FCC Test Report

FCC ID	:	**RF41539C**
Equipment	:	**Handheld Terminal**
Model No.	:	**DX-A400**
Brand Name	:	**KEYENCE**
Applicant	:	**KEYENCE CORPORATION**
Address	:	**1-3-14 HIGASHI-NAKAJIMA, HIGASHI-YODOGAWA-KU, OSAKA, JAPAN**
Standard	:	**47 CFR FCC Part 27**
Received Date	:	**Jun. 21, 2021**
Tested Date	:	**Jul. 23 ~ Aug. 11, 2021**

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

Reviewed by: **Approved by:**

Along Chen / Assistant Manager **Gary Chang / Manager**

Testing Laboratory 2732

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Release Record

Report No.	Version	Description	Issued Date
FG162103P27	Rev. 01	Initial issue	Nov. 16, 2021

Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 27.50(d)(4)	Equivalent Isotropically Radiated Power	Power[dBm]: 25.09	Pass
2.1053 / 27.53(h)	Radiated Emissions	Meet the requirement of limit	Pass
2.1051 / 27.53(h)	Conducted Emissions	Meet the requirement of limit	Pass
27.53(h)	Band Edge Measurement	Meet the requirement of limit	Pass
2.1049 / 27.53(h)	Occupied Bandwidth	Meet the requirement of limit	Pass
27.50(d)(5)	Peak to Average Ratio	Meet the requirement of limit	Pass
2.1055 / 27.54	Frequency Stability	Meet the requirement of limit	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

Operating Frequency	LTE Band 4: 1710 MHz ~ 1755 MHz
Modulation	QPSK, 16QAM (Uplink)

1.1.2 Antenna Details

Ant. No.	Type	Gain (dBi)	Connector	Remark
1	PIFA	1.86	No	---

1.1.3 Power Supply Type of Equipment under Test (EUT)

Supply Voltage	3.8Vdc		
Operational Voltage	☒ Vnom (3.8 V)	☒ Vmax (3.99 V)	☒ Vmin (3.61 V)
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (50°C)	☒ Tmin (-30°C)

1.1.4 Accessories

Accessories		
No.	**Equipment**	**Description**
1	Battery	Brand: KEYENCE Model: DX-BQ3 Rating: 3.8Vdc (11.51Wh) 3030mAh

1.1.5 Maximum EIRP and Emission Designator

Mode	Maximum EIRP (W)	Emission Designator
LTE_1.4MHz_Nss1,QPSK_1TX	0.318	1M08G7D
LTE_1.4MHz_Nss1,16QAM_1TX	0.264	1M08W7D
LTE_3MHz_Nss1,QPSK_1TX	0.310	2M67G7D
LTE_3MHz_Nss1,16QAM_1TX	0.258	2M67W7D
LTE_5MHz_Nss1,QPSK_1TX	0.323	4M46G7D
LTE_5MHz_Nss1,16QAM_1TX	0.269	4M46W7D
LTE_10MHz_Nss1,QPSK_1TX	0.315	8M94G7D
LTE_10MHz_Nss1,16QAM_1TX	0.262	8M92W7D
LTE_15MHz_Nss1,QPSK_1TX	0.318	13M4G7D
LTE_15MHz_Nss1,16QAM_1TX	0.266	13M4W7D
LTE_20MHz_Nss1,QPSK_1TX	0.316	17M9G7D
LTE_20MHz_Nss1,16QAM_1TX	0.264	17M9W7D

1.1.6 Operating Channel List

LTE Band 4		
Channel Bandwidth (MHz)	**Channel**	**Frequency (MHz)**
1.4	19957	1710.7
1.4	20175	1732.5
1.4	20393	1754.3
3	19965	1711.5
3	20175	1732.5
3	20385	1753.5
5	19975	1712.5
5	20175	1732.5
5	20375	1752.5
10	20000	1715.0
10	20175	1732.5
10	20350	1750.0
15	20025	1717.5
15	20175	1732.5
15	20325	1747.5
20	20050	1720.0
20	20175	1732.5
20	20300	1745.0

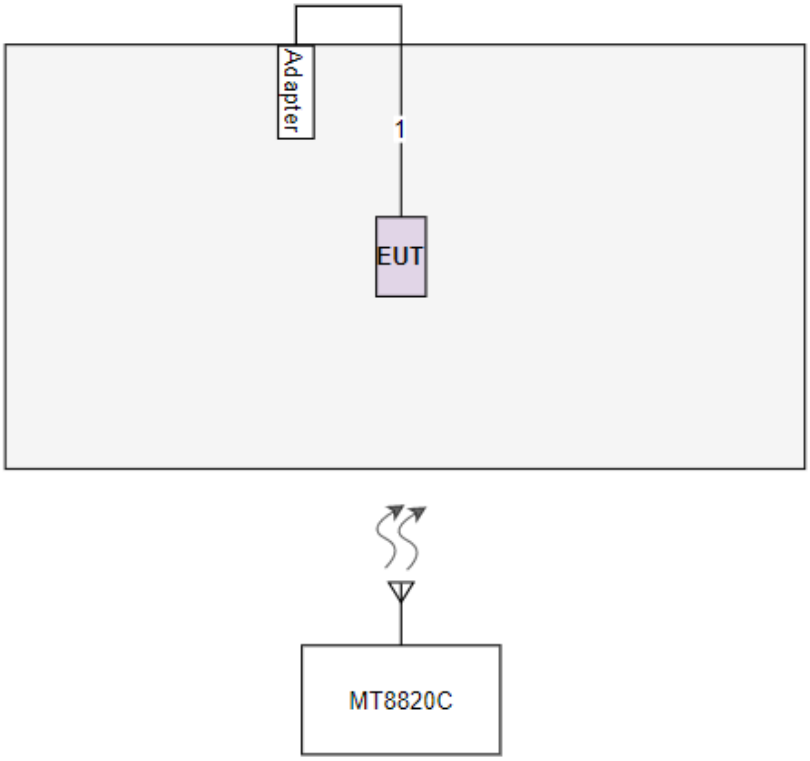
1.2 Local Support Equipment List

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

Note: Adapter is used for charging only.

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1	USB, 1m shielded. (Provided by applicant.)

1.4 The Equipment List

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

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Jul. 23 ~ Jul. 26, 2021				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	May 26, 2021	May 25, 2022
Spectrum Analyzer	Keysight	N9010A	MY54510374	Aug. 19, 2020	Aug. 18, 2021
Power Meter	Anritsu	ML2495A	1241002	Nov. 04, 2020	Nov. 03, 2021
Power Sensor	Anritsu	MA2411B	1207366	Nov. 04, 2020	Nov. 03, 2021
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Nov. 09, 2020	Nov. 08, 2021
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GTH-150-40-CP-AR-T	MAA1407-012	Sep. 10, 2020	Sep. 09, 2021
Measurement Software	-	SENSE-FCC_2G-4G	V5.10.5.4	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 27
ANSI C63.26-2015

1.6 Reference Guidance

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

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
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

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	24°C / 68-69%	Akun Chung
RF Conducted	TH01-WS	22-24°C / 62-65%	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 4			
Test item	**Channel Bandwidth**	**Modulation**	**Test channel**
E.I.R.P Conducted Emissions Occupied Bandwidth Peak to Average Ratio	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	19957 / 20175 / 20393 19965 / 20175 / 20385 19975 / 20175 / 20375 20000 / 20175 / 20350 20025 / 20175 / 20325 20050 / 20175 / 20300
Radiated Emission ≤ 1GHz	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK QPSK QPSK	19957 20175 19975 20175 20025 20175
Radiated Emission > 1GHz	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK QPSK QPSK	19957 / 20175 / 20393 19965 / 20175 / 20385 19975 / 20175 / 20375 20000 / 20175 / 20350 20025 / 20175 / 20325 20050 / 20175 / 20300
Band Edge	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	19957 / 20393 19965 / 20385 19975 / 20375 20000 / 20350 20025 / 20325 20050 / 20300
Frequency Stability	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK QPSK QPSK	19957 / 20393 19965 / 20385 19975 / 20375 20000 / 20350 20025 / 20325 20050 / 20300
NOTE: 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report.			

