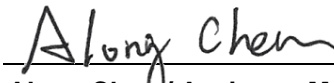


FCC Test Report

FCC ID : 2AQYEFMP177
Equipment : Mobile Phone
Model No. : F-41A
Brand Name : FUJITSU
Applicant : FUJITSU CONNECTED TECHNOLOGIES Ltd.
Address : Chuorinkan 7-10-1 Yamato, Kanagawa
242-0007, Japan.
Standard : 47 CFR FCC Part 27
Received Date : Feb. 01, 2020
Tested Date : Feb. 01 ~ Feb. 11, 2020

We, International Certification Corp., 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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Release Record

| Report No. | Version | Description | Issued Date |
|----------------|---------|---------------|---------------|
| FG8D1403-01P27 | Rev. 01 | Initial issue | Mar. 13, 2020 |

Summary of Test Results

| FCC Rules | Test Items | Measured | Result |
|--|---|---|--------|
| 2.1046 27.50(b)(10) 27.50(c)(10) | Effective Radiated Power | Power[dBm]: LTE Band 12: 8.21 LTE Band 17: 8.24 | Pass |
| 2.1053 27.53(c) 27.53(g) | Radiated Emissions | Meet the requirement of limit | Pass |
| 2.1053 / 27.53(f) | Radiated Spurious Emission in the 1559-1610MHz band | Meet the requirement of limit | Pass |
| 2.1051 27.53(c) 27.53(g) | Conducted Emissions | Meet the requirement of limit | Pass |
| 2.1051 27.53(c) 27.53(g) | Band Edge | Meet the requirement of limit | Pass |
| 2.1049 | Occupied Bandwidth | Meet the requirement of limit | Pass |
| 2.1055 / 27.54 | Frequency Stability | Meet the requirement of limit | Pass |
| 27.50(d)(5) | Peak to Average Ratio | 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 Product Details

| | |
|---------------------|-----------------------------------|
| Product Name | Mobile Phone |
| Brand Name | FUJITSU |
| Model Name | F-41A |
| IMEI Code | 353531110004089 / 353531110004105 |
| H/W Version | v1.2.0 |
| S/W Version | R022.1e |

1.1.2 Specification of the Equipment under Test (EUT)

| | |
|----------------------------|--|
| Operating Frequency | LTE Band 12 Channel Bandwidth: 1.4MHz: 699.7 MHz ~ 715.3 MHz Channel Bandwidth: 3MHz: 700.5 MHz ~ 714.5 MHz Channel Bandwidth: 5MHz: 701.5 MHz ~ 713.5 MHz Channel Bandwidth: 10MHz: 704 MHz ~ 711 MHz LTE Band 17 Channel Bandwidth: 5MHz: 706.5 MHz ~ 713.5 MHz Channel Bandwidth: 10MHz: 709 MHz ~ 711 MHz |
| Modulation Type | QPSK, 16QAM (Uplink) |
| Duplex Mode | FDD |
| Release Version | 10 |
| UE category | Cat. 4 |

1.1.3 Antenna Details

| Ant. No. | Type | Connector | Gain (dBi) | Remark |
|----------|----------|-----------|------------|--------|
| 1 | Monopole | No | -12.9 | --- |

1.1.4 EUT Operational Condition

| | | | |
|-----------------------------|---|---|--|
| Supply Voltage | 3.8Vdc from battery: 9Vdc,1.5A from adapter (No bundle, support unit only) | | |
| Operational Climatic | <input checked="" type="checkbox"/> Tnom (20°C) | <input checked="" type="checkbox"/> Tmax (55°C) | <input checked="" type="checkbox"/> Tmin (-10°C) |

1.1.5 Accessories

| No. | Equipment | Description |
|-----|-----------|---|
| 1 | Battery | Brand: FUJITSU CONNECTED TECHNOLOGIES LIMITED Model Name: CA54310-0074 Power Rating: 3.8Vdc, 2,780mAh, 10.6Wh |

1.1.6 Maximum ERP and Emission Designator

| Mode | Modulation | Maximum ERP (W) | Emission Designator |
|-------------------------|------------|-----------------|---------------------|
| LTE Band 12, CB: 1.4MHz | QPSK | 0.00652 | 1M08G7D |
| LTE Band 12, CB: 1.4MHz | 16QAM | 0.00524 | 1M08W7D |
| LTE Band 12, CB: 3MHz | QPSK | 0.00612 | 2M68G7D |
| LTE Band 12, CB: 3MHz | 16QAM | 0.00515 | 2M68W7D |
| LTE Band 12, CB: 5MHz | QPSK | 0.00656 | 4M47G7D |
| LTE Band 12, CB: 5MHz | 16QAM | 0.00485 | 4M46W7D |
| LTE Band 12, CB: 10MHz | QPSK | 0.00662 | 8M93G7D |
| LTE Band 12, CB: 10MHz | 16QAM | 0.00508 | 8M92W7D |
| LTE Band 17, CB: 5MHz | QPSK | 0.00664 | 4M46G7D |
| LTE Band 17, CB: 5MHz | 16QAM | 0.00467 | 4M46W7D |
| LTE Band 17, CB: 10MHz | QPSK | 0.00667 | 8M92G7D |
| LTE Band 17, CB: 10MHz | 16QAM | 0.00501 | 8M91W7D |

1.1.7 Operating Channel List

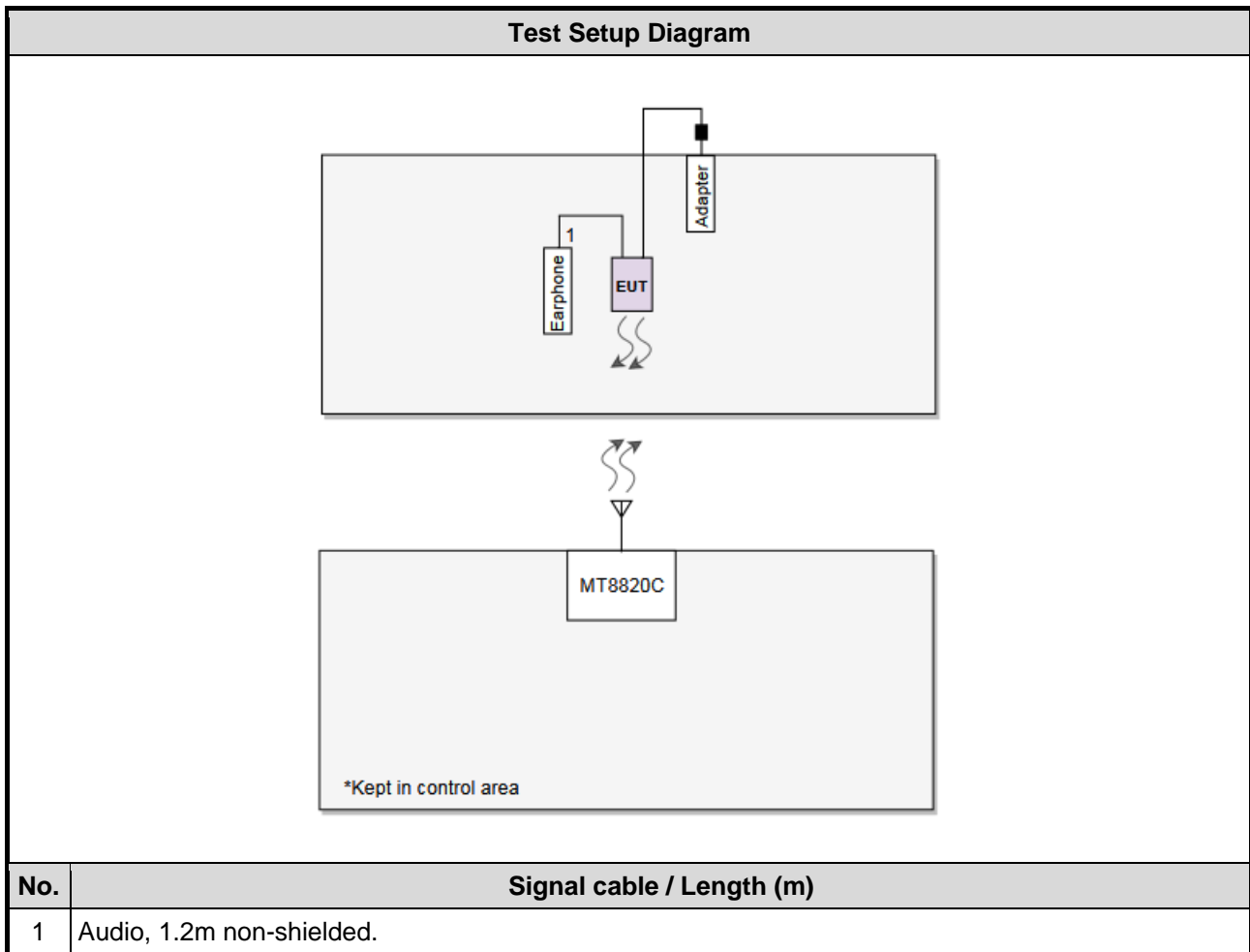
| LTE Band 12 | | |
|-------------------------|---------|-----------------|
| Channel Bandwidth (MHz) | Channel | Frequency (MHz) |
| 1.4 | 23017 | 699.7 |
| 1.4 | 23095 | 707.5 |
| 1.4 | 23173 | 715.3 |
| 3 | 23025 | 700.5 |
| 3 | 23095 | 707.5 |
| 3 | 23165 | 714.5 |
| 5 | 23035 | 701.5 |
| 5 | 23095 | 707.5 |
| 5 | 23155 | 713.5 |
| 10 | 23060 | 704.0 |
| 10 | 23095 | 707.5 |
| 10 | 23130 | 711.0 |

| LTE Band 17 | | |
|-------------------------|---------|-----------------|
| Channel Bandwidth (MHz) | Channel | Frequency (MHz) |
| 5 | 23755 | 706.5 |
| 5 | 23790 | 710.0 |
| 5 | 23825 | 713.5 |
| 10 | 23780 | 709.0 |
| 10 | 23790 | 710.0 |
| 10 | 23800 | 711.0 |

1.2 Local Support Equipment List

| Support Equipment List | | | | | |
|------------------------|-----------|------------|---------------|-----|------------------------|
| No. | Equipment | Brand | Model | S/N | Remarks |
| 1 | Earphone | APPLE | MD827FE/A | 6 | --- |
| 2 | Adapter | NTT docomo | AC Adapter 06 | --- | Provided by applicant. |

1.3 Test Setup Chart



1.4 The Equipment List

| Test Item | Radiated Emission | | | | |
|-------------------------|----------------------------|--------------------------|------------------|------------------|-------------------|
| Test Site | 966 chamber1 / (03CH01-WS) | | | | |
| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Calibration Until |
| Spectrum Analyzer | R&S | FSV40 | 101498 | Dec. 17, 2019 | Dec. 16, 2020 |
| Receiver | R&S | ESR3 | 101658 | Dec. 12, 2019 | Dec. 11, 2020 |
| Bilog Antenna | SCHWARZBECK | VULB9168 | VULB9168-522 | Jul. 12, 2019 | Jul. 11, 2020 |
| Horn Antenna 1G-18G | SCHWARZBECK | BBHA 9120 D | BBHA 9120 D 1096 | Dec. 12, 2019 | Dec. 11, 2020 |
| Horn Antenna 18G-40G | SCHWARZBECK | BBHA 9170 | BBHA 9170517 | Nov. 15, 2019 | Nov. 14, 2020 |
| Loop Antenna | R&S | HFH2-Z2 | 100330 | Nov. 13, 2019 | Nov. 12, 2020 |
| Loop Antenna Cable | KOAX KABEL | 101354-BW | 101354-BW | Oct. 07, 2019 | Oct. 06, 2020 |
| Preamplifier | EMC | EMC02325 | 980225 | Jul. 09, 2019 | Jul. 08, 2020 |
| Preamplifier | Agilent | 83017A | MY39501308 | Oct. 08, 2019 | Oct. 07, 2020 |
| Preamplifier | EMC | EMC184045B | 980192 | Aug. 01, 2019 | Jul. 31, 2020 |
| RF Cable | EMC | EMC104-SM-SM-80 00 | 181106 | Oct. 07, 2019 | Oct. 06, 2020 |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16019/4 | Oct. 07, 2019 | Oct. 06, 2020 |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16014/4 | Oct. 07, 2019 | Oct. 06, 2020 |
| LF cable 1M | EMC | EMCCFD400-NM-N M-1000 | 160502 | Oct. 07, 2019 | Oct. 06, 2020 |
| LF cable 3M | Woken | CFD400NL-LW | CFD400NL-001 | Oct. 07, 2019 | Oct. 06, 2020 |
| LF cable 10M | Woken | CFD400NL-LW | CFD400NL-002 | Oct. 07, 2019 | Oct. 06, 2020 |
| Measurement Software | AUDIX | e3 | 6.120210g | NA | NA |

Note: Calibration Interval of instruments listed above is one year.

| Test Item | RF Conducted | | | | |
|------------------------------------|--------------|------------------|-------------|------------------|-------------------|
| Test Site | (TH01-WS) | | | | |
| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Calibration Until |
| Spectrum Analyzer | R&S | FSV40 | 101063 | Apr. 17, 2019 | Apr. 16, 2020 |
| Spectrum Analyzer | R&S | FSV40 | 101499 | Jan. 09, 2020 | Jan. 08, 2021 |
| TEMP&HUMIDITY CHAMBER | GIANT FORCE | GCT-225-40-SP-SD | MAF1212-002 | Dec. 12, 2019 | Dec. 11, 2020 |
| Power Meter | Anritsu | ML2495A | 1241002 | Oct. 23, 2019 | Oct. 22, 2020 |
| Power Sensor | Anritsu | MA2411B | 1207366 | Oct. 23, 2019 | Oct. 22, 2020 |
| Radio Communication Analyzer | Anritsu | MT8820C | 6201240341 | Apr. 12, 2019 | Apr. 11, 2020 |
| AC POWER SOURCE | APC | AFC-500W | F312060012 | Dec. 02, 2019 | Dec. 01, 2020 |
| Measurement Software | Sporton | SENSE-FCC_2G-4G | V5.10.5 | NA | NA |

Note: Calibration Interval of instruments listed above is one year.

1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards.

47 CFR FCC Part 27

ANSI C63.4-2014

ANSI C63.26-2015

FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.6 Deviation from Test Standard and Measurement Procedure

None

1.7 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

| Measurement Uncertainty | |
|--------------------------|---------------------|
| Parameters | Uncertainty |
| Bandwidth | ±34.139 Hz |
| Conducted power | ±0.808 dB |
| Frequency error | ±1×10 ⁻⁹ |
| Conducted emission | ±2.680 dB |
| Radiated emission ≤ 1GHz | ±3.41 dB |
| Radiated emission > 1GHz | ±4.59 dB |
| Time | ±0.1% |
| Temperature | ±0.8°C |

2 Test Configuration

2.1 Testing Condition and Location Information

| Test Item | Test Site | Ambient Condition | Tested By |
|--------------------|-----------|-------------------|------------|
| Radiated Emissions | 03CH01-WS | 22°C / 67-68% | Akun Chung |
| RF Conducted | TH01-WS | 18-24°C / 60-66% | Aska Huang |

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

2.2 The Worst Test Modes and Channel Details

| LTE Band 12 | | | |
|---|--------------------|--------------|-----------------------|
| Test item | Channel Bandwidths | Modulation | Test Frequency (MHz) |
| E.R.P Conducted Emissions Occupied Bandwidth Peak to Average Ratio | 1.4 MHz | QPSK / 16QAM | 699.7 / 707.5 / 715.3 |
| | 3 MHz | QPSK / 16QAM | 700.5 / 707.5 / 714.5 |
| | 5 MHz | QPSK / 16QAM | 701.5 / 707.5 / 713.5 |
| | 10 MHz | QPSK / 16QAM | 704.0 / 707.5 / 711.0 |
| Radiated Emission ≤ 1GHz | 1.4 MHz | QPSK | 699.7 |
| | 3 MHz | QPSK | 700.5 |
| | 5 MHz | QPSK | 707.5 |
| | 10 MHz | QPSK | 707.5 |
| Radiated Emission > 1GHz | 1.4 MHz | QPSK | 699.7 / 707.5 / 715.3 |
| | 3 MHz | QPSK | 700.5 / 707.5 / 714.5 |
| | 5 MHz | QPSK | 701.5 / 707.5 / 713.5 |
| | 10 MHz | QPSK | 704.0 / 707.5 / 711.0 |
| Band Edge | 1.4 MHz | QPSK / 16QAM | 699.7 / 715.3 |
| | 3 MHz | QPSK / 16QAM | 700.5 / 714.5 |
| | 5 MHz | QPSK / 16QAM | 701.5 / 713.5 |
| | 10 MHz | QPSK / 16QAM | 704.0 / 711.0 |
| Frequency Stability | 1.4 MHz | QPSK | 707.5 |
| | 3 MHz | QPSK | 707.5 |
| | 5 MHz | QPSK | 707.5 |
| | 10 MHz | QPSK | 707.5 |

NOTE:

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

| LTE Band 17 | | | |
|--|-------------------|------------------------------|--|
| Test item | Channel Bandwidth | Modulation | Test Frequency (MHz) |
| E.R.P Conducted Emissions Occupied Bandwidth Peak to Average Ratio | 5 MHz 10 MHz | QPSK / 16QAM QPSK / 16QAM | 706.5 / 710.0 / 713.5 709.0 / 710.0 / 711.0 |
| Radiated Emission \leq 1GHz | 5 MHz 10 MHz | QPSK QPSK | 706.5 710.0 |
| Radiated Emission $>$ 1GHz | 5 MHz 10 MHz | QPSK QPSK | 23755, 23790, 23825 23780, 23790, 23800 |
| Band Edge | 5 MHz 10 MHz | QPSK / 16QAM QPSK / 16QAM | 23755, 23825 23780, 23800 |
| Frequency Stability | 5 MHz 10 MHz | QPSK QPSK | 710.0 710.0 |
| Note: | | | |
| 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Z-plane results were found as the worst case and were shown in this report. | | | |

3 Test Results

3.1 Effective Radiated Power

3.1.1 Limit of Effective Radiated Power

Portable stations (hand-held devices) are limited to 3 watts ERP.

3.1.2 Test Procedures

For E.R.P measurement

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

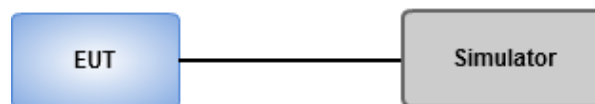
1. $EIRP = P_T + G_T - L_C$
 P_T = transmitter output power, in dBm.
 G_T = gain of the transmitting antenna, in dBi (EIRP).
 L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.
2. $ERP = EIRP - 2.15 \text{ dB}$.

For Conducted power measurement

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

3.1.3 Test Setup

Conducted Power Measurement



3.1.4 Test Result of Conducted power (dBm)

| Band / Channel Bandwidth | | | LTE Band 12 / CB: 1.4MHz | | |
|--------------------------|----|-----------|--------------------------|-------|-------|
| Channel | | | 23017 | 23095 | 23173 |
| Frequency (MHz) | | | 699.7 | 707.5 | 715.3 |
| Mode | RB | RB Offset | Maximum AV Power (dBm) | | |
| QPSK | 1 | 0 | 23.00 | 22.93 | 22.82 |
| | 1 | 3 | 23.14 | 23.02 | 23.02 |
| | 1 | 5 | 23.13 | 23.00 | 22.96 |
| | 3 | 0 | 23.04 | 23.02 | 23.04 |
| | 3 | 1 | 23.19 | 23.17 | 23.04 |
| | 3 | 3 | 23.17 | 23.17 | 23.10 |
| | 6 | 0 | 22.09 | 22.12 | 22.01 |
| 16QAM | 1 | 0 | 21.94 | 21.88 | 21.84 |
| | 1 | 3 | 22.14 | 22.05 | 22.00 |
| | 1 | 5 | 22.24 | 22.24 | 21.81 |
| | 3 | 0 | 22.17 | 22.04 | 21.99 |
| | 3 | 1 | 22.15 | 22.08 | 21.99 |
| | 3 | 3 | 22.14 | 22.19 | 22.00 |
| | 6 | 0 | 21.18 | 21.02 | 21.01 |

| Band / Channel Bandwidth | | | LTE Band 12 / CB: 3MHz | | |
|--------------------------|----|-----------|------------------------|-------|-------|
| Channel | | | 23025 | 23095 | 23165 |
| Frequency (MHz) | | | 700.5 | 707.5 | 714.5 |
| Mode | RB | RB Offset | Maximum AV Power (dBm) | | |
| QPSK | 1 | 0 | 22.92 | 22.63 | 22.79 |
| | 1 | 8 | 22.91 | 22.68 | 22.79 |
| | 1 | 14 | 22.66 | 22.64 | 22.63 |
| | 8 | 0 | 22.06 | 22.00 | 22.10 |
| | 8 | 4 | 22.21 | 22.24 | 22.02 |
| | 8 | 7 | 22.12 | 22.16 | 22.01 |
| | 15 | 0 | 22.22 | 22.03 | 21.99 |
| 16QAM | 1 | 0 | 22.17 | 21.85 | 21.85 |
| | 1 | 8 | 21.81 | 21.85 | 21.74 |
| | 1 | 14 | 21.97 | 21.76 | 21.81 |
| | 8 | 0 | 21.08 | 21.02 | 21.03 |
| | 8 | 4 | 21.11 | 21.01 | 21.08 |
| | 8 | 7 | 21.20 | 21.12 | 21.07 |
| | 15 | 0 | 20.85 | 20.89 | 21.02 |

| Band / Channel Bandwidth | | | LTE Band 12 / CB: 5MHz | | |
|--------------------------|----|-----------|------------------------|-------|-------|
| Channel | | | 23035 | 23095 | 23155 |
| Frequency (MHz) | | | 701.5 | 707.5 | 713.5 |
| Mode | RB | RB Offset | Maximum AV Power (dBm) | | |
| QPSK | 1 | 0 | 22.67 | 22.56 | 22.45 |
| | 1 | 12 | 23.21 | 23.22 | 23.07 |
| | 1 | 24 | 22.80 | 22.57 | 22.57 |
| | 12 | 0 | 22.12 | 22.07 | 21.96 |
| | 12 | 7 | 22.21 | 22.18 | 22.00 |
| | 12 | 13 | 22.14 | 22.11 | 22.07 |
| | 25 | 0 | 22.14 | 22.14 | 21.96 |
| 16QAM | 1 | 0 | 21.82 | 21.76 | 21.62 |
| | 1 | 12 | 21.91 | 21.85 | 21.76 |
| | 1 | 24 | 21.91 | 21.68 | 21.57 |
| | 12 | 0 | 21.07 | 21.01 | 21.06 |
| | 12 | 7 | 21.14 | 21.16 | 21.12 |
| | 12 | 13 | 21.08 | 21.02 | 20.89 |
| | 25 | 0 | 21.29 | 21.08 | 20.99 |

| Band / Channel Bandwidth | | | LTE Band 12 / CB: 10MHz | | |
|--------------------------|----|-----------|-------------------------|-------|-------|
| Channel | | | 23060 | 23095 | 23130 |
| Frequency (MHz) | | | 704 | 707.5 | 711 |
| Mode | RB | RB Offset | Maximum AV Power (dBm) | | |
| QPSK | 1 | 0 | 22.69 | 22.80 | 22.72 |
| | 1 | 25 | 23.11 | 23.26 | 23.07 |
| | 1 | 49 | 22.83 | 22.86 | 22.90 |
| | 25 | 0 | 22.10 | 22.10 | 21.96 |
| | 25 | 12 | 22.08 | 22.14 | 22.02 |
| | 25 | 25 | 21.98 | 22.08 | 22.02 |
| | 50 | 0 | 22.10 | 22.15 | 22.04 |
| 16QAM | 1 | 0 | 21.69 | 21.79 | 21.72 |
| | 1 | 25 | 22.06 | 22.11 | 21.94 |
| | 1 | 49 | 21.73 | 21.83 | 21.71 |
| | 25 | 0 | 21.29 | 21.04 | 21.05 |
| | 25 | 12 | 21.01 | 21.08 | 20.96 |
| | 25 | 25 | 21.21 | 20.99 | 21.04 |
| | 50 | 0 | 21.13 | 21.12 | 21.07 |

| Band / Channel Bandwidth | | | LTE Band 17 / CB: 5MHz | | |
|--------------------------|----|-----------|------------------------|-------|-------|
| Channel | | | 23755 | 23790 | 23825 |
| Frequency (MHz) | | | 706.5 | 710.0 | 713.5 |
| Mode | RB | RB Offset | Maximum AV Power (dBm) | | |
| QPSK | 1 | 0 | 22.67 | 22.49 | 22.45 |
| | 1 | 12 | 23.27 | 23.12 | 23.11 |
| | 1 | 24 | 22.70 | 22.61 | 22.60 |
| | 12 | 0 | 21.96 | 22.08 | 22.03 |
| | 12 | 7 | 21.98 | 22.10 | 21.99 |
| | 12 | 13 | 22.05 | 22.05 | 21.96 |
| | 25 | 0 | 22.00 | 22.03 | 21.96 |
| 16QAM | 1 | 0 | 21.71 | 21.66 | 21.71 |
| | 1 | 12 | 21.65 | 21.72 | 21.70 |
| | 1 | 24 | 21.71 | 21.74 | 21.74 |
| | 12 | 0 | 20.76 | 20.70 | 20.77 |
| | 12 | 7 | 21.02 | 20.73 | 21.01 |
| | 12 | 13 | 20.93 | 20.83 | 20.94 |
| | 25 | 0 | 21.04 | 20.86 | 21.20 |

| Band / Channel Bandwidth | | | LTE Band 17 / CB: 10MHz | | |
|--------------------------|----|-----------|-------------------------|-------|-------|
| Channel | | | 23780 | 23790 | 23800 |
| Frequency (MHz) | | | 709.0 | 710.0 | 711.0 |
| Mode | RB | RB Offset | Maximum AV Power (dBm) | | |
| QPSK | 1 | 0 | 22.69 | 22.64 | 22.61 |
| | 1 | 25 | 23.15 | 23.29 | 22.85 |
| | 1 | 49 | 22.79 | 22.65 | 22.69 |
| | 25 | 0 | 22.08 | 22.03 | 22.07 |
| | 25 | 12 | 22.12 | 22.08 | 22.00 |
| | 25 | 25 | 22.12 | 22.01 | 22.00 |
| | 50 | 0 | 22.11 | 22.02 | 22.03 |
| 16QAM | 1 | 0 | 21.81 | 21.60 | 21.63 |
| | 1 | 25 | 22.05 | 21.98 | 21.98 |
| | 1 | 49 | 21.92 | 21.77 | 21.40 |
| | 25 | 0 | 21.01 | 21.05 | 20.89 |
| | 25 | 12 | 21.05 | 20.98 | 21.14 |
| | 25 | 25 | 21.34 | 21.23 | 21.04 |
| | 50 | 0 | 21.14 | 20.94 | 20.96 |

3.1.5 Test Result of Effective Radiated Power (dBm)

Summary

| Mode | Power (dBm) | Power (W) | ERP (dBm) | ERP (W) |
|---------------------------|----------------|--------------|--------------|------------|
| Band 12 | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | 23.19 | 0.208 | 8.14 | 0.00652 |
| LTE_1.4MHz_Nss1,16QAM_1TX | 22.24 | 0.167 | 7.19 | 0.00524 |
| LTE_3MHz_Nss1,QPSK_1TX | 22.92 | 0.196 | 7.87 | 0.00612 |
| LTE_3MHz_Nss1,16QAM_1TX | 22.17 | 0.165 | 7.12 | 0.00515 |
| LTE_5MHz_Nss1,QPSK_1TX | 23.22 | 0.210 | 8.17 | 0.00656 |
| LTE_5MHz_Nss1,16QAM_1TX | 21.91 | 0.155 | 6.86 | 0.00485 |
| LTE_10MHz_Nss1,QPSK_1TX | 23.26 | 0.212 | 8.21 | 0.00662 |
| LTE_10MHz_Nss1,16QAM_1TX | 22.11 | 0.163 | 7.06 | 0.00508 |

Result

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|-----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| Band 12_LTE_1.4MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - |
| 699.7MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 10.10 | 7.95 | 0.00624 | 3 | 23.00 | 0.200 | Inf | 23 |
| 699.7MHz_QPSK_RB 1,#RB 3 | Pass | -12.90 | 10.24 | 8.09 | 0.00644 | 3 | 23.14 | 0.206 | Inf | 23.14 |
| 699.7MHz_QPSK_RB 1,#RB 5 | Pass | -12.90 | 10.23 | 8.08 | 0.00643 | 3 | 23.13 | 0.206 | Inf | 23.13 |
| 699.7MHz_QPSK_RB 3,#RB 0 | Pass | -12.90 | 10.14 | 7.99 | 0.00630 | 3 | 23.04 | 0.201 | Inf | 23.04 |
| 699.7MHz_QPSK_RB 3,#RB 1 | Pass | -12.90 | 10.29 | 8.14 | 0.00652 | 3 | 23.19 | 0.208 | Inf | 23.19 |
| 699.7MHz_QPSK_RB 3,#RB 3 | Pass | -12.90 | 10.27 | 8.12 | 0.00649 | 3 | 23.17 | 0.207 | Inf | 23.17 |
| 699.7MHz_QPSK_RB 6,#RB 0 | Pass | -12.90 | 9.19 | 7.04 | 0.00506 | 3 | 22.09 | 0.162 | Inf | 22.09 |
| 707.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 10.03 | 7.88 | 0.00614 | 3 | 22.93 | 0.196 | Inf | 22.93 |
| 707.5MHz_QPSK_RB 1,#RB 3 | Pass | -12.90 | 10.12 | 7.97 | 0.00627 | 3 | 23.02 | 0.200 | Inf | 23.02 |
| 707.5MHz_QPSK_RB 1,#RB 5 | Pass | -12.90 | 10.10 | 7.95 | 0.00624 | 3 | 23.00 | 0.200 | Inf | 23 |
| 707.5MHz_QPSK_RB 3,#RB 0 | Pass | -12.90 | 10.12 | 7.97 | 0.00627 | 3 | 23.02 | 0.200 | Inf | 23.02 |
| 707.5MHz_QPSK_RB 3,#RB 1 | Pass | -12.90 | 10.27 | 8.12 | 0.00649 | 3 | 23.17 | 0.207 | Inf | 23.17 |
| 707.5MHz_QPSK_RB 3,#RB 3 | Pass | -12.90 | 10.27 | 8.12 | 0.00649 | 3 | 23.17 | 0.207 | Inf | 23.17 |
| 707.5MHz_QPSK_RB 6,#RB 0 | Pass | -12.90 | 9.22 | 7.07 | 0.00509 | 3 | 22.12 | 0.163 | Inf | 22.12 |
| 715.3MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.92 | 7.77 | 0.00598 | 3 | 22.82 | 0.191 | Inf | 22.82 |
| 715.3MHz_QPSK_RB 1,#RB 3 | Pass | -12.90 | 10.12 | 7.97 | 0.00627 | 3 | 23.02 | 0.200 | Inf | 23.02 |
| 715.3MHz_QPSK_RB 1,#RB 5 | Pass | -12.90 | 10.06 | 7.91 | 0.00618 | 3 | 22.96 | 0.198 | Inf | 22.96 |
| 715.3MHz_QPSK_RB 3,#RB 0 | Pass | -12.90 | 10.14 | 7.99 | 0.00630 | 3 | 23.04 | 0.201 | Inf | 23.04 |
| 715.3MHz_QPSK_RB 3,#RB 1 | Pass | -12.90 | 10.14 | 7.99 | 0.00630 | 3 | 23.04 | 0.201 | Inf | 23.04 |
| 715.3MHz_QPSK_RB 3,#RB 3 | Pass | -12.90 | 10.20 | 8.05 | 0.00638 | 3 | 23.10 | 0.204 | Inf | 23.1 |
| 715.3MHz_QPSK_RB 6,#RB 0 | Pass | -12.90 | 9.11 | 6.96 | 0.00497 | 3 | 22.01 | 0.159 | Inf | 22.01 |
| 699.7MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 9.04 | 6.89 | 0.00489 | 3 | 21.94 | 0.156 | Inf | 21.94 |
| 699.7MHz_16QAM_RB 1,#RB 3 | Pass | -12.90 | 9.24 | 7.09 | 0.00512 | 3 | 22.14 | 0.164 | Inf | 22.14 |
| 699.7MHz_16QAM_RB 1,#RB 5 | Pass | -12.90 | 9.34 | 7.19 | 0.00524 | 3 | 22.24 | 0.167 | Inf | 22.24 |
| 699.7MHz_16QAM_RB 3,#RB 0 | Pass | -12.90 | 9.27 | 7.12 | 0.00515 | 3 | 22.17 | 0.165 | Inf | 22.17 |
| 699.7MHz_16QAM_RB 3,#RB 1 | Pass | -12.90 | 9.25 | 7.10 | 0.00513 | 3 | 22.15 | 0.164 | Inf | 22.15 |
| 699.7MHz_16QAM_RB 3,#RB 3 | Pass | -12.90 | 9.24 | 7.09 | 0.00512 | 3 | 22.14 | 0.164 | Inf | 22.14 |
| 699.7MHz_16QAM_RB 6,#RB 0 | Pass | -12.90 | 8.28 | 6.13 | 0.00410 | 3 | 21.18 | 0.131 | Inf | 21.18 |
| 707.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.98 | 6.83 | 0.00482 | 3 | 21.88 | 0.154 | Inf | 21.88 |
| 707.5MHz_16QAM_RB 1,#RB 3 | Pass | -12.90 | 9.15 | 7.00 | 0.00501 | 3 | 22.05 | 0.160 | Inf | 22.05 |
| 707.5MHz_16QAM_RB 1,#RB 5 | Pass | -12.90 | 9.34 | 7.19 | 0.00524 | 3 | 22.24 | 0.167 | Inf | 22.24 |
| 707.5MHz_16QAM_RB 3,#RB 0 | Pass | -12.90 | 9.14 | 6.99 | 0.00500 | 3 | 22.04 | 0.160 | Inf | 22.04 |
| 707.5MHz_16QAM_RB 3,#RB 1 | Pass | -12.90 | 9.18 | 7.03 | 0.00505 | 3 | 22.08 | 0.161 | Inf | 22.08 |
| 707.5MHz_16QAM_RB 3,#RB 3 | Pass | -12.90 | 9.29 | 7.14 | 0.00518 | 3 | 22.19 | 0.166 | Inf | 22.19 |

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| 707.5MHz_16QAM_RB 6,#RB 0 | Pass | -12.90 | 8.12 | 5.97 | 0.00395 | 3 | 21.02 | 0.126 | Inf | 21.02 |
| 715.3MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.94 | 6.79 | 0.00478 | 3 | 21.84 | 0.153 | Inf | 21.84 |
| 715.3MHz_16QAM_RB 1,#RB 3 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 715.3MHz_16QAM_RB 1,#RB 5 | Pass | -12.90 | 8.91 | 6.76 | 0.00474 | 3 | 21.81 | 0.152 | Inf | 21.81 |
| 715.3MHz_16QAM_RB 3,#RB 0 | Pass | -12.90 | 9.09 | 6.94 | 0.00494 | 3 | 21.99 | 0.158 | Inf | 21.99 |
| 715.3MHz_16QAM_RB 3,#RB 1 | Pass | -12.90 | 9.09 | 6.94 | 0.00494 | 3 | 21.99 | 0.158 | Inf | 21.99 |
| 715.3MHz_16QAM_RB 3,#RB 3 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 715.3MHz_16QAM_RB 6,#RB 0 | Pass | -12.90 | 8.11 | 5.96 | 0.00394 | 3 | 21.01 | 0.126 | Inf | 21.01 |
| Band 12_LTE_3MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - |
| 700.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 10.02 | 7.87 | 0.00612 | 3 | 22.92 | 0.196 | Inf | 22.92 |
| 700.5MHz_QPSK_RB 1,#RB 8 | Pass | -12.90 | 10.01 | 7.86 | 0.00611 | 3 | 22.91 | 0.195 | Inf | 22.91 |
| 700.5MHz_QPSK_RB 1,#RB 14 | Pass | -12.90 | 9.76 | 7.61 | 0.00577 | 3 | 22.66 | 0.185 | Inf | 22.66 |
| 700.5MHz_QPSK_RB 8,#RB 0 | Pass | -12.90 | 9.16 | 7.01 | 0.00502 | 3 | 22.06 | 0.161 | Inf | 22.06 |
| 700.5MHz_QPSK_RB 8,#RB 4 | Pass | -12.90 | 9.31 | 7.16 | 0.00520 | 3 | 22.21 | 0.166 | Inf | 22.21 |
| 700.5MHz_QPSK_RB 8,#RB 7 | Pass | -12.90 | 9.22 | 7.07 | 0.00509 | 3 | 22.12 | 0.163 | Inf | 22.12 |
| 700.5MHz_QPSK_RB 15,#RB 0 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 707.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.73 | 7.58 | 0.00573 | 3 | 22.63 | 0.183 | Inf | 22.63 |
| 707.5MHz_QPSK_RB 1,#RB 8 | Pass | -12.90 | 9.78 | 7.63 | 0.00579 | 3 | 22.68 | 0.185 | Inf | 22.68 |
| 707.5MHz_QPSK_RB 1,#RB 14 | Pass | -12.90 | 9.74 | 7.59 | 0.00574 | 3 | 22.64 | 0.184 | Inf | 22.64 |
| 707.5MHz_QPSK_RB 8,#RB 0 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 707.5MHz_QPSK_RB 8,#RB 4 | Pass | -12.90 | 9.34 | 7.19 | 0.00524 | 3 | 22.24 | 0.167 | Inf | 22.24 |
| 707.5MHz_QPSK_RB 8,#RB 7 | Pass | -12.90 | 9.26 | 7.11 | 0.00514 | 3 | 22.16 | 0.164 | Inf | 22.16 |
| 707.5MHz_QPSK_RB 15,#RB 0 | Pass | -12.90 | 9.13 | 6.98 | 0.00499 | 3 | 22.03 | 0.160 | Inf | 22.03 |
| 714.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.89 | 7.74 | 0.00594 | 3 | 22.79 | 0.190 | Inf | 22.79 |
| 714.5MHz_QPSK_RB 1,#RB 8 | Pass | -12.90 | 9.89 | 7.74 | 0.00594 | 3 | 22.79 | 0.190 | Inf | 22.79 |
| 714.5MHz_QPSK_RB 1,#RB 14 | Pass | -12.90 | 9.73 | 7.58 | 0.00573 | 3 | 22.63 | 0.183 | Inf | 22.63 |
| 714.5MHz_QPSK_RB 8,#RB 0 | Pass | -12.90 | 9.20 | 7.05 | 0.00507 | 3 | 22.10 | 0.162 | Inf | 22.1 |
| 714.5MHz_QPSK_RB 8,#RB 4 | Pass | -12.90 | 9.12 | 6.97 | 0.00498 | 3 | 22.02 | 0.159 | Inf | 22.02 |
| 714.5MHz_QPSK_RB 8,#RB 7 | Pass | -12.90 | 9.11 | 6.96 | 0.00497 | 3 | 22.01 | 0.159 | Inf | 22.01 |
| 714.5MHz_QPSK_RB 15,#RB 0 | Pass | -12.90 | 9.09 | 6.94 | 0.00494 | 3 | 21.99 | 0.158 | Inf | 21.99 |
| 700.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 9.27 | 7.12 | 0.00515 | 3 | 22.17 | 0.165 | Inf | 22.17 |
| 700.5MHz_16QAM_RB 1,#RB 8 | Pass | -12.90 | 8.91 | 6.76 | 0.00474 | 3 | 21.81 | 0.152 | Inf | 21.81 |
| 700.5MHz_16QAM_RB 1,#RB 14 | Pass | -12.90 | 9.07 | 6.92 | 0.00492 | 3 | 21.97 | 0.157 | Inf | 21.97 |
| 700.5MHz_16QAM_RB 8,#RB 0 | Pass | -12.90 | 8.18 | 6.03 | 0.00401 | 3 | 21.08 | 0.128 | Inf | 21.08 |
| 700.5MHz_16QAM_RB 8,#RB 4 | Pass | -12.90 | 8.21 | 6.06 | 0.00404 | 3 | 21.11 | 0.129 | Inf | 21.11 |

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| 700.5MHz_16QAM_RB 8,#RB 7 | Pass | -12.90 | 8.30 | 6.15 | 0.00412 | 3 | 21.20 | 0.132 | Inf | 21.2 |
| 700.5MHz_16QAM_RB 15,#RB 0 | Pass | -12.90 | 7.95 | 5.80 | 0.00380 | 3 | 20.85 | 0.122 | Inf | 20.85 |
| 707.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.95 | 6.80 | 0.00479 | 3 | 21.85 | 0.153 | Inf | 21.85 |
| 707.5MHz_16QAM_RB 1,#RB 8 | Pass | -12.90 | 8.95 | 6.80 | 0.00479 | 3 | 21.85 | 0.153 | Inf | 21.85 |
| 707.5MHz_16QAM_RB 1,#RB 14 | Pass | -12.90 | 8.86 | 6.71 | 0.00469 | 3 | 21.76 | 0.150 | Inf | 21.76 |
| 707.5MHz_16QAM_RB 8,#RB 0 | Pass | -12.90 | 8.12 | 5.97 | 0.00395 | 3 | 21.02 | 0.126 | Inf | 21.02 |
| 707.5MHz_16QAM_RB 8,#RB 4 | Pass | -12.90 | 8.11 | 5.96 | 0.00394 | 3 | 21.01 | 0.126 | Inf | 21.01 |
| 707.5MHz_16QAM_RB 8,#RB 7 | Pass | -12.90 | 8.22 | 6.07 | 0.00405 | 3 | 21.12 | 0.129 | Inf | 21.12 |
| 707.5MHz_16QAM_RB 15,#RB 0 | Pass | -12.90 | 7.99 | 5.84 | 0.00384 | 3 | 20.89 | 0.123 | Inf | 20.89 |
| 714.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.95 | 6.80 | 0.00479 | 3 | 21.85 | 0.153 | Inf | 21.85 |
| 714.5MHz_16QAM_RB 1,#RB 8 | Pass | -12.90 | 8.84 | 6.69 | 0.00467 | 3 | 21.74 | 0.149 | Inf | 21.74 |
| 714.5MHz_16QAM_RB 1,#RB 14 | Pass | -12.90 | 8.91 | 6.76 | 0.00474 | 3 | 21.81 | 0.152 | Inf | 21.81 |
| 714.5MHz_16QAM_RB 8,#RB 0 | Pass | -12.90 | 8.13 | 5.98 | 0.00396 | 3 | 21.03 | 0.127 | Inf | 21.03 |
| 714.5MHz_16QAM_RB 8,#RB 4 | Pass | -12.90 | 8.18 | 6.03 | 0.00401 | 3 | 21.08 | 0.128 | Inf | 21.08 |
| 714.5MHz_16QAM_RB 8,#RB 7 | Pass | -12.90 | 8.17 | 6.02 | 0.00400 | 3 | 21.07 | 0.128 | Inf | 21.07 |
| 714.5MHz_16QAM_RB 15,#RB 0 | Pass | -12.90 | 8.12 | 5.97 | 0.00395 | 3 | 21.02 | 0.126 | Inf | 21.02 |
| Band 12_LTE_5MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - |
| 701.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.77 | 7.62 | 0.00578 | 3 | 22.67 | 0.185 | Inf | 22.67 |
| 701.5MHz_QPSK_RB 1,#RB 12 | Pass | -12.90 | 10.31 | 8.16 | 0.00655 | 3 | 23.21 | 0.209 | Inf | 23.21 |
| 701.5MHz_QPSK_RB 1,#RB 24 | Pass | -12.90 | 9.90 | 7.75 | 0.00596 | 3 | 22.80 | 0.191 | Inf | 22.8 |
| 701.5MHz_QPSK_RB 12,#RB 0 | Pass | -12.90 | 9.22 | 7.07 | 0.00509 | 3 | 22.12 | 0.163 | Inf | 22.12 |
| 701.5MHz_QPSK_RB 12,#RB 7 | Pass | -12.90 | 9.31 | 7.16 | 0.00520 | 3 | 22.21 | 0.166 | Inf | 22.21 |
| 701.5MHz_QPSK_RB 12,#RB 13 | Pass | -12.90 | 9.24 | 7.09 | 0.00512 | 3 | 22.14 | 0.164 | Inf | 22.14 |
| 701.5MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.24 | 7.09 | 0.00512 | 3 | 22.14 | 0.164 | Inf | 22.14 |
| 707.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.66 | 7.51 | 0.00564 | 3 | 22.56 | 0.180 | Inf | 22.56 |
| 707.5MHz_QPSK_RB 1,#RB 12 | Pass | -12.90 | 10.32 | 8.17 | 0.00656 | 3 | 23.22 | 0.210 | Inf | 23.22 |
| 707.5MHz_QPSK_RB 1,#RB 24 | Pass | -12.90 | 9.67 | 7.52 | 0.00565 | 3 | 22.57 | 0.181 | Inf | 22.57 |
| 707.5MHz_QPSK_RB 12,#RB 0 | Pass | -12.90 | 9.17 | 7.02 | 0.00504 | 3 | 22.07 | 0.161 | Inf | 22.07 |
| 707.5MHz_QPSK_RB 12,#RB 7 | Pass | -12.90 | 9.28 | 7.13 | 0.00516 | 3 | 22.18 | 0.165 | Inf | 22.18 |
| 707.5MHz_QPSK_RB 12,#RB 13 | Pass | -12.90 | 9.21 | 7.06 | 0.00508 | 3 | 22.11 | 0.163 | Inf | 22.11 |
| 707.5MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.24 | 7.09 | 0.00512 | 3 | 22.14 | 0.164 | Inf | 22.14 |
| 713.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.55 | 7.40 | 0.00550 | 3 | 22.45 | 0.176 | Inf | 22.45 |
| 713.5MHz_QPSK_RB 1,#RB 12 | Pass | -12.90 | 10.17 | 8.02 | 0.00634 | 3 | 23.07 | 0.203 | Inf | 23.07 |
| 713.5MHz_QPSK_RB 1,#RB 24 | Pass | -12.90 | 9.67 | 7.52 | 0.00565 | 3 | 22.57 | 0.181 | Inf | 22.57 |
| 713.5MHz_QPSK_RB 12,#RB 0 | Pass | -12.90 | 9.06 | 6.91 | 0.00491 | 3 | 21.96 | 0.157 | Inf | 21.96 |

