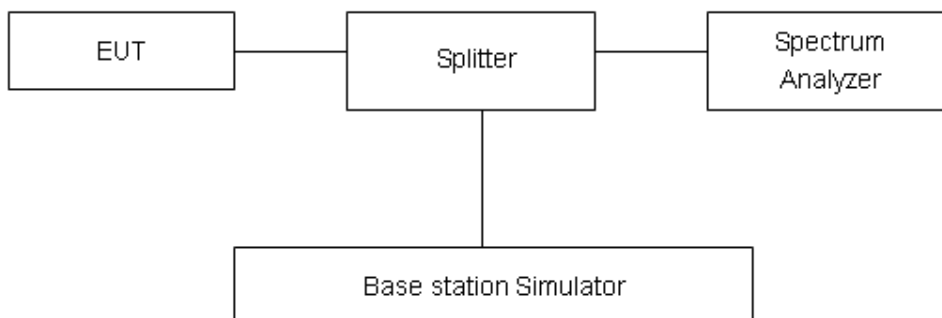
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

Measure the total peak power and record as P_{Pk} . And measure the total average power and record as P_{Avg} . Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:

$$PAPR (dB) = P_{Pk} (dBm) - P_{Avg} (dBm).$$

Test Setup



Limits

According to the Sec. 22.913(d), The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

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.

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.

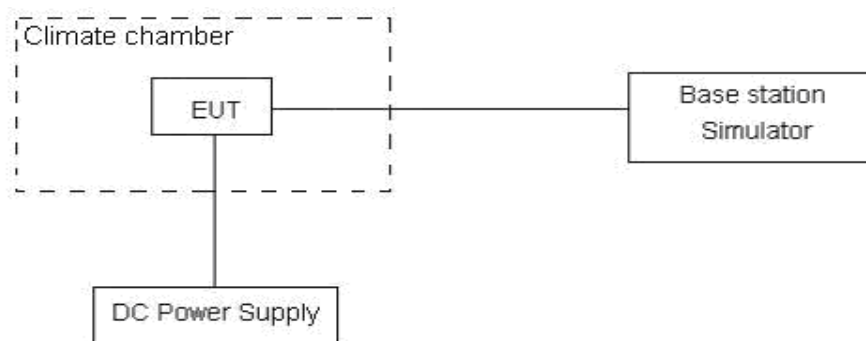
(3) Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements. Frequency Stability (Voltage Variation)

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 3.6 V and 4.48 V, with a nominal voltage of 3.89V.

Test Setup



Limits

According to the Sec. 22.355, the frequency stability of the carrier shall be accurate to within 2.5 ppm of the received frequency for mobile stations.

Limits	≤ 2.5 ppm
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Measurement Uncertainty

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

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 1 kHz (0.009MHz~ 0.15 MHz),

RBW is set to 10 kHz (0.15 MHz~ 30 MHz)

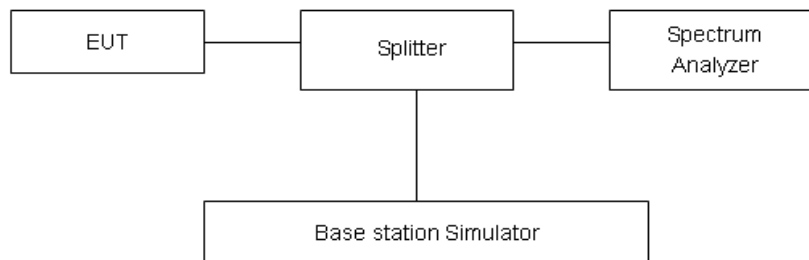
RBW is set to 100 kHz (30MHz~1000 MHz)

RBW is set to 1000 kHz (above 1000MHz)

Sweep is set to AUTO.

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

Test Setup



Limits

Rule Part 22.917(a) specifies that "The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB."

Limit	-13 dBm
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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-20GHz	1.407 dB

Test Results

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

5.7. Radiated Spurious Emission

Ambient Condition

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

Method of Measurement

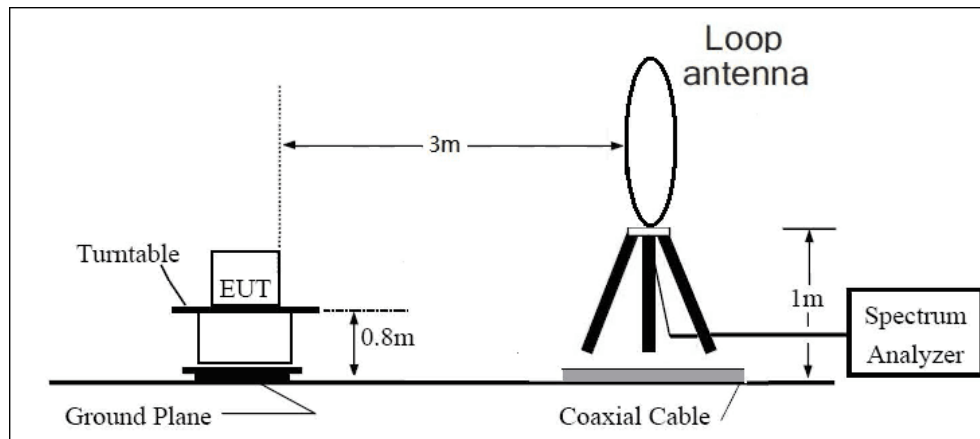
1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable 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, 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:
$$\text{Power (EIRP)} = \text{PMea} - \text{PAg} - \text{Pcl} + \text{Ga}$$

The measurement results are amend as described below:
$$\text{Power (EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
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, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.
The modulation mode and RB allocation refer to section 5.1, using the maximum output power

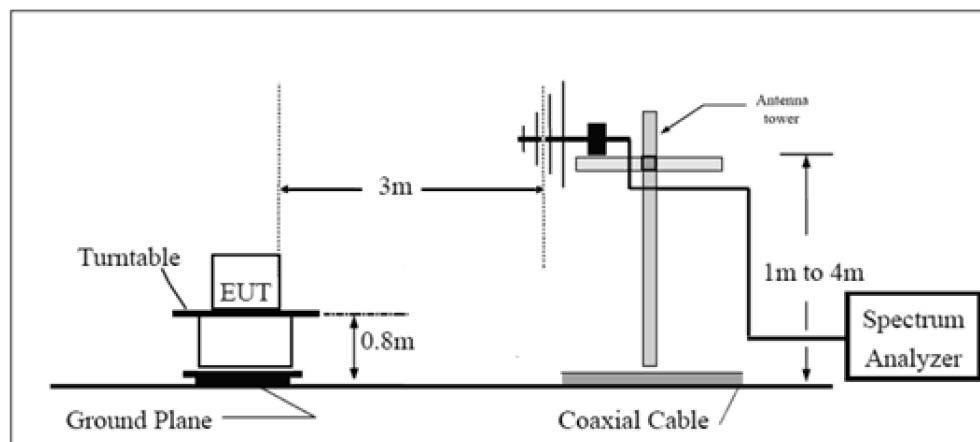
configuration.

Test Setup

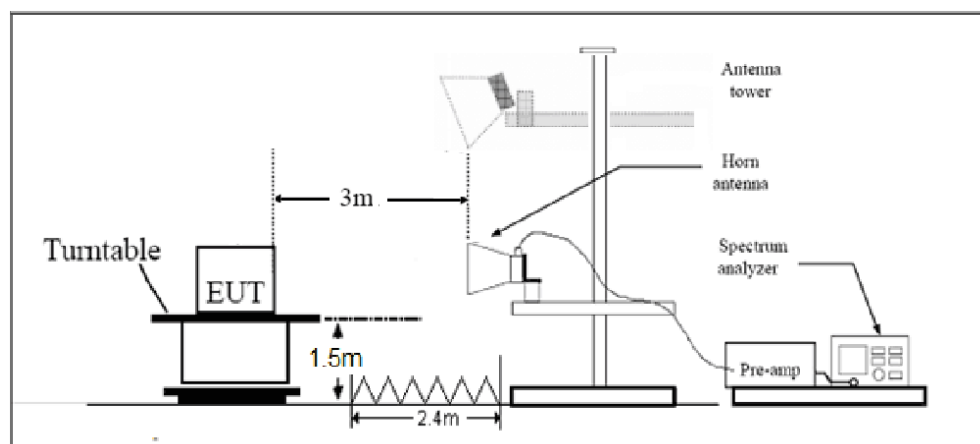
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Limits

Rule Part 22.917(a) specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ Db.”

Limit	-13 dBm
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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 Result

6.1. RF Power Output and Effective Radiated Power

Low Antenna

GSM 850		Burst-conducted power			ERP (dBm)		
		Channel/ Frequency (MHz)			Channel/ Frequency (MHz)		
		128/824.2	190/836.6	251/848.8	128/824.2	190/836.6	251/848.8
GSM	CS	32.26	32.30	32.32	24.21	24.25	24.27
GPRS(GMSK)	1 Tx Slot	32.27	32.29	32.32	24.22	24.24	24.27
	2 Tx Slots	30.37	30.35	30.37	22.32	22.30	22.32
	3 Tx Slots	28.45	28.41	28.45	20.40	20.36	20.40
	4 Tx Slots	27.34	27.32	27.32	19.29	19.27	19.27
EGPRS (8PSK)	1 Tx Slot	27.14	27.15	27.13	19.09	19.10	19.08
	2 Tx Slots	23.93	23.97	23.96	15.88	15.92	15.91
	3 Tx Slots	21.75	21.80	21.76	13.7	13.75	13.71
	4 Tx Slots	20.56	20.62	20.56	12.51	12.57	12.51

WCDMA Band V		Conducted Power (dBm)			ERP (dBm)		
		Channel/ Frequency (MHz)			Channel/ Frequency (MHz)		
		4132/826.4	4183/836.6	4233/846.6	4132/826.4	4183/836.6	4233/846.6
RMC	12.2k	24.78	24.72	24.71	16.73	16.67	16.66
HSDPA	Subtest 1	24.20	24.14	24.13	16.15	16.09	16.08
	Subtest 2	24.19	24.13	24.12	16.14	16.08	16.07
	Subtest 3	23.68	23.62	23.61	15.63	15.57	15.56
	Subtest 4	23.67	23.61	23.60	15.62	15.56	15.55
HSUPA	Subtest 1	23.16	23.10	23.09	15.11	15.05	15.04
	Subtest 2	21.15	21.09	21.08	13.10	13.04	13.03
	Subtest 3	22.13	22.08	22.07	14.08	14.03	14.02
	Subtest 4	21.12	21.07	21.06	13.07	13.02	13.01
	Subtest 5	24.61	24.56	24.55	16.56	16.51	16.50
DC-HSDPA	Subtest 1	24.12	24.08	24.05	16.07	16.03	16.00
	Subtest 2	24.11	24.07	24.04	16.06	16.02	15.99
	Subtest 3	23.69	23.56	23.55	15.64	15.51	15.50
	Subtest 4	23.68	23.55	23.54	15.63	15.50	15.49
HSPA+	16QAM	22.27	22.23	22.22	14.22	14.18	14.17

LTE Band 5						
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
1.4	20407	1	#0	QPSK	24.96	16.91
1.4	20407	1	#Mid	QPSK	25.04	16.99
1.4	20407	1	#Max	QPSK	24.98	16.93
1.4	20407	3	#0	QPSK	24.98	16.93
1.4	20407	3	#Mid	QPSK	24.99	16.94
1.4	20407	3	#Max	QPSK	24.99	16.94
1.4	20407	6	#0	QPSK	24.05	16.00
1.4	20407	1	#0	16QAM	23.88	15.83
1.4	20407	1	#Mid	16QAM	23.99	15.94
1.4	20407	1	#Max	16QAM	23.90	15.85
1.4	20407	3	#0	16QAM	24.09	16.04
1.4	20407	3	#Mid	16QAM	24.09	16.04
1.4	20407	3	#Max	16QAM	24.12	16.07
1.4	20407	6	#0	16QAM	23.07	15.02
1.4	20525	1	#0	QPSK	24.83	16.78
1.4	20525	1	#Mid	QPSK	24.88	16.83
1.4	20525	1	#Max	QPSK	24.80	16.75
1.4	20525	3	#0	QPSK	24.87	16.82
1.4	20525	3	#Mid	QPSK	24.88	16.83
1.4	20525	3	#Max	QPSK	24.84	16.79
1.4	20525	6	#0	QPSK	23.98	15.93
1.4	20525	1	#0	16QAM	23.96	15.91
1.4	20525	1	#Mid	16QAM	24.00	15.95
1.4	20525	1	#Max	16QAM	23.96	15.91
1.4	20525	3	#0	16QAM	23.86	15.81
1.4	20525	3	#Mid	16QAM	23.88	15.83
1.4	20525	3	#Max	16QAM	23.86	15.81
1.4	20525	6	#0	16QAM	22.91	14.86
1.4	20643	1	#0	QPSK	24.86	16.81
1.4	20643	1	#Mid	QPSK	24.90	16.85
1.4	20643	1	#Max	QPSK	24.84	16.79
1.4	20643	3	#0	QPSK	24.85	16.80
1.4	20643	3	#Mid	QPSK	24.88	16.83
1.4	20643	3	#Max	QPSK	24.82	16.77
1.4	20643	6	#0	QPSK	23.92	15.87
1.4	20643	1	#0	16QAM	23.66	15.61
1.4	20643	1	#Mid	16QAM	23.68	15.63
1.4	20643	1	#Max	16QAM	23.65	15.60
1.4	20643	3	#0	16QAM	23.76	15.71
1.4	20643	3	#Mid	16QAM	23.78	15.73
1.4	20643	3	#Max	16QAM	23.76	15.71

1.4	20643	6	#0	16QAM	22.87	14.82
3	20415	1	#0	QPSK	24.76	16.71
3	20415	1	#Mid	QPSK	24.91	16.86
3	20415	1	#Max	QPSK	24.88	16.83
3	20415	8	#0	QPSK	23.93	15.88
3	20415	8	#Mid	QPSK	23.97	15.92
3	20415	8	#Max	QPSK	23.96	15.91
3	20415	15	#0	QPSK	23.93	15.88
3	20415	1	#0	16QAM	23.52	15.47
3	20415	1	#Mid	16QAM	23.68	15.63
3	20415	1	#Max	16QAM	23.60	15.55
3	20415	8	#0	16QAM	22.91	14.86
3	20415	8	#Mid	16QAM	22.91	14.86
3	20415	8	#Max	16QAM	22.95	14.90
3	20415	15	#0	16QAM	22.92	14.87
3	20525	1	#0	QPSK	24.65	16.60
3	20525	1	#Mid	QPSK	24.74	16.69
3	20525	1	#Max	QPSK	24.63	16.58
3	20525	8	#0	QPSK	23.87	15.82
3	20525	8	#Mid	QPSK	23.86	15.81
3	20525	8	#Max	QPSK	23.88	15.83
3	20525	15	#0	QPSK	23.84	15.79
3	20525	1	#0	16QAM	23.79	15.74
3	20525	1	#Mid	16QAM	23.89	15.84
3	20525	1	#Max	16QAM	23.79	15.74
3	20525	8	#0	16QAM	22.85	14.80
3	20525	8	#Mid	16QAM	22.82	14.77
3	20525	8	#Max	16QAM	22.86	14.81
3	20525	15	#0	16QAM	22.79	14.74
3	20635	1	#0	QPSK	24.64	16.59
3	20635	1	#Mid	QPSK	24.72	16.67
3	20635	1	#Max	QPSK	24.61	16.56
3	20635	8	#0	QPSK	23.84	15.79
3	20635	8	#Mid	QPSK	23.85	15.80
3	20635	8	#Max	QPSK	23.83	15.78
3	20635	15	#0	QPSK	23.81	15.76
3	20635	1	#0	16QAM	23.70	15.65
3	20635	1	#Mid	16QAM	23.78	15.73
3	20635	1	#Max	16QAM	23.70	15.65
3	20635	8	#0	16QAM	22.81	14.76
3	20635	8	#Mid	16QAM	22.82	14.77
3	20635	8	#Max	16QAM	22.80	14.75
3	20635	15	#0	16QAM	22.69	14.64
5	20425	1	#0	QPSK	24.93	16.88
5	20425	1	#Mid	QPSK	25.06	17.01

5	20425	1	#Max	QPSK	24.90	16.85
5	20425	12	#0	QPSK	24.02	15.97
5	20425	12	#Mid	QPSK	24.02	15.97
5	20425	12	#Max	QPSK	24.05	16.00
5	20425	25	#0	QPSK	24.02	15.97
5	20425	1	#0	16QAM	24.16	16.11
5	20425	1	#Mid	16QAM	24.30	16.25
5	20425	1	#Max	16QAM	24.20	16.15
5	20425	12	#0	16QAM	23.04	14.99
5	20425	12	#Mid	16QAM	23.05	15.00
5	20425	12	#Max	16QAM	23.06	15.01
5	20425	25	#0	16QAM	23.05	15.00
5	20525	1	#0	QPSK	24.93	16.88
5	20525	1	#Mid	QPSK	25.00	16.95
5	20525	1	#Max	QPSK	24.90	16.85
5	20525	12	#0	QPSK	23.88	15.83
5	20525	12	#Mid	QPSK	23.95	15.90
5	20525	12	#Max	QPSK	23.95	15.90
5	20525	25	#0	QPSK	23.93	15.88
5	20525	1	#0	16QAM	24.15	16.10
5	20525	1	#Mid	16QAM	24.23	16.18
5	20525	1	#Max	16QAM	24.12	16.07
5	20525	12	#0	16QAM	22.90	14.85
5	20525	12	#Mid	16QAM	22.87	14.82
5	20525	12	#Max	16QAM	22.88	14.83
5	20525	25	#0	16QAM	22.93	14.88
5	20625	1	#0	QPSK	24.90	16.85
5	20625	1	#Mid	QPSK	25.08	17.03
5	20625	1	#Max	QPSK	24.93	16.88
5	20625	12	#0	QPSK	23.94	15.89
5	20625	12	#Mid	QPSK	23.91	15.86
5	20625	12	#Max	QPSK	23.84	15.79
5	20625	25	#0	QPSK	23.87	15.82
5	20625	1	#0	16QAM	24.02	15.97
5	20625	1	#Mid	16QAM	24.15	16.10
5	20625	1	#Max	16QAM	24.02	15.97
5	20625	12	#0	16QAM	22.88	14.83
5	20625	12	#Mid	16QAM	22.87	14.82
5	20625	12	#Max	16QAM	22.78	14.73
5	20625	25	#0	16QAM	22.86	14.81
10	20450	1	#0	QPSK	25.07	17.02
10	20450	1	#Mid	QPSK	25.07	17.02
10	20450	1	#Max	QPSK	24.95	16.90
10	20450	25	#0	QPSK	24.01	15.96
10	20450	25	#Mid	QPSK	24.00	15.95

10	20450	25	#Max	QPSK	24.04	15.99
10	20450	50	#0	QPSK	24.06	16.01
10	20450	1	#0	16QAM	24.27	16.22
10	20450	1	#Mid	16QAM	24.31	16.26
10	20450	1	#Max	16QAM	24.18	16.13
10	20450	25	#0	16QAM	23.06	15.01
10	20450	25	#Mid	16QAM	23.12	15.07
10	20450	25	#Max	16QAM	23.09	15.04
10	20450	50	#0	16QAM	23.04	14.99
10	20525	1	#0	QPSK	25.05	17.00
10	20525	1	#Mid	QPSK	25.07	17.02
10	20525	1	#Max	QPSK	24.99	16.94
10	20525	25	#0	QPSK	23.91	15.86
10	20525	25	#Mid	QPSK	23.96	15.91
10	20525	25	#Max	QPSK	23.95	15.90
10	20525	50	#0	QPSK	23.94	15.89
10	20525	1	#0	16QAM	24.21	16.16
10	20525	1	#Mid	16QAM	24.16	16.11
10	20525	1	#Max	16QAM	24.09	16.04
10	20525	25	#0	16QAM	22.95	14.90
10	20525	25	#Mid	16QAM	22.95	14.90
10	20525	25	#Max	16QAM	22.99	14.94
10	20525	50	#0	16QAM	22.92	14.87
10	20600	1	#0	QPSK	25.08	17.03
10	20600	1	#Mid	QPSK	25.12	17.07
10	20600	1	#Max	QPSK	25.08	17.03
10	20600	25	#0	QPSK	23.89	15.84
10	20600	25	#Mid	QPSK	23.90	15.85
10	20600	25	#Max	QPSK	23.84	15.79
10	20600	50	#0	QPSK	23.87	15.82
10	20600	1	#0	16QAM	23.87	15.82
10	20600	1	#Mid	16QAM	23.91	15.86
10	20600	1	#Max	16QAM	23.84	15.79
10	20600	25	#0	16QAM	22.93	14.88
10	20600	25	#Mid	16QAM	22.94	14.89
10	20600	25	#Max	16QAM	22.86	14.81
10	20600	50	#0	16QAM	22.85	14.80
1.4	20407	1	#0	64QAM	23.54	15.49
1.4	20407	1	#Mid	64QAM	23.66	15.61
1.4	20407	1	#Max	64QAM	23.59	15.54
1.4	20407	3	#0	64QAM	23.76	15.71
1.4	20407	3	#Mid	64QAM	23.77	15.72
1.4	20407	3	#Max	64QAM	23.80	15.75
1.4	20407	6	#0	64QAM	22.75	14.70
1.4	20525	1	#0	64QAM	23.62	15.57

