

# FCC Test Report

**FCC ID** : RF41539B  
**Equipment** : Handheld Terminal  
**Model No.** : DX-A600  
**Brand Name** : KEYENCE  
**Applicant** : KEYENCE CORPORATION  
**Address** : 1-3-14 HIGASHI-NAKAJIMA,  
HIGASHI-YODOGAWA-KU, OSAKA, JAPAN  
**Standard** : 47 CFR FCC Part 27  
**Received Date** : Jun. 21, 2021  
**Tested Date** : Aug. 03 ~ Aug. 11, 2021

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

  
Along Chen / Assistant Manager

Approved by:

  
Gary Chang / Manager



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**APPENDIX A TEST RESULTS FOR EFFECTIVE ISOTROPICALLY RADIATED POWER**

**APPENDIX B TEST RESULTS FOR RADIATED EMISSIONS**

**APPENDIX C.1 TEST RESULTS FOR CONDUCTED EMISSIONS**

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**APPENDIX D TEST RESULTS FOR EMISSION AND OCCUPIED BANDWIDTH**

**APPENDIX E TEST RESULTS FOR FREQUENCY STABILITY**

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## Release Record

| Report No.    | Version | Description   | Issued Date   |
|---------------|---------|---------------|---------------|
| FG162104P27-1 | Rev. 01 | Initial issue | Nov. 16, 2021 |

## Summary of Test Results

| FCC Rules               | Description of Test      | Measured                      | Result |
|-------------------------|--------------------------|-------------------------------|--------|
| 2.1046 / 27.50(h)(2)    | Output power             | Maximum EIRP[W]: 0.406        | Pass   |
| 2.1053 / 27.53(m)(4)(6) | Radiated Emissions       | Meet the requirement of limit | Pass   |
| 2.1051 / 27.53(m)(4)(6) | Conducted Emissions      | Meet the requirement of limit | Pass   |
| 2.1051 / 27.53(m)(4)(6) | Channel Edge Measurement | Meet the requirement of limit | Pass   |
| 2.1049(h) / 27.53(m)(6) | Emission Bandwidth       | Meet the requirement of limit | Pass   |
| 2.1055 / 27.54          | Frequency Stability      | Meet the requirement of limit | Pass   |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

# 1 General Description

## 1.1 Information

### 1.1.1 Specification of the Equipment under Test (EUT)

|                     |                                  |
|---------------------|----------------------------------|
| Operating Frequency | LTE Band 41: 2555 MHz ~ 2655 MHz |
| Modulation Type     | QPSK, 16QAM (Uplink)             |

### 1.1.2 Antenna Details

| Ant. No. | Type | Gain (dBi) | Connector | Remark |
|----------|------|------------|-----------|--------|
| 1        | PIFA | 2.09       | No        | ---    |

### 1.1.3 Power Supply Type of Equipment under Test (EUT)

|                      |                                                  |                                                   |                                                   |
|----------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Supply Voltage       | 3.8Vdc                                           |                                                   |                                                   |
| Operational Voltage  | <input checked="" type="checkbox"/> Vnom (3.8 V) | <input checked="" type="checkbox"/> Vmax (3.99 V) | <input checked="" type="checkbox"/> Vmin (3.61 V) |
| Operational Climatic | <input checked="" type="checkbox"/> Tnom (20°C)  | <input checked="" type="checkbox"/> Tmax (50°C)   | <input checked="" type="checkbox"/> Tmin (-30°C)  |

### 1.1.4 Accessories

| Accessories |           |                                                                     |
|-------------|-----------|---------------------------------------------------------------------|
| No.         | Equipment | Description                                                         |
| 1           | Battery   | Brand: KEYENCE<br>Model: DX-BQ6<br>Rating: 3.8Vdc (23.02Wh) 6060mAh |

### 1.1.5 Maximum Conducted Power and Emission Designator

| Mode                     | Maximum EIRP (W) | Emission Designator |
|--------------------------|------------------|---------------------|
| LTE_5MHz_Nss1,QPSK_1TX   | 0.395            | 4M47G7D             |
| LTE_5MHz_Nss1,16QAM_1TX  | 0.318            | 4M47W7D             |
| LTE_10MHz_Nss1,QPSK_1TX  | 0.401            | 8M94G7D             |
| LTE_10MHz_Nss1,16QAM_1TX | 0.316            | 8M93W7D             |
| LTE_15MHz_Nss1,QPSK_1TX  | 0.402            | 13M4G7D             |
| LTE_15MHz_Nss1,16QAM_1TX | 0.317            | 13M4W7D             |
| LTE_20MHz_Nss1,QPSK_1TX  | 0.406            | 17M9G7D             |
| LTE_20MHz_Nss1,16QAM_1TX | 0.323            | 17M9W7D             |

### 1.1.6 Operating Channel List

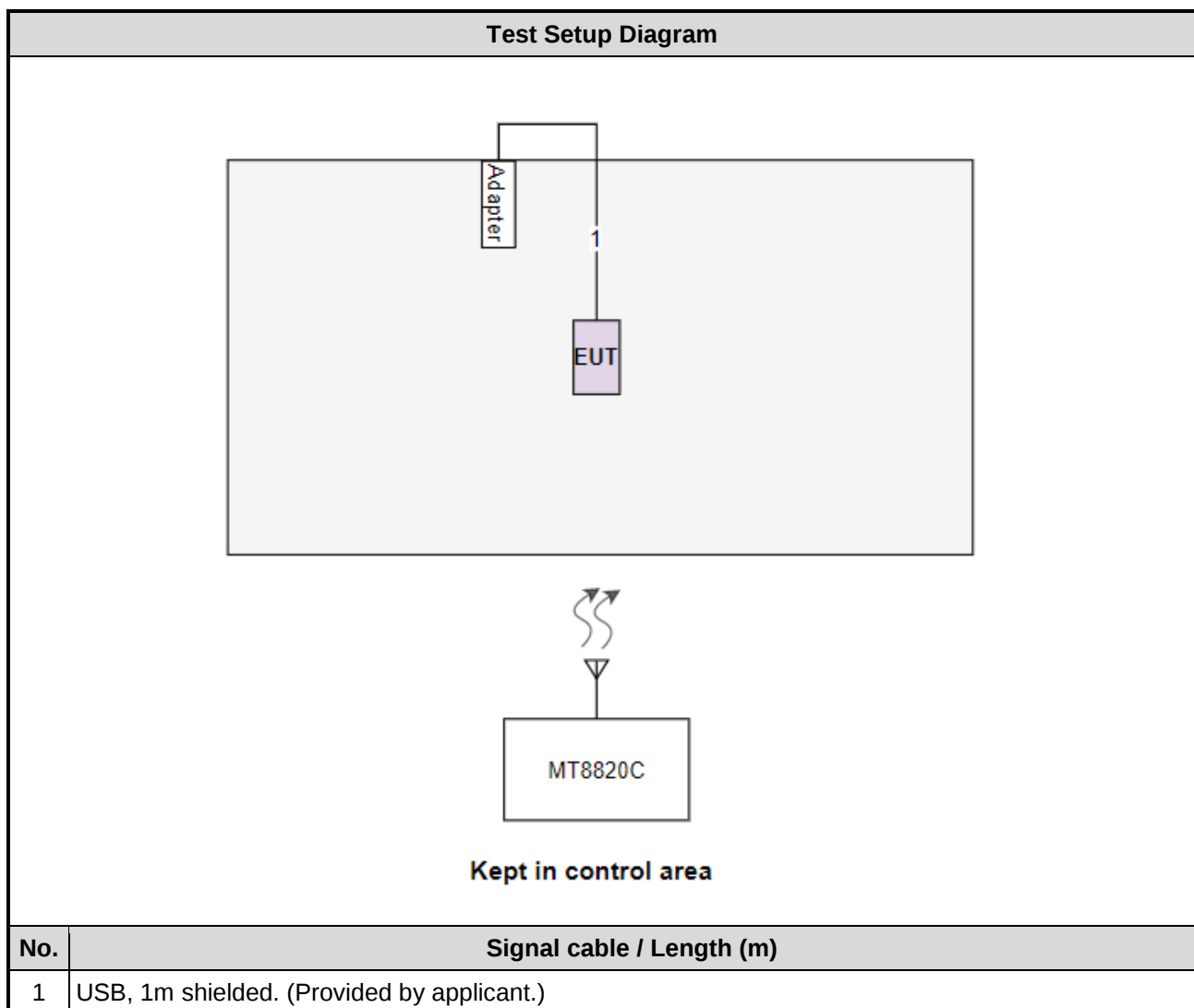
| Channel Bandwidth (MHz) | Channel | Frequency (MHz) |
|-------------------------|---------|-----------------|
| 5                       | 40265   | 2557.5          |
| 5                       | 40740   | 2605.0          |
| 5                       | 41215   | 2652.5          |
| 10                      | 40290   | 2560.0          |
| 10                      | 40740   | 2605.0          |
| 10                      | 41190   | 2650.0          |
| 15                      | 40315   | 2562.5          |
| 15                      | 40740   | 2605.0          |
| 15                      | 41165   | 2647.5          |
| 20                      | 40340   | 2565.0          |
| 20                      | 40740   | 2605.0          |
| 20                      | 41140   | 2645.0          |

## 1.2 Local Support Equipment List

| Support Equipment List |           |         |             |        |                                                                                       |
|------------------------|-----------|---------|-------------|--------|---------------------------------------------------------------------------------------|
| No.                    | Equipment | Brand   | Model       | FCC ID | Remarks                                                                               |
| 1                      | Adapter   | PHIHONG | PSA10F-050Q | ---    | Provided by applicant.<br>Input: 100-240V~ 50/60Hz, 0.35A<br>Output: 5.0V=2.0A, 10.0W |

Note: Adapter is used for charging only.

## 1.3 Test Setup Chart



## 1.4 The Equipment List

|                                                                     |                            |                        |                   |                         |                          |
|---------------------------------------------------------------------|----------------------------|------------------------|-------------------|-------------------------|--------------------------|
| <b>Test Item</b>                                                    | Radiated Emission          |                        |                   |                         |                          |
| <b>Test Site</b>                                                    | 966 chamber1 / (03CH01-WS) |                        |                   |                         |                          |
| <b>Tested Date</b>                                                  | Aug. 10 ~ Aug. 11, 2021    |                        |                   |                         |                          |
| <b>Instrument</b>                                                   | <b>Brand</b>               | <b>Model No.</b>       | <b>Serial No.</b> | <b>Calibration Date</b> | <b>Calibration Until</b> |
| Radio Communication Analyzer                                        | Anritsu                    | MT8820C                | 6201240341        | May 26, 2021            | May 25, 2022             |
| Receiver                                                            | R&S                        | ESR3                   | 101657            | Mar. 12, 2021           | Mar. 11, 2022            |
| Spectrum Analyzer                                                   | R&S                        | FSV40                  | 101498            | Dec. 04, 2020           | Dec. 03, 2021            |
| Loop Antenna                                                        | R&S                        | HFH2-Z2                | 100330            | Nov. 17, 2020           | Nov. 16, 2021            |
| Bilog Antenna                                                       | SCHWARZBECK                | VULB9168               | VULB9168-522      | Jun. 30, 2021           | Jun. 29, 2022            |
| Horn Antenna 1G-18G                                                 | SCHWARZBECK                | BBHA 9120 D            | BBHA 9120 D 1096  | Dec. 11, 2020           | Dec. 10, 2021            |
| Horn Antenna 18G-40G                                                | SCHWARZBECK                | BBHA 9170              | BBHA 9170517      | Nov. 06, 2020           | Nov. 05, 2021            |
| Preamplifier                                                        | EMC                        | EMC02325               | 980225            | Jun. 29, 2021           | Jun. 28, 2022            |
| Preamplifier                                                        | Agilent                    | 83017A                 | MY39501308        | Sep. 26, 2020           | Sep. 25, 2021            |
| Preamplifier                                                        | EMC                        | EMC184045B             | 980192            | Jul. 14, 2021           | Jul. 13, 2022            |
| Loop Antenna Cable                                                  | KOAX KABEL                 | 101354-BW              | 101354-BW         | Oct. 06, 2020           | Oct. 05, 2021            |
| LF cable 3M                                                         | Woken                      | CFD400NL-LW            | CFD400NL-001      | Oct. 06, 2020           | Oct. 05, 2021            |
| LF cable 11M                                                        | EMC                        | EMCCFD400-NW-N W-11000 | 200801            | Oct. 06, 2020           | Oct. 05, 2021            |
| LF cable 1M                                                         | EMC                        | EMCCFD400-NM-N M-1000  | 160502            | Oct. 06, 2020           | Oct. 05, 2021            |
| RF Cable                                                            | HUBER+SUHNER               | SUCOFLEX104            | MY16019/4         | Oct. 06, 2020           | Oct. 05, 2021            |
| RF Cable                                                            | HUBER+SUHNER               | SUCOFLEX104            | MY16014/4         | Oct. 06, 2020           | Oct. 05, 2021            |
| Measurement Software                                                | AUDIX                      | e3                     | 6.120210g         | NA                      | NA                       |
| Note: Calibration Interval of instruments listed above is one year. |                            |                        |                   |                         |                          |

|                                                                     |                         |                    |                   |                         |                          |
|---------------------------------------------------------------------|-------------------------|--------------------|-------------------|-------------------------|--------------------------|
| <b>Test Item</b>                                                    | RF Conducted            |                    |                   |                         |                          |
| <b>Test Site</b>                                                    | (TH01-WS)               |                    |                   |                         |                          |
| <b>Tested Date</b>                                                  | Aug. 03 ~ Aug. 09, 2021 |                    |                   |                         |                          |
| <b>Instrument</b>                                                   | <b>Brand</b>            | <b>Model No.</b>   | <b>Serial No.</b> | <b>Calibration Date</b> | <b>Calibration Until</b> |
| Radio Communication Analyzer                                        | Anritsu                 | MT8820C            | 6201240341        | May 26, 2021            | May 25, 2022             |
| Spectrum Analyzer                                                   | Keysight                | N9010A             | MY54510374        | Aug. 19, 2020           | Aug. 18, 2021            |
| Power Meter                                                         | Anritsu                 | ML2495A            | 1241002           | Nov. 04, 2020           | Nov. 03, 2021            |
| Power Sensor                                                        | Anritsu                 | MA2411B            | 1207366           | Nov. 04, 2020           | Nov. 03, 2021            |
| DC POWER SOURCE                                                     | GW INSTEK               | GPC-6030D          | GES855395         | Nov. 09, 2020           | Nov. 08, 2021            |
| TEMP&HUMIDITY CHAMBER                                               | GIANT FORCE             | GTH-150-40-CP-AR-T | MAA1407-012       | Sep. 10, 2020           | Sep. 09, 2021            |
| Measurement Software                                                | Sporton                 | SENSE-FCC_2G-4G    | V5.10.5.4         | NA                      | NA                       |
| Note: Calibration Interval of instruments listed above is one year. |                         |                    |                   |                         |                          |

## 1.5 Test Standards

47 CFR FCC Part 27  
ANSI C63.26-2015

## 1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01  
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01  
FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

## 1.7 Deviation from Test Standard and Measurement Procedure

None

## 1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ )).

| Measurement Uncertainty        |                        |
|--------------------------------|------------------------|
| Parameters                     | Uncertainty            |
| Bandwidth                      | $\pm 34.130$ Hz        |
| Conducted power                | $\pm 0.808$ dB         |
| Frequency error                | $\pm 1 \times 10^{-9}$ |
| Conducted emission             | $\pm 2.715$ dB         |
| Radiated emission $\leq 1$ GHz | $\pm 3.41$ dB          |
| Radiated emission $> 1$ GHz    | $\pm 4.59$ dB          |
| Temperature                    | $\pm 0.4$ °C           |

## 2 Test Configuration

### 2.1 Testing Condition

| Test Item          | Test Site | Ambient Condition | Tested By              |
|--------------------|-----------|-------------------|------------------------|
| Radiated Emissions | 03CH01-WS | 23-25°C / 62-67%  | Akun Chung<br>Roger Lu |
| RF Conducted       | TH01-WS   | 22-25°C / 64-66%  | Aska Huang             |

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISSED#: 10807A
- CAB identifier: TW2732

### 2.2 Testing Facility

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Test Laboratory      | International Certification Corporation                                                |
| Test Site            | 03CH01-WS, TH01-WS                                                                     |
| Address of Test Site | No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.) |

### 2.3 The Worst Test Modes and Channel Details

| Test item                     | Channel Bandwidth | Modulation    | Test channel          |
|-------------------------------|-------------------|---------------|-----------------------|
| Output Power                  | 5 MHz             | QPSK / 16QAM  | 40265 / 40740 / 41215 |
| Conducted Emissions           | 10 MHz            | QPSK / 16QAM  | 40290 / 40740 / 41190 |
| Occupied Bandwidth            | 15 MHz            | QPSK / 16QAM  | 40315 / 40740 / 41165 |
|                               | 20 MHz            | QPSK / 16QAM  | 40340 / 40740 / 41140 |
| Radiated Emission $\leq$ 1GHz | 5 MHz             | QPSK          | 40740                 |
|                               | 10 MHz            | QPSK          | 41190                 |
|                               | 15 MHz            | QPSK          | 40740                 |
|                               | 20 MHz            | QPSK          | 40740                 |
| Radiated Emission $>$ 1GHz    | 5 MHz             | QPSK          | 40265 / 40740 / 41215 |
|                               | 10 MHz            | QPSK          | 40290 / 40740 / 41190 |
|                               | 15 MHz            | QPSK          | 40315 / 40740 / 41165 |
|                               | 20 MHz            | QPSK          | 40340 / 40740 / 41140 |
| Band Edge                     | 5 MHz             | QPSK / 16QAM  | 40265 / 41215         |
|                               | 10 MHz            | QPSK / 16QAM  | 40290 / 41190         |
|                               | 15 MHz            | QPSK / 16QAM  | 40315 / 41165         |
|                               | 20 MHz            | QPSK / 16QAM  | 40340 / 41140         |
| Frequency Stability           | 5 MHz             | Un-modulation | 40265 / 41215         |
|                               | 10 MHz            |               | 40290 / 41190         |
|                               | 15 MHz            |               | 40315 / 41165         |
|                               | 20 MHz            |               | 40340 / 41140         |

**NOTE:**

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report.

## 3 Test Results

### 3.1 Output Power

#### 3.1.1 Limit of Output Power

Mobile stations are limited to 2.0 watts EIRP

#### 3.1.2 Test Procedures

For E.I.R.P measurement

EIPR can be calculated by below formula from KDB 412172 D01.

1.  $EIRP = P_T + G_T - L_C$

$P_T$  = transmitter output power, in dBm.

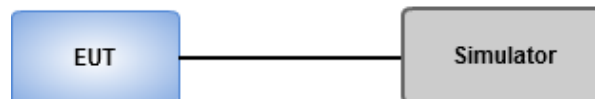
$G_T$  = gain of the transmitting antenna, in dBi (EIRP).

$L_C$  = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For Conducted power measurement

1. The EUT links up with simulator and is set to maximum output power level at low / middel / high channel.
2. Measure the output power of low / middle / high channel of the EUT

#### 3.1.3 Test Setup



#### 3.1.4 Test Result

Refer to Appendix A.

## **3.2 Radiated Emissions**

### **3.2.1 Limit of Radiated Emissions**

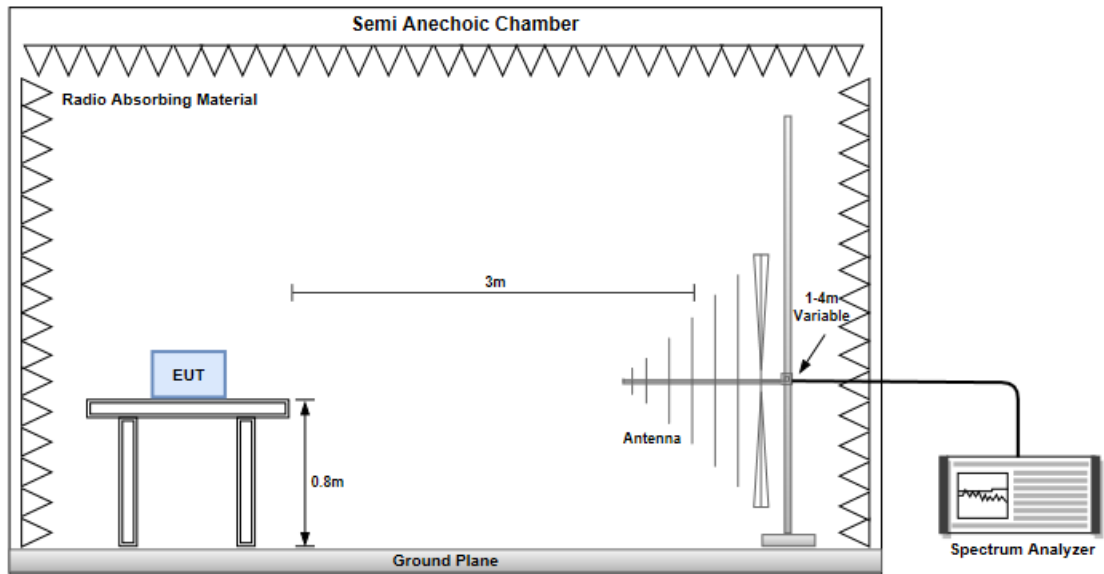
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB equal to -13 dBm.

### **3.2.2 Test Procedures**

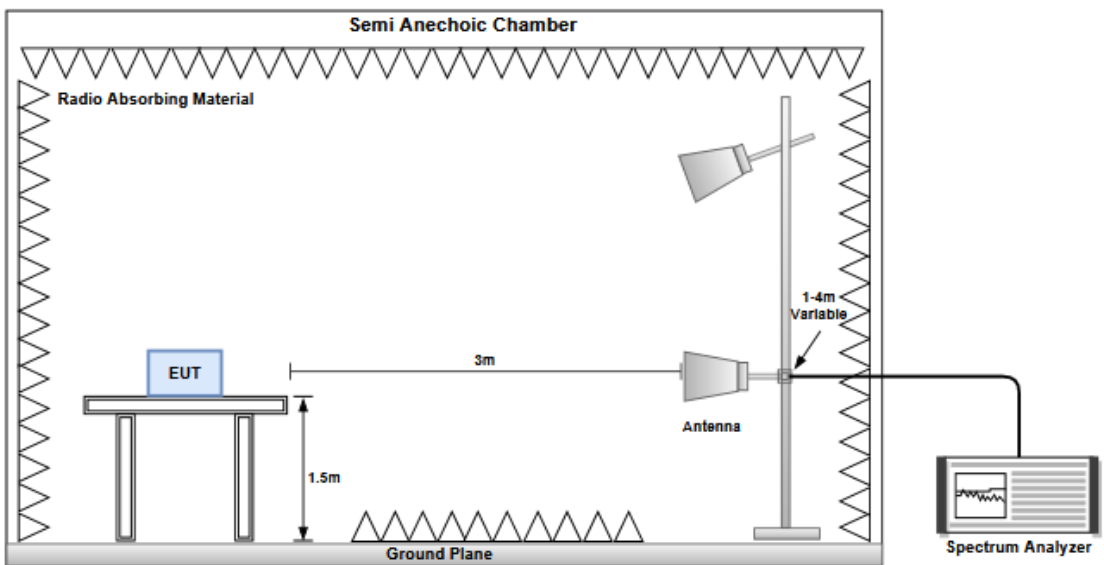
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable.

### 3.2.3 Test Setup

#### Radiated Emissions below 1 GHz



#### Radiated Emissions above 1 GHz



### 3.2.4 Test Result of Radiated Emissions

Refer to Appendix B.

### 3.3 Conducted Emissions

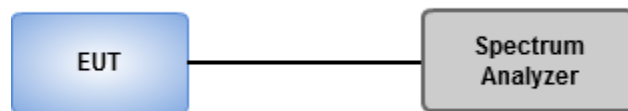
#### 3.3.1 Limit of Conducted Emissions

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $55 + 10 \log(P)$  dB equal to -25dBm.

#### 3.3.2 Test Procedures

1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30MHz~27GHz.
3. Set RBW = 1MHz, VBW = 3MHz, detector = average, sweep time = auto.
4. Record the max trace value and capture the test plot of each sub frequency band.

#### 3.3.3 Test Setup



#### 3.3.4 Test Result of Conducted Emissions

Refer to Appendix C.1.

### 3.4 Channel Edge

#### 3.4.1 Limit of Channel Edge

The attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph FCC Part 27.53(m)(6). In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz

#### 3.4.2 Test Procedures

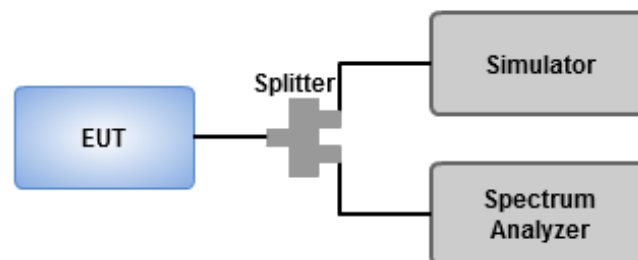
##### Band power measurement

1. Lowest and highest operating channels are tested for this item.
2. Set RBW = 2% of emission bandwidth, VBW = 3 x RBW, detector = RMS, sweep time = auto.
3. Enable adjacent channel power of spectrum analyzer to measure power of channel edge
4. Record the max trace value and capture the test plot.

##### Non-Band power measurement

1. Lowest and highest operating channels are tested for this item.
2. Set RBW = 1MHz, VBW = 3 MHz, detector = RMS, sweep time = auto.
3. Record the max trace value and capture the test plot.

#### 3.4.3 Test Setup



#### 3.4.4 Test Result of Band Edge

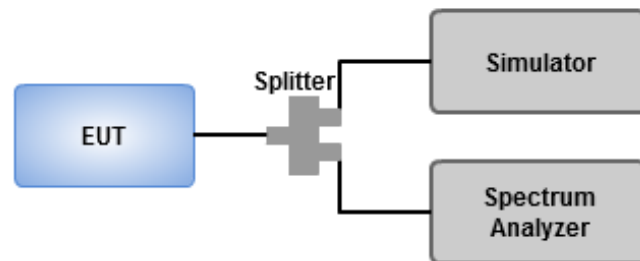
Refer to Appendix C.2.

### 3.5 Emission and Occupied Bandwidth

#### 3.5.1 Test Procedures

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Set Detector = Peak, Trace mode = max hold, Sweep = auto couple, Allow the trace to stabilize.
3. Using 26dB and occupied bandwidth measurement function of spectrum analyzer to measure bandwidth

#### 3.5.2 Test Setup



#### 3.5.3 Test Result of Occupied and 26 dB Bandwidth

Refer to Appendix D.

## 3.6 Frequency Stability

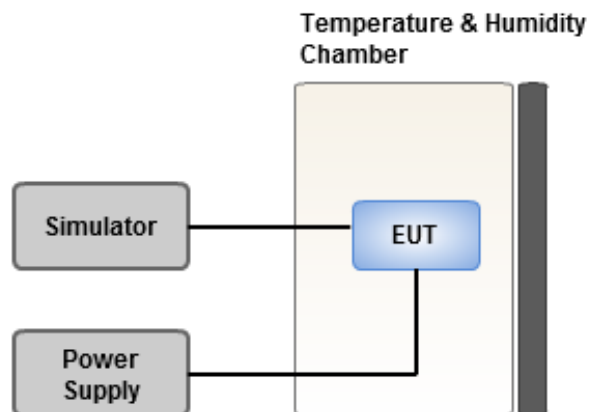
### 3.6.1 Limit of Frequency Stability

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

### 3.6.2 Test Procedures

1. EUT was placed at temperature chamber and connected to an external power supply.
2. Temperature and voltage condition shall be tested to confirm frequency stability.
3. The test shall be performed under normal and extreme condition for temperature and voltage.
4. Link up EUT and simulator. Confirm frequency drift value of simulator and record it.

### 3.6.3 Test Setup



### 3.6.4 Test Result of Frequency Stability

Refer to Appendix E.

## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan  
(R.O.C.)

