

RF TEST REPORT

Applicant	MeiG Smart Technology Co., Ltd
FCC ID	2APJ4-SLM336Q
Product	LTE Cat1 Module
Brand	MEIGLink
Model	SLM336Q
Report No.	R2407A0777-R2V2
Issue Date	August 26, 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 24E (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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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	August 7, 2024
Rev.1	Update data.	August 21, 2024
Rev.2	Update description.	August 26, 2024
Note: This revised report (Report No.: R2407A0777-R2V2) supersedes and replaces the previously issued report (Report No.: R2407A0777-R2V1). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of measurement results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	2.1046 24.232(c)	PASS
2	Occupied Bandwidth	2.1049	PASS
3	Band Edge Compliance	2.1051 / 24.238(a)	PASS
4	Peak-to-Average Power Ratio	24.232/KDB 971168 D01(5.7)	PASS
5	Frequency Stability	2.1055 / 24.235	PASS
6	Spurious Emissions at Antenna Terminals	2.1051 / 24.238(a)	PASS
7	Radiated Spurious Emission	2.1053 / 24.238(a)	PASS
Date of Testing: July 8, 2024 ~ July 23, 2024 Date of Sample Received: July 4, 2024			
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.			

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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City: Shanghai
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E-mail: Kain.Xu@cpt.eurofinscn.com

2. General Description of Equipment under Test

2.1.Applicant and Manufacturer Information

Applicant	MeiG Smart Technology Co., Ltd
Applicant address	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen, China.
Manufacturer	MeiG Smart Technology Co., Ltd
Manufacturer address	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen, China.

2.2.General information

EUT Description			
Model	SLM336Q		
SN	Conducted	M336QA1AHE013000171	
	Radiated	M336QA1AHE013000107	
Hardware Version	SLM336QA1A_MB_V1.01		
Software Version	V08		
Power Supply	External power supply		
Antenna Type	External Antenna		
Antenna Gain	4.02 dBi		
Test Mode(s)	LTE Band 2		
Test Modulation	(LTE) QPSK, 16QAM;		
Channel Bandwidth	Band	QPSK	16QAM
	LTE Band 2	1.4/3/5/10/15/20MHz	1.4/3/5MHz
LTE Category	1		
Maximum E.I.R.P	LTE Band 2	27.14 dBm	
Rated Power Supply Voltage	3.8V		
Operating Voltage	Minimum: 3.5V	Maximum: 4.2V	
Operating Temperature	Lowest: -35°C	Highest: +75°C	
Testing Temperature	Lowest: -30°C	Highest: +50°C	
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	LTE Band 2	1850 ~ 1910	1930 ~ 1990
Auxiliary Test Equipment			
Mother board	Manufacturer: MeiG Smart Technology Co., Ltd Model: /		
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 24E (2023)

FCC CFR47 Part 2 (2023)

Reference standard:

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

4. Test Configuration

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (vertical), lie-down position (horizontal). The worst emission was found in stand-up position (vertical)

All mode and data rates and positions and RB size and modulations were investigated.

Subsequently, only the worst case emissions are reported.

The following testing in LTE is set based on the maximum RF Output Power.

Test modes are chosen to be reported as the worst case configuration below for LTE Band 2:

Test items	Bandwidth (MHz)						Modulation		RB			Test Channel		
	1.4	3	5	10	15	20	QPSK	16QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	O	O	O	O	O	O	O	O	O	-	O	O	-	O
Peak-to-Average Power Ratio	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	O	O	O	O	O	O	O	O	O	-	-	-	O	-
Spurious Emissions at Antenna Terminals	O	O	O	O	O	O	O	-	O	-	-	O	O	O
Radiated Spurious Emission	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 Isotropic Radiated Power

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

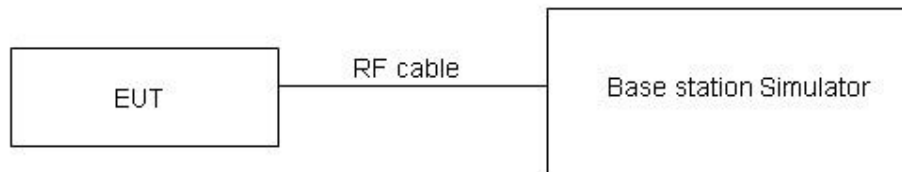
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

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

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

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 24.232(c) Mobile and portable stations are limited to 2 watts EIRP.

Rule Part 24.232(e) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Limit	$\leq 2 \text{ W (33 dBm)}$
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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 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
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

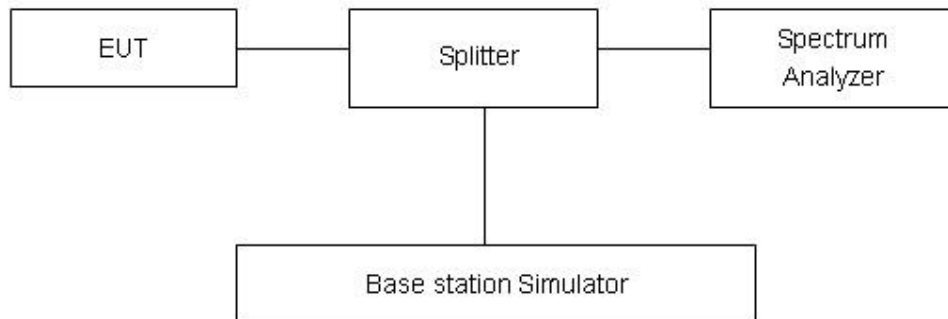
Method of Measurement

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

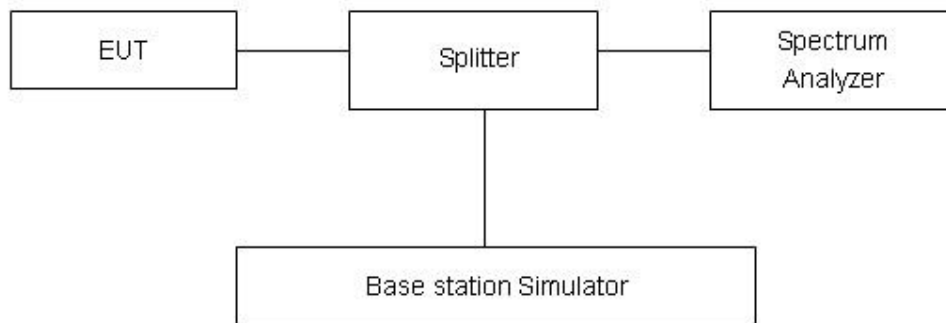
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

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 and 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 24.238(a) specifies that “on any frequency outside a licensee’s frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10} (P)$ 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

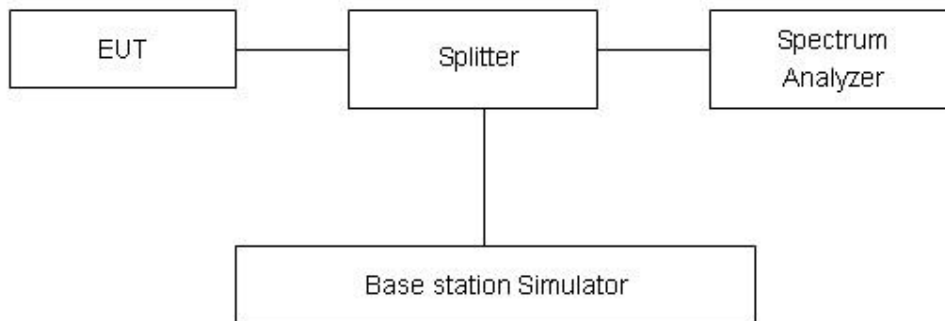
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

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

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 in 24.232(d).

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
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

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.

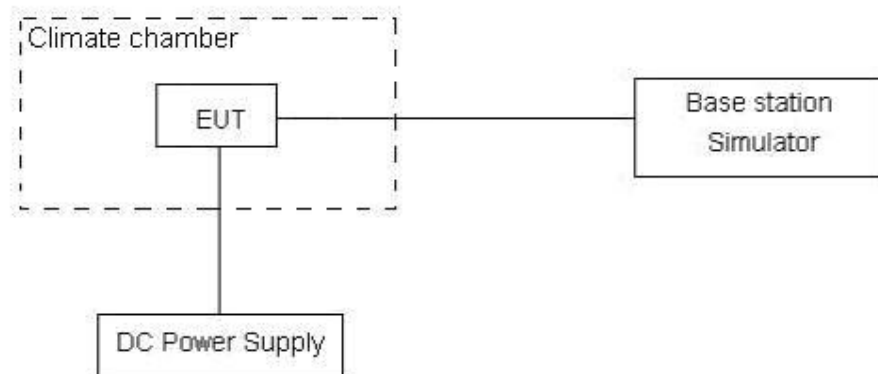
Frequency Stability (Voltage Variation)

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 3.5 V and 4.2 V, with a nominal voltage of 3.8V.

Test setup



Limits

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block

Measurement Uncertainty

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

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
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

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)

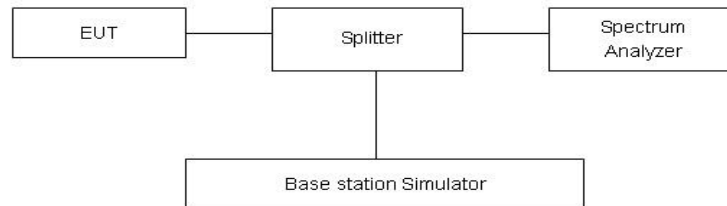
RBW is set to 100 kHz (30MHz~1000 MHz)

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 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10} (P)$ 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
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

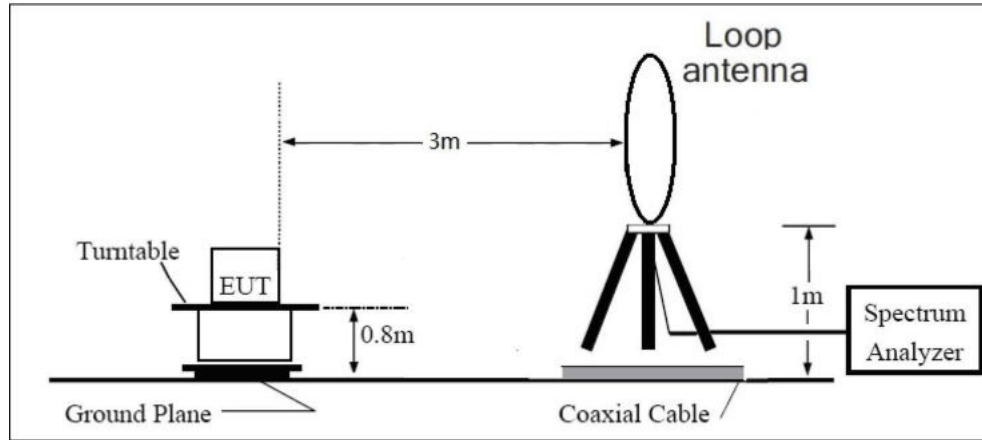
1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable 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=1MHz, VBW=3MHz, 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, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.

