

# FCC Test Report

**FCC ID** : 2ASKHAQG01  
**Equipment** : Arrow-VI  
**Model No.** : 4-6340-17  
(Please refer to section 1.1.1 for more details)  
**Brand Name** : PHILLIPS CONNECT TECHNOLOGIES  
**Applicant** : PHILLIPS CONNECT TECHNOLOGIES LLC  
**Address** : 12012 Burke Street, SANTA FE SPRINGS,  
California, 90670-2676, United States  
**Standard** : 47 CFR FCC Part 22 Subpart H  
**Received Date** : Jan. 06, 2021  
**Tested Date** : Jan. 08 ~ Jan. 18, 2021

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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**LTE BAND 26**

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

**APPENDIX B TEST RESULTS FOR RADIATED EMISSIONS**

**APPENDIX C.1 TEST RESULTS FOR OUT OF BAND EMISSIONS**

**APPENDIX C.2 TEST RESULTS FOR BAND EDGE**

**APPENDIX D TEST RESULTS FOR OCCUPIED AND 26 dB BANDWIDTH**

**APPENDIX E TEST RESULTS FOR PEAK TO AVERAGE POWER RATIO**

**APPENDIX F TEST RESULTS FOR FREQUENCY STABILITY**

**LTE BAND 5**

**APPENDIX G TEST RESULTS FOR EFFECTIVE RADIATED POWER**

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## Release Record

Report No.	Version	Description	Issued Date
FG110604P22	Rev. 01	Initial issue	Feb. 03, 2021

## Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 22.913(a)(5)	Effective Radiated Power	Power[dBm] :19.80	Pass
2.1053 / 22.917(a)	Radiated Emissions	Meet the requirement of limit	Pass
2.1051 / 22.917(a)	Conducted Emissions	Meet the requirement of limit	Pass
2.1051 / 22.917(a)	Band Edge	Meet the requirement of limit	Pass
2.1049	Occupied Bandwidth	Meet the requirement of limit	Pass
-	Peak to Average Power Ratio	Meet the requirement of limit	Pass
2.1055 / 22.355	Frequency Stability	Meet the requirement of limit	Pass

### Declaration of Conformity:

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

### Comments and Explanations:

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

# 1 General Description

## 1.1 Information

### 1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
PHILLIPS CONNECT TECHNOLOGIES	4-6340-17	Arrow-VI	LTE Cellular GPS Tracker
	4-6340-10		
	4-6341-17		
	4-6341-10		
† All models are electrically identical, different model names are for marking purpose.			

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

<b>Operating Frequency</b>	LTE Band 5: Channel Bandwidth: 1.4MHz: 824.7 MHz ~ 848.3 MHz Channel Bandwidth: 3MHz: 825.5 MHz ~ 847.5 MHz Channel Bandwidth: 5MHz: 826.5 MHz ~ 846.5 MHz Channel Bandwidth: 10MHz: 829 MHz ~ 844 MHz LTE Band 26 Channel Bandwidth: 1.4MHz: 824.7 MHz ~ 848.3 MHz Channel Bandwidth: 3MHz: 825.5 MHz ~ 847.5 MHz Channel Bandwidth: 5MHz: 826.5 MHz ~ 846.5 MHz Channel Bandwidth: 10MHz: 829 MHz ~ 844 MHz Channel Bandwidth: 15MHz: 831.5 MHz ~ 841.5 MHz
<b>Modulation</b>	LTE: QPSK, 16QAM
<b>UE Category</b>	M1
<b>Release Version</b>	13

### 1.1.3 Antenna Details

Ant. No.	Type	Connector	Gain (dBi)	Remark
1	Monopole	No	0.8	-

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

<b>Supply Voltage</b>	12Vdc from battery		
<b>Operational Voltage</b>	<input checked="" type="checkbox"/> Vnom (12 V)	<input checked="" type="checkbox"/> Vmax (14 V)	<input checked="" type="checkbox"/> Vmin (10 V)
<b>Operational Climatic</b>	<input checked="" type="checkbox"/> Tnom (20°C)	<input checked="" type="checkbox"/> Tmax (60°C)	<input checked="" type="checkbox"/> Tmin (0°C)

### 1.1.5 Accessories

N/A

### 1.1.6 Maximum ERP and Emission Designator

Channel Bandwidth	Modulation	Maximum ERP(W)	Emission Designator
1.4 MHz	QPSK	0.089	1M08G7D
1.4 MHz	16QAM	0.072	1M08W7D
3 MHz	QPSK	0.094	1M08G7D
3 MHz	16QAM	0.074	1M08W7D
5 MHz	QPSK	0.096	1M09G7D
5 MHz	16QAM	0.095	1M09W7D
10 MHz	QPSK	0.090	1M09G7D
10 MHz	16QAM	0.090	1M09W7D
15 MHz	QPSK	0.090	1M10G7D
15 MHz	16QAM	0.089	1M11W7D

### 1.1.7 Operating Channel List

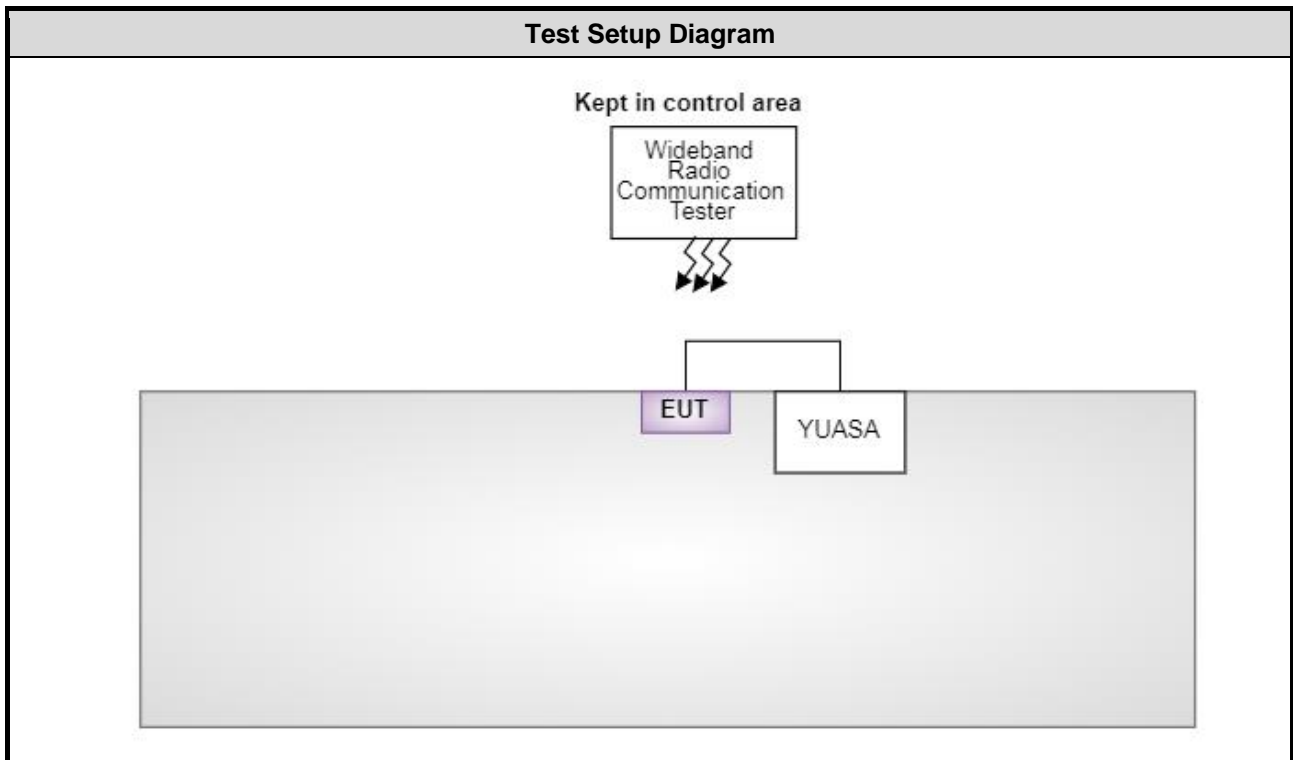
LTE Band 5		
Channel Bandwidths (MHz)	Channel	Frequency (MHz)
1.4	20407	824.7
1.4	20525	836.5
1.4	20643	848.3
3	20415	825.5
3	20525	836.5
3	20635	847.5
5	20425	826.5
5	20525	836.5
5	20625	846.5
10	20450	829.0
10	20525	836.5
10	20600	844.0

LTE Band 26		
Channel Bandwidth (MHz)	Channel	Frequency (MHz)
1.4	26797	824.7
1.4	26915	836.5
1.4	27033	848.3
3	26805	825.5
3	26915	836.5
3	27025	847.5
5	26815	826.5
5	26915	836.5
5	27015	846.5
10	26840	829.0
10	26915	836.5
10	26990	844.0
15	26865	831.5
15	26915	836.5
15	26965	841.5

## 1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	DC Battery	YUASA	38B19R(S)-MF	---	---

## 1.3 Test Setup Chart





## 1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Jan. 09 ~ Jan. 12, 2021				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Wideband Radio Communication Tester	R&S	CMW500	106070	Feb. 06, 2020	Feb. 05, 2021
Spectrum Analyzer	R&S	FSV40	101498	Dec. 04, 2020	Dec. 03, 2021
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 10, 2020	Jul. 09, 2021
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 11, 2020	Dec. 10, 2021
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 06, 2020	Nov. 05, 2021
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2020	Nov. 16, 2021
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 06, 2020	Oct. 05, 2021
Preamplifier	EMC	EMC02325	980225	Jul. 03, 2020	Jul. 02, 2021
Preamplifier	Agilent	83017A	MY39501308	Sep. 26, 2020	Sep. 25, 2021
Preamplifier	EMC	EMC184045B	980192	Jul. 21, 2020	Jul. 20, 2021
RF Cable	EMC	EMCCFD400-SM-SM-8000	181106	Oct. 06, 2020	Oct. 05, 2021
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 06, 2020	Oct. 05, 2021
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 06, 2020	Oct. 05, 2021
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 06, 2020	Oct. 05, 2021
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 06, 2020	Oct. 05, 2021
LF cable 11M	EMC	EMCCFD400-NW-N W-11000	200801	Oct. 06, 2020	Oct. 05, 2021
Measurement Software	AUDIX	e3	6.120210g	NA	NA

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

<b>Test Item</b>	RF Conducted				
<b>Test Site</b>	(TH01-WS)				
<b>Tested Date</b>	Jan. 08 ~ Jan. 18, 2021				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101063	Apr. 30, 2020	Apr. 29, 2021
Power Meter	Anritsu	ML2495A	1241002	Nov. 04, 2020	Nov. 03, 2021
Power Sensor	Anritsu	MA2411B	1207366	Nov. 04, 2020	Nov. 03, 2021
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	May 06, 2020	May 05, 2021
DC POWER SOURCE	GW INSTRON	GPC-6030D	GES855395	Nov. 09, 2020	Nov. 08, 2021
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

## 1.5 Test Standards

47 CFR FCC Part 22 Subpart H  
ANSI C63.26-2015

## 1.6 Reference Guidance

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

## 1.7 Deviation from Test Standard and Measurement Procedure

None

## 1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	±1×10 <sup>-9</sup>
Conducted emission	±2.715 dB
Radiated emission ≤ 1GHz	±3.41 dB
Radiated emission > 1GHz	±4.59 dB
Temperature	±0.4 °C

## 2 Test Configuration

### 2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	20-22°C / 68-69%	Brad Wu Akun Chung
RF Conducted	TH01-WS	22-24°C / 61-66%	Aska Huang

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

### 2.2 Testing Facility

Test Laboratory	International Certification Corp.
Test Site	03CH01-WS, TH01-WS
Address of Test Site	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.

## 2.3 The Worst Test Modes and Channel Details

LTE Band 5			
Test item	Channel Bandwidths	Modulation	Test channel
Effective Radiated Power	1.4 MHz	QPSK / 16QAM	824.7 / 836.5 / 848.3
	3 MHz	QPSK / 16QAM	825.5 / 836.5 / 847.5
	5 MHz	QPSK / 16QAM	826.5 / 836.5 / 846.5
	10 MHz	QPSK / 16QAM	829.0 / 836.5 / 844.0

LTE Band 26			
Test item	Channel Bandwidths	Modulation	Test channel
Effective Radiated Power Conducted Emissions Occupied Bandwidth Peak to Average Ratio	1.4 MHz	QPSK / 16QAM	824.7 / 836.5 / 848.3
	3 MHz	QPSK / 16QAM	825.5 / 836.5 / 847.5
	5 MHz	QPSK / 16QAM	826.5 / 836.5 / 846.5
	10 MHz	QPSK / 16QAM	829.0 / 836.5 / 844.0
	15 MHz	QPSK / 16QAM	831.5 / 836.5 / 841.5
Radiated Emission ≤ 1GHz	1.4 MHz	QPSK	824.7
	3 MHz	QPSK	825.5
	5 MHz	QPSK	826.5
	10 MHz	QPSK	829.0
	15 MHz	QPSK	831.5
Radiated Emission > 1GHz	1.4 MHz	QPSK	824.7 / 836.5 / 848.3
	3 MHz	QPSK	825.5 / 836.5 / 847.5
	5 MHz	QPSK	826.5 / 836.5 / 846.5
	10 MHz	QPSK	829.0 / 836.5 / 844.0
	15 MHz	QPSK	831.5 / 836.5 / 841.5
Band Edge	1.4 MHz	QPSK / 16QAM	824.7 / 848.3
	3 MHz	QPSK / 16QAM	825.5 / 847.5
	5 MHz	QPSK / 16QAM	826.5 / 846.5
	10 MHz	QPSK / 16QAM	829.0 / 844.0
	15 MHz	QPSK / 16QAM	831.5 / 841.5
Frequency Stability	1.4 MHz	QPSK	836.5
	3 MHz	QPSK	836.5
	5 MHz	QPSK	836.5
	10 MHz	QPSK	836.5
	15 MHz	QPSK	836.5

**Note:**

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Y-plane results were found as the worst case and were shown in this report.
2. LTE band 5 is a subset of LTE Band 26. After pretest of LTE band 5 and 26 and found the worst mode is LTE band 26. Thus, LTE band 26 is selected to test.

### 3 Test Results

#### 3.1 Effective Radiated Power

##### 3.1.1 Limit of Effective Radiated Power

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

##### 3.1.2 Test Procedures

**For Conducted power measurement:**

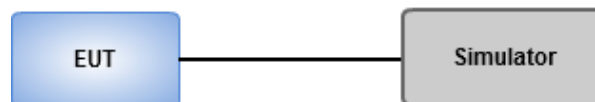
1. The EUT links up with simulator and is set to maximum output power level at low / middle / high channel.
2. Measure the output power of low / middle / high channel of the EUT.

**For ERP measurement:**

**ERP 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.  $ERP = EIRP - 2.15 \text{ dB}$ .

##### 3.1.3 Test Setup



##### 3.1.4 Test Result of Effective Radiated Power and Conducted Power (dBm)

Refer to Appendix A, G.

## 3.2 Radiated Emissions

### 3.2.1 Limit of Radiated Emissions

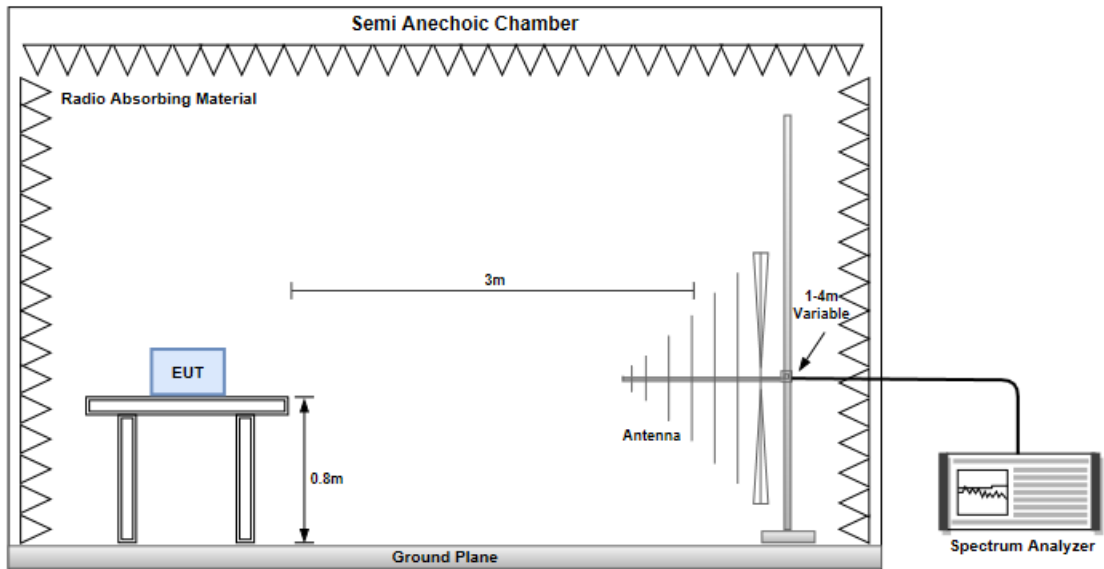
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB equal to -13dBm.

### 3.2.2 Test Procedures

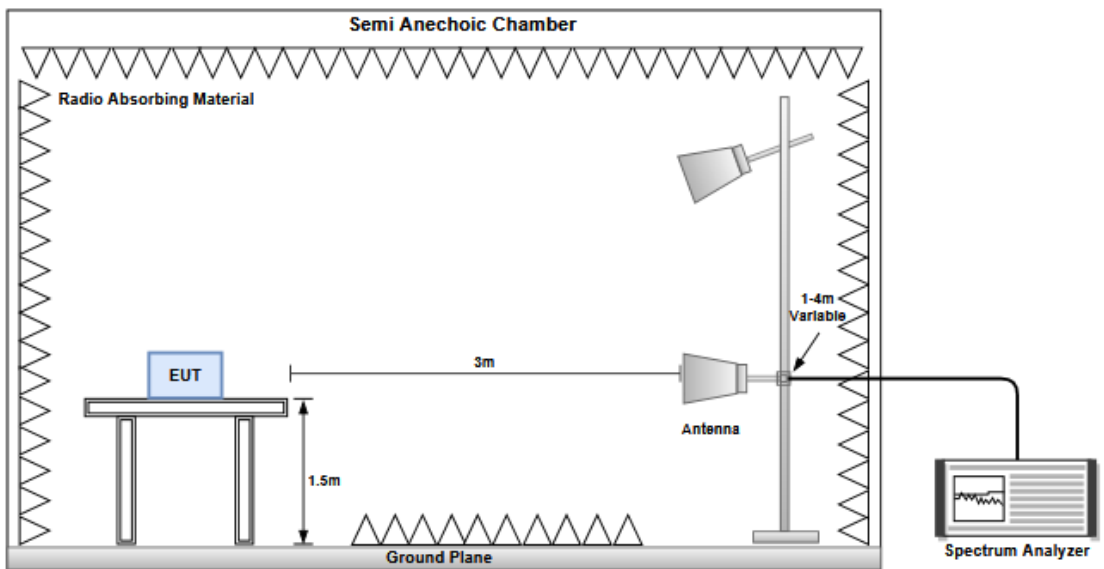
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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

Refer to Appendix B.



### 3.3 Out of Band Emissions & Band Edge

#### 3.3.1 Limit of Out of Band 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

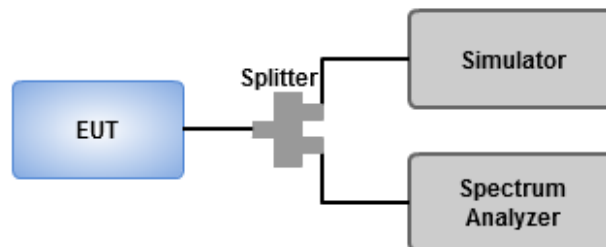
##### Out of band emission

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 = 1 MHz, VBW = 3 MHz, 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

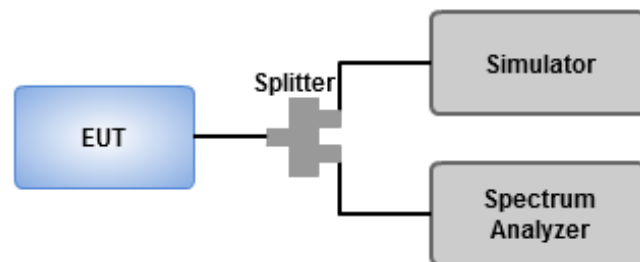
Refer to Appendix C.1, C.2.

## 3.4 Occupied and 26 dB 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 and 26 dB Bandwidth

Refer to Appendix D.

## 3.5 Peak to Average Power Ratio

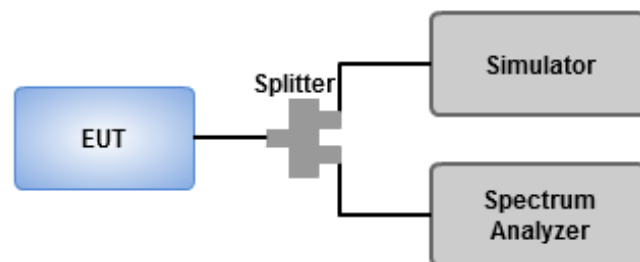
### 3.5.1 Limit of Peak to Average Power Ratio

Peak-to-average power ratio of the transmission may not exceed 13 dB.

### 3.5.2 Test Procedures

1. Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth.
2. Set the number of counts to a value that stabilizes the measured CCDF curve.
3. Set the measurement interval to 1 ms.
4. 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 Power Ratio

Refer to Appendix E.

## 3.6 Frequency Stability

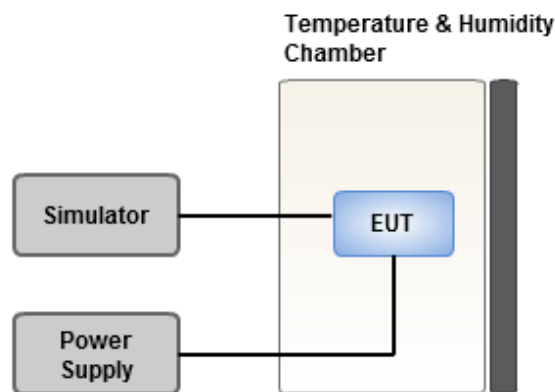
### 3.6.1 Limit of Frequency Stability

The frequency stability shall be less +/- 2.5ppm.

### 3.6.2 Test Procedures

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

### 3.6.3 Test Setup



### 3.6.4 Test Result of Frequency Stability

Refer to Appendix F.

## 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==



Summary

Mode	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)
Band 26	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	20.86	0.122	19.51	0.08933
LTE-M1_1.4MHz_Nss1,16QAM_1TX	19.73	0.094	18.38	0.06887
LTE-M1_3MHz_Nss1,QPSK_1TX	21.06	0.128	19.71	0.09354
LTE-M1_3MHz_Nss1,16QAM_1TX	19.82	0.096	18.47	0.07031
LTE-M1_5MHz_Nss1,QPSK_1TX	21.15	0.130	19.80	0.09550
LTE-M1_5MHz_Nss1,16QAM_1TX	20.90	0.123	19.55	0.09016
LTE-M1_10MHz_Nss1,QPSK_1TX	20.91	0.123	19.56	0.09036
LTE-M1_10MHz_Nss1,16QAM_1TX	20.88	0.122	19.53	0.08974
LTE-M1_15MHz_Nss1,QPSK_1TX	20.89	0.123	19.54	0.08995
LTE-M1_15MHz_Nss1,16QAM_1TX	20.86	0.122	19.51	0.08933



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 26_LTE-M1_1.4MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
824.7MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.66	19.51	0.08933	7	20.86	0.122	Inf	20.86
824.7MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.50	19.35	0.08610	7	20.70	0.117	Inf	20.7
824.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.04	16.89	0.04887	7	18.24	0.067	Inf	18.24
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
836.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.03	16.88	0.04875	7	18.23	0.067	Inf	18.23
848.3MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.00	18.85	0.07674	7	20.20	0.105	Inf	20.2
848.3MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	20.89	18.74	0.07482	7	20.09	0.102	Inf	20.09
848.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.10	16.95	0.04955	7	18.30	0.068	Inf	18.3
824.7MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.36	18.21	0.06622	7	19.56	0.090	Inf	19.56
824.7MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.18	18.03	0.06353	7	19.38	0.087	Inf	19.38
824.7MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.19	17.04	0.05058	7	18.39	0.069	Inf	18.39
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.35	18.20	0.06607	7	19.55	0.090	Inf	19.55
836.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.04	17.89	0.06152	7	19.24	0.084	Inf	19.24
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.08	16.93	0.04932	7	18.28	0.067	Inf	18.28
848.3MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.53	18.38	0.06887	7	19.73	0.094	Inf	19.73
848.3MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.29	18.14	0.06516	7	19.49	0.089	Inf	19.49
848.3MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.01	16.86	0.04853	7	18.21	0.066	Inf	18.21
Band 26_LTE-M1_3MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
825.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.86	19.71	0.09354	7	21.06	0.128	Inf	21.06
825.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.81	19.66	0.09247	7	21.01	0.126	Inf	21.01
825.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.61	19.46	0.08831	7	20.81	0.121	Inf	20.81
825.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.63	19.48	0.08872	7	20.83	0.121	Inf	20.83
825.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	20.35	18.20	0.06607	7	19.55	0.090	Inf	19.55
825.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	0.80	20.31	18.16	0.06546	7	19.51	0.089	Inf	19.51
825.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.16	17.01	0.05023	7	18.36	0.069	Inf	18.36
825.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	0.80	19.18	17.03	0.05047	7	18.38	0.069	Inf	18.38
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.51	19.36	0.08630	7	20.71	0.118	Inf	20.71
836.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.49	19.34	0.08590	7	20.69	0.117	Inf	20.69
836.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.50	19.35	0.08610	7	20.70	0.117	Inf	20.7
836.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.50	19.35	0.08610	7	20.70	0.117	Inf	20.7
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	20.49	18.34	0.06823	7	19.69	0.093	Inf	19.69
836.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	0.80	20.42	18.27	0.06714	7	19.62	0.092	Inf	19.62
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.37	17.22	0.05272	7	18.57	0.072	Inf	18.57
836.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	0.80	20.36	18.21	0.06622	7	19.56	0.090	Inf	19.56
847.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.43	19.28	0.08472	7	20.63	0.116	Inf	20.63
847.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.39	19.24	0.08395	7	20.59	0.115	Inf	20.59
847.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.26	19.11	0.08147	7	20.46	0.111	Inf	20.46
847.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
847.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	20.17	18.02	0.06339	7	19.37	0.086	Inf	19.37
847.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	0.80	20.07	17.92	0.06194	7	19.27	0.085	Inf	19.27
847.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.05	16.90	0.04898	7	18.25	0.067	Inf	18.25
847.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	0.80	19.03	16.88	0.04875	7	18.23	0.067	Inf	18.23
825.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.45	18.30	0.06761	7	19.65	0.092	Inf	19.65
825.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	20.46	18.31	0.06776	7	19.66	0.092	Inf	19.66
825.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.28	18.13	0.06501	7	19.48	0.089	Inf	19.48
825.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	20.32	18.17	0.06561	7	19.52	0.090	Inf	19.52



Effective Radiated Power

Appendix A

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
825.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	19.32	17.17	0.05212	7	18.52	0.071	Inf	18.52
825.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	0.80	19.26	17.11	0.05140	7	18.46	0.070	Inf	18.46
825.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.40	17.25	0.05309	7	18.60	0.072	Inf	18.6
825.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	0.80	20.62	18.47	0.07031	7	19.82	0.096	Inf	19.82
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.52	18.37	0.06871	7	19.72	0.094	Inf	19.72
836.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	20.42	18.27	0.06714	7	19.62	0.092	Inf	19.62
836.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.41	18.26	0.06699	7	19.61	0.091	Inf	19.61
836.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	19.51	17.36	0.05445	7	18.71	0.074	Inf	18.71
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	19.43	17.28	0.05346	7	18.63	0.073	Inf	18.63
836.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	0.80	19.38	17.23	0.05284	7	18.58	0.072	Inf	18.58
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.37	17.22	0.05272	7	18.57	0.072	Inf	18.57
836.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	0.80	19.02	16.87	0.04864	7	18.22	0.066	Inf	18.22
847.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.32	18.17	0.06561	7	19.52	0.090	Inf	19.52
847.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	20.16	18.01	0.06324	7	19.36	0.086	Inf	19.36
847.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.26	18.11	0.06471	7	19.46	0.088	Inf	19.46
847.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	20.25	18.10	0.06457	7	19.45	0.088	Inf	19.45
847.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	19.16	17.01	0.05023	7	18.36	0.069	Inf	18.36
847.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	0.80	19.13	16.98	0.04989	7	18.33	0.068	Inf	18.33
847.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.25	17.10	0.05129	7	18.45	0.070	Inf	18.45
847.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	0.80	19.21	17.06	0.05082	7	18.41	0.069	Inf	18.41
Band 26_LTE-M1_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
826.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.95	19.80	0.09550	7	21.15	0.130	Inf	21.15
826.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.73	19.58	0.09078	7	20.93	0.124	Inf	20.93
826.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.25	19.10	0.08128	7	20.45	0.111	Inf	20.45
826.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.45	19.30	0.08511	7	20.65	0.116	Inf	20.65
826.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.18	19.03	0.07998	7	20.38	0.109	Inf	20.38
826.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	0.80	21.29	19.14	0.08204	7	20.49	0.112	Inf	20.49
826.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.09	17.94	0.06223	7	19.29	0.085	Inf	19.29
826.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	0.80	19.97	17.82	0.06053	7	19.17	0.083	Inf	19.17
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.75	19.60	0.09120	7	20.95	0.124	Inf	20.95
836.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.64	19.49	0.08892	7	20.84	0.121	Inf	20.84
836.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
836.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.23	19.08	0.08091	7	20.43	0.110	Inf	20.43
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.40	19.25	0.08414	7	20.60	0.115	Inf	20.6
836.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	0.80	21.30	19.15	0.08222	7	20.50	0.112	Inf	20.5
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.02	17.87	0.06124	7	19.22	0.084	Inf	19.22
836.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	0.80	20.11	17.96	0.06252	7	19.31	0.085	Inf	19.31
846.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.73	19.58	0.09078	7	20.93	0.124	Inf	20.93
846.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.66	19.51	0.08933	7	20.86	0.122	Inf	20.86
846.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
846.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.32	19.17	0.08260	7	20.52	0.113	Inf	20.52
846.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
846.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	0.80	21.09	18.94	0.07834	7	20.29	0.107	Inf	20.29
846.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.21	18.06	0.06397	7	19.41	0.087	Inf	19.41
846.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	0.80	20.13	17.98	0.06281	7	19.33	0.086	Inf	19.33
826.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.68	19.53	0.08974	7	20.88	0.122	Inf	20.88
826.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	21.70	19.55	0.09016	7	20.90	0.123	Inf	20.9
826.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	21.35	19.20	0.08318	7	20.55	0.114	Inf	20.55
826.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.38	19.23	0.08375	7	20.58	0.114	Inf	20.58





Effective Radiated Power

Appendix A

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
826.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.31	19.16	0.08241	7	20.51	0.112	Inf	20.51
826.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	0.80	21.35	19.20	0.08318	7	20.55	0.114	Inf	20.55
826.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	20.03	17.88	0.06138	7	19.23	0.084	Inf	19.23
826.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	0.80	20.10	17.95	0.06237	7	19.30	0.085	Inf	19.3
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.69	19.54	0.08995	7	20.89	0.123	Inf	20.89
836.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	21.68	19.53	0.08974	7	20.88	0.122	Inf	20.88
836.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
836.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.40	19.25	0.08414	7	20.60	0.115	Inf	20.6
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.43	19.28	0.08472	7	20.63	0.116	Inf	20.63
836.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	0.80	21.39	19.24	0.08395	7	20.59	0.115	Inf	20.59
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	20.16	18.01	0.06324	7	19.36	0.086	Inf	19.36
836.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	0.80	20.11	17.96	0.06252	7	19.31	0.085	Inf	19.31
846.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.31	19.16	0.08241	7	20.51	0.112	Inf	20.51
846.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
846.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	20.96	18.81	0.07603	7	20.16	0.104	Inf	20.16
846.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.00	18.85	0.07674	7	20.20	0.105	Inf	20.2
846.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.34	19.19	0.08299	7	20.54	0.113	Inf	20.54
846.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	0.80	21.34	19.19	0.08299	7	20.54	0.113	Inf	20.54
846.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	20.45	18.30	0.06761	7	19.65	0.092	Inf	19.65
846.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	0.80	20.33	18.18	0.06577	7	19.53	0.090	Inf	19.53
Band 26_LTE-M1_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
829MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.71	19.56	0.09036	7	20.91	0.123	Inf	20.91
829MHz_QPSK_RB 1,#RB 0,NB 3	Pass	0.80	21.66	19.51	0.08933	7	20.86	0.122	Inf	20.86
829MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
829MHz_QPSK_RB 1,#RB 5,NB 7	Pass	0.80	21.60	19.45	0.08810	7	20.80	0.120	Inf	20.8
829MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.54	19.39	0.08690	7	20.74	0.119	Inf	20.74
829MHz_QPSK_RB 3,#RB 3,NB 7	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
829MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.27	18.12	0.06486	7	19.47	0.089	Inf	19.47
829MHz_QPSK_RB 6,#RB 0,NB 7	Pass	0.80	20.19	18.04	0.06368	7	19.39	0.087	Inf	19.39
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.69	19.54	0.08995	7	20.89	0.123	Inf	20.89
836.5MHz_QPSK_RB 1,#RB 0,NB 3	Pass	0.80	21.59	19.44	0.08790	7	20.79	0.120	Inf	20.79
836.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.39	19.24	0.08395	7	20.59	0.115	Inf	20.59
836.5MHz_QPSK_RB 1,#RB 5,NB 7	Pass	0.80	21.25	19.10	0.08128	7	20.45	0.111	Inf	20.45
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
836.5MHz_QPSK_RB 3,#RB 3,NB 7	Pass	0.80	21.24	19.09	0.08110	7	20.44	0.111	Inf	20.44
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.07	17.92	0.06194	7	19.27	0.085	Inf	19.27
836.5MHz_QPSK_RB 6,#RB 0,NB 7	Pass	0.80	19.95	17.80	0.06026	7	19.15	0.082	Inf	19.15
844MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.55	19.40	0.08710	7	20.75	0.119	Inf	20.75
844MHz_QPSK_RB 1,#RB 0,NB 3	Pass	0.80	21.34	19.19	0.08299	7	20.54	0.113	Inf	20.54
844MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.31	19.16	0.08241	7	20.51	0.112	Inf	20.51
844MHz_QPSK_RB 1,#RB 5,NB 7	Pass	0.80	21.20	19.05	0.08035	7	20.40	0.110	Inf	20.4
844MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.23	19.08	0.08091	7	20.43	0.110	Inf	20.43
844MHz_QPSK_RB 3,#RB 3,NB 7	Pass	0.80	21.20	19.05	0.08035	7	20.40	0.110	Inf	20.4
844MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.18	18.03	0.06353	7	19.38	0.087	Inf	19.38
844MHz_QPSK_RB 6,#RB 0,NB 7	Pass	0.80	20.15	18.00	0.06310	7	19.35	0.086	Inf	19.35
829MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.18	19.03	0.07998	7	20.38	0.109	Inf	20.38
829MHz_16QAM_RB 1,#RB 0,NB 3	Pass	0.80	21.27	19.12	0.08166	7	20.47	0.111	Inf	20.47
829MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.26	19.11	0.08147	7	20.46	0.111	Inf	20.46
829MHz_16QAM_RB 1,#RB 5,NB 7	Pass	0.80	21.07	18.92	0.07798	7	20.27	0.106	Inf	20.27



Effective Radiated Power

Appendix A

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
829MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.67	19.52	0.08954	7	20.87	0.122	Inf	20.87
829MHz_16QAM_RB 3,#RB 3,NB 7	Pass	0.80	21.61	19.46	0.08831	7	20.81	0.121	Inf	20.81
829MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.45	19.30	0.08511	7	20.65	0.116	Inf	20.65
829MHz_16QAM_RB 6,#RB 0,NB 7	Pass	0.80	21.56	19.41	0.08730	7	20.76	0.119	Inf	20.76
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.68	19.53	0.08974	7	20.88	0.122	Inf	20.88
836.5MHz_16QAM_RB 1,#RB 0,NB 3	Pass	0.80	21.67	19.52	0.08954	7	20.87	0.122	Inf	20.87
836.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.53	19.38	0.08670	7	20.73	0.118	Inf	20.73
836.5MHz_16QAM_RB 1,#RB 5,NB 7	Pass	0.80	21.50	19.35	0.08610	7	20.70	0.117	Inf	20.7
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
836.5MHz_16QAM_RB 3,#RB 3,NB 7	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.25	19.10	0.08128	7	20.45	0.111	Inf	20.45
836.5MHz_16QAM_RB 6,#RB 0,NB 7	Pass	0.80	21.13	18.98	0.07907	7	20.33	0.108	Inf	20.33
844MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.38	19.23	0.08375	7	20.58	0.114	Inf	20.58
844MHz_16QAM_RB 1,#RB 0,NB 3	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
844MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.12	18.97	0.07889	7	20.32	0.108	Inf	20.32
844MHz_16QAM_RB 1,#RB 5,NB 7	Pass	0.80	21.13	18.98	0.07907	7	20.33	0.108	Inf	20.33
844MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.46	19.31	0.08531	7	20.66	0.116	Inf	20.66
844MHz_16QAM_RB 3,#RB 3,NB 7	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
844MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	20.98	18.83	0.07638	7	20.18	0.104	Inf	20.18
844MHz_16QAM_RB 6,#RB 0,NB 7	Pass	0.80	20.94	18.79	0.07568	7	20.14	0.103	Inf	20.14
Band 26_LTE-M1_15MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
831.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.66	19.51	0.08933	7	20.86	0.122	Inf	20.86
831.5MHz_QPSK_RB 1,#RB 0,NB 5	Pass	0.80	21.54	19.39	0.08690	7	20.74	0.119	Inf	20.74
831.5MHz_QPSK_RB 1,#RB 5,NB 5	Pass	0.80	21.45	19.30	0.08511	7	20.65	0.116	Inf	20.65
831.5MHz_QPSK_RB 1,#RB 5,NB 11	Pass	0.80	21.27	19.12	0.08166	7	20.47	0.111	Inf	20.47
831.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.44	19.29	0.08492	7	20.64	0.116	Inf	20.64
831.5MHz_QPSK_RB 3,#RB 3,NB 11	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
831.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	21.04	18.89	0.07745	7	20.24	0.106	Inf	20.24
831.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	0.80	21.05	18.90	0.07762	7	20.25	0.106	Inf	20.25
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.68	19.53	0.08974	7	20.88	0.122	Inf	20.88
836.5MHz_QPSK_RB 1,#RB 0,NB 5	Pass	0.80	21.49	19.34	0.08590	7	20.69	0.117	Inf	20.69
836.5MHz_QPSK_RB 1,#RB 5,NB 5	Pass	0.80	21.27	19.12	0.08166	7	20.47	0.111	Inf	20.47
836.5MHz_QPSK_RB 1,#RB 5,NB 11	Pass	0.80	21.58	19.43	0.08770	7	20.78	0.120	Inf	20.78
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.44	19.29	0.08492	7	20.64	0.116	Inf	20.64
836.5MHz_QPSK_RB 3,#RB 3,NB 11	Pass	0.80	21.32	19.17	0.08260	7	20.52	0.113	Inf	20.52
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.95	18.80	0.07586	7	20.15	0.104	Inf	20.15
836.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	0.80	21.01	18.86	0.07691	7	20.21	0.105	Inf	20.21
841.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.69	19.54	0.08995	7	20.89	0.123	Inf	20.89
841.5MHz_QPSK_RB 1,#RB 0,NB 5	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
841.5MHz_QPSK_RB 1,#RB 5,NB 5	Pass	0.80	21.25	19.10	0.08128	7	20.45	0.111	Inf	20.45
841.5MHz_QPSK_RB 1,#RB 5,NB 11	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
841.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
841.5MHz_QPSK_RB 3,#RB 3,NB 11	Pass	0.80	21.20	19.05	0.08035	7	20.40	0.110	Inf	20.4
841.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	21.08	18.93	0.07816	7	20.28	0.107	Inf	20.28
841.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
831.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.65	19.50	0.08913	7	20.85	0.122	Inf	20.85
831.5MHz_16QAM_RB 1,#RB 0,NB 5	Pass	0.80	21.64	19.49	0.08892	7	20.84	0.121	Inf	20.84
831.5MHz_16QAM_RB 1,#RB 5,NB 5	Pass	0.80	21.37	19.22	0.08356	7	20.57	0.114	Inf	20.57
831.5MHz_16QAM_RB 1,#RB 5,NB 11	Pass	0.80	21.30	19.15	0.08222	7	20.50	0.112	Inf	20.5