### **Kwei Shan**

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)  
No.2-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 333, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC\_Service@icertifi.com.tw

==END==

**Summary**

| Mode                     | Power<br>(dBm) | Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------|----------------|--------------|---------------|-------------|
| Band 41                  | -              | -            | -             | -           |
| LTE_5MHz_Nss1,QPSK_1TX   | 23.88          | 0.244        | 25.97         | 0.39537     |
| LTE_5MHz_Nss1,16QAM_1TX  | 22.93          | 0.196        | 25.02         | 0.31769     |
| LTE_10MHz_Nss1,QPSK_1TX  | 23.94          | 0.248        | 26.03         | 0.40087     |
| LTE_10MHz_Nss1,16QAM_1TX | 22.90          | 0.195        | 24.99         | 0.31550     |
| LTE_15MHz_Nss1,QPSK_1TX  | 23.95          | 0.248        | 26.04         | 0.40179     |
| LTE_15MHz_Nss1,16QAM_1TX | 22.92          | 0.196        | 25.01         | 0.31696     |
| LTE_20MHz_Nss1,QPSK_1TX  | 23.99          | 0.251        | 26.08         | 0.40551     |
| LTE_20MHz_Nss1,16QAM_1TX | 23.00          | 0.200        | 25.09         | 0.32285     |



## Equivalent Isotropically Radiated Power

## Appendix A

### Result

| Mode                         | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| Band 41_LTE_5MHz_Nss1_1TX    | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 2557.5MHz_QPSK_RB 1,#RB 0    | Pass   | 2.09        | 25.64         | 0.36644     | 2                | 23.55          | 0.226        | Inf               | 23.55           |
| 2557.5MHz_QPSK_RB 1,#RB 12   | Pass   | 2.09        | 25.83         | 0.38282     | 2                | 23.74          | 0.237        | Inf               | 23.74           |
| 2557.5MHz_QPSK_RB 1,#RB 24   | Pass   | 2.09        | 25.66         | 0.36813     | 2                | 23.57          | 0.228        | Inf               | 23.57           |
| 2557.5MHz_QPSK_RB 12,#RB 0   | Pass   | 2.09        | 24.93         | 0.31117     | 2                | 22.84          | 0.192        | Inf               | 22.84           |
| 2557.5MHz_QPSK_RB 12,#RB 7   | Pass   | 2.09        | 24.97         | 0.31405     | 2                | 22.88          | 0.194        | Inf               | 22.88           |
| 2557.5MHz_QPSK_RB 12,#RB 13  | Pass   | 2.09        | 24.93         | 0.31117     | 2                | 22.84          | 0.192        | Inf               | 22.84           |
| 2557.5MHz_QPSK_RB 25,#RB 0   | Pass   | 2.09        | 24.86         | 0.30620     | 2                | 22.77          | 0.189        | Inf               | 22.77           |
| 2605MHz_QPSK_RB 1,#RB 0      | Pass   | 2.09        | 25.83         | 0.38282     | 2                | 23.74          | 0.237        | Inf               | 23.74           |
| 2605MHz_QPSK_RB 1,#RB 12     | Pass   | 2.09        | 25.97         | 0.39537     | 2                | 23.88          | 0.244        | Inf               | 23.88           |
| 2605MHz_QPSK_RB 1,#RB 24     | Pass   | 2.09        | 25.84         | 0.38371     | 2                | 23.75          | 0.237        | Inf               | 23.75           |
| 2605MHz_QPSK_RB 12,#RB 0     | Pass   | 2.09        | 25.07         | 0.32137     | 2                | 22.98          | 0.199        | Inf               | 22.98           |
| 2605MHz_QPSK_RB 12,#RB 7     | Pass   | 2.09        | 25.06         | 0.32063     | 2                | 22.97          | 0.198        | Inf               | 22.97           |
| 2605MHz_QPSK_RB 12,#RB 13    | Pass   | 2.09        | 25.07         | 0.32137     | 2                | 22.98          | 0.199        | Inf               | 22.98           |
| 2605MHz_QPSK_RB 25,#RB 0     | Pass   | 2.09        | 25.02         | 0.31769     | 2                | 22.93          | 0.196        | Inf               | 22.93           |
| 2652.5MHz_QPSK_RB 1,#RB 0    | Pass   | 2.09        | 25.76         | 0.37670     | 2                | 23.67          | 0.233        | Inf               | 23.67           |
| 2652.5MHz_QPSK_RB 1,#RB 12   | Pass   | 2.09        | 25.92         | 0.39084     | 2                | 23.83          | 0.242        | Inf               | 23.83           |
| 2652.5MHz_QPSK_RB 1,#RB 24   | Pass   | 2.09        | 25.79         | 0.37931     | 2                | 23.70          | 0.234        | Inf               | 23.7            |
| 2652.5MHz_QPSK_RB 12,#RB 0   | Pass   | 2.09        | 25.07         | 0.32137     | 2                | 22.98          | 0.199        | Inf               | 22.98           |
| 2652.5MHz_QPSK_RB 12,#RB 7   | Pass   | 2.09        | 25.05         | 0.31989     | 2                | 22.96          | 0.198        | Inf               | 22.96           |
| 2652.5MHz_QPSK_RB 12,#RB 13  | Pass   | 2.09        | 25.02         | 0.31769     | 2                | 22.93          | 0.196        | Inf               | 22.93           |
| 2652.5MHz_QPSK_RB 25,#RB 0   | Pass   | 2.09        | 24.88         | 0.30761     | 2                | 22.79          | 0.190        | Inf               | 22.79           |
| 2557.5MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.77         | 0.29992     | 2                | 22.68          | 0.185        | Inf               | 22.68           |
| 2557.5MHz_16QAM_RB 1,#RB 12  | Pass   | 2.09        | 24.97         | 0.31405     | 2                | 22.88          | 0.194        | Inf               | 22.88           |
| 2557.5MHz_16QAM_RB 1,#RB 24  | Pass   | 2.09        | 24.76         | 0.29923     | 2                | 22.67          | 0.185        | Inf               | 22.67           |
| 2557.5MHz_16QAM_RB 12,#RB 0  | Pass   | 2.09        | 23.80         | 0.23988     | 2                | 21.71          | 0.148        | Inf               | 21.71           |
| 2557.5MHz_16QAM_RB 12,#RB 7  | Pass   | 2.09        | 23.85         | 0.24266     | 2                | 21.76          | 0.150        | Inf               | 21.76           |
| 2557.5MHz_16QAM_RB 12,#RB 13 | Pass   | 2.09        | 23.81         | 0.24044     | 2                | 21.72          | 0.149        | Inf               | 21.72           |
| 2557.5MHz_16QAM_RB 25,#RB 0  | Pass   | 2.09        | 23.85         | 0.24266     | 2                | 21.76          | 0.150        | Inf               | 21.76           |
| 2605MHz_16QAM_RB 1,#RB 0     | Pass   | 2.09        | 24.86         | 0.30620     | 2                | 22.77          | 0.189        | Inf               | 22.77           |
| 2605MHz_16QAM_RB 1,#RB 12    | Pass   | 2.09        | 25.02         | 0.31769     | 2                | 22.93          | 0.196        | Inf               | 22.93           |
| 2605MHz_16QAM_RB 1,#RB 24    | Pass   | 2.09        | 24.85         | 0.30549     | 2                | 22.76          | 0.189        | Inf               | 22.76           |
| 2605MHz_16QAM_RB 12,#RB 0    | Pass   | 2.09        | 24.02         | 0.25235     | 2                | 21.93          | 0.156        | Inf               | 21.93           |
| 2605MHz_16QAM_RB 12,#RB 7    | Pass   | 2.09        | 24.04         | 0.25351     | 2                | 21.95          | 0.157        | Inf               | 21.95           |
| 2605MHz_16QAM_RB 12,#RB 13   | Pass   | 2.09        | 24.02         | 0.25235     | 2                | 21.93          | 0.156        | Inf               | 21.93           |
| 2605MHz_16QAM_RB 25,#RB 0    | Pass   | 2.09        | 24.06         | 0.25468     | 2                | 21.97          | 0.157        | Inf               | 21.97           |
| 2652.5MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.80         | 0.30200     | 2                | 22.71          | 0.187        | Inf               | 22.71           |
| 2652.5MHz_16QAM_RB 1,#RB 12  | Pass   | 2.09        | 24.84         | 0.30479     | 2                | 22.75          | 0.188        | Inf               | 22.75           |
| 2652.5MHz_16QAM_RB 1,#RB 24  | Pass   | 2.09        | 24.66         | 0.29242     | 2                | 22.57          | 0.181        | Inf               | 22.57           |
| 2652.5MHz_16QAM_RB 12,#RB 0  | Pass   | 2.09        | 23.95         | 0.24831     | 2                | 21.86          | 0.153        | Inf               | 21.86           |
| 2652.5MHz_16QAM_RB 12,#RB 7  | Pass   | 2.09        | 23.97         | 0.24946     | 2                | 21.88          | 0.154        | Inf               | 21.88           |
| 2652.5MHz_16QAM_RB 12,#RB 13 | Pass   | 2.09        | 23.87         | 0.24378     | 2                | 21.78          | 0.151        | Inf               | 21.78           |
| 2652.5MHz_16QAM_RB 25,#RB 0  | Pass   | 2.09        | 23.93         | 0.24717     | 2                | 21.84          | 0.153        | Inf               | 21.84           |
| Band 41_LTE_10MHz_Nss1_1TX   | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 2560MHz_QPSK_RB 1,#RB 0      | Pass   | 2.09        | 25.83         | 0.38282     | 2                | 23.74          | 0.237        | Inf               | 23.74           |
| 2560MHz_QPSK_RB 1,#RB 25     | Pass   | 2.09        | 25.80         | 0.38019     | 2                | 23.71          | 0.235        | Inf               | 23.71           |
| 2560MHz_QPSK_RB 1,#RB 49     | Pass   | 2.09        | 25.82         | 0.38194     | 2                | 23.73          | 0.236        | Inf               | 23.73           |
| 2560MHz_QPSK_RB 25,#RB 0     | Pass   | 2.09        | 24.91         | 0.30974     | 2                | 22.82          | 0.191        | Inf               | 22.82           |



## Equivalent Isotropically Radiated Power

## Appendix A

| Mode                        | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|-----------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 2560MHz_QPSK_RB 25,#RB 12   | Pass   | 2.09        | 24.90         | 0.30903     | 2                | 22.81          | 0.191        | Inf               | 22.81           |
| 2560MHz_QPSK_RB 25,#RB 25   | Pass   | 2.09        | 24.93         | 0.31117     | 2                | 22.84          | 0.192        | Inf               | 22.84           |
| 2560MHz_QPSK_RB 50,#RB 0    | Pass   | 2.09        | 24.86         | 0.30620     | 2                | 22.77          | 0.189        | Inf               | 22.77           |
| 2605MHz_QPSK_RB 1,#RB 0     | Pass   | 2.09        | 25.98         | 0.39628     | 2                | 23.89          | 0.245        | Inf               | 23.89           |
| 2605MHz_QPSK_RB 1,#RB 25    | Pass   | 2.09        | 25.98         | 0.39628     | 2                | 23.89          | 0.245        | Inf               | 23.89           |
| 2605MHz_QPSK_RB 1,#RB 49    | Pass   | 2.09        | 26.02         | 0.39994     | 2                | 23.93          | 0.247        | Inf               | 23.93           |
| 2605MHz_QPSK_RB 25,#RB 0    | Pass   | 2.09        | 25.05         | 0.31989     | 2                | 22.96          | 0.198        | Inf               | 22.96           |
| 2605MHz_QPSK_RB 25,#RB 12   | Pass   | 2.09        | 25.07         | 0.32137     | 2                | 22.98          | 0.199        | Inf               | 22.98           |
| 2605MHz_QPSK_RB 25,#RB 25   | Pass   | 2.09        | 25.09         | 0.32285     | 2                | 23.00          | 0.200        | Inf               | 23              |
| 2605MHz_QPSK_RB 50,#RB 0    | Pass   | 2.09        | 24.98         | 0.31477     | 2                | 22.89          | 0.195        | Inf               | 22.89           |
| 2650MHz_QPSK_RB 1,#RB 0     | Pass   | 2.09        | 26.03         | 0.40087     | 2                | 23.94          | 0.248        | Inf               | 23.94           |
| 2650MHz_QPSK_RB 1,#RB 25    | Pass   | 2.09        | 25.94         | 0.39264     | 2                | 23.85          | 0.243        | Inf               | 23.85           |
| 2650MHz_QPSK_RB 1,#RB 49    | Pass   | 2.09        | 25.86         | 0.38548     | 2                | 23.77          | 0.238        | Inf               | 23.77           |
| 2650MHz_QPSK_RB 25,#RB 0    | Pass   | 2.09        | 25.02         | 0.31769     | 2                | 22.93          | 0.196        | Inf               | 22.93           |
| 2650MHz_QPSK_RB 25,#RB 12   | Pass   | 2.09        | 24.97         | 0.31405     | 2                | 22.88          | 0.194        | Inf               | 22.88           |
| 2650MHz_QPSK_RB 25,#RB 25   | Pass   | 2.09        | 24.94         | 0.31189     | 2                | 22.85          | 0.193        | Inf               | 22.85           |
| 2650MHz_QPSK_RB 50,#RB 0    | Pass   | 2.09        | 24.78         | 0.30061     | 2                | 22.69          | 0.186        | Inf               | 22.69           |
| 2560MHz_16QAM_RB 1,#RB 0    | Pass   | 2.09        | 24.86         | 0.30620     | 2                | 22.77          | 0.189        | Inf               | 22.77           |
| 2560MHz_16QAM_RB 1,#RB 25   | Pass   | 2.09        | 24.85         | 0.30549     | 2                | 22.76          | 0.189        | Inf               | 22.76           |
| 2560MHz_16QAM_RB 1,#RB 49   | Pass   | 2.09        | 24.90         | 0.30903     | 2                | 22.81          | 0.191        | Inf               | 22.81           |
| 2560MHz_16QAM_RB 25,#RB 0   | Pass   | 2.09        | 23.94         | 0.24774     | 2                | 21.85          | 0.153        | Inf               | 21.85           |
| 2560MHz_16QAM_RB 25,#RB 12  | Pass   | 2.09        | 23.92         | 0.24660     | 2                | 21.83          | 0.152        | Inf               | 21.83           |
| 2560MHz_16QAM_RB 25,#RB 25  | Pass   | 2.09        | 23.92         | 0.24660     | 2                | 21.83          | 0.152        | Inf               | 21.83           |
| 2560MHz_16QAM_RB 50,#RB 0   | Pass   | 2.09        | 23.92         | 0.24660     | 2                | 21.83          | 0.152        | Inf               | 21.83           |
| 2605MHz_16QAM_RB 1,#RB 0    | Pass   | 2.09        | 24.95         | 0.31261     | 2                | 22.86          | 0.193        | Inf               | 22.86           |
| 2605MHz_16QAM_RB 1,#RB 25   | Pass   | 2.09        | 24.95         | 0.31261     | 2                | 22.86          | 0.193        | Inf               | 22.86           |
| 2605MHz_16QAM_RB 1,#RB 49   | Pass   | 2.09        | 24.99         | 0.31550     | 2                | 22.90          | 0.195        | Inf               | 22.9            |
| 2605MHz_16QAM_RB 25,#RB 0   | Pass   | 2.09        | 24.00         | 0.25119     | 2                | 21.91          | 0.155        | Inf               | 21.91           |
| 2605MHz_16QAM_RB 25,#RB 12  | Pass   | 2.09        | 24.04         | 0.25351     | 2                | 21.95          | 0.157        | Inf               | 21.95           |
| 2605MHz_16QAM_RB 25,#RB 25  | Pass   | 2.09        | 24.00         | 0.25119     | 2                | 21.91          | 0.155        | Inf               | 21.91           |
| 2605MHz_16QAM_RB 50,#RB 0   | Pass   | 2.09        | 24.01         | 0.25177     | 2                | 21.92          | 0.156        | Inf               | 21.92           |
| 2650MHz_16QAM_RB 1,#RB 0    | Pass   | 2.09        | 24.92         | 0.31046     | 2                | 22.83          | 0.192        | Inf               | 22.83           |
| 2650MHz_16QAM_RB 1,#RB 25   | Pass   | 2.09        | 24.82         | 0.30339     | 2                | 22.73          | 0.187        | Inf               | 22.73           |
| 2650MHz_16QAM_RB 1,#RB 49   | Pass   | 2.09        | 24.79         | 0.30130     | 2                | 22.70          | 0.186        | Inf               | 22.7            |
| 2650MHz_16QAM_RB 25,#RB 0   | Pass   | 2.09        | 24.04         | 0.25351     | 2                | 21.95          | 0.157        | Inf               | 21.95           |
| 2650MHz_16QAM_RB 25,#RB 12  | Pass   | 2.09        | 24.01         | 0.25177     | 2                | 21.92          | 0.156        | Inf               | 21.92           |
| 2650MHz_16QAM_RB 25,#RB 25  | Pass   | 2.09        | 23.94         | 0.24774     | 2                | 21.85          | 0.153        | Inf               | 21.85           |
| 2650MHz_16QAM_RB 50,#RB 0   | Pass   | 2.09        | 23.87         | 0.24378     | 2                | 21.78          | 0.151        | Inf               | 21.78           |
| Band 41_LTE_15MHz_Nss1_1TX  | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 2562.5MHz_QPSK_RB 1,#RB 0   | Pass   | 2.09        | 25.58         | 0.36141     | 2                | 23.49          | 0.223        | Inf               | 23.49           |
| 2562.5MHz_QPSK_RB 1,#RB 37  | Pass   | 2.09        | 25.82         | 0.38194     | 2                | 23.73          | 0.236        | Inf               | 23.73           |
| 2562.5MHz_QPSK_RB 1,#RB 74  | Pass   | 2.09        | 25.67         | 0.36898     | 2                | 23.58          | 0.228        | Inf               | 23.58           |
| 2562.5MHz_QPSK_RB 36,#RB 0  | Pass   | 2.09        | 24.84         | 0.30479     | 2                | 22.75          | 0.188        | Inf               | 22.75           |
| 2562.5MHz_QPSK_RB 36,#RB 20 | Pass   | 2.09        | 24.89         | 0.30832     | 2                | 22.80          | 0.191        | Inf               | 22.8            |
| 2562.5MHz_QPSK_RB 36,#RB 39 | Pass   | 2.09        | 24.90         | 0.30903     | 2                | 22.81          | 0.191        | Inf               | 22.81           |
| 2562.5MHz_QPSK_RB 75,#RB 0  | Pass   | 2.09        | 24.73         | 0.29717     | 2                | 22.64          | 0.184        | Inf               | 22.64           |
| 2605MHz_QPSK_RB 1,#RB 0     | Pass   | 2.09        | 25.76         | 0.37670     | 2                | 23.67          | 0.233        | Inf               | 23.67           |
| 2605MHz_QPSK_RB 1,#RB 37    | Pass   | 2.09        | 26.04         | 0.40179     | 2                | 23.95          | 0.248        | Inf               | 23.95           |
| 2605MHz_QPSK_RB 1,#RB 74    | Pass   | 2.09        | 25.78         | 0.37844     | 2                | 23.69          | 0.234        | Inf               | 23.69           |



## Equivalent Isotropically Radiated Power

## Appendix A

| Mode                         | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|------------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 2605MHz_QPSK_RB 36,#RB 0     | Pass   | 2.09        | 25.01         | 0.31696     | 2                | 22.92          | 0.196        | Inf               | 22.92           |
| 2605MHz_QPSK_RB 36,#RB 20    | Pass   | 2.09        | 25.07         | 0.32137     | 2                | 22.98          | 0.199        | Inf               | 22.98           |
| 2605MHz_QPSK_RB 36,#RB 39    | Pass   | 2.09        | 25.03         | 0.31842     | 2                | 22.94          | 0.197        | Inf               | 22.94           |
| 2605MHz_QPSK_RB 75,#RB 0     | Pass   | 2.09        | 24.93         | 0.31117     | 2                | 22.84          | 0.192        | Inf               | 22.84           |
| 2647.5MHz_QPSK_RB 1,#RB 0    | Pass   | 2.09        | 25.77         | 0.37757     | 2                | 23.68          | 0.233        | Inf               | 23.68           |
| 2647.5MHz_QPSK_RB 1,#RB 37   | Pass   | 2.09        | 25.98         | 0.39628     | 2                | 23.89          | 0.245        | Inf               | 23.89           |
| 2647.5MHz_QPSK_RB 1,#RB 74   | Pass   | 2.09        | 25.70         | 0.37154     | 2                | 23.61          | 0.230        | Inf               | 23.61           |
| 2647.5MHz_QPSK_RB 36,#RB 0   | Pass   | 2.09        | 24.99         | 0.31550     | 2                | 22.90          | 0.195        | Inf               | 22.9            |
| 2647.5MHz_QPSK_RB 36,#RB 20  | Pass   | 2.09        | 25.08         | 0.32211     | 2                | 22.99          | 0.199        | Inf               | 22.99           |
| 2647.5MHz_QPSK_RB 36,#RB 39  | Pass   | 2.09        | 24.99         | 0.31550     | 2                | 22.90          | 0.195        | Inf               | 22.9            |
| 2647.5MHz_QPSK_RB 75,#RB 0   | Pass   | 2.09        | 24.85         | 0.30549     | 2                | 22.76          | 0.189        | Inf               | 22.76           |
| 2562.5MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.65         | 0.29174     | 2                | 22.56          | 0.180        | Inf               | 22.56           |
| 2562.5MHz_16QAM_RB 1,#RB 37  | Pass   | 2.09        | 24.86         | 0.30620     | 2                | 22.77          | 0.189        | Inf               | 22.77           |
| 2562.5MHz_16QAM_RB 1,#RB 74  | Pass   | 2.09        | 24.69         | 0.29444     | 2                | 22.60          | 0.182        | Inf               | 22.6            |
| 2562.5MHz_16QAM_RB 36,#RB 0  | Pass   | 2.09        | 23.74         | 0.23659     | 2                | 21.65          | 0.146        | Inf               | 21.65           |
| 2562.5MHz_16QAM_RB 36,#RB 20 | Pass   | 2.09        | 23.74         | 0.23659     | 2                | 21.65          | 0.146        | Inf               | 21.65           |
| 2562.5MHz_16QAM_RB 36,#RB 39 | Pass   | 2.09        | 23.77         | 0.23823     | 2                | 21.68          | 0.147        | Inf               | 21.68           |
| 2562.5MHz_16QAM_RB 75,#RB 0  | Pass   | 2.09        | 23.83         | 0.24155     | 2                | 21.74          | 0.149        | Inf               | 21.74           |
| 2605MHz_16QAM_RB 1,#RB 0     | Pass   | 2.09        | 24.71         | 0.29580     | 2                | 22.62          | 0.183        | Inf               | 22.62           |
| 2605MHz_16QAM_RB 1,#RB 37    | Pass   | 2.09        | 25.01         | 0.31696     | 2                | 22.92          | 0.196        | Inf               | 22.92           |
| 2605MHz_16QAM_RB 1,#RB 74    | Pass   | 2.09        | 24.74         | 0.29785     | 2                | 22.65          | 0.184        | Inf               | 22.65           |
| 2605MHz_16QAM_RB 36,#RB 0    | Pass   | 2.09        | 23.94         | 0.24774     | 2                | 21.85          | 0.153        | Inf               | 21.85           |
| 2605MHz_16QAM_RB 36,#RB 20   | Pass   | 2.09        | 23.96         | 0.24889     | 2                | 21.87          | 0.154        | Inf               | 21.87           |
| 2605MHz_16QAM_RB 36,#RB 39   | Pass   | 2.09        | 23.93         | 0.24717     | 2                | 21.84          | 0.153        | Inf               | 21.84           |
| 2605MHz_16QAM_RB 75,#RB 0    | Pass   | 2.09        | 23.94         | 0.24774     | 2                | 21.85          | 0.153        | Inf               | 21.85           |
| 2647.5MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.71         | 0.29580     | 2                | 22.62          | 0.183        | Inf               | 22.62           |
| 2647.5MHz_16QAM_RB 1,#RB 37  | Pass   | 2.09        | 25.00         | 0.31623     | 2                | 22.91          | 0.195        | Inf               | 22.91           |
| 2647.5MHz_16QAM_RB 1,#RB 74  | Pass   | 2.09        | 24.58         | 0.28708     | 2                | 22.49          | 0.177        | Inf               | 22.49           |
| 2647.5MHz_16QAM_RB 36,#RB 0  | Pass   | 2.09        | 23.87         | 0.24378     | 2                | 21.78          | 0.151        | Inf               | 21.78           |
| 2647.5MHz_16QAM_RB 36,#RB 20 | Pass   | 2.09        | 23.90         | 0.24547     | 2                | 21.81          | 0.152        | Inf               | 21.81           |
| 2647.5MHz_16QAM_RB 36,#RB 39 | Pass   | 2.09        | 23.85         | 0.24266     | 2                | 21.76          | 0.150        | Inf               | 21.76           |
| 2647.5MHz_16QAM_RB 75,#RB 0  | Pass   | 2.09        | 23.86         | 0.24322     | 2                | 21.77          | 0.150        | Inf               | 21.77           |
| Band 41_LTE_20MHz_Nss1_1TX   | -      | -           | -             | -           | -                | -              | -            | -                 | -               |
| 2565MHz_QPSK_RB 1,#RB 0      | Pass   | 2.09        | 25.47         | 0.35237     | 2                | 23.38          | 0.218        | Inf               | 23.38           |
| 2565MHz_QPSK_RB 1,#RB 49     | Pass   | 2.09        | 26.00         | 0.39811     | 2                | 23.91          | 0.246        | Inf               | 23.91           |
| 2565MHz_QPSK_RB 1,#RB 99     | Pass   | 2.09        | 25.56         | 0.35975     | 2                | 23.47          | 0.222        | Inf               | 23.47           |
| 2565MHz_QPSK_RB 50,#RB 0     | Pass   | 2.09        | 24.78         | 0.30061     | 2                | 22.69          | 0.186        | Inf               | 22.69           |
| 2565MHz_QPSK_RB 50,#RB 24    | Pass   | 2.09        | 24.85         | 0.30549     | 2                | 22.76          | 0.189        | Inf               | 22.76           |
| 2565MHz_QPSK_RB 50,#RB 50    | Pass   | 2.09        | 24.81         | 0.30269     | 2                | 22.72          | 0.187        | Inf               | 22.72           |
| 2565MHz_QPSK_RB 100,#RB 0    | Pass   | 2.09        | 24.89         | 0.30832     | 2                | 22.80          | 0.191        | Inf               | 22.8            |
| 2605MHz_QPSK_RB 1,#RB 0      | Pass   | 2.09        | 25.62         | 0.36475     | 2                | 23.53          | 0.225        | Inf               | 23.53           |
| 2605MHz_QPSK_RB 1,#RB 49     | Pass   | 2.09        | 26.08         | 0.40551     | 2                | 23.99          | 0.251        | Inf               | 23.99           |
| 2605MHz_QPSK_RB 1,#RB 99     | Pass   | 2.09        | 25.65         | 0.36728     | 2                | 23.56          | 0.227        | Inf               | 23.56           |
| 2605MHz_QPSK_RB 50,#RB 0     | Pass   | 2.09        | 24.84         | 0.30479     | 2                | 22.75          | 0.188        | Inf               | 22.75           |
| 2605MHz_QPSK_RB 50,#RB 24    | Pass   | 2.09        | 24.96         | 0.31333     | 2                | 22.87          | 0.194        | Inf               | 22.87           |
| 2605MHz_QPSK_RB 50,#RB 50    | Pass   | 2.09        | 24.91         | 0.30974     | 2                | 22.82          | 0.191        | Inf               | 22.82           |
| 2605MHz_QPSK_RB 100,#RB 0    | Pass   | 2.09        | 25.01         | 0.31696     | 2                | 22.92          | 0.196        | Inf               | 22.92           |
| 2645MHz_QPSK_RB 1,#RB 0      | Pass   | 2.09        | 25.69         | 0.37068     | 2                | 23.60          | 0.229        | Inf               | 23.6            |
| 2645MHz_QPSK_RB 1,#RB 49     | Pass   | 2.09        | 26.05         | 0.40272     | 2                | 23.96          | 0.249        | Inf               | 23.96           |



## Equivalent Isotropically Radiated Power

## Appendix A

| Mode                       | Result | DG<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | EIRP Lim.<br>(W) | Power<br>(dBm) | Power<br>(W) | Power Lim.<br>(W) | Port 1<br>(dBm) |
|----------------------------|--------|-------------|---------------|-------------|------------------|----------------|--------------|-------------------|-----------------|
| 2645MHz_QPSK_RB 1,#RB 99   | Pass   | 2.09        | 25.58         | 0.36141     | 2                | 23.49          | 0.223        | Inf               | 23.49           |
| 2645MHz_QPSK_RB 50,#RB 0   | Pass   | 2.09        | 24.75         | 0.29854     | 2                | 22.66          | 0.185        | Inf               | 22.66           |
| 2645MHz_QPSK_RB 50,#RB 24  | Pass   | 2.09        | 24.85         | 0.30549     | 2                | 22.76          | 0.189        | Inf               | 22.76           |
| 2645MHz_QPSK_RB 50,#RB 50  | Pass   | 2.09        | 24.72         | 0.29648     | 2                | 22.63          | 0.183        | Inf               | 22.63           |
| 2645MHz_QPSK_RB 100,#RB 0  | Pass   | 2.09        | 24.92         | 0.31046     | 2                | 22.83          | 0.192        | Inf               | 22.83           |
| 2565MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.60         | 0.28840     | 2                | 22.51          | 0.178        | Inf               | 22.51           |
| 2565MHz_16QAM_RB 1,#RB 49  | Pass   | 2.09        | 25.09         | 0.32285     | 2                | 23.00          | 0.200        | Inf               | 23              |
| 2565MHz_16QAM_RB 1,#RB 99  | Pass   | 2.09        | 24.66         | 0.29242     | 2                | 22.57          | 0.181        | Inf               | 22.57           |
| 2565MHz_16QAM_RB 50,#RB 0  | Pass   | 2.09        | 23.84         | 0.24210     | 2                | 21.75          | 0.150        | Inf               | 21.75           |
| 2565MHz_16QAM_RB 50,#RB 24 | Pass   | 2.09        | 23.99         | 0.25061     | 2                | 21.90          | 0.155        | Inf               | 21.9            |
| 2565MHz_16QAM_RB 50,#RB 50 | Pass   | 2.09        | 23.95         | 0.24831     | 2                | 21.86          | 0.153        | Inf               | 21.86           |
| 2565MHz_16QAM_RB 100,#RB 0 | Pass   | 2.09        | 23.95         | 0.24831     | 2                | 21.86          | 0.153        | Inf               | 21.86           |
| 2605MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.67         | 0.29309     | 2                | 22.58          | 0.181        | Inf               | 22.58           |
| 2605MHz_16QAM_RB 1,#RB 49  | Pass   | 2.09        | 25.07         | 0.32137     | 2                | 22.98          | 0.199        | Inf               | 22.98           |
| 2605MHz_16QAM_RB 1,#RB 99  | Pass   | 2.09        | 24.65         | 0.29174     | 2                | 22.56          | 0.180        | Inf               | 22.56           |
| 2605MHz_16QAM_RB 50,#RB 0  | Pass   | 2.09        | 23.96         | 0.24889     | 2                | 21.87          | 0.154        | Inf               | 21.87           |
| 2605MHz_16QAM_RB 50,#RB 24 | Pass   | 2.09        | 24.01         | 0.25177     | 2                | 21.92          | 0.156        | Inf               | 21.92           |
| 2605MHz_16QAM_RB 50,#RB 50 | Pass   | 2.09        | 23.94         | 0.24774     | 2                | 21.85          | 0.153        | Inf               | 21.85           |
| 2605MHz_16QAM_RB 100,#RB 0 | Pass   | 2.09        | 24.04         | 0.25351     | 2                | 21.95          | 0.157        | Inf               | 21.95           |
| 2645MHz_16QAM_RB 1,#RB 0   | Pass   | 2.09        | 24.67         | 0.29309     | 2                | 22.58          | 0.181        | Inf               | 22.58           |
| 2645MHz_16QAM_RB 1,#RB 49  | Pass   | 2.09        | 25.09         | 0.32285     | 2                | 23.00          | 0.200        | Inf               | 23              |
| 2645MHz_16QAM_RB 1,#RB 99  | Pass   | 2.09        | 24.44         | 0.27797     | 2                | 22.35          | 0.172        | Inf               | 22.35           |
| 2645MHz_16QAM_RB 50,#RB 0  | Pass   | 2.09        | 23.96         | 0.24889     | 2                | 21.87          | 0.154        | Inf               | 21.87           |
| 2645MHz_16QAM_RB 50,#RB 24 | Pass   | 2.09        | 23.94         | 0.24774     | 2                | 21.85          | 0.153        | Inf               | 21.85           |
| 2645MHz_16QAM_RB 50,#RB 50 | Pass   | 2.09        | 23.83         | 0.24155     | 2                | 21.74          | 0.149        | Inf               | 21.74           |
| 2645MHz_16QAM_RB 100,#RB 0 | Pass   | 2.09        | 23.95         | 0.24831     | 2                | 21.86          | 0.153        | Inf               | 21.86           |

**DG** = Directional Gain; **Port n** = Port n output power

**Test Result of Radiated Emissions below 1GHz**

| Mode            | LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|-------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                            | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.86           | H                                                           | -67.45        | -25         | -42.45      | -71.91            | -48.17                | -19.28                 |
| 45.65           | H                                                           | -69.58        | -25         | -44.58      | -73.16            | -52.7                 | -16.88                 |
| 65.48           | H                                                           | -73.92        | -25         | -48.92      | -72.1             | -61.68                | -12.24                 |
| 199.26          | H                                                           | -73.45        | -25         | -48.45      | -69.37            | -70.36                | -3.09                  |
| 266.41          | H                                                           | -73.81        | -25         | -48.81      | -73.08            | -72.48                | -1.33                  |
| 344.58          | H                                                           | -73.55        | -25         | -48.55      | -73.84            | -72.31                | -1.24                  |
| 32.56           | V                                                           | -65.68        | -25         | -40.68      | -63.82            | -46.81                | -18.87                 |
| 46.51           | V                                                           | -68.98        | -25         | -43.98      | -68.15            | -52.24                | -16.74                 |
| 124.63          | V                                                           | -69.45        | -25         | -44.45      | -71.97            | -63.11                | -6.34                  |
| 175.46          | V                                                           | -69.22        | -25         | -44.22      | -71.61            | -63.98                | -5.24                  |
| 354.24          | V                                                           | -72.58        | -25         | -47.58      | -75.45            | -71.33                | -1.25                  |
| 491.45          | V                                                           | -67.88        | -25         | -42.88      | -72.87            | -66.43                | -1.45                  |

| Mode            | LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 0, Channel: 41190 |               |             |             |                   |                       |                        |
|-----------------|-------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                            | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.35           | H                                                           | -66.52        | -25         | -41.52      | -71.03            | -47.12                | -19.4                  |
| 45.24           | H                                                           | -69.48        | -25         | -44.48      | -73.17            | -52.54                | -16.94                 |
| 64.36           | H                                                           | -75.44        | -25         | -50.44      | -73.83            | -62.83                | -12.61                 |
| 200.14          | H                                                           | -72.36        | -25         | -47.36      | -68.24            | -69.34                | -3.02                  |
| 268.53          | H                                                           | -73.44        | -25         | -48.44      | -72.72            | -72.11                | -1.33                  |
| 344.39          | H                                                           | -74.22        | -25         | -49.22      | -74.5             | -72.98                | -1.24                  |
| 32.84           | V                                                           | -65.89        | -25         | -40.89      | -64.05            | -47.09                | -18.8                  |
| 46.41           | V                                                           | -70.98        | -25         | -45.98      | -70.14            | -54.22                | -16.76                 |
| 124.63          | V                                                           | -70.29        | -25         | -45.29      | -72.81            | -63.95                | -6.34                  |
| 177.64          | V                                                           | -68.25        | -25         | -43.25      | -70.51            | -63.18                | -5.07                  |
| 351.65          | V                                                           | -71.42        | -25         | -46.42      | -74.28            | -70.17                | -1.25                  |
| 491.53          | V                                                           | -67.88        | -25         | -42.88      | -72.87            | -66.43                | -1.45                  |

