



RF TEST REPORT

Applicant	MobiWire SAS
FCC ID	QPN-H6511
Product	4G Smart Phone
Brand	MobiWire; MobiWire; Vodafone
Model	MobiWire H6511; MBW Vodafone Smart T23; Vodafone Pro 4G
Report No.	R2209A0850-R1
Issue Date	November 23, 2022

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2021)/ FCC CFR 47 Part 22H (2021)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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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 17, 2022 ~ November 14, 2022

Date of Sample Received: September 15, 2022

Note: PASS: The EUT complies with the essential requirements in the standard.

FAIL: The EUT does not comply with the essential requirements in the standard.

All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.



1. Test Laboratory

1.1. Notes of the Test Report

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

1.2. Test facility

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

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

A2LA (Certificate Number: 3857.01)

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

1.3. Testing Location

Company: TA Technology (Shanghai) Co., Ltd.
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E-mail: xukai@ta-shanghai.com

2. General Description of Equipment under Test

2.1. Applicant and Manufacturer Information

Applicant	MobiWire SAS
Applicant address	107 Boulevard de la Mission Marchand, 92400 Courbevoie, France.
Manufacturer	MobiWire SAS
Manufacturer address	107 Boulevard de la Mission Marchand, 92400 Courbevoie, France.

2.2. General Information

EUT Description			
Model	MobiWire H6511; MBW Vodafone Smart T23; Vodafone Pro 4G		
IMEI	356662530000204		
Hardware Version	V00		
Software Version	MobiWire_H6511M_V01		
Power Supply	Battery / AC adapter		
Antenna Type	GSM: Internal Antenna LTE: Fixed Internal Antenna		
Antenna Gain	Band	Frequency(MHz)	Gain (dBi)
	GSM850 & LTE Band 5	820	-2.30
		830	-2.00
		840	-2.43
		850	-2.90
Test Mode(s)	GSM 850; LTE Band 5;		
Test Modulation	(GSM/GPRS)GMSK, (EGPRS) GMSK/ 8PSK; (LTE) QPSK, 16QAM,		
GPRS Multislot Class	12		
EGPRS Multislot Class	12		
LTE Category	4		
Maximum E.R.P.	GSM 850:	28.72 dBm	
	LTE Band 5:	16.01 dBm	
Rated Power Supply Voltage	3.8V		
Operating Voltage	Minimum: 3.6V Maximum: 4.35V		
Operating Temperature	Lowest: -10°C Highest: +55°C		
Testing Temperature	Lowest: -30°C Highest: +50°C		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	GSM850	824 ~ 849	869 ~ 894
	LTE Band 5	824 ~ 849	869 ~ 894
EUT Accessory			
Adapter 1	Manufacturer: Jiangxi Jian Aohai Technology Co., Ltd. Model: A103A-050100U-AU2		



Adapter 2	Manufacturer: Dongguan Aohai Technology Co., Ltd. Model: A18A-050100U-US2
Battery	Manufacturer: Shenzhen Aerospace Electronic Co.,Ltd. Model: 178249224
Earphone	Manufacturer: JIU JIANG JUWEI ELECTRONICS CO.,LTD Model: JWEP0957-M01R
USB Cable	Manufacturer: SHENZHENFKY-QYHARDWARE ELECTRONIC CO.,LTD Model: AM/MICRO5P
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant. 2. There is more than one Adapter, each one should be applied throughout the compliance test respectively, and however, only the worst case (Adapter 2) will be recorded in this report.	

Item	Configure 1	Configure 2
Components on PCB changes	/	add second flash
LCD changes	/	add second flash
Others	The same	The same
Note: Customer declaration, two configures is the same, except for flash. There are more than one Configure, each one should be applied throughout the compliance test respectively, and however, only the worst case (Configure 1) will be recorded in this report.		

Three models: MobiWire H6511; Vodafone Pro 4G; MBW Vodafone Smart T23

The difference:

Vodafone Pro 4G; MBW Vodafone Smart T23:

1: Battery cover silkscreen logo is different.

MobiWire H6511 is same as Vodafone Pro 4G, no difference. And only the data for MobiWire H6511 is recorded in this report.



3. Applied Standards

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

Test standards:

FCC CFR 47 Part 22H (2021)

FCC CFR47 Part 2 (2021)

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 (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (X axis, horizontal polarization for LTE Band; Z axis, vertical polarization for GSM Band; 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/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
RF Power Output and Effective Radiated power	GSM GPRS EGPRS
Occupied Bandwidth	GSM GPRS(1Tx slot) EGPRS(1Tx slot)
Band Edge Compliance	GSM GPRS(1Tx slot) EGPRS(1Tx slot)
Peak-to-Average Power Ratio	GSM GPRS(1Tx slot) EGPRS(1Tx slot)
Frequency Stability	GSM GPRS(1Tx slot) EGPRS(1Tx slot)
Spurious Emissions at Antenna Terminals	GSM
Radiated Spurious Emission	GSM

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

Test items	Bandwidth (MHz)				Modulation		RB			Test Channel		
	1.4	3	5	10	QPSK	16QAM	1	50%	100%	L	M	H
RF power output and Effective Radiated power	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	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
Frequency Stability	O	O	O	O	O	O	O	-	-	-	O	-
Spurious Emissions at Antenna Terminals	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 Radiated Power

Ambient condition

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

Methods of Measurement

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

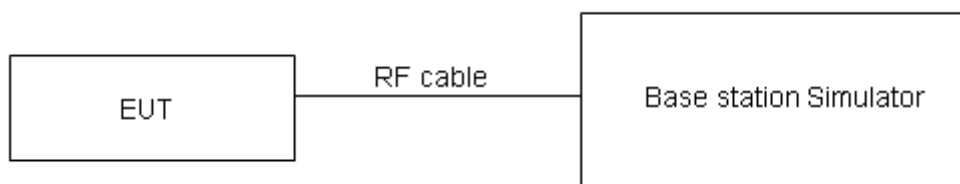
ERP can then be calculated as follows:

EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

where:dBd refers to gain relative to an ideal dipole.

EIRP (dBm) = ERP (dBm) + 2.15 (dB).

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 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

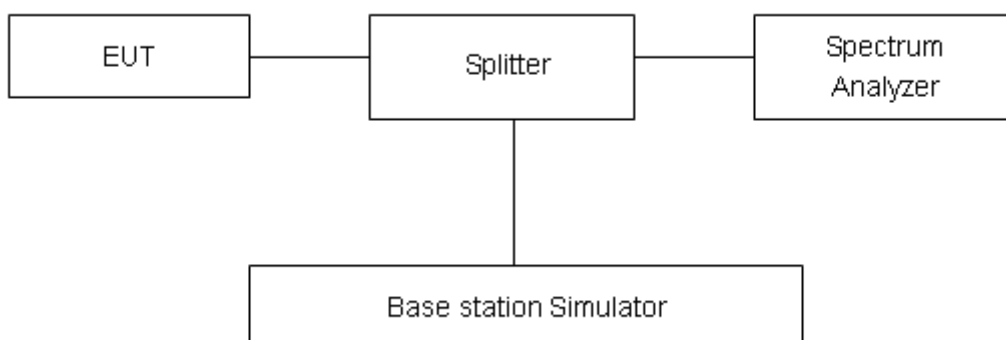
Method of Measurement

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

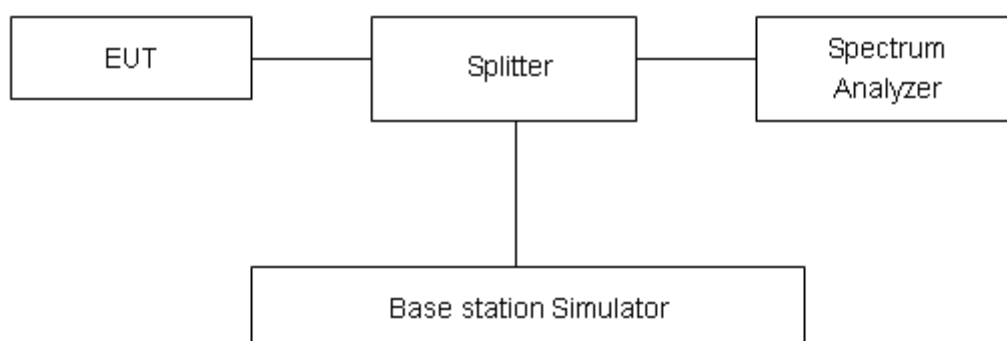
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

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 $k = 1.96$, $U=0.684dB$.

Test Results

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

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

Ambient condition

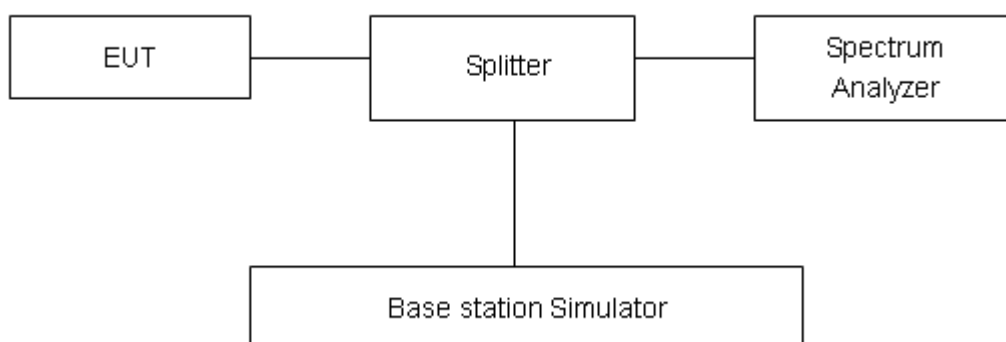
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

Measure the total peak power and record as 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.

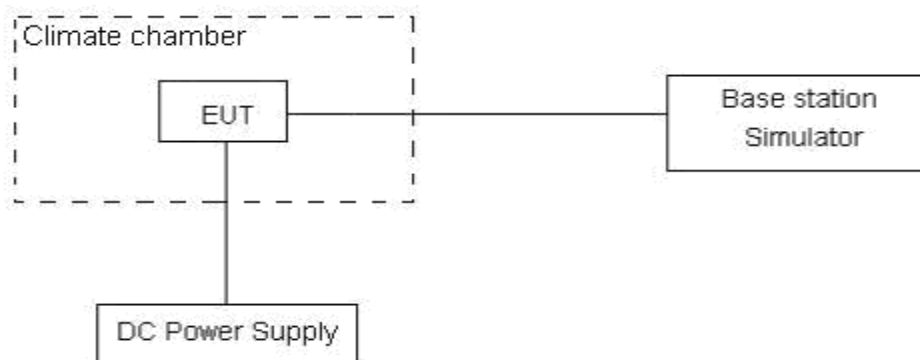
(3) Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements. Frequency Stability (Voltage Variation)

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 4.35 V, with a nominal voltage of 3.8V.

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 $k = 3$, $U = 0.01\text{ppm}$.



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
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)

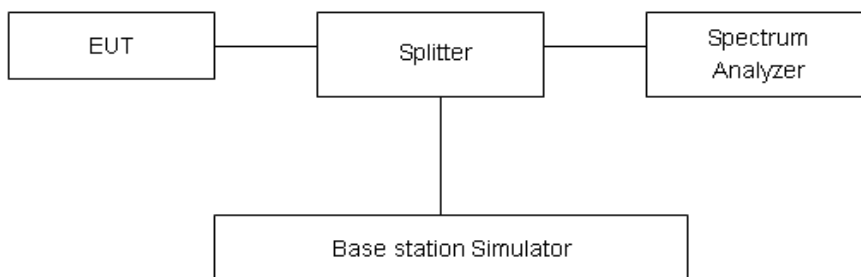
RBW is set to 100 kHz (30MHz~1000 MHz)

RBW is set to 1000 kHz (above 1000MHz)

Sweep is set to ATUO.

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:

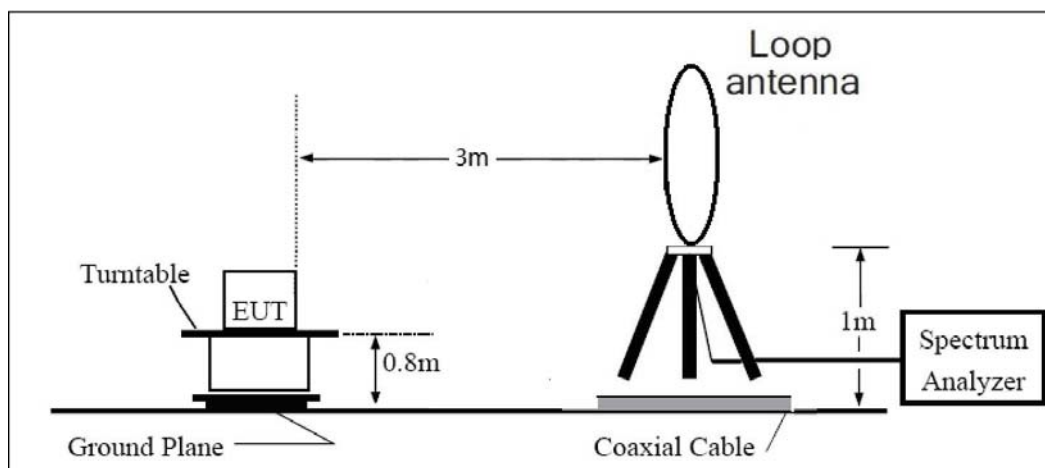
$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP

= EIRP-2.15dB.