1.4	20525	1	#Mid	64QAM	23.67	15.62
1.4	20525	1	#Max	64QAM	23.66	15.61
1.4	20525	3	#0	64QAM	23.53	15.48
1.4	20525	3	#Mid	64QAM	23.53	15.48
1.4	20525	3	#Max	64QAM	23.53	15.48
1.4	20525	6	#0	64QAM	22.59	14.54
1.4	20643	1	#0	64QAM	23.32	15.27
1.4	20643	1	#Mid	64QAM	23.35	15.30
1.4	20643	1	#Max	64QAM	23.33	15.28
1.4	20643	3	#0	64QAM	23.47	15.42
1.4	20643	3	#Mid	64QAM	23.46	15.41
1.4	20643	3	#Max	64QAM	23.42	15.37
1.4	20643	6	#0	64QAM	22.57	14.52
3	20415	1	#0	64QAM	23.56	15.51
3	20415	1	#Mid	64QAM	23.73	15.68
3	20415	1	#Max	64QAM	23.60	15.55
3	20415	8	#0	64QAM	22.61	14.56
3	20415	8	#Mid	64QAM	22.61	14.56
3	20415	8	#Max	64QAM	22.67	14.62
3	20415	15	#0	64QAM	22.61	14.56
3	20525	1	#0	64QAM	23.41	15.36
3	20525	1	#Mid	64QAM	23.47	15.42
3	20525	1	#Max	64QAM	23.40	15.35
3	20525	8	#0	64QAM	22.52	14.47
3	20525	8	#Mid	64QAM	22.50	14.45
3	20525	8	#Max	64QAM	22.52	14.47
3	20525	15	#0	64QAM	22.41	14.36
3	20635	1	#0	64QAM	23.15	15.10
3	20635	1	#Mid	64QAM	23.27	15.22
3	20635	1	#Max	64QAM	23.16	15.11
3	20635	8	#0	64QAM	22.48	14.43
3	20635	8	#Mid	64QAM	22.52	14.47
3	20635	8	#Max	64QAM	22.51	14.46
3	20635	15	#0	64QAM	22.50	14.45
5	20425	1	#0	64QAM	24.69	16.64
5	20425	1	#Mid	64QAM	24.84	16.79
5	20425	1	#Max	64QAM	24.71	16.66
5	20425	12	#0	64QAM	23.75	15.70
5	20425	12	#Mid	64QAM	23.74	15.69
5	20425	12	#Max	64QAM	23.72	15.67
5	20425	25	#0	64QAM	23.69	15.64
5	20525	1	#0	64QAM	24.58	16.53
5	20525	1	#Mid	64QAM	24.68	16.63
5	20525	1	#Max	64QAM	24.50	16.45
5	20525	12	#0	64QAM	23.59	15.54

5	20525	12	#Mid	64QAM	23.61	15.56
5	20525	12	#Max	64QAM	23.60	15.55
5	20525	25	#0	64QAM	23.60	15.55
5	20625	1	#0	64QAM	24.58	16.53
5	20625	1	#Mid	64QAM	24.71	16.66
5	20625	1	#Max	64QAM	24.61	16.56
5	20625	12	#0	64QAM	23.63	15.58
5	20625	12	#Mid	64QAM	23.56	15.51
5	20625	12	#Max	64QAM	23.54	15.49
5	20625	25	#0	64QAM	23.57	15.52
10	20450	1	#0	64QAM	23.98	15.93
10	20450	1	#Mid	64QAM	23.99	15.94
10	20450	1	#Max	64QAM	23.88	15.83
10	20450	25	#0	64QAM	22.78	14.73
10	20450	25	#Mid	64QAM	22.80	14.75
10	20450	25	#Max	64QAM	22.80	14.75
10	20450	50	#0	64QAM	22.73	14.68
10	20525	1	#0	64QAM	23.88	15.83
10	20525	1	#Mid	64QAM	23.83	15.78
10	20525	1	#Max	64QAM	23.77	15.72
10	20525	25	#0	64QAM	22.60	14.55
10	20525	25	#Mid	64QAM	22.63	14.58
10	20525	25	#Max	64QAM	22.68	14.63
10	20525	50	#0	64QAM	22.60	14.55
10	20600	1	#0	64QAM	23.53	15.48
10	20600	1	#Mid	64QAM	23.60	15.55
10	20600	1	#Max	64QAM	23.51	15.46
10	20600	25	#0	64QAM	22.59	14.54
10	20600	25	#Mid	64QAM	22.60	14.55
10	20600	25	#Max	64QAM	22.52	14.47
10	20600	50	#0	64QAM	22.57	14.52

LTE Band 26						
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
1.4	26797	1	#0	QPSK	24.89	17.14
1.4	26797	1	#Mid	QPSK	24.96	17.21
1.4	26797	1	#Max	QPSK	24.85	17.10
1.4	26797	3	#0	QPSK	24.97	17.22
1.4	26797	3	#Mid	QPSK	24.96	17.21
1.4	26797	3	#Max	QPSK	24.92	17.17
1.4	26797	6	#0	QPSK	24.03	16.28
1.4	26797	1	#0	16QAM	24.01	16.26
1.4	26797	1	#Mid	16QAM	24.11	16.36

1.4	26797	1	#Max	16QAM	24.10	16.35
1.4	26797	3	#0	16QAM	23.96	16.21
1.4	26797	3	#Mid	16QAM	23.93	16.18
1.4	26797	3	#Max	16QAM	23.96	16.21
1.4	26797	6	#0	16QAM	22.97	15.22
1.4	26915	1	#0	QPSK	24.91	17.16
1.4	26915	1	#Mid	QPSK	24.92	17.17
1.4	26915	1	#Max	QPSK	24.92	17.17
1.4	26915	3	#0	QPSK	24.90	17.15
1.4	26915	3	#Mid	QPSK	24.90	17.15
1.4	26915	3	#Max	QPSK	24.84	17.09
1.4	26915	6	#0	QPSK	23.96	16.21
1.4	26915	1	#0	16QAM	23.70	15.95
1.4	26915	1	#Mid	16QAM	23.71	15.96
1.4	26915	1	#Max	16QAM	23.69	15.94
1.4	26915	3	#0	16QAM	23.80	16.05
1.4	26915	3	#Mid	16QAM	23.79	16.04
1.4	26915	3	#Max	16QAM	23.78	16.03
1.4	26915	6	#0	16QAM	22.93	15.18
1.4	27033	1	#0	QPSK	24.90	17.15
1.4	27033	1	#Mid	QPSK	24.96	17.21
1.4	27033	1	#Max	QPSK	24.91	17.16
1.4	27033	3	#0	QPSK	24.84	17.09
1.4	27033	3	#Mid	QPSK	24.85	17.10
1.4	27033	3	#Max	QPSK	24.85	17.10
1.4	27033	6	#0	QPSK	23.92	16.17
1.4	27033	1	#0	16QAM	23.76	16.01
1.4	27033	1	#Mid	16QAM	23.86	16.11
1.4	27033	1	#Max	16QAM	23.77	16.02
1.4	27033	3	#0	16QAM	23.97	16.22
1.4	27033	3	#Mid	16QAM	23.98	16.23
1.4	27033	3	#Max	16QAM	23.99	16.24
1.4	27033	6	#0	16QAM	22.92	15.17
3	26805	1	#0	QPSK	24.70	16.95
3	26805	1	#Mid	QPSK	24.82	17.07
3	26805	1	#Max	QPSK	24.72	16.97
3	26805	8	#0	QPSK	23.94	16.19
3	26805	8	#Mid	QPSK	23.94	16.19
3	26805	8	#Max	QPSK	23.98	16.23
3	26805	15	#0	QPSK	23.95	16.20
3	26805	1	#0	16QAM	23.87	16.12
3	26805	1	#Mid	16QAM	24.04	16.29
3	26805	1	#Max	16QAM	23.92	16.17
3	26805	8	#0	16QAM	22.94	15.19
3	26805	8	#Mid	16QAM	22.95	15.20

3	26805	8	#Max	16QAM	22.96	15.21
3	26805	15	#0	16QAM	22.87	15.12
3	26915	1	#0	QPSK	24.69	16.94
3	26915	1	#Mid	QPSK	24.76	17.01
3	26915	1	#Max	QPSK	24.65	16.90
3	26915	8	#0	QPSK	23.87	16.12
3	26915	8	#Mid	QPSK	23.89	16.14
3	26915	8	#Max	QPSK	23.93	16.18
3	26915	15	#0	QPSK	23.86	16.11
3	26915	1	#0	16QAM	23.74	15.99
3	26915	1	#Mid	16QAM	23.83	16.08
3	26915	1	#Max	16QAM	23.68	15.93
3	26915	8	#0	16QAM	22.85	15.10
3	26915	8	#Mid	16QAM	22.83	15.08
3	26915	8	#Max	16QAM	22.83	15.08
3	26915	15	#0	16QAM	22.72	14.97
3	27025	1	#0	QPSK	24.66	16.91
3	27025	1	#Mid	QPSK	24.85	17.10
3	27025	1	#Max	QPSK	24.75	17.00
3	27025	8	#0	QPSK	23.85	16.10
3	27025	8	#Mid	QPSK	23.85	16.10
3	27025	8	#Max	QPSK	23.86	16.11
3	27025	15	#0	QPSK	23.85	16.10
3	27025	1	#0	16QAM	23.41	15.66
3	27025	1	#Mid	16QAM	23.57	15.82
3	27025	1	#Max	16QAM	23.48	15.73
3	27025	8	#0	16QAM	22.84	15.09
3	27025	8	#Mid	16QAM	22.82	15.07
3	27025	8	#Max	16QAM	22.83	15.08
3	27025	15	#0	16QAM	22.81	15.06
5	26815	1	#0	QPSK	25.01	17.26
5	26815	1	#Mid	QPSK	25.11	17.36
5	26815	1	#Max	QPSK	24.98	17.23
5	26815	12	#0	QPSK	23.99	16.24
5	26815	12	#Mid	QPSK	24.04	16.29
5	26815	12	#Max	QPSK	24.02	16.27
5	26815	25	#0	QPSK	24.03	16.28
5	26815	1	#0	16QAM	24.23	16.48
5	26815	1	#Mid	16QAM	24.33	16.58
5	26815	1	#Max	16QAM	24.19	16.44
5	26815	12	#0	16QAM	22.99	15.24
5	26815	12	#Mid	16QAM	23.00	15.25
5	26815	12	#Max	16QAM	22.97	15.22
5	26815	25	#0	16QAM	23.05	15.30
5	26915	1	#0	QPSK	24.98	17.23

5	26915	1	#Mid	QPSK	25.05	17.30
5	26915	1	#Max	QPSK	24.95	17.20
5	26915	12	#0	QPSK	23.92	16.17
5	26915	12	#Mid	QPSK	23.95	16.20
5	26915	12	#Max	QPSK	23.92	16.17
5	26915	25	#0	QPSK	23.94	16.19
5	26915	1	#0	16QAM	24.05	16.30
5	26915	1	#Mid	16QAM	24.16	16.41
5	26915	1	#Max	16QAM	24.08	16.33
5	26915	12	#0	16QAM	22.87	15.12
5	26915	12	#Mid	16QAM	22.88	15.13
5	26915	12	#Max	16QAM	22.91	15.16
5	26915	25	#0	16QAM	22.92	15.17
5	27015	1	#0	QPSK	24.88	17.13
5	27015	1	#Mid	QPSK	24.99	17.24
5	27015	1	#Max	QPSK	24.89	17.14
5	27015	12	#0	QPSK	23.91	16.16
5	27015	12	#Mid	QPSK	23.96	16.21
5	27015	12	#Max	QPSK	23.85	16.10
5	27015	25	#0	QPSK	23.91	16.16
5	27015	1	#0	16QAM	24.09	16.34
5	27015	1	#Mid	16QAM	24.20	16.45
5	27015	1	#Max	16QAM	24.07	16.32
5	27015	12	#0	16QAM	22.97	15.22
5	27015	12	#Mid	16QAM	22.95	15.20
5	27015	12	#Max	16QAM	22.88	15.13
5	27015	25	#0	16QAM	22.91	15.16
10	26840	1	#0	QPSK	25.16	17.41
10	26840	1	#Mid	QPSK	25.16	17.41
10	26840	1	#Max	QPSK	25.08	17.33
10	26840	25	#0	QPSK	24.02	16.27
10	26840	25	#Mid	QPSK	24.04	16.29
10	26840	25	#Max	QPSK	23.97	16.22
10	26840	50	#0	QPSK	24.05	16.30
10	26840	1	#0	16QAM	23.93	16.18
10	26840	1	#Mid	16QAM	23.97	16.22
10	26840	1	#Max	16QAM	23.85	16.10
10	26840	25	#0	16QAM	23.07	15.32
10	26840	25	#Mid	16QAM	23.05	15.30
10	26840	25	#Max	16QAM	22.99	15.24
10	26840	50	#0	16QAM	23.00	15.25
10	26915	1	#0	QPSK	25.04	17.29
10	26915	1	#Mid	QPSK	25.03	17.28
10	26915	1	#Max	QPSK	25.00	17.25
10	26915	25	#0	QPSK	23.90	16.15

10	26915	25	#Mid	QPSK	23.93	16.18
10	26915	25	#Max	QPSK	23.96	16.21
10	26915	50	#0	QPSK	23.95	16.20
10	26915	1	#0	16QAM	24.26	16.51
10	26915	1	#Mid	16QAM	24.23	16.48
10	26915	1	#Max	16QAM	24.16	16.41
10	26915	25	#0	16QAM	22.97	15.22
10	26915	25	#Mid	16QAM	23.01	15.26
10	26915	25	#Max	16QAM	22.98	15.23
10	26915	50	#0	16QAM	22.92	15.17
10	26990	1	#0	QPSK	25.04	17.29
10	26990	1	#Mid	QPSK	25.04	17.29
10	26990	1	#Max	QPSK	25.03	17.28
10	26990	25	#0	QPSK	23.97	16.22
10	26990	25	#Mid	QPSK	23.97	16.22
10	26990	25	#Max	QPSK	23.81	16.06
10	26990	50	#0	QPSK	23.91	16.16
10	26990	1	#0	16QAM	24.12	16.37
10	26990	1	#Mid	16QAM	24.18	16.43
10	26990	1	#Max	16QAM	24.16	16.41
10	26990	25	#0	16QAM	23.00	15.25
10	26990	25	#Mid	16QAM	23.00	15.25
10	26990	25	#Max	16QAM	22.84	15.09
10	26990	50	#0	16QAM	22.89	15.14
15	26865	1	#0	QPSK	25.07	17.32
15	26865	1	#Mid	QPSK	25.14	17.39
15	26865	1	#Max	QPSK	24.92	17.17
15	26865	36	#0	QPSK	24.08	16.33
15	26865	36	#Mid	QPSK	24.06	16.31
15	26865	36	#Max	QPSK	24.06	16.31
15	26865	75	#0	QPSK	24.08	16.33
15	26865	1	#0	16QAM	24.19	16.44
15	26865	1	#Mid	16QAM	24.21	16.46
15	26865	1	#Max	16QAM	24.01	16.26
15	26865	36	#0	16QAM	23.02	15.27
15	26865	36	#Mid	16QAM	23.02	15.27
15	26865	36	#Max	16QAM	22.99	15.24
15	26865	75	#0	16QAM	23.01	15.26
15	26915	1	#0	QPSK	25.07	17.32
15	26915	1	#Mid	QPSK	25.16	17.41
15	26915	1	#Max	QPSK	25.07	17.32
15	26915	36	#0	QPSK	24.01	16.26
15	26915	36	#Mid	QPSK	24.00	16.25
15	26915	36	#Max	QPSK	24.03	16.28
15	26915	75	#0	QPSK	24.08	16.33

15	26915	1	#0	16QAM	24.05	16.30
15	26915	1	#Mid	16QAM	24.05	16.30
15	26915	1	#Max	16QAM	23.96	16.21
15	26915	36	#0	16QAM	22.98	15.23
15	26915	36	#Mid	16QAM	22.98	15.23
15	26915	36	#Max	16QAM	22.96	15.21
15	26915	75	#0	16QAM	23.00	15.25
15	26965	1	#0	QPSK	24.97	17.22
15	26965	1	#Mid	QPSK	25.05	17.30
15	26965	1	#Max	QPSK	24.97	17.22
15	26965	36	#0	QPSK	23.94	16.19
15	26965	36	#Mid	QPSK	23.96	16.21
15	26965	36	#Max	QPSK	23.92	16.17
15	26965	75	#0	QPSK	23.96	16.21
15	26965	1	#0	16QAM	24.16	16.41
15	26965	1	#Mid	16QAM	24.26	16.51
15	26965	1	#Max	16QAM	24.16	16.41
15	26965	36	#0	16QAM	22.93	15.18
15	26965	36	#Mid	16QAM	22.92	15.17
15	26965	36	#Max	16QAM	22.87	15.12
15	26965	75	#0	16QAM	22.92	15.17
1.4	26797	1	#0	64QAM	23.72	15.97
1.4	26797	1	#Mid	64QAM	23.78	16.03
1.4	26797	1	#Max	64QAM	23.73	15.98
1.4	26797	3	#0	64QAM	23.63	15.88
1.4	26797	3	#Mid	64QAM	23.63	15.88
1.4	26797	3	#Max	64QAM	23.64	15.89
1.4	26797	6	#0	64QAM	22.68	14.93
1.4	26915	1	#0	64QAM	23.36	15.61
1.4	26915	1	#Mid	64QAM	23.39	15.64
1.4	26915	1	#Max	64QAM	23.40	15.65
1.4	26915	3	#0	64QAM	23.50	15.75
1.4	26915	3	#Mid	64QAM	23.49	15.74
1.4	26915	3	#Max	64QAM	23.45	15.70
1.4	26915	6	#0	64QAM	22.64	14.89
1.4	27033	1	#0	64QAM	23.46	15.71
1.4	27033	1	#Mid	64QAM	23.53	15.78
1.4	27033	1	#Max	64QAM	23.48	15.73
1.4	27033	3	#0	64QAM	23.64	15.89
1.4	27033	3	#Mid	64QAM	23.65	15.90
1.4	27033	3	#Max	64QAM	23.67	15.92
1.4	27033	6	#0	64QAM	22.61	14.86
3	26805	1	#0	64QAM	23.23	15.48
3	26805	1	#Mid	64QAM	23.38	15.63
3	26805	1	#Max	64QAM	23.23	15.48

3	26805	8	#0	64QAM	22.63	14.88
3	26805	8	#Mid	64QAM	22.62	14.87
3	26805	8	#Max	64QAM	22.67	14.92
3	26805	15	#0	64QAM	22.65	14.90
3	26915	1	#0	64QAM	23.44	15.69
3	26915	1	#Mid	64QAM	23.61	15.86
3	26915	1	#Max	64QAM	23.48	15.73
3	26915	8	#0	64QAM	22.50	14.75
3	26915	8	#Mid	64QAM	22.49	14.74
3	26915	8	#Max	64QAM	22.56	14.81
3	26915	15	#0	64QAM	22.54	14.79
3	27025	1	#0	64QAM	23.48	15.73
3	27025	1	#Mid	64QAM	23.56	15.81
3	27025	1	#Max	64QAM	23.48	15.73
3	27025	8	#0	64QAM	22.52	14.77
3	27025	8	#Mid	64QAM	22.53	14.78
3	27025	8	#Max	64QAM	22.52	14.77
3	27025	15	#0	64QAM	22.38	14.63
5	26815	1	#0	64QAM	24.66	16.91
5	26815	1	#Mid	64QAM	24.79	17.04
5	26815	1	#Max	64QAM	24.59	16.84
5	26815	12	#0	64QAM	23.72	15.97
5	26815	12	#Mid	64QAM	23.71	15.96
5	26815	12	#Max	64QAM	23.71	15.96
5	26815	25	#0	64QAM	23.71	15.96
5	26915	1	#0	64QAM	24.60	16.85
5	26915	1	#Mid	64QAM	24.69	16.94
5	26915	1	#Max	64QAM	24.58	16.83
5	26915	12	#0	64QAM	23.63	15.88
5	26915	12	#Mid	64QAM	23.59	15.84
5	26915	12	#Max	64QAM	23.61	15.86
5	26915	25	#0	64QAM	23.62	15.87
5	27015	1	#0	64QAM	24.63	16.88
5	27015	1	#Mid	64QAM	24.73	16.98
5	27015	1	#Max	64QAM	24.66	16.91
5	27015	12	#0	64QAM	23.66	15.91
5	27015	12	#Mid	64QAM	23.66	15.91
5	27015	12	#Max	64QAM	23.57	15.82
5	27015	25	#0	64QAM	23.61	15.86
10	26840	1	#0	64QAM	23.97	16.22
10	26840	1	#Mid	64QAM	23.99	16.24
10	26840	1	#Max	64QAM	23.89	16.14
10	26840	25	#0	64QAM	22.83	15.08
10	26840	25	#Mid	64QAM	22.81	15.06
10	26840	25	#Max	64QAM	22.79	15.04