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|-----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| 713.5MHz_QPSK_RB 12,#RB 7 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 713.5MHz_QPSK_RB 12,#RB 13 | Pass | -12.90 | 9.17 | 7.02 | 0.00504 | 3 | 22.07 | 0.161 | Inf | 22.07 |
| 713.5MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.06 | 6.91 | 0.00491 | 3 | 21.96 | 0.157 | Inf | 21.96 |
| 701.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.92 | 6.77 | 0.00475 | 3 | 21.82 | 0.152 | Inf | 21.82 |
| 701.5MHz_16QAM_RB 1,#RB 12 | Pass | -12.90 | 9.01 | 6.86 | 0.00485 | 3 | 21.91 | 0.155 | Inf | 21.91 |
| 701.5MHz_16QAM_RB 1,#RB 24 | Pass | -12.90 | 9.01 | 6.86 | 0.00485 | 3 | 21.91 | 0.155 | Inf | 21.91 |
| 701.5MHz_16QAM_RB 12,#RB 0 | Pass | -12.90 | 8.17 | 6.02 | 0.00400 | 3 | 21.07 | 0.128 | Inf | 21.07 |
| 701.5MHz_16QAM_RB 12,#RB 7 | Pass | -12.90 | 8.24 | 6.09 | 0.00406 | 3 | 21.14 | 0.130 | Inf | 21.14 |
| 701.5MHz_16QAM_RB 12,#RB 13 | Pass | -12.90 | 8.18 | 6.03 | 0.00401 | 3 | 21.08 | 0.128 | Inf | 21.08 |
| 701.5MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.39 | 6.24 | 0.00421 | 3 | 21.29 | 0.135 | Inf | 21.29 |
| 707.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.86 | 6.71 | 0.00469 | 3 | 21.76 | 0.150 | Inf | 21.76 |
| 707.5MHz_16QAM_RB 1,#RB 12 | Pass | -12.90 | 8.95 | 6.80 | 0.00479 | 3 | 21.85 | 0.153 | Inf | 21.85 |
| 707.5MHz_16QAM_RB 1,#RB 24 | Pass | -12.90 | 8.78 | 6.63 | 0.00460 | 3 | 21.68 | 0.147 | Inf | 21.68 |
| 707.5MHz_16QAM_RB 12,#RB 0 | Pass | -12.90 | 8.11 | 5.96 | 0.00394 | 3 | 21.01 | 0.126 | Inf | 21.01 |
| 707.5MHz_16QAM_RB 12,#RB 7 | Pass | -12.90 | 8.26 | 6.11 | 0.00408 | 3 | 21.16 | 0.131 | Inf | 21.16 |
| 707.5MHz_16QAM_RB 12,#RB 13 | Pass | -12.90 | 8.12 | 5.97 | 0.00395 | 3 | 21.02 | 0.126 | Inf | 21.02 |
| 707.5MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.18 | 6.03 | 0.00401 | 3 | 21.08 | 0.128 | Inf | 21.08 |
| 713.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.72 | 6.57 | 0.00454 | 3 | 21.62 | 0.145 | Inf | 21.62 |
| 713.5MHz_16QAM_RB 1,#RB 12 | Pass | -12.90 | 8.86 | 6.71 | 0.00469 | 3 | 21.76 | 0.150 | Inf | 21.76 |
| 713.5MHz_16QAM_RB 1,#RB 24 | Pass | -12.90 | 8.67 | 6.52 | 0.00449 | 3 | 21.57 | 0.144 | Inf | 21.57 |
| 713.5MHz_16QAM_RB 12,#RB 0 | Pass | -12.90 | 8.16 | 6.01 | 0.00399 | 3 | 21.06 | 0.128 | Inf | 21.06 |
| 713.5MHz_16QAM_RB 12,#RB 7 | Pass | -12.90 | 8.22 | 6.07 | 0.00405 | 3 | 21.12 | 0.129 | Inf | 21.12 |
| 713.5MHz_16QAM_RB 12,#RB 13 | Pass | -12.90 | 7.99 | 5.84 | 0.00384 | 3 | 20.89 | 0.123 | Inf | 20.89 |
| 713.5MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.09 | 5.94 | 0.00393 | 3 | 20.99 | 0.126 | Inf | 20.99 |
| Band 12_LTE_10MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - |
| 704MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.79 | 7.64 | 0.00581 | 3 | 22.69 | 0.186 | Inf | 22.69 |
| 704MHz_QPSK_RB 1,#RB 25 | Pass | -12.90 | 10.21 | 8.06 | 0.00640 | 3 | 23.11 | 0.205 | Inf | 23.11 |
| 704MHz_QPSK_RB 1,#RB 49 | Pass | -12.90 | 9.93 | 7.78 | 0.00600 | 3 | 22.83 | 0.192 | Inf | 22.83 |
| 704MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.20 | 7.05 | 0.00507 | 3 | 22.10 | 0.162 | Inf | 22.1 |
| 704MHz_QPSK_RB 25,#RB 12 | Pass | -12.90 | 9.18 | 7.03 | 0.00505 | 3 | 22.08 | 0.161 | Inf | 22.08 |
| 704MHz_QPSK_RB 25,#RB 25 | Pass | -12.90 | 9.08 | 6.93 | 0.00493 | 3 | 21.98 | 0.158 | Inf | 21.98 |
| 704MHz_QPSK_RB 50,#RB 0 | Pass | -12.90 | 9.20 | 7.05 | 0.00507 | 3 | 22.10 | 0.162 | Inf | 22.1 |
| 707.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.90 | 7.75 | 0.00596 | 3 | 22.80 | 0.191 | Inf | 22.8 |
| 707.5MHz_QPSK_RB 1,#RB 25 | Pass | -12.90 | 10.36 | 8.21 | 0.00662 | 3 | 23.26 | 0.212 | Inf | 23.26 |
| 707.5MHz_QPSK_RB 1,#RB 49 | Pass | -12.90 | 9.96 | 7.81 | 0.00604 | 3 | 22.86 | 0.193 | Inf | 22.86 |

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|-----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| 707.5MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.20 | 7.05 | 0.00507 | 3 | 22.10 | 0.162 | Inf | 22.1 |
| 707.5MHz_QPSK_RB 25,#RB 12 | Pass | -12.90 | 9.24 | 7.09 | 0.00512 | 3 | 22.14 | 0.164 | Inf | 22.14 |
| 707.5MHz_QPSK_RB 25,#RB 25 | Pass | -12.90 | 9.18 | 7.03 | 0.00505 | 3 | 22.08 | 0.161 | Inf | 22.08 |
| 707.5MHz_QPSK_RB 50,#RB 0 | Pass | -12.90 | 9.25 | 7.10 | 0.00513 | 3 | 22.15 | 0.164 | Inf | 22.15 |
| 711MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.82 | 7.67 | 0.00585 | 3 | 22.72 | 0.187 | Inf | 22.72 |
| 711MHz_QPSK_RB 1,#RB 25 | Pass | -12.90 | 10.17 | 8.02 | 0.00634 | 3 | 23.07 | 0.203 | Inf | 23.07 |
| 711MHz_QPSK_RB 1,#RB 49 | Pass | -12.90 | 10.00 | 7.85 | 0.00610 | 3 | 22.90 | 0.195 | Inf | 22.9 |
| 711MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.06 | 6.91 | 0.00491 | 3 | 21.96 | 0.157 | Inf | 21.96 |
| 711MHz_QPSK_RB 25,#RB 12 | Pass | -12.90 | 9.12 | 6.97 | 0.00498 | 3 | 22.02 | 0.159 | Inf | 22.02 |
| 711MHz_QPSK_RB 25,#RB 25 | Pass | -12.90 | 9.12 | 6.97 | 0.00498 | 3 | 22.02 | 0.159 | Inf | 22.02 |
| 711MHz_QPSK_RB 50,#RB 0 | Pass | -12.90 | 9.14 | 6.99 | 0.00500 | 3 | 22.04 | 0.160 | Inf | 22.04 |
| 704MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.79 | 6.64 | 0.00461 | 3 | 21.69 | 0.148 | Inf | 21.69 |
| 704MHz_16QAM_RB 1,#RB 25 | Pass | -12.90 | 9.16 | 7.01 | 0.00502 | 3 | 22.06 | 0.161 | Inf | 22.06 |
| 704MHz_16QAM_RB 1,#RB 49 | Pass | -12.90 | 8.83 | 6.68 | 0.00466 | 3 | 21.73 | 0.149 | Inf | 21.73 |
| 704MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.39 | 6.24 | 0.00421 | 3 | 21.29 | 0.135 | Inf | 21.29 |
| 704MHz_16QAM_RB 25,#RB 12 | Pass | -12.90 | 8.11 | 5.96 | 0.00394 | 3 | 21.01 | 0.126 | Inf | 21.01 |
| 704MHz_16QAM_RB 25,#RB 25 | Pass | -12.90 | 8.31 | 6.16 | 0.00413 | 3 | 21.21 | 0.132 | Inf | 21.21 |
| 704MHz_16QAM_RB 50,#RB 0 | Pass | -12.90 | 8.23 | 6.08 | 0.00406 | 3 | 21.13 | 0.130 | Inf | 21.13 |
| 707.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.89 | 6.74 | 0.00472 | 3 | 21.79 | 0.151 | Inf | 21.79 |
| 707.5MHz_16QAM_RB 1,#RB 25 | Pass | -12.90 | 9.21 | 7.06 | 0.00508 | 3 | 22.11 | 0.163 | Inf | 22.11 |
| 707.5MHz_16QAM_RB 1,#RB 49 | Pass | -12.90 | 8.93 | 6.78 | 0.00476 | 3 | 21.83 | 0.152 | Inf | 21.83 |
| 707.5MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.14 | 5.99 | 0.00397 | 3 | 21.04 | 0.127 | Inf | 21.04 |
| 707.5MHz_16QAM_RB 25,#RB 12 | Pass | -12.90 | 8.18 | 6.03 | 0.00401 | 3 | 21.08 | 0.128 | Inf | 21.08 |
| 707.5MHz_16QAM_RB 25,#RB 25 | Pass | -12.90 | 8.09 | 5.94 | 0.00393 | 3 | 20.99 | 0.126 | Inf | 20.99 |
| 707.5MHz_16QAM_RB 50,#RB 0 | Pass | -12.90 | 8.22 | 6.07 | 0.00405 | 3 | 21.12 | 0.129 | Inf | 21.12 |
| 711MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.82 | 6.67 | 0.00465 | 3 | 21.72 | 0.149 | Inf | 21.72 |
| 711MHz_16QAM_RB 1,#RB 25 | Pass | -12.90 | 9.04 | 6.89 | 0.00489 | 3 | 21.94 | 0.156 | Inf | 21.94 |
| 711MHz_16QAM_RB 1,#RB 49 | Pass | -12.90 | 8.81 | 6.66 | 0.00463 | 3 | 21.71 | 0.148 | Inf | 21.71 |
| 711MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.15 | 6.00 | 0.00398 | 3 | 21.05 | 0.127 | Inf | 21.05 |
| 711MHz_16QAM_RB 25,#RB 12 | Pass | -12.90 | 8.06 | 5.91 | 0.00390 | 3 | 20.96 | 0.125 | Inf | 20.96 |
| 711MHz_16QAM_RB 25,#RB 25 | Pass | -12.90 | 8.14 | 5.99 | 0.00397 | 3 | 21.04 | 0.127 | Inf | 21.04 |
| 711MHz_16QAM_RB 50,#RB 0 | Pass | -12.90 | 8.17 | 6.02 | 0.00400 | 3 | 21.07 | 0.128 | Inf | 21.07 |

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

Summary

| Mode | Power (dBm) | Power (W) | ERP (dBm) | ERP (W) |
|--------------------------|----------------|--------------|--------------|------------|
| Band 17 | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | 23.27 | 0.212 | 8.22 | 0.00664 |
| LTE_5MHz_Nss1,16QAM_1TX | 21.74 | 0.149 | 6.69 | 0.00467 |
| LTE_10MHz_Nss1,QPSK_1TX | 23.29 | 0.213 | 8.24 | 0.00667 |
| LTE_10MHz_Nss1,16QAM_1TX | 22.05 | 0.160 | 7.00 | 0.00501 |

Result

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|-----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| Band 17_LTE_5MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - |
| 706.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.77 | 7.62 | 0.00578 | 3 | 22.67 | 0.185 | Inf | 22.67 |
| 706.5MHz_QPSK_RB 1,#RB 12 | Pass | -12.90 | 10.37 | 8.22 | 0.00664 | 3 | 23.27 | 0.212 | Inf | 23.27 |
| 706.5MHz_QPSK_RB 1,#RB 24 | Pass | -12.90 | 9.80 | 7.65 | 0.00582 | 3 | 22.70 | 0.186 | Inf | 22.7 |
| 706.5MHz_QPSK_RB 12,#RB 0 | Pass | -12.90 | 9.06 | 6.91 | 0.00491 | 3 | 21.96 | 0.157 | Inf | 21.96 |
| 706.5MHz_QPSK_RB 12,#RB 7 | Pass | -12.90 | 9.08 | 6.93 | 0.00493 | 3 | 21.98 | 0.158 | Inf | 21.98 |
| 706.5MHz_QPSK_RB 12,#RB 13 | Pass | -12.90 | 9.15 | 7.00 | 0.00501 | 3 | 22.05 | 0.160 | Inf | 22.05 |
| 706.5MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 710MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.59 | 7.44 | 0.00555 | 3 | 22.49 | 0.177 | Inf | 22.49 |
| 710MHz_QPSK_RB 1,#RB 12 | Pass | -12.90 | 10.22 | 8.07 | 0.00641 | 3 | 23.12 | 0.205 | Inf | 23.12 |
| 710MHz_QPSK_RB 1,#RB 24 | Pass | -12.90 | 9.71 | 7.56 | 0.00570 | 3 | 22.61 | 0.182 | Inf | 22.61 |
| 710MHz_QPSK_RB 12,#RB 0 | Pass | -12.90 | 9.18 | 7.03 | 0.00505 | 3 | 22.08 | 0.161 | Inf | 22.08 |
| 710MHz_QPSK_RB 12,#RB 7 | Pass | -12.90 | 9.20 | 7.05 | 0.00507 | 3 | 22.10 | 0.162 | Inf | 22.1 |
| 710MHz_QPSK_RB 12,#RB 13 | Pass | -12.90 | 9.15 | 7.00 | 0.00501 | 3 | 22.05 | 0.160 | Inf | 22.05 |
| 710MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.13 | 6.98 | 0.00499 | 3 | 22.03 | 0.160 | Inf | 22.03 |
| 713.5MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.55 | 7.40 | 0.00550 | 3 | 22.45 | 0.176 | Inf | 22.45 |
| 713.5MHz_QPSK_RB 1,#RB 12 | Pass | -12.90 | 10.21 | 8.06 | 0.00640 | 3 | 23.11 | 0.205 | Inf | 23.11 |
| 713.5MHz_QPSK_RB 1,#RB 24 | Pass | -12.90 | 9.70 | 7.55 | 0.00569 | 3 | 22.60 | 0.182 | Inf | 22.6 |
| 713.5MHz_QPSK_RB 12,#RB 0 | Pass | -12.90 | 9.13 | 6.98 | 0.00499 | 3 | 22.03 | 0.160 | Inf | 22.03 |
| 713.5MHz_QPSK_RB 12,#RB 7 | Pass | -12.90 | 9.09 | 6.94 | 0.00494 | 3 | 21.99 | 0.158 | Inf | 21.99 |
| 713.5MHz_QPSK_RB 12,#RB 13 | Pass | -12.90 | 9.06 | 6.91 | 0.00491 | 3 | 21.96 | 0.157 | Inf | 21.96 |
| 713.5MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.06 | 6.91 | 0.00491 | 3 | 21.96 | 0.157 | Inf | 21.96 |
| 706.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.81 | 6.66 | 0.00463 | 3 | 21.71 | 0.148 | Inf | 21.71 |
| 706.5MHz_16QAM_RB 1,#RB 12 | Pass | -12.90 | 8.75 | 6.60 | 0.00457 | 3 | 21.65 | 0.146 | Inf | 21.65 |
| 706.5MHz_16QAM_RB 1,#RB 24 | Pass | -12.90 | 8.81 | 6.66 | 0.00463 | 3 | 21.71 | 0.148 | Inf | 21.71 |
| 706.5MHz_16QAM_RB 12,#RB 0 | Pass | -12.90 | 7.86 | 5.71 | 0.00372 | 3 | 20.76 | 0.119 | Inf | 20.76 |
| 706.5MHz_16QAM_RB 12,#RB 7 | Pass | -12.90 | 8.12 | 5.97 | 0.00395 | 3 | 21.02 | 0.126 | Inf | 21.02 |
| 706.5MHz_16QAM_RB 12,#RB 13 | Pass | -12.90 | 8.03 | 5.88 | 0.00387 | 3 | 20.93 | 0.124 | Inf | 20.93 |
| 706.5MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.14 | 5.99 | 0.00397 | 3 | 21.04 | 0.127 | Inf | 21.04 |
| 710MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.76 | 6.61 | 0.00458 | 3 | 21.66 | 0.147 | Inf | 21.66 |
| 710MHz_16QAM_RB 1,#RB 12 | Pass | -12.90 | 8.82 | 6.67 | 0.00465 | 3 | 21.72 | 0.149 | Inf | 21.72 |
| 710MHz_16QAM_RB 1,#RB 24 | Pass | -12.90 | 8.84 | 6.69 | 0.00467 | 3 | 21.74 | 0.149 | Inf | 21.74 |
| 710MHz_16QAM_RB 12,#RB 0 | Pass | -12.90 | 7.80 | 5.65 | 0.00367 | 3 | 20.70 | 0.117 | Inf | 20.7 |
| 710MHz_16QAM_RB 12,#RB 7 | Pass | -12.90 | 7.83 | 5.68 | 0.00370 | 3 | 20.73 | 0.118 | Inf | 20.73 |
| 710MHz_16QAM_RB 12,#RB 13 | Pass | -12.90 | 7.93 | 5.78 | 0.00378 | 3 | 20.83 | 0.121 | Inf | 20.83 |

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|-----------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| 710MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 7.96 | 5.81 | 0.00381 | 3 | 20.86 | 0.122 | Inf | 20.86 |
| 713.5MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.81 | 6.66 | 0.00463 | 3 | 21.71 | 0.148 | Inf | 21.71 |
| 713.5MHz_16QAM_RB 1,#RB 12 | Pass | -12.90 | 8.80 | 6.65 | 0.00462 | 3 | 21.70 | 0.148 | Inf | 21.7 |
| 713.5MHz_16QAM_RB 1,#RB 24 | Pass | -12.90 | 8.84 | 6.69 | 0.00467 | 3 | 21.74 | 0.149 | Inf | 21.74 |
| 713.5MHz_16QAM_RB 12,#RB 0 | Pass | -12.90 | 7.87 | 5.72 | 0.00373 | 3 | 20.77 | 0.119 | Inf | 20.77 |
| 713.5MHz_16QAM_RB 12,#RB 7 | Pass | -12.90 | 8.11 | 5.96 | 0.00394 | 3 | 21.01 | 0.126 | Inf | 21.01 |
| 713.5MHz_16QAM_RB 12,#RB 13 | Pass | -12.90 | 8.04 | 5.89 | 0.00388 | 3 | 20.94 | 0.124 | Inf | 20.94 |
| 713.5MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.30 | 6.15 | 0.00412 | 3 | 21.20 | 0.132 | Inf | 21.2 |
| Band 17_LTE_10MHz_Nss1_1TX | - | - | - | - | - | - | - | - | - | - |
| 709MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.79 | 7.64 | 0.00581 | 3 | 22.69 | 0.186 | Inf | 22.69 |
| 709MHz_QPSK_RB 1,#RB 25 | Pass | -12.90 | 10.25 | 8.10 | 0.00646 | 3 | 23.15 | 0.207 | Inf | 23.15 |
| 709MHz_QPSK_RB 1,#RB 49 | Pass | -12.90 | 9.89 | 7.74 | 0.00594 | 3 | 22.79 | 0.190 | Inf | 22.79 |
| 709MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.18 | 7.03 | 0.00505 | 3 | 22.08 | 0.161 | Inf | 22.08 |
| 709MHz_QPSK_RB 25,#RB 12 | Pass | -12.90 | 9.22 | 7.07 | 0.00509 | 3 | 22.12 | 0.163 | Inf | 22.12 |
| 709MHz_QPSK_RB 25,#RB 25 | Pass | -12.90 | 9.22 | 7.07 | 0.00509 | 3 | 22.12 | 0.163 | Inf | 22.12 |
| 709MHz_QPSK_RB 50,#RB 0 | Pass | -12.90 | 9.21 | 7.06 | 0.00508 | 3 | 22.11 | 0.163 | Inf | 22.11 |
| 710MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.74 | 7.59 | 0.00574 | 3 | 22.64 | 0.184 | Inf | 22.64 |
| 710MHz_QPSK_RB 1,#RB 25 | Pass | -12.90 | 10.39 | 8.24 | 0.00667 | 3 | 23.29 | 0.213 | Inf | 23.29 |
| 710MHz_QPSK_RB 1,#RB 49 | Pass | -12.90 | 9.75 | 7.60 | 0.00575 | 3 | 22.65 | 0.184 | Inf | 22.65 |
| 710MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.13 | 6.98 | 0.00499 | 3 | 22.03 | 0.160 | Inf | 22.03 |
| 710MHz_QPSK_RB 25,#RB 12 | Pass | -12.90 | 9.18 | 7.03 | 0.00505 | 3 | 22.08 | 0.161 | Inf | 22.08 |
| 710MHz_QPSK_RB 25,#RB 25 | Pass | -12.90 | 9.11 | 6.96 | 0.00497 | 3 | 22.01 | 0.159 | Inf | 22.01 |
| 710MHz_QPSK_RB 50,#RB 0 | Pass | -12.90 | 9.12 | 6.97 | 0.00498 | 3 | 22.02 | 0.159 | Inf | 22.02 |
| 711MHz_QPSK_RB 1,#RB 0 | Pass | -12.90 | 9.71 | 7.56 | 0.00570 | 3 | 22.61 | 0.182 | Inf | 22.61 |
| 711MHz_QPSK_RB 1,#RB 25 | Pass | -12.90 | 9.95 | 7.80 | 0.00603 | 3 | 22.85 | 0.193 | Inf | 22.85 |
| 711MHz_QPSK_RB 1,#RB 49 | Pass | -12.90 | 9.79 | 7.64 | 0.00581 | 3 | 22.69 | 0.186 | Inf | 22.69 |
| 711MHz_QPSK_RB 25,#RB 0 | Pass | -12.90 | 9.17 | 7.02 | 0.00504 | 3 | 22.07 | 0.161 | Inf | 22.07 |
| 711MHz_QPSK_RB 25,#RB 12 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 711MHz_QPSK_RB 25,#RB 25 | Pass | -12.90 | 9.10 | 6.95 | 0.00495 | 3 | 22.00 | 0.158 | Inf | 22 |
| 711MHz_QPSK_RB 50,#RB 0 | Pass | -12.90 | 9.13 | 6.98 | 0.00499 | 3 | 22.03 | 0.160 | Inf | 22.03 |
| 709MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.91 | 6.76 | 0.00474 | 3 | 21.81 | 0.152 | Inf | 21.81 |
| 709MHz_16QAM_RB 1,#RB 25 | Pass | -12.90 | 9.15 | 7.00 | 0.00501 | 3 | 22.05 | 0.160 | Inf | 22.05 |
| 709MHz_16QAM_RB 1,#RB 49 | Pass | -12.90 | 9.02 | 6.87 | 0.00486 | 3 | 21.92 | 0.156 | Inf | 21.92 |
| 709MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.11 | 5.96 | 0.00394 | 3 | 21.01 | 0.126 | Inf | 21.01 |
| 709MHz_16QAM_RB 25,#RB 12 | Pass | -12.90 | 8.15 | 6.00 | 0.00398 | 3 | 21.05 | 0.127 | Inf | 21.05 |

| Mode | Result | DG (dBi) | EIRP (dBm) | ERP (dBm) | ERP (W) | ERP Lim. (W) | Power (dBm) | Power (W) | Power Lim. (W) | Port 1 (dBm) |
|---------------------------|--------|-------------|---------------|--------------|------------|--------------------|----------------|--------------|----------------------|-----------------|
| 709MHz_16QAM_RB 25,#RB 25 | Pass | -12.90 | 8.44 | 6.29 | 0.00426 | 3 | 21.34 | 0.136 | Inf | 21.34 |
| 709MHz_16QAM_RB 50,#RB 0 | Pass | -12.90 | 8.24 | 6.09 | 0.00406 | 3 | 21.14 | 0.130 | Inf | 21.14 |
| 710MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.70 | 6.55 | 0.00452 | 3 | 21.60 | 0.145 | Inf | 21.6 |
| 710MHz_16QAM_RB 1,#RB 25 | Pass | -12.90 | 9.08 | 6.93 | 0.00493 | 3 | 21.98 | 0.158 | Inf | 21.98 |
| 710MHz_16QAM_RB 1,#RB 49 | Pass | -12.90 | 8.87 | 6.72 | 0.00470 | 3 | 21.77 | 0.150 | Inf | 21.77 |
| 710MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 8.15 | 6.00 | 0.00398 | 3 | 21.05 | 0.127 | Inf | 21.05 |
| 710MHz_16QAM_RB 25,#RB 12 | Pass | -12.90 | 8.08 | 5.93 | 0.00392 | 3 | 20.98 | 0.125 | Inf | 20.98 |
| 710MHz_16QAM_RB 25,#RB 25 | Pass | -12.90 | 8.33 | 6.18 | 0.00415 | 3 | 21.23 | 0.133 | Inf | 21.23 |
| 710MHz_16QAM_RB 50,#RB 0 | Pass | -12.90 | 8.04 | 5.89 | 0.00388 | 3 | 20.94 | 0.124 | Inf | 20.94 |
| 711MHz_16QAM_RB 1,#RB 0 | Pass | -12.90 | 8.73 | 6.58 | 0.00455 | 3 | 21.63 | 0.146 | Inf | 21.63 |
| 711MHz_16QAM_RB 1,#RB 25 | Pass | -12.90 | 9.08 | 6.93 | 0.00493 | 3 | 21.98 | 0.158 | Inf | 21.98 |
| 711MHz_16QAM_RB 1,#RB 49 | Pass | -12.90 | 8.50 | 6.35 | 0.00432 | 3 | 21.40 | 0.138 | Inf | 21.4 |
| 711MHz_16QAM_RB 25,#RB 0 | Pass | -12.90 | 7.99 | 5.84 | 0.00384 | 3 | 20.89 | 0.123 | Inf | 20.89 |
| 711MHz_16QAM_RB 25,#RB 12 | Pass | -12.90 | 8.24 | 6.09 | 0.00406 | 3 | 21.14 | 0.130 | Inf | 21.14 |
| 711MHz_16QAM_RB 25,#RB 25 | Pass | -12.90 | 8.14 | 5.99 | 0.00397 | 3 | 21.04 | 0.127 | Inf | 21.04 |
| 711MHz_16QAM_RB 50,#RB 0 | Pass | -12.90 | 8.06 | 5.91 | 0.00390 | 3 | 20.96 | 0.125 | Inf | 20.96 |

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

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

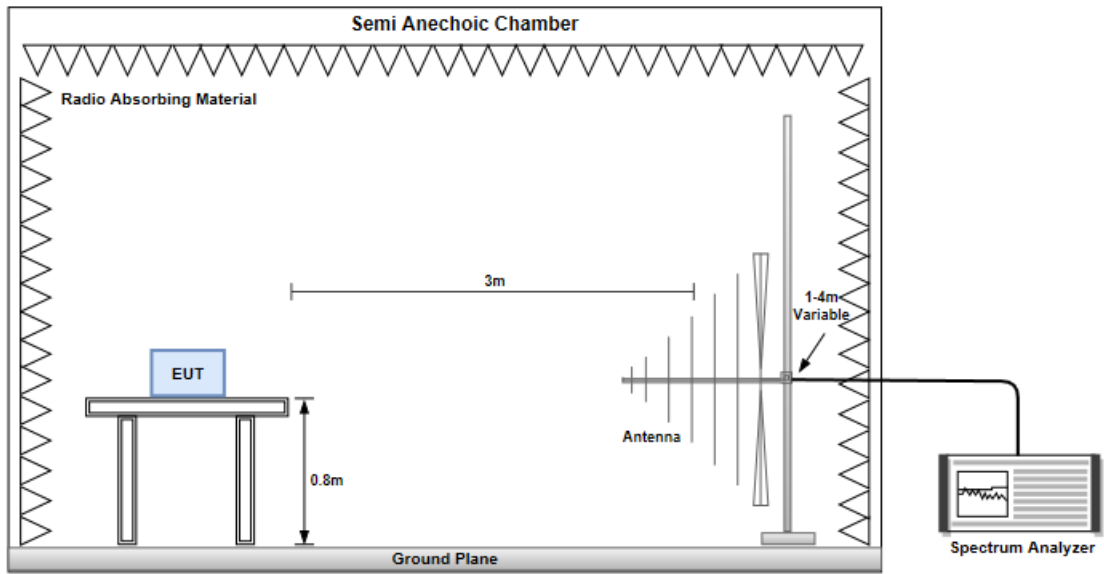
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB equal to -13dBm.

3.2.2 Test Procedures

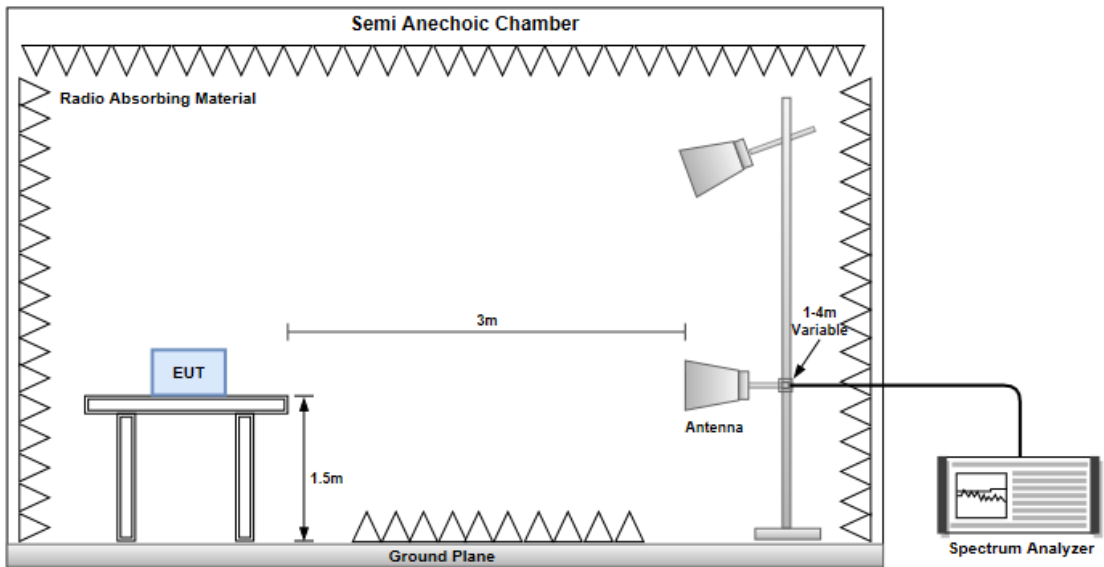
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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. $E.I.R.P = \text{output power of step 4} + \text{gain of substitution antenna} - \text{cable loss of RF cable}$. ERP can be calculated by below formula:
 $E.R.P = E.I.R.P - 2.15\text{dB}$.

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.2.4 Test Result of Radiated Emissions below 1GHz

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 23017 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.00 | H | -69.62 | -13.00 | -56.62 | -75.60 | -48.02 | -19.45 |
| 90.14 | H | -73.32 | -13.00 | -60.32 | -69.10 | -66.26 | -4.91 |
| 105.66 | H | -77.64 | -13.00 | -64.64 | -73.42 | -70.18 | -5.31 |
| 133.79 | H | -78.77 | -13.00 | -65.77 | -75.26 | -70.08 | -6.54 |
| 177.44 | H | -78.94 | -13.00 | -65.94 | -74.49 | -71.83 | -4.96 |
| 439.34 | H | -74.97 | -13.00 | -61.97 | -75.77 | -71.52 | -1.30 |
| 30.00 | V | -68.65 | -13.00 | -55.65 | -61.46 | -47.05 | -19.45 |
| 73.65 | V | -73.00 | -13.00 | -60.00 | -69.02 | -61.51 | -9.34 |
| 90.14 | V | -64.91 | -13.00 | -51.91 | -60.44 | -57.85 | -4.91 |
| 105.66 | V | -72.38 | -13.00 | -59.38 | -68.86 | -64.92 | -5.31 |
| 146.40 | V | -76.40 | -13.00 | -63.40 | -76.03 | -67.65 | -6.60 |
| 167.74 | V | -75.64 | -13.00 | -62.64 | -75.65 | -67.80 | -5.69 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:3 MHz, 1 RB Offset 0, Channel: 23025 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.00 | H | -70.17 | -13.00 | -57.17 | -76.15 | -48.57 | -19.45 |
| 73.65 | H | -71.20 | -13.00 | -58.20 | -67.09 | -59.71 | -9.34 |
| 90.14 | H | -73.26 | -13.00 | -60.26 | -69.04 | -66.20 | -4.91 |
| 101.78 | H | -77.70 | -13.00 | -64.70 | -73.72 | -70.44 | -5.11 |
| 158.04 | H | -79.51 | -13.00 | -66.51 | -76.59 | -71.04 | -6.32 |
| 415.09 | H | -76.45 | -13.00 | -63.45 | -76.92 | -73.04 | -1.26 |
| 30.00 | V | -71.61 | -13.00 | -58.61 | -64.42 | -50.01 | -19.45 |
| 64.92 | V | -76.08 | -13.00 | -63.08 | -71.26 | -61.68 | -12.25 |
| 73.65 | V | -75.49 | -13.00 | -62.49 | -71.51 | -64.00 | -9.34 |
| 90.14 | V | -64.53 | -13.00 | -51.53 | -60.06 | -57.47 | -4.91 |
| 105.66 | V | -73.75 | -13.00 | -60.75 | -70.23 | -66.29 | -5.31 |
| 159.01 | V | -75.74 | -13.00 | -62.74 | -75.93 | -67.30 | -6.29 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23095 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.00 | H | -69.89 | -13.00 | -56.89 | -75.87 | -48.29 | -19.45 |
| 41.64 | H | -72.92 | -13.00 | -59.92 | -77.29 | -53.40 | -17.37 |
| 90.14 | H | -74.78 | -13.00 | -61.78 | -70.56 | -67.72 | -4.91 |
| 105.66 | H | -78.65 | -13.00 | -65.65 | -74.43 | -71.19 | -5.31 |
| 161.92 | H | -78.61 | -13.00 | -65.61 | -75.51 | -70.33 | -6.13 |
| 439.34 | H | -75.97 | -13.00 | -62.97 | -76.77 | -72.52 | -1.30 |
| 30.00 | V | -71.21 | -13.00 | -58.21 | -64.02 | -49.61 | -19.45 |
| 33.88 | V | -73.32 | -13.00 | -60.32 | -66.44 | -52.67 | -18.50 |
| 76.56 | V | -72.75 | -13.00 | -59.75 | -69.41 | -62.22 | -8.38 |
| 90.14 | V | -64.86 | -13.00 | -51.86 | -60.39 | -57.80 | -4.91 |
| 105.66 | V | -72.15 | -13.00 | -59.15 | -68.63 | -64.69 | -5.31 |
| 167.74 | V | -74.77 | -13.00 | -61.77 | -74.78 | -66.93 | -5.69 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23095 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.00 | H | -69.84 | -13.00 | -56.84 | -75.82 | -48.24 | -19.45 |
| 90.14 | H | -74.36 | -13.00 | -61.36 | -70.14 | -67.30 | -4.91 |
| 105.66 | H | -77.70 | -13.00 | -64.70 | -73.48 | -70.24 | -5.31 |
| 143.49 | H | -79.00 | -13.00 | -66.00 | -76.17 | -70.18 | -6.67 |
| 161.92 | H | -79.35 | -13.00 | -66.35 | -76.25 | -71.07 | -6.13 |
| 190.05 | H | -79.57 | -13.00 | -66.57 | -73.20 | -73.58 | -3.84 |
| 30.00 | V | -70.17 | -13.00 | -57.17 | -62.98 | -48.57 | -19.45 |
| 33.88 | V | -73.93 | -13.00 | -60.93 | -67.05 | -53.28 | -18.50 |
| 73.65 | V | -75.03 | -13.00 | -62.03 | -71.05 | -63.54 | -9.34 |
| 90.14 | V | -65.10 | -13.00 | -52.10 | -60.63 | -58.04 | -4.91 |
| 105.66 | V | -73.20 | -13.00 | -60.20 | -69.68 | -65.74 | -5.31 |
| 155.13 | V | -76.05 | -13.00 | -63.05 | -76.07 | -67.51 | -6.39 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23755 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.00 | H | -69.75 | -13.00 | -56.75 | -75.73 | -48.15 | -19.45 |
| 48.43 | H | -73.99 | -13.00 | -60.99 | -76.98 | -55.48 | -16.36 |
| 90.14 | H | -74.14 | -13.00 | -61.14 | -69.92 | -67.08 | -4.91 |
| 130.88 | H | -78.86 | -13.00 | -65.86 | -75.03 | -70.27 | -6.44 |
| 159.98 | H | -79.42 | -13.00 | -66.42 | -76.49 | -71.00 | -6.27 |
| 182.29 | H | -79.58 | -13.00 | -66.58 | -74.52 | -72.87 | -4.56 |
| 30.97 | V | -69.83 | -13.00 | -56.83 | -62.72 | -48.47 | -19.21 |
| 73.65 | V | -72.80 | -13.00 | -59.80 | -68.82 | -61.31 | -9.34 |
| 90.14 | V | -62.47 | -13.00 | -49.47 | -58.00 | -55.41 | -4.91 |
| 105.66 | V | -70.13 | -13.00 | -57.13 | -66.61 | -62.67 | -5.31 |
| 159.98 | V | -75.07 | -13.00 | -62.07 | -75.31 | -66.65 | -6.27 |
| 446.13 | V | -71.66 | -13.00 | -58.66 | -73.05 | -68.20 | -1.31 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23790 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 30.97 | H | -69.37 | -13.00 | -56.37 | -75.16 | -48.01 | -19.21 |
| 38.73 | H | -71.30 | -13.00 | -58.30 | -75.91 | -51.39 | -17.76 |
| 90.14 | H | -72.03 | -13.00 | -59.03 | -67.81 | -64.97 | -4.91 |
| 105.66 | H | -77.40 | -13.00 | -64.40 | -73.18 | -69.94 | -5.31 |
| 139.61 | H | -78.27 | -13.00 | -65.27 | -75.42 | -69.37 | -6.75 |
| 179.38 | H | -79.52 | -13.00 | -66.52 | -74.90 | -72.55 | -4.82 |
| 30.97 | V | -70.43 | -13.00 | -57.43 | -63.32 | -49.07 | -19.21 |
| 35.82 | V | -73.66 | -13.00 | -60.66 | -67.00 | -53.38 | -18.13 |
| 90.14 | V | -64.08 | -13.00 | -51.08 | -59.61 | -57.02 | -4.91 |
| 105.66 | V | -72.39 | -13.00 | -59.39 | -68.87 | -64.93 | -5.31 |
| 130.88 | V | -75.63 | -13.00 | -62.63 | -74.38 | -67.04 | -6.44 |
| 159.01 | V | -73.65 | -13.00 | -60.65 | -73.84 | -65.21 | -6.29 |

NOTE: ERP = S.G power value + correction factor - 2.15.

3.2.5 Test Result of Radiated Emissions above 1GHz

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 23017 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1399.40 | H | -52.03 | -13.00 | -39.03 | -56.48 | -53.80 | 3.92 |
| 3498.50 | H | -47.39 | -13.00 | -34.39 | -59.45 | -52.30 | 7.06 |
| 4198.20 | H | -46.75 | -13.00 | -33.75 | -59.01 | -51.42 | 6.82 |
| 1399.40 | V | -55.32 | -13.00 | -42.32 | 59.48 | -57.09 | 3.92 |
| 3498.50 | V | -46.47 | -13.00 | -33.47 | -58.47 | -51.38 | 7.06 |
| 4198.20 | V | -49.85 | -13.00 | -36.85 | -62.05 | -54.52 | 6.82 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 23095 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1415.00 | H | -53.17 | -13.00 | -40.17 | -57.60 | -55.06 | 4.04 |
| 3537.50 | H | -48.52 | -13.00 | -35.52 | -60.97 | -53.33 | 6.96 |
| 4245.00 | H | -47.98 | -13.00 | -34.98 | -60.38 | -52.60 | 6.77 |
| 1415.00 | V | -57.03 | -13.00 | -44.03 | -61.21 | -58.92 | 4.04 |
| 3537.50 | V | -47.58 | -13.00 | -34.58 | -59.93 | -52.39 | 6.96 |
| 4245.00 | V | -51.21 | -13.00 | -38.21 | -63.56 | -55.83 | 6.77 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 23173 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1430.60 | H | -54.44 | -13.00 | -41.44 | -58.84 | -56.46 | 4.17 |
| 3576.50 | H | -49.12 | -13.00 | -36.12 | -61.96 | -53.82 | 6.85 |
| 4291.80 | H | -48.13 | -13.00 | -35.13 | -60.68 | -52.69 | 6.71 |
| 1430.60 | V | -57.63 | -13.00 | -44.63 | -61.82 | -59.65 | 4.17 |
| 3576.50 | V | -48.19 | -13.00 | -35.19 | -60.87 | -52.89 | 6.85 |
| 4291.80 | V | -51.25 | -13.00 | -38.25 | -63.77 | -55.81 | 6.71 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | LTE Band 12, QPSK, CB:3 MHz, 1 RB Offset 0, Channel: 23025 | | | | | | |
|-----------------|--|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1398.80 | H | -52.64 | -13.00 | -39.64 | -57.09 | -54.42 | 3.93 |
| 3497.00 | H | -48.05 | -13.00 | -35.05 | -60.15 | -52.95 | 7.05 |
| 4196.40 | H | -46.54 | -13.00 | -33.54 | -58.81 | -51.21 | 6.82 |
| 1398.80 | V | -56.54 | -13.00 | -43.54 | -60.71 | -58.32 | 3.93 |
| 3497.00 | V | -48.20 | -13.00 | -35.20 | -60.24 | -53.10 | 7.05 |
| 4196.40 | V | -50.72 | -13.00 | -37.72 | -62.93 | -55.39 | 6.82 |

| Mode | LTE Band 12, QPSK, CB:3 MHz, 1 RB Offset 0, Channel: 23095 | | | | | | |
|-----------------|--|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1415.00 | H | -53.31 | -13.00 | -40.31 | -57.74 | -55.20 | 4.04 |
| 3537.50 | H | -48.37 | -13.00 | -35.37 | -60.82 | -53.18 | 6.96 |
| 4245.00 | H | -46.70 | -13.00 | -33.70 | -59.10 | -51.32 | 6.77 |
| 1415.00 | V | -57.24 | -13.00 | -44.24 | -61.42 | -59.13 | 4.04 |
| 3537.50 | V | -48.50 | -13.00 | -35.50 | -60.85 | -53.31 | 6.96 |
| 4245.00 | V | -51.24 | -13.00 | -38.24 | -63.59 | -55.86 | 6.77 |

| Mode | LTE Band 12, QPSK, CB:3 MHz, 1 RB Offset 0, Channel: 23165 | | | | | | |
|-----------------|--|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1429.00 | H | -53.88 | -13.00 | -40.88 | -58.29 | -55.89 | 4.16 |
| 3572.50 | H | -48.27 | -13.00 | -35.27 | -61.07 | -52.98 | 6.86 |
| 4287.00 | H | -47.04 | -13.00 | -34.04 | -59.57 | -51.61 | 6.72 |
| 1429.00 | V | -56.81 | -13.00 | -43.81 | -61.00 | -58.82 | 4.16 |
| 3572.50 | V | -47.57 | -13.00 | -34.57 | -60.22 | -52.28 | 6.86 |
| 4287.00 | V | -50.48 | -13.00 | -37.48 | -62.99 | -55.05 | 6.72 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23035 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1403.00 | H | -54.68 | -13.00 | -41.68 | -59.13 | -56.47 | 3.94 |
| 3507.50 | H | -47.96 | -13.00 | -34.96 | -60.11 | -52.85 | 7.04 |
| 4209.00 | H | -48.86 | -13.00 | -35.86 | -61.15 | -53.52 | 6.81 |
| 1403.00 | V | -56.44 | -13.00 | -43.44 | -60.61 | -58.23 | 3.94 |
| 3507.50 | V | -47.72 | -13.00 | -34.72 | -59.80 | -52.61 | 7.04 |
| 4209.00 | V | -48.79 | -13.00 | -35.79 | -61.02 | -53.45 | 6.81 |

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23095 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1415.00 | H | -55.75 | -13.00 | -42.75 | -60.18 | -57.64 | 4.04 |
| 3537.50 | H | -48.69 | -13.00 | -35.69 | -61.14 | -53.50 | 6.96 |
| 4245.00 | H | -49.59 | -13.00 | -36.59 | -61.99 | -54.21 | 6.77 |
| 1415.00 | V | -57.31 | -13.00 | -44.31 | -61.49 | -59.20 | 4.04 |
| 3537.50 | V | -47.86 | -13.00 | -34.86 | -60.21 | -52.67 | 6.96 |
| 4245.00 | V | -50.32 | -13.00 | -37.32 | -62.67 | -54.94 | 6.77 |

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23155 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1427.00 | H | -56.17 | -13.00 | -43.17 | -60.58 | -58.16 | 4.14 |
| 3567.50 | H | -48.71 | -13.00 | -35.71 | -61.46 | -53.43 | 6.87 |
| 4281.00 | H | -49.95 | -13.00 | -36.95 | -62.47 | -54.52 | 6.72 |
| 1427.00 | V | -58.34 | -13.00 | -45.34 | -62.53 | -60.33 | 4.14 |
| 3567.50 | V | -48.37 | -13.00 | -35.37 | -60.98 | -53.09 | 6.87 |
| 4281.00 | V | -50.49 | -13.00 | -37.49 | -62.98 | -55.06 | 6.72 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23060 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1408.00 | H | -54.13 | -13.00 | -41.13 | -58.58 | -55.97 | 3.99 |
| 3520.00 | H | -48.03 | -13.00 | -35.03 | -60.31 | -52.88 | 7.00 |
| 4224.00 | H | -48.83 | -13.00 | -35.83 | -61.17 | -53.47 | 6.79 |
| 1408.00 | V | -56.68 | -13.00 | -43.68 | -60.86 | -58.52 | 3.99 |
| 3520.00 | V | -47.47 | -13.00 | -34.47 | -59.66 | -52.32 | 7.00 |
| 4224.00 | V | -49.99 | -13.00 | -36.99 | -62.28 | -54.63 | 6.79 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23095 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1415.00 | H | -55.94 | -13.00 | -42.94 | -60.37 | -57.83 | 4.04 |
| 3537.50 | H | -48.99 | -13.00 | -35.99 | -61.44 | -53.80 | 6.96 |
| 4245.00 | H | -49.90 | -13.00 | -36.90 | -62.30 | -54.52 | 6.77 |
| 1415.00 | V | -57.74 | -13.00 | -44.74 | -61.92 | -59.63 | 4.04 |
| 3537.50 | V | -48.28 | -13.00 | -35.28 | -60.63 | -53.09 | 6.96 |
| 4245.00 | V | -50.88 | -13.00 | -37.88 | -63.23 | -55.50 | 6.77 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 12, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23130 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1422.00 | H | -57.03 | -13.00 | -44.03 | -61.45 | -58.98 | 4.10 |
| 3555.00 | H | -49.84 | -13.00 | -36.84 | -62.46 | -54.60 | 6.91 |
| 4266.00 | H | -51.07 | -13.00 | -38.07 | -63.53 | -55.66 | 6.74 |
| 1422.00 | V | -59.19 | -13.00 | -46.19 | -63.37 | -61.14 | 4.10 |
| 3555.00 | V | -49.23 | -13.00 | -36.23 | -61.72 | -53.99 | 6.91 |
| 4266.00 | V | -52.05 | -13.00 | -39.05 | -64.48 | -56.64 | 6.74 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23755 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1413.00 | H | -52.84 | -13.00 | -39.84 | -57.28 | -54.72 | 4.03 |
| 2119.50 | H | -51.20 | -13.00 | -38.20 | -58.46 | -54.45 | 5.40 |
| 3532.50 | H | -48.65 | -13.00 | -35.65 | -61.05 | -53.47 | 6.97 |
| 1413.00 | V | -54.12 | -13.00 | -41.12 | -58.30 | -56.00 | 4.03 |
| 2119.50 | V | -47.16 | -13.00 | -34.16 | -54.43 | -50.41 | 5.40 |
| 3532.50 | V | -50.30 | -13.00 | -37.30 | -62.60 | -55.12 | 6.97 |

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23790 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1420.00 | H | -52.99 | -13.00 | -39.99 | -57.41 | -54.93 | 4.09 |
| 2130.00 | H | -52.16 | -13.00 | -39.16 | -59.49 | -55.33 | 5.32 |
| 3550.00 | H | -49.34 | -13.00 | -36.34 | -61.91 | -54.11 | 6.92 |
| 1420.00 | V | -54.38 | -13.00 | -41.38 | -58.56 | -56.32 | 4.09 |
| 2130.00 | V | -47.29 | -13.00 | -34.29 | -54.65 | -50.46 | 5.32 |
| 3550.00 | V | -50.06 | -13.00 | -37.06 | -62.51 | -54.83 | 6.92 |

| Mode | | | | | | | |
|---|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 23825 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1427.00 | H | -53.19 | -13.00 | -40.19 | -57.60 | -55.18 | 4.14 |
| 2140.50 | H | -52.48 | -13.00 | -39.48 | -59.89 | -55.58 | 5.25 |
| 3567.50 | H | -49.46 | -13.00 | -36.46 | -62.21 | -54.18 | 6.87 |
| 1427.00 | V | -54.43 | -13.00 | -41.43 | -58.62 | -56.42 | 4.14 |
| 2140.50 | V | -47.80 | -13.00 | -34.80 | -55.25 | -50.90 | 5.25 |
| 3567.50 | V | -50.21 | -13.00 | -37.21 | -62.82 | -54.93 | 6.87 |

NOTE: ERP = S.G power value + correction factor - 2.15.

