



# FCC RADIO TEST REPORT

**FCC ID** : GKRCMMG3L  
**Equipment** : 5G Module  
**Brand Name** : COMPAL  
**Model Name** : CMM-G3L  
**Marketing Name** : CMM-G3L  
**Applicant** : Compal Electronics, Inc.  
No.581 & 581-1, Ruiguang Rd., Neihu  
District, Taipei city, (114) Taiwan  
**Manufacturer** : Compal Electronics, Inc.  
No.581 & 581-1, Ruiguang Rd., Neihu  
District, Taipei city, (114) Taiwan  
**Standard** : FCC 47 CFR Part 2, 96

The product was received on Feb. 26, 2026 and testing was performed from Mar. 12, 2026 to Apr. 20, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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## History of this test report

| Report No.     | Version | Description             | Issue Date    |
|----------------|---------|-------------------------|---------------|
| FGFG622601-02E | 01      | Initial issue of report | Apr. 30, 2026 |
|                |         |                         |               |
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### Summary of Test Result

| Report Clause | Ref Std. Clause   | Test Items                                    | Result (PASS/FAIL) | Remark |
|---------------|-------------------|-----------------------------------------------|--------------------|--------|
| 3.2           | §2.1046           | Conducted Output Power                        | Pass               | -      |
| 3.3           | §96.41            | Peak-to-Average Ratio                         | Pass               | -      |
| 3.4           | §96.41            | Effective Isotropic Radiated Power            | Pass               | -      |
| 3.5           | §2.1049           | Occupied Bandwidth                            | Pass               | -      |
| 3.6           | §2.1051<br>§96.41 | Conducted Band Edge Measurement               | Pass               | -      |
| 3.7           | §2.1051<br>§96.41 | Conducted Spurious Emission                   | Pass               | -      |
| 3.8           | §2.1055           | Frequency Stability for Temperature & Voltage | Pass               | -      |
| 4.4           | §2.1053<br>§96.41 | Radiated Spurious Emission                    | Pass               | -      |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Keven Cheng****Report Producer: Shannon Huang**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                                            |  |
|------------------------------------------------------------|--|
| <b>General Specs</b><br>LTE/5G NR /5G NR Red Cap and GNSS. |  |

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

| Support band and evaluated information |                                                                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supported band</b>                  | B42,B43,B48                                                                                                                                            |
| <b>Evaluated and Tested band</b>       | B48                                                                                                                                                    |
| <b>Band covered information</b>        | Wider operating frequency band range covers narrower one when the power is worse as follows:<br>■ B48 cover B42 (Part 96)<br>■ B48 cover B43 (Part 96) |

| TDD band Power Class |                 |                 |  |  |
|----------------------|-----------------|-----------------|--|--|
|                      | <b>SISO PC3</b> | <b>SISO PC2</b> |  |  |
| <b>B42</b>           | V               |                 |  |  |
| <b>B43</b>           | V               |                 |  |  |
| <b>B48</b>           | V               |                 |  |  |

| RF Exposure<br>Max Antenna Gain information(dBi) |              |  |  |  |  |  |                    |
|--------------------------------------------------|--------------|--|--|--|--|--|--------------------|
| <b>Band</b>                                      | <b>Ant 0</b> |  |  |  |  |  | <b>Main Ant. #</b> |
| <b>B42</b>                                       | <b>0</b>     |  |  |  |  |  | 0                  |
| <b>B43</b>                                       | <b>0</b>     |  |  |  |  |  | 0                  |
| <b>B48</b>                                       | <b>0</b>     |  |  |  |  |  | 0                  |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.



### 1.3 Testing Site

|                              |                                                                                                                                                  |                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Test Site</b>             | Sporton International Inc. Wensan Laboratory                                                                                                     |                                    |
| <b>Test Site Location</b>    | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |                                    |
| <b>Test Site No.</b>         | <b>Sporton Site No.</b>                                                                                                                          |                                    |
|                              | TH05-HY                                                                                                                                          | 03CH16-HY                          |
| <b>Test Engineer</b>         | Diego Huang                                                                                                                                      | Jerry Lan, Gary Guo, and Steven Wu |
| <b>Temperature (°C )</b>     | 22.4 ~ 22.8                                                                                                                                      | 20.0 ~ 26.0                        |
| <b>Relative Humidity (%)</b> | 53.6 ~ 55.5                                                                                                                                      | 40.0 ~ 65.0                        |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW3786

### 1.4 Applied Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 96
- ♦ FCC KDB 971168 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.

## 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

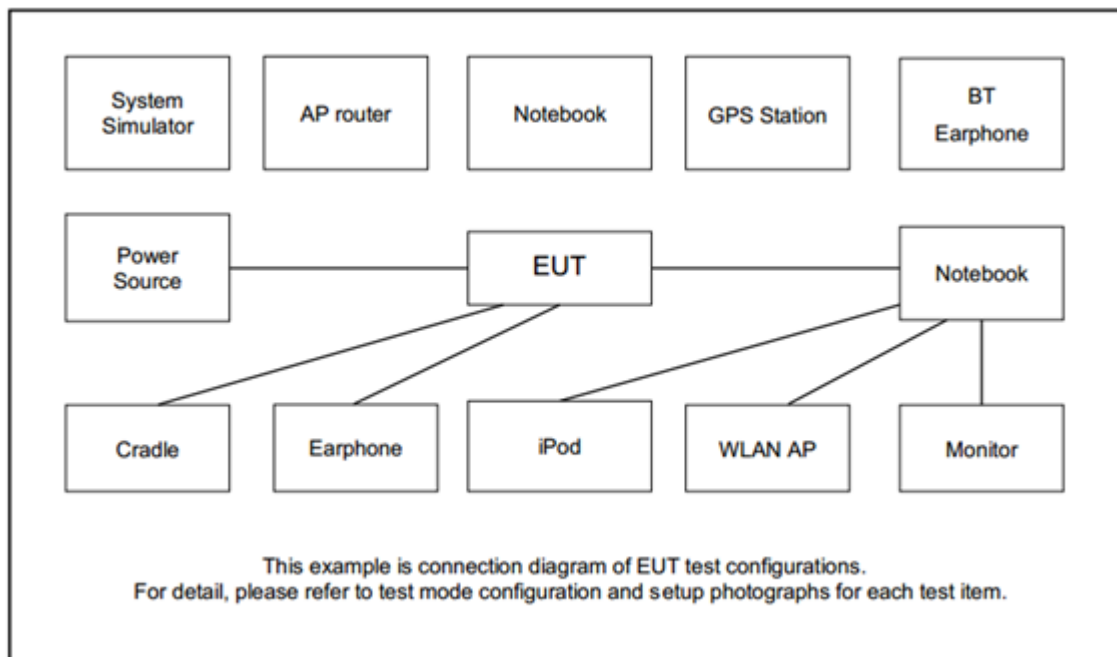
| Modulation Type | Modulation |
|-----------------|------------|
| A               | QPSK       |
| B               | 16QAM      |
| C               | 64QAM      |
| D               | 256QAM     |

| Test Item           | Modulation Type | Bandwidth | RB Size       | Channel |
|---------------------|-----------------|-----------|---------------|---------|
| Conducted Power     | A,B,C,D         | All       | 1, Half, Full | L, M, H |
| EIRP                | A,B,C,D         | All       | 1, Half, Full | L, M, H |
| PAR                 | A,B,C,D         | 20 MHz    | Full          | M       |
| Bandwidth           | A,B             | All       | Full          | M       |
| ACLR, Mask          | A               | All       | 1RB Full      | L, M, H |
| CSE                 | A               | All       | 1RB           | L, M, H |
| Frequency Stability | A               | 10 MHz    | Full          | M       |
| RSE                 | A               | 20 MHz    | 1RB           | L, M, H |

**Remark:**

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. One representative bandwidth is selected to perform PAR and frequency stability.

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration and system

| Item | Equipment    | Brand Name | Model No. | FCC ID | Data Cable | Power Cord        |
|------|--------------|------------|-----------|--------|------------|-------------------|
| 1.   | Base Station | Anritsu    | MT8821C   | N/A    | N/A        | Unshielded, 1.8 m |
| 2.   | Base Station | Anritsu    | MT8000A   | N/A    | N/A        | Unshielded, 1.8 m |

## 2.4 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.5 dB and 10dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.5 + 10 = 14.5 \text{ (dB)} \end{aligned}$$



## 2.5 Frequency List of Low/Middle/High Channels

| LTE Band 42 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 43190  | 43340  | 43490   |
|                                        | Frequency              | 3560.0 | 3575.0 | 3590.0  |
| 15                                     | Channel                | 43165  | 43340  | 43515   |
|                                        | Frequency              | 3557.5 | 3575.0 | 3592.5  |
| 10                                     | Channel                | 43140  | 43340  | 43540   |
|                                        | Frequency              | 3555.0 | 3575.0 | 3595.0  |
| 5                                      | Channel                | 43115  | 43340  | 43565   |
|                                        | Frequency              | 3552.5 | 3575.0 | 3597.5  |

| LTE Band 43 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 43690  | 44090  | 44490   |
|                                        | Frequency              | 3610.0 | 3650.0 | 3690.0  |
| 15                                     | Channel                | 43665  | 44090  | 44515   |
|                                        | Frequency              | 3607.5 | 3650.0 | 3692.5  |
| 10                                     | Channel                | 43640  | 44090  | 44540   |
|                                        | Frequency              | 3605.0 | 3650.0 | 3695.0  |
| 5                                      | Channel                | 43615  | 44090  | 44565   |
|                                        | Frequency              | 3602.5 | 3650.0 | 3697.5  |

| LTE Band 48 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 55340  | 55990  | 56640   |
|                                        | Frequency              | 3560   | 3625   | 3690    |
| 15                                     | Channel                | 55315  | 55990  | 56665   |
|                                        | Frequency              | 3557.5 | 3625   | 3692.5  |
| 10                                     | Channel                | 55290  | 55990  | 56690   |
|                                        | Frequency              | 3555   | 3625   | 3695    |
| 5                                      | Channel                | 55265  | 55990  | 56715   |
|                                        | Frequency              | 3552.5 | 3625   | 3697.5  |

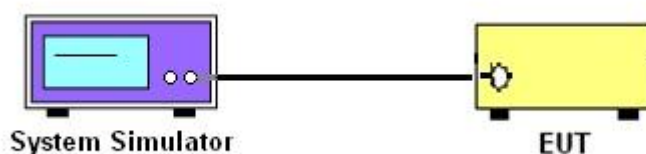
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

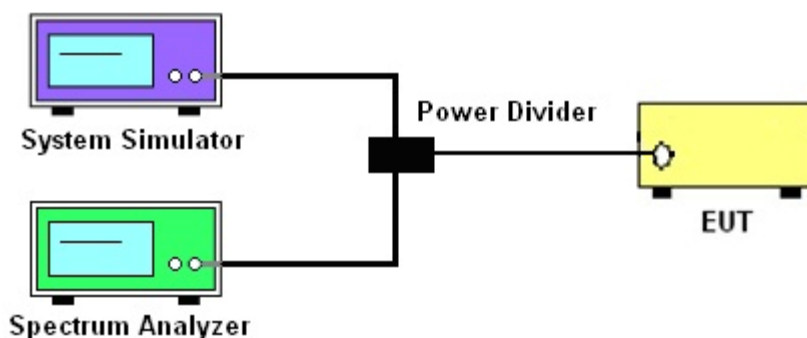
See list of measuring instruments of this test report.

##### 3.1.1 Test Setup

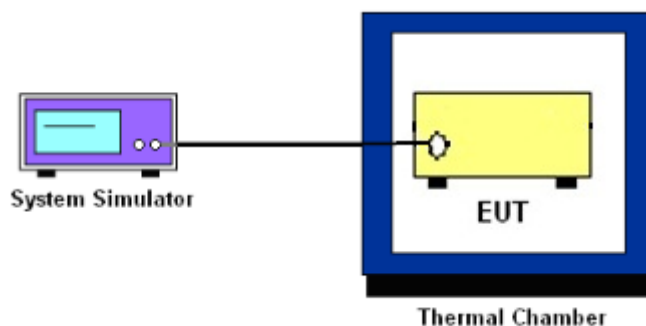
##### 3.1.2 Conducted Output Power



##### 3.1.3 EIRP and Power Density, Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge, and Conducted Spurious Emission



##### 3.1.4 Frequency Stability



##### 3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



## **3.2 Conducted Output Power Measurement**

### **3.2.1 Description of the Conducted Output Power Measurement**

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals shall be reported.

### **3.2.2 Test Procedures**

1. The transmitter output port was connected to base station.
2. Set EUT at maximum power through base station.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



### **3.3 Peak-to-Average Ratio**

#### **3.3.1 Description of the PAR Measurement**

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. 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.

#### **3.3.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



### 3.4 EIRP

#### 3.4.1 Description of the EIRP Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for LTE Band 48.

The testing follows ANSI C63.26-2015 Section 5.2.5.5.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - LC$ , where

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

$LC$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

| Device          | Maximum EIRP<br>(dBm/10 MHz) | Maximum PSD<br>(dBm/MHz) |
|-----------------|------------------------------|--------------------------|
| End User Device | 23                           | n/a                      |

**Remark:**

Total channel power is complied with EIRP limit 23dBm/10MHz.

#### 3.4.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.



## **3.5 Occupied Bandwidth**

### **3.5.1 Description of Occupied Bandwidth Measurement**

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

### **3.5.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.  
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



## **3.6 Conducted Band Edge**

### **3.6.1 Description of Conducted Band Edge Measurement**

The conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed  $-13$  dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed  $-25$  dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

### **3.6.2 Test Procedures**

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW  $\geq 1\%$  EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.



### **3.7 Conducted Spurious Emission**

#### **3.7.1 Description of Conducted Spurious Emission Measurement**

96.41 (e)(2)

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

#### **3.7.2 Test Procedures**

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.  
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The test reduction is applied to 1RB case for 10MHz Bandwidth to cover the all operation bandwidths. RBW 500kHz is applied to the 0-1MHz offset from the edge of the frequency block group for 1RB mode in order to represent the worst case condition.



### **3.8 Frequency Stability**

#### **3.8.1 Description of Frequency Stability Measurement**

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

#### **3.8.2 Test Procedures for Temperature Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

#### **3.8.3 Test Procedures for Voltage Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

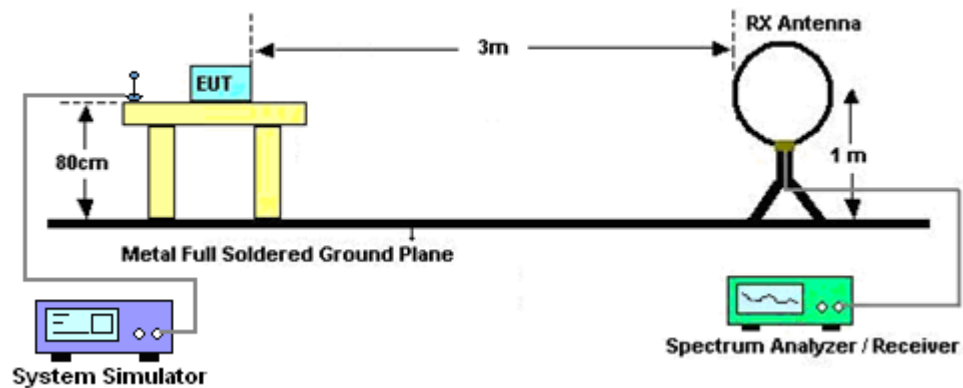
## 4 Radiated Test Items

### 4.1 Measuring Instruments

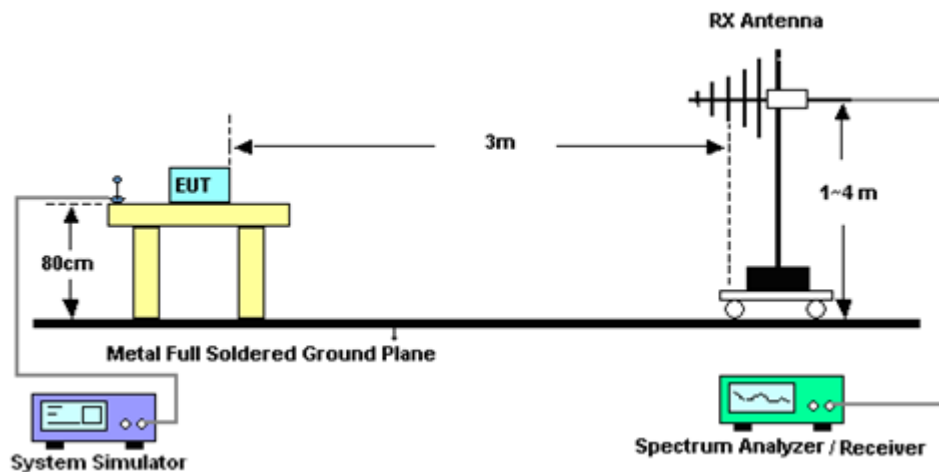
See list of measuring instruments of this test report.

### 4.2 Test Setup

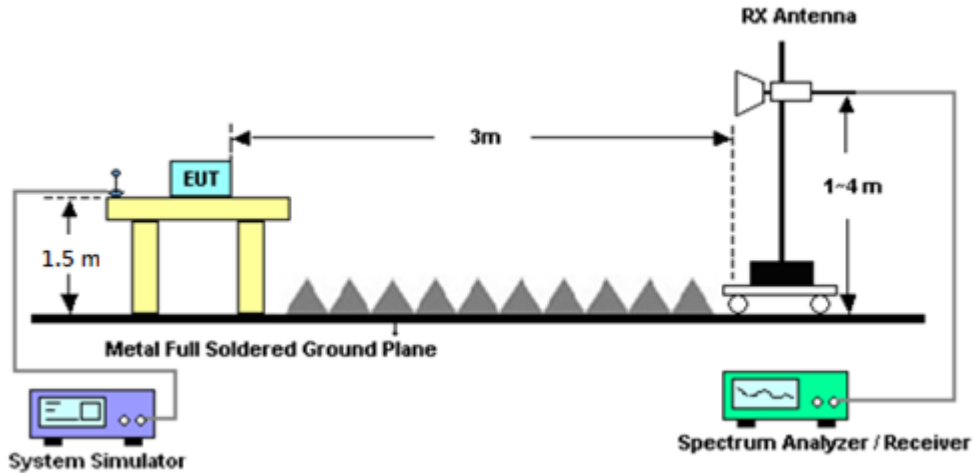
For radiated test below 30MHz



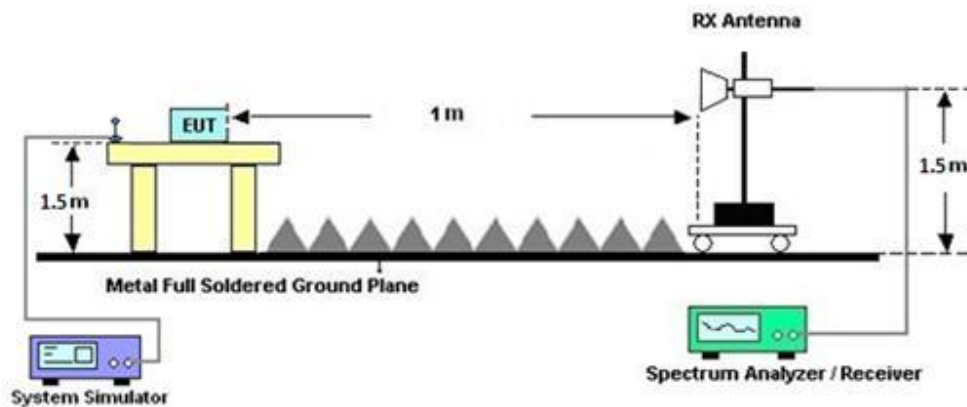
For radiated test from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



## 4.3 Test Result of Radiated Test

Please refer to Appendix B.

### Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



## **4.4 Radiated Spurious Emission**

### **4.4.1 Description of Radiated Spurious Emission**

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015.