10	26840	50	#0	64QAM	22.73	14.98
10	26915	1	#0	64QAM	23.87	16.12
10	26915	1	#Mid	64QAM	23.86	16.11
10	26915	1	#Max	64QAM	23.80	16.05
10	26915	25	#0	64QAM	22.67	14.92
10	26915	25	#Mid	64QAM	22.66	14.91
10	26915	25	#Max	64QAM	22.67	14.92
10	26915	50	#0	64QAM	22.60	14.85
10	26990	1	#0	64QAM	23.57	15.82
10	26990	1	#Mid	64QAM	23.66	15.91
10	26990	1	#Max	64QAM	23.56	15.81
10	26990	25	#0	64QAM	22.64	14.89
10	26990	25	#Mid	64QAM	22.66	14.91
10	26990	25	#Max	64QAM	22.55	14.80
10	26990	50	#0	64QAM	22.59	14.84
15	26865	1	#0	64QAM	23.73	15.98
15	26865	1	#Mid	64QAM	23.82	16.07
15	26865	1	#Max	64QAM	23.59	15.84
15	26865	36	#0	64QAM	22.75	15.00
15	26865	36	#Mid	64QAM	22.76	15.01
15	26865	36	#Max	64QAM	22.66	14.91
15	26865	75	#0	64QAM	22.73	14.98
15	26915	1	#0	64QAM	23.93	16.18
15	26915	1	#Mid	64QAM	23.94	16.19
15	26915	1	#Max	64QAM	23.84	16.09
15	26915	36	#0	64QAM	22.66	14.91
15	26915	36	#Mid	64QAM	22.65	14.90
15	26915	36	#Max	64QAM	22.66	14.91
15	26915	75	#0	64QAM	22.69	14.94
15	26965	1	#0	64QAM	23.76	16.01
15	26965	1	#Mid	64QAM	23.88	16.13
15	26965	1	#Max	64QAM	23.79	16.04
15	26965	36	#0	64QAM	22.58	14.83
15	26965	36	#Mid	64QAM	22.56	14.81
15	26965	36	#Max	64QAM	22.52	14.77
15	26965	75	#0	64QAM	22.63	14.88

Upper Antenna

GSM 850		Burst-conducted power			ERP (dBm)		
		Channel/ Frequency (MHz)			Channel/ Frequency (MHz)		
		128/824.2	190/836.6	251/848.8	128/824.2	190/836.6	251/848.8
GSM	CS	31.10	31.09	31.02	20.75	20.74	20.67
GPRS(GMSK)	1 Tx Slot	31.10	31.04	30.98	20.75	20.69	20.63
	2 Tx Slots	29.36	29.37	29.36	19.01	19.02	19.01
	3 Tx Slots	27.47	27.50	27.52	17.12	17.15	17.17
	4 Tx Slots	26.38	26.42	26.41	16.03	16.07	16.06
EGPRS (8PSK)	1 Tx Slot	26.14	26.12	26.17	15.79	15.77	15.82
	2 Tx Slots	22.94	22.81	23.04	12.59	12.46	12.69
	3 Tx Slots	20.64	20.75	20.81	10.29	10.40	10.46
	4 Tx Slots	19.61	19.59	19.44	9.26	9.24	9.09

WCDMA Band V		Conducted Power (dBm)			ERP (dBm)		
		Channel/ Frequency (MHz)			Channel/ Frequency (MHz)		
		4132/826.4	4183/836.6	4233/846.6	4132/826.4	4183/836.6	4233/846.6
RMC	12.2k	24.06	24.02	23.98	13.71	13.67	13.63
HSDPA	Subtest 1	23.48	23.44	23.40	13.13	13.09	13.05
	Subtest 2	23.47	23.43	23.39	13.12	13.08	13.04
	Subtest 3	22.96	22.92	22.88	12.61	12.57	12.53
	Subtest 4	22.95	22.91	22.87	12.60	12.56	12.52
HSUPA	Subtest 1	22.44	22.40	22.36	12.09	12.05	12.01
	Subtest 2	20.43	20.39	20.35	10.08	10.04	10.00
	Subtest 3	21.41	21.38	21.34	11.06	11.03	10.99
	Subtest 4	20.40	20.37	20.33	10.05	10.02	9.98
	Subtest 5	23.89	23.86	23.82	13.54	13.51	13.47
DC-HSDPA	Subtest 1	23.40	23.38	23.32	13.05	13.03	12.97
	Subtest 2	23.39	23.37	23.31	13.04	13.02	12.96
	Subtest 3	22.97	22.86	22.82	12.62	12.51	12.47
	Subtest 4	22.96	22.85	22.81	12.61	12.50	12.46
HSPA+	16QAM	21.55	21.53	21.49	11.20	11.18	11.14

LTE Band 5						
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
1.4	20407	1	#0	QPSK	24.44	14.09
1.4	20407	1	#Mid	QPSK	24.54	14.19
1.4	20407	1	#Max	QPSK	24.48	14.13
1.4	20407	3	#0	QPSK	24.47	14.12
1.4	20407	3	#Mid	QPSK	24.49	14.14
1.4	20407	3	#Max	QPSK	24.47	14.12
1.4	20407	6	#0	QPSK	23.53	13.18
1.4	20407	1	#0	16QAM	23.38	13.03
1.4	20407	1	#Mid	16QAM	23.47	13.12
1.4	20407	1	#Max	16QAM	23.38	13.03
1.4	20407	3	#0	16QAM	23.60	13.25
1.4	20407	3	#Mid	16QAM	23.59	13.24
1.4	20407	3	#Max	16QAM	23.61	13.26
1.4	20407	6	#0	16QAM	22.57	12.22
1.4	20525	1	#0	QPSK	24.30	13.95
1.4	20525	1	#Mid	QPSK	24.35	14.00
1.4	20525	1	#Max	QPSK	24.30	13.95
1.4	20525	3	#0	QPSK	24.37	14.02
1.4	20525	3	#Mid	QPSK	24.37	14.02
1.4	20525	3	#Max	QPSK	24.35	14.00
1.4	20525	6	#0	QPSK	23.48	13.13
1.4	20525	1	#0	16QAM	23.41	13.06
1.4	20525	1	#Mid	16QAM	23.50	13.15
1.4	20525	1	#Max	16QAM	23.46	13.11
1.4	20525	3	#0	16QAM	23.35	13.00
1.4	20525	3	#Mid	16QAM	23.33	12.98
1.4	20525	3	#Max	16QAM	23.34	12.99
1.4	20525	6	#0	16QAM	22.41	12.06
1.4	20643	1	#0	QPSK	24.32	13.97
1.4	20643	1	#Mid	QPSK	24.37	14.02
1.4	20643	1	#Max	QPSK	24.34	13.99
1.4	20643	3	#0	QPSK	24.34	13.99
1.4	20643	3	#Mid	QPSK	24.34	13.99
1.4	20643	3	#Max	QPSK	24.30	13.95
1.4	20643	6	#0	QPSK	23.42	13.07
1.4	20643	1	#0	16QAM	23.12	12.77
1.4	20643	1	#Mid	16QAM	23.14	12.79
1.4	20643	1	#Max	16QAM	23.12	12.77
1.4	20643	3	#0	16QAM	23.24	12.89
1.4	20643	3	#Mid	16QAM	23.24	12.89
1.4	20643	3	#Max	16QAM	23.21	12.86

1.4	20643	6	#0	16QAM	22.38	12.03
3	20415	1	#0	QPSK	24.17	13.82
3	20415	1	#Mid	QPSK	24.22	13.87
3	20415	1	#Max	QPSK	24.15	13.80
3	20415	8	#0	QPSK	23.43	13.08
3	20415	8	#Mid	QPSK	23.43	13.08
3	20415	8	#Max	QPSK	23.45	13.10
3	20415	15	#0	QPSK	23.42	13.07
3	20415	1	#0	16QAM	23.45	13.10
3	20415	1	#Mid	16QAM	23.57	13.22
3	20415	1	#Max	16QAM	23.51	13.16
3	20415	8	#0	16QAM	22.42	12.07
3	20415	8	#Mid	16QAM	22.45	12.10
3	20415	8	#Max	16QAM	22.45	12.10
3	20415	15	#0	16QAM	22.41	12.06
3	20525	1	#0	QPSK	24.11	13.76
3	20525	1	#Mid	QPSK	24.17	13.82
3	20525	1	#Max	QPSK	24.08	13.73
3	20525	8	#0	QPSK	23.38	13.03
3	20525	8	#Mid	QPSK	23.35	13.00
3	20525	8	#Max	QPSK	23.38	13.03
3	20525	15	#0	QPSK	23.36	13.01
3	20525	1	#0	16QAM	23.32	12.97
3	20525	1	#Mid	16QAM	23.38	13.03
3	20525	1	#Max	16QAM	23.29	12.94
3	20525	8	#0	16QAM	22.29	11.94
3	20525	8	#Mid	16QAM	22.33	11.98
3	20525	8	#Max	16QAM	22.33	11.98
3	20525	15	#0	16QAM	22.23	11.88
3	20635	1	#0	QPSK	24.11	13.76
3	20635	1	#Mid	QPSK	24.26	13.91
3	20635	1	#Max	QPSK	24.17	13.82
3	20635	8	#0	QPSK	23.31	12.96
3	20635	8	#Mid	QPSK	23.32	12.97
3	20635	8	#Max	QPSK	23.29	12.94
3	20635	15	#0	QPSK	23.29	12.94
3	20635	1	#0	16QAM	23.00	12.65
3	20635	1	#Mid	16QAM	23.16	12.81
3	20635	1	#Max	16QAM	23.02	12.67
3	20635	8	#0	16QAM	22.29	11.94
3	20635	8	#Mid	16QAM	22.28	11.93
3	20635	8	#Max	16QAM	22.30	11.95
3	20635	15	#0	16QAM	22.30	11.95
5	20425	1	#0	QPSK	24.45	14.10
5	20425	1	#Mid	QPSK	24.66	14.31

5	20425	1	#Max	QPSK	24.47	14.12
5	20425	12	#0	QPSK	23.53	13.18
5	20425	12	#Mid	QPSK	23.57	13.22
5	20425	12	#Max	QPSK	23.54	13.19
5	20425	25	#0	QPSK	23.53	13.18
5	20425	1	#0	16QAM	23.75	13.40
5	20425	1	#Mid	16QAM	23.84	13.49
5	20425	1	#Max	16QAM	23.72	13.37
5	20425	12	#0	16QAM	22.51	12.16
5	20425	12	#Mid	16QAM	22.50	12.15
5	20425	12	#Max	16QAM	22.52	12.17
5	20425	25	#0	16QAM	22.55	12.20
5	20525	1	#0	QPSK	24.44	14.09
5	20525	1	#Mid	QPSK	24.55	14.20
5	20525	1	#Max	QPSK	24.41	14.06
5	20525	12	#0	QPSK	23.46	13.11
5	20525	12	#Mid	QPSK	23.44	13.09
5	20525	12	#Max	QPSK	23.43	13.08
5	20525	25	#0	QPSK	23.42	13.07
5	20525	1	#0	16QAM	23.59	13.24
5	20525	1	#Mid	16QAM	23.68	13.33
5	20525	1	#Max	16QAM	23.53	13.18
5	20525	12	#0	16QAM	22.34	11.99
5	20525	12	#Mid	16QAM	22.35	12.00
5	20525	12	#Max	16QAM	22.33	11.98
5	20525	25	#0	16QAM	22.39	12.04
5	20625	1	#0	QPSK	24.31	13.96
5	20625	1	#Mid	QPSK	24.48	14.13
5	20625	1	#Max	QPSK	24.27	13.92
5	20625	12	#0	QPSK	23.40	13.05
5	20625	12	#Mid	QPSK	23.37	13.02
5	20625	12	#Max	QPSK	23.33	12.98
5	20625	25	#0	QPSK	23.38	13.03
5	20625	1	#0	16QAM	23.56	13.21
5	20625	1	#Mid	16QAM	23.68	13.33
5	20625	1	#Max	16QAM	23.51	13.16
5	20625	12	#0	16QAM	22.40	12.05
5	20625	12	#Mid	16QAM	22.37	12.02
5	20625	12	#Max	16QAM	22.34	11.99
5	20625	25	#0	16QAM	22.41	12.06
10	20450	1	#0	QPSK	24.56	14.21
10	20450	1	#Mid	QPSK	24.57	14.22
10	20450	1	#Max	QPSK	24.49	14.14
10	20450	25	#0	QPSK	23.50	13.15
10	20450	25	#Mid	QPSK	23.51	13.16

10	20450	25	#Max	QPSK	23.52	13.17
10	20450	50	#0	QPSK	23.55	13.20
10	20450	1	#0	16QAM	23.81	13.46
10	20450	1	#Mid	16QAM	23.79	13.44
10	20450	1	#Max	16QAM	23.67	13.32
10	20450	25	#0	16QAM	22.61	12.26
10	20450	25	#Mid	16QAM	22.61	12.26
10	20450	25	#Max	16QAM	22.61	12.26
10	20450	50	#0	16QAM	22.54	12.19
10	20525	1	#0	QPSK	24.56	14.21
10	20525	1	#Mid	QPSK	24.52	14.17
10	20525	1	#Max	QPSK	24.47	14.12
10	20525	25	#0	QPSK	23.41	13.06
10	20525	25	#Mid	QPSK	23.42	13.07
10	20525	25	#Max	QPSK	23.48	13.13
10	20525	50	#0	QPSK	23.46	13.11
10	20525	1	#0	16QAM	23.66	13.31
10	20525	1	#Mid	16QAM	23.64	13.29
10	20525	1	#Max	16QAM	23.61	13.26
10	20525	25	#0	16QAM	22.45	12.10
10	20525	25	#Mid	16QAM	22.44	12.09
10	20525	25	#Max	16QAM	22.46	12.11
10	20525	50	#0	16QAM	22.41	12.06
10	20600	1	#0	QPSK	24.55	14.20
10	20600	1	#Mid	QPSK	24.59	14.24
10	20600	1	#Max	QPSK	24.55	14.20
10	20600	25	#0	QPSK	23.42	13.07
10	20600	25	#Mid	QPSK	23.45	13.10
10	20600	25	#Max	QPSK	23.33	12.98
10	20600	50	#0	QPSK	23.43	13.08
10	20600	1	#0	16QAM	23.34	12.99
10	20600	1	#Mid	16QAM	23.41	13.06
10	20600	1	#Max	16QAM	23.31	12.96
10	20600	25	#0	16QAM	22.45	12.10
10	20600	25	#Mid	16QAM	22.46	12.11
10	20600	25	#Max	16QAM	22.36	12.01
10	20600	50	#0	16QAM	22.39	12.04
1.4	20407	1	#0	64QAM	22.88	12.53
1.4	20407	1	#Mid	64QAM	22.99	12.64
1.4	20407	1	#Max	64QAM	22.95	12.60
1.4	20407	3	#0	64QAM	23.12	12.77
1.4	20407	3	#Mid	64QAM	23.12	12.77
1.4	20407	3	#Max	64QAM	23.16	12.81
1.4	20407	6	#0	64QAM	22.09	11.74
1.4	20525	1	#0	64QAM	22.95	12.60

1.4	20525	1	#Mid	64QAM	23.00	12.65
1.4	20525	1	#Max	64QAM	22.99	12.64
1.4	20525	3	#0	64QAM	22.86	12.51
1.4	20525	3	#Mid	64QAM	22.84	12.49
1.4	20525	3	#Max	64QAM	22.85	12.50
1.4	20525	6	#0	64QAM	21.93	11.58
1.4	20643	1	#0	64QAM	22.65	12.30
1.4	20643	1	#Mid	64QAM	22.68	12.33
1.4	20643	1	#Max	64QAM	22.64	12.29
1.4	20643	3	#0	64QAM	22.76	12.41
1.4	20643	3	#Mid	64QAM	22.76	12.41
1.4	20643	3	#Max	64QAM	22.75	12.40
1.4	20643	6	#0	64QAM	21.89	11.54
3	20415	1	#0	64QAM	22.67	12.32
3	20415	1	#Mid	64QAM	22.79	12.44
3	20415	1	#Max	64QAM	22.74	12.39
3	20415	8	#0	64QAM	21.96	11.61
3	20415	8	#Mid	64QAM	21.96	11.61
3	20415	8	#Max	64QAM	21.97	11.62
3	20415	15	#0	64QAM	21.98	11.63
3	20525	1	#0	64QAM	22.93	12.58
3	20525	1	#Mid	64QAM	23.02	12.67
3	20525	1	#Max	64QAM	22.88	12.53
3	20525	8	#0	64QAM	21.85	11.50
3	20525	8	#Mid	64QAM	21.84	11.49
3	20525	8	#Max	64QAM	21.87	11.52
3	20525	15	#0	64QAM	21.81	11.46
3	20635	1	#0	64QAM	22.84	12.49
3	20635	1	#Mid	64QAM	22.88	12.53
3	20635	1	#Max	64QAM	22.78	12.43
3	20635	8	#0	64QAM	21.80	11.45
3	20635	8	#Mid	64QAM	21.80	11.45
3	20635	8	#Max	64QAM	21.81	11.46
3	20635	15	#0	64QAM	21.74	11.39
5	20425	1	#0	64QAM	24.00	13.65
5	20425	1	#Mid	64QAM	24.12	13.77
5	20425	1	#Max	64QAM	23.99	13.64
5	20425	12	#0	64QAM	23.10	12.75
5	20425	12	#Mid	64QAM	23.06	12.71
5	20425	12	#Max	64QAM	23.05	12.70
5	20425	25	#0	64QAM	23.05	12.70
5	20525	1	#0	64QAM	23.99	13.64
5	20525	1	#Mid	64QAM	24.05	13.70
5	20525	1	#Max	64QAM	23.93	13.58
5	20525	12	#0	64QAM	22.94	12.59

5	20525	12	#Mid	64QAM	22.93	12.58
5	20525	12	#Max	64QAM	22.95	12.60
5	20525	25	#0	64QAM	22.93	12.58
5	20625	1	#0	64QAM	23.80	13.45
5	20625	1	#Mid	64QAM	23.97	13.62
5	20625	1	#Max	64QAM	23.78	13.43
5	20625	12	#0	64QAM	22.93	12.58
5	20625	12	#Mid	64QAM	22.94	12.59
5	20625	12	#Max	64QAM	22.84	12.49
5	20625	25	#0	64QAM	22.88	12.53
10	20450	1	#0	64QAM	23.34	12.99
10	20450	1	#Mid	64QAM	23.37	13.02
10	20450	1	#Max	64QAM	23.24	12.89
10	20450	25	#0	64QAM	22.13	11.78
10	20450	25	#Mid	64QAM	22.07	11.72
10	20450	25	#Max	64QAM	22.13	11.78
10	20450	50	#0	64QAM	22.06	11.71
10	20525	1	#0	64QAM	23.18	12.83
10	20525	1	#Mid	64QAM	23.18	12.83
10	20525	1	#Max	64QAM	23.11	12.76
10	20525	25	#0	64QAM	21.96	11.61
10	20525	25	#Mid	64QAM	21.93	11.58
10	20525	25	#Max	64QAM	21.98	11.63
10	20525	50	#0	64QAM	21.91	11.56
10	20600	1	#0	64QAM	22.91	12.56
10	20600	1	#Mid	64QAM	22.93	12.58
10	20600	1	#Max	64QAM	22.84	12.49
10	20600	25	#0	64QAM	21.94	11.59
10	20600	25	#Mid	64QAM	21.93	11.58
10	20600	25	#Max	64QAM	21.87	11.52
10	20600	50	#0	64QAM	21.92	11.57

LTE Band 26						
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
1.4	26797	1	#0	QPSK	24.39	13.95
1.4	26797	1	#Mid	QPSK	24.44	14.00
1.4	26797	1	#Max	QPSK	24.37	13.93
1.4	26797	3	#0	QPSK	24.46	14.02
1.4	26797	3	#Mid	QPSK	24.48	14.04
1.4	26797	3	#Max	QPSK	24.41	13.97
1.4	26797	6	#0	QPSK	23.56	13.12
1.4	26797	1	#0	16QAM	23.56	13.12
1.4	26797	1	#Mid	16QAM	23.59	13.15