NOTE: EIRP = S.G power value + correction factor

| Mode            | LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.58           | H                                                            | -67.46        | -25         | -42.46      | -71.95            | -48.12                | -19.34                 |
| 45.29           | H                                                            | -70.11        | -25         | -45.11      | -73.79            | -53.18                | -16.93                 |
| 64.32           | H                                                            | -73.21        | -25         | -48.21      | -71.61            | -60.59                | -12.62                 |
| 200.14          | H                                                            | -72.98        | -25         | -47.98      | -68.86            | -69.96                | -3.02                  |
| 266.81          | H                                                            | -72.96        | -25         | -47.96      | -72.23            | -71.63                | -1.33                  |
| 344.29          | H                                                            | -74.06        | -25         | -49.06      | -74.34            | -72.82                | -1.24                  |
| 31.78           | V                                                            | -65.44        | -25         | -40.44      | -63.53            | -46.38                | -19.06                 |
| 46.82           | V                                                            | -68.35        | -25         | -43.35      | -67.53            | -51.65                | -16.7                  |
| 122.35          | V                                                            | -68.92        | -25         | -43.92      | -71.26            | -62.66                | -6.26                  |
| 175.45          | V                                                            | -68.21        | -25         | -43.21      | -70.6             | -62.97                | -5.24                  |
| 353.62          | V                                                            | -73.28        | -25         | -48.28      | -76.15            | -72.04                | -1.24                  |
| 491.47          | V                                                            | -67.25        | -25         | -42.25      | -72.24            | -65.8                 | -1.45                  |

| Mode            | LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.53           | H                                                            | -68.65        | -25         | -43.65      | -73.15            | -49.3                 | -19.35                 |
| 45.44           | H                                                            | -69.27        | -25         | -44.27      | -72.9             | -52.36                | -16.91                 |
| 65.38           | H                                                            | -73.59        | -25         | -48.59      | -71.78            | -61.32                | -12.27                 |
| 198.61          | H                                                            | -72.45        | -25         | -47.45      | -68.42            | -69.3                 | -3.15                  |
| 266.74          | H                                                            | -75.33        | -25         | -50.33      | -74.6             | -74                   | -1.33                  |
| 344.47          | H                                                            | -71.88        | -25         | -46.88      | -72.16            | -70.64                | -1.24                  |
| 32.48           | V                                                            | -65.85        | -25         | -40.85      | -63.98            | -46.96                | -18.89                 |
| 46.31           | V                                                            | -70.21        | -25         | -45.21      | -69.37            | -53.43                | -16.78                 |
| 122.68          | V                                                            | -70.59        | -25         | -45.59      | -72.95            | -64.32                | -6.27                  |
| 177.84          | V                                                            | -70.42        | -25         | -45.42      | -72.67            | -65.36                | -5.06                  |
| 352.65          | V                                                            | -71.82        | -25         | -46.82      | -74.68            | -70.58                | -1.24                  |
| 490.35          | V                                                            | -67.58        | -25         | -42.58      | -72.56            | -66.13                | -1.45                  |

NOTE: EIRP = S.G power value + correction factor

**Test Result of Radiated Emissions above 1GHz**

| Mode            | LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 40625 |               |             |             |                   |                       |                        |
|-----------------|-------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                            | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5115            | H                                                           | -45.54        | -25         | -20.54      | -61.46            | -50.98                | 5.44                   |
| 7672.5          | H                                                           | -42.6         | -25         | -17.6       | -62.59            | -45.7                 | 3.1                    |
| 10230           | H                                                           | -41.85        | -25         | -16.85      | -64.56            | -42.66                | 0.81                   |
| 5115            | V                                                           | -39.54        | -25         | -14.54      | -55.26            | -44.98                | 5.44                   |
| 7672.5          | V                                                           | -35.8         | -25         | -10.8       | -56.11            | -38.9                 | 3.1                    |
| 10230           | V                                                           | -41.08        | -25         | -16.08      | -62.45            | -41.89                | 0.81                   |

| Mode            | LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|-------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                            | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5210            | H                                                           | -40.68        | -25         | -15.68      | -56.63            | -46.1                 | 5.42                   |
| 7815            | H                                                           | -40.02        | -25         | -15.02      | -60.18            | -43.11                | 3.09                   |
| 10420           | H                                                           | -38.87        | -25         | -13.87      | -61.25            | -39.42                | 0.55                   |
| 5210            | V                                                           | -34.21        | -25         | -9.21       | -49.92            | -39.63                | 5.42                   |
| 7815            | V                                                           | -33.61        | -25         | -8.61       | -54.26            | -36.7                 | 3.09                   |
| 10420           | V                                                           | -37.46        | -25         | -12.46      | -58.92            | -38.01                | 0.55                   |

| Mode            | LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 41215 |               |             |             |                   |                       |                        |
|-----------------|-------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                            | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5305            | H                                                           | -44.51        | -25         | -19.51      | -60.48            | -50.15                | 5.64                   |
| 7957.5          | H                                                           | -42.57        | -25         | -17.57      | -62.59            | -45.18                | 2.61                   |
| 10610           | H                                                           | -41.02        | -25         | -16.02      | -63.25            | -41.35                | 0.33                   |
| 5305            | V                                                           | -38.71        | -25         | -13.71      | -54.59            | -44.35                | 5.64                   |
| 7957.5          | V                                                           | -35.83        | -25         | -10.83      | -56.48            | -38.44                | 2.61                   |
| 10610           | V                                                           | -39.89        | -25         | -14.89      | -61.45            | -40.22                | 0.33                   |

NOTE: EIRP = S.G power value + correction factor

| Mode            | LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 0, Channel: 40290 |               |             |             |                   |                       |                        |
|-----------------|-------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                            | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5111.2          | H                                                           | -45.68        | -25         | -20.68      | -61.6             | -51.12                | 5.44                   |
| 7666.8          | H                                                           | -42.51        | -25         | -17.51      | -62.5             | -45.61                | 3.1                    |
| 10222.4         | H                                                           | -41.96        | -25         | -16.96      | -64.66            | -42.76                | 0.8                    |
| 5111.2          | V                                                           | -39.68        | -25         | -14.68      | -55.39            | -45.12                | 5.44                   |
| 7666.8          | V                                                           | -35.98        | -25         | -10.98      | -56.3             | -39.08                | 3.1                    |
| 10222.4         | V                                                           | -41.45        | -25         | -16.45      | -62.83            | -42.25                | 0.8                    |

| Mode            | LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5201.2          | H                                                            | -40.52        | -25         | -15.52      | -56.47            | -45.94                | 5.42                   |
| 7801.8          | H                                                            | -40.35        | -25         | -15.35      | -60.51            | -43.44                | 3.09                   |
| 10402.4         | H                                                            | -39.11        | -25         | -14.11      | -61.49            | -39.66                | 0.55                   |
| 5201.2          | V                                                            | -35.47        | -25         | -10.47      | -51.18            | -40.89                | 5.42                   |
| 7801.8          | V                                                            | -33.91        | -25         | -8.91       | -54.56            | -37                   | 3.09                   |
| 10402.4         | V                                                            | -38.49        | -25         | -13.49      | -59.95            | -39.04                | 0.55                   |

| Mode            | LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 41190 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5291.2          | H                                                            | -44.36        | -25         | -19.36      | -60.33            | -49.98                | 5.62                   |
| 7936.8          | H                                                            | -42.64        | -25         | -17.64      | -62.66            | -45.28                | 2.64                   |
| 10582.4         | H                                                            | -41.87        | -25         | -16.87      | -64.11            | -42.21                | 0.34                   |
| 5291.2          | V                                                            | -38.74        | -25         | -13.74      | -54.61            | -44.36                | 5.62                   |
| 7936.8          | V                                                            | -36.26        | -25         | -11.26      | -56.91            | -38.9                 | 2.64                   |
| 10582.4         | V                                                            | -39.51        | -25         | -14.51      | -61.07            | -39.85                | 0.34                   |

NOTE: EIRP = S.G power value + correction factor

| Mode            | LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 40315 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5125            | H                                                            | -45.25        | -25         | -20.25      | -61.17            | -50.68                | 5.43                   |
| 7687.5          | H                                                            | -42.68        | -25         | -17.68      | -62.69            | -45.78                | 3.1                    |
| 10250           | H                                                            | -41.94        | -25         | -16.94      | -64.61            | -42.72                | 0.78                   |
| 5125            | V                                                            | -39.22        | -25         | -14.22      | -54.93            | -44.65                | 5.43                   |
| 7687.5          | V                                                            | -36.11        | -25         | -11.11      | -56.46            | -39.21                | 3.1                    |
| 10250           | V                                                            | -40.42        | -25         | -15.42      | -61.8             | -41.2                 | 0.78                   |

| Mode            | LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5210            | H                                                            | -41.04        | -25         | -16.04      | -56.99            | -46.46                | 5.42                   |
| 7815            | H                                                            | -39.44        | -25         | -14.44      | -59.6             | -42.53                | 3.09                   |
| 10420           | H                                                            | -39.74        | -25         | -14.74      | -62.12            | -40.29                | 0.55                   |
| 5210            | V                                                            | -34.52        | -25         | -9.52       | -50.23            | -39.94                | 5.42                   |
| 7815            | V                                                            | -34.11        | -25         | -9.11       | -54.76            | -37.2                 | 3.09                   |
| 10420           | V                                                            | -38.45        | -25         | -13.45      | -59.91            | -39                   | 0.55                   |

| Mode            | LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 41165 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5295            | H                                                            | -44.66        | -25         | -19.66      | -60.62            | -50.27                | 5.61                   |
| 7942.5          | H                                                            | -42.44        | -25         | -17.44      | -62.46            | -45.1                 | 2.66                   |
| 10590           | H                                                            | -41.36        | -25         | -16.36      | -63.59            | -41.71                | 0.35                   |
| 5295            | V                                                            | -38.84        | -25         | -13.84      | -54.7             | -44.45                | 5.61                   |
| 7942.5          | V                                                            | -35.88        | -25         | -10.88      | -56.52            | -38.54                | 2.66                   |
| 10590           | V                                                            | -39.61        | -25         | -14.61      | -61.15            | -39.96                | 0.35                   |

NOTE: EIRP = S.G power value + correction factor

| Mode            | LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 40340 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5130            | H                                                            | -44.65        | -25         | -19.65      | -60.58            | -50.08                | 5.43                   |
| 7695            | H                                                            | -41.79        | -25         | -16.79      | -61.81            | -44.89                | 3.1                    |
| 10260           | H                                                            | -42.93        | -25         | -17.93      | -65.58            | -43.7                 | 0.77                   |
| 5130            | V                                                            | -39.87        | -25         | -14.87      | -55.58            | -45.3                 | 5.43                   |
| 7695            | V                                                            | -35.08        | -25         | -10.08      | -55.45            | -38.18                | 3.1                    |
| 10260           | V                                                            | -40.47        | -25         | -15.47      | -61.85            | -41.24                | 0.77                   |

| Mode            | LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 40740 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5210            | H                                                            | -41.53        | -25         | -16.53      | -57.48            | -46.95                | 5.42                   |
| 7815            | H                                                            | -41.41        | -25         | -16.41      | -61.57            | -44.5                 | 3.09                   |
| 10420           | H                                                            | -38.13        | -25         | -13.13      | -60.51            | -38.68                | 0.55                   |
| 5210            | V                                                            | -34.77        | -25         | -9.77       | -50.48            | -40.19                | 5.42                   |
| 7815            | V                                                            | -34.55        | -25         | -9.55       | -55.2             | -37.64                | 3.09                   |
| 10420           | V                                                            | -35.85        | -25         | -10.85      | -57.31            | -36.4                 | 0.55                   |

| Mode            | LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 41140 |               |             |             |                   |                       |                        |
|-----------------|--------------------------------------------------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity                                             | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 5290            | H                                                            | -43.65        | -25         | -18.65      | -59.61            | -49.25                | 5.6                    |
| 7935            | H                                                            | -41.55        | -25         | -16.55      | -61.59            | -44.24                | 2.69                   |
| 10580           | H                                                            | -41.34        | -25         | -16.34      | -63.58            | -41.7                 | 0.36                   |
| 5290            | V                                                            | -38.41        | -25         | -13.41      | -54.26            | -44.01                | 5.6                    |
| 7935            | V                                                            | -36.79        | -25         | -11.79      | -57.44            | -39.48                | 2.69                   |
| 10580           | V                                                            | -40.04        | -25         | -15.04      | -61.58            | -40.4                 | 0.36                   |

NOTE: EIRP = S.G power value + correction factor

## Summary

| Mode                       | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 41                    | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| LTE_5MHz_Nss1,QPSK_1TX     | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25892G    | -39.47         | -25.00         | -14.47         | -      | -                 |
| LTE_5MHz_Nss1,16QAMCS_1TX  | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25126G    | -39.33         | -25.00         | -14.33         | -      | -                 |
| LTE_10MHz_Nss1,QPSK_1TX    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25211G    | -39.43         | -25.00         | -14.43         | -      | -                 |
| LTE_10MHz_Nss1,16QAMCS_1TX | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26573G    | -39.36         | -25.00         | -14.36         | -      | -                 |
| LTE_15MHz_Nss1,QPSK_1TX    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26148G    | -39.48         | -25.00         | -14.48         | -      | -                 |
| LTE_15MHz_Nss1,16QAMCS_1TX | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25977G    | -39.54         | -25.00         | -14.54         | -      | -                 |
| LTE_20MHz_Nss1,QPSK_1TX    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25211G    | -39.54         | -25.00         | -14.54         | -      | -                 |
| LTE_20MHz_Nss1,16QAMCS_1TX | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.27935G    | -39.46         | -25.00         | -14.46         | -      | -                 |



## Out of Band Emissions

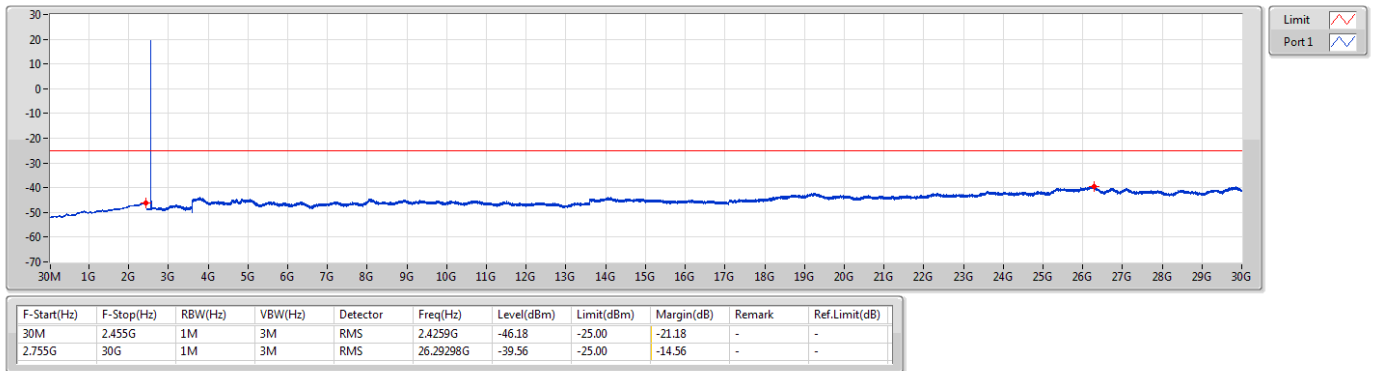
## Appendix C.1

### Result

| Mode                        | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|-----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 41_LTE_5MHz_Nss1_1TX   | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 2557.5MHz_QPSK_RB 1,#RB 12  | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.4259G      | -46.18         | -25.00         | -21.18         | -      | -                 |
| 2557.5MHz_QPSK_RB 1,#RB 12  | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.29298G    | -39.56         | -25.00         | -14.56         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 12    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44833G     | -46.71         | -25.00         | -21.71         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 12    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25892G    | -39.47         | -25.00         | -14.47         | -      | -                 |
| 2652.5MHz_QPSK_RB 1,#RB 12  | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45015G     | -46.15         | -25.00         | -21.15         | -      | -                 |
| 2652.5MHz_QPSK_RB 1,#RB 12  | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.23593G    | -39.59         | -25.00         | -14.59         | -      | -                 |
| 2557.5MHz_16QAM_RB 1,#RB 12 | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.43378G     | -46.18         | -25.00         | -21.18         | -      | -                 |
| 2557.5MHz_16QAM_RB 1,#RB 12 | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.28787G    | -39.55         | -25.00         | -14.55         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 12   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44773G     | -46.07         | -25.00         | -21.07         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 12   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25126G    | -39.33         | -25.00         | -14.33         | -      | -                 |
| 2652.5MHz_16QAM_RB 1,#RB 12 | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.4453G      | -46.15         | -25.00         | -21.15         | -      | -                 |
| 2652.5MHz_16QAM_RB 1,#RB 12 | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.22742G    | -39.63         | -25.00         | -14.63         | -      | -                 |
| Band 41_LTE_10MHz_Nss1_1TX  | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 2560MHz_QPSK_RB 1,#RB 25    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44894G     | -46.14         | -25.00         | -21.14         | -      | -                 |
| 2560MHz_QPSK_RB 1,#RB 25    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25211G    | -39.43         | -25.00         | -14.43         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 25    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44773G     | -46.22         | -25.00         | -21.22         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 25    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.14824G    | -39.71         | -25.00         | -14.71         | -      | -                 |
| 2650MHz_QPSK_RB 1,#RB 25    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45076G     | -46.20         | -25.00         | -21.20         | -      | -                 |
| 2650MHz_QPSK_RB 1,#RB 25    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.24189G    | -39.57         | -25.00         | -14.57         | -      | -                 |
| 2560MHz_16QAM_RB 1,#RB 25   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44651G     | -46.18         | -25.00         | -21.18         | -      | -                 |
| 2560MHz_16QAM_RB 1,#RB 25   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26148G    | -39.58         | -25.00         | -14.58         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 25   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45197G     | -46.17         | -25.00         | -21.17         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 25   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26573G    | -39.36         | -25.00         | -14.36         | -      | -                 |
| 2650MHz_16QAM_RB 1,#RB 25   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44409G     | -46.20         | -25.00         | -21.20         | -      | -                 |
| 2650MHz_16QAM_RB 1,#RB 25   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26062G    | -39.43         | -25.00         | -14.43         | -      | -                 |
| Band 41_LTE_15MHz_Nss1_1TX  | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 2562.5MHz_QPSK_RB 1,#RB 37  | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45439G     | -46.17         | -25.00         | -21.17         | -      | -                 |
| 2562.5MHz_QPSK_RB 1,#RB 37  | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26148G    | -39.48         | -25.00         | -14.48         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 37    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.455G       | -46.20         | -25.00         | -21.20         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 37    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.28872G    | -39.69         | -25.00         | -14.69         | -      | -                 |
| 2647.5MHz_QPSK_RB 1,#RB 37  | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45379G     | -46.20         | -25.00         | -21.20         | -      | -                 |
| 2647.5MHz_QPSK_RB 1,#RB 37  | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.22657G    | -39.59         | -25.00         | -14.59         | -      | -                 |
| 2562.5MHz_16QAM_RB 1,#RB 37 | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45076G     | -46.21         | -25.00         | -21.21         | -      | -                 |
| 2562.5MHz_16QAM_RB 1,#RB 37 | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.21976G    | -39.68         | -25.00         | -14.68         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 37   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.34951G     | -46.17         | -25.00         | -21.17         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 37   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25892G    | -39.55         | -25.00         | -14.55         | -      | -                 |
| 2647.5MHz_16QAM_RB 1,#RB 37 | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45379G     | -46.18         | -25.00         | -21.18         | -      | -                 |
| 2647.5MHz_16QAM_RB 1,#RB 37 | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25977G    | -39.54         | -25.00         | -14.54         | -      | -                 |
| Band 41_LTE_20MHz_Nss1_1TX  | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| 2565MHz_QPSK_RB 1,#RB 49    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45379G     | -46.14         | -25.00         | -21.14         | -      | -                 |
| 2565MHz_QPSK_RB 1,#RB 49    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.25211G    | -39.54         | -25.00         | -14.54         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 49    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44894G     | -46.16         | -25.00         | -21.16         | -      | -                 |
| 2605MHz_QPSK_RB 1,#RB 49    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.28106G    | -39.57         | -25.00         | -14.57         | -      | -                 |
| 2645MHz_QPSK_RB 1,#RB 49    | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.455G       | -46.12         | -25.00         | -21.12         | -      | -                 |
| 2645MHz_QPSK_RB 1,#RB 49    | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.27084G    | -39.69         | -25.00         | -14.69         | -      | -                 |
| 2565MHz_16QAM_RB 1,#RB 49   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44954G     | -46.17         | -25.00         | -21.17         | -      | -                 |
| 2565MHz_16QAM_RB 1,#RB 49   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.23678G    | -39.50         | -25.00         | -14.50         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 49   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.44651G     | -46.18         | -25.00         | -21.18         | -      | -                 |
| 2605MHz_16QAM_RB 1,#RB 49   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.27935G    | -39.46         | -25.00         | -14.46         | -      | -                 |
| 2645MHz_16QAM_RB 1,#RB 49   | Pass   | 30M             | 2.455G         | 1M          | 3M          | RMS      | 2.45197G     | -46.20         | -25.00         | -21.20         | -      | -                 |
| 2645MHz_16QAM_RB 1,#RB 49   | Pass   | 2.755G          | 30G            | 1M          | 3M          | RMS      | 26.26999G    | -39.61         | -25.00         | -14.61         | -      | -                 |

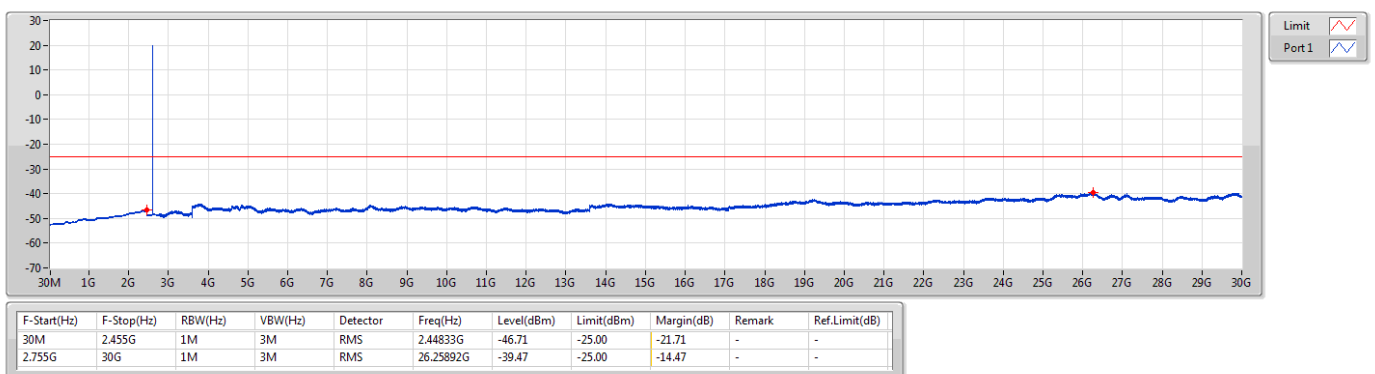
**Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**2557.5MHz\_QPSK**