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least -40dBm / MHz

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

### **4.4.2 Test Procedures**

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.7 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. To convert spectrum reading E(dBuV/m) to EIRP(dBm)  
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
8. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
9. ERP (dBm) = EIRP (dBm) - 2.15
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



## 5 List of Measuring Equipment

| Instrument                       | Brand Name        | Model No.                            | Serial No.                                   | Characteristics                  | Calibration Date | Test Date                       | Due Date      | Remark                   |
|----------------------------------|-------------------|--------------------------------------|----------------------------------------------|----------------------------------|------------------|---------------------------------|---------------|--------------------------|
| Loop Antenna                     | Rohde & Schwarz   | HFH2-Z2E                             | 101108                                       | 9kHz~30MHz                       | Dec. 11, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Dec. 10, 2026 | Radiation<br>(03CH16-HY) |
| SHF-EHF Horn Antenna             | SCHWARZBECK       | BBHA9170                             | 1224                                         | 18GHz~40GHz                      | Jul. 02, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Jul. 01, 2026 | Radiation<br>(03CH16-HY) |
| Spectrum Analyzer                | Keysight          | N9010B                               | MY602410<br>55                               | 10Hz~44GHz                       | Nov. 18, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Nov. 17, 2026 | Radiation<br>(03CH16-HY) |
| EMI Test Receiver                | Keysight          | N9038A(MXE)                          | MY572901<br>11                               | 3Hz~26.5GHz                      | Nov. 26, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Nov. 25, 2026 | Radiation<br>(03CH16-HY) |
| Bilog Antenna                    | TESEQ             | CBL 6111D &<br>00802N1D01N<br>-06    | 47020 & 06                                   | 30MHz to 1GHz                    | Oct. 04, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Oct. 03, 2026 | Radiation<br>(03CH16-HY) |
| Double Ridged Guide Horn Antenna | SCHWARZBECK       | BBHA 9120 D                          | 9120D-020<br>38                              | 1GHz~18GHz                       | Aug. 07, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Aug. 07, 2026 | Radiation<br>(03CH16-HY) |
| Horn Antenna                     | SCHWARZBECK       | BBHA 9120 D                          | 9120D-015<br>22                              | 1GHz~18GHz                       | Mar. 26, 2026    | Mar. 20, 2026~<br>Apr. 20, 2026 | Mar. 25, 2027 | Radiation<br>(03CH16-HY) |
| Amplifier                        | SONOMA            | 310N                                 | 371607                                       | 9kHz~1GHz                        | Jun. 30, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Jun. 29, 2026 | Radiation<br>(03CH16-HY) |
| Preamplifier                     | Keysight          | 83017A                               | MY532702<br>64                               | 1GHz~26.5GHz                     | Sep. 12, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Sep. 11, 2026 | Radiation<br>(03CH16-HY) |
| Preamplifier                     | EMEC              | EM1G18G                              | 060812                                       | 1GHz~18GHz                       | Dec. 22, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Dec. 21, 2026 | Radiation<br>(03CH16-HY) |
| Preamplifier                     | EMEC              | EM18G40G                             | 060801                                       | 18GHz~40GHz                      | May 26, 2025     | Mar. 20, 2026~<br>Apr. 20, 2026 | May 25, 2026  | Radiation<br>(03CH16-HY) |
| Filter                           | Wainwright        | WLK4-1000-15<br>30-8000-40SS         | SN17                                         | 1.53GHz Low<br>Pass Filter       | Jan. 13, 2026    | Mar. 20, 2026~<br>Apr. 20, 2026 | Jan. 12, 2027 | Radiation<br>(03CH16-HY) |
| Filter                           | Wainwright        | WHKX12-2700<br>-3000-18000-6<br>0ST  | SN3                                          | 3GHz High Pass<br>Filter         | Jun. 26, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Jun. 25, 2026 | Radiation<br>(03CH16-HY) |
| Filter                           | Wainwright        | WHKX8-5872.<br>5-6750-18000-<br>40ST | SN27                                         | 6.75GHz High<br>Pass Filter      | Dec. 22, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Dec. 21, 2026 | Radiation<br>(03CH16-HY) |
| RF Cable                         | HUBER +<br>SUHNER | SUCOFLEX<br>102                      | 801606/2                                     | 9KHz ~ 40GHz                     | Apr. 23, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Apr. 22, 2026 | Radiation<br>(03CH16-HY) |
| RF Cable                         | HUBER +<br>SUHNER | SUCOFLEX<br>102/SUCOFLE<br>X 104     | EC-A5-300<br>-5757,8059<br>35/4,80243<br>4/4 | 30MHz~18GHz                      | Aug. 06, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Aug. 05, 2026 | Radiation<br>(03CH16-HY) |
| RF Cable                         | HUBER +<br>SUHNER | SUCOFLEX<br>102                      | 804011/2,8<br>04012/2                        | 18-40GHz                         | Dec. 18, 2025    | Mar. 20, 2026~<br>Apr. 20, 2026 | Dec. 17, 2026 | Radiation<br>(03CH16-HY) |
| Software                         | Audix             | E3 230621 V9                         | RK-002393                                    | N/A                              | N/A              | Mar. 20, 2026~<br>Apr. 20, 2026 | N/A           | Radiation<br>(03CH16-HY) |
| Controller                       | ChainTek          | 3000-1                               | N/A                                          | Control Turn<br>table & Ant Mast | N/A              | Mar. 20, 2026~<br>Apr. 20, 2026 | N/A           | Radiation<br>(03CH16-HY) |
| Antenna Mast                     | ChainTek          | MBS-520-1                            | N/A                                          | 1m~4m                            | N/A              | Mar. 20, 2026~<br>Apr. 20, 2026 | N/A           | Radiation<br>(03CH16-HY) |
| Turn Table                       | ChainTek          | T-200-S-1                            | N/A                                          | 0~360 Degree                     | N/A              | Mar. 20, 2026~<br>Apr. 20, 2026 | N/A           | Radiation<br>(03CH16-HY) |



| Instrument                   | Brand Name      | Model No.                      | Serial No.     | Characteristics                     | Calibration Date | Test Date                       | Due Date      | Remark                 |
|------------------------------|-----------------|--------------------------------|----------------|-------------------------------------|------------------|---------------------------------|---------------|------------------------|
| Radio Communication Analyzer | Anritsu         | MT8821C                        | 626202534<br>1 | LTE FDD/TDD<br>LTE-2CC<br>ULCA/DLCA | Sep. 16, 2025    | Mar. 12, 2026~<br>Mar. 21, 2026 | Sep. 15, 2026 | Conducted<br>(TH05-HY) |
| DC Power Supply              | GW Instek       | GPE-2323                       | GET86154<br>6  | 0V~64V ; 0A~6A                      | Jun. 03, 2025    | Mar. 12, 2026~<br>Mar. 21, 2026 | Jun. 02, 2026 | Conducted<br>(TH05-HY) |
| Coupler                      | MVE             | MVE4816                        | #Z             | 0.009MHz-18G<br>Hz                  | Oct. 16, 2025    | Mar. 12, 2026~<br>Mar. 21, 2026 | Oct. 15, 2026 | Conducted<br>(TH05-HY) |
| Spectrum Analyzer            | Rohde & Schwarz | FSV40                          | 101907         | 10Hz~40GHz                          | Aug. 25, 2025    | Mar. 12, 2026~<br>Mar. 21, 2026 | Aug. 24, 2026 | Conducted<br>(TH05-HY) |
| Thermal Chamber              | ESPEC           | SU-241                         | 92003713       | -30°C ~95°C                         | May. 12, 2025    | Mar. 12, 2026~<br>Mar. 21, 2026 | May. 11, 2026 | Conducted<br>(TH05-HY) |
| Power divider                | Anritsu         | K241C                          | 2143398        | 9KHz~40GHz                          | Jun. 13,2025     | Mar. 12, 2026~<br>Mar. 21, 2026 | Jun. 12,2026  | Conducted<br>(TH05-HY) |
| Software                     | Sporton         | LTE<br>Conducted<br>Test Tools | N/A            | Conducted Test<br>Item              | N/A              | Mar. 12, 2026~<br>Mar. 21, 2026 | N/A           | Conducted<br>(TH05-HY) |
| Hygrometer                   | TECPEL          | DTM-303A                       | TP201996       | -10 ~ 50°C / 20<br>~ 95%RH          | Nov. 04,2025     | Mar. 12, 2026~<br>Mar. 21, 2026 | Nov. 11,2026  | Conducted<br>(TH05-HY) |



## 6 Measurement Uncertainty

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 6.5 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.6 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.6 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.2dB |
|-------------------------------------------------------------------------|-------|