Effective Radiated Power

Appendix A

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
831.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.44	19.29	0.08492	7	20.64	0.116	Inf	20.64
831.5MHz_16QAM_RB 3,#RB 3,NB 11	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
831.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.27	19.12	0.08166	7	20.47	0.111	Inf	20.47
831.5MHz_16QAM_RB 6,#RB 0,NB 11	Pass	0.80	21.16	19.01	0.07962	7	20.36	0.109	Inf	20.36
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.65	19.50	0.08913	7	20.85	0.122	Inf	20.85
836.5MHz_16QAM_RB 1,#RB 0,NB 5	Pass	0.80	21.56	19.41	0.08730	7	20.76	0.119	Inf	20.76
836.5MHz_16QAM_RB 1,#RB 5,NB 5	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
836.5MHz_16QAM_RB 1,#RB 5,NB 11	Pass	0.80	21.34	19.19	0.08299	7	20.54	0.113	Inf	20.54
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
836.5MHz_16QAM_RB 3,#RB 3,NB 11	Pass	0.80	21.31	19.16	0.08241	7	20.51	0.112	Inf	20.51
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.22	19.07	0.08072	7	20.42	0.110	Inf	20.42
836.5MHz_16QAM_RB 6,#RB 0,NB 11	Pass	0.80	21.19	19.04	0.08017	7	20.39	0.109	Inf	20.39
841.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.66	19.51	0.08933	7	20.86	0.122	Inf	20.86
841.5MHz_16QAM_RB 1,#RB 0,NB 5	Pass	0.80	21.63	19.48	0.08872	7	20.83	0.121	Inf	20.83
841.5MHz_16QAM_RB 1,#RB 5,NB 5	Pass	0.80	21.53	19.38	0.08670	7	20.73	0.118	Inf	20.73
841.5MHz_16QAM_RB 1,#RB 5,NB 11	Pass	0.80	21.40	19.25	0.08414	7	20.60	0.115	Inf	20.6
841.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
841.5MHz_16QAM_RB 3,#RB 3,NB 11	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
841.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.17	19.02	0.07980	7	20.37	0.109	Inf	20.37
841.5MHz_16QAM_RB 6,#RB 0,NB 11	Pass	0.80	21.23	19.08	0.08091	7	20.43	0.110	Inf	20.43

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

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

Mode		LTE Band 26, QPSK, CB:1.4 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26797					
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	H	-64.84	-13	-51.84	-70.92	-43.24	-19.45
39.7	H	-68.31	-13	-55.31	-72.87	-48.52	-17.64
562.53	H	-57.19	-13	-44.19	-59.4	-53.62	-1.42
600.36	H	-58.06	-13	-45.06	-60.84	-54.12	-1.79
639.16	H	-60.28	-13	-47.28	-63.67	-56.4	-1.73
812.79	H	-53.59	-13	-40.59	-61.03	-49.53	-1.91
30	V	-72.3	-13	-59.3	-65.21	-50.7	-19.45
79.47	V	-71.04	-13	-58.04	-68.29	-61.47	-7.42
115.36	V	-71.34	-13	-58.34	-68.85	-63.37	-5.82
505.3	V	-65.27	-13	-52.27	-68	-61.86	-1.26
562.53	V	-60.9	-13	-47.9	-65.99	-57.33	-1.42
814.73	V	-59.29	-13	-46.29	-66.86	-55.23	-1.91

Mode		LTE Band 26, QPSK, CB:3 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26805					
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	H	-65.5	-13	-52.5	-71.58	-43.9	-19.45
562.53	H	-58.49	-13	-45.49	-60.7	-54.92	-1.42
300.36	H	-61.41	-13	-48.41	-64.19	-57.47	-1.79
639.16	H	-62.75	-13	-49.75	-66.14	-58.87	-1.73
703.18	H	-63.1	-13	-50.1	-67.91	-59.23	-1.72
806.97	H	-60.46	-13	-47.46	-67.85	-56.41	-1.9
41.64	V	-69.13	-13	-56.13	-63.52	-49.61	-17.37
120.21	V	-71.67	-13	-58.67	-69.7	-63.45	-6.07
352.04	V	-70.57	-13	-57.57	-70.56	-67.32	-1.1
485.9	V	-65.37	-13	-52.37	-67.55	-61.94	-1.28
562.53	V	-62.69	-13	-49.69	-67.78	-59.12	-1.42
808.91	V	-57.96	-13	-44.96	-65.41	-53.91	-1.9

Note: ERP = S.G Power value + Correction factor-2.15 dB



Mode							
LTE Band 26, QPSK, CB:5 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26815							
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	H	-66.17	-13	-53.17	-72.25	-44.57	-19.45
115.36	H	-71.74	-13	-58.74	-66.93	-63.77	-5.82
562.53	H	-60.53	-13	-47.53	-62.74	-56.96	-1.42
600.36	H	-61.88	-13	-48.88	-64.66	-57.94	-1.79
639.16	H	-59.31	-13	-46.31	-62.7	-55.43	-1.73
811.82	H	-52.58	-13	-39.58	-60.01	-48.52	-1.91
42.61	V	-68.85	-13	-55.85	-63.41	-49.46	-17.24
70.74	V	-71.07	-13	-58.07	-66.41	-58.61	-10.31
164.83	V	-72.23	-13	-59.23	-72.3	-64.17	-5.91
543.13	V	-65.34	-13	-52.34	-69.74	-61.9	-1.29
562.53	V	-63.01	-13	-50.01	-68.1	-59.44	-1.42
789.51	V	-62.23	-13	-49.23	-69.63	-58.15	-1.93

Mode							
LTE Band 26, QPSK, CB:10 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26840							
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	-66.29	-13	-53.29	-72.18	-44.93	-19.21
562.53	H	-59.46	-13	-46.46	-61.67	-55.89	-1.42
600.36	H	-60.29	-13	-47.29	-63.07	-56.35	-1.79
639.16	H	-62.46	-13	-49.46	-65.85	-58.58	-1.73
703.18	H	-61.89	-13	-48.89	-66.7	-58.02	-1.72
809.88	H	-53.65	-13	-40.65	-61.07	-49.6	-1.9
41.64	V	-70.28	-13	-57.28	-64.67	-50.76	-17.37
73.65	V	-65.28	-13	-52.28	-61.3	-53.79	-9.34
115.36	V	-70.96	-13	-57.96	-68.47	-62.99	-5.82
562.53	V	-62.52	-13	-49.52	-67.61	-58.95	-1.42
600.36	V	-62.12	-13	-49.12	-68.32	-58.18	-1.79
814.73	V	-58.5	-13	-45.5	-66.07	-54.44	-1.91

Note: ERP = S.G Power value + Correction factor-2.15 dB



Mode	LTE Band 26, QPSK, CB:15 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26965						
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	H	-66.66	-13	-53.66	-72.74	-45.06	-19.45
115.36	H	-69.76	-13	-56.76	-64.95	-61.79	-5.82
562.53	H	-60.19	-13	-47.19	-62.4	-56.62	-1.42
600.36	H	-61.92	-13	-48.92	-64.7	-57.98	-1.79
703.18	H	-61.5	-13	-48.5	-66.31	-57.63	-1.72
811.82	H	-55.14	-13	-42.14	-62.57	-51.08	-1.91
39.7	V	-71.46	-13	-58.46	-65.5	-51.67	-17.64
115.36	V	-71.62	-13	-58.62	-69.13	-63.65	-5.82
164.83	V	-72.24	-13	-59.24	-72.31	-64.18	-5.91
505.3	V	-66.06	-13	-53.06	-68.79	-62.65	-1.26
562.53	V	-61.4	-13	-48.4	-66.49	-57.83	-1.42
805.03	V	-58.68	-13	-45.68	-66.06	-54.64	-1.89

Note: ERP = S.G Power value + Correction factor-2.15 dB

**Test Result of Radiated Emissions above 1GHz (LTE Band 26)**

Mode							
LTE Band 26, QPSK, CB:1.4 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26797							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1648.5	H	-39.13	-13	-26.13	-43.23	-42.76	5.78
2472.75	H	-52.28	-13	-39.28	-59.94	-56.38	6.25
3297	H	-50.79	-13	-37.79	-61.58	-55.55	6.91
1648.5	V	-39.67	-13	-26.67	-43.87	-43.3	5.78
2472.75	V	-47.79	-13	-34.79	-55.63	-51.89	6.25
3297	V	-50.4	-13	-37.4	-61.2	-55.16	6.91

Mode							
LTE Band 26, QPSK, CB:1.4 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26915							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1672.1	H	-36.79	-13	-23.79	-41.01	-40.52	5.88
2508.15	H	-52.05	-13	-39.05	-59.87	-56.27	6.37
3344.2	H	-50.61	-13	-37.61	-61.51	-55.57	7.11
1672.1	V	-39.37	-13	-26.37	-43.63	-43.1	5.88
2508.15	V	-47.65	-13	-34.65	-55.52	-51.87	6.37
3344.2	V	-50.64	-13	-37.64	-61.57	-55.6	7.11

Mode							
LTE Band 26, QPSK, CB:1.4 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 27033							
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1695.7	H	-40.15	-13	-27.15	-44.48	-43.99	5.99
2543.55	H	-52.01	-13	-39.01	-59.98	-56.34	6.48
3391.4	H	-50.69	-13	-37.69	-61.71	-55.84	7.3
1695.7	V	-41.41	-13	-28.41	-45.74	-45.25	5.99
2543.55	V	-47.89	-13	-34.89	-55.78	-52.22	6.48
3391.4	V	-50.8	-13	-37.8	-61.88	-55.95	7.3

Note: ERP = S.G Power value + Correction factor-2.15 dB

Mode							
LTE Band 26, QPSK, CB:3 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26805							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1649.02	H	-39.36	-13	-26.36	-43.47	-42.99	5.78
2473.53	H	-52.47	-13	-39.47	-60.13	-56.58	6.26
3298.04	H	-50.95	-13	-37.95	-61.758	-55.71	6.91
1649.02	V	-39.44	-13	-26.44	-43.64	-43.07	5.78
2473.53	V	-48.02	-13	-35.02	-55.86	-52.13	6.26
3298.04	V	-50.64	-13	-37.64	-61.44	-55.4	6.91

Mode							
LTE Band 26, QPSK, CB:3 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26915							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1671.02	H	-37.12	-13	-24.12	-41.34	-40.85	5.88
2506.53	H	-51.82	-13	-38.82	-59.64	-56.03	6.36
3342.04	H	-50.5	-13	-37.5	-61.4	-55.45	7.1
1671.02	V	-39.15	-13	-26.15	-43.41	-42.88	5.88
2506.53	V	-47.49	-13	-34.49	-55.36	-51.7	6.36
3342.04	V	-50.4	-13	-37.4	-61.33	-55.35	7.1

Mode							
LTE Band 26, QPSK, CB:3 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 27025							
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1693.02	H	-40.27	-13	-27.27	-44.59	-44.09	5.97
2539.53	H	-52.18	-13	-39.18	-60.14	-56.5	6.47
3386.04	H	-50.48	-13	-37.48	-61.49	-55.61	7.28
1693.02	V	-41.28	-13	-28.28	-45.6	-45.1	5.97
2539.53	V	-47.77	-13	-34.77	-55.66	-52.09	6.47
3386.04	V	-50.47	-13	-37.47	-61.53	-55.6	7.28

Note: ERP = S.G Power value + Correction factor-2.15 dB



Mode							
LTE Band 26, QPSK, CB:5 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26815							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1648.86	H	-39.36	-13	-26.36	-43.47	-42.99	5.78
2473.29	H	-52.49	-13	-39.49	-60.15	-56.59	6.25
3297.72	H	-50.61	-13	-37.61	-61.41	-55.37	6.91
1648.86	V	-39.4	-13	-26.4	-43.6	-43.03	5.78
2473.29	V	-47.64	-13	-34.64	-55.48	-51.74	6.25
3297.72	V	-50.62	-13	-37.62	-61.42	-55.38	6.91

Mode							
LTE Band 26, QPSK, CB:5 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26915							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1668.86	H	-37.07	-13	-24.07	-41.28	-40.79	5.87
2503.29	H	-51.79	-13	-38.79	-59.59	-55.99	6.35
3337.72	H	-50.97	-13	-37.97	-61.86	-55.9	7.08
1668.86	V	-39.21	-13	-26.21	-43.47	-42.93	5.87
2503.29	V	-47.92	-13	-34.92	-55.79	-52.12	6.35
3337.72	V	-50.47	-13	-37.47	-61.39	-55.4	7.08

Mode							
LTE Band 26, QPSK, CB:5 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 27015							
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1688.86	H	-39.98	-13	-26.98	-44.28	-43.79	5.96
2533.29	H	-52.09	-13	-39.09	-60.02	-56.39	6.45
3377.72	H	-50.44	-13	-37.44	-61.43	-55.54	7.25
1688.86	V	-41.57	-13	-28.57	-45.88	-45.38	5.96
2533.29	V	-47.72	-13	-34.72	-55.61	-52.02	6.45
3377.72	V	-50.58	-13	-37.58	-61.62	-55.68	7.25

Note: ERP = S.G Power value + Correction factor-2.15 dB



Mode							
LTE Band 26, QPSK, CB:10 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26840							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1649.54	H	-39.57	-13	-26.57	-43.68	-43.21	5.79
2474.31	H	-52.59	-13	-39.59	-60.26	-56.7	6.26
3299.08	H	-50.5	-13	-37.5	-61.3	-55.27	6.92
1649.54	V	-40.03	-13	-27.03	-44.23	-43.67	5.79
2474.31	V	-48.07	-13	-35.07	-55.91	-52.18	6.26
3299.08	V	-50.56	-13	-37.56	-61.37	-55.33	6.92

Mode							
LTE Band 26, QPSK, CB:10 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26915							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1664.54	H	-37.11	-13	-24.11	-41.29	-40.81	5.85
2496.81	H	-52.29	-13	-39.29	-60.07	-56.47	6.33
3329.08	H	-50.67	-13	-37.67	-61.54	-55.56	7.04
1664.54	V	-40.69	-13	-27.69	-44.93	-44.39	5.85
2496.81	V	-47.59	-13	-34.59	-55.45	-51.77	6.33
3329.08	V	-51.09	-13	-38.09	-61.99	-55.98	7.04

Mode							
LTE Band 26, QPSK, CB:10 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26990							
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1679.54	H	-40.6	-13	-27.6	-44.86	-44.37	5.92
2519.31	H	-51.86	-13	-38.86	-59.74	-56.11	6.4
3359.08	H	-50.96	-13	-37.96	-61.9	-55.98	7.17
1679.54	V	-42.6	-13	-29.6	-46.88	-46.37	5.92
2519.31	V	-48.29	-13	-35.29	-56.17	-52.54	6.4
3359.08	V	-51.07	-13	-38.07	-62.05	-56.09	7.17

Note: ERP = S.G Power value + Correction factor-2.15 dB

Mode							
LTE Band 26, QPSK, CB:15 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26865							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1650.22	H	-39.24	-13	-26.24	-43.35	-42.88	5.79
2475.33	H	-51.98	-13	-38.98	-59.65	-56.09	6.26
3300.44	H	-50.88	-13	-37.88	-61.68	-55.65	6.92
1650.22	V	-39.34	-13	-26.34	-43.54	-42.98	5.79
2475.33	V	-48	-13	-35	-55.84	-52.11	6.26
3300.44	V	-50.46	-13	-37.46	-61.27	-55.23	6.92

Mode							
LTE Band 26, QPSK, CB:15 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26915							
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1660.22	H	-37.11	-13	-24.11	-41.27	-40.79	5.83
2490.33	H	-51.82	-13	-38.82	-59.56	-55.98	6.31
3320.44	H	-50.5	-13	-37.5	-61.35	-55.36	7.01
1660.22	V	-39.21	-13	-26.21	-43.43	-42.89	5.83
2490.33	V	-47.55	-13	-34.55	-55.4	-51.71	6.31
3320.44	V	-50.43	-13	-37.43	-61.3	-55.29	7.01

Mode							
LTE Band 26, QPSK, CB:15 MHz, RB Size: 1 RB start : 0 index : 0 ,Channel : 26965							
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1670.22	H	-40.51	-13	-27.51	-44.72	-44.24	5.88
2505.33	H	-51.86	-13	-38.86	-59.67	-56.07	6.36
3340.44	H	-50.65	-13	-37.65	-61.54	-55.59	7.09
1670.22	V	-41.66	-13	-28.66	-45.92	-45.39	5.88
2505.33	V	-48.11	-13	-35.11	-55.98	-52.32	6.36
3340.44	V	-50.71	-13	-37.71	-61.64	-55.65	7.09

Note: ERP = S.G Power value + Correction factor-2.15 dB.



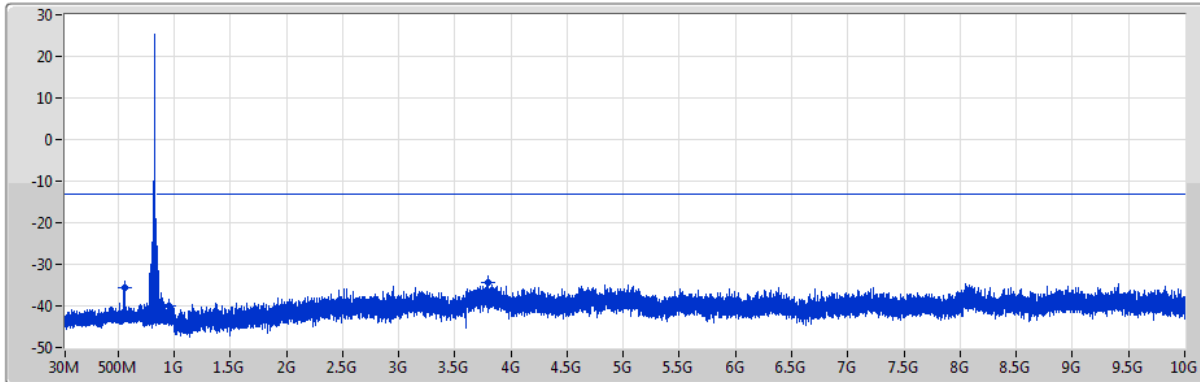
Summary

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 26	-	-	-	-	-	-	-	-	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	Pass	1G	10G	1M	3M	Peak	3.80125G	-33.27	-13.00	-20.27	1	-	-
LTE-M1_1.4MHz_Nss1,16QAM_1TX	Pass	1G	10G	1M	3M	Peak	3.78156G	-34.09	-13.00	-21.09	1	-	-
LTE-M1_3MHz_Nss1,QPSK_1TX	Pass	1G	10G	1M	3M	Peak	8.45819G	-33.90	-13.00	-20.90	1	-	-
LTE-M1_3MHz_Nss1,16QAM_1TX	Pass	1G	10G	1M	3M	Peak	3.78691G	-34.01	-13.00	-21.01	1	-	-
LTE-M1_5MHz_Nss1,QPSK_1TX	Pass	1G	10G	1M	3M	Peak	9.18803G	-33.86	-13.00	-20.86	1	-	-
LTE-M1_5MHz_Nss1,16QAM_1TX	Pass	1G	10G	1M	3M	Peak	9.22656G	-33.50	-13.00	-20.50	1	-	-
LTE-M1_10MHz_Nss1,QPSK_1TX	Pass	1G	10G	1M	3M	Peak	3.72278G	-33.27	-13.00	-20.27	1	-	-
LTE-M1_10MHz_Nss1,16QAM_1TX	Pass	1G	10G	1M	3M	Peak	4.59831G	-33.64	-13.00	-20.64	1	-	-
LTE-M1_15MHz_Nss1,QPSK_1TX	Pass	1G	10G	1M	3M	Peak	3.71884G	-33.84	-13.00	-20.84	1	-	-
LTE-M1_15MHz_Nss1,16QAM_1TX	Pass	1G	10G	1M	3M	Peak	8.06641G	-33.24	-13.00	-20.24	1	-	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**824.7MHz**

CSE-TX-Port

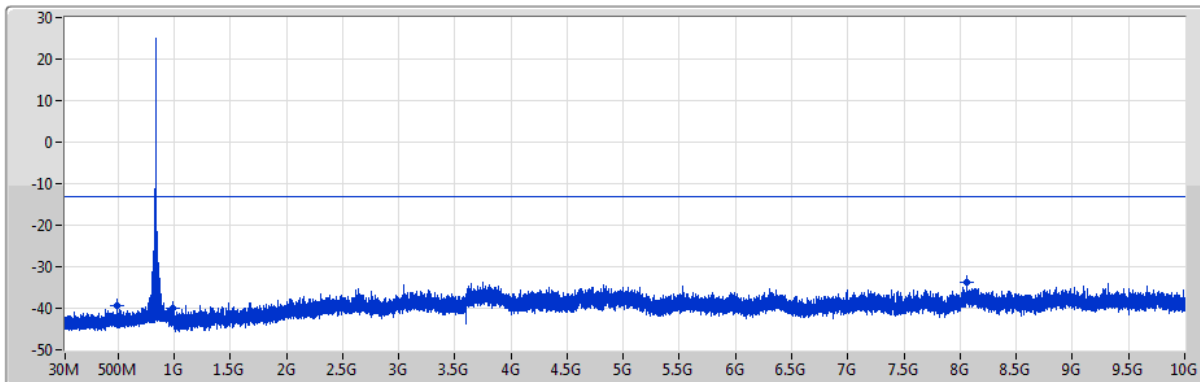


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	555.71M	-35.54	-13.00	-22.54	1	-
949M	1G	1M	3M	Peak	953.13M	-40.03	-13.00	-27.03	1	-
1G	10G	1M	3M	Peak	3.79253G	-34.42	-13.00	-21.42	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**836.5MHz**

CSE-TX-Port



Port1

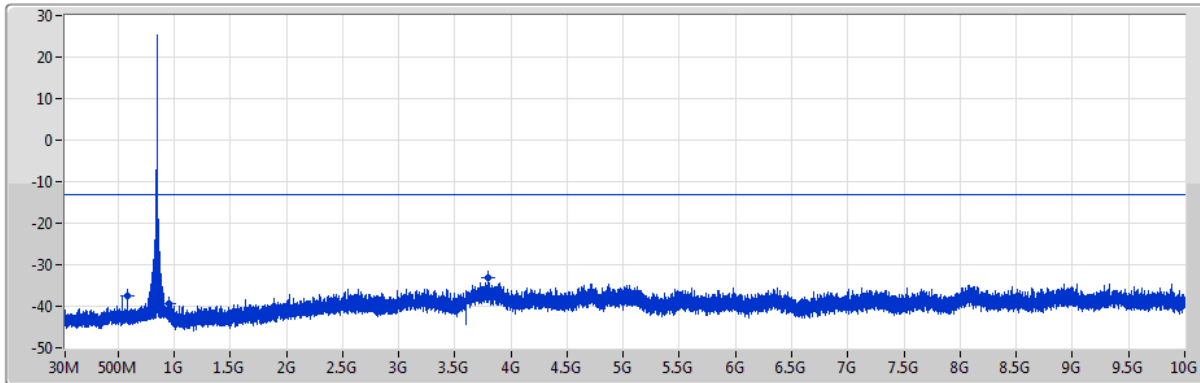
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	490.12M	-39.47	-13.00	-26.47	1	-
949M	1G	1M	3M	Peak	992.96M	-39.98	-13.00	-26.98	1	-
1G	10G	1M	3M	Peak	8.06247G	-33.62	-13.00	-20.62	1	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**

CSE-TX-Port

848.3MHz



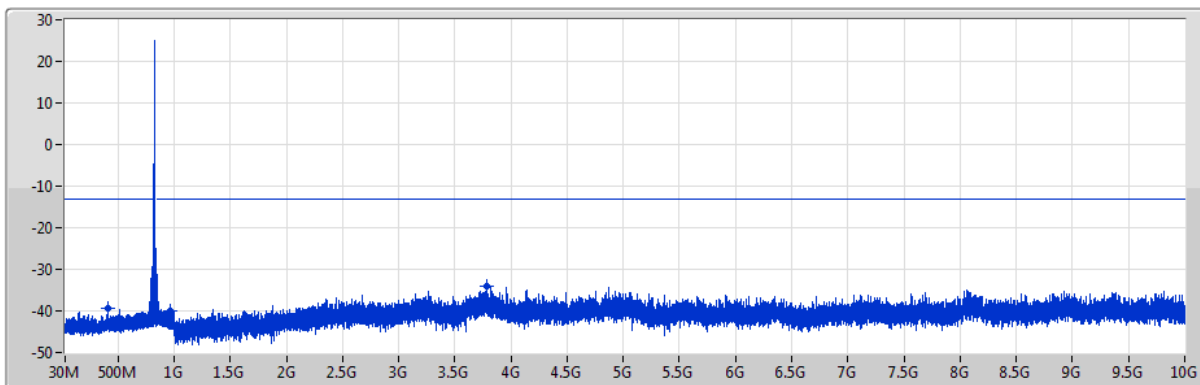
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	579.47M	-37.54	-13.00	-24.54	1	-
949M	1G	1M	3M	Peak	955.09M	-39.46	-13.00	-26.46	1	-
1G	10G	1M	3M	Peak	3.80125G	-33.27	-13.00	-20.27	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

824.7MHz



Port1

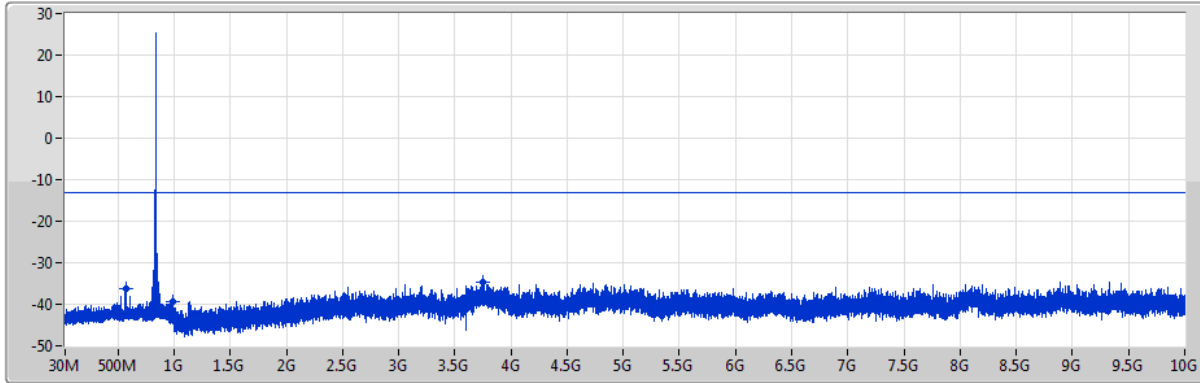
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	405.8M	-39.41	-13.00	-26.41	1	-
949M	1G	1M	3M	Peak	970.27M	-40.03	-13.00	-27.03	1	-
1G	10G	1M	3M	Peak	3.78156G	-34.09	-13.00	-21.09	1	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

836.5MHz



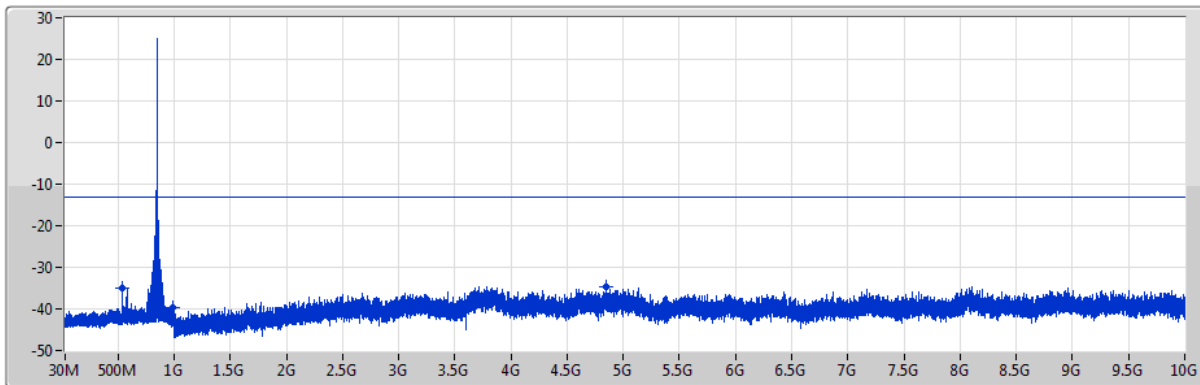
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	567.85M	-36.16	-13.00	-23.16	1	-
949M	1G	1M	3M	Peak	989.7M	-39.25	-13.00	-26.25	1	-
1G	10G	1M	3M	Peak	3.75203G	-34.62	-13.00	-21.62	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

848.3MHz



Port1

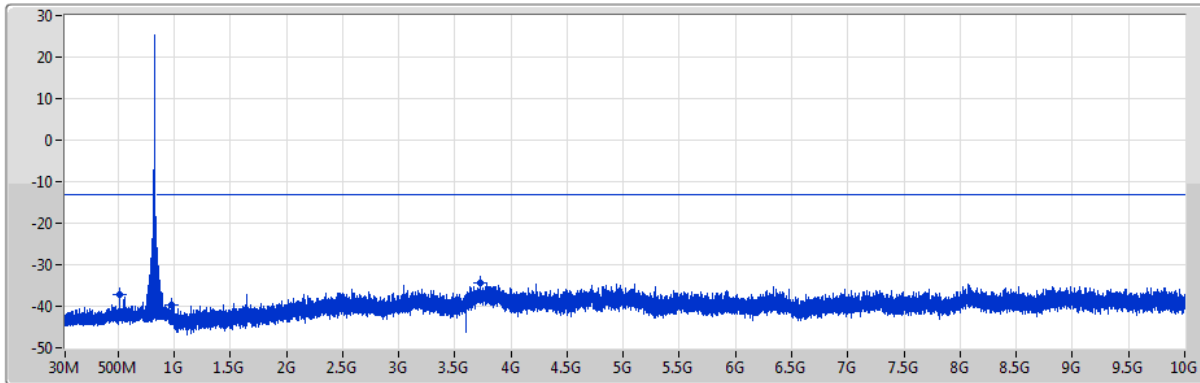
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	540.78M	-35.01	-13.00	-22.01	1	-
949M	1G	1M	3M	Peak	983.2M	-39.78	-13.00	-26.78	1	-
1G	10G	1M	3M	Peak	4.84441G	-34.61	-13.00	-21.61	1	-



Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

825.5MHz



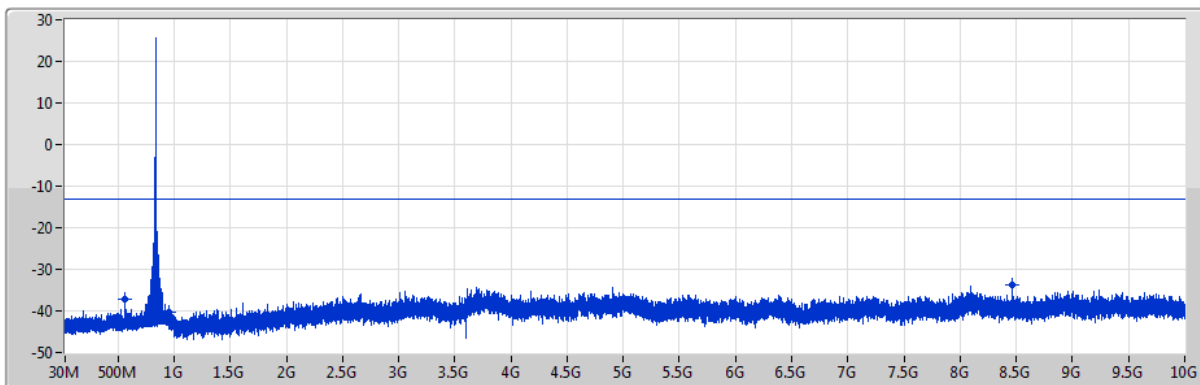
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	517.19M	-37.34	-13.00	-24.34	1	-
949M	1G	1M	3M	Peak	980.44M	-39.55	-13.00	-26.55	1	-
1G	10G	1M	3M	Peak	3.7225G	-34.34	-13.00	-21.34	1	-

Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

836.5MHz



Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	566.81M	-37.20	-13.00	-24.20	1	-
949M	1G	1M	3M	Peak	949.71M	-40.29	-13.00	-27.29	1	-
1G	10G	1M	3M	Peak	8.45819G	-33.90	-13.00	-20.90	1	-

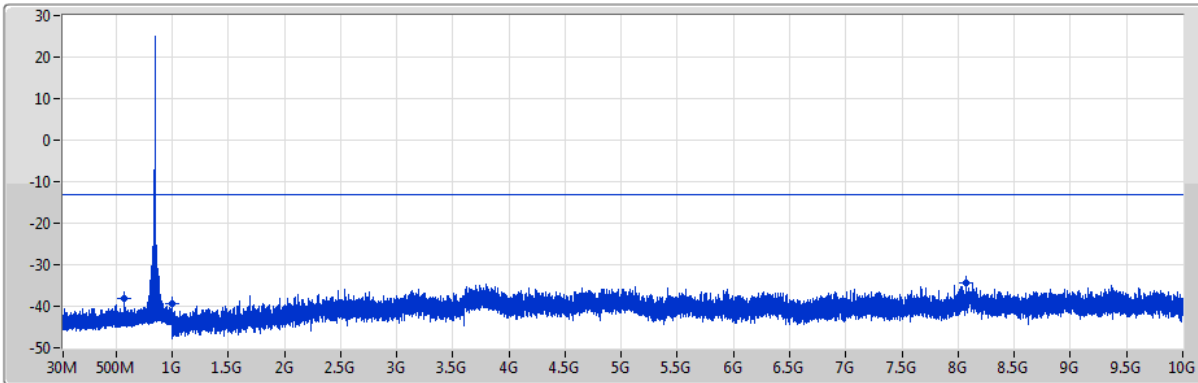




**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**

CSE-TX-Port

847.5MHz



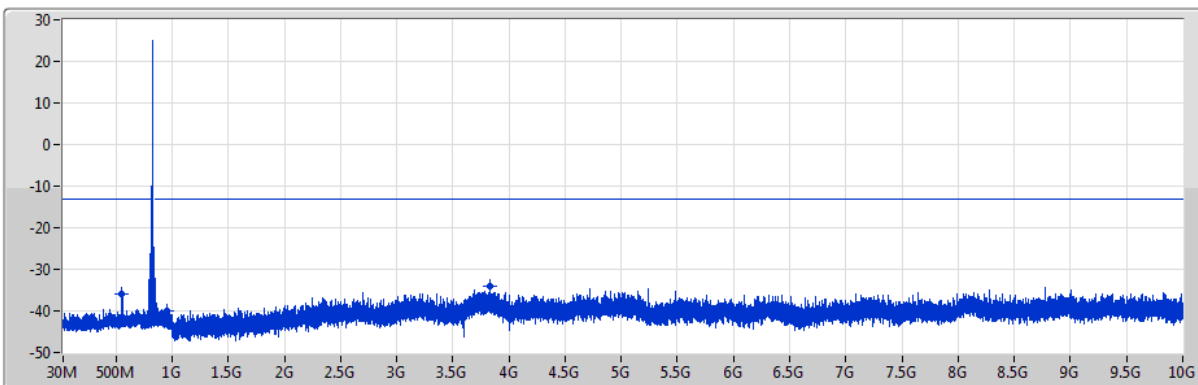
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	578.09M	-38.14	-13.00	-25.14	1	-
949M	1G	1M	3M	Peak	994.9M	-39.37	-13.00	-26.37	1	-
1G	10G	1M	3M	Peak	8.06528G	-34.36	-13.00	-21.36	1	-

**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

825.5MHz



Port1

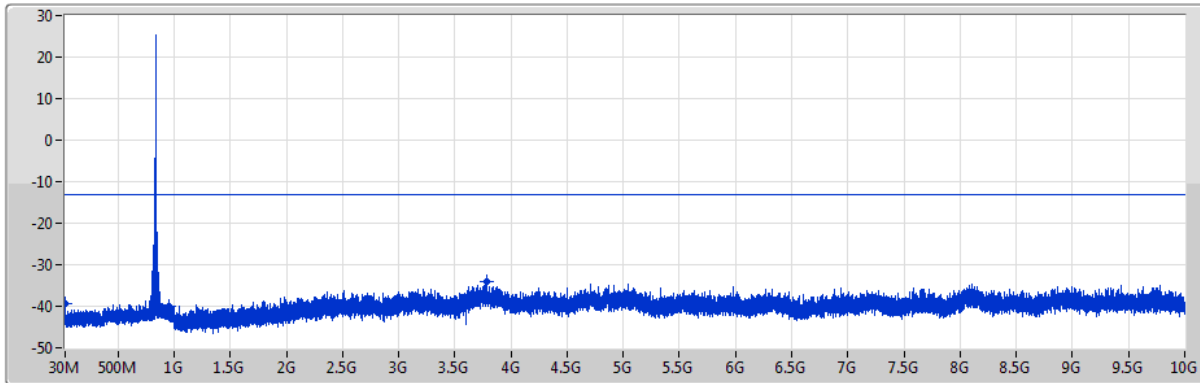
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	555.53M	-35.98	-13.00	-22.98	1	-
949M	1G	1M	3M	Peak	959.79M	-39.92	-13.00	-26.92	1	-
1G	10G	1M	3M	Peak	3.82656G	-34.08	-13.00	-21.08	1	-



Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

836.5MHz



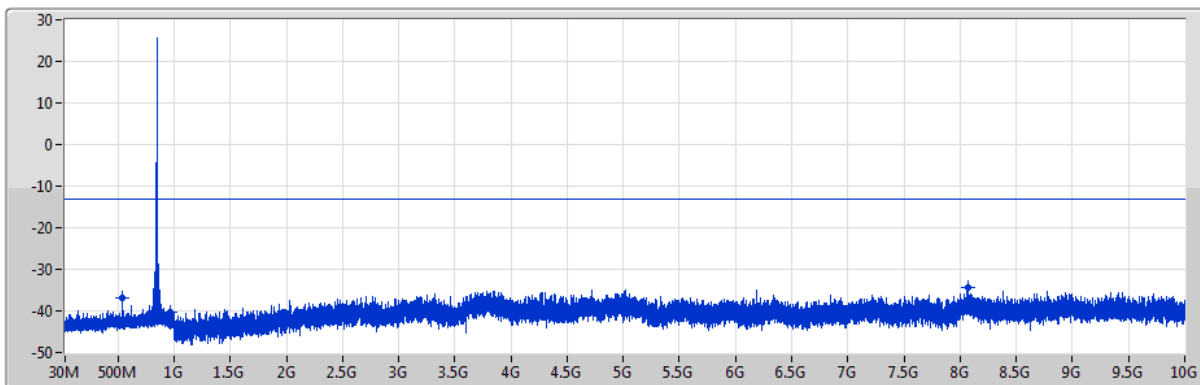
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	32.26M	-39.22	-13.00	-26.22	1	-
949M	1G	1M	3M	Peak	950.84M	-39.86	-13.00	-26.86	1	-
1G	10G	1M	3M	Peak	3.78691G	-34.01	-13.00	-21.01	1	-

Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

847.5MHz



Port1

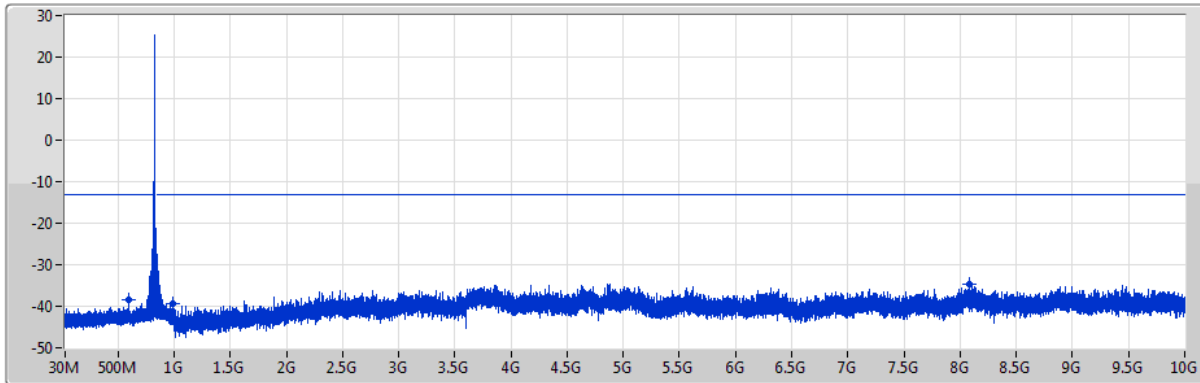
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	539.4M	-37.03	-13.00	-24.03	1	-
949M	1G	1M	3M	Peak	962.9M	-40.21	-13.00	-27.21	1	-
1G	10G	1M	3M	Peak	8.074G	-34.37	-13.00	-21.37	1	-



Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

826.5MHz



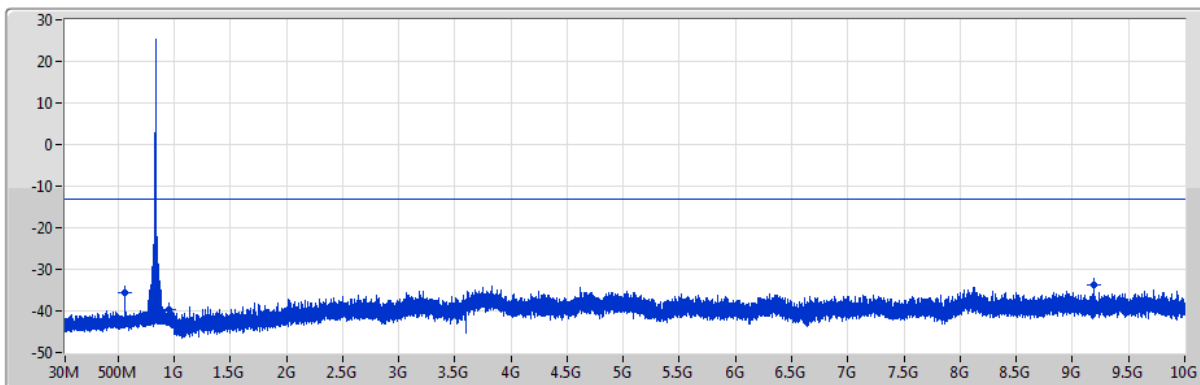
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	593.7M	-38.34	-13.00	-25.34	1	-
949M	1G	1M	3M	Peak	991.38M	-39.47	-13.00	-26.47	1	-
1G	10G	1M	3M	Peak	8.07934G	-34.65	-13.00	-21.65	1	-

Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

836.5MHz



Port1

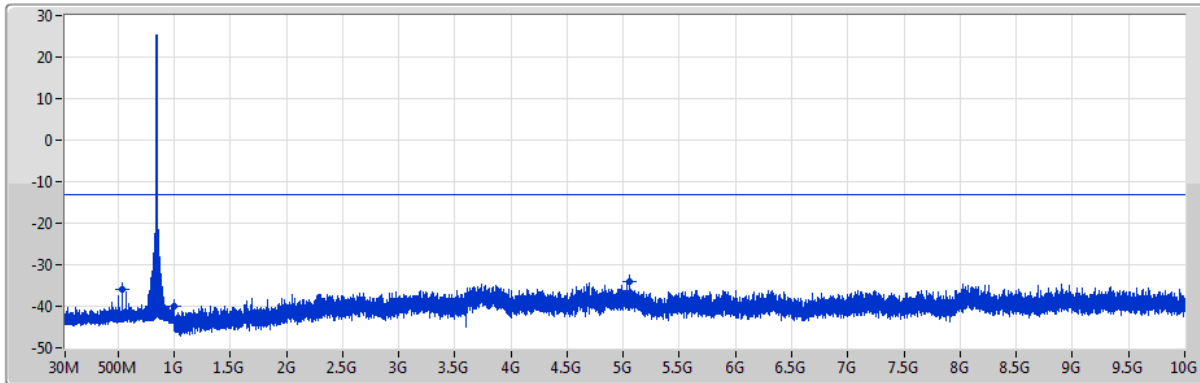
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	565.77M	-35.73	-13.00	-22.73	1	-
949M	1G	1M	3M	Peak	953.18M	-39.55	-13.00	-26.55	1	-
1G	10G	1M	3M	Peak	9.18803G	-33.86	-13.00	-20.86	1	-



Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

846.5MHz



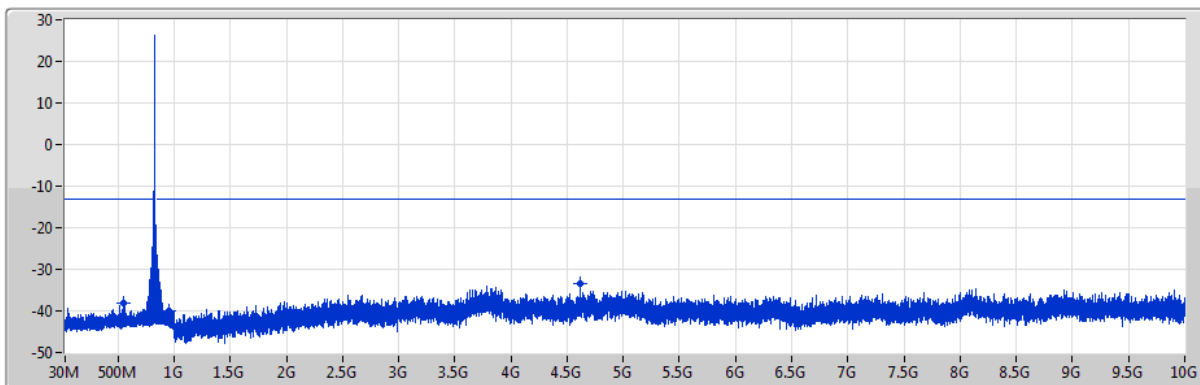
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	537.31M	-35.92	-13.00	-22.92	1	-
949M	1G	1M	3M	Peak	996.51M	-39.95	-13.00	-26.95	1	-
1G	10G	1M	3M	Peak	5.05G	-34.00	-13.00	-21.00	1	-

Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

826.5MHz



Port1

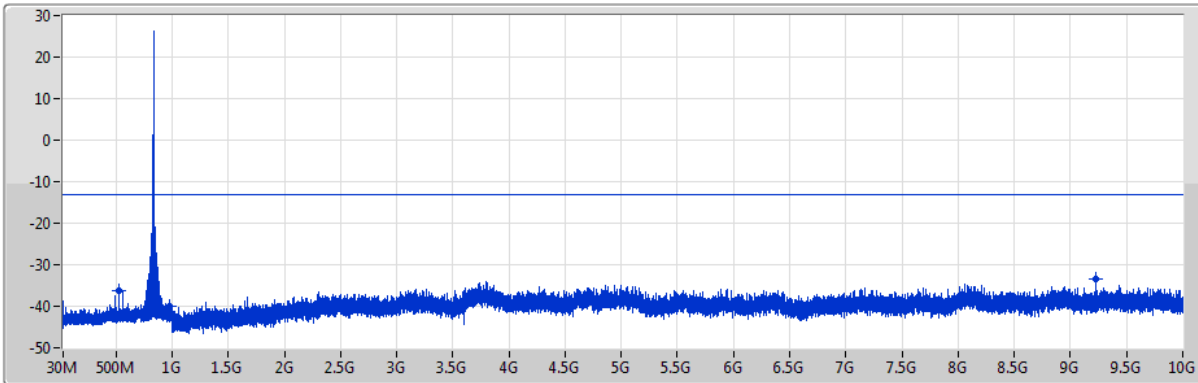
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	555.53M	-37.98	-13.00	-24.98	1	-
949M	1G	1M	3M	Peak	949.87M	-39.94	-13.00	-26.94	1	-
1G	10G	1M	3M	Peak	4.61716G	-33.54	-13.00	-20.54	1	-



Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

836.5MHz



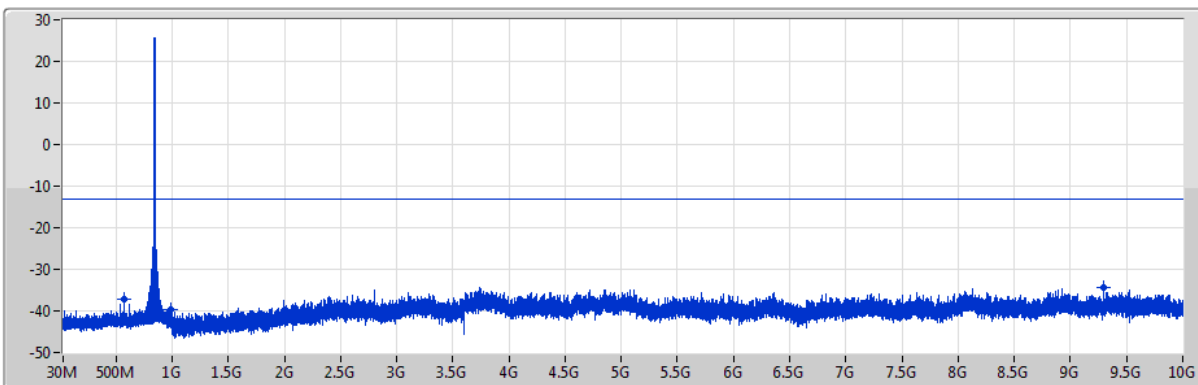
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	527.25M	-36.11	-13.00	-23.11	1	-
949M	1G	1M	3M	Peak	973.91M	-39.88	-13.00	-26.88	1	-
1G	10G	1M	3M	Peak	9.22656G	-33.50	-13.00	-20.50	1	-

Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

846.5MHz



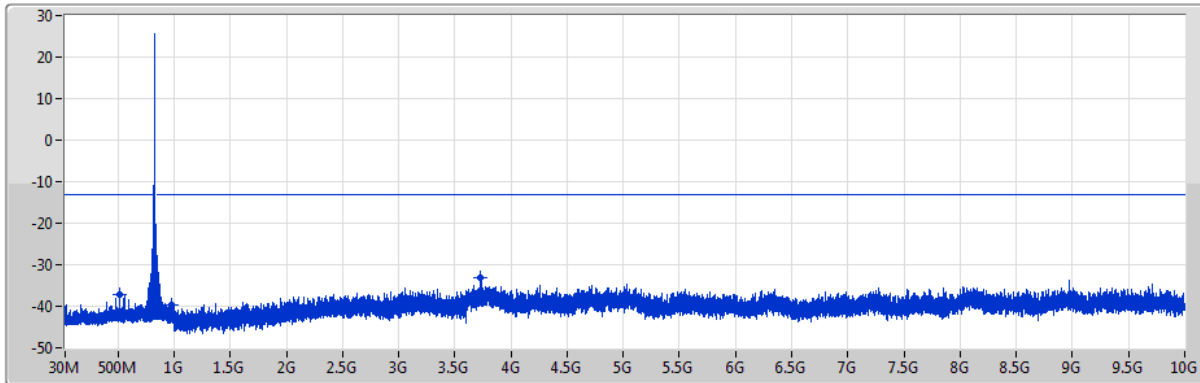
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	575.48M	-37.05	-13.00	-24.05	1	-
949M	1G	1M	3M	Peak	992.25M	-39.62	-13.00	-26.62	1	-
1G	10G	1M	3M	Peak	9.29688G	-34.28	-13.00	-21.28	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**

CSE-TX-Port

829MHz

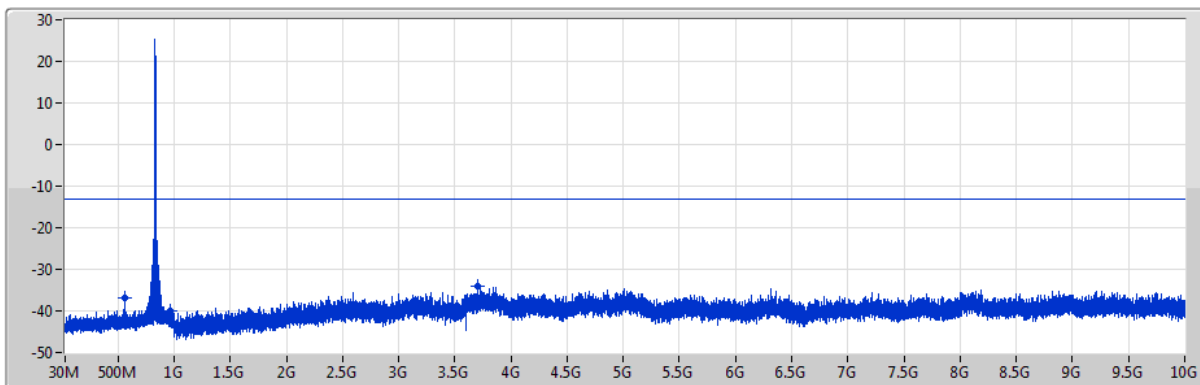


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	517.88M	-37.18	-13.00	-24.18	1	-
949M	1G	1M	3M	Peak	972.26M	-39.78	-13.00	-26.78	1	-
1G	10G	1M	3M	Peak	3.72278G	-33.27	-13.00	-20.27	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**

CSE-TX-Port

836.5MHz



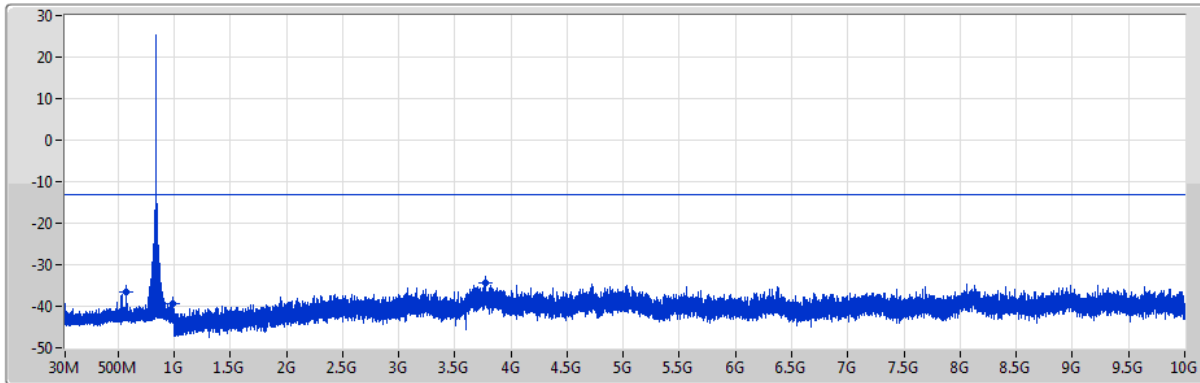
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	563.69M	-36.84	-13.00	-23.84	1	-
949M	1G	1M	3M	Peak	970.04M	-39.89	-13.00	-26.89	1	-
1G	10G	1M	3M	Peak	3.70619G	-34.18	-13.00	-21.18	1	-



**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**

CSE-TX-Port

844MHz



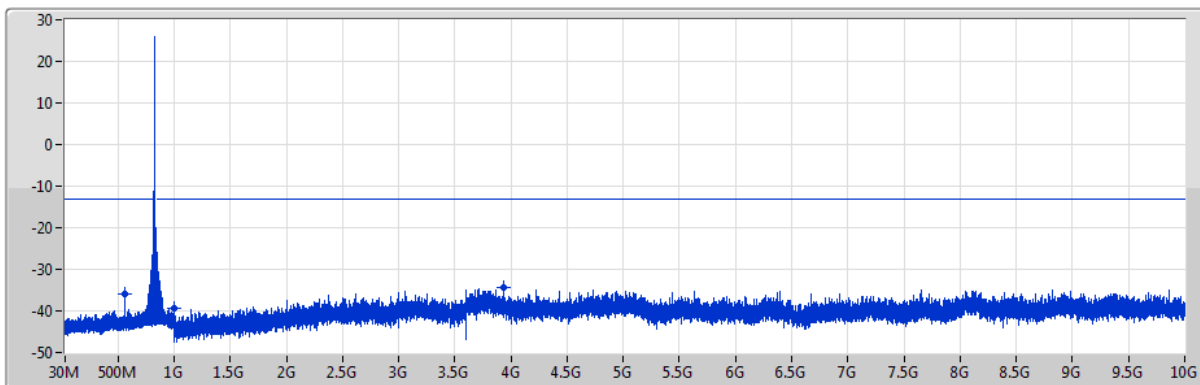
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	570.97M	-36.54	-13.00	-23.54	1	-
949M	1G	1M	3M	Peak	983.68M	-39.43	-13.00	-26.43	1	-
1G	10G	1M	3M	Peak	3.7765G	-34.37	-13.00	-21.37	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

829MHz



Port1

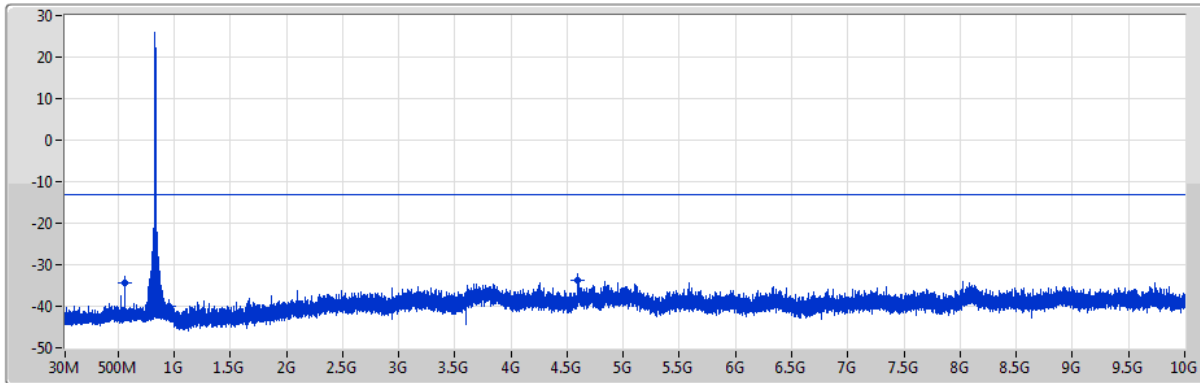
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	556.23M	-36.06	-13.00	-23.06	1	-
949M	1G	1M	3M	Peak	997.86M	-39.39	-13.00	-26.39	1	-
1G	10G	1M	3M	Peak	3.93288G	-34.43	-13.00	-21.43	1	-



Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

836.5MHz



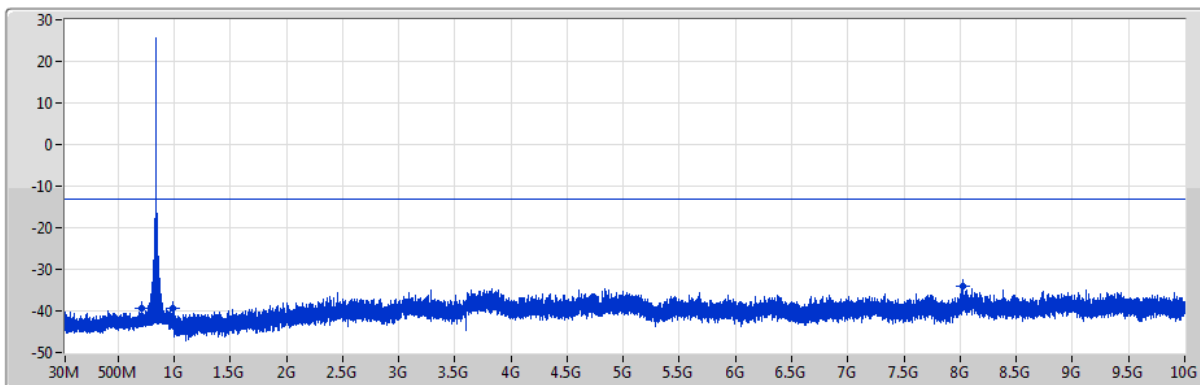
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	563.69M	-34.53	-13.00	-21.53	1	-
949M	1G	1M	3M	Peak	950.07M	-39.92	-13.00	-26.92	1	-
1G	10G	1M	3M	Peak	4.59831G	-33.64	-13.00	-20.64	1	-

Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX

CSE-TX-Port

844MHz



Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	707.52M	-39.35	-13.00	-26.35	1	-
949M	1G	1M	3M	Peak	986.31M	-39.48	-13.00	-26.48	1	-
1G	10G	1M	3M	Peak	8.01888G	-34.10	-13.00	-21.10	1	-

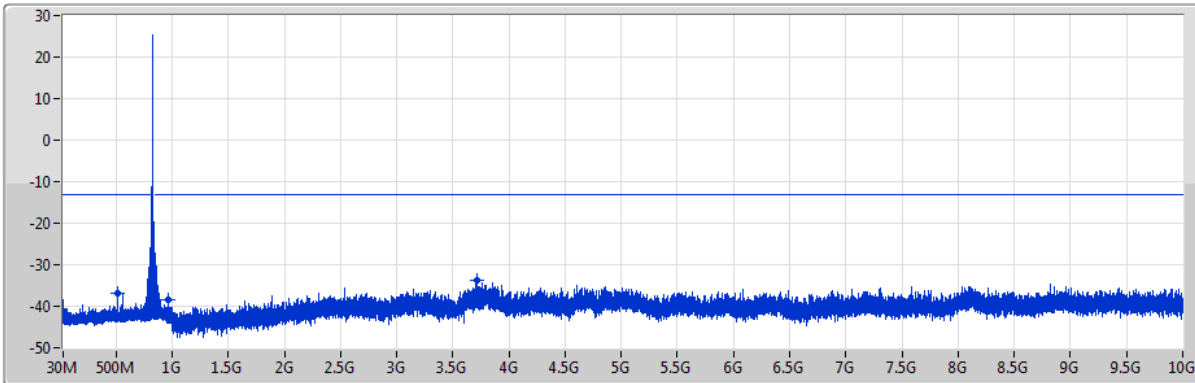




Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

831.5MHz



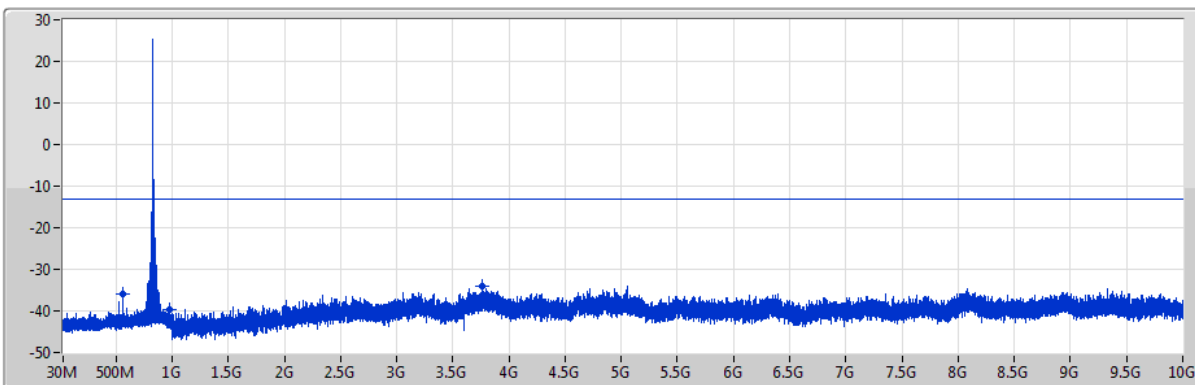
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	518.06M	-36.82	-13.00	-23.82	1	-
949M	1G	1M	3M	Peak	960.12M	-38.52	-13.00	-25.52	1	-
1G	10G	1M	3M	Peak	3.71884G	-33.84	-13.00	-20.84	1	-

Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

836.5MHz



Port1

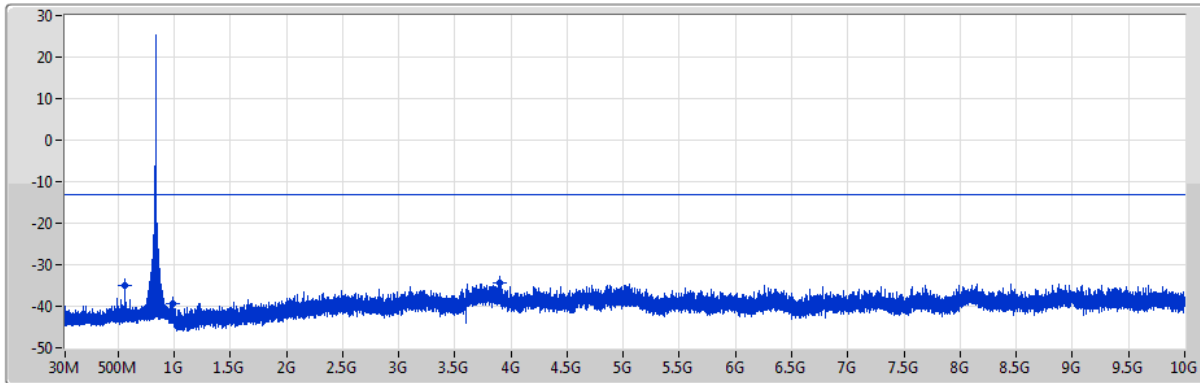
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	561.26M	-35.92	-13.00	-22.92	1	-
949M	1G	1M	3M	Peak	982.2M	-39.72	-13.00	-26.72	1	-
1G	10G	1M	3M	Peak	3.76413G	-33.93	-13.00	-20.93	1	-



**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**

CSE-TX-Port

841.5MHz



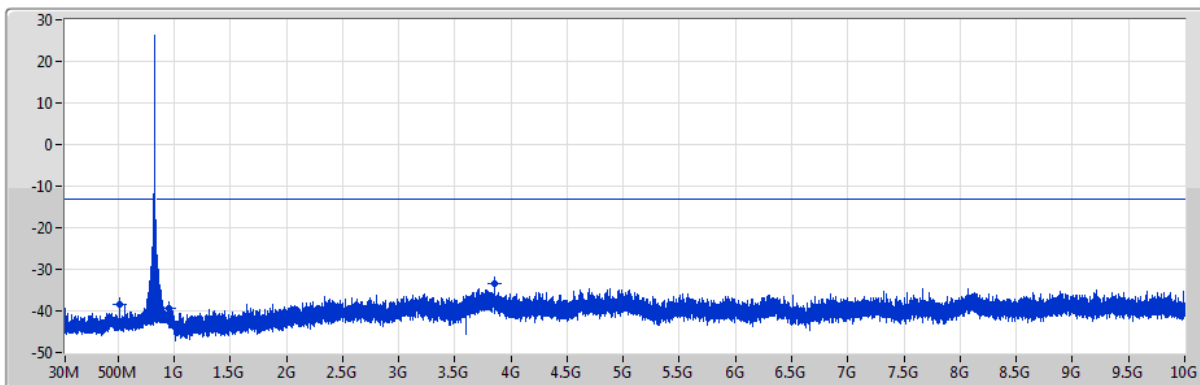
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	566.29M	-34.92	-13.00	-21.92	1	-
949M	1G	1M	3M	Peak	994.57M	-39.53	-13.00	-26.53	1	-
1G	10G	1M	3M	Peak	3.89969G	-34.23	-13.00	-21.23	1	-

**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

831.5MHz



Port1

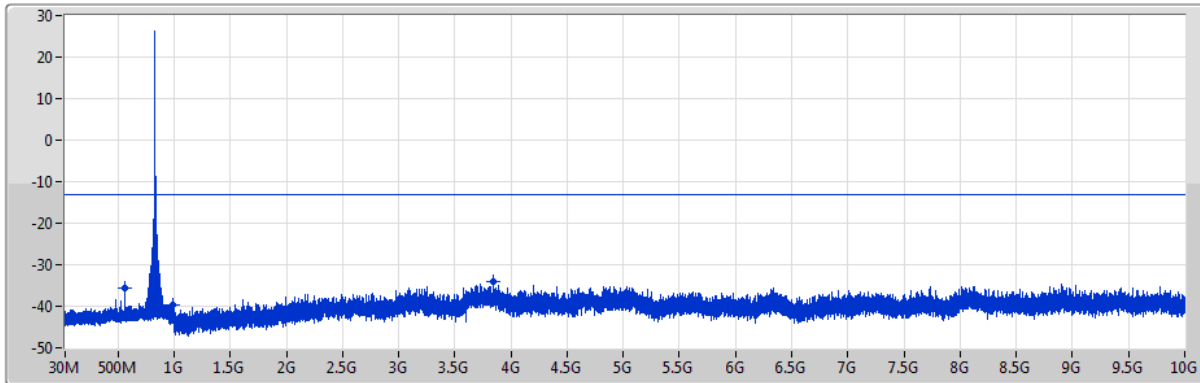
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	517.88M	-38.43	-13.00	-25.43	1	-
949M	1G	1M	3M	Peak	953.87M	-39.25	-13.00	-26.25	1	-
1G	10G	1M	3M	Peak	3.84878G	-33.47	-13.00	-20.47	1	-



**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

836.5MHz



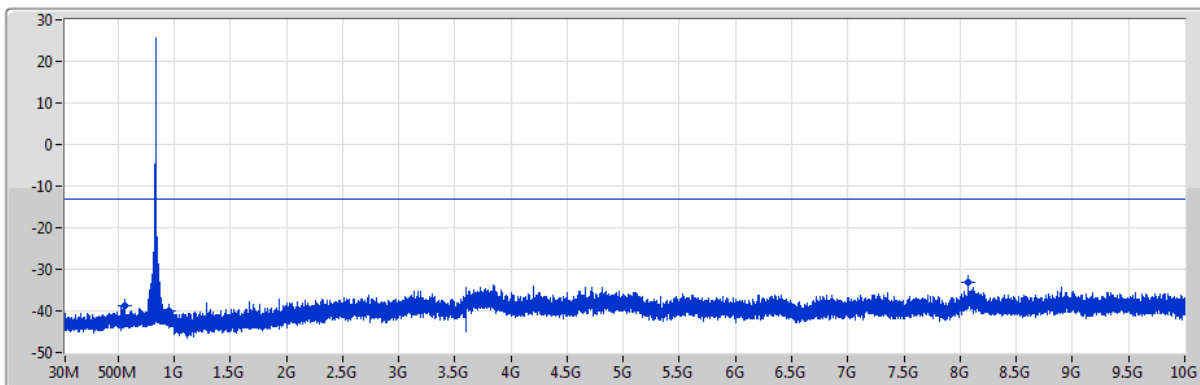
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	561.78M	-35.59	-13.00	-22.59	1	-
949M	1G	1M	3M	Peak	984.09M	-39.63	-13.00	-26.63	1	-
1G	10G	1M	3M	Peak	3.84175G	-34.13	-13.00	-21.13	1	-

**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**

CSE-TX-Port

841.5MHz



Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	724M	1M	3M	Peak	566.12M	-38.78	-13.00	-25.78	1	-
949M	1G	1M	3M	Peak	952.19M	-40.10	-13.00	-27.10	1	-
1G	10G	1M	3M	Peak	8.06641G	-33.24	-13.00	-20.24	1	-



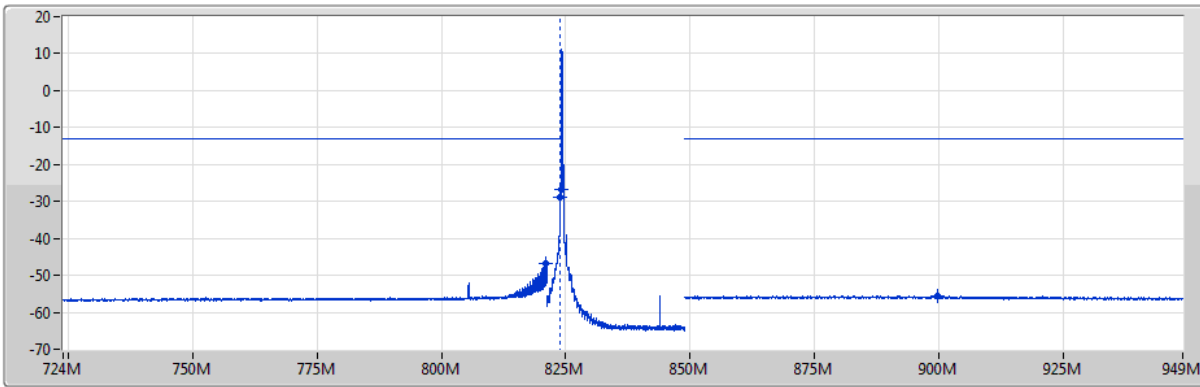
Summary

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 26	-	-	-	-	-	-	-	-	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	Pass	823.9M	824M	15k	47k	RMS	824M	-26.72	-13.00	-13.72	1	-	-
LTE-M1_1.4MHz_Nss1,16QAM_1TX	Pass	849M	849.1M	15k	47k	RMS	849M	-28.57	-13.00	-15.57	1	-	-
LTE-M1_3MHz_Nss1,QPSK_1TX	Pass	818M	823.9M	15k	47k	RMS	823.85M	-32.26	-13.00	-19.26	1	MBW 100k	-
LTE-M1_3MHz_Nss1,16QAM_1TX	Pass	849.1M	855M	15k	47k	RMS	849.15M	-30.35	-13.00	-17.35	1	MBW 100k	-
LTE-M1_5MHz_Nss1,QPSK_1TX	Pass	849.1M	859M	15k	47k	RMS	849.15M	-28.89	-13.00	-15.89	1	MBW 100k	-
LTE-M1_5MHz_Nss1,16QAM_1TX	Pass	849.1M	859M	15k	47k	RMS	849.15M	-30.67	-13.00	-17.67	1	MBW 100k	-
LTE-M1_10MHz_Nss1,QPSK_1TX	Pass	849.1M	869M	15k	47k	RMS	849.15M	-35.70	-13.00	-22.70	1	MBW 100k	-
LTE-M1_10MHz_Nss1,16QAM_1TX	Pass	849.1M	869M	15k	47k	RMS	849.15M	-33.79	-13.00	-20.79	1	MBW 100k	-
LTE-M1_15MHz_Nss1,QPSK_1TX	Pass	849.1M	879M	15k	47k	RMS	849.15M	-36.28	-13.00	-23.28	1	MBW 100k	-
LTE-M1_15MHz_Nss1,16QAM_1TX	Pass	849.1M	879M	15k	47k	RMS	849.15M	-34.50	-13.00	-21.50	1	MBW 100k	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**824.7MHz\_QPSK\_RB 1,#RB 0,NB 0**

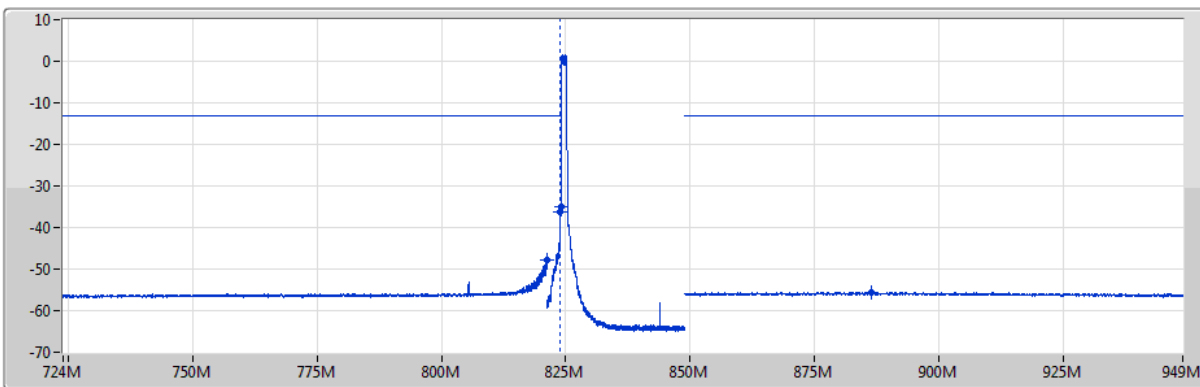
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	821.2M	100k	300k	RMS	820.91M	-46.95	-13.00	-33.95	1	-
821.2M	823.9M	15k	47k	RMS	823.85M	-28.70	-13.00	-15.70	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-26.72	-13.00	-13.72	1	-
849M	949M	100k	300k	RMS	899.65M	-55.58	-13.00	-42.58	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**824.7MHz\_QPSK\_RB 6,#RB 0,NB 0**

CSE-TX-Port

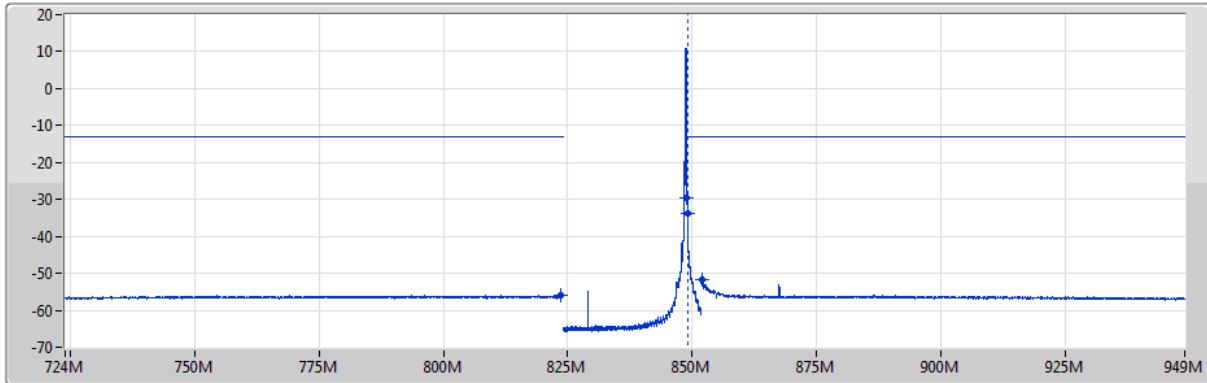


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	821.2M	100k	300k	RMS	821.2M	-47.78	-13.00	-34.78	1	-
821.2M	823.9M	15k	47k	RMS	823.85M	-36.40	-13.00	-23.40	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-35.10	-13.00	-22.10	1	-
849M	949M	100k	300k	RMS	886.3M	-55.58	-13.00	-42.58	1	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**848.3MHz\_QPSK\_RB 1,#RB 5,NB 0**