CSE-TX-Sum



**Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**2605MHz\_QPSK**

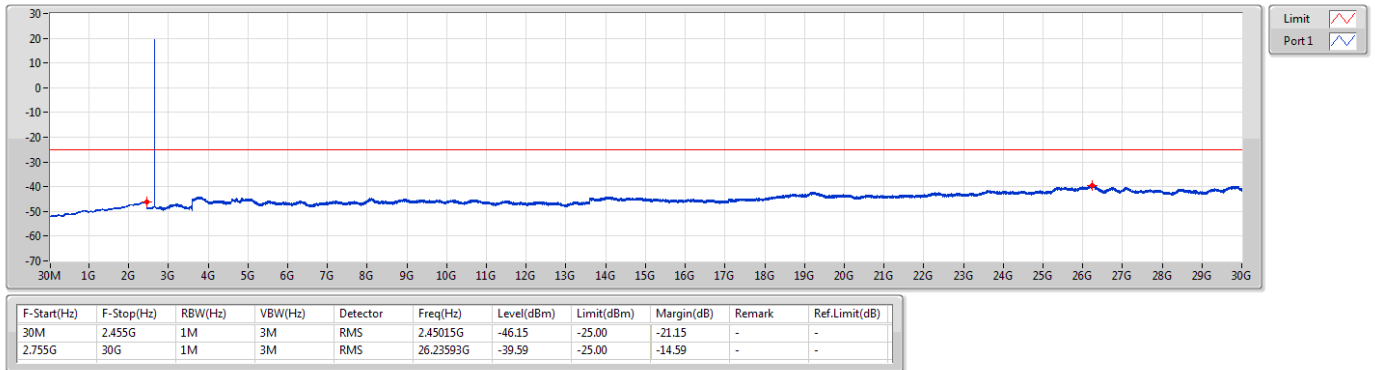
CSE-TX-Sum



## Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

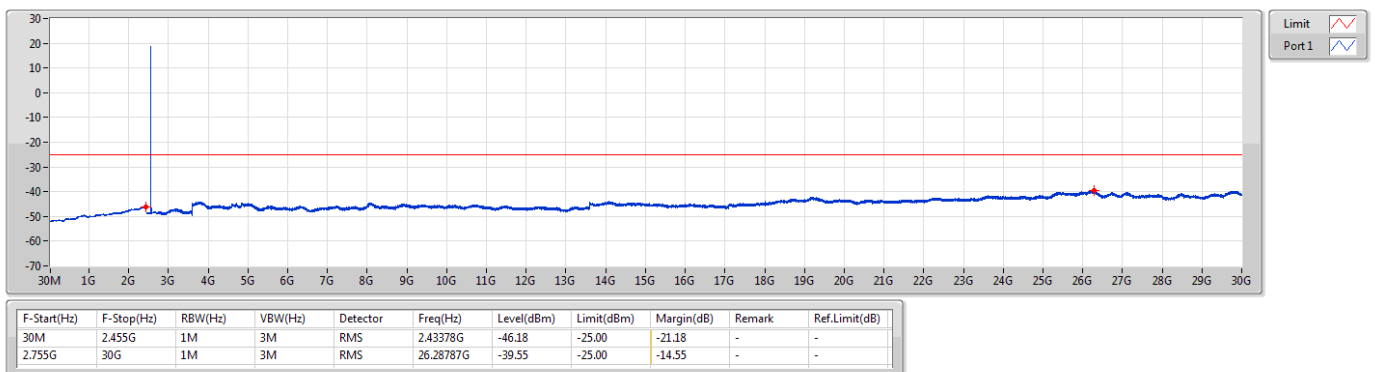
### 2652.5MHz\_QPSK



## Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

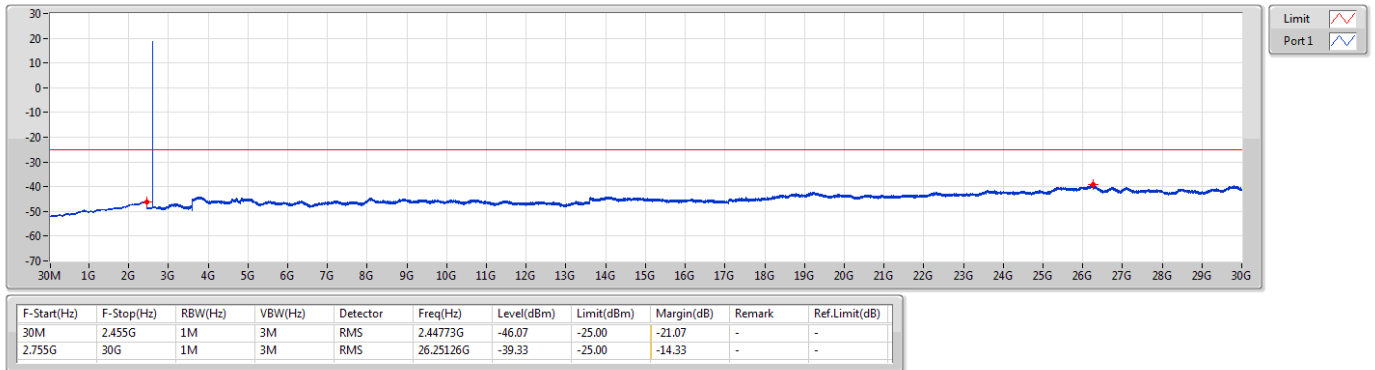
### 2557.5MHz\_16QAM



Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

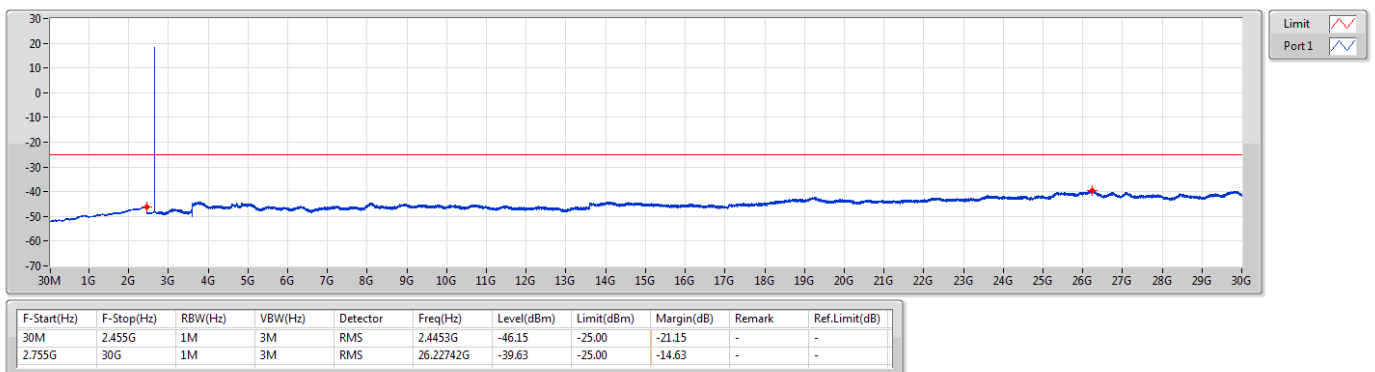
2605MHz\_16QAM



Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

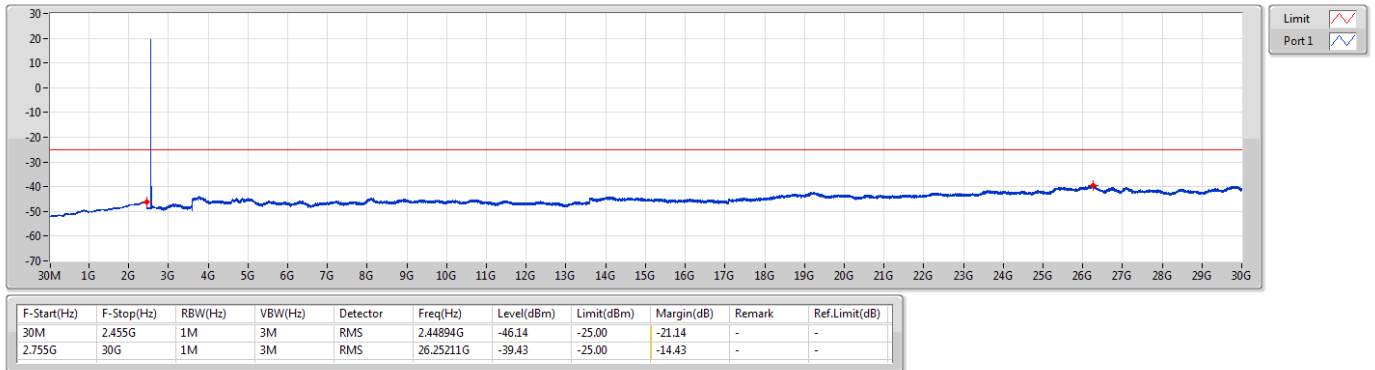
2652.5MHz\_16QAM



Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

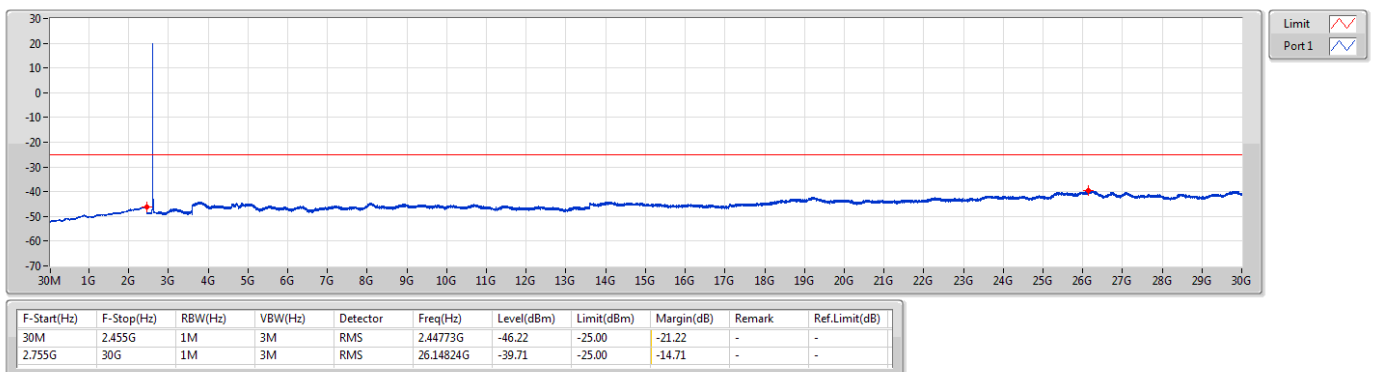
2560MHz\_QPSK



Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

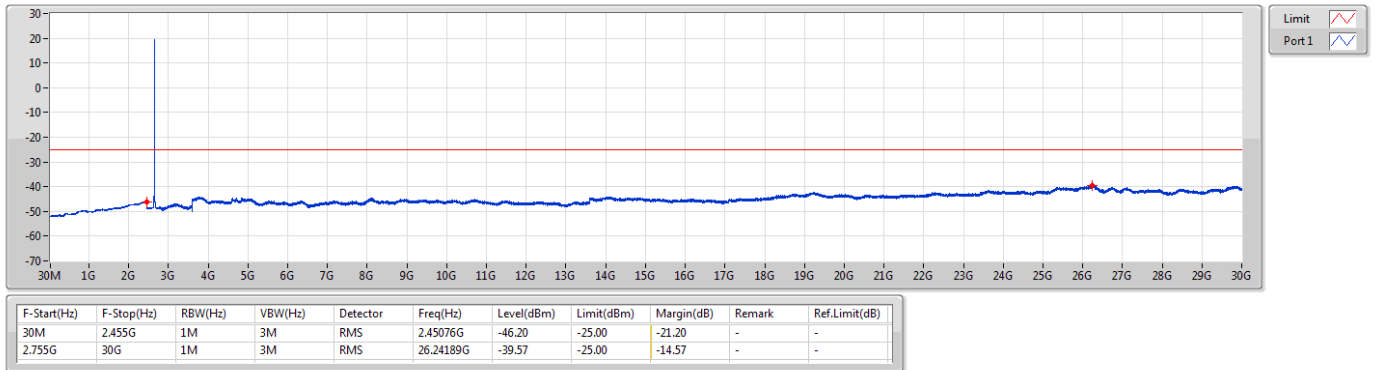
2605MHz\_QPSK



## Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

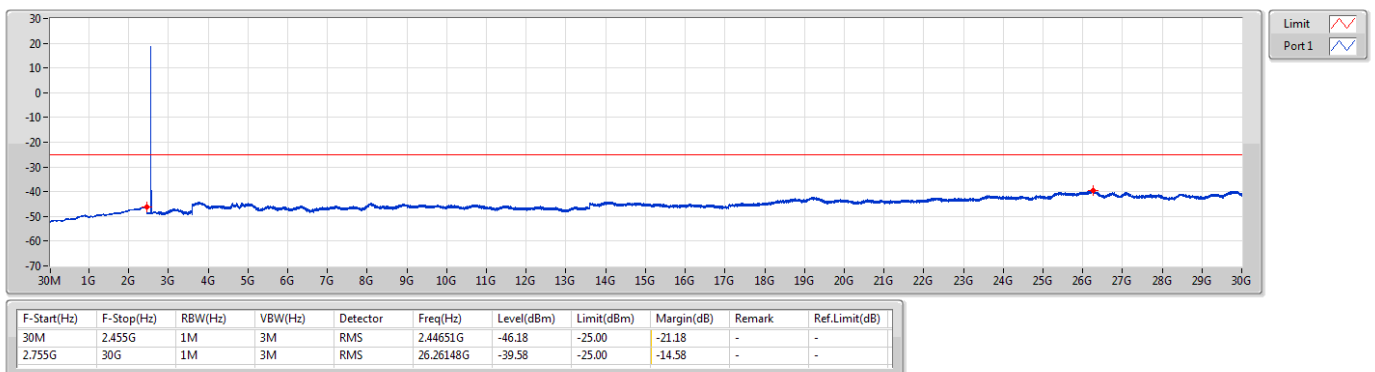
### 2650MHz\_QPSK



## Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

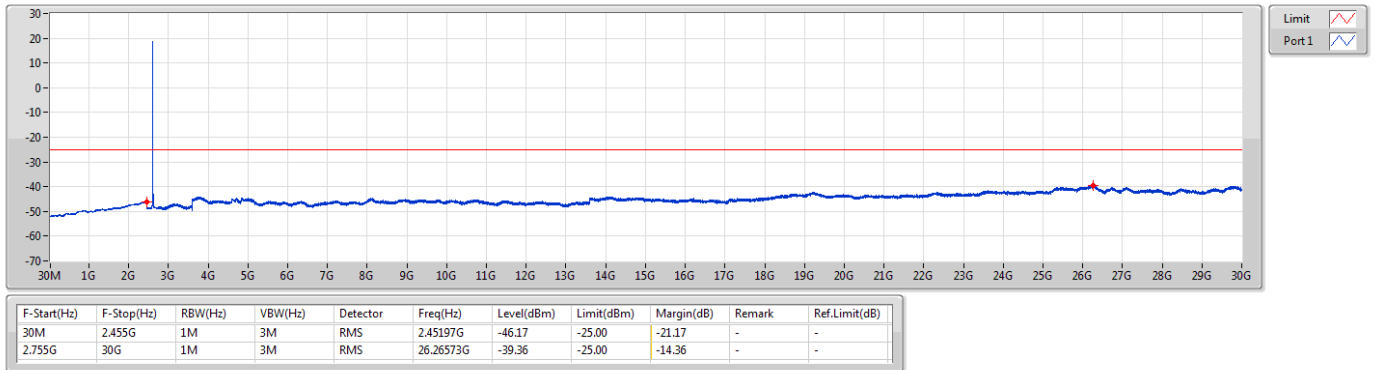
### 2560MHz\_16QAM



Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

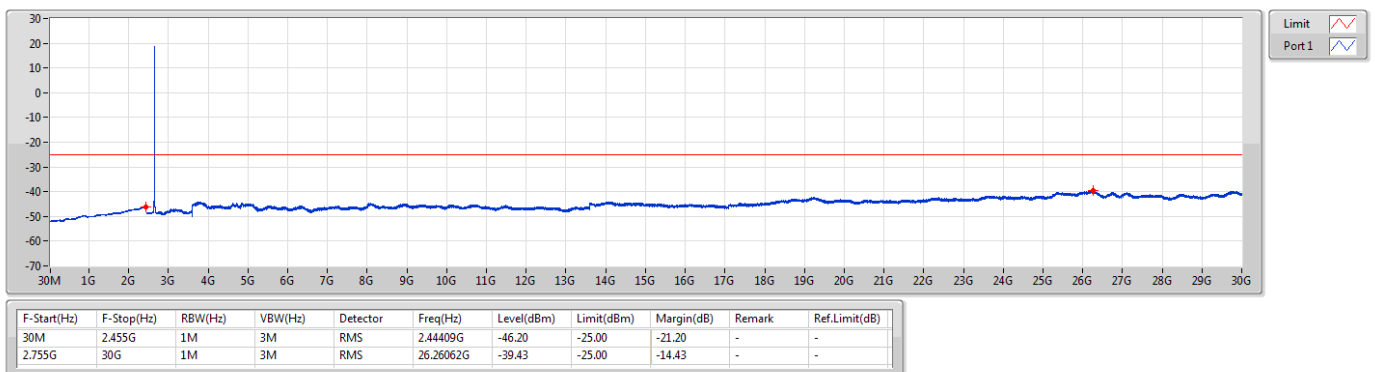
2605MHz\_16QAM



Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

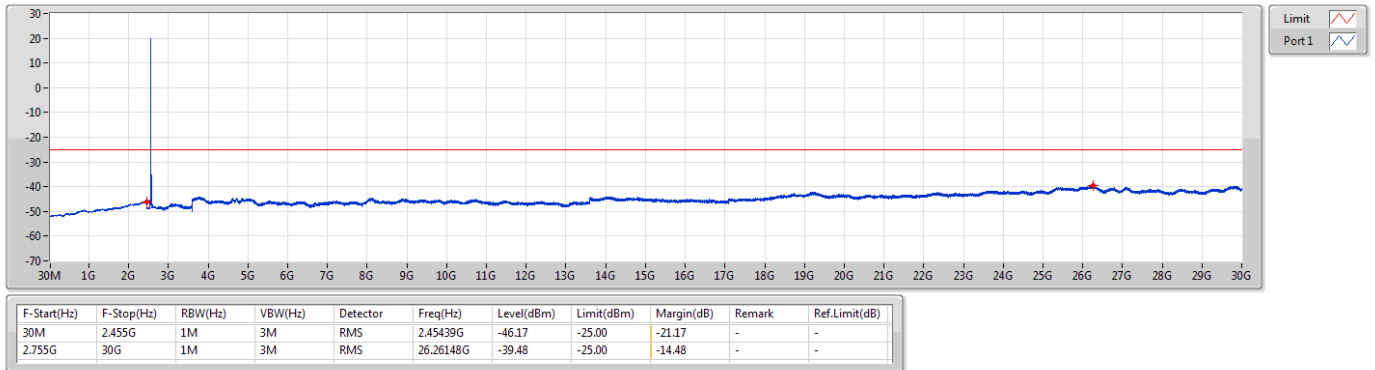
2650MHz\_16QAM



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

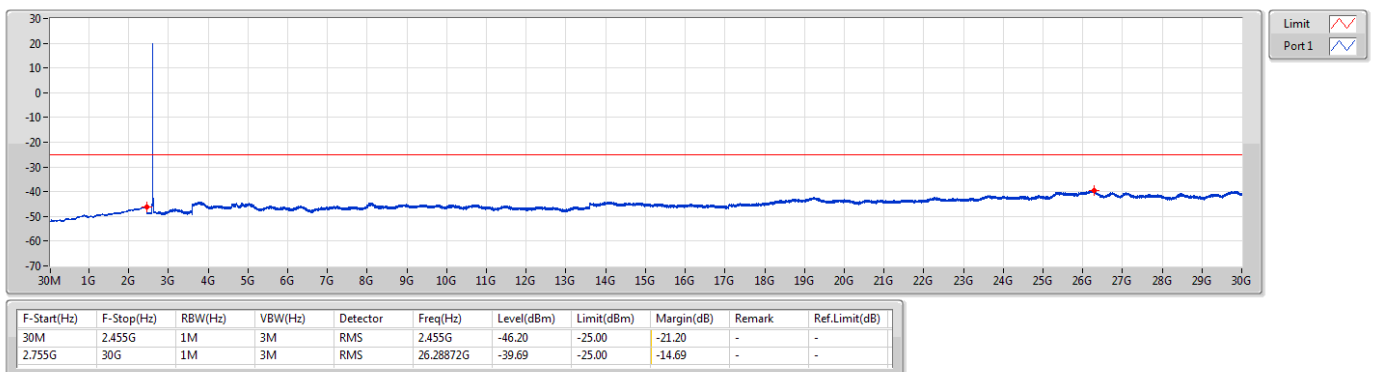
2562.5MHz\_QPSK



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

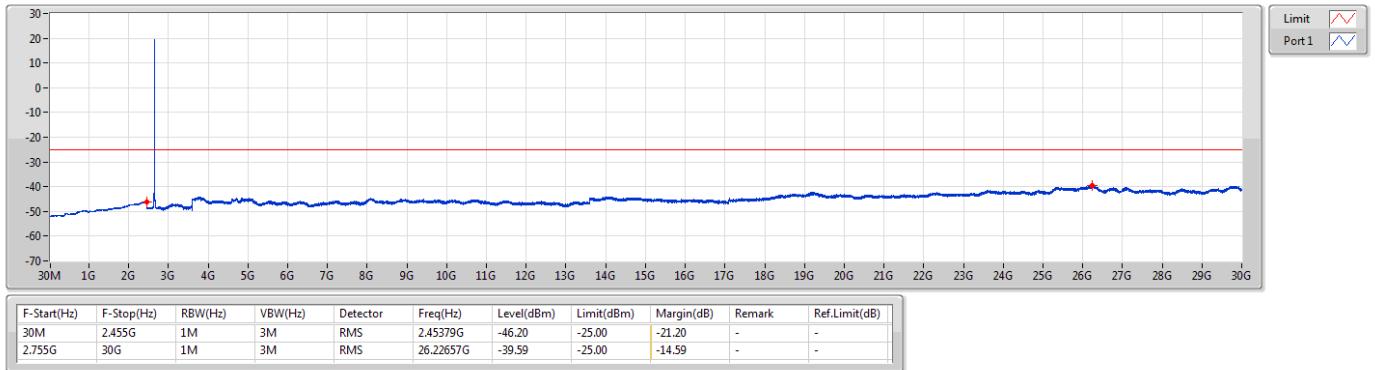
2605MHz\_QPSK



## Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

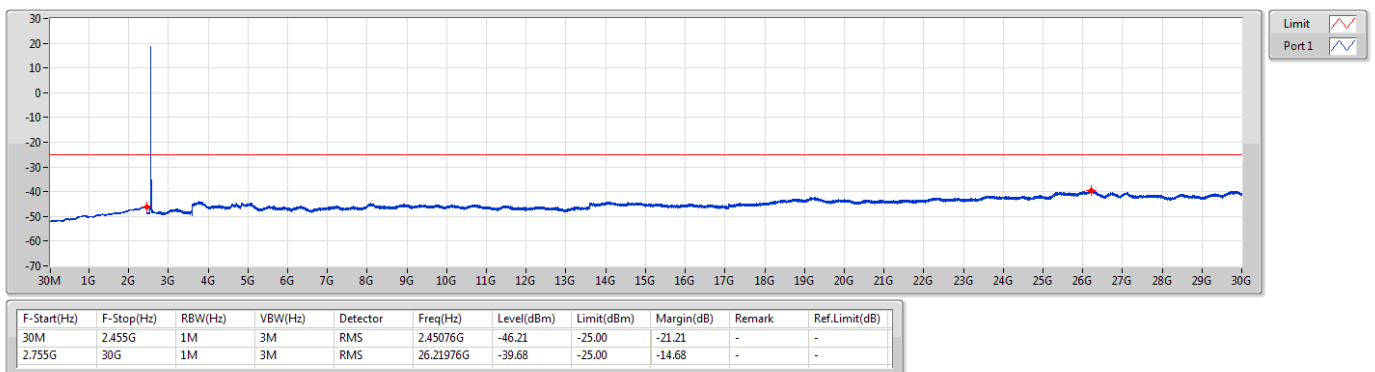
### 2647.5MHz\_QPSK



## Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

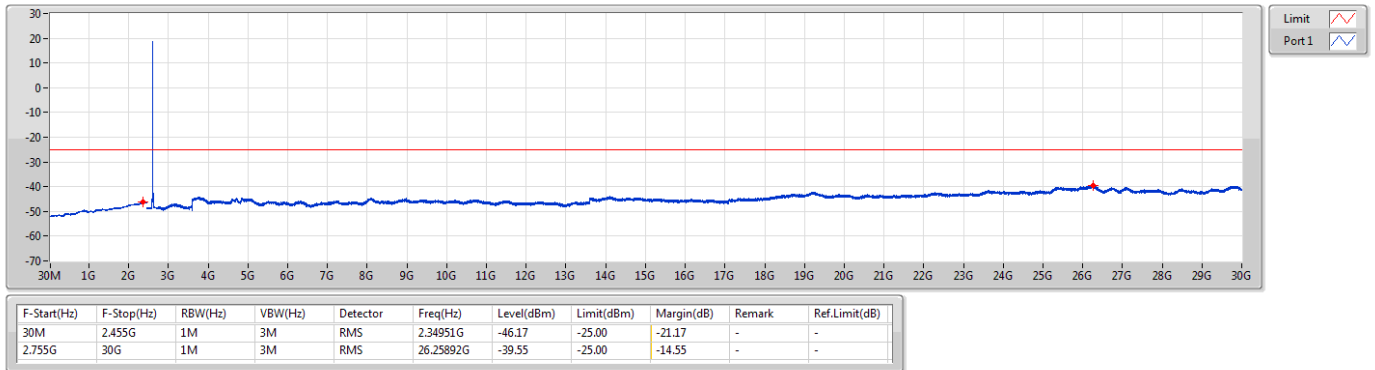
### 2562.5MHz\_16QAM



Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

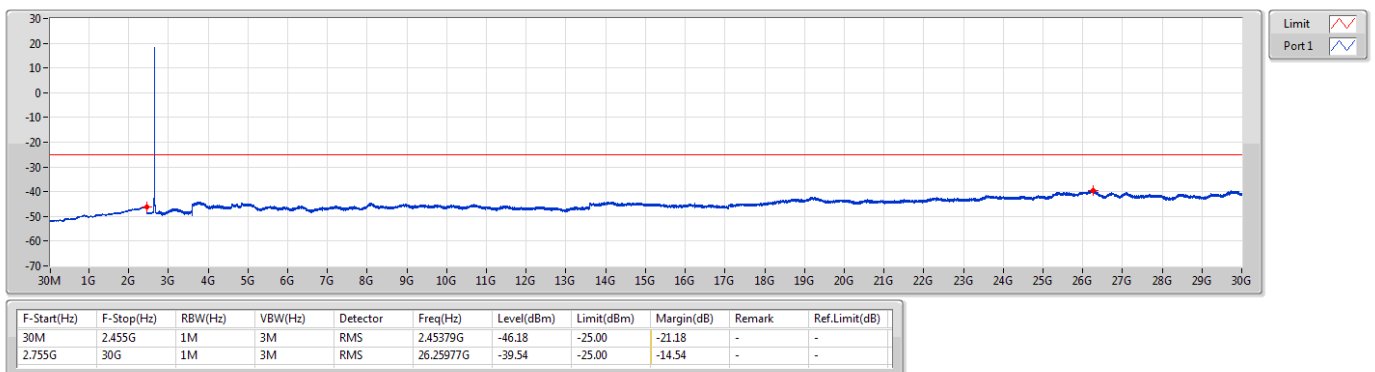
2605MHz\_16QAM



Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

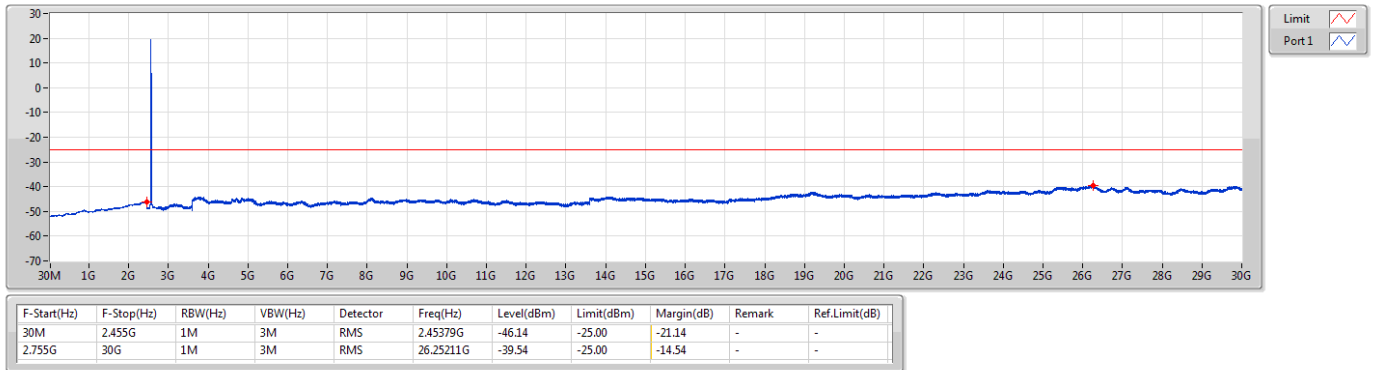
2647.5MHz\_16QAM



Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

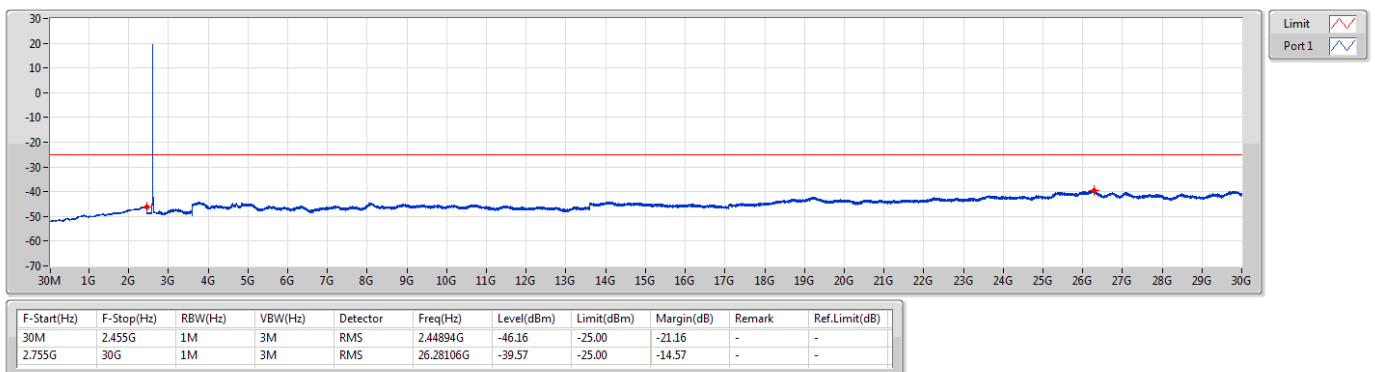
2565MHz\_QPSK



Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

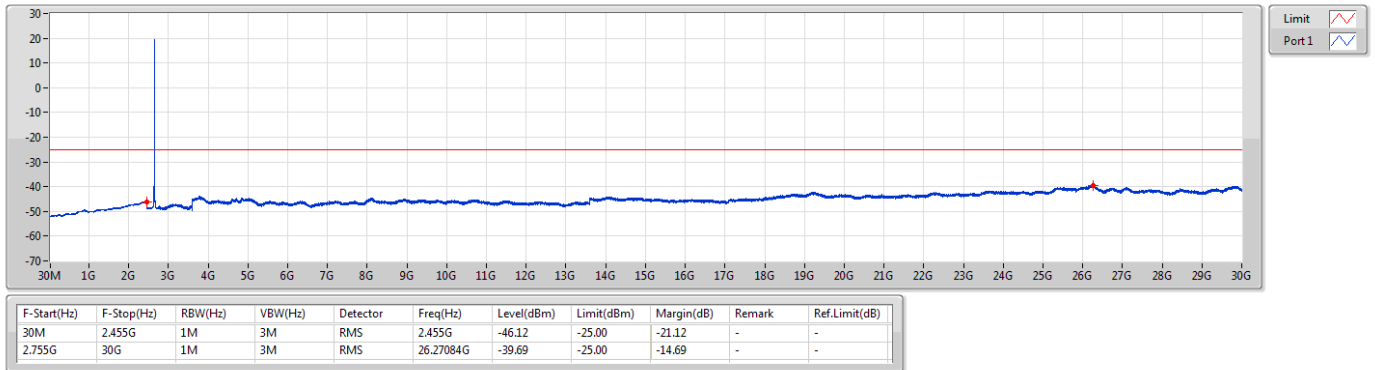
2605MHz\_QPSK



## Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

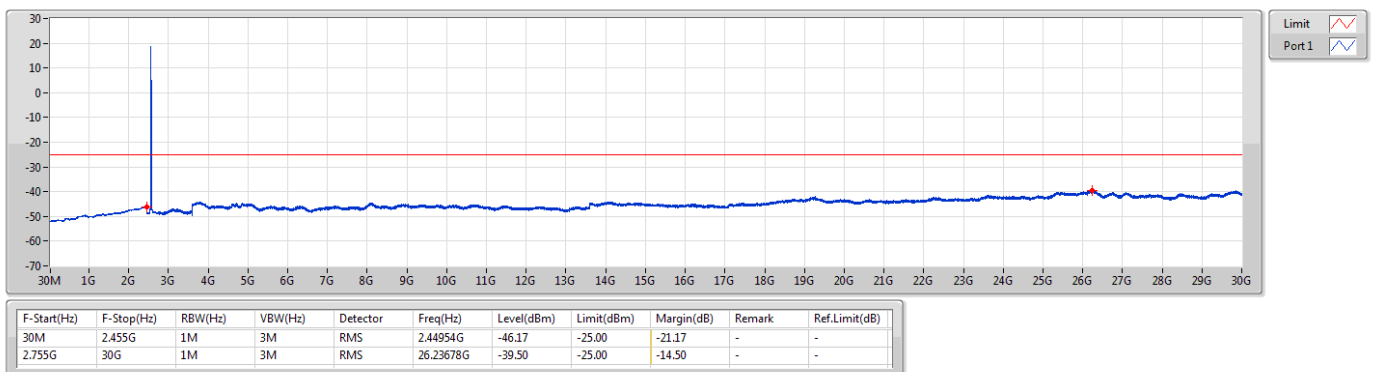
### 2645MHz\_QPSK



## Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

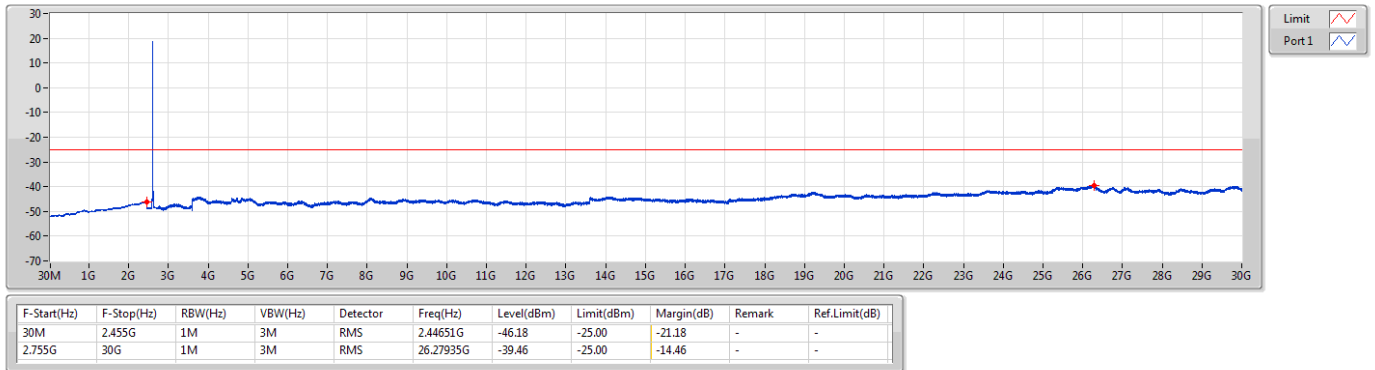
### 2565MHz\_16QAM



Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

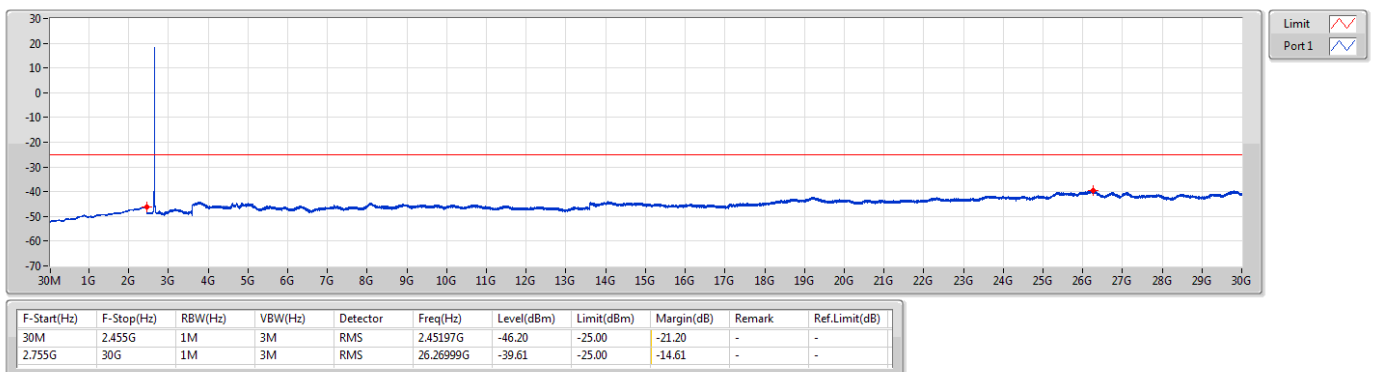
2605MHz\_16QAM



Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX

CSE-TX-Sum

2645MHz\_16QAM



**Summary**

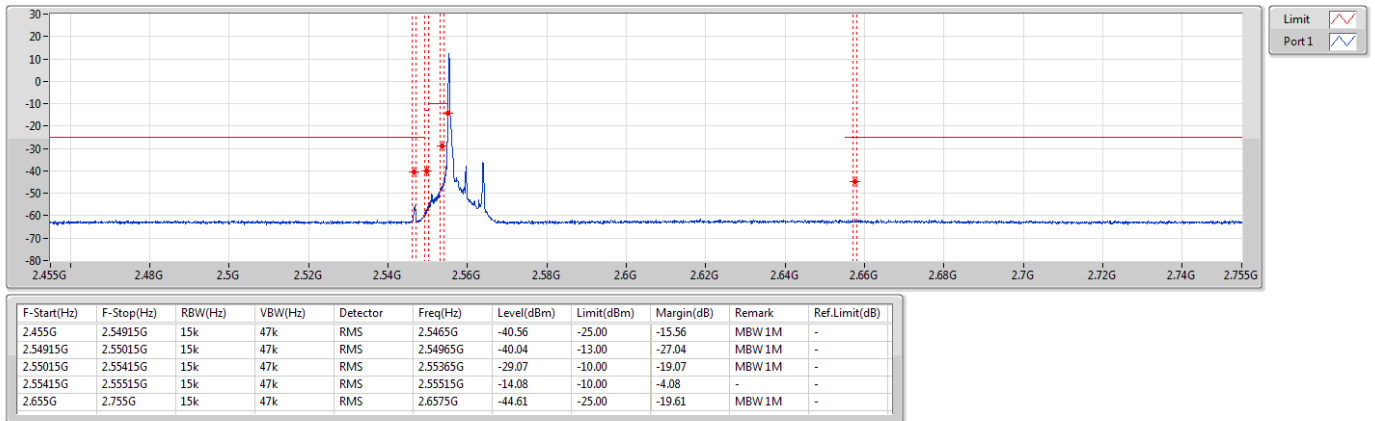
| Mode                       | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | RBW<br>(Hz) | VBW<br>(Hz) | Detector | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Remark | Ref.Limit<br>(dB) |
|----------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|--------|-------------------|
| Band 41                    | -      | -               | -              | -           | -           | -        | -            | -              | -              | -              | -      | -                 |
| LTE_5MHz_Nss1,QPSK_1TX     | Pass   | 2.66085G        | 2.755G         | 100k        | 300k        | RMS      | 2.66135G     | -27.24         | -25.00         | -2.24          | MBW 1M | -                 |
| LTE_5MHz_Nss1,16QAMCS_1TX  | Pass   | 2.55415G        | 2.55515G       | 15k         | 47k         | RMS      | 2.55515G     | -13.70         | -10.00         | -3.70          | -      | -                 |
| LTE_10MHz_Nss1,QPSK_1TX    | Pass   | 2.6685G         | 2.755G         | 200k        | 620k        | RMS      | 2.669G       | -32.54         | -25.00         | -7.54          | MBW 1M | -                 |
| LTE_10MHz_Nss1,16QAMCS_1TX | Pass   | 2.6685G         | 2.755G         | 200k        | 620k        | RMS      | 2.669G       | -33.84         | -25.00         | -8.84          | MBW 1M | -                 |
| LTE_15MHz_Nss1,QPSK_1TX    | Pass   | 2.65455G        | 2.65555G       | 300k        | 910k        | RMS      | 2.65455G     | -13.89         | -10.00         | -3.89          | -      | -                 |
| LTE_15MHz_Nss1,16QAMCS_1TX | Pass   | 2.65455G        | 2.65555G       | 300k        | 910k        | RMS      | 2.65455G     | -14.99         | -10.00         | -4.99          | -      | -                 |
| LTE_20MHz_Nss1,QPSK_1TX    | Pass   | 2.6735G         | 2.755G         | 430k        | 1.3M        | RMS      | 2.674G       | -31.27         | -25.00         | -6.27          | MBW 1M | -                 |
| LTE_20MHz_Nss1,16QAMCS_1TX | Pass   | 2.6735G         | 2.755G         | 430k        | 1.3M        | RMS      | 2.674G       | -33.11         | -25.00         | -8.11          | MBW 1M | -                 |



Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

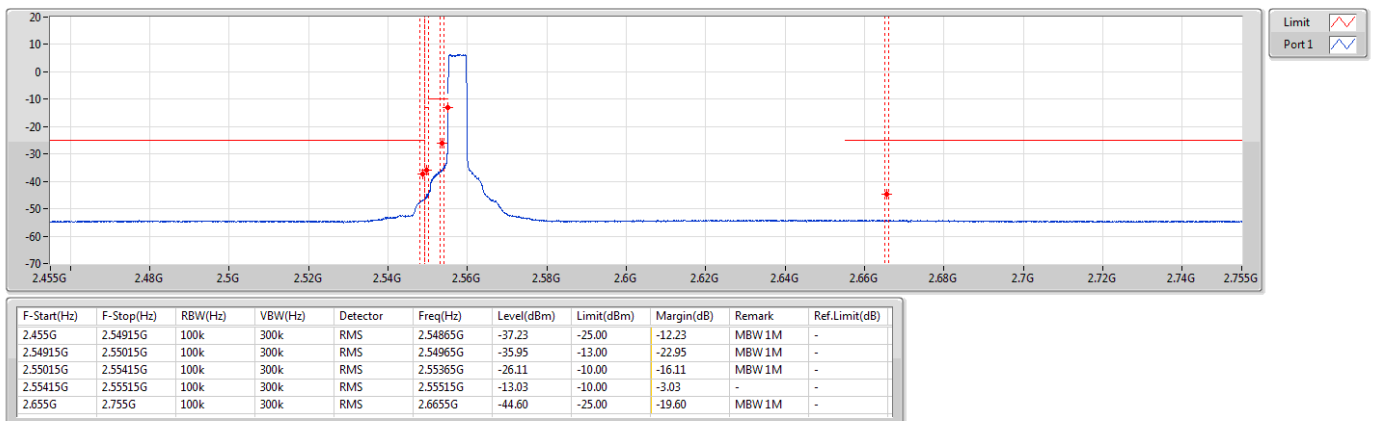
2557.5MHz\_QPSK\_RB 1,#RB 0



Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

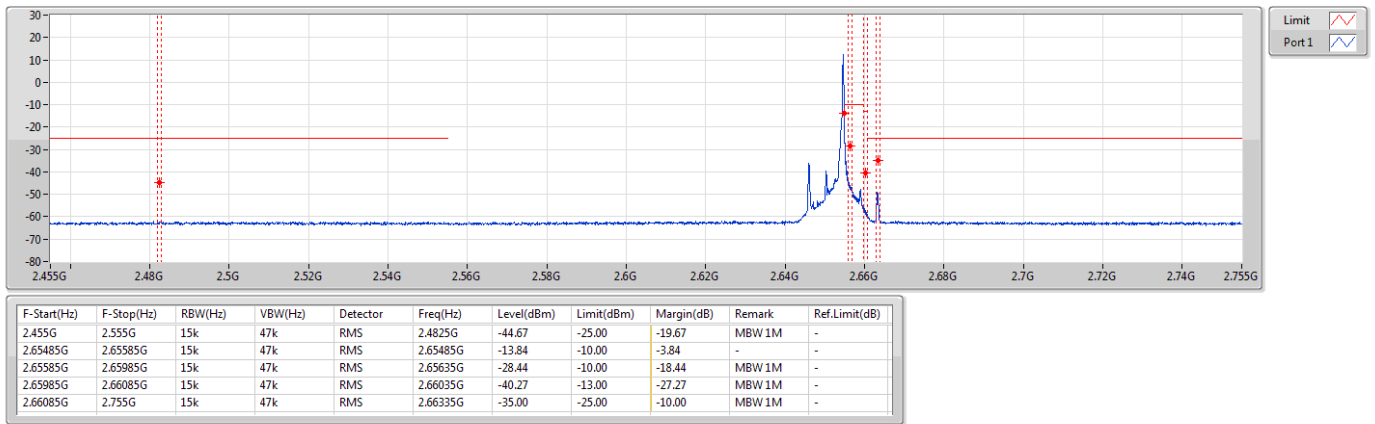
2557.5MHz\_QPSK\_RB 25,#RB 0





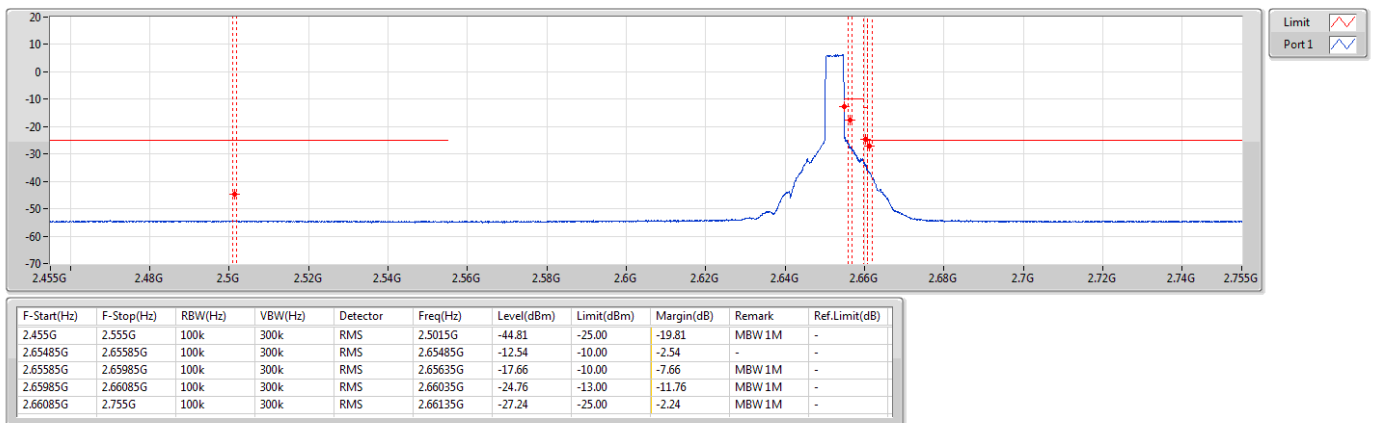
Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX  
2652.5MHz\_QPSK\_RB 1,#RB 24

CSE-TX-Sum



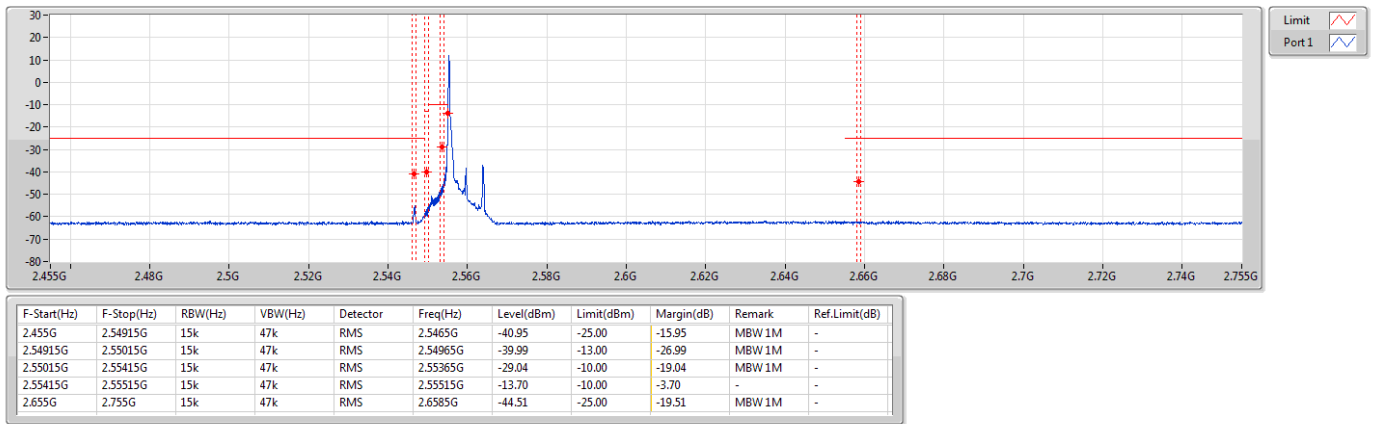
Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX  
2652.5MHz\_QPSK\_RB 25,#RB 0

CSE-TX-Sum



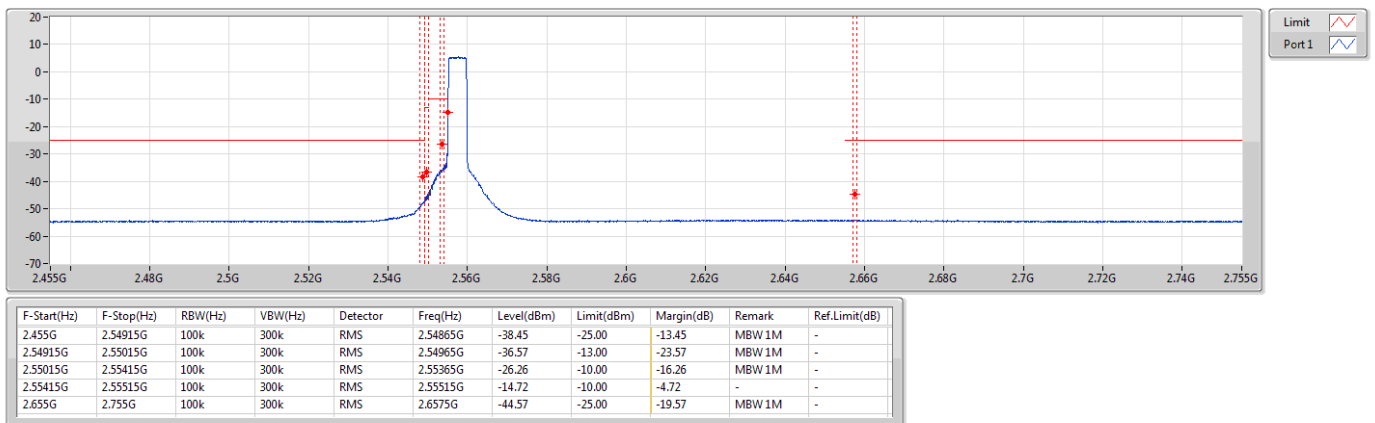
**Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX**  
**2557.5MHz\_16QAM\_RB 1,#RB 0**

CSE-TX-Sum



**Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX**  
**2557.5MHz\_16QAM\_RB 25,#RB 0**

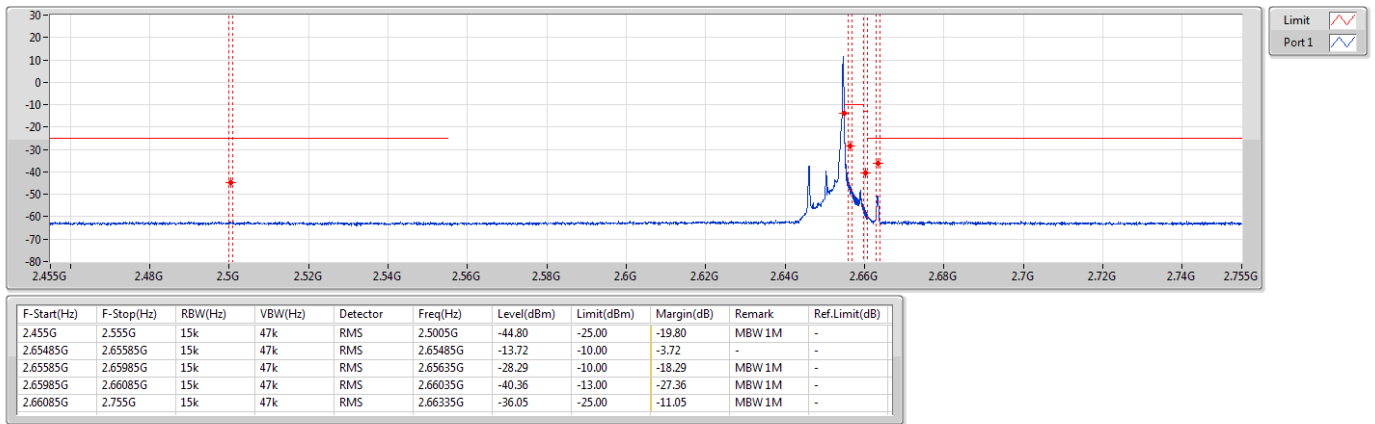
CSE-TX-Sum





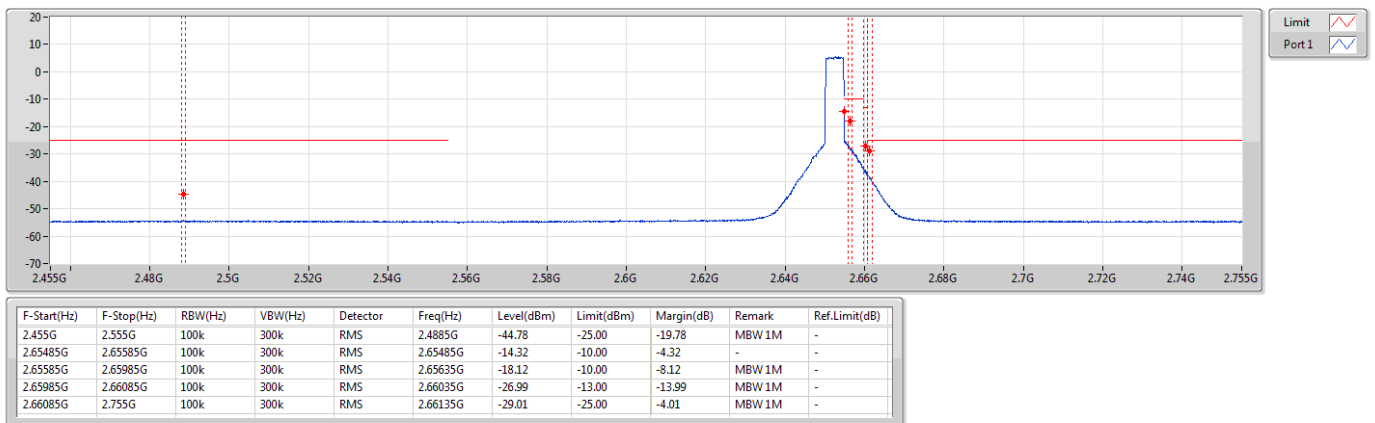
Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX  
2652.5MHz\_16QAM\_RB 1,#RB 24

CSE-TX-Sum



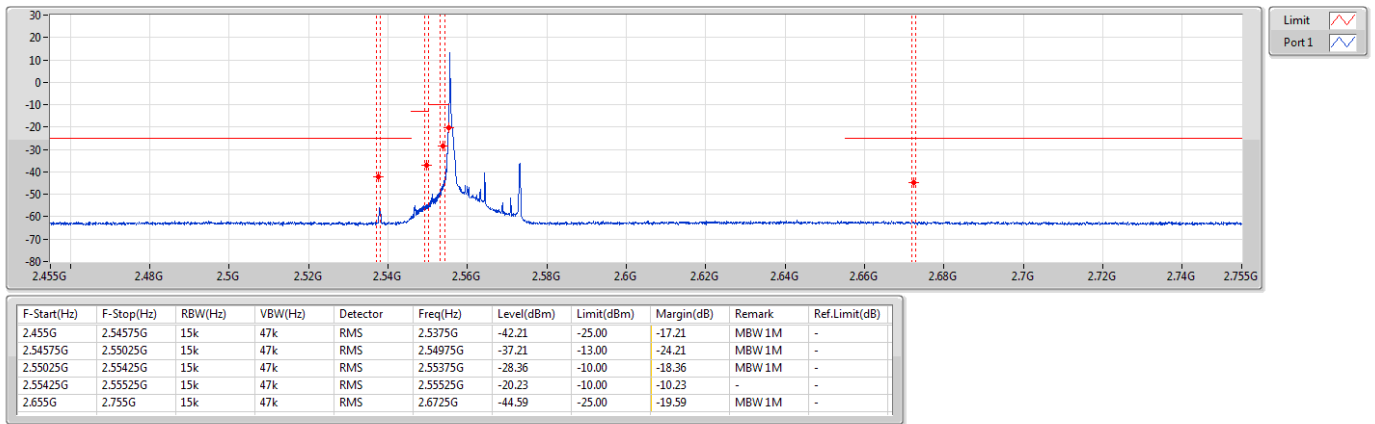
Band 41\_LTE\_5MHz\_Nss1,16QAMCS\_1TX  
2652.5MHz\_16QAM\_RB 25,#RB 0

CSE-TX-Sum



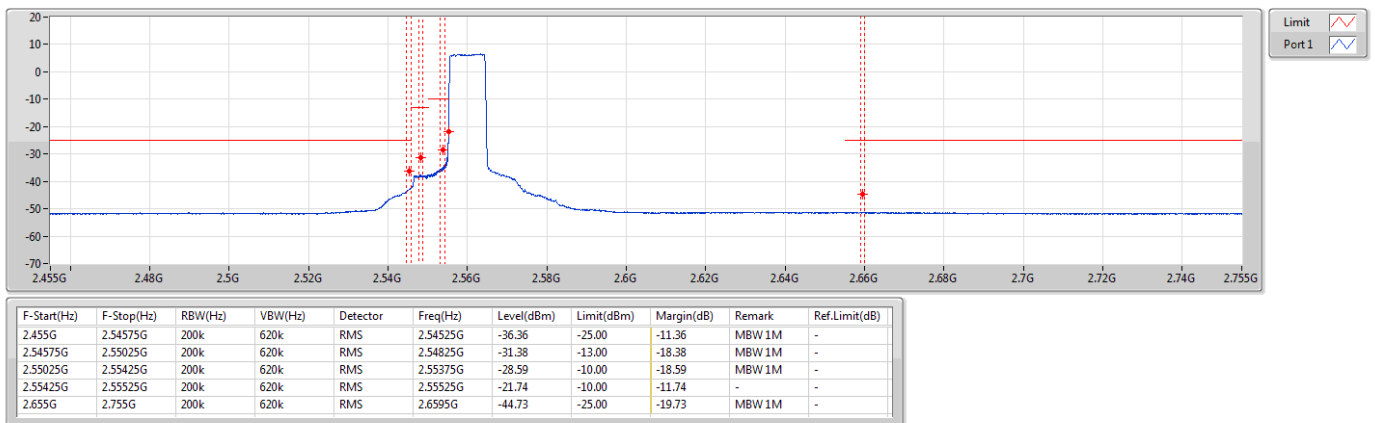
Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX  
2560MHz\_QPSK\_RB 1,#RB 0

CSE-TX-Sum



Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX  
2560MHz\_QPSK\_RB 50,#RB 0

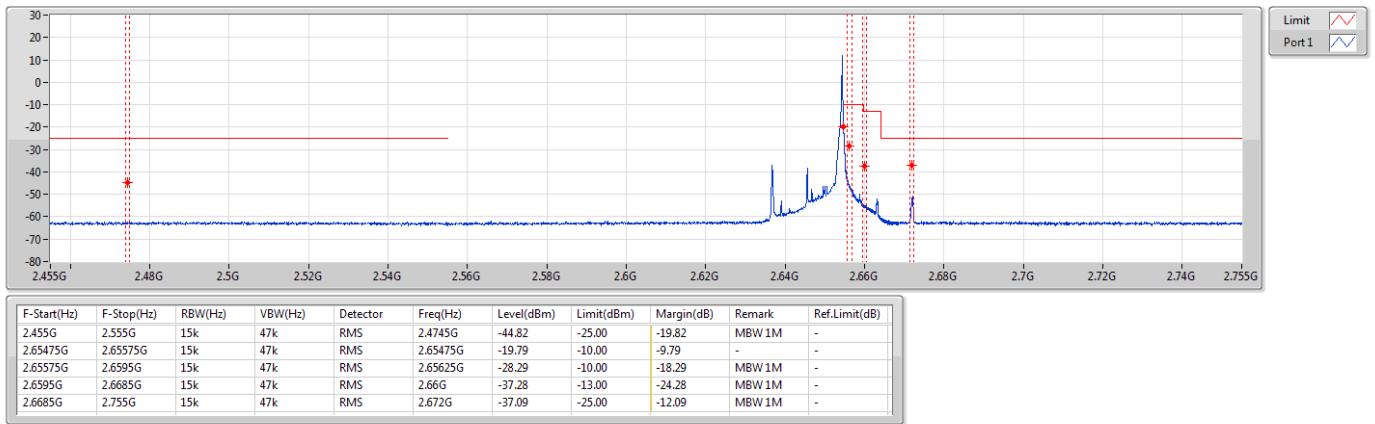
CSE-TX-Sum





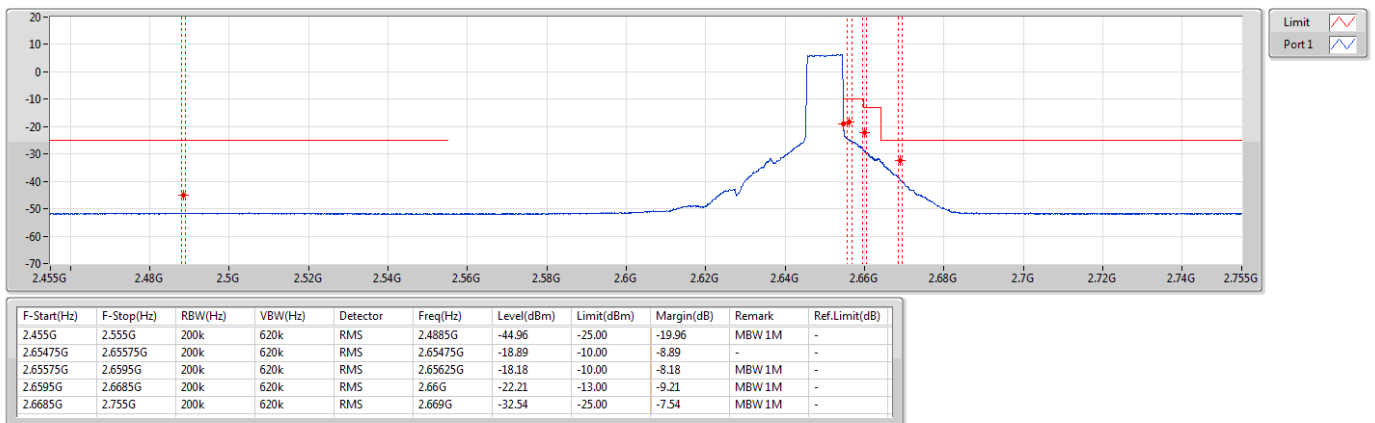
Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX  
2650MHz\_QPSK\_RB 1,#RB 49

CSE-TX-Sum



Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX  
2650MHz\_QPSK\_RB 50,#RB 0

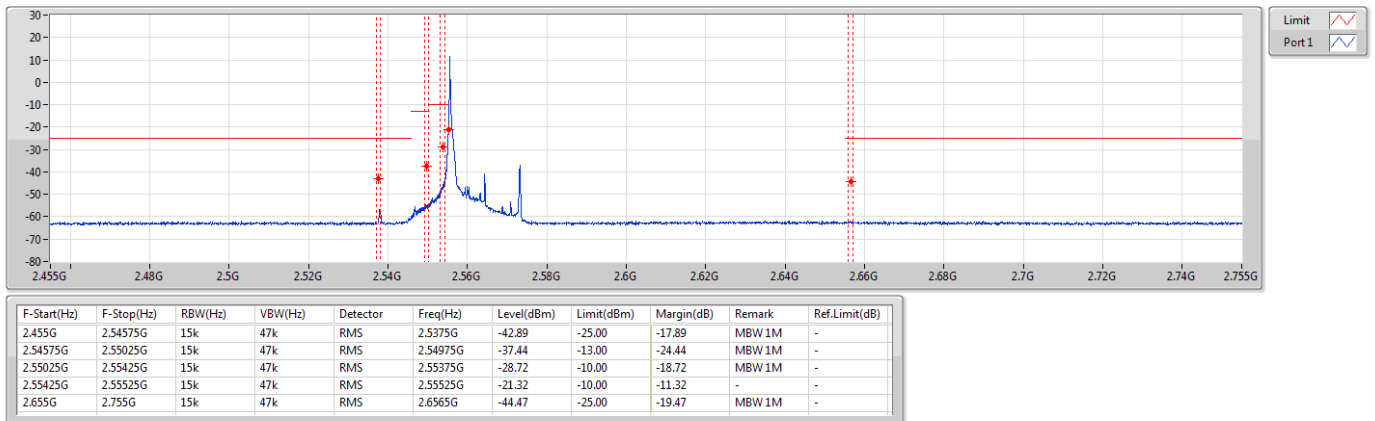
CSE-TX-Sum





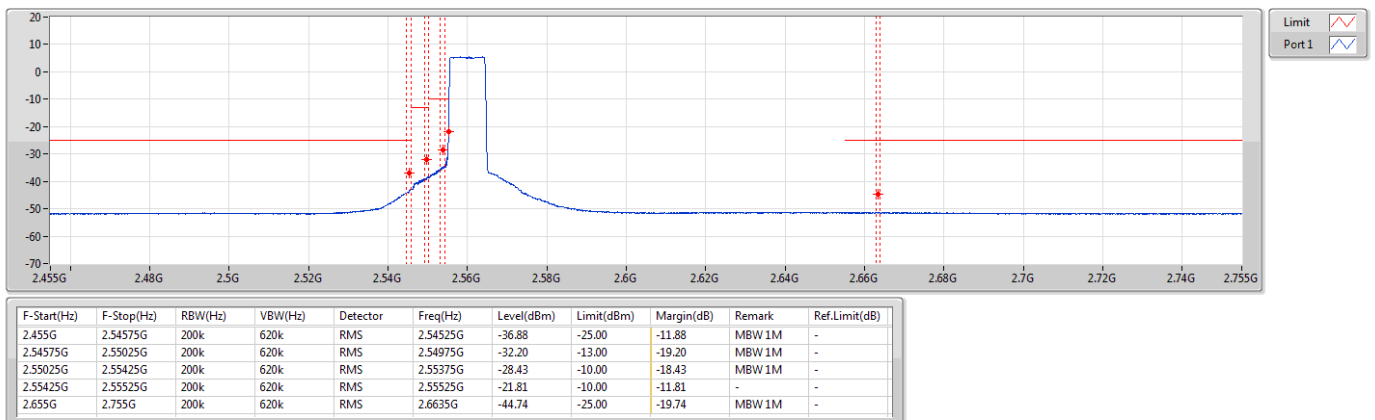
Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX  
2560MHz\_16QAM\_RB 1,#RB 0

CSE-TX-Sum



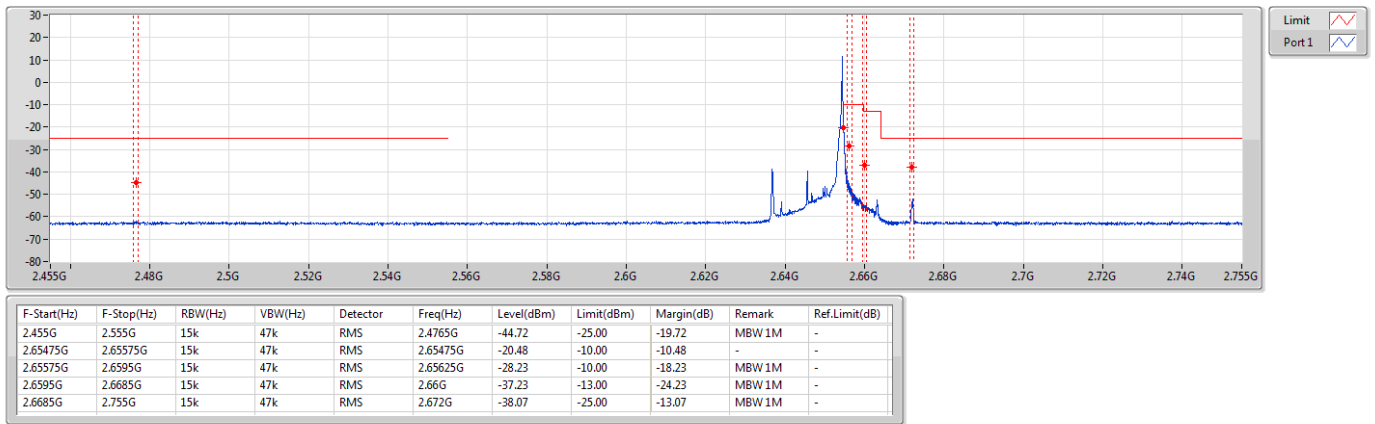
Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX  
2560MHz\_16QAM\_RB 50,#RB 0

CSE-TX-Sum



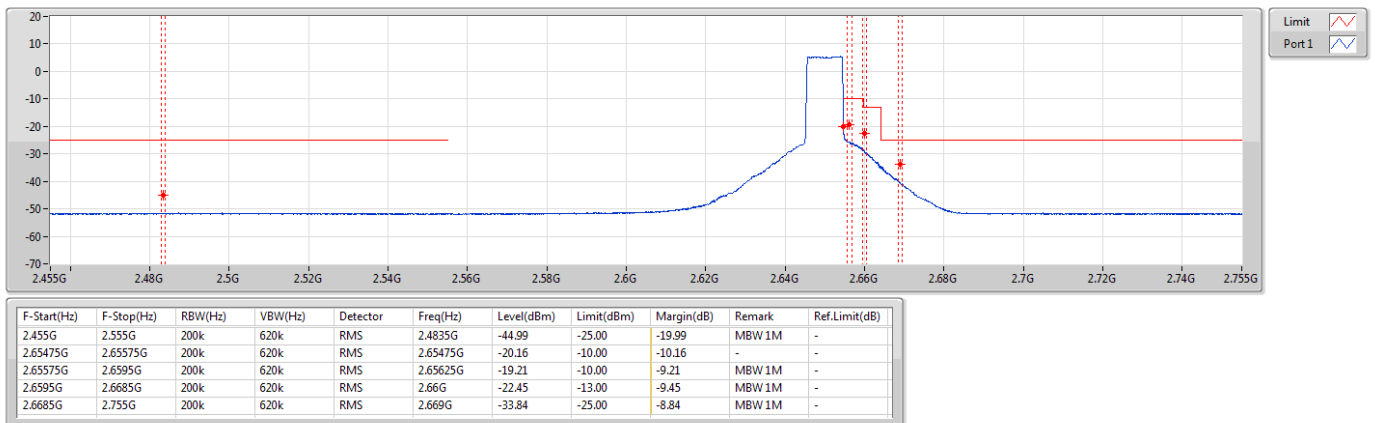
Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX  
2650MHz\_16QAM\_RB 1,#RB 49