## Appendix A. Test Results of Conducted Test

### Conducted Output Power (Average power and EIRP)

| Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                               | 1                  | 0         | QPSK    | 22.75  | 22.62  | 22.21   | 22.87      | 0.1936   |
| 20                                                               | 1                  | 49        |         | 22.83  | 22.53  | 22.25   |            |          |
| 20                                                               | 1                  | 99        |         | 22.87  | 22.40  | 22.22   |            |          |
| 20                                                               | 50                 | 0         |         | 21.78  | 21.58  | 21.24   |            |          |
| 20                                                               | 50                 | 24        |         | 21.82  | 21.52  | 21.22   |            |          |
| 20                                                               | 50                 | 50        |         | 21.83  | 21.49  | 21.25   |            |          |
| 20                                                               | 100                | 0         |         | 21.80  | 21.54  | 21.24   |            |          |
| 20                                                               | 1                  | 0         | 16-QAM  | 21.69  | 21.58  | 21.24   | 21.80      | 0.1514   |
| 20                                                               | 1                  | 49        |         | 21.76  | 21.56  | 21.29   |            |          |
| 20                                                               | 1                  | 99        |         | 21.80  | 21.40  | 21.29   |            |          |
| 20                                                               | 50                 | 0         |         | 20.84  | 20.63  | 20.31   |            |          |
| 20                                                               | 50                 | 24        |         | 20.89  | 20.60  | 20.29   |            |          |
| 20                                                               | 50                 | 50        |         | 20.91  | 20.54  | 20.31   |            |          |
| 20                                                               | 100                | 0         |         | 20.86  | 20.58  | 20.28   |            |          |
| 20                                                               | 1                  | 0         | 64-QAM  | 20.44  | 20.33  | 19.83   | 20.56      | 0.1138   |
| 20                                                               | 1                  | 49        |         | 20.51  | 20.23  | 19.88   |            |          |
| 20                                                               | 1                  | 99        |         | 20.56  | 20.10  | 19.88   |            |          |
| 20                                                               | 50                 | 0         |         | 19.85  | 19.62  | 19.26   |            |          |
| 20                                                               | 50                 | 24        |         | 19.88  | 19.57  | 19.24   |            |          |
| 20                                                               | 50                 | 50        |         | 19.89  | 19.53  | 19.26   |            |          |
| 20                                                               | 100                | 0         |         | 19.83  | 19.57  | 19.23   |            |          |
| 20                                                               | 1                  | 0         | 256-QAM | 17.55  | 17.48  | 17.08   | 17.90      | 0.0617   |
| 20                                                               | 1                  | 49        |         | 17.60  | 17.37  | 17.14   |            |          |
| 20                                                               | 1                  | 99        |         | 17.70  | 17.23  | 17.12   |            |          |
| 20                                                               | 50                 | 0         |         | 17.85  | 17.67  | 17.39   |            |          |
| 20                                                               | 50                 | 24        |         | 17.86  | 17.62  | 17.38   |            |          |
| 20                                                               | 50                 | 50        |         | 17.90  | 17.56  | 17.40   |            |          |
| 20                                                               | 100                | 0         |         | 17.80  | 17.59  | 17.33   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                               | 1                  | 0         | QPSK    | 22.71  | 22.61  | 22.18   | 22.80      | 0.1905   |
| 15                                                               | 1                  | 37        |         | 22.72  | 22.80  | 22.21   |            |          |
| 15                                                               | 1                  | 74        |         | 22.57  | 22.59  | 22.13   |            |          |
| 15                                                               | 36                 | 0         |         | 21.78  | 21.84  | 21.20   |            |          |
| 15                                                               | 36                 | 20        |         | 21.77  | 21.76  | 21.15   |            |          |
| 15                                                               | 36                 | 39        |         | 21.70  | 21.70  | 21.17   |            |          |
| 15                                                               | 75                 | 0         |         | 21.74  | 21.74  | 21.23   |            |          |
| 15                                                               | 1                  | 0         | 16-QAM  | 21.86  | 21.81  | 21.15   | 21.86      | 0.1535   |
| 15                                                               | 1                  | 37        |         | 21.78  | 21.71  | 21.29   |            |          |
| 15                                                               | 1                  | 74        |         | 21.61  | 21.60  | 21.28   |            |          |
| 15                                                               | 36                 | 0         |         | 20.91  | 20.89  | 20.28   |            |          |
| 15                                                               | 36                 | 20        |         | 20.85  | 20.80  | 20.19   |            |          |
| 15                                                               | 36                 | 39        |         | 20.68  | 20.75  | 20.21   |            |          |
| 15                                                               | 75                 | 0         |         | 20.85  | 20.85  | 20.22   |            |          |
| 15                                                               | 1                  | 0         | 64-QAM  | 20.55  | 20.49  | 19.78   | 20.55      | 0.1135   |
| 15                                                               | 1                  | 37        |         | 20.44  | 20.43  | 19.80   |            |          |
| 15                                                               | 1                  | 74        |         | 20.31  | 20.36  | 19.78   |            |          |
| 15                                                               | 36                 | 0         |         | 19.88  | 19.86  | 19.16   |            |          |
| 15                                                               | 36                 | 20        |         | 19.80  | 19.78  | 19.16   |            |          |
| 15                                                               | 36                 | 39        |         | 19.70  | 19.67  | 19.24   |            |          |
| 15                                                               | 75                 | 0         |         | 19.73  | 19.81  | 19.21   |            |          |
| 15                                                               | 1                  | 0         | 256-QAM | 17.69  | 17.69  | 17.04   | 17.94      | 0.0622   |
| 15                                                               | 1                  | 37        |         | 17.56  | 17.62  | 17.07   |            |          |
| 15                                                               | 1                  | 74        |         | 17.44  | 17.46  | 17.07   |            |          |
| 15                                                               | 36                 | 0         |         | 17.92  | 17.94  | 17.34   |            |          |
| 15                                                               | 36                 | 20        |         | 17.83  | 17.84  | 17.34   |            |          |
| 15                                                               | 36                 | 39        |         | 17.79  | 17.82  | 17.35   |            |          |
| 15                                                               | 75                 | 0         |         | 17.80  | 17.80  | 17.28   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                               | 1                  | 0         | QPSK    | 22.65  | 22.59  | 22.18   | 22.77      | 0.1892   |
| 10                                                               | 1                  | 25        |         | 22.76  | 22.77  | 22.24   |            |          |
| 10                                                               | 1                  | 49        |         | 22.58  | 22.58  | 22.13   |            |          |
| 10                                                               | 25                 | 0         |         | 21.80  | 21.82  | 21.20   |            |          |
| 10                                                               | 25                 | 12        |         | 21.69  | 21.69  | 21.13   |            |          |
| 10                                                               | 25                 | 25        |         | 21.69  | 21.71  | 21.21   |            |          |
| 10                                                               | 50                 | 0         |         | 21.75  | 21.75  | 21.19   |            |          |
| 10                                                               | 1                  | 0         | 16-QAM  | 21.79  | 21.83  | 21.18   | 21.83      | 0.1524   |
| 10                                                               | 1                  | 25        |         | 21.71  | 21.75  | 21.21   |            |          |
| 10                                                               | 1                  | 49        |         | 21.58  | 21.56  | 21.29   |            |          |
| 10                                                               | 25                 | 0         |         | 20.83  | 20.84  | 20.27   |            |          |
| 10                                                               | 25                 | 12        |         | 20.83  | 20.83  | 20.19   |            |          |
| 10                                                               | 25                 | 25        |         | 20.75  | 20.71  | 20.27   |            |          |
| 10                                                               | 50                 | 0         |         | 20.80  | 20.79  | 20.26   |            |          |
| 10                                                               | 1                  | 0         | 64-QAM  | 20.54  | 20.50  | 19.80   | 20.54      | 0.1132   |
| 10                                                               | 1                  | 25        |         | 20.52  | 20.47  | 19.79   |            |          |
| 10                                                               | 1                  | 49        |         | 20.27  | 20.31  | 19.84   |            |          |
| 10                                                               | 25                 | 0         |         | 19.84  | 19.90  | 19.25   |            |          |
| 10                                                               | 25                 | 12        |         | 19.82  | 19.85  | 19.20   |            |          |
| 10                                                               | 25                 | 25        |         | 19.67  | 19.68  | 19.25   |            |          |
| 10                                                               | 50                 | 0         |         | 19.79  | 19.82  | 19.17   |            |          |
| 10                                                               | 1                  | 0         | 256-QAM | 17.67  | 17.70  | 17.03   | 17.88      | 0.0614   |
| 10                                                               | 1                  | 25        |         | 17.57  | 17.56  | 17.04   |            |          |
| 10                                                               | 1                  | 49        |         | 17.41  | 17.44  | 17.06   |            |          |
| 10                                                               | 25                 | 0         |         | 17.85  | 17.88  | 17.33   |            |          |
| 10                                                               | 25                 | 12        |         | 17.82  | 17.87  | 17.33   |            |          |
| 10                                                               | 25                 | 25        |         | 17.74  | 17.78  | 17.34   |            |          |
| 10                                                               | 50                 | 0         |         | 17.78  | 17.76  | 17.29   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                | 1                  | 0         | QPSK    | 22.71  | 22.54  | 22.17   | 22.81      | 0.1910   |
| 5                                                                | 1                  | 12        |         | 22.80  | 22.81  | 22.18   |            |          |
| 5                                                                | 1                  | 24        |         | 22.64  | 22.58  | 22.12   |            |          |
| 5                                                                | 12                 | 0         |         | 21.81  | 21.84  | 21.22   |            |          |
| 5                                                                | 12                 | 7         |         | 21.75  | 21.71  | 21.21   |            |          |
| 5                                                                | 12                 | 13        |         | 21.70  | 21.62  | 21.16   |            |          |
| 5                                                                | 25                 | 0         |         | 21.74  | 21.70  | 21.23   |            |          |
| 5                                                                | 1                  | 0         | 16-QAM  | 21.83  | 21.80  | 21.17   | 21.83      | 0.1524   |
| 5                                                                | 1                  | 12        |         | 21.74  | 21.77  | 21.29   |            |          |
| 5                                                                | 1                  | 24        |         | 21.56  | 21.59  | 21.23   |            |          |
| 5                                                                | 12                 | 0         |         | 20.90  | 20.92  | 20.30   |            |          |
| 5                                                                | 12                 | 7         |         | 20.77  | 20.79  | 20.23   |            |          |
| 5                                                                | 12                 | 13        |         | 20.70  | 20.73  | 20.23   |            |          |
| 5                                                                | 25                 | 0         |         | 20.82  | 20.84  | 20.25   |            |          |
| 5                                                                | 1                  | 0         | 64-QAM  | 20.48  | 20.49  | 19.79   | 20.49      | 0.1119   |
| 5                                                                | 1                  | 12        |         | 20.43  | 20.45  | 19.85   |            |          |
| 5                                                                | 1                  | 24        |         | 20.26  | 20.29  | 19.81   |            |          |
| 5                                                                | 12                 | 0         |         | 19.90  | 19.91  | 19.16   |            |          |
| 5                                                                | 12                 | 7         |         | 19.80  | 19.85  | 19.16   |            |          |
| 5                                                                | 12                 | 13        |         | 19.69  | 19.68  | 19.20   |            |          |
| 5                                                                | 25                 | 0         |         | 19.74  | 19.79  | 19.19   |            |          |
| 5                                                                | 1                  | 0         | 256-QAM | 17.71  | 17.72  | 16.98   | 17.93      | 0.0621   |
| 5                                                                | 1                  | 12        |         | 17.55  | 17.58  | 17.07   |            |          |
| 5                                                                | 1                  | 24        |         | 17.44  | 17.44  | 17.06   |            |          |
| 5                                                                | 12                 | 0         |         | 17.89  | 17.93  | 17.33   |            |          |
| 5                                                                | 12                 | 7         |         | 17.89  | 17.88  | 17.34   |            |          |
| 5                                                                | 12                 | 13        |         | 17.80  | 17.73  | 17.40   |            |          |
| 5                                                                | 25                 | 0         |         | 17.74  | 17.77  | 17.24   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                               | 1                  | 0         | QPSK    | 22.68  | 22.80  | 22.94   | 22.94      | 0.1968   |
| 20                                                               | 1                  | 49        |         | 22.79  | 22.92  | 22.93   |            |          |
| 20                                                               | 1                  | 99        |         | 22.81  | 22.84  | 22.90   |            |          |
| 20                                                               | 50                 | 0         |         | 21.75  | 21.83  | 21.89   |            |          |
| 20                                                               | 50                 | 24        |         | 21.76  | 21.87  | 21.91   |            |          |
| 20                                                               | 50                 | 50        |         | 21.77  | 21.89  | 21.88   |            |          |
| 20                                                               | 100                | 0         |         | 21.78  | 21.88  | 21.90   |            |          |
| 20                                                               | 1                  | 0         | 16-QAM  | 21.74  | 21.85  | 21.87   | 21.98      | 0.1578   |
| 20                                                               | 1                  | 49        |         | 21.78  | 21.92  | 21.96   |            |          |
| 20                                                               | 1                  | 99        |         | 21.84  | 21.98  | 21.93   |            |          |
| 20                                                               | 50                 | 0         |         | 20.82  | 20.89  | 20.94   |            |          |
| 20                                                               | 50                 | 24        |         | 20.81  | 20.92  | 20.95   |            |          |
| 20                                                               | 50                 | 50        |         | 20.83  | 20.95  | 20.94   |            |          |
| 20                                                               | 100                | 0         |         | 20.83  | 20.93  | 20.96   |            |          |
| 20                                                               | 1                  | 0         | 64-QAM  | 20.35  | 20.44  | 20.50   | 20.60      | 0.1148   |
| 20                                                               | 1                  | 49        |         | 20.41  | 20.56  | 20.56   |            |          |
| 20                                                               | 1                  | 99        |         | 20.45  | 20.60  | 20.55   |            |          |
| 20                                                               | 50                 | 0         |         | 19.77  | 19.86  | 19.92   |            |          |
| 20                                                               | 50                 | 24        |         | 19.78  | 19.90  | 19.93   |            |          |
| 20                                                               | 50                 | 50        |         | 19.80  | 19.92  | 19.90   |            |          |
| 20                                                               | 100                | 0         |         | 19.77  | 19.88  | 19.92   |            |          |
| 20                                                               | 1                  | 0         | 256-QAM | 17.59  | 17.68  | 17.72   | 17.96      | 0.0625   |
| 20                                                               | 1                  | 49        |         | 17.64  | 17.78  | 17.81   |            |          |
| 20                                                               | 1                  | 99        |         | 17.70  | 17.81  | 17.79   |            |          |
| 20                                                               | 50                 | 0         |         | 17.81  | 17.89  | 17.95   |            |          |
| 20                                                               | 50                 | 24        |         | 17.81  | 17.92  | 17.96   |            |          |
| 20                                                               | 50                 | 50        |         | 17.82  | 17.94  | 17.94   |            |          |
| 20                                                               | 100                | 0         |         | 17.77  | 17.86  | 17.91   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                               | 1                  | 0         | QPSK    | 22.62  | 22.79  | 22.84   | 22.88      | 0.1941   |
| 15                                                               | 1                  | 37        |         | 22.85  | 22.88  | 22.85   |            |          |
| 15                                                               | 1                  | 74        |         | 22.78  | 22.78  | 22.82   |            |          |
| 15                                                               | 36                 | 0         |         | 21.77  | 21.80  | 21.80   |            |          |
| 15                                                               | 36                 | 20        |         | 21.79  | 21.80  | 21.82   |            |          |
| 15                                                               | 36                 | 39        |         | 21.79  | 21.82  | 21.80   |            |          |
| 15                                                               | 75                 | 0         |         | 21.79  | 21.81  | 21.79   |            |          |
| 15                                                               | 1                  | 0         | 16-QAM  | 21.79  | 21.76  | 21.85   | 21.97      | 0.1574   |
| 15                                                               | 1                  | 37        |         | 21.84  | 21.86  | 21.85   |            |          |
| 15                                                               | 1                  | 74        |         | 21.97  | 21.90  | 21.97   |            |          |
| 15                                                               | 36                 | 0         |         | 20.79  | 20.86  | 20.86   |            |          |
| 15                                                               | 36                 | 20        |         | 20.89  | 20.91  | 20.88   |            |          |
| 15                                                               | 36                 | 39        |         | 20.91  | 20.87  | 20.86   |            |          |
| 15                                                               | 75                 | 0         |         | 20.85  | 20.88  | 20.84   |            |          |
| 15                                                               | 1                  | 0         | 64-QAM  | 20.39  | 20.43  | 20.39   | 20.60      | 0.1148   |
| 15                                                               | 1                  | 37        |         | 20.48  | 20.55  | 20.52   |            |          |
| 15                                                               | 1                  | 74        |         | 20.60  | 20.56  | 20.51   |            |          |
| 15                                                               | 36                 | 0         |         | 19.82  | 19.85  | 19.84   |            |          |
| 15                                                               | 36                 | 20        |         | 19.89  | 19.89  | 19.84   |            |          |
| 15                                                               | 36                 | 39        |         | 19.86  | 19.84  | 19.82   |            |          |
| 15                                                               | 75                 | 0         |         | 19.83  | 19.81  | 19.85   |            |          |
| 15                                                               | 1                  | 0         | 256-QAM | 17.63  | 17.59  | 17.60   | 17.93      | 0.0621   |
| 15                                                               | 1                  | 37        |         | 17.73  | 17.77  | 17.74   |            |          |
| 15                                                               | 1                  | 74        |         | 17.73  | 17.71  | 17.75   |            |          |
| 15                                                               | 36                 | 0         |         | 17.86  | 17.89  | 17.85   |            |          |
| 15                                                               | 36                 | 20        |         | 17.87  | 17.82  | 17.83   |            |          |
| 15                                                               | 36                 | 39        |         | 17.93  | 17.87  | 17.86   |            |          |
| 15                                                               | 75                 | 0         |         | 17.77  | 17.86  | 17.80   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                               | 1                  | 0         | QPSK    | 22.63  | 22.76  | 22.84   | 22.91      | 0.1954   |
| 10                                                               | 1                  | 25        |         | 22.83  | 22.84  | 22.91   |            |          |
| 10                                                               | 1                  | 49        |         | 22.79  | 22.80  | 22.79   |            |          |
| 10                                                               | 25                 | 0         |         | 21.77  | 21.76  | 21.74   |            |          |
| 10                                                               | 25                 | 12        |         | 21.85  | 21.79  | 21.82   |            |          |
| 10                                                               | 25                 | 25        |         | 21.89  | 21.82  | 21.79   |            |          |
| 10                                                               | 50                 | 0         |         | 21.87  | 21.88  | 21.86   |            |          |
| 10                                                               | 1                  | 0         | 16-QAM  | 21.80  | 21.79  | 21.78   | 21.94      | 0.1563   |
| 10                                                               | 1                  | 25        |         | 21.88  | 21.87  | 21.88   |            |          |
| 10                                                               | 1                  | 49        |         | 21.94  | 21.91  | 21.93   |            |          |
| 10                                                               | 25                 | 0         |         | 20.83  | 20.79  | 20.85   |            |          |
| 10                                                               | 25                 | 12        |         | 20.84  | 20.84  | 20.83   |            |          |
| 10                                                               | 25                 | 25        |         | 20.88  | 20.85  | 20.88   |            |          |
| 10                                                               | 50                 | 0         |         | 20.83  | 20.90  | 20.85   |            |          |
| 10                                                               | 1                  | 0         | 64-QAM  | 20.38  | 20.37  | 20.41   | 20.57      | 0.1140   |
| 10                                                               | 1                  | 25        |         | 20.46  | 20.50  | 20.47   |            |          |
| 10                                                               | 1                  | 49        |         | 20.57  | 20.57  | 20.52   |            |          |
| 10                                                               | 25                 | 0         |         | 19.77  | 19.80  | 19.82   |            |          |
| 10                                                               | 25                 | 12        |         | 19.88  | 19.80  | 19.89   |            |          |
| 10                                                               | 25                 | 25        |         | 19.85  | 19.84  | 19.87   |            |          |
| 10                                                               | 50                 | 0         |         | 19.82  | 19.79  | 19.84   |            |          |
| 10                                                               | 1                  | 0         | 256-QAM | 17.63  | 17.68  | 17.68   | 17.91      | 0.0618   |
| 10                                                               | 1                  | 25        |         | 17.75  | 17.71  | 17.69   |            |          |
| 10                                                               | 1                  | 49        |         | 17.72  | 17.71  | 17.80   |            |          |
| 10                                                               | 25                 | 0         |         | 17.84  | 17.81  | 17.84   |            |          |
| 10                                                               | 25                 | 12        |         | 17.89  | 17.87  | 17.91   |            |          |
| 10                                                               | 25                 | 25        |         | 17.86  | 17.91  | 17.86   |            |          |
| 10                                                               | 50                 | 0         |         | 17.82  | 17.84  | 17.86   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                | 1                  | 0         | QPSK    | 22.59  | 22.79  | 22.93   | 22.93      | 0.1963   |
| 5                                                                | 1                  | 12        |         | 22.83  | 22.91  | 22.86   |            |          |
| 5                                                                | 1                  | 24        |         | 22.78  | 22.74  | 22.75   |            |          |
| 5                                                                | 12                 | 0         |         | 21.81  | 21.78  | 21.78   |            |          |
| 5                                                                | 12                 | 7         |         | 21.87  | 21.84  | 21.81   |            |          |
| 5                                                                | 12                 | 13        |         | 21.87  | 21.79  | 21.88   |            |          |
| 5                                                                | 25                 | 0         |         | 21.81  | 21.88  | 21.87   |            |          |
| 5                                                                | 1                  | 0         | 16-QAM  | 21.79  | 21.76  | 21.79   | 21.96      | 0.1570   |
| 5                                                                | 1                  | 12        |         | 21.85  | 21.82  | 21.82   |            |          |
| 5                                                                | 1                  | 24        |         | 21.96  | 21.92  | 21.88   |            |          |
| 5                                                                | 12                 | 0         |         | 20.86  | 20.80  | 20.80   |            |          |
| 5                                                                | 12                 | 7         |         | 20.90  | 20.87  | 20.89   |            |          |
| 5                                                                | 12                 | 13        |         | 20.95  | 20.90  | 20.92   |            |          |
| 5                                                                | 25                 | 0         |         | 20.87  | 20.93  | 20.92   |            |          |
| 5                                                                | 1                  | 0         | 64-QAM  | 20.36  | 20.40  | 20.44   | 20.59      | 0.1146   |
| 5                                                                | 1                  | 12        |         | 20.48  | 20.48  | 20.52   |            |          |
| 5                                                                | 1                  | 24        |         | 20.53  | 20.56  | 20.59   |            |          |
| 5                                                                | 12                 | 0         |         | 19.79  | 19.86  | 19.81   |            |          |
| 5                                                                | 12                 | 7         |         | 19.83  | 19.87  | 19.86   |            |          |
| 5                                                                | 12                 | 13        |         | 19.86  | 19.83  | 19.82   |            |          |
| 5                                                                | 25                 | 0         |         | 19.82  | 19.85  | 19.84   |            |          |
| 5                                                                | 1                  | 0         | 256-QAM | 17.58  | 17.66  | 17.63   | 17.94      | 0.0622   |
| 5                                                                | 1                  | 12        |         | 17.75  | 17.69  | 17.75   |            |          |
| 5                                                                | 1                  | 24        |         | 17.79  | 17.79  | 17.78   |            |          |
| 5                                                                | 12                 | 0         |         | 17.82  | 17.86  | 17.85   |            |          |
| 5                                                                | 12                 | 7         |         | 17.88  | 17.92  | 17.89   |            |          |
| 5                                                                | 12                 | 13        |         | 17.87  | 17.84  | 17.94   |            |          |
| 5                                                                | 25                 | 0         |         | 17.83  | 17.81  | 17.79   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                               | 1                  | 0         | QPSK    | 22.83  | 22.28  | 22.20   | 22.83      | 0.1919   |
| 20                                                               | 1                  | 49        |         | 22.78  | 22.22  | 22.26   |            |          |
| 20                                                               | 1                  | 99        |         | 22.64  | 22.23  | 22.23   |            |          |
| 20                                                               | 50                 | 0         |         | 21.79  | 21.23  | 21.22   |            |          |
| 20                                                               | 50                 | 24        |         | 21.74  | 21.22  | 21.23   |            |          |
| 20                                                               | 50                 | 50        |         | 21.70  | 21.23  | 21.21   |            |          |
| 20                                                               | 100                | 0         |         | 21.76  | 21.23  | 21.24   |            |          |
| 20                                                               | 1                  | 0         | 16-QAM  | 21.80  | 21.23  | 21.25   | 21.80      | 0.1514   |
| 20                                                               | 1                  | 49        |         | 21.75  | 21.22  | 21.30   |            |          |
| 20                                                               | 1                  | 99        |         | 21.63  | 21.24  | 21.29   |            |          |
| 20                                                               | 50                 | 0         |         | 20.88  | 20.30  | 20.28   |            |          |
| 20                                                               | 50                 | 24        |         | 20.81  | 20.28  | 20.29   |            |          |
| 20                                                               | 50                 | 50        |         | 20.76  | 20.29  | 20.27   |            |          |
| 20                                                               | 100                | 0         |         | 20.81  | 20.29  | 20.29   |            |          |
| 20                                                               | 1                  | 0         | 64-QAM  | 20.51  | 19.94  | 19.85   | 20.51      | 0.1125   |
| 20                                                               | 1                  | 49        |         | 20.45  | 19.89  | 19.88   |            |          |
| 20                                                               | 1                  | 99        |         | 20.34  | 19.89  | 19.87   |            |          |
| 20                                                               | 50                 | 0         |         | 19.88  | 19.27  | 19.23   |            |          |
| 20                                                               | 50                 | 24        |         | 19.80  | 19.26  | 19.26   |            |          |
| 20                                                               | 50                 | 50        |         | 19.75  | 19.27  | 19.22   |            |          |
| 20                                                               | 100                | 0         |         | 19.78  | 19.25  | 19.24   |            |          |
| 20                                                               | 1                  | 0         | 256-QAM | 17.64  | 17.16  | 17.13   | 17.90      | 0.0617   |
| 20                                                               | 1                  | 49        |         | 17.18  | 17.14  | 17.19   |            |          |
| 20                                                               | 1                  | 99        |         | 17.46  | 17.13  | 17.13   |            |          |
| 20                                                               | 50                 | 0         |         | 17.90  | 17.39  | 17.43   |            |          |
| 20                                                               | 50                 | 24        |         | 17.84  | 17.37  | 17.42   |            |          |
| 20                                                               | 50                 | 50        |         | 17.79  | 17.39  | 17.40   |            |          |
| 20                                                               | 100                | 0         |         | 17.79  | 17.33  | 17.36   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                               | 1                  | 0         | QPSK    | 22.82  | 22.27  | 22.14   | 22.82      | 0.1914   |
| 15                                                               | 1                  | 37        |         | 22.21  | 22.13  | 22.18   |            |          |
| 15                                                               | 1                  | 74        |         | 22.15  | 22.21  | 22.14   |            |          |
| 15                                                               | 36                 | 0         |         | 21.17  | 21.18  | 21.19   |            |          |
| 15                                                               | 36                 | 20        |         | 21.21  | 21.16  | 21.14   |            |          |
| 15                                                               | 36                 | 39        |         | 21.21  | 21.18  | 21.13   |            |          |
| 15                                                               | 75                 | 0         |         | 21.23  | 21.18  | 21.16   |            |          |
| 15                                                               | 1                  | 0         | 16-QAM  | 21.20  | 21.13  | 21.15   | 21.23      | 0.1327   |
| 15                                                               | 1                  | 37        |         | 21.17  | 21.14  | 21.22   |            |          |
| 15                                                               | 1                  | 74        |         | 21.14  | 21.23  | 21.14   |            |          |
| 15                                                               | 36                 | 0         |         | 20.23  | 20.24  | 20.25   |            |          |
| 15                                                               | 36                 | 20        |         | 20.21  | 20.19  | 20.22   |            |          |
| 15                                                               | 36                 | 39        |         | 20.19  | 20.23  | 20.28   |            |          |
| 15                                                               | 75                 | 0         |         | 20.27  | 20.24  | 20.19   |            |          |
| 15                                                               | 1                  | 0         | 64-QAM  | 19.92  | 19.93  | 19.87   | 19.93      | 0.0984   |
| 15                                                               | 1                  | 37        |         | 19.84  | 19.86  | 19.87   |            |          |
| 15                                                               | 1                  | 74        |         | 19.88  | 19.81  | 19.87   |            |          |
| 15                                                               | 36                 | 0         |         | 19.21  | 19.19  | 19.25   |            |          |
| 15                                                               | 36                 | 20        |         | 19.23  | 19.17  | 19.16   |            |          |
| 15                                                               | 36                 | 39        |         | 19.23  | 19.24  | 19.18   |            |          |
| 15                                                               | 75                 | 0         |         | 19.15  | 19.20  | 19.15   |            |          |
| 15                                                               | 1                  | 0         | 256-QAM | 17.09  | 17.12  | 17.09   | 17.39      | 0.0548   |
| 15                                                               | 1                  | 37        |         | 17.09  | 17.04  | 17.07   |            |          |
| 15                                                               | 1                  | 74        |         | 17.06  | 17.03  | 17.10   |            |          |
| 15                                                               | 36                 | 0         |         | 17.39  | 17.36  | 17.37   |            |          |
| 15                                                               | 36                 | 20        |         | 17.30  | 17.37  | 17.33   |            |          |
| 15                                                               | 36                 | 39        |         | 17.29  | 17.32  | 17.35   |            |          |
| 15                                                               | 75                 | 0         |         | 17.33  | 17.32  | 17.32   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                               | 1                  | 0         | QPSK    | 22.76  | 22.22  | 22.11   | 22.76      | 0.1888   |
| 10                                                               | 1                  | 25        |         | 22.21  | 22.16  | 22.16   |            |          |
| 10                                                               | 1                  | 49        |         | 22.23  | 22.14  | 22.14   |            |          |
| 10                                                               | 25                 | 0         |         | 21.22  | 21.14  | 21.15   |            |          |
| 10                                                               | 25                 | 12        |         | 21.13  | 21.17  | 21.14   |            |          |
| 10                                                               | 25                 | 25        |         | 21.13  | 21.15  | 21.15   |            |          |
| 10                                                               | 50                 | 0         |         | 21.13  | 21.14  | 21.20   |            |          |
| 10                                                               | 1                  | 0         | 16-QAM  | 21.21  | 21.17  | 21.15   | 21.22      | 0.1324   |
| 10                                                               | 1                  | 25        |         | 21.22  | 21.19  | 21.17   |            |          |
| 10                                                               | 1                  | 49        |         | 21.14  | 21.17  | 21.15   |            |          |
| 10                                                               | 25                 | 0         |         | 20.23  | 20.22  | 20.26   |            |          |
| 10                                                               | 25                 | 12        |         | 20.28  | 20.18  | 20.22   |            |          |
| 10                                                               | 25                 | 25        |         | 20.20  | 20.22  | 20.28   |            |          |
| 10                                                               | 50                 | 0         |         | 20.21  | 20.26  | 20.21   |            |          |
| 10                                                               | 1                  | 0         | 64-QAM  | 19.85  | 19.89  | 19.84   | 19.89      | 0.0975   |
| 10                                                               | 1                  | 25        |         | 19.84  | 19.86  | 19.81   |            |          |
| 10                                                               | 1                  | 49        |         | 19.87  | 19.83  | 19.79   |            |          |
| 10                                                               | 25                 | 0         |         | 19.19  | 19.24  | 19.22   |            |          |
| 10                                                               | 25                 | 12        |         | 19.26  | 19.19  | 19.17   |            |          |
| 10                                                               | 25                 | 25        |         | 19.23  | 19.24  | 19.23   |            |          |
| 10                                                               | 50                 | 0         |         | 19.20  | 19.21  | 19.19   |            |          |
| 10                                                               | 1                  | 0         | 256-QAM | 17.14  | 17.16  | 17.14   | 17.39      | 0.0548   |
| 10                                                               | 1                  | 25        |         | 17.11  | 17.11  | 17.13   |            |          |
| 10                                                               | 1                  | 49        |         | 17.05  | 17.03  | 17.03   |            |          |
| 10                                                               | 25                 | 0         |         | 17.35  | 17.33  | 17.39   |            |          |
| 10                                                               | 25                 | 12        |         | 17.35  | 17.27  | 17.28   |            |          |
| 10                                                               | 25                 | 25        |         | 17.33  | 17.39  | 17.35   |            |          |
| 10                                                               | 50                 | 0         |         | 17.31  | 17.32  | 17.28   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

| Part 96 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0 dB) |                    |           |         |        |        |         |            |          |
|------------------------------------------------------------------|--------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size            | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                | 1                  | 0         | QPSK    | 22.73  | 22.22  | 22.13   | 22.73      | 0.1875   |
| 5                                                                | 1                  | 12        |         | 22.13  | 22.16  | 22.13   |            |          |
| 5                                                                | 1                  | 24        |         | 22.22  | 22.20  | 22.15   |            |          |
| 5                                                                | 12                 | 0         |         | 21.17  | 21.17  | 21.20   |            |          |
| 5                                                                | 12                 | 7         |         | 21.20  | 21.14  | 21.18   |            |          |
| 5                                                                | 12                 | 13        |         | 21.18  | 21.14  | 21.22   |            |          |
| 5                                                                | 25                 | 0         |         | 21.22  | 21.15  | 21.21   |            |          |
| 5                                                                | 1                  | 0         | 16-QAM  | 21.23  | 21.23  | 21.20   | 21.23      | 0.1327   |
| 5                                                                | 1                  | 12        |         | 21.14  | 21.12  | 21.19   |            |          |
| 5                                                                | 1                  | 24        |         | 21.17  | 21.14  | 21.17   |            |          |
| 5                                                                | 12                 | 0         |         | 20.27  | 20.23  | 20.20   |            |          |
| 5                                                                | 12                 | 7         |         | 20.24  | 20.22  | 20.18   |            |          |
| 5                                                                | 12                 | 13        |         | 20.20  | 20.26  | 20.22   |            |          |
| 5                                                                | 25                 | 0         |         | 20.28  | 20.22  | 20.26   |            |          |
| 5                                                                | 1                  | 0         | 64-QAM  | 19.94  | 19.88  | 19.91   | 19.94      | 0.0986   |
| 5                                                                | 1                  | 12        |         | 19.85  | 19.84  | 19.81   |            |          |
| 5                                                                | 1                  | 24        |         | 19.82  | 19.84  | 19.83   |            |          |
| 5                                                                | 12                 | 0         |         | 19.27  | 19.18  | 19.22   |            |          |
| 5                                                                | 12                 | 7         |         | 19.17  | 19.22  | 19.22   |            |          |
| 5                                                                | 12                 | 13        |         | 19.17  | 19.18  | 19.18   |            |          |
| 5                                                                | 25                 | 0         |         | 19.19  | 19.21  | 19.25   |            |          |
| 5                                                                | 1                  | 0         | 256-QAM | 17.15  | 17.09  | 17.08   | 17.37      | 0.0546   |
| 5                                                                | 1                  | 12        |         | 17.13  | 17.10  | 17.07   |            |          |
| 5                                                                | 1                  | 24        |         | 17.13  | 17.04  | 17.11   |            |          |
| 5                                                                | 12                 | 0         |         | 17.34  | 17.37  | 17.31   |            |          |
| 5                                                                | 12                 | 7         |         | 17.34  | 17.29  | 17.34   |            |          |
| 5                                                                | 12                 | 13        |         | 17.29  | 17.29  | 17.30   |            |          |
| 5                                                                | 25                 | 0         |         | 17.25  | 17.28  | 17.31   |            |          |
| Limit                                                            | EIRP < 23dBm/10MHz |           |         | Result |        |         | Pass       |          |