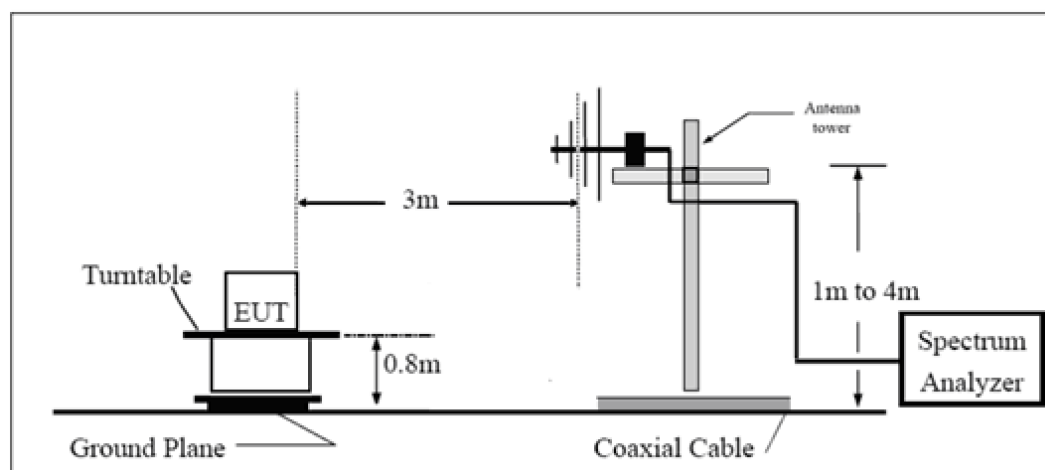
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

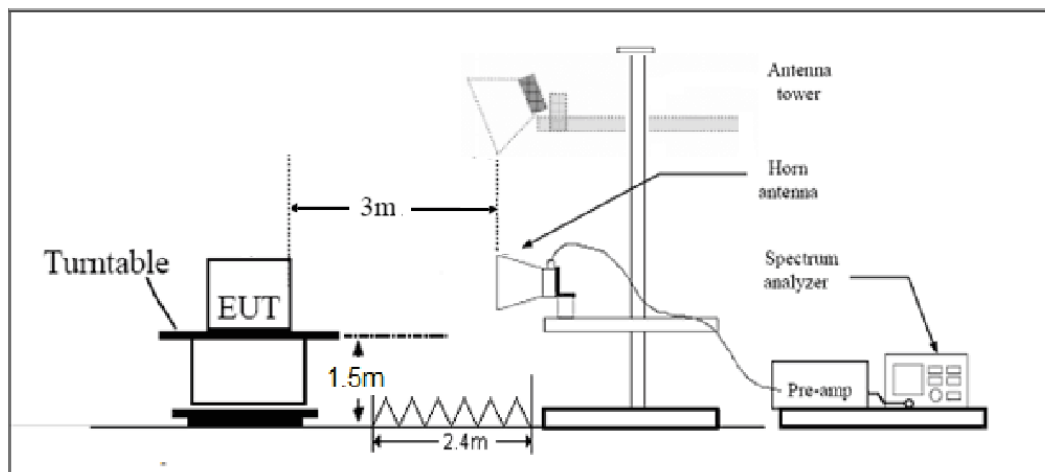
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Limits

Rule Part 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

GSM850		Maximum Output Power (dBm)			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	33.16	33.28	33.25	28.71	28.70	28.20
GPRS/EGPRS (GMSK)	1 Tx Slot	33.16	33.30	33.26	28.71	28.72	28.21
	2 Tx Slots	31.09	31.20	31.19	26.64	26.62	26.14
	3 Tx Slots	29.06	29.15	29.13	24.61	24.57	24.08
	4 Tx Slots	28.07	28.17	28.15	23.62	23.59	23.10
EGPRS (8PSK)	1 Tx Slot	26.64	26.73	26.36	22.19	22.15	21.31
	2 Tx Slots	24.32	24.00	23.44	19.87	19.42	18.39
	3 Tx Slots	21.31	21.45	21.16	16.86	16.87	16.11
	4 Tx Slots	20.15	20.16	19.86	15.70	15.58	14.81

LTE Band 5				Maximum Output Power (dBm)			ERP (dBm)		
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20407/ 824.7	20525/ 836.5	20643/ 848.3	20407/ 824.7	20525/ 836.5	20643/ 848.3
1.4MHz	QPSK	1	0	23.67	23.72	23.68	15.70	15.83	15.82
		1	2	23.87	23.77	23.77	15.90	15.88	15.91
		1	5	23.73	23.69	23.72	15.76	15.80	15.86
		3	0	23.72	23.82	23.78	15.75	15.93	15.92
		3	2	23.73	23.85	23.81	15.76	15.96	15.95
		3	3	23.76	23.73	23.81	15.79	15.84	15.95
		6	0	22.84	22.87	22.91	14.87	14.98	15.05
	16QAM	1	0	22.92	23.05	22.97	14.95	15.16	15.11
		1	2	23.08	23.10	23.09	15.11	15.21	15.23
		1	5	23.01	23.04	22.94	15.04	15.15	15.08
		3	0	22.75	22.79	22.84	14.78	14.90	14.98
		3	2	22.81	22.82	22.81	14.84	14.93	14.95
		3	3	22.82	22.78	22.77	14.85	14.89	14.91
		6	0	21.87	21.90	21.88	13.90	14.01	14.02
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20415/ 825.5	20525/ 836.5	20635/ 847.5	20415/ 825.5	20525/ 836.5	20635/ 847.5
3MHz	QPSK	1	0	23.68	23.75	23.70	15.83	15.86	15.84
		1	7	23.86	23.81	23.82	16.01	15.92	15.96
		1	14	23.75	23.73	23.75	15.90	15.84	15.89
		8	0	22.82	22.94	22.91	14.97	15.05	15.05
		8	4	22.86	22.96	22.92	15.01	15.07	15.06



		8	7	22.86	22.86	22.92	15.01	14.97	15.06
		15	0	22.88	22.92	22.96	15.03	15.03	15.10
	16QAM	1	0	22.96	23.06	22.99	15.11	15.17	15.13
		1	7	23.12	23.12	23.13	15.27	15.23	15.27
		1	14	23.03	23.08	22.96	15.18	15.19	15.10
		8	0	21.87	21.93	21.97	14.02	14.04	14.11
		8	4	21.91	21.94	21.92	14.06	14.05	14.06
		8	7	21.92	21.90	21.90	14.07	14.01	14.04
		15	0	21.91	21.95	21.90	14.06	14.06	14.04
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20425/ 826.5	20525/ 836.5	20625/ 846.5	20425/ 826.5	20525/ 836.5	20625/ 846.5
5MHz	QPSK	1	0	23.67	23.71	23.68	15.82	15.82	15.82
		1	13	23.84	23.80	23.79	15.99	15.91	15.93
		1	24	23.72	23.68	23.71	15.87	15.79	15.85
		12	0	22.80	22.90	22.88	14.95	15.01	15.02
		12	6	22.83	22.91	22.88	14.98	15.02	15.02
		12	13	22.83	22.83	22.88	14.98	14.94	15.02
		25	0	22.86	22.88	22.91	15.01	14.99	15.05
	16QAM	1	0	22.94	23.04	22.97	15.09	15.15	15.11
		1	13	23.10	23.09	23.11	15.25	15.20	15.25
		1	24	23.01	23.04	22.93	15.16	15.15	15.07
		12	0	21.84	21.91	21.94	13.99	14.02	14.08
		12	6	21.88	21.89	21.88	14.03	14.00	14.02
		12	13	21.90	21.86	21.87	14.05	13.97	14.01
		25	0	21.88	21.90	21.86	14.03	14.01	14.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Channel/Frequency(MHz)		
				20450/ 829	20525/ 836.5	20600/ 844	20450/ 829	20525/ 836.5	20600/ 844
10MHz	QPSK	1	0	23.64	23.67	23.65	15.79	15.78	15.76
		1	25	23.83	23.76	23.77	15.98	15.87	15.88
		1	49	23.70	23.67	23.68	15.85	15.78	15.79
		25	0	22.77	22.85	22.84	14.92	14.96	14.95
		25	13	22.81	22.87	22.85	14.96	14.98	14.96
		25	25	22.80	22.78	22.84	14.95	14.89	14.95
		50	0	22.83	22.83	22.87	14.98	14.94	14.98
	16QAM	1	0	22.91	23.00	22.92	15.06	15.11	15.03
		1	25	23.07	23.07	23.07	15.22	15.18	15.18
		1	49	22.98	23.01	22.91	15.13	15.12	15.02
		25	0	21.81	21.87	21.91	13.96	13.98	14.02
		25	13	21.85	21.87	21.85	14.00	13.98	13.96
		25	25	21.87	21.81	21.83	14.02	13.92	13.94
		50	0	21.86	21.86	21.83	14.01	13.97	13.94

6.2. Occupied Bandwidth

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth(MHz)
GSM 850 (GMSK)	128	824.2	0.249	0.316
	190	836.6	0.249	0.309
	251	848.8	0.244	0.316
GPRS 850 (GMSK)	128	824.2	0.248	0.316
	190	836.6	0.242	0.315
	251	848.8	0.249	0.316
EGPRS 850 (8PSK)	128	824.2	0.248	0.318
	190	836.6	0.251	0.319
	251	848.8	0.252	0.313

LTE Band 5						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	20407	824.7	1.106	1.281
			20525	836.5	1.095	1.282
			20643	848.3	1.088	1.288
		3	20415	825.5	2.686	2.898
			20525	836.5	2.704	2.932
			20635	847.5	2.698	2.937
		5	20425	826.5	4.508	4.917
			20525	836.5	4.505	4.881
			20625	846.5	4.500	4.860
		10	20450	829	8.985	9.812
			20525	836.5	8.988	9.756
			20600	844	8.961	9.670
	16QAM	1.4	20407	824.7	1.095	1.280
			20525	836.5	1.100	1.314
			20643	848.3	1.094	1.287
		3	20415	825.5	2.683	2.909
			20525	836.5	2.690	2.929
			20635	847.5	2.686	2.926



		5	20425	826.5	4.512	4.929
			20525	836.5	4.509	4.879
			20625	846.5	4.501	4.912
		10	20450	829	8.989	9.656
			20525	836.5	9.001	9.665
			20600	844	8.997	9.679



GSM 850 CH-Low



GSM 850 GPRS CH-Low



GSM 850 CH-Middle



GSM 850 GPRS CH-Middle



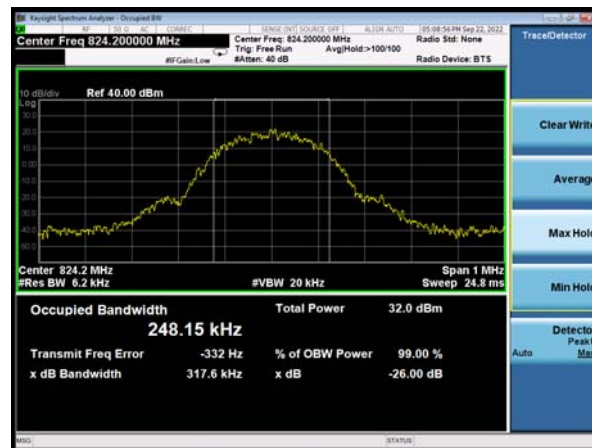
GSM 850 CH-High



GSM 850 GPRS CH-High



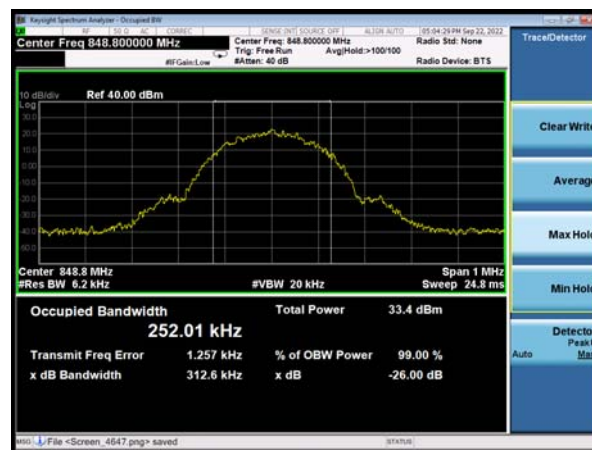
GSM 850 EGPRS CH-Low



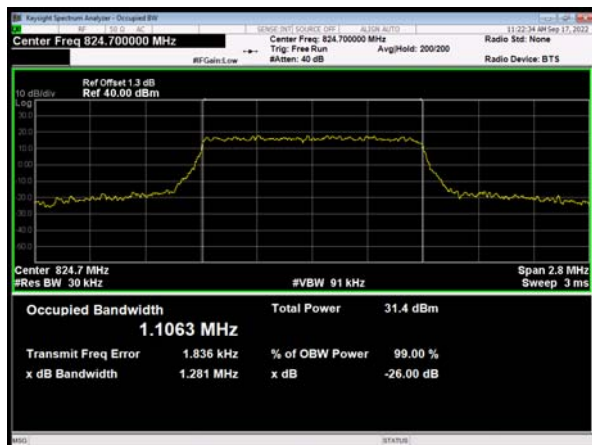
GSM 850 EGPRS CH-Middle



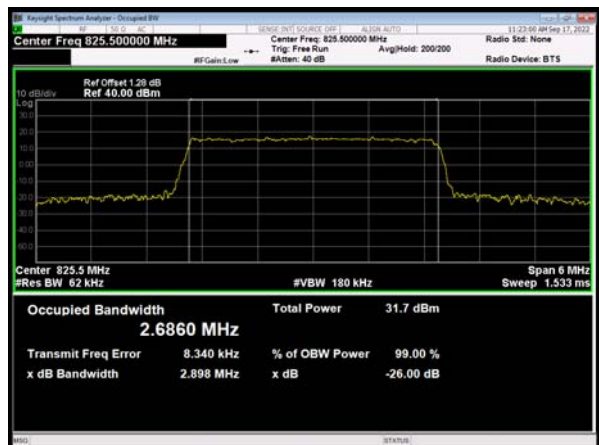
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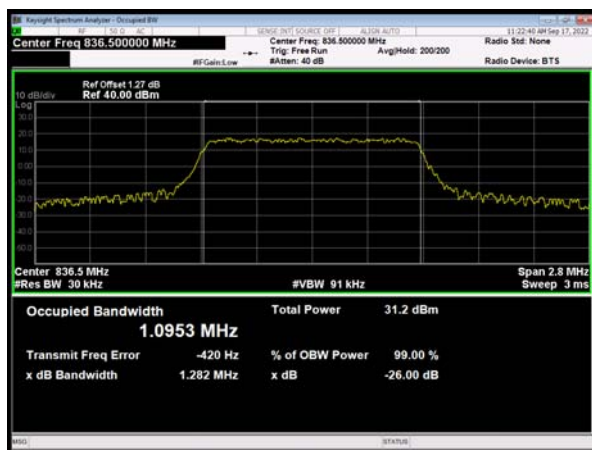
LTE Band 5 QPSK 1.4MHz CH-Low