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23780 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1418.00 | H | -51.88 | -13.00 | -38.88 | -56.31 | -53.80 | 4.07 |
| 2127.00 | H | -50.42 | -13.00 | -37.42 | -57.73 | -53.61 | 5.34 |
| 3545.00 | H | -47.36 | -13.00 | -34.36 | -59.88 | -52.14 | 6.93 |
| 1418.00 | V | -53.53 | -13.00 | -40.53 | -57.72 | -55.45 | 4.07 |
| 2127.00 | V | -46.71 | -13.00 | -33.71 | -54.04 | -49.90 | 5.34 |
| 3545.00 | V | -49.10 | -13.00 | -36.10 | -61.51 | -53.88 | 6.93 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23790 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1420.00 | H | -52.84 | -13.00 | -39.84 | -57.26 | -54.78 | 4.09 |
| 2130.00 | H | -52.03 | -13.00 | -39.03 | -59.36 | -55.20 | 5.32 |
| 3550.00 | H | -49.19 | -13.00 | -36.19 | -61.76 | -53.96 | 6.92 |
| 1420.00 | V | -54.07 | -13.00 | -41.07 | -58.25 | -56.01 | 4.09 |
| 2130.00 | V | -46.68 | -13.00 | -33.68 | -54.04 | -49.85 | 5.32 |
| 3550.00 | V | -49.59 | -13.00 | -36.59 | -62.04 | -54.36 | 6.92 |

| Mode | | | | | | | |
|--|------------------|-------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 17, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 23800 | | | | | | | |
| Frequency (MHz) | Antenna Polarity | E.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) |
| 1422.00 | H | -53.35 | -13.00 | -40.35 | -57.77 | -55.30 | 4.10 |
| 2133.00 | H | -52.95 | -13.00 | -39.95 | -60.31 | -56.10 | 5.30 |
| 3555.00 | H | -49.73 | -13.00 | -36.73 | -62.35 | -54.49 | 6.91 |
| 1422.00 | V | -54.89 | -13.00 | -41.89 | -59.07 | -56.84 | 4.10 |
| 2133.00 | V | -48.15 | -13.00 | -35.15 | -55.54 | -51.30 | 5.30 |
| 3555.00 | V | -50.75 | -13.00 | -37.75 | -63.24 | -55.51 | 6.91 |

NOTE: ERP = S.G power value + correction factor - 2.15.

3.3 Conducted Emissions & Band Edge

3.3.1 Limit of Conducted Emissions & Band Edge

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 -13dBm.

3.3.2 Test Procedures

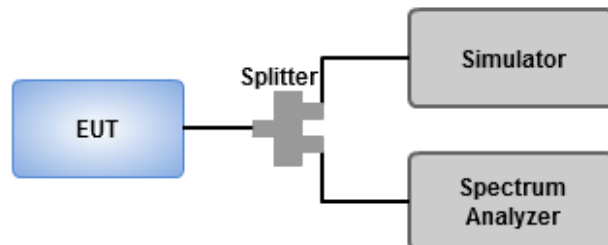
Out of band emission

1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30 MHz ~ 10 GHz.
3. Set RBW = 100 kHz, VBW = 300kHz, detector = RMS, sweep time = auto.
4. Record the max trace value and capture the test plot of each sub frequency band.

Band edge

1. Lowest and highest operating channels are tested for this item.
2. Set RBW = 1% of EBW, VBW = 3 x RBW, detector = RMS, sweep time = auto.
3. 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 & Band Edge

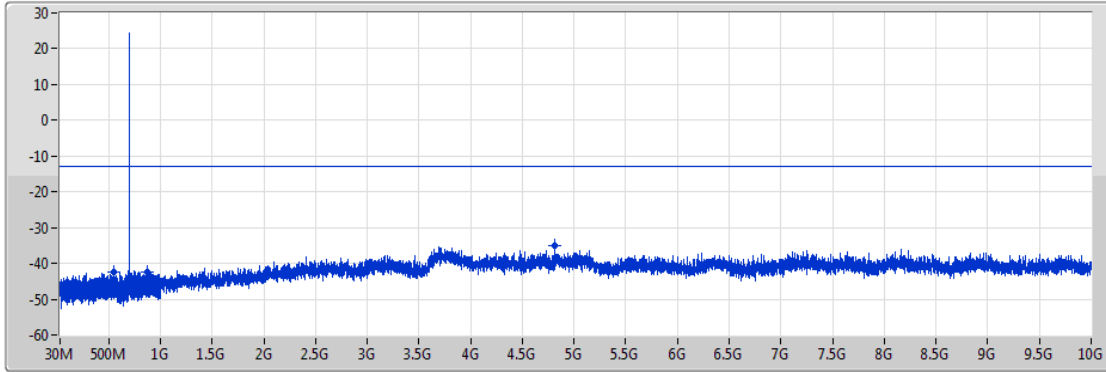
Summary


| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Port | Remark | Ref.Limit (dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|------|--------|-------------------|
| Band 12 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 5.0716G | -34.89 | -13.00 | -21.89 | 1 | - | - |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.7108G | -34.70 | -13.00 | -21.70 | 1 | - | - |
| LTE_3MHz_Nss1,QPSK_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.7909G | -33.52 | -13.00 | -20.52 | 1 | - | - |
| LTE_3MHz_Nss1,16QAM_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 4.8223G | -34.70 | -13.00 | -21.70 | 1 | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.7207G | -33.93 | -13.00 | -20.93 | 1 | - | - |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.6973G | -34.44 | -13.00 | -21.44 | 1 | - | - |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.7828G | -34.79 | -13.00 | -21.79 | 1 | - | - |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.8062G | -33.72 | -13.00 | -20.72 | 1 | - | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Port

699.7MHz



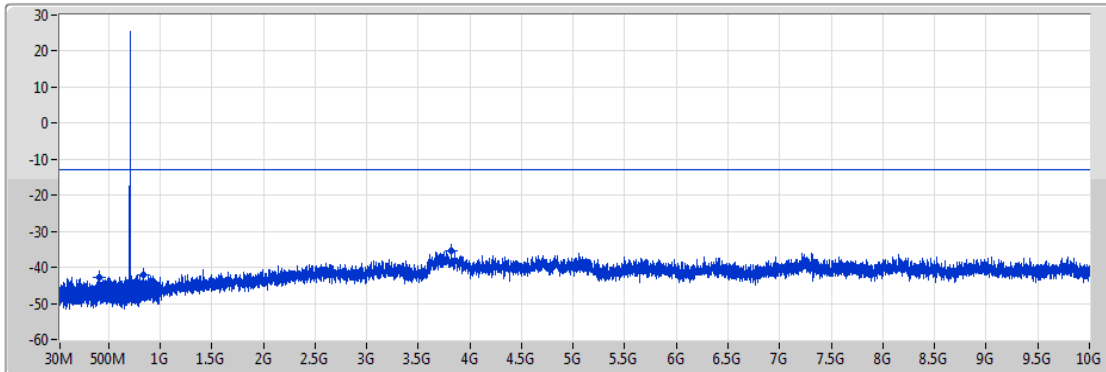
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 544.66M | -42.36 | -13.00 | -29.36 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 875.06M | -42.25 | -13.00 | -29.25 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 4.8142G | -34.94 | -13.00 | -21.94 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Port

707.5MHz



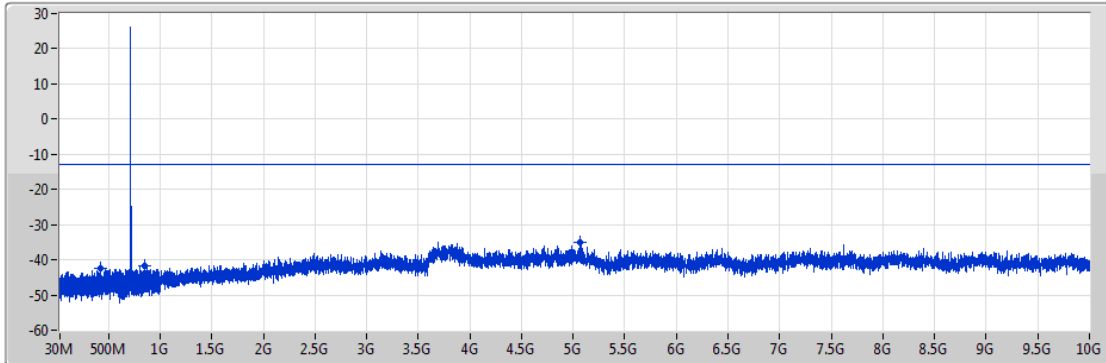
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 412.79M | -42.76 | -13.00 | -29.76 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 843.05M | -42.00 | -13.00 | -29.00 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8188G | -35.34 | -13.00 | -22.34 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Port

715.3MHz



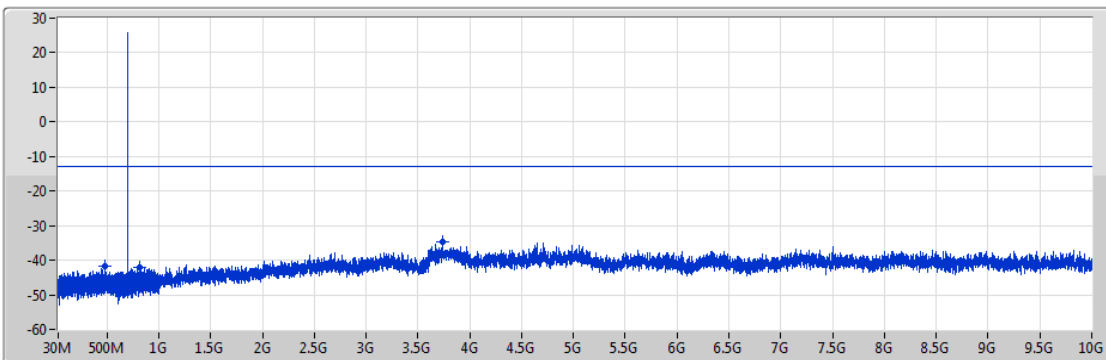
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 427.87M | -42.40 | -13.00 | -29.40 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 852.62M | -41.60 | -13.00 | -28.60 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 5.0716G | -34.89 | -13.00 | -21.89 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX

CSE-TX-Port

699.7MHz

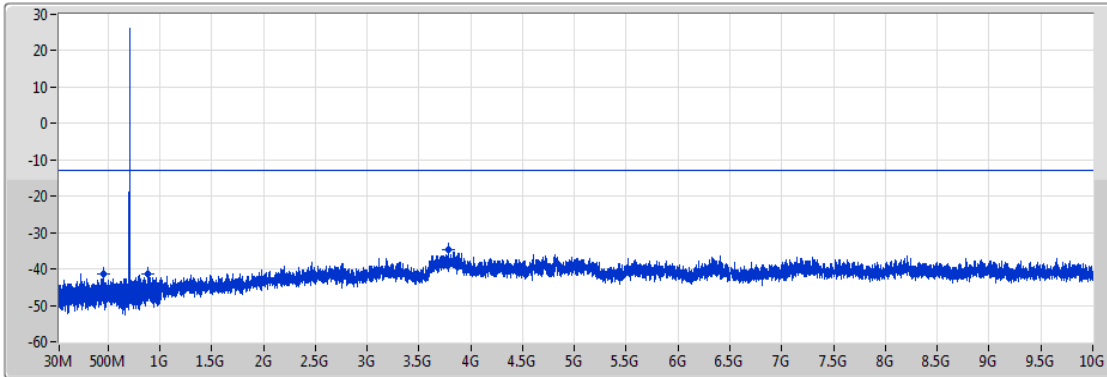



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 475.67M | -41.64 | -13.00 | -28.64 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 817.93M | -42.21 | -13.00 | -29.21 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7414G | -34.77 | -13.00 | -21.77 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
707.5MHz

CSE-TX-Port

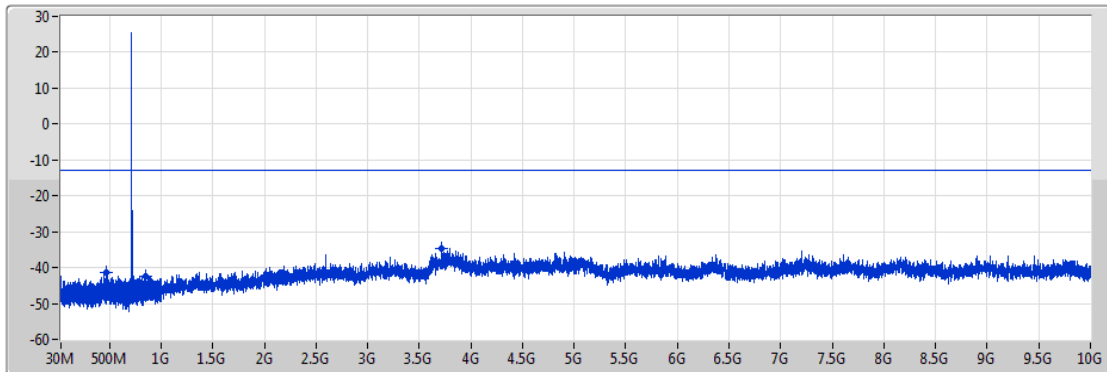



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 458.46M | -41.29 | -13.00 | -28.29 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 882.24M | -41.22 | -13.00 | -28.22 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.781G | -34.78 | -13.00 | -21.78 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz

CSE-TX-Port



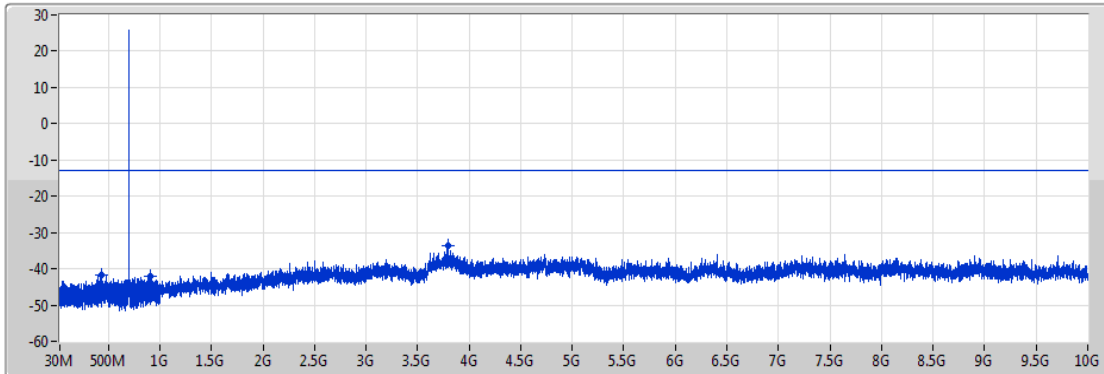
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 471.26M | -41.20 | -13.00 | -28.20 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 849.76M | -42.52 | -13.00 | -29.52 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7108G | -34.70 | -13.00 | -21.70 | 1 | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX

CSE-TX-Port

700.5MHz



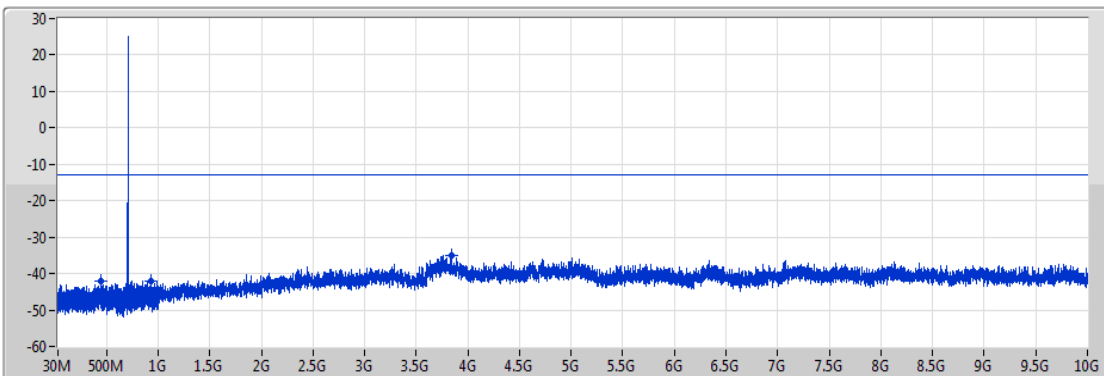
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 430.86M | -41.58 | -13.00 | -28.58 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 905.79M | -42.20 | -13.00 | -29.20 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7909G | -33.52 | -13.00 | -20.52 | 1 | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX

CSE-TX-Port

707.5MHz



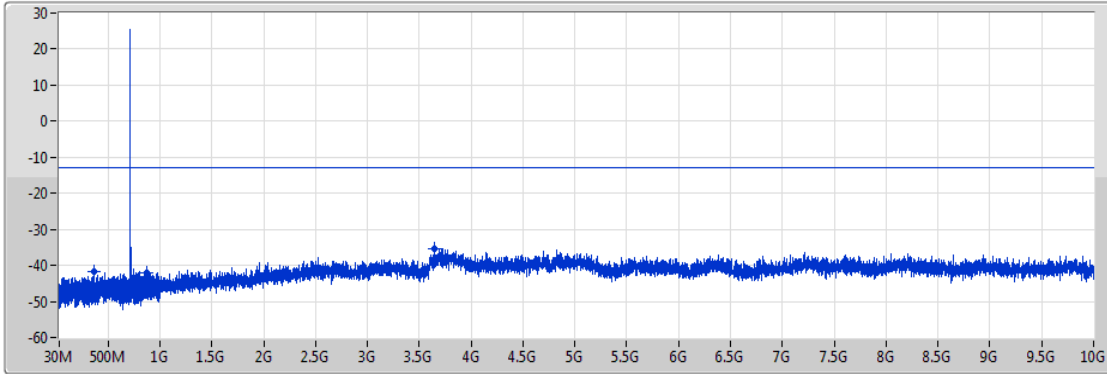
Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 448.36M | -42.17 | -13.00 | -29.17 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 932.01M | -42.01 | -13.00 | -29.01 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8458G | -34.93 | -13.00 | -21.93 | 1 | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX

CSE-TX-Port

714.5MHz

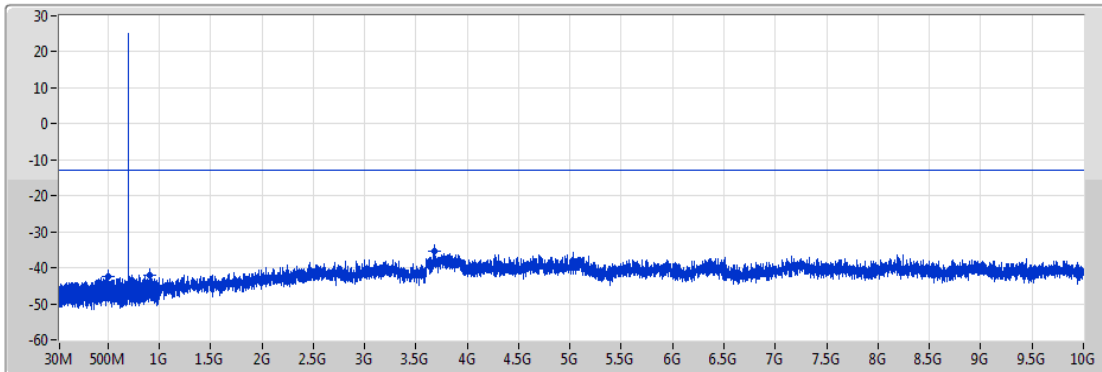


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 361.02M | -41.62 | -13.00 | -28.62 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 868.99M | -42.13 | -13.00 | -29.13 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.6442G | -35.30 | -13.00 | -22.30 | 1 | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX

CSE-TX-Port

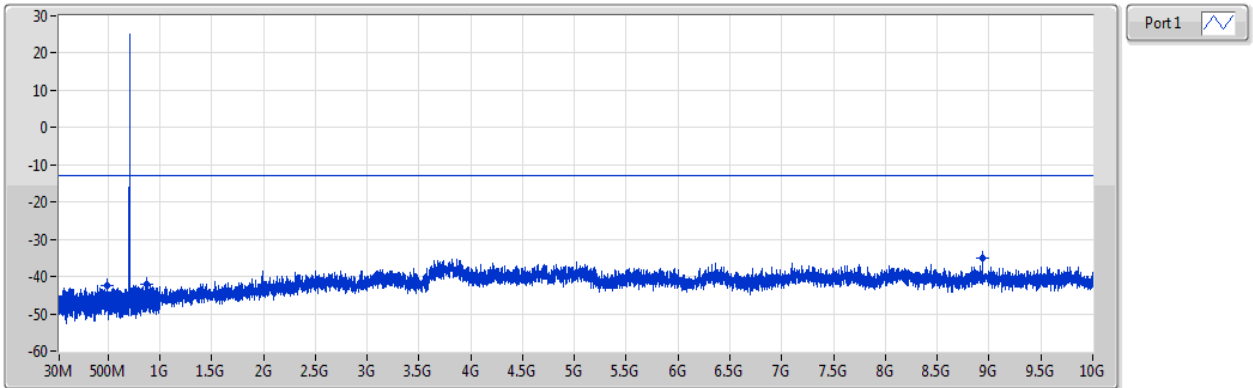
700.5MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 500.42M | -42.51 | -13.00 | -29.51 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 908.37M | -42.16 | -13.00 | -29.16 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.6838G | -35.40 | -13.00 | -22.40 | 1 | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX
707.5MHz

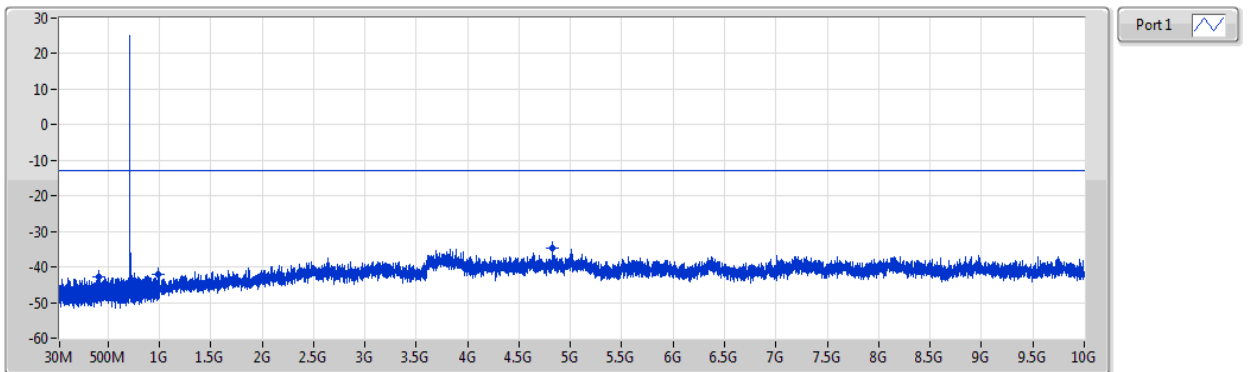
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 492.45M | -42.29 | -13.00 | -29.29 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 876.72M | -42.08 | -13.00 | -29.08 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 8.938G | -35.06 | -13.00 | -22.06 | 1 | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz

CSE-TX-Port

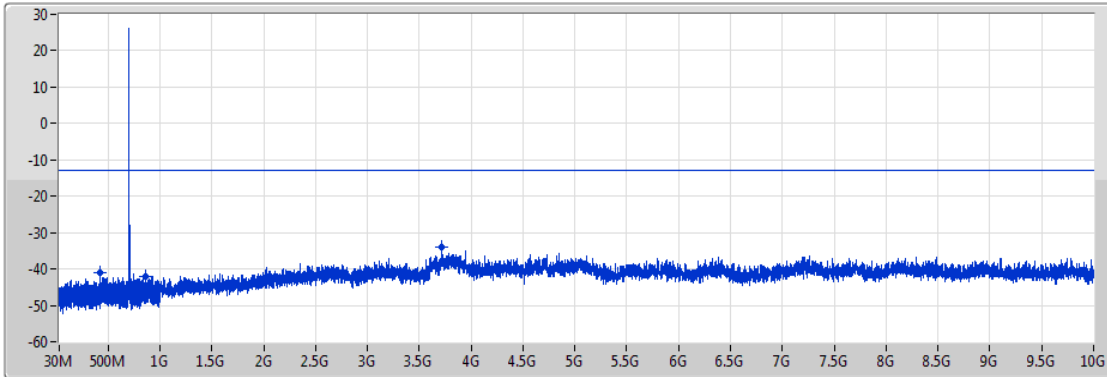



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 415.5M | -42.62 | -13.00 | -29.62 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 993.65M | -42.22 | -13.00 | -29.22 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 4.8223G | -34.70 | -13.00 | -21.70 | 1 | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

701.5MHz



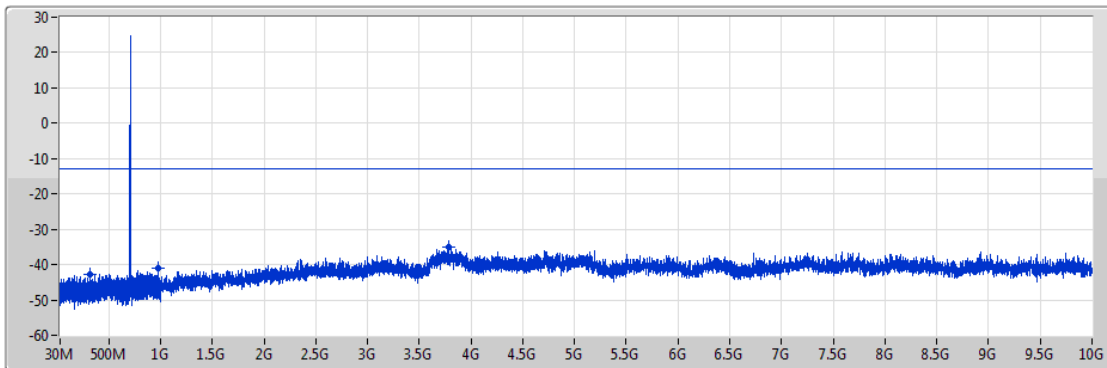
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 425.31M | -41.11 | -13.00 | -28.11 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 863.2M | -42.05 | -13.00 | -29.05 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7207G | -33.93 | -13.00 | -20.93 | 1 | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

707.5MHz

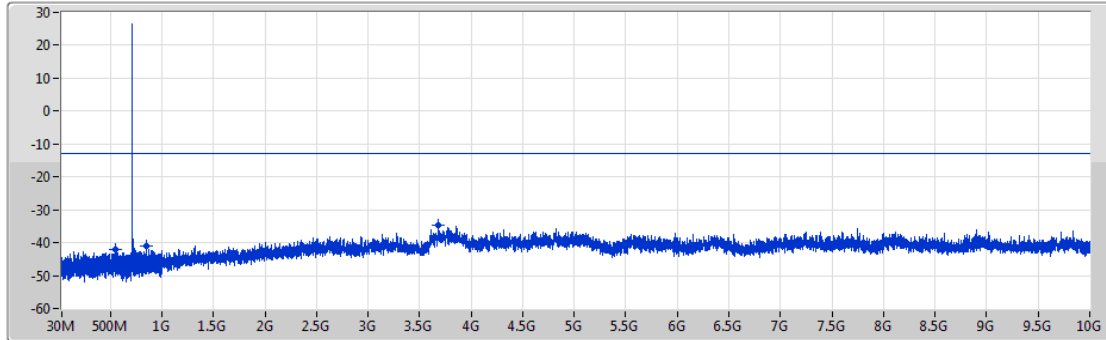



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 317.35M | -42.60 | -13.00 | -29.60 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 976.17M | -41.09 | -13.00 | -28.09 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7864G | -35.13 | -13.00 | -22.13 | 1 | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX
713.5MHz

CSE-TX-Port

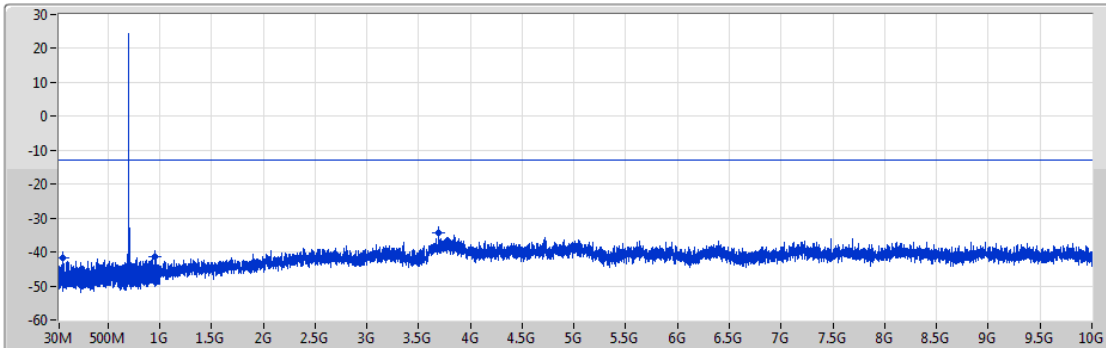



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 547.08M | -42.19 | -13.00 | -29.19 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 850.78M | -40.96 | -13.00 | -27.96 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.6829G | -34.78 | -13.00 | -21.78 | 1 | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz

CSE-TX-Port

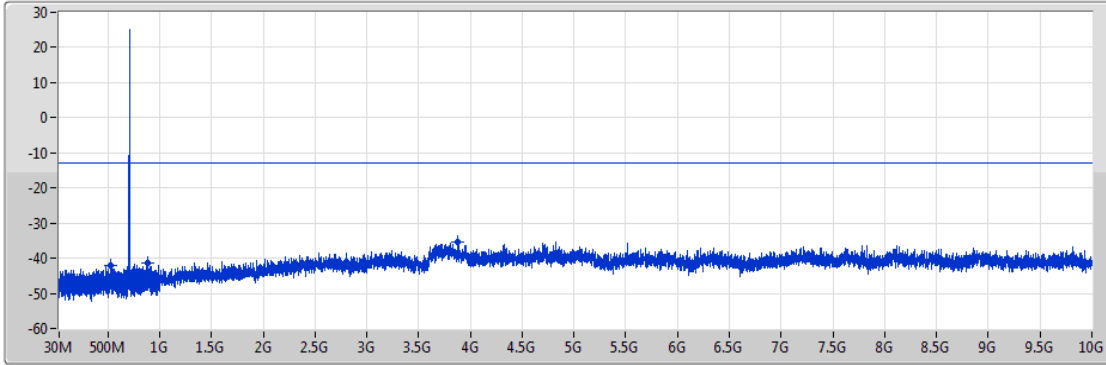


Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 59.73M | -41.74 | -13.00 | -28.74 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 957.59M | -41.53 | -13.00 | -28.53 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.6973G | -34.44 | -13.00 | -21.44 | 1 | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX
707.5MHz

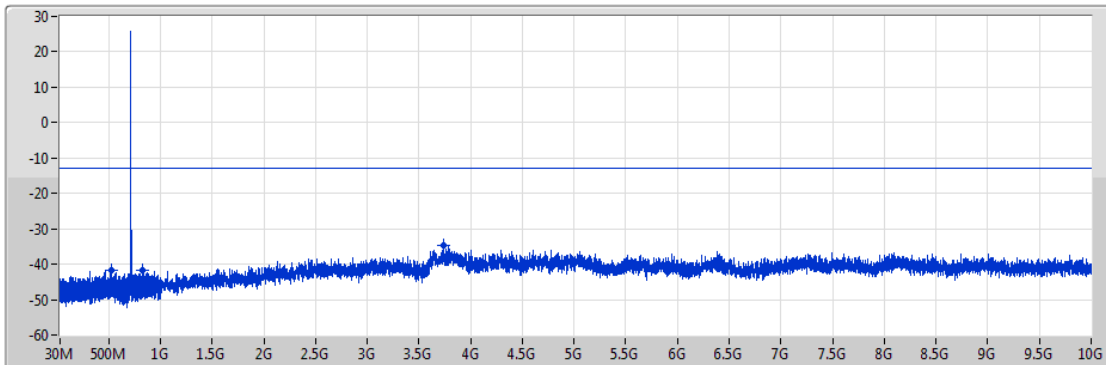
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 528.73M | -41.97 | -13.00 | -28.97 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 886.56M | -41.53 | -13.00 | -28.53 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8773G | -35.37 | -13.00 | -22.37 | 1 | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz

CSE-TX-Port

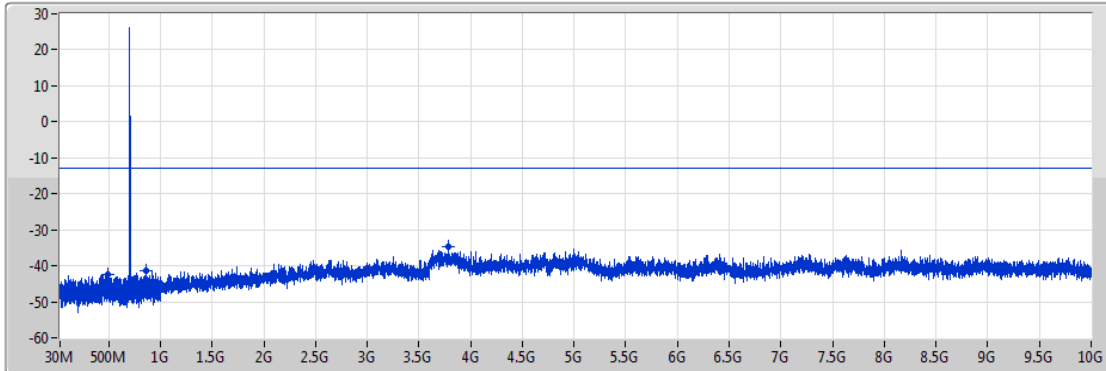



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 527.45M | -41.72 | -13.00 | -28.72 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 822.99M | -41.68 | -13.00 | -28.68 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7423G | -34.66 | -13.00 | -21.66 | 1 | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

704MHz



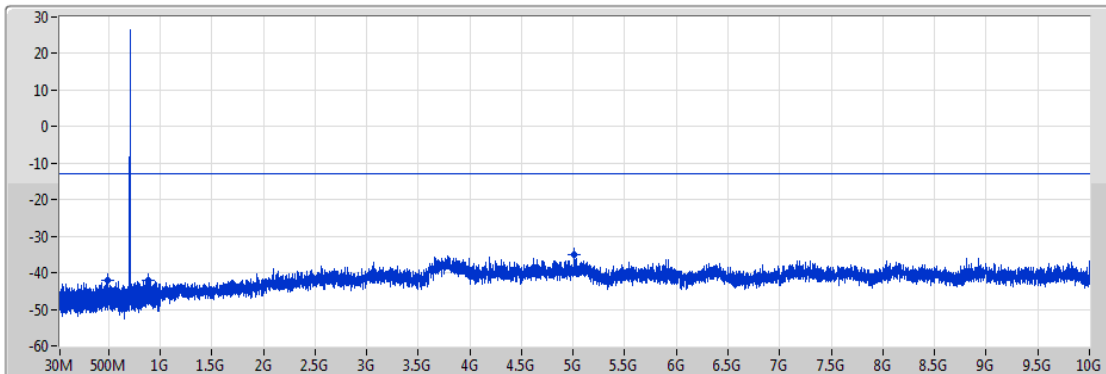
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 489.47M | -42.44 | -13.00 | -29.44 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 860.53M | -41.29 | -13.00 | -28.29 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7828G | -34.79 | -13.00 | -21.79 | 1 | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

707.5MHz



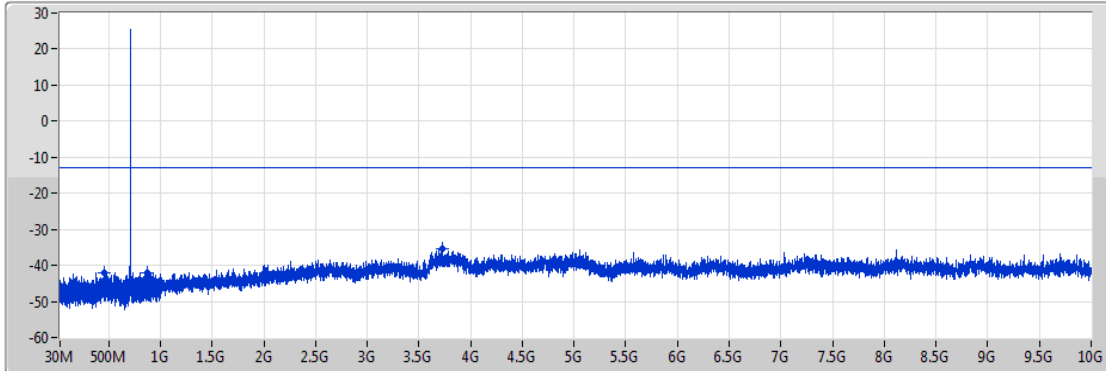
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 497.58M | -42.04 | -13.00 | -29.04 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 890.43M | -41.98 | -13.00 | -28.98 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 5.0122G | -34.87 | -13.00 | -21.87 | 1 | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

711MHz



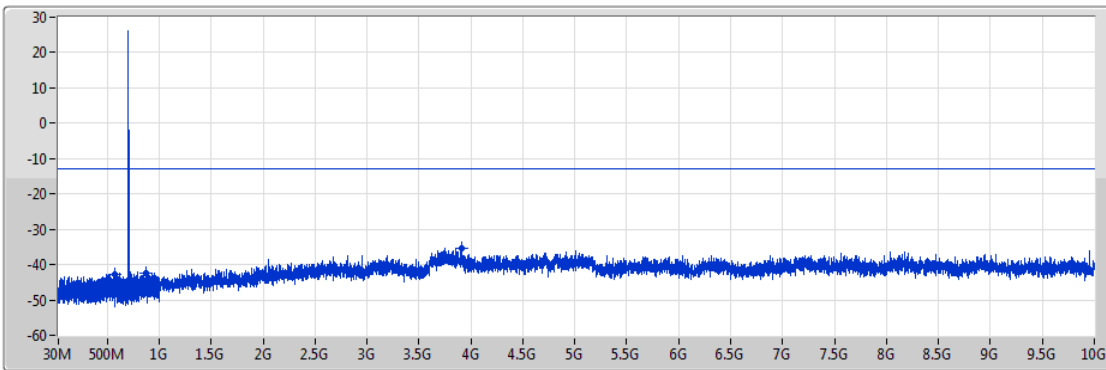
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 458.31M | -42.03 | -13.00 | -29.03 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 872.86M | -42.02 | -13.00 | -29.02 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7306G | -35.36 | -13.00 | -22.36 | 1 | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

704MHz



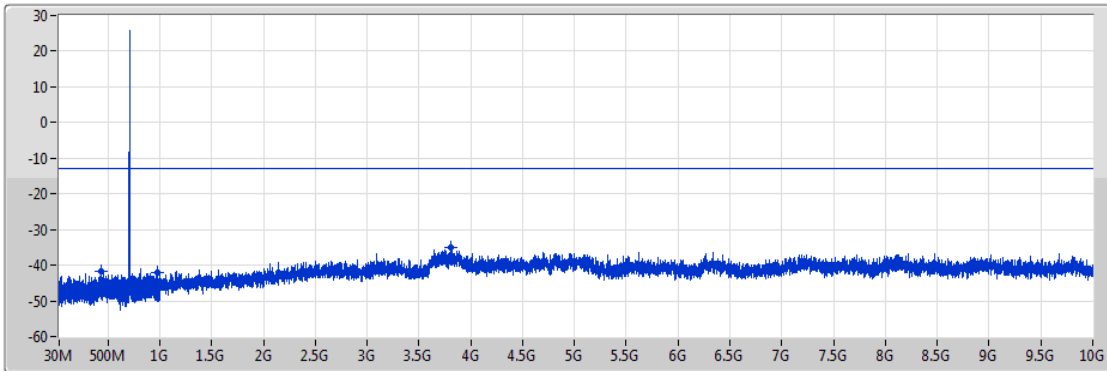
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 576.38M | -42.71 | -13.00 | -29.71 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 876.08M | -42.35 | -13.00 | -29.35 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.9061G | -35.35 | -13.00 | -22.35 | 1 | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

707.5MHz



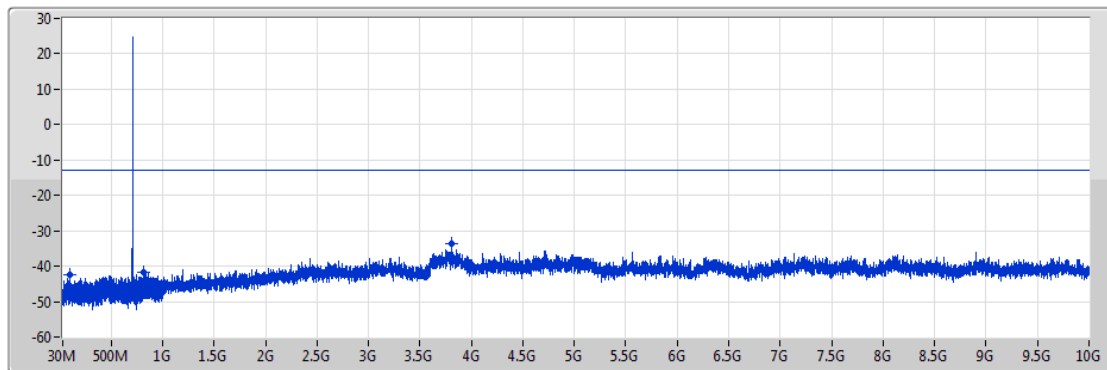
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 432.14M | -41.65 | -13.00 | -28.65 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 976.08M | -42.17 | -13.00 | -29.17 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8107G | -34.92 | -13.00 | -21.92 | 1 | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

711MHz



Port1 

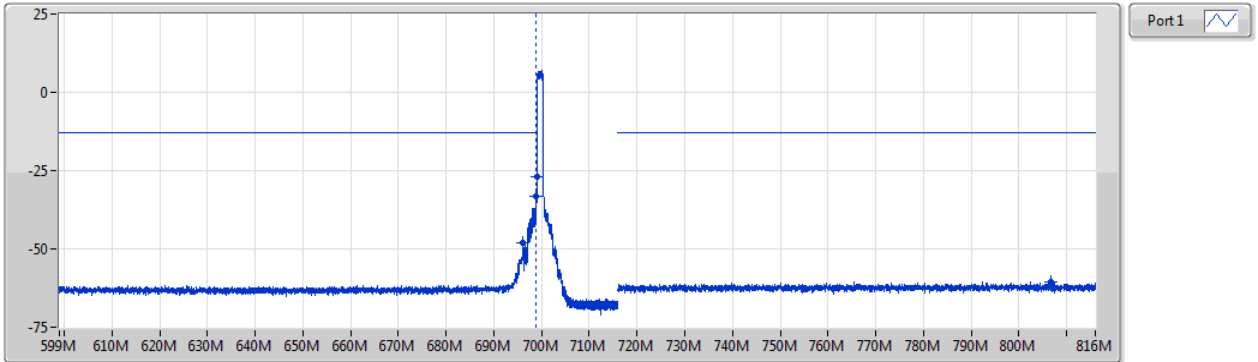
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 599M | 1M | 3M | Peak | 99.84M | -42.32 | -13.00 | -29.32 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 821.15M | -41.70 | -13.00 | -28.70 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8062G | -33.72 | -13.00 | -20.72 | 1 | - |