1.4	26797	1	#Max	16QAM	23.55	13.11
1.4	26797	3	#0	16QAM	23.45	13.01
1.4	26797	3	#Mid	16QAM	23.44	13.00
1.4	26797	3	#Max	16QAM	23.44	13.00
1.4	26797	6	#0	16QAM	22.48	12.04
1.4	26915	1	#0	QPSK	24.38	13.94
1.4	26915	1	#Mid	QPSK	24.44	14.00
1.4	26915	1	#Max	QPSK	24.36	13.92
1.4	26915	3	#0	QPSK	24.38	13.94
1.4	26915	3	#Mid	QPSK	24.40	13.96
1.4	26915	3	#Max	QPSK	24.32	13.88
1.4	26915	6	#0	QPSK	23.45	13.01
1.4	26915	1	#0	16QAM	23.19	12.75
1.4	26915	1	#Mid	16QAM	23.19	12.75
1.4	26915	1	#Max	16QAM	23.22	12.78
1.4	26915	3	#0	16QAM	23.30	12.86
1.4	26915	3	#Mid	16QAM	23.31	12.87
1.4	26915	3	#Max	16QAM	23.30	12.86
1.4	26915	6	#0	16QAM	22.43	11.99
1.4	27033	1	#0	QPSK	24.40	13.96
1.4	27033	1	#Mid	QPSK	24.45	14.01
1.4	27033	1	#Max	QPSK	24.41	13.97
1.4	27033	3	#0	QPSK	24.33	13.89
1.4	27033	3	#Mid	QPSK	24.32	13.88
1.4	27033	3	#Max	QPSK	24.32	13.88
1.4	27033	6	#0	QPSK	23.43	12.99
1.4	27033	1	#0	16QAM	23.25	12.81
1.4	27033	1	#Mid	16QAM	23.34	12.90
1.4	27033	1	#Max	16QAM	23.25	12.81
1.4	27033	3	#0	16QAM	23.45	13.01
1.4	27033	3	#Mid	16QAM	23.42	12.98
1.4	27033	3	#Max	16QAM	23.43	12.99
1.4	27033	6	#0	16QAM	22.43	11.99
3	26805	1	#0	QPSK	24.23	13.79
3	26805	1	#Mid	QPSK	24.37	13.93
3	26805	1	#Max	QPSK	24.29	13.85
3	26805	8	#0	QPSK	23.44	13.00
3	26805	8	#Mid	QPSK	23.41	12.97
3	26805	8	#Max	QPSK	23.48	13.04
3	26805	15	#0	QPSK	23.48	13.04
3	26805	1	#0	16QAM	23.14	12.70
3	26805	1	#Mid	16QAM	23.28	12.84
3	26805	1	#Max	16QAM	23.17	12.73
3	26805	8	#0	16QAM	22.47	12.03
3	26805	8	#Mid	16QAM	22.44	12.00

3	26805	8	#Max	16QAM	22.47	12.03
3	26805	15	#0	16QAM	22.45	12.01
3	26915	1	#0	QPSK	24.08	13.64
3	26915	1	#Mid	QPSK	24.19	13.75
3	26915	1	#Max	QPSK	24.09	13.65
3	26915	8	#0	QPSK	23.35	12.91
3	26915	8	#Mid	QPSK	23.35	12.91
3	26915	8	#Max	QPSK	23.38	12.94
3	26915	15	#0	QPSK	23.38	12.94
3	26915	1	#0	16QAM	23.36	12.92
3	26915	1	#Mid	16QAM	23.49	13.05
3	26915	1	#Max	16QAM	23.40	12.96
3	26915	8	#0	16QAM	22.29	11.85
3	26915	8	#Mid	16QAM	22.31	11.87
3	26915	8	#Max	16QAM	22.33	11.89
3	26915	15	#0	16QAM	22.30	11.86
3	27025	1	#0	QPSK	24.07	13.63
3	27025	1	#Mid	QPSK	24.20	13.76
3	27025	1	#Max	QPSK	24.10	13.66
3	27025	8	#0	QPSK	23.32	12.88
3	27025	8	#Mid	QPSK	23.34	12.90
3	27025	8	#Max	QPSK	23.36	12.92
3	27025	15	#0	QPSK	23.36	12.92
3	27025	1	#0	16QAM	23.30	12.86
3	27025	1	#Mid	16QAM	23.38	12.94
3	27025	1	#Max	16QAM	23.30	12.86
3	27025	8	#0	16QAM	22.28	11.84
3	27025	8	#Mid	16QAM	22.32	11.88
3	27025	8	#Max	16QAM	22.31	11.87
3	27025	15	#0	16QAM	22.24	11.80
5	26815	1	#0	QPSK	24.49	14.05
5	26815	1	#Mid	QPSK	24.62	14.18
5	26815	1	#Max	QPSK	24.48	14.04
5	26815	12	#0	QPSK	23.51	13.07
5	26815	12	#Mid	QPSK	23.52	13.08
5	26815	12	#Max	QPSK	23.56	13.12
5	26815	25	#0	QPSK	23.51	13.07
5	26815	1	#0	16QAM	23.74	13.30
5	26815	1	#Mid	16QAM	23.86	13.42
5	26815	1	#Max	16QAM	23.73	13.29
5	26815	12	#0	16QAM	22.48	12.04
5	26815	12	#Mid	16QAM	22.49	12.05
5	26815	12	#Max	16QAM	22.50	12.06
5	26815	25	#0	16QAM	22.57	12.13
5	26915	1	#0	QPSK	24.44	14.00

5	26915	1	#Mid	QPSK	24.52	14.08
5	26915	1	#Max	QPSK	24.43	13.99
5	26915	12	#0	QPSK	23.43	12.99
5	26915	12	#Mid	QPSK	23.47	13.03
5	26915	12	#Max	QPSK	23.46	13.02
5	26915	25	#0	QPSK	23.40	12.96
5	26915	1	#0	16QAM	23.60	13.16
5	26915	1	#Mid	16QAM	23.61	13.17
5	26915	1	#Max	16QAM	23.54	13.10
5	26915	12	#0	16QAM	22.35	11.91
5	26915	12	#Mid	16QAM	22.34	11.90
5	26915	12	#Max	16QAM	22.36	11.92
5	26915	25	#0	16QAM	22.40	11.96
5	27015	1	#0	QPSK	24.34	13.90
5	27015	1	#Mid	QPSK	24.46	14.02
5	27015	1	#Max	QPSK	24.34	13.90
5	27015	12	#0	QPSK	23.44	13.00
5	27015	12	#Mid	QPSK	23.41	12.97
5	27015	12	#Max	QPSK	23.39	12.95
5	27015	25	#0	QPSK	23.41	12.97
5	27015	1	#0	16QAM	23.58	13.14
5	27015	1	#Mid	16QAM	23.67	13.23
5	27015	1	#Max	16QAM	23.55	13.11
5	27015	12	#0	16QAM	22.47	12.03
5	27015	12	#Mid	16QAM	22.46	12.02
5	27015	12	#Max	16QAM	22.39	11.95
5	27015	25	#0	16QAM	22.44	12.00
10	26840	1	#0	QPSK	24.56	14.12
10	26840	1	#Mid	QPSK	24.57	14.13
10	26840	1	#Max	QPSK	24.50	14.06
10	26840	25	#0	QPSK	23.55	13.11
10	26840	25	#Mid	QPSK	23.57	13.13
10	26840	25	#Max	QPSK	23.53	13.09
10	26840	50	#0	QPSK	23.57	13.13
10	26840	1	#0	16QAM	23.80	13.36
10	26840	1	#Mid	16QAM	23.81	13.37
10	26840	1	#Max	16QAM	23.71	13.27
10	26840	25	#0	16QAM	22.62	12.18
10	26840	25	#Mid	16QAM	22.63	12.19
10	26840	25	#Max	16QAM	22.55	12.11
10	26840	50	#0	16QAM	22.54	12.10
10	26915	1	#0	QPSK	24.56	14.12
10	26915	1	#Mid	QPSK	24.52	14.08
10	26915	1	#Max	QPSK	24.51	14.07
10	26915	25	#0	QPSK	23.39	12.95

10	26915	25	#Mid	QPSK	23.42	12.98
10	26915	25	#Max	QPSK	23.38	12.94
10	26915	50	#0	QPSK	23.43	12.99
10	26915	1	#0	16QAM	23.68	13.24
10	26915	1	#Mid	16QAM	23.66	13.22
10	26915	1	#Max	16QAM	23.63	13.19
10	26915	25	#0	16QAM	22.43	11.99
10	26915	25	#Mid	16QAM	22.45	12.01
10	26915	25	#Max	16QAM	22.44	12.00
10	26915	50	#0	16QAM	22.38	11.94
10	26990	1	#0	QPSK	24.57	14.13
10	26990	1	#Mid	QPSK	24.64	14.20
10	26990	1	#Max	QPSK	24.58	14.14
10	26990	25	#0	QPSK	23.50	13.06
10	26990	25	#Mid	QPSK	23.45	13.01
10	26990	25	#Max	QPSK	23.29	12.85
10	26990	50	#0	QPSK	23.42	12.98
10	26990	1	#0	16QAM	23.36	12.92
10	26990	1	#Mid	16QAM	23.42	12.98
10	26990	1	#Max	16QAM	23.34	12.90
10	26990	25	#0	16QAM	22.46	12.02
10	26990	25	#Mid	16QAM	22.46	12.02
10	26990	25	#Max	16QAM	22.33	11.89
10	26990	50	#0	16QAM	22.44	12.00
15	26865	1	#0	QPSK	24.54	14.10
15	26865	1	#Mid	QPSK	24.61	14.17
15	26865	1	#Max	QPSK	24.40	13.96
15	26865	36	#0	QPSK	23.58	13.14
15	26865	36	#Mid	QPSK	23.58	13.14
15	26865	36	#Max	QPSK	23.54	13.10
15	26865	75	#0	QPSK	23.59	13.15
15	26865	1	#0	16QAM	23.77	13.33
15	26865	1	#Mid	16QAM	23.78	13.34
15	26865	1	#Max	16QAM	23.59	13.15
15	26865	36	#0	16QAM	22.53	12.09
15	26865	36	#Mid	16QAM	22.54	12.10
15	26865	36	#Max	16QAM	22.48	12.04
15	26865	75	#0	16QAM	22.55	12.11
15	26915	1	#0	QPSK	24.52	14.08
15	26915	1	#Mid	QPSK	24.55	14.11
15	26915	1	#Max	QPSK	24.43	13.99
15	26915	36	#0	QPSK	23.49	13.05
15	26915	36	#Mid	QPSK	23.50	13.06
15	26915	36	#Max	QPSK	23.46	13.02
15	26915	75	#0	QPSK	23.54	13.10

15	26915	1	#0	16QAM	23.62	13.18
15	26915	1	#Mid	16QAM	23.68	13.24
15	26915	1	#Max	16QAM	23.60	13.16
15	26915	36	#0	16QAM	22.49	12.05
15	26915	36	#Mid	16QAM	22.47	12.03
15	26915	36	#Max	16QAM	22.42	11.98
15	26915	75	#0	16QAM	22.49	12.05
15	26965	1	#0	QPSK	24.57	14.13
15	26965	1	#Mid	QPSK	24.65	14.21
15	26965	1	#Max	QPSK	24.52	14.08
15	26965	36	#0	QPSK	23.47	13.03
15	26965	36	#Mid	QPSK	23.49	13.05
15	26965	36	#Max	QPSK	23.42	12.98
15	26965	75	#0	QPSK	23.52	13.08
15	26965	1	#0	16QAM	23.46	13.02
15	26965	1	#Mid	16QAM	23.56	13.12
15	26965	1	#Max	16QAM	23.41	12.97
15	26965	36	#0	16QAM	22.42	11.98
15	26965	36	#Mid	16QAM	22.38	11.94
15	26965	36	#Max	16QAM	22.39	11.95
15	26965	75	#0	16QAM	22.42	11.98
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1.4	26797	1	#Mid	64QAM	23.02	12.58
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1.4	26797	3	#0	64QAM	23.14	12.70
1.4	26797	3	#Mid	64QAM	23.13	12.69
1.4	26797	3	#Max	64QAM	23.15	12.71
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1.4	26915	1	#0	64QAM	22.95	12.51
1.4	26915	1	#Mid	64QAM	23.00	12.56
1.4	26915	1	#Max	64QAM	23.00	12.56
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1.4	26915	3	#Mid	64QAM	22.87	12.43
1.4	26915	3	#Max	64QAM	22.86	12.42
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1.4	27033	1	#0	64QAM	22.69	12.25
1.4	27033	1	#Mid	64QAM	22.72	12.28
1.4	27033	1	#Max	64QAM	22.69	12.25
1.4	27033	3	#0	64QAM	22.82	12.38
1.4	27033	3	#Mid	64QAM	22.79	12.35
1.4	27033	3	#Max	64QAM	22.79	12.35
1.4	27033	6	#0	64QAM	21.92	11.48
3	26805	1	#0	64QAM	22.99	12.55
3	26805	1	#Mid	64QAM	23.12	12.68
3	26805	1	#Max	64QAM	23.00	12.56

3	26805	8	#0	64QAM	21.93	11.49
3	26805	8	#Mid	64QAM	21.95	11.51
3	26805	8	#Max	64QAM	21.99	11.55
3	26805	15	#0	64QAM	21.91	11.47
3	26915	1	#0	64QAM	22.84	12.40
3	26915	1	#Mid	64QAM	22.91	12.47
3	26915	1	#Max	64QAM	22.82	12.38
3	26915	8	#0	64QAM	21.84	11.40
3	26915	8	#Mid	64QAM	21.83	11.39
3	26915	8	#Max	64QAM	21.89	11.45
3	26915	15	#0	64QAM	21.77	11.33
3	27025	1	#0	64QAM	22.56	12.12
3	27025	1	#Mid	64QAM	22.67	12.23
3	27025	1	#Max	64QAM	22.57	12.13
3	27025	8	#0	64QAM	21.85	11.41
3	27025	8	#Mid	64QAM	21.86	11.42
3	27025	8	#Max	64QAM	21.86	11.42
3	27025	15	#0	64QAM	21.84	11.40
5	26815	1	#0	64QAM	24.00	13.56
5	26815	1	#Mid	64QAM	24.14	13.70
5	26815	1	#Max	64QAM	24.01	13.57
5	26815	12	#0	64QAM	23.07	12.63
5	26815	12	#Mid	64QAM	23.11	12.67
5	26815	12	#Max	64QAM	23.06	12.62
5	26815	25	#0	64QAM	23.05	12.61
5	26915	1	#0	64QAM	23.89	13.45
5	26915	1	#Mid	64QAM	23.98	13.54
5	26915	1	#Max	64QAM	23.84	13.40
5	26915	12	#0	64QAM	22.93	12.49
5	26915	12	#Mid	64QAM	22.93	12.49
5	26915	12	#Max	64QAM	22.95	12.51
5	26915	25	#0	64QAM	22.94	12.50
5	27015	1	#0	64QAM	23.91	13.47
5	27015	1	#Mid	64QAM	24.00	13.56
5	27015	1	#Max	64QAM	23.89	13.45
5	27015	12	#0	64QAM	22.97	12.53
5	27015	12	#Mid	64QAM	22.96	12.52
5	27015	12	#Max	64QAM	22.89	12.45
5	27015	25	#0	64QAM	22.94	12.50
10	26840	1	#0	64QAM	23.36	12.92
10	26840	1	#Mid	64QAM	23.32	12.88
10	26840	1	#Max	64QAM	23.21	12.77
10	26840	25	#0	64QAM	22.17	11.73
10	26840	25	#Mid	64QAM	22.14	11.70
10	26840	25	#Max	64QAM	22.10	11.66

10	26840	50	#0	64QAM	22.08	11.64
10	26915	1	#0	64QAM	23.20	12.76
10	26915	1	#Mid	64QAM	23.15	12.71
10	26915	1	#Max	64QAM	23.15	12.71
10	26915	25	#0	64QAM	21.99	11.55
10	26915	25	#Mid	64QAM	21.94	11.50
10	26915	25	#Max	64QAM	21.93	11.49
10	26915	50	#0	64QAM	21.91	11.47
10	26990	1	#0	64QAM	22.89	12.45
10	26990	1	#Mid	64QAM	22.95	12.51
10	26990	1	#Max	64QAM	22.85	12.41
10	26990	25	#0	64QAM	22.01	11.57
10	26990	25	#Mid	64QAM	22.02	11.58
10	26990	25	#Max	64QAM	21.88	11.44
10	26990	50	#0	64QAM	21.93	11.49
15	26865	1	#0	64QAM	23.10	12.66
15	26865	1	#Mid	64QAM	23.17	12.73
15	26865	1	#Max	64QAM	22.95	12.51
15	26865	36	#0	64QAM	22.10	11.66
15	26865	36	#Mid	64QAM	22.08	11.64
15	26865	36	#Max	64QAM	22.04	11.60
15	26865	75	#0	64QAM	22.08	11.64
15	26915	1	#0	64QAM	23.26	12.82
15	26915	1	#Mid	64QAM	23.28	12.84
15	26915	1	#Max	64QAM	23.17	12.73
15	26915	36	#0	64QAM	22.03	11.59
15	26915	36	#Mid	64QAM	22.03	11.59
15	26915	36	#Max	64QAM	21.96	11.52
15	26915	75	#0	64QAM	22.03	11.59
15	26965	1	#0	64QAM	23.11	12.67
15	26965	1	#Mid	64QAM	23.20	12.76
15	26965	1	#Max	64QAM	23.10	12.66
15	26965	36	#0	64QAM	21.91	11.47
15	26965	36	#Mid	64QAM	21.92	11.48
15	26965	36	#Max	64QAM	21.87	11.43
15	26965	75	#0	64QAM	21.97	11.53

6.2. Occupied Bandwidth

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth(MHz)
GSM 850 (GMSK)	128	824.2	0.24	0.31
	190	836.6	0.25	0.31
	251	848.8	0.24	0.31
GPRS 850 (GMSK)	128	824.2	0.25	0.31
	190	836.6	0.25	0.32
	251	848.8	0.25	0.31
EGPRS 850 (8PSK)	128	824.2	0.24	0.31
	190	836.6	0.24	0.31
	251	848.8	0.24	0.31
WCDMA Band V (RMC)	4132	826.4	4.16	4.66
	4183	836.6	4.15	4.67
	4233	846.6	4.16	4.67

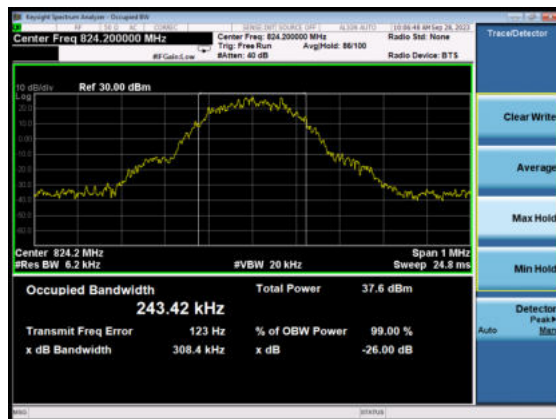
LTE Band 5						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	20407	824.7	1.10	1.28
			20525	836.5	1.10	1.28
			20643	848.3	1.10	1.27
		3	20415	825.5	2.69	2.94
			20525	836.5	2.69	2.96
			20635	847.5	2.70	2.97
		5	20425	826.5	4.52	4.88
			20525	836.5	4.51	4.91
			20625	846.5	4.51	4.90
		10	20450	829	8.99	9.81
			20525	836.5	8.96	9.57
			20600	844	8.94	9.62
	16QAM	1.4	20407	824.7	1.09	1.26
			20525	836.5	1.10	1.27
			20643	848.3	1.10	1.29
		3	20415	825.5	2.69	2.98
			20525	836.5	2.68	2.99
			20635	847.5	2.68	3.00

		5	20425	826.5	4.52	4.92
			20525	836.5	4.50	4.91
			20625	846.5	4.50	4.94
		10	20450	829	8.96	9.72
			20525	836.5	8.99	9.63
			20600	844	8.95	9.62
	64QAM	1.4	20407	824.7	1.09	1.27
			20525	836.5	1.09	1.25
			20643	848.3	1.10	1.27
		3	20415	825.5	2.69	2.98
			20525	836.5	2.69	2.96
			20635	847.5	2.69	2.98
		5	20425	826.5	4.51	4.87
			20525	836.5	4.51	4.93
			20625	846.5	4.51	4.90
		10	20450	829	8.98	9.76
			20525	836.5	8.97	9.70
			20600	844	8.96	9.61

LTE Band 26						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	26797	824.7	1.09	1.28
			26915	836.5	1.10	1.28
			27033	848.3	1.09	1.27
		3	26805	825.5	2.68	2.93
			26915	836.5	2.69	2.97
			27025	847.5	2.70	2.98
		5	26815	826.5	4.51	4.89
			26915	836.5	4.50	4.92
			27015	846.5	4.50	4.93
		10	26840	829	8.97	9.66
			26915	836.5	8.95	9.68
			26990	844	8.97	9.73
		15	26865	831.5	13.47	14.46
			26915	836.5	13.43	14.68

	16QAM	1.4	26965	841.5	13.43	14.41
			26797	824.7	1.10	1.28
			26915	836.5	1.10	1.29
			27033	848.3	1.10	1.27
		3	26805	825.5	2.69	2.98
			26915	836.5	2.68	2.97
			27025	847.5	2.68	2.97
		5	26815	826.5	4.51	4.95
			26915	836.5	4.51	4.85
			27015	846.5	4.54	4.87
		10	26840	829	8.97	9.67
			26915	836.5	8.97	9.71
			26990	844	8.96	9.65
		15	26865	831.5	13.48	14.52
			26915	836.5	13.48	14.51
			26965	841.5	13.45	14.46
	64QAM	1.4	26797	824.7	1.10	1.28
			26915	836.5	1.10	1.28
			27033	848.3	1.09	1.28
		3	26805	825.5	2.69	3.03
			26915	836.5	2.69	2.95
			27025	847.5	2.68	2.98
		5	26815	826.5	4.51	4.95
			26915	836.5	4.50	4.88
			27015	846.5	4.52	4.88
		10	26840	829	8.98	9.71
			26915	836.5	9.00	9.57
			26990	844	8.95	9.71
		15	26865	831.5	13.49	14.57
			26915	836.5	13.46	14.46
			26965	841.5	13.42	14.34