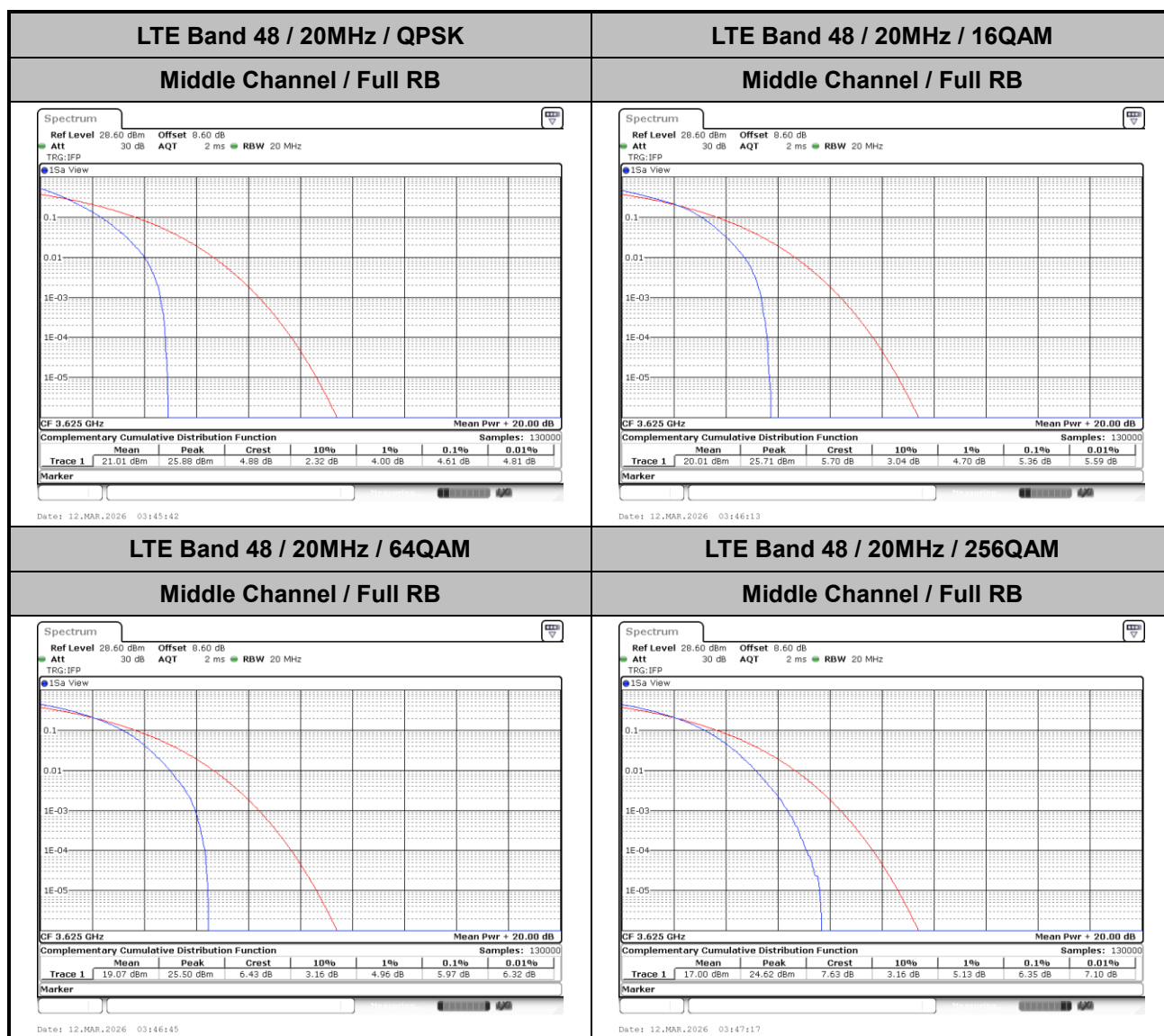
Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



## LTE Band 48

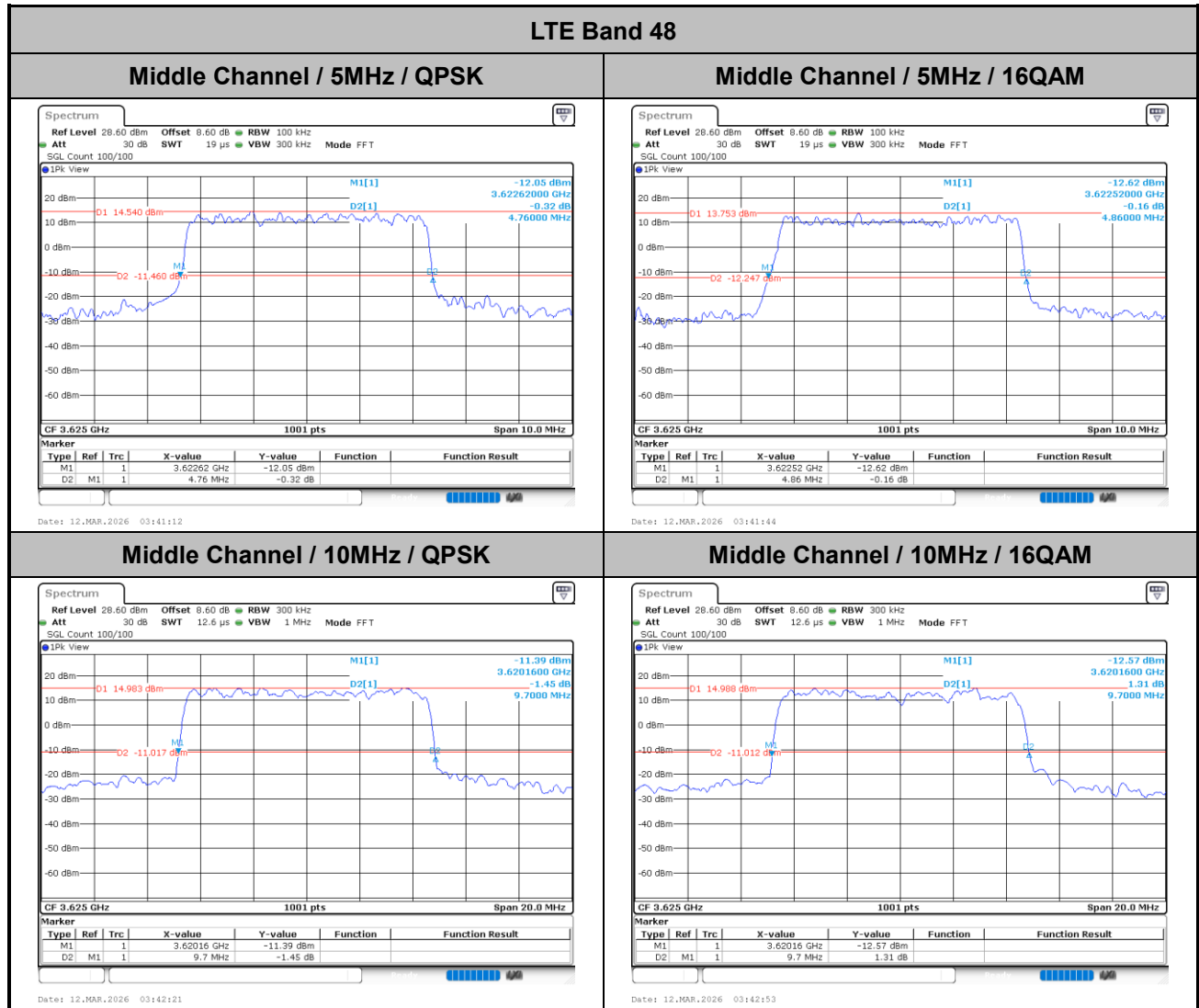
## Peak-to-Average Ratio

| Mode      | LTE Band 48 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 4.61                | 5.36    | 5.97    | 6.35    | PASS        |



**26dB Bandwidth**

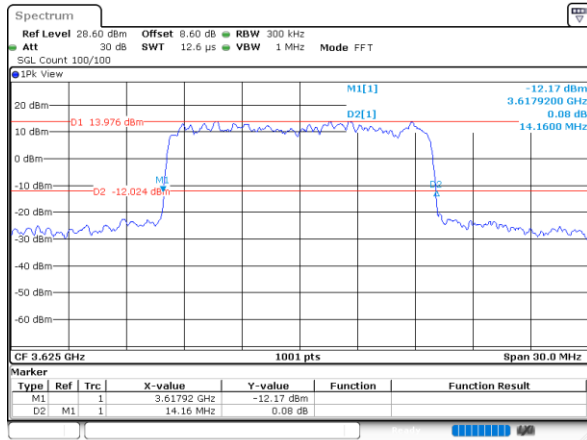
| Mode      | LTE Band 48 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | -                          | -     | -    | -     | 4.76 | 4.86  | 9.70  | 9.70  | 14.16 | 14.34 | 18.88 | 18.80 |





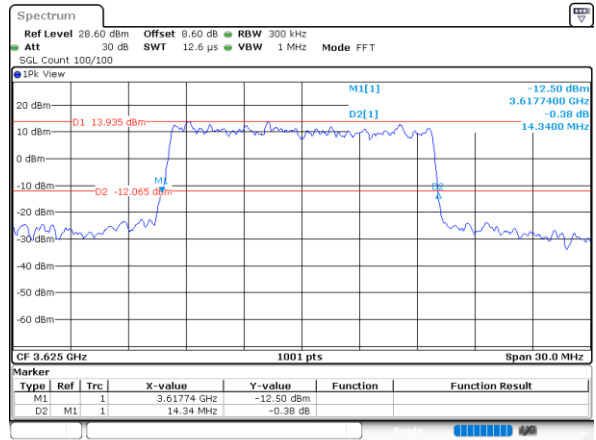
## LTE Band 48

## Middle Channel / 15MHz / QPSK



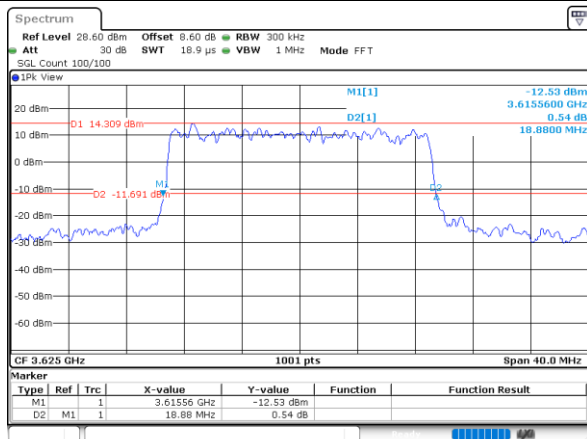
Date: 12.MAR.2026 03:43:30

## Middle Channel / 15MHz / 16QAM



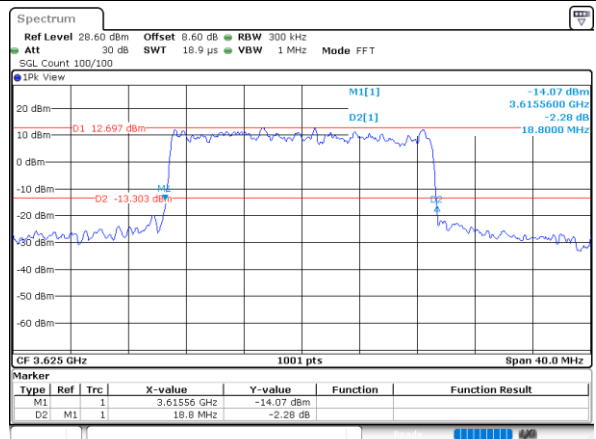
Date: 12.MAR.2026 03:44:02

## Middle Channel / 20MHz / QPSK



Date: 12.MAR.2026 03:44:39

## Middle Channel / 20MHz / 16QAM

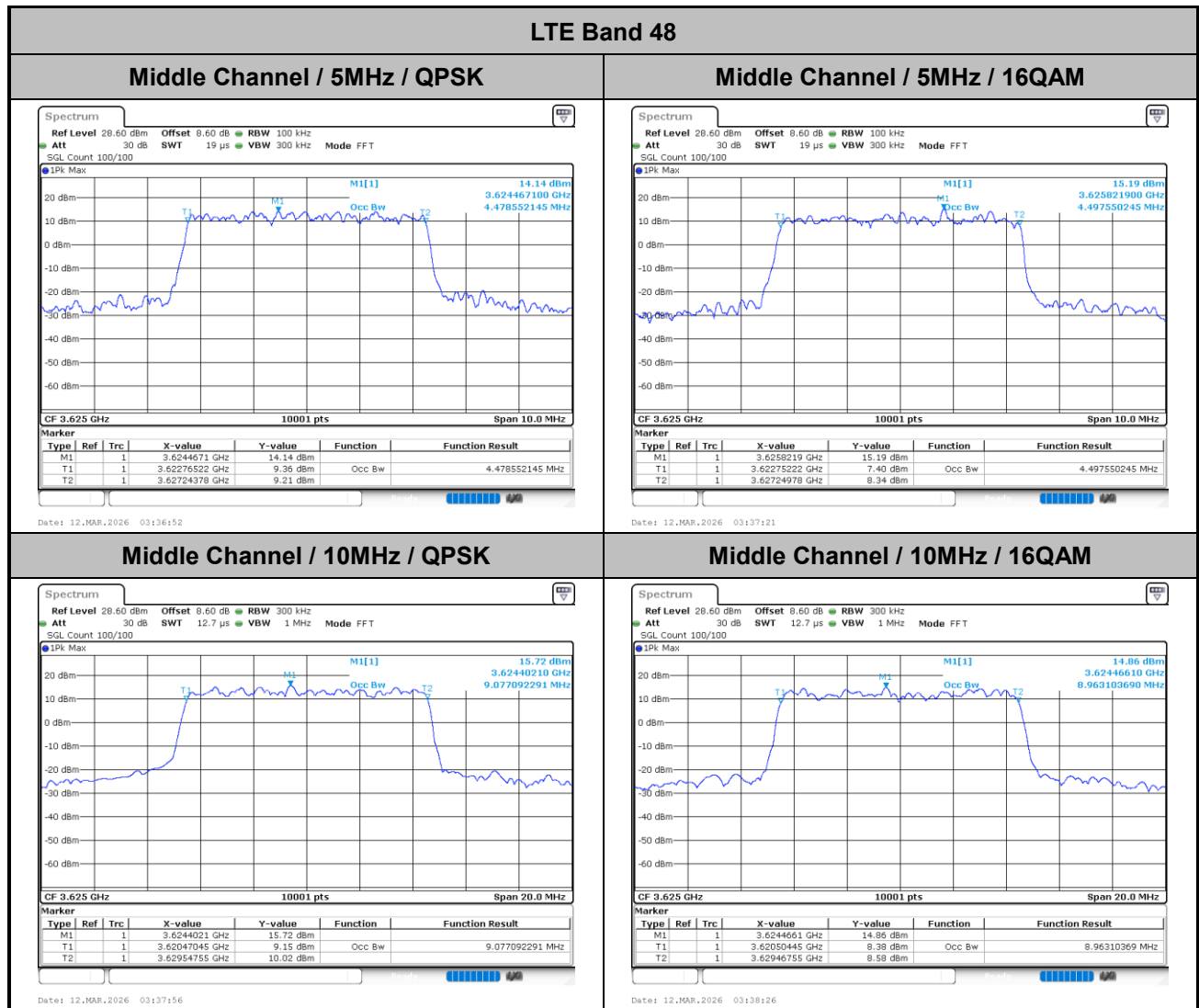


Date: 12.MAR.2026 03:45:10



## Occupied Bandwidth

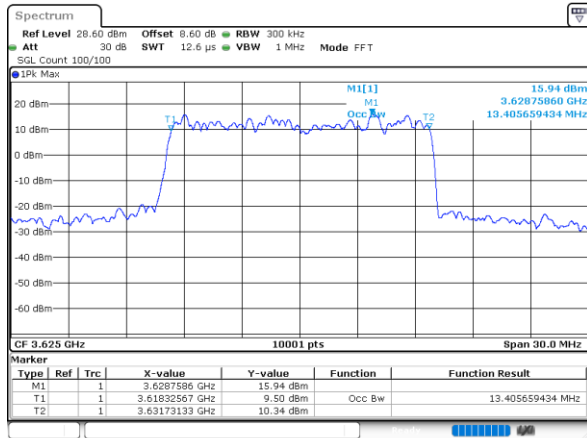
| Mode      | LTE Band 48 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | -                         | -     | -    | -     | 4.47 | 4.49  | 9.07  | 8.96  | 13.40 | 13.50 | 17.95 | 17.76 |