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Port | Remark | Ref.Limit (dB) |
|---------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|------|--------|-------------------|
| Band 12 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | Pass | 698.9M | 699M | 30k | 100k | RMS | 699M | -20.27 | -13.00 | -7.27 | 1 | - | - |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass | 716M | 716.1M | 30k | 100k | RMS | 716M | -19.31 | -13.00 | -6.31 | 1 | - | - |
| LTE_3MHz_Nss1,QPSK_1TX | Pass | 716M | 716.1M | 30k | 100k | RMS | 716M | -19.98 | -13.00 | -6.98 | 1 | - | - |
| LTE_3MHz_Nss1,16QAM_1TX | Pass | 716M | 716.1M | 30k | 100k | RMS | 716M | -20.62 | -13.00 | -7.62 | 1 | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 698.9M | 699M | 51k | 160k | RMS | 699M | -20.68 | -13.00 | -7.68 | 1 | - | - |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 698.9M | 699M | 51k | 160k | RMS | 699M | -21.41 | -13.00 | -8.41 | 1 | - | - |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 716M | 716.1M | 100k | 300k | RMS | 716M | -30.64 | -13.00 | -17.64 | 1 | - | - |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 716M | 716.1M | 100k | 300k | RMS | 716M | -28.38 | -13.00 | -15.38 | 1 | - | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
699.7MHz_QPSK_RB 6,#RB 0

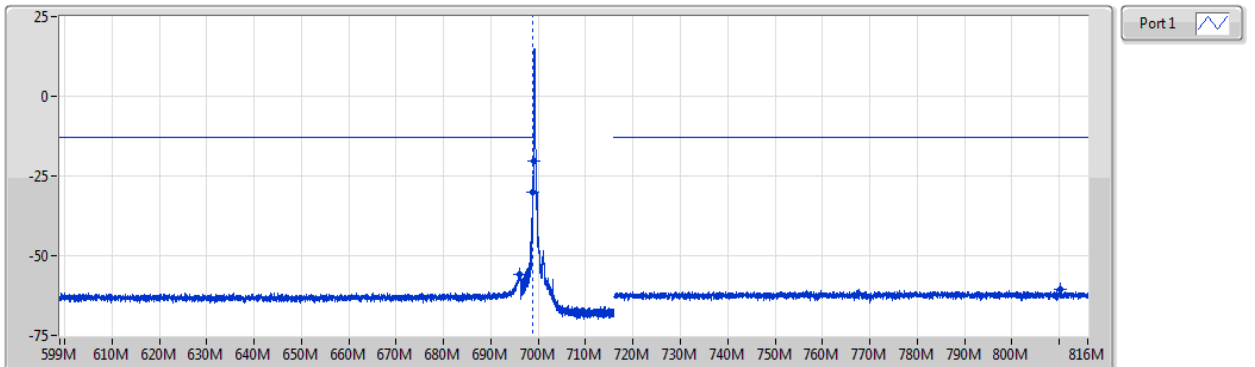
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 696.2M | 100k | 300k | RMS | 696.13M | -48.18 | -13.00 | -35.18 | 1 | - | - |
| 696.2M | 698.9M | 30k | 100k | RMS | 698.85M | -33.36 | -13.00 | -20.36 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -27.00 | -13.00 | -14.00 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 806.8M | -60.44 | -13.00 | -47.44 | 1 | - | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
699.7MHz_QPSK_RB 1,#RB 0

CSE-TX-Port

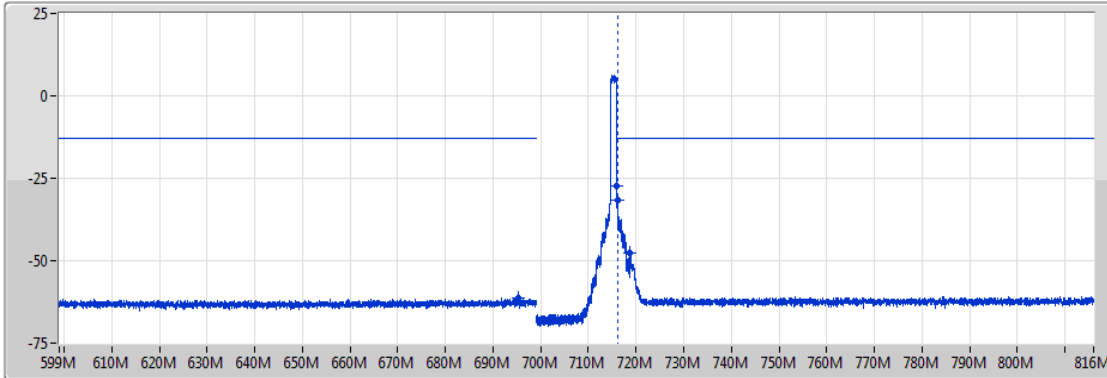



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 696.2M | 100k | 300k | RMS | 696.13M | -55.90 | -13.00 | -42.90 | 1 | - | - |
| 696.2M | 698.9M | 30k | 100k | RMS | 698.85M | -30.25 | -13.00 | -17.25 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -20.27 | -13.00 | -7.27 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 810.3M | -60.48 | -13.00 | -47.48 | 1 | - | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Port

715.3MHz_QPSK_RB 6,#RB 0



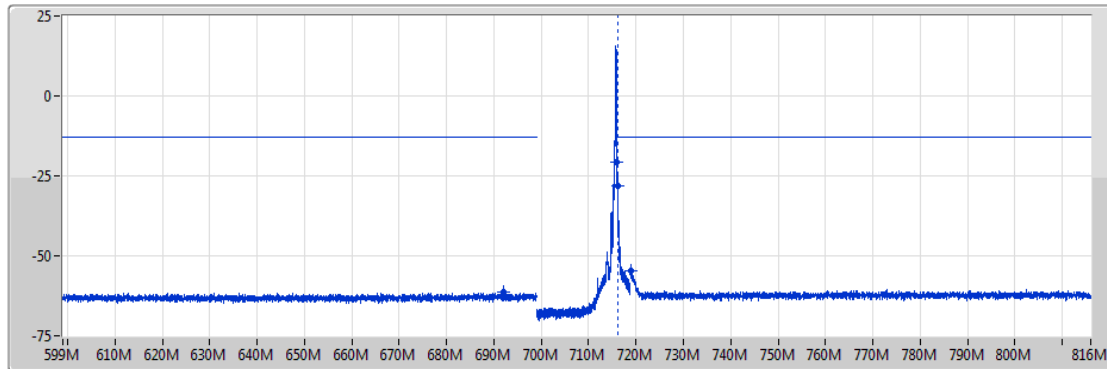
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 695.38M | -61.40 | -13.00 | -48.40 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -27.44 | -13.00 | -14.44 | 1 | - |
| 716.1M | 718.8M | 30k | 100k | RMS | 716.15M | -31.50 | -13.00 | -18.50 | 1 | MBW 100k |
| 718.8M | 816M | 100k | 300k | RMS | 718.8M | -47.57 | -13.00 | -34.57 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Port

715.3MHz_QPSK_RB 1,#RB 5

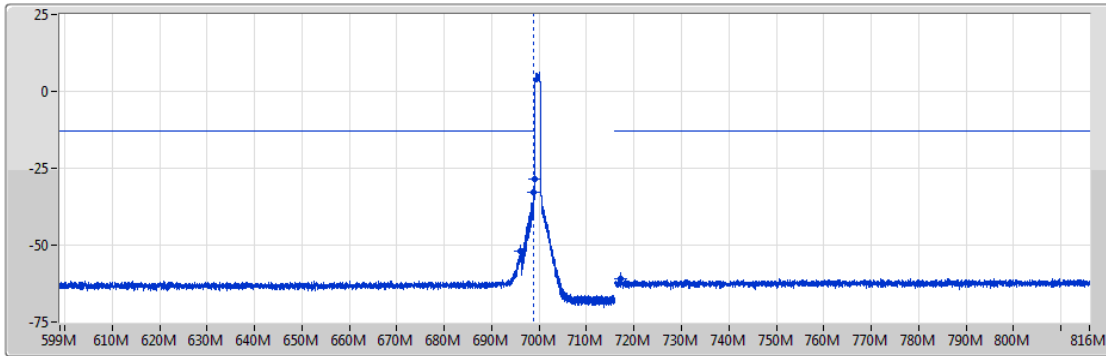


Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 691.95M | -61.43 | -13.00 | -48.43 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -20.56 | -13.00 | -7.56 | 1 | - |
| 716.1M | 718.8M | 30k | 100k | RMS | 716.15M | -27.95 | -13.00 | -14.95 | 1 | MBW 100k |
| 718.8M | 816M | 100k | 300k | RMS | 718.9M | -54.65 | -13.00 | -41.65 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
699.7MHz_16QAM_RB 6,#RB 0

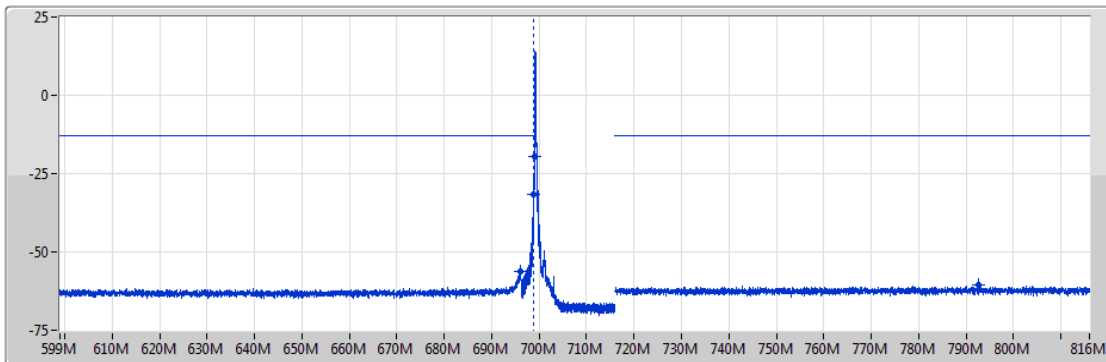
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 696.2M | 100k | 300k | RMS | 696.15M | -51.82 | -13.00 | -38.82 | 1 | - | - |
| 696.2M | 698.9M | 30k | 100k | RMS | 698.85M | -32.62 | -13.00 | -19.62 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -28.51 | -13.00 | -15.51 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 717.23M | -60.77 | -13.00 | -47.77 | 1 | - | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
699.7MHz_16QAM_RB 1,#RB 0

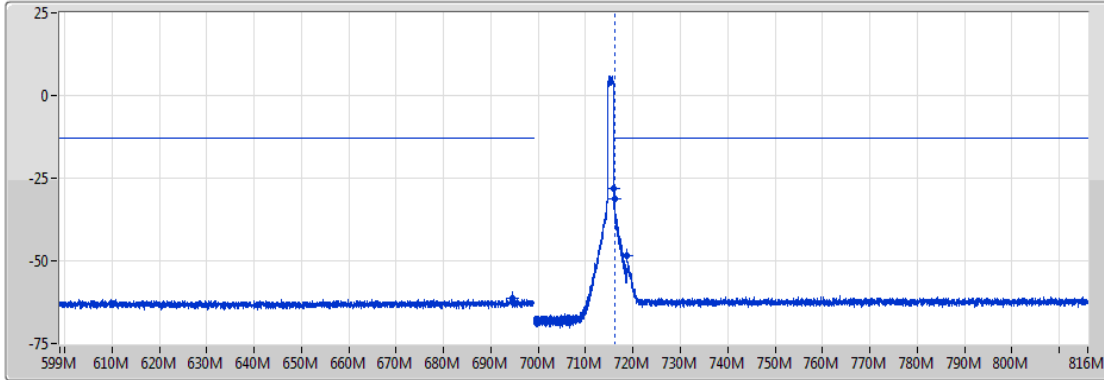
CSE-TX-Port




| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 696.2M | 100k | 300k | RMS | 696.15M | -56.40 | -13.00 | -43.40 | 1 | - | - |
| 696.2M | 698.9M | 30k | 100k | RMS | 698.85M | -31.80 | -13.00 | -18.80 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -19.40 | -13.00 | -6.40 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 792.58M | -60.51 | -13.00 | -47.51 | 1 | - | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz_16QAM_RB 6,#RB 0

CSE-TX-Port

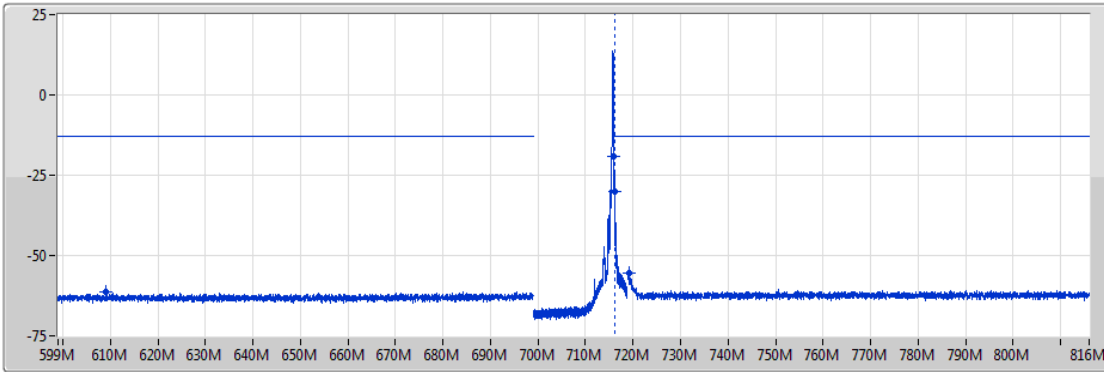



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 694.43M | -61.49 | -13.00 | -48.49 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -28.00 | -13.00 | -15.00 | 1 | - |
| 716.1M | 718.8M | 30k | 100k | RMS | 716.15M | -31.19 | -13.00 | -18.19 | 1 | MBW 100k |
| 718.8M | 816M | 100k | 300k | RMS | 718.8M | -48.27 | -13.00 | -35.27 | 1 | - |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz_16QAM_RB 1,#RB 5

CSE-TX-Port

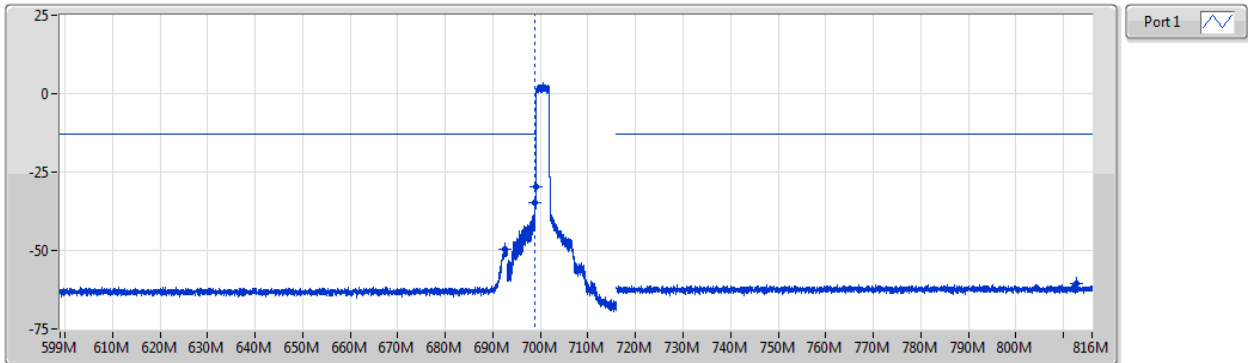


Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 609.13M | -61.44 | -13.00 | -48.44 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -19.31 | -13.00 | -6.31 | 1 | - |
| 716.1M | 718.8M | 30k | 100k | RMS | 716.15M | -30.01 | -13.00 | -17.01 | 1 | MBW 100k |
| 718.8M | 816M | 100k | 300k | RMS | 719.07M | -55.36 | -13.00 | -42.36 | 1 | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX
700.5MHz_QPSK_RB 15,#RB 0

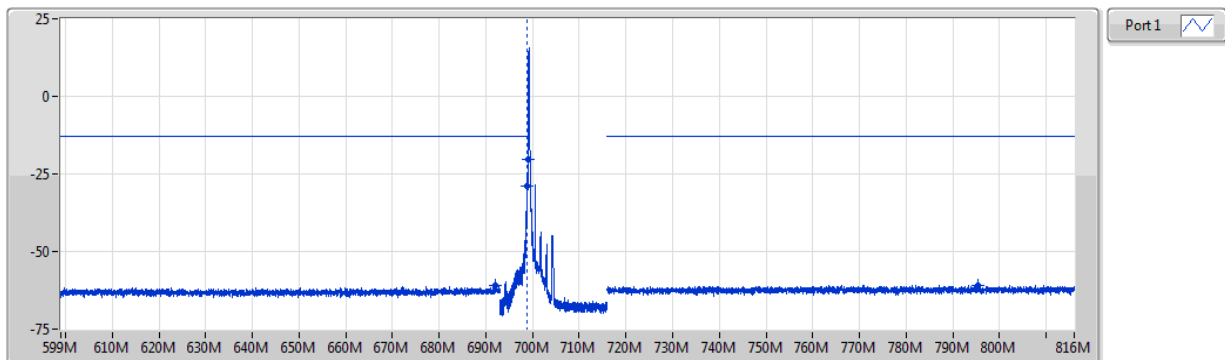
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 693M | 100k | 300k | RMS | 692.55M | -49.44 | -13.00 | -36.44 | 1 | - | - |
| 693M | 698.9M | 30k | 100k | RMS | 698.85M | -34.87 | -13.00 | -21.87 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -29.55 | -13.00 | -16.55 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 812.8M | -60.69 | -13.00 | -47.69 | 1 | - | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX
700.5MHz_QPSK_RB 1,#RB 0

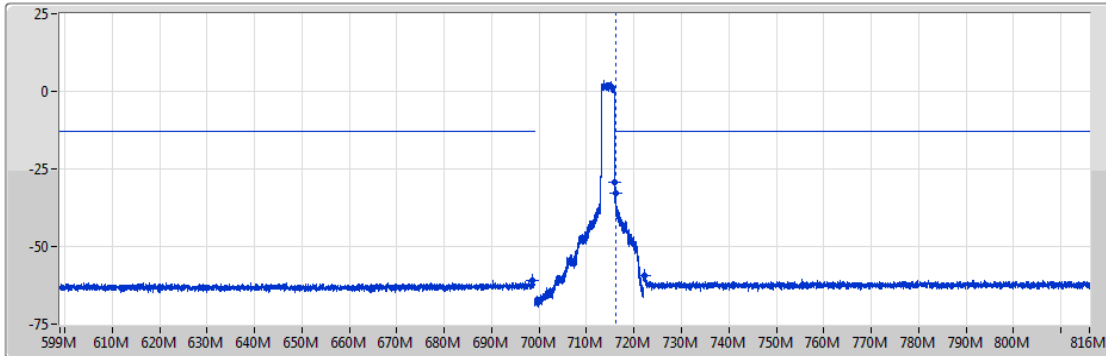
CSE-TX-Port




| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 693M | 100k | 300k | RMS | 692.06M | -61.11 | -13.00 | -48.11 | 1 | - | - |
| 693M | 698.9M | 30k | 100k | RMS | 698.85M | -28.91 | -13.00 | -15.91 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -20.39 | -13.00 | -7.39 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 795.28M | -60.76 | -13.00 | -47.76 | 1 | - | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX
714.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Port

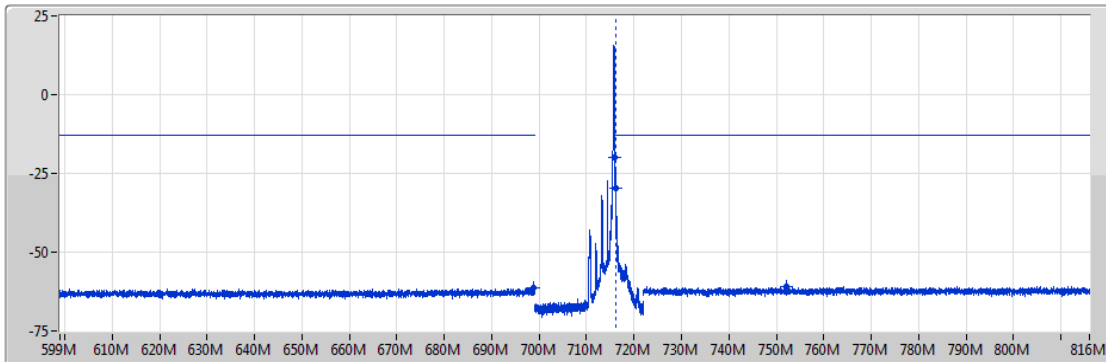



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.45M | -60.92 | -13.00 | -47.92 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -29.26 | -13.00 | -16.26 | 1 | - |
| 716.1M | 722M | 30k | 100k | RMS | 716.15M | -32.79 | -13.00 | -19.79 | 1 | MBW 100k |
| 722M | 816M | 100k | 300k | RMS | 722.19M | -59.46 | -13.00 | -46.46 | 1 | - |

Band 12_LTE_3MHz_Nss1,QPSK_1TX
714.5MHz_QPSK_RB 1,#RB 14

CSE-TX-Port



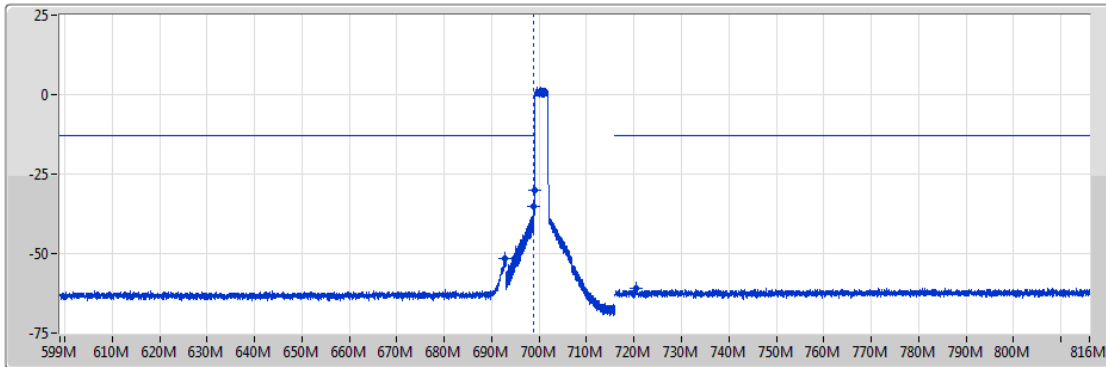
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.95M | -61.45 | -13.00 | -48.45 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -19.98 | -13.00 | -6.98 | 1 | - |
| 716.1M | 722M | 30k | 100k | RMS | 716.15M | -29.68 | -13.00 | -16.68 | 1 | MBW 100k |
| 722M | 816M | 100k | 300k | RMS | 752.22M | -60.77 | -13.00 | -47.77 | 1 | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX

CSE-TX-Port

700.5MHz_16QAM_RB 15,#RB 0



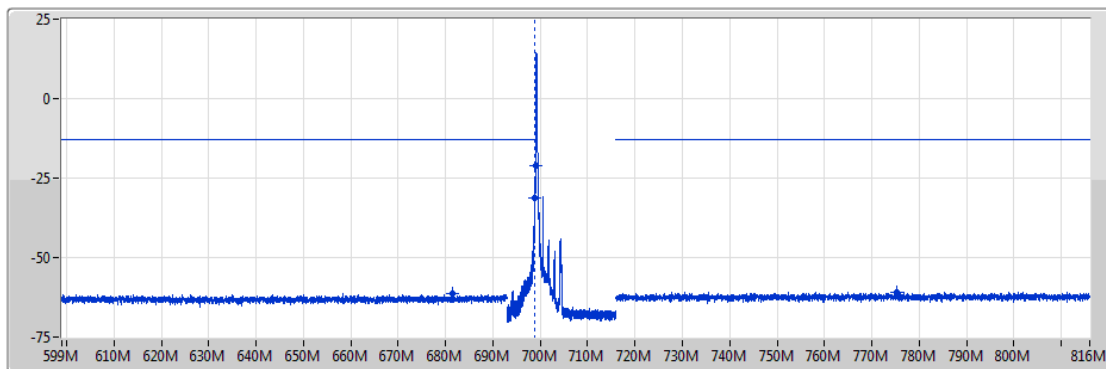
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 693M | 100k | 300k | RMS | 692.88M | -51.69 | -13.00 | -38.69 | 1 | - | - |
| 693M | 698.9M | 30k | 100k | RMS | 698.85M | -34.99 | -13.00 | -21.99 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -30.22 | -13.00 | -17.22 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 720.35M | -60.81 | -13.00 | -47.81 | 1 | - | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX

CSE-TX-Port

700.5MHz_16QAM_RB 1,#RB 0

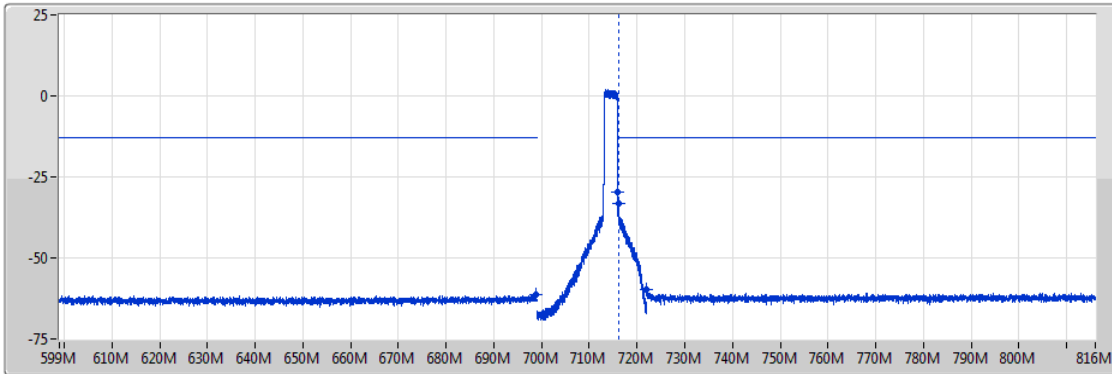



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 693M | 100k | 300k | RMS | 681.53M | -61.43 | -13.00 | -48.43 | 1 | - | - |
| 693M | 698.9M | 30k | 100k | RMS | 698.85M | -31.44 | -13.00 | -18.44 | 1 | MBW 100k | - |
| 698.9M | 699M | 30k | 100k | RMS | 699M | -21.11 | -13.00 | -8.11 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 775.2M | -60.89 | -13.00 | -47.89 | 1 | - | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Port

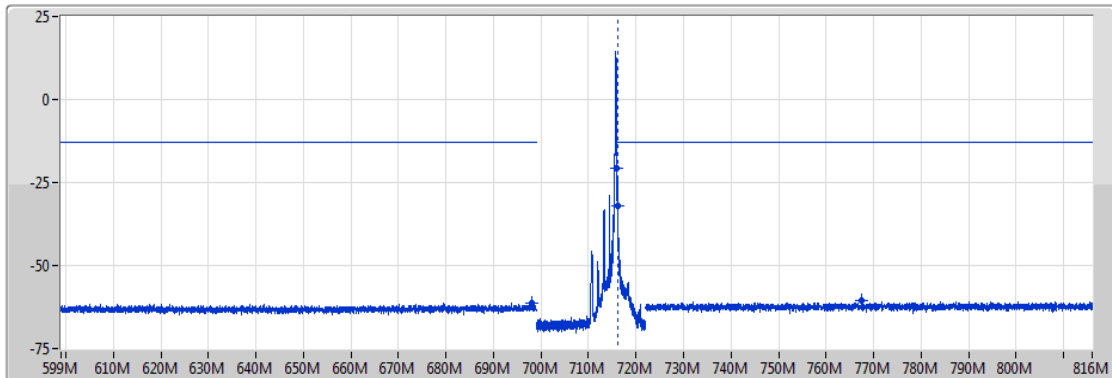



Port 1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.85M | -61.43 | -13.00 | -48.43 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -29.80 | -13.00 | -16.80 | 1 | - |
| 716.1M | 722M | 30k | 100k | RMS | 716.15M | -33.30 | -13.00 | -20.30 | 1 | MBW 100k |
| 722M | 816M | 100k | 300k | RMS | 722M | -59.77 | -13.00 | -46.77 | 1 | - |

Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz_16QAM_RB 1,#RB 14

CSE-TX-Port



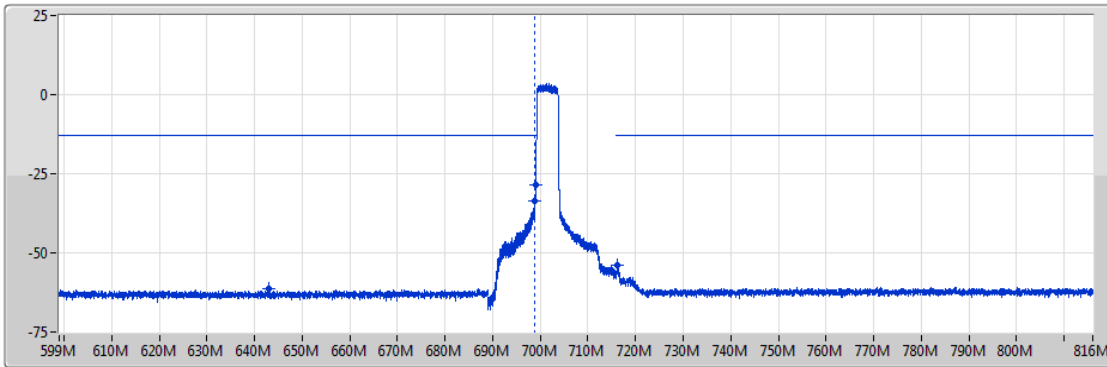
Port 1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.03M | -61.29 | -13.00 | -48.29 | 1 | - |
| 716M | 716.1M | 30k | 100k | RMS | 716M | -20.62 | -13.00 | -7.62 | 1 | - |
| 716.1M | 722M | 30k | 100k | RMS | 716.15M | -32.18 | -13.00 | -19.18 | 1 | MBW 100k |
| 722M | 816M | 100k | 300k | RMS | 767.47M | -60.71 | -13.00 | -47.71 | 1 | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

701.5MHz_QPSK_RB 25,#RB 0



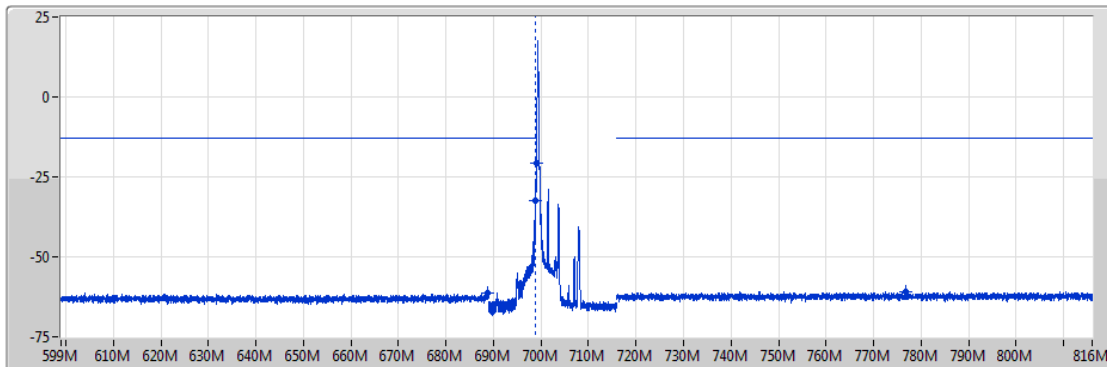
Port 1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 689M | 100k | 300k | RMS | 643.08M | -61.43 | -13.00 | -48.43 | 1 | - | - |
| 689M | 698.9M | 51k | 160k | RMS | 698.85M | -33.69 | -13.00 | -20.69 | 1 | MBW 100k | - |
| 698.9M | 699M | 51k | 160k | RMS | 699M | -28.69 | -13.00 | -15.69 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.08M | -53.79 | -13.00 | -40.79 | 1 | - | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

701.5MHz_QPSK_RB 1,#RB 0



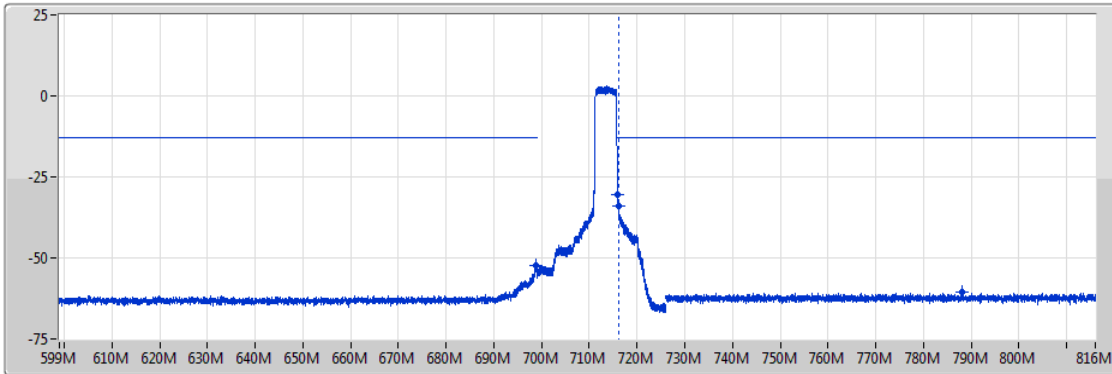
Port 1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 689M | 100k | 300k | RMS | 688.8M | -61.20 | -13.00 | -48.20 | 1 | - | - |
| 689M | 698.9M | 51k | 160k | RMS | 698.85M | -32.45 | -13.00 | -19.45 | 1 | MBW 100k | - |
| 698.9M | 699M | 51k | 160k | RMS | 699M | -20.68 | -13.00 | -7.68 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 776.73M | -60.86 | -13.00 | -47.86 | 1 | - | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

713.5MHz_QPSK_RB 25,#RB 0



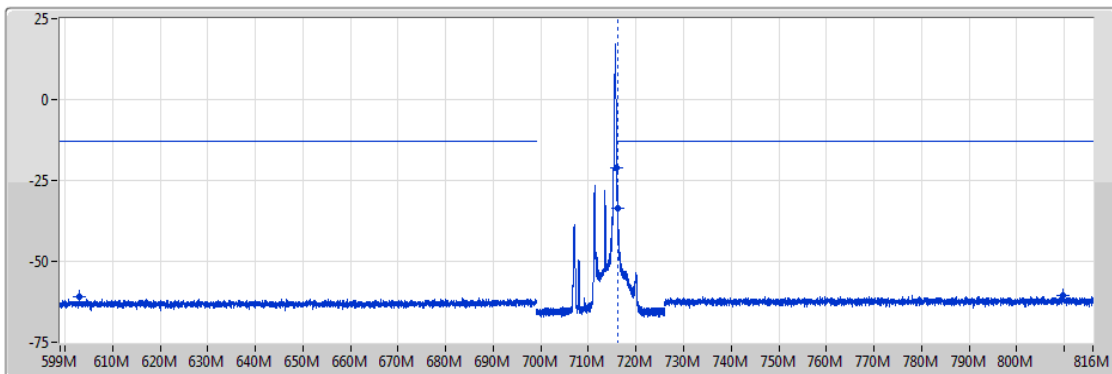
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.78M | -52.42 | -13.00 | -39.42 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -30.54 | -13.00 | -17.54 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.15M | -33.96 | -13.00 | -20.96 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 788.01M | -60.68 | -13.00 | -47.68 | 1 | - |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

713.5MHz_QPSK_RB 1,#RB 24

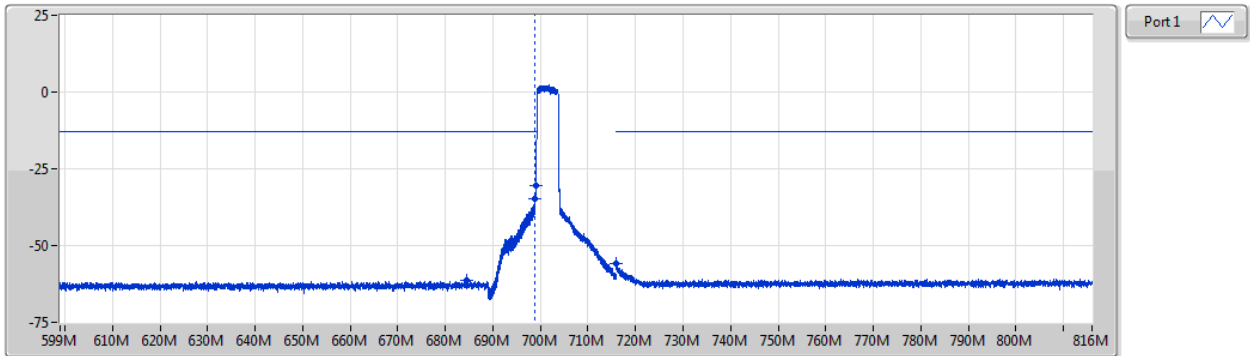


Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 603.1M | -60.94 | -13.00 | -47.94 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -21.18 | -13.00 | -8.18 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.15M | -33.42 | -13.00 | -20.42 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 809.79M | -60.43 | -13.00 | -47.43 | 1 | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz_16QAM_RB 25,#RB 0

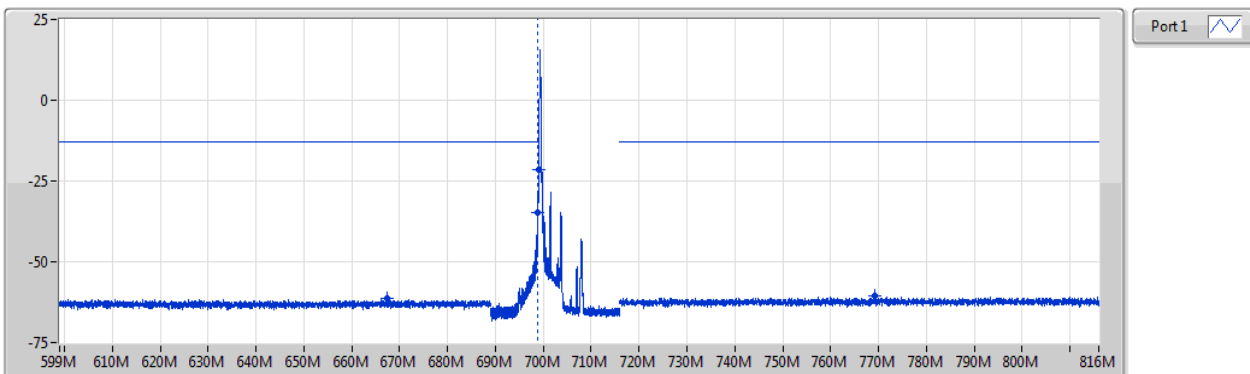
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 689M | 100k | 300k | RMS | 684.43M | -61.50 | -13.00 | -48.50 | 1 | - | - |
| 689M | 698.9M | 51k | 160k | RMS | 698.85M | -34.63 | -13.00 | -21.63 | 1 | MBW 100k | - |
| 698.9M | 699M | 51k | 160k | RMS | 699M | -30.58 | -13.00 | -17.58 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716M | -55.77 | -13.00 | -42.77 | 1 | - | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz_16QAM_RB 1,#RB 0

CSE-TX-Port

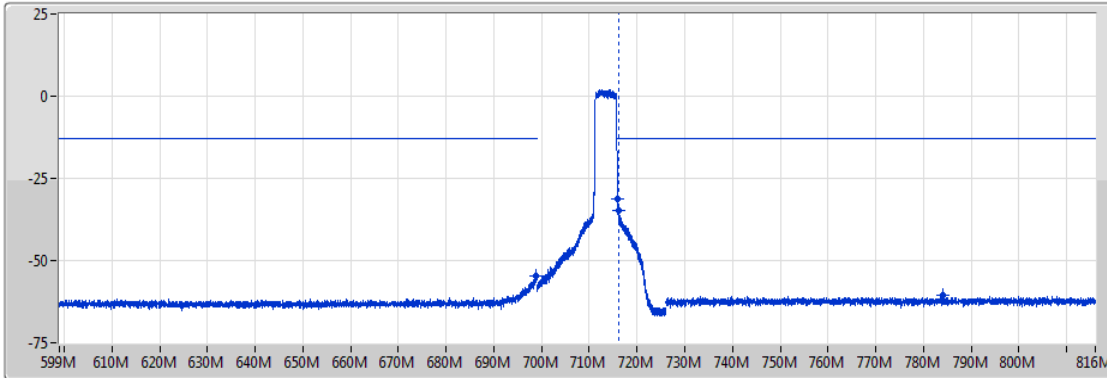


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 689M | 100k | 300k | RMS | 667.36M | -61.32 | -13.00 | -48.32 | 1 | - | - |
| 689M | 698.9M | 51k | 160k | RMS | 698.85M | -34.77 | -13.00 | -21.77 | 1 | MBW 100k | - |
| 698.9M | 699M | 51k | 160k | RMS | 699M | -21.41 | -13.00 | -8.41 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 769.33M | -60.74 | -13.00 | -47.74 | 1 | - | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

713.5MHz_16QAM_RB 25,#RB 0

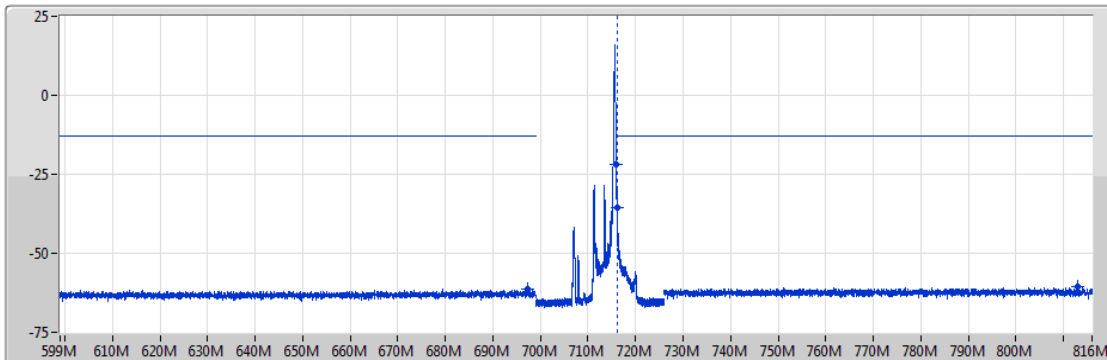


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.95M | -54.69 | -13.00 | -41.69 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -31.38 | -13.00 | -18.38 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.25M | -34.85 | -13.00 | -21.85 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 784.07M | -60.43 | -13.00 | -47.43 | 1 | - |

Band 12_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

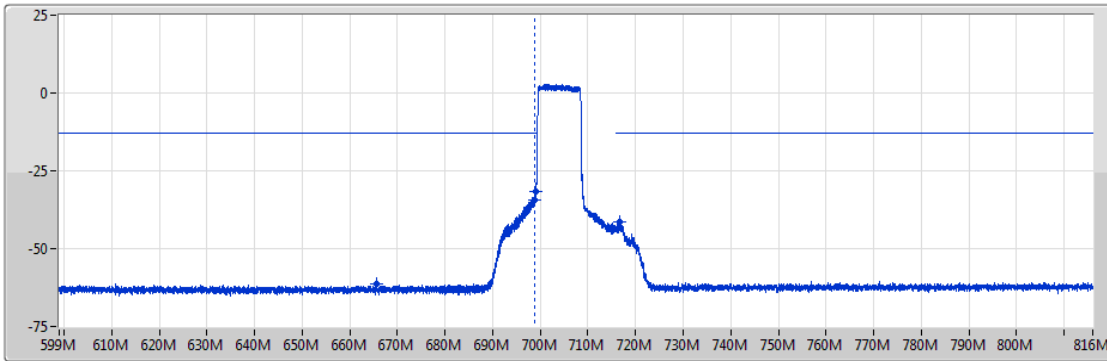
713.5MHz_16QAM_RB 1,#RB 24



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 697.23M | -61.43 | -13.00 | -48.43 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -22.00 | -13.00 | -9.00 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.15M | -35.65 | -13.00 | -22.65 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 812.87M | -60.72 | -13.00 | -47.72 | 1 | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX
704MHz_QPSK_RB 50,#RB 0

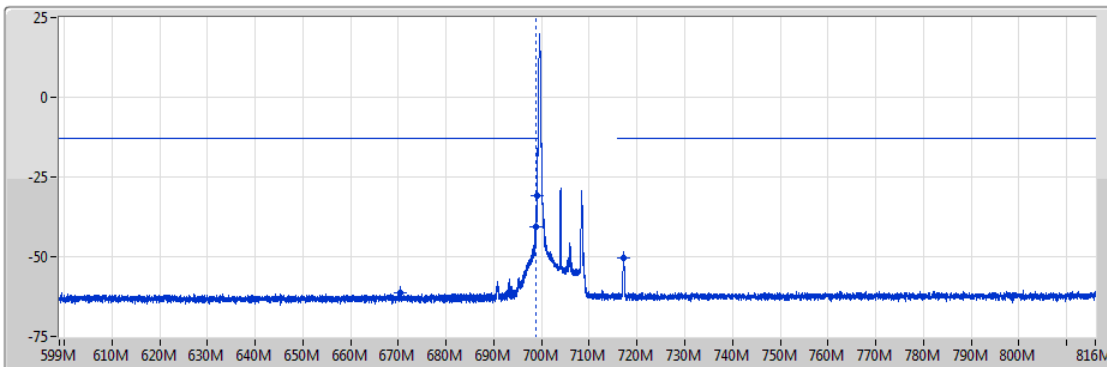
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 679M | 100k | 300k | RMS | 665.56M | -61.35 | -13.00 | -48.35 | 1 | - | - |
| 679M | 698.9M | 100k | 300k | RMS | 698.85M | -34.51 | -13.00 | -21.51 | 1 | MBW 100k | - |
| 698.9M | 699M | 100k | 300k | RMS | 699M | -31.83 | -13.00 | -18.83 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.8M | -41.47 | -13.00 | -28.47 | 1 | - | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX
704MHz_QPSK_RB 1,#RB 0