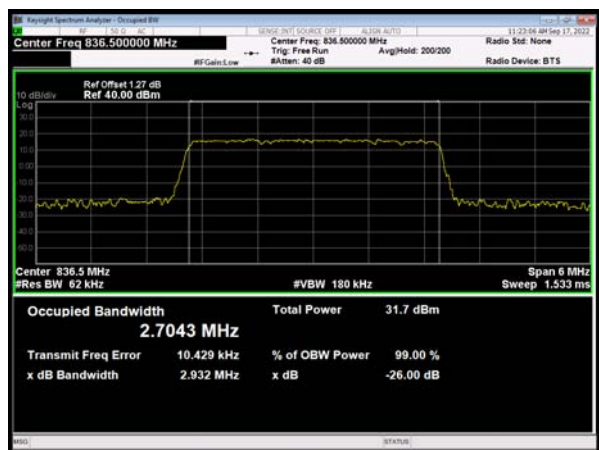
LTE Band 5 QPSK 3MHz CH-Low



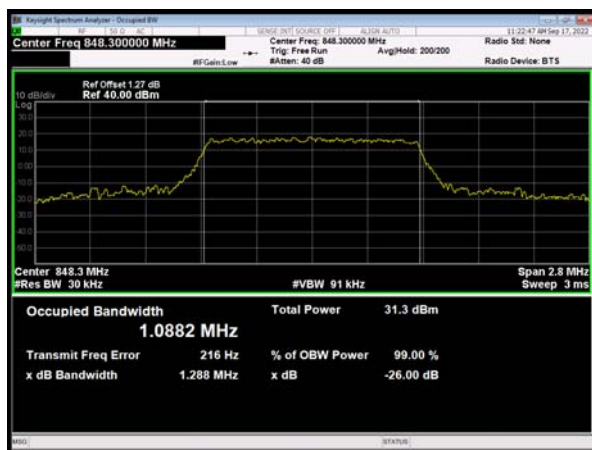
LTE Band 5 QPSK 1.4MHz CH-Middle



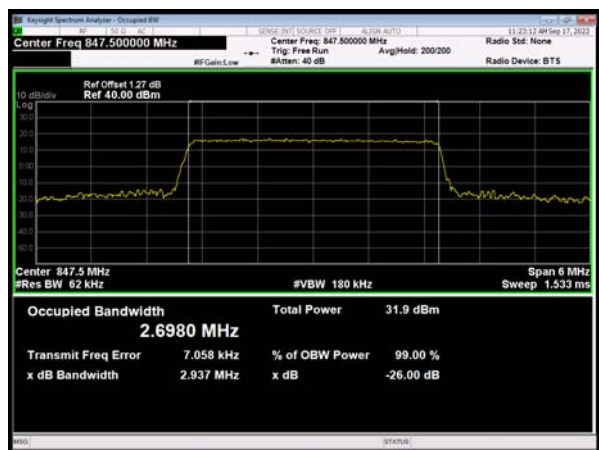
LTE Band 5 QPSK 3MHz CH-Middle



LTE Band 5 QPSK 1.4MHz CH-High

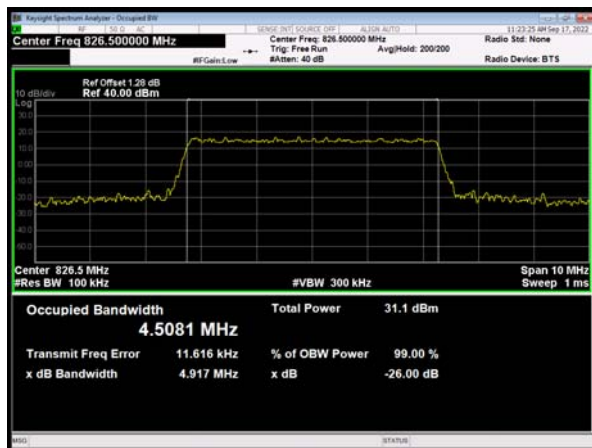


LTE Band 5 QPSK 3MHz CH-High

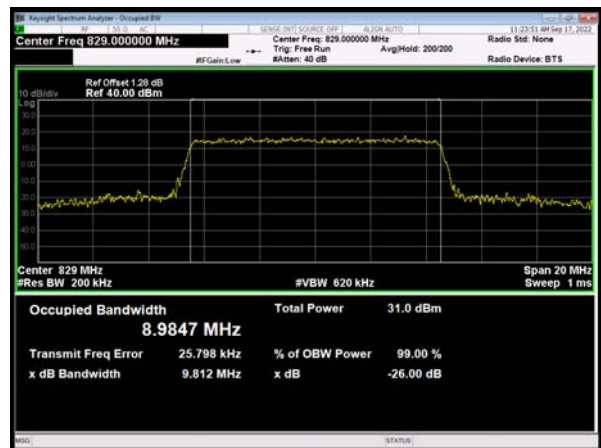




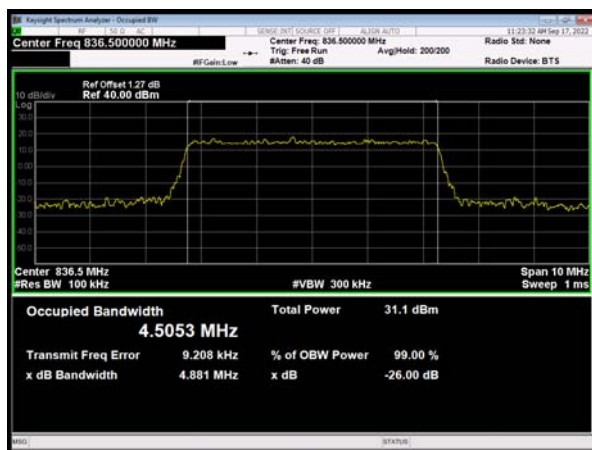
LTE Band 5 QPSK 5MHz CH-Low



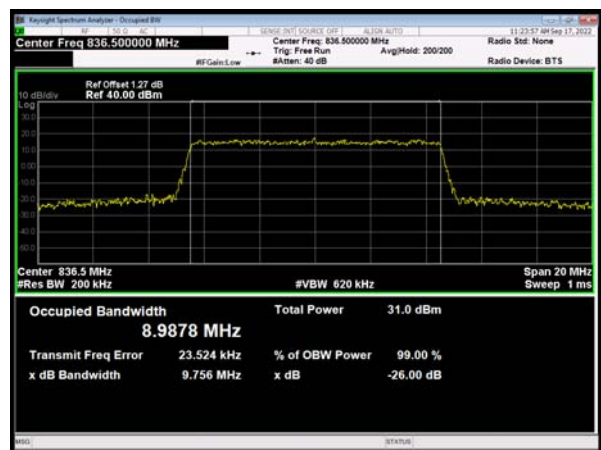
LTE Band 5 QPSK 10MHz CH-Low



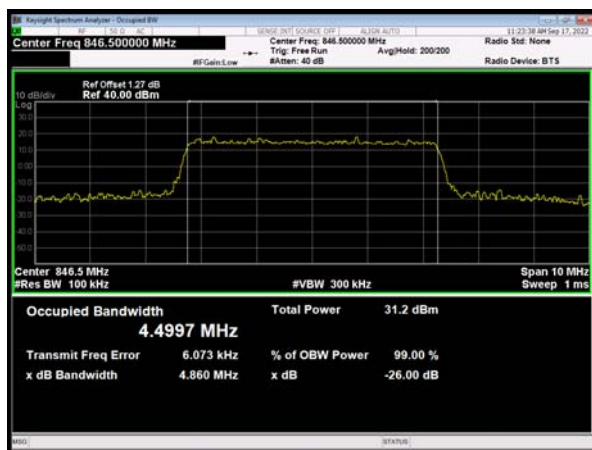
LTE Band 5 QPSK 5MHz CH-Middle



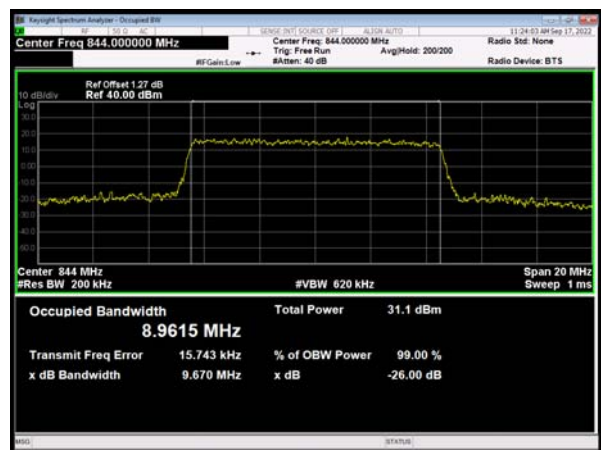
LTE Band 5 QPSK 10MHz CH-Middle



LTE Band 5 QPSK 5MHz CH-High

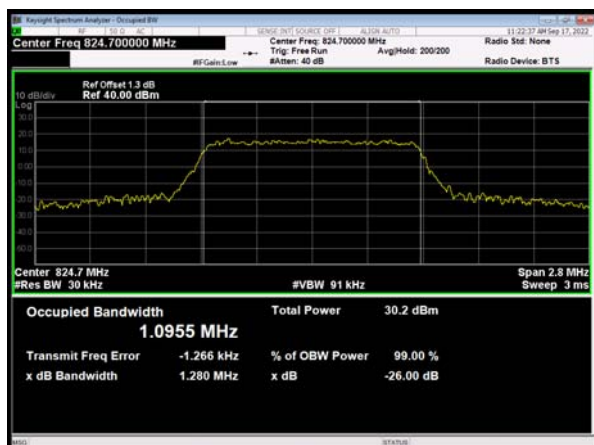


LTE Band 5 QPSK 10MHz CH-High

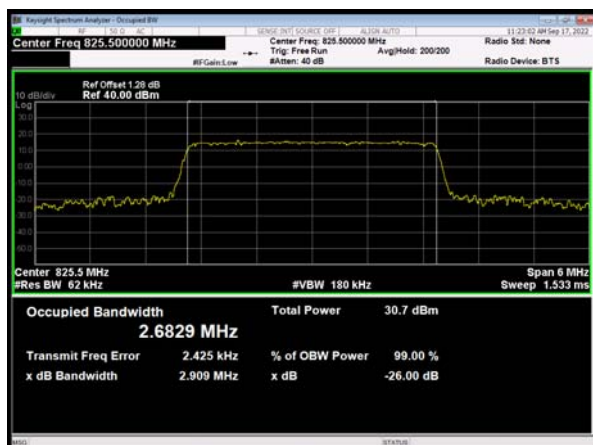




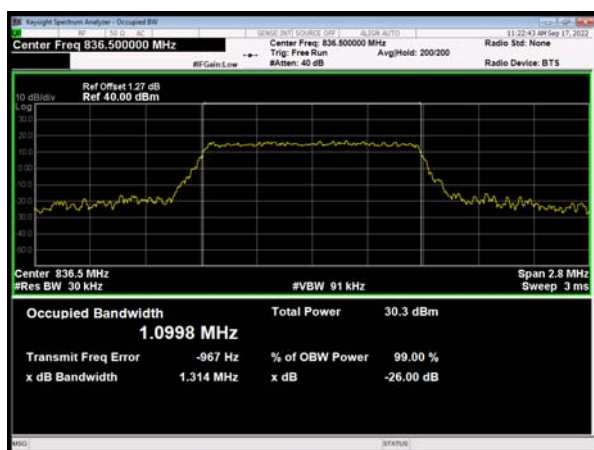
LTE Band 5 16QAM 1.4MHz CH-Low



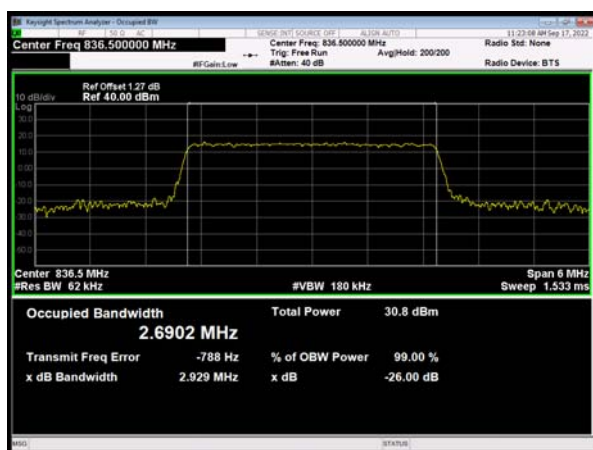
LTE Band 5 16QAM 3MHz CH-Low



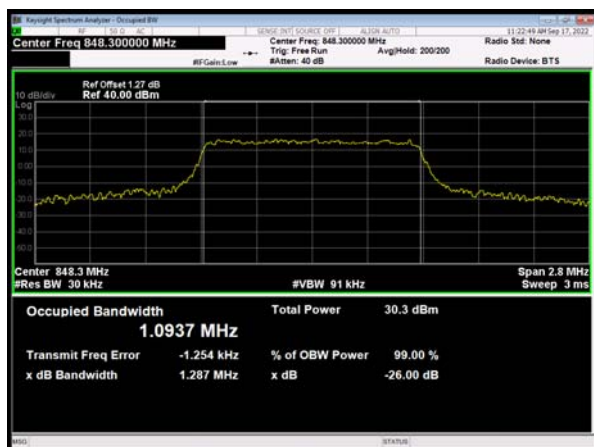
LTE Band 5 16QAM 1.4MHz CH-Middle



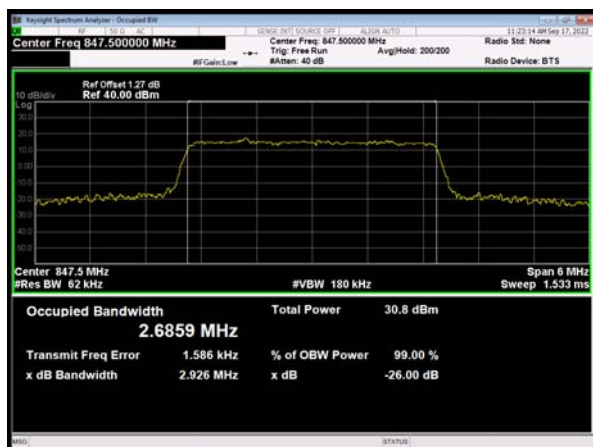
LTE Band 5 16QAM 3MHz CH-Middle



LTE Band 5 16QAM 1.4MHz CH-High

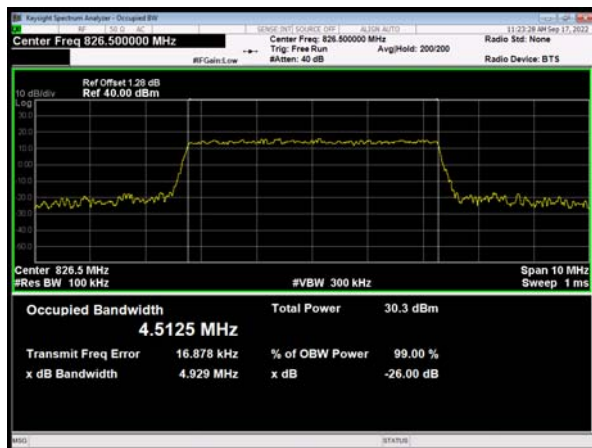


LTE Band 5 16QAM 3MHz CH-High

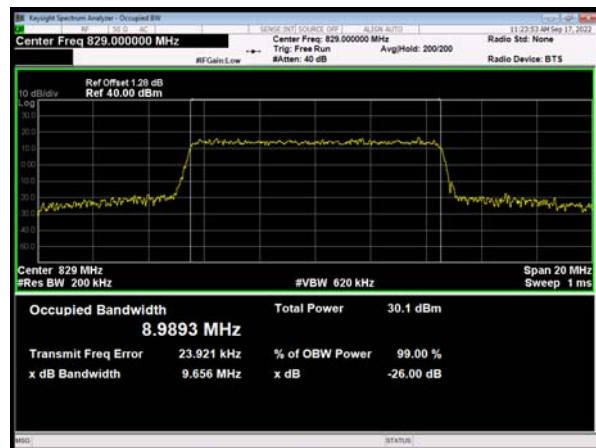




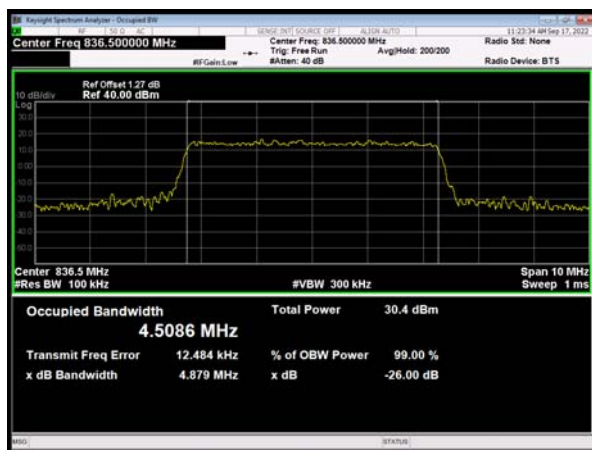
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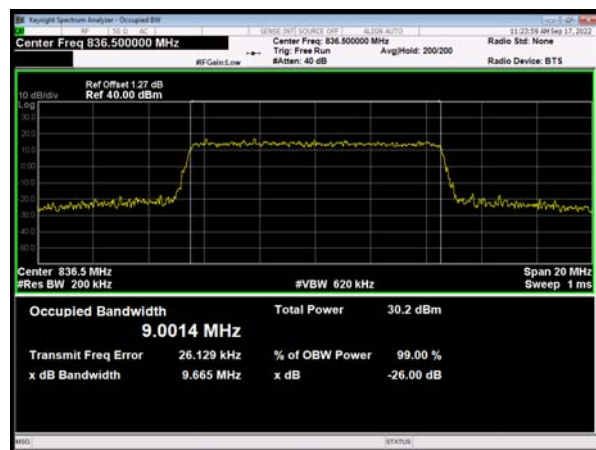
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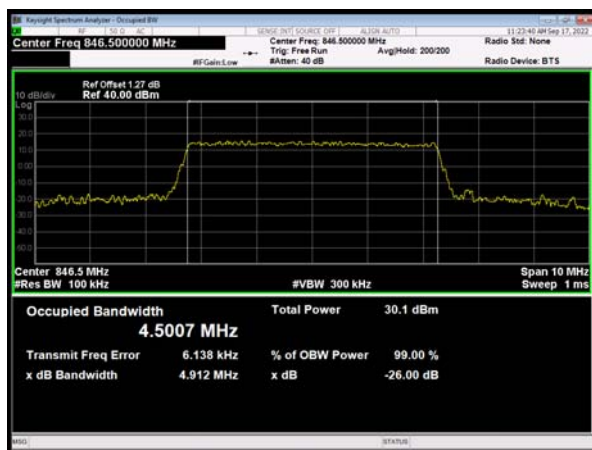
LTE Band 5 16QAM 5MHz CH-Middle



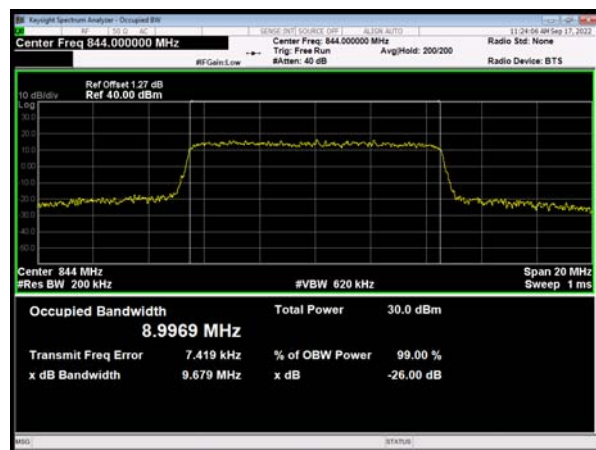
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LTE Band 5 16QAM 5MHz CH-High