3 Test Results

3.1 Equivalent Isotropically Radiated Power

3.1.1 Limit of Equivalent Isotropically Radiated Power

Fixed, mobile, and portable (hand-held) stat ions operating in the 1710–1755 MHz band are limited to 1 Watt EIRP.

3.1.2 Test Procedures

For E.I.R.P measurement

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

1. EIRP = P_T + G_T - L_C

   P_T = transmitter output power, in dBm.

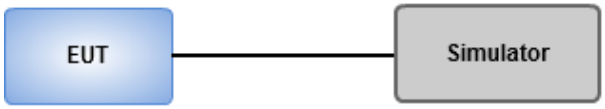
   G_T = gain of the transmitting antenna, in dBi (EIRP).

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

For Conducted power measurement

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

3.1.3 Test Setup



3.1.4 Test Result of Equivalent Isotropically Radiated Power and Conducted Power (dBm)

Refer to Appendix A.

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

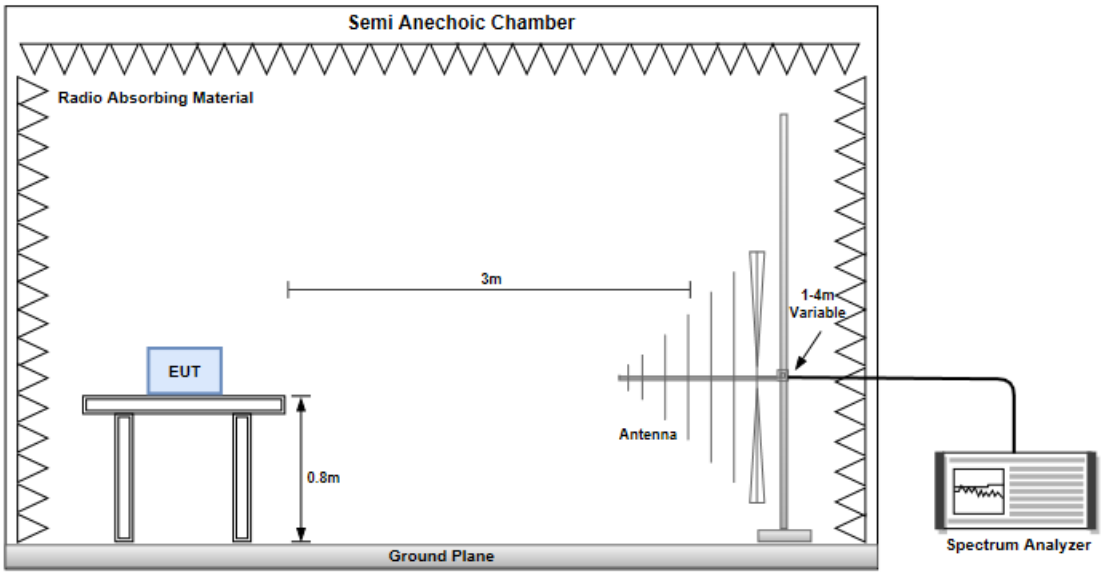
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13 dBm.

3.2.2 Test Procedures

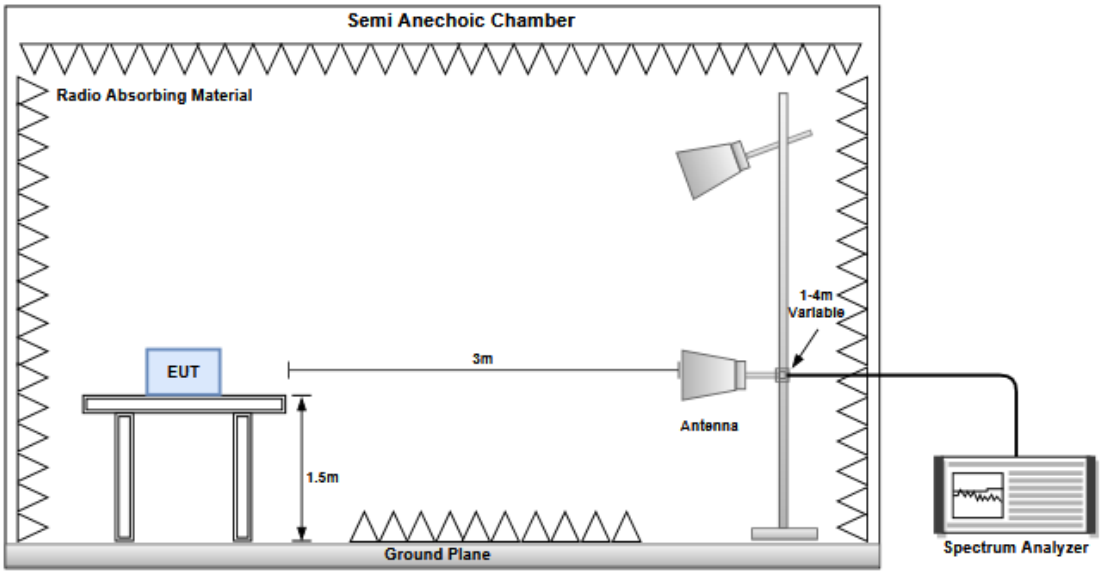
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes ofpolarization. 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 and4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable.

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.2.4 Test Result of Radiated Emissions

Refer to Appendix B.

3.3 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 frequencyranges 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

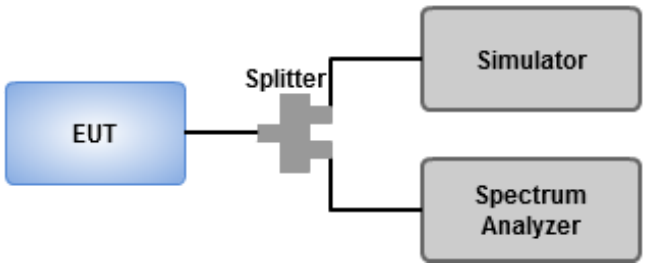
Out of band emission

1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30 MHz ~ 20 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 Out of Band Emissions & Band Edge

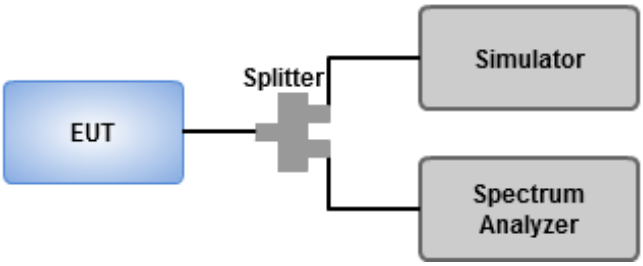
Refer to Appendix C.1, C.2.

3.4 Occupied and 26dB Bandwidth

3.4.1 Test Procedures

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

3.4.2 Test Setup



3.4.3 Test Result of Occupied and 26dB Bandwidth

Refer to Appendix D.