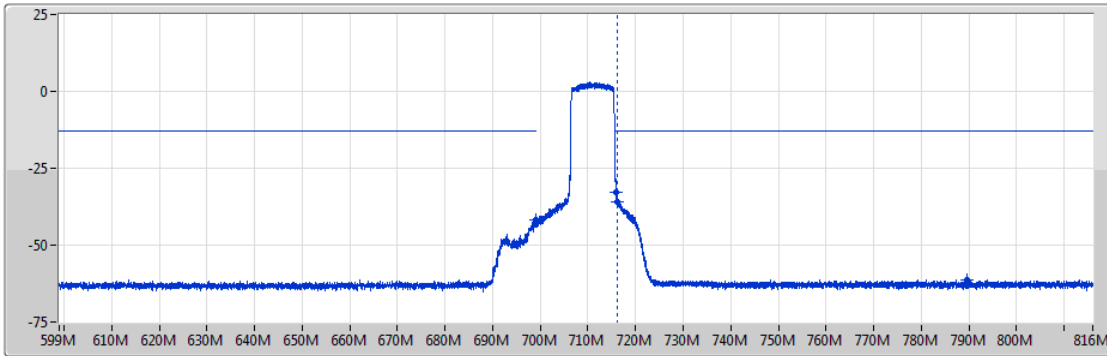
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 679M | 100k | 300k | RMS | 670.48M | -61.37 | -13.00 | -48.37 | 1 | - | - |
| 679M | 698.9M | 100k | 300k | RMS | 698.85M | -40.53 | -13.00 | -27.53 | 1 | MBW 100k | - |
| 698.9M | 699M | 100k | 300k | RMS | 699M | -30.80 | -13.00 | -17.80 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 717.23M | -50.53 | -13.00 | -37.53 | 1 | - | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX
711MHz_QPSK_RB 50,#RB 0

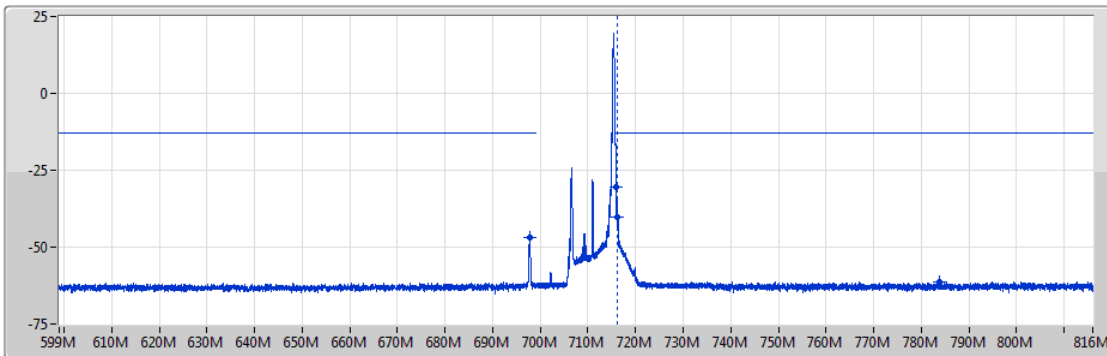
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 699M | -41.77 | -13.00 | -28.77 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -32.74 | -13.00 | -19.74 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -36.07 | -13.00 | -23.07 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 789.72M | -61.35 | -13.00 | -48.35 | 1 | - |

Band 12_LTE_10MHz_Nss1,QPSK_1TX
711MHz_QPSK_RB 1,#RB 49

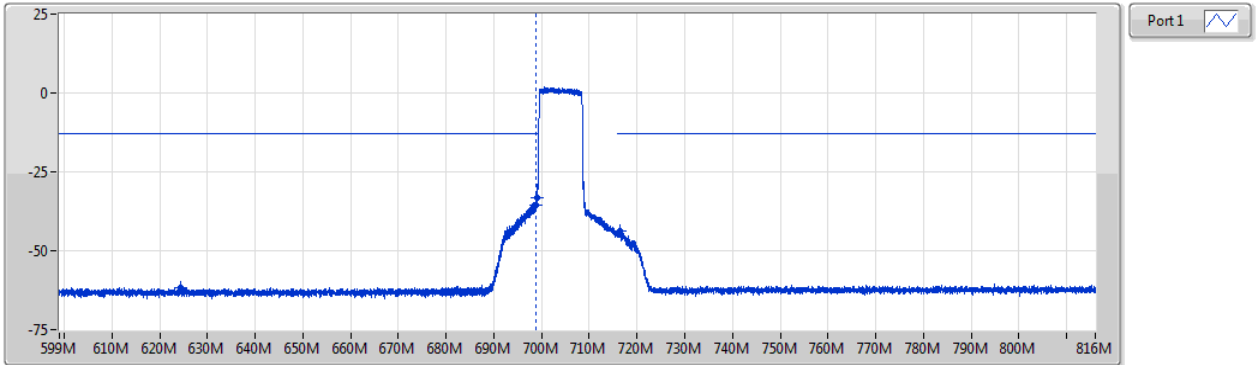
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 697.73M | -46.76 | -13.00 | -33.76 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -30.64 | -13.00 | -17.64 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -40.10 | -13.00 | -27.10 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 783.82M | -61.15 | -13.00 | -48.15 | 1 | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX
704MHz_16QAM_RB 50,#RB 0

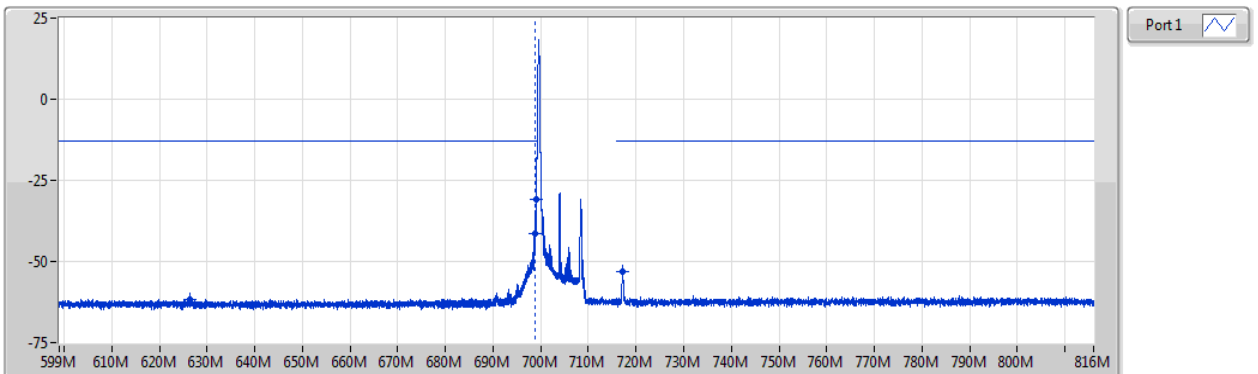
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 679M | 100k | 300k | RMS | 624.44M | -61.61 | -13.00 | -48.61 | 1 | - | - |
| 679M | 698.9M | 100k | 300k | RMS | 698.85M | -35.60 | -13.00 | -22.60 | 1 | MBW 100k | - |
| 698.9M | 699M | 100k | 300k | RMS | 699M | -33.05 | -13.00 | -20.05 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.53M | -43.62 | -13.00 | -30.62 | 1 | - | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX
704MHz_16QAM_RB 1,#RB 0

CSE-TX-Port

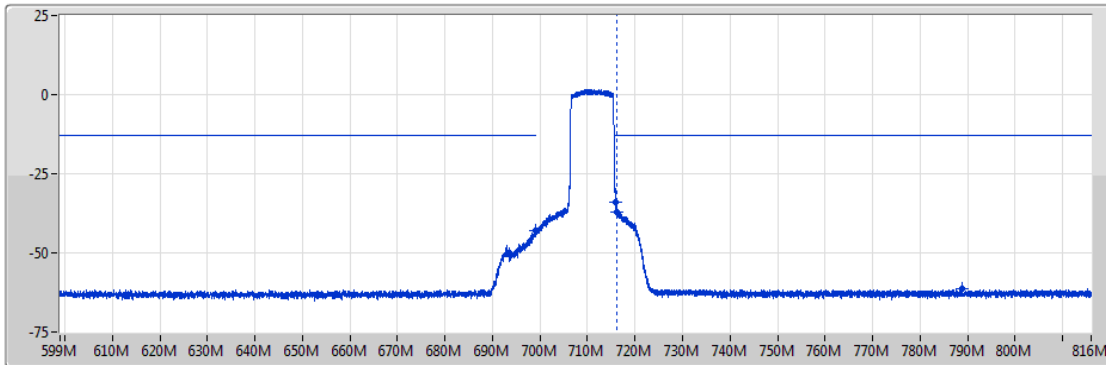


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 599M | 679M | 100k | 300k | RMS | 626.3M | -61.58 | -13.00 | -48.58 | 1 | - | - |
| 679M | 698.9M | 100k | 300k | RMS | 698.85M | -41.37 | -13.00 | -28.37 | 1 | MBW 100k | - |
| 698.9M | 699M | 100k | 300k | RMS | 699M | -31.01 | -13.00 | -18.01 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 717.2M | -53.15 | -13.00 | -40.15 | 1 | - | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

711MHz_16QAM_RB 50,#RB 0

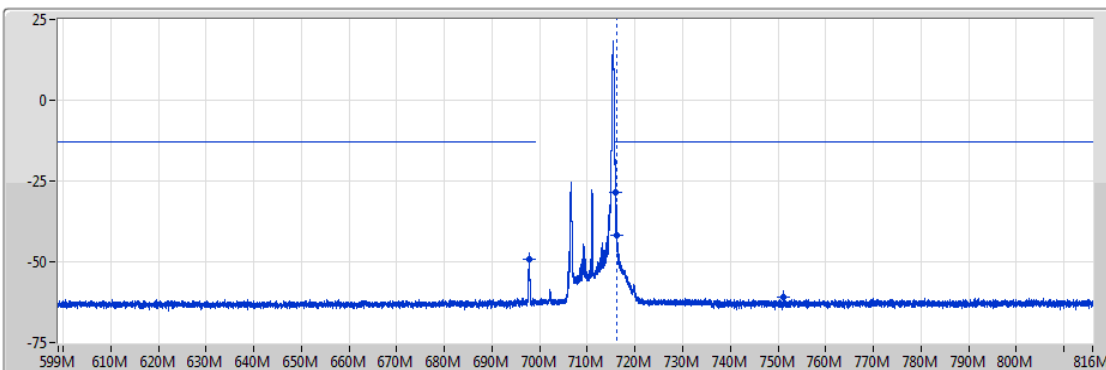


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 698.98M | -43.12 | -13.00 | -30.12 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -34.11 | -13.00 | -21.11 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -37.01 | -13.00 | -24.01 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 788.8M | -61.36 | -13.00 | -48.36 | 1 | - |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

711MHz_16QAM_RB 1,#RB 49



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 599M | 699M | 100k | 300k | RMS | 697.75M | -49.40 | -13.00 | -36.40 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -28.38 | -13.00 | -15.38 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -41.74 | -13.00 | -28.74 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 751.24M | -61.12 | -13.00 | -48.12 | 1 | - |

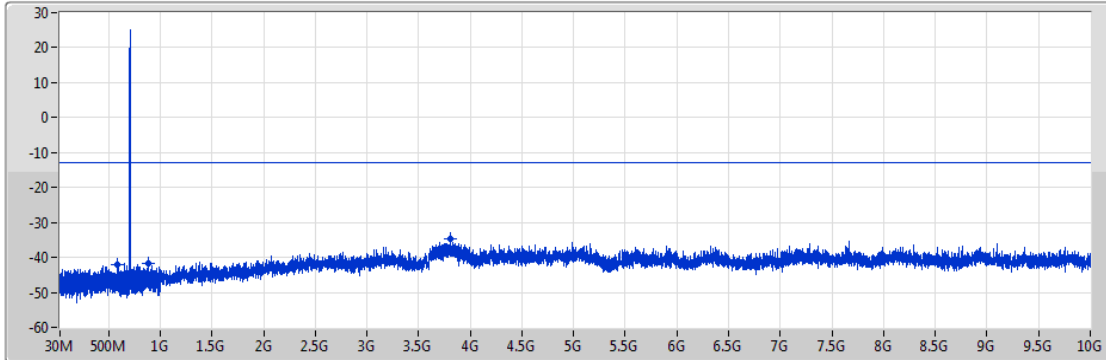
Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Port | Remark | Ref.Limit (dB) |
|--------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|------|--------|-------------------|
| Band 17 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.8071G | -34.77 | -13.00 | -21.77 | 1 | - | - |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.7594G | -34.56 | -13.00 | -21.56 | 1 | - | - |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.7378G | -33.72 | -13.00 | -20.72 | 1 | - | - |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 1G | 10G | 1M | 3M | Peak | 3.6964G | -34.86 | -13.00 | -21.86 | 1 | - | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

706.5MHz

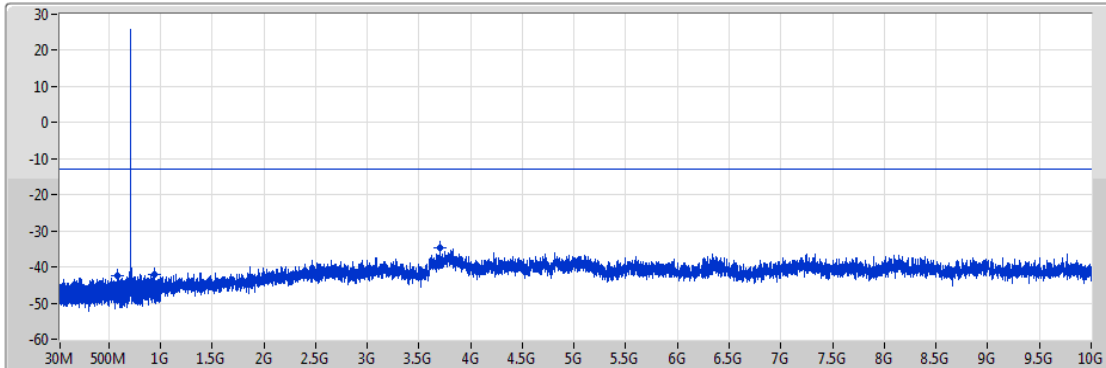


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 587.64M | -42.19 | -13.00 | -29.19 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 888.4M | -41.72 | -13.00 | -28.72 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8071G | -34.77 | -13.00 | -21.77 | 1 | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

710MHz

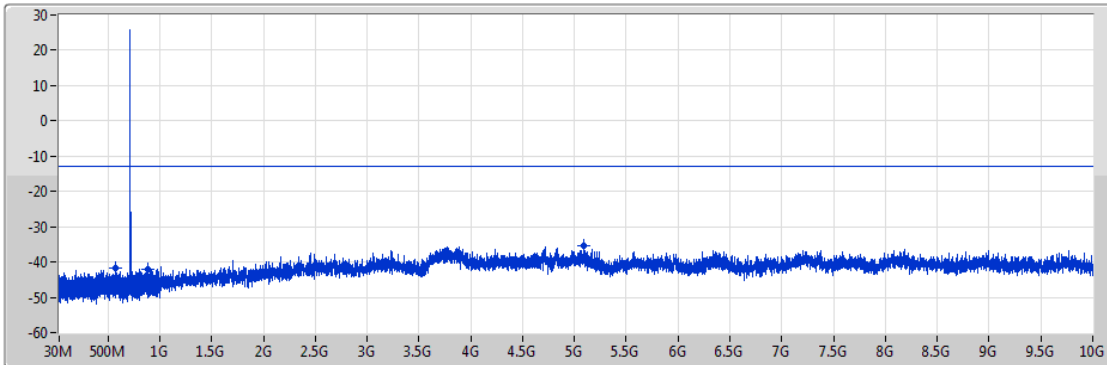


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 585.2M | -42.58 | -13.00 | -29.58 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 948.02M | -42.16 | -13.00 | -29.16 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7054G | -34.86 | -13.00 | -21.86 | 1 | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

713.5MHz

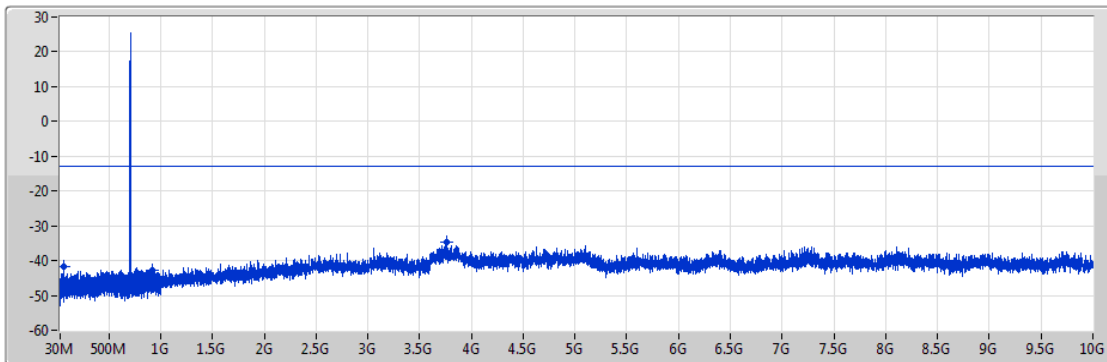


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 573.72M | -41.85 | -13.00 | -28.85 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 889.88M | -42.14 | -13.00 | -29.14 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 5.0905G | -35.54 | -13.00 | -22.54 | 1 | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

706.5MHz

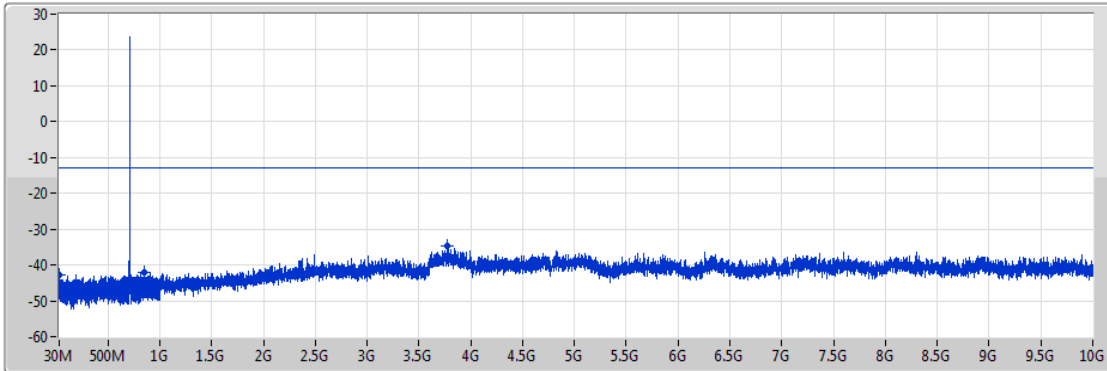



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 63.44M | -41.73 | -13.00 | -28.73 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 914.35M | -42.66 | -13.00 | -29.66 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7594G | -34.56 | -13.00 | -21.56 | 1 | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

710MHz



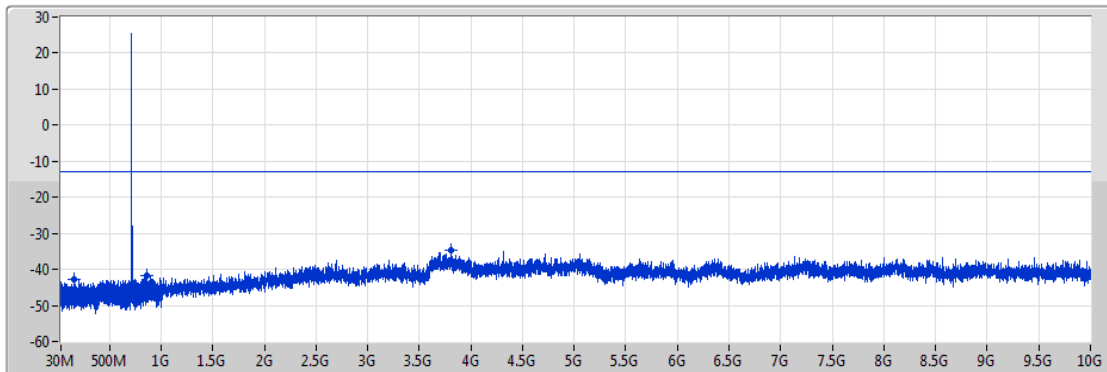
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 32.15M | -42.72 | -13.00 | -29.72 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 849.03M | -42.13 | -13.00 | -29.13 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7738G | -34.84 | -13.00 | -21.84 | 1 | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

713.5MHz



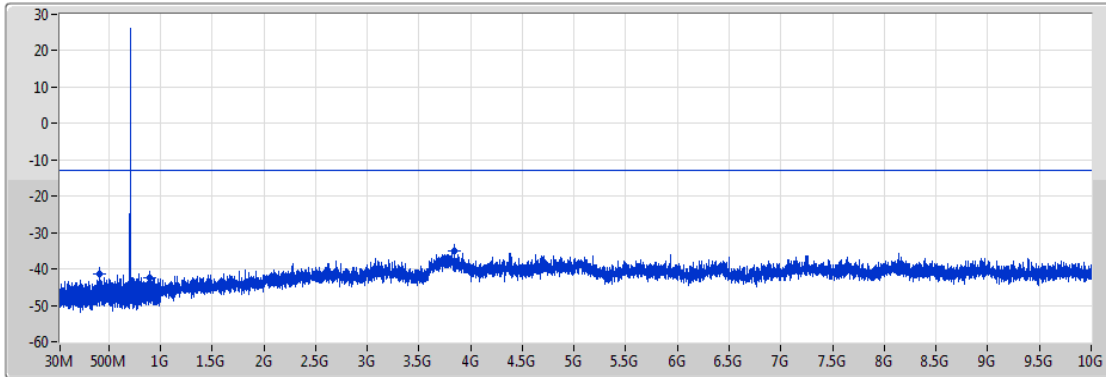
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 160.44M | -42.74 | -13.00 | -29.74 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 862.55M | -41.86 | -13.00 | -28.86 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8044G | -34.69 | -13.00 | -21.69 | 1 | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

709MHz



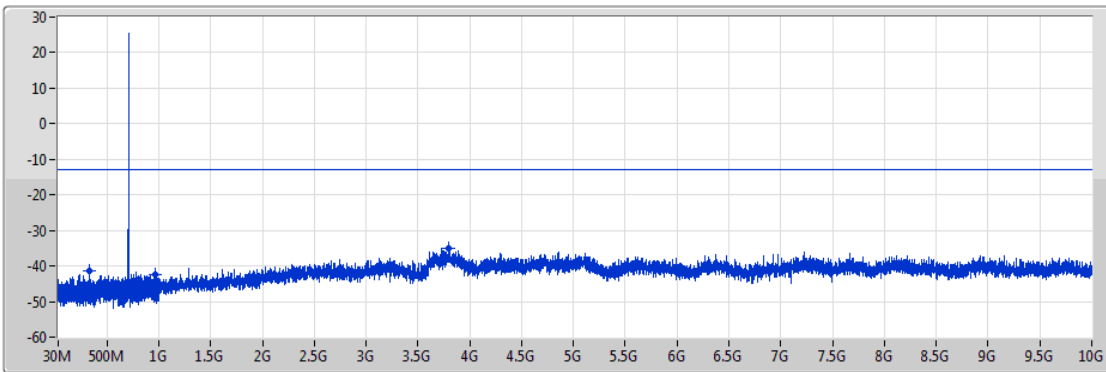
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 410.71M | -41.47 | -13.00 | -28.47 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 894.2M | -42.50 | -13.00 | -29.50 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.8404G | -34.98 | -13.00 | -21.98 | 1 | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

710MHz



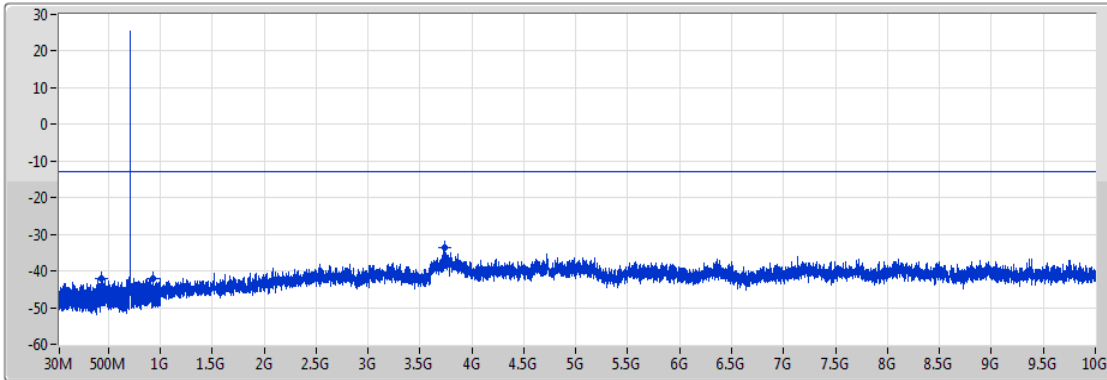
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 331.64M | -41.46 | -13.00 | -28.46 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 966.24M | -42.40 | -13.00 | -29.40 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7963G | -35.11 | -13.00 | -22.11 | 1 | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

711MHz



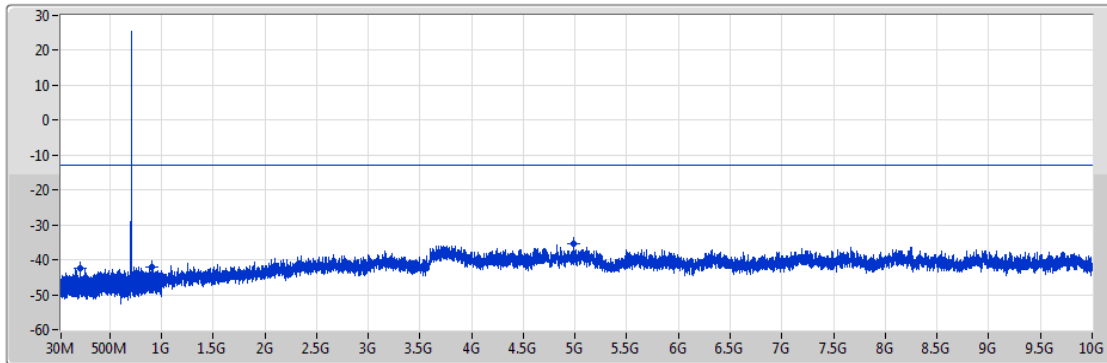
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 432.23M | -41.90 | -13.00 | -28.90 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 934.5M | -42.06 | -13.00 | -29.06 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.7378G | -33.72 | -13.00 | -20.72 | 1 | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

709MHz



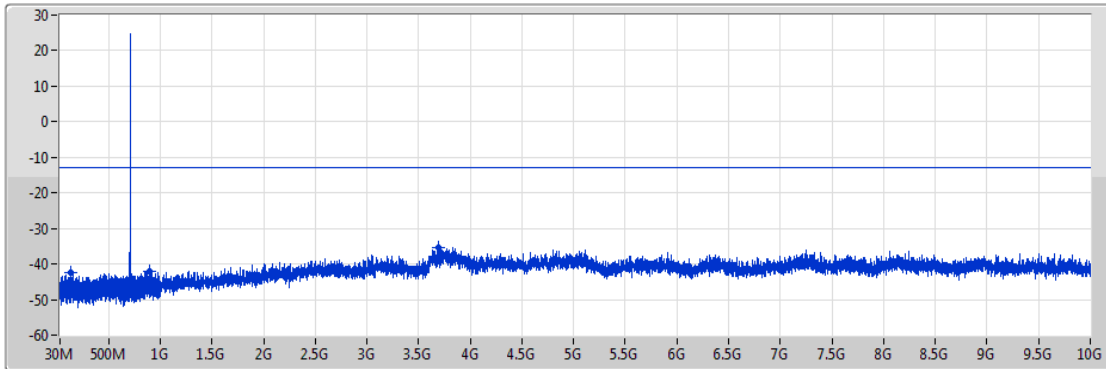
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 211.1M | -42.49 | -13.00 | -29.49 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 911.13M | -42.09 | -13.00 | -29.09 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 4.9807G | -35.34 | -13.00 | -22.34 | 1 | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

710MHz



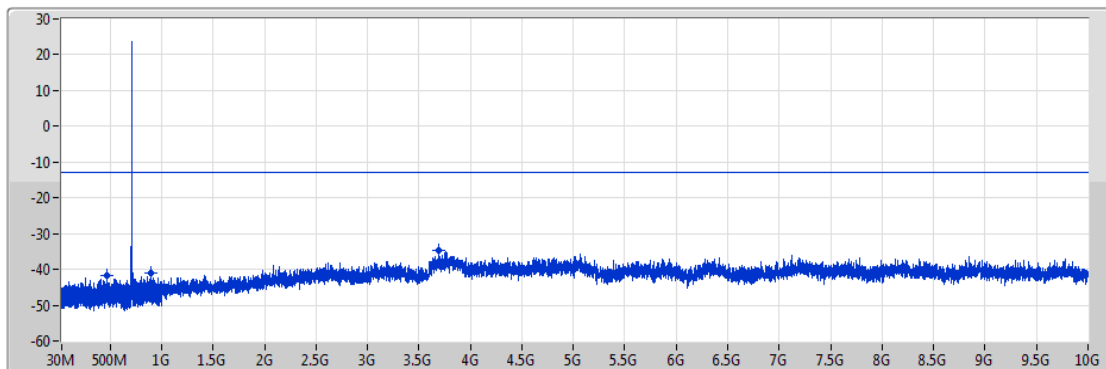
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 133.46M | -42.38 | -13.00 | -29.38 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 898.16M | -41.96 | -13.00 | -28.96 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.6973G | -35.30 | -13.00 | -22.30 | 1 | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

711MHz



Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|--------|
| 30M | 604M | 1M | 3M | Peak | 466.1M | -41.77 | -13.00 | -28.77 | 1 | - |
| 816M | 1G | 1M | 3M | Peak | 891.16M | -41.08 | -13.00 | -28.08 | 1 | - |
| 1G | 10G | 1M | 3M | Peak | 3.6964G | -34.86 | -13.00 | -21.86 | 1 | - |

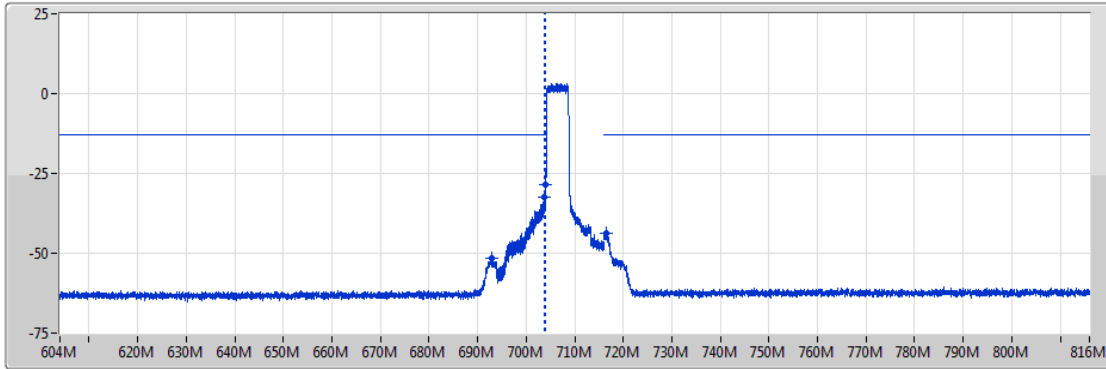
Summary


| Mode | Result | F-Start (Hz) | F-Stop (Hz) | RBW (Hz) | VBW (Hz) | Detector | Freq (Hz) | Level (dBm) | Limit (dBm) | Margin (dB) | Port | Remark | Ref.Limit (dB) |
|--------------------------|--------|-----------------|----------------|-------------|-------------|----------|--------------|----------------|----------------|----------------|------|--------|-------------------|
| Band 17 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 716M | 716.1M | 51k | 160k | RMS | 716M | -21.11 | -13.00 | -8.11 | 1 | - | - |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 716M | 716.1M | 51k | 160k | RMS | 716M | -22.01 | -13.00 | -9.01 | 1 | - | - |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 716M | 716.1M | 100k | 300k | RMS | 716M | -31.43 | -13.00 | -18.43 | 1 | - | - |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 716M | 716.1M | 100k | 300k | RMS | 716M | -28.79 | -13.00 | -15.79 | 1 | - | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

706.5MHz_QPSK_RB 25,#RB 0



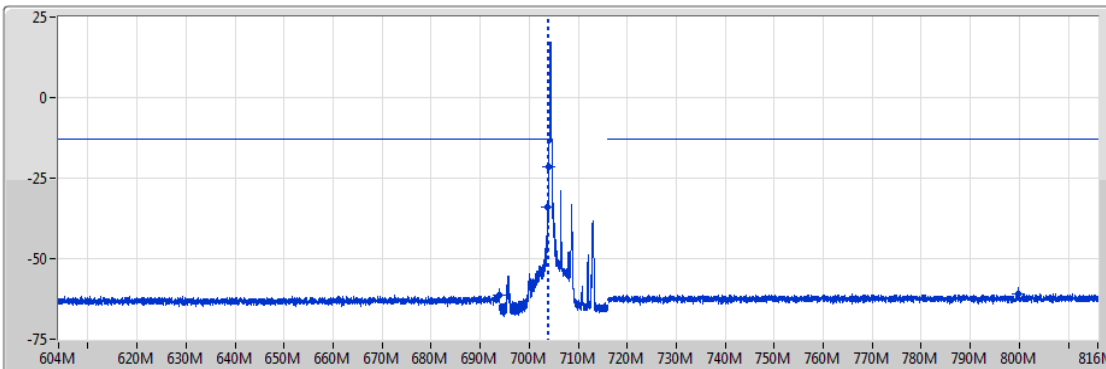
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 694M | 100k | 300k | RMS | 693.01M | -51.74 | -13.00 | -38.74 | 1 | - | - |
| 694M | 703.9M | 51k | 160k | RMS | 703.85M | -32.25 | -13.00 | -19.25 | 1 | MBW 100k | - |
| 703.9M | 704M | 51k | 160k | RMS | 704M | -28.42 | -13.00 | -15.42 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.53M | -43.78 | -13.00 | -30.78 | 1 | - | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

CSE-TX-Port

706.5MHz_QPSK_RB 1,#RB 0

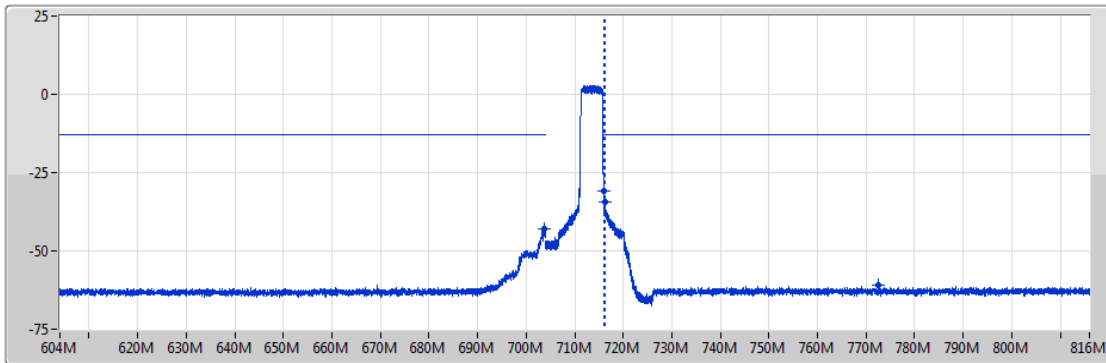


Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 694M | 100k | 300k | RMS | 694M | -61.33 | -13.00 | -48.33 | 1 | - | - |
| 694M | 703.9M | 51k | 160k | RMS | 703.85M | -34.10 | -13.00 | -21.10 | 1 | MBW 100k | - |
| 703.9M | 704M | 51k | 160k | RMS | 704M | -21.31 | -13.00 | -8.31 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 799.78M | -60.82 | -13.00 | -47.82 | 1 | - | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX
713.5MHz_QPSK_RB 25,#RB 0

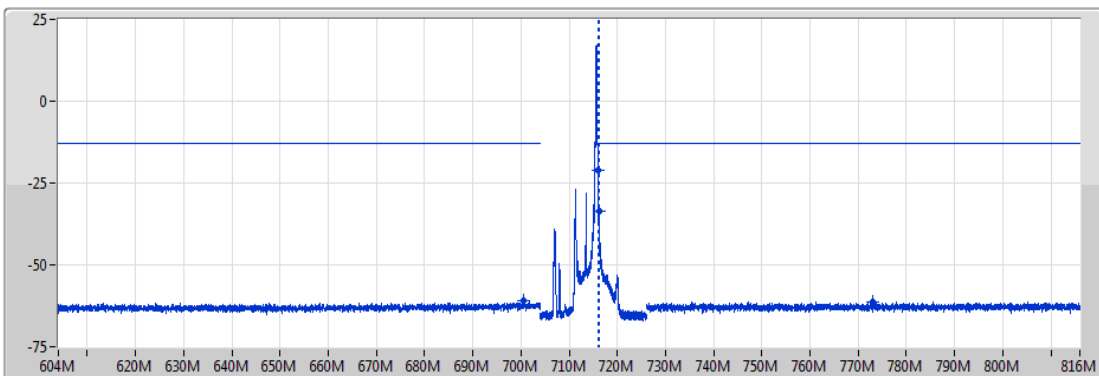
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 703.68M | -42.93 | -13.00 | -29.93 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -30.77 | -13.00 | -17.77 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.15M | -34.19 | -13.00 | -21.19 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 772.6M | -61.13 | -13.00 | -48.13 | 1 | - |

Band 17_LTE_5MHz_Nss1,QPSK_1TX
713.5MHz_QPSK_RB 1,#RB 24

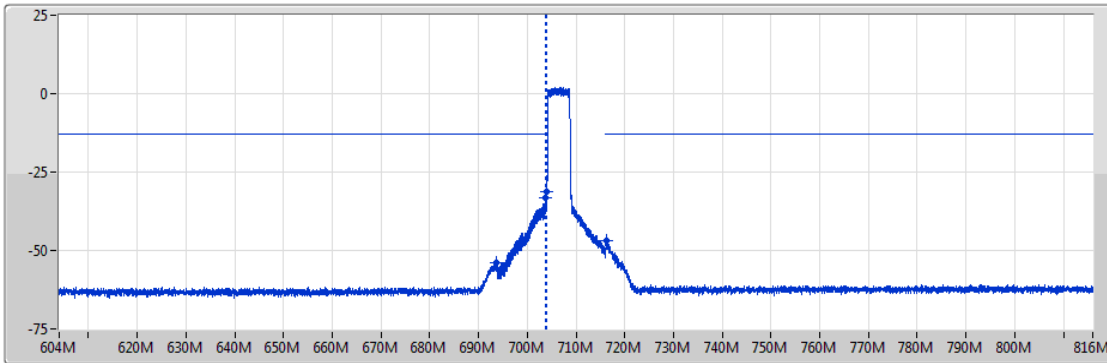
CSE-TX-Port




| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 700.43M | -61.02 | -13.00 | -48.02 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -21.11 | -13.00 | -8.11 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.15M | -33.43 | -13.00 | -20.43 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 772.96M | -61.15 | -13.00 | -48.15 | 1 | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX
706.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Port

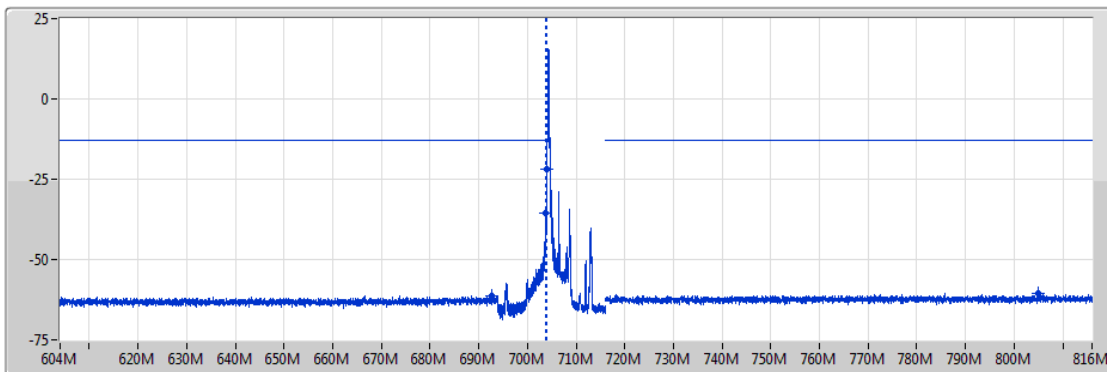



Port 1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 694M | 100k | 300k | RMS | 693.75M | -53.80 | -13.00 | -40.80 | 1 | - | - |
| 694M | 703.9M | 51k | 160k | RMS | 703.85M | -33.36 | -13.00 | -20.36 | 1 | MBW 100k | - |
| 703.9M | 704M | 51k | 160k | RMS | 704M | -31.11 | -13.00 | -18.11 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.38M | -46.70 | -13.00 | -33.70 | 1 | - | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX
706.5MHz_16QAM_RB 1,#RB 0

CSE-TX-Port



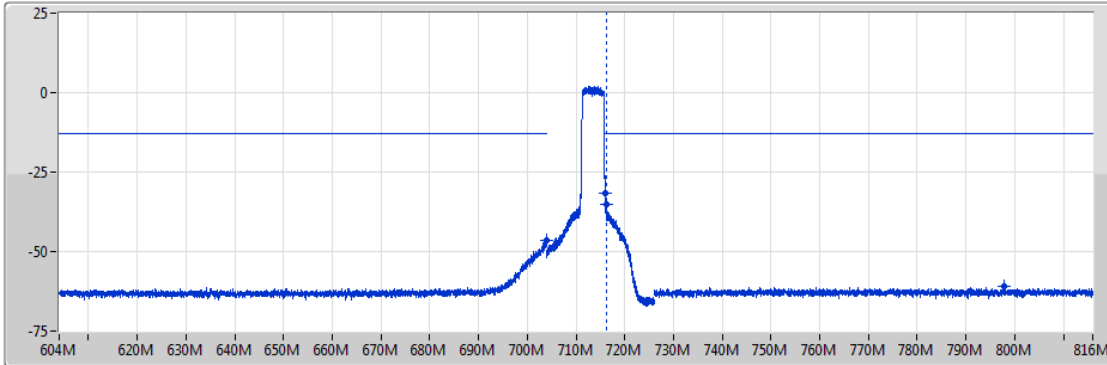
Port 1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 694M | 100k | 300k | RMS | 692.7M | -61.32 | -13.00 | -48.32 | 1 | - | - |
| 694M | 703.9M | 51k | 160k | RMS | 703.85M | -35.56 | -13.00 | -22.56 | 1 | MBW 100k | - |
| 703.9M | 704M | 51k | 160k | RMS | 704M | -22.06 | -13.00 | -9.06 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 804.95M | -60.55 | -13.00 | -47.55 | 1 | - | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

713.5MHz_16QAM_RB 25,#RB 0

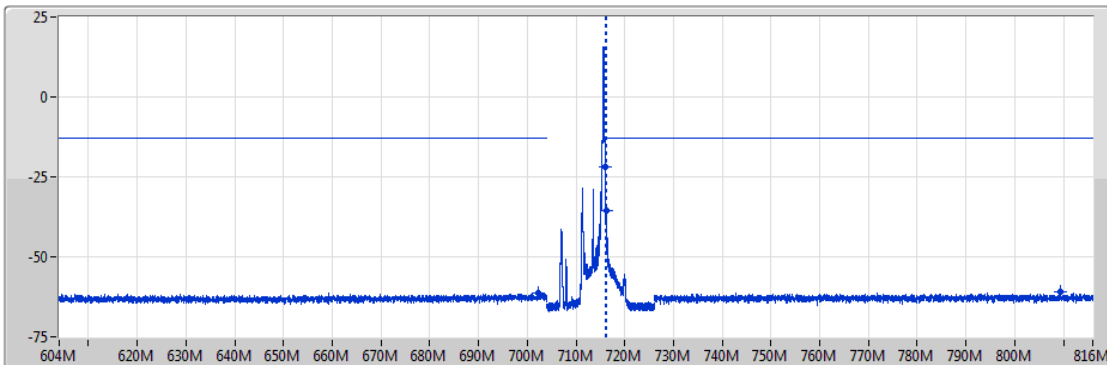


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 703.98M | -46.38 | -13.00 | -33.38 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -31.46 | -13.00 | -18.46 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.25M | -35.05 | -13.00 | -22.05 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 797.82M | -60.99 | -13.00 | -47.99 | 1 | - |

Band 17_LTE_5MHz_Nss1,16QAM_1TX

CSE-TX-Port

713.5MHz_16QAM_RB 1,#RB 24

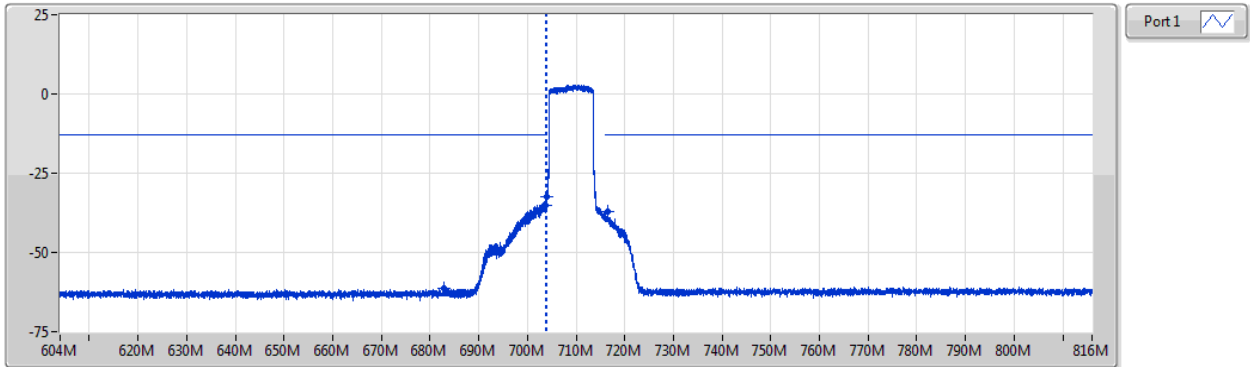


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 702.23M | -61.26 | -13.00 | -48.26 | 1 | - |
| 716M | 716.1M | 51k | 160k | RMS | 716M | -22.01 | -13.00 | -9.01 | 1 | - |
| 716.1M | 726M | 51k | 160k | RMS | 716.15M | -35.63 | -13.00 | -22.63 | 1 | MBW 100k |
| 726M | 816M | 100k | 300k | RMS | 809.3M | -61.07 | -13.00 | -48.07 | 1 | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