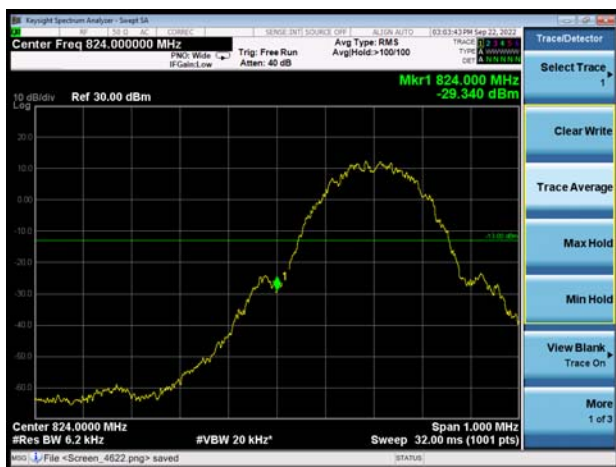


LTE Band 5 16QAM 10MHz CH-High



6.3. Band Edge Compliance

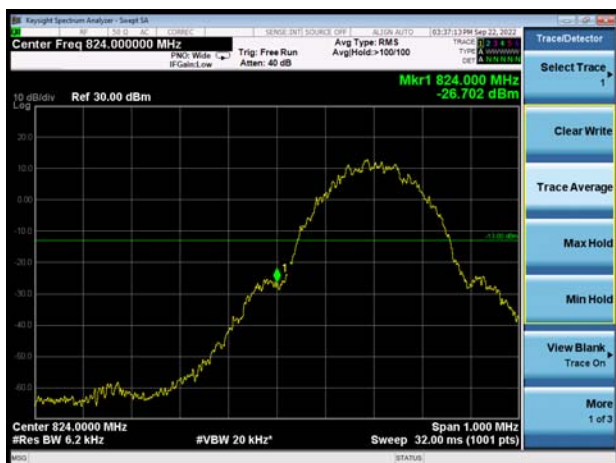
GSM 850 CH-Low



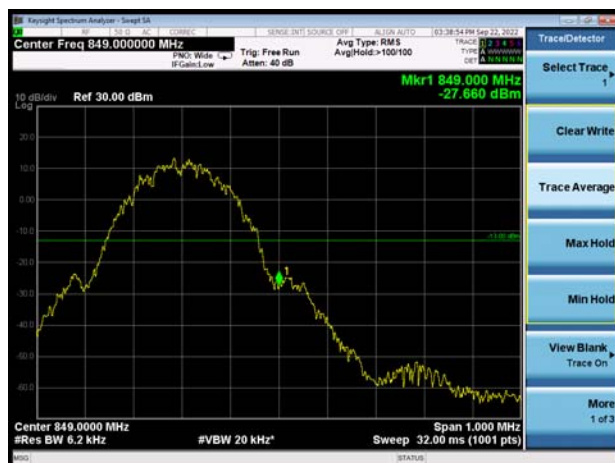
GSM 850 CH-High



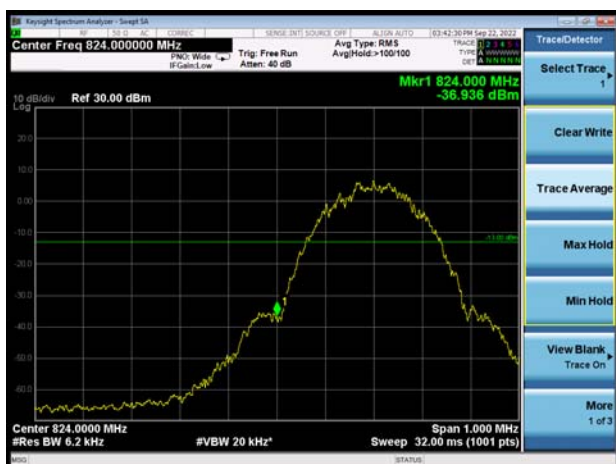
GSM 850 GPRS CH-Low



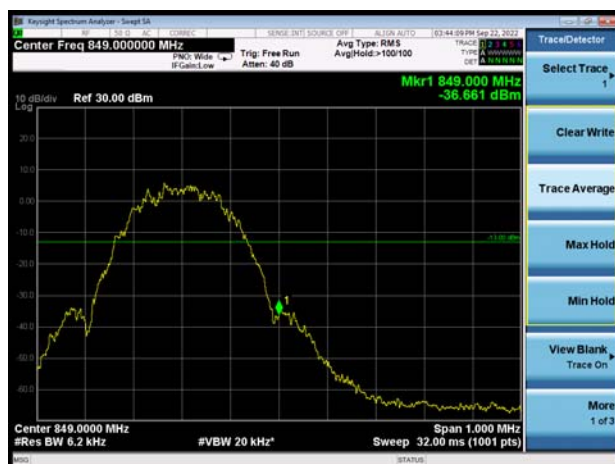
GSM 850 GPRS CH-High



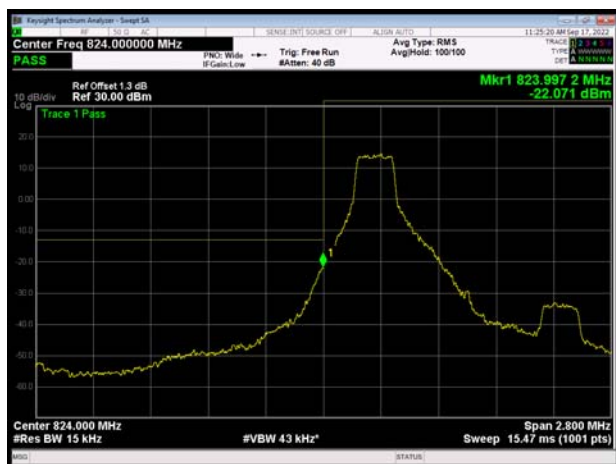
GSM 850 EGPRS CH-Low



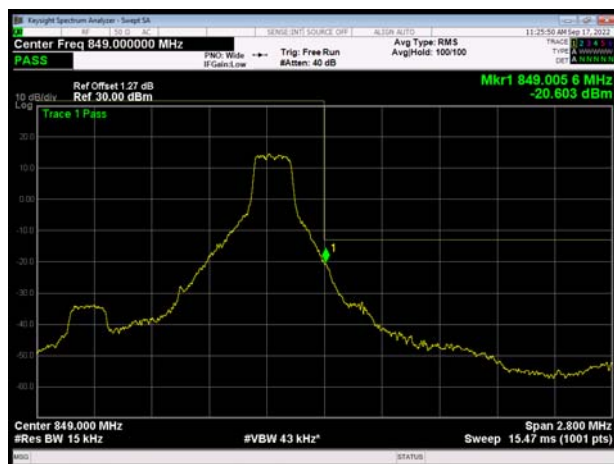
GSM 850 EGPRS CH-High



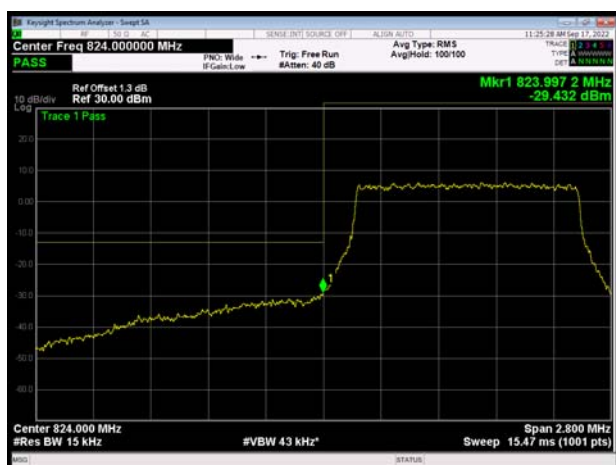
LTE Band 5 QPSK 1.4MHz CH-Low 1RB



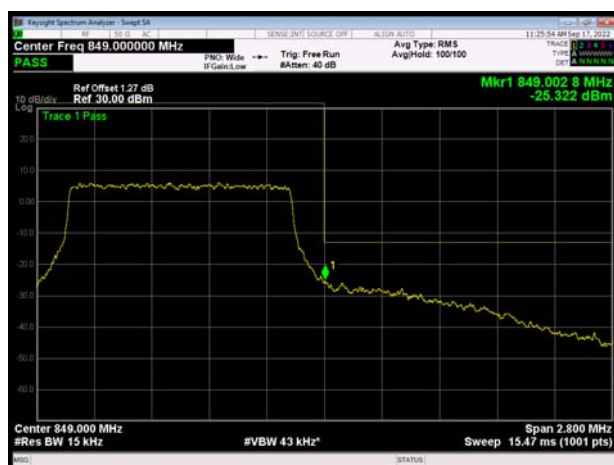
LTE Band 5 QPSK 1.4MHz CH-High 1RB



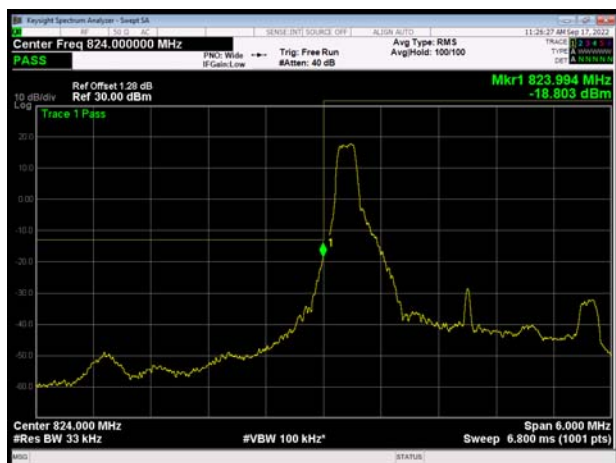
LTE Band 5 QPSK 1.4MHz CH-Low 100%RB



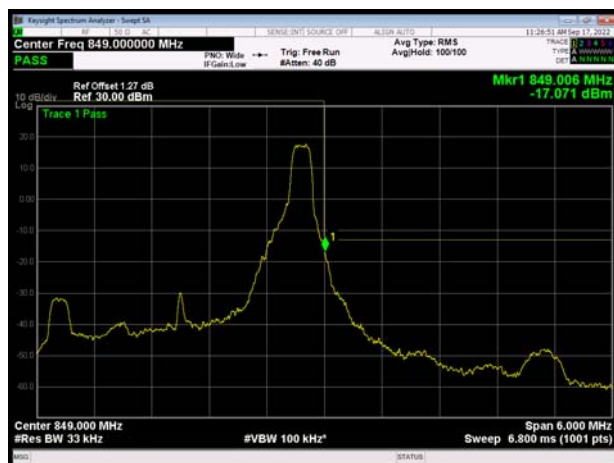
LTE Band 5 QPSK 1.4MHz CH-High 100%RB



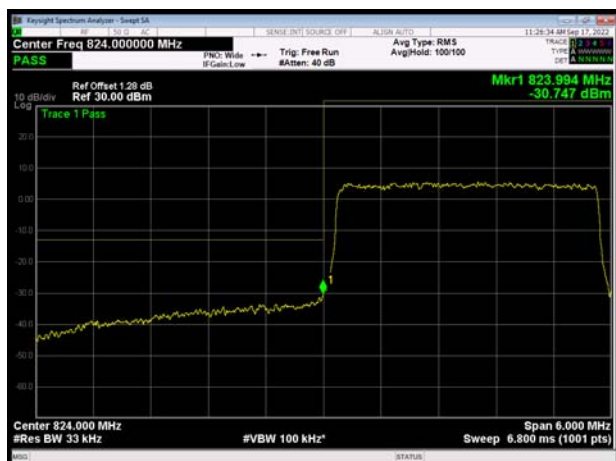
LTE Band 5 QPSK 3MHz CH-Low 1RB



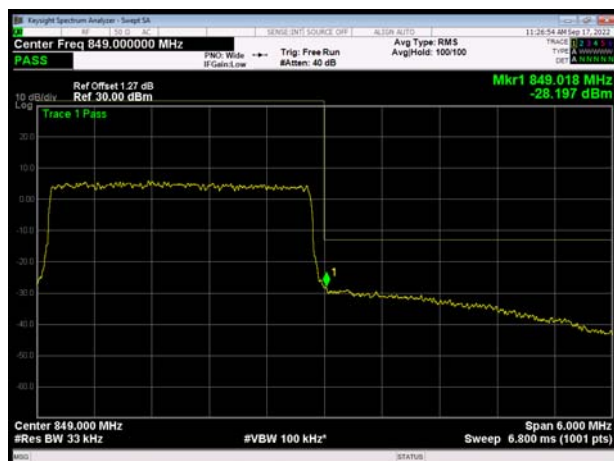
LTE Band 5 QPSK 3MHz CH-High 1RB



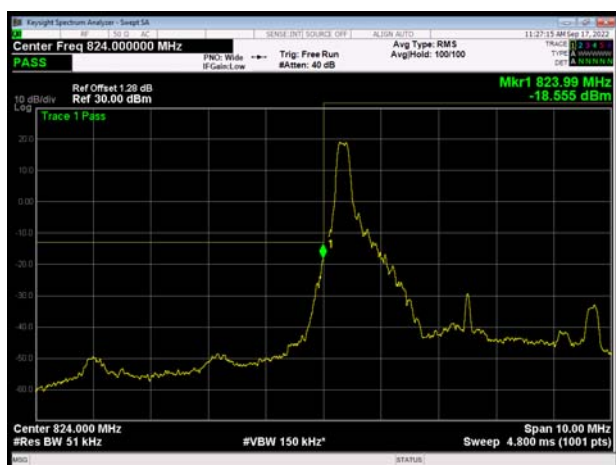
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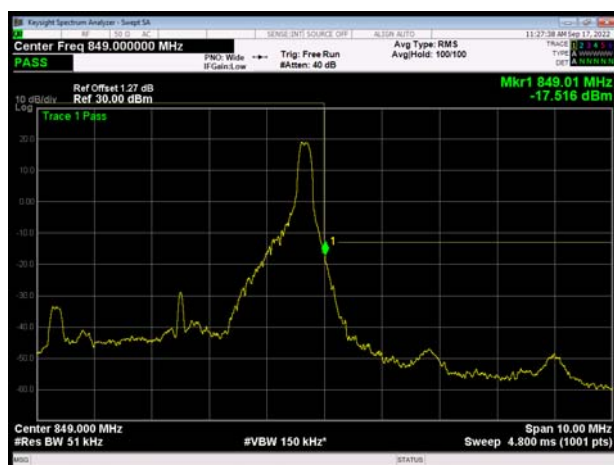
LTE Band 5 QPSK 3MHz CH-High 100%RB



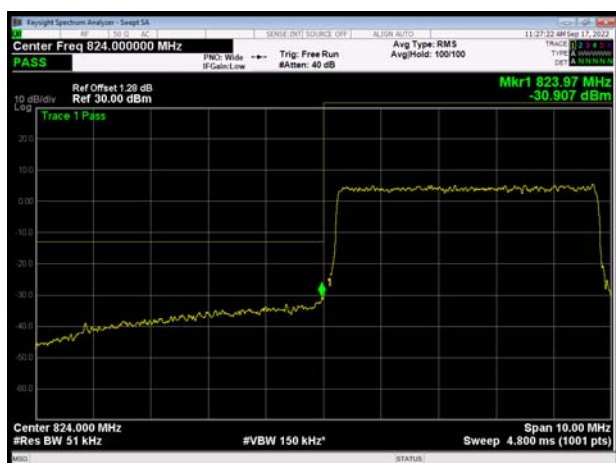
LTE Band 5 QPSK 5MHz CH-Low 1RB



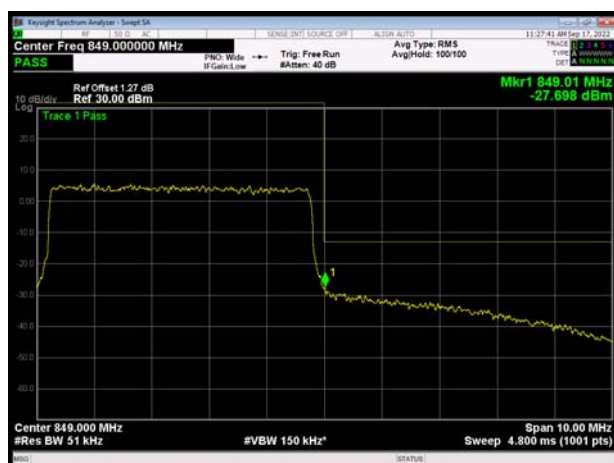
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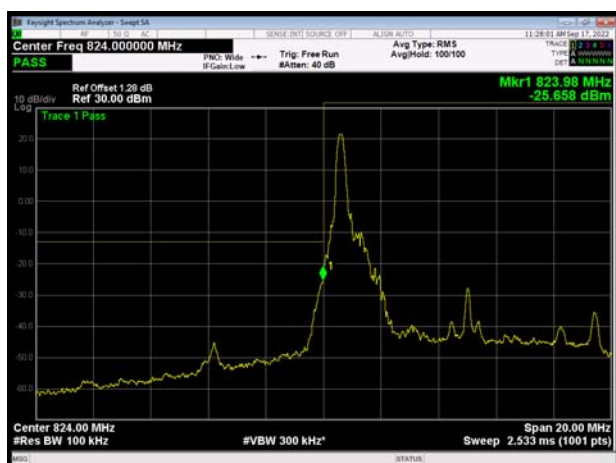
LTE Band 5 QPSK 5MHz CH-Low 100%RB



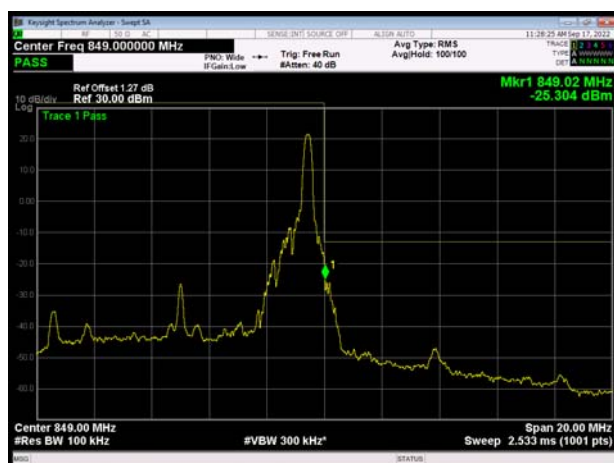
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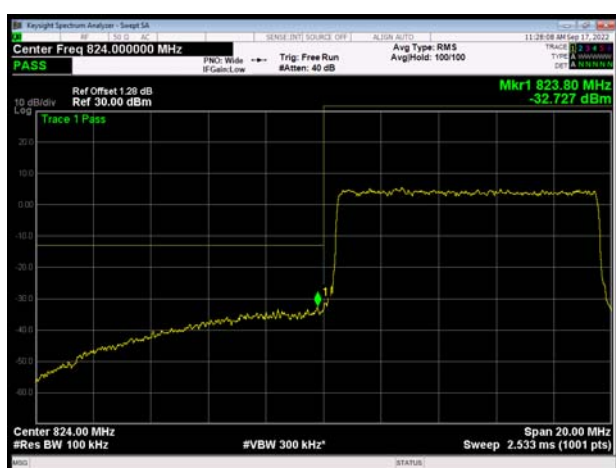
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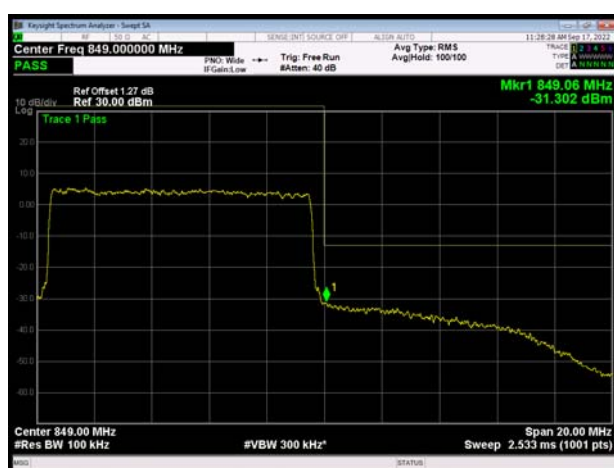
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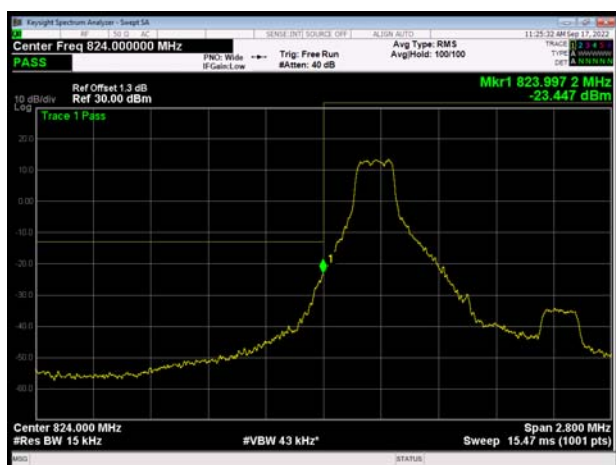
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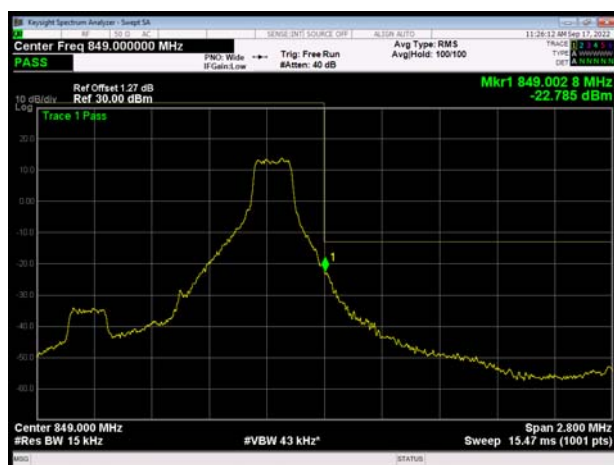
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LTE Band 5 16QAM 1.4MHz CH-Low 1RB