CSE-TX-Port

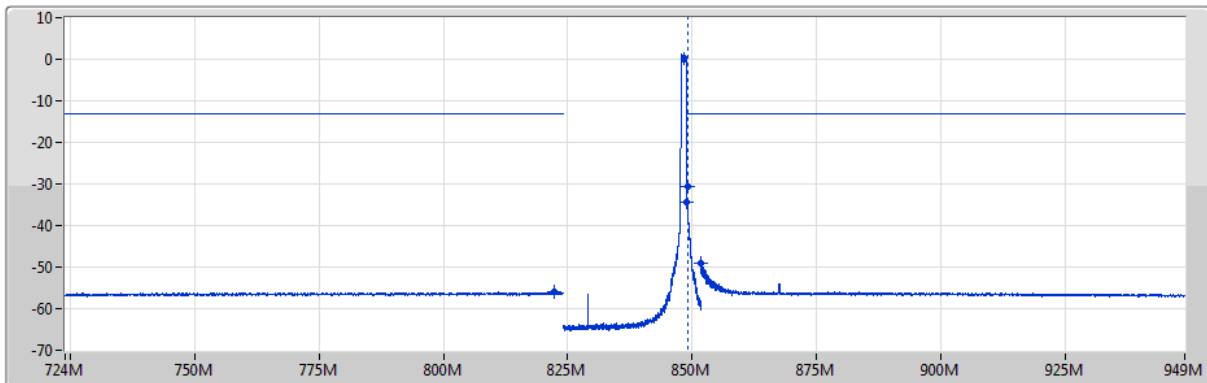


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	823.6M	-55.96	-13.00	-42.96	1	-
849M	849.1M	15k	47k	RMS	849M	-29.57	-13.00	-16.57	1	-
849.1M	851.8M	15k	47k	RMS	849.15M	-33.69	-13.00	-20.69	1	MBW 100k
851.8M	949M	100k	300k	RMS	852.04M	-51.77	-13.00	-38.77	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**848.3MHz\_QPSK\_RB 6,#RB 0,NB 0**

CSE-TX-Port



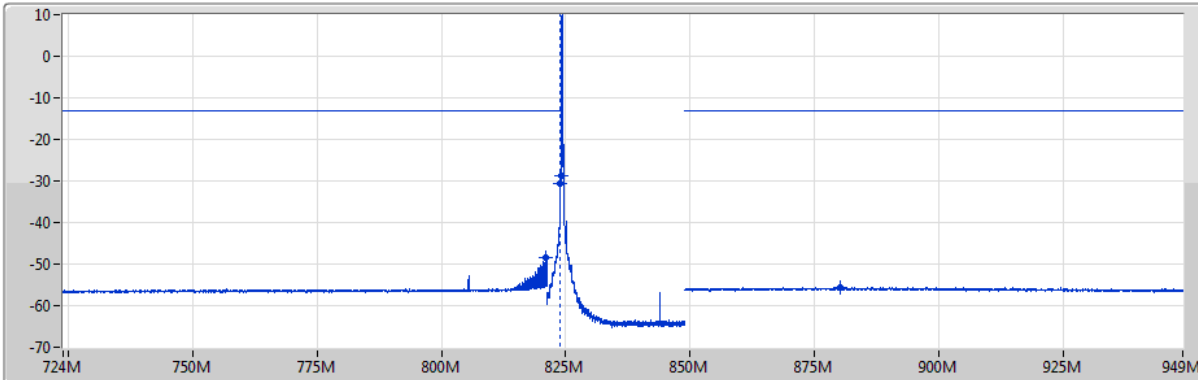
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	822.35M	-56.08	-13.00	-43.08	1	-
849M	849.1M	15k	47k	RMS	849M	-34.24	-13.00	-21.24	1	-
849.1M	851.8M	15k	47k	RMS	849.15M	-30.53	-13.00	-17.53	1	MBW 100k
851.8M	949M	100k	300k	RMS	851.8M	-48.93	-13.00	-35.93	1	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**824.7MHz\_16QAM\_RB 1,#RB 0,NB 0**

CSE-TX-Port

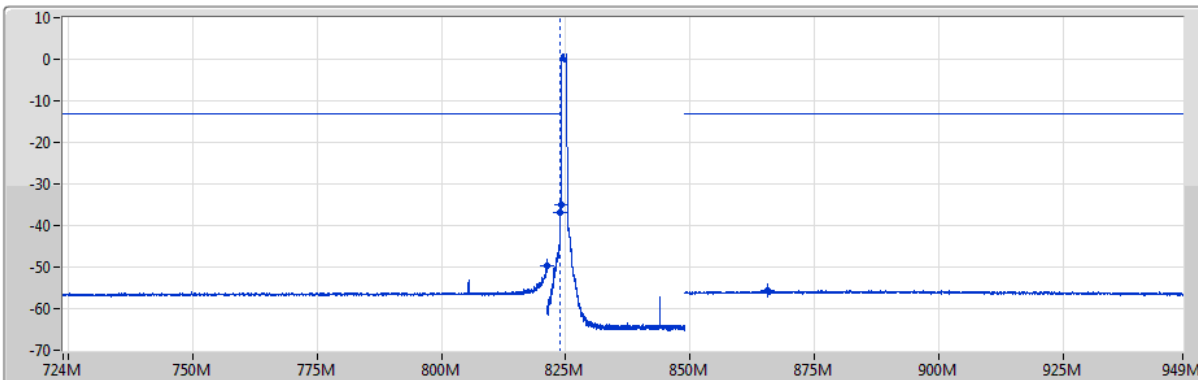


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	821.2M	100k	300k	RMS	820.86M	-48.53	-13.00	-35.53	1	-
821.2M	823.9M	15k	47k	RMS	823.85M	-30.75	-13.00	-17.75	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-28.60	-13.00	-15.60	1	-
849M	949M	100k	300k	RMS	880.15M	-55.55	-13.00	-42.55	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**824.7MHz\_16QAM\_RB 6,#RB 0,NB 0**

CSE-TX-Port



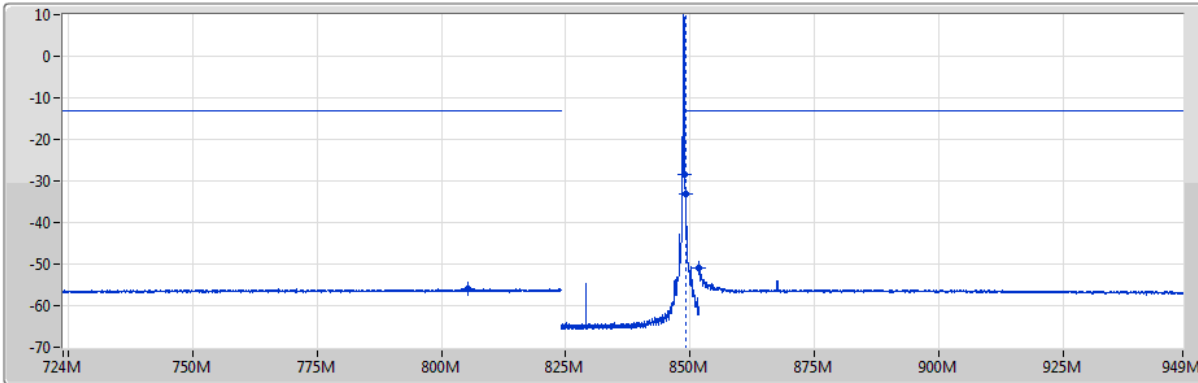
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	821.2M	100k	300k	RMS	821.2M	-49.66	-13.00	-36.66	1	-
821.2M	823.9M	15k	47k	RMS	823.85M	-36.89	-13.00	-23.89	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.99M	-35.04	-13.00	-22.04	1	-
849M	949M	100k	300k	RMS	865.65M	-55.63	-13.00	-42.63	1	-



**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**848.3MHz\_16QAM\_RB 1,#RB 5,NB 0**

CSE-TX-Port

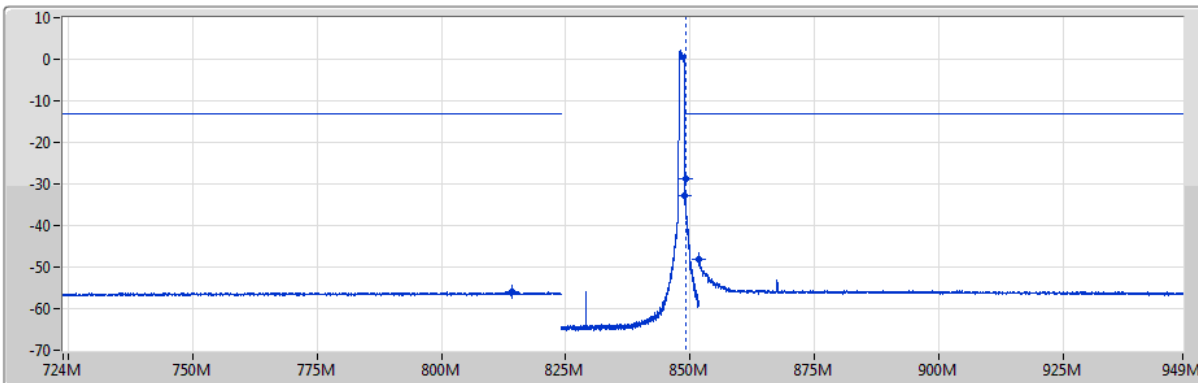


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	805.45M	-55.89	-13.00	-42.89	1	-
849M	849.1M	15k	47k	RMS	849M	-28.57	-13.00	-15.57	1	-
849.1M	851.8M	15k	47k	RMS	849.15M	-32.99	-13.00	-19.99	1	MBW 100k
851.8M	949M	100k	300k	RMS	851.8M	-51.09	-13.00	-38.09	1	-

**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**848.3MHz\_16QAM\_RB 6,#RB 0,NB 0**

CSE-TX-Port



Port1

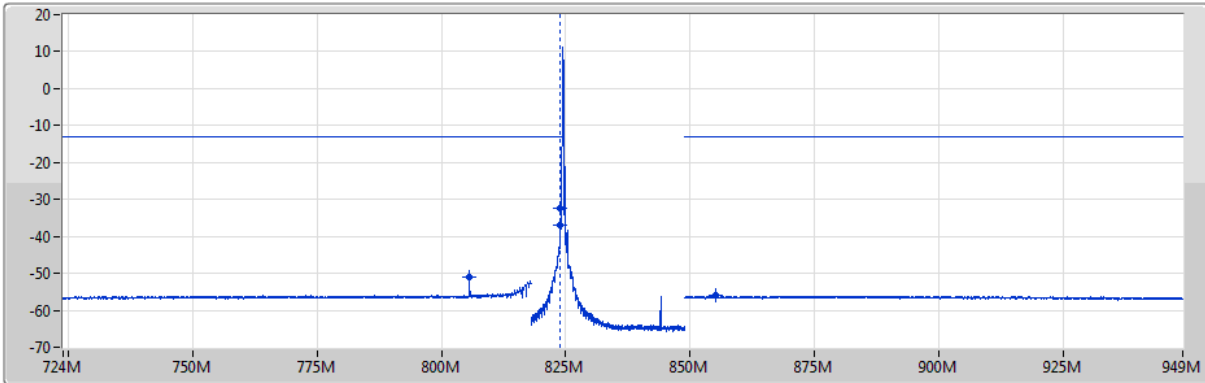
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	814.25M	-55.98	-13.00	-42.98	1	-
849M	849.1M	15k	47k	RMS	849M	-32.70	-13.00	-19.70	1	-
849.1M	851.8M	15k	47k	RMS	849.15M	-28.88	-13.00	-15.88	1	MBW 100k
851.8M	949M	100k	300k	RMS	851.8M	-48.06	-13.00	-35.06	1	-





**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**825.5MHz\_QPSK\_RB 1,#RB 0,NB 0**

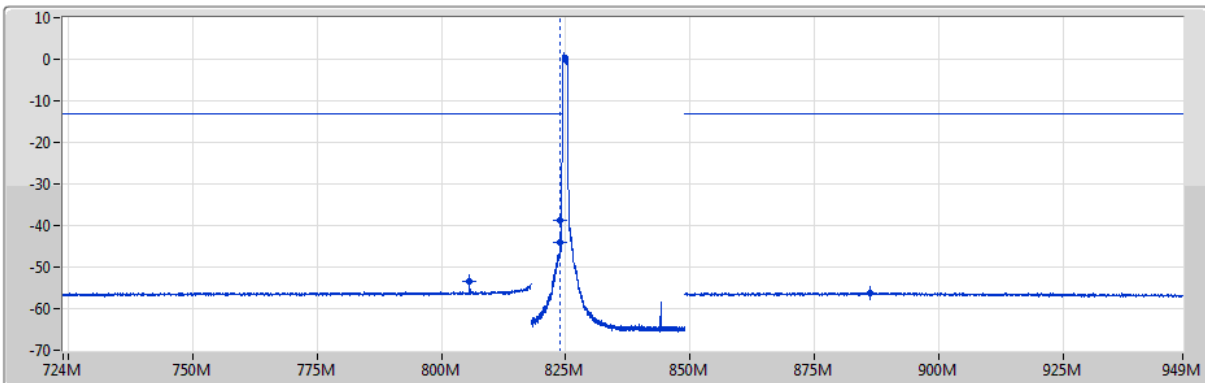
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	818M	100k	300k	RMS	805.69M	-50.98	-13.00	-37.98	1	-
818M	823.9M	15k	47k	RMS	823.85M	-32.26	-13.00	-19.26	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.98M	-37.11	-13.00	-24.11	1	-
849M	949M	100k	300k	RMS	855.25M	-56.06	-13.00	-43.06	1	-

**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**825.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

CSE-TX-Port

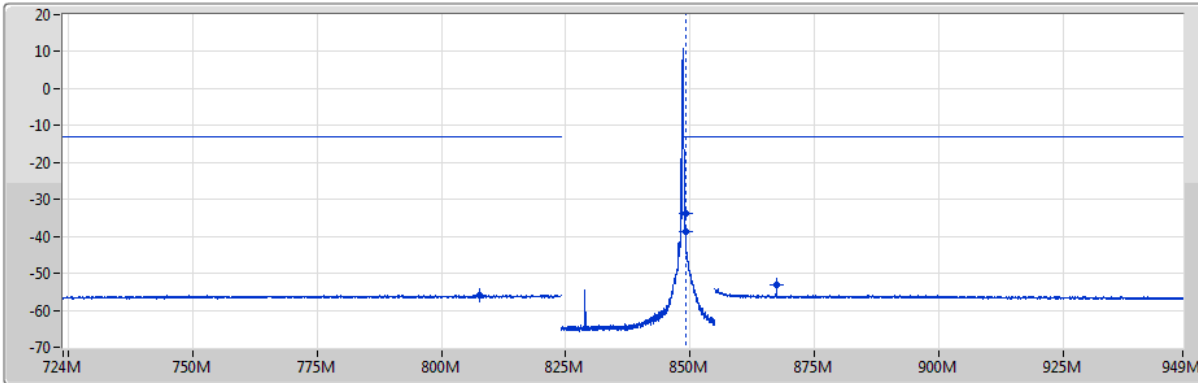


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	818M	100k	300k	RMS	805.69M	-53.31	-13.00	-40.31	1	-
818M	823.9M	15k	47k	RMS	823.85M	-38.65	-13.00	-25.65	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.9M	-44.18	-13.00	-31.18	1	-
849M	949M	100k	300k	RMS	886.25M	-56.10	-13.00	-43.10	1	-



**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**847.5MHz\_QPSK\_RB 1,#RB 5,NB 1**

CSE-TX-Port

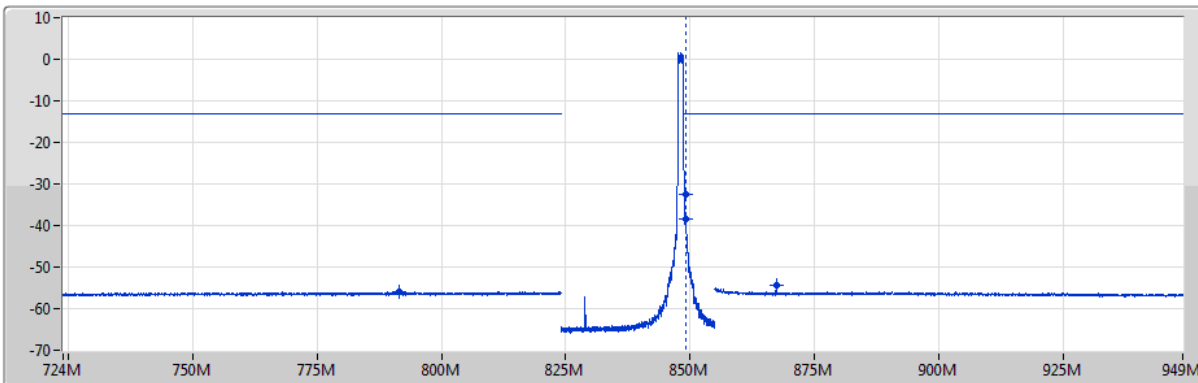


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	807.8M	-55.92	-13.00	-42.92	1	-
849M	849.1M	15k	47k	RMS	849.03M	-38.78	-13.00	-25.78	1	-
849.1M	855M	15k	47k	RMS	849.15M	-33.92	-13.00	-20.92	1	MBW 100k
855M	949M	100k	300k	RMS	867.31M	-53.10	-13.00	-40.10	1	-

**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**847.5MHz\_QPSK\_RB 6,#RB 0,NB 1**

CSE-TX-Port



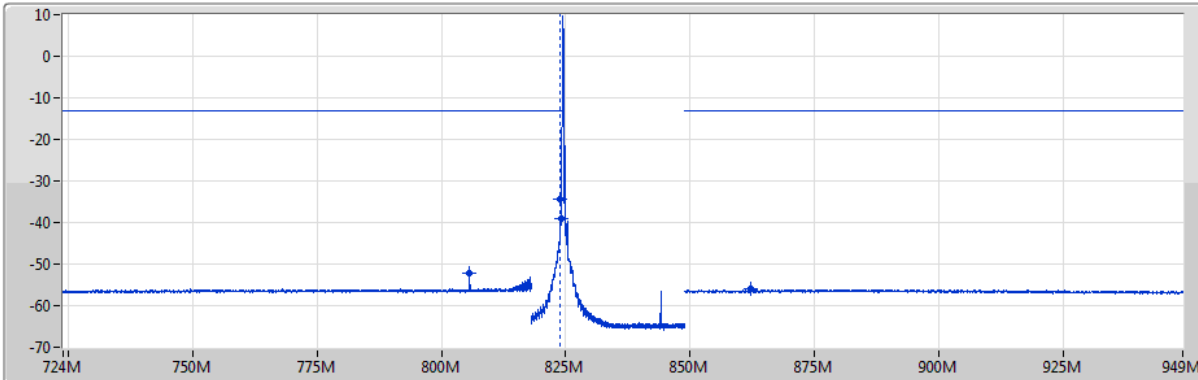
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	791.4M	-55.95	-13.00	-42.95	1	-
849M	849.1M	15k	47k	RMS	849.07M	-38.38	-13.00	-25.38	1	-
849.1M	855M	15k	47k	RMS	849.15M	-32.36	-13.00	-19.36	1	MBW 100k
855M	949M	100k	300k	RMS	867.31M	-54.36	-13.00	-41.36	1	-



**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**825.5MHz\_16QAM\_RB 1,#RB 0,NB 0**

CSE-TX-Port

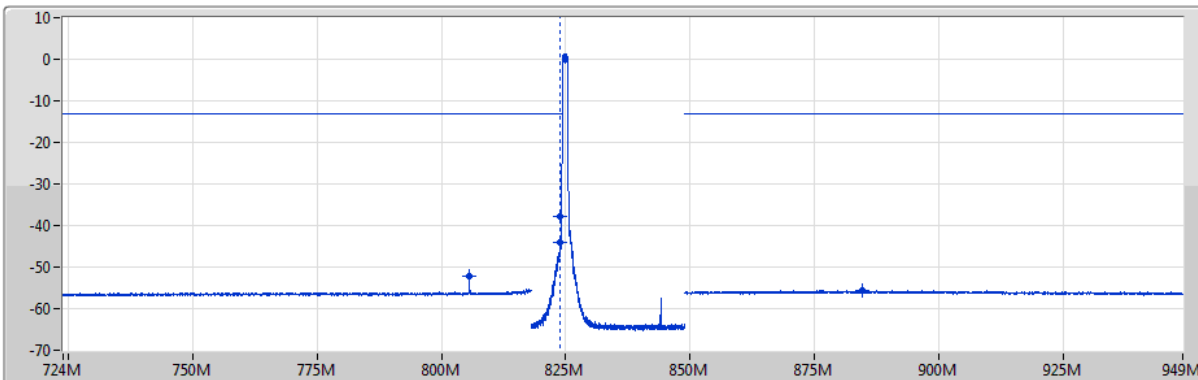


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	818M	100k	300k	RMS	805.69M	-52.09	-13.00	-39.09	1	-
818M	823.9M	15k	47k	RMS	823.85M	-34.35	-13.00	-21.35	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-38.98	-13.00	-25.98	1	-
849M	949M	100k	300k	RMS	862.3M	-55.98	-13.00	-42.98	1	-

**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**825.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

CSE-TX-Port



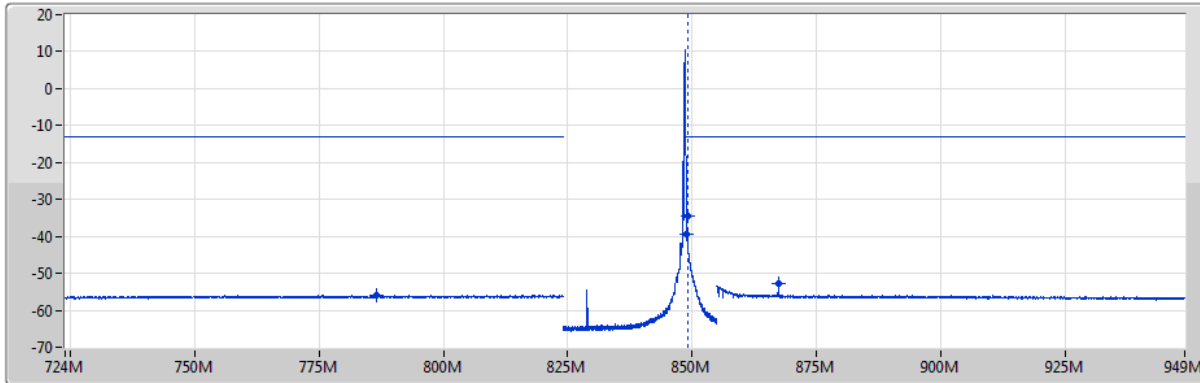
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	818M	100k	300k	RMS	805.69M	-52.33	-13.00	-39.33	1	-
818M	823.9M	15k	47k	RMS	823.85M	-37.91	-13.00	-24.91	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.92M	-44.16	-13.00	-31.16	1	-
849M	949M	100k	300k	RMS	884.7M	-55.55	-13.00	-42.55	1	-



**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**847.5MHz\_16QAM\_RB 1,#RB 5,NB 1**

CSE-TX-Port

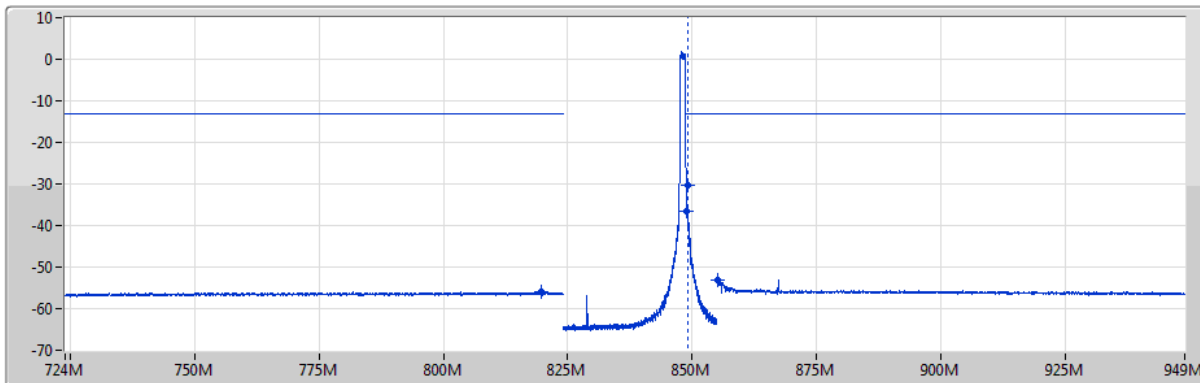


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	786.45M	-55.92	-13.00	-42.92	1	-
849M	849.1M	15k	47k	RMS	849M	-39.32	-13.00	-26.32	1	-
849.1M	855M	15k	47k	RMS	849.15M	-34.50	-13.00	-21.50	1	MBW 100k
855M	949M	100k	300k	RMS	867.36M	-52.67	-13.00	-39.67	1	-

**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**847.5MHz\_16QAM\_RB 6,#RB 0,NB 1**

CSE-TX-Port



Port1

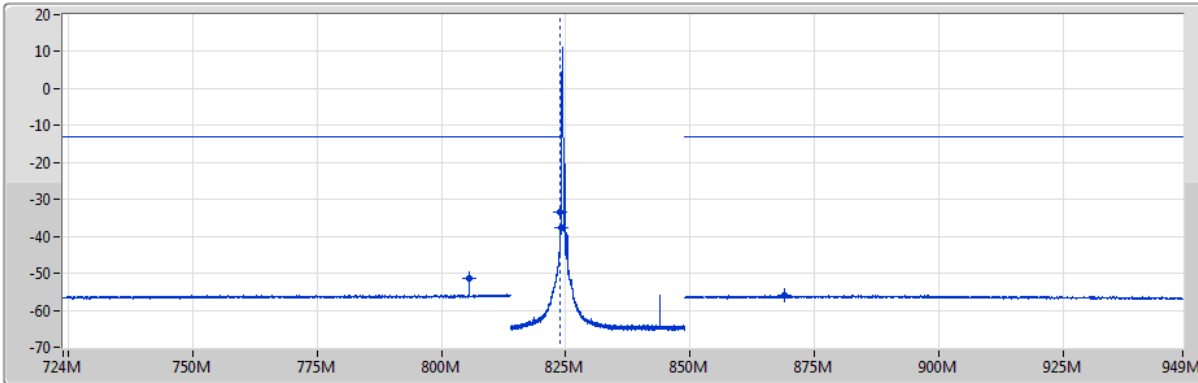
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	819.75M	-56.02	-13.00	-43.02	1	-
849M	849.1M	15k	47k	RMS	849M	-36.57	-13.00	-23.57	1	-
849.1M	855M	15k	47k	RMS	849.15M	-30.35	-13.00	-17.35	1	MBW 100k
855M	949M	100k	300k	RMS	855.05M	-53.09	-13.00	-40.09	1	-



Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

826.5MHz\_QPSK\_RB 1,#RB 0,NB 0



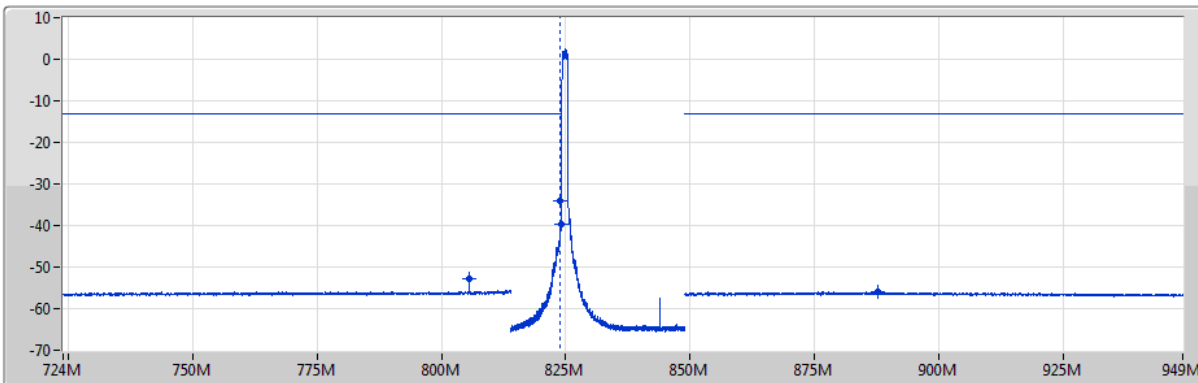
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	814M	100k	300k	RMS	805.59M	-51.46	-13.00	-38.46	1	-
814M	823.9M	15k	47k	RMS	823.85M	-33.50	-13.00	-20.50	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-37.69	-13.00	-24.69	1	-
849M	949M	100k	300k	RMS	868.95M	-55.96	-13.00	-42.96	1	-

Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

CSE-TX-Port

826.5MHz\_QPSK\_RB 6,#RB 0,NB 0



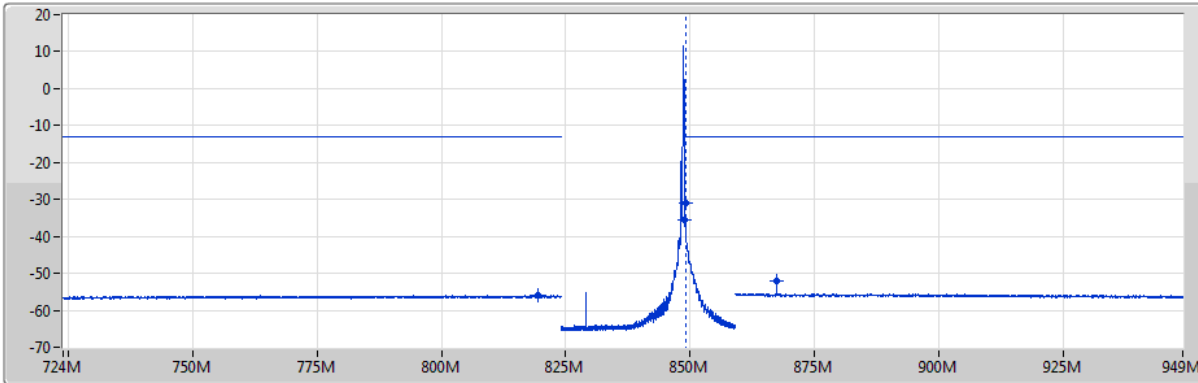
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	814M	100k	300k	RMS	805.59M	-52.74	-13.00	-39.74	1	-
814M	823.9M	15k	47k	RMS	823.85M	-34.15	-13.00	-21.15	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-39.62	-13.00	-26.62	1	-
849M	949M	100k	300k	RMS	887.65M	-56.01	-13.00	-43.01	1	-



**Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX**  
**846.5MHz\_QPSK\_RB 1,#RB 5,NB 3**

CSE-TX-Port

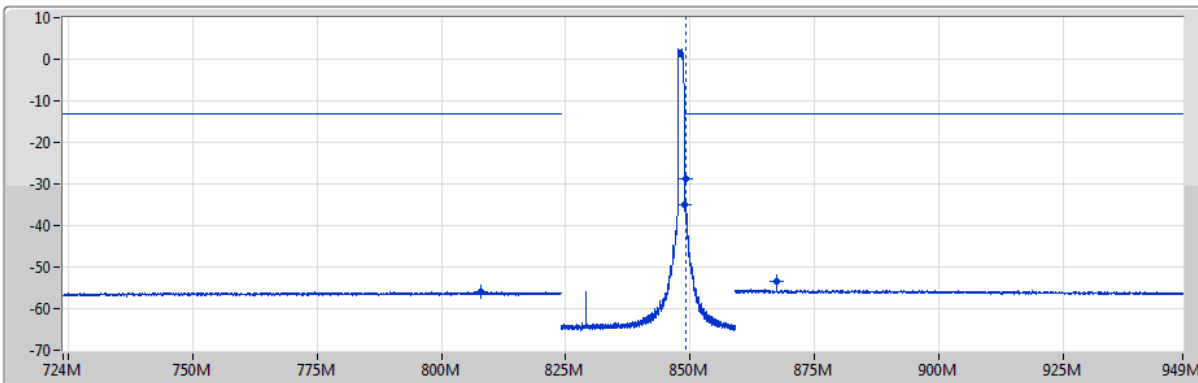


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	819.5M	-55.93	-13.00	-42.93	1	-
849M	849.1M	15k	47k	RMS	849M	-35.55	-13.00	-22.55	1	-
849.1M	859M	15k	47k	RMS	849.15M	-31.07	-13.00	-18.07	1	MBW 100k
859M	949M	100k	300k	RMS	867.42M	-52.18	-13.00	-39.18	1	-

**Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX**  
**846.5MHz\_QPSK\_RB 6,#RB 0,NB 3**

CSE-TX-Port



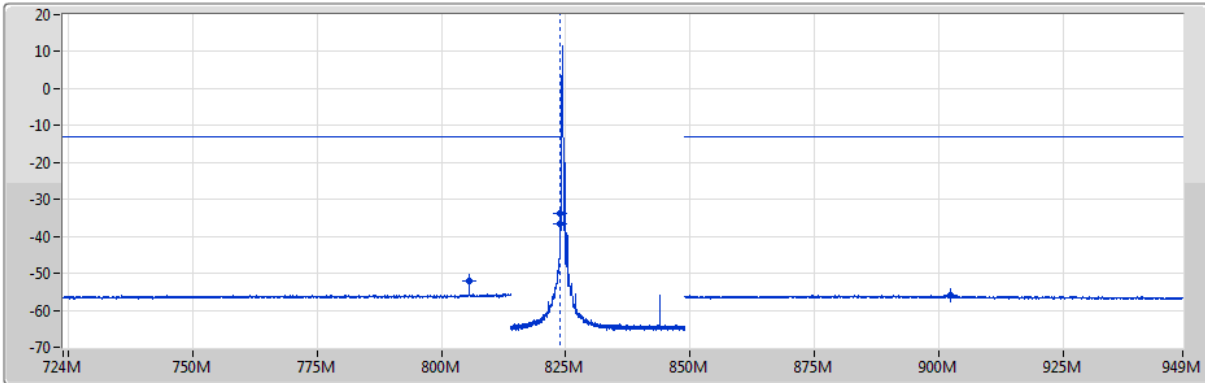
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	808M	-55.99	-13.00	-42.99	1	-
849M	849.1M	15k	47k	RMS	849.01M	-35.07	-13.00	-22.07	1	-
849.1M	859M	15k	47k	RMS	849.15M	-28.89	-13.00	-15.89	1	MBW 100k
859M	949M	100k	300k	RMS	867.42M	-53.31	-13.00	-40.31	1	-



**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**826.5MHz\_16QAM\_RB 1,#RB 0,NB 0**

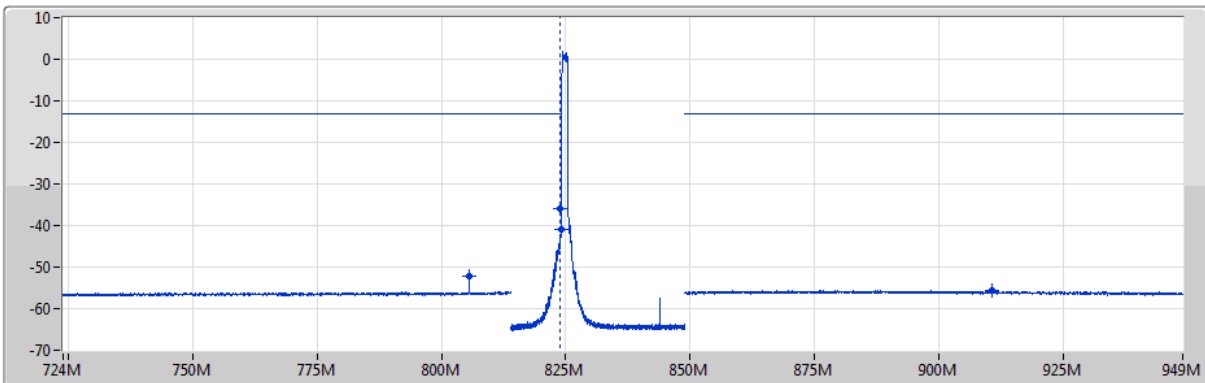
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	814M	100k	300k	RMS	805.59M	-52.07	-13.00	-39.07	1	-
814M	823.9M	15k	47k	RMS	823.85M	-33.81	-13.00	-20.81	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.93M	-36.43	-13.00	-23.43	1	-
849M	949M	100k	300k	RMS	902.45M	-56.00	-13.00	-43.00	1	-

**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**826.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

CSE-TX-Port

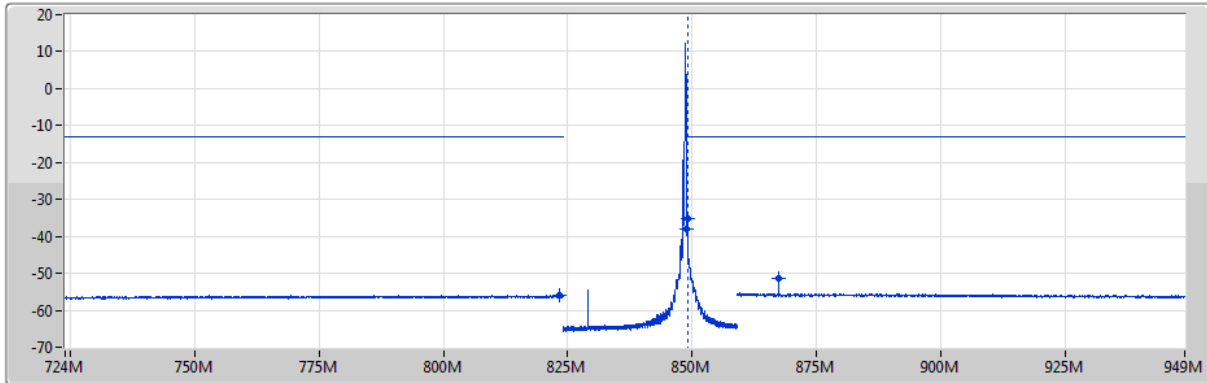


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	814M	100k	300k	RMS	805.59M	-52.24	-13.00	-39.24	1	-
814M	823.9M	15k	47k	RMS	823.85M	-36.01	-13.00	-23.01	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-40.85	-13.00	-27.85	1	-
849M	949M	100k	300k	RMS	910.8M	-55.67	-13.00	-42.67	1	-