CSE-TX-Sum



Band 41\_LTE\_10MHz\_Nss1,16QAMCS\_1TX  
2650MHz\_16QAM\_RB 50,#RB 0

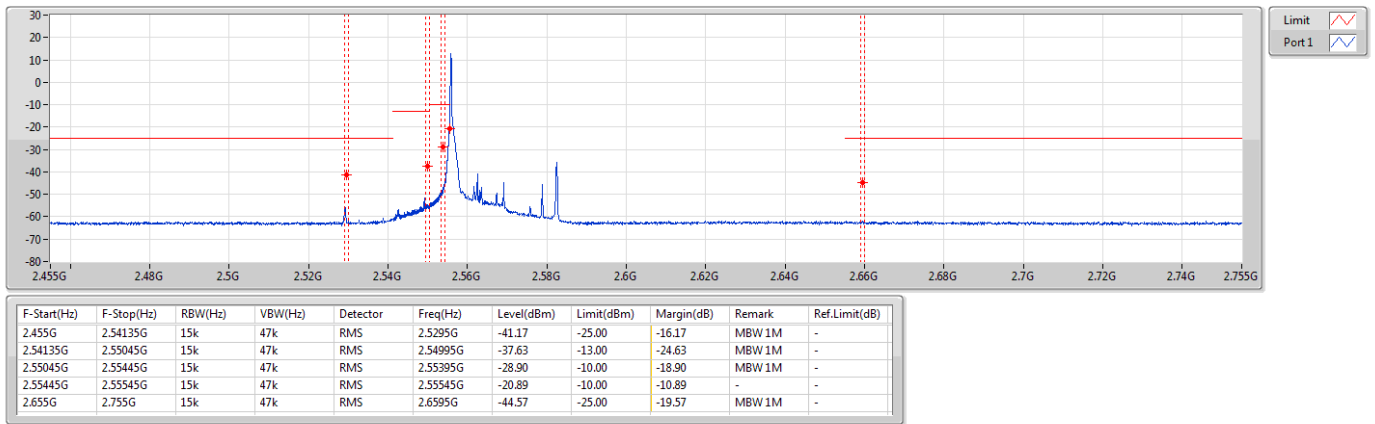
CSE-TX-Sum



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

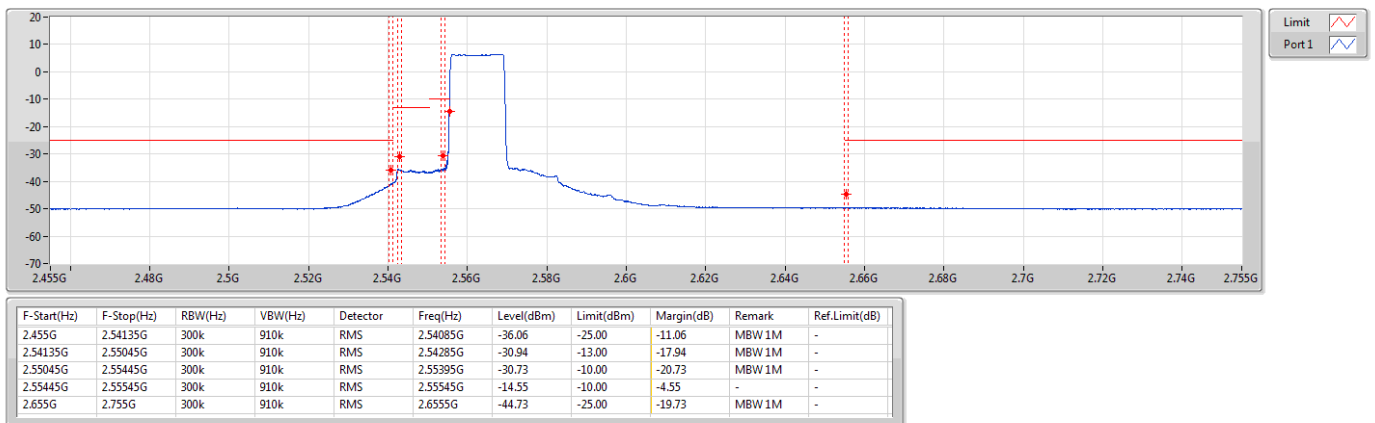
2562.5MHz\_QPSK\_RB 1,#RB 0



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

2562.5MHz\_QPSK\_RB 75,#RB 0

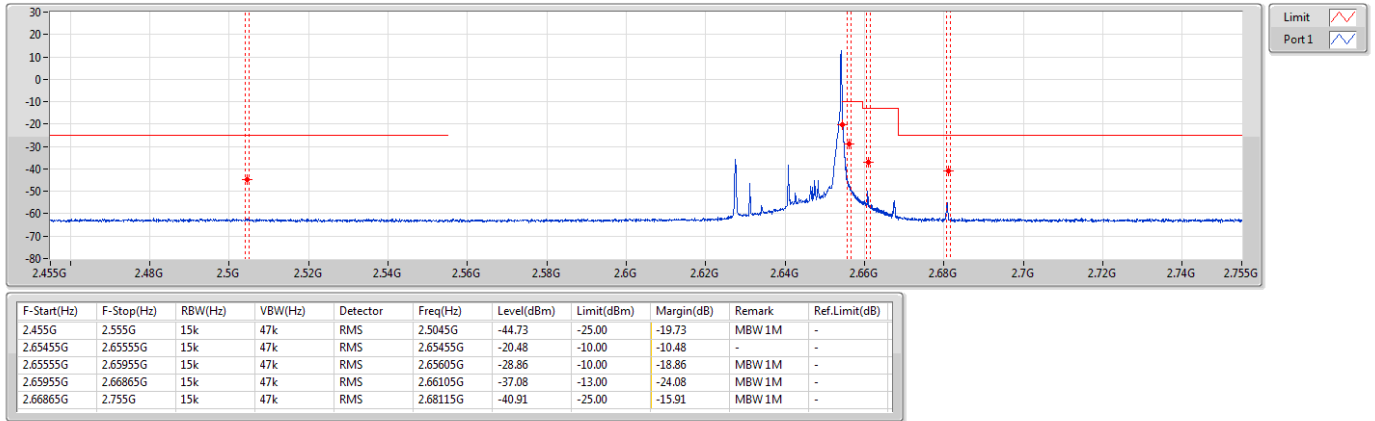




Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

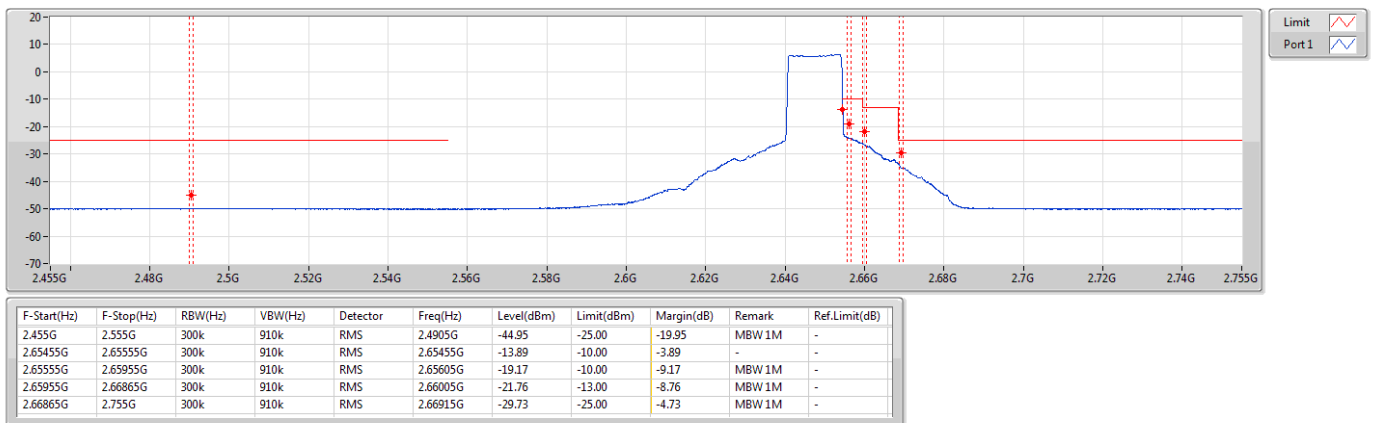
2647.5MHz\_QPSK\_RB 1,#RB 74



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Sum

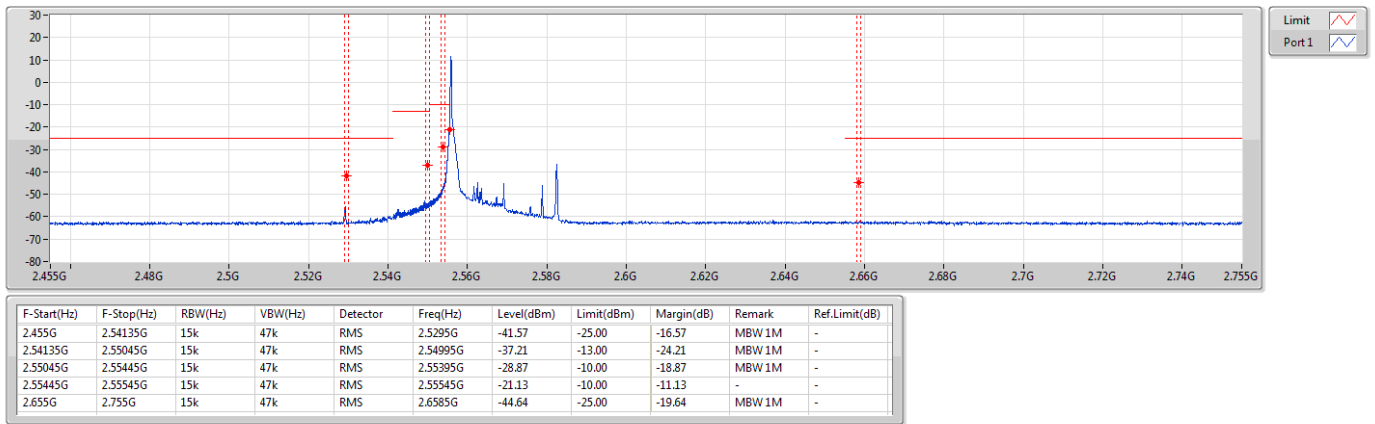
2647.5MHz\_QPSK\_RB 75,#RB 0





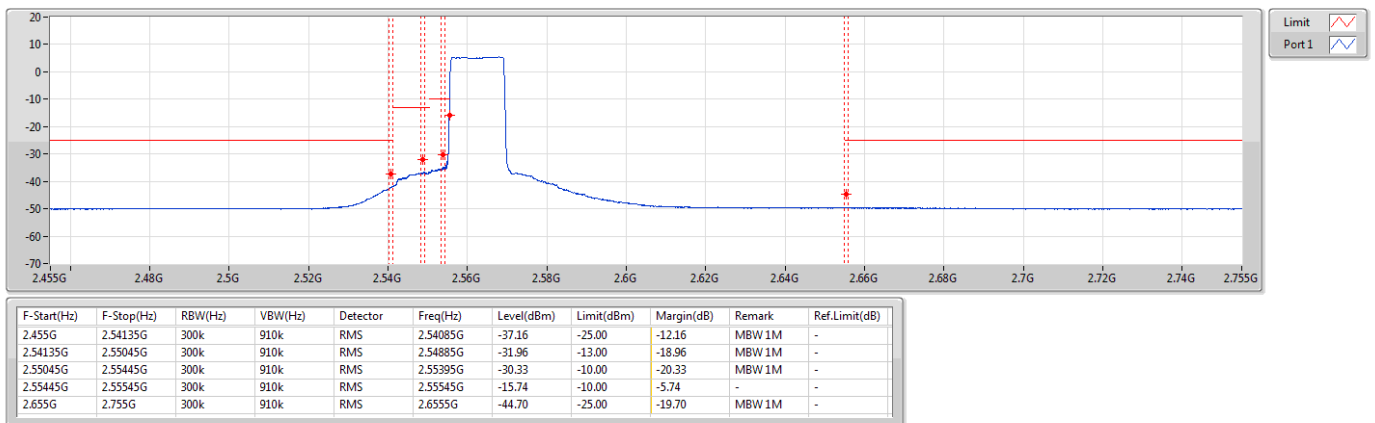
Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX  
2562.5MHz\_16QAM\_RB 1,#RB 0

CSE-TX-Sum



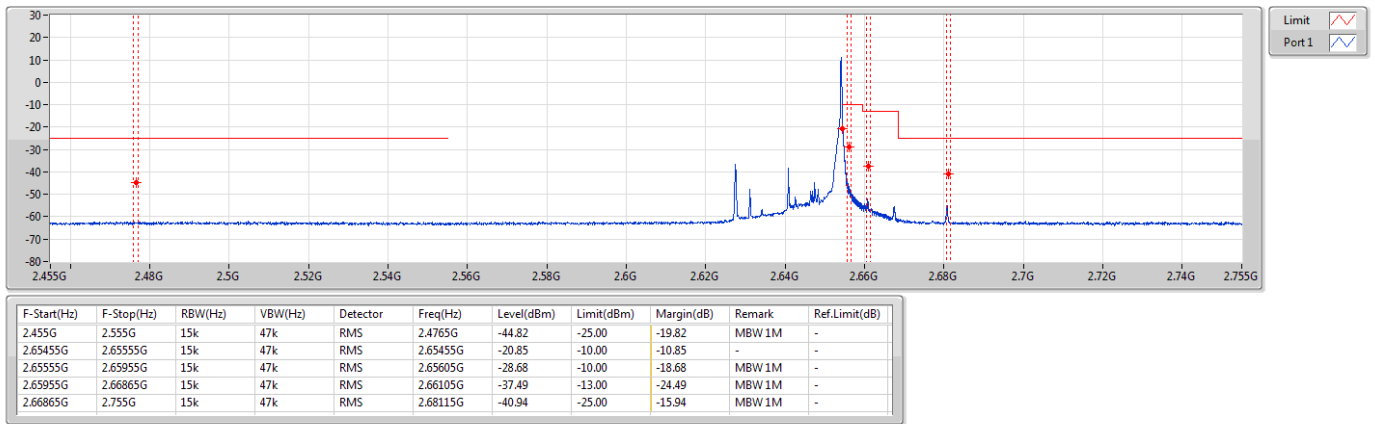
Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX  
2562.5MHz\_16QAM\_RB 75,#RB 0

CSE-TX-Sum



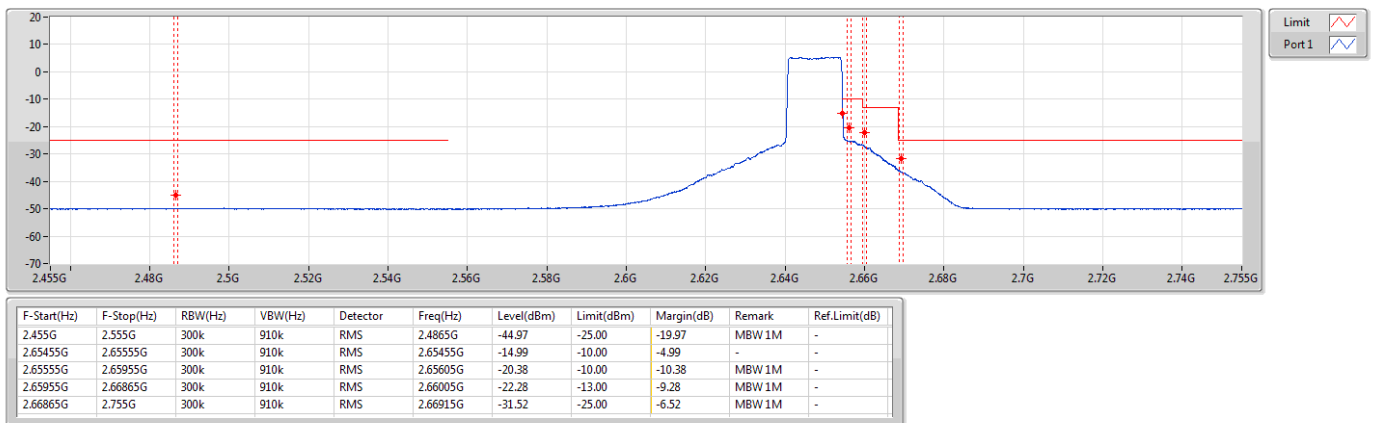
**Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX**  
**2647.5MHz\_16QAM\_RB 1,#RB 74**

CSE-TX-Sum



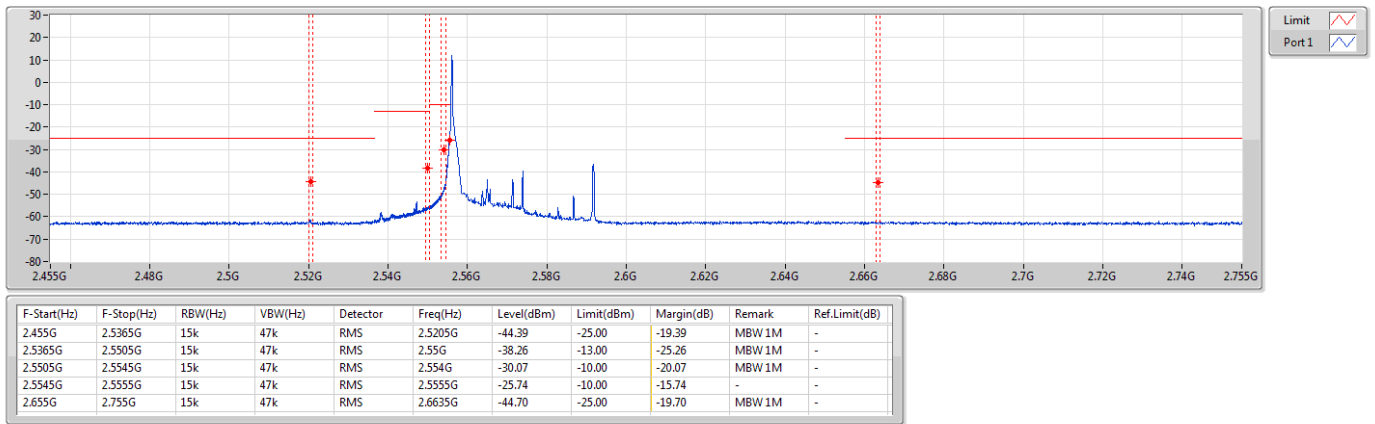
**Band 41\_LTE\_15MHz\_Nss1,16QAMCS\_1TX**  
**2647.5MHz\_16QAM\_RB 75,#RB 0**

CSE-TX-Sum



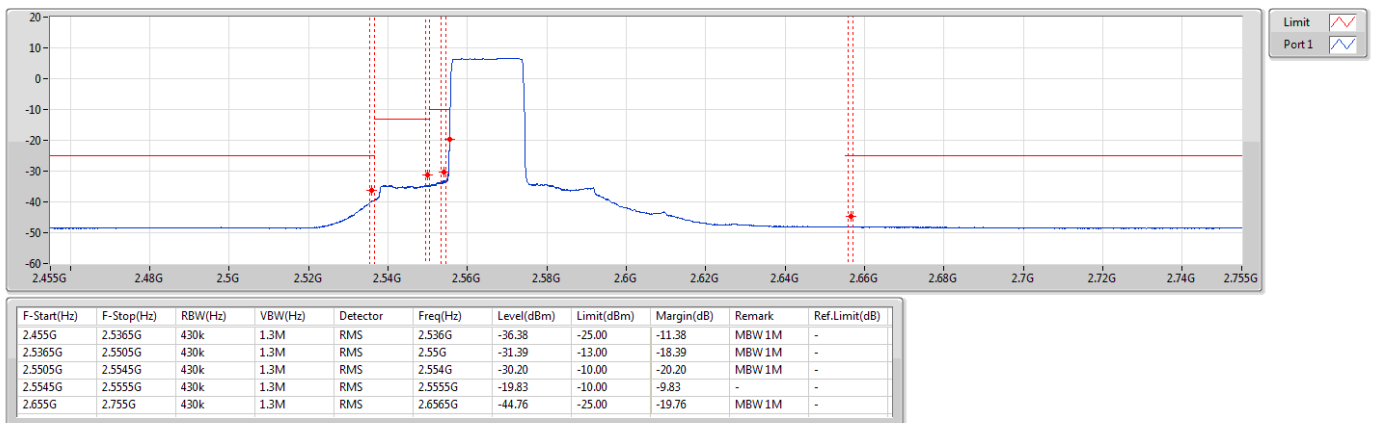
Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX  
2565MHz\_QPSK\_RB 1,#RB 0

CSE-TX-Sum



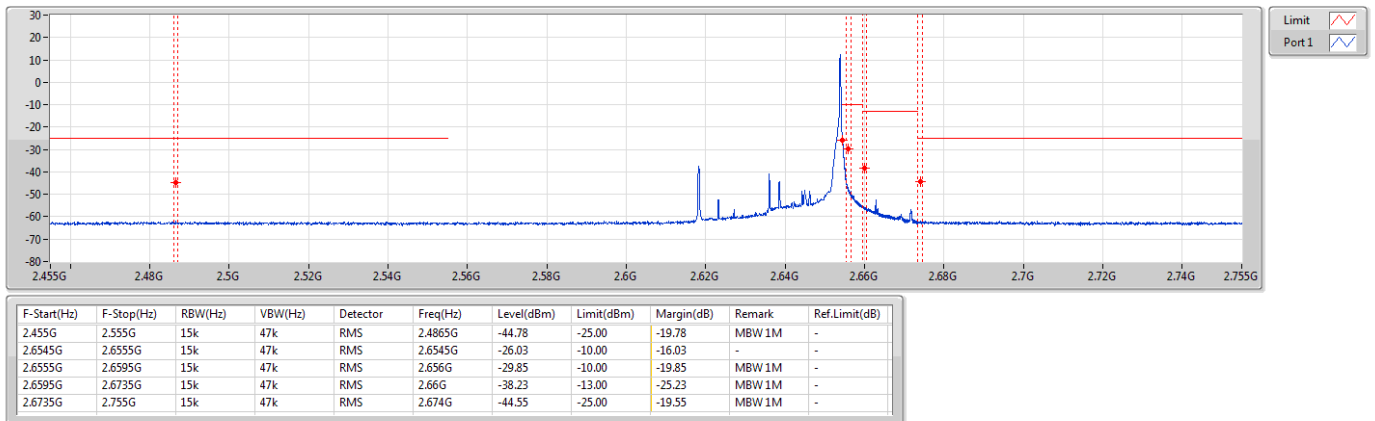
Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX  
2565MHz\_QPSK\_RB 100,#RB 0

CSE-TX-Sum



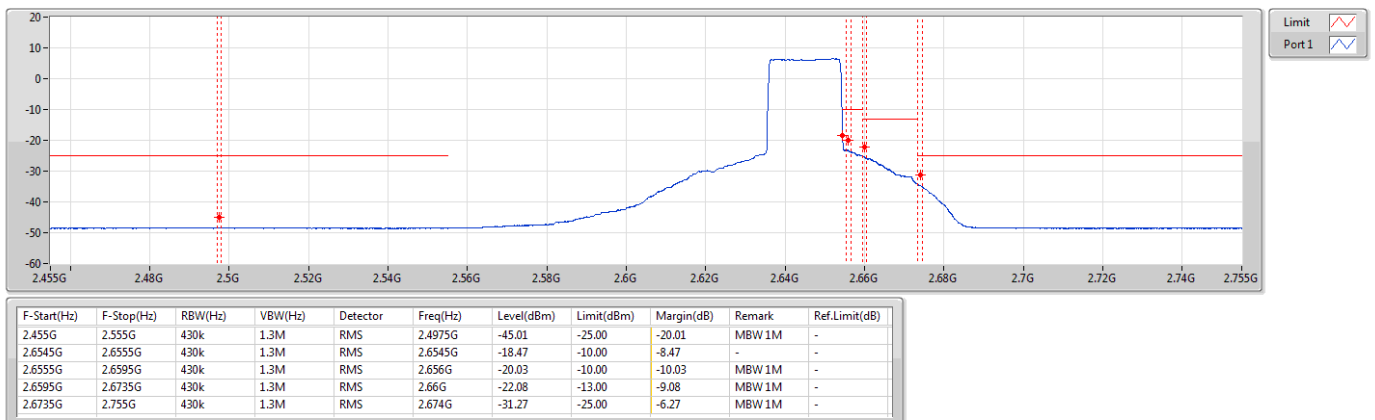
Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX  
2645MHz\_QPSK\_RB 1,#RB 99

CSE-TX-Sum



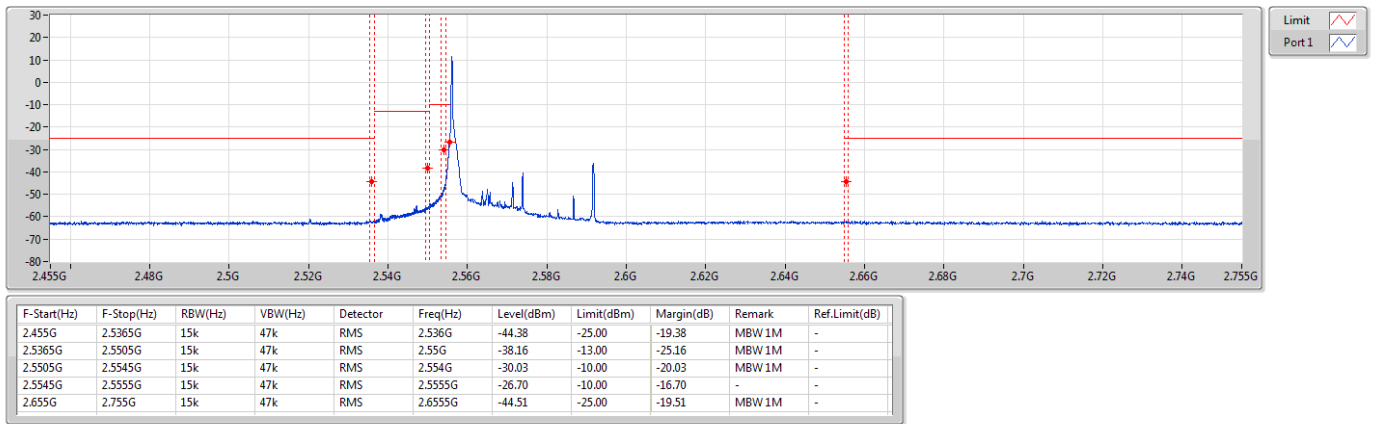
Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX  
2645MHz\_QPSK\_RB 100,#RB 0

CSE-TX-Sum



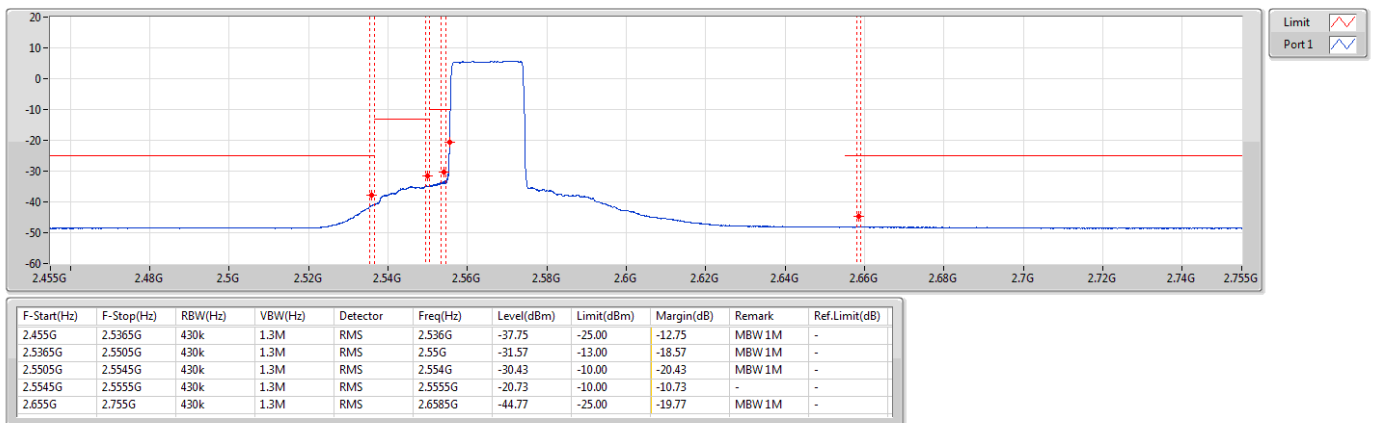
Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX  
2565MHz\_16QAM\_RB 1,#RB 0

CSE-TX-Sum



Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX  
2565MHz\_16QAM\_RB 100,#RB 0

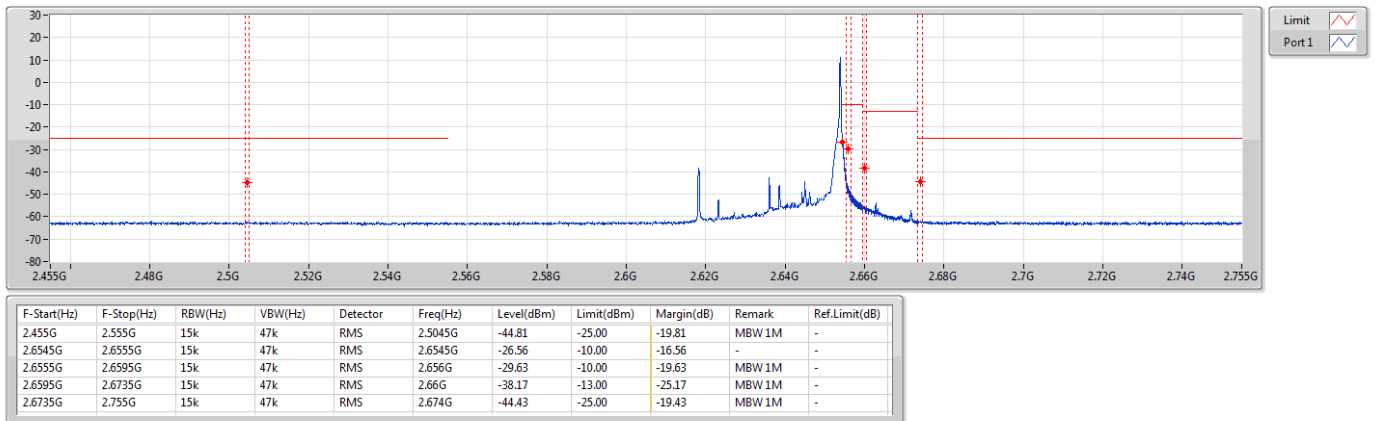
CSE-TX-Sum





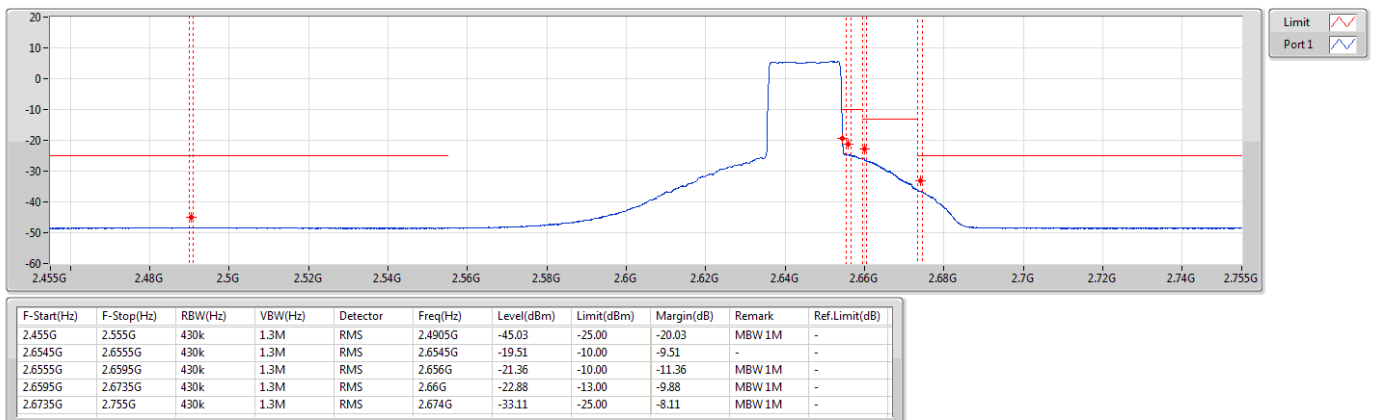
Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX  
2645MHz\_16QAM\_RB 1,#RB 99