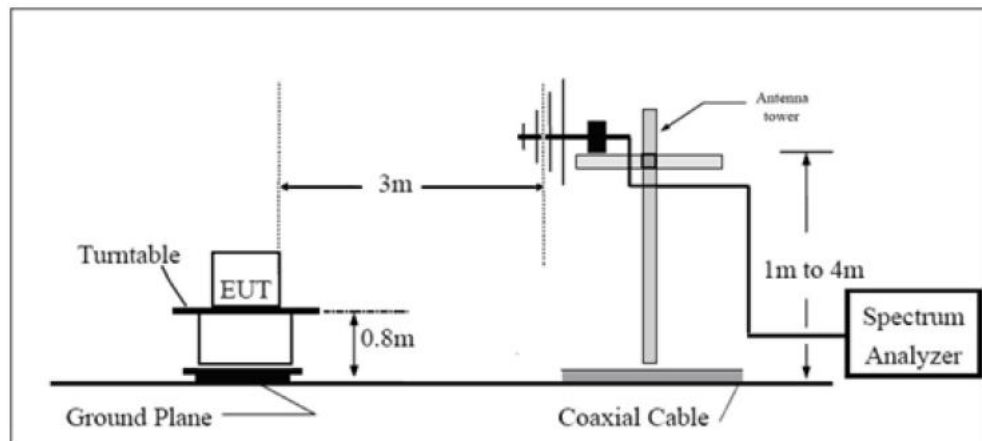
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

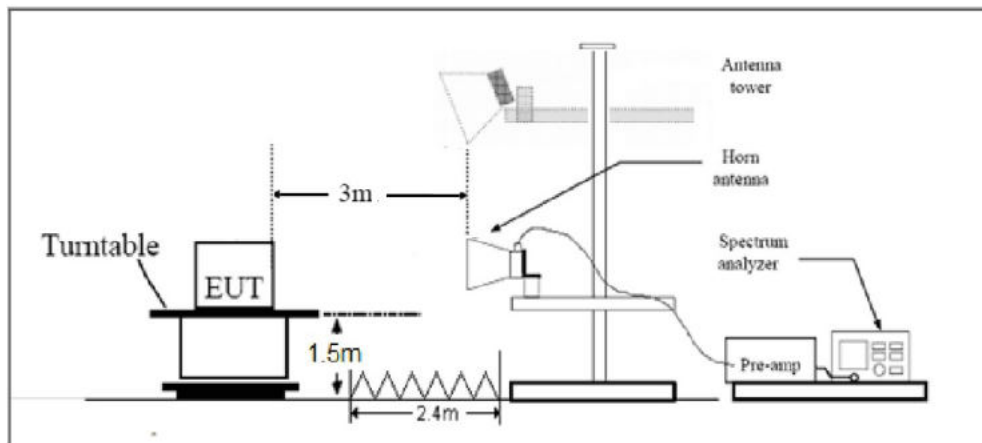
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Limits

Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10} (P)$ 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 Results

6.1.RF Power Output and Effective Isotropic Radiated Power

LTE Band 2						
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
1.4	18607	1	#0	QPSK	22.82	26.84
1.4	18607	1	#Mid	QPSK	22.78	26.80
1.4	18607	1	#Max	QPSK	22.87	26.89
1.4	18607	3	#0	QPSK	22.81	26.83
1.4	18607	3	#Mid	QPSK	22.80	26.82
1.4	18607	3	#Max	QPSK	22.79	26.81
1.4	18607	6	#0	QPSK	21.84	25.86
1.4	18900	1	#0	QPSK	22.60	26.62
1.4	18900	1	#Mid	QPSK	22.62	26.64
1.4	18900	1	#Max	QPSK	22.61	26.63
1.4	18900	3	#0	QPSK	22.68	26.70
1.4	18900	3	#Mid	QPSK	22.68	26.70
1.4	18900	3	#Max	QPSK	22.69	26.71
1.4	18900	6	#0	QPSK	21.77	25.79
1.4	19193	1	#0	QPSK	22.07	26.09
1.4	19193	1	#Mid	QPSK	22.08	26.10
1.4	19193	1	#Max	QPSK	22.10	26.12
1.4	19193	3	#0	QPSK	22.02	26.04
1.4	19193	3	#Mid	QPSK	22.03	26.05
1.4	19193	3	#Max	QPSK	22.15	26.17
1.4	19193	6	#0	QPSK	21.30	25.32
3	18615	1	#0	QPSK	22.61	26.63
3	18615	1	#Mid	QPSK	22.67	26.69
3	18615	1	#Max	QPSK	22.56	26.58
3	18615	8	#0	QPSK	21.81	25.83
3	18615	8	#Mid	QPSK	21.82	25.84
3	18615	8	#Max	QPSK	21.79	25.81
3	18615	15	#0	QPSK	21.79	25.81
3	18900	1	#0	QPSK	22.47	26.49
3	18900	1	#Mid	QPSK	22.65	26.67
3	18900	1	#Max	QPSK	22.47	26.49
3	18900	8	#0	QPSK	21.72	25.74
3	18900	8	#Mid	QPSK	21.73	25.75
3	18900	8	#Max	QPSK	21.73	25.75
3	18900	15	#0	QPSK	21.72	25.74

3	19185	1	#0	QPSK	21.96	25.98
3	19185	1	#Mid	QPSK	22.16	26.18
3	19185	1	#Max	QPSK	22.03	26.05
3	19185	8	#0	QPSK	21.16	25.18
3	19185	8	#Mid	QPSK	21.17	25.19
3	19185	8	#Max	QPSK	21.20	25.22
3	19185	15	#0	QPSK	21.19	25.21
5	18625	1	#0	QPSK	22.63	26.65
5	18625	1	#Mid	QPSK	22.72	26.74
5	18625	1	#Max	QPSK	22.62	26.64
5	18625	12	#0	QPSK	21.88	25.90
5	18625	12	#Mid	QPSK	21.89	25.91
5	18625	12	#Max	QPSK	21.85	25.87
5	18625	25	#0	QPSK	21.84	25.86
5	18900	1	#0	QPSK	22.74	26.76
5	18900	1	#Mid	QPSK	22.75	26.77
5	18900	1	#Max	QPSK	22.77	26.79
5	18900	12	#0	QPSK	21.87	25.89
5	18900	12	#Mid	QPSK	21.89	25.91
5	18900	12	#Max	QPSK	21.90	25.92
5	18900	25	#0	QPSK	21.87	25.89
5	19175	1	#0	QPSK	22.03	26.05
5	19175	1	#Mid	QPSK	22.04	26.06
5	19175	1	#Max	QPSK	22.10	26.12
5	19175	12	#0	QPSK	21.13	25.15
5	19175	12	#Mid	QPSK	21.14	25.16
5	19175	12	#Max	QPSK	21.19	25.21
5	19175	25	#0	QPSK	21.13	25.15
10	18650	1	#0	QPSK	22.66	26.68
10	18650	1	#Mid	QPSK	22.64	26.66
10	18650	1	#Max	QPSK	22.63	26.65
10	18650	25	#0	QPSK	21.84	25.86
10	18650	25	#Mid	QPSK	21.86	25.88
10	18650	25	#Max	QPSK	21.84	25.86
10	18650	50	#0	QPSK	21.81	25.83
10	18900	1	#0	QPSK	22.77	26.79
10	18900	1	#Mid	QPSK	22.74	26.76
10	18900	1	#Max	QPSK	22.76	26.78
10	18900	25	#0	QPSK	21.96	25.98
10	18900	25	#Mid	QPSK	21.97	25.99
10	18900	25	#Max	QPSK	21.99	26.01
10	18900	50	#0	QPSK	21.97	25.99
10	19150	1	#0	QPSK	22.40	26.42

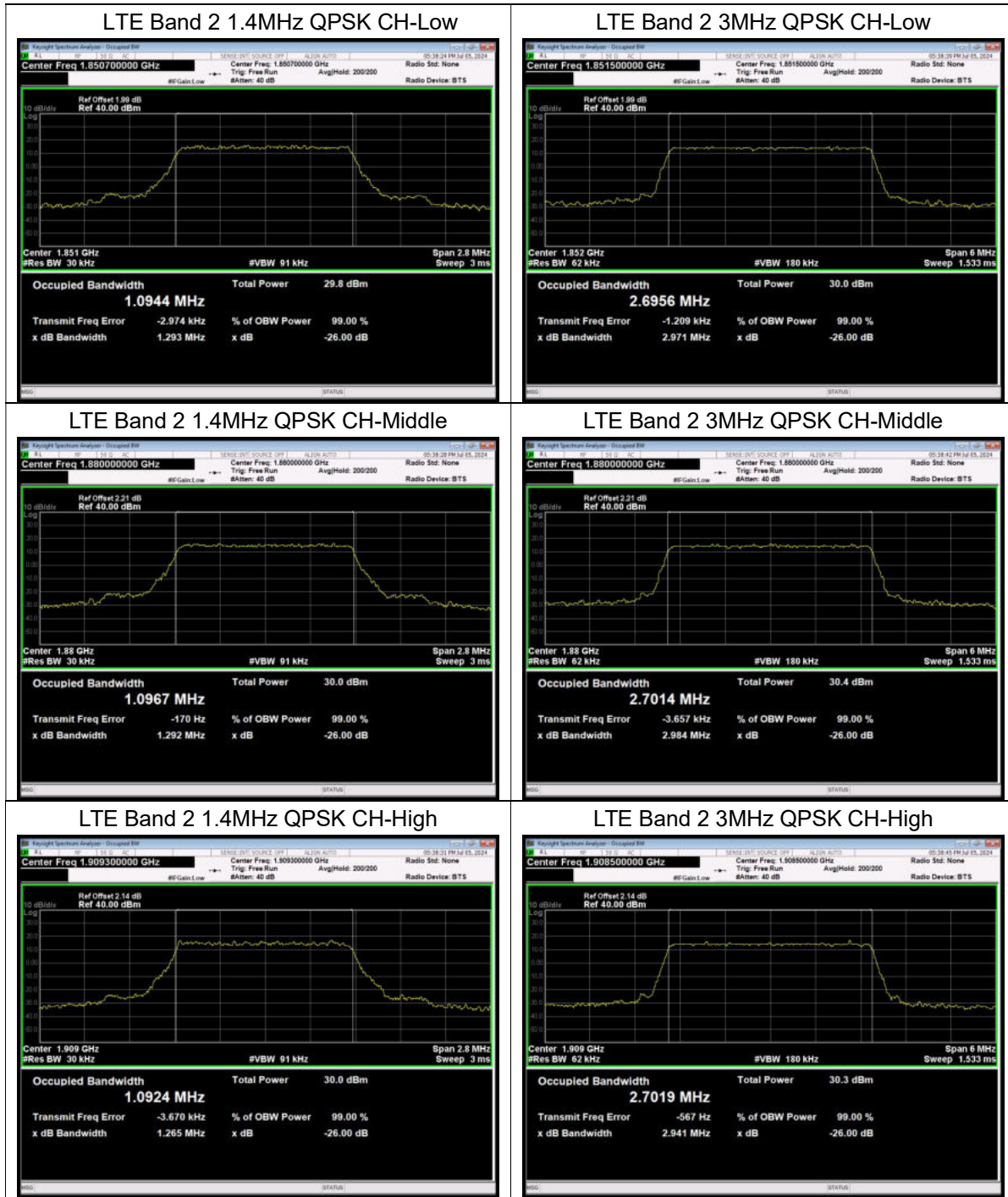
10	19150	1	#Mid	QPSK	22.28	26.30
10	19150	1	#Max	QPSK	22.31	26.33
10	19150	25	#0	QPSK	21.33	25.35
10	19150	25	#Mid	QPSK	21.35	25.37
10	19150	25	#Max	QPSK	21.30	25.32
10	19150	50	#0	QPSK	21.31	25.33
15	18675	1	#0	QPSK	22.67	26.69
15	18675	1	#Mid	QPSK	22.64	26.66
15	18675	1	#Max	QPSK	22.70	26.72
15	18675	36	#0	QPSK	21.87	25.89
15	18675	36	#Mid	QPSK	21.88	25.90
15	18675	36	#Max	QPSK	21.88	25.90
15	18675	75	#0	QPSK	21.85	25.87
15	18900	1	#0	QPSK	22.81	26.83
15	18900	1	#Mid	QPSK	22.80	26.82
15	18900	1	#Max	QPSK	22.81	26.83
15	18900	36	#0	QPSK	21.97	25.99
15	18900	36	#Mid	QPSK	21.97	25.99
15	18900	36	#Max	QPSK	22.00	26.02
15	18900	75	#0	QPSK	22.00	26.02
15	19125	1	#0	QPSK	22.65	26.67
15	19125	1	#Mid	QPSK	22.53	26.55
15	19125	1	#Max	QPSK	22.44	26.46
15	19125	36	#0	QPSK	21.71	25.73
15	19125	36	#Mid	QPSK	21.64	25.66
15	19125	36	#Max	QPSK	21.49	25.51
15	19125	75	#0	QPSK	21.53	25.55
20	18700	1	#0	QPSK	22.75	26.77
20	18700	1	#Mid	QPSK	22.73	26.75
20	18700	1	#Max	QPSK	22.71	26.73
20	18700	50	#0	QPSK	21.83	25.85
20	18700	50	#Mid	QPSK	21.84	25.86
20	18700	50	#Max	QPSK	21.84	25.86
20	18700	100	#0	QPSK	21.83	25.85
20	18900	1	#0	QPSK	23.11	27.13
20	18900	1	#Mid	QPSK	22.98	27.00
20	18900	1	#Max	QPSK	23.12	27.14
20	18900	50	#0	QPSK	22.07	26.09
20	18900	50	#Mid	QPSK	22.07	26.09
20	18900	50	#Max	QPSK	22.09	26.11
20	18900	100	#0	QPSK	22.10	26.12
20	19100	1	#0	QPSK	22.68	26.70
20	19100	1	#Mid	QPSK	22.60	26.62