**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**846.5MHz\_16QAM\_RB 1,#RB 5,NB 3**

CSE-TX-Port

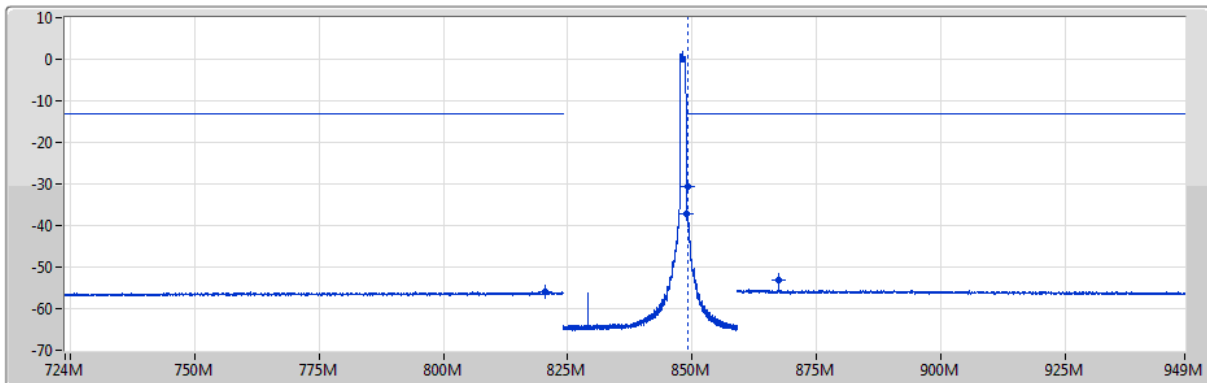


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	823.25M	-55.99	-13.00	-42.99	1	-
849M	849.1M	15k	47k	RMS	849.01M	-38.08	-13.00	-25.08	1	-
849.1M	859M	15k	47k	RMS	849.15M	-35.11	-13.00	-22.11	1	MBW 100k
859M	949M	100k	300k	RMS	867.42M	-51.43	-13.00	-38.43	1	-

**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**846.5MHz\_16QAM\_RB 6,#RB 0,NB 3**

CSE-TX-Port



Port1

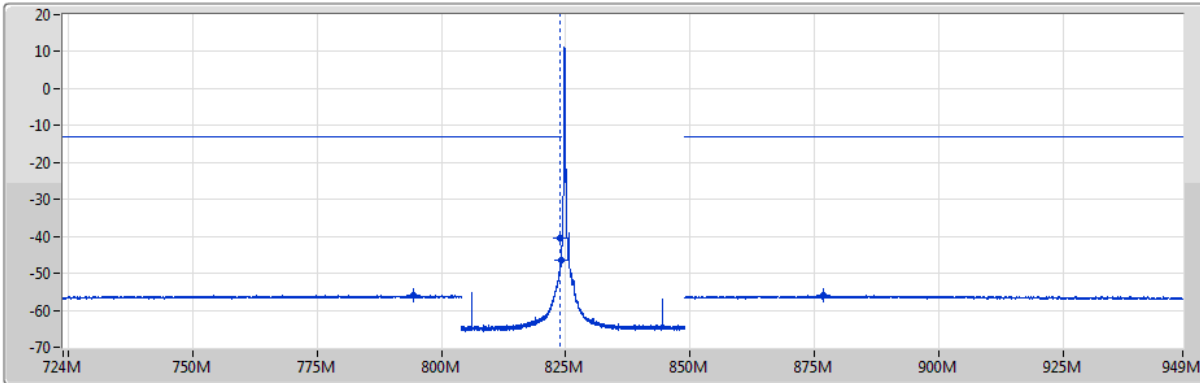
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	820.4M	-55.88	-13.00	-42.88	1	-
849M	849.1M	15k	47k	RMS	849M	-37.05	-13.00	-24.05	1	-
849.1M	859M	15k	47k	RMS	849.15M	-30.67	-13.00	-17.67	1	MBW 100k
859M	949M	100k	300k	RMS	867.42M	-53.09	-13.00	-40.09	1	-





**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**829MHz\_QPSK\_RB 1,#RB 0,NB 0**

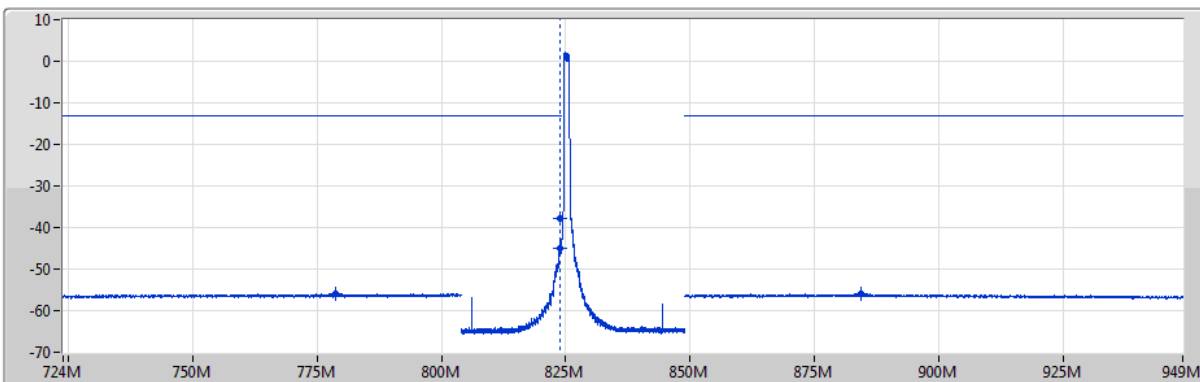
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	804M	100k	300k	RMS	794.28M	-55.98	-13.00	-42.98	1	-
804M	823.9M	15k	47k	RMS	823.85M	-40.44	-13.00	-27.44	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-46.45	-13.00	-33.45	1	-
849M	949M	100k	300k	RMS	876.85M	-56.03	-13.00	-43.03	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**829MHz\_QPSK\_RB 6,#RB 0,NB 0**

CSE-TX-Port

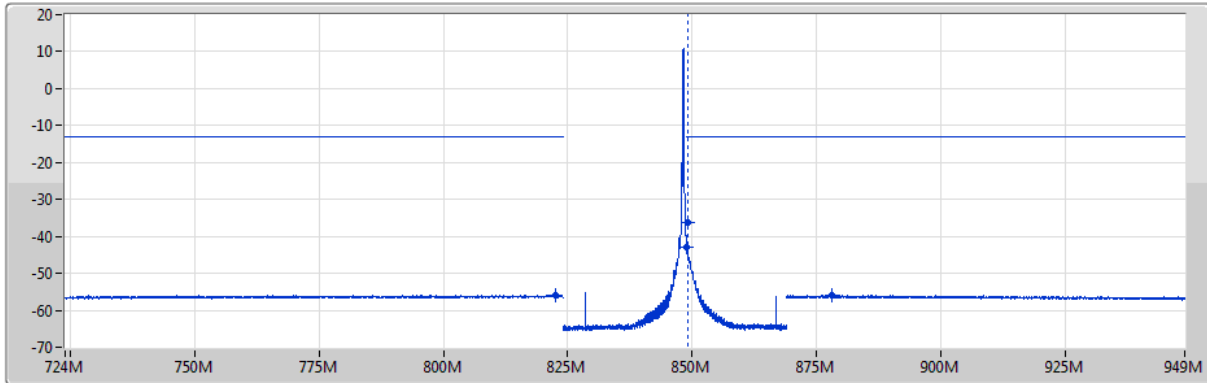


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	804M	100k	300k	RMS	778.8M	-55.89	-13.00	-42.89	1	-
804M	823.9M	15k	47k	RMS	823.85M	-37.82	-13.00	-24.82	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.96M	-44.99	-13.00	-31.99	1	-
849M	949M	100k	300k	RMS	884.4M	-55.93	-13.00	-42.93	1	-



**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**844MHz\_QPSK\_RB 1,#RB 5,NB 7**

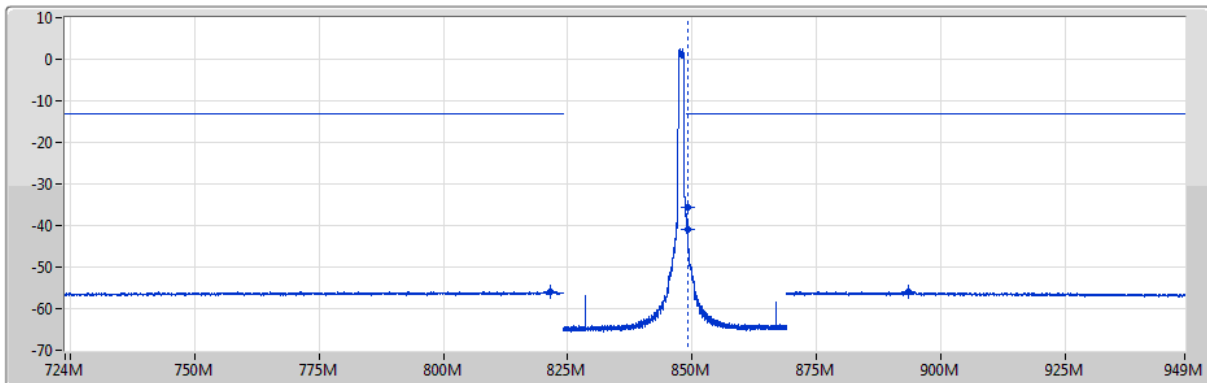
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	822.55M	-55.96	-13.00	-42.96	1	-
849M	849.1M	15k	47k	RMS	849M	-42.86	-13.00	-29.86	1	-
849.1M	869M	15k	47k	RMS	849.15M	-36.19	-13.00	-23.19	1	MBW 100k
869M	949M	100k	300k	RMS	878.2M	-55.95	-13.00	-42.95	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**844MHz\_QPSK\_RB 6,#RB 0,NB 7**

CSE-TX-Port

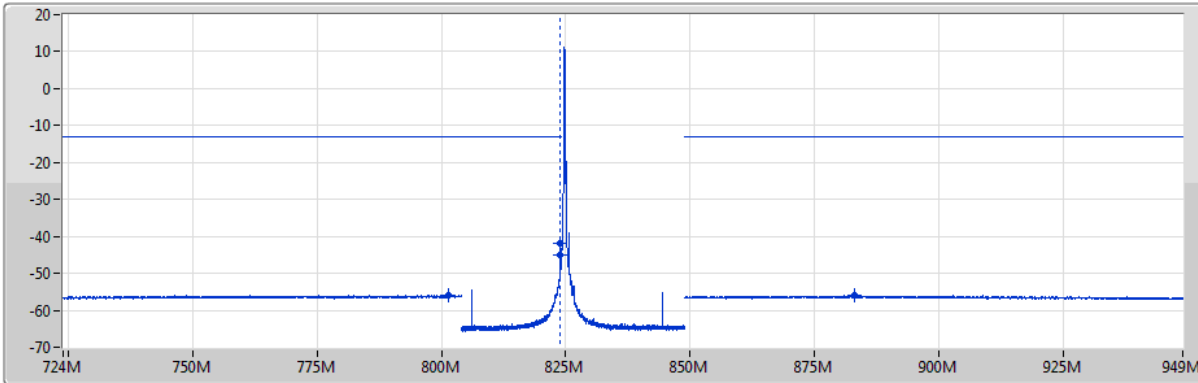


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	821.45M	-55.90	-13.00	-42.90	1	-
849M	849.1M	15k	47k	RMS	849.02M	-40.94	-13.00	-27.94	1	-
849.1M	869M	15k	47k	RMS	849.15M	-35.70	-13.00	-22.70	1	MBW 100k
869M	949M	100k	300k	RMS	893.4M	-55.96	-13.00	-42.96	1	-



**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**829MHz\_16QAM\_RB 1,#RB 0,NB 0**

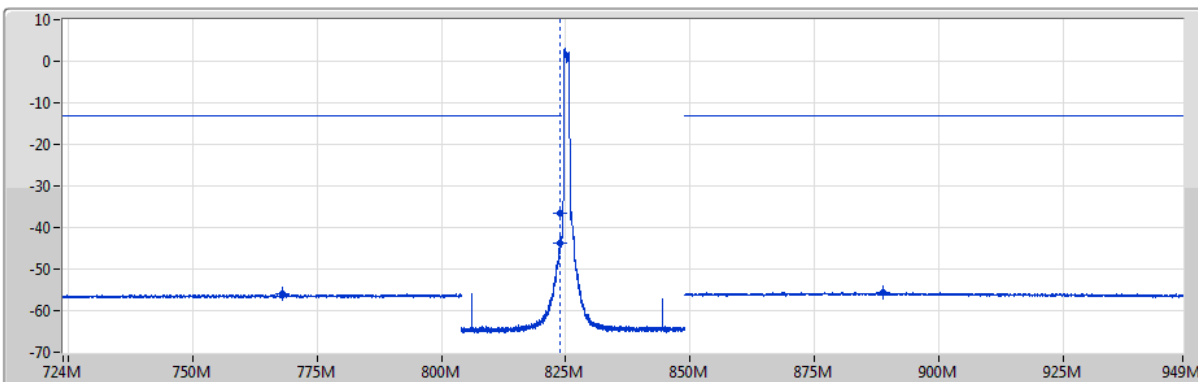
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	804M	100k	300k	RMS	801.36M	-55.89	-13.00	-42.89	1	-
804M	823.9M	15k	47k	RMS	823.85M	-41.76	-13.00	-28.76	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.95M	-45.05	-13.00	-32.05	1	-
849M	949M	100k	300k	RMS	882.95M	-56.05	-13.00	-43.05	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**829MHz\_16QAM\_RB 6,#RB 0,NB 0**

CSE-TX-Port

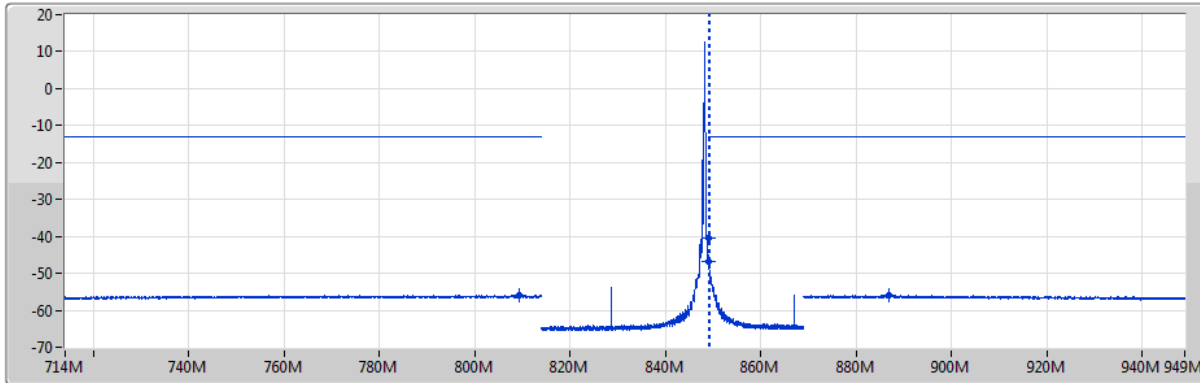


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	804M	100k	300k	RMS	768M	-56.03	-13.00	-43.03	1	-
804M	823.9M	15k	47k	RMS	823.85M	-36.62	-13.00	-23.62	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.91M	-43.60	-13.00	-30.60	1	-
849M	949M	100k	300k	RMS	888.85M	-55.59	-13.00	-42.59	1	-



**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**844MHz\_16QAM\_RB 1,#RB 5,NB 7**

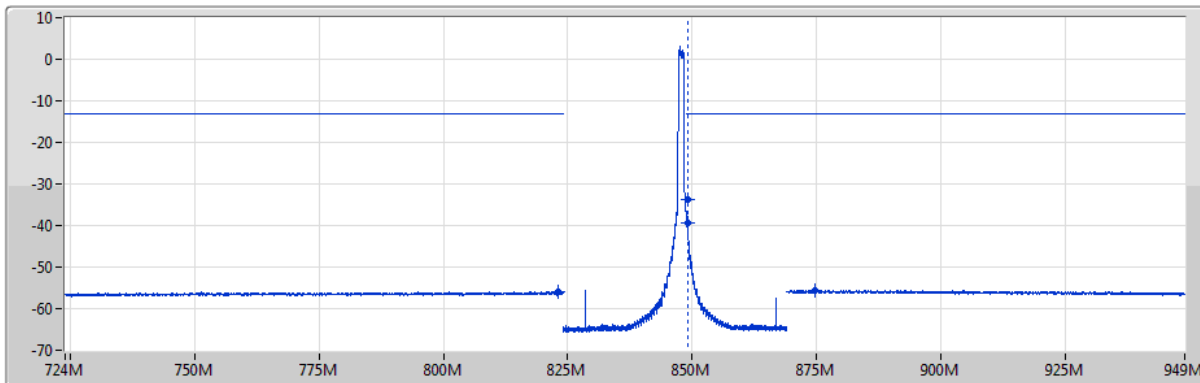
CSE-TX-Port



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
714M	814M	100k	300k	RMS	809.35M	-55.93	-13.00	-42.93	1	-
849M	849.1M	15k	47k	RMS	849.02M	-46.93	-13.00	-33.93	1	-
849.1M	869M	15k	47k	RMS	849.15M	-40.45	-13.00	-27.45	1	MBW 100k
869M	949M	100k	300k	RMS	886.96M	-55.94	-13.00	-42.94	1	-

**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**844MHz\_16QAM\_RB 6,#RB 0,NB 7**

CSE-TX-Port

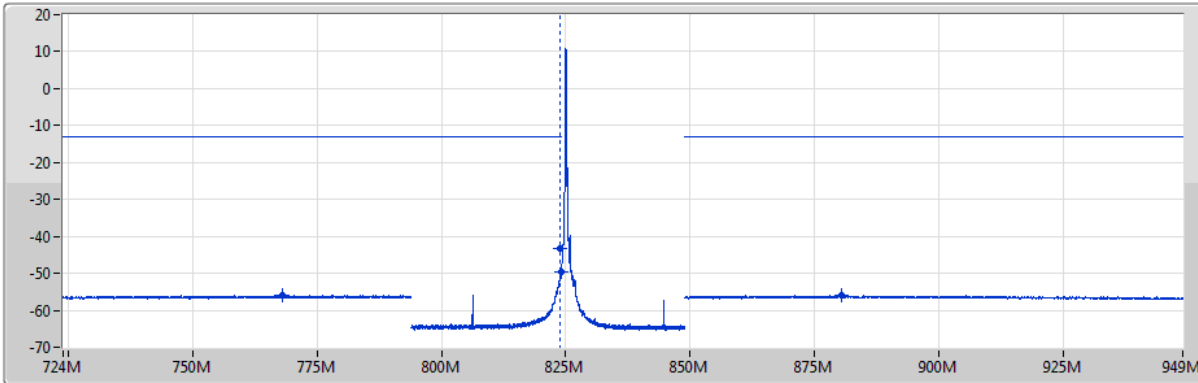


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	823M	-55.94	-13.00	-42.94	1	-
849M	849.1M	15k	47k	RMS	849.08M	-39.34	-13.00	-26.34	1	-
849.1M	869M	15k	47k	RMS	849.15M	-33.79	-13.00	-20.79	1	MBW 100k
869M	949M	100k	300k	RMS	874.64M	-55.56	-13.00	-42.56	1	-



**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**831.5MHz\_QPSK\_RB 1,#RB 0,NB 0**

CSE-TX-Port

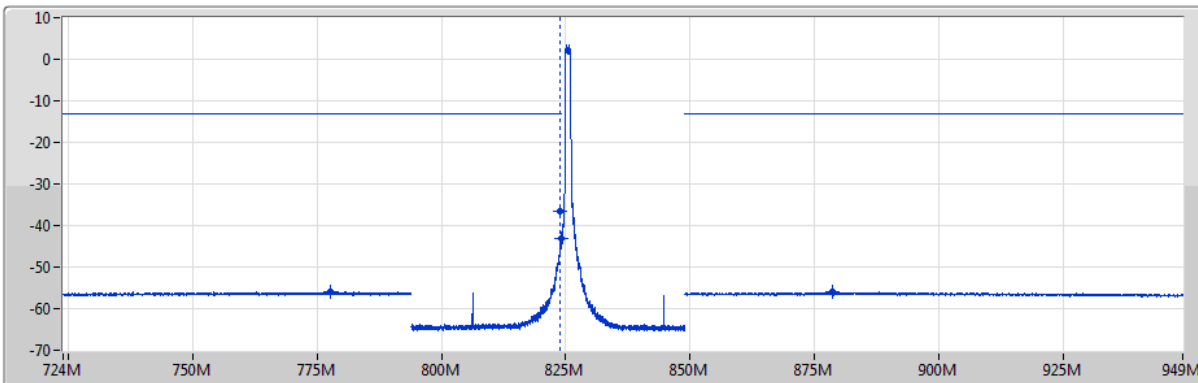


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	794M	100k	300k	RMS	768.03M	-55.94	-13.00	-42.94	1	-
794M	823.9M	15k	47k	RMS	823.85M	-43.12	-13.00	-30.12	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.99M	-49.61	-13.00	-36.61	1	-
849M	949M	100k	300k	RMS	880.35M	-56.01	-13.00	-43.01	1	-

**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**831.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

CSE-TX-Port



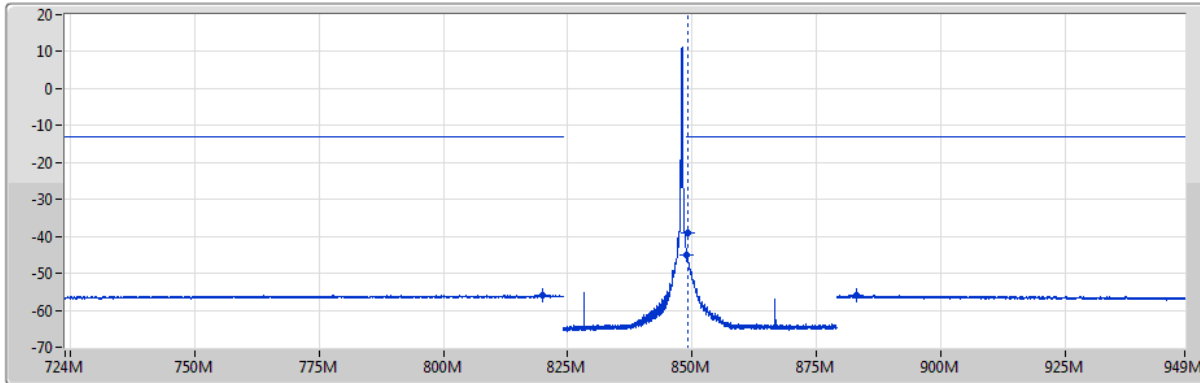
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	794M	100k	300k	RMS	777.73M	-55.97	-13.00	-42.97	1	-
794M	823.9M	15k	47k	RMS	823.85M	-36.53	-13.00	-23.53	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-43.00	-13.00	-30.00	1	-
849M	949M	100k	300k	RMS	878.7M	-55.95	-13.00	-42.95	1	-



**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**841.5MHz\_QPSK\_RB 1,#RB 5,NB 11**

CSE-TX-Port

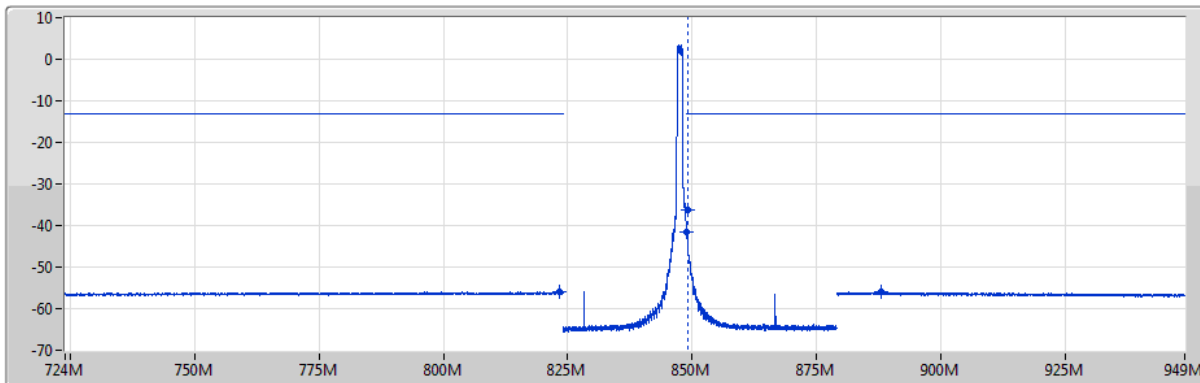


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	819.95M	-55.92	-13.00	-42.92	1	-
849M	849.1M	15k	47k	RMS	849M	-45.08	-13.00	-32.08	1	-
849.1M	879M	15k	47k	RMS	849.15M	-38.90	-13.00	-25.90	1	MBW 100k
879M	949M	100k	300k	RMS	882.96M	-55.98	-13.00	-42.98	1	-

**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**841.5MHz\_QPSK\_RB 6,#RB 0,NB 11**

CSE-TX-Port



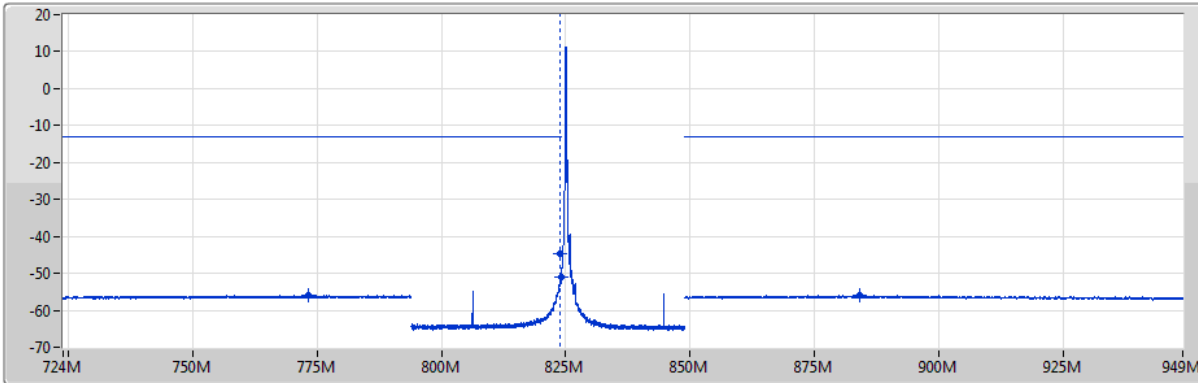
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	823.3M	-55.98	-13.00	-42.98	1	-
849M	849.1M	15k	47k	RMS	849M	-41.63	-13.00	-28.63	1	-
849.1M	879M	15k	47k	RMS	849.15M	-36.28	-13.00	-23.28	1	MBW 100k
879M	949M	100k	300k	RMS	887.96M	-56.06	-13.00	-43.06	1	-



**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**831.5MHz\_16QAM\_RB 1,#RB 0,NB 0**

CSE-TX-Port

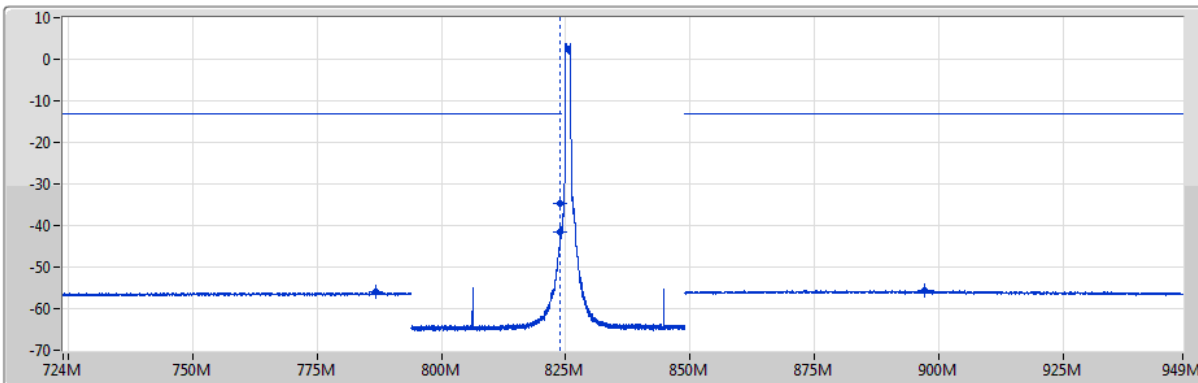


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	794M	100k	300k	RMS	773.28M	-56.02	-13.00	-43.02	1	-
794M	823.9M	15k	47k	RMS	823.85M	-44.71	-13.00	-31.71	1	MBW 100k
823.9M	824M	15k	47k	RMS	824M	-50.92	-13.00	-37.92	1	-
849M	949M	100k	300k	RMS	884.2M	-55.92	-13.00	-42.92	1	-

**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**831.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

CSE-TX-Port



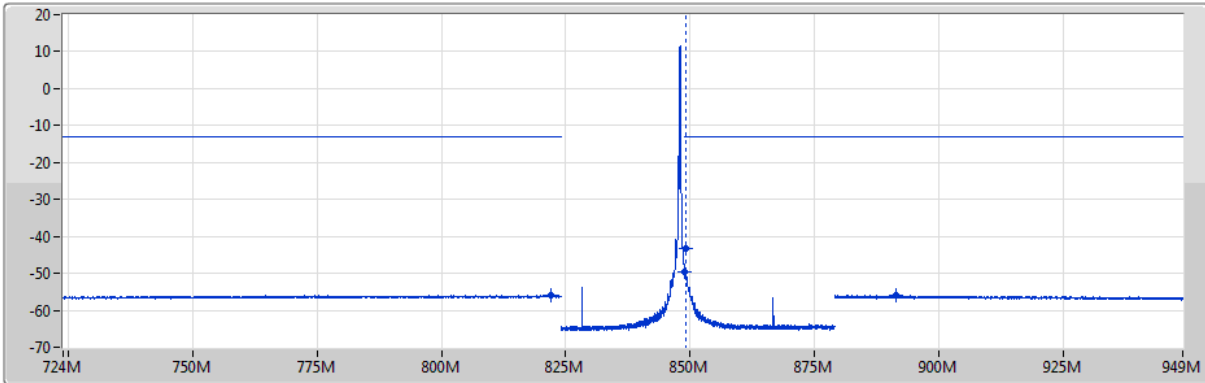
Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	794M	100k	300k	RMS	786.79M	-56.03	-13.00	-43.03	1	-
794M	823.9M	15k	47k	RMS	823.85M	-34.84	-13.00	-21.84	1	MBW 100k
823.9M	824M	15k	47k	RMS	823.94M	-41.52	-13.00	-28.52	1	-
849M	949M	100k	300k	RMS	897.1M	-55.60	-13.00	-42.60	1	-



**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**841.5MHz\_16QAM\_RB 1,#RB 5,NB 11**

CSE-TX-Port

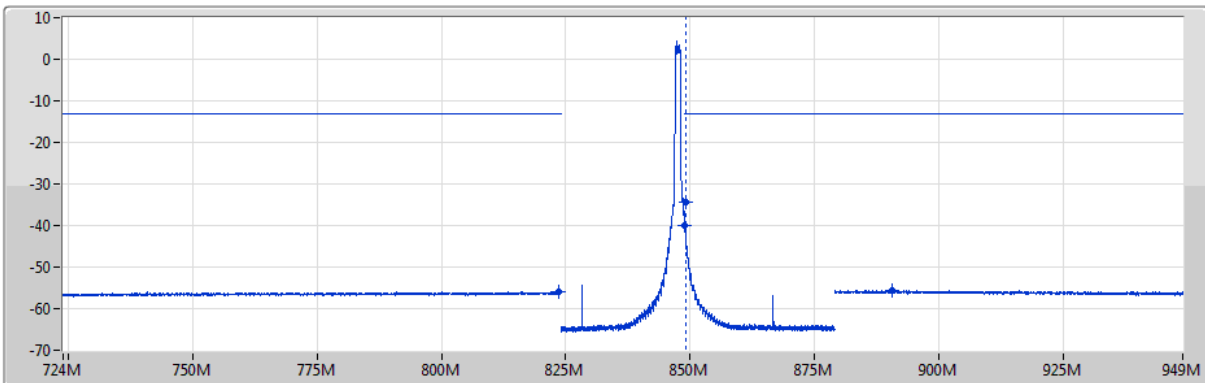


Port1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
724M	824M	100k	300k	RMS	822.1M	-55.94	-13.00	-42.94	1	-
849M	849.1M	15k	47k	RMS	849M	-49.62	-13.00	-36.62	1	-
849.1M	879M	15k	47k	RMS	849.15M	-43.40	-13.00	-30.40	1	MBW 100k
879M	949M	100k	300k	RMS	891.29M	-55.98	-13.00	-42.98	1	-

**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**841.5MHz\_16QAM\_RB 6,#RB 0,NB 11**

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
724M	824M	100k	300k	RMS	823.5M	-55.89	-13.00	-42.89	1	-
849M	849.1M	15k	47k	RMS	849.01M	-40.12	-13.00	-27.12	1	-
849.1M	879M	15k	47k	RMS	849.15M	-34.50	-13.00	-21.50	1	MBW 100k
879M	949M	100k	300k	RMS	890.48M	-55.66	-13.00	-42.66	1	-





Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 26	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	1.232M	1.08M	1M08G7D	1.202M	1.07M
LTE-M1_1.4MHz_Nss1,16QAM_1TX	1.232M	1.078M	1M08W7D	1.215M	1.076M
LTE-M1_3MHz_Nss1,QPSK_1TX	1.234M	1.082M	1M08G7D	1.226M	1.074M
LTE-M1_3MHz_Nss1,16QAM_1TX	1.234M	1.08M	1M08W7D	1.211M	1.077M
LTE-M1_5MHz_Nss1,QPSK_1TX	1.244M	1.089M	1M09G7D	1.225M	1.078M
LTE-M1_5MHz_Nss1,16QAM_1TX	1.256M	1.089M	1M09W7D	1.238M	1.083M
LTE-M1_10MHz_Nss1,QPSK_1TX	1.238M	1.089M	1M09G7D	1.225M	1.083M
LTE-M1_10MHz_Nss1,16QAM_1TX	1.288M	1.094M	1M09W7D	1.263M	1.088M
LTE-M1_15MHz_Nss1,QPSK_1TX	1.294M	1.1M	1M10G7D	1.238M	1.089M
LTE-M1_15MHz_Nss1,16QAM_1TX	1.294M	1.111M	1M11W7D	1.256M	1.097M

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

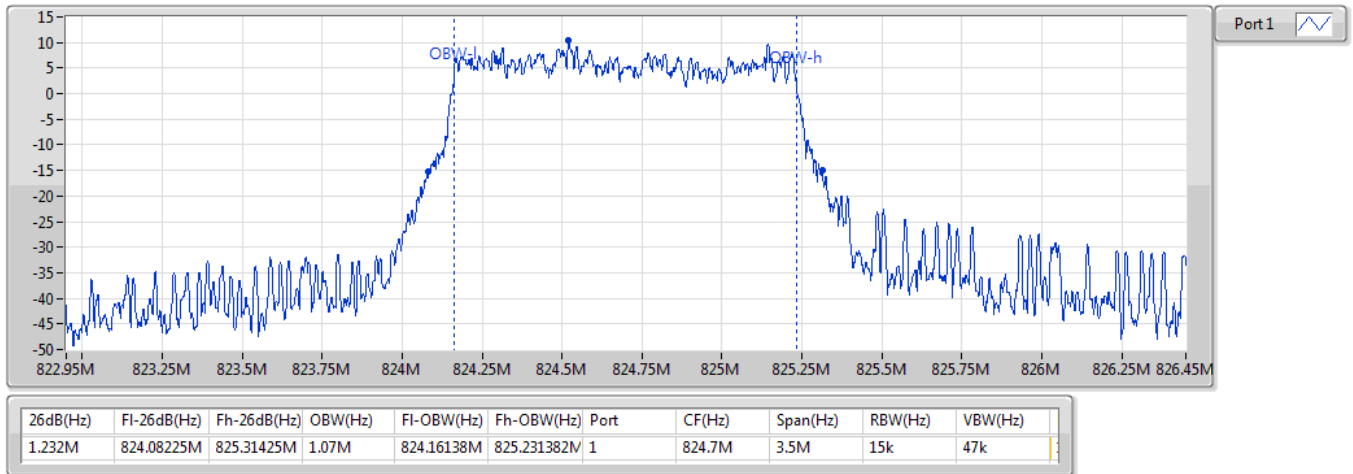
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 26_LTE-M1_1.4MHz_Nss1_1TX	-	-	-	-
824.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.232M	1.07M
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.232M	1.08M
848.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.202M	1.077M
824.7MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.215M	1.078M
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.232M	1.076M
848.3MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.216M	1.076M
Band 26_LTE-M1_3MHz_Nss1_1TX	-	-	-	-
825.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.234M	1.082M
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.23M	1.082M
847.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	Inf	1.226M	1.074M
825.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.234M	1.077M
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.211M	1.08M
847.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	Inf	1.234M	1.078M
Band 26_LTE-M1_5MHz_Nss1_1TX	-	-	-	-
826.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.238M	1.089M
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.244M	1.086M
846.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	Inf	1.225M	1.078M
826.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.256M	1.089M
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.256M	1.087M
846.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	Inf	1.238M	1.083M
Band 26_LTE-M1_10MHz_Nss1_1TX	-	-	-	-
829MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.238M	1.083M
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.238M	1.089M
844MHz_QPSK_RB 6,#RB 0,NB 7	Pass	Inf	1.225M	1.089M
829MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.263M	1.094M
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.263M	1.093M
844MHz_16QAM_RB 6,#RB 0,NB 7	Pass	Inf	1.288M	1.088M
Band 26_LTE-M1_15MHz_Nss1_1TX	-	-	-	-
831.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.256M	1.096M
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.294M	1.1M
841.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	Inf	1.238M	1.089M
831.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.275M	1.111M
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	Inf	1.294M	1.097M
841.5MHz_16QAM_RB 6,#RB 0,NB 11	Pass	Inf	1.256M	1.098M

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



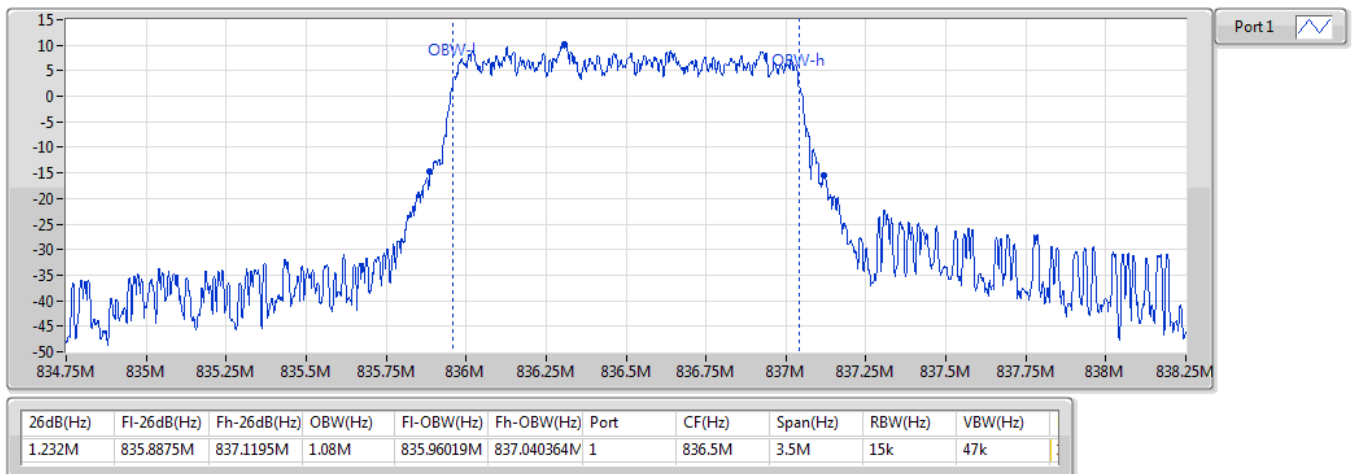
Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX  
824.7MHz\_QPSK\_RB 6,#RB 0,NB 0

EBW



Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX  
836.5MHz\_QPSK\_RB 6,#RB 0,NB 0