GSM 850 CH-Low



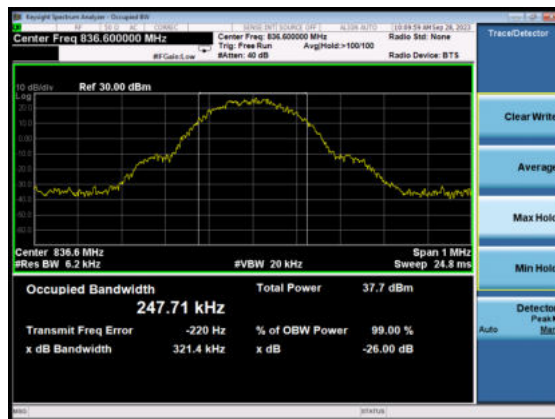
GSM 850 GPRS CH-Low



GSM 850 CH-Middle



GSM 850 GPRS CH-Middle



GSM 850 CH-High



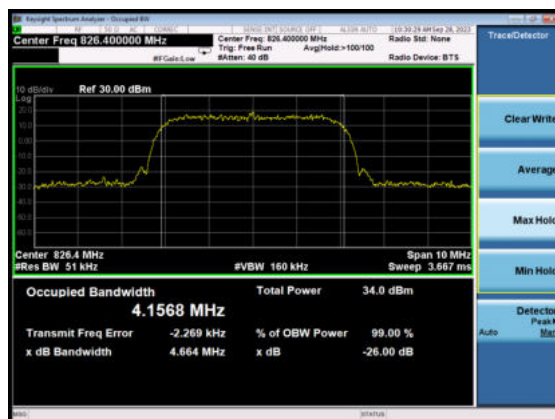
GSM 850 GPRS CH-High



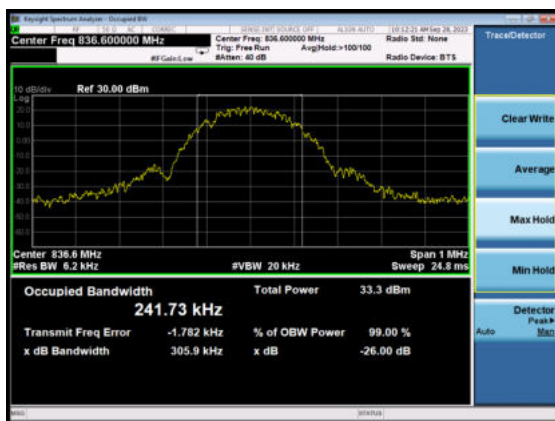
GSM 850 EGPRS CH-Low



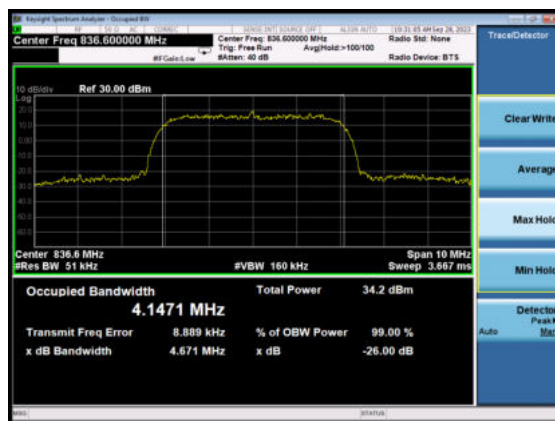
WCDMA Band V CH-Low



GSM 850 EGPRS CH-Middle



WCDMA Band V CH-Middle



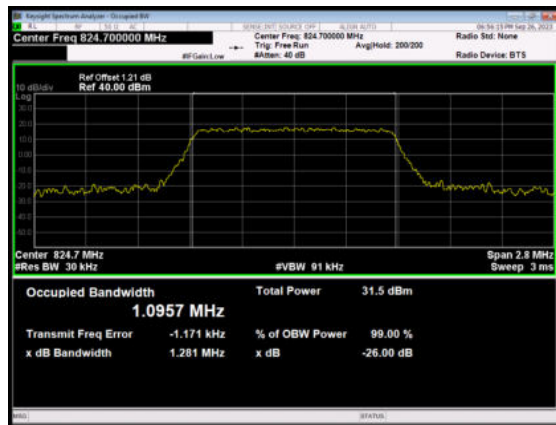
GSM 850 EGPRS CH-High



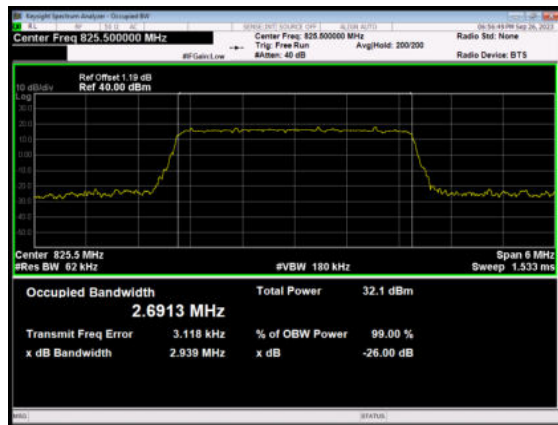
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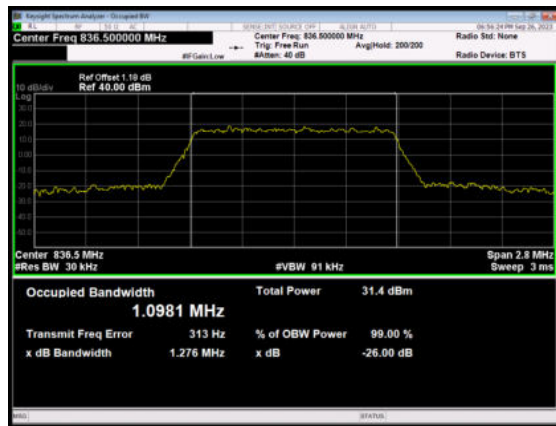
LTE Band 5 QPSK 1.4MHz CH-Low



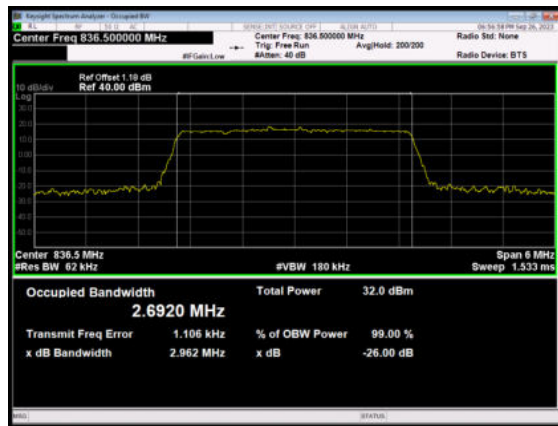
LTE Band 5 QPSK 3MHz CH-Low



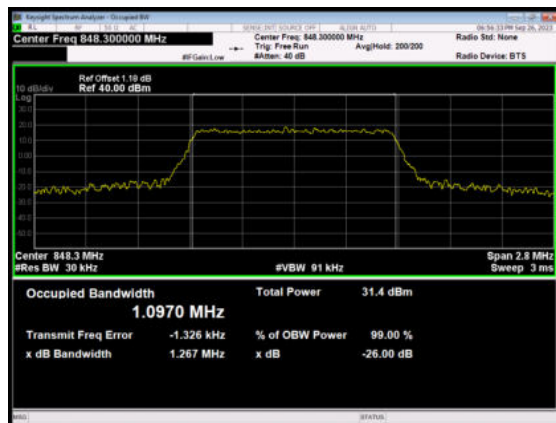
LTE Band 5 QPSK 1.4MHz CH-Middle



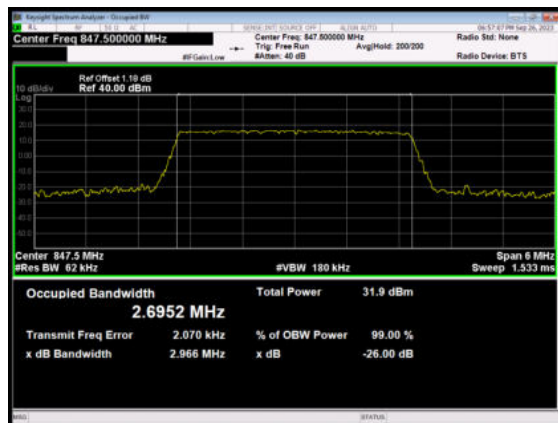
LTE Band 5 QPSK 3MHz CH-Middle



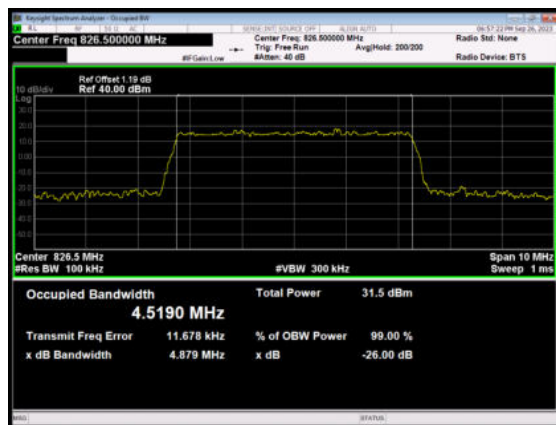
LTE Band 5 QPSK 1.4MHz CH-High



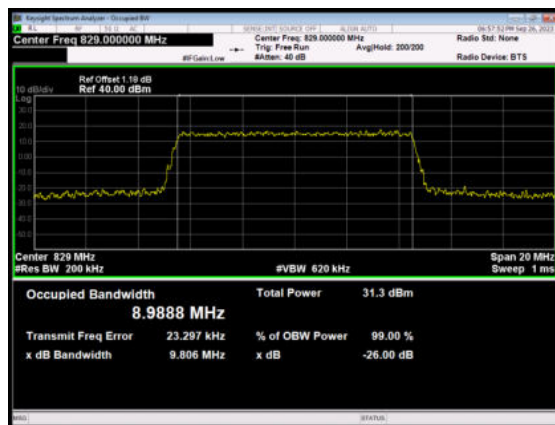
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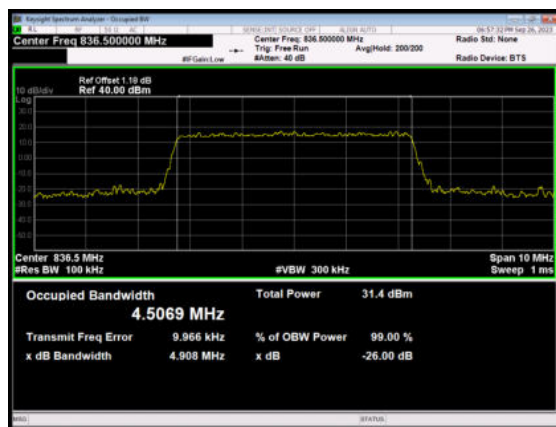
LTE Band 5 QPSK 5MHz CH-Low



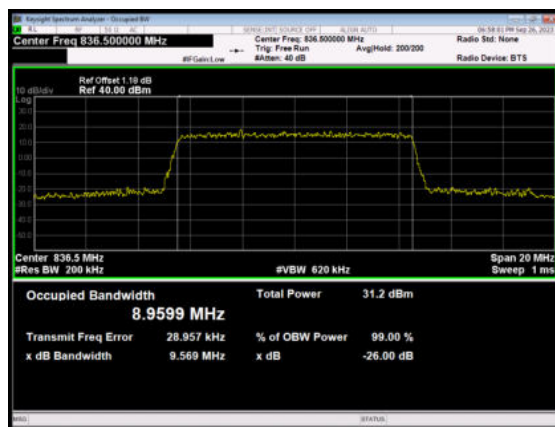
LTE Band 5 QPSK 10MHz CH-Low



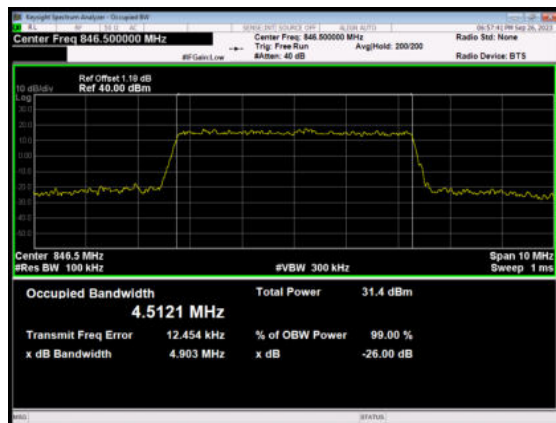
LTE Band 5 QPSK 5MHz CH-Middle



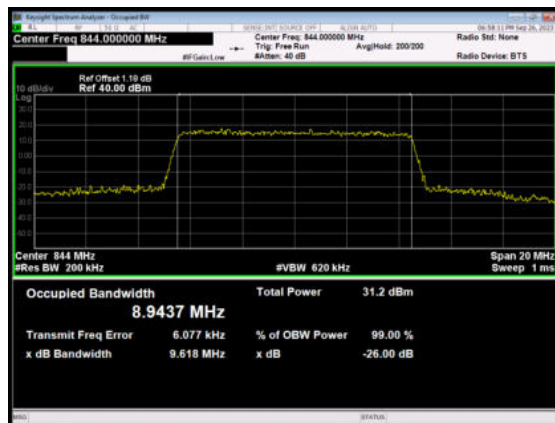
LTE Band 5 QPSK 10MHz CH-Middle



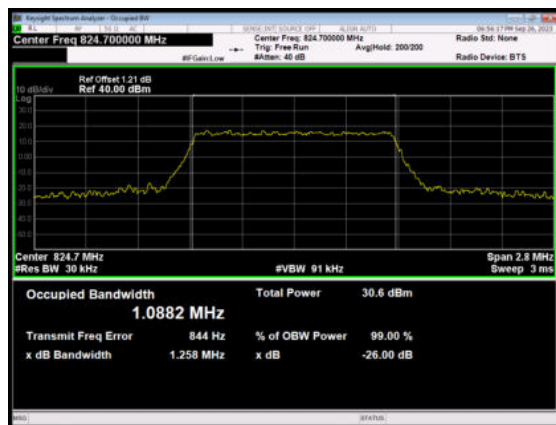
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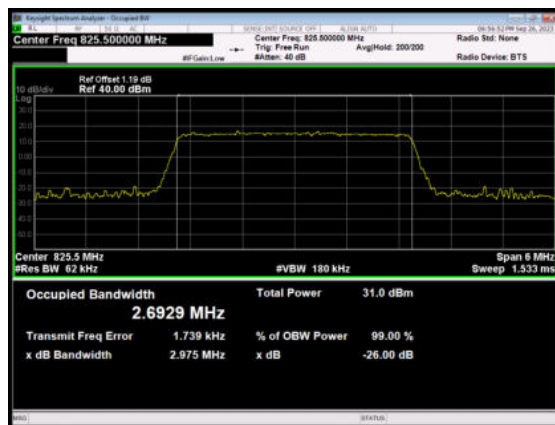
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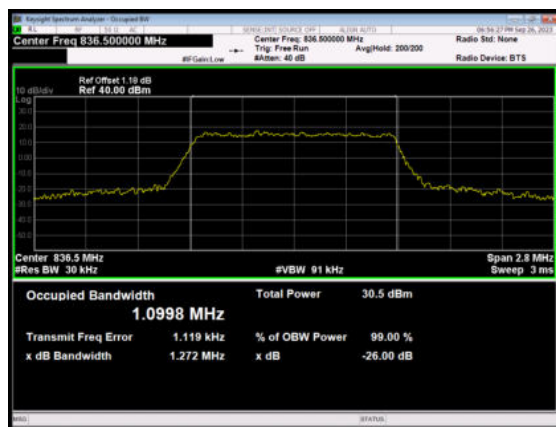
LTE Band 5 16QAM 1.4MHz CH-Low



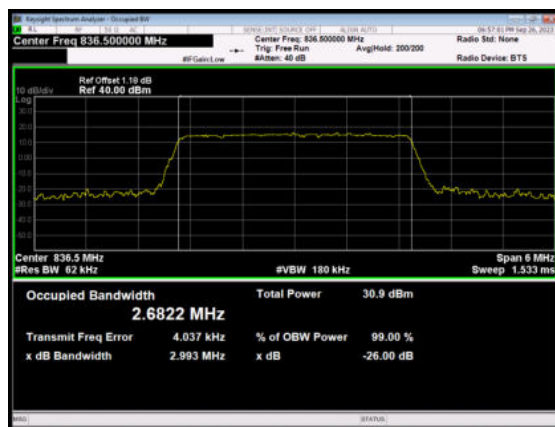
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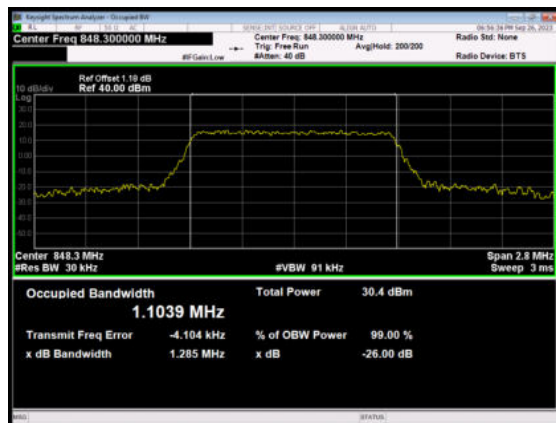
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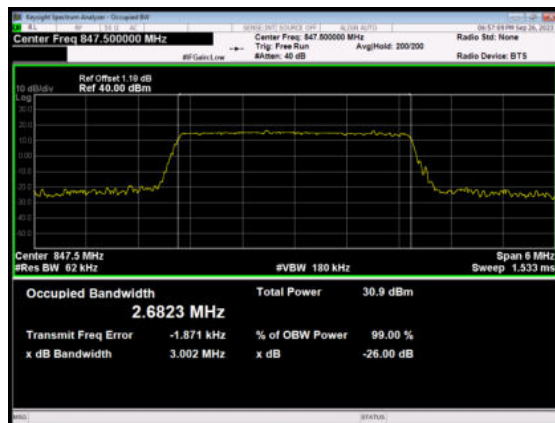
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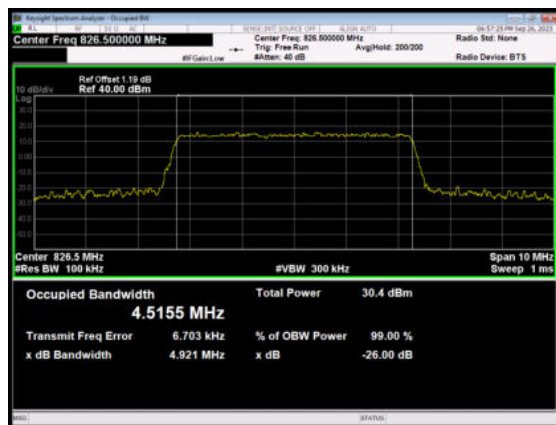
LTE Band 5 16QAM 1.4MHz CH-High



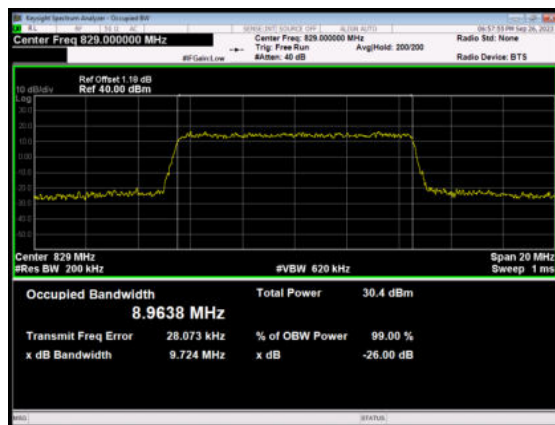
LTE Band 5 16QAM 3MHz CH-High



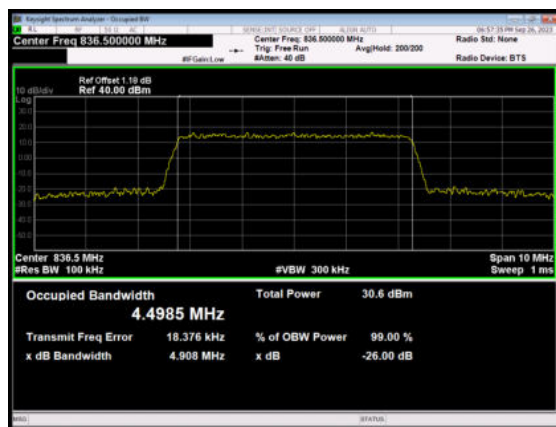
LTE Band 5 16QAM 5MHz CH-Low



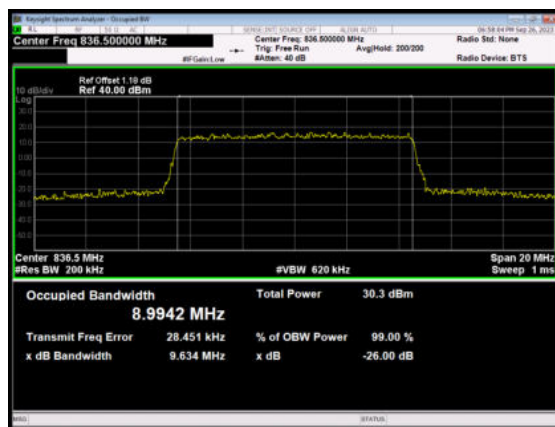
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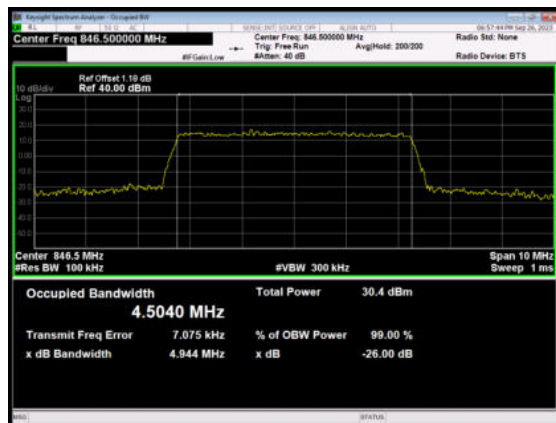
LTE Band 5 16QAM 5MHz CH-Middle