20	19100	1	#Max	QPSK	22.45	26.47
20	19100	50	#0	QPSK	21.86	25.88
20	19100	50	#Mid	QPSK	21.90	25.92
20	19100	50	#Max	QPSK	21.62	25.64
20	19100	100	#0	QPSK	21.81	25.83
1.4	18607	1	#0	16QAM	21.69	25.71
1.4	18607	1	#Mid	16QAM	21.84	25.86
1.4	18607	1	#Max	16QAM	21.76	25.78
1.4	18607	3	#0	16QAM	21.60	25.62
1.4	18607	3	#Mid	16QAM	21.60	25.62
1.4	18607	3	#Max	16QAM	21.55	25.57
1.4	18607	6	#0	16QAM	20.54	24.56
1.4	18900	1	#0	16QAM	21.87	25.89
1.4	18900	1	#Mid	16QAM	21.96	25.98
1.4	18900	1	#Max	16QAM	22.04	26.06
1.4	18900	3	#0	16QAM	21.66	25.68
1.4	18900	3	#Mid	16QAM	21.66	25.68
1.4	18900	3	#Max	16QAM	21.66	25.68
1.4	18900	6	#0	16QAM	20.72	24.74
1.4	19193	1	#0	16QAM	21.05	25.07
1.4	19193	1	#Mid	16QAM	21.06	25.08
1.4	19193	1	#Max	16QAM	21.05	25.07
1.4	19193	3	#0	16QAM	21.00	25.02
1.4	19193	3	#Mid	16QAM	20.98	25.00
1.4	19193	3	#Max	16QAM	20.98	25.00
1.4	19193	6	#0	16QAM	20.03	24.05
3	18615	1	#0	16QAM	21.56	25.58
3	18615	1	#Mid	16QAM	21.70	25.72
3	18615	1	#Max	16QAM	21.61	25.63
3	18615	8	#0	16QAM	20.40	24.42
3	18615	8	#Mid	16QAM	20.40	24.42
3	18615	8	#Max	16QAM	20.39	24.41
3	18615	15	#0	16QAM	20.32	24.34
3	18900	1	#0	16QAM	21.82	25.84
3	18900	1	#Mid	16QAM	21.94	25.96
3	18900	1	#Max	16QAM	21.73	25.75
3	18900	8	#0	16QAM	20.71	24.73
3	18900	8	#Mid	16QAM	20.73	24.75
3	18900	8	#Max	16QAM	20.72	24.74
3	18900	15	#0	16QAM	20.53	24.55
3	19185	1	#0	16QAM	20.92	24.94
3	19185	1	#Mid	16QAM	21.07	25.09
3	19185	1	#Max	16QAM	20.89	24.91

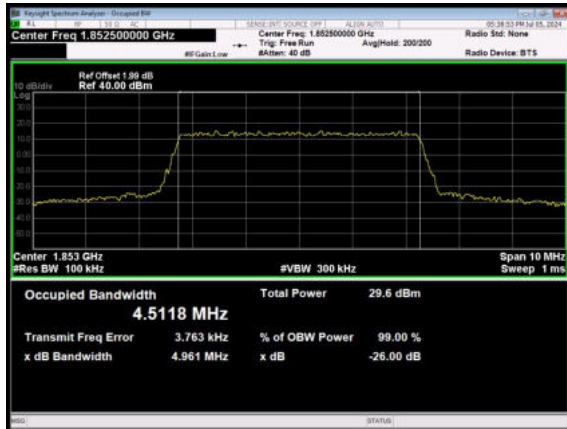
3	19185	8	#0	16QAM	20.12	24.14
3	19185	8	#Mid	16QAM	20.13	24.15
3	19185	8	#Max	16QAM	20.12	24.14
3	19185	15	#0	16QAM	20.13	24.15
5	18625	1	#0	16QAM	21.88	25.90
5	18625	1	#Mid	16QAM	21.93	25.95
5	18625	1	#Max	16QAM	21.93	25.95
5	18625	12	#0	16QAM	20.54	24.56
5	18625	12	#Mid	16QAM	20.55	24.57
5	18625	12	#Max	16QAM	20.55	24.57
5	18625	25	#0	16QAM	20.55	24.57
5	18900	1	#0	16QAM	21.92	25.94
5	18900	1	#Mid	16QAM	21.90	25.92
5	18900	1	#Max	16QAM	21.89	25.91
5	18900	12	#0	16QAM	20.83	24.85
5	18900	12	#Mid	16QAM	20.84	24.86
5	18900	12	#Max	16QAM	20.83	24.85
5	18900	25	#0	16QAM	20.80	24.82
5	19175	1	#0	16QAM	21.39	25.41
5	19175	1	#Mid	16QAM	21.37	25.39
5	19175	1	#Max	16QAM	21.37	25.39
5	19175	12	#0	16QAM	20.32	24.34
5	19175	12	#Mid	16QAM	20.32	24.34
5	19175	12	#Max	16QAM	20.30	24.32
5	19175	25	#0	16QAM	20.19	24.21

6.2.Occupied Bandwidth

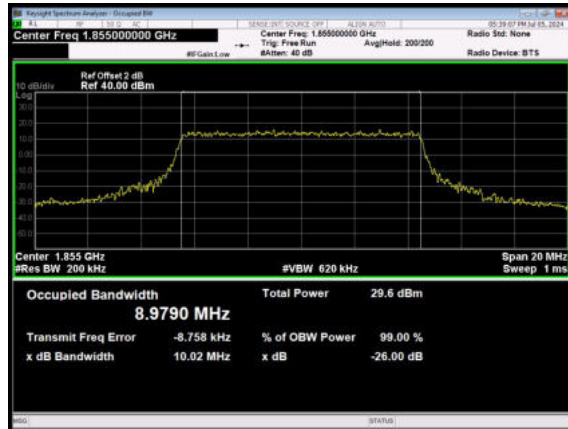
LTE Band 2						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
100%	QPSK	1.4	18607	1850.7	1.094	1.293
			18900	1880.0	1.097	1.292
			19193	1909.3	1.092	1.265
		3	18615	1851.5	2.696	2.971
			18900	1880	2.701	2.984
			19185	1908.5	2.702	2.941
		5	18625	1852.5	4.512	4.961
			18900	1880	4.504	4.875
			19175	1907.5	4.504	4.917
		10	18650	1855	8.979	10.021
			18900	1880	8.985	10.148
			19150	1905	8.997	10.199
		15	18675	1857.5	13.458	15.244
			18900	1880	13.519	15.142
			19125	1902.5	13.464	14.998
		20	18700	1860	17.972	19.966
			18900	1880	17.980	20.071
			19100	1900	18.002	19.663
	16QAM	1.4	18607	1850.7	1.096	1.299
			18900	1880.0	1.096	1.304
			19193	1909.3	1.100	1.297
		3	18615	1851.5	2.704	2.984
			18900	1880	2.693	2.943
			19185	1908.5	2.692	2.961
		5	18625	1852.5	4.508	4.876
			18900	1880	4.501	4.933
			19175	1907.5	4.509	4.922