3.5 Peak to Average Power Ratio

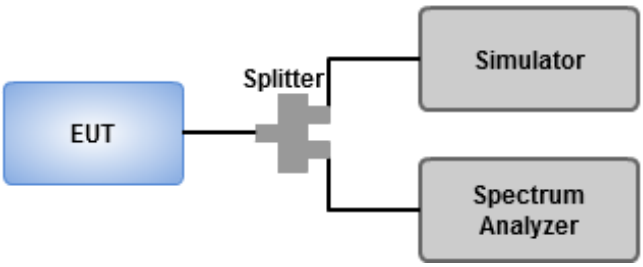
3.5.1 Limit of Peak to Average Power Ratio

The Peakto-average ratio (PAR) of the transmiss ion may not exceed 13 dB.

3.5.2 Test Procedures

1. Set resolution/measurement bandwidth ≥ 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

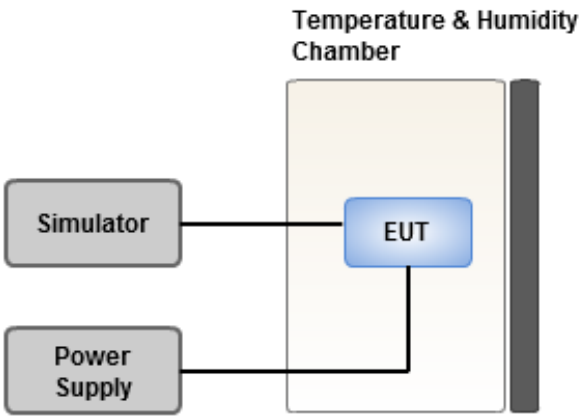
3.6.1 Limit of Frequency Stability

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

3.6.2 Test Procedures

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

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

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

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

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.) No.2-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 333, Taiwan (R.O.C.)

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

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 4	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	23.16	0.207	25.02	0.31769
LTE_1.4MHz_Nss1,16QAM_1TX	22.36	0.172	24.22	0.264
LTE_3MHz_Nss1,QPSK_1TX	23.06	0.202	24.92	0.31046
LTE_3MHz_Nss1,16QAM_1TX	22.25	0.168	24.11	0.258
LTE_5MHz_Nss1,QPSK_1TX	23.23	0.210	25.09	0.323
LTE_5MHz_Nss1,16QAM_1TX	22.43	0.175	24.29	0.269
LTE_10MHz_Nss1,QPSK_1TX	23.12	0.205	24.98	0.315
LTE_10MHz_Nss1,16QAM_1TX	22.33	0.171	24.19	0.262
LTE_15MHz_Nss1,QPSK_1TX	23.17	0.207	25.03	0.318
LTE_15MHz_Nss1,16QAM_1TX	22.39	0.173	24.25	0.266
LTE_20MHz_Nss1,QPSK_1TX	23.13	0.206	24.99	0.316
LTE_20MHz_Nss1,16QAM_1TX	22.36	0.172	24.22	0.264

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
Band 4_LTE_1.4MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1710.7MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.85	0.305	1	22.99	0.199	Inf	22.99
1710.7MHz_QPSK_RB 1,#RB 3	Pass	1.86	25.02	0.31769	1	23.16	0.207	Inf	23.16
1710.7MHz_QPSK_RB 1,#RB 5	Pass	1.86	24.85	0.305	1	22.99	0.199	Inf	22.99
1710.7MHz_QPSK_RB 3,#RB 0	Pass	1.86	24.94	0.312	1	23.08	0.203	Inf	23.08
1710.7MHz_QPSK_RB 3,#RB 1	Pass	1.86	25.01	0.317	1	23.15	0.207	Inf	23.15
1710.7MHz_QPSK_RB 3,#RB 3	Pass	1.86	24.93	0.311	1	23.07	0.203	Inf	23.07
1710.7MHz_QPSK_RB 6,#RB 0	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1732.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.82	0.303	1	22.96	0.198	Inf	22.96
1732.5MHz_QPSK_RB 1,#RB 3	Pass	1.86	25.01	0.31696	1	23.15	0.207	Inf	23.15
1732.5MHz_QPSK_RB 1,#RB 5	Pass	1.86	24.82	0.303	1	22.96	0.198	Inf	22.96
1732.5MHz_QPSK_RB 3,#RB 0	Pass	1.86	24.93	0.311	1	23.07	0.203	Inf	23.07
1732.5MHz_QPSK_RB 3,#RB 1	Pass	1.86	24.99	0.316	1	23.13	0.206	Inf	23.13
1732.5MHz_QPSK_RB 3,#RB 3	Pass	1.86	24.93	0.311	1	23.07	0.203	Inf	23.07
1732.5MHz_QPSK_RB 6,#RB 0	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1754.3MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.78	0.301	1	22.92	0.196	Inf	22.92
1754.3MHz_QPSK_RB 1,#RB 3	Pass	1.86	24.98	0.31477	1	23.12	0.205	Inf	23.12
1754.3MHz_QPSK_RB 1,#RB 5	Pass	1.86	24.76	0.299	1	22.90	0.195	Inf	22.90
1754.3MHz_QPSK_RB 3,#RB 0	Pass	1.86	24.88	0.308	1	23.02	0.200	Inf	23.02
1754.3MHz_QPSK_RB 3,#RB 1	Pass	1.86	24.95	0.313	1	23.09	0.204	Inf	23.09
1754.3MHz_QPSK_RB 3,#RB 3	Pass	1.86	24.87	0.307	1	23.01	0.200	Inf	23.01
1754.3MHz_QPSK_RB 6,#RB 0	Pass	1.86	23.92	0.247	1	22.06	0.161	Inf	22.06
1710.7MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.07	0.255	1	22.21	0.166	Inf	22.21
1710.7MHz_16QAM_RB 1,#RB 3	Pass	1.86	24.22	0.264	1	22.36	0.172	Inf	22.36
1710.7MHz_16QAM_RB 1,#RB 5	Pass	1.86	24.06	0.255	1	22.20	0.166	Inf	22.20
1710.7MHz_16QAM_RB 3,#RB 0	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1710.7MHz_16QAM_RB 3,#RB 1	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1710.7MHz_16QAM_RB 3,#RB 3	Pass	1.86	23.90	0.245	1	22.04	0.160	Inf	22.04
1710.7MHz_16QAM_RB 6,#RB 0	Pass	1.86	23.03	0.201	1	21.17	0.131	Inf	21.17
1732.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.06	0.255	1	22.20	0.166	Inf	22.20
1732.5MHz_16QAM_RB 1,#RB 3	Pass	1.86	24.16	0.261	1	22.30	0.170	Inf	22.30
1732.5MHz_16QAM_RB 1,#RB 5	Pass	1.86	24.06	0.255	1	22.20	0.166	Inf	22.20
1732.5MHz_16QAM_RB 3,#RB 0	Pass	1.86	23.87	0.244	1	22.01	0.159	Inf	22.01
1732.5MHz_16QAM_RB 3,#RB 1	Pass	1.86	23.92	0.247	1	22.06	0.161	Inf	22.06
1732.5MHz_16QAM_RB 3,#RB 3	Pass	1.86	23.89	0.245	1	22.03	0.160	Inf	22.03
1732.5MHz_16QAM_RB 6,#RB 0	Pass	1.86	23.02	0.200	1	21.16	0.131	Inf	21.16
1754.3MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1754.3MHz_16QAM_RB 1,#RB 3	Pass	1.86	24.06	0.255	1	22.20	0.166	Inf	22.20
1754.3MHz_16QAM_RB 1,#RB 5	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1754.3MHz_16QAM_RB 3,#RB 0	Pass	1.86	23.79	0.239	1	21.93	0.156	Inf	21.93
1754.3MHz_16QAM_RB 3,#RB 1	Pass	1.86	23.85	0.243	1	21.99	0.158	Inf	21.99
1754.3MHz_16QAM_RB 3,#RB 3	Pass	1.86	23.78	0.239	1	21.92	0.156	Inf	21.92
1754.3MHz_16QAM_RB 6,#RB 0	Pass	1.86	22.97	0.198	1	21.11	0.129	Inf	21.11
Band 4_LTE_3MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1711.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.89	0.308	1	23.03	0.201	Inf	23.03
1711.5MHz_QPSK_RB 1,#RB 8	Pass	1.86	24.91	0.30974	1	23.05	0.202	Inf	23.05
1711.5MHz_QPSK_RB 1,#RB 14	Pass	1.86	24.90	0.309	1	23.04	0.201	Inf	23.04
1711.5MHz_QPSK_RB 8,#RB 0	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1711.5MHz_QPSK_RB 8,#RB 4	Pass	1.86	23.96	0.249	1	22.10	0.162	Inf	22.10
1711.5MHz_QPSK_RB 8,#RB 7	Pass	1.86	23.92	0.247	1	22.06	0.161	Inf	22.06
1711.5MHz_QPSK_RB 15,#RB 0	Pass	1.86	23.94	0.248	1	22.08	0.161	Inf	22.08
1732.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.89	0.308	1	23.03	0.201	Inf	23.03
1732.5MHz_QPSK_RB 1,#RB 8	Pass	1.86	24.92	0.31046	1	23.06	0.202	Inf	23.06
1732.5MHz_QPSK_RB 1,#RB 14	Pass	1.86	24.86	0.306	1	23.00	0.200	Inf	23.00
1732.5MHz_QPSK_RB 8,#RB 0	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1732.5MHz_QPSK_RB 8,#RB 4	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1732.5MHz_QPSK_RB 8,#RB 7	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1732.5MHz_QPSK_RB 15,#RB 0	Pass	1.86	23.94	0.248	1	22.08	0.161	Inf	22.08
1753.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.83	0.304	1	22.97	0.198	Inf	22.97
1753.5MHz_QPSK_RB 1,#RB 8	Pass	1.86	24.84	0.30479	1	22.98	0.199	Inf	22.98
1753.5MHz_QPSK_RB 1,#RB 14	Pass	1.86	24.80	0.302	1	22.94	0.197	Inf	22.94
1753.5MHz_QPSK_RB 8,#RB 0	Pass	1.86	23.88	0.244	1	22.02	0.159	Inf	22.02
1753.5MHz_QPSK_RB 8,#RB 4	Pass	1.86	23.89	0.245	1	22.03	0.160	Inf	22.03
1753.5MHz_QPSK_RB 8,#RB 7	Pass	1.86	23.85	0.243	1	21.99	0.158	Inf	21.99
1753.5MHz_QPSK_RB 15,#RB 0	Pass	1.86	23.90	0.245	1	22.04	0.160	Inf	22.04
1711.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.10	0.257	1	22.24	0.167	Inf	22.24
1711.5MHz_16QAM_RB 1,#RB 8	Pass	1.86	24.11	0.258	1	22.25	0.168	Inf	22.25
1711.5MHz_16QAM_RB 1,#RB 14	Pass	1.86	24.09	0.256	1	22.23	0.167	Inf	22.23
1711.5MHz_16QAM_RB 8,#RB 0	Pass	1.86	22.95	0.197	1	21.09	0.129	Inf	21.09
1711.5MHz_16QAM_RB 8,#RB 4	Pass	1.86	22.98	0.199	1	21.12	0.129	Inf	21.12
1711.5MHz_16QAM_RB 8,#RB 7	Pass	1.86	22.95	0.197	1	21.09	0.129	Inf	21.09
1711.5MHz_16QAM_RB 15,#RB 0	Pass	1.86	22.91	0.195	1	21.05	0.127	Inf	21.05
1732.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.09	0.256	1	22.23	0.167	Inf	22.23
1732.5MHz_16QAM_RB 1,#RB 8	Pass	1.86	24.11	0.258	1	22.25	0.168	Inf	22.25
1732.5MHz_16QAM_RB 1,#RB 14	Pass	1.86	24.09	0.256	1	22.23	0.167	Inf	22.23