CSE-TX-Sum



Band 41\_LTE\_20MHz\_Nss1,16QAMCS\_1TX  
2645MHz\_16QAM\_RB 100,#RB 0

CSE-TX-Sum



## Summary

| Mode                     | Max-NdB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-NdB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 41                  | -               | -               | -        | -               | -               |
| LTE_5MHz_Nss1,QPSK_1TX   | 4.819M          | 4.472M          | 4M47G7D  | 4.788M          | 4.463M          |
| LTE_5MHz_Nss1,16QAM_1TX  | 4.95M           | 4.468M          | 4M47W7D  | 4.844M          | 4.461M          |
| LTE_10MHz_Nss1,QPSK_1TX  | 9.738M          | 8.939M          | 8M94G7D  | 9.663M          | 8.922M          |
| LTE_10MHz_Nss1,16QAM_1TX | 9.913M          | 8.931M          | 8M93W7D  | 9.788M          | 8.926M          |
| LTE_15MHz_Nss1,QPSK_1TX  | 14.719M         | 13.411M         | 13M4G7D  | 14.138M         | 13.379M         |
| LTE_15MHz_Nss1,16QAM_1TX | 14.456M         | 13.407M         | 13M4W7D  | 14.4M           | 13.389M         |
| LTE_20MHz_Nss1,QPSK_1TX  | 20M             | 17.863M         | 17M9G7D  | 19.1M           | 17.837M         |
| LTE_20MHz_Nss1,16QAM_1TX | 19.1M           | 17.872M         | 17M9W7D  | 19M             | 17.819M         |

**Max-N dB** = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;  
**Min-N dB** = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

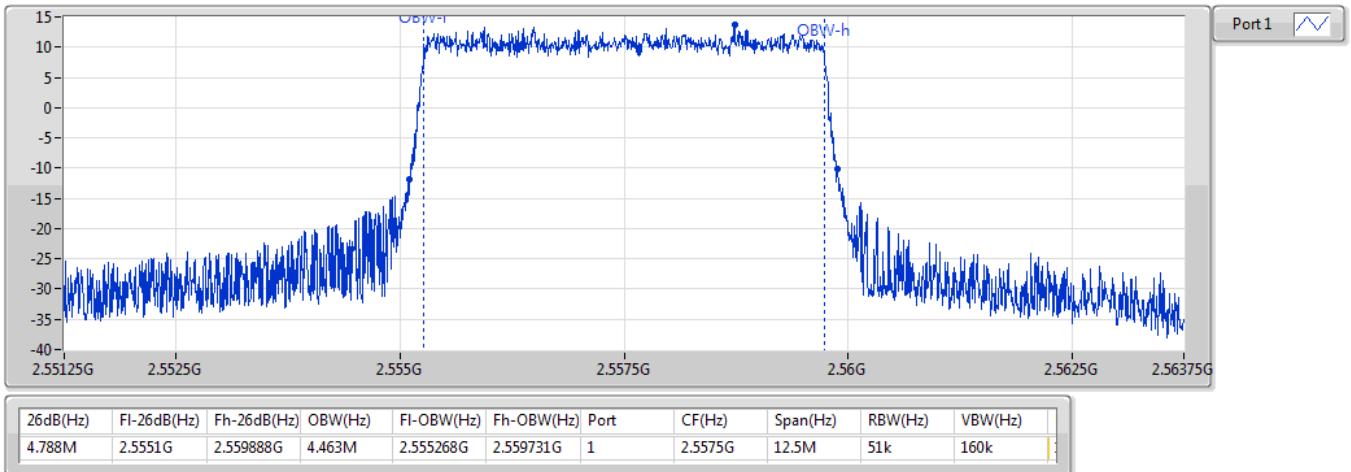
## Result

| Mode                        | Result | Limit<br>(Hz) | Port 1-NdB<br>(Hz) | Port 1-OBW<br>(Hz) |
|-----------------------------|--------|---------------|--------------------|--------------------|
| Band 41_LTE_5MHz_Nss1_1TX   | -      | -             | -                  | -                  |
| 2557.5MHz_QPSK_RB 25,#RB 0  | Pass   | Inf           | 4.788M             | 4.463M             |
| 2605MHz_QPSK_RB 25,#RB 0    | Pass   | Inf           | 4.819M             | 4.472M             |
| 2652.5MHz_QPSK_RB 25,#RB 0  | Pass   | Inf           | 4.813M             | 4.463M             |
| 2557.5MHz_16QAM_RB 25,#RB 0 | Pass   | Inf           | 4.95M              | 4.461M             |
| 2605MHz_16QAM_RB 25,#RB 0   | Pass   | Inf           | 4.925M             | 4.466M             |
| 2652.5MHz_16QAM_RB 25,#RB 0 | Pass   | Inf           | 4.844M             | 4.468M             |
| Band 41_LTE_10MHz_Nss1_1TX  | -      | -             | -                  | -                  |
| 2560MHz_QPSK_RB 50,#RB 0    | Pass   | Inf           | 9.663M             | 8.922M             |
| 2605MHz_QPSK_RB 50,#RB 0    | Pass   | Inf           | 9.738M             | 8.927M             |
| 2650MHz_QPSK_RB 50,#RB 0    | Pass   | Inf           | 9.738M             | 8.939M             |
| 2560MHz_16QAM_RB 50,#RB 0   | Pass   | Inf           | 9.788M             | 8.926M             |
| 2605MHz_16QAM_RB 50,#RB 0   | Pass   | Inf           | 9.913M             | 8.927M             |
| 2650MHz_16QAM_RB 50,#RB 0   | Pass   | Inf           | 9.8M               | 8.931M             |
| Band 41_LTE_15MHz_Nss1_1TX  | -      | -             | -                  | -                  |
| 2562.5MHz_QPSK_RB 75,#RB 0  | Pass   | Inf           | 14.194M            | 13.397M            |
| 2605MHz_QPSK_RB 75,#RB 0    | Pass   | Inf           | 14.138M            | 13.379M            |
| 2647.5MHz_QPSK_RB 75,#RB 0  | Pass   | Inf           | 14.719M            | 13.411M            |
| 2562.5MHz_16QAM_RB 75,#RB 0 | Pass   | Inf           | 14.4M              | 13.389M            |
| 2605MHz_16QAM_RB 75,#RB 0   | Pass   | Inf           | 14.438M            | 13.397M            |
| 2647.5MHz_16QAM_RB 75,#RB 0 | Pass   | Inf           | 14.456M            | 13.407M            |
| Band 41_LTE_20MHz_Nss1_1TX  | -      | -             | -                  | -                  |
| 2565MHz_QPSK_RB 100,#RB 0   | Pass   | Inf           | 19.1M              | 17.837M            |
| 2605MHz_QPSK_RB 100,#RB 0   | Pass   | Inf           | 19.375M            | 17.843M            |
| 2645MHz_QPSK_RB 100,#RB 0   | Pass   | Inf           | 20M                | 17.863M            |
| 2565MHz_16QAM_RB 100,#RB 0  | Pass   | Inf           | 19M                | 17.819M            |
| 2605MHz_16QAM_RB 100,#RB 0  | Pass   | Inf           | 19.1M              | 17.844M            |
| 2645MHz_16QAM_RB 100,#RB 0  | Pass   | Inf           | 19.1M              | 17.872M            |

Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

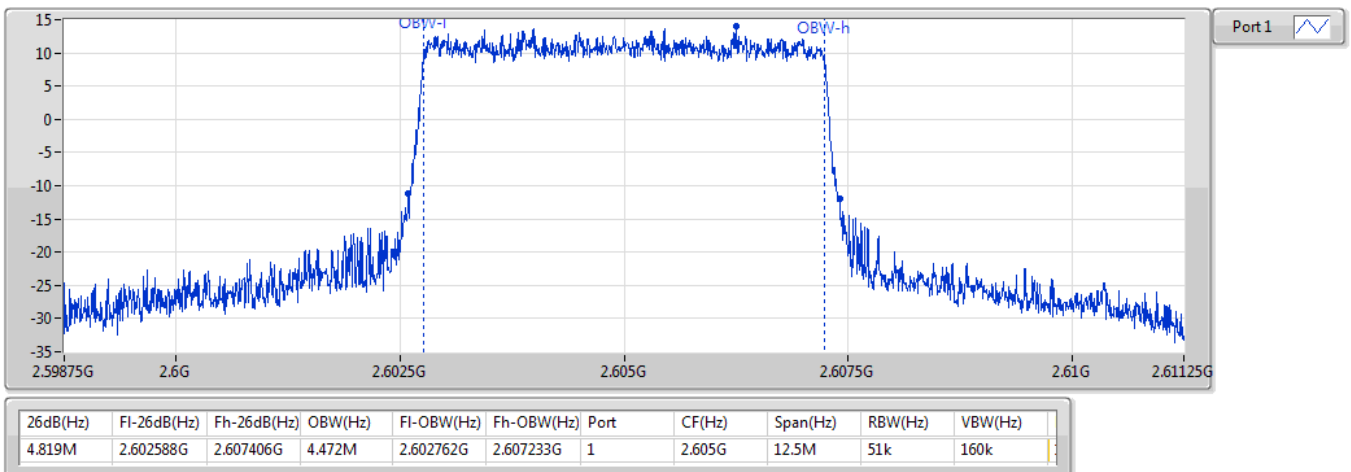
**Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**2557.5MHz\_QPSK\_RB 25,#RB 0**