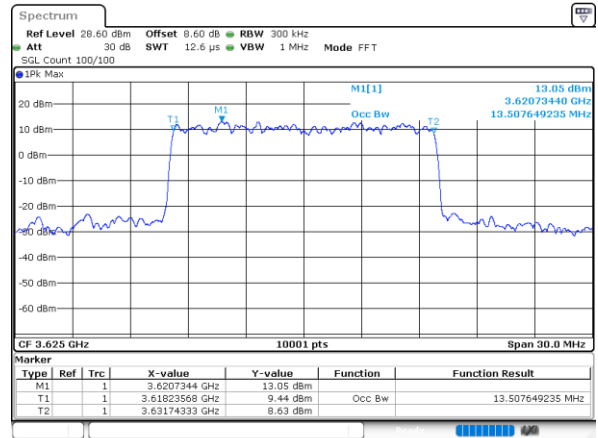


## LTE Band 48

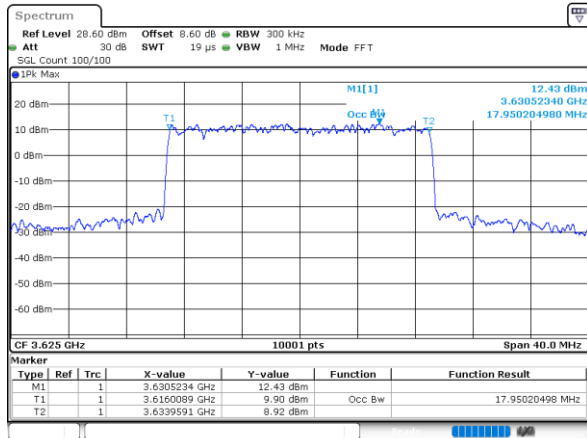
## Middle Channel / 15MHz / QPSK



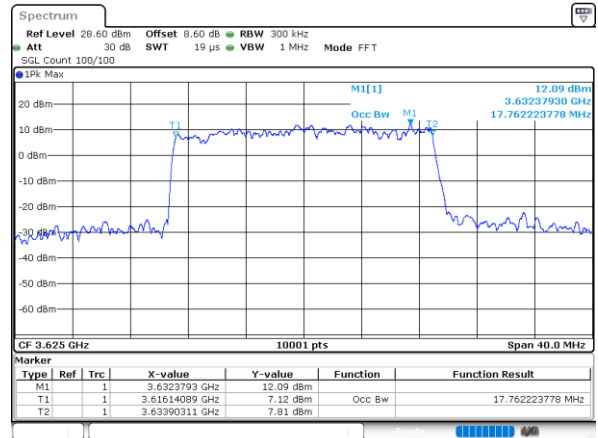
## Middle Channel / 15MHz / 16QAM



## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM



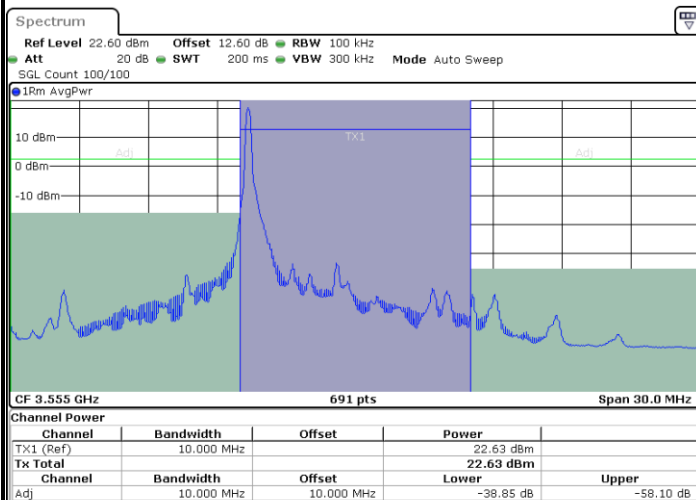


## ACLR

## LTE Band 48 / 5MHz

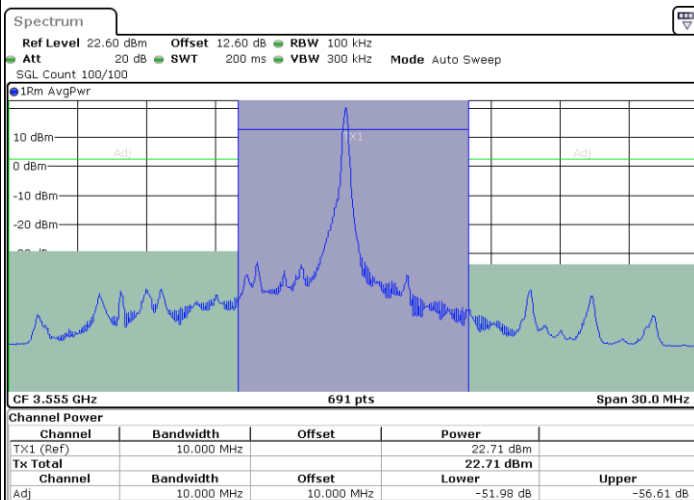
## QPSK

## Lowest Channel / 1RB0



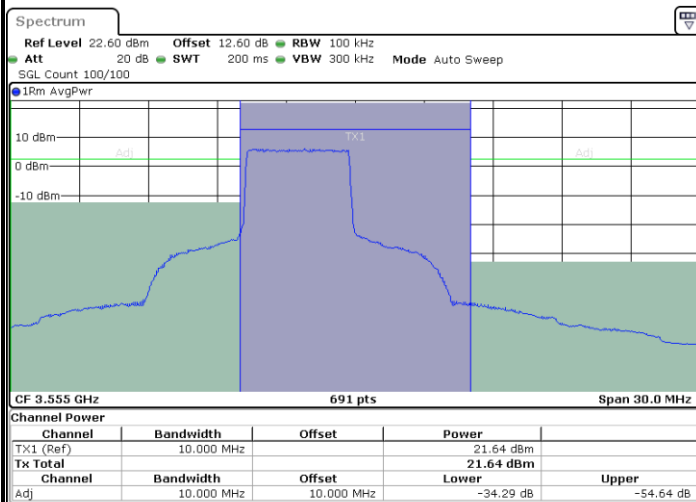
Date: 12.MAR.2026 03:48:10

## Lowest Channel / 1RBmax



Date: 12.MAR.2026 03:53:00

## Lowest Channel / FullIRB



Date: 12.MAR.2026 03:50:35

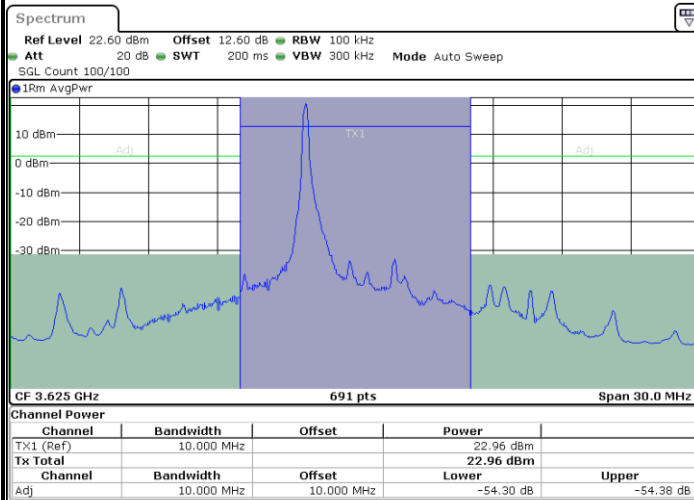
N/A



## LTE Band 48 / 5MHz

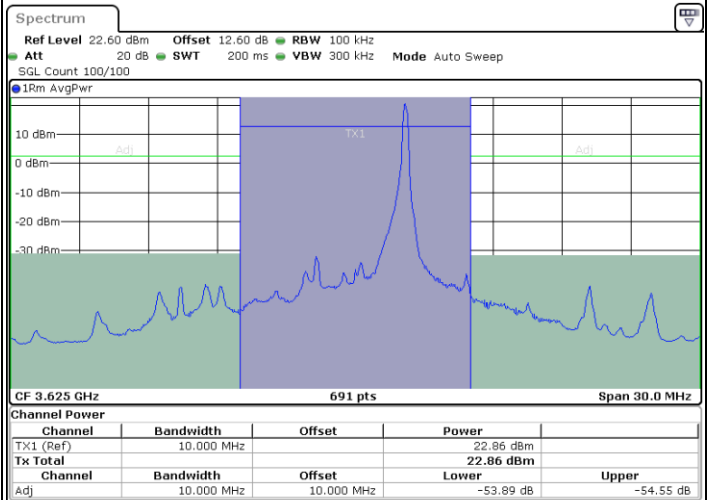
## QPSK

## Middle Channel / 1RB0



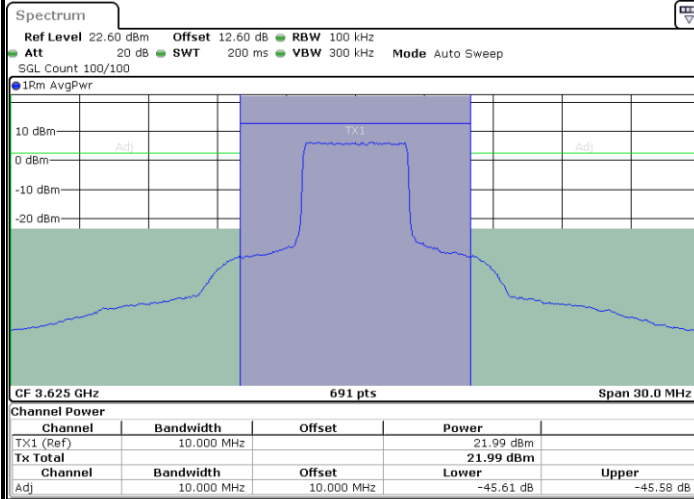
Date: 12.MAR.2026 03:48:58

## Middle Channel / 1RBmax



Date: 12.MAR.2026 03:53:49

## Middle Channel / FullRB



Date: 12.MAR.2026 03:51:23

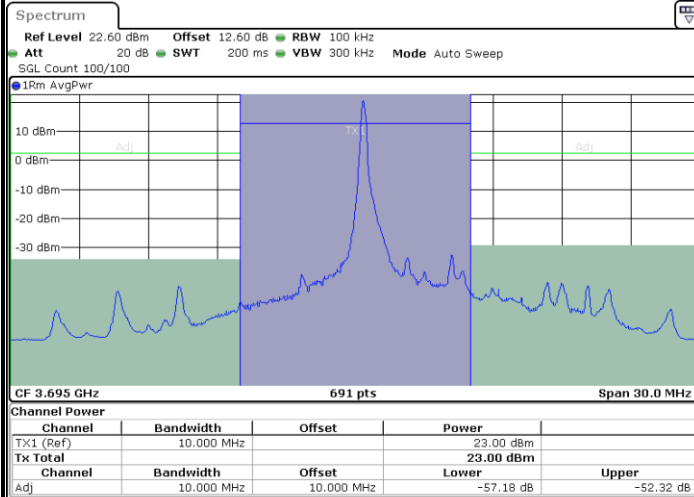
## N/A



## LTE Band 48 / 5MHz

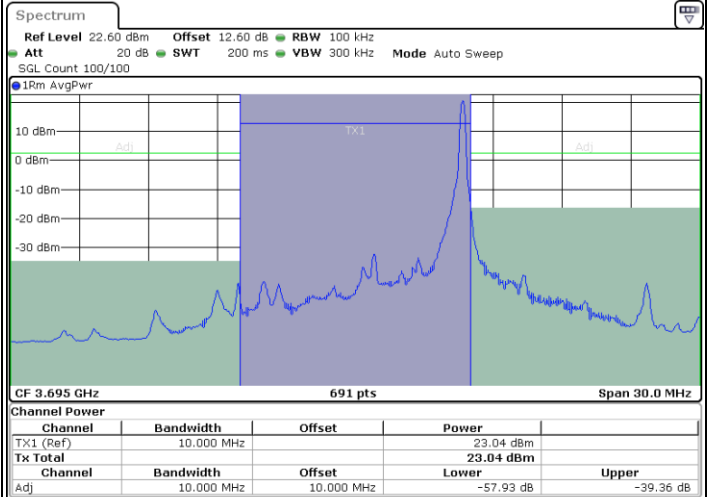
## QPSK

## Highest Channel / 1RB0



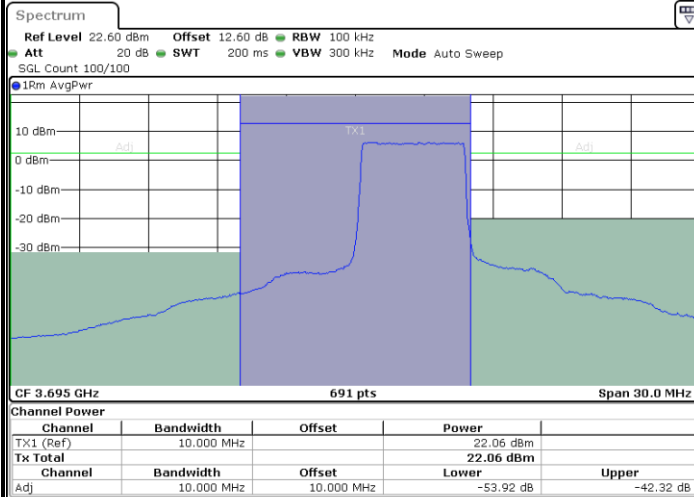
Date: 12.MAR.2026 03:49:47

## Highest Channel / 1RBmax



Date: 12.MAR.2026 03:54:38

## Highest Channel / FullRB



Date: 12.MAR.2026 03:52:12

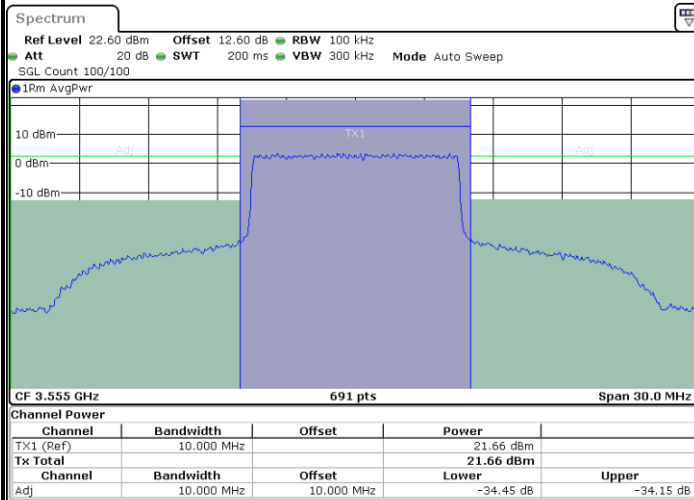
## N/A



## LTE Band 48 / 10MHz

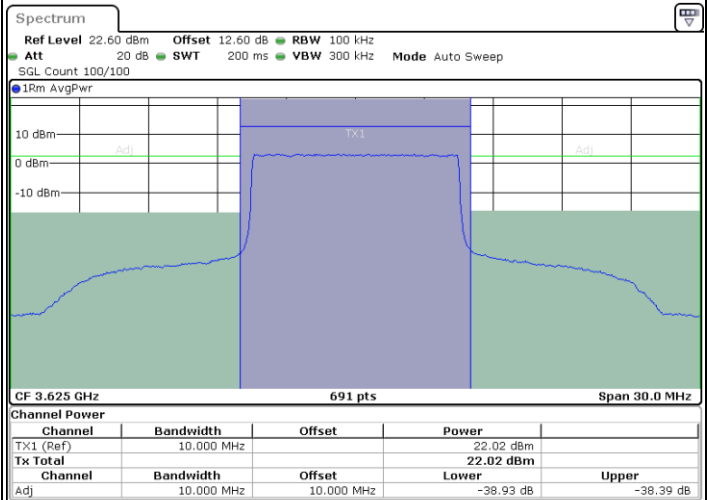
## QPSK

## Lowest Channel / FullIRB



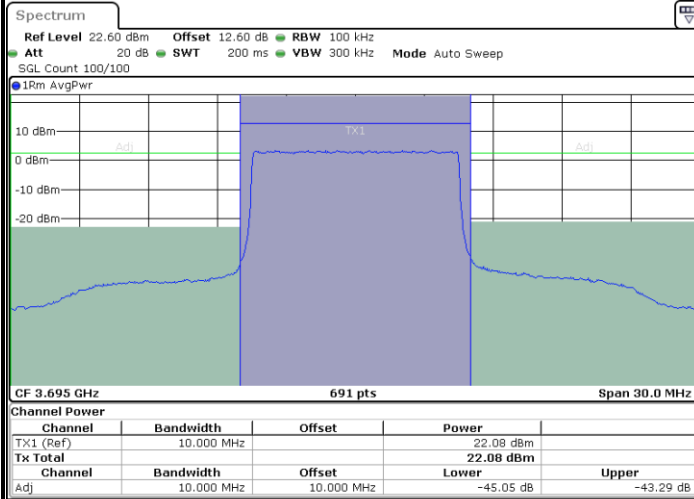
Date: 12.MAR.2026 03:55:31

## Middle Channel / FullIRB



Date: 12.MAR.2026 03:56:19

## Highest Channel / FullIRB



Date: 12.MAR.2026 03:57:08

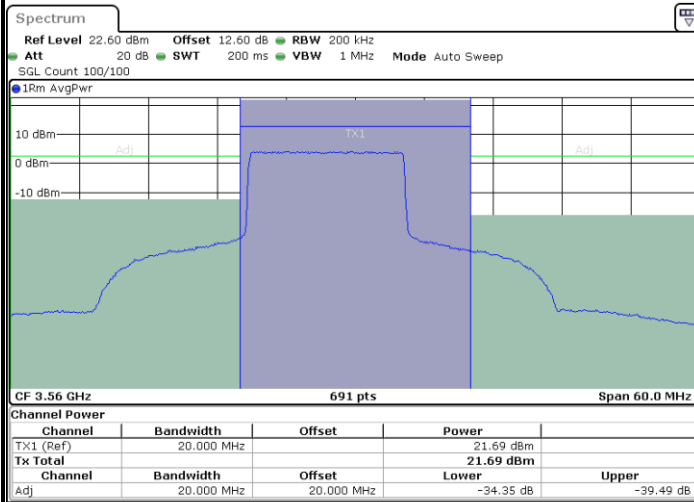
N/A



## LTE Band 48 / 15MHz

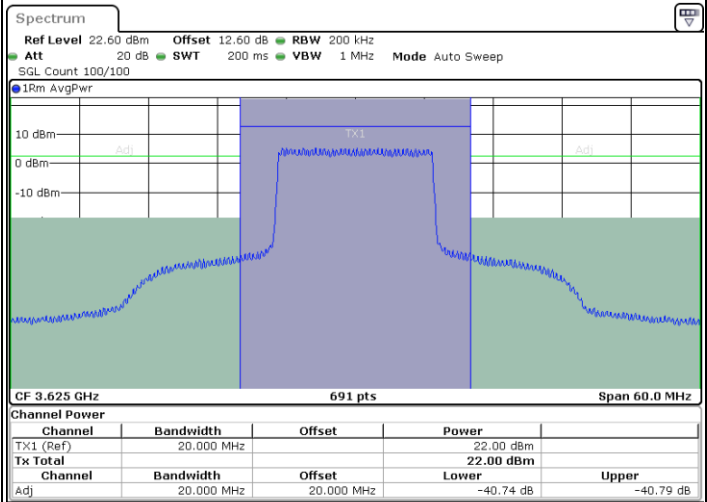
## QPSK

## Lowest Channel / FullIRB



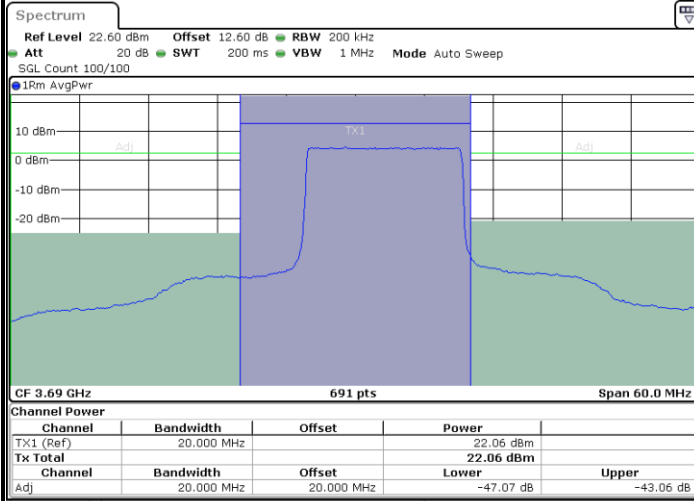
Date: 12.MAR.2026 03:58:01

## Middle Channel / FullIRB



Date: 12.MAR.2026 03:58:49

## Highest Channel / FullIRB



Date: 12.MAR.2026 03:59:36

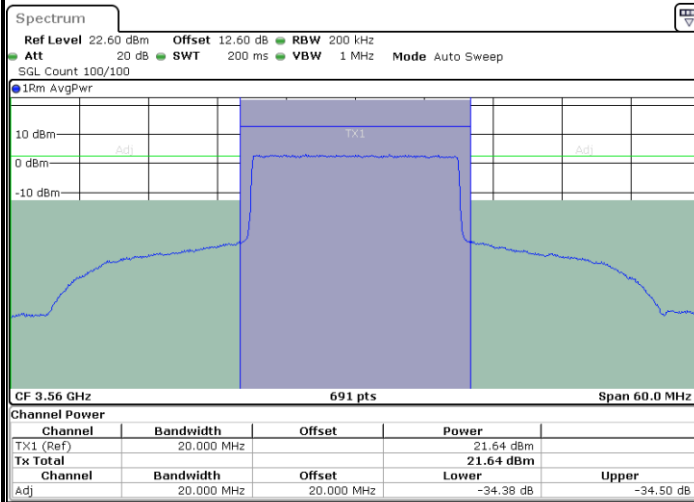
N/A



## LTE Band 48 / 20MHz

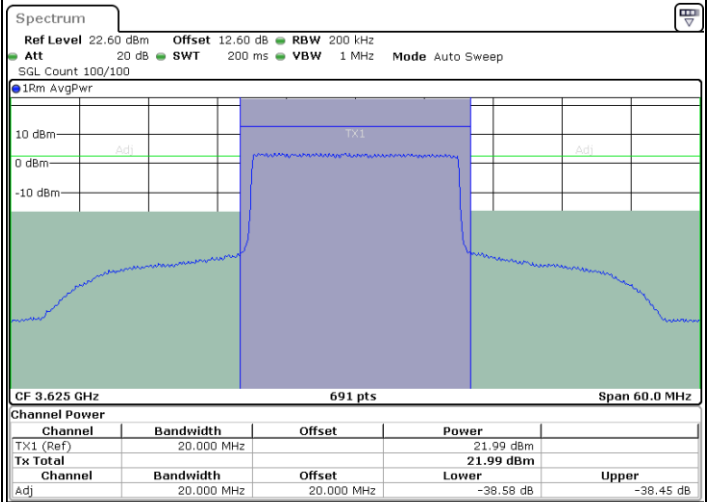
## QPSK

## Lowest Channel / FullIRB



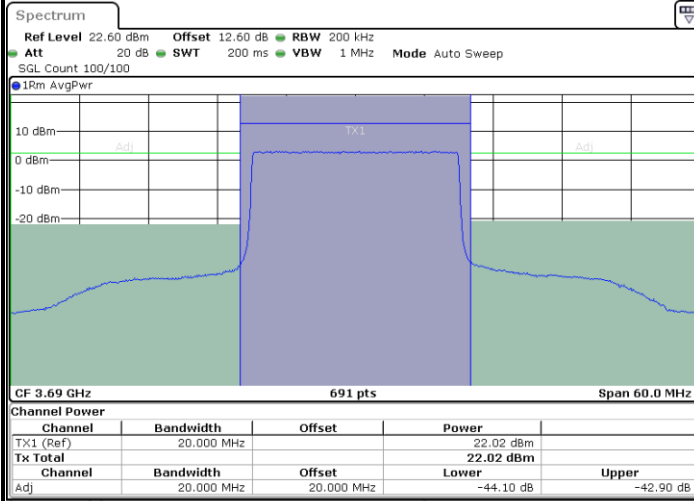
Date: 12.MAR.2026 04:00:29