EBW

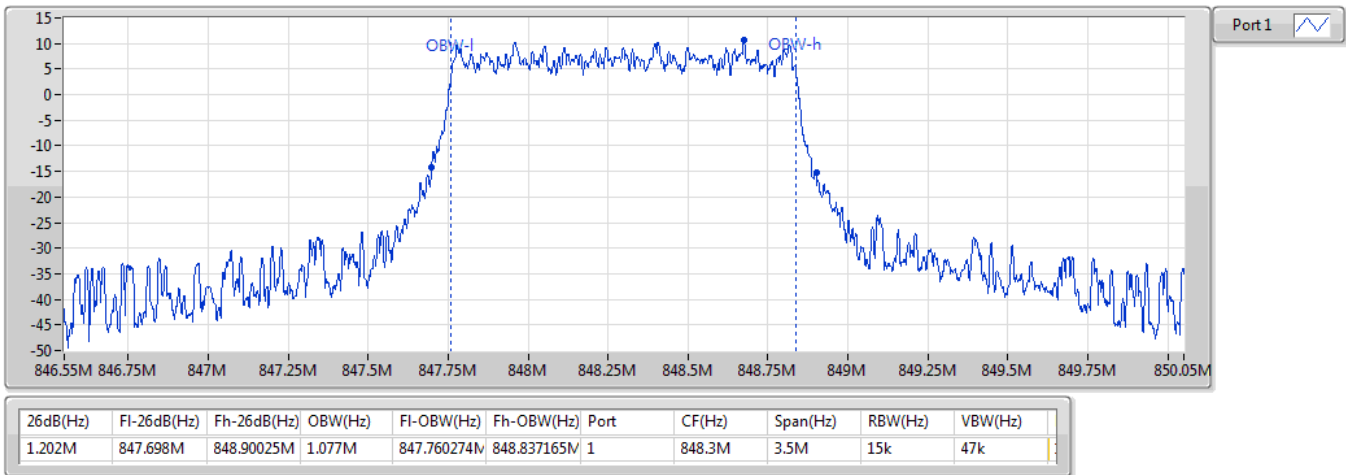




**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**

EBW

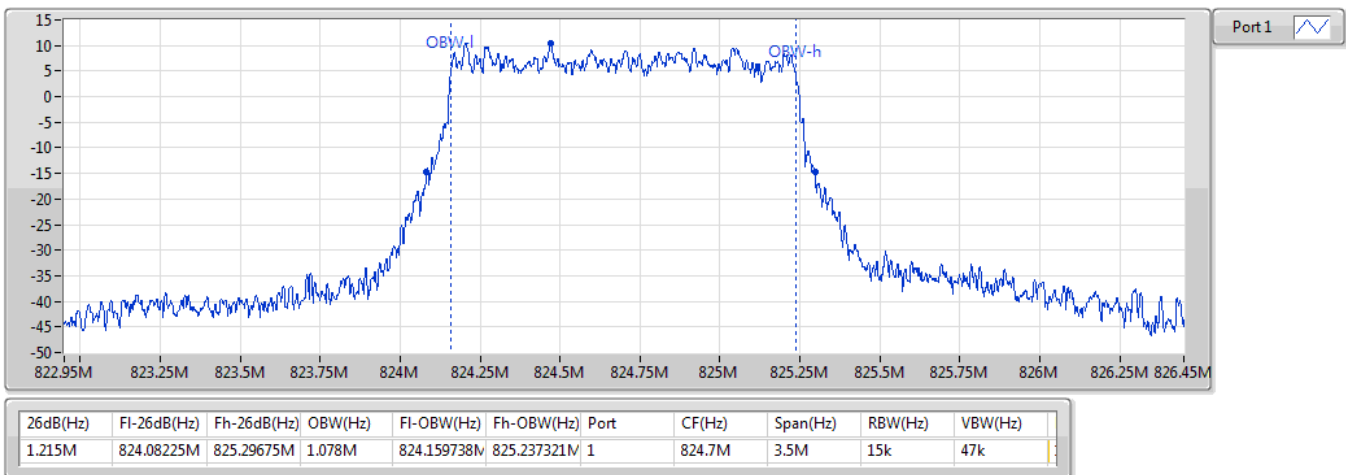
**848.3MHz\_QPSK\_RB 6,#RB 0,NB 0**



**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**

EBW

**824.7MHz\_16QAM\_RB 6,#RB 0,NB 0**

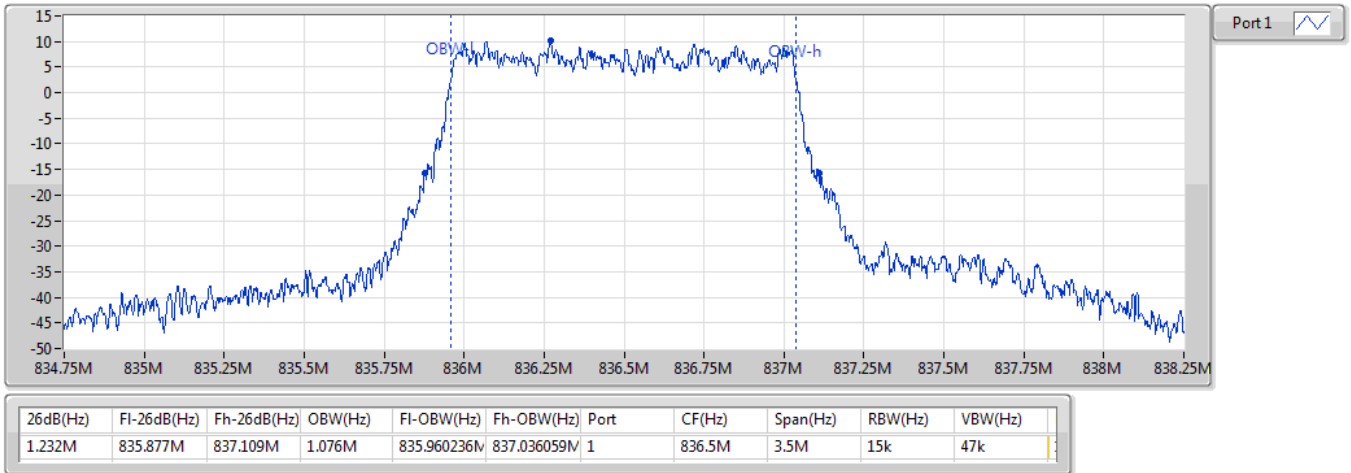




Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX

EBW

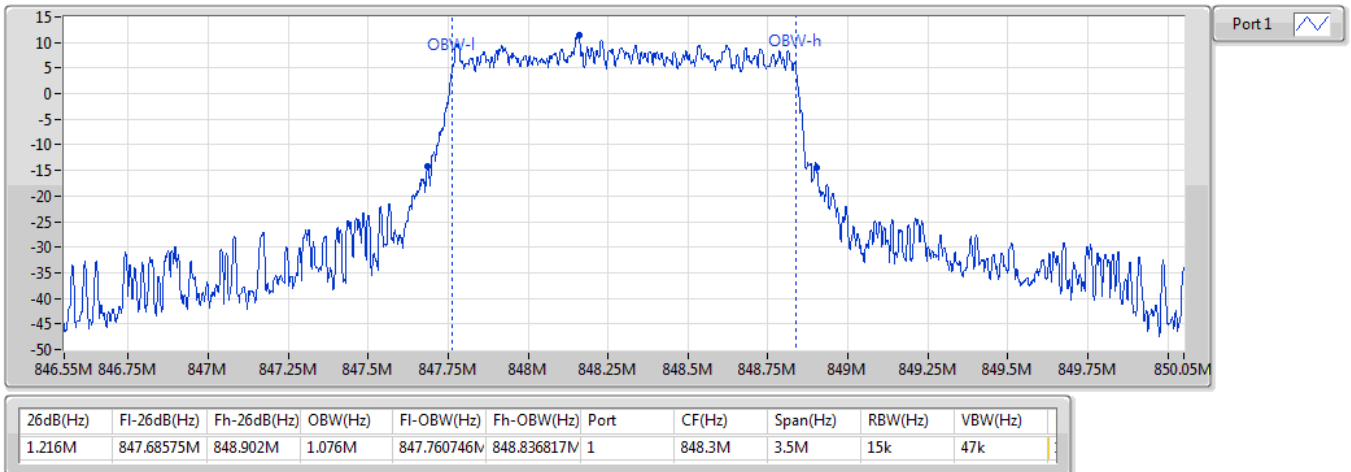
836.5MHz\_16QAM\_RB 6,#RB 0,NB 0



Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX

EBW

848.3MHz\_16QAM\_RB 6,#RB 0,NB 0

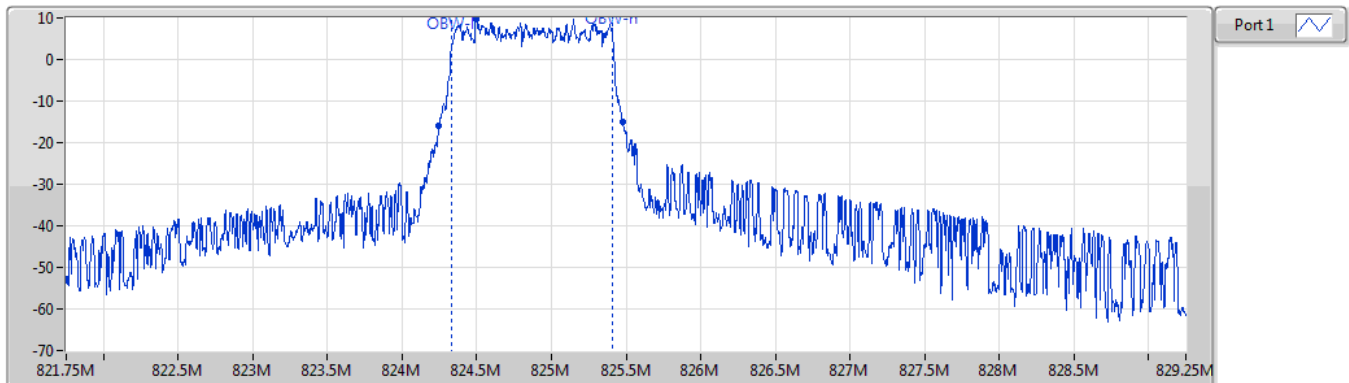




**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**

EBW

**825.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

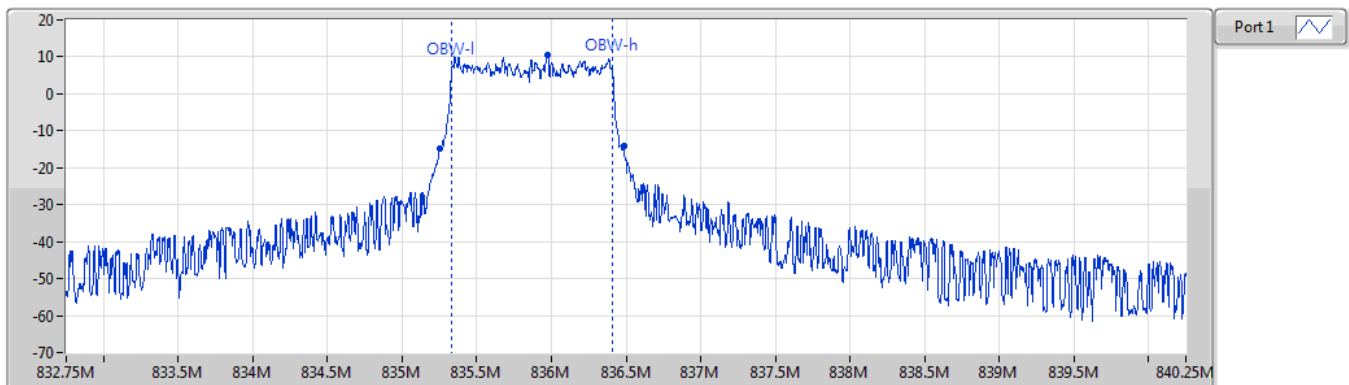


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.234M	824.2475M	825.48125M	1.082M	824.330746M	825.412967M	1	825.5M	7.5M	15k	47k

**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**

EBW

**836.5MHz\_QPSK\_RB 6,#RB 0,NB 0**



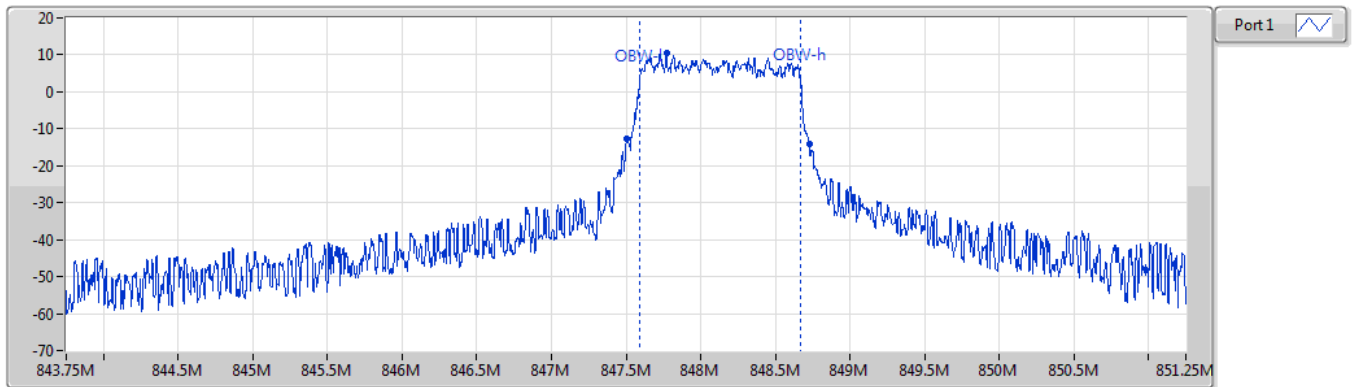
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.23M	835.255M	836.485M	1.082M	835.329571M	836.411087M	1	836.5M	7.5M	15k	47k



**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**

EBW

**847.5MHz\_QPSK\_RB 6,#RB 0,NB 1**

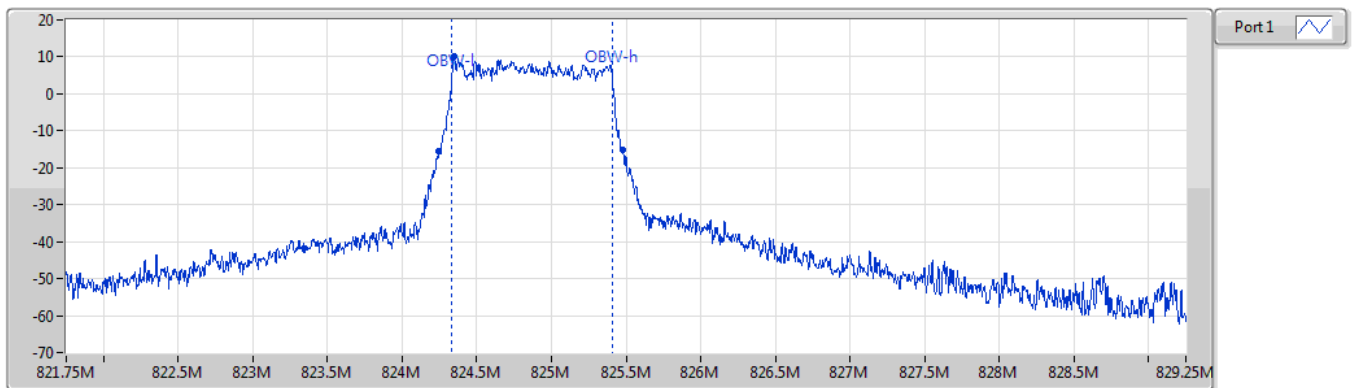


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.226M	847.5M	848.72625M	1.074M	847.591525M	848.66597M	1	847.5M	7.5M	15k	47k

**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**

EBW

**825.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

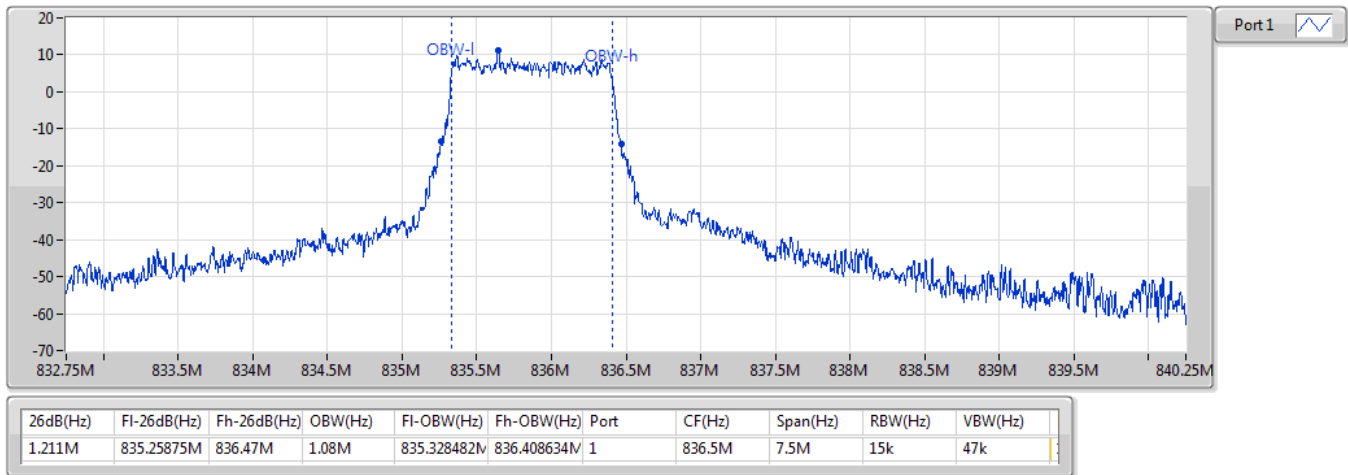


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.234M	824.2475M	825.48125M	1.077M	824.33154M	825.408701M	1	825.5M	7.5M	15k	47k



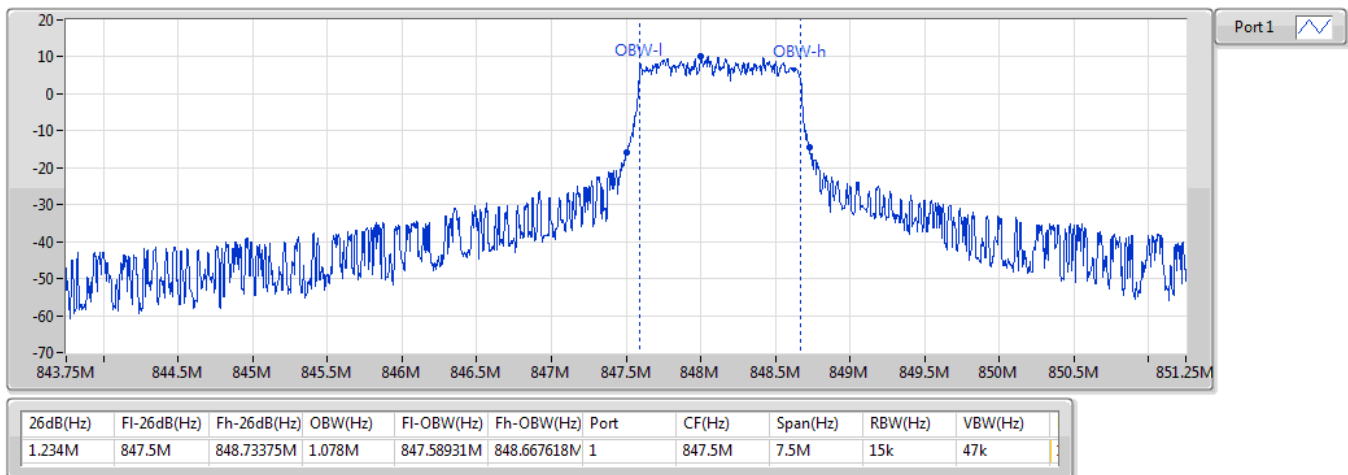
**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

EBW



**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**847.5MHz\_16QAM\_RB 6,#RB 0,NB 1**

EBW



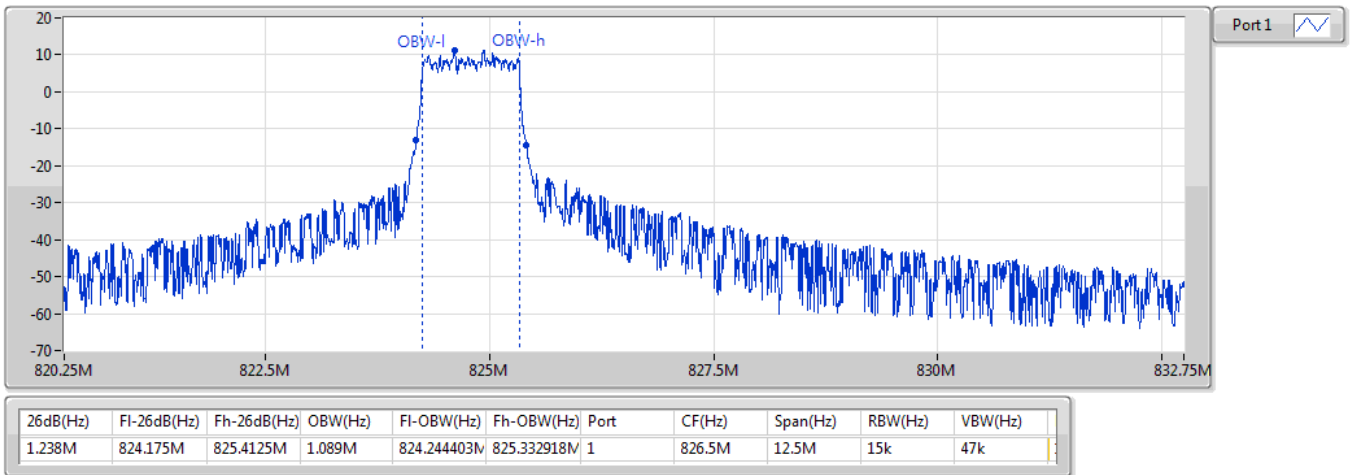




Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

EBW

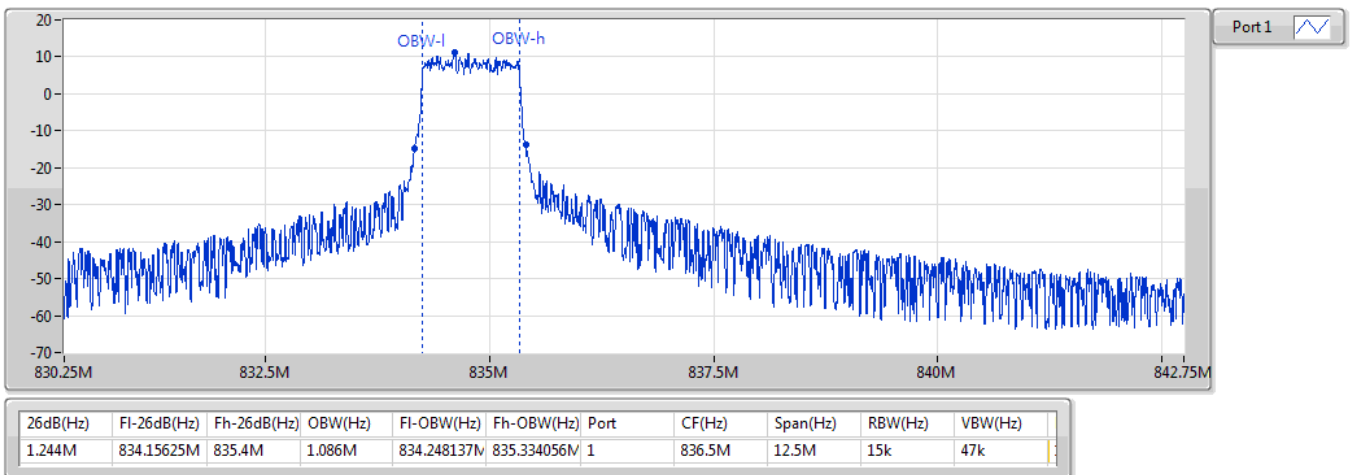
826.5MHz\_QPSK\_RB 6,#RB 0,NB 0



Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

EBW

836.5MHz\_QPSK\_RB 6,#RB 0,NB 0

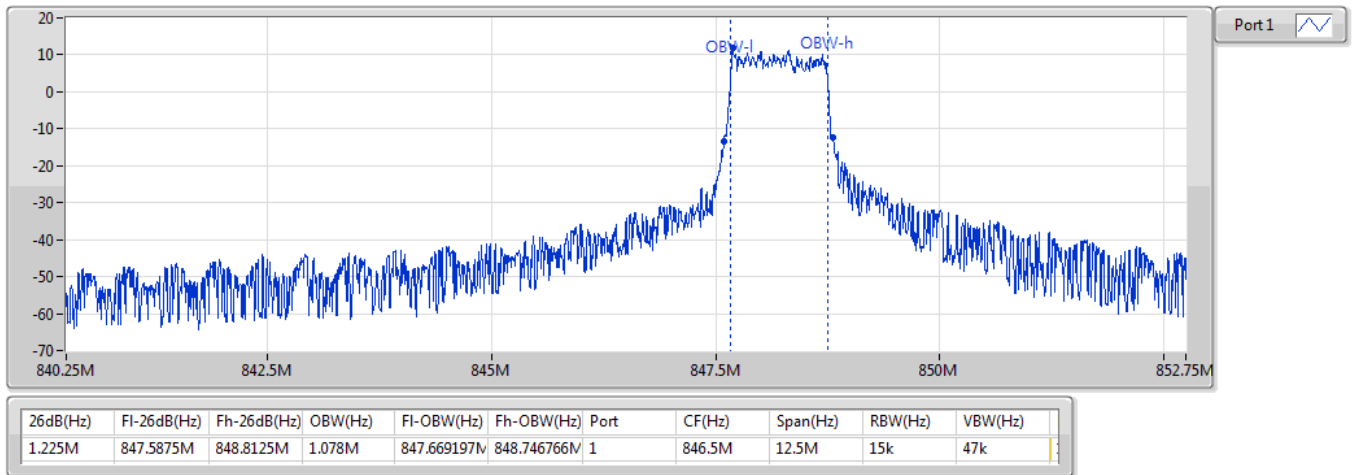




Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX

EBW

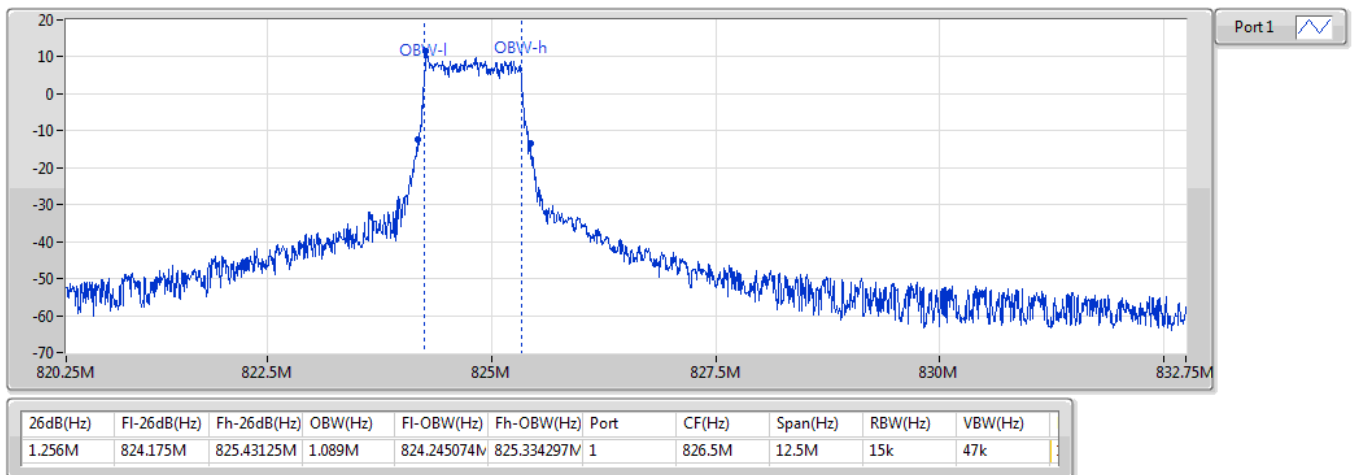
846.5MHz\_QPSK\_RB 6,#RB 0,NB 3



Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX

EBW

826.5MHz\_16QAM\_RB 6,#RB 0,NB 0

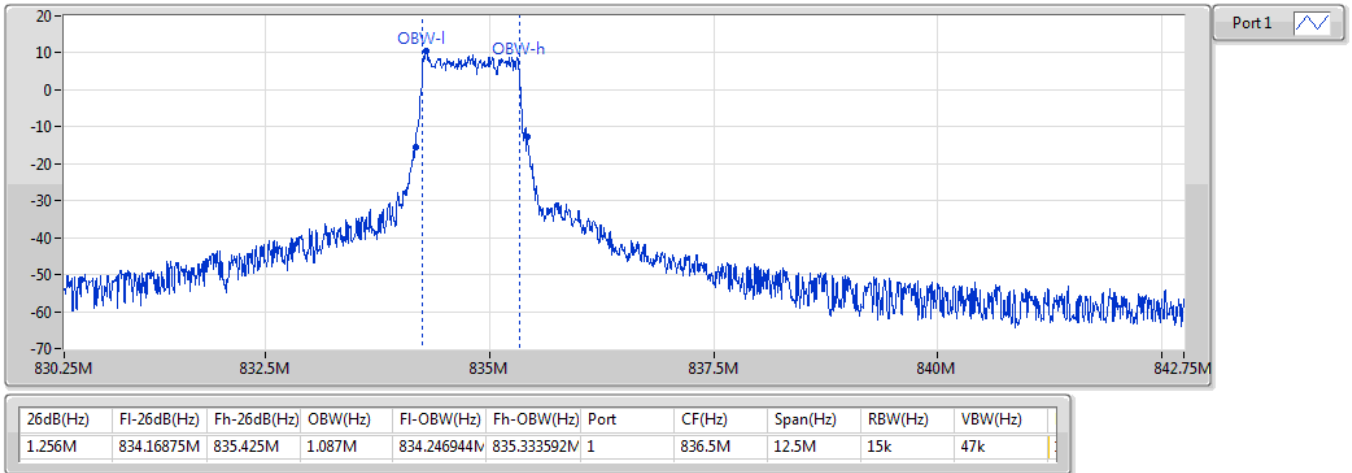




Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX

EBW

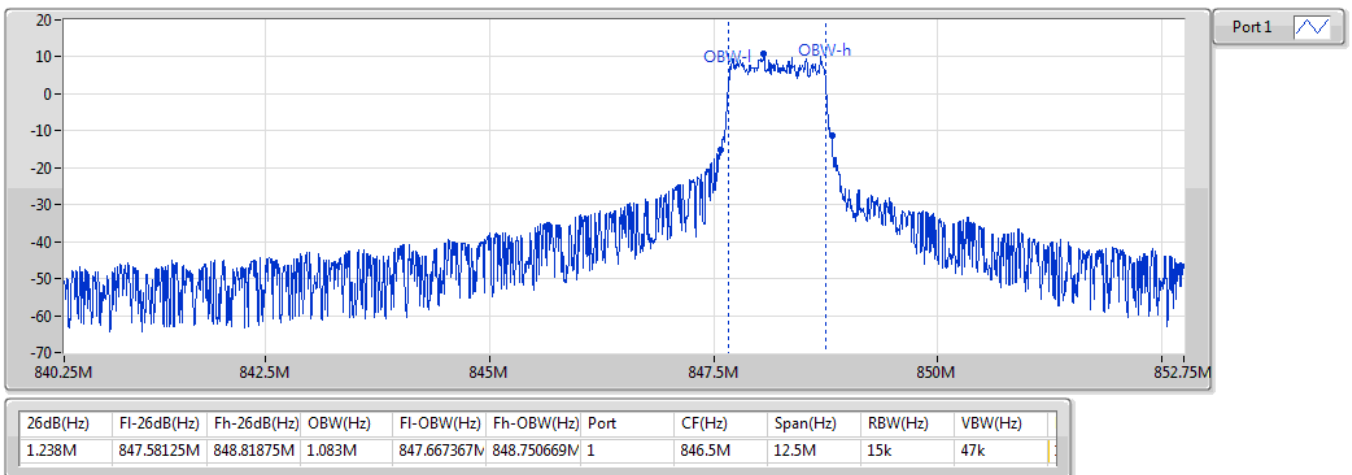
836.5MHz\_16QAM\_RB 6,#RB 0,NB 0



Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX

EBW

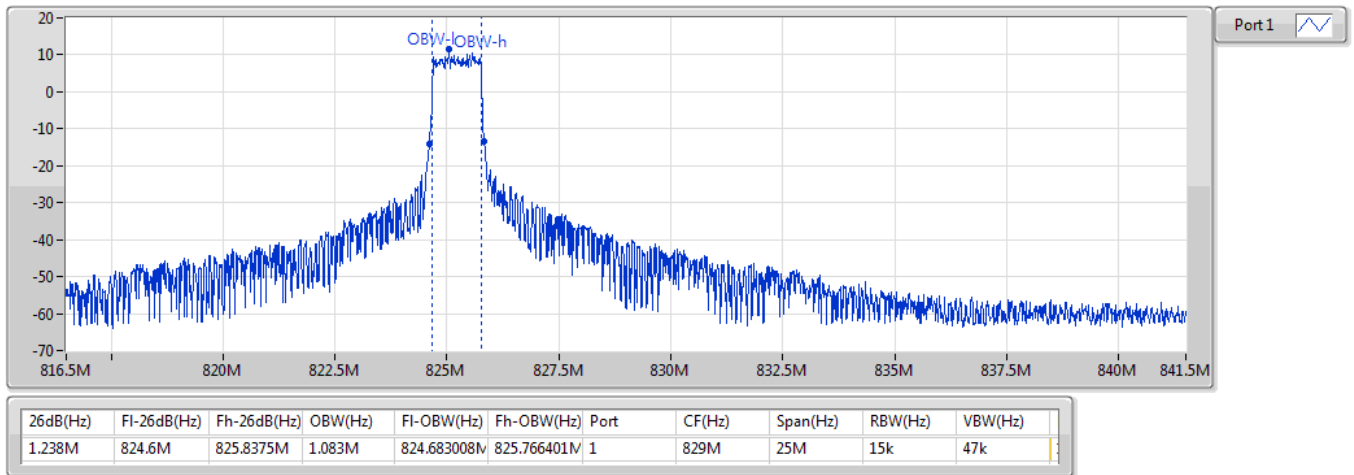
846.5MHz\_16QAM\_RB 6,#RB 0,NB 3





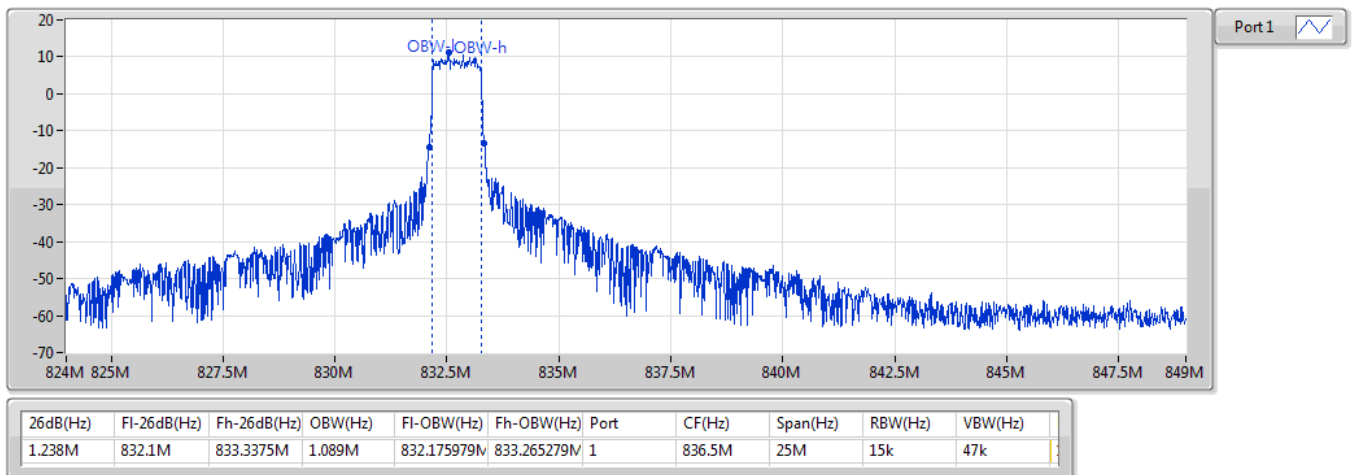
Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX  
829MHz\_QPSK\_RB 6,#RB 0,NB 0

EBW



Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX  
836.5MHz\_QPSK\_RB 6,#RB 0,NB 0

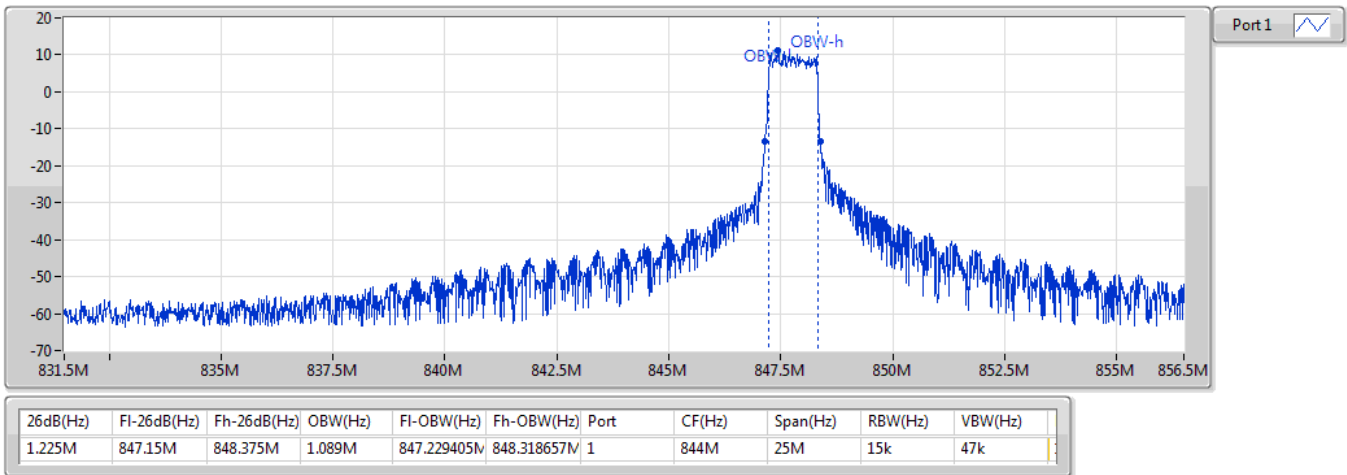
EBW





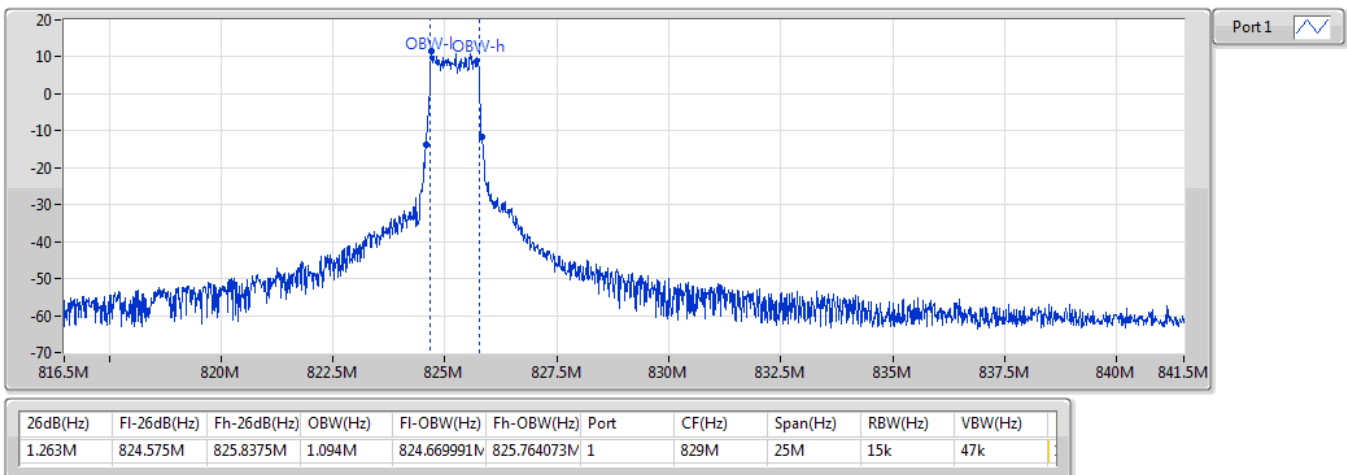
**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**844MHz\_QPSK\_RB 6,#RB 0,NB 7**