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1732.5MHz_16QAM_RB 8,#RB 0	Pass	1.86	22.96	0.198	1	21.10	0.129	Inf	21.10
1732.5MHz_16QAM_RB 8,#RB 4	Pass	1.86	22.98	0.199	1	21.12	0.129	Inf	21.12
1732.5MHz_16QAM_RB 8,#RB 7	Pass	1.86	22.95	0.197	1	21.09	0.129	Inf	21.09
1732.5MHz_16QAM_RB 15,#RB 0	Pass	1.86	22.92	0.196	1	21.06	0.128	Inf	21.06
1753.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1753.5MHz_16QAM_RB 1,#RB 8	Pass	1.86	24.00	0.251	1	22.14	0.164	Inf	22.14
1753.5MHz_16QAM_RB 1,#RB 14	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1753.5MHz_16QAM_RB 8,#RB 0	Pass	1.86	22.92	0.196	1	21.06	0.128	Inf	21.06
1753.5MHz_16QAM_RB 8,#RB 4	Pass	1.86	22.94	0.197	1	21.08	0.128	Inf	21.08
1753.5MHz_16QAM_RB 8,#RB 7	Pass	1.86	22.85	0.193	1	20.99	0.126	Inf	20.99
1753.5MHz_16QAM_RB 15,#RB 0	Pass	1.86	22.84	0.192	1	20.98	0.125	Inf	20.98
Band 4_LTE_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1712.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.80	0.302	1	22.94	0.197	Inf	22.94
1712.5MHz_QPSK_RB 1,#RB 12	Pass	1.86	25.09	0.323	1	23.23	0.210	Inf	23.23
1712.5MHz_QPSK_RB 1,#RB 24	Pass	1.86	24.78	0.301	1	22.92	0.196	Inf	22.92
1712.5MHz_QPSK_RB 12,#RB 0	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1712.5MHz_QPSK_RB 12,#RB 7	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1712.5MHz_QPSK_RB 12,#RB 13	Pass	1.86	23.94	0.248	1	22.08	0.161	Inf	22.08
1712.5MHz_QPSK_RB 25,#RB 0	Pass	1.86	23.94	0.248	1	22.08	0.161	Inf	22.08
1732.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.79	0.301	1	22.93	0.196	Inf	22.93
1732.5MHz_QPSK_RB 1,#RB 12	Pass	1.86	25.01	0.317	1	23.15	0.207	Inf	23.15
1732.5MHz_QPSK_RB 1,#RB 24	Pass	1.86	24.78	0.301	1	22.92	0.196	Inf	22.92
1732.5MHz_QPSK_RB 12,#RB 0	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1732.5MHz_QPSK_RB 12,#RB 7	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1732.5MHz_QPSK_RB 12,#RB 13	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1732.5MHz_QPSK_RB 25,#RB 0	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1752.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.74	0.298	1	22.88	0.194	Inf	22.88
1752.5MHz_QPSK_RB 1,#RB 12	Pass	1.86	25.02	0.318	1	23.16	0.207	Inf	23.16
1752.5MHz_QPSK_RB 1,#RB 24	Pass	1.86	24.72	0.296	1	22.86	0.193	Inf	22.86
1752.5MHz_QPSK_RB 12,#RB 0	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1752.5MHz_QPSK_RB 12,#RB 7	Pass	1.86	23.92	0.247	1	22.06	0.161	Inf	22.06
1752.5MHz_QPSK_RB 12,#RB 13	Pass	1.86	23.83	0.242	1	21.97	0.157	Inf	21.97
1752.5MHz_QPSK_RB 25,#RB 0	Pass	1.86	23.90	0.245	1	22.04	0.160	Inf	22.04
1712.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1712.5MHz_16QAM_RB 1,#RB 12	Pass	1.86	24.25	0.266	1	22.39	0.173	Inf	22.39
1712.5MHz_16QAM_RB 1,#RB 24	Pass	1.86	23.98	0.250	1	22.12	0.163	Inf	22.12
1712.5MHz_16QAM_RB 12,#RB 0	Pass	1.86	22.86	0.193	1	21.00	0.126	Inf	21.00
1712.5MHz_16QAM_RB 12,#RB 7	Pass	1.86	22.93	0.196	1	21.07	0.128	Inf	21.07