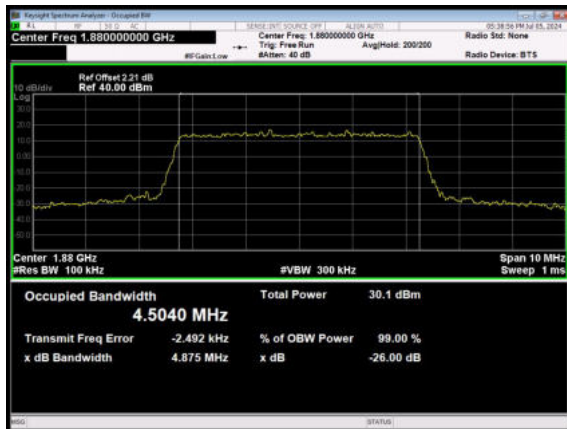
LTE Band 2 5MHz QPSK CH-Low



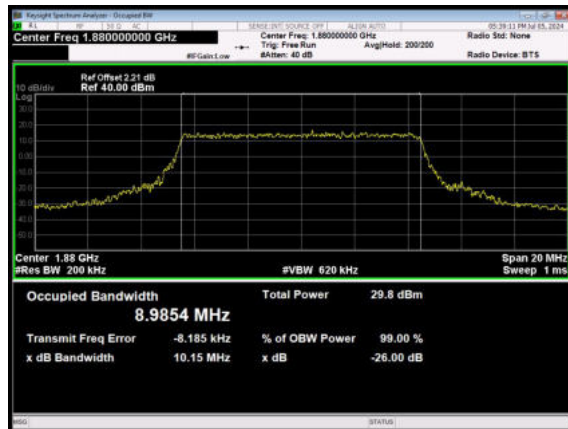
LTE Band 2 10MHz QPSK CH-Low



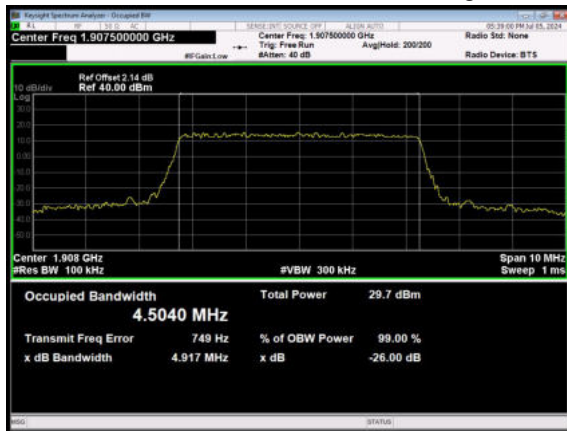
LTE Band 2 5MHz QPSK CH-Middle



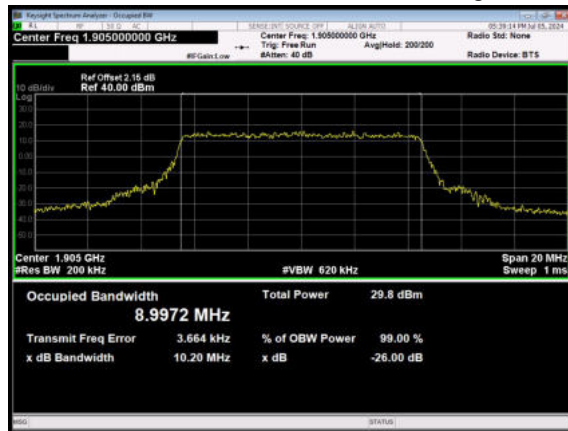
LTE Band 2 10MHz QPSK CH-Middle



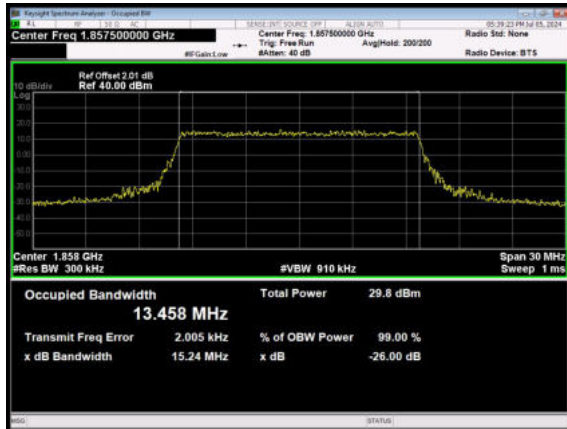
LTE Band 2 5MHz QPSK CH-High



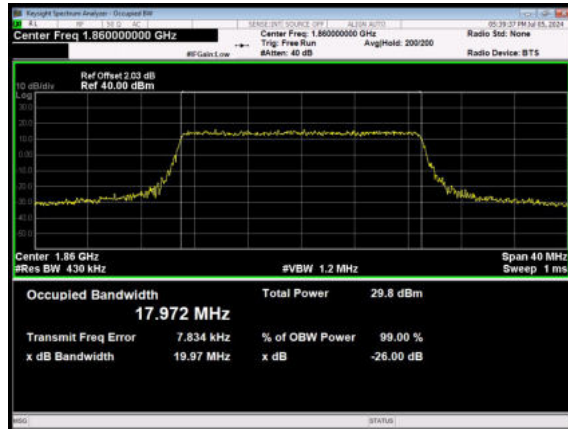
LTE Band 2 10MHz QPSK CH-High



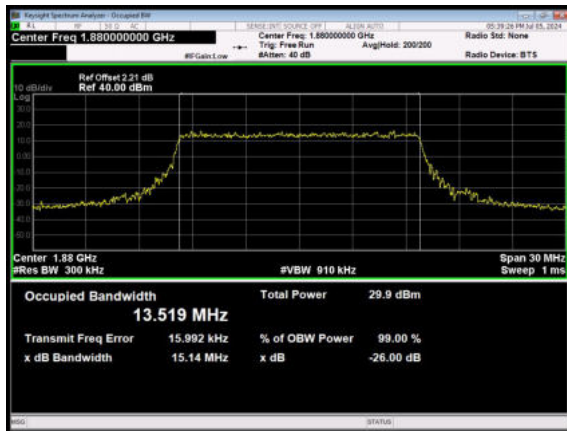
LTE Band 2 15MHz QPSK CH-Low



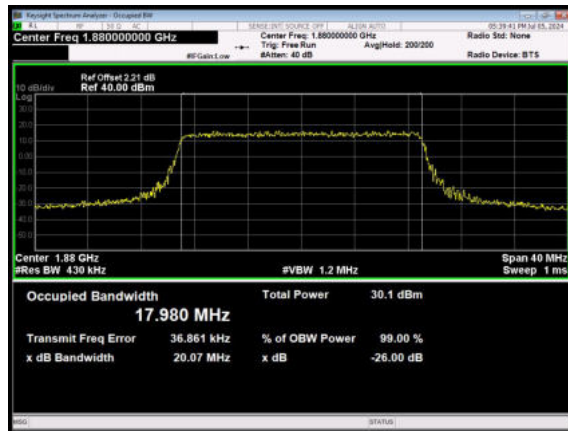
LTE Band 2 20MHz QPSK CH-Low



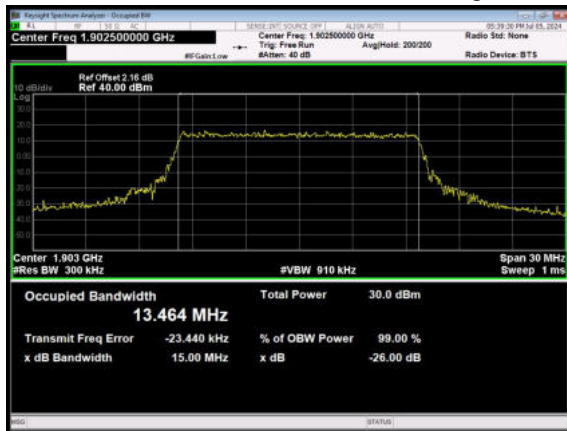
LTE Band 2 15MHz QPSK CH-Middle



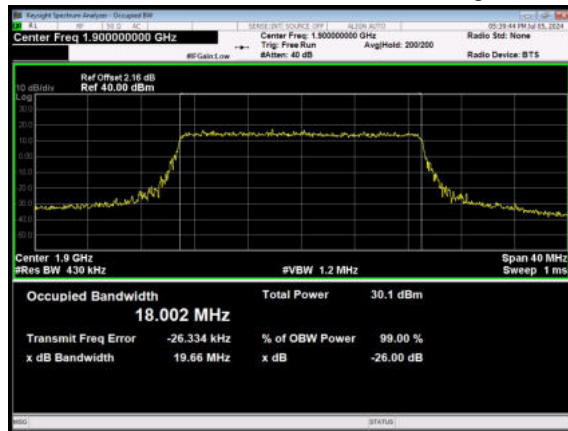
LTE Band 2 20MHz QPSK CH-Middle



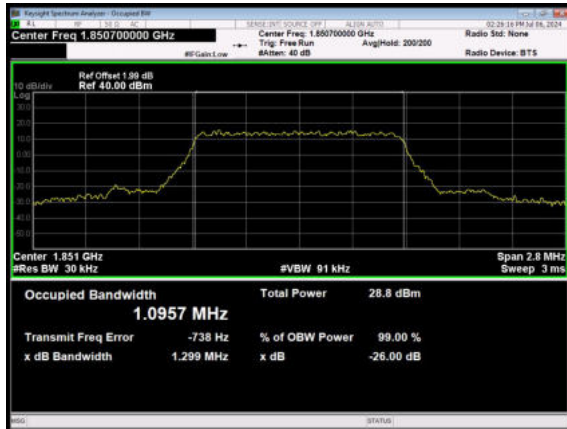
LTE Band 2 15MHz QPSK CH-High



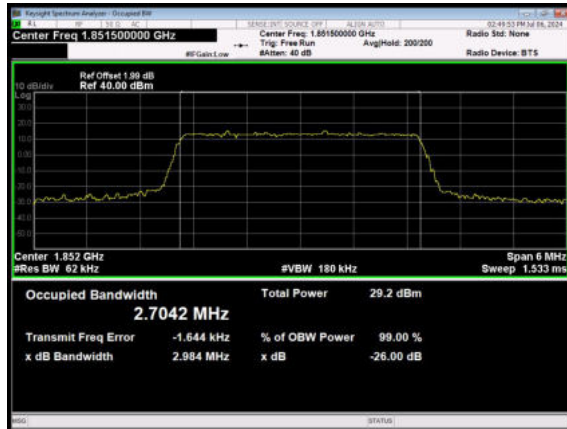
LTE Band 2 20MHz QPSK CH-High



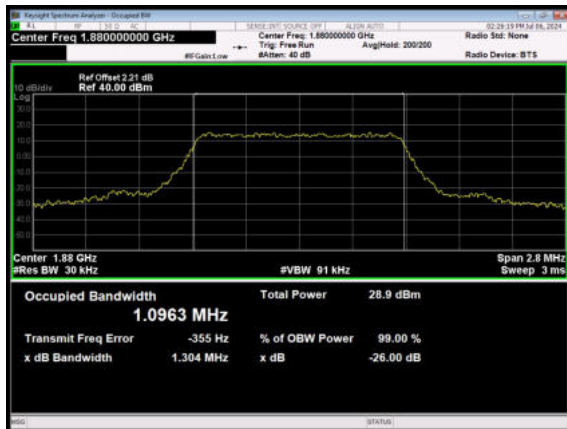
LTE Band 2 1.4MHz 16QAM CH-Low



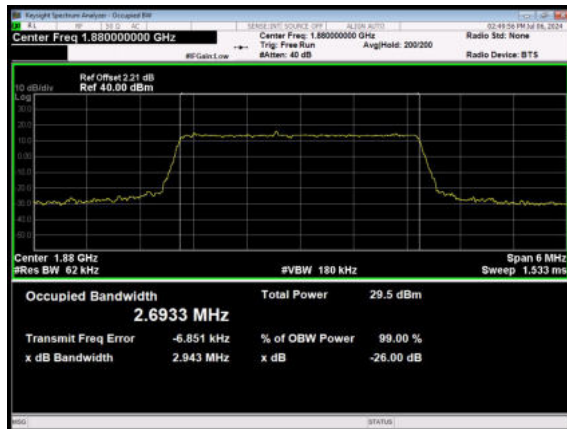
LTE Band 2 3MHz 16QAM CH-Low



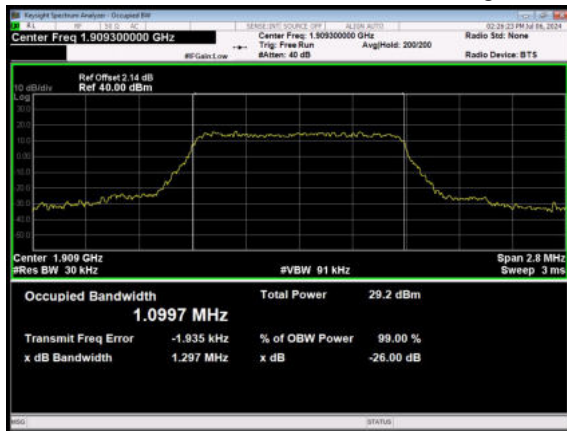
LTE Band 2 1.4MHz 16QAM CH-Middle



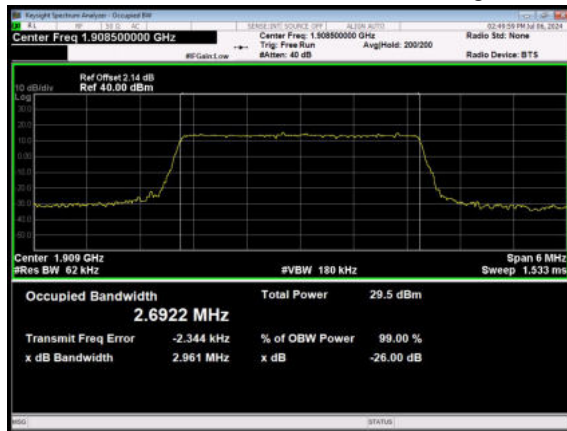
LTE Band 2 3MHz 16QAM CH-Middle

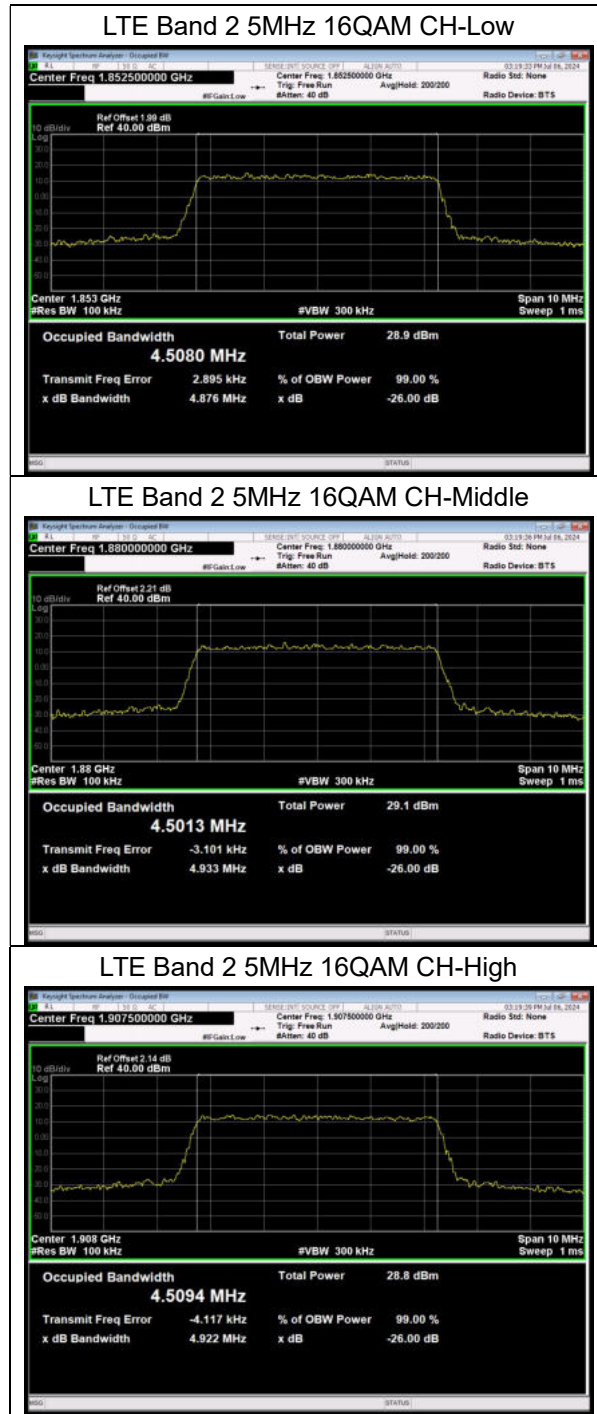


LTE Band 2 1.4MHz 16QAM CH-High



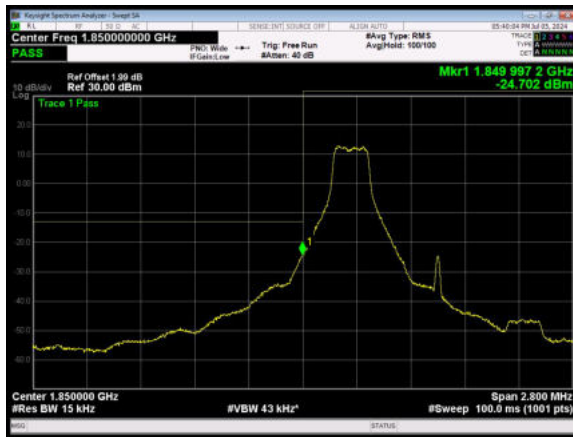
LTE Band 2 3MHz 16QAM CH-High



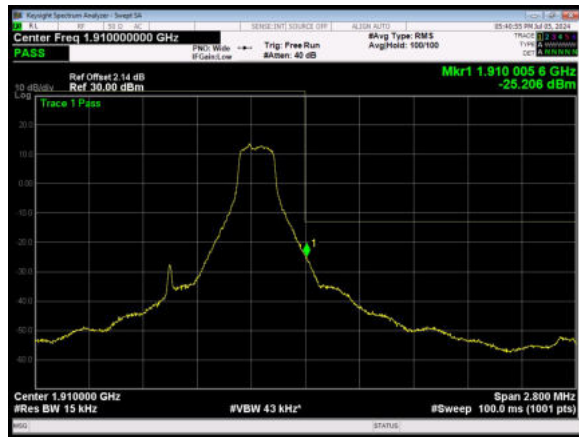


6.3. Band Edge Compliance

LTE Band 2 1.4MHz QPSK 1RB CH-Low



LTE Band 2 1.4MHz QPSK 1RB CH-High



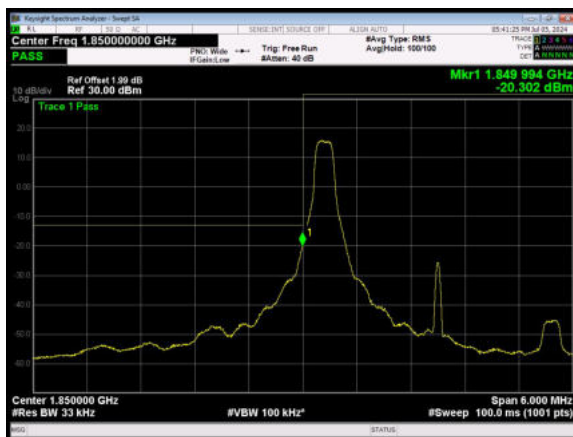
LTE Band 2 1.4MHz QPSK 100%RB CH-Low



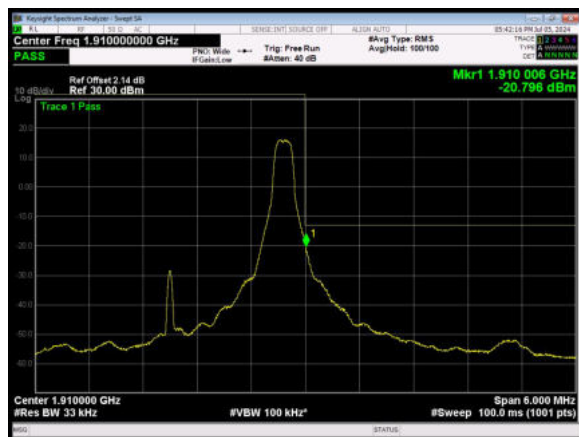