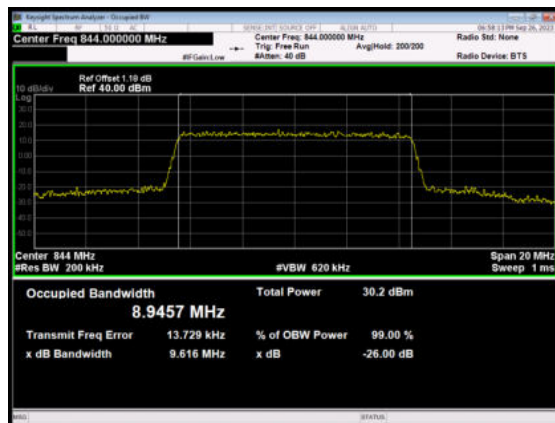
LTE Band 5 16QAM 10MHz CH-Middle



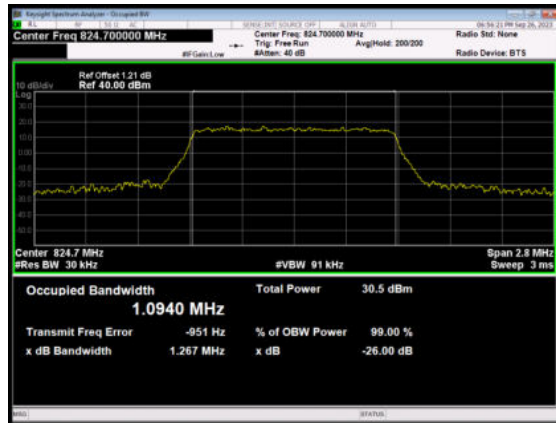
LTE Band 5 16QAM 5MHz CH-High



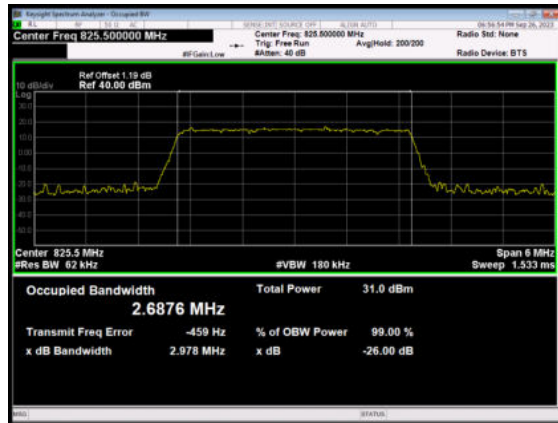
LTE Band 5 16QAM 10MHz CH-High



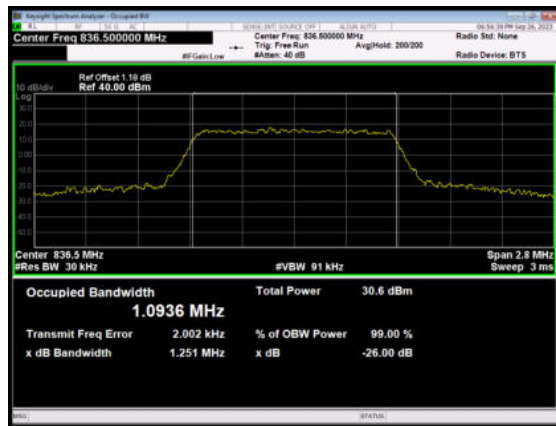
LTE Band 5 64QAM 1.4MHz CH-Low



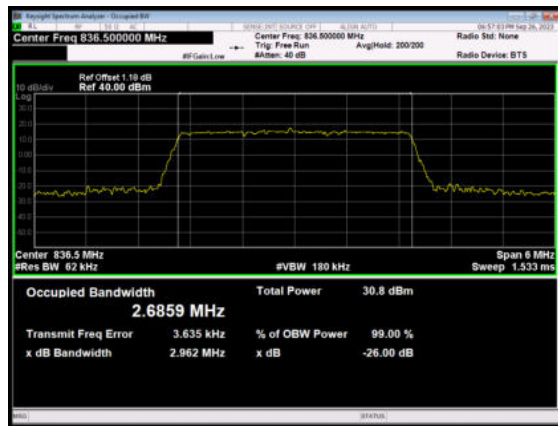
LTE Band 5 64QAM 3MHz CH-Low



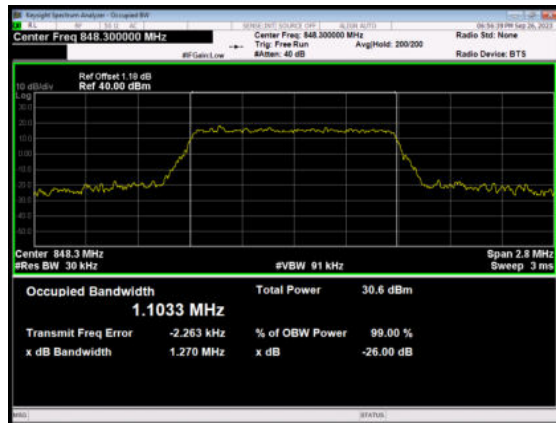
LTE Band 5 64QAM 1.4MHz CH-Middle



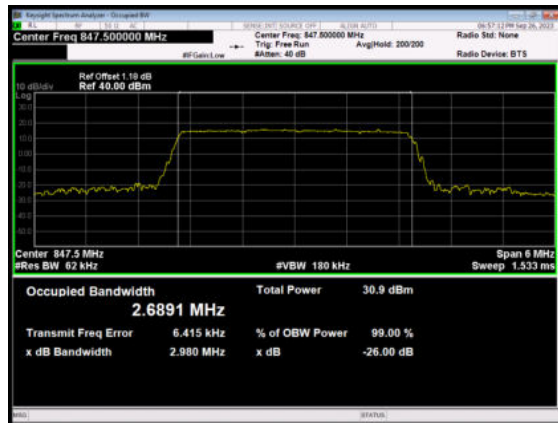
LTE Band 5 64QAM 3MHz CH-Middle



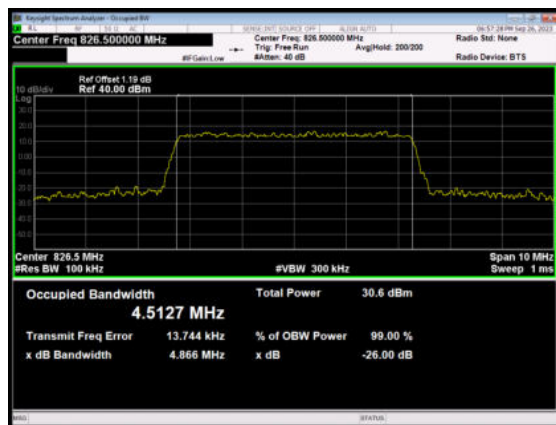
LTE Band 5 64QAM 1.4MHz CH-High



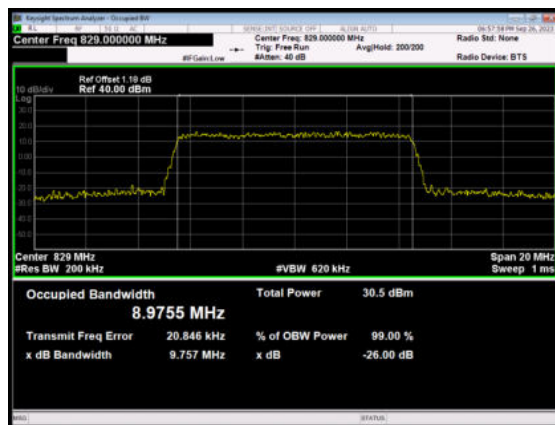
LTE Band 5 64QAM 3MHz CH-High



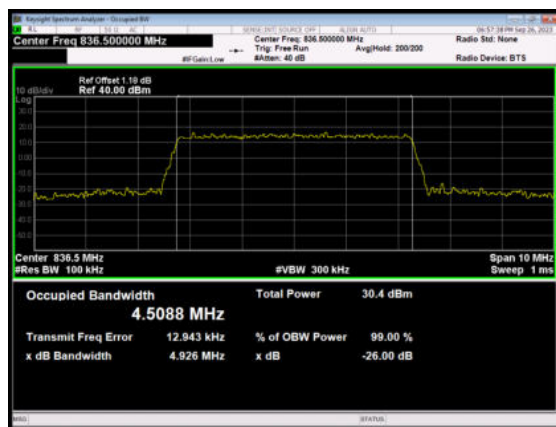
LTE Band 5 64QAM 5MHz CH-Low



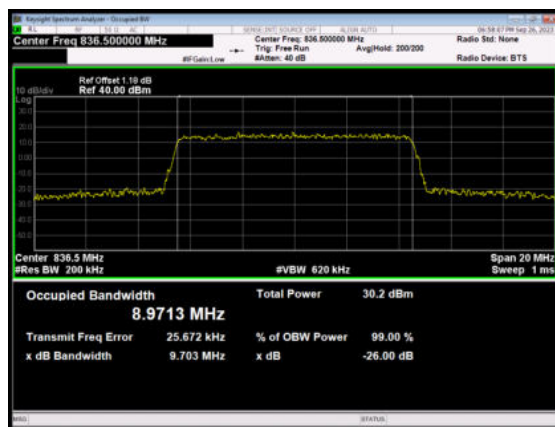
LTE Band 5 64QAM 10MHz CH-Low



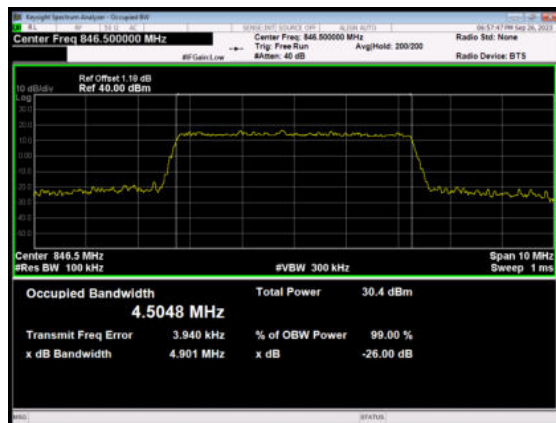
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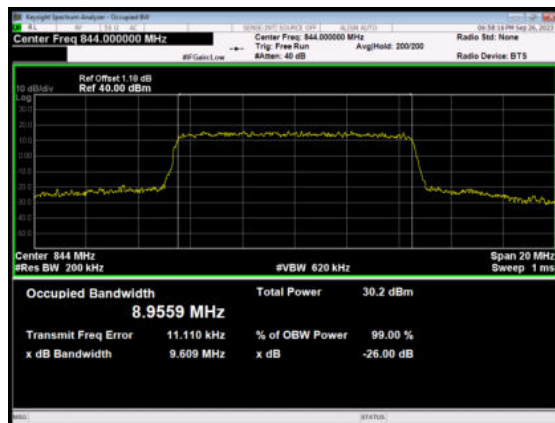
LTE Band 5 64QAM 10MHz CH-Middle