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1712.5MHz_16QAM_RB 12,#RB 13	Pass	1.86	22.88	0.194	1	21.02	0.126	Inf	21.02
1712.5MHz_16QAM_RB 25,#RB 0	Pass	1.86	22.92	0.196	1	21.06	0.128	Inf	21.06
1732.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.00	0.251	1	22.14	0.164	Inf	22.14
1732.5MHz_16QAM_RB 1,#RB 12	Pass	1.86	24.29	0.269	1	22.43	0.175	Inf	22.43
1732.5MHz_16QAM_RB 1,#RB 24	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1732.5MHz_16QAM_RB 12,#RB 0	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1732.5MHz_16QAM_RB 12,#RB 7	Pass	1.86	22.95	0.197	1	21.09	0.129	Inf	21.09
1732.5MHz_16QAM_RB 12,#RB 13	Pass	1.86	22.89	0.195	1	21.03	0.127	Inf	21.03
1732.5MHz_16QAM_RB 25,#RB 0	Pass	1.86	22.93	0.196	1	21.07	0.128	Inf	21.07
1752.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.96	0.249	1	22.10	0.162	Inf	22.10
1752.5MHz_16QAM_RB 1,#RB 12	Pass	1.86	24.17	0.261	1	22.31	0.170	Inf	22.31
1752.5MHz_16QAM_RB 1,#RB 24	Pass	1.86	23.87	0.244	1	22.01	0.159	Inf	22.01
1752.5MHz_16QAM_RB 12,#RB 0	Pass	1.86	22.87	0.194	1	21.01	0.126	Inf	21.01
1752.5MHz_16QAM_RB 12,#RB 7	Pass	1.86	22.88	0.194	1	21.02	0.126	Inf	21.02
1752.5MHz_16QAM_RB 12,#RB 13	Pass	1.86	22.76	0.189	1	20.90	0.123	Inf	20.90
1752.5MHz_16QAM_RB 25,#RB 0	Pass	1.86	22.86	0.193	1	21.00	0.126	Inf	21.00
Band 4_LTE_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1715MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.89	0.308	1	23.03	0.201	Inf	23.03
1715MHz_QPSK_RB 1,#RB 25	Pass	1.86	24.97	0.314	1	23.11	0.205	Inf	23.11
1715MHz_QPSK_RB 1,#RB 49	Pass	1.86	24.86	0.306	1	23.00	0.200	Inf	23.00
1715MHz_QPSK_RB 25,#RB 0	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1715MHz_QPSK_RB 25,#RB 12	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1715MHz_QPSK_RB 25,#RB 25	Pass	1.86	23.94	0.248	1	22.08	0.161	Inf	22.08
1715MHz_QPSK_RB 50,#RB 0	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1732.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.86	0.306	1	23.00	0.200	Inf	23.00
1732.5MHz_QPSK_RB 1,#RB 25	Pass	1.86	24.98	0.315	1	23.12	0.205	Inf	23.12
1732.5MHz_QPSK_RB 1,#RB 49	Pass	1.86	24.85	0.305	1	22.99	0.199	Inf	22.99
1732.5MHz_QPSK_RB 25,#RB 0	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1732.5MHz_QPSK_RB 25,#RB 12	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1732.5MHz_QPSK_RB 25,#RB 25	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1732.5MHz_QPSK_RB 50,#RB 0	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1750MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.85	0.305	1	22.99	0.199	Inf	22.99
1750MHz_QPSK_RB 1,#RB 25	Pass	1.86	24.91	0.310	1	23.05	0.202	Inf	23.05
1750MHz_QPSK_RB 1,#RB 49	Pass	1.86	24.79	0.301	1	22.93	0.196	Inf	22.93
1750MHz_QPSK_RB 25,#RB 0	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1750MHz_QPSK_RB 25,#RB 12	Pass	1.86	23.94	0.248	1	22.08	0.161	Inf	22.08
1750MHz_QPSK_RB 25,#RB 25	Pass	1.86	23.84	0.242	1	21.98	0.158	Inf	21.98
1750MHz_QPSK_RB 50,#RB 0	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1715MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.09	0.256	1	22.23	0.167	Inf	22.23
1715MHz_16QAM_RB 1,#RB 25	Pass	1.86	24.17	0.261	1	22.31	0.170	Inf	22.31
1715MHz_16QAM_RB 1,#RB 49	Pass	1.86	24.05	0.254	1	22.19	0.166	Inf	22.19
1715MHz_16QAM_RB 25,#RB 0	Pass	1.86	22.97	0.198	1	21.11	0.129	Inf	21.11
1715MHz_16QAM_RB 25,#RB 12	Pass	1.86	22.93	0.196	1	21.07	0.128	Inf	21.07
1715MHz_16QAM_RB 25,#RB 25	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1715MHz_16QAM_RB 50,#RB 0	Pass	1.86	22.93	0.196	1	21.07	0.128	Inf	21.07
1732.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.07	0.255	1	22.21	0.166	Inf	22.21
1732.5MHz_16QAM_RB 1,#RB 25	Pass	1.86	24.19	0.262	1	22.33	0.171	Inf	22.33
1732.5MHz_16QAM_RB 1,#RB 49	Pass	1.86	24.08	0.256	1	22.22	0.167	Inf	22.22
1732.5MHz_16QAM_RB 25,#RB 0	Pass	1.86	22.98	0.199	1	21.12	0.129	Inf	21.12
1732.5MHz_16QAM_RB 25,#RB 12	Pass	1.86	22.96	0.198	1	21.10	0.129	Inf	21.10
1732.5MHz_16QAM_RB 25,#RB 25	Pass	1.86	22.96	0.198	1	21.10	0.129	Inf	21.10
1732.5MHz_16QAM_RB 50,#RB 0	Pass	1.86	22.95	0.197	1	21.09	0.129	Inf	21.09
1750MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.07	0.255	1	22.21	0.166	Inf	22.21
1750MHz_16QAM_RB 1,#RB 25	Pass	1.86	24.15	0.260	1	22.29	0.169	Inf	22.29
1750MHz_16QAM_RB 1,#RB 49	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1750MHz_16QAM_RB 25,#RB 0	Pass	1.86	22.93	0.196	1	21.07	0.128	Inf	21.07
1750MHz_16QAM_RB 25,#RB 12	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1750MHz_16QAM_RB 25,#RB 25	Pass	1.86	22.81	0.191	1	20.95	0.124	Inf	20.95
1750MHz_16QAM_RB 50,#RB 0	Pass	1.86	22.88	0.194	1	21.02	0.126	Inf	21.02
Band 4_LTE_15MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1717.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.77	0.300	1	22.91	0.195	Inf	22.91
1717.5MHz_QPSK_RB 1,#RB 37	Pass	1.86	25.03	0.318	1	23.17	0.207	Inf	23.17
1717.5MHz_QPSK_RB 1,#RB 74	Pass	1.86	24.75	0.299	1	22.89	0.195	Inf	22.89
1717.5MHz_QPSK_RB 36,#RB 0	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1717.5MHz_QPSK_RB 36,#RB 20	Pass	1.86	23.96	0.249	1	22.10	0.162	Inf	22.10
1717.5MHz_QPSK_RB 36,#RB 39	Pass	1.86	23.87	0.244	1	22.01	0.159	Inf	22.01
1717.5MHz_QPSK_RB 75,#RB 0	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1732.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.75	0.299	1	22.89	0.195	Inf	22.89
1732.5MHz_QPSK_RB 1,#RB 37	Pass	1.86	25.02	0.318	1	23.16	0.207	Inf	23.16
1732.5MHz_QPSK_RB 1,#RB 74	Pass	1.86	24.75	0.299	1	22.89	0.195	Inf	22.89
1732.5MHz_QPSK_RB 36,#RB 0	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1732.5MHz_QPSK_RB 36,#RB 20	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1732.5MHz_QPSK_RB 36,#RB 39	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1732.5MHz_QPSK_RB 75,#RB 0	Pass	1.86	23.93	0.247	1	22.07	0.161	Inf	22.07
1747.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.76	0.299	1	22.90	0.195	Inf	22.90
1747.5MHz_QPSK_RB 1,#RB 37	Pass	1.86	25.01	0.317	1	23.15	0.207	Inf	23.15