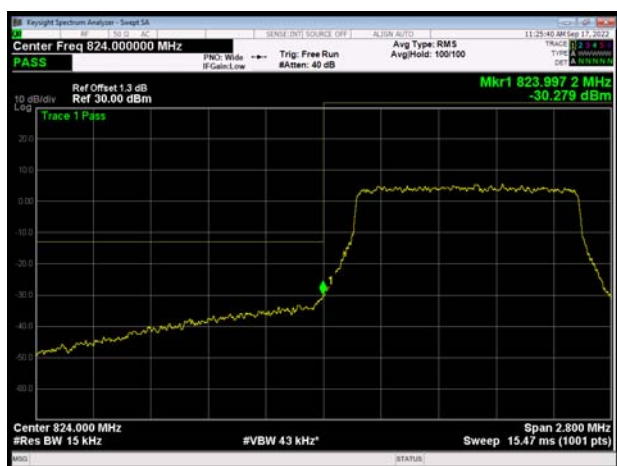


LTE Band 5 16QAM 1.4MHz CH-High 1RB





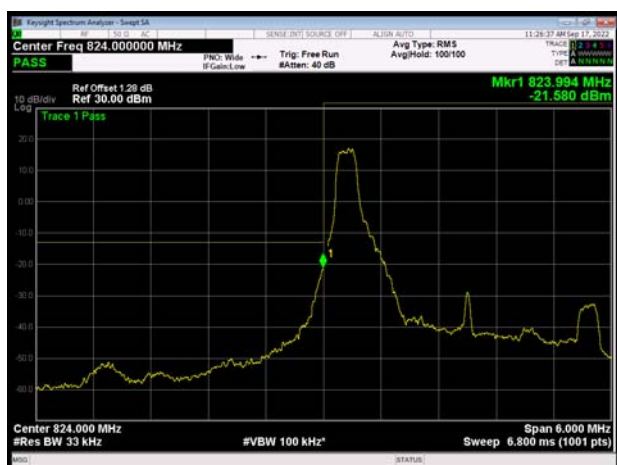
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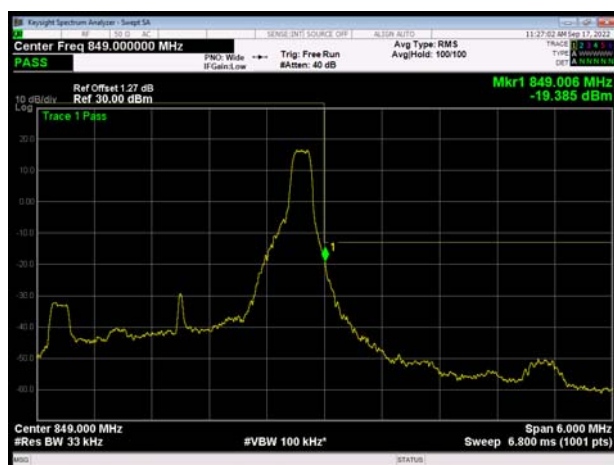
LTE Band 5 16QAM 1.4MHz CH-High 100%RB



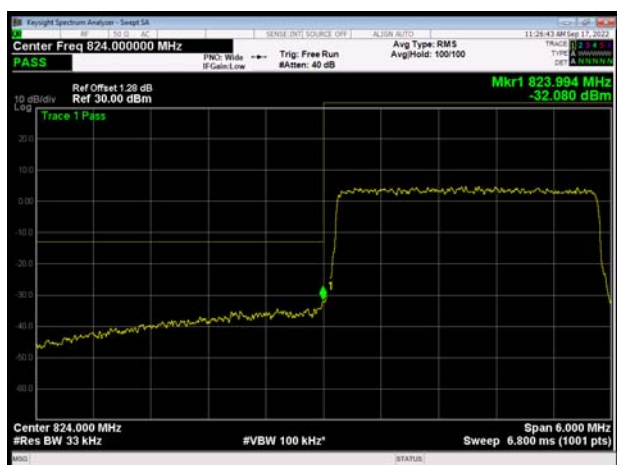
LTE Band 5 16QAM 3MHz CH-Low 1RB



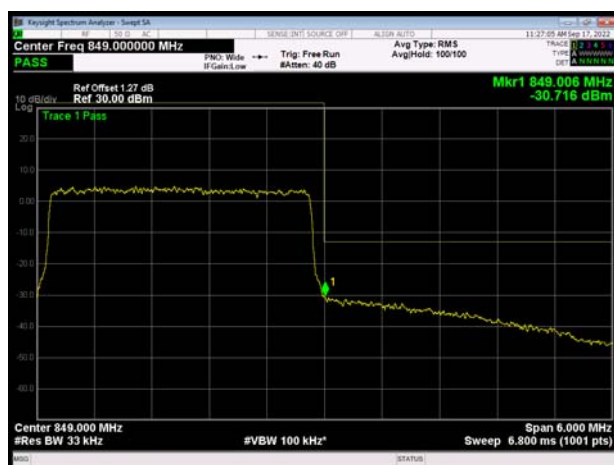
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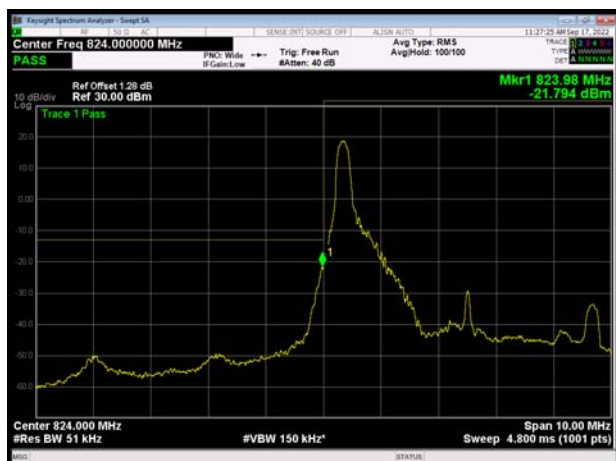
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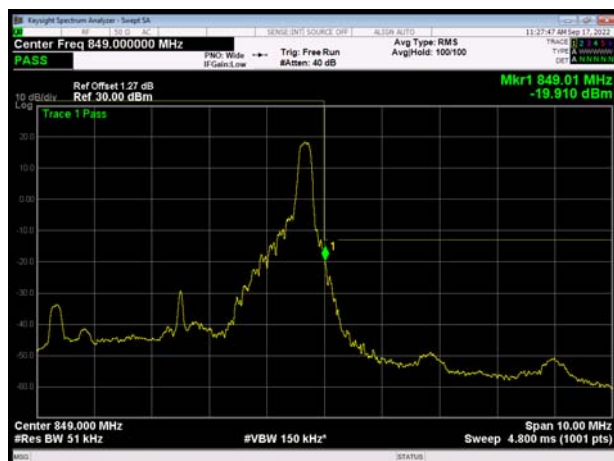
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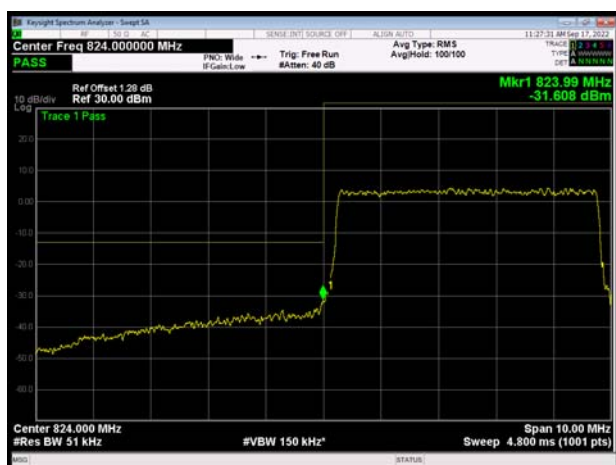
LTE Band 5 16QAM 5MHz CH-Low 1RB



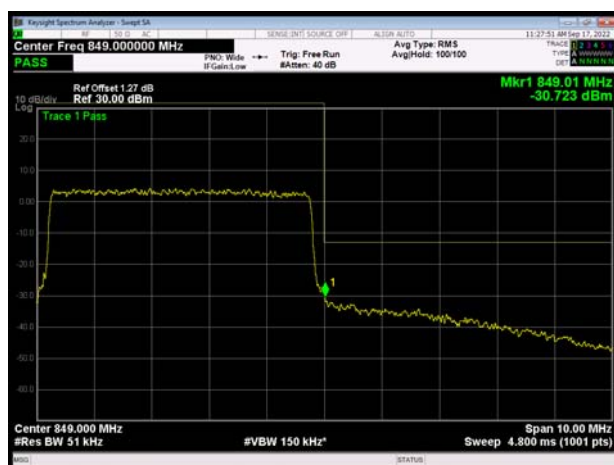
LTE Band 5 16QAM 5MHz CH-High 1RB



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



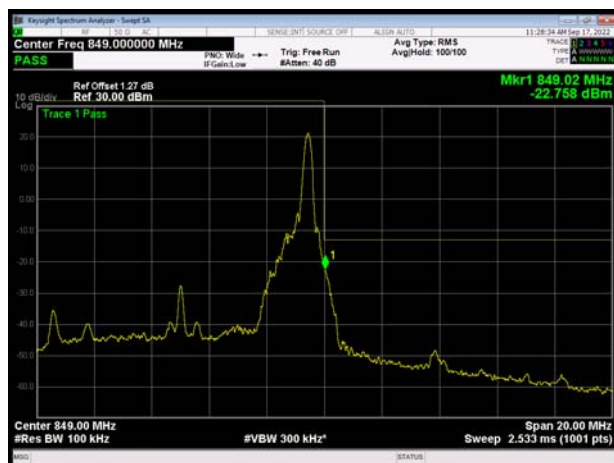
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LTE Band 5 16QAM 10MHz CH-Low 1RB

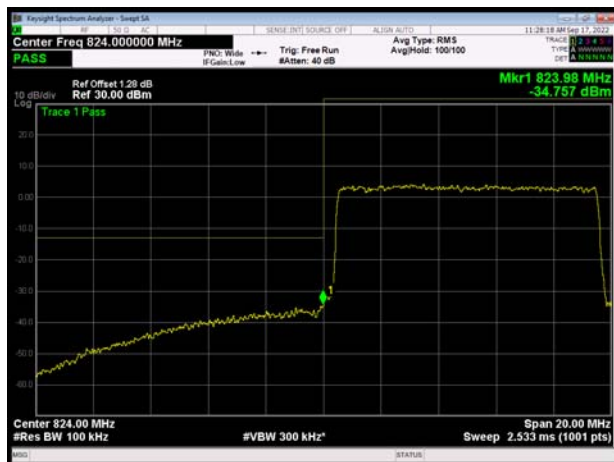


LTE Band 5 16QAM 10MHz CH-High 1RB

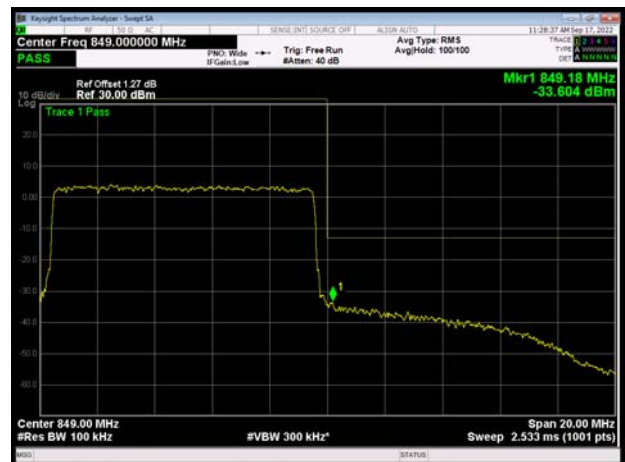




LTE Band 5 16QAM 10MHz CH-Low 100%RB



LTE Band 5 16QAM 10MHz CH-High 100%RB



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

Mode	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
GSM 850 (GMSK)	128	824.2	33.41	30.80	2.61	≤13	PASS
	190	836.6	33.48	30.88	2.60	≤13	PASS
	251	848.8	33.47	30.88	2.59	≤13	PASS
GPRS 850 (GMSK)	128	824.2	33.42	30.82	2.60	≤13	PASS
	190	836.6	31.42	28.50	2.92	≤13	PASS
	251	848.8	33.51	30.91	2.60	≤13	PASS
EGPRS 850 (8PSK)	128	824.2	30.01	24.50	5.51	≤13	PASS
	190	836.6	29.67	24.10	5.57	≤13	PASS
	251	848.8	29.62	24.06	5.56	≤13	PASS

LTE Band 5								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	20407	824.7	27.63	23.26	4.37	≤13	PASS
		20525	836.5	27.93	23.29	4.64	≤13	PASS
		20643	848.3	27.30	23.31	3.99	≤13	PASS
	3	20415	825.5	27.75	23.20	4.55	≤13	PASS
		20525	836.5	28.03	23.23	4.80	≤13	PASS
		20635	847.5	27.44	23.24	4.20	≤13	PASS
	5	20425	826.5	27.86	23.24	4.62	≤13	PASS
		20525	836.5	28.07	23.25	4.82	≤13	PASS
		20625	846.5	27.59	23.21	4.38	≤13	PASS
	10	20450	829	28.08	23.27	4.81	≤13	PASS
		20525	836.5	28.07	23.27	4.80	≤13	PASS
		20600	844	27.87	23.23	4.64	≤13	PASS
16QAM	1.4	20407	824.7	27.52	22.28	5.24	≤13	PASS
		20525	836.5	27.80	22.33	5.47	≤13	PASS
		20643	848.3	27.22	22.31	4.91	≤13	PASS
	3	20415	825.5	27.65	22.25	5.40	≤13	PASS
		20525	836.5	27.95	22.30	5.65	≤13	PASS
		20635	847.5	27.36	22.22	5.14	≤13	PASS
	5	20425	826.5	27.78	22.29	5.49	≤13	PASS
		20525	836.5	27.94	22.29	5.65	≤13	PASS

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		20625	846.5	27.49	22.23	5.26	≤13	PASS
	10	20450	829	27.98	22.33	5.65	≤13	PASS
		20525	836.5	27.97	22.31	5.66	≤13	PASS
		20600	844	27.74	22.22	5.52	≤13	PASS

6.5. Frequency Stability

GSM850						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
Temperature	Voltage	GMSK	8PSK	GMSK	8PSK	
Normal (25℃)	Normal	10.88	17.49	0.01300	0.02091	PASS
Extreme (50℃)		12.20	3.25	0.01458	0.00389	PASS
Extreme (40℃)		3.46	17.80	0.00414	0.02127	PASS
Extreme (30℃)		6.63	6.82	0.00793	0.00815	PASS
Extreme (20℃)		8.36	5.94	0.00999	0.00710	PASS
Extreme (10℃)		6.27	17.52	0.00749	0.02095	PASS
Extreme (0℃)		15.28	10.18	0.01826	0.01216	PASS
Extreme (-10℃)		15.56	4.42	0.01859	0.00529	PASS
Extreme (-20℃)		16.90	14.84	0.02020	0.01773	PASS
Extreme (-30℃)		6.92	5.07	0.00827	0.00606	PASS
25℃	LV	16.41	11.60	0.01962	0.01387	PASS
	HV	1.78	10.86	0.00213	0.01298	PASS