709MHz_QPSK_RB 50,#RB 0

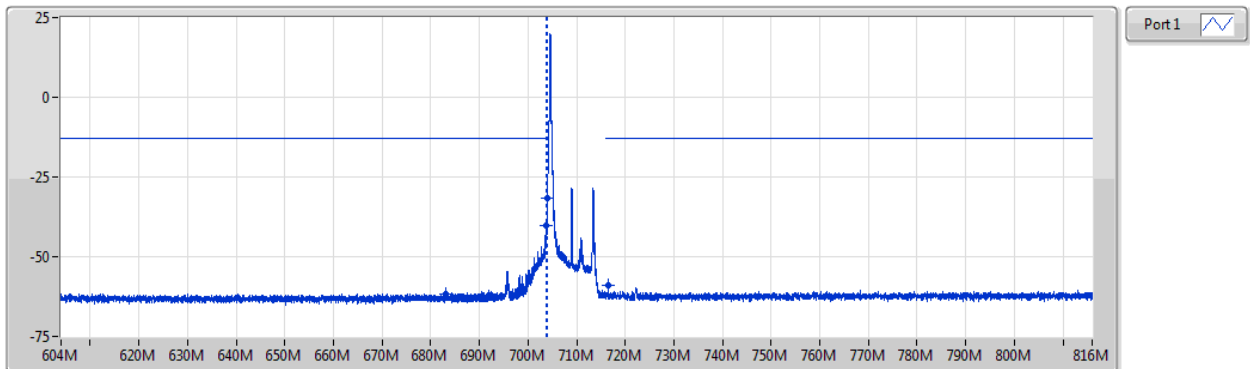


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 684M | 100k | 300k | RMS | 682.96M | -61.23 | -13.00 | -48.23 | 1 | - | - |
| 684M | 703.9M | 100k | 300k | RMS | 703.85M | -35.12 | -13.00 | -22.12 | 1 | MBW 100k | - |
| 703.9M | 704M | 100k | 300k | RMS | 704M | -32.48 | -13.00 | -19.48 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.48M | -37.19 | -13.00 | -24.19 | 1 | - | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

709MHz_QPSK_RB 1,#RB 0

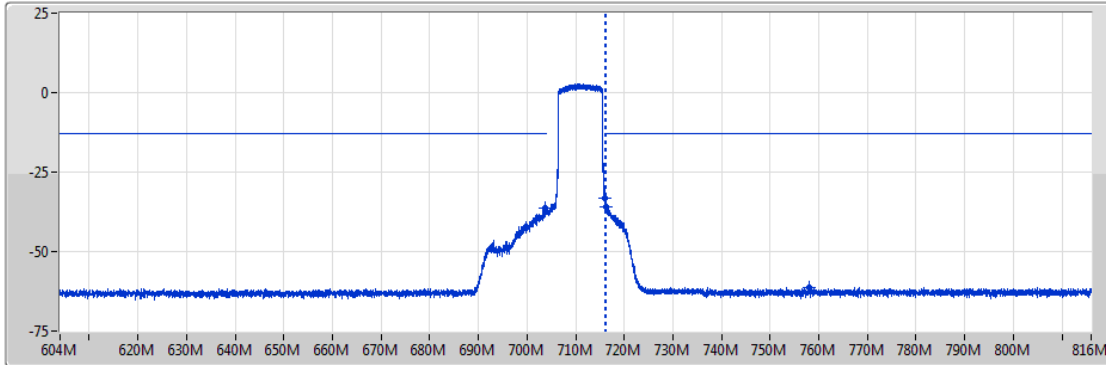



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 684M | 100k | 300k | RMS | 683.04M | -61.62 | -13.00 | -48.62 | 1 | - | - |
| 684M | 703.9M | 100k | 300k | RMS | 703.85M | -40.12 | -13.00 | -27.12 | 1 | MBW 100k | - |
| 703.9M | 704M | 100k | 300k | RMS | 704M | -31.51 | -13.00 | -18.51 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.5M | -59.17 | -13.00 | -46.17 | 1 | - | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

711MHz_QPSK_RB 50,#RB 0



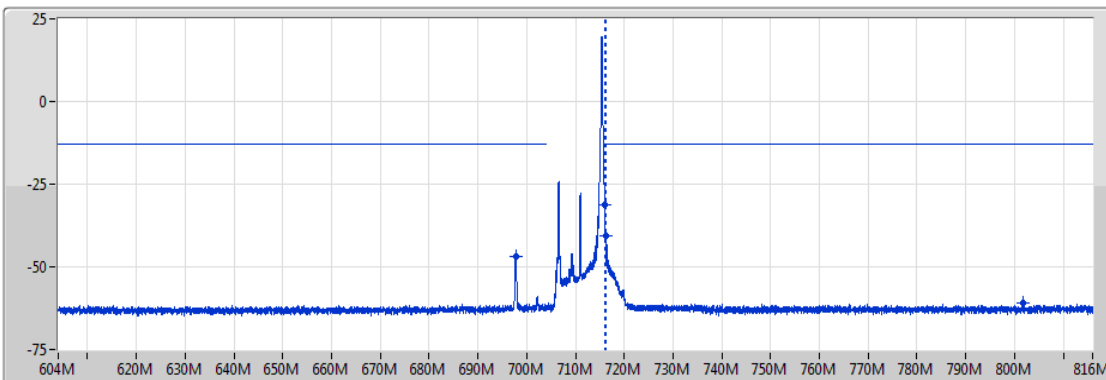
Port1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 703.65M | -36.35 | -13.00 | -23.35 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -33.13 | -13.00 | -20.13 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -36.13 | -13.00 | -23.13 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 758.06M | -61.28 | -13.00 | -48.28 | 1 | - |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

CSE-TX-Port

711MHz_QPSK_RB 1,#RB 49

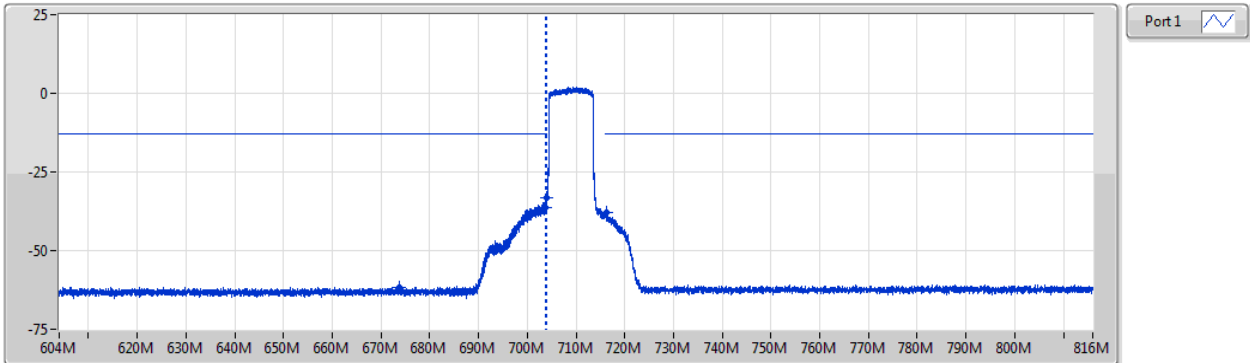


Port1 

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 697.78M | -46.89 | -13.00 | -33.89 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -31.43 | -13.00 | -18.43 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -40.67 | -13.00 | -27.67 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 801.68M | -61.07 | -13.00 | -48.07 | 1 | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX
709MHz_16QAM_RB 50,#RB 0

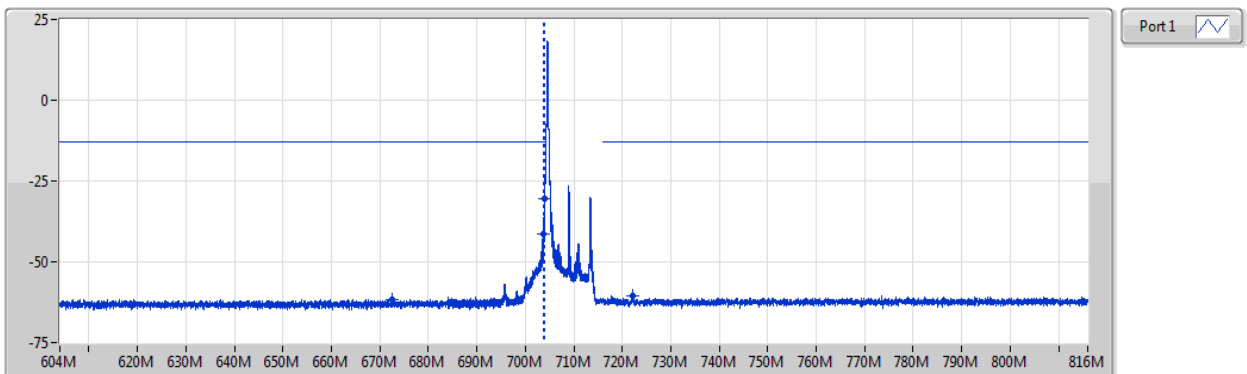
CSE-TX-Port



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 684M | 100k | 300k | RMS | 673.76M | -61.58 | -13.00 | -48.58 | 1 | - | - |
| 684M | 703.9M | 100k | 300k | RMS | 703.85M | -36.35 | -13.00 | -23.35 | 1 | MBW 100k | - |
| 703.9M | 704M | 100k | 300k | RMS | 704M | -33.27 | -13.00 | -20.27 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 716.23M | -37.80 | -13.00 | -24.80 | 1 | - | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX
709MHz_16QAM_RB 1,#RB 0

CSE-TX-Port

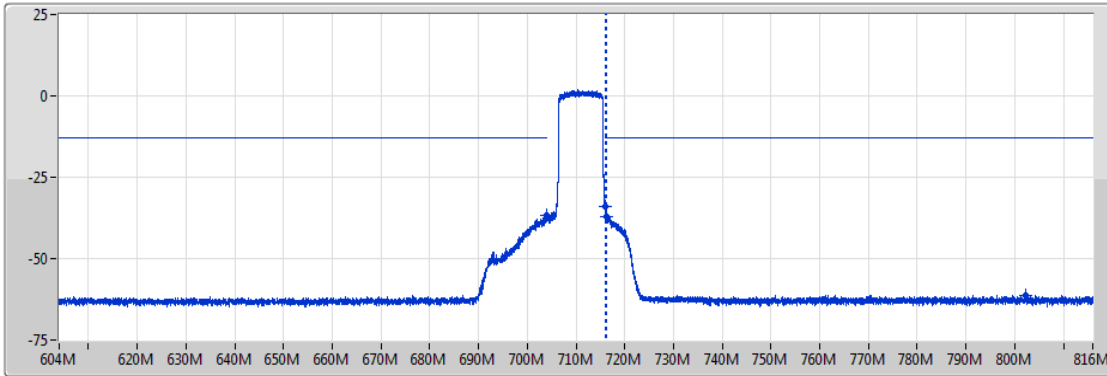



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark | Ref.Limit(dB) |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|---------------|
| 604M | 684M | 100k | 300k | RMS | 672.64M | -61.58 | -13.00 | -48.58 | 1 | - | - |
| 684M | 703.9M | 100k | 300k | RMS | 703.85M | -41.38 | -13.00 | -28.38 | 1 | MBW 100k | - |
| 703.9M | 704M | 100k | 300k | RMS | 704M | -30.50 | -13.00 | -17.50 | 1 | - | - |
| 716M | 816M | 100k | 300k | RMS | 722.13M | -60.44 | -13.00 | -47.44 | 1 | - | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

711MHz_16QAM_RB 50,#RB 0



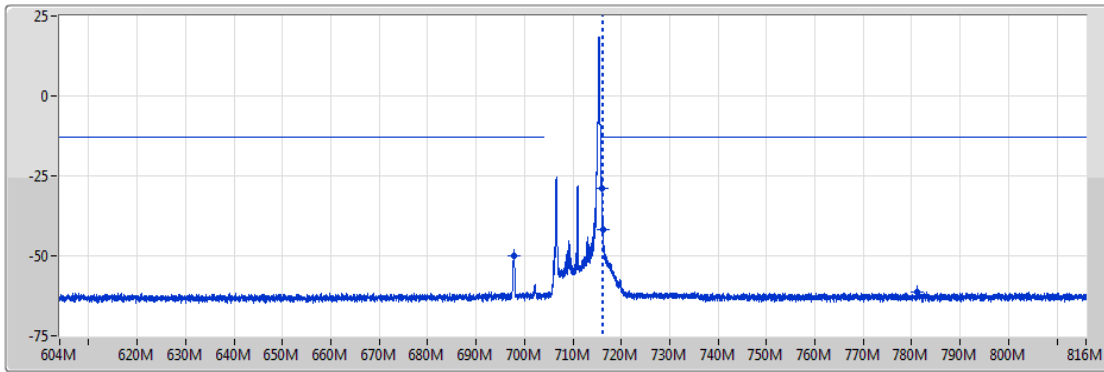
Port 1 


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 703.93M | -36.82 | -13.00 | -23.82 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -33.97 | -13.00 | -20.97 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -37.04 | -13.00 | -24.04 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 802.3M | -61.16 | -13.00 | -48.16 | 1 | - |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

CSE-TX-Port

711MHz_16QAM_RB 1,#RB 49



Port 1 

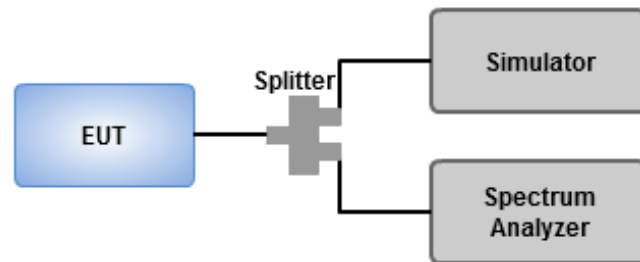
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | VBW(Hz) | Detector | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port | Remark |
|-------------|------------|---------|---------|----------|----------|------------|------------|------------|------|----------|
| 604M | 704M | 100k | 300k | RMS | 697.75M | -49.95 | -13.00 | -36.95 | 1 | - |
| 716M | 716.1M | 100k | 300k | RMS | 716M | -28.79 | -13.00 | -15.79 | 1 | - |
| 716.1M | 736M | 100k | 300k | RMS | 716.15M | -41.76 | -13.00 | -28.76 | 1 | MBW 100k |
| 736M | 816M | 100k | 300k | RMS | 781.08M | -61.44 | -13.00 | -48.44 | 1 | - |

3.4 Occupied Bandwidth and 26dB Bandwidth

3.4.1 Test Procedures

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Using occupied bandwidth measurement function of spectrum analyzer to measure occupied bandwidth
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 26dB relative to the maximum level measured in the fundamental emission.

3.4.2 Test Setup



3.4.3 Test Result of Occupied Bandwidth

Summary

| Mode | Max-NdB (Hz) | Max-OBW (Hz) | ITU-Code | Min-NdB (Hz) | Min-OBW (Hz) |
|---------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 12 | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | 1.241M | 1.081M | 1M08G7D | 1.225M | 1.077M |
| LTE_1.4MHz_Nss1,16QAM_1TX | 1.246M | 1.08M | 1M08W7D | 1.229M | 1.079M |
| LTE_3MHz_Nss1,QPSK_1TX | 2.91M | 2.678M | 2M68G7D | 2.906M | 2.674M |
| LTE_3MHz_Nss1,16QAM_1TX | 2.918M | 2.68M | 2M68W7D | 2.906M | 2.674M |
| LTE_5MHz_Nss1,QPSK_1TX | 4.881M | 4.465M | 4M47G7D | 4.863M | 4.457M |
| LTE_5MHz_Nss1,16QAM_1TX | 4.913M | 4.462M | 4M46W7D | 4.856M | 4.46M |
| LTE_10MHz_Nss1,QPSK_1TX | 9.688M | 8.926M | 8M93G7D | 9.6M | 8.922M |
| LTE_10MHz_Nss1,16QAM_1TX | 9.6M | 8.921M | 8M92W7D | 9.55M | 8.892M |

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

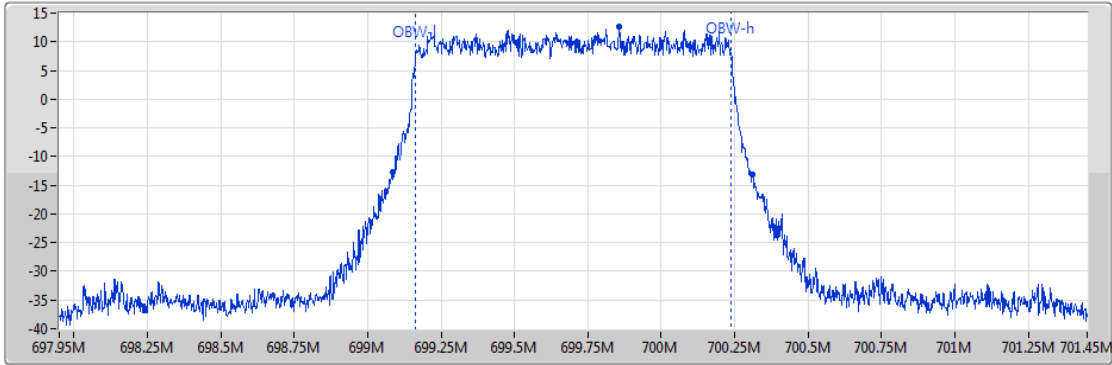
| Mode | Result | Limit (Hz) | Port 1-NdB (Hz) | Port 1-OBW (Hz) |
|-----------------------------|--------|---------------|--------------------|--------------------|
| Band 12_LTE_1.4MHz_Nss1_1TX | - | - | - | - |
| 699.7MHz_QPSK_RB 6,#RB 0 | Pass | Inf | 1.225M | 1.077M |
| 707.5MHz_QPSK_RB 6,#RB 0 | Pass | Inf | 1.241M | 1.077M |
| 715.3MHz_QPSK_RB 6,#RB 0 | Pass | Inf | 1.232M | 1.081M |
| 699.7MHz_16QAM_RB 6,#RB 0 | Pass | Inf | 1.229M | 1.079M |
| 707.5MHz_16QAM_RB 6,#RB 0 | Pass | Inf | 1.234M | 1.08M |
| 715.3MHz_16QAM_RB 6,#RB 0 | Pass | Inf | 1.246M | 1.079M |
| Band 12_LTE_3MHz_Nss1_1TX | - | - | - | - |
| 700.5MHz_QPSK_RB 15,#RB 0 | Pass | Inf | 2.91M | 2.674M |
| 707.5MHz_QPSK_RB 15,#RB 0 | Pass | Inf | 2.906M | 2.678M |
| 714.5MHz_QPSK_RB 15,#RB 0 | Pass | Inf | 2.91M | 2.677M |
| 700.5MHz_16QAM_RB 15,#RB 0 | Pass | Inf | 2.918M | 2.676M |
| 707.5MHz_16QAM_RB 15,#RB 0 | Pass | Inf | 2.906M | 2.68M |
| 714.5MHz_16QAM_RB 15,#RB 0 | Pass | Inf | 2.906M | 2.674M |
| Band 12_LTE_5MHz_Nss1_1TX | - | - | - | - |
| 701.5MHz_QPSK_RB 25,#RB 0 | Pass | Inf | 4.863M | 4.459M |
| 707.5MHz_QPSK_RB 25,#RB 0 | Pass | Inf | 4.881M | 4.465M |
| 713.5MHz_QPSK_RB 25,#RB 0 | Pass | Inf | 4.863M | 4.457M |
| 701.5MHz_16QAM_RB 25,#RB 0 | Pass | Inf | 4.913M | 4.46M |
| 707.5MHz_16QAM_RB 25,#RB 0 | Pass | Inf | 4.863M | 4.462M |
| 713.5MHz_16QAM_RB 25,#RB 0 | Pass | Inf | 4.856M | 4.461M |
| Band 12_LTE_10MHz_Nss1_1TX | - | - | - | - |
| 704MHz_QPSK_RB 50,#RB 0 | Pass | Inf | 9.688M | 8.926M |
| 707.5MHz_QPSK_RB 50,#RB 0 | Pass | Inf | 9.688M | 8.925M |
| 711MHz_QPSK_RB 50,#RB 0 | Pass | Inf | 9.6M | 8.922M |
| 704MHz_16QAM_RB 50,#RB 0 | Pass | Inf | 9.55M | 8.921M |
| 707.5MHz_16QAM_RB 50,#RB 0 | Pass | Inf | 9.6M | 8.914M |
| 711MHz_16QAM_RB 50,#RB 0 | Pass | Inf | 9.563M | 8.892M |

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

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

EBW

699.7MHz_QPSK_RB 6,#RB 0

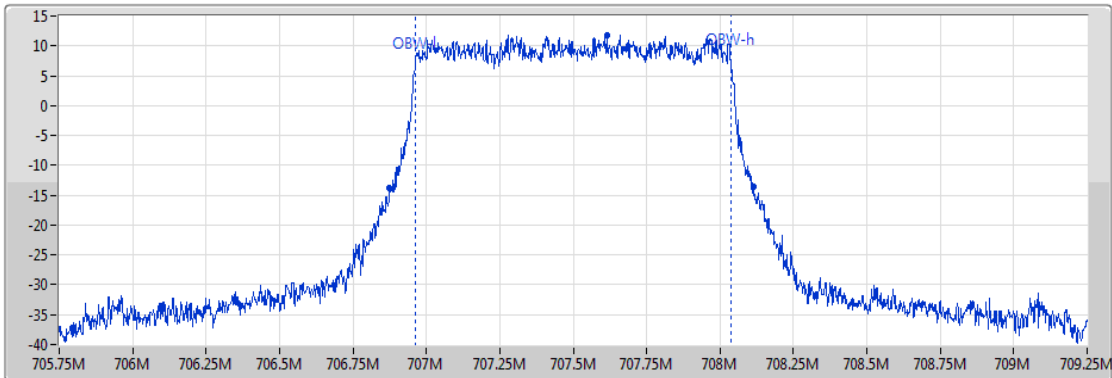


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|------------|------|--------|----------|---------|---------|
| 1.225M | 699.084M | 700.309M | 1.077M | 699.162021M | 700.23904M | 1 | 699.7M | 3.5M | 15k | 47k |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

EBW

707.5MHz_QPSK_RB 6,#RB 0

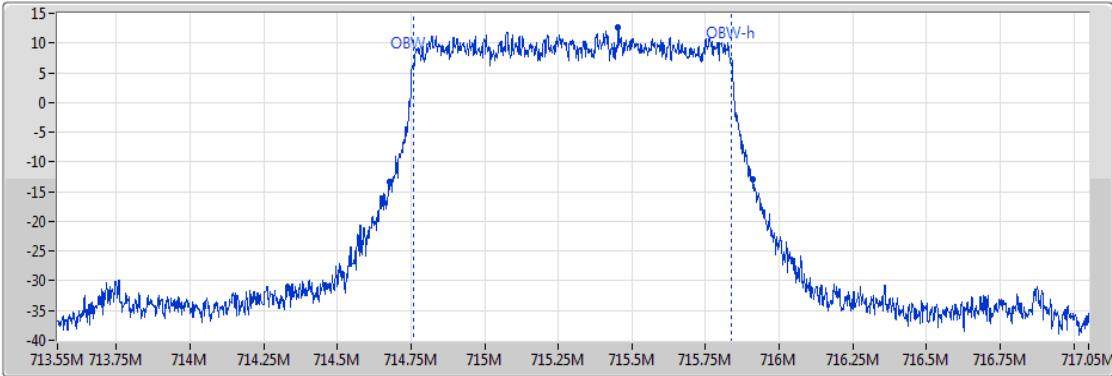


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 1.241M | 706.8735M | 708.11425M | 1.077M | 706.961398M | 708.038687M | 1 | 707.5M | 3.5M | 15k | 47k |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

EBW

715.3MHz_QPSK_RB 6,#RB 0

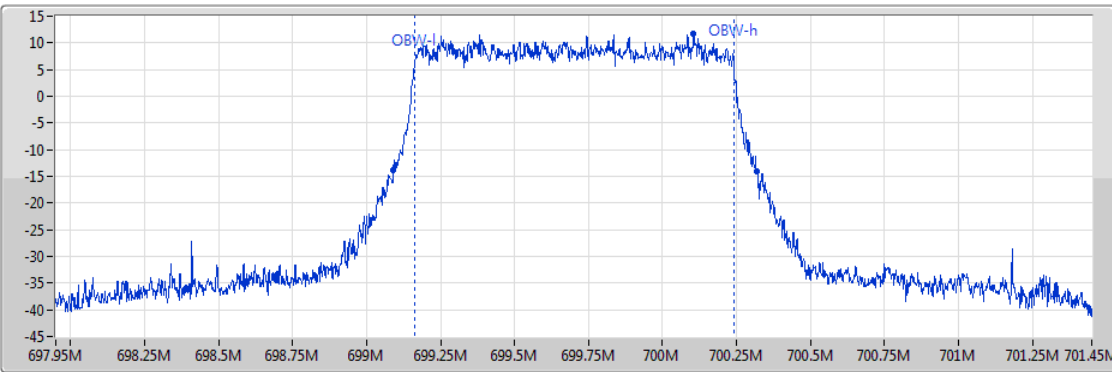


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|------------|------|--------|----------|---------|---------|
| 1.232M | 714.677M | 715.909M | 1.081M | 714.757572M | 715.83828M | 1 | 715.3M | 3.5M | 15k | 47k |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX

EBW

699.7MHz_16QAM_RB 6,#RB 0

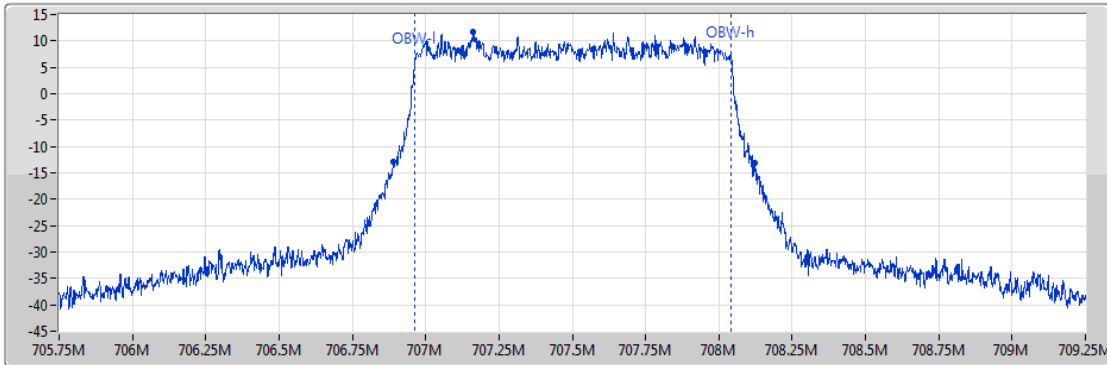


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 1.229M | 699.091M | 700.3195M | 1.079M | 699.16173M | 700.24093M | 1 | 699.7M | 3.5M | 15k | 47k |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX

EBW

707.5MHz_16QAM_RB 6,#RB 0

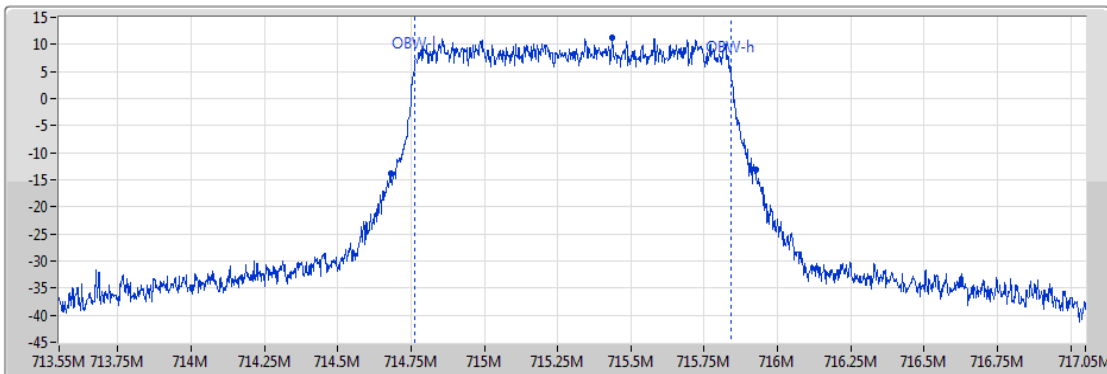


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 1.234M | 706.88925M | 708.123M | 1.08M | 706.963008M | 708.043224M | 1 | 707.5M | 3.5M | 15k | 47k |

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX

EBW

715.3MHz_16QAM_RB 6,#RB 0

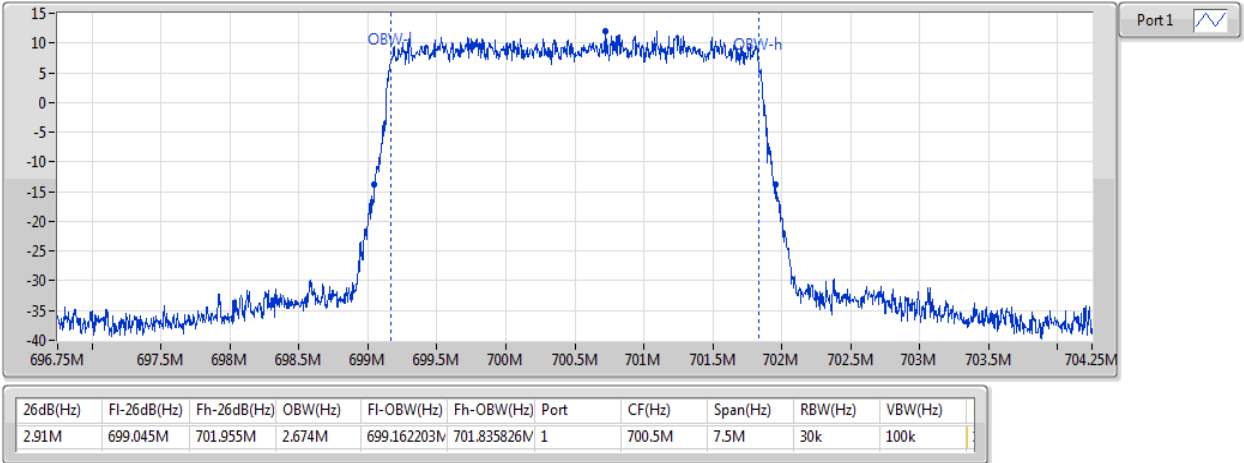


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 1.246M | 714.6805M | 715.9265M | 1.079M | 714.761023M | 715.840004M | 1 | 715.3M | 3.5M | 15k | 47k |

Band 12_LTE_3MHz_Nss1,QPSK_1TX

EBW

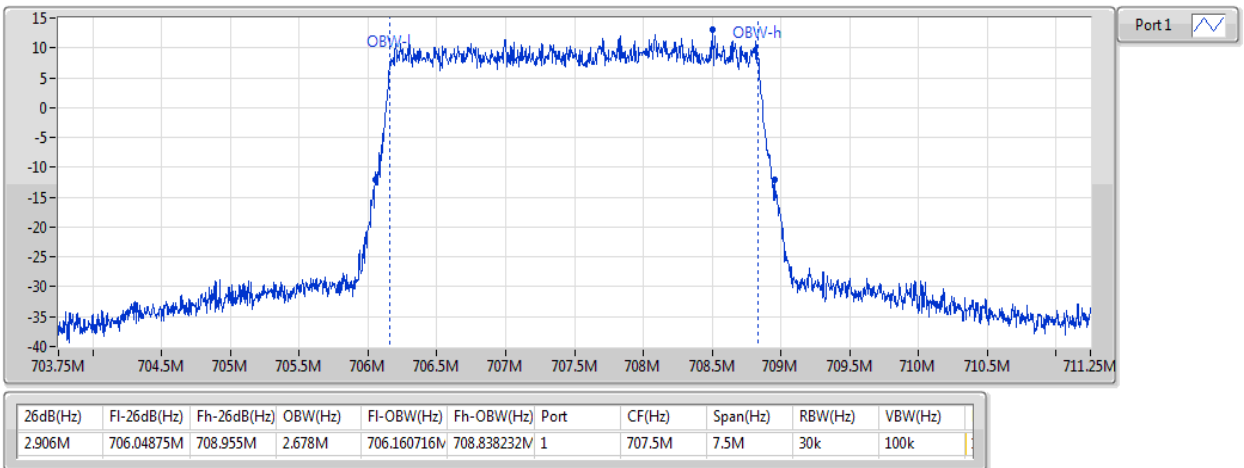
700.5MHz_QPSK_RB 15,#RB 0



Band 12_LTE_3MHz_Nss1,QPSK_1TX

EBW

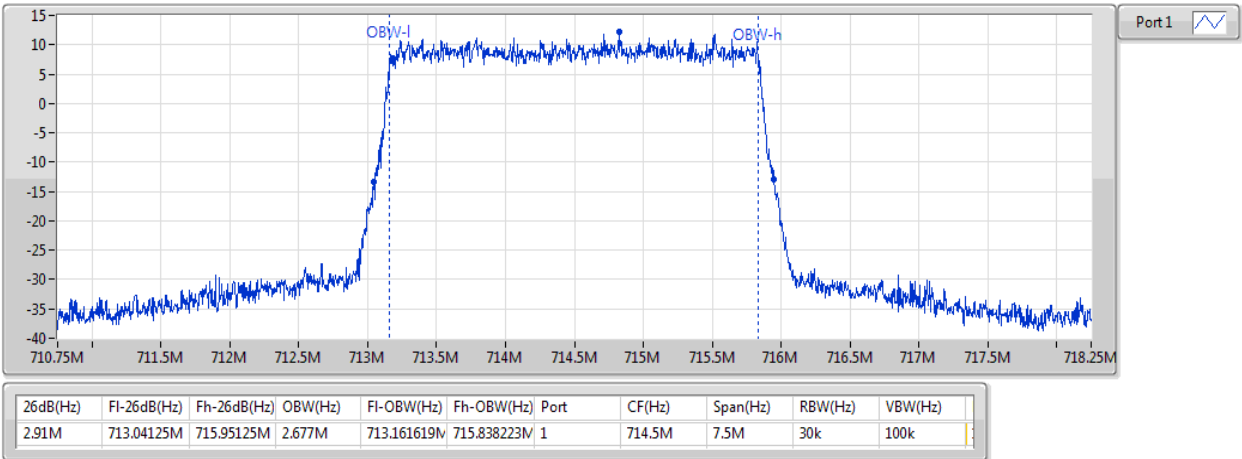
707.5MHz_QPSK_RB 15,#RB 0



Band 12_LTE_3MHz_Nss1,QPSK_1TX

EBW

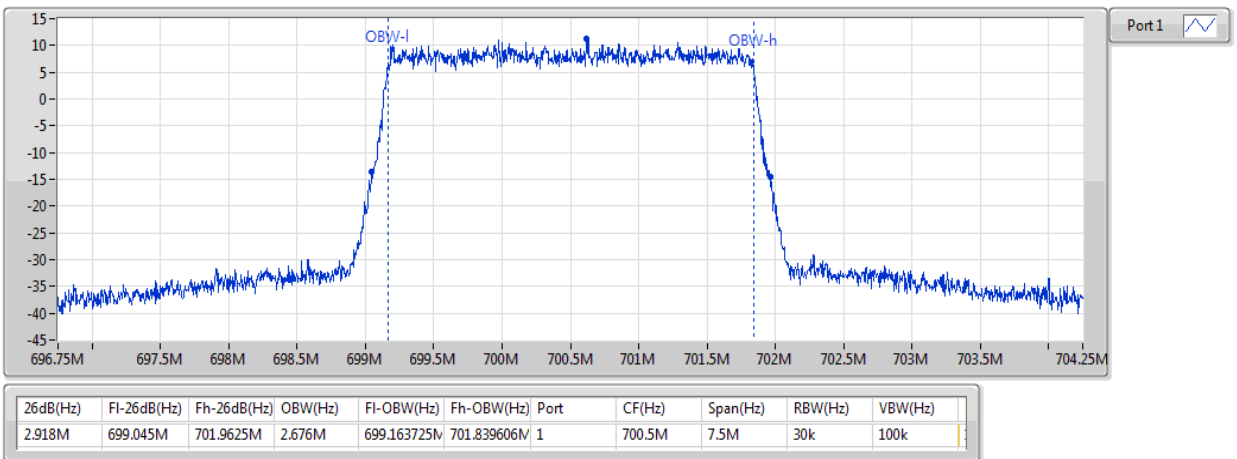
714.5MHz_QPSK_RB 15,#RB 0



Band 12_LTE_3MHz_Nss1,16QAM_1TX

EBW

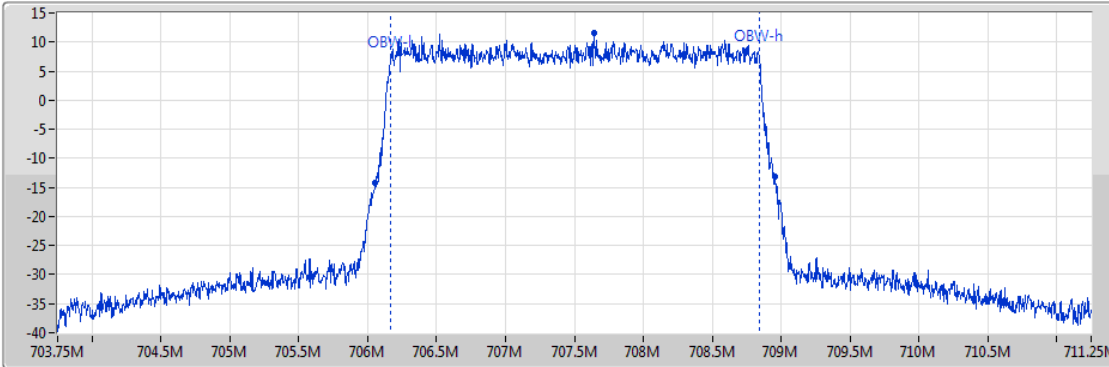
700.5MHz_16QAM_RB 15,#RB 0



Band 12_LTE_3MHz_Nss1,16QAM_1TX

EBW

707.5MHz_16QAM_RB 15,#RB 0

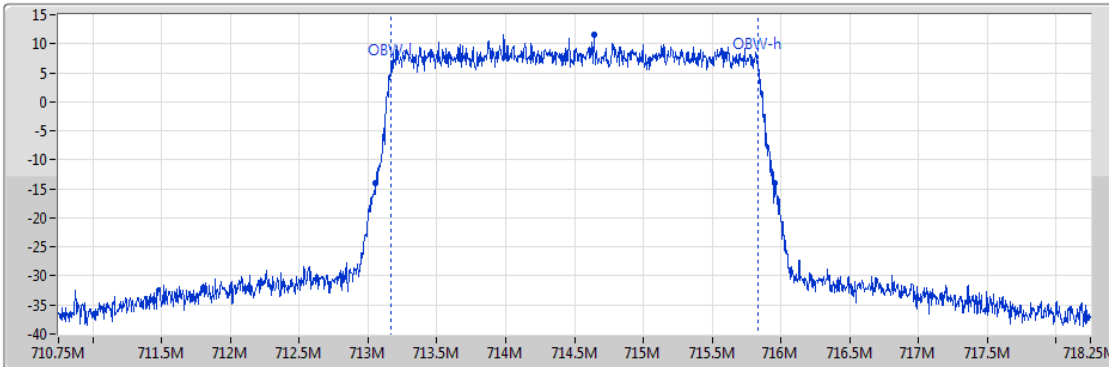


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 2.906M | 706.0525M | 708.95875M | 2.68M | 706.162007M | 708.842102M | 1 | 707.5M | 7.5M | 30k | 100k |

Band 12_LTE_3MHz_Nss1,16QAM_1TX

EBW

714.5MHz_16QAM_RB 15,#RB 0

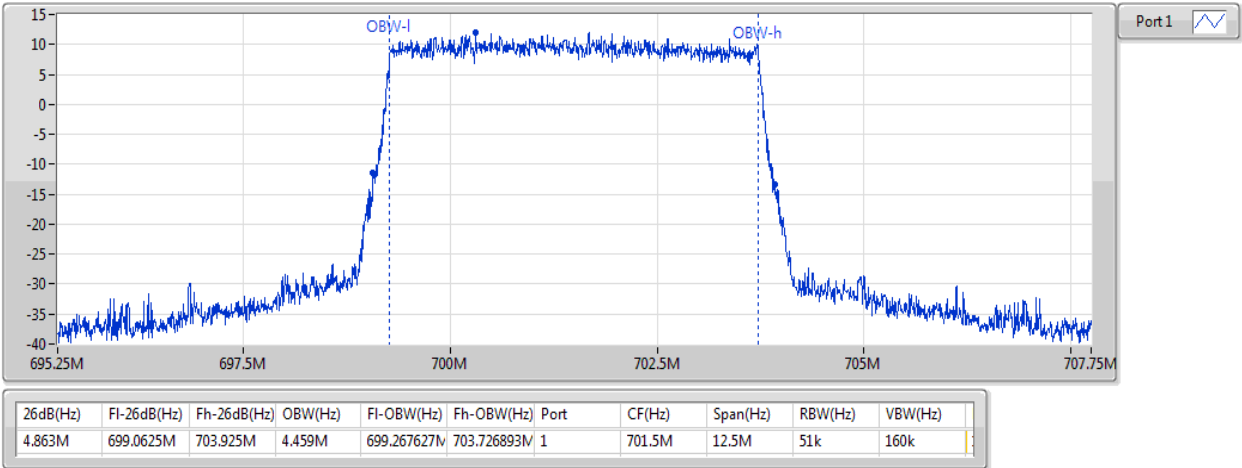


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 2.906M | 713.0525M | 715.95875M | 2.674M | 713.163849M | 715.837443M | 1 | 714.5M | 7.5M | 30k | 100k |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