LTE Band 2 1.4MHz QPSK 100%RB CH-High



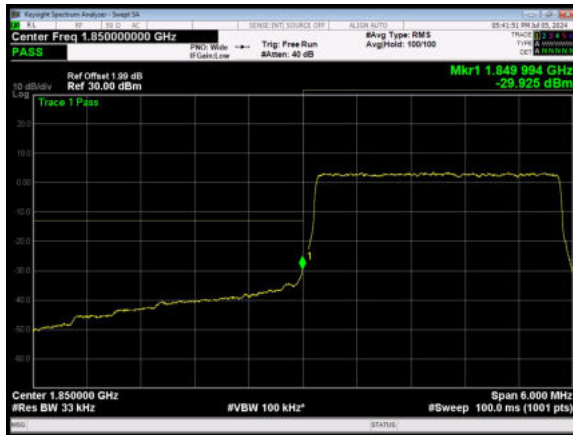
LTE Band 2 3MHz QPSK 1RB CH-Low



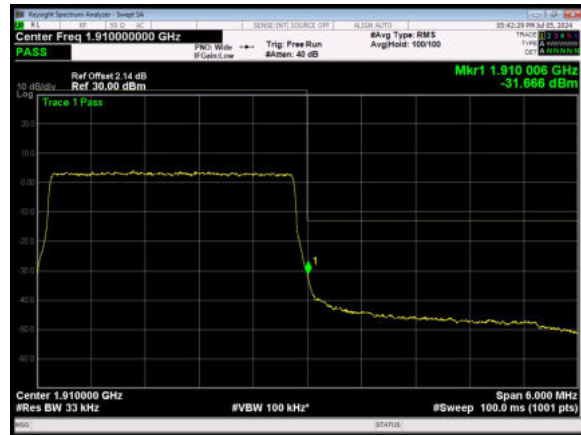
LTE Band 2 3MHz QPSK 1RB CH-High



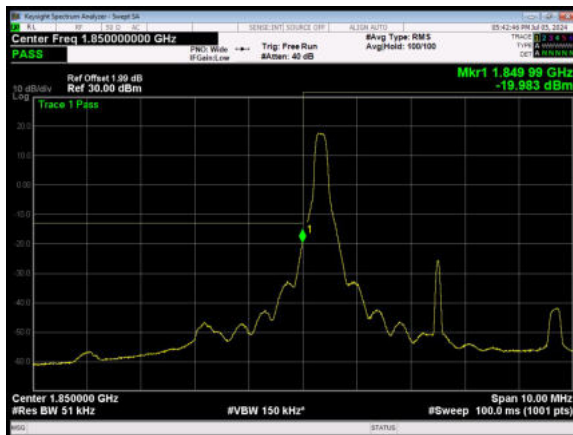
LTE Band 2 3MHz QPSK 100%RB CH-Low



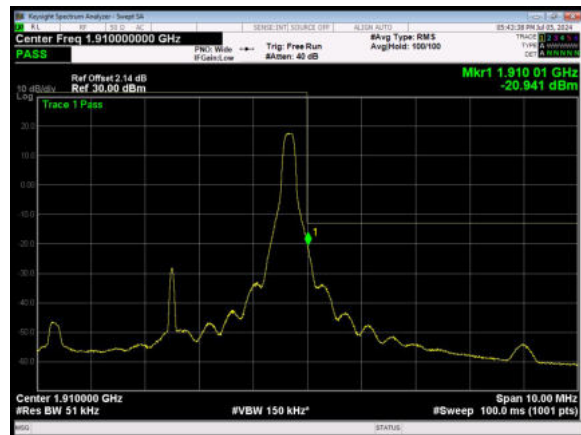
LTE Band 2 3MHz QPSK 100%RB CH-High



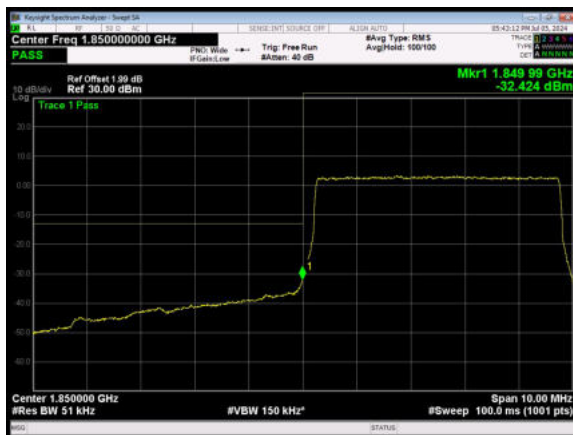
LTE Band 2 5MHz QPSK 1RB CH-Low



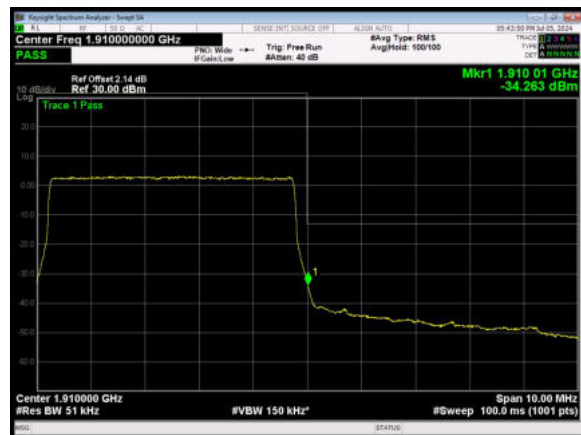
LTE Band 2 5MHz QPSK 1RB CH-High



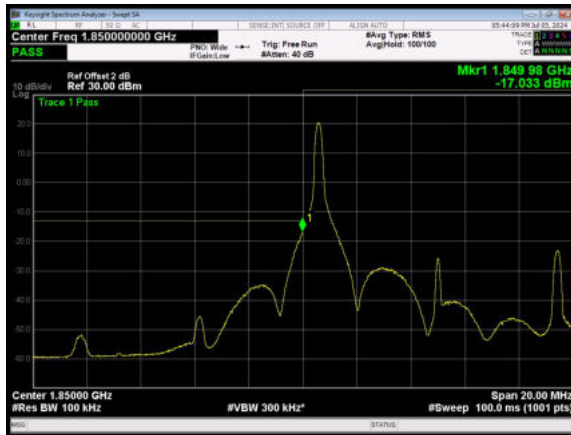
LTE Band 2 5MHz QPSK 100%RB CH-Low



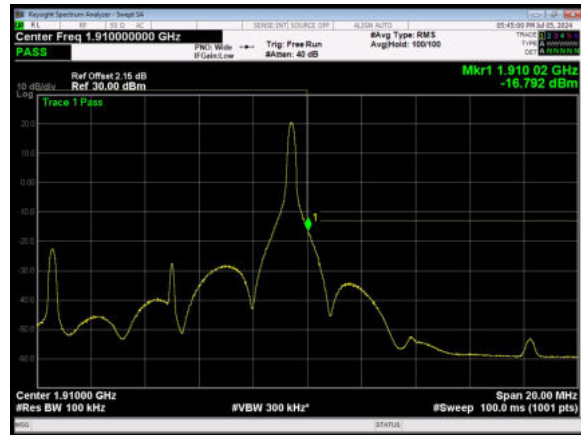
LTE Band 2 5MHz QPSK 100%RB CH-High



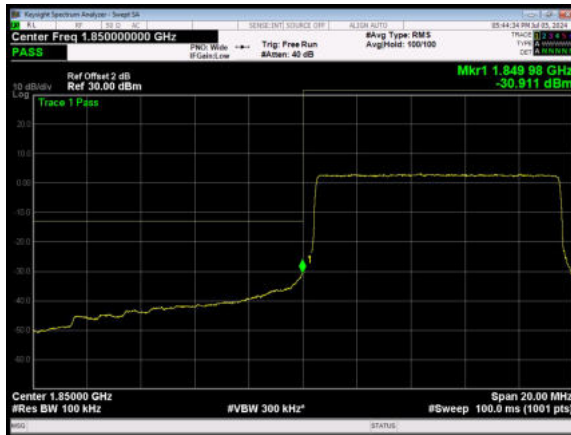
LTE Band 2 10MHz QPSK 1RB CH-Low



LTE Band 2 10MHz QPSK 1RB CH-High



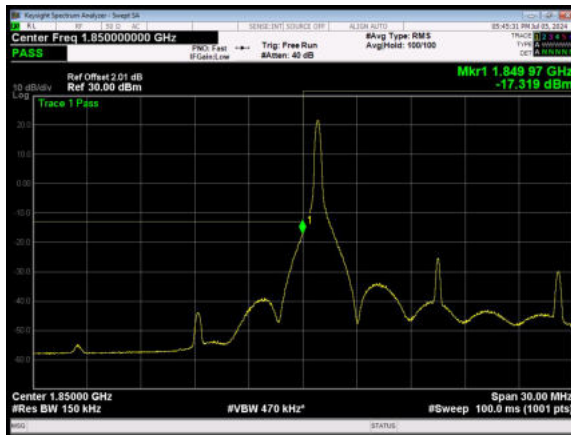
LTE Band 2 10MHz QPSK 100%RB CH-Low



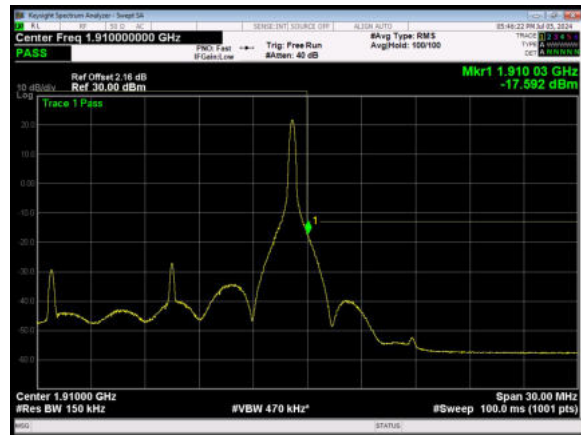
LTE Band 2 10MHz QPSK 100%RB CH-High



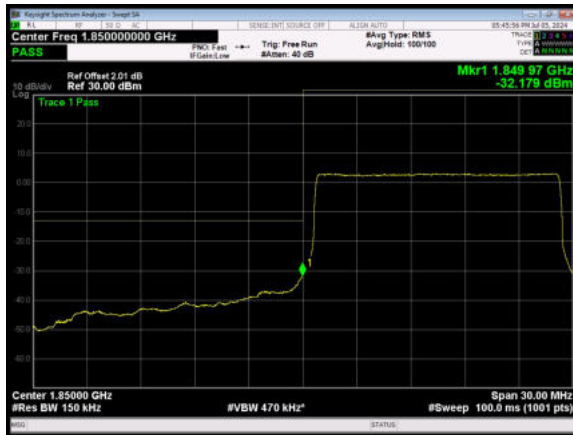
LTE Band 2 15MHz QPSK 1RB CH-Low



LTE Band 2 15MHz QPSK 1RB CH-High



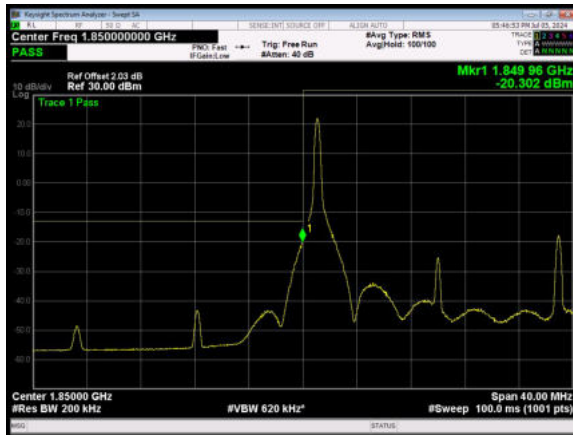
LTE Band 2 15MHz QPSK 100%RB CH-Low



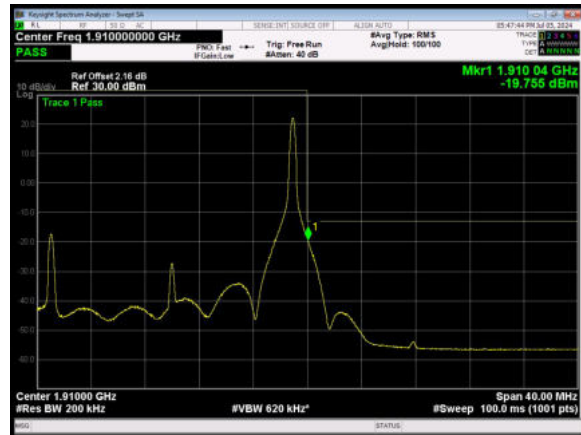
LTE Band 2 15MHz QPSK 100%RB CH-High



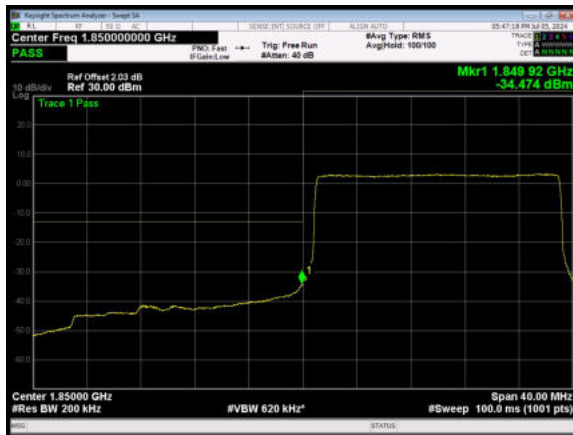
LTE Band 2 20MHz QPSK 1RB CH-Low



LTE Band 2 20MHz QPSK 1RB CH-High



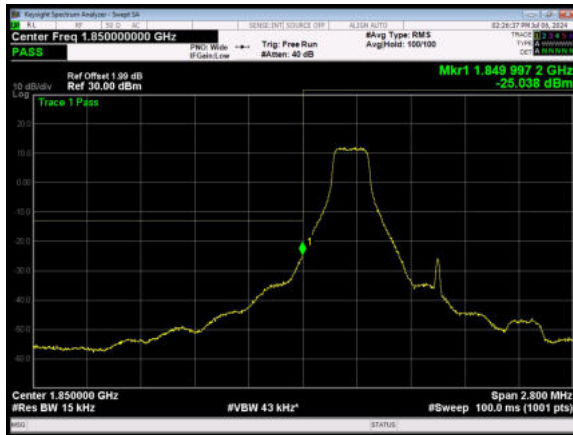
LTE Band 2 20MHz QPSK 100%RB CH-Low



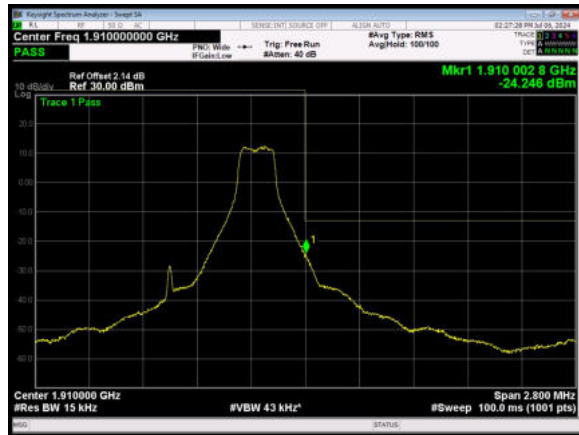
LTE Band 2 20MHz QPSK 100%RB CH-High



LTE Band 2 1.4MHz 16QAM 1RB CH-Low



LTE Band 2 1.4MHz 16QAM 1RB CH-High



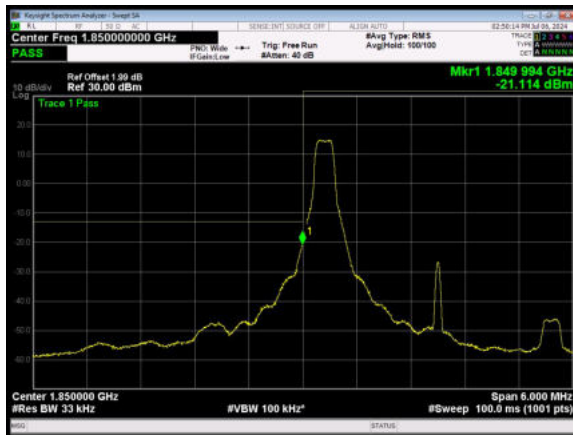