EBW



**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**829MHz\_16QAM\_RB 6,#RB 0,NB 0**

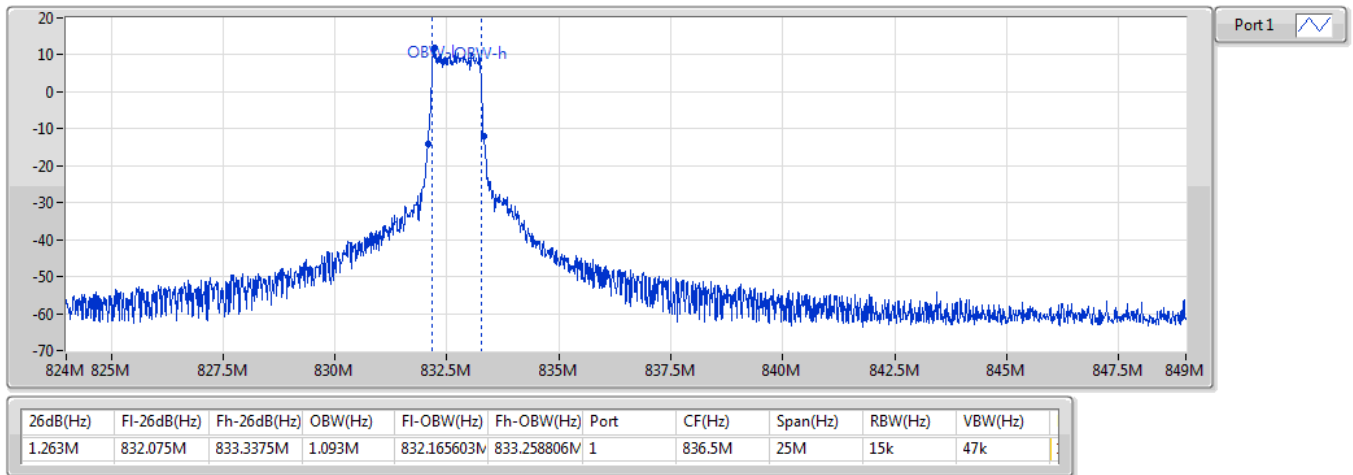
EBW





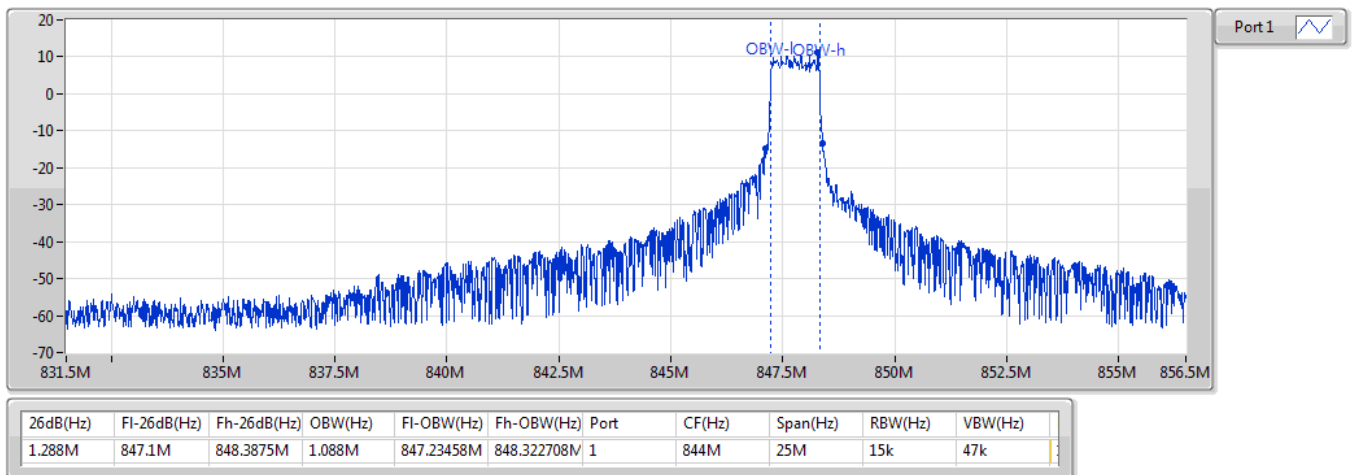
**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

EBW



**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**844MHz\_16QAM\_RB 6,#RB 0,NB 7**

EBW

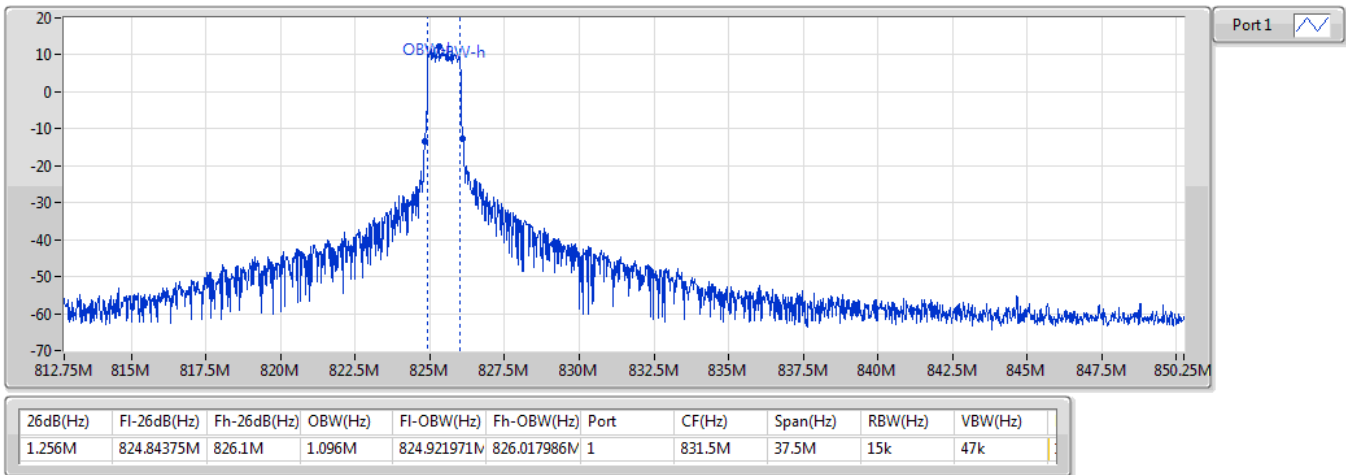




Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX

EBW

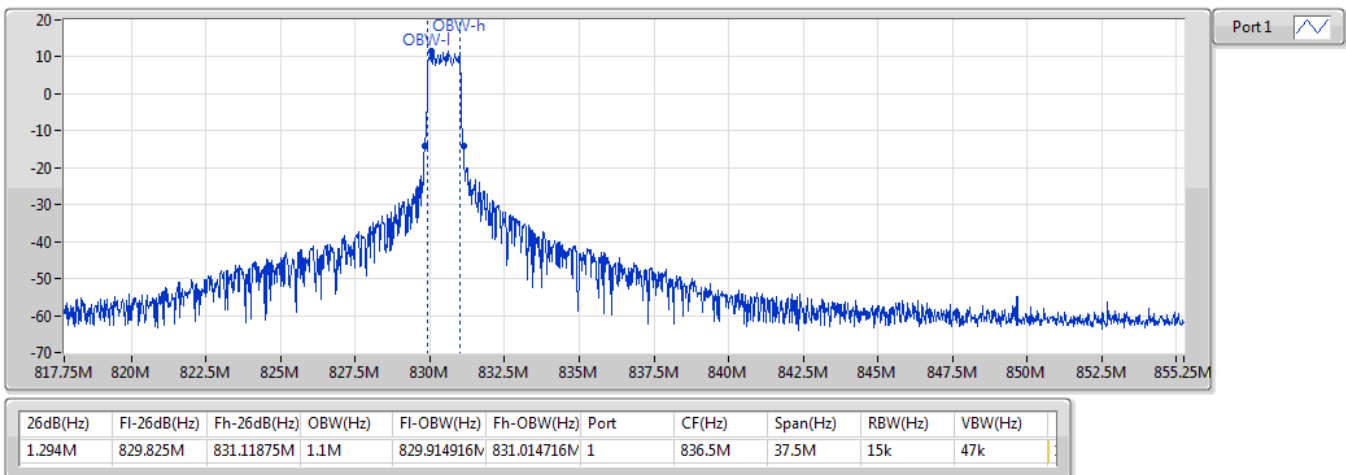
831.5MHz\_QPSK\_RB 6,#RB 0,NB 0



Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX

EBW

836.5MHz\_QPSK\_RB 6,#RB 0,NB 0

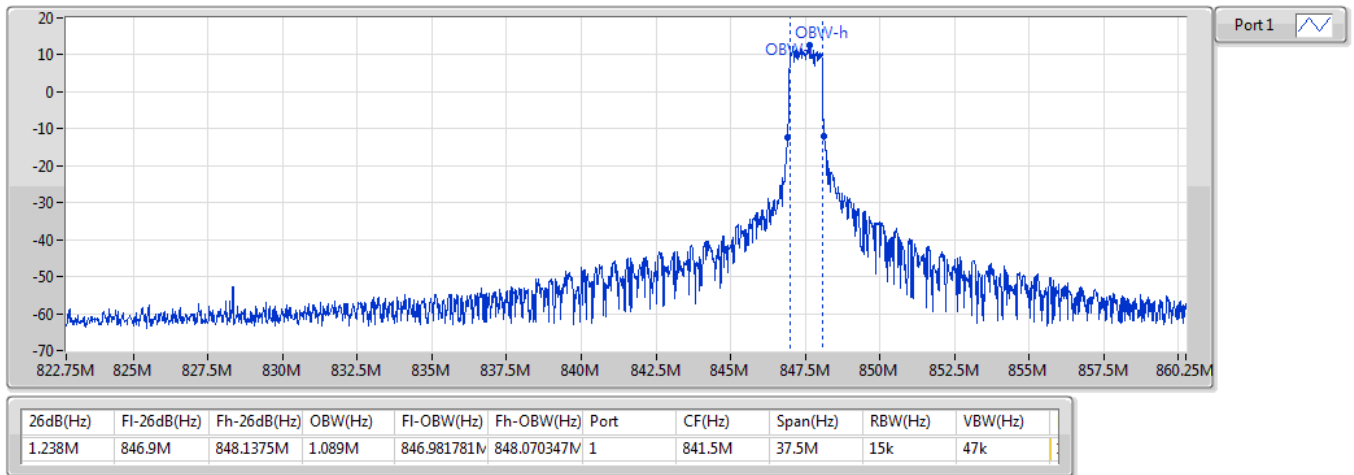




**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**

EBW

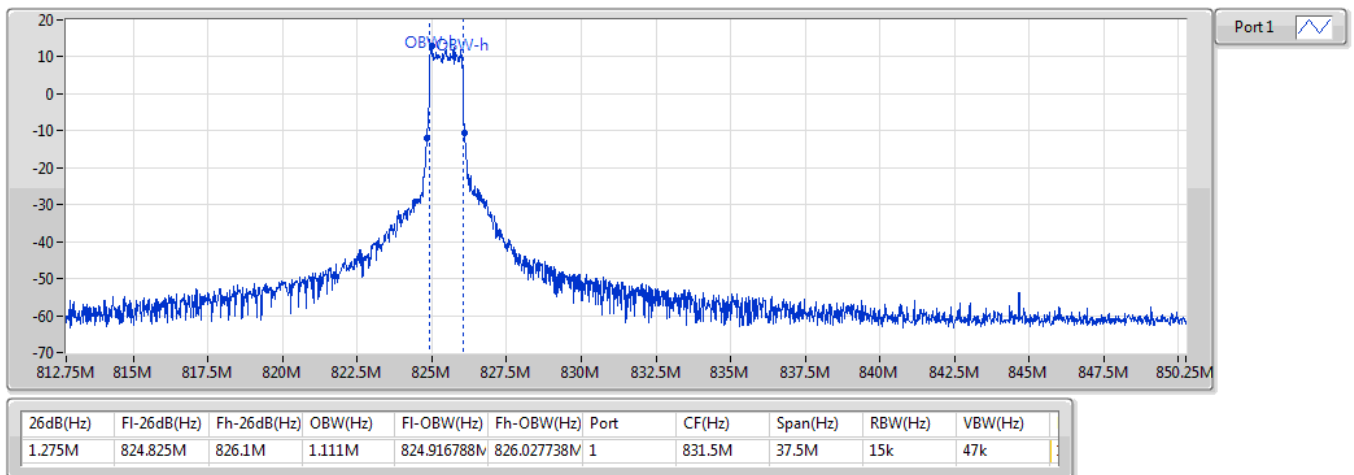
**841.5MHz\_QPSK\_RB 6,#RB 0,NB 11**



**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**

EBW

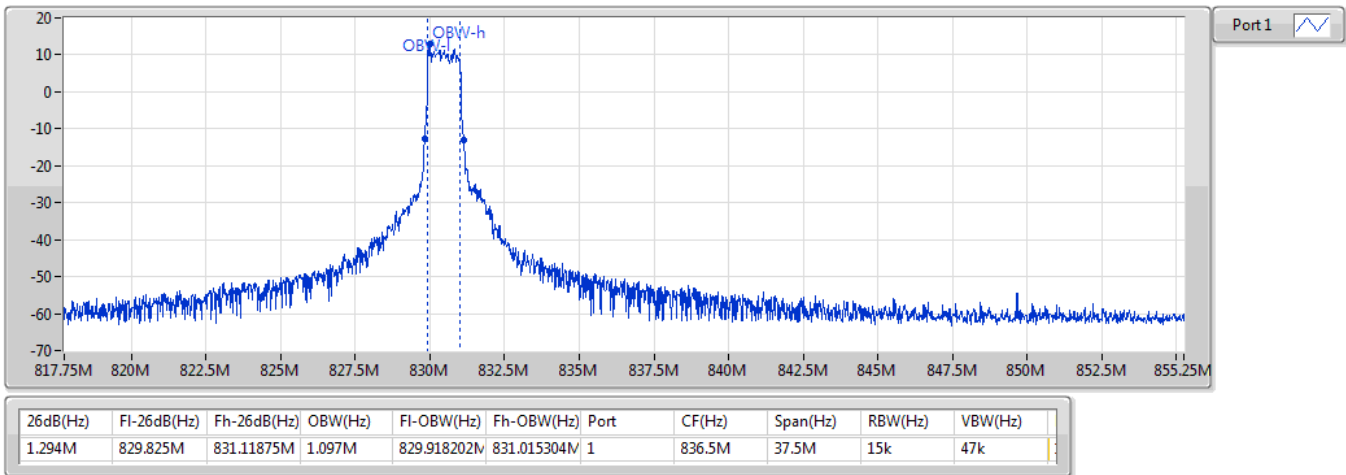
**831.5MHz\_16QAM\_RB 6,#RB 0,NB 0**





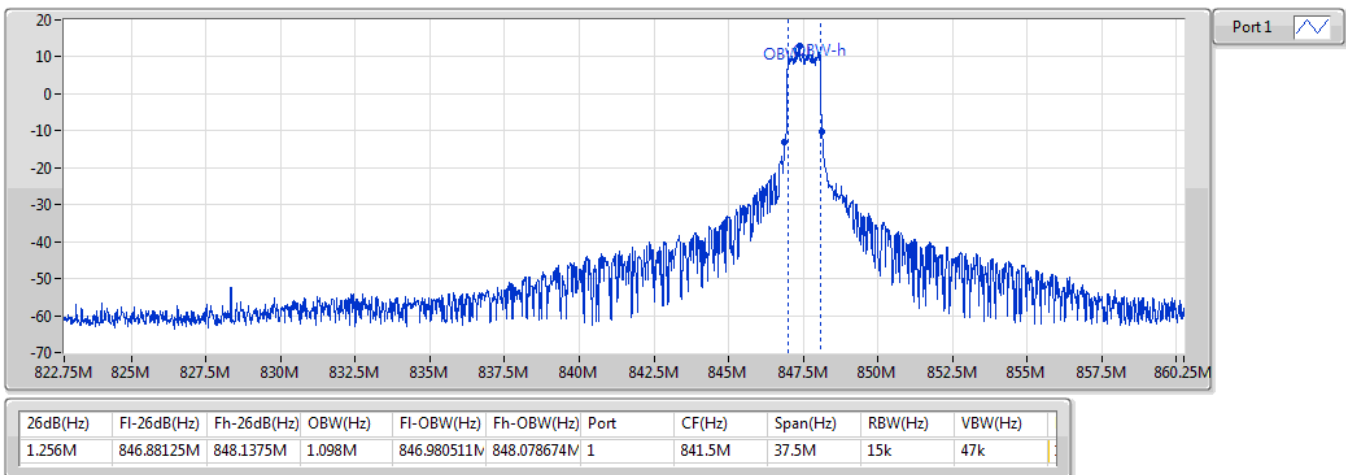
**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

EBW



**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**841.5MHz\_16QAM\_RB 6,#RB 0,NB 11**

EBW





Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 26	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	Pass	848.3	13.00	5.12	1
LTE-M1_1.4MHz_Nss1,16QAM_1TX	Pass	848.3	13.00	5.79	1
LTE-M1_3MHz_Nss1,QPSK_1TX	Pass	825.5	13.00	5.10	1
LTE-M1_3MHz_Nss1,16QAM_1TX	Pass	847.5	13.00	5.82	1
LTE-M1_5MHz_Nss1,QPSK_1TX	Pass	846.5	13.00	5.04	1
LTE-M1_5MHz_Nss1,16QAM_1TX	Pass	846.5	13.00	6.04	1
LTE-M1_10MHz_Nss1,QPSK_1TX	Pass	844	13.00	5.04	1
LTE-M1_10MHz_Nss1,16QAM_1TX	Pass	829	13.00	5.81	1
LTE-M1_15MHz_Nss1,QPSK_1TX	Pass	841.5	13.00	4.96	1
LTE-M1_15MHz_Nss1,16QAM_1TX	Pass	841.5	13.00	5.73	1



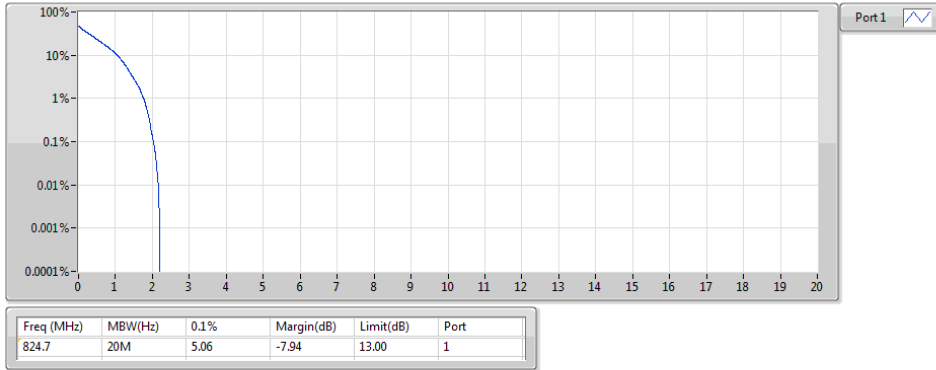
Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 26_LTE-M1_1.4MHz_Nss1_1TX	-	-	-	-	-
824.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	824.7	13.00	5.06	1
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.08	1
848.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	848.3	13.00	5.12	1
824.7MHz_16QAM_RB 6,#RB 0,NB 0	Pass	824.7	13.00	5.68	1
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.68	1
848.3MHz_16QAM_RB 6,#RB 0,NB 0	Pass	848.3	13.00	5.79	1
Band 26_LTE-M1_3MHz_Nss1_1TX	-	-	-	-	-
825.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	825.5	13.00	5.10	1
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	836.5	13.00	4.91	1
847.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	847.5	13.00	5.08	1
825.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	825.5	13.00	5.66	1
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.66	1
847.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	847.5	13.00	5.82	1
Band 26_LTE-M1_5MHz_Nss1_1TX	-	-	-	-	-
826.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	826.5	13.00	5.03	1
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.03	1
846.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	846.5	13.00	5.04	1
826.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	826.5	13.00	6.00	1
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	836.5	13.00	6.00	1
846.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	846.5	13.00	6.04	1
Band 26_LTE-M1_10MHz_Nss1_1TX	-	-	-	-	-
829MHz_QPSK_RB 6,#RB 0,NB 0	Pass	829	13.00	5.02	1
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.02	1
844MHz_QPSK_RB 6,#RB 0,NB 7	Pass	844	13.00	5.04	1
829MHz_16QAM_RB 6,#RB 0,NB 0	Pass	829	13.00	5.81	1
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.77	1
844MHz_16QAM_RB 6,#RB 0,NB 7	Pass	844	13.00	5.77	1
Band 26_LTE-M1_15MHz_Nss1_1TX	-	-	-	-	-
831.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	831.5	13.00	4.84	1
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	836.5	13.00	4.84	1
841.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	841.5	13.00	4.96	1
831.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	831.5	13.00	5.35	1
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	836.5	13.00	5.36	1
841.5MHz_16QAM_RB 6,#RB 0,NB 11	Pass	841.5	13.00	5.73	1



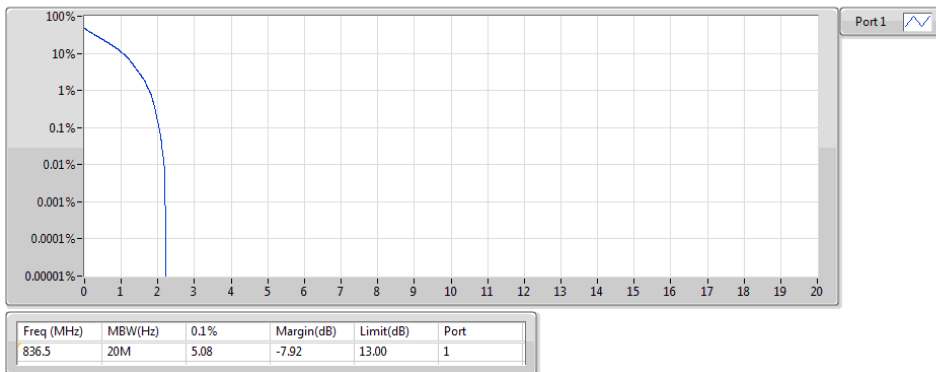
**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**824.7MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



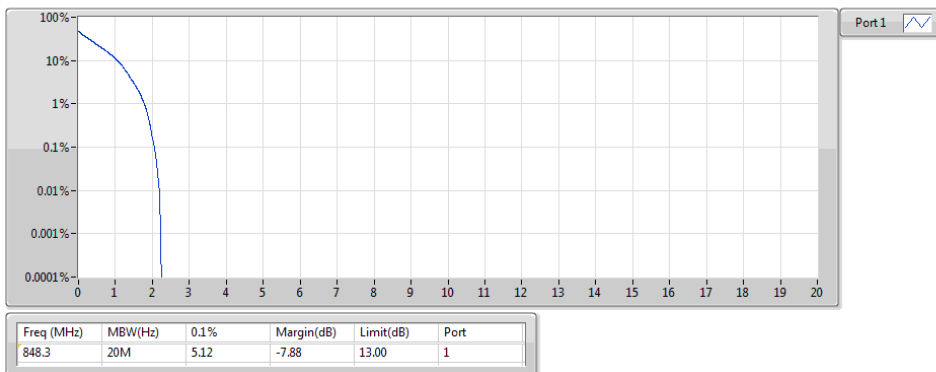
**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_1.4MHz\_Nss1,QPSK\_1TX**  
**848.3MHz\_QPSK\_RB 6,#RB 0,NB 0**

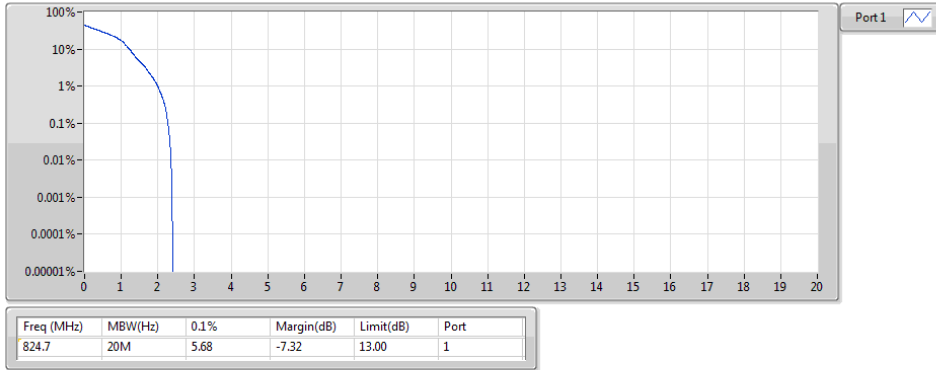
PAR





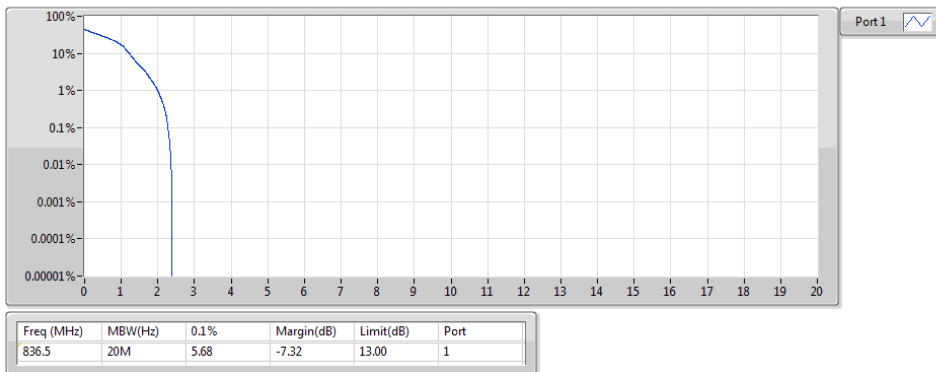
**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**824.7MHz\_16QAM\_RB 6,#RB 0,NB 0**

PAR



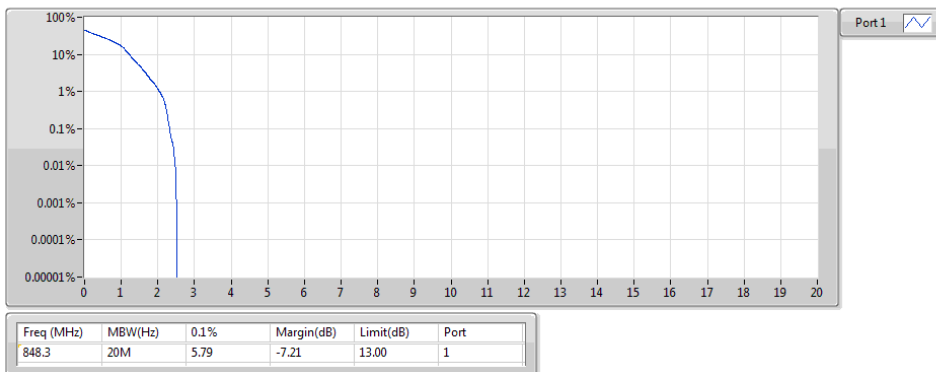
**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_1.4MHz\_Nss1,16QAM\_1TX**  
**848.3MHz\_16QAM\_RB 6,#RB 0,NB 0**

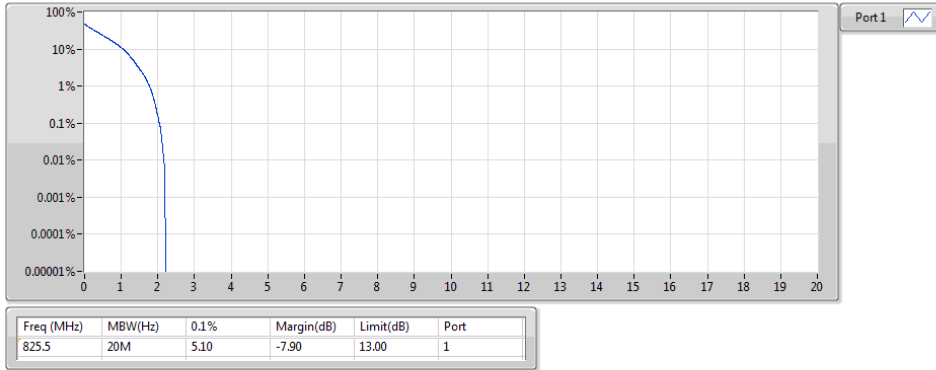
PAR





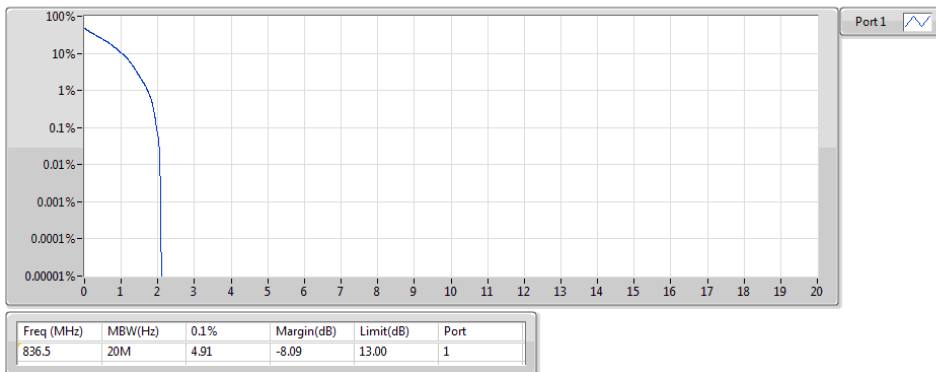
**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**825.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



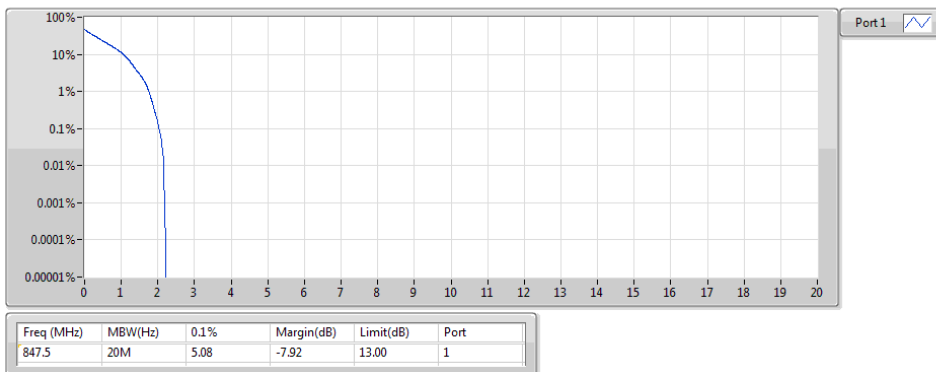
**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_3MHz\_Nss1,QPSK\_1TX**  
**847.5MHz\_QPSK\_RB 6,#RB 0,NB 1**

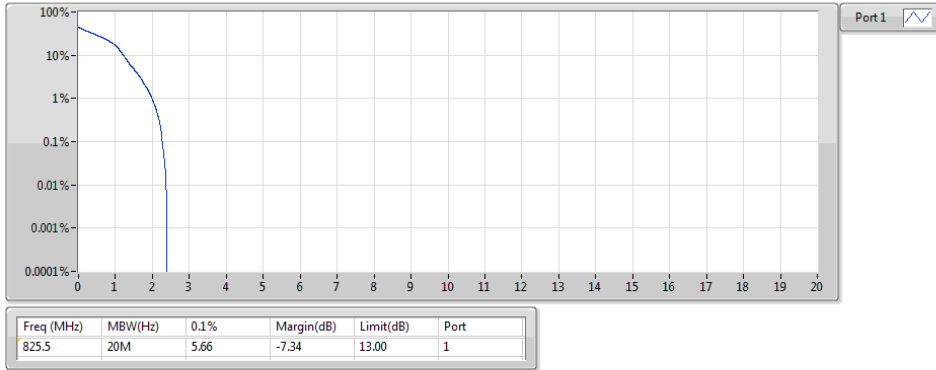
PAR





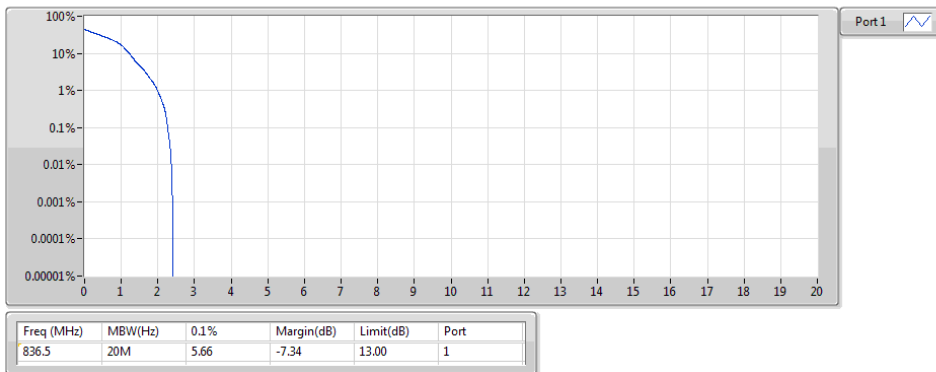
**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**825.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

PAR



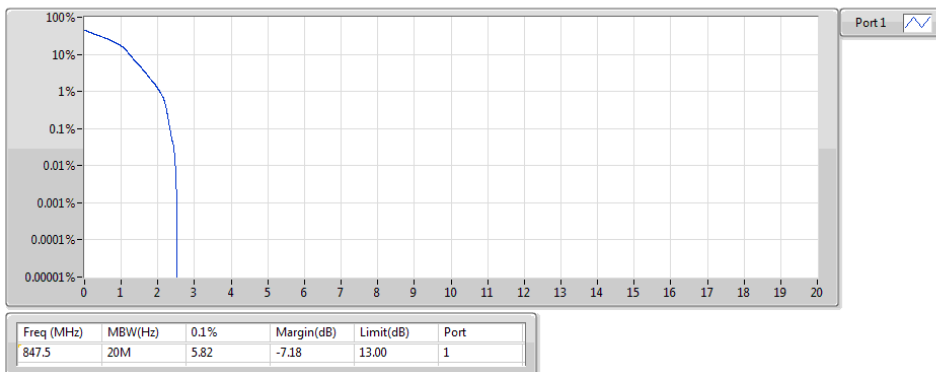
**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

PAR



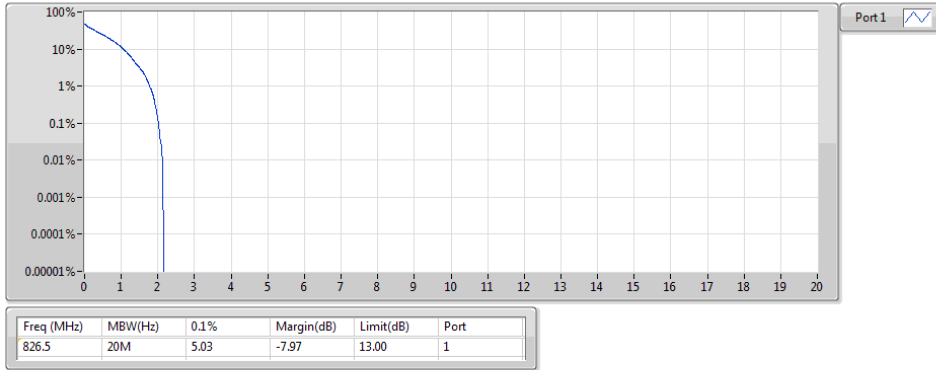
**Band 26\_LTE-M1\_3MHz\_Nss1,16QAM\_1TX**  
**847.5MHz\_16QAM\_RB 6,#RB 0,NB 1**

PAR



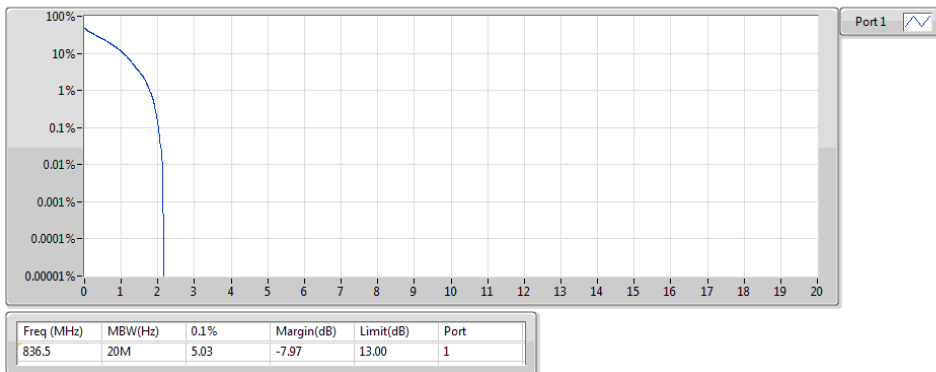
**Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX**  
**826.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



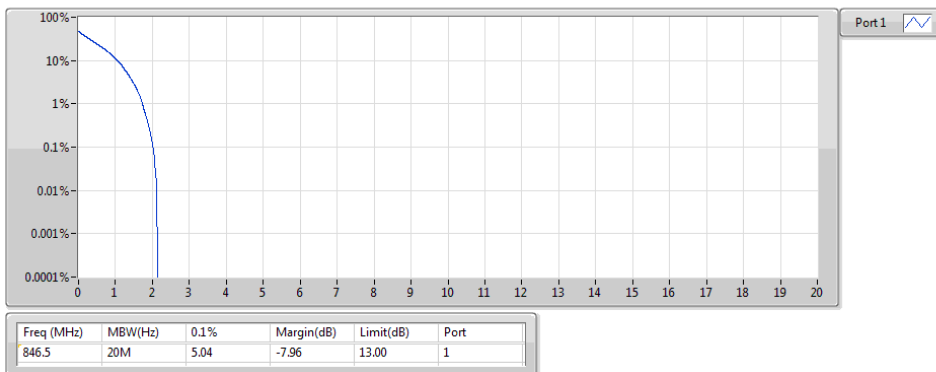
**Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_5MHz\_Nss1,QPSK\_1TX**  
**846.5MHz\_QPSK\_RB 6,#RB 0,NB 3**