EBW



**Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX**  
**2605MHz\_QPSK\_RB 25,#RB 0**

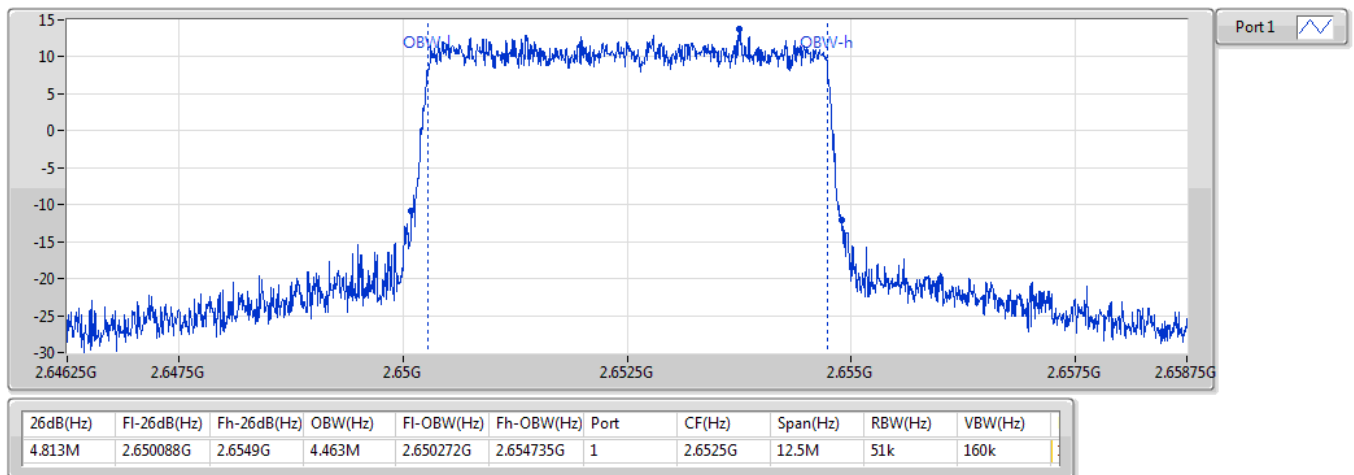
EBW



**Band 41\_LTE\_5MHz\_Nss1,QPSK\_1TX**

EBW

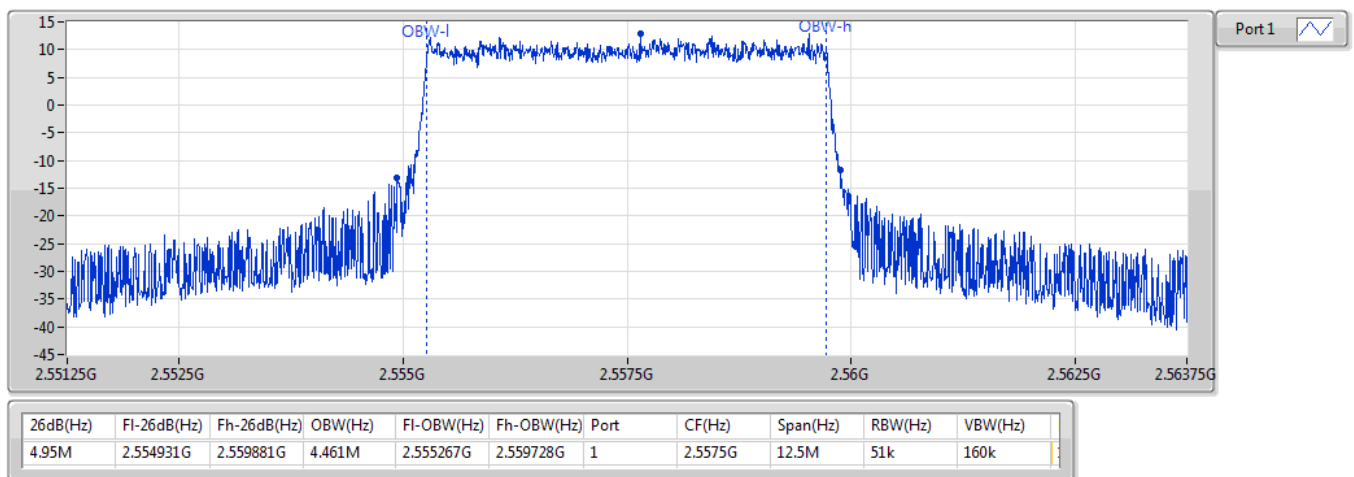
**2652.5MHz\_QPSK\_RB 25,#RB 0**



**Band 41\_LTE\_5MHz\_Nss1,16QAM\_1TX**

EBW

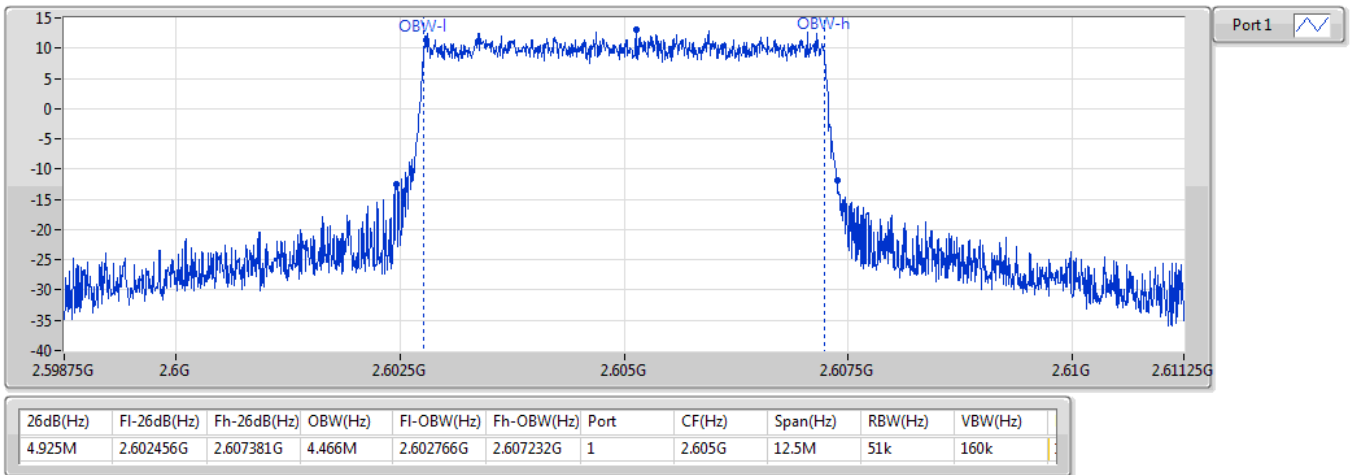
**2557.5MHz\_16QAM\_RB 25,#RB 0**



Band 41\_LTE\_5MHz\_Nss1,16QAM\_1TX

EBW

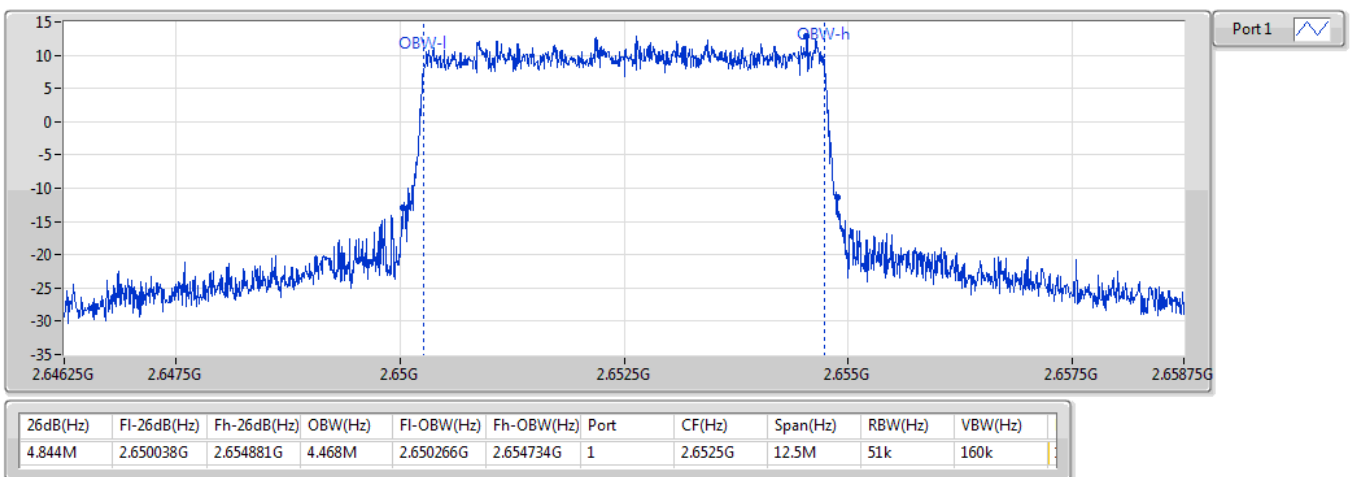
2605MHz\_16QAM\_RB 25,#RB 0



Band 41\_LTE\_5MHz\_Nss1,16QAM\_1TX

EBW

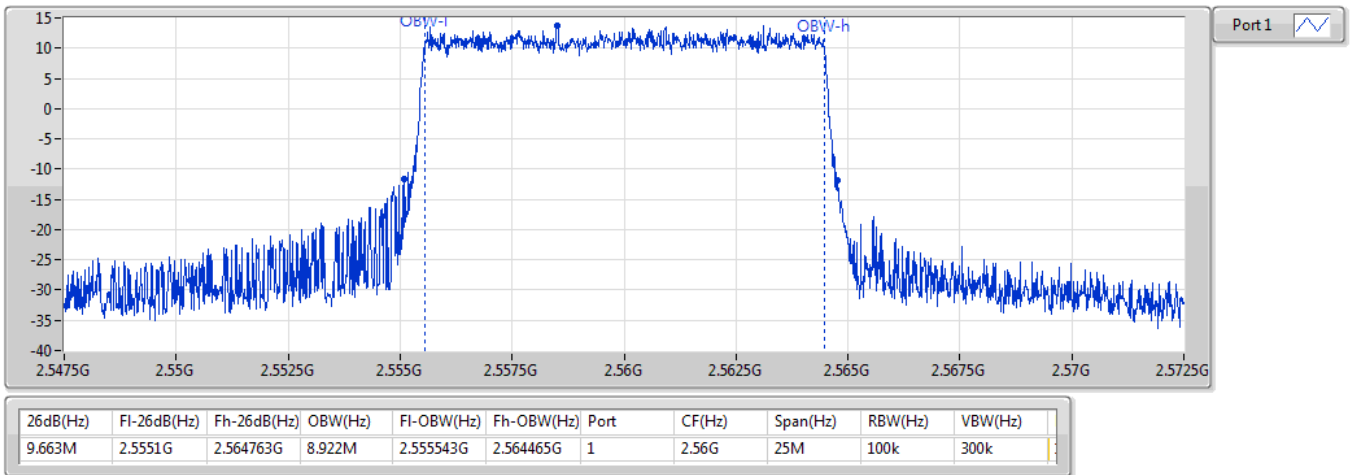
2652.5MHz\_16QAM\_RB 25,#RB 0



Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX

EBW

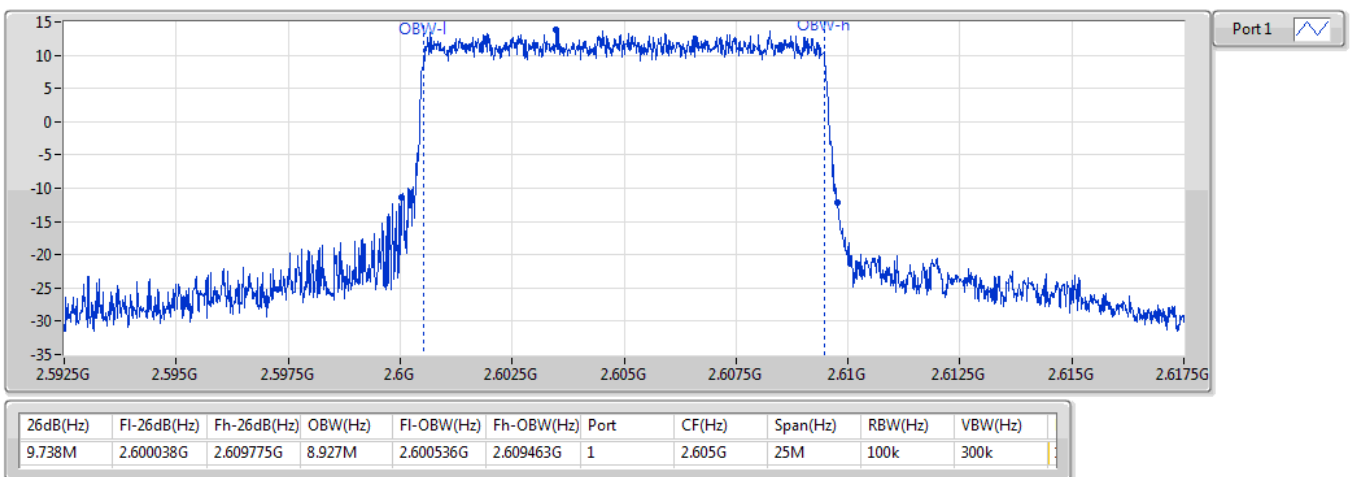
2560MHz\_QPSK\_RB 50,#RB 0



Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX

EBW

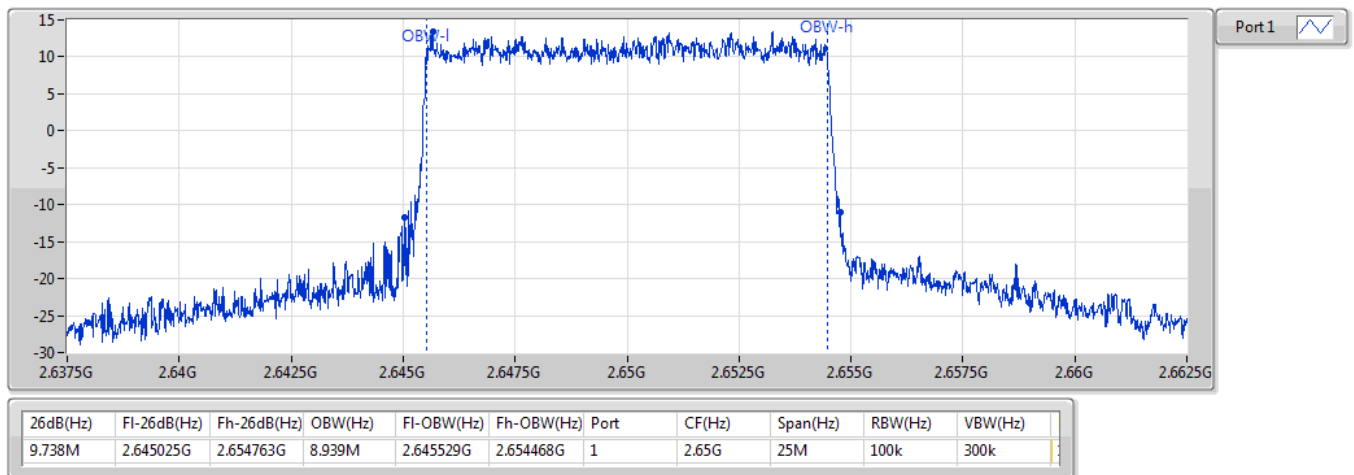
2605MHz\_QPSK\_RB 50,#RB 0



**Band 41\_LTE\_10MHz\_Nss1,QPSK\_1TX**

EBW

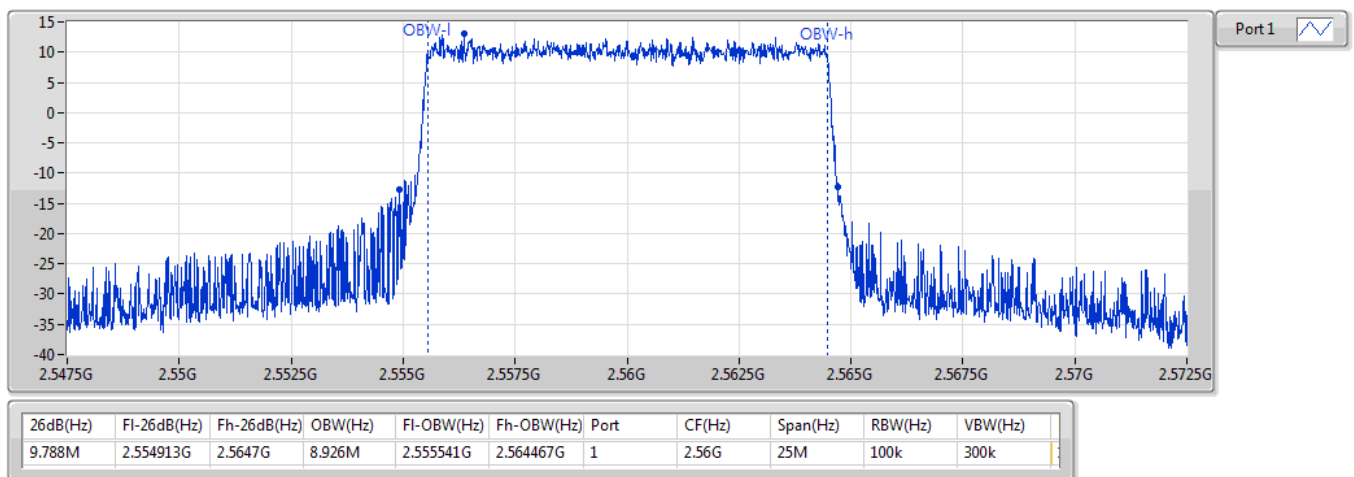
**2650MHz\_QPSK\_RB 50,#RB 0**



**Band 41\_LTE\_10MHz\_Nss1,16QAM\_1TX**

EBW

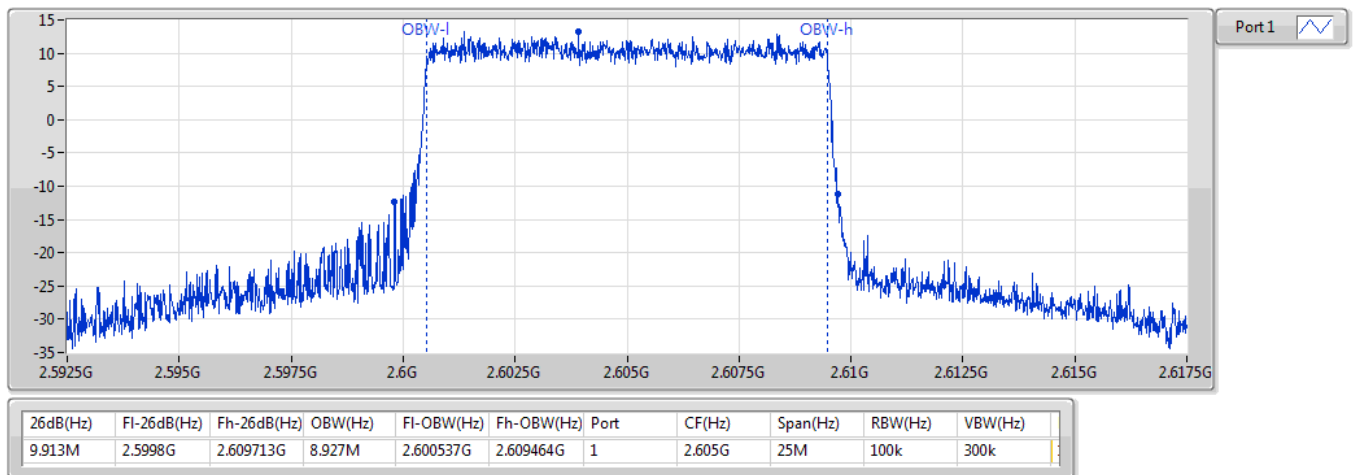
**2560MHz\_16QAM\_RB 50,#RB 0**



Band 41\_LTE\_10MHz\_Nss1,16QAM\_1TX

EBW

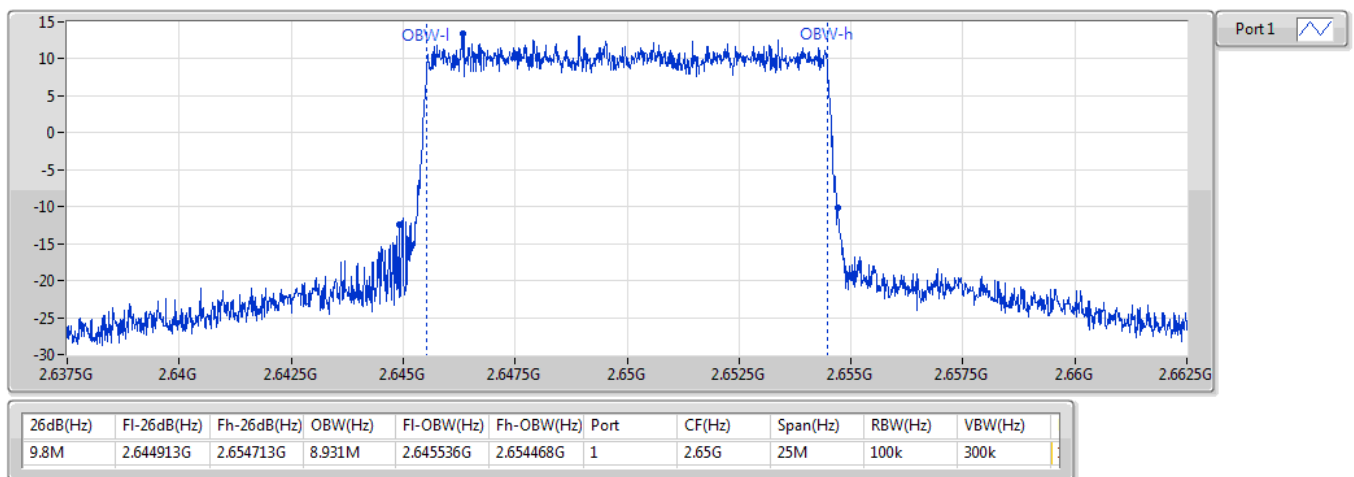
2605MHz\_16QAM\_RB 50,#RB 0



Band 41\_LTE\_10MHz\_Nss1,16QAM\_1TX

EBW

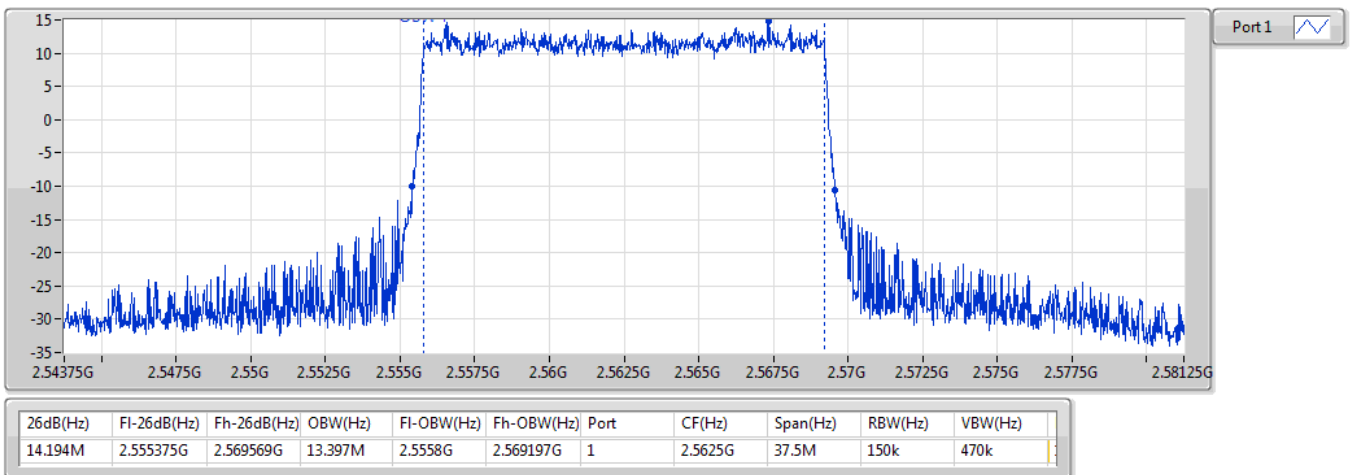
2650MHz\_16QAM\_RB 50,#RB 0



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

EBW

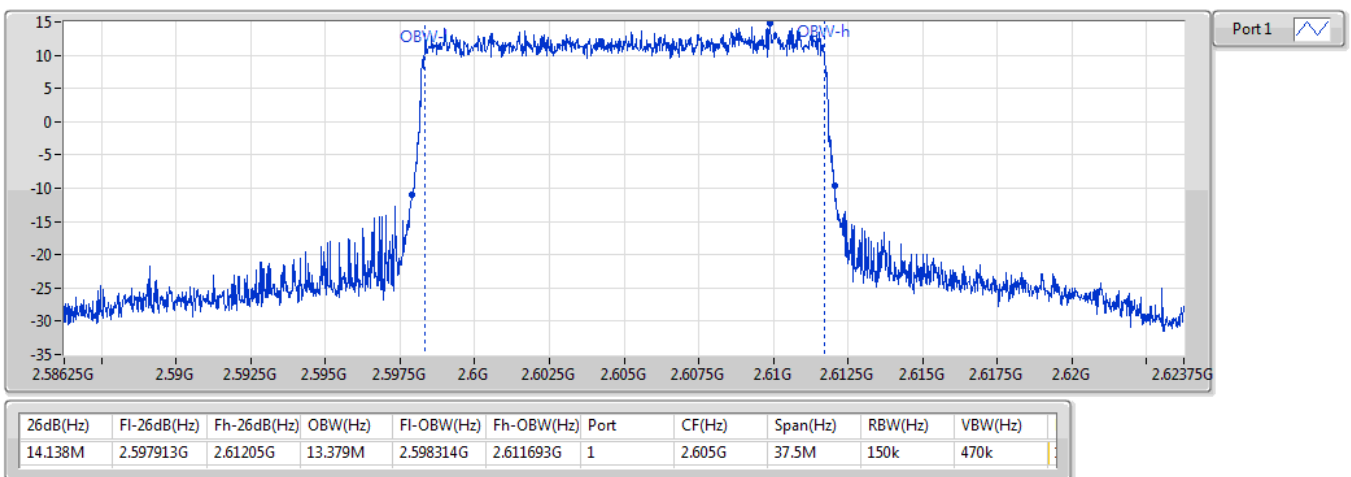
2562.5MHz\_QPSK\_RB 75,#RB 0



Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX

EBW

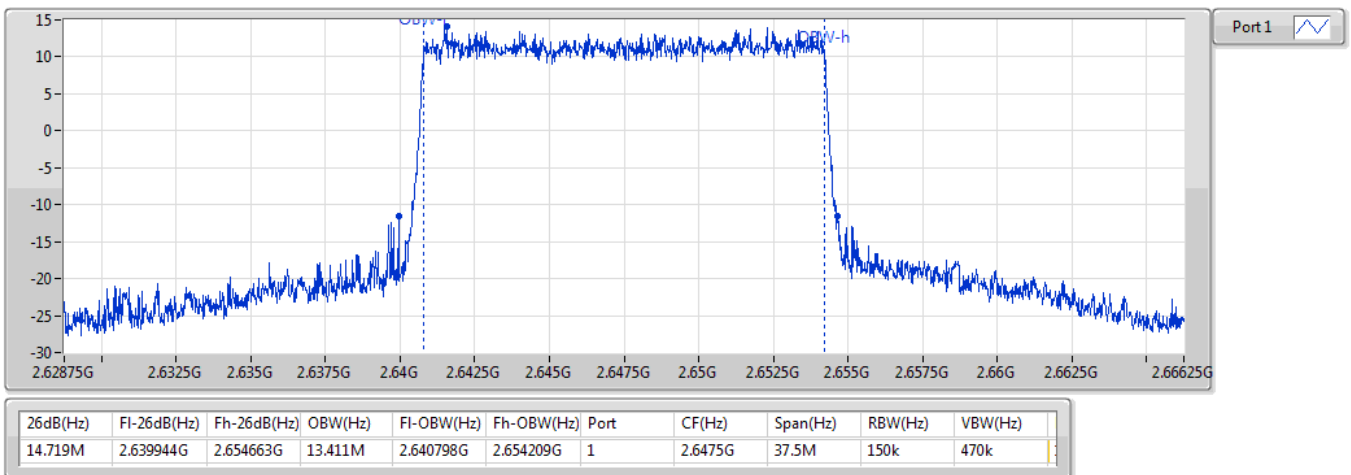
2605MHz\_QPSK\_RB 75,#RB 0



**Band 41\_LTE\_15MHz\_Nss1,QPSK\_1TX**

EBW

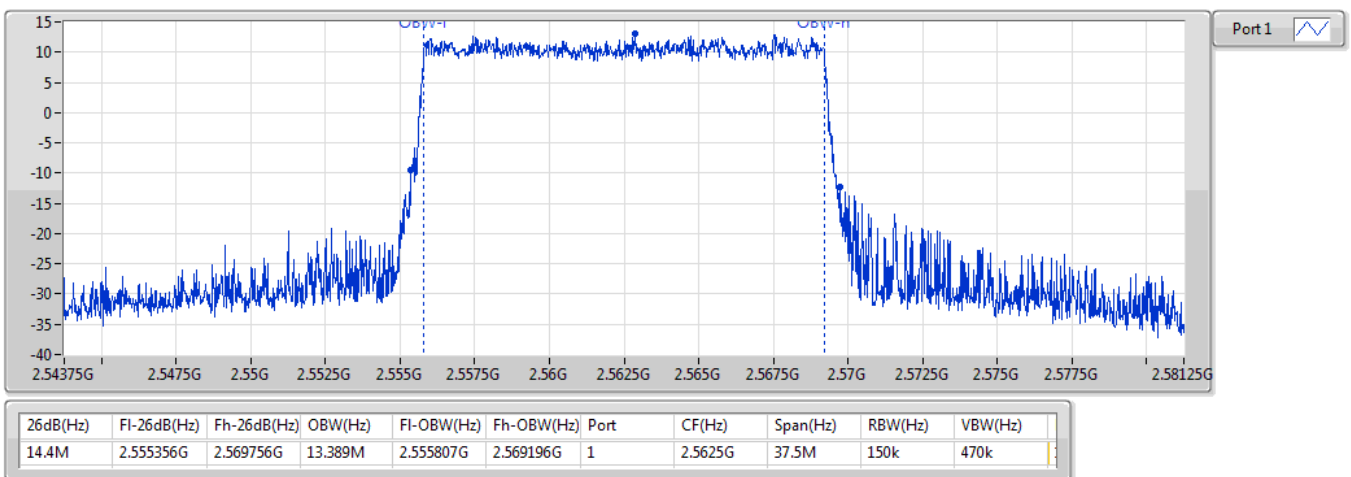
**2647.5MHz\_QPSK\_RB 75,#RB 0**



**Band 41\_LTE\_15MHz\_Nss1,16QAM\_1TX**

EBW

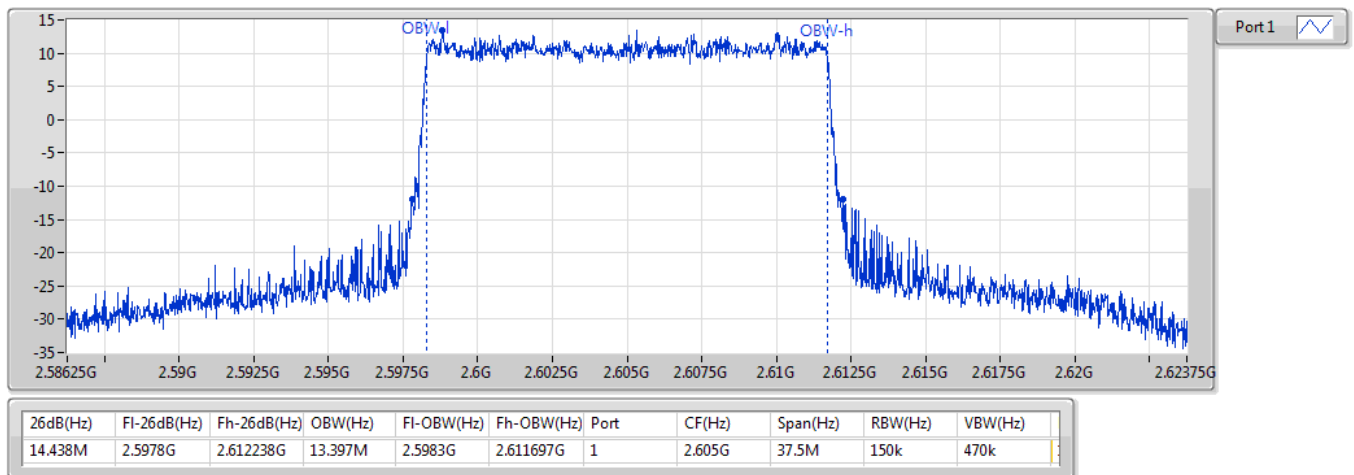
**2562.5MHz\_16QAM\_RB 75,#RB 0**



**Band 41\_LTE\_15MHz\_Nss1,16QAM\_1TX**

EBW

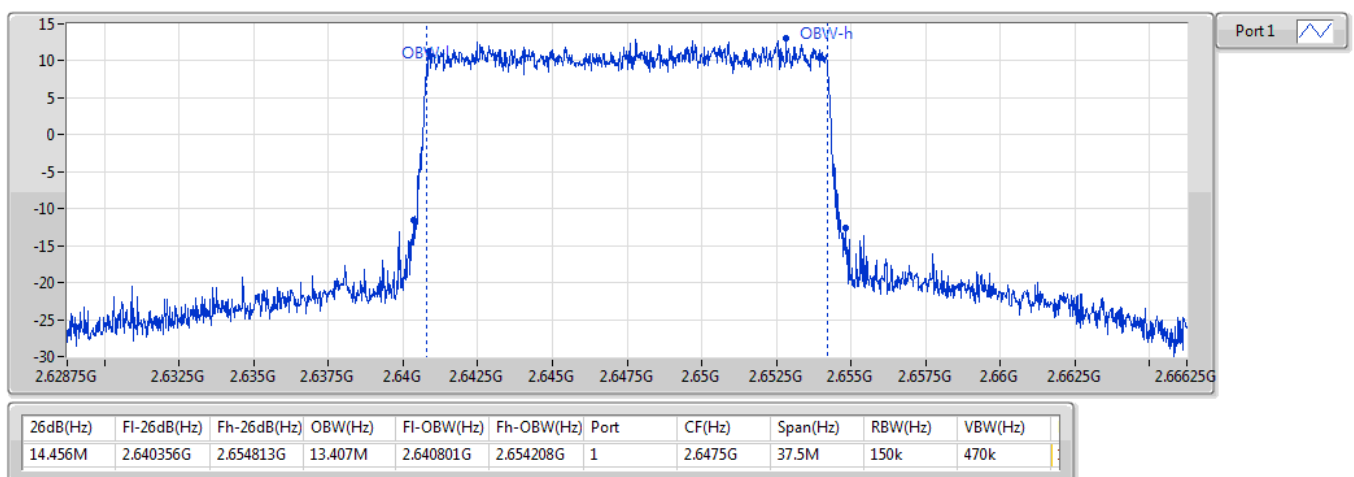
**2605MHz\_16QAM\_RB 75,#RB 0**



**Band 41\_LTE\_15MHz\_Nss1,16QAM\_1TX**

EBW

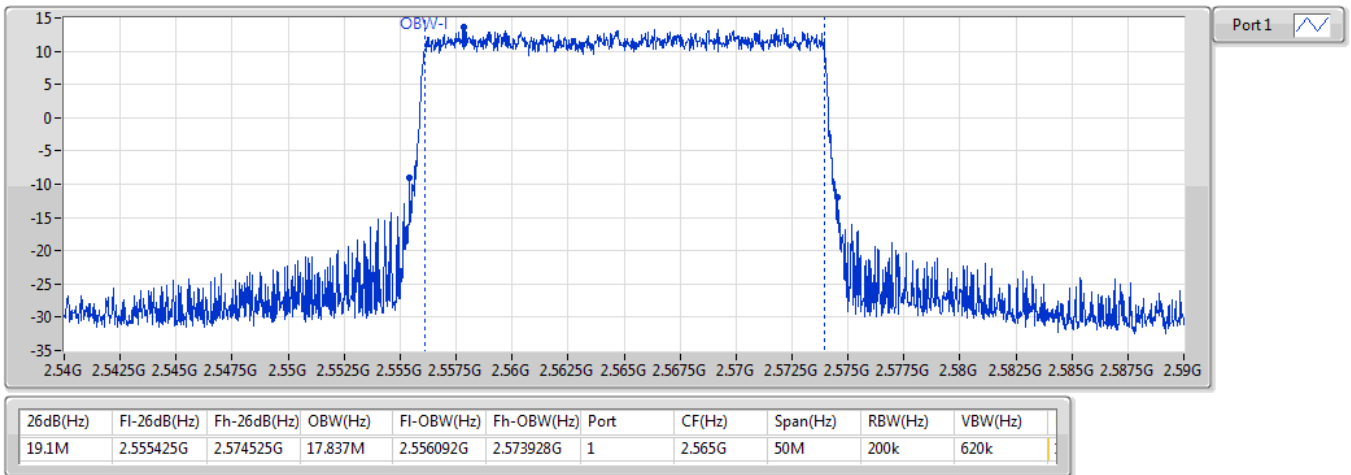
**2647.5MHz\_16QAM\_RB 75,#RB 0**



Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX

EBW

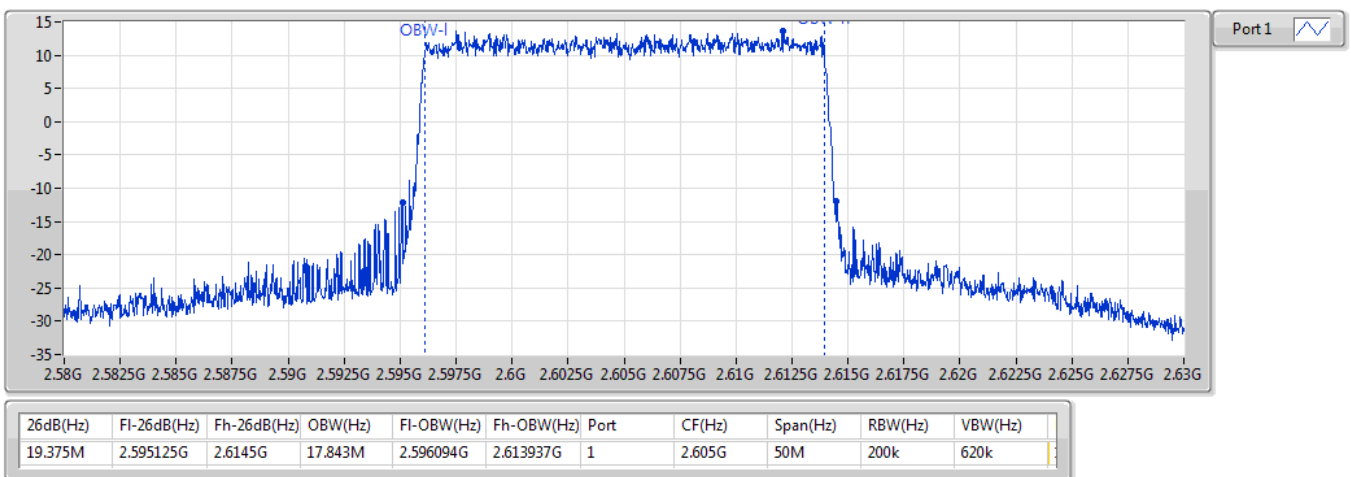
2565MHz\_QPSK\_RB 100,#RB 0



Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX

EBW

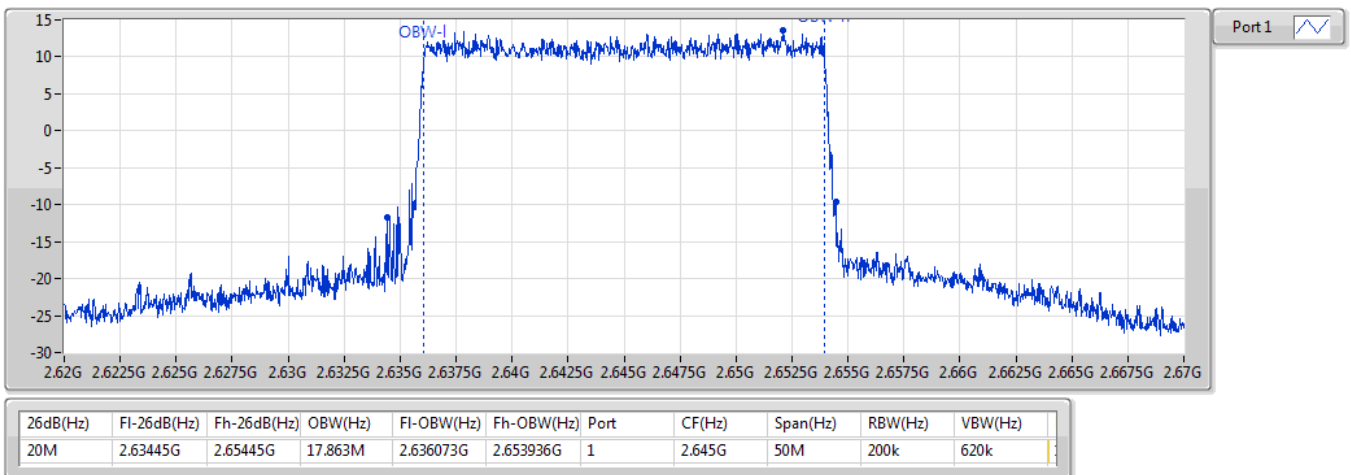
2605MHz\_QPSK\_RB 100,#RB 0



**Band 41\_LTE\_20MHz\_Nss1,QPSK\_1TX**

EBW

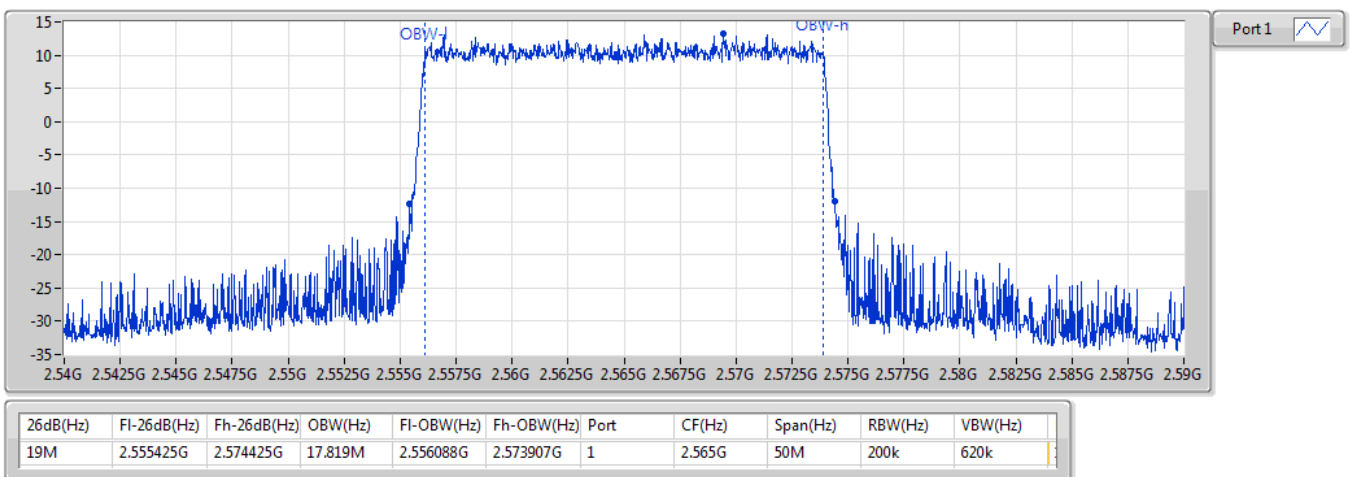
**2645MHz\_QPSK\_RB 100,#RB 0**



**Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX**

EBW

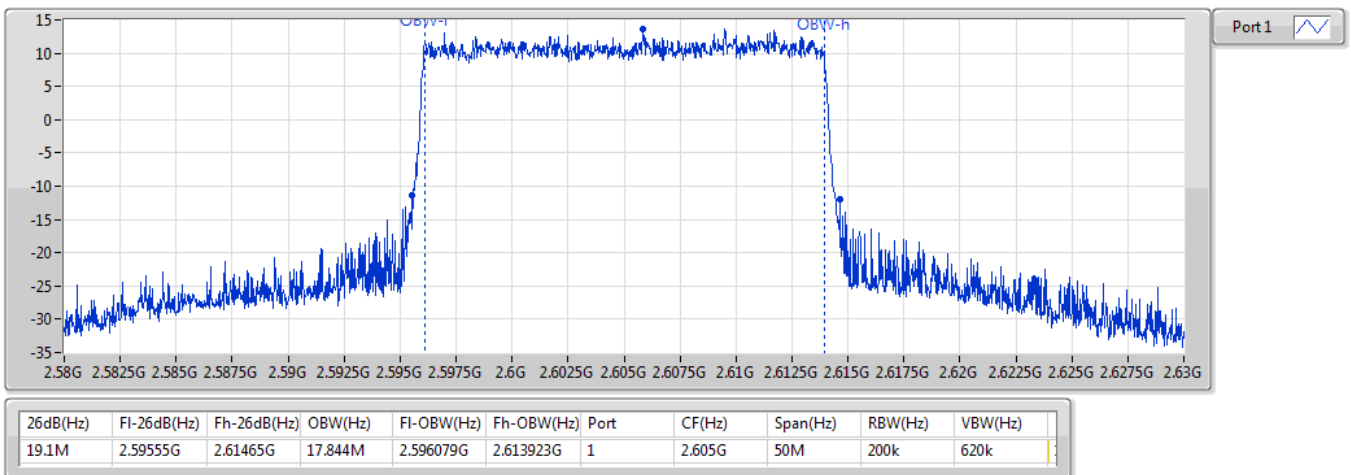
**2565MHz\_16QAM\_RB 100,#RB 0**



Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX

EBW

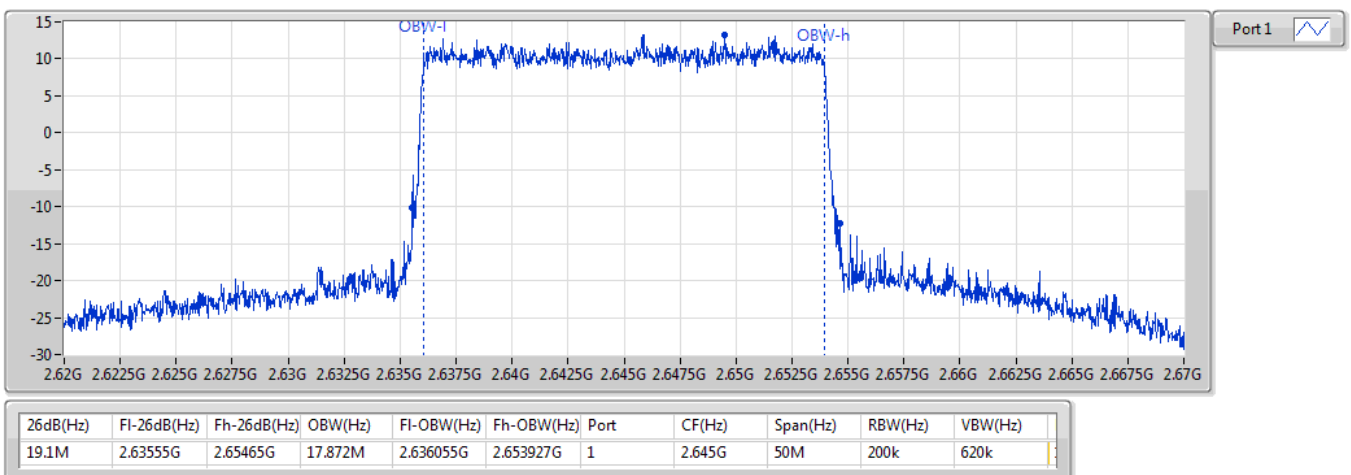
2605MHz\_16QAM\_RB 100,#RB 0



Band 41\_LTE\_20MHz\_Nss1,16QAM\_1TX

EBW

2645MHz\_16QAM\_RB 100,#RB 0



| Band 41_LTE_5MHz_Nss1_1TX |                       |             |                       |             |
|---------------------------|-----------------------|-------------|-----------------------|-------------|
| Temperature (°C)          | 2557.5MHz             |             | 2652.5MHz             |             |
|                           | Frequency Drift (ppm) | FL (MHz)    | Frequency Drift (ppm) | FH (MHz)    |
| T20°CVmax                 | -0.008                | 2555.266980 | -0.008                | 2654.734979 |
| T20°CVmin                 | -0.008                | 2555.266980 | -0.007                | 2654.734981 |
| T50°CVnom                 | -0.009                | 2555.266978 | -0.008                | 2654.734978 |
| T40°CVnom                 | -0.009                | 2555.266977 | -0.009                | 2654.734977 |
| T30°CVnom                 | -0.008                | 2555.266979 | -0.008                | 2654.734979 |
| T20°CVnom                 | -0.008                | 2555.266980 | -0.008                | 2654.734980 |
| T10°CVnom                 | -0.006                | 2555.266984 | -0.006                | 2654.734983 |
| T0°CVnom                  | -0.007                | 2555.266982 | -0.007                | 2654.734982 |
| T-10°CVnom                | -0.006                | 2555.266985 | -0.006                | 2654.734984 |
| T-20°CVnom                | -0.005                | 2555.266986 | -0.005                | 2654.734987 |
| T-30°CVnom                | -0.005                | 2555.266988 | -0.004                | 2654.734989 |
| Limit                     |                       | >2555MHz    |                       | <2655MHz    |

| Band 41_LTE_10MHz_Nss1_1TX |                       |             |                       |             |
|----------------------------|-----------------------|-------------|-----------------------|-------------|
| Temperature (°C)           | 2560MHz               |             | 2650MHz               |             |
|                            | Frequency Drift (ppm) | FL (MHz)    | Frequency Drift (ppm) | FH (MHz)    |
| T20°CVmax                  | -0.008                | 2555.540979 | -0.009                | 2654.467977 |
| T20°CVmin                  | -0.008                | 2555.540980 | -0.009                | 2654.467976 |
| T50°CVnom                  | -0.007                | 2555.540981 | -0.010                | 2654.467974 |
| T40°CVnom                  | -0.007                | 2555.540981 | -0.009                | 2654.467976 |
| T30°CVnom                  | -0.008                | 2555.540979 | -0.009                | 2654.467975 |
| T20°CVnom                  | -0.007                | 2555.540982 | -0.009                | 2654.467977 |
| T10°CVnom                  | -0.007                | 2555.540983 | -0.008                | 2654.467979 |
| T0°CVnom                   | -0.006                | 2555.540985 | -0.007                | 2654.467981 |
| T-10°CVnom                 | -0.005                | 2555.540987 | -0.007                | 2654.467982 |
| T-20°CVnom                 | -0.004                | 2555.540989 | -0.007                | 2654.467982 |
| T-30°CVnom                 | -0.005                | 2555.540988 | -0.006                | 2654.467984 |
| Limit                      |                       | >2555MHz    |                       | <2655MHz    |

| Band 41_LTE_15MHz_Nss1_1TX |                       |             |                       |             |
|----------------------------|-----------------------|-------------|-----------------------|-------------|
| Temperature (°C)           | 2562.5MHz             |             | 2647.5MHz             |             |
|                            | Frequency Drift (ppm) | FL (MHz)    | Frequency Drift (ppm) | FH (MHz)    |
| T20°CVmax                  | -0.007                | 2555.799981 | -0.009                | 2654.208977 |
| T20°CVmin                  | -0.008                | 2555.799979 | -0.008                | 2654.208978 |
| T50°CVnom                  | -0.009                | 2555.799978 | -0.008                | 2654.208979 |
| T40°CVnom                  | -0.007                | 2555.799981 | -0.008                | 2654.208978 |
| T30°CVnom                  | -0.007                | 2555.799982 | -0.008                | 2654.208978 |
| T20°CVnom                  | -0.008                | 2555.799980 | -0.008                | 2654.208979 |
| T10°CVnom                  | -0.007                | 2555.799982 | -0.008                | 2654.208980 |
| T0°CVnom                   | -0.007                | 2555.799981 | -0.007                | 2654.208982 |
| T-10°CVnom                 | -0.007                | 2555.799983 | -0.006                | 2654.208983 |
| T-20°CVnom                 | -0.007                | 2555.799982 | -0.006                | 2654.208983 |
| T-30°CVnom                 | -0.006                | 2555.799985 | -0.006                | 2654.208985 |
| Limit                      |                       | >2555MHz    |                       | <2655MHz    |

| Band 41_LTE_20MHz_Nss1_1TX |                       |             |                       |             |
|----------------------------|-----------------------|-------------|-----------------------|-------------|
| Temperature (°C)           | 2565MHz               |             | 2645MHz               |             |
|                            | Frequency Drift (ppm) | FL (MHz)    | Frequency Drift (ppm) | FH (MHz)    |
| T20°CVmax                  | -0.008                | 2556.087979 | -0.008                | 2653.935978 |
| T20°CVmin                  | -0.009                | 2556.087978 | -0.009                | 2653.935976 |
| T50°CVnom                  | -0.009                | 2556.087977 | -0.009                | 2653.935975 |
| T40°CVnom                  | -0.008                | 2556.087979 | -0.009                | 2653.935976 |
| T30°CVnom                  | -0.007                | 2556.087982 | -0.009                | 2653.935977 |
| T20°CVnom                  | -0.007                | 2556.087981 | -0.008                | 2653.935978 |
| T10°CVnom                  | -0.006                | 2556.087984 | -0.008                | 2653.935979 |
| T0°CVnom                   | -0.006                | 2556.087984 | -0.007                | 2653.935981 |
| T-10°CVnom                 | -0.006                | 2556.087985 | -0.007                | 2653.935981 |
| T-20°CVnom                 | -0.005                | 2556.087987 | -0.007                | 2653.935982 |
| T-30°CVnom                 | -0.005                | 2556.087986 | -0.006                | 2653.935984 |
| Limit                      |                       | >2555MHz    |                       | <2655MHz    |