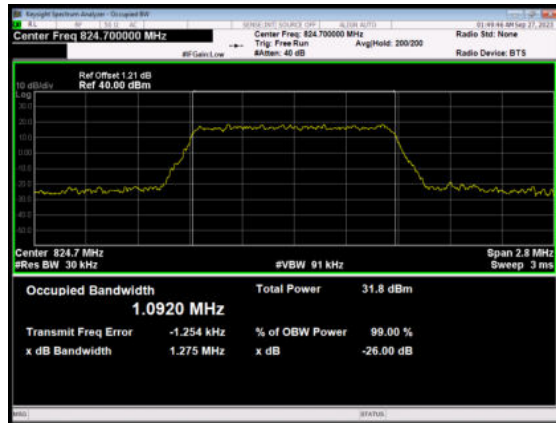
LTE Band 5 64QAM 5MHz CH-High



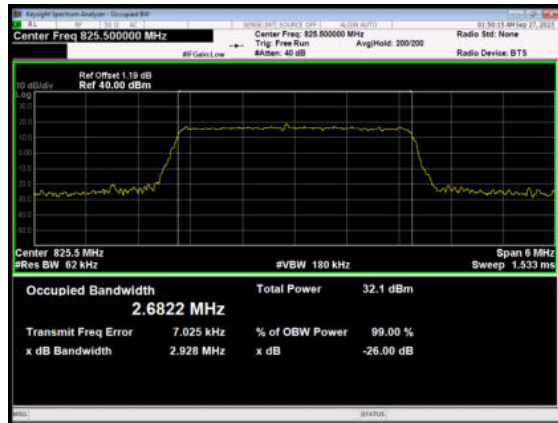
LTE Band 5 64QAM 10MHz CH-High



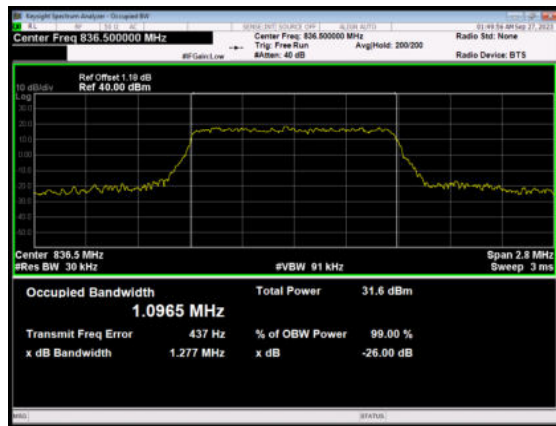
LTE Band 26 QPSK 1.4MHz CH-Low



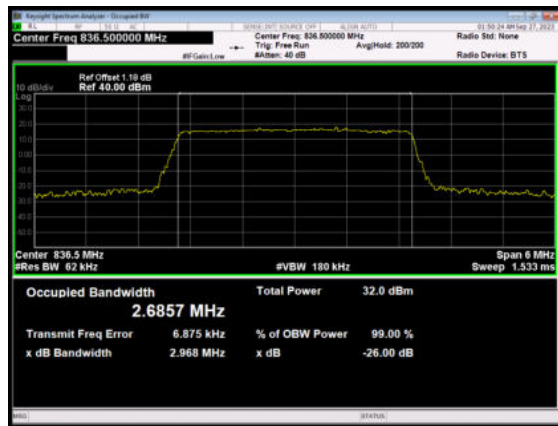
LTE Band 26 QPSK 3MHz CH-Low



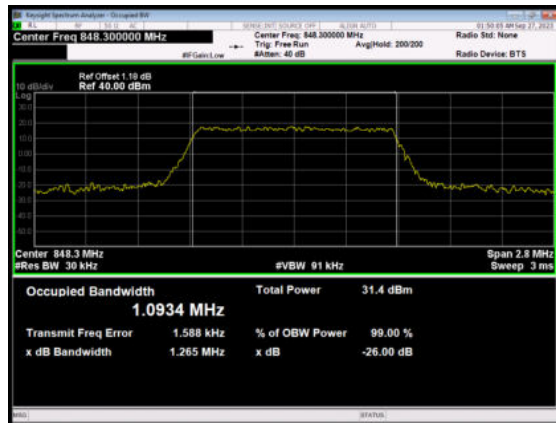
LTE Band 26 QPSK 1.4MHz CH-Middle



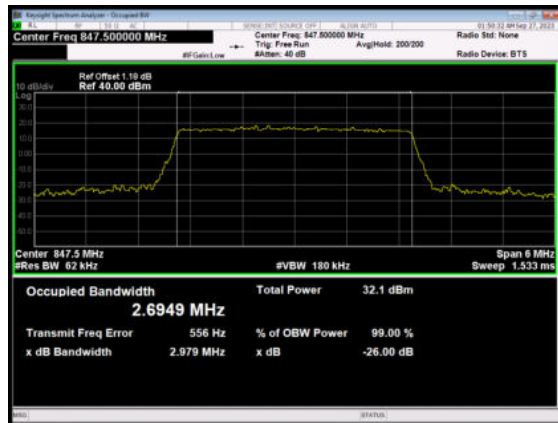
LTE Band 26 QPSK 3MHz CH-Middle



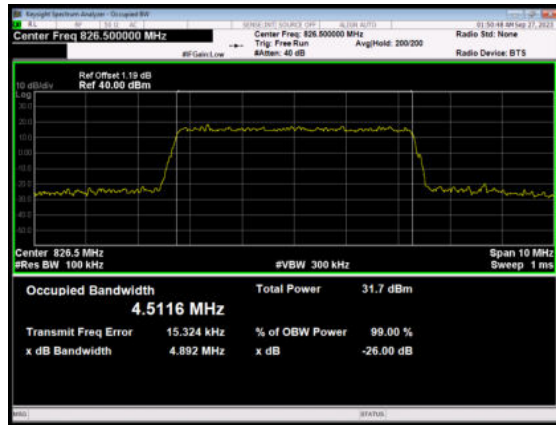
LTE Band 26 QPSK 1.4MHz CH-High



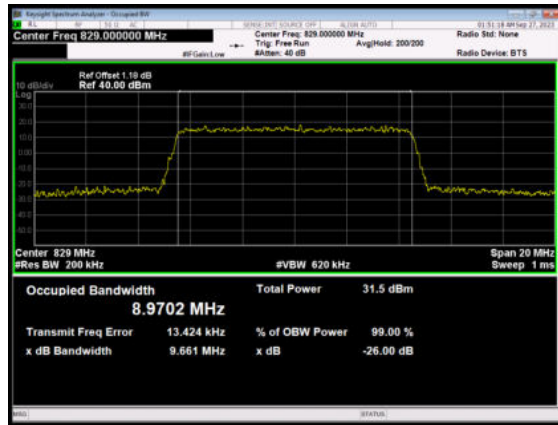
LTE Band 26 QPSK 3MHz CH-High



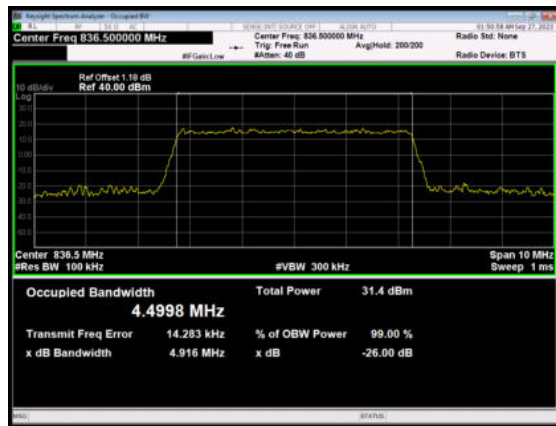
LTE Band 26 QPSK 5MHz CH-Low



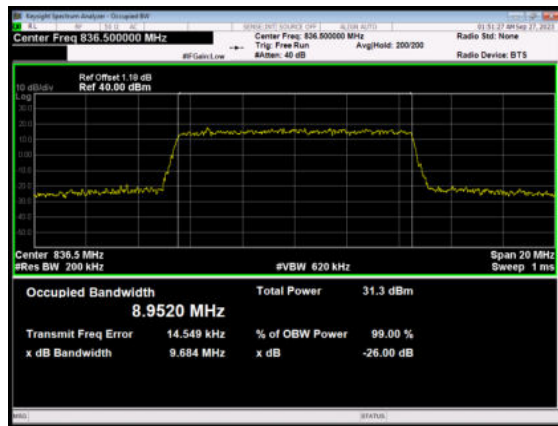
LTE Band 26 QPSK 10MHz CH-Low



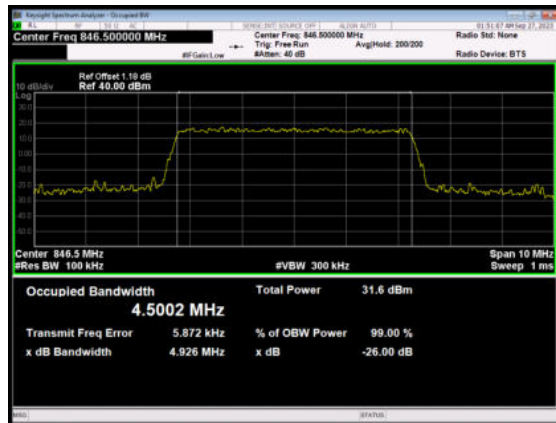
LTE Band 26 QPSK 5MHz CH-Middle



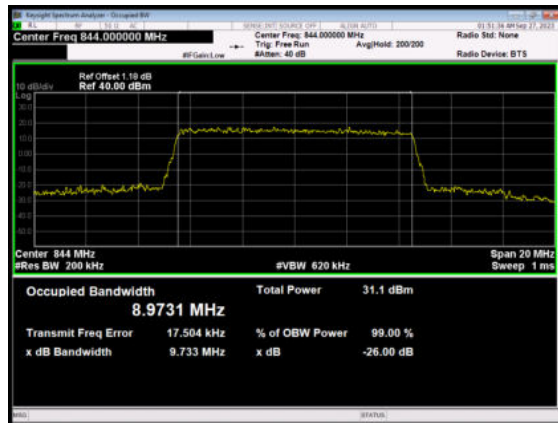
LTE Band 26 QPSK 10MHz CH-Middle



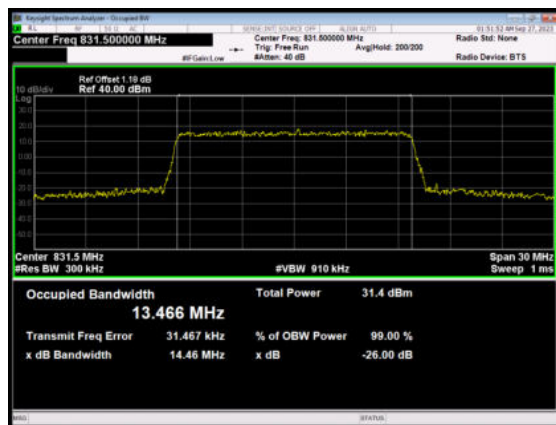
LTE Band 26 QPSK 5MHz CH-High



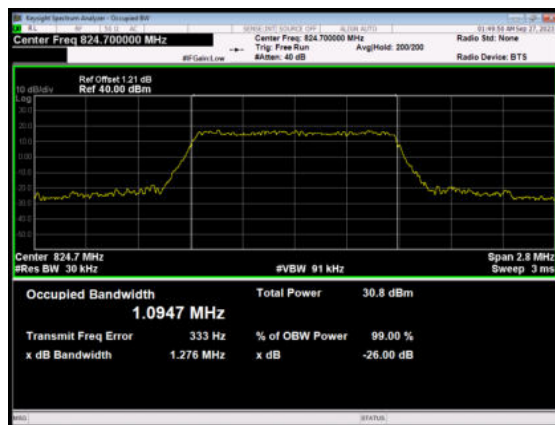
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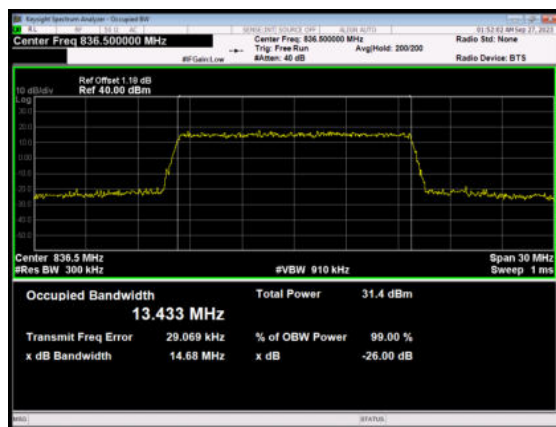
LTE Band 26 QPSK 15MHz CH-Low



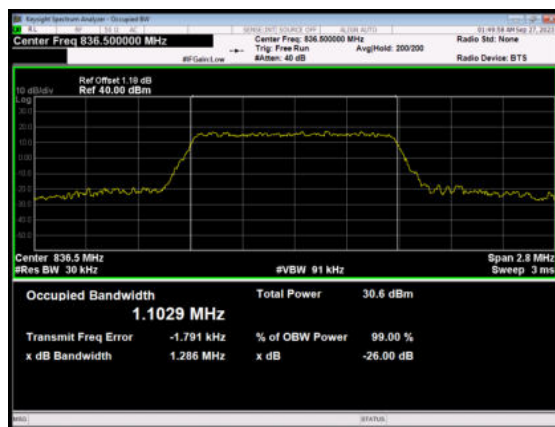
LTE Band 26 16QAM 1.4MHz CH-Low



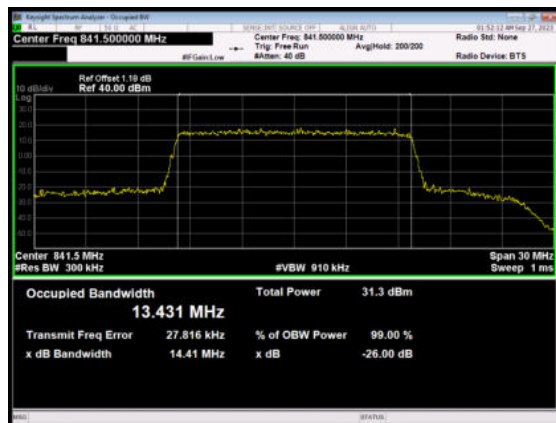
LTE Band 26 QPSK 15MHz CH-Middle



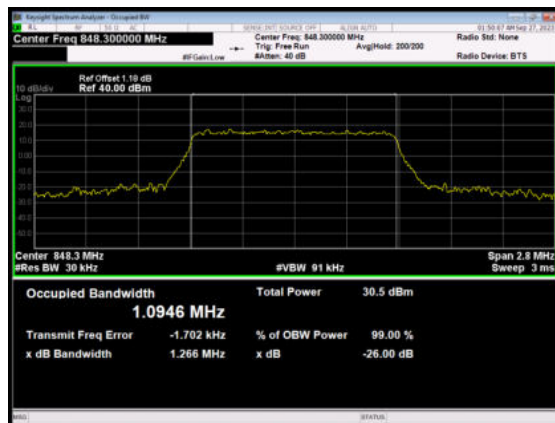
LTE Band 26 16QAM 1.4MHz CH-Middle



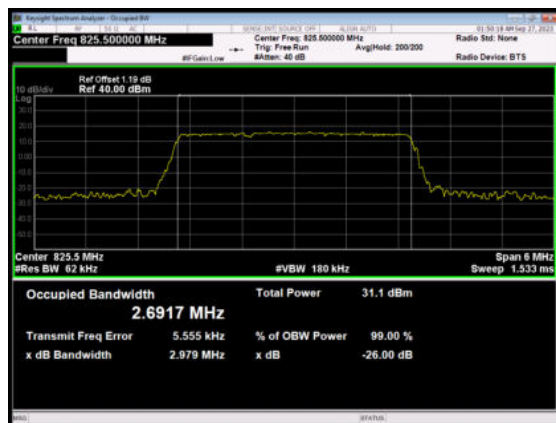
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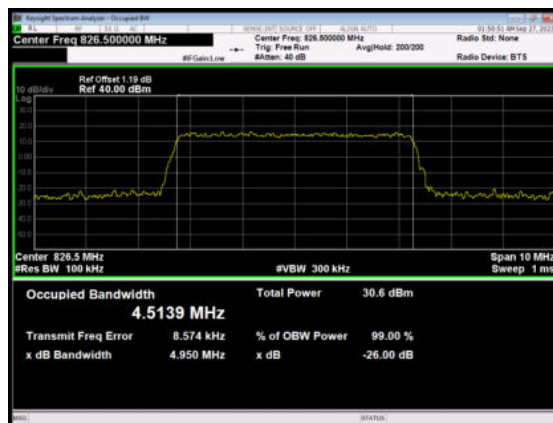
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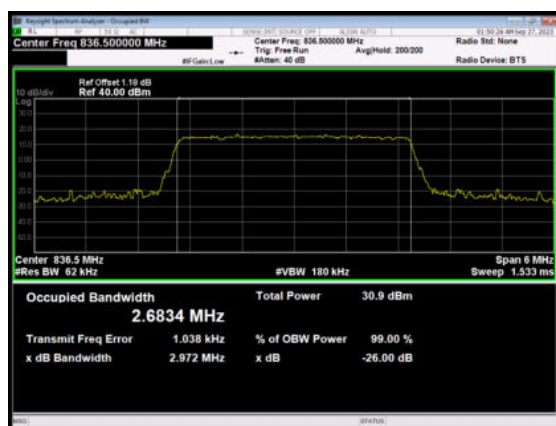
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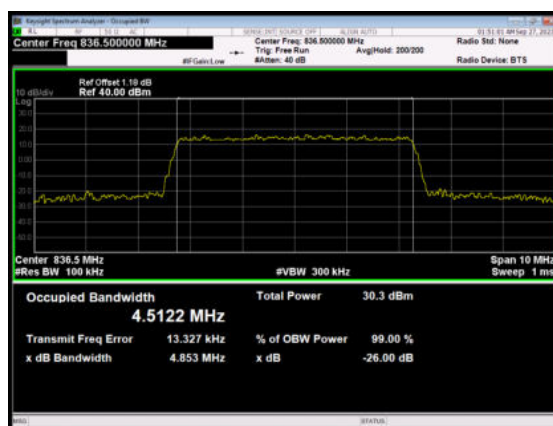
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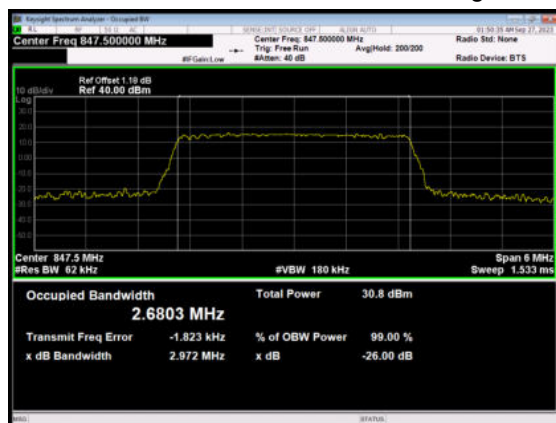
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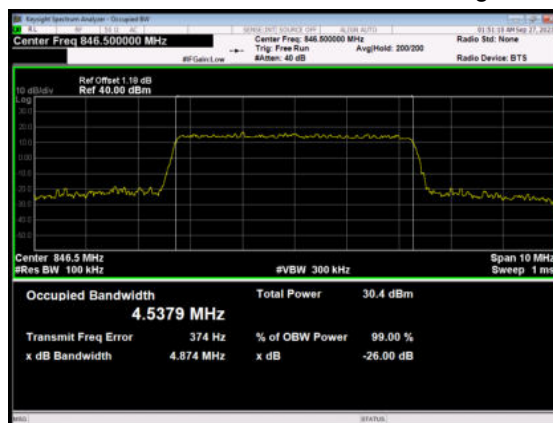
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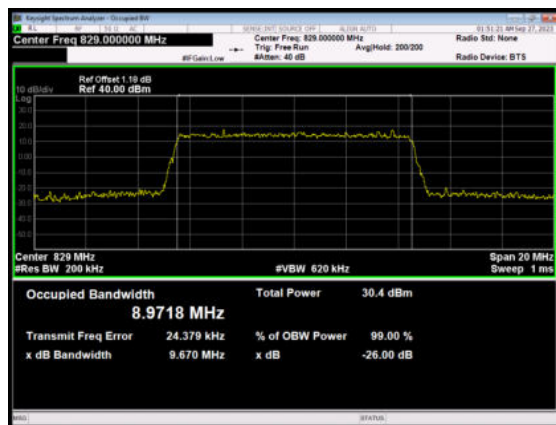
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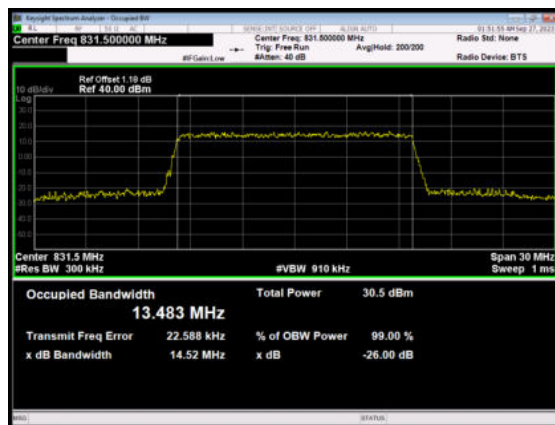
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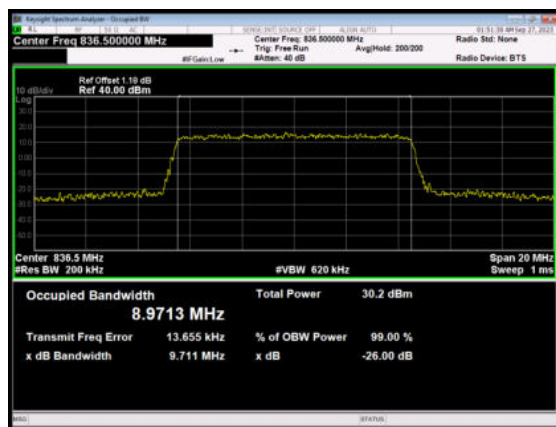
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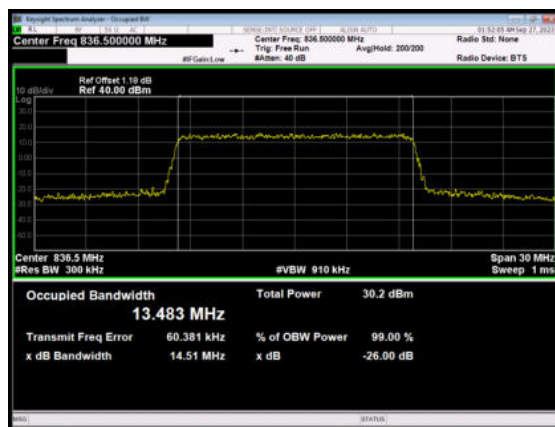
LTE Band 26 16QAM 15MHz CH-Low



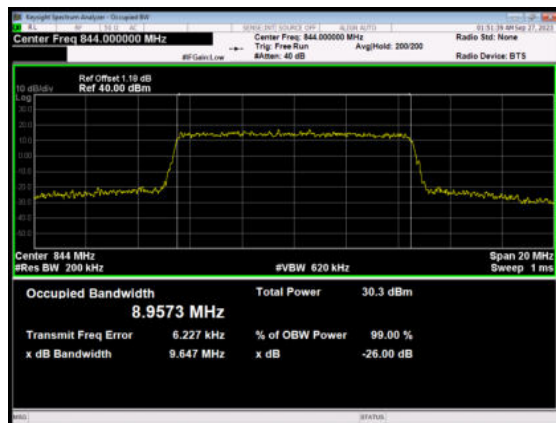
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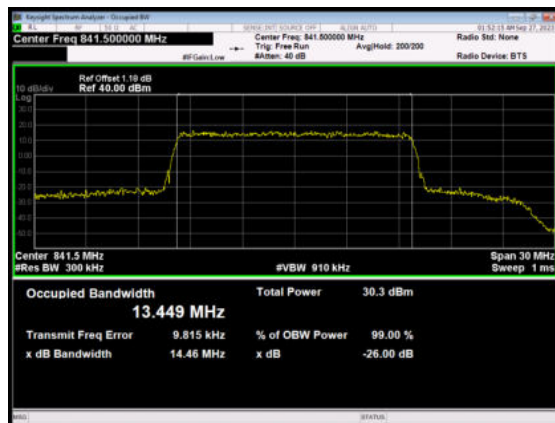
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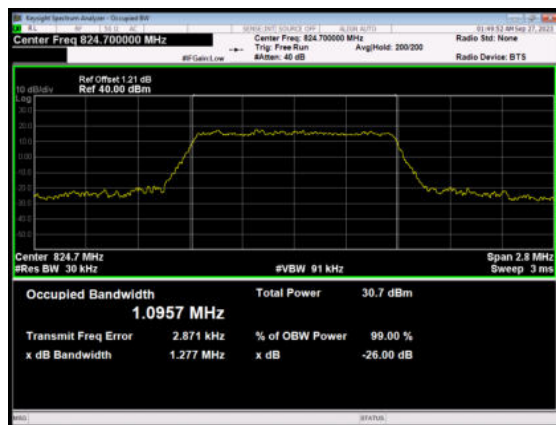
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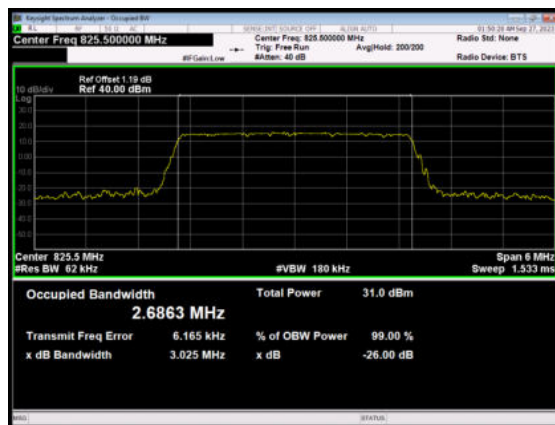
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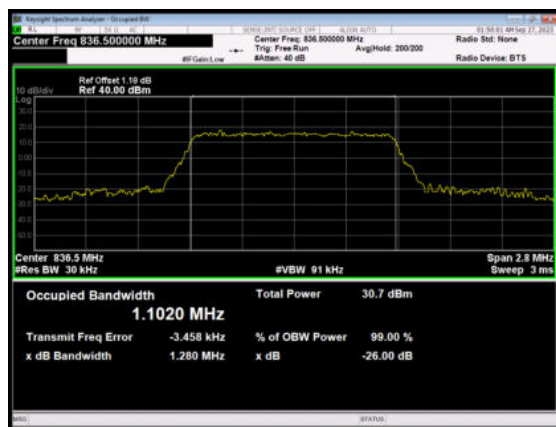
LTE Band 26 64QAM 1.4MHz CH-Low



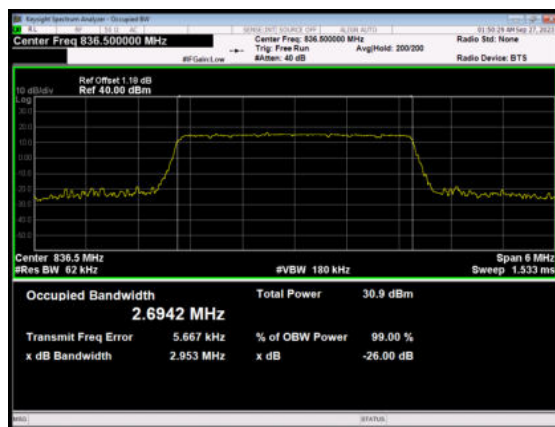
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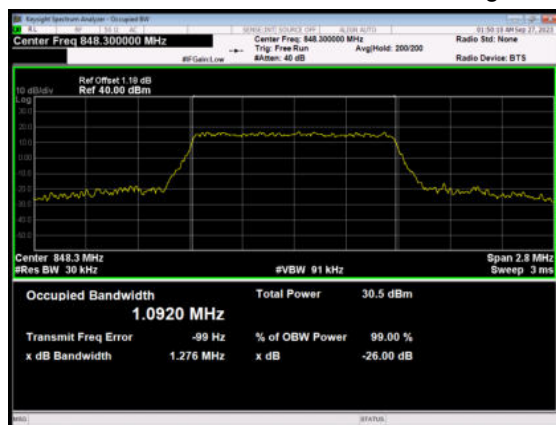
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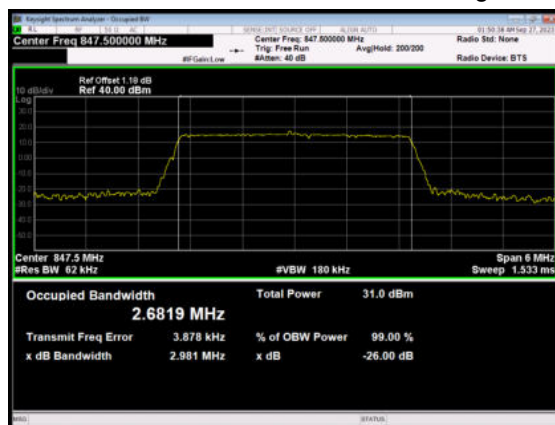
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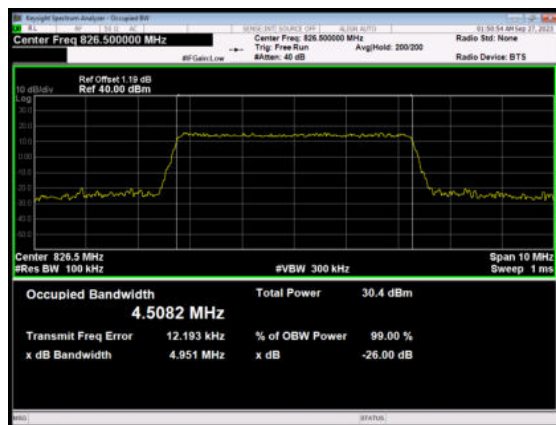
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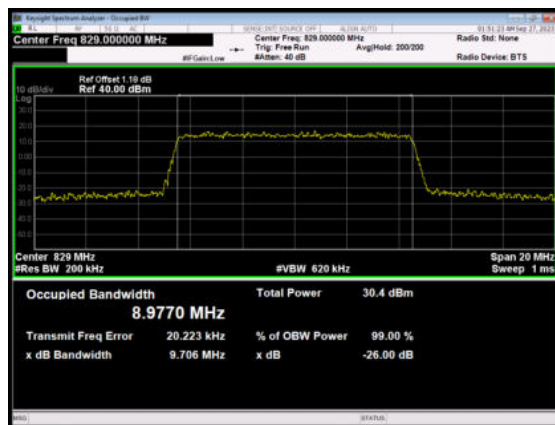
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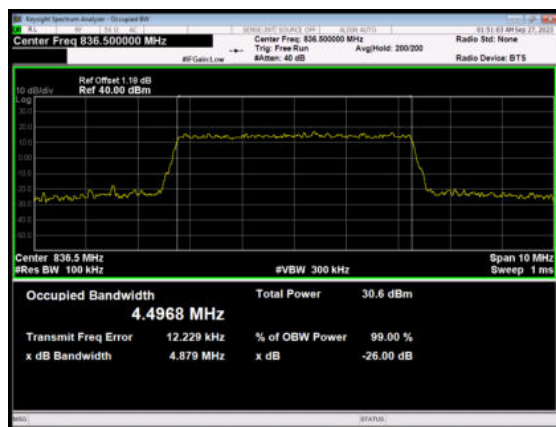
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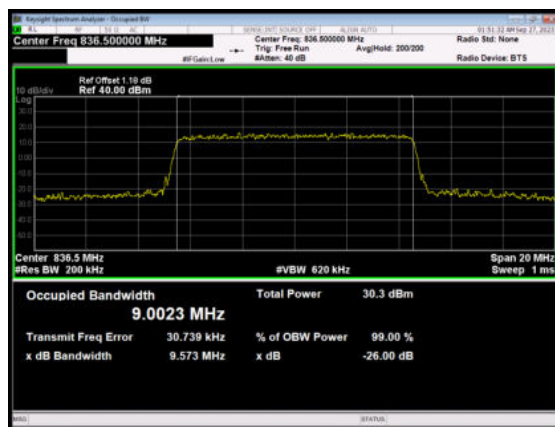
LTE Band 26 64QAM 10MHz CH-Low