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1747.5MHz_QPSK_RB 1,#RB 74	Pass	1.86	24.69	0.294	1	22.83	0.192	Inf	22.83
1747.5MHz_QPSK_RB 36,#RB 0	Pass	1.86	23.90	0.245	1	22.04	0.160	Inf	22.04
1747.5MHz_QPSK_RB 36,#RB 20	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1747.5MHz_QPSK_RB 36,#RB 39	Pass	1.86	23.84	0.242	1	21.98	0.158	Inf	21.98
1747.5MHz_QPSK_RB 75,#RB 0	Pass	1.86	23.85	0.243	1	21.99	0.158	Inf	21.99
1717.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.99	0.251	1	22.13	0.163	Inf	22.13
1717.5MHz_16QAM_RB 1,#RB 37	Pass	1.86	24.19	0.262	1	22.33	0.171	Inf	22.33
1717.5MHz_16QAM_RB 1,#RB 74	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1717.5MHz_16QAM_RB 36,#RB 0	Pass	1.86	22.89	0.195	1	21.03	0.127	Inf	21.03
1717.5MHz_16QAM_RB 36,#RB 20	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1717.5MHz_16QAM_RB 36,#RB 39	Pass	1.86	22.83	0.192	1	20.97	0.125	Inf	20.97
1717.5MHz_16QAM_RB 75,#RB 0	Pass	1.86	22.88	0.194	1	21.02	0.126	Inf	21.02
1732.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.97	0.249	1	22.11	0.163	Inf	22.11
1732.5MHz_16QAM_RB 1,#RB 37	Pass	1.86	24.25	0.266	1	22.39	0.173	Inf	22.39
1732.5MHz_16QAM_RB 1,#RB 74	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1732.5MHz_16QAM_RB 36,#RB 0	Pass	1.86	22.91	0.195	1	21.05	0.127	Inf	21.05
1732.5MHz_16QAM_RB 36,#RB 20	Pass	1.86	22.91	0.195	1	21.05	0.127	Inf	21.05
1732.5MHz_16QAM_RB 36,#RB 39	Pass	1.86	22.89	0.195	1	21.03	0.127	Inf	21.03
1732.5MHz_16QAM_RB 75,#RB 0	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1747.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	24.02	0.252	1	22.16	0.164	Inf	22.16
1747.5MHz_16QAM_RB 1,#RB 37	Pass	1.86	24.22	0.264	1	22.36	0.172	Inf	22.36
1747.5MHz_16QAM_RB 1,#RB 74	Pass	1.86	23.87	0.244	1	22.01	0.159	Inf	22.01
1747.5MHz_16QAM_RB 36,#RB 0	Pass	1.86	22.86	0.193	1	21.00	0.126	Inf	21.00
1747.5MHz_16QAM_RB 36,#RB 20	Pass	1.86	22.88	0.194	1	21.02	0.126	Inf	21.02
1747.5MHz_16QAM_RB 36,#RB 39	Pass	1.86	22.81	0.191	1	20.95	0.124	Inf	20.95
1747.5MHz_16QAM_RB 75,#RB 0	Pass	1.86	22.86	0.193	1	21.00	0.126	Inf	21.00
Band 4_LTE_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1720MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.61	0.289	1	22.75	0.188	Inf	22.75
1720MHz_QPSK_RB 1,#RB 49	Pass	1.86	24.98	0.315	1	23.12	0.205	Inf	23.12
1720MHz_QPSK_RB 1,#RB 99	Pass	1.86	24.56	0.286	1	22.70	0.186	Inf	22.70
1720MHz_QPSK_RB 50,#RB 0	Pass	1.86	24.01	0.252	1	22.15	0.164	Inf	22.15
1720MHz_QPSK_RB 50,#RB 24	Pass	1.86	24.00	0.251	1	22.14	0.164	Inf	22.14
1720MHz_QPSK_RB 50,#RB 50	Pass	1.86	23.80	0.240	1	21.94	0.156	Inf	21.94
1720MHz_QPSK_RB 100,#RB 0	Pass	1.86	23.89	0.245	1	22.03	0.160	Inf	22.03
1732.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.60	0.288	1	22.74	0.188	Inf	22.74
1732.5MHz_QPSK_RB 1,#RB 49	Pass	1.86	24.99	0.316	1	23.13	0.206	Inf	23.13
1732.5MHz_QPSK_RB 1,#RB 99	Pass	1.86	24.56	0.286	1	22.70	0.186	Inf	22.70
1732.5MHz_QPSK_RB 50,#RB 0	Pass	1.86	24.00	0.251	1	22.14	0.164	Inf	22.14