## Middle Channel / FullIRB



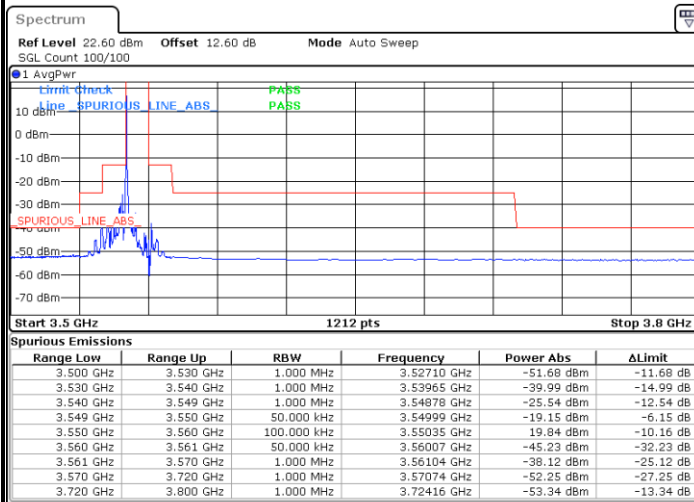
Date: 12.MAR.2026 04:01:17

## Highest Channel / FullIRB

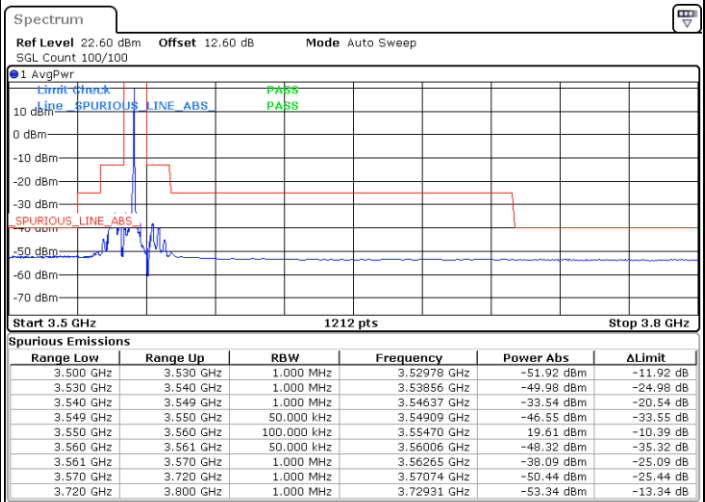


Date: 12.MAR.2026 04:02:04

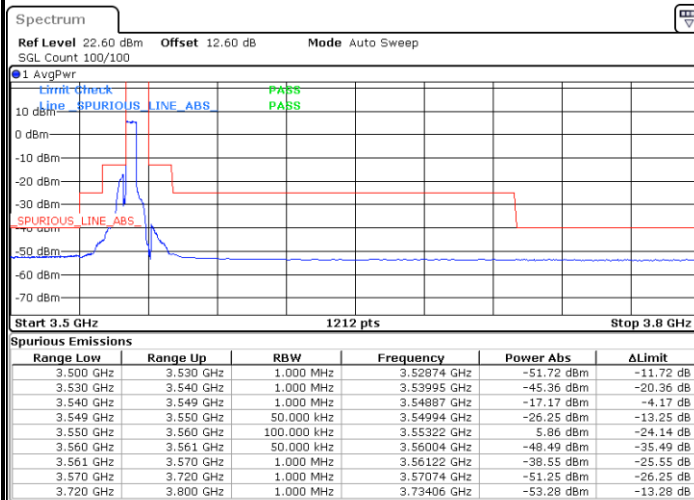
N/A

**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0**

Date: 12.MAR.2026 04:03:02

**Lowest Channel / 1RBmax**

Date: 12.MAR.2026 04:08:24

**Lowest Channel / FullIRB**

Date: 12.MAR.2026 04:05:45

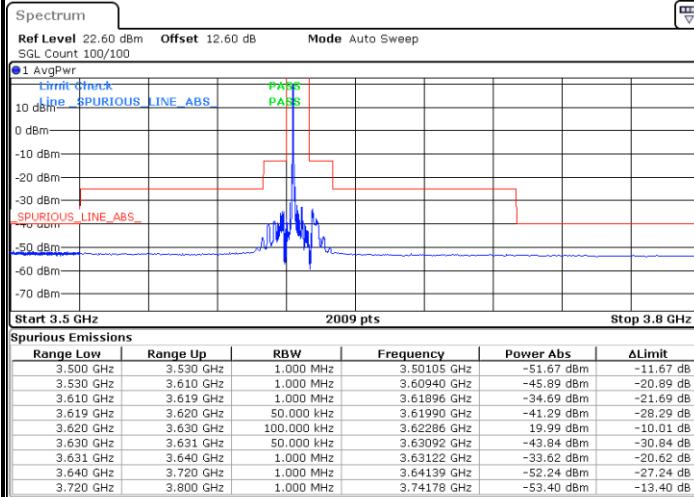
**N/A**



## LTE Band 48 / 5MHz

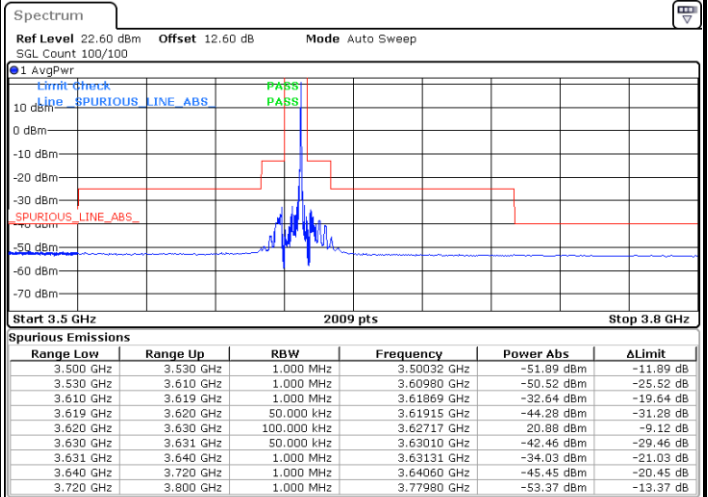
## QPSK

## Middle Channel / 1RB0



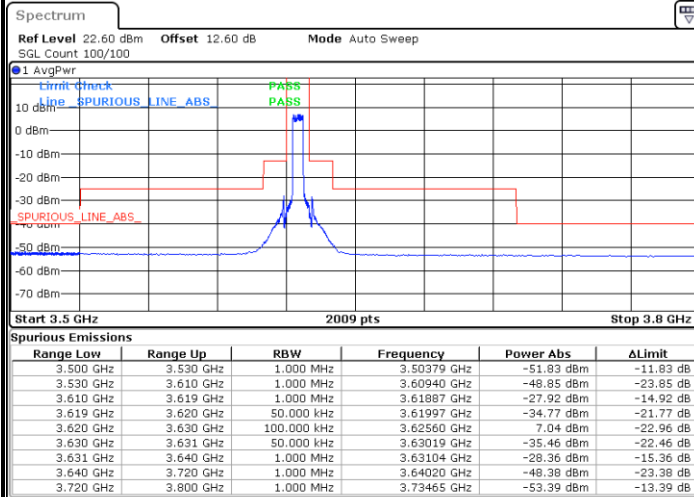
Date: 12.MAR.2026 04:03:55

## Middle Channel / 1RBmax



Date: 12.MAR.2026 04:09:17

## Middle Channel / FullRB



Date: 12.MAR.2026 04:06:38

N/A

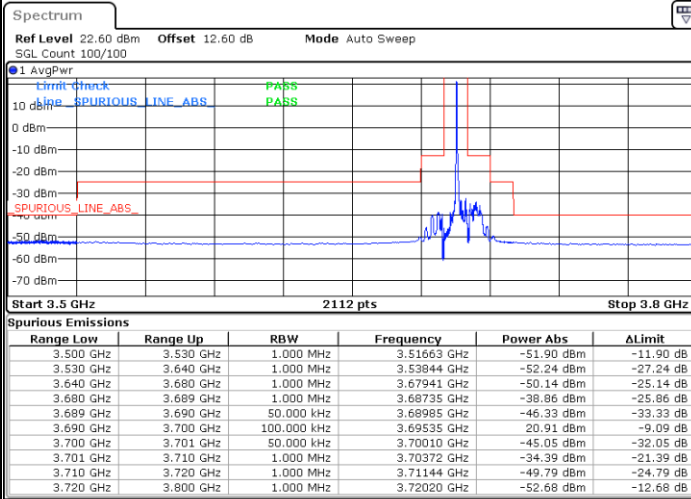


## LTE Band 48 / 5MHz

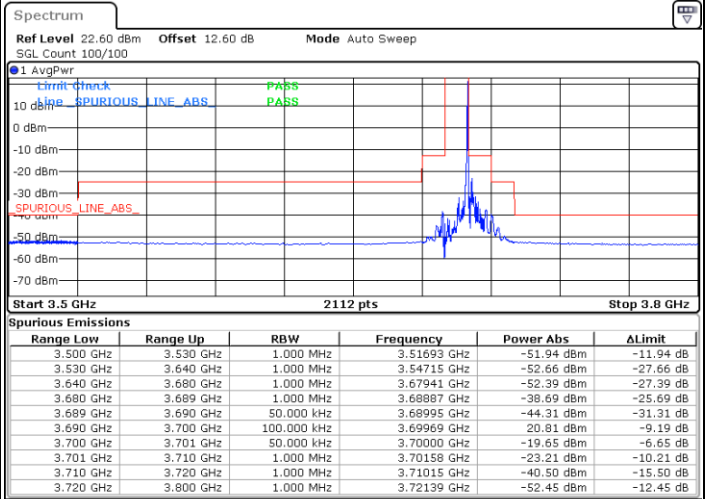
## QPSK

## Highest Channel / 1RB0

## Highest Channel / 1RBmax



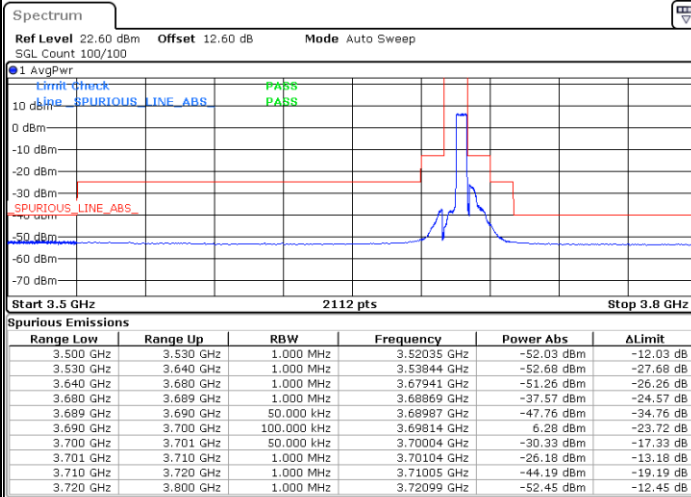
Date: 12.MAR.2026 04:04:52



Date: 12.MAR.2026 04:10:10

## Highest Channel / FullIRB

## N/A



Date: 12.MAR.2026 04:07:31

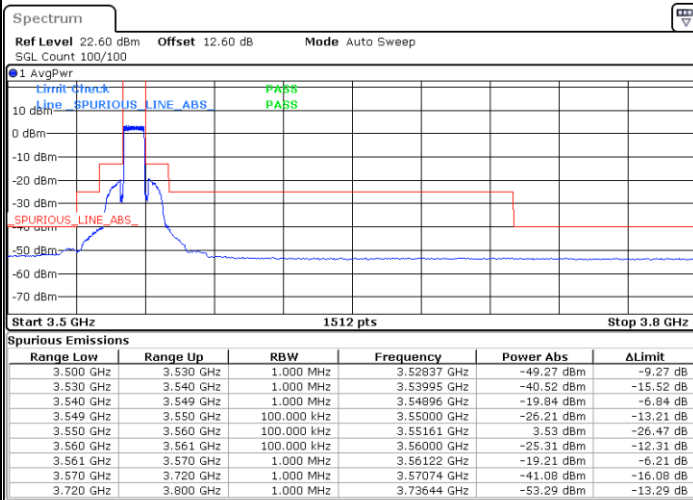


## LTE Band 48 / 10MHz

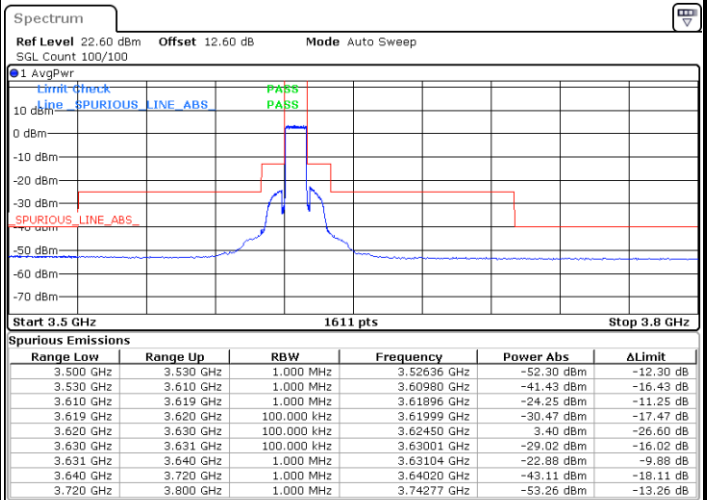
## QPSK

## Lowest Channel / FullIRB

## Middle Channel / FullIRB



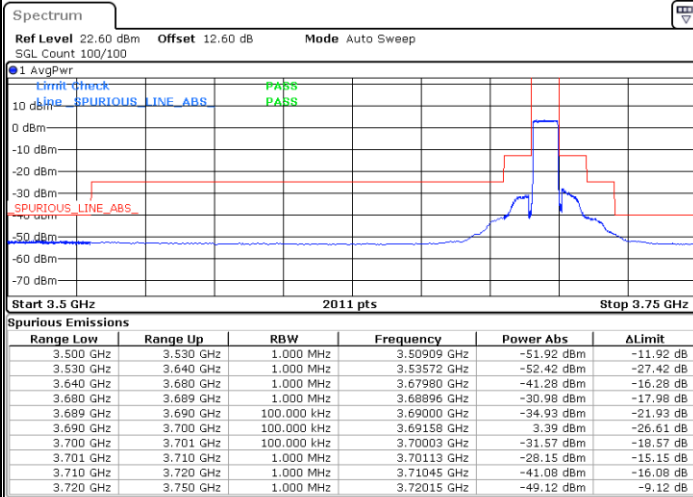
Date: 12.MAR.2026 04:11:08



Date: 12.MAR.2026 04:12:01

## Highest Channel / FullIRB

## N/A



Date: 12.MAR.2026 04:12:53

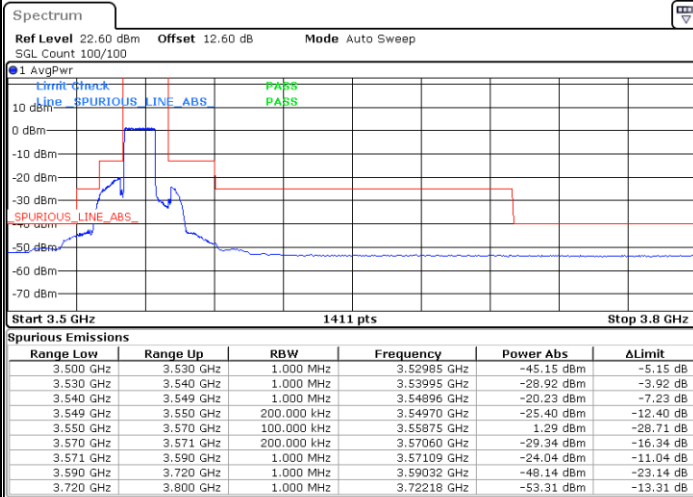


## LTE Band 48 / 15MHz

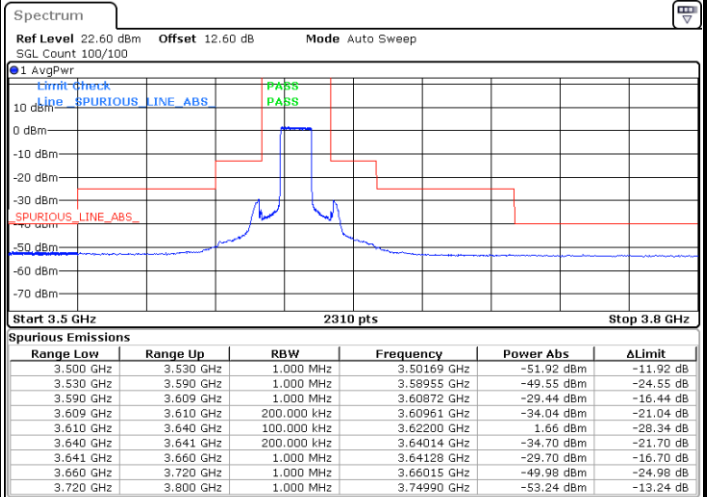
## QPSK

## Lowest Channel / FullIRB

## Middle Channel / FullIRB



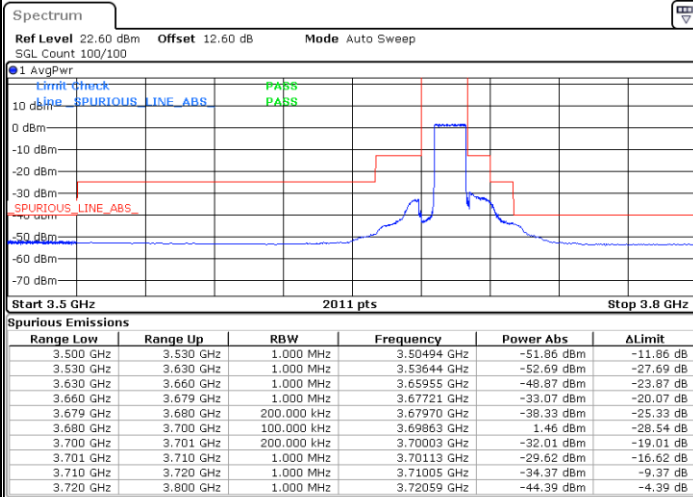
Date: 12.MAR.2026 04:13:51



Date: 12.MAR.2026 04:14:44

## Highest Channel / FullIRB

## N/A



Date: 12.MAR.2026 04:15:37

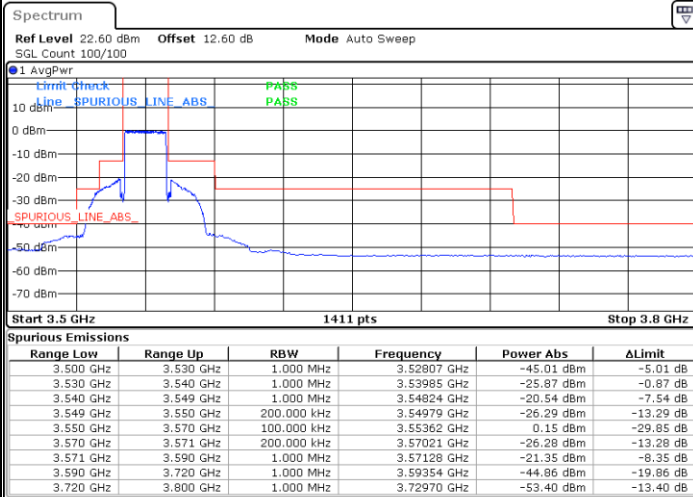


## LTE Band 48 / 20MHz

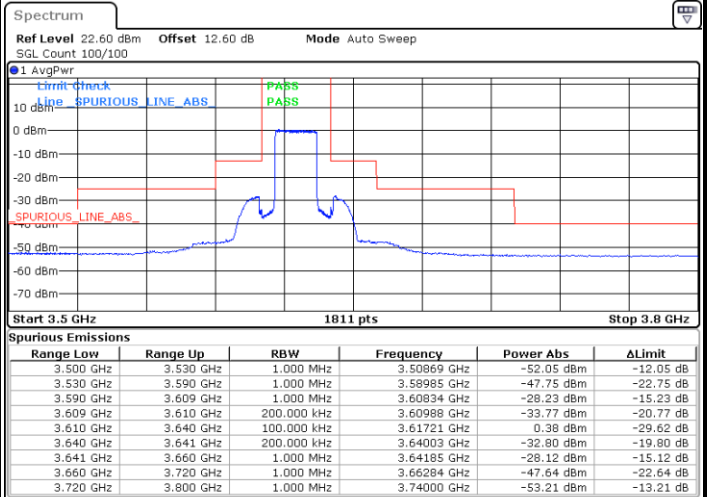
## QPSK

## Lowest Channel / FullIRB

## Middle Channel / FullIRB



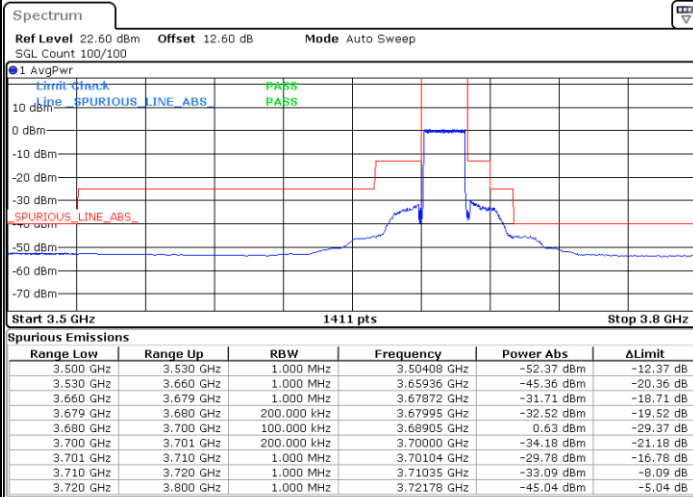
Date: 12.MAR.2026 04:16:35



Date: 12.MAR.2026 04:17:28

## Highest Channel / FullIRB

## N/A



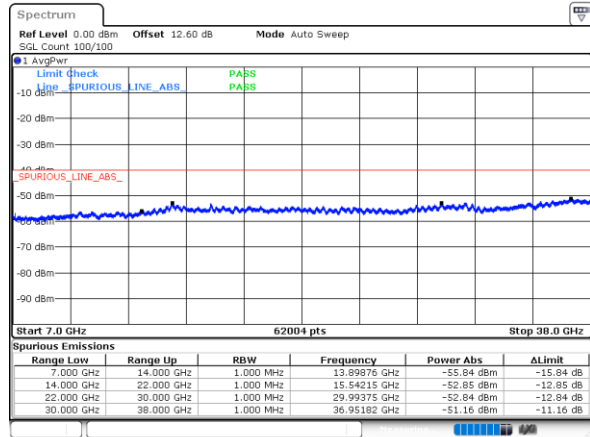
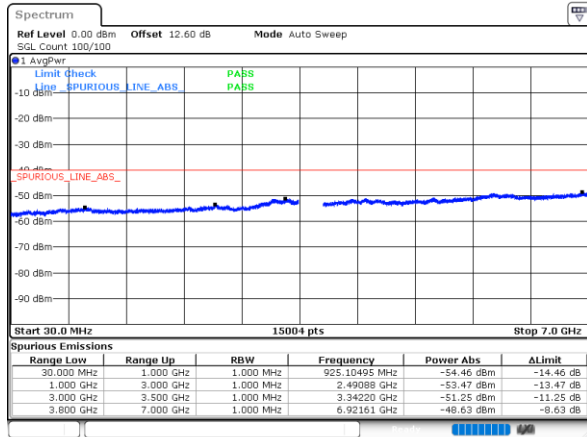
Date: 12.MAR.2026 04:18:20