LTE Band 5						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	1.4MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25℃)	Normal	6.16	2.48	0.00737	0.00297	PASS
Extreme (50℃)		1.49	5.37	0.00178	0.00642	PASS
Extreme (40℃)		10.92	10.00	0.01305	0.01195	PASS
Extreme (30℃)		1.81	2.43	0.00216	0.00291	PASS
Extreme (20℃)		7.53	3.27	0.00900	0.00391	PASS
Extreme (10℃)		11.69	14.05	0.01397	0.01680	PASS
Extreme (0℃)		10.56	15.35	0.01262	0.01835	PASS
Extreme (-10℃)		4.43	7.19	0.00530	0.00860	PASS
Extreme (-20℃)		5.20	11.73	0.00622	0.01402	PASS
Extreme (-30℃)		1.71	2.87	0.00205	0.00343	PASS
25℃	LV	3.20	10.76	0.00383	0.01286	PASS
	HV	9.67	7.66	0.01156	0.00916	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	14.19	4.05	0.01696	0.00485	PASS
Extreme (50℃)		5.18	11.28	0.00620	0.01349	PASS
Extreme (40℃)		9.45	5.01	0.01129	0.00599	PASS
Extreme (30℃)		8.89	1.80	0.01063	0.00215	PASS
Extreme (20℃)		11.07	3.84	0.01323	0.00459	PASS
Extreme (10℃)		11.36	2.75	0.01358	0.00329	PASS
Extreme (0℃)		6.61	14.19	0.00790	0.01696	PASS
Extreme (-10℃)		13.21	3.51	0.01579	0.00420	PASS
Extreme (-20℃)		14.21	17.26	0.01698	0.02064	PASS
Extreme (-30℃)		1.74	14.87	0.00208	0.01777	PASS
25℃	LV	2.99	10.75	0.00357	0.01285	PASS
	HV	15.68	14.71	0.01874	0.01758	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	9.97	10.74	0.01192	0.01284	PASS
Extreme (50℃)		17.13	15.17	0.02048	0.01813	PASS
Extreme (40℃)		2.40	8.89	0.00287	0.01063	PASS
Extreme (30℃)		16.70	4.12	0.01997	0.00492	PASS
Extreme (20℃)		13.59	8.32	0.01625	0.00995	PASS
Extreme (10℃)		3.42	6.80	0.00409	0.00812	PASS
Extreme (0℃)		16.20	12.30	0.01937	0.01471	PASS
Extreme (-10℃)		10.09	3.35	0.01207	0.00400	PASS
Extreme (-20℃)		13.53	3.99	0.01618	0.00477	PASS
Extreme (-30℃)		1.13	9.74	0.00135	0.01164	PASS
25℃	LV	3.40	3.02	0.00407	0.00361	PASS
	HV	9.55	9.41	0.01142	0.01125	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	10MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	13.25	11.01	0.01584	0.01316	PASS
Extreme (50℃)		14.55	1.25	0.01740	0.00150	PASS
Extreme (40℃)		16.31	17.47	0.01949	0.02088	PASS



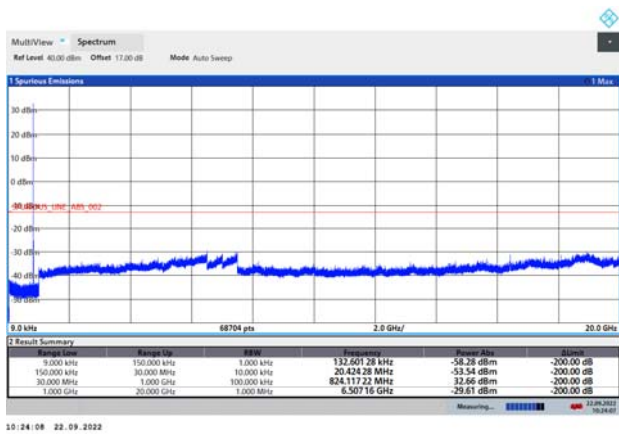
Extreme (30℃)		9.82	17.26	0.01174	0.02063	PASS
Extreme (20℃)		9.29	5.73	0.01110	0.00685	PASS
Extreme (10℃)		2.58	2.08	0.00308	0.00249	PASS
Extreme (0℃)		6.80	12.63	0.00813	0.01510	PASS
Extreme (-10℃)		12.82	13.46	0.01532	0.01609	PASS
Extreme (-20℃)		4.89	11.96	0.00584	0.01430	PASS
Extreme (-30℃)		3.73	16.71	0.00446	0.01997	PASS
25℃	LV	6.48	9.30	0.00774	0.01112	PASS
	HV	1.95	11.00	0.00233	0.01315	PASS

6.6. Spurious Emissions at Antenna Terminals

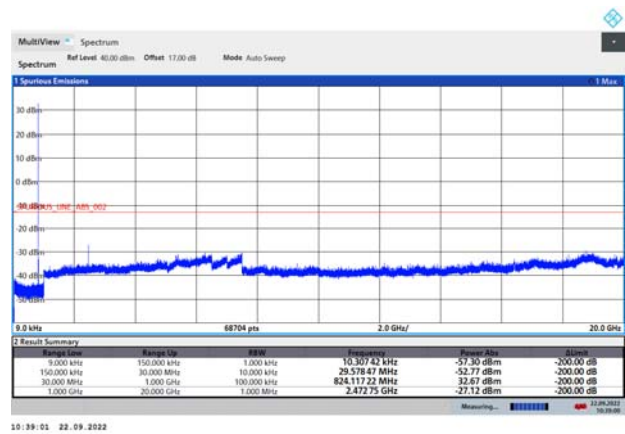
Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.

The signal beyond the limit is carrier.