EBW

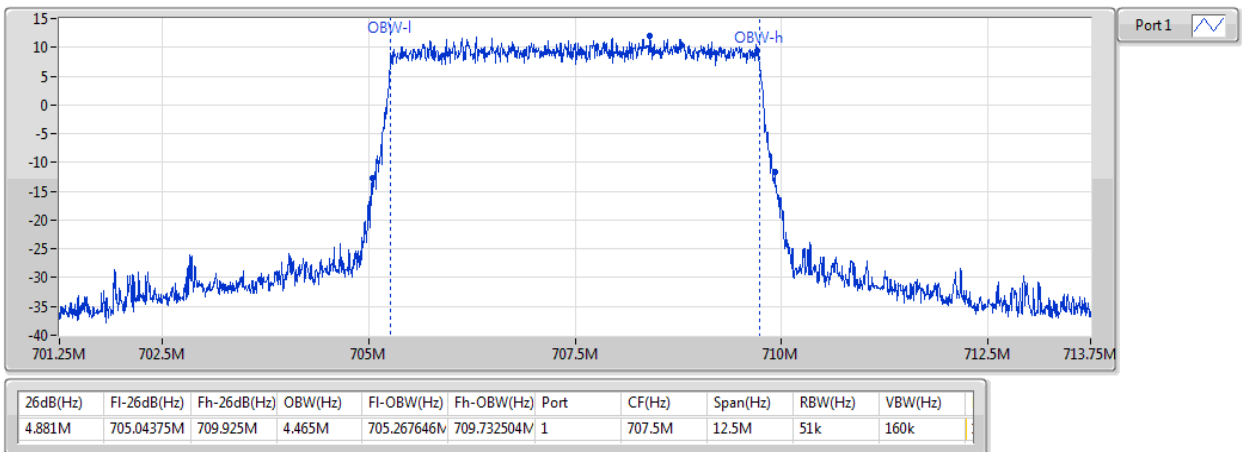
701.5MHz_QPSK_RB 25,#RB 0



Band 12_LTE_5MHz_Nss1,QPSK_1TX

EBW

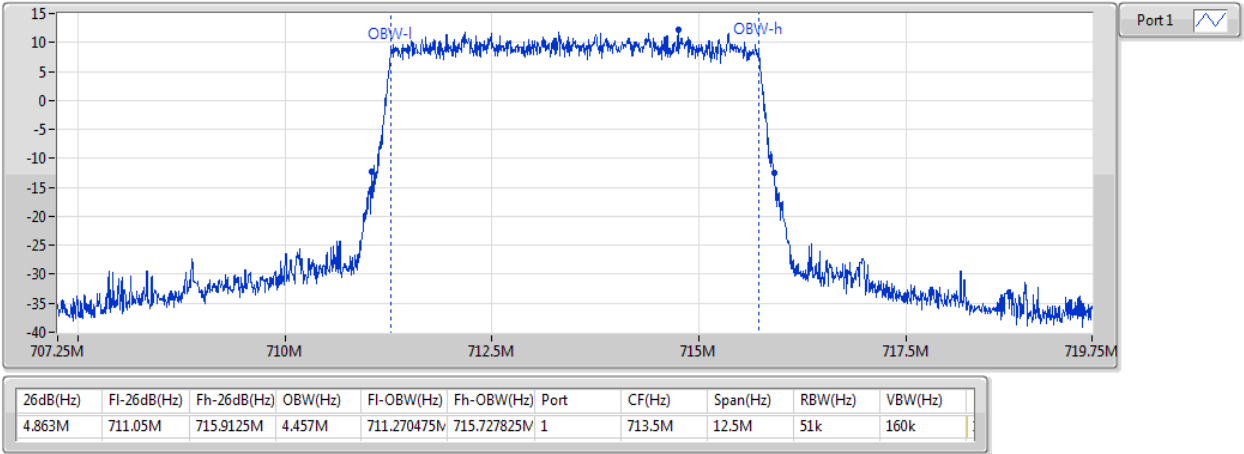
707.5MHz_QPSK_RB 25,#RB 0



Band 12_LTE_5MHz_Nss1,QPSK_1TX

EBW

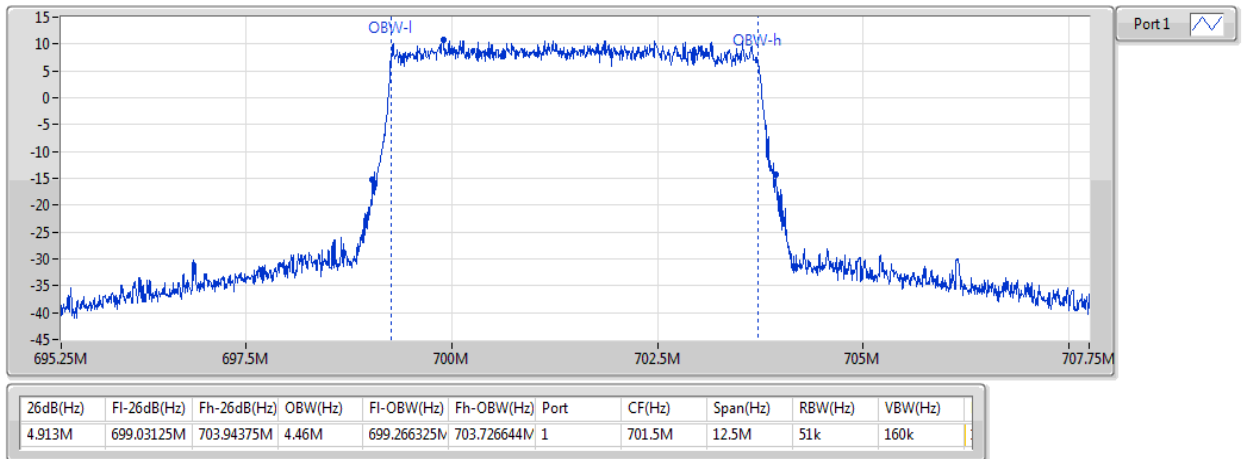
713.5MHz_QPSK_RB 25,#RB 0



Band 12_LTE_5MHz_Nss1,16QAM_1TX

EBW

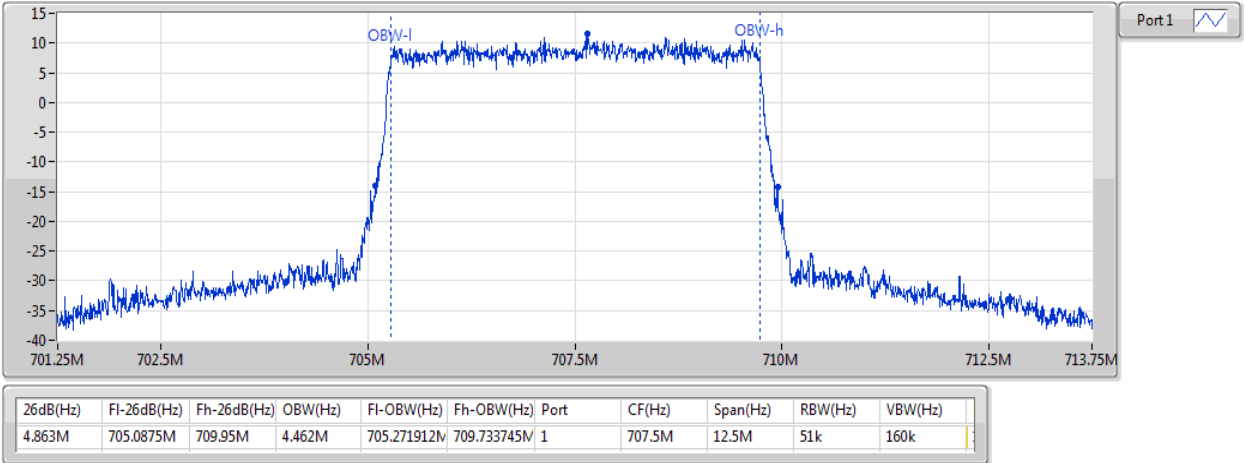
701.5MHz_16QAM_RB 25,#RB 0



Band 12_LTE_5MHz_Nss1,16QAM_1TX

EBW

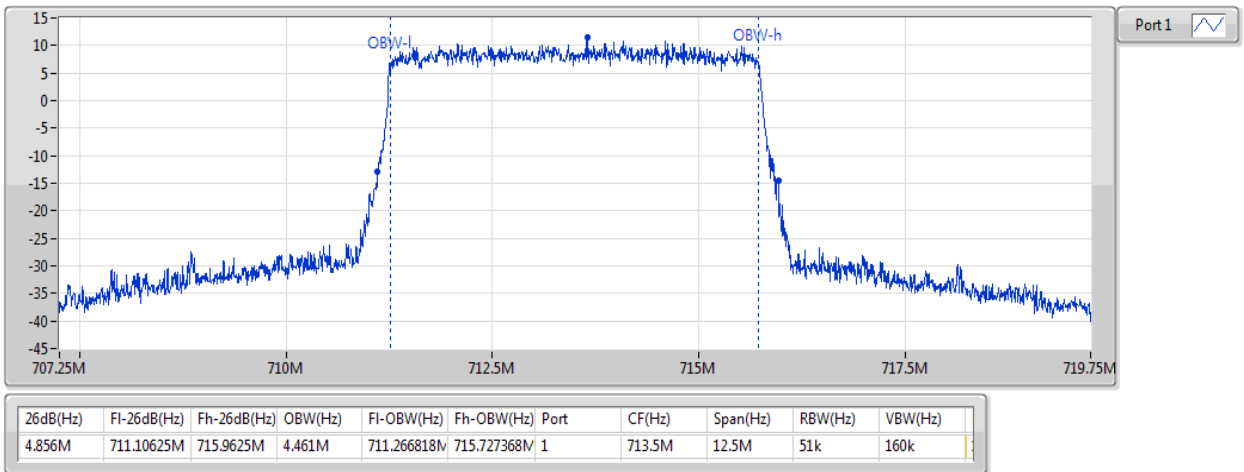
707.5MHz_16QAM_RB 25,#RB 0



Band 12_LTE_5MHz_Nss1,16QAM_1TX

EBW

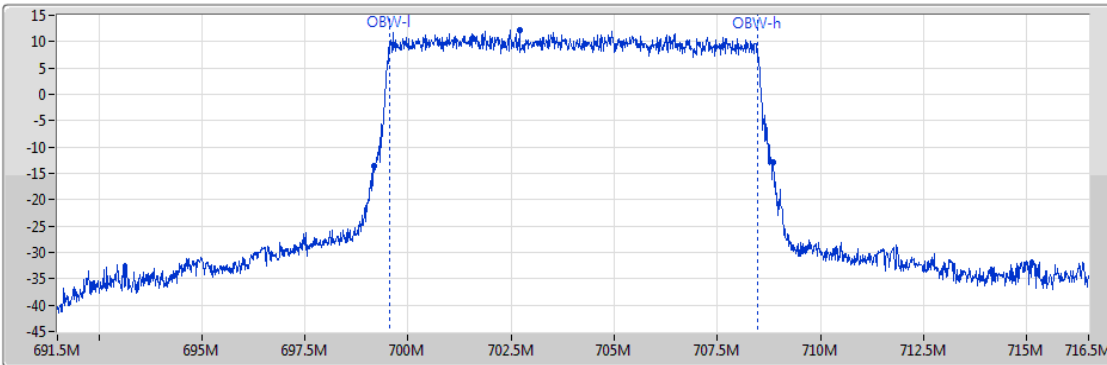
713.5MHz_16QAM_RB 25,#RB 0



Band 12_LTE_10MHz_Nss1,QPSK_1TX

EBW

704MHz_QPSK_RB 50,#RB 0

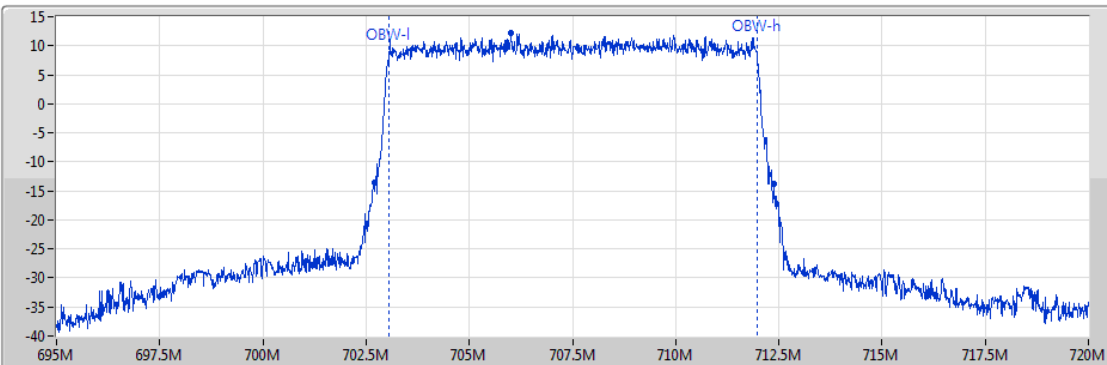


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.688M | 699.175M | 708.8625M | 8.926M | 699.540086M | 708.466075M | 1 | 704M | 25M | 100k | 300k |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

EBW

707.5MHz_QPSK_RB 50,#RB 0

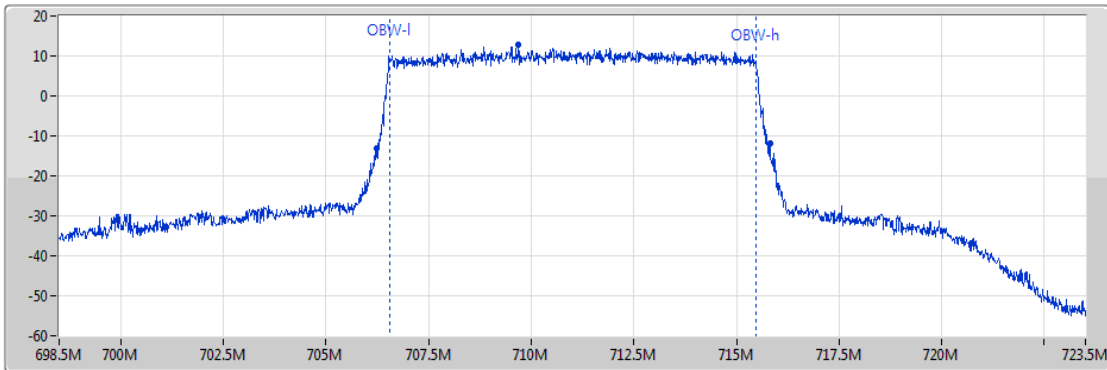


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.688M | 702.7M | 712.3875M | 8.925M | 703.042769M | 711.967419M | 1 | 707.5M | 25M | 100k | 300k |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

EBW

711MHz_QPSK_RB 50,#RB 0

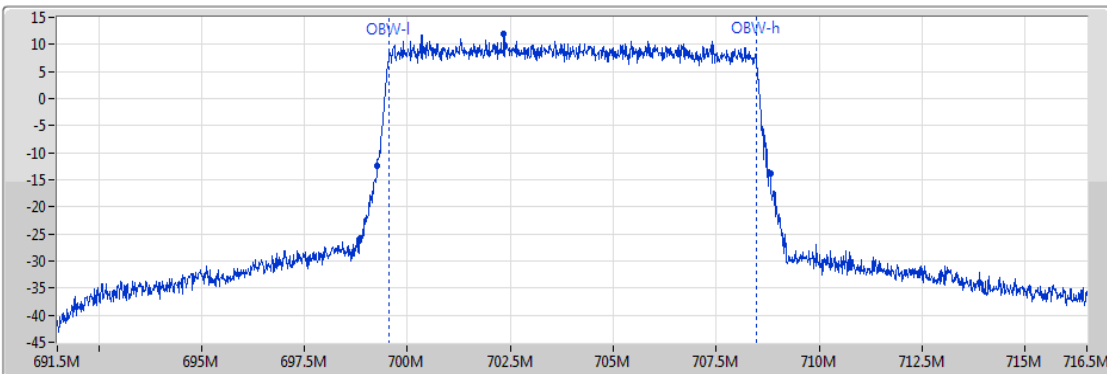


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.6M | 706.225M | 715.825M | 8.922M | 706.542773M | 715.464744M | 1 | 711M | 25M | 100k | 300k |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

EBW

704MHz_16QAM_RB 50,#RB 0

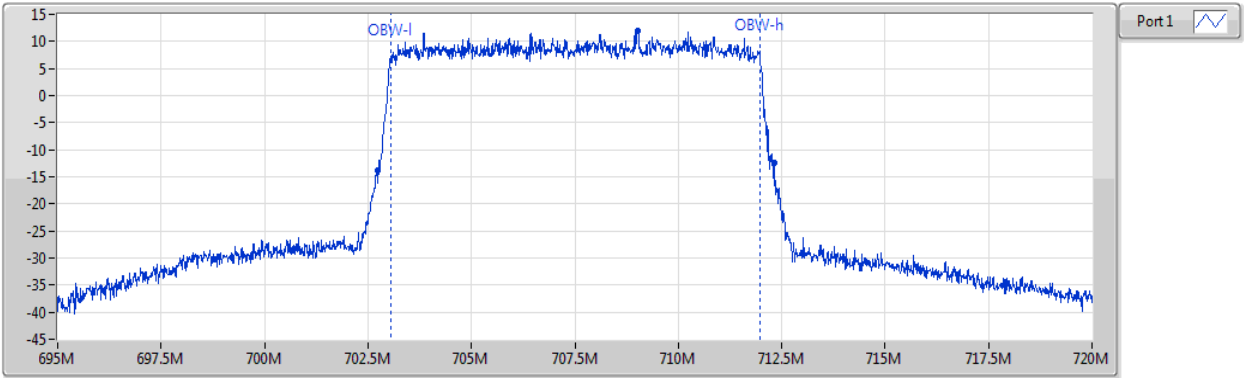


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.55M | 699.2625M | 708.8125M | 8.921M | 699.544945M | 708.465814M | 1 | 704M | 25M | 100k | 300k |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

EBW

707.5MHz_16QAM_RB 50,#RB 0

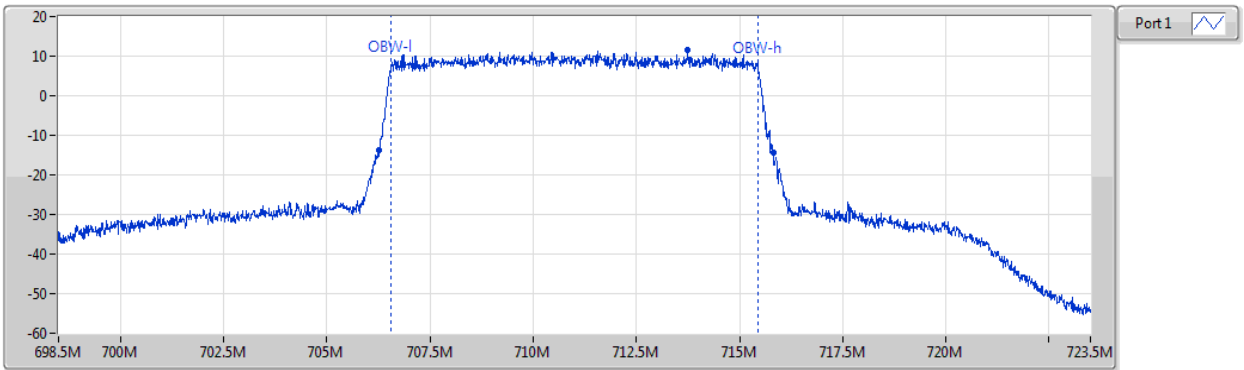


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|------------|------|--------|----------|---------|---------|
| 9.6M | 702.725M | 712.325M | 8.914M | 703.050904M | 711.96452M | 1 | 707.5M | 25M | 100k | 300k |

Band 12_LTE_10MHz_Nss1,16QAM_1TX

EBW

711MHz_16QAM_RB 50,#RB 0



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.563M | 706.2625M | 715.825M | 8.892M | 706.551504M | 715.443964M | 1 | 711M | 25M | 100k | 300k |

Summary

| Mode | Max-NdB (Hz) | Max-OBW (Hz) | ITU-Code | Min-NdB (Hz) | Min-OBW (Hz) |
|--------------------------|-----------------|-----------------|----------|-----------------|-----------------|
| Band 17 | - | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | 4.906M | 4.46M | 4M46G7D | 4.863M | 4.456M |
| LTE_5MHz_Nss1,16QAM_1TX | 4.906M | 4.459M | 4M46W7D | 4.844M | 4.456M |
| LTE_10MHz_Nss1,QPSK_1TX | 9.663M | 8.92M | 8M92G7D | 9.638M | 8.905M |
| LTE_10MHz_Nss1,16QAM_1TX | 9.613M | 8.906M | 8M91W7D | 9.6M | 8.895M |

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

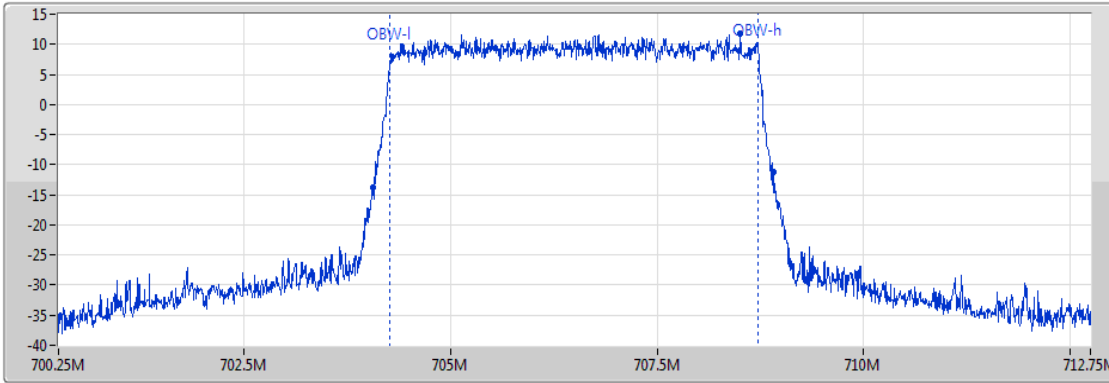
| Mode | Result | Limit (Hz) | Port 1-NdB (Hz) | Port 1-OBW (Hz) |
|----------------------------|--------|---------------|--------------------|--------------------|
| Band 17_LTE_5MHz_Nss1_1TX | - | - | - | - |
| 706.5MHz_QPSK_RB 25,#RB 0 | Pass | Inf | 4.863M | 4.46M |
| 710MHz_QPSK_RB 25,#RB 0 | Pass | Inf | 4.888M | 4.456M |
| 713.5MHz_QPSK_RB 25,#RB 0 | Pass | Inf | 4.906M | 4.457M |
| 706.5MHz_16QAM_RB 25,#RB 0 | Pass | Inf | 4.906M | 4.456M |
| 710MHz_16QAM_RB 25,#RB 0 | Pass | Inf | 4.844M | 4.459M |
| 713.5MHz_16QAM_RB 25,#RB 0 | Pass | Inf | 4.85M | 4.459M |
| Band 17_LTE_10MHz_Nss1_1TX | - | - | - | - |
| 709MHz_QPSK_RB 50,#RB 0 | Pass | Inf | 9.663M | 8.92M |
| 710MHz_QPSK_RB 50,#RB 0 | Pass | Inf | 9.638M | 8.911M |
| 711MHz_QPSK_RB 50,#RB 0 | Pass | Inf | 9.638M | 8.905M |
| 709MHz_16QAM_RB 50,#RB 0 | Pass | Inf | 9.613M | 8.906M |
| 710MHz_16QAM_RB 50,#RB 0 | Pass | Inf | 9.6M | 8.895M |
| 711MHz_16QAM_RB 50,#RB 0 | Pass | Inf | 9.613M | 8.901M |

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

Band 17_LTE_5MHz_Nss1,QPSK_1TX

EBW

706.5MHz_QPSK_RB 25,#RB 0

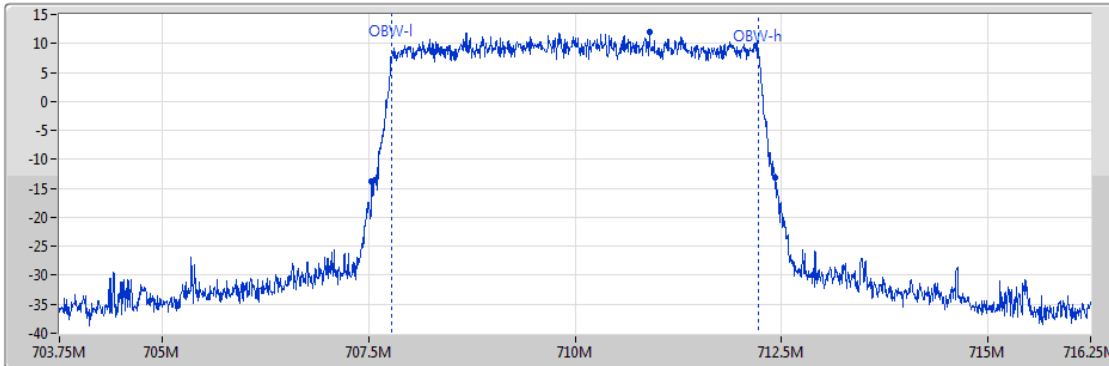


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 4.863M | 704.05625M | 708.91875M | 4.46M | 704.268938M | 708.728802M | 1 | 706.5M | 12.5M | 51k | 160k |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

EBW

710MHz_QPSK_RB 25,#RB 0

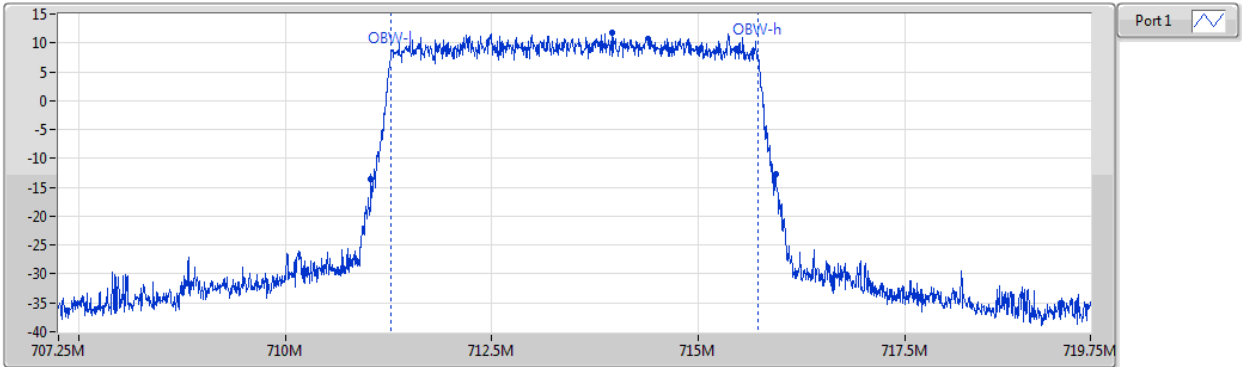


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 4.888M | 707.5375M | 712.425M | 4.456M | 707.774051M | 712.229645M | 1 | 710M | 12.5M | 51k | 160k |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

EBW

713.5MHz_QPSK_RB 25,#RB 0

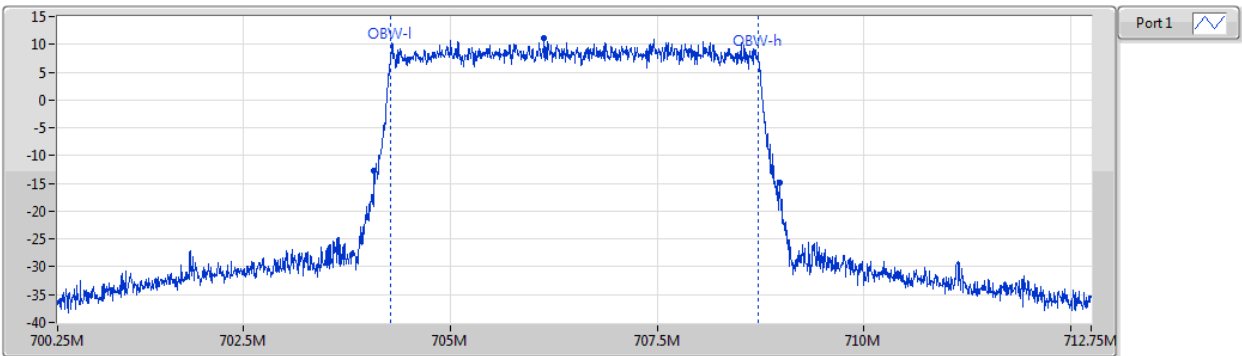


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 4.906M | 711.03125M | 715.9375M | 4.457M | 711.269495M | 715.726135M | 1 | 713.5M | 12.5M | 51k | 160k |

Band 17_LTE_5MHz_Nss1,16QAM_1TX

EBW

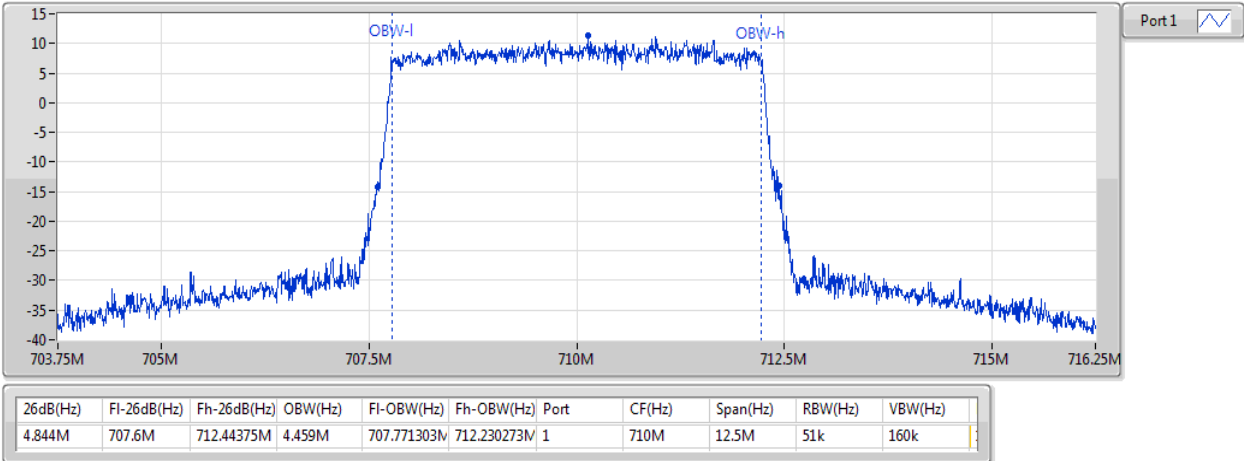
706.5MHz_16QAM_RB 25,#RB 0



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 4.906M | 704.075M | 708.98125M | 4.456M | 704.274443M | 708.730391M | 1 | 706.5M | 12.5M | 51k | 160k |

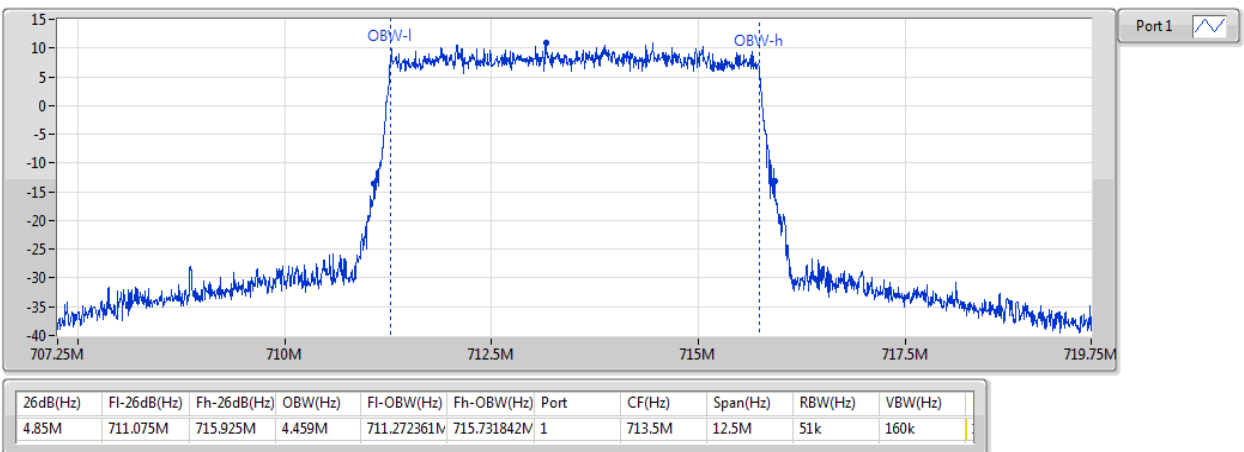
Band 17_LTE_5MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 25,#RB 0

EBW



Band 17_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 25,#RB 0

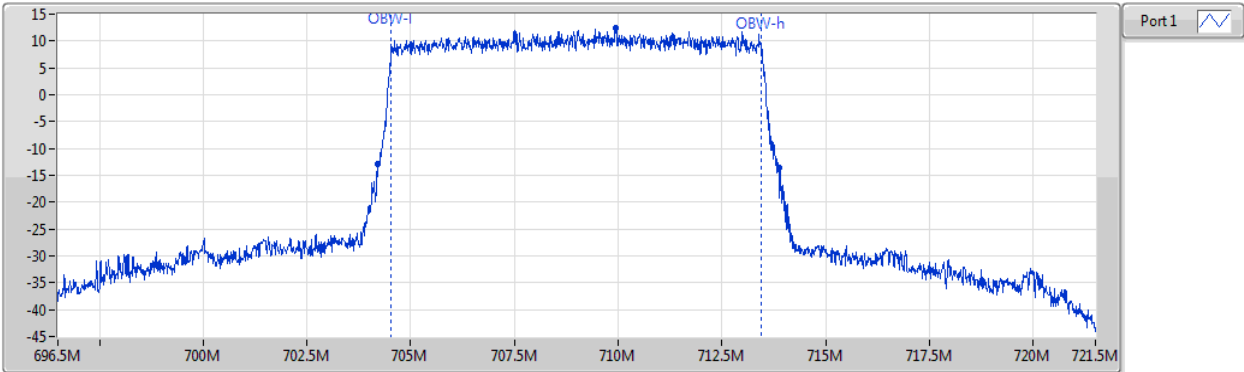
EBW



Band 17_LTE_10MHz_Nss1,QPSK_1TX

EBW

709MHz_QPSK_RB 50,#RB 0

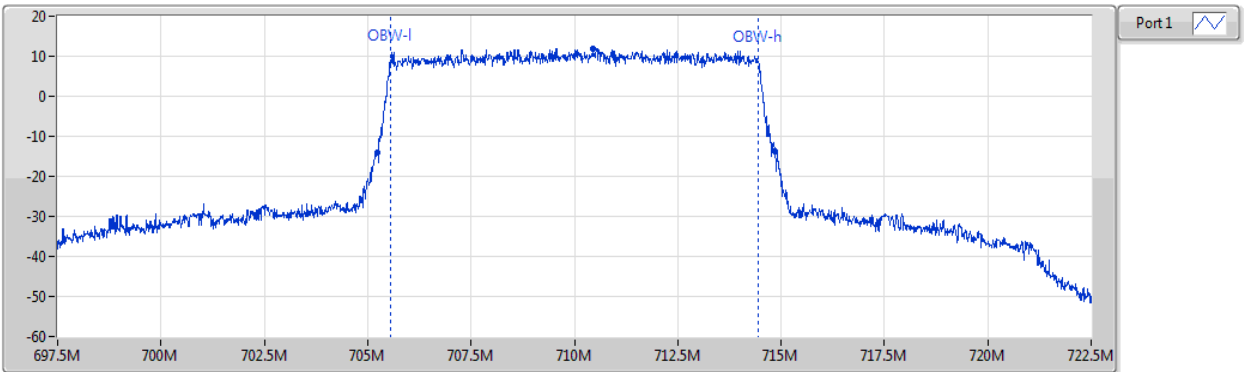


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|-------------|------|--------|----------|---------|---------|
| 9.663M | 704.2125M | 713.875M | 8.92M | 704.53802M | 713.458262M | 1 | 709M | 25M | 100k | 300k |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

EBW

710MHz_QPSK_RB 50,#RB 0

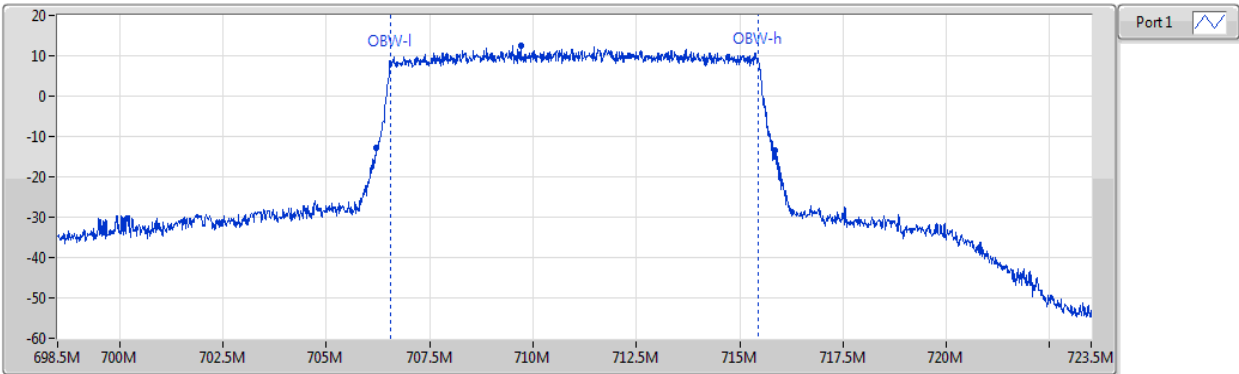


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|------------|------------|------|--------|----------|---------|---------|
| 9.638M | 705.225M | 714.8625M | 8.911M | 705.54893M | 714.45502M | 1 | 710M | 25M | 100k | 300k |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

EBW

711MHz_QPSK_RB 50,#RB 0

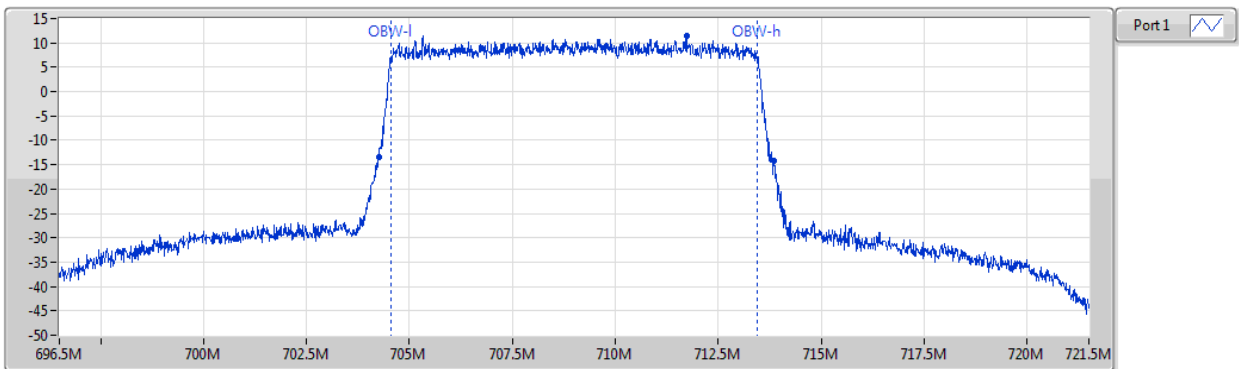


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.638M | 706.2125M | 715.85M | 8.905M | 706.554487M | 715.459088M | 1 | 711M | 25M | 100k | 300k |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

EBW

709MHz_16QAM_RB 50,#RB 0

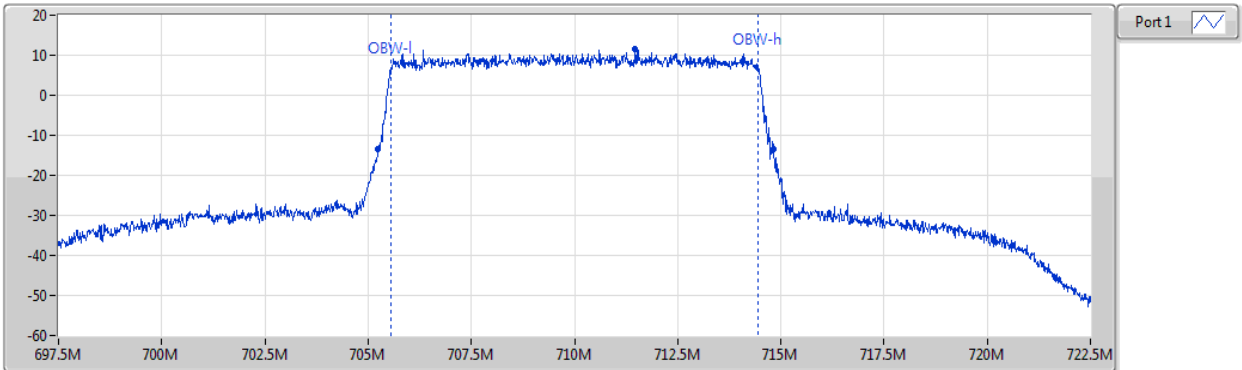


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.613M | 704.25M | 713.8625M | 8.906M | 704.550826M | 713.456967M | 1 | 709M | 25M | 100k | 300k |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

EBW

710MHz_16QAM_RB 50,#RB 0

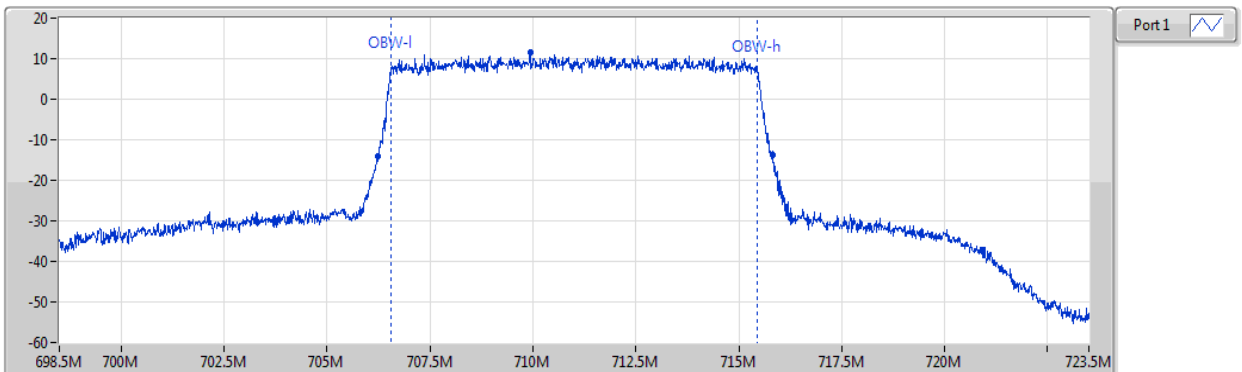


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.6M | 705.2375M | 714.8375M | 8.895M | 705.558842M | 714.454219M | 1 | 710M | 25M | 100k | 300k |

Band 17_LTE_10MHz_Nss1,16QAM_1TX

EBW

711MHz_16QAM_RB 50,#RB 0



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Port | CF(Hz) | Span(Hz) | RBW(Hz) | VBW(Hz) |
|----------|-------------|-------------|---------|-------------|-------------|------|--------|----------|---------|---------|
| 9.613M | 706.225M | 715.8375M | 8.901M | 706.554177M | 715.454715M | 1 | 711M | 25M | 100k | 300k |

3.5 Peak to Average Ratio

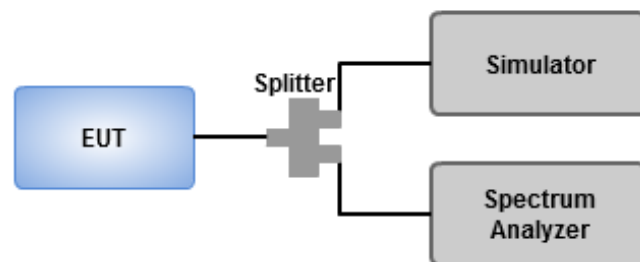
3.5.1 Limit of Peak to Average Ratio

The Peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 Test Procedures

1. Set the number of counts to a value that stabilizes the measured CCDF curve.
2. Set the measurement interval to 1 ms.
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.5.3 Test Setup



3.5.4 Test Result of Peak to Average Ratio

Summary

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|---------------------------|--------|---------------|---------------|------|------|
| Band 12 | - | - | - | - | - |
| LTE_1.4MHz_Nss1,QPSK_1TX | Pass | 707.5 | 13.00 | 5.26 | 1 |
| LTE_1.4MHz_Nss1,16QAM_1TX | Pass | 707.5 | 13.00 | 6.12 | 1 |
| LTE_3MHz_Nss1,QPSK_1TX | Pass | 707.5 | 13.00 | 5.36 | 1 |
| LTE_3MHz_Nss1,16QAM_1TX | Pass | 707.5 | 13.00 | 6.25 | 1 |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 707.5 | 13.00 | 5.33 | 1 |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 707.5 | 13.00 | 6.17 | 1 |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 707.5 | 13.00 | 5.44 | 1 |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 707.5 | 13.00 | 6.26 | 1 |

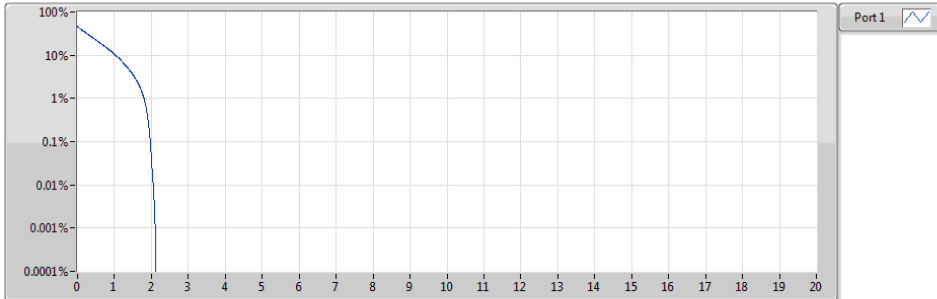
Result

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|-----------------------------|--------|---------------|---------------|------|------|
| Band 12_LTE_1.4MHz_Nss1_1TX | - | - | - | - | - |
| 699.7MHz_QPSK_RB 6,#RB 0 | Pass | 699.7 | 13.00 | 4.93 | 1 |
| 707.5MHz_QPSK_RB 6,#RB 0 | Pass | 707.5 | 13.00 | 5.26 | 1 |
| 715.3MHz_QPSK_RB 6,#RB 0 | Pass | 715.3 | 13.00 | 5.13 | 1 |
| 699.7MHz_16QAM_RB 6,#RB 0 | Pass | 699.7 | 13.00 | 5.76 | 1 |
| 707.5MHz_16QAM_RB 6,#RB 0 | Pass | 707.5 | 13.00 | 6.12 | 1 |
| 715.3MHz_16QAM_RB 6,#RB 0 | Pass | 715.3 | 13.00 | 5.98 | 1 |
| Band 12_LTE_3MHz_Nss1_1TX | - | - | - | - | - |
| 700.5MHz_QPSK_RB 15,#RB 0 | Pass | 700.5 | 13.00 | 5.02 | 1 |
| 707.5MHz_QPSK_RB 15,#RB 0 | Pass | 707.5 | 13.00 | 5.36 | 1 |
| 714.5MHz_QPSK_RB 15,#RB 0 | Pass | 714.5 | 13.00 | 5.27 | 1 |
| 700.5MHz_16QAM_RB 15,#RB 0 | Pass | 700.5 | 13.00 | 5.90 | 1 |
| 707.5MHz_16QAM_RB 15,#RB 0 | Pass | 707.5 | 13.00 | 6.25 | 1 |
| 714.5MHz_16QAM_RB 15,#RB 0 | Pass | 714.5 | 13.00 | 6.11 | 1 |
| Band 12_LTE_5MHz_Nss1_1TX | - | - | - | - | - |
| 701.5MHz_QPSK_RB 25,#RB 0 | Pass | 701.5 | 13.00 | 5.10 | 1 |
| 707.5MHz_QPSK_RB 25,#RB 0 | Pass | 707.5 | 13.00 | 5.33 | 1 |
| 713.5MHz_QPSK_RB 25,#RB 0 | Pass | 713.5 | 13.00 | 5.25 | 1 |
| 701.5MHz_16QAM_RB 25,#RB 0 | Pass | 701.5 | 13.00 | 5.92 | 1 |
| 707.5MHz_16QAM_RB 25,#RB 0 | Pass | 707.5 | 13.00 | 6.17 | 1 |
| 713.5MHz_16QAM_RB 25,#RB 0 | Pass | 713.5 | 13.00 | 6.10 | 1 |
| Band 12_LTE_10MHz_Nss1_1TX | - | - | - | - | - |
| 704MHz_QPSK_RB 50,#RB 0 | Pass | 704 | 13.00 | 5.36 | 1 |
| 707.5MHz_QPSK_RB 50,#RB 0 | Pass | 707.5 | 13.00 | 5.44 | 1 |
| 711MHz_QPSK_RB 50,#RB 0 | Pass | 711 | 13.00 | 5.37 | 1 |
| 704MHz_16QAM_RB 50,#RB 0 | Pass | 704 | 13.00 | 6.18 | 1 |
| 707.5MHz_16QAM_RB 50,#RB 0 | Pass | 707.5 | 13.00 | 6.26 | 1 |
| 711MHz_16QAM_RB 50,#RB 0 | Pass | 711 | 13.00 | 6.16 | 1 |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

PAR

699.7MHz_QPSK_RB 6,#RB 0

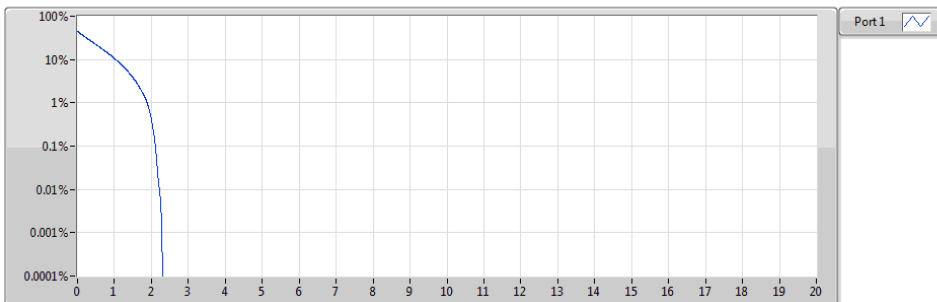


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 699.7 | 20M | 4.93 | -8.07 | 13.00 | 1 |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

PAR

707.5MHz_QPSK_RB 6,#RB 0

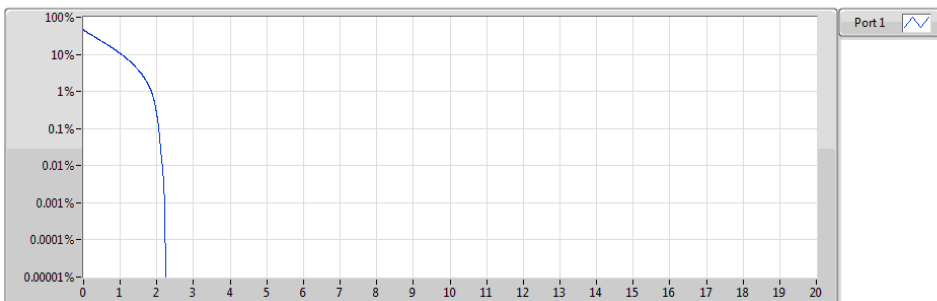


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 707.5 | 20M | 5.26 | -7.74 | 13.00 | 1 |