LTE Band 2 1.4MHz 16QAM 100%RB CH-Low



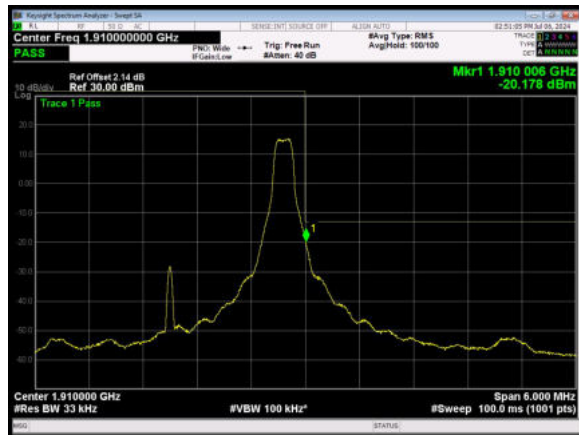
LTE Band 2 1.4MHz 16QAM 100%RB CH-High



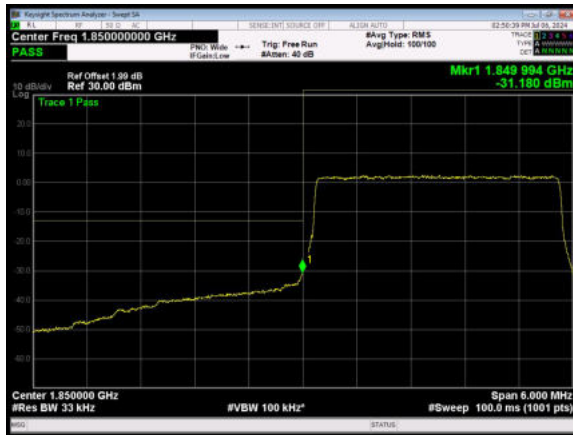
LTE Band 2 3MHz 16QAM 1RB CH-Low



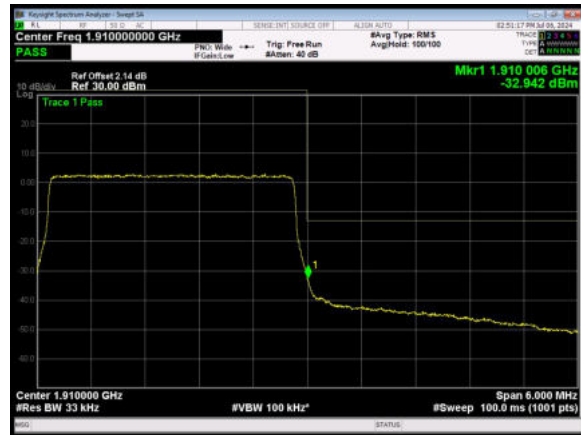
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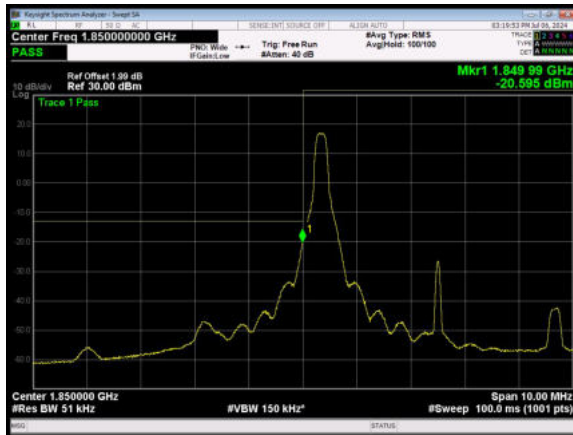
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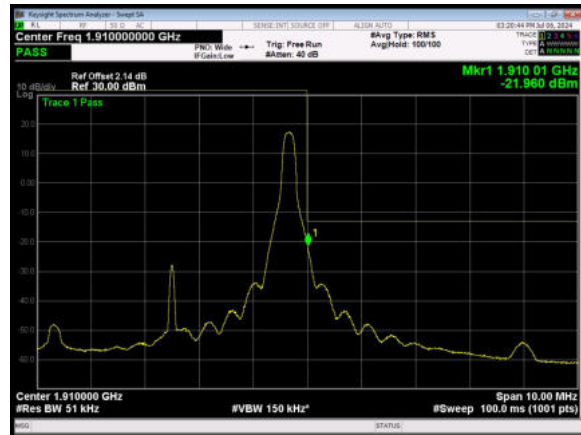
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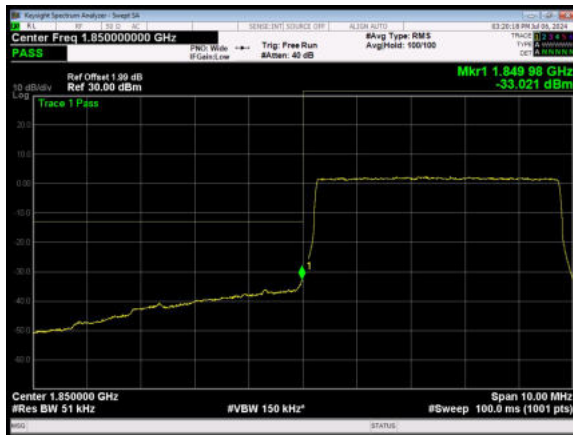
LTE Band 2 5MHz 16QAM 1RB CH-Low



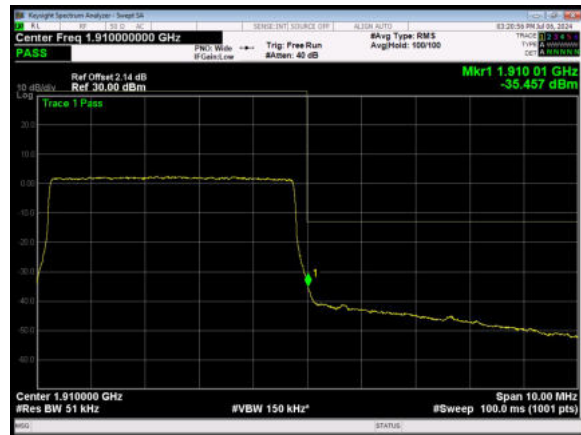
LTE Band 2 5MHz 16QAM 1RB CH-High



LTE Band 2 5MHz 16QAM 100%RB CH-Low



LTE Band 2 5MHz 16QAM 100%RB CH-High



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

LTE Band 2						
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	18607	1850.7	5.88	≤13	PASS
		18900	1880.0	5.83	≤13	PASS
		19193	1909.3	5.62	≤13	PASS
	3	18615	1851.5	5.75	≤13	PASS
		18900	1880	5.85	≤13	PASS
		19185	1908.5	5.75	≤13	PASS
	5	18625	1852.5	5.85	≤13	PASS
		18900	1880	5.80	≤13	PASS
		19175	1907.5	5.60	≤13	PASS
	10	18650	1855	5.78	≤13	PASS
		18900	1880	5.70	≤13	PASS
		19150	1905	5.57	≤13	PASS
	15	18675	1857.5	6.08	≤13	PASS
		18900	1880	6.03	≤13	PASS
		19125	1902.5	5.98	≤13	PASS
	20	18700	1860	5.75	≤13	PASS
		18900	1880	5.74	≤13	PASS
		19100	1900	5.70	≤13	PASS
16QAM	1.4	18607	1850.7	6.46	≤13	PASS
		18900	1880.0	6.64	≤13	PASS
		19193	1909.3	6.50	≤13	PASS
	3	18615	1851.5	6.50	≤13	PASS
		18900	1880	6.62	≤13	PASS
		19185	1908.5	6.53	≤13	PASS
	5	18625	1852.5	6.54	≤13	PASS
		18900	1880	6.39	≤13	PASS
		19175	1907.5	6.33	≤13	PASS