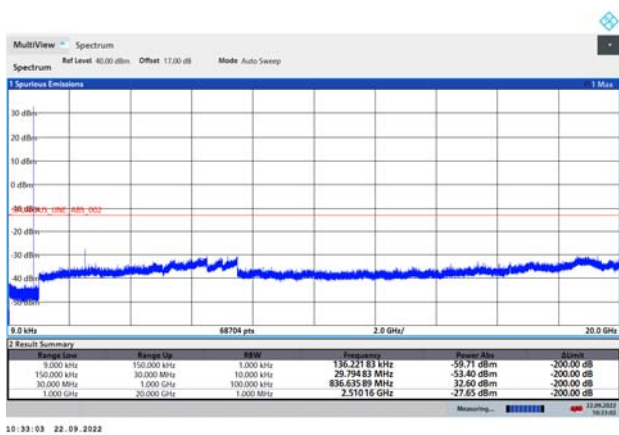
GSM 850 CH-Low 9kHz ~ 20GHz



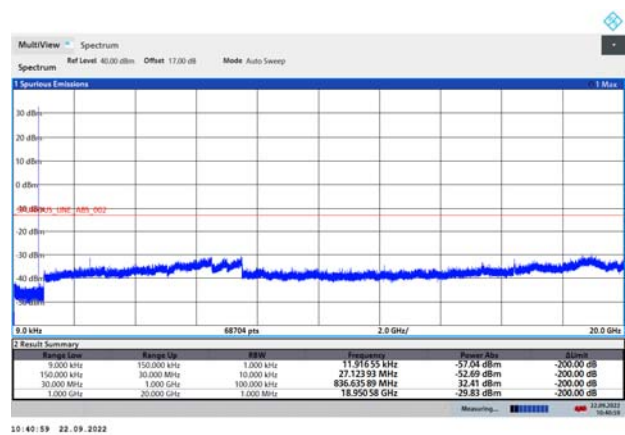
GPRS 850 CH-Low 9kHz ~ 20GHz



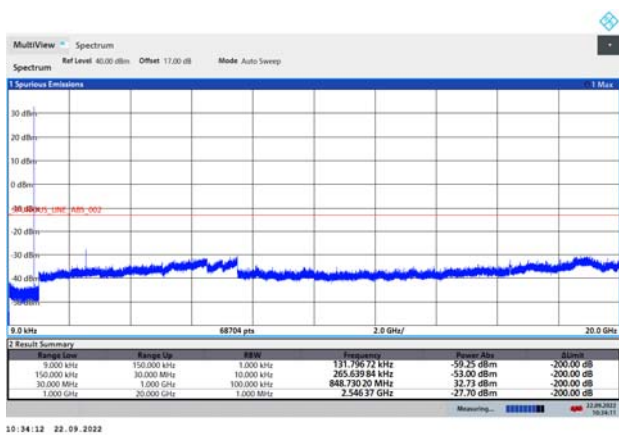
GSM 850 CH-Middle 9kHz ~ 20GHz



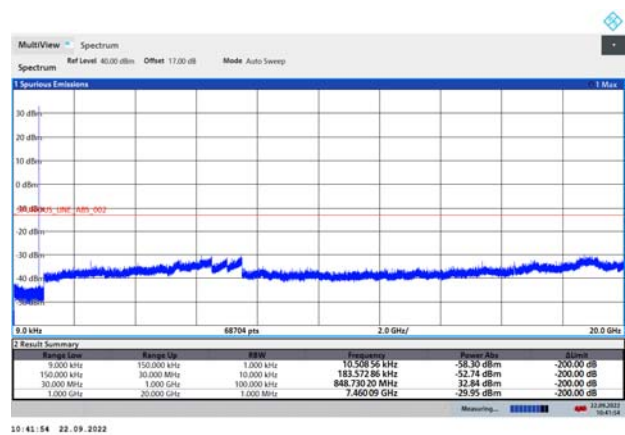
GPRS 850 CH-Middle 9kHz ~ 20GHz



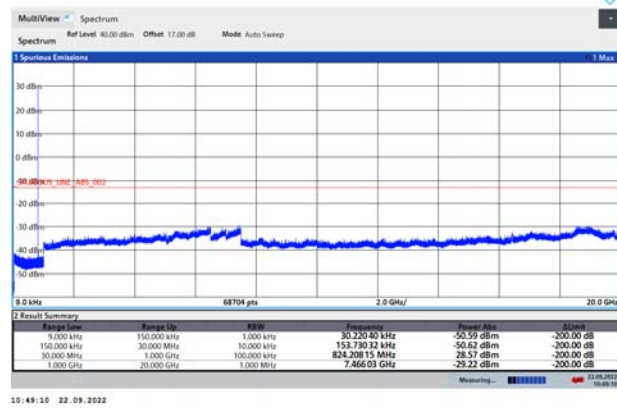
GSM 850 CH-High 9kHz ~ 20GHz



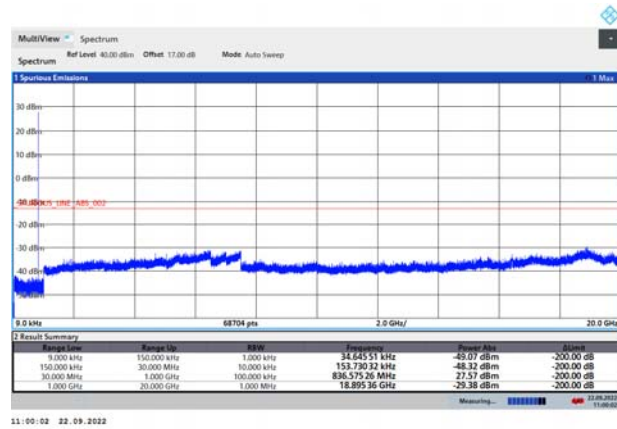
GPRS 850 CH-High 9kHz ~ 20GHz



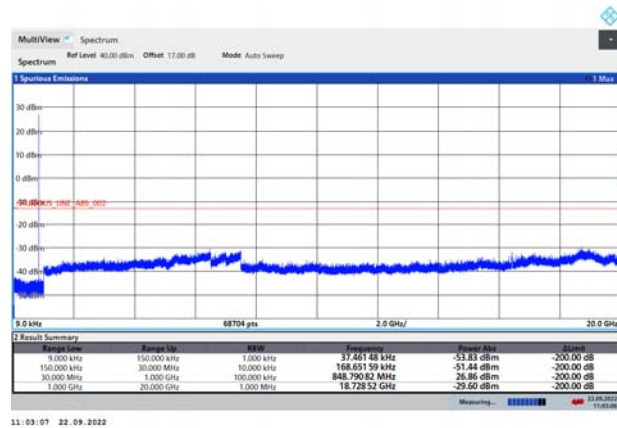
EGPRS 850 CH-Low 9kHz ~ 20GHz



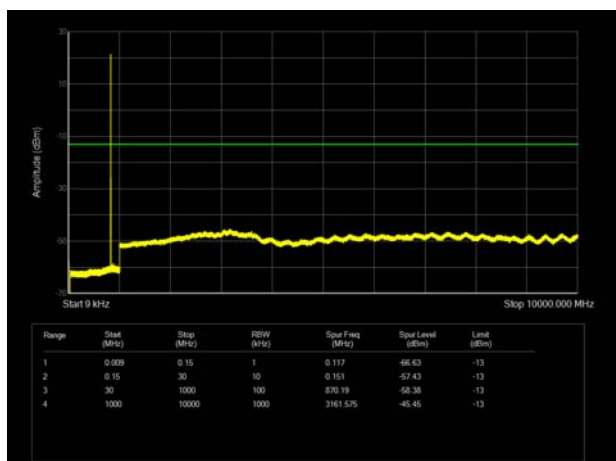
EGPRS 850 CH-Middle 9kHz ~ 20GHz



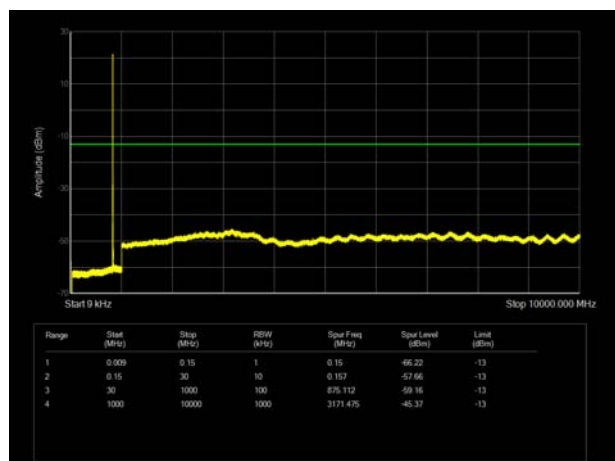
EGPRS 850 CH-High 9kHz ~ 20GHz



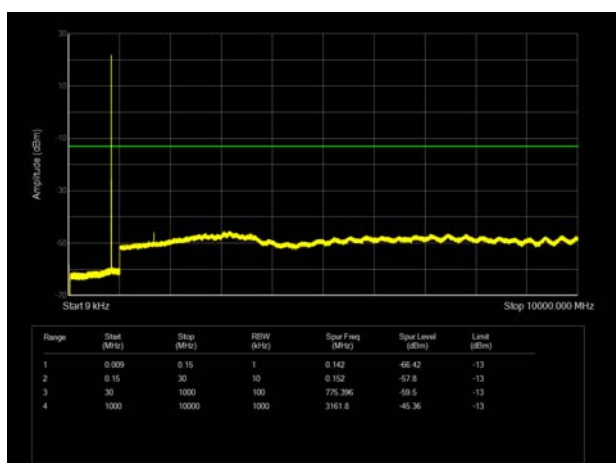
LTE Band 5 1.4MHz CH-Low 9kHz~10GHz



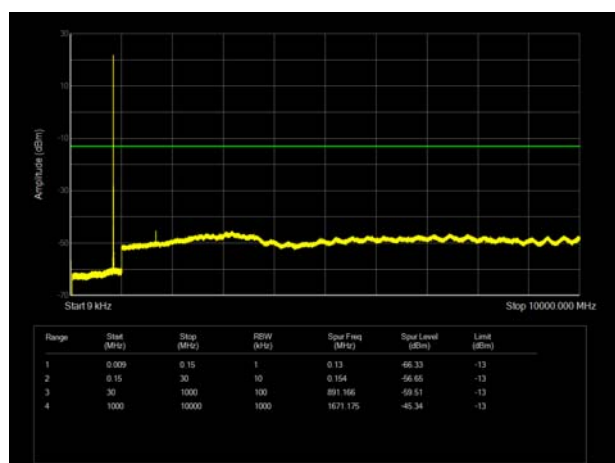
LTE Band 5 3MHz CH-Low 9kHz~10GHz



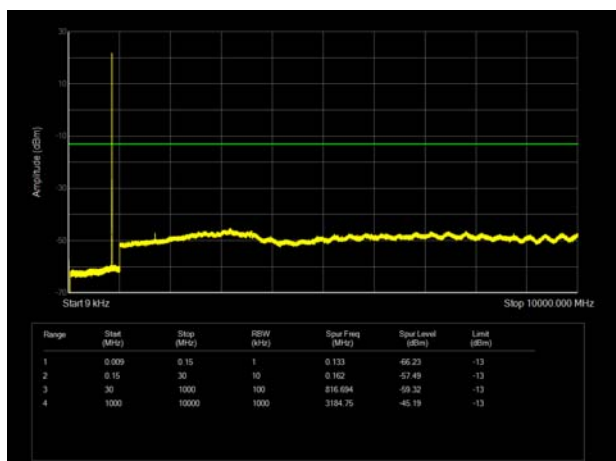
LTE Band 5 1.4MHz CH-Middle 9kHz~10GHz



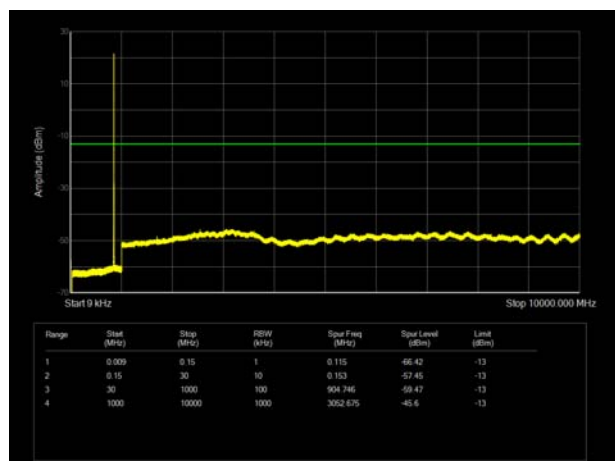
LTE Band 5 3MHz CH-Middle 9kHz~10GHz



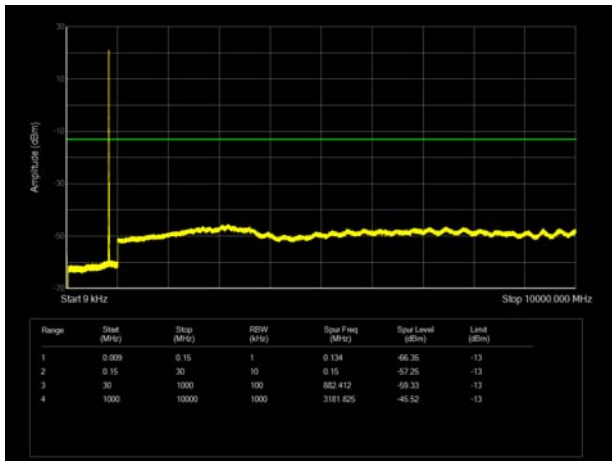
LTE Band 5 1.4MHz CH-High 9kHz~10GHz



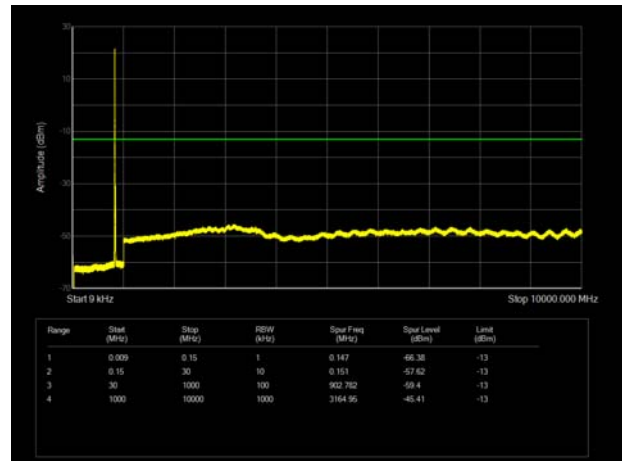
LTE Band 5 3MHz CH-High 9kHz~10GHz



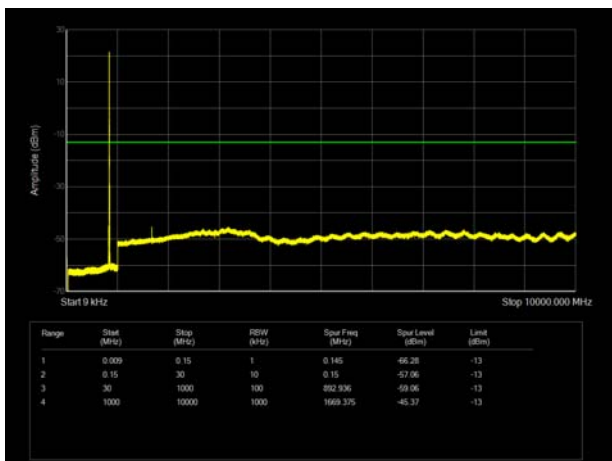
LTE Band 5 5MHz CH-Low 9kHz~10GHz



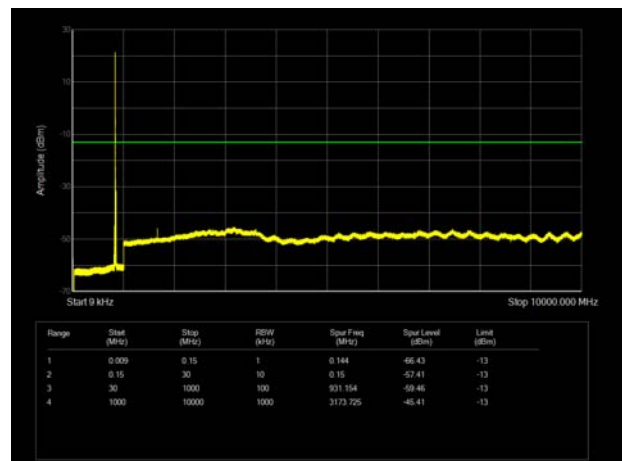
LTE Band 5 10MHz CH-Low 9kHz~10GHz



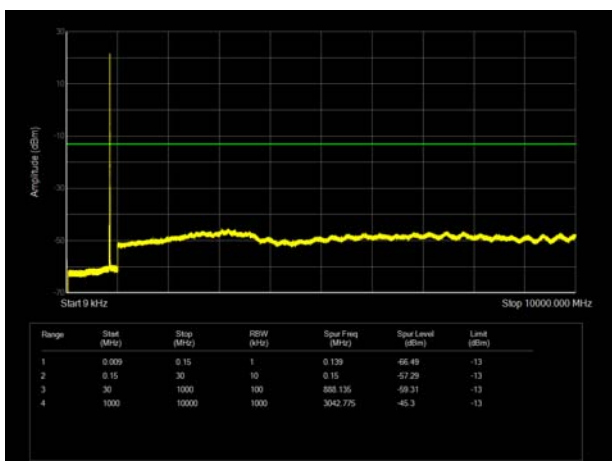
LTE Band 5 5MHz CH-Middle 9kHz~10GHz



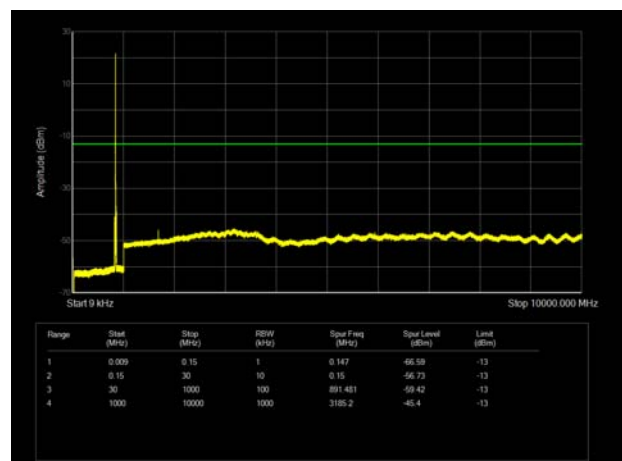
LTE Band 5 10MHz CH-Middle 9kHz~10GHz



LTE Band 5 5MHz CH-High 9kHz~10GHz



LTE Band 5 10MHz CH-High 9kHz~10GHz



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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.

GSM 850 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.20	-59.42	1.70	8.70	Vertical	-54.57	-13.00	41.57	225
3	2509.75	-45.32	2.30	12.00	Vertical	-37.77	-13.00	24.77	135
4	3346.40	-62.24	2.70	12.70	Vertical	-54.39	-13.00	41.39	225
5	4183.00	-57.37	3.00	12.50	Vertical	-50.02	-13.00	37.02	315
6	5019.60	-57.55	3.40	12.50	Vertical	-50.60	-13.00	37.60	45
7	5856.20	-54.19	3.40	12.80	Vertical	-46.94	-13.00	33.94	0
8	6692.80	-56.99	4.10	11.50	Vertical	-51.74	-13.00	38.74	180
9	7529.40	-52.55	4.20	12.20	Vertical	-46.70	-13.00	33.70	135
10	8366.00	-55.31	4.30	12.50	Vertical	-49.26	-13.00	36.26	135

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 5 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-58.54	1.70	8.70	Horizontal	-53.69	-13.00	40.69	90
3	2509.50	-53.47	2.30	12.00	Horizontal	-45.92	-13.00	32.92	135
4	3346.00	-66.05	2.70	12.70	Horizontal	-58.20	-13.00	45.20	270