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX

PAR

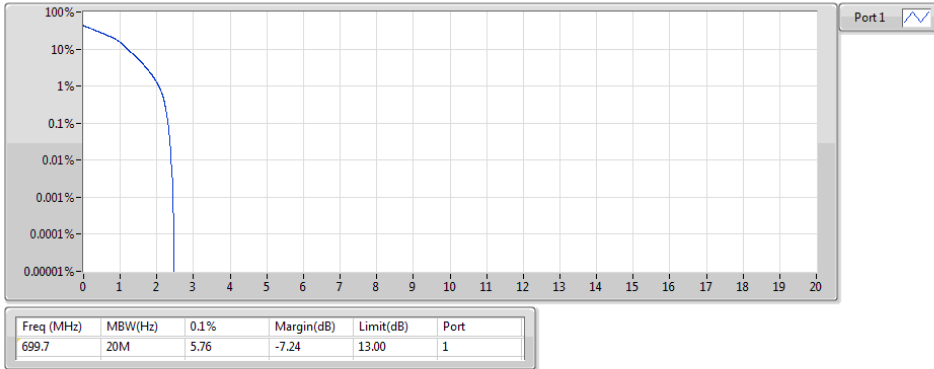
715.3MHz_QPSK_RB 6,#RB 0



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 715.3 | 20M | 5.13 | -7.87 | 13.00 | 1 |

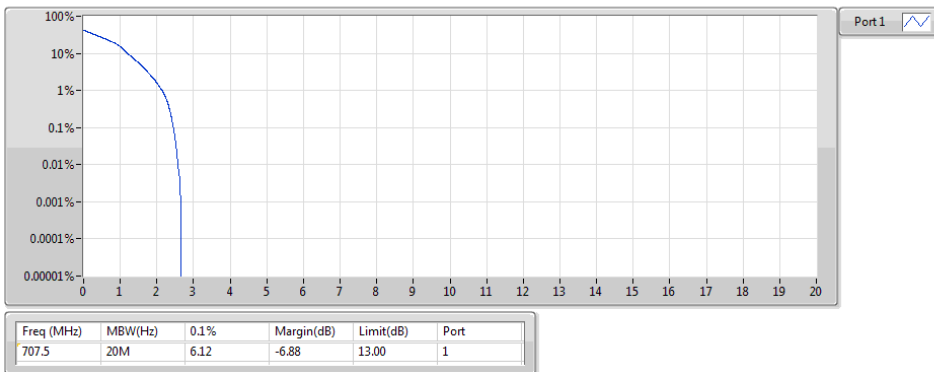
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
699.7MHz_16QAM_RB 6,#RB 0

PAR



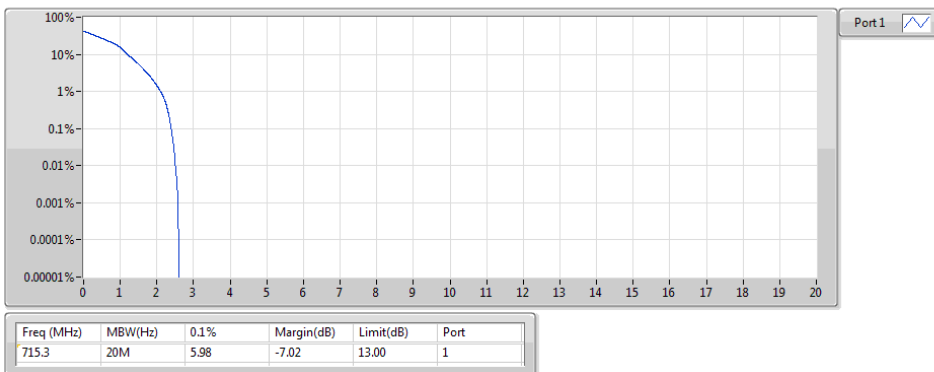
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 6,#RB 0

PAR



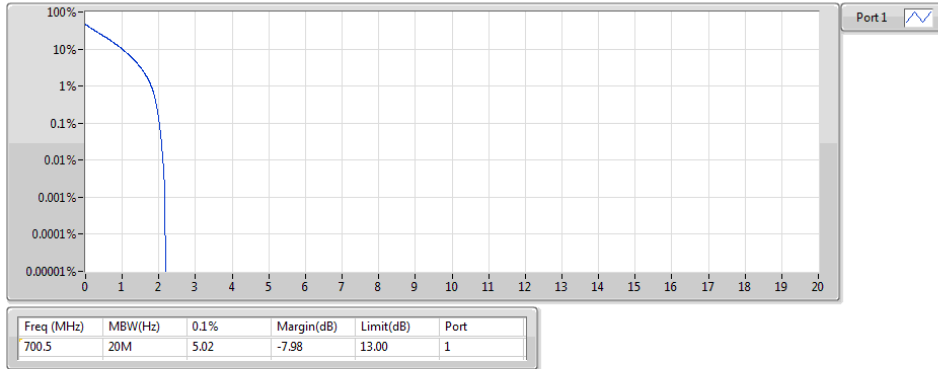
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz_16QAM_RB 6,#RB 0

PAR



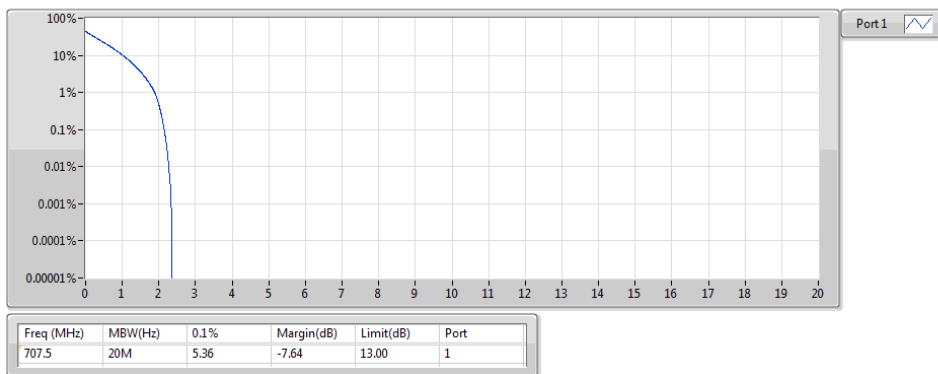
Band 12_LTE_3MHz_Nss1,QPSK_1TX
700.5MHz_QPSK_RB 15,#RB 0

PAR



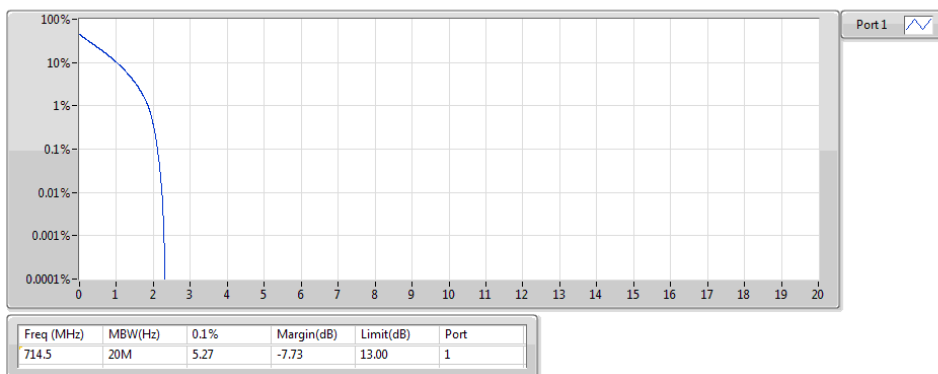
Band 12_LTE_3MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 15,#RB 0

PAR



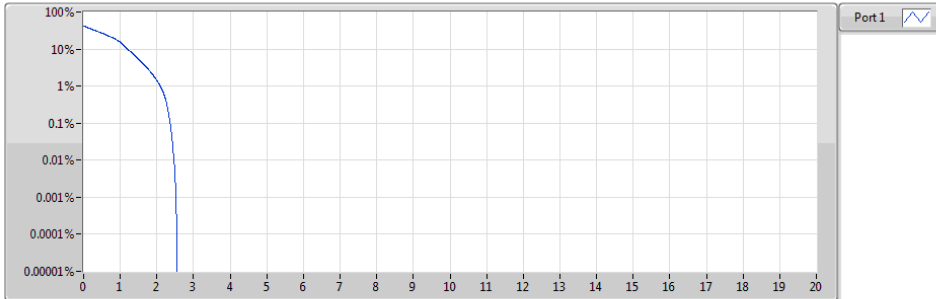
Band 12_LTE_3MHz_Nss1,QPSK_1TX
714.5MHz_QPSK_RB 15,#RB 0

PAR



Band 12_LTE_3MHz_Nss1,16QAM_1TX
700.5MHz_16QAM_RB 15,#RB 0

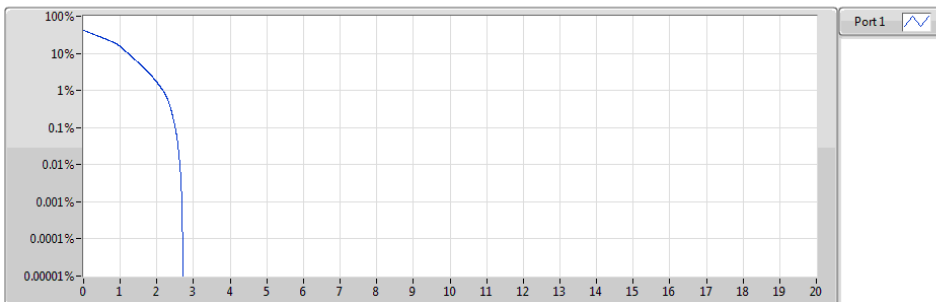
PAR



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 700.5 | 20M | 5.90 | -7.10 | 13.00 | 1 |

Band 12_LTE_3MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 15,#RB 0

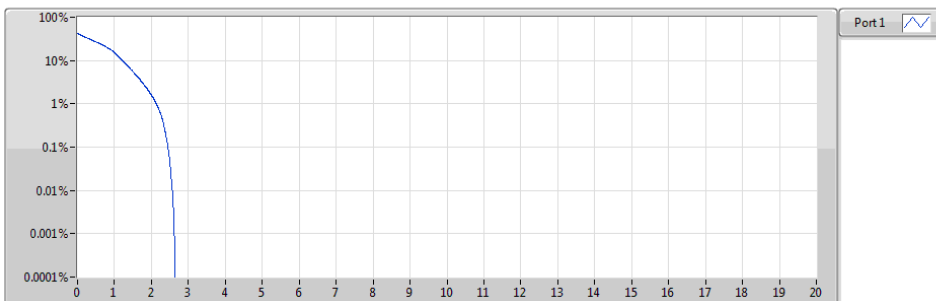
PAR



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 707.5 | 20M | 6.25 | -6.75 | 13.00 | 1 |

Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz_16QAM_RB 15,#RB 0

PAR

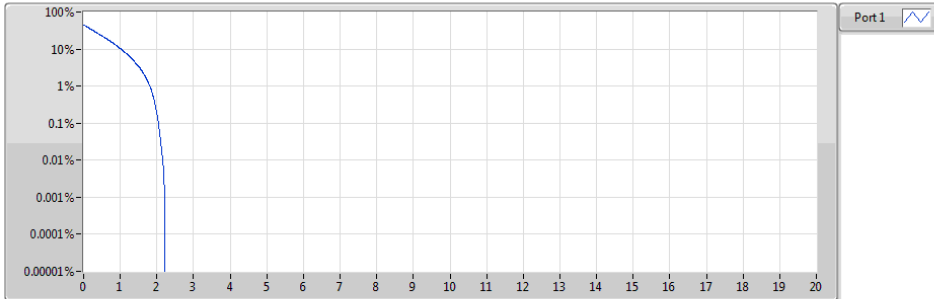


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 714.5 | 20M | 6.11 | -6.89 | 13.00 | 1 |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

PAR

701.5MHz_QPSK_RB 25,#RB 0

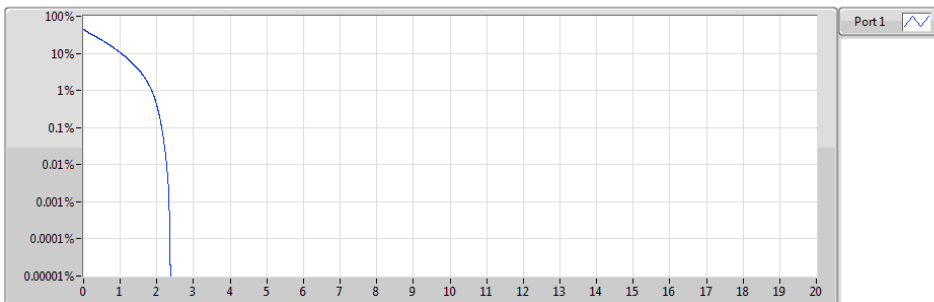


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 701.5 | 20M | 5.10 | -7.90 | 13.00 | 1 |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

PAR

707.5MHz_QPSK_RB 25,#RB 0

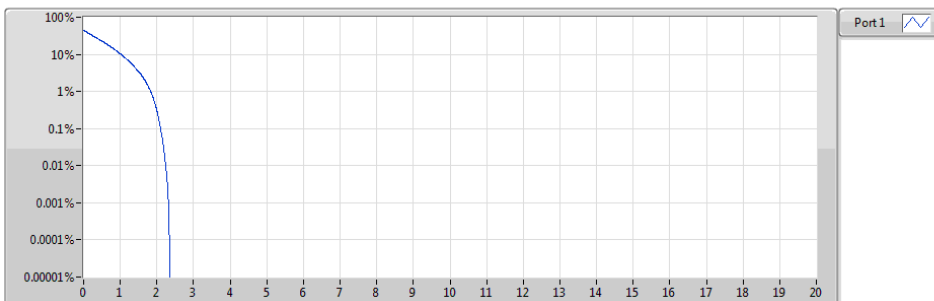


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 707.5 | 20M | 5.33 | -7.67 | 13.00 | 1 |

Band 12_LTE_5MHz_Nss1,QPSK_1TX

PAR

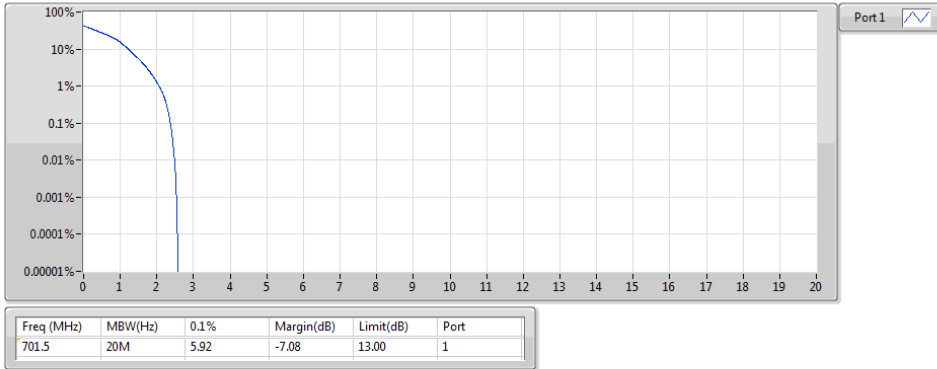
713.5MHz_QPSK_RB 25,#RB 0



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 713.5 | 20M | 5.25 | -7.75 | 13.00 | 1 |

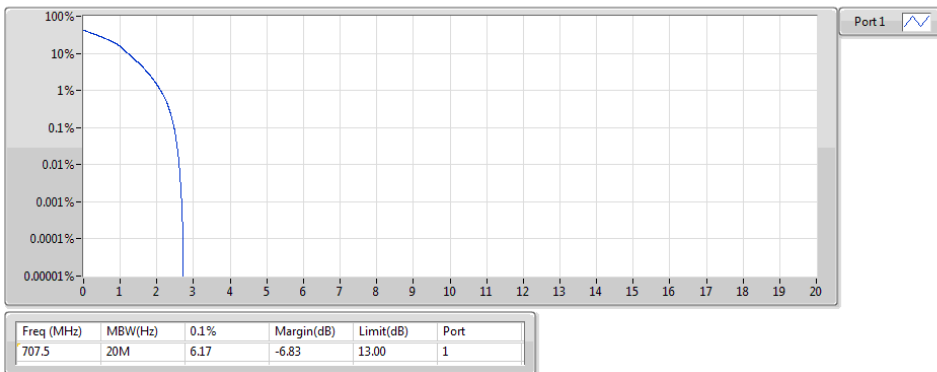
Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz_16QAM_RB 25,#RB 0

PAR



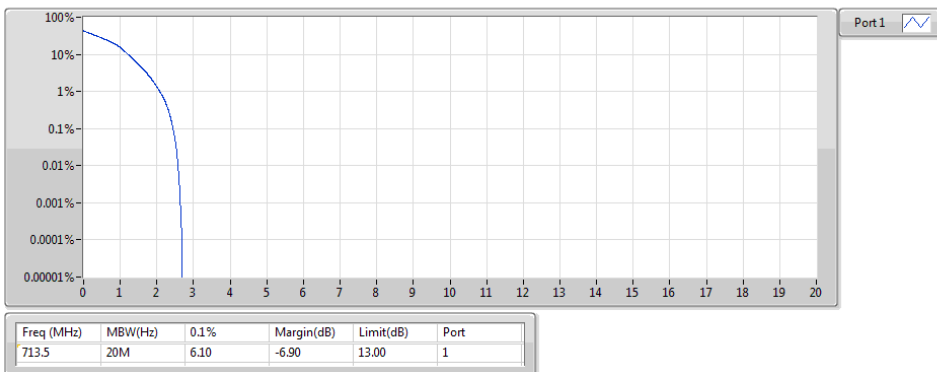
Band 12_LTE_5MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 25,#RB 0

PAR



Band 12_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 25,#RB 0

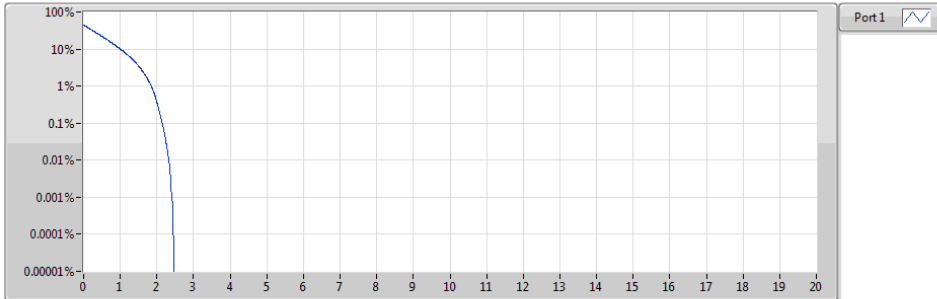
PAR



Band 12_LTE_10MHz_Nss1,QPSK_1TX

PAR

704MHz_QPSK_RB 50,#RB 0

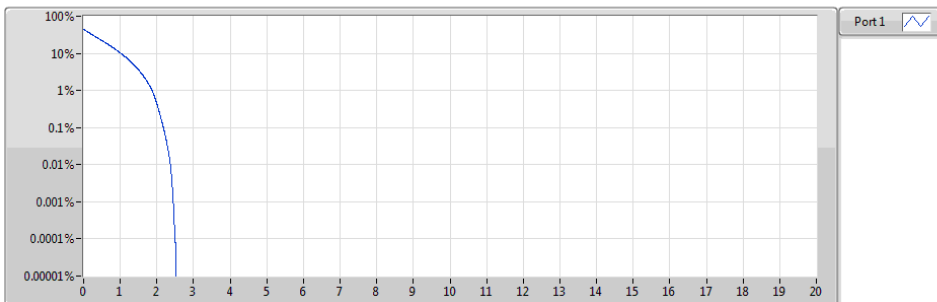


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 704 | 20M | 5.36 | -7.64 | 13.00 | 1 |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

PAR

707.5MHz_QPSK_RB 50,#RB 0

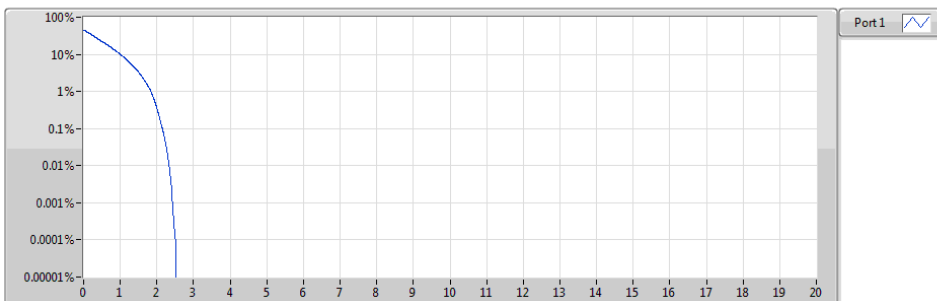


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 707.5 | 20M | 5.44 | -7.56 | 13.00 | 1 |

Band 12_LTE_10MHz_Nss1,QPSK_1TX

PAR

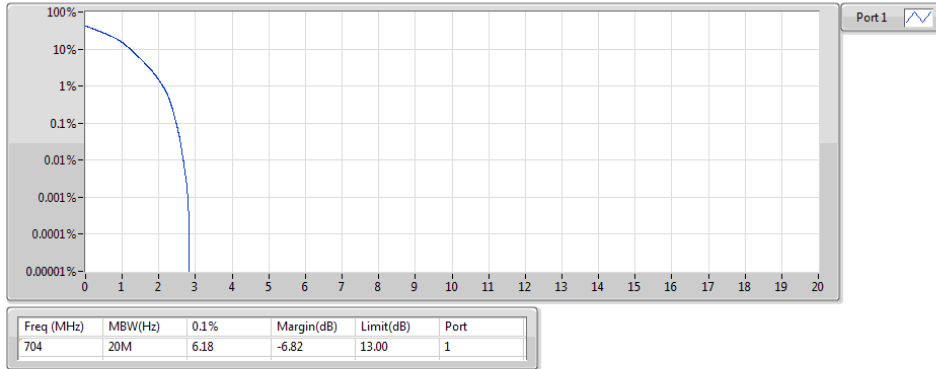
711MHz_QPSK_RB 50,#RB 0



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 711 | 20M | 5.37 | -7.63 | 13.00 | 1 |

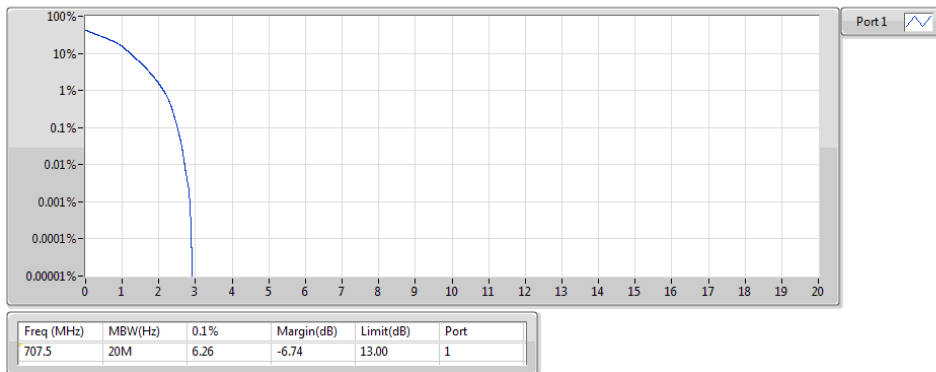
Band 12_LTE_10MHz_Nss1,16QAM_1TX
704MHz_16QAM_RB 50,#RB 0

PAR



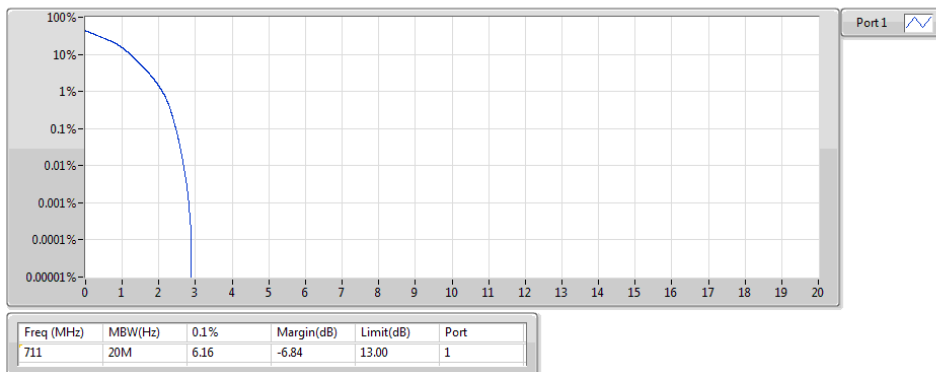
Band 12_LTE_10MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 50,#RB 0

PAR



Band 12_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 50,#RB 0

PAR



Summary

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|--------------------------|--------|------------|------------|------|------|
| Band 17 | - | - | - | - | - |
| LTE_5MHz_Nss1,QPSK_1TX | Pass | 706.5 | 13.00 | 5.34 | 1 |
| LTE_5MHz_Nss1,16QAM_1TX | Pass | 706.5 | 13.00 | 6.16 | 1 |
| LTE_10MHz_Nss1,QPSK_1TX | Pass | 709 | 13.00 | 5.42 | 1 |
| LTE_10MHz_Nss1,16QAM_1TX | Pass | 709 | 13.00 | 6.21 | 1 |

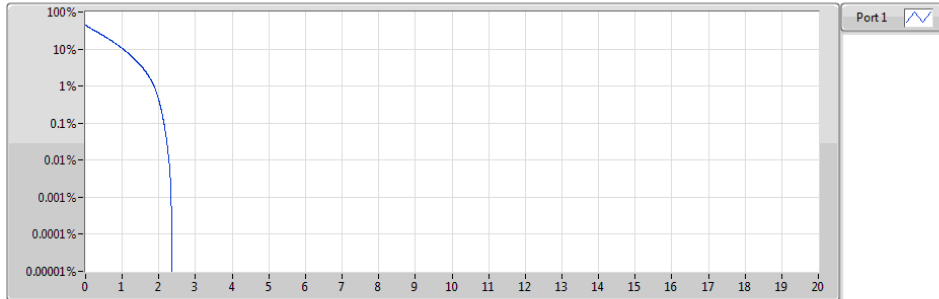
Result

| Mode | Result | Freq (MHz) | Limit (dB) | 0.1% | Port |
|----------------------------|--------|------------|------------|------|------|
| Band 17_LTE_5MHz_Nss1_1TX | - | - | - | - | - |
| 706.5MHz_QPSK_RB 25,#RB 0 | Pass | 706.5 | 13.00 | 5.34 | 1 |
| 710MHz_QPSK_RB 25,#RB 0 | Pass | 710 | 13.00 | 5.25 | 1 |
| 713.5MHz_QPSK_RB 25,#RB 0 | Pass | 713.5 | 13.00 | 5.23 | 1 |
| 706.5MHz_16QAM_RB 25,#RB 0 | Pass | 706.5 | 13.00 | 6.16 | 1 |
| 710MHz_16QAM_RB 25,#RB 0 | Pass | 710 | 13.00 | 6.09 | 1 |
| 713.5MHz_16QAM_RB 25,#RB 0 | Pass | 713.5 | 13.00 | 6.10 | 1 |
| Band 17_LTE_10MHz_Nss1_1TX | - | - | - | - | - |
| 709MHz_QPSK_RB 50,#RB 0 | Pass | 709 | 13.00 | 5.42 | 1 |
| 710MHz_QPSK_RB 50,#RB 0 | Pass | 710 | 13.00 | 5.41 | 1 |
| 711MHz_QPSK_RB 50,#RB 0 | Pass | 711 | 13.00 | 5.34 | 1 |
| 709MHz_16QAM_RB 50,#RB 0 | Pass | 709 | 13.00 | 6.21 | 1 |
| 710MHz_16QAM_RB 50,#RB 0 | Pass | 710 | 13.00 | 6.20 | 1 |
| 711MHz_16QAM_RB 50,#RB 0 | Pass | 711 | 13.00 | 6.17 | 1 |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

PAR

706.5MHz_QPSK_RB 25,#RB 0

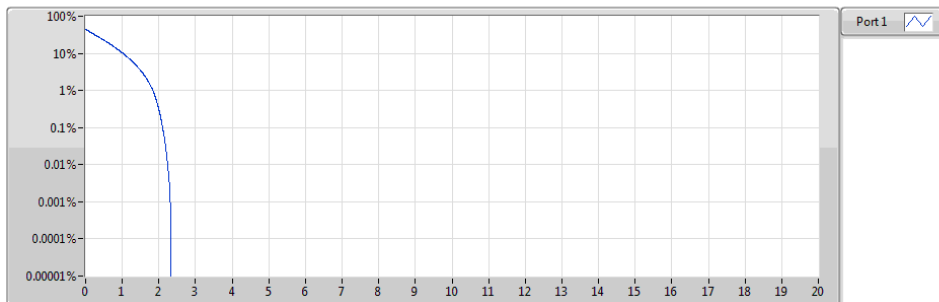


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 706.5 | 20M | 5.34 | -7.66 | 13.00 | 1 |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

PAR

710MHz_QPSK_RB 25,#RB 0

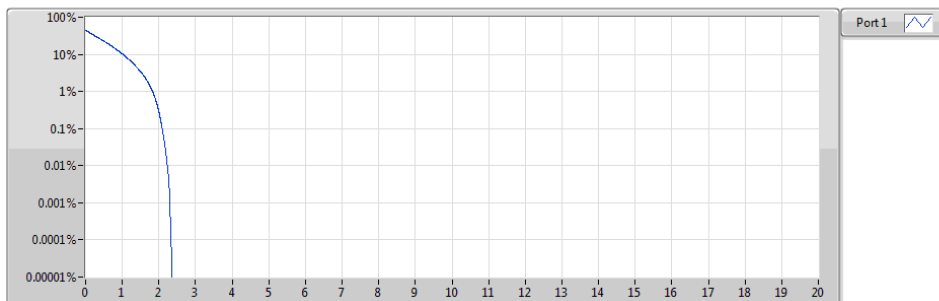


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 710 | 20M | 5.25 | -7.75 | 13.00 | 1 |

Band 17_LTE_5MHz_Nss1,QPSK_1TX

PAR

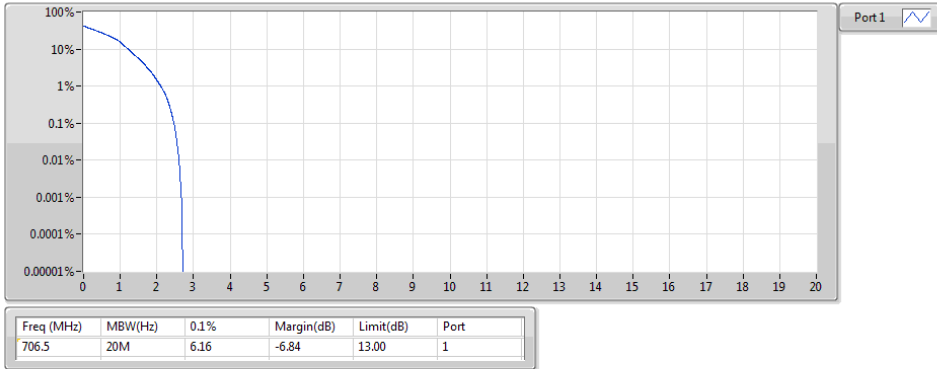
713.5MHz_QPSK_RB 25,#RB 0



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 713.5 | 20M | 5.23 | -7.77 | 13.00 | 1 |

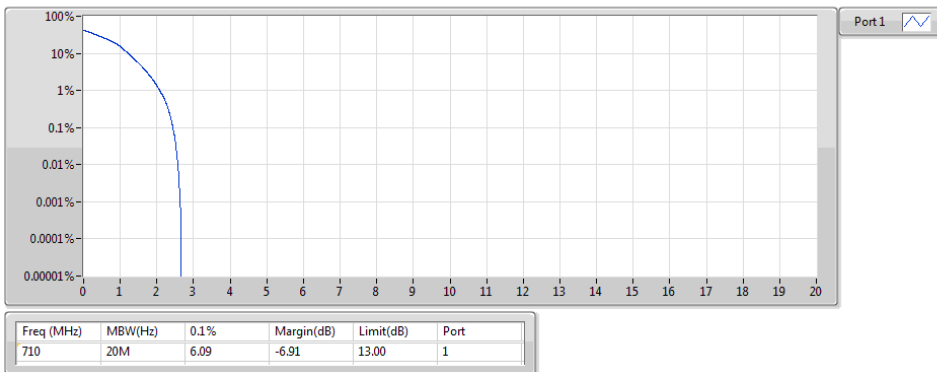
Band 17_LTE_5MHz_Nss1,16QAM_1TX
706.5MHz_16QAM_RB 25,#RB 0

PAR



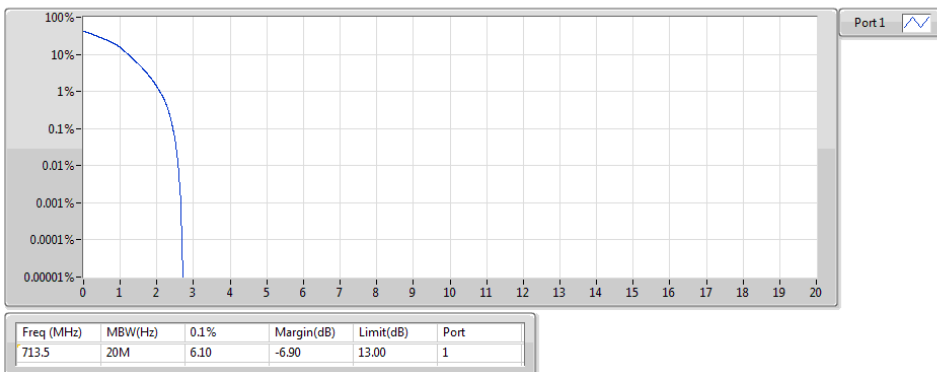
Band 17_LTE_5MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 25,#RB 0

PAR



Band 17_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 25,#RB 0

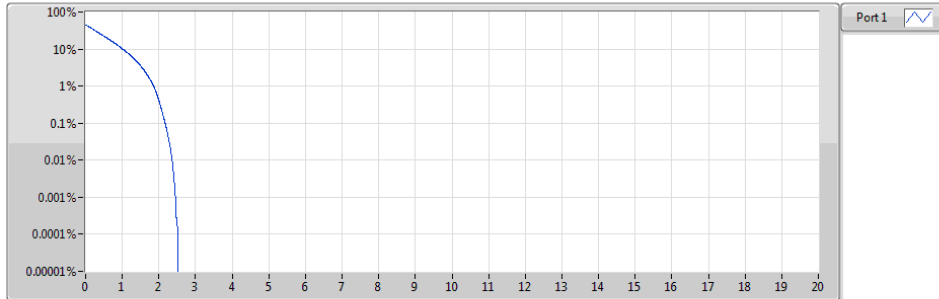
PAR



Band 17_LTE_10MHz_Nss1,QPSK_1TX

PAR

709MHz_QPSK_RB 50,#RB 0

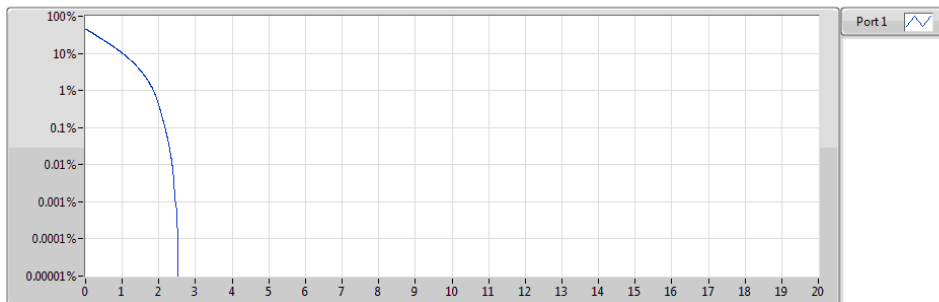


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 709 | 20M | 5.42 | -7.58 | 13.00 | 1 |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

PAR

710MHz_QPSK_RB 50,#RB 0

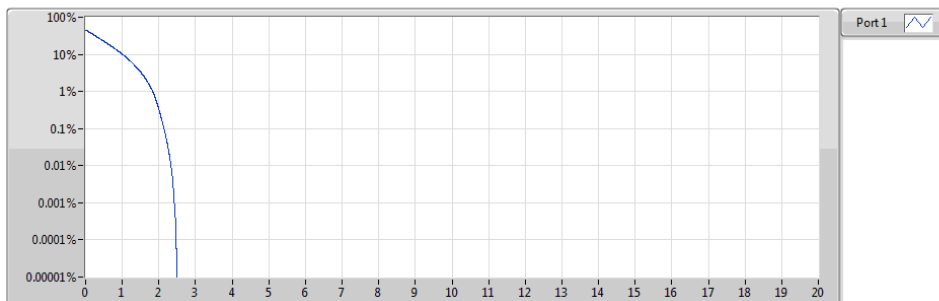


| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 710 | 20M | 5.41 | -7.59 | 13.00 | 1 |

Band 17_LTE_10MHz_Nss1,QPSK_1TX

PAR

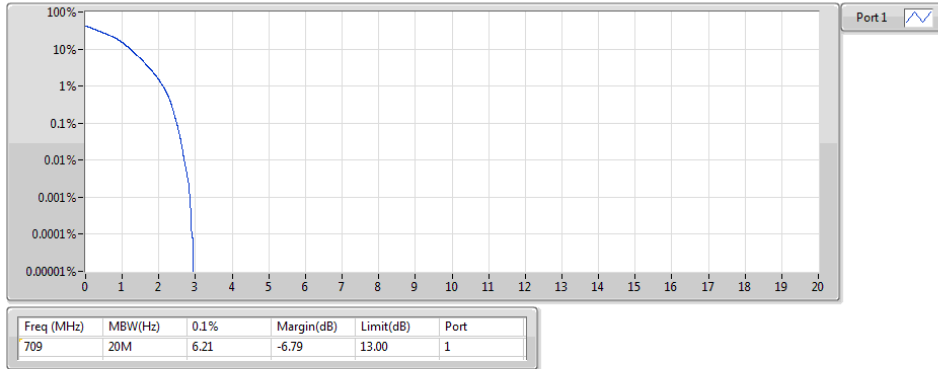
711MHz_QPSK_RB 50,#RB 0



| Freq (MHz) | MBW(Hz) | 0.1% | Margin(dB) | Limit(dB) | Port |
|------------|---------|------|------------|-----------|------|
| 711 | 20M | 5.34 | -7.66 | 13.00 | 1 |

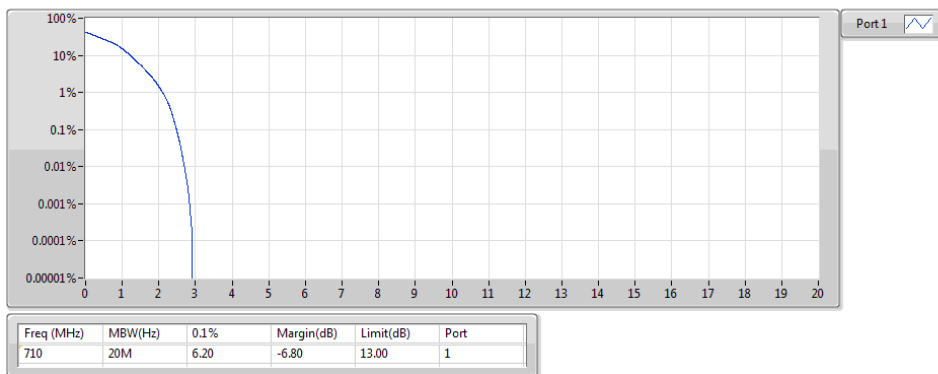
Band 17_LTE_10MHz_Nss1,16QAM_1TX
709MHz_16QAM_RB 50,#RB 0

PAR



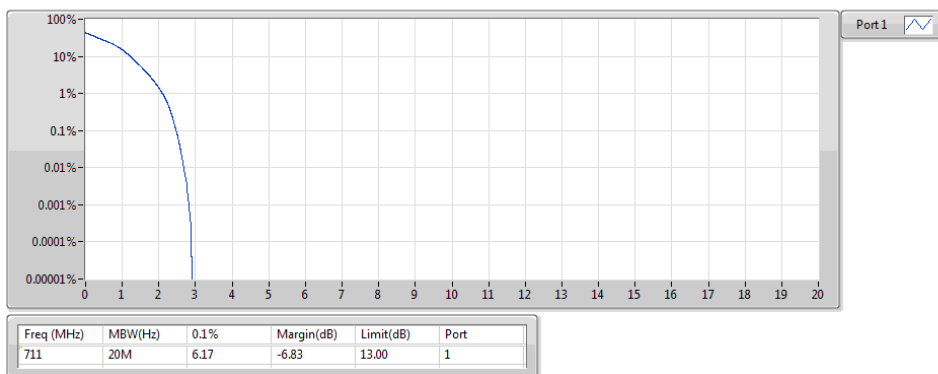
Band 17_LTE_10MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 50,#RB 0

PAR



Band 17_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 50,#RB 0

PAR



3.6 Frequency Stability

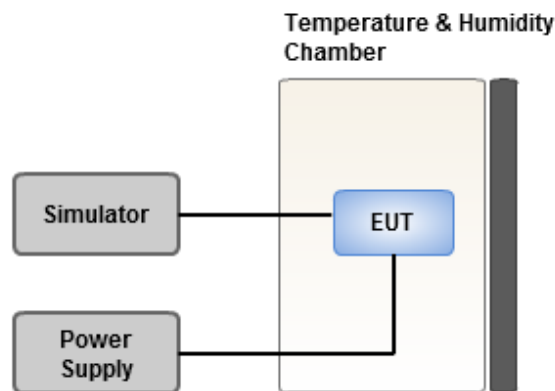
3.6.1 Limit of Frequency Stability

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

| LTE Band 12, CB: 1.4MHz | | |
|-------------------------|--------------|-----------------------|
| Temperature (°C) | Voltage (dc) | Frequency Drift (ppm) |
| 20 | 4.29 | 0.001 |
| 20 | 3.51 | 0.002 |
| 55 | 3.9 | 0.001 |
| 50 | 3.9 | 0.001 |
| 40 | 3.9 | 0.002 |
| 30 | 3.9 | 0.001 |
| 20 | 3.9 | 0.002 |
| 10 | 3.9 | 0.002 |
| 0 | 3.9 | 0.002 |
| -10 | 3.9 | 0.001 |
| -20 | 3.9 | 0.001 |
| -30 | 3.9 | -0.001 |

| LTE Band 12, CB: 3MHz | | |
|-----------------------|--------------|-----------------------|
| Temperature (°C) | Voltage (dc) | Frequency Drift (ppm) |
| 20 | 4.29 | 0.002 |
| 20 | 3.51 | 0.002 |
| 55 | 3.9 | 0.001 |
| 50 | 3.9 | 0.002 |
| 40 | 3.9 | 0.002 |
| 30 | 3.9 | 0.001 |
| 20 | 3.9 | 0.001 |
| 10 | 3.9 | 0.002 |
| 0 | 3.9 | 0.002 |
| -10 | 3.9 | 0.001 |
| -20 | 3.9 | -0.001 |
| -30 | 3.9 | -0.001 |

| LTE Band 12, CB: 5MHz | | |
|------------------------------|---------------------|------------------------------|
| Temperature (°C) | Voltage (dc) | Frequency Drift (ppm) |
| 20 | 4.29 | 0.002 |
| 20 | 3.51 | 0.002 |
| 55 | 3.9 | 0.001 |
| 50 | 3.9 | 0.001 |
| 40 | 3.9 | 0.002 |
| 30 | 3.9 | 0.001 |
| 20 | 3.9 | 0.002 |
| 10 | 3.9 | 0.002 |
| 0 | 3.9 | 0.001 |
| -10 | 3.9 | 0.001 |
| -20 | 3.9 | -0.001 |
| -30 | 3.9 | -0.002 |

| LTE Band 12, CB: 10MHz | | |
|-------------------------------|---------------------|------------------------------|
| Temperature (°C) | Voltage (dc) | Frequency Drift (ppm) |
| 20 | 4.29 | 0.002 |
| 20 | 3.51 | 0.002 |
| 55 | 3.9 | 0.002 |
| 50 | 3.9 | 0.001 |
| 40 | 3.9 | 0.001 |
| 30 | 3.9 | 0.001 |
| 20 | 3.9 | 0.002 |
| 10 | 3.9 | 0.001 |
| 0 | 3.9 | 0.002 |
| -10 | 3.9 | 0.002 |
| -20 | 3.9 | 0.001 |
| -30 | 3.9 | -0.002 |

| LTE Band 17, CB: 5MHz | | |
|------------------------------|---------------------|------------------------------|
| Temperature (°C) | Voltage (dc) | Frequency Drift (ppm) |
| 20 | 4.29 | 0.002 |
| 20 | 3.51 | 0.002 |
| 55 | 3.9 | 0.001 |
| 50 | 3.9 | 0.002 |
| 40 | 3.9 | 0.002 |
| 30 | 3.9 | 0.001 |
| 20 | 3.9 | 0.002 |
| 10 | 3.9 | 0.001 |
| 0 | 3.9 | 0.002 |
| -10 | 3.9 | 0.002 |
| -20 | 3.9 | 0.001 |
| -30 | 3.9 | -0.002 |

| LTE Band 17, CB: 10MHz | | |
|-------------------------------|---------------------|------------------------------|
| Temperature (°C) | Voltage (dc) | Frequency Drift (ppm) |
| 20 | 4.29 | 0.001 |
| 20 | 3.51 | 0.002 |
| 55 | 3.9 | 0.002 |
| 50 | 3.9 | 0.001 |
| 40 | 3.9 | 0.002 |
| 30 | 3.9 | 0.001 |
| 20 | 3.9 | 0.001 |
| 10 | 3.9 | 0.001 |
| 0 | 3.9 | 0.002 |
| -10 | 3.9 | 0.001 |
| -20 | 3.9 | 0.001 |
| -30 | 3.9 | -0.001 |

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 Corp (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 District, Tao Yuan City
333, Taiwan, R.O.C.

Kwei Shan Site II

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd
St., Kwei Shan District, 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: 886-3-318-0155

Email: ICC_Service@icertifi.com.tw

==END==