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1732.5MHz_QPSK_RB 50,#RB 24	Pass	1.86	23.98	0.250	1	22.12	0.163	Inf	22.12
1732.5MHz_QPSK_RB 50,#RB 50	Pass	1.86	23.91	0.246	1	22.05	0.160	Inf	22.05
1732.5MHz_QPSK_RB 100,#RB 0	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1745MHz_QPSK_RB 1,#RB 0	Pass	1.86	24.57	0.286	1	22.71	0.187	Inf	22.71
1745MHz_QPSK_RB 1,#RB 49	Pass	1.86	24.96	0.313	1	23.10	0.204	Inf	23.10
1745MHz_QPSK_RB 1,#RB 99	Pass	1.86	24.52	0.283	1	22.66	0.185	Inf	22.66
1745MHz_QPSK_RB 50,#RB 0	Pass	1.86	23.86	0.243	1	22.00	0.158	Inf	22.00
1745MHz_QPSK_RB 50,#RB 24	Pass	1.86	23.95	0.248	1	22.09	0.162	Inf	22.09
1745MHz_QPSK_RB 50,#RB 50	Pass	1.86	23.80	0.240	1	21.94	0.156	Inf	21.94
1745MHz_QPSK_RB 100,#RB 0	Pass	1.86	23.80	0.240	1	21.94	0.156	Inf	21.94
1720MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.82	0.241	1	21.96	0.157	Inf	21.96
1720MHz_16QAM_RB 1,#RB 49	Pass	1.86	24.17	0.261	1	22.31	0.170	Inf	22.31
1720MHz_16QAM_RB 1,#RB 99	Pass	1.86	23.78	0.239	1	21.92	0.156	Inf	21.92
1720MHz_16QAM_RB 50,#RB 0	Pass	1.86	22.95	0.197	1	21.09	0.129	Inf	21.09
1720MHz_16QAM_RB 50,#RB 24	Pass	1.86	22.94	0.197	1	21.08	0.128	Inf	21.08
1720MHz_16QAM_RB 50,#RB 50	Pass	1.86	22.76	0.189	1	20.90	0.123	Inf	20.90
1720MHz_16QAM_RB 100,#RB 0	Pass	1.86	22.84	0.192	1	20.98	0.125	Inf	20.98
1732.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.79	0.239	1	21.93	0.156	Inf	21.93
1732.5MHz_16QAM_RB 1,#RB 49	Pass	1.86	24.19	0.262	1	22.33	0.171	Inf	22.33
1732.5MHz_16QAM_RB 1,#RB 99	Pass	1.86	23.81	0.240	1	21.95	0.157	Inf	21.95
1732.5MHz_16QAM_RB 50,#RB 0	Pass	1.86	22.96	0.198	1	21.10	0.129	Inf	21.10
1732.5MHz_16QAM_RB 50,#RB 24	Pass	1.86	22.94	0.197	1	21.08	0.128	Inf	21.08
1732.5MHz_16QAM_RB 50,#RB 50	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1732.5MHz_16QAM_RB 100,#RB 0	Pass	1.86	22.90	0.195	1	21.04	0.127	Inf	21.04
1745MHz_16QAM_RB 1,#RB 0	Pass	1.86	23.82	0.241	1	21.96	0.157	Inf	21.96
1745MHz_16QAM_RB 1,#RB 49	Pass	1.86	24.22	0.264	1	22.36	0.172	Inf	22.36
1745MHz_16QAM_RB 1,#RB 99	Pass	1.86	23.71	0.235	1	21.85	0.153	Inf	21.85
1745MHz_16QAM_RB 50,#RB 0	Pass	1.86	22.83	0.192	1	20.97	0.125	Inf	20.97
1745MHz_16QAM_RB 50,#RB 24	Pass	1.86	22.91	0.195	1	21.05	0.127	Inf	21.05
1745MHz_16QAM_RB 50,#RB 50	Pass	1.86	22.79	0.190	1	20.93	0.124	Inf	20.93
1745MHz_16QAM_RB 100,#RB 0	Pass	1.86	22.80	0.191	1	20.94	0.124	Inf	20.94

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

Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 4, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 19957						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
30.36	H	-68.19	-13.00	-55.19	-72.70	-48.80	-19.39
45.68	H	-69.22	-13.00	-56.22	-72.80	-52.35	-16.87
161.92	H	-77.12	-13.00	-64.12	-75.27	-70.84	-6.28
207.26	H	-70.26	-13.00	-57.26	-66.62	-67.48	-2.78
277.69	H	-74.21	-13.00	-61.21	-73.51	-72.89	-1.32
471.35	H	-72.78	-13.00	-59.78	-76.01	-71.32	-1.46
30.21	V	-66.31	-13.00	-53.31	-64.28	-46.88	-19.43
51.34	V	-67.34	-13.00	-54.34	-66.40	-51.41	-15.93
89.34	V	-69.21	-13.00	-56.21	-69.15	-64.13	-5.08
168.26	V	-70.29	-13.00	-57.29	-73.12	-64.50	-5.79
202.29	V	-69.31	-13.00	-56.31	-68.51	-66.37	-2.94
418.00	V	-72.79	-13.00	-59.79	-76.47	-71.34	-1.45

Mode	LTE Band 4, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
30.25	H	-67.45	-13.00	-54.45	-71.97	-48.03	-19.42
45.86	H	-70.66	-13.00	-57.66	-74.20	-53.81	-16.85
162.48	H	-76.48	-13.00	-63.48	-74.60	-70.24	-6.24
206.45	H	-69.31	-13.00	-56.31	-65.62	-66.51	-2.80
277.41	H	-75.68	-13.00	-62.68	-74.97	-74.36	-1.32
472.26	H	-72.64	-13.00	-59.64	-75.88	-71.18	-1.46
30.09	V	-65.26	-13.00	-52.26	-63.22	-45.80	-19.46
51.59	V	-68.49	-13.00	-55.49	-67.49	-52.61	-15.88
89.58	V	-70.95	-13.00	-57.95	-70.93	-65.92	-5.03
169.34	V	-69.48	-13.00	-56.48	-72.25	-63.77	-5.71
203.15	V	-68.46	-13.00	-55.46	-67.67	-65.55	-2.91
417.26	V	-72.16	-13.00	-59.16	-75.82	-70.71	-1.45

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

Mode	LTE Band 4, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 19975						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
30.28	H	-69.46	-13.00	-56.46	-73.98	-50.05	-19.41
45.86	H	-70.55	-13.00	-57.55	-74.09	-53.70	-16.85
162.15	H	-75.86	-13.00	-62.86	-74.00	-69.60	-6.26
205.84	H	-71.28	-13.00	-58.28	-67.55	-68.46	-2.82
277.46	H	-73.25	-13.00	-60.25	-72.54	-71.93	-1.32
472.46	H	-71.68	-13.00	-58.68	-74.92	-70.22	-1.46
30.34	V	-65.43	-13.00	-52.43	-63.41	-46.03	-19.40
51.65	V	-66.29	-13.00	-53.29	-65.28	-50.42	-15.87
89.15	V	-70.35	-13.00	-57.35	-70.27	-65.23	-5.12
169.31	V	-69.22	-13.00	-56.22	-71.99	-63.51	-5.71
203.54	V	-70.48	-13.00	-57.48	-69.69	-67.58	-2.90
418.65	V	-73.21	-13.00	-60.21	-76.91	-71.76	-1.45

Mode	LTE Band 4, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
30.18	H	-68.64	-13.00	-55.64	-73.17	-49.20	-19.44
45.42	H	-69.95	-13.00	-56.95	-73.59	-53.04	-16.91
162.21	H	-76.48	-13.00	-63.48	-74.62	-70.22	-6.26
206.42	H	-69.31	-13.00	-56.31	-65.62	-66.51	-2.80
277.43	H	-74.95	-13.00	-61.95	-74.24	-73.63	-1.32
472.15	H	-71.44	-13.00	-58.44	-74.68	-69.98	-1.46
30.47	V	-67.29	-13.00	-54.29	-65.28	-47.95	-19.34
51.64	V	-68.49	-13.00	-55.49	-67.48	-52.62	-15.87
89.12	V	-70.42	-13.00	-57.42	-70.34	-65.29	-5.13
168.34	V	-69.43	-13.00	-56.43	-72.26	-63.64	-5.79
203.10	V	-70.68	-13.00	-57.68	-69.88	-67.76	-2.92
419.56	V	-71.65	-13.00	-58.65	-75.38	-70.20	-1.45