6.5.Frequency Stability

LTE Band 2						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	1.4MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	5.62	4.10	0.00299	0.00218	
Extreme (50℃)		13.93	15.56	0.00741	0.00828	PASS
Extreme (40℃)		5.17	10.10	0.00275	0.00537	PASS
Extreme (30℃)		11.49	7.18	0.00611	0.00382	PASS
Extreme (20℃)		5.23	6.82	0.00278	0.00363	PASS
Extreme (10℃)		10.78	8.67	0.00573	0.00461	PASS
Extreme (0℃)		8.27	13.38	0.00440	0.00712	PASS
Extreme (-10℃)		6.07	16.89	0.00323	0.00898	PASS
Extreme (-20℃)		9.03	14.29	0.00480	0.00760	PASS
Extreme (-30℃)		10.16	14.93	0.00540	0.00794	PASS
25℃	LV	10.30	7.88	0.00548	0.00419	PASS
	HV	8.20	3.20	0.00436	0.00170	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	3MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	2.98	4.30	0.00159	0.00229	
Extreme (50℃)		8.53	8.03	0.00454	0.00427	PASS
Extreme (40℃)		15.66	2.62	0.00833	0.00140	PASS
Extreme (30℃)		16.78	1.57	0.00893	0.00084	PASS
Extreme (20℃)		9.81	2.49	0.00522	0.00133	PASS
Extreme (10℃)		5.69	17.90	0.00303	0.00952	PASS
Extreme (0℃)		11.05	8.39	0.00588	0.00446	PASS
Extreme (-10℃)		14.56	14.17	0.00774	0.00754	PASS
Extreme (-20℃)		10.92	11.30	0.00581	0.00601	PASS
Extreme (-30℃)		1.55	7.32	0.00083	0.00390	PASS
25℃	LV	1.11	17.29	0.00059	0.00919	PASS
	HV	9.78	14.65	0.00520	0.00779	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	6.02	4.97	0.00320	0.00264	

Extreme (50℃)		6.65	1.43	0.00354	0.00076	PASS
Extreme (40℃)		3.80	14.53	0.00202	0.00773	PASS
Extreme (30℃)		14.01	17.38	0.00745	0.00924	PASS
Extreme (20℃)		17.75	9.82	0.00944	0.00522	PASS
Extreme (10℃)		1.18	5.05	0.00063	0.00268	PASS
Extreme (0℃)		7.85	8.69	0.00417	0.00462	PASS
Extreme (-10℃)		13.10	1.29	0.00697	0.00069	PASS
Extreme (-20℃)		14.16	6.05	0.00753	0.00322	PASS
Extreme (-30℃)		4.37	1.48	0.00233	0.00079	PASS
25℃	LV	11.01	16.71	0.00586	0.00889	PASS
	HV	3.36	10.43	0.00179	0.00555	PASS
Condition		Freq.Error (Hz)		Frequency Stability (ppm)		Verdict
BANDWIDTH	10MHz					
Temperature	Voltage	QPSK		QPSK		
Normal (25℃)	Normal	11.01		0.00586		PASS
Extreme (50℃)		3.08		0.00164		PASS
Extreme (40℃)		12.06		0.00642		PASS
Extreme (30℃)		8.12		0.00432		PASS
Extreme (20℃)		5.91		0.00315		PASS
Extreme (10℃)		13.49		0.00718		PASS
Extreme (0℃)		1.05		0.00056		PASS
Extreme (-10℃)		3.88		0.00206		PASS
Extreme (-20℃)		12.28		0.00653		PASS
Extreme (-30℃)	13.65		0.00726		PASS	
25℃	LV	17.22		0.00916		PASS
	HV	11.02		0.00586		PASS
Condition		Freq.Error (Hz)		Frequency Stability (ppm)		Verdict
BANDWIDTH	15MHz					
Temperature	Voltage	QPSK		QPSK		
Normal (25℃)	Normal	16.21		0.00862		PASS
Extreme (50℃)		11.81		0.00628		PASS
Extreme (40℃)		17.14		0.00912		PASS
Extreme (30℃)		7.53		0.00400		PASS
Extreme (20℃)		12.96		0.00690		PASS
Extreme (10℃)		3.54		0.00188		PASS
Extreme (0℃)		1.11		0.00059		PASS
Extreme (-10℃)		9.57		0.00509		PASS
Extreme (-20℃)		10.12		0.00538		PASS
Extreme (-30℃)	16.19		0.00861		PASS	

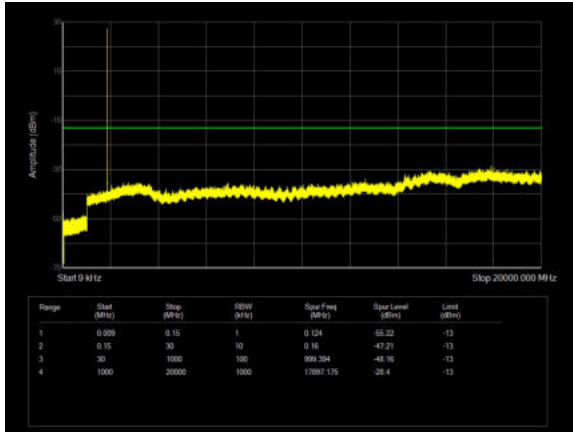
25℃	LV	3.87	0.00206	PASS
	HV	2.94	0.00156	PASS
Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
BANDWIDTH	20MHz			
Temperature	Voltage	QPSK	QPSK	
Normal (25℃)	Normal	7.11	0.00378	PASS
Extreme (50℃)		8.45	0.00450	PASS
Extreme (40℃)		13.88	0.00738	PASS
Extreme (30℃)		14.90	0.00793	PASS
Extreme (20℃)		7.13	0.00379	PASS
Extreme (10℃)		9.80	0.00521	PASS
Extreme (0℃)		15.68	0.00834	PASS
Extreme (-10℃)		7.68	0.00409	PASS
Extreme (-20℃)		8.76	0.00466	PASS
Extreme (-30℃)		8.20	0.00436	PASS
25℃	LV	15.15	0.00806	PASS
	HV	11.17	0.00594	PASS

6.6. Spurious Emissions at Antenna Terminals

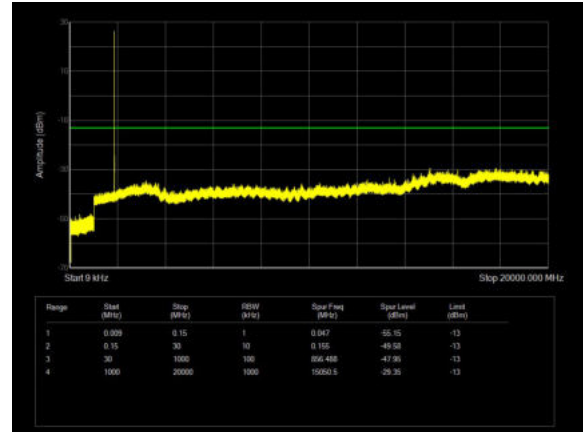
Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.

The signal beyond the limit is carrier.