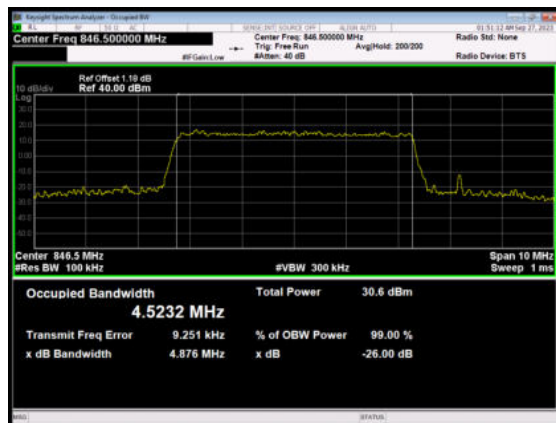
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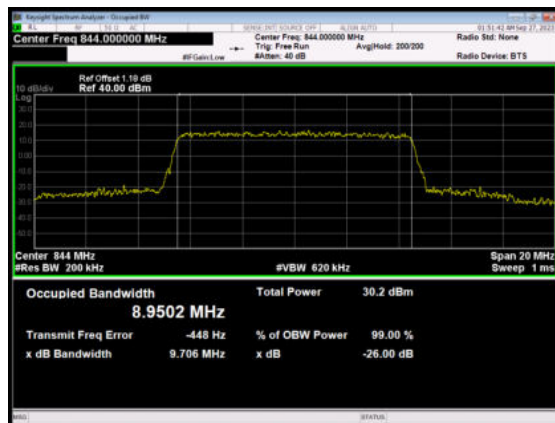
LTE Band 26 64QAM 10MHz CH-Middle



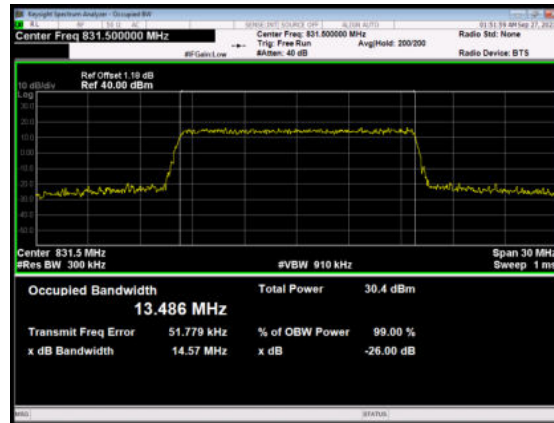
LTE Band 26 64QAM 5MHz CH-High



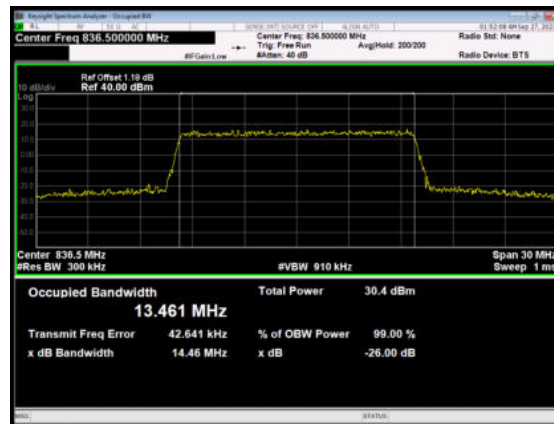
LTE Band 26 64QAM 10MHz CH-High



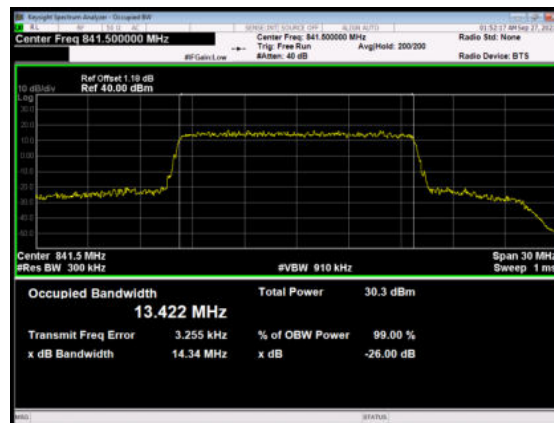
LTE Band 26 64QAM 15MHz CH-Low



LTE Band 26 64QAM 15MHz CH-Middle

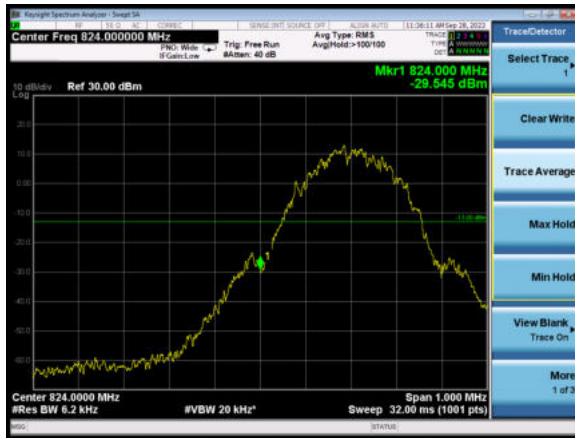


LTE Band 26 64QAM 15MHz CH-High

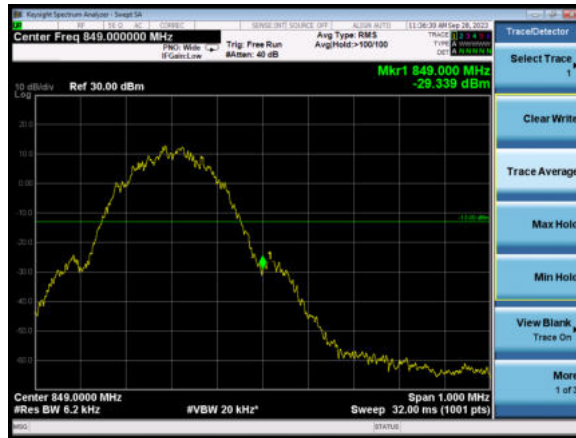


6.3. Band Edge Compliance

GSM 850 CH-Low



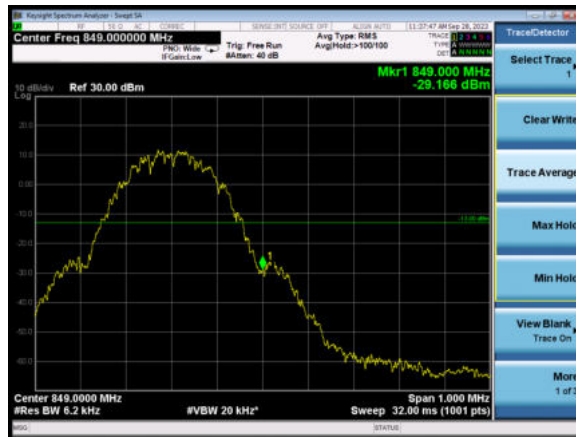
GSM 850 CH-High



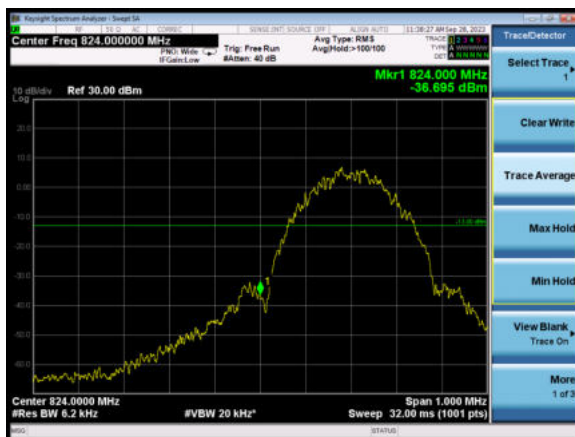
GSM 850 GPRS CH-Low



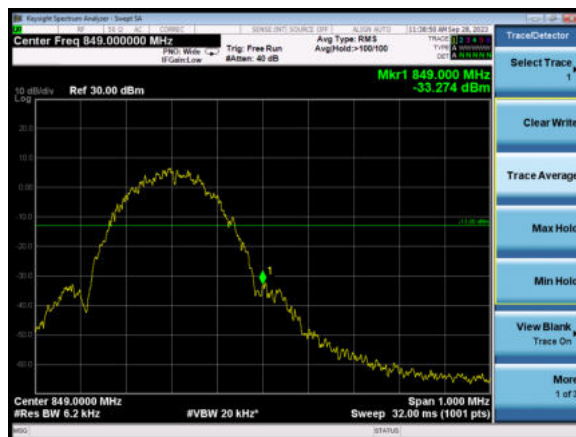
GSM 850 GPRS CH-High



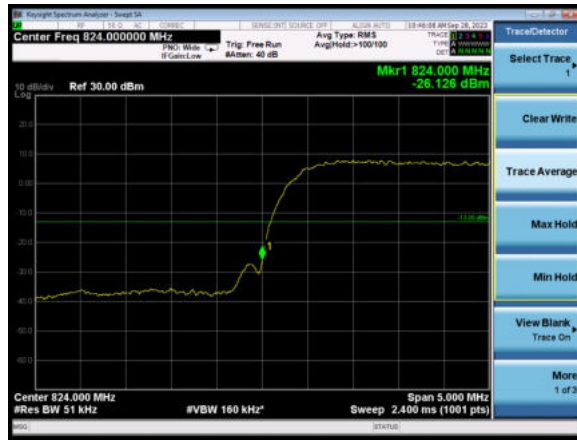
GSM 850 EGPRS CH-Low



GSM 850 EGPRS CH-High



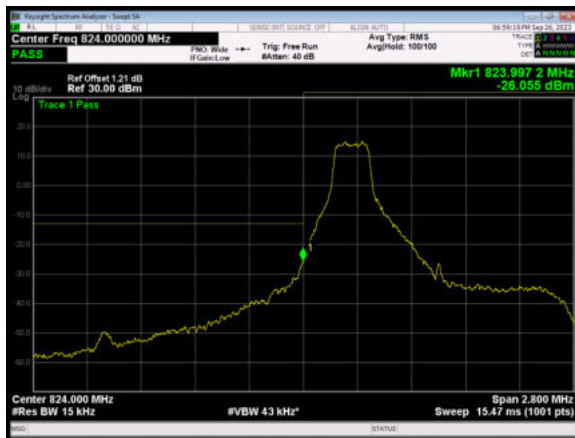
WCDMA Band V CH-Low



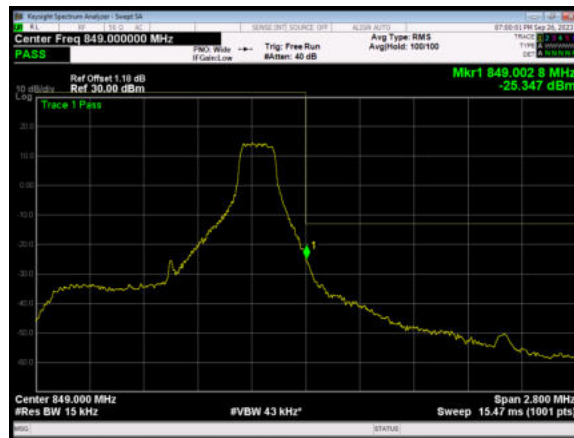
WCDMA Band V CH-High



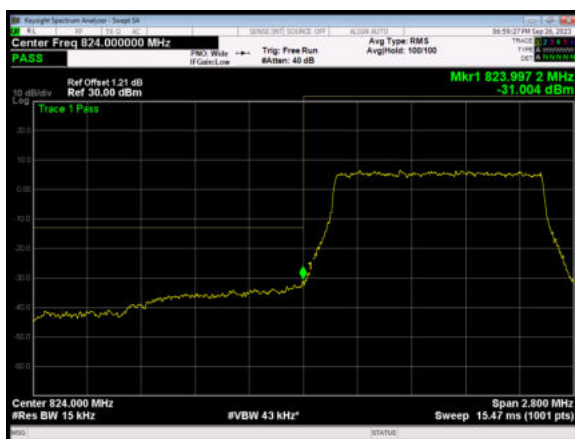
LTE Band 5 QPSK 1.4MHz CH-Low 1RB



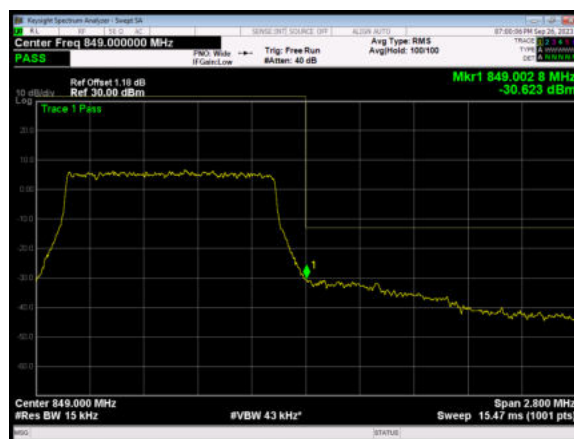
LTE Band 5 QPSK 1.4MHz CH-High 1RB



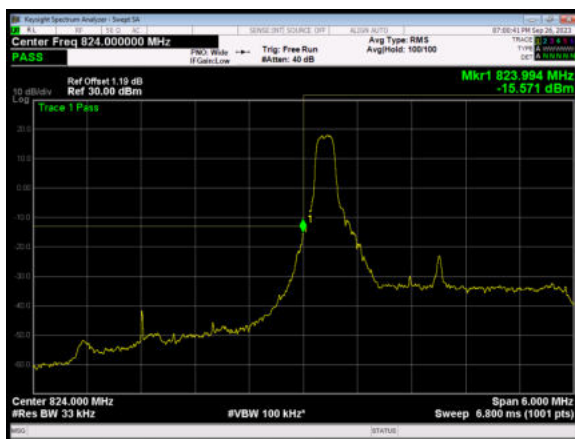
LTE Band 5 QPSK 1.4MHz CH-Low 100%RB



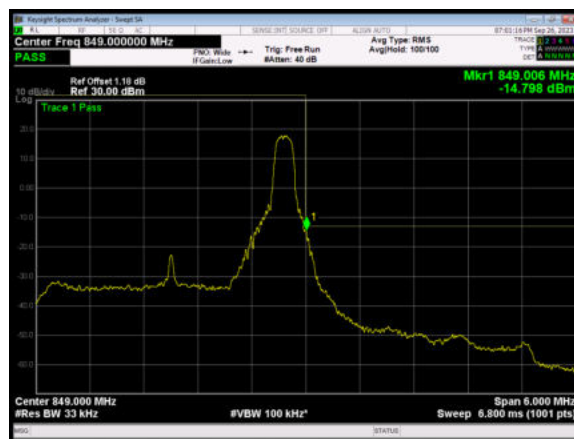
LTE Band 5 QPSK 1.4MHz CH-High 100%RB



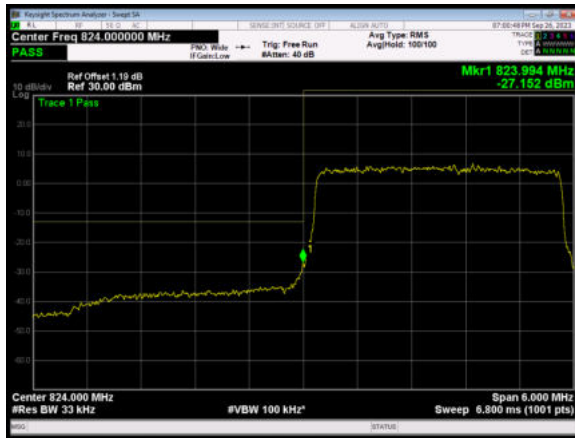
LTE Band 5 QPSK 3MHz CH-Low 1RB



LTE Band 5 QPSK 3MHz CH-High 1RB



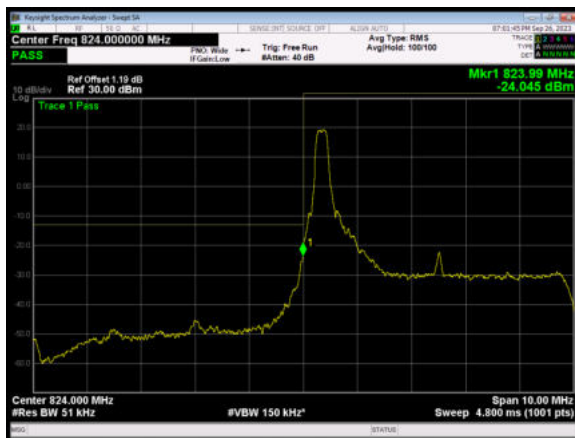
LTE Band 5 QPSK 3MHz CH-Low 100%RB



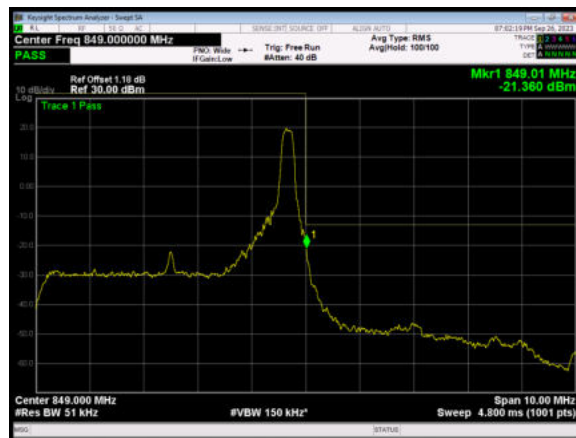
LTE Band 5 QPSK 3MHz CH-High 100%RB



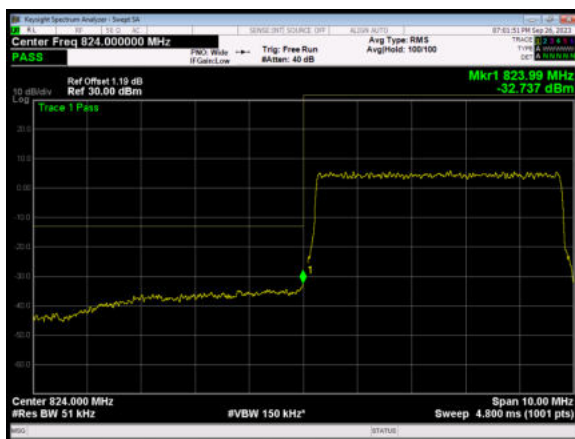
LTE Band 5 QPSK 5MHz CH-Low 1RB



LTE Band 5 QPSK 5MHz CH-High 1RB



LTE Band 5 QPSK 5MHz CH-Low 100%RB



LTE Band 5 QPSK 5MHz CH-High 100%RB