PAR

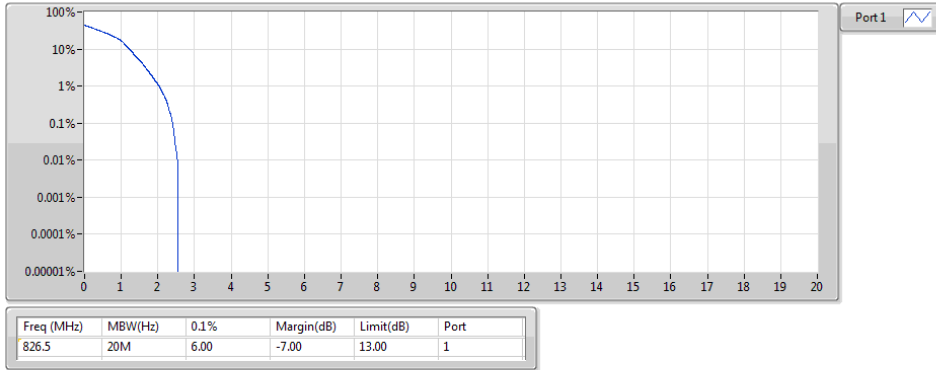






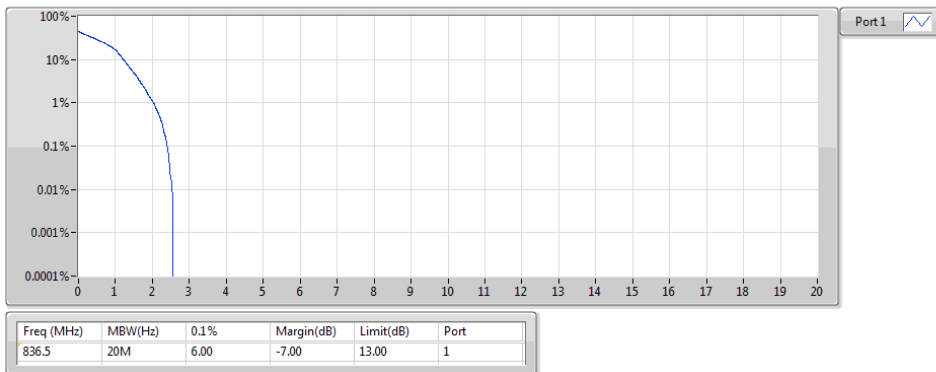
**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**826.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

PAR



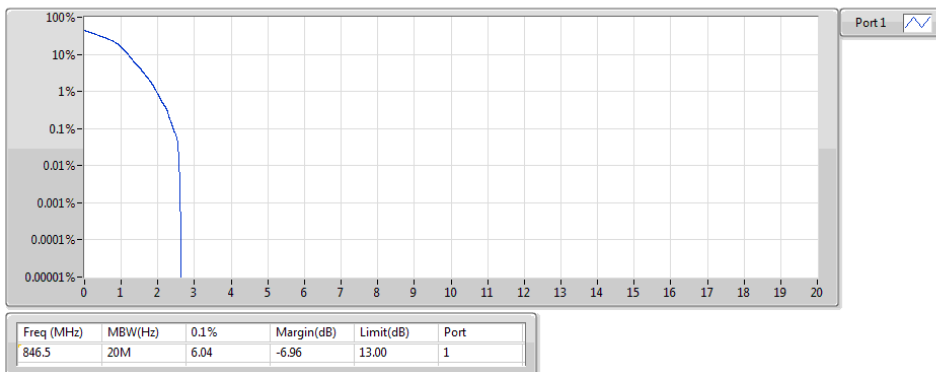
**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_5MHz\_Nss1,16QAM\_1TX**  
**846.5MHz\_16QAM\_RB 6,#RB 0,NB 3**

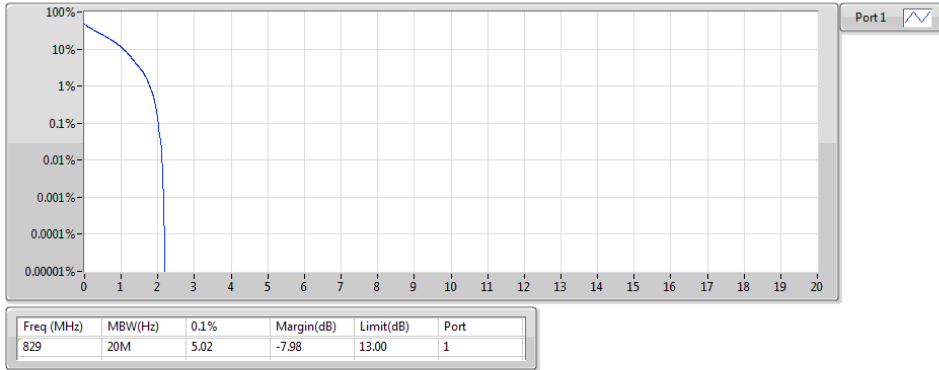
PAR





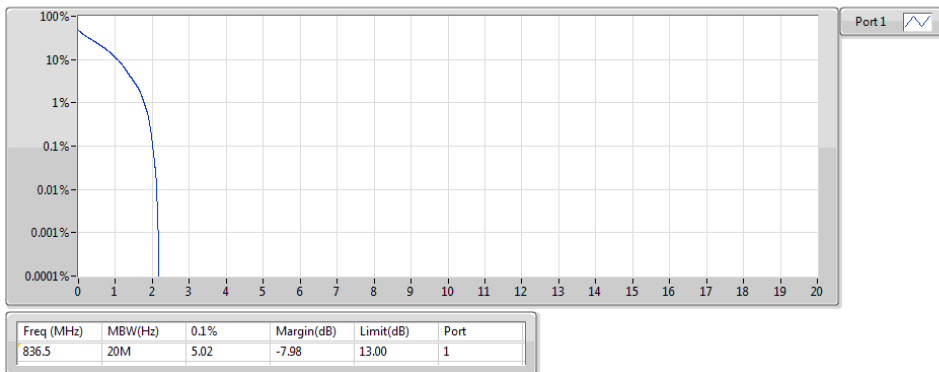
**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**829MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



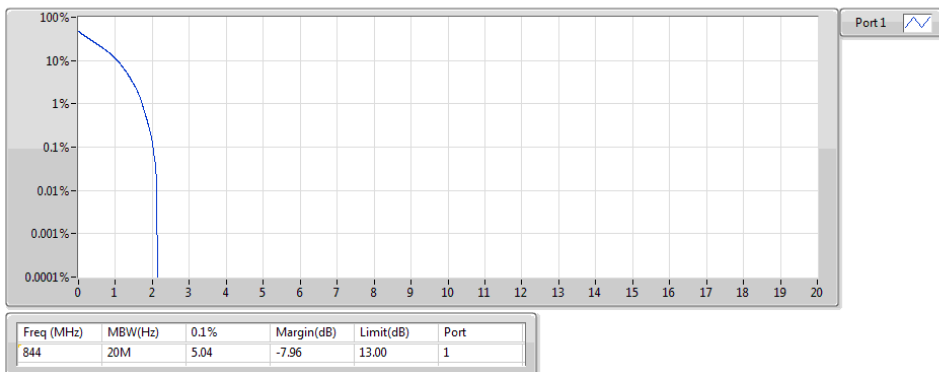
**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_10MHz\_Nss1,QPSK\_1TX**  
**844MHz\_QPSK\_RB 6,#RB 0,NB 7**

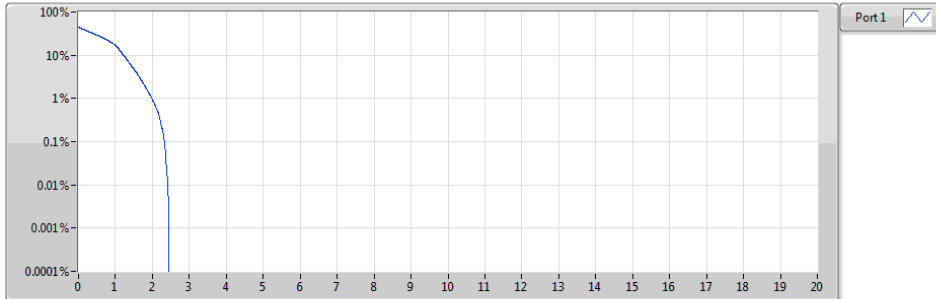
PAR





**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**829MHz\_16QAM\_RB 6,#RB 0,NB 0**

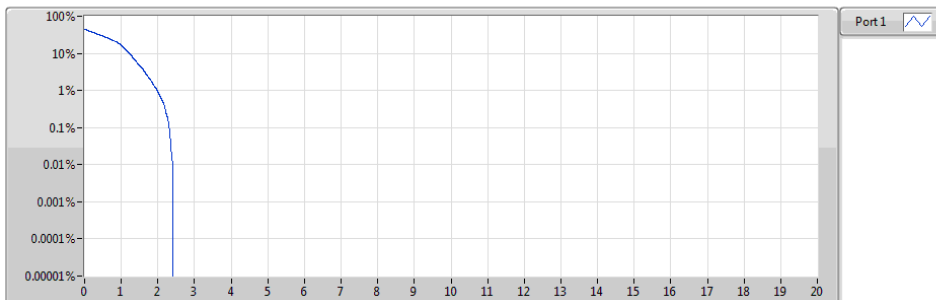
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
829	20M	5.81	-7.19	13.00	1

**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

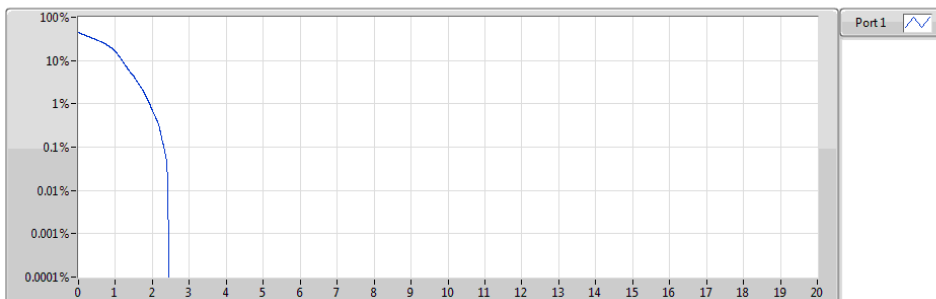
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	20M	5.77	-7.23	13.00	1

**Band 26\_LTE-M1\_10MHz\_Nss1,16QAM\_1TX**  
**844MHz\_16QAM\_RB 6,#RB 0,NB 7**

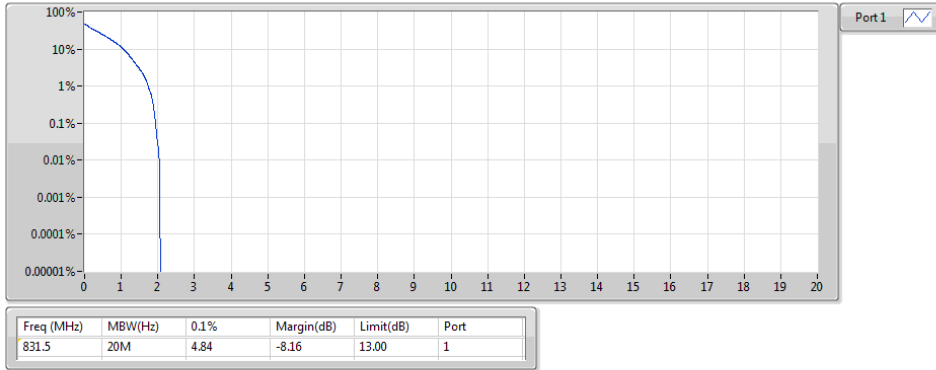
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
844	20M	5.77	-7.23	13.00	1

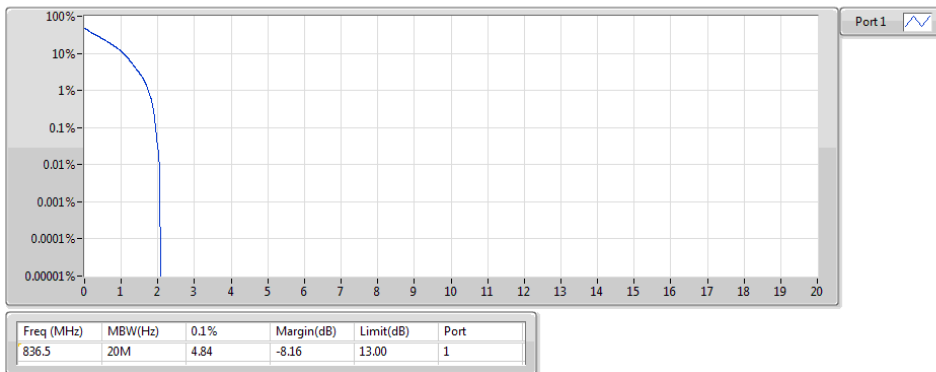
**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**831.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



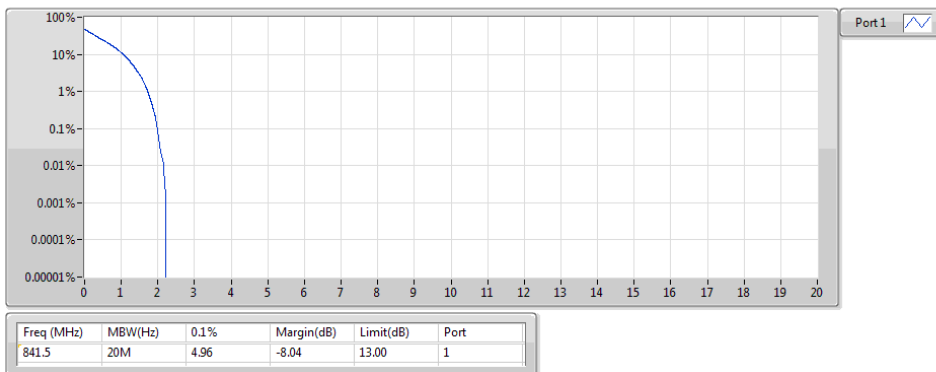
**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**836.5MHz\_QPSK\_RB 6,#RB 0,NB 0**

PAR



**Band 26\_LTE-M1\_15MHz\_Nss1,QPSK\_1TX**  
**841.5MHz\_QPSK\_RB 6,#RB 0,NB 11**

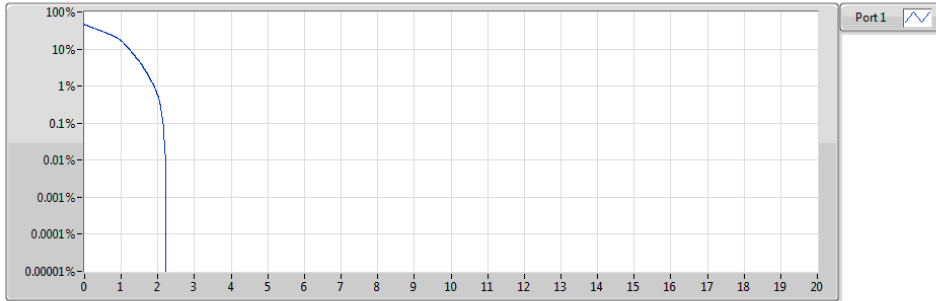
PAR





**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**831.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

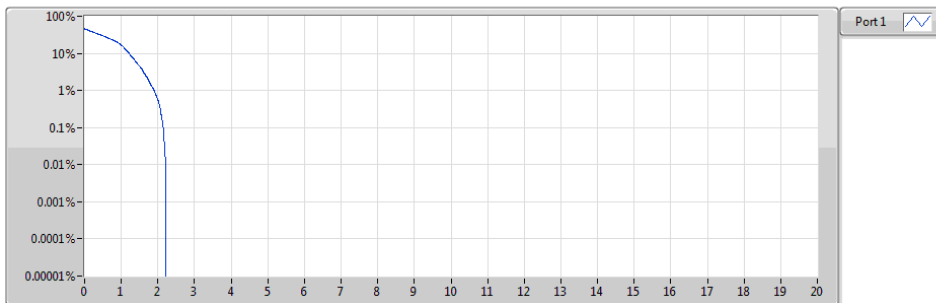
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
831.5	20M	5.35	-7.65	13.00	1

**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**836.5MHz\_16QAM\_RB 6,#RB 0,NB 0**

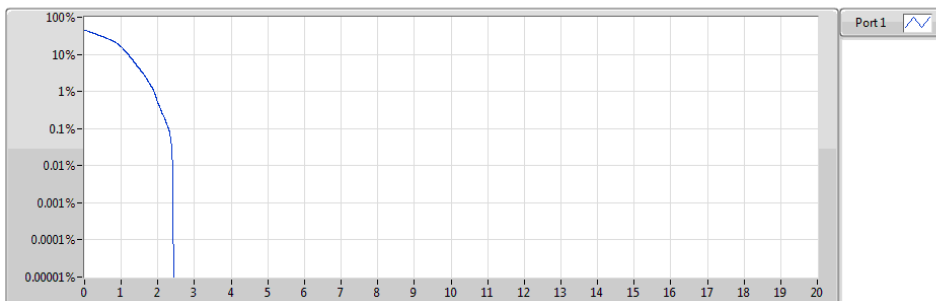
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	20M	5.36	-7.64	13.00	1

**Band 26\_LTE-M1\_15MHz\_Nss1,16QAM\_1TX**  
**841.5MHz\_16QAM\_RB 6,#RB 0,NB 11**

PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
841.5	20M	5.73	-7.27	13.00	1

<b>LTE Band 26, CB: 1.4MHz</b>				
<b>Temperature (°C)</b>	<b>824.7MHz</b>		<b>848.3MHz</b>	
	<b>Frequency Drift (ppm)</b>	<b>F<sub>L</sub> (MHz)</b>	<b>Frequency Drift (ppm)</b>	<b>F<sub>H</sub> (MHz)</b>
T20°CVmax	0.010	824.159753	0.007	848.837171
T20°CVmin	0.008	824.159754	0.008	848.837172
T60°CVnom	0.021	824.159755	0.022	848.837184
T50°CVnom	0.019	824.159756	0.018	848.837180
T40°CVnom	0.008	824.159757	0.009	848.837173
T30°CVnom	0.010	824.159758	0.008	848.837172
T20°CVnom	0.007	824.159759	0.007	848.837171
T10°CVnom	-0.008	824.159760	-0.006	848.837160
T0°CVnom	-0.015	824.159761	-0.012	848.837155
T-10°CVnom	-0.013	824.159762	-0.015	848.837152
T-20°CVnom	-0.021	824.159763	-0.021	848.837147
T-30°CVnom	-0.022	824.159764	-0.020	848.837148
<b>Limit</b>	<b>&gt;824MHz</b>		<b>&lt;849MHz</b>	

<b>LTE Band 26, CB: 3MHz</b>				
<b>Temperature (°C)</b>	<b>825.5MHz</b>		<b>847.5MHz</b>	
	<b>Frequency Drift (ppm)</b>	<b>F<sub>L</sub> (MHz)</b>	<b>Frequency Drift (ppm)</b>	<b>F<sub>H</sub> (MHz)</b>
T20°CVmax	0.008	824.330787	0.008	848.667625
T20°CVmin	0.010	824.330788	0.007	848.667624
T60°CVnom	0.019	824.330789	0.021	848.667636
T50°CVnom	0.018	824.330790	0.017	848.667632
T40°CVnom	0.007	824.330791	0.008	848.667625
T30°CVnom	0.008	824.330792	0.007	848.667624
T20°CVnom	0.006	824.330793	0.009	848.667626
T10°CVnom	-0.007	824.330794	-0.008	848.667611
T0°CVnom	-0.013	824.330795	-0.014	848.667606
T-10°CVnom	-0.015	824.330796	-0.013	848.667607
T-20°CVnom	-0.019	824.330797	-0.020	848.667601
T-30°CVnom	-0.023	824.330798	-0.021	848.667600
<b>Limit</b>	<b>&gt;824MHz</b>		<b>&lt;849MHz</b>	

<b>LTE Band 26, CB: 5MHz</b>				
<b>Temperature (°C)</b>	<b>826.5MHz</b>		<b>846.5MHz</b>	
	<b>Frequency Drift (ppm)</b>	<b>F<sub>L</sub> (MHz)</b>	<b>Frequency Drift (ppm)</b>	<b>F<sub>H</sub> (MHz)</b>
T20°CVmax	0.010	824.244444	0.008	848.750676
T20°CVmin	0.008	824.244445	0.008	848.750676
T60°CVnom	0.016	824.244446	0.019	848.750685
T50°CVnom	0.015	824.244447	0.018	848.750684
T40°CVnom	0.006	824.244448	0.007	848.750675
T30°CVnom	0.010	824.244449	0.008	848.750676
T20°CVnom	0.008	824.244450	0.008	848.750676
T10°CVnom	-0.008	824.244451	-0.009	848.750661
T0°CVnom	-0.012	824.244452	-0.013	848.750658
T-10°CVnom	-0.016	824.244453	-0.015	848.750656
T-20°CVnom	-0.018	824.244454	-0.019	848.750653
T-30°CVnom	-0.022	824.244455	-0.022	848.750650
<b>Limit</b>	<b>&gt;824MHz</b>		<b>&lt;849MHz</b>	

<b>LTE Band 26, CB: 10MHz</b>				
<b>Temperature (°C)</b>	<b>829MHz</b>		<b>844MHz</b>	
	<b>Frequency Drift (ppm)</b>	<b>F<sub>L</sub> (MHz)</b>	<b>Frequency Drift (ppm)</b>	<b>F<sub>H</sub> (MHz)</b>
T20°CVmax	0.008	824.670032	0.009	848.322716
T20°CVmin	0.011	824.670033	0.008	848.322715
T60°CVnom	0.016	824.670034	0.018	848.322723
T50°CVnom	0.013	824.670035	0.015	848.322721
T40°CVnom	0.008	824.670036	0.011	848.322717
T30°CVnom	0.008	824.670037	0.009	848.322716
T20°CVnom	0.007	824.670038	0.008	848.322715
T10°CVnom	-0.011	824.670039	-0.008	848.322701
T0°CVnom	-0.014	824.670040	-0.015	848.322695
T-10°CVnom	-0.016	824.670041	-0.018	848.322693
T-20°CVnom	-0.019	824.670042	-0.019	848.322692
T-30°CVnom	-0.023	824.670043	-0.021	848.322690
<b>Limit</b>	<b>&gt;824MHz</b>		<b>&lt;849MHz</b>	



LTE Band 26, CB: 15MHz				
Temperature (°C)	831.5MHz		841.5MHz	
	Frequency Drift (ppm)	F <sub>L</sub> (MHz)	Frequency Drift (ppm)	F <sub>H</sub> (MHz)
T20°CVmax	0.010	824.916829	0.008	848.078681
T20°CVmin	0.011	824.916830	0.010	848.078682
T60°CVnom	0.014	824.916831	0.015	848.078687
T50°CVnom	0.016	824.916832	0.014	848.078686
T40°CVnom	0.007	824.916833	0.010	848.078682
T30°CVnom	0.010	824.916834	0.008	848.078681
T20°CVnom	0.008	824.916835	0.007	848.078680
T10°CVnom	-0.010	824.916836	-0.007	848.078668
T0°CVnom	-0.013	824.916837	-0.014	848.078662
T-10°CVnom	-0.014	824.916838	-0.015	848.078661
T-20°CVnom	-0.018	824.916839	-0.018	848.078659
T-30°CVnom	-0.022	824.916840	-0.019	848.078658
<b>Limit</b>	>824MHz		<849MHz	





Summary

Mode	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)
Band 5	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	20.82	0.121	19.47	0.08851
LTE-M1_1.4MHz_Nss1,16QAM_1TX	19.95	0.099	18.60	0.07244
LTE-M1_3MHz_Nss1,QPSK_1TX	20.98	0.125	19.63	0.09183
LTE-M1_3MHz_Nss1,16QAM_1TX	20.07	0.102	18.72	0.07447
LTE-M1_5MHz_Nss1,QPSK_1TX	21.13	0.130	19.78	0.09506
LTE-M1_5MHz_Nss1,16QAM_1TX	21.12	0.129	19.77	0.09484
LTE-M1_10MHz_Nss1,QPSK_1TX	20.87	0.122	19.52	0.08954
LTE-M1_10MHz_Nss1,16QAM_1TX	20.82	0.121	19.47	0.08851



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 5_LTE-M1_1.4MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
824.7MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.62	19.47	0.08851	7	20.82	0.121	Inf	20.82
824.7MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.29	19.14	0.08204	7	20.49	0.112	Inf	20.49
824.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.14	16.99	0.05000	7	18.34	0.068	Inf	18.34
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.41	19.26	0.08433	7	20.61	0.115	Inf	20.61
836.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.01	16.86	0.04853	7	18.21	0.066	Inf	18.21
848.3MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	20.98	18.83	0.07638	7	20.18	0.104	Inf	20.18
848.3MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	20.85	18.70	0.07413	7	20.05	0.101	Inf	20.05
848.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.27	17.12	0.05152	7	18.47	0.070	Inf	18.47
824.7MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.27	18.12	0.06486	7	19.47	0.089	Inf	19.47
824.7MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.07	17.92	0.06194	7	19.27	0.085	Inf	19.27
824.7MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.12	16.97	0.04977	7	18.32	0.068	Inf	18.32
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.38	18.23	0.06653	7	19.58	0.091	Inf	19.58
836.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.19	18.04	0.06368	7	19.39	0.087	Inf	19.39
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.13	16.98	0.04989	7	18.33	0.068	Inf	18.33
848.3MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.75	18.60	0.07244	7	19.95	0.099	Inf	19.95
848.3MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.63	18.48	0.07047	7	19.83	0.096	Inf	19.83
848.3MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.04	16.89	0.04887	7	18.24	0.067	Inf	18.24
Band 5_LTE-M1_3MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
825.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.78	19.63	0.09183	7	20.98	0.125	Inf	20.98
825.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.71	19.56	0.09036	7	20.91	0.123	Inf	20.91
825.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.62	19.47	0.08851	7	20.82	0.121	Inf	20.82
825.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.46	19.31	0.08531	7	20.66	0.116	Inf	20.66
825.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	20.62	18.47	0.07031	7	19.82	0.096	Inf	19.82
825.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	0.80	20.47	18.32	0.06792	7	19.67	0.093	Inf	19.67
825.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.28	17.13	0.05164	7	18.48	0.070	Inf	18.48
825.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	0.80	19.25	17.10	0.05129	7	18.45	0.070	Inf	18.45
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.46	19.31	0.08531	7	20.66	0.116	Inf	20.66
836.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.37	19.22	0.08356	7	20.57	0.114	Inf	20.57
836.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	21.29	19.14	0.08204	7	20.49	0.112	Inf	20.49
836.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.28	19.13	0.08185	7	20.48	0.112	Inf	20.48
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	20.13	17.98	0.06281	7	19.33	0.086	Inf	19.33
836.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	0.80	20.06	17.91	0.06180	7	19.26	0.084	Inf	19.26
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.03	16.88	0.04875	7	18.23	0.067	Inf	18.23
836.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	0.80	19.13	16.98	0.04989	7	18.33	0.068	Inf	18.33
847.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.04	18.89	0.07745	7	20.24	0.106	Inf	20.24



**Effective Radiated Power**

**Appendix G**

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
847.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.01	18.86	0.07691	7	20.21	0.105	Inf	20.21
847.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	0.80	20.91	18.76	0.07516	7	20.11	0.103	Inf	20.11
847.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	20.88	18.73	0.07464	7	20.08	0.102	Inf	20.08
847.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	20.24	18.09	0.06442	7	19.44	0.088	Inf	19.44
847.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	0.80	19.99	17.84	0.06081	7	19.19	0.083	Inf	19.19
847.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	19.25	17.10	0.05129	7	18.45	0.070	Inf	18.45
847.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	0.80	19.19	17.04	0.05058	7	18.39	0.069	Inf	18.39
825.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.49	18.34	0.06823	7	19.69	0.093	Inf	19.69
825.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	20.52	18.37	0.06871	7	19.72	0.094	Inf	19.72
825.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.40	18.25	0.06683	7	19.60	0.091	Inf	19.6
825.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	20.34	18.19	0.06592	7	19.54	0.090	Inf	19.54
825.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	19.31	17.16	0.05200	7	18.51	0.071	Inf	18.51
825.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	0.80	19.45	17.30	0.05370	7	18.65	0.073	Inf	18.65
825.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.55	17.40	0.05495	7	18.75	0.075	Inf	18.75
825.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	0.80	19.26	17.11	0.05140	7	18.46	0.070	Inf	18.46
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.28	18.13	0.06501	7	19.48	0.089	Inf	19.48
836.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	20.27	18.12	0.06486	7	19.47	0.089	Inf	19.47
836.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.19	18.04	0.06368	7	19.39	0.087	Inf	19.39
836.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	20.19	18.04	0.06368	7	19.39	0.087	Inf	19.39
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	19.02	16.87	0.04864	7	18.22	0.066	Inf	18.22
836.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	0.80	19.14	16.99	0.05000	7	18.34	0.068	Inf	18.34
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.08	16.93	0.04932	7	18.28	0.067	Inf	18.28
836.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	0.80	19.12	16.97	0.04977	7	18.32	0.068	Inf	18.32
847.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	20.87	18.72	0.07447	7	20.07	0.102	Inf	20.07
847.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	20.83	18.68	0.07379	7	20.03	0.101	Inf	20.03
847.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	0.80	20.71	18.56	0.07178	7	19.91	0.098	Inf	19.91
847.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	20.69	18.54	0.07145	7	19.89	0.097	Inf	19.89
847.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	19.54	17.39	0.05483	7	18.74	0.075	Inf	18.74
847.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	0.80	19.42	17.27	0.05333	7	18.62	0.073	Inf	18.62
847.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.14	16.99	0.05000	7	18.34	0.068	Inf	18.34
847.5MHz_16QAM_RB 6,#RB 0,NB 1	Pass	0.80	19.11	16.96	0.04966	7	18.31	0.068	Inf	18.31
Band 5_LTE-M1_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
826.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.88	19.73	0.09397	7	21.08	0.128	Inf	21.08
826.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.93	19.78	0.09506	7	21.13	0.130	Inf	21.13
826.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.63	19.48	0.08872	7	20.83	0.121	Inf	20.83
826.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.76	19.61	0.09141	7	20.96	0.125	Inf	20.96
826.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.48	19.33	0.08570	7	20.68	0.117	Inf	20.68
826.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	0.80	21.49	19.34	0.08590	7	20.69	0.117	Inf	20.69



**Effective Radiated Power**

**Appendix G**

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
826.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.44	18.29	0.06745	7	19.64	0.092	Inf	19.64
826.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	0.80	20.30	18.15	0.06531	7	19.50	0.089	Inf	19.5
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
836.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.58	19.43	0.08770	7	20.78	0.120	Inf	20.78
836.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.37	19.22	0.08356	7	20.57	0.114	Inf	20.57
836.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
836.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	0.80	21.16	19.01	0.07962	7	20.36	0.109	Inf	20.36
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.10	17.95	0.06237	7	19.30	0.085	Inf	19.3
836.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	0.80	19.99	17.84	0.06081	7	19.19	0.083	Inf	19.19
846.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
846.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	0.80	21.71	19.56	0.09036	7	20.91	0.123	Inf	20.91
846.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	0.80	21.41	19.26	0.08433	7	20.61	0.115	Inf	20.61
846.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.24	19.09	0.08110	7	20.44	0.111	Inf	20.44
846.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.34	19.19	0.08299	7	20.54	0.113	Inf	20.54
846.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	0.80	21.25	19.10	0.08128	7	20.45	0.111	Inf	20.45
846.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.15	18.00	0.06310	7	19.35	0.086	Inf	19.35
846.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	0.80	20.04	17.89	0.06152	7	19.24	0.084	Inf	19.24
826.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.90	19.75	0.09441	7	21.10	0.129	Inf	21.1
826.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	21.92	19.77	0.09484	7	21.12	0.129	Inf	21.12
826.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	21.56	19.41	0.08730	7	20.76	0.119	Inf	20.76
826.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.59	19.44	0.08790	7	20.79	0.120	Inf	20.79
826.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.62	19.47	0.08851	7	20.82	0.121	Inf	20.82
826.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	0.80	21.50	19.35	0.08610	7	20.70	0.117	Inf	20.7
826.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	19.52	17.37	0.05458	7	18.72	0.074	Inf	18.72
826.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	0.80	19.58	17.43	0.05534	7	18.78	0.076	Inf	18.78
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.51	19.36	0.08630	7	20.71	0.118	Inf	20.71
836.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	21.49	19.34	0.08590	7	20.69	0.117	Inf	20.69
836.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	21.37	19.22	0.08356	7	20.57	0.114	Inf	20.57
836.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.46	19.31	0.08531	7	20.66	0.116	Inf	20.66
836.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	0.80	21.25	19.10	0.08128	7	20.45	0.111	Inf	20.45
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	20.29	18.14	0.06516	7	19.49	0.089	Inf	19.49
836.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	0.80	20.19	18.04	0.06368	7	19.39	0.087	Inf	19.39
846.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.63	19.48	0.08872	7	20.83	0.121	Inf	20.83
846.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	0.80	21.70	19.55	0.09016	7	20.90	0.123	Inf	20.9
846.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	0.80	21.41	19.26	0.08433	7	20.61	0.115	Inf	20.61
846.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.43	19.28	0.08472	7	20.63	0.116	Inf	20.63



**Effective Radiated Power**

**Appendix G**

Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
846.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.34	19.19	0.08299	7	20.54	0.113	Inf	20.54
846.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
846.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	20.08	17.93	0.06209	7	19.28	0.085	Inf	19.28
846.5MHz_16QAM_RB 6,#RB 0,NB 3	Pass	0.80	20.09	17.94	0.06223	7	19.29	0.085	Inf	19.29
Band 5_LTE-M1_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
829MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.67	19.52	0.08954	7	20.87	0.122	Inf	20.87
829MHz_QPSK_RB 1,#RB 0,NB 3	Pass	0.80	21.63	19.48	0.08872	7	20.83	0.121	Inf	20.83
829MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.46	19.31	0.08531	7	20.66	0.116	Inf	20.66
829MHz_QPSK_RB 1,#RB 5,NB 7	Pass	0.80	21.40	19.25	0.08414	7	20.60	0.115	Inf	20.6
829MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.55	19.40	0.08710	7	20.75	0.119	Inf	20.75
829MHz_QPSK_RB 3,#RB 3,NB 7	Pass	0.80	21.30	19.15	0.08222	7	20.50	0.112	Inf	20.5
829MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.51	18.36	0.06855	7	19.71	0.094	Inf	19.71
829MHz_QPSK_RB 6,#RB 0,NB 7	Pass	0.80	20.12	17.97	0.06266	7	19.32	0.086	Inf	19.32
836.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.64	19.49	0.08892	7	20.84	0.121	Inf	20.84
836.5MHz_QPSK_RB 1,#RB 0,NB 3	Pass	0.80	21.63	19.48	0.08872	7	20.83	0.121	Inf	20.83
836.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.33	19.18	0.08279	7	20.53	0.113	Inf	20.53
836.5MHz_QPSK_RB 1,#RB 5,NB 7	Pass	0.80	21.38	19.23	0.08375	7	20.58	0.114	Inf	20.58
836.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.27	19.12	0.08166	7	20.47	0.111	Inf	20.47
836.5MHz_QPSK_RB 3,#RB 3,NB 7	Pass	0.80	21.38	19.23	0.08375	7	20.58	0.114	Inf	20.58
836.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.14	17.99	0.06295	7	19.34	0.086	Inf	19.34
836.5MHz_QPSK_RB 6,#RB 0,NB 7	Pass	0.80	20.12	17.97	0.06266	7	19.32	0.086	Inf	19.32
844MHz_QPSK_RB 1,#RB 0,NB 0	Pass	0.80	21.53	19.38	0.08670	7	20.73	0.118	Inf	20.73
844MHz_QPSK_RB 1,#RB 0,NB 3	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
844MHz_QPSK_RB 1,#RB 5,NB 3	Pass	0.80	21.31	19.16	0.08241	7	20.51	0.112	Inf	20.51
844MHz_QPSK_RB 1,#RB 5,NB 7	Pass	0.80	21.32	19.17	0.08260	7	20.52	0.113	Inf	20.52
844MHz_QPSK_RB 3,#RB 0,NB 0	Pass	0.80	21.24	19.09	0.08110	7	20.44	0.111	Inf	20.44
844MHz_QPSK_RB 3,#RB 3,NB 7	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
844MHz_QPSK_RB 6,#RB 0,NB 0	Pass	0.80	20.10	17.95	0.06237	7	19.30	0.085	Inf	19.3
844MHz_QPSK_RB 6,#RB 0,NB 7	Pass	0.80	20.15	18.00	0.06310	7	19.35	0.086	Inf	19.35
829MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.59	19.44	0.08790	7	20.79	0.120	Inf	20.79
829MHz_16QAM_RB 1,#RB 0,NB 3	Pass	0.80	21.56	19.41	0.08730	7	20.76	0.119	Inf	20.76
829MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.38	19.23	0.08375	7	20.58	0.114	Inf	20.58
829MHz_16QAM_RB 1,#RB 5,NB 7	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
829MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
829MHz_16QAM_RB 3,#RB 3,NB 7	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
829MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.48	19.33	0.08570	7	20.68	0.117	Inf	20.68
829MHz_16QAM_RB 6,#RB 0,NB 7	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
836.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.62	19.47	0.08851	7	20.82	0.121	Inf	20.82



Mode	Result	DG (dBi)	EIRP (dBm)	ERP (dBm)	ERP (W)	ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
836.5MHz_16QAM_RB 1,#RB 0,NB 3	Pass	0.80	21.36	19.21	0.08337	7	20.56	0.114	Inf	20.56
836.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.35	19.20	0.08318	7	20.55	0.114	Inf	20.55
836.5MHz_16QAM_RB 1,#RB 5,NB 7	Pass	0.80	21.47	19.32	0.08551	7	20.67	0.117	Inf	20.67
836.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
836.5MHz_16QAM_RB 3,#RB 3,NB 7	Pass	0.80	21.22	19.07	0.08072	7	20.42	0.110	Inf	20.42
836.5MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.21	19.06	0.08054	7	20.41	0.110	Inf	20.41
836.5MHz_16QAM_RB 6,#RB 0,NB 7	Pass	0.80	20.31	18.16	0.06546	7	19.51	0.089	Inf	19.51
844MHz_16QAM_RB 1,#RB 0,NB 0	Pass	0.80	21.52	19.37	0.08650	7	20.72	0.118	Inf	20.72
844MHz_16QAM_RB 1,#RB 0,NB 3	Pass	0.80	21.48	19.33	0.08570	7	20.68	0.117	Inf	20.68
844MHz_16QAM_RB 1,#RB 5,NB 3	Pass	0.80	21.42	19.27	0.08453	7	20.62	0.115	Inf	20.62
844MHz_16QAM_RB 1,#RB 5,NB 7	Pass	0.80	21.49	19.34	0.08590	7	20.69	0.117	Inf	20.69
844MHz_16QAM_RB 3,#RB 0,NB 0	Pass	0.80	21.37	19.22	0.08356	7	20.57	0.114	Inf	20.57
844MHz_16QAM_RB 3,#RB 3,NB 7	Pass	0.80	21.31	19.16	0.08241	7	20.51	0.112	Inf	20.51
844MHz_16QAM_RB 6,#RB 0,NB 0	Pass	0.80	21.19	19.04	0.08017	7	20.39	0.109	Inf	20.39
844MHz_16QAM_RB 6,#RB 0,NB 7	Pass	0.80	21.11	18.96	0.07870	7	20.31	0.107	Inf	20.31

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