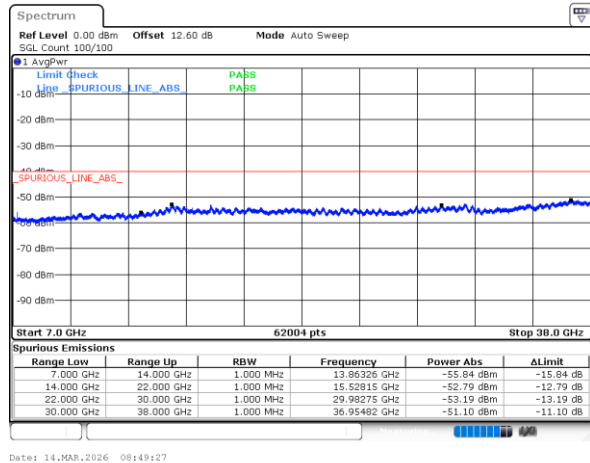
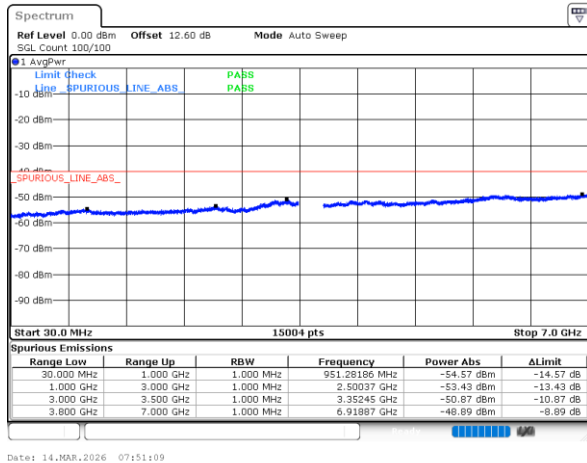
# Conducted Spurious Emission

## LTE Band 48 / 5MHz

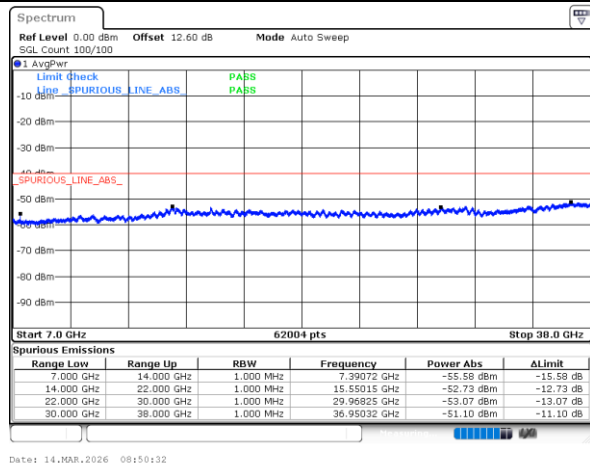
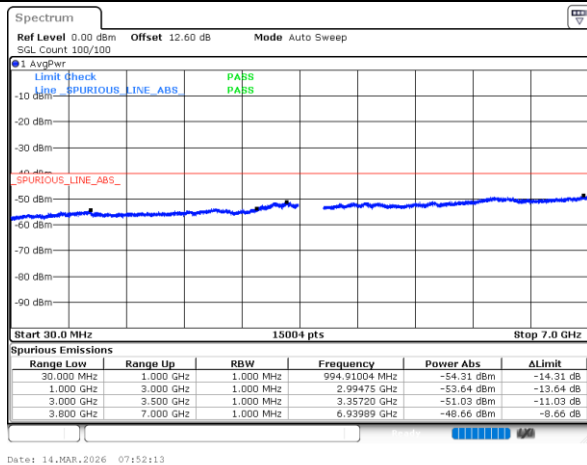
### Lowest Channel / QPSK



### Middle Channel / QPSK



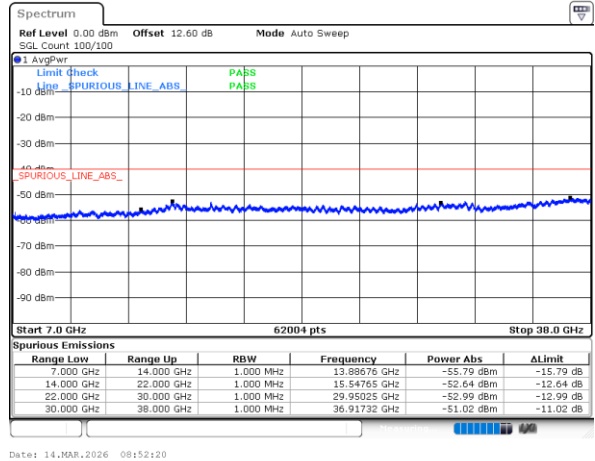
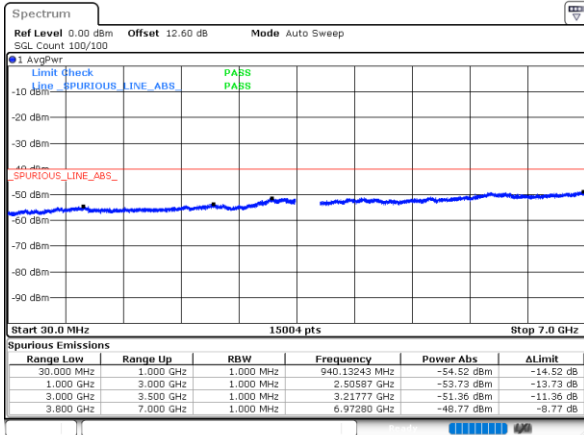
### Highest Channel / QPSK



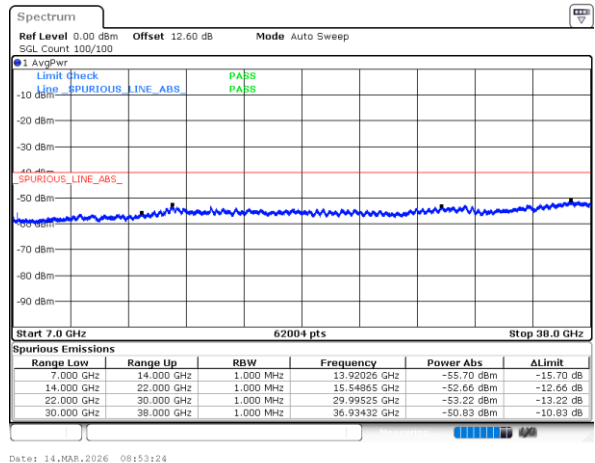
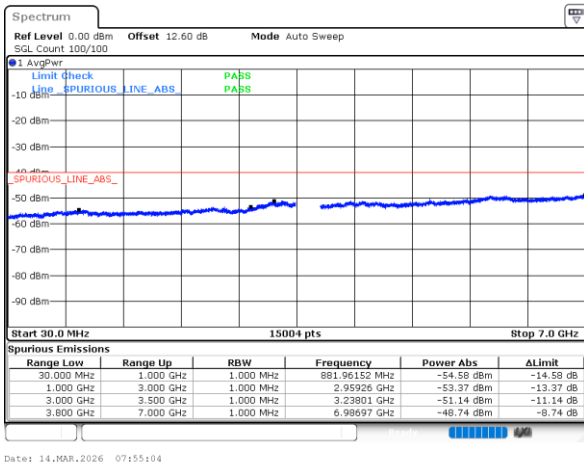


## LTE Band 48 / 10MHz

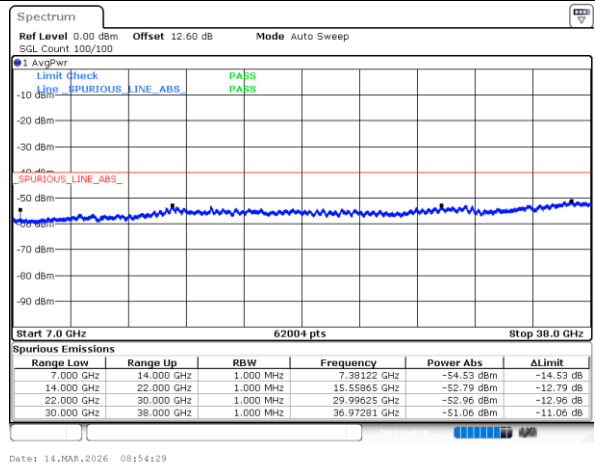
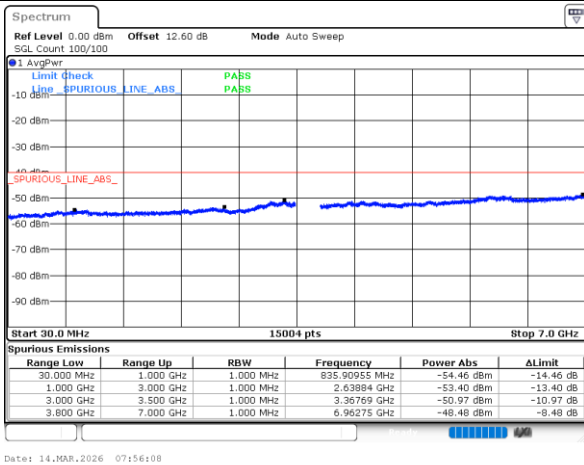
## Lowest Channel / QPSK



## Middle Channel / QPSK



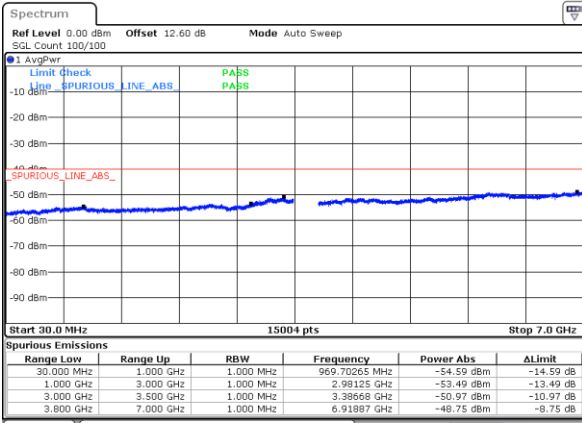
## Highest Channel / QPSK



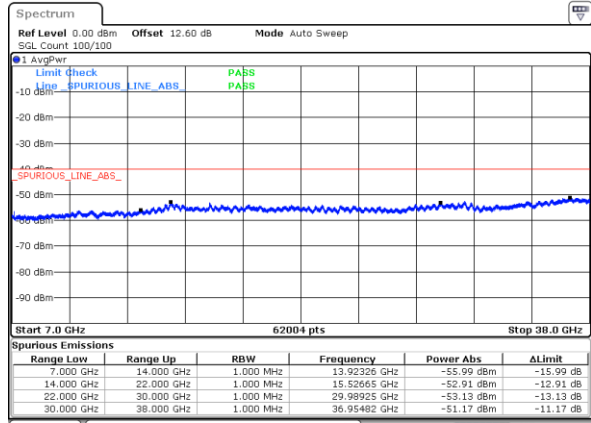


## LTE Band 48 / 15MHz

## Lowest Channel / QPSK

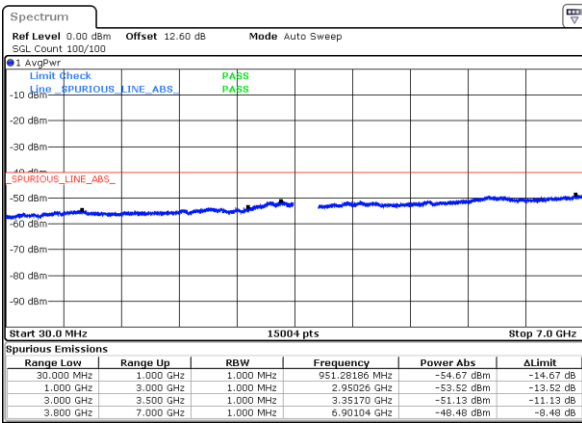


Date: 14.MAR.2026 07:57:56

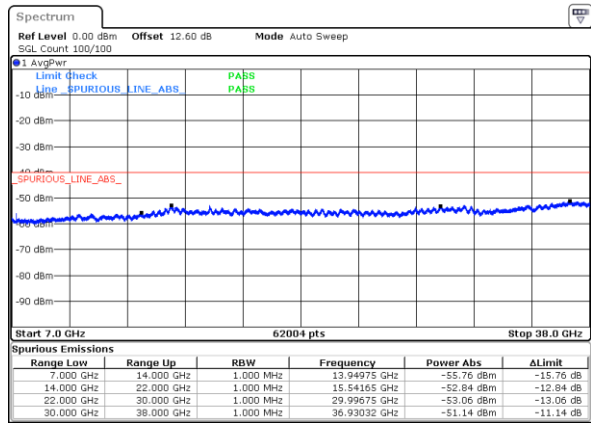


Date: 14.MAR.2026 08:15:17

## Middle Channel / QPSK

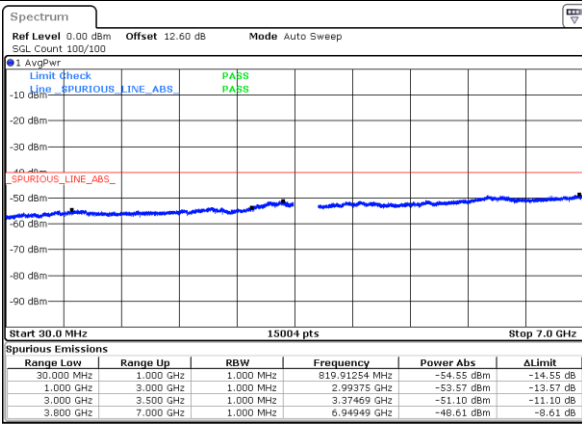


Date: 14.MAR.2026 07:59:00

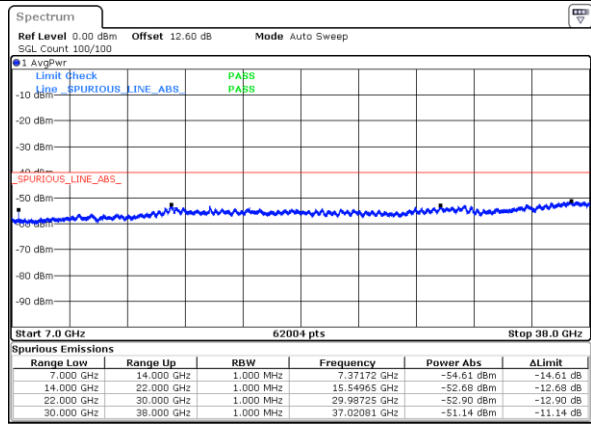


Date: 14.MAR.2026 08:15:11

## Highest Channel / QPSK



Date: 14.MAR.2026 08:00:04

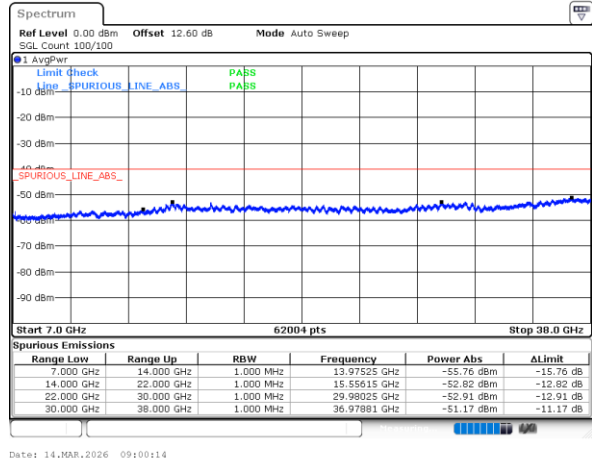
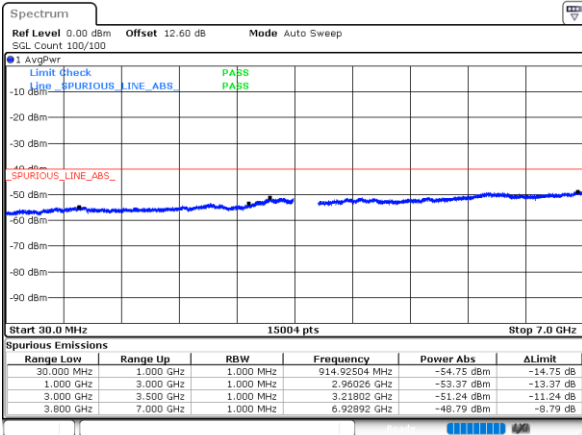


Date: 14.MAR.2026 08:15:26

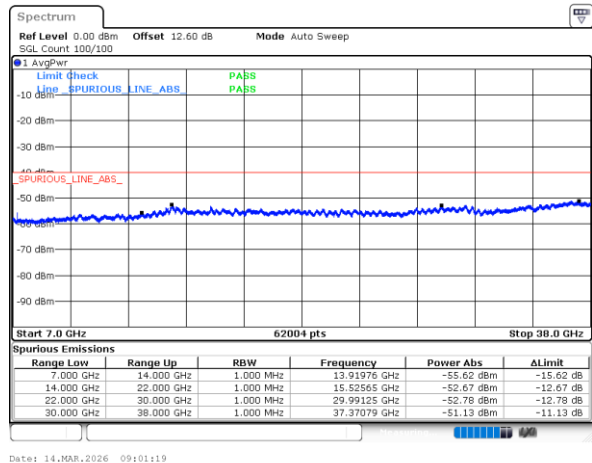
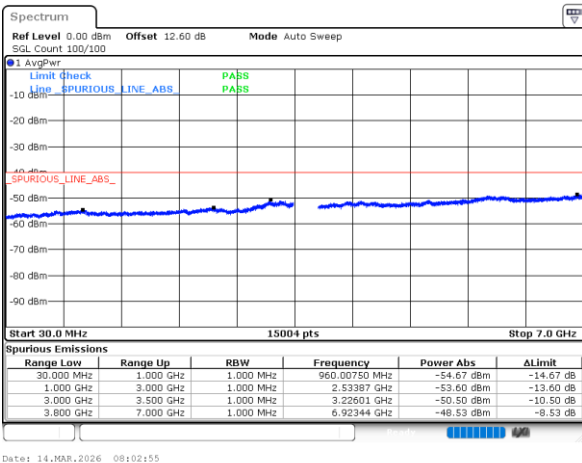


## LTE Band 48 / 20MHz

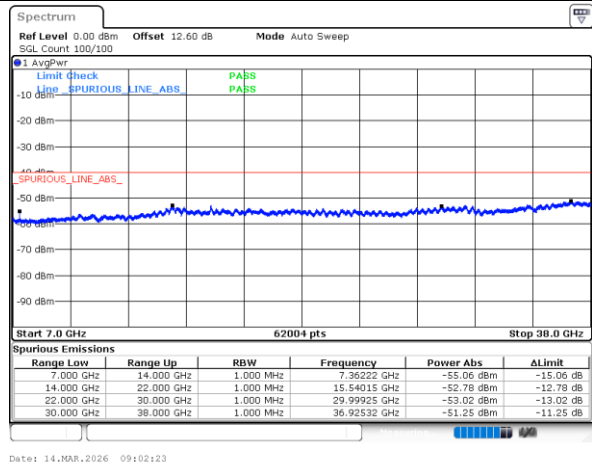
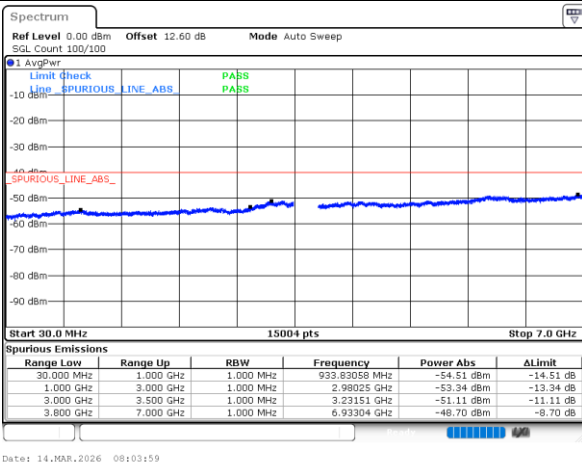
## Lowest Channel / QPSK



## Middle Channel / QPSK



## Highest Channel / QPSK



## Frequency Stability

| Test Conditions     |                   | LTE Band 48 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0003                              | PASS    |
| 40                  | Normal Voltage    | 0.0003                              |         |
| 30                  | Normal Voltage    | 0.0007                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0010                              |         |
| 0                   | Normal Voltage    | 0.0015                              |         |
| -10                 | Normal Voltage    | 0.0023                              |         |
| -20                 | Normal Voltage    | 0.0041                              |         |
| -30                 | Normal Voltage    | 0.0004                              |         |
| 20                  | Maximum Voltage   | 0.0014                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Minimum Voltage   | 0.0042                              |         |

**Note:**

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Radiated Spurious Emission Test Data

|                        |                                    |                            |               |
|------------------------|------------------------------------|----------------------------|---------------|
| <b>Test Engineer :</b> | Jerry Lan, Gary Guo, and Steven Wu | <b>Temperature :</b>       | 20.0 ~ 26.0°C |
|                        |                                    | <b>Relative Humidity :</b> | 40.0 ~ 65.0%  |

### B1. Summary of each worse mode

| Mode | Band    | Part    | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | Amp\Cbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant |
|------|---------|---------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|-----|
| 1    | LTE B48 | Part 96 | L  | 7102       | -51.20      | RMS | 36.11           | -52.26       | 1.11        | -95.23      | 59.07          | -40.00      | -11.20      | H   | 0   |