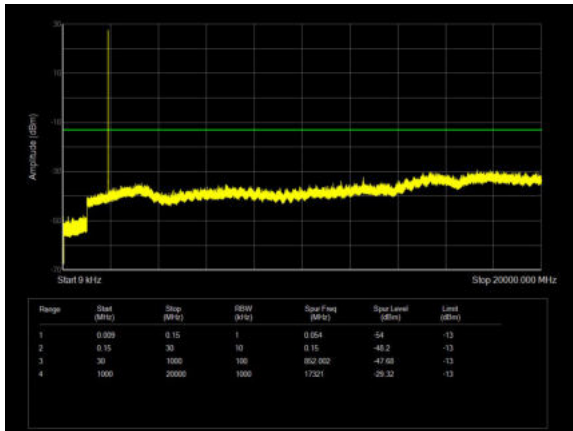
LTE Band 2 1.4MHz CH-Low 9kHz~20GHz



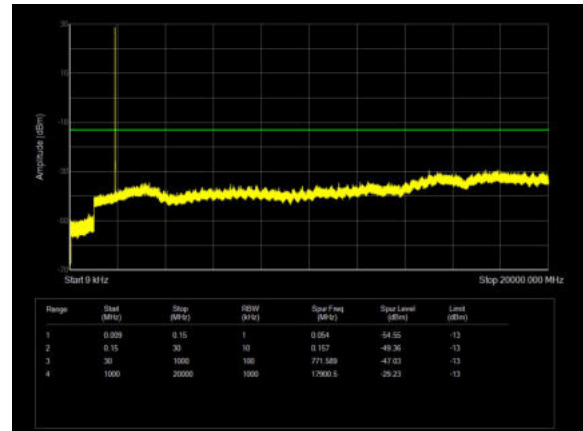
LTE Band 2 3MHz CH-Low 9kHz~20GHz



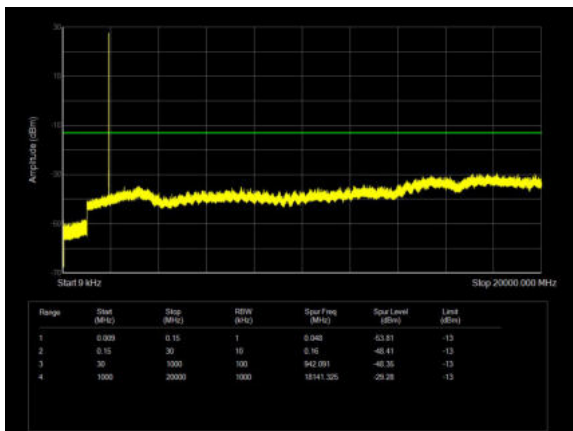
LTE Band 2 1.4MHz CH-Middle 9kHz~20GHz



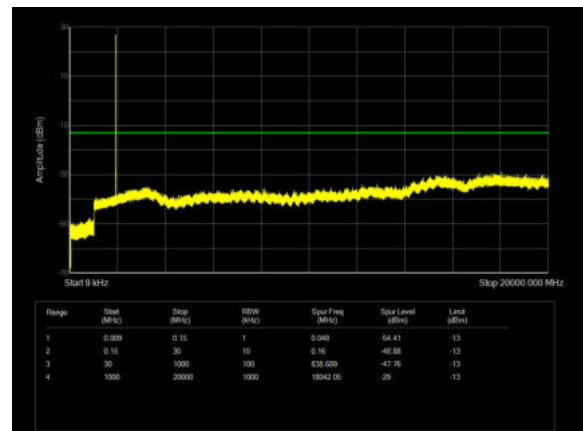
LTE Band 2 3MHz CH-Middle 9kHz~20GHz



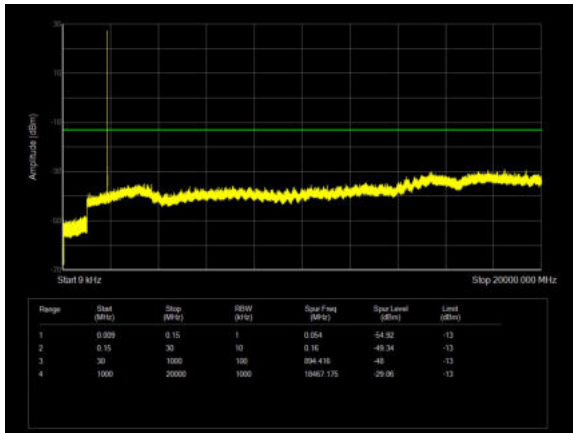
LTE Band 2 1.4MHz CH-High 9kHz~20GHz



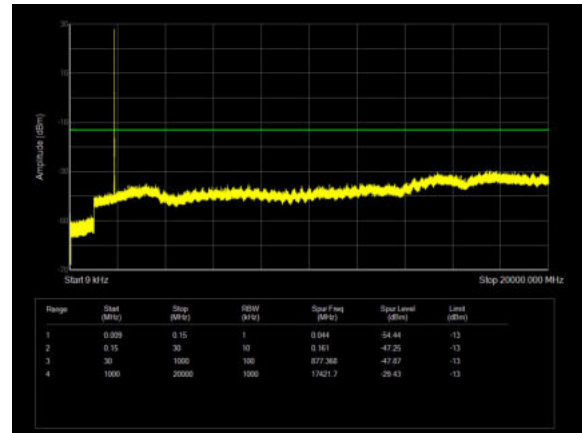
LTE Band 2 3MHz CH-High 9kHz~20GHz



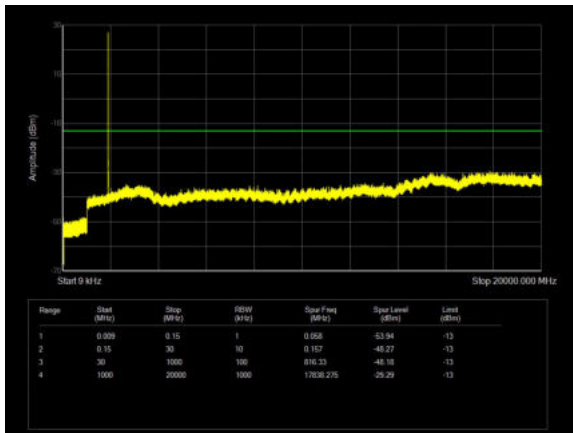
LTE Band 2 5MHz CH-Low 9kHz~20GHz



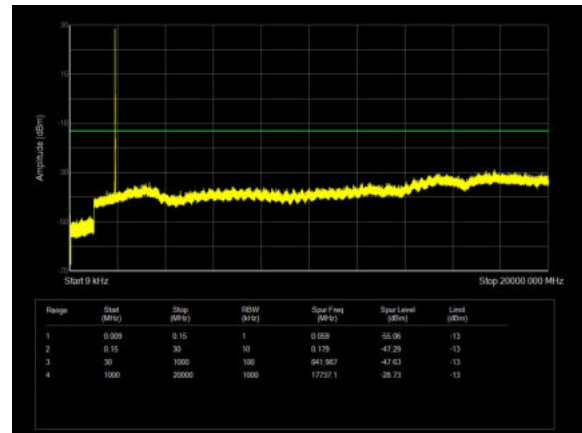
LTE Band 2 10MHz CH-Low 9kHz~20GHz



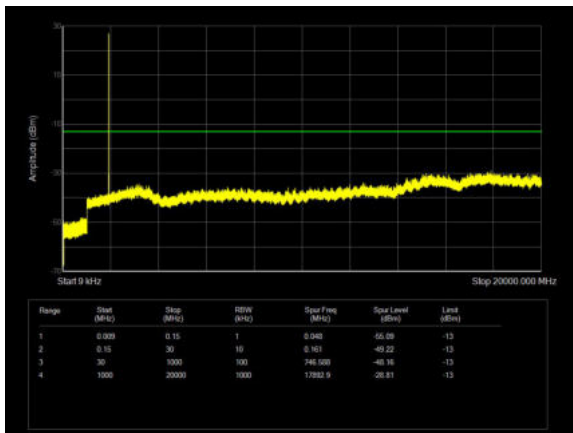
LTE Band 2 5MHz CH-Middle 9kHz~20GHz



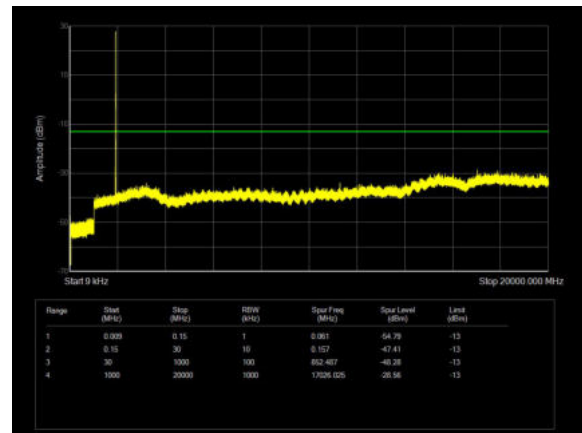
LTE Band 2 10MHz CH-Middle 9kHz~20GHz



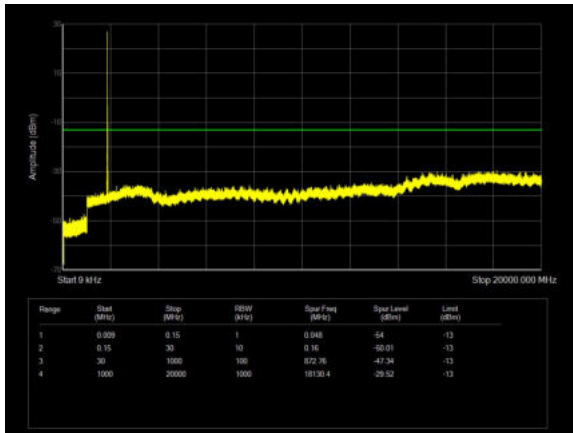
LTE Band 2 5MHz CH-High 9kHz~20GHz



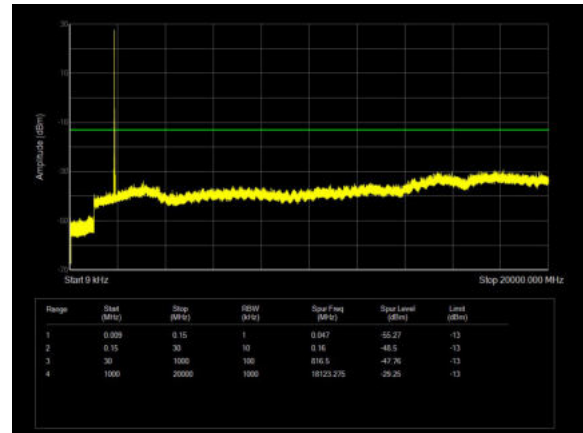
LTE Band 2 10MHz CH-High 9kHz~20GHz



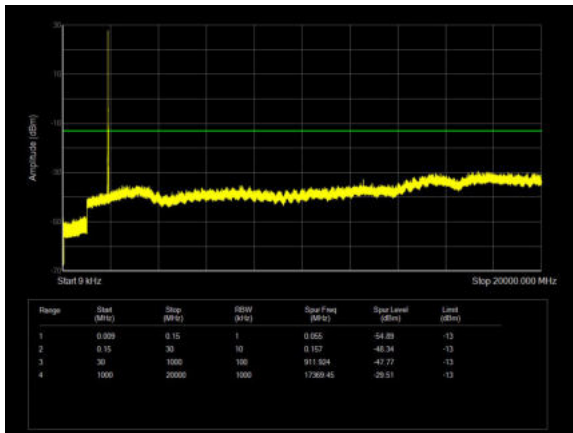
LTE Band 2 15MHz CH-Low 9kHz~20GHz



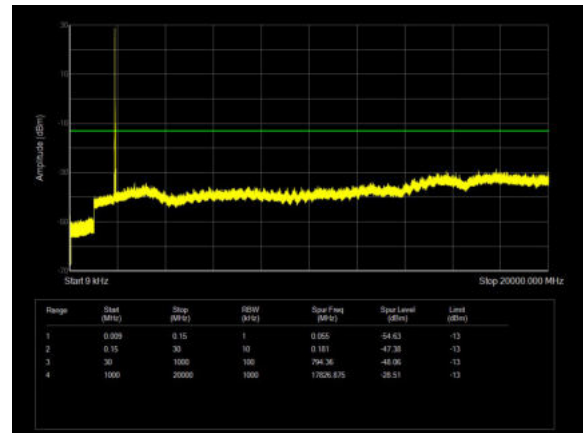
LTE Band 2 20MHz CH-Low 9kHz~20GHz



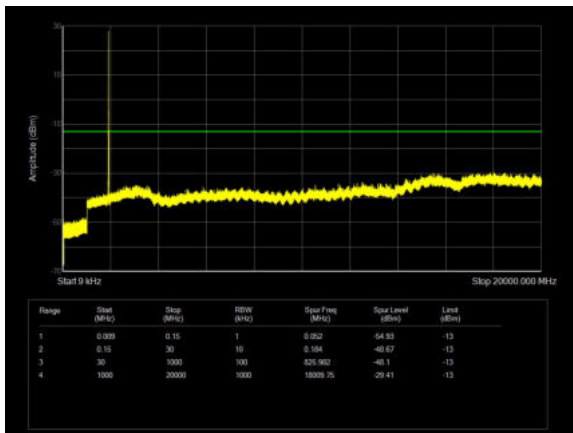
LTE Band 2 15MHz CH-Middle 9kHz~20GHz



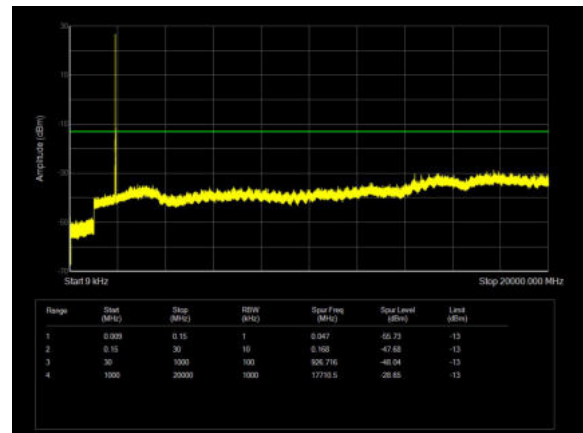
LTE Band 2 20MHz CH-Middle 9kHz~20GHz



LTE Band 2 15MHz CH-High 9kHz~20GHz



LTE Band 2 20MHz CH-High 9kHz~20GHz



6.7.Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

LTE Band 2 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.60	-57.20	2.60	12.50	Vertical	-47.30	-13.00	34.30	65
3	5633.70	-57.93	3.30	12.50	Vertical	-48.73	-13.00	35.73	38
4	7510.00	-58.91	4.20	12.20	Vertical	-50.91	-13.00	37.91	38
5	9387.50	-56.87	4.30	11.10	Vertical	-50.07	-13.00	37.07	281
6	11265.00	-53.53	5.90	11.90	Vertical	-47.53	-13.00	34.53	92
7	13142.50	-55.28	5.70	14.00	Vertical	-46.98	-13.00	33.98	82
8	15020.00	-55.96	5.80	13.10	Vertical	-48.66	-13.00	35.66	153
9	16897.50	-55.82	6.10	14.60	Vertical	-47.32	-13.00	34.32	25
10	18775.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

LTE Band 2 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3759.10	-56.05	2.60	12.50	Vertical	-46.15	-13.00	33.15	72
3	5638.60	-57.03	3.30	12.50	Vertical	-47.83	-13.00	34.83	265
4	7517.20	-59.51	4.20	12.20	Vertical	-51.51	-13.00	38.51	58
5	9396.50	-57.26	4.30	11.10	Vertical	-50.46	-13.00	37.46	95
6	11275.80	-53.99	5.90	11.90	Vertical	-47.99	-13.00	34.99	158
7	13155.10	-55.83	5.70	14.00	Vertical	-47.53	-13.00	34.53	39
8	15034.40	-55.72	5.80	13.10	Vertical	-48.42	-13.00	35.42	15
9	16913.70	-58.17	6.10	14.60	Vertical	-49.67	-13.00	36.67	28
10	18793.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

LTE Band 2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3742.20	-58.37	2.60	12.50	Vertical	-48.47	-13.00	35.47	92
3	5613.50	-51.78	3.30	12.50	Vertical	-42.58	-13.00	29.58	99
4	7480.00	-59.01	4.20	12.20	Vertical	-51.01	-13.00	38.01	65
5	9350.00	-56.07	4.30	11.10	Vertical	-49.27	-13.00	36.27	175
6	11220.00	-54.29	5.90	11.90	Vertical	-48.29	-13.00	35.29	29
7	13090.00	-55.12	5.70	14.00	Vertical	-46.82	-13.00	33.82	68
8	14960.00	-53.49	5.80	13.10	Vertical	-46.19	-13.00	33.19	258
9	16830.00	-55.41	6.10	14.60	Vertical	-46.91	-13.00	33.91	259
10	18700.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Climate Chamber	WEISS	VT 4002	58226119450 010	2024-05-07	2025-05-06
Wireless Communication Tester	R&S	CMW500	150415	2024-05-07	2025-05-06
Spectrum Analyzer	Keysight	N9020A	MY50510203	2024-05-07	2025-05-06
DC Power Supply	UNI-T	UTP1310+	C220795889	2024-05-08	2025-05-07
Radiated Spurious Emission					
Spectrum Analyzer	R&S	FSV30	100815	2023-12-05	2024-12-04
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2022-09-29	2025-09-28
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1439	2024-07-06	2027-07-05
Horn Antenna	SCHWARZBECK	BBHA 9120D	1594	2023-12-05	2026-12-04
Horn Antenna	SCHWARZBECK	BBHA 9120D	01799	2022-09-01	2025-08-31
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

***** END OF REPORT *****