5	4182.50	-60.12	3.00	12.50	Horizontal	-52.77	-13.00	39.77	0
6	5019.00	-58.27	3.40	12.50	Horizontal	-51.32	-13.00	38.32	225
7	5855.50	-59.57	3.40	12.80	Horizontal	-52.32	-13.00	39.32	45
8	6692.00	-59.57	4.10	11.50	Horizontal	-54.32	-13.00	41.32	0
9	7528.50	-57.17	4.20	12.20	Horizontal	-51.32	-13.00	38.32	45
10	8365.00	-56.18	4.30	12.50	Horizontal	-50.13	-13.00	37.13	135

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 Horizontal position.

LTE Band 5 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.60	-62.62	1.70	8.70	Horizontal	-57.77	-13.00	44.77	0
3	2503.30	-55.70	2.30	12.00	Horizontal	-48.15	-13.00	35.15	45
4	3337.50	-65.88	2.70	12.70	Horizontal	-58.03	-13.00	45.03	225
5	4171.88	-61.20	3.00	12.50	Horizontal	-53.85	-13.00	40.85	45
6	5006.25	-57.62	3.40	12.50	Horizontal	-50.67	-13.00	37.67	90
7	5840.63	-60.01	3.40	12.80	Horizontal	-52.76	-13.00	39.76	135
8	6675.00	-58.57	4.10	11.50	Horizontal	-53.32	-13.00	40.32	0
9	7509.38	-56.60	4.20	12.20	Horizontal	-50.75	-13.00	37.75	45
10	8343.75	-56.28	4.30	12.50	Horizontal	-50.23	-13.00	37.23	90

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 Horizontal position.

LTE Band 5 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1664.40	-63.14	1.70	8.70	Horizontal	-58.29	-13.00	45.29	135
3	2496.60	-58.29	2.30	12.00	Horizontal	-50.74	-13.00	37.74	270
4	3346.00	-65.92	2.70	12.70	Horizontal	-58.07	-13.00	45.07	135
5	4182.50	-60.34	3.00	12.50	Horizontal	-52.99	-13.00	39.99	0
6	5019.00	-60.94	3.40	12.50	Horizontal	-53.99	-13.00	40.99	45
7	5855.50	-58.37	3.40	12.80	Horizontal	-51.12	-13.00	38.12	135
8	6692.00	-58.84	4.10	11.50	Horizontal	-53.59	-13.00	40.59	90
9	7528.50	-56.71	4.20	12.20	Horizontal	-50.86	-13.00	37.86	45
10	8365.00	-56.69	4.30	12.50	Horizontal	-50.64	-13.00	37.64	225

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 Horizontal position.



7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Base Station Simulator	R&S	CMW500	150415	2022-05-14	2023-05-13
Spectrum Analyzer	Key sight	N9020A	MY50510203	2021-12-12	2022-12-11
Universal Radio Communication Tester	Key sight	E5515C	GB44400275	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
Trilog Antenna	Schwarzbeck	VULB 9163	1023	2020-05-05	2023-05-04
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Climatic Chamber	ESPEC	SU-242	93000506	2021-12-12	2022-12-11
Spectrum Analyzer	R&S	FSV30	104028	2021-12-12	2022-12-11
Software	R&S	EMC32	10.35.10	/	/

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



ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.