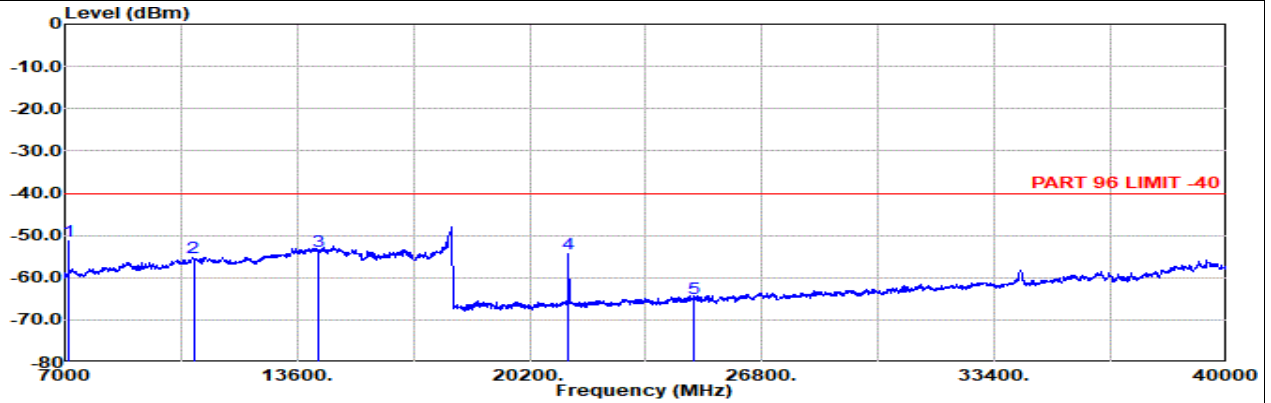


Ant. 0

## Part 96 Mode 1

LTE B48 20M Ch55340 1RB0 QPSK

L

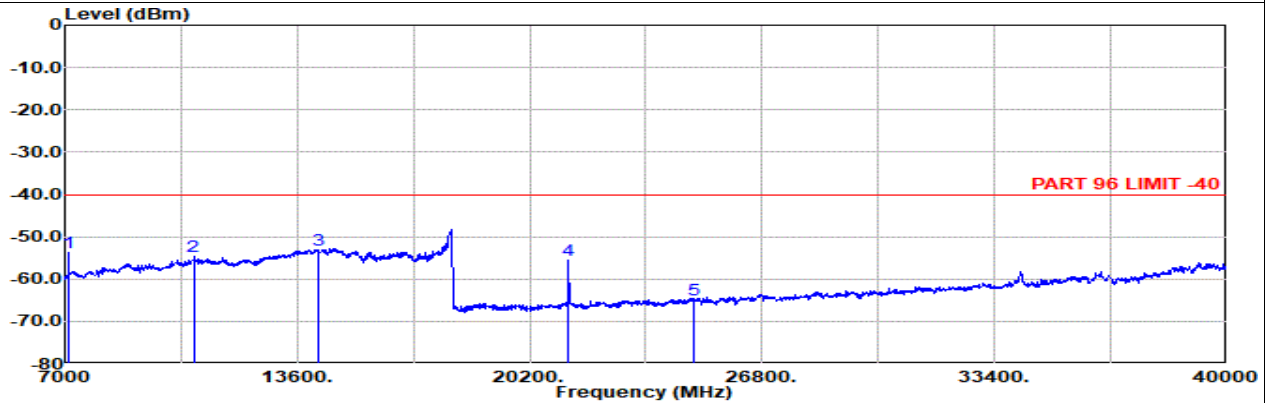


Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m BBHA9170\_1224\_250702 Horizontal

: LTE Band 48 20M Ch55340 1RB0 QPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|------|----------|------------|------------|--------|----------|--------|----------|--------|--------|------------|
| MHz  | dBm      |            |            |        |          |        |          |        |        |            |
| 1    | 7102.00  | -51.20 RMS | 36.11      | -52.26 | 1.11     | -95.23 | 59.07    | -40.00 | -11.20 | Horizontal |
| 2    | 10653.00 | -55.39 RMS | 38.99      | -50.13 | 0.92     | -95.23 | 50.06    | -40.00 | -15.39 | Horizontal |
| 3    | 14204.00 | -53.70 RMS | 40.79      | -46.89 | 0.61     | -95.23 | 47.02    | -40.00 | -13.70 | Horizontal |
| 4    | 21312.00 | -54.27 RMS | 38.10      | -48.90 | -9.54    | -95.23 | 61.30    | -40.00 | -14.27 | Horizontal |
| 5    | 24856.00 | -64.77 RMS | 39.70      | -46.88 | -9.54    | -95.23 | 47.18    | -40.00 | -24.77 | Horizontal |



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m BBHA9170\_1224\_250702 Vertical

: LTE Band 48 20M Ch55340 1RB0 QPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|------|----------|------------|------------|--------|----------|--------|----------|--------|--------|----------|
| MHz  | dBm      |            |            |        |          |        |          |        |        |          |
| 1    | 7102.00  | -53.83 RMS | 36.11      | -52.26 | 1.11     | -95.23 | 56.44    | -40.00 | -13.83 | Vertical |
| 2    | 10653.00 | -54.64 RMS | 38.99      | -50.13 | 0.92     | -95.23 | 50.81    | -40.00 | -14.64 | Vertical |
| 3    | 14204.00 | -53.27 RMS | 40.79      | -46.89 | 0.61     | -95.23 | 47.45    | -40.00 | -13.27 | Vertical |
| 4    | 21312.00 | -55.41 RMS | 38.10      | -48.90 | -9.54    | -95.23 | 60.16    | -40.00 | -15.41 | Vertical |
| 5    | 24856.00 | -64.92 RMS | 39.70      | -46.88 | -9.54    | -95.23 | 47.03    | -40.00 | -24.92 | Vertical |

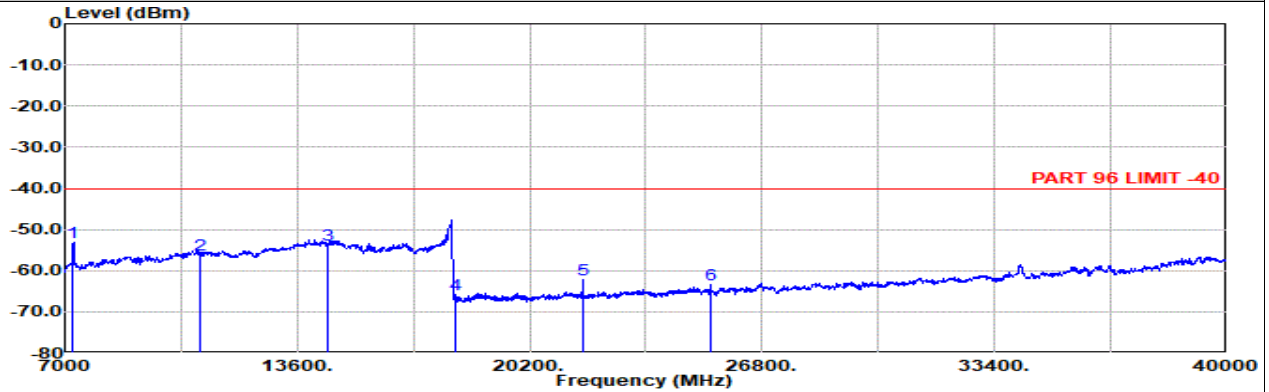


Ant. 0

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M

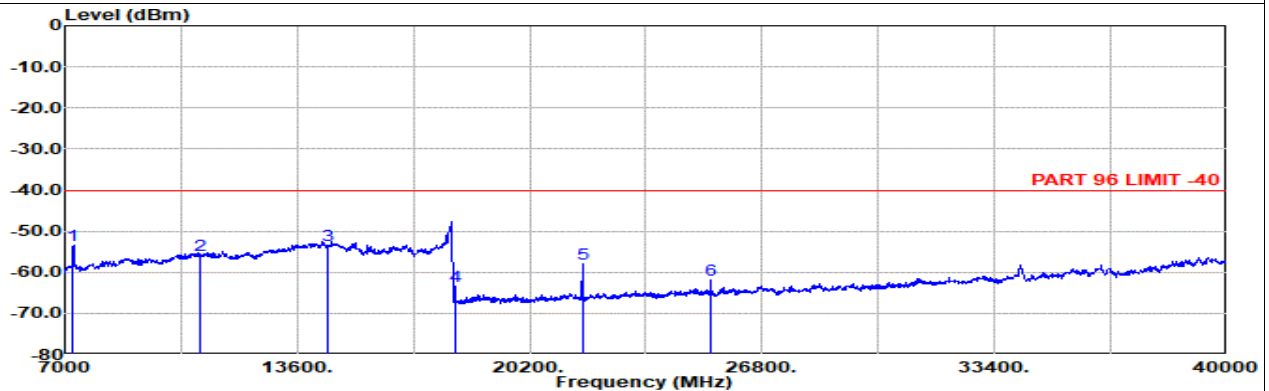


Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m BBHA9170\_1224\_250702 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|----------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz      | dBm    |          |            |        |          |        |          |        |        |            |
| 1 | 7232.00  | -53.03 | RMS      | 36.66      | -52.20 | 0.93     | -95.23 | 56.81    | -40.00 | -13.03 | Horizontal |
| 2 | 10848.00 | -56.08 | RMS      | 38.81      | -49.64 | 0.89     | -95.23 | 49.09    | -40.00 | -16.08 | Horizontal |
| 3 | 14464.00 | -53.83 | RMS      | 40.36      | -47.03 | 0.62     | -95.23 | 47.45    | -40.00 | -13.83 | Horizontal |
| 4 | 18088.00 | -65.67 | RMS      | 37.73      | -50.26 | -9.54    | -95.23 | 51.63    | -40.00 | -25.67 | Horizontal |
| 5 | 21704.00 | -62.19 | RMS      | 38.20      | -48.79 | -9.54    | -95.23 | 53.17    | -40.00 | -22.19 | Horizontal |
| 6 | 25320.00 | -63.51 | RMS      | 39.64      | -46.91 | -9.54    | -95.23 | 48.53    | -40.00 | -23.51 | Horizontal |



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m BBHA9170\_1224\_250702 Vertical

: LTE Band 48 20M Ch55990 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz      | dBm    |          |            |        |          |        |          |        |        |          |
| 1 | 7232.00  | -53.43 | RMS      | 36.66      | -52.20 | 0.93     | -95.23 | 56.41    | -40.00 | -13.43 | Vertical |
| 2 | 10848.00 | -55.71 | RMS      | 38.81      | -49.64 | 0.89     | -95.23 | 49.46    | -40.00 | -15.71 | Vertical |
| 3 | 14464.00 | -53.44 | RMS      | 40.36      | -47.03 | 0.62     | -95.23 | 47.84    | -40.00 | -13.44 | Vertical |
| 4 | 18088.00 | -63.51 | RMS      | 37.73      | -50.26 | -9.54    | -95.23 | 53.79    | -40.00 | -23.51 | Vertical |
| 5 | 21704.00 | -57.99 | RMS      | 38.20      | -48.79 | -9.54    | -95.23 | 57.37    | -40.00 | -17.99 | Vertical |
| 6 | 25320.00 | -61.93 | RMS      | 39.64      | -46.91 | -9.54    | -95.23 | 50.11    | -40.00 | -21.93 | Vertical |

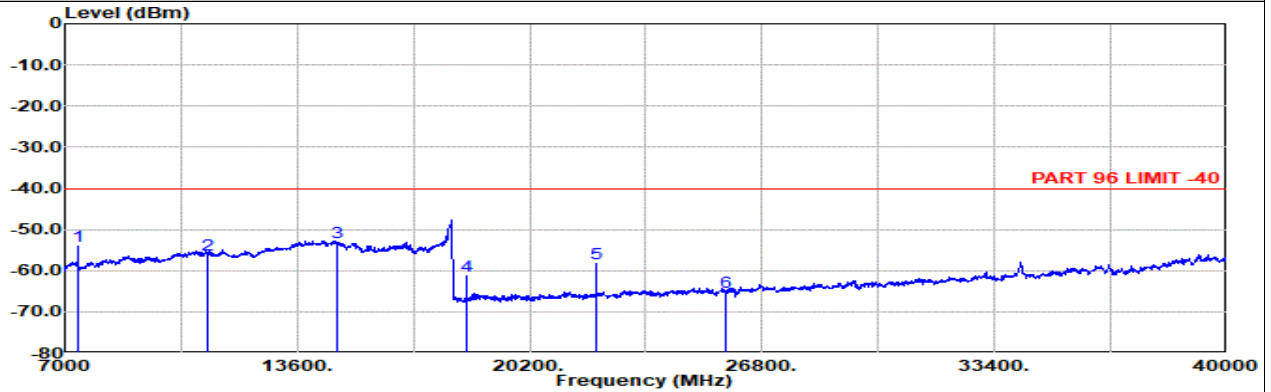


Ant. 0

Part 96 Mode 1

LTE B48 20M Ch56640 1RB0 QPSK

H

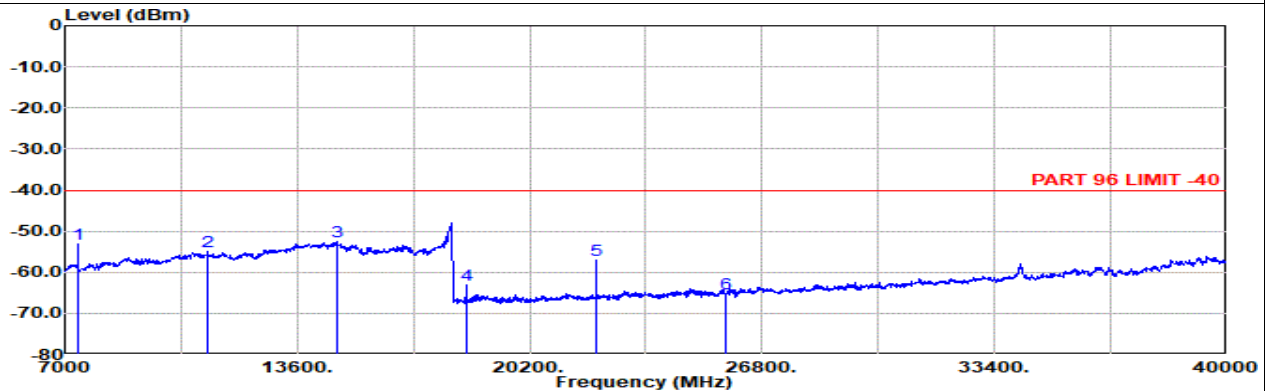


Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m BBHA9170\_1224\_250702 Horizontal

: LTE Band 48 20M Ch56640 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|----------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz      | dBm    |          |            |        |          |        |          |        |        |            |
| 1 | 7362.00  | -54.06 | RMS      | 36.53      | -52.13 | 0.95     | -95.23 | 55.82    | -40.00 | -14.06 | Horizontal |
| 2 | 11043.00 | -56.02 | RMS      | 38.60      | -49.24 | 0.85     | -95.23 | 49.00    | -40.00 | -16.02 | Horizontal |
| 3 | 14724.00 | -53.06 | RMS      | 40.25      | -47.04 | 0.63     | -95.23 | 48.33    | -40.00 | -13.06 | Horizontal |
| 4 | 18408.00 | -61.25 | RMS      | 37.92      | -50.42 | -9.54    | -95.23 | 56.02    | -40.00 | -21.25 | Horizontal |
| 5 | 22088.00 | -58.36 | RMS      | 38.20      | -48.50 | -9.54    | -95.23 | 56.71    | -40.00 | -18.36 | Horizontal |
| 6 | 25768.00 | -65.33 | RMS      | 39.46      | -46.74 | -9.54    | -95.23 | 46.72    | -40.00 | -25.33 | Horizontal |



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m BBHA9170\_1224\_250702 Vertical

: LTE Band 48 20M Ch56640 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz      | dBm    |          |            |        |          |        |          |        |        |          |
| 1 | 7362.00  | -53.19 | RMS      | 36.53      | -52.13 | 0.95     | -95.23 | 56.69    | -40.00 | -13.19 | Vertical |
| 2 | 11043.00 | -54.93 | RMS      | 38.60      | -49.24 | 0.85     | -95.23 | 50.09    | -40.00 | -14.93 | Vertical |
| 3 | 14724.00 | -52.51 | RMS      | 40.25      | -47.04 | 0.63     | -95.23 | 48.88    | -40.00 | -12.51 | Vertical |
| 4 | 18408.00 | -63.19 | RMS      | 37.92      | -50.42 | -9.54    | -95.23 | 54.08    | -40.00 | -23.19 | Vertical |
| 5 | 22088.00 | -57.14 | RMS      | 38.20      | -48.50 | -9.54    | -95.23 | 57.93    | -40.00 | -17.14 | Vertical |
| 6 | 25768.00 | -65.10 | RMS      | 39.46      | -46.74 | -9.54    | -95.23 | 46.95    | -40.00 | -25.10 | Vertical |

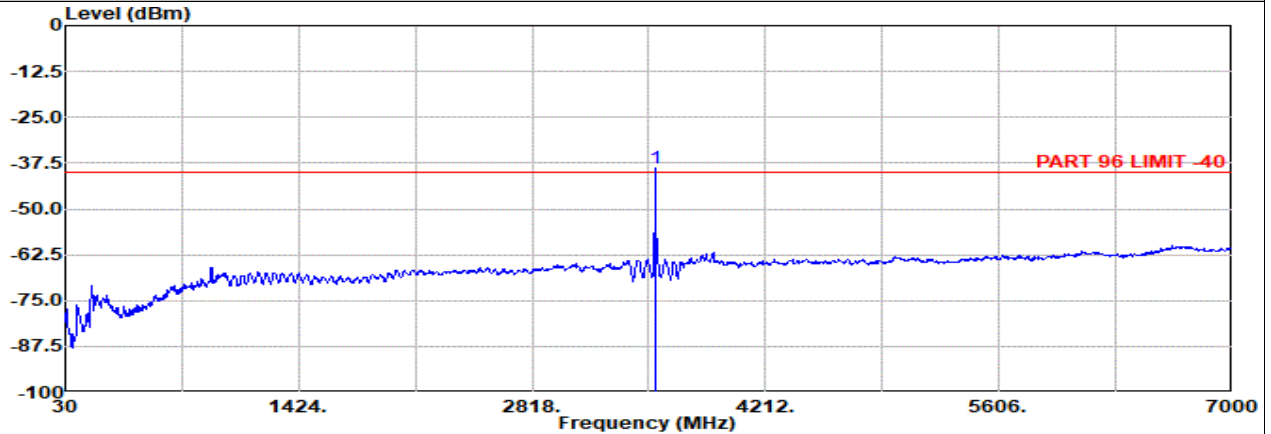


Ant. 0

Part 96 Mode 1

LTE B48 20M Ch55340 1RB0 QPSK

L



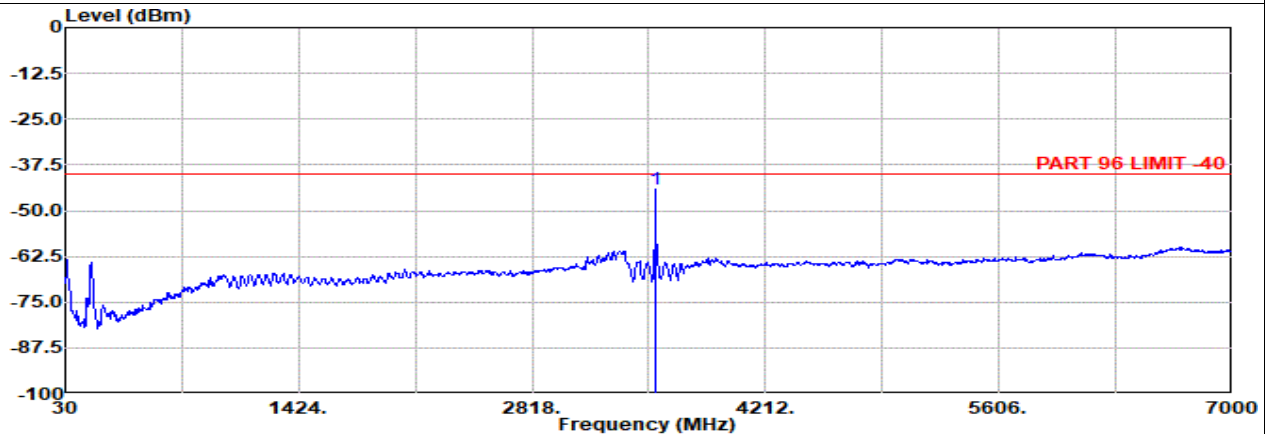
Site : 03CH16-HY

Condition: PART 96 LIMIT -40 3m 9120D-02038\_250807 Horizontal

: LTE Band 48 20M Ch55340 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

| 1 | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol             |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|-----------------|
|   | MHz     | dBm    |          | Factor            | 1      |        | g      |       |        |                 |
| 1 | 3560.00 | -39.00 | RMS      | 29.60             | -57.14 | 0.54   | -95.23 | 83.23 | -40.00 | 1.00 Horizontal |



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 3m 9120D-02038\_250807 Vertical

: LTE Band 48 20M Ch55340 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

| 1 | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol            |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------------|
|   | MHz     | dBm    |          | Factor            | 1      |        | g      |       |        |                |
| 1 | 3560.00 | -44.01 | RMS      | 29.60             | -57.14 | 0.54   | -95.23 | 78.22 | -40.00 | -4.01 Vertical |