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

Mode	LTE Band 4, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 20025						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
30.55	H	-69.18	-13.00	-56.18	-73.68	-49.83	-19.35
45.85	H	-70.46	-13.00	-57.46	-74.00	-53.61	-16.85
160.46	H	-76.49	-13.00	-63.49	-74.71	-70.10	-6.39
206.45	H	-69.58	-13.00	-56.58	-65.89	-66.78	-2.80
277.42	H	-72.31	-13.00	-59.31	-71.60	-70.99	-1.32
472.65	H	-71.63	-13.00	-58.63	-74.87	-70.17	-1.46
30.38	V	-65.49	-13.00	-52.49	-63.47	-46.10	-19.39
51.58	V	-66.58	-13.00	-53.58	-65.58	-50.70	-15.88
89.12	V	-68.23	-13.00	-55.23	-68.15	-63.10	-5.13
167.58	V	-70.68	-13.00	-57.68	-73.56	-64.83	-5.85
203.51	V	-70.67	-13.00	-57.67	-69.88	-67.77	-2.90
418.46	V	-73.62	-13.00	-60.62	-77.31	-72.17	-1.45

Mode	LTE Band 4, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
30.18	H	-67.45	-13.00	-54.45	-71.98	-48.01	-19.44
45.58	H	-70.33	-13.00	-57.33	-73.93	-53.44	-16.89
162.40	H	-75.84	-13.00	-62.84	-73.97	-69.59	-6.25
208.31	H	-69.22	-13.00	-56.22	-65.65	-66.48	-2.74
277.25	H	-75.64	-13.00	-62.64	-74.93	-74.32	-1.32
471.56	H	-71.31	-13.00	-58.31	-74.55	-69.85	-1.46
30.16	V	-67.21	-13.00	-54.21	-65.17	-47.77	-19.44
51.34	V	-67.95	-13.00	-54.95	-67.01	-52.02	-15.93
89.54	V	-70.18	-13.00	-57.18	-70.15	-65.14	-5.04
167.21	V	-69.33	-13.00	-56.33	-72.23	-63.46	-5.87
202.34	V	-67.48	-13.00	-54.48	-66.68	-64.54	-2.94
419.54	V	-73.21	-13.00	-60.21	-76.94	-71.76	-1.45

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

Test Result of Radiated Emissions above 1GHz

Mode	LTE Band 4, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 19957						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3421.40	H	-48.54	-13.00	-35.54	-59.54	-54.99	6.45
5132.10	H	-36.46	-13.00	-23.46	-52.39	-41.89	5.43
6842.80	H	-48.28	-13.00	-35.28	-67.23	-52.37	4.09
3421.40	V	-52.79	-13.00	-39.79	-63.78	-59.24	6.45
5132.10	V	-31.54	-13.00	-18.54	-47.25	-36.97	5.43
6842.80	V	-44.63	-13.00	-31.63	-63.56	-48.72	4.09

Mode	LTE Band 4, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3465.00	H	-47.94	-13.00	-34.94	-59.12	-54.27	6.33
5197.50	H	-36.24	-13.00	-23.24	-52.19	-41.64	5.40
6930.00	H	-48.06	-13.00	-35.06	-67.03	-51.92	3.86
3465.00	V	-52.91	-13.00	-39.91	-64.12	-59.24	6.33
5197.50	V	-31.30	-13.00	-18.30	-46.99	-36.70	5.40
6930.00	V	-44.05	-13.00	-31.05	-63.20	-47.91	3.86

Mode	LTE Band 4, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 20393						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3508.60	H	-48.27	-13.00	-35.27	-59.63	-54.48	6.21
5262.90	H	-36.48	-13.00	-23.48	-52.44	-42.02	5.54
7017.20	H	-47.87	-13.00	-34.87	-66.86	-51.47	3.60
3508.60	V	-52.44	-13.00	-39.44	-63.85	-58.65	6.21
5262.90	V	-30.77	-13.00	-17.77	-46.57	-36.31	5.54
7017.20	V	-43.52	-13.00	-30.52	-62.93	-47.12	3.60

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

Mode	LTE Band 4, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 19965						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3423.00	H	-48.43	-13.00	-35.43	-59.44	-54.88	6.45
5134.50	H	-36.32	-13.00	-23.32	-52.25	-41.75	5.43
6846.00	H	-48.68	-13.00	-35.68	-67.63	-52.76	4.08
3423.00	V	-52.54	-13.00	-39.54	-63.53	-58.99	6.45
5134.50	V	-31.40	-13.00	-18.40	-47.11	-36.83	5.43
6846.00	V	-44.30	-13.00	-31.30	-63.24	-48.38	4.08

Mode	LTE Band 4, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3423.00	H	-48.43	-13.00	-35.43	-59.44	-54.88	6.45
5134.50	H	-36.32	-13.00	-23.32	-52.25	-41.75	5.43
6846.00	H	-48.68	-13.00	-35.68	-67.63	-52.76	4.08
3423.00	V	-52.54	-13.00	-39.54	-63.53	-58.99	6.45
5134.50	V	-31.40	-13.00	-18.40	-47.11	-36.83	5.43
6846.00	V	-44.30	-13.00	-31.30	-63.24	-48.38	4.08

Mode	LTE Band 4, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 20385						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3507.00	H	-48.09	-13.00	-35.09	-59.44	-54.31	6.22
5260.50	H	-36.73	-13.00	-23.73	-52.69	-42.27	5.54
7014.00	H	-47.47	-13.00	-34.47	-66.45	-51.09	3.62
3507.00	V	-51.84	-13.00	-38.84	-63.25	-58.06	6.22
5260.50	V	-31.07	-13.00	-18.07	-46.87	-36.61	5.54
7014.00	V	-43.06	-13.00	-30.06	-62.45	-46.68	3.62

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

Mode	LTE Band 4, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 19975						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3425.00	H	-48.55	-13.00	-35.55	-59.56	-54.99	6.44
5137.50	H	-36.72	-13.00	-23.72	-52.65	-42.15	5.43
6850.00	H	-47.87	-13.00	-34.87	-66.82	-51.94	4.07
3425.00	V	-53.24	-13.00	-40.24	-64.24	-59.68	6.44
5137.50	V	-30.83	-13.00	-17.83	-46.54	-36.26	5.43
6850.00	V	-44.62	-13.00	-31.62	-63.56	-48.69	4.07

Mode	LTE Band 4, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3465.00	H	-48.08	-13.00	-35.08	-59.26	-54.41	6.33
5197.50	H	-36.60	-13.00	-23.60	-52.55	-42.00	5.40
6930.00	H	-48.29	-13.00	-35.29	-67.26	-52.15	3.86
3465.00	V	-53.38	-13.00	-40.38	-64.59	-59.71	6.33
5197.50	V	-30.56	-13.00	-17.56	-46.25	-35.96	5.40
6930.00	V	-44.25	-13.00	-31.25	-63.40	-48.11	3.86

Mode	LTE Band 4, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 20375						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3505.00	H	-47.36	-13.00	-34.36	-58.70	-53.58	6.22
5257.50	H	-36.46	-13.00	-23.46	-52.42	-41.99	5.53
7010.00	H	-48.71	-13.00	-35.71	-67.69	-52.34	3.63
3505.00	V	-53.05	-13.00	-40.05	-64.45	-59.27	6.22
5257.50	V	-30.42	-13.00	-17.42	-46.21	-35.95	5.53
7010.00	V	-44.08	-13.00	-31.08	-63.45	-47.71	3.63

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

Mode	LTE Band 4, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 20000						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3430.00	H	-48.11	-13.00	-35.11	-59.14	-54.54	6.43
5145.00	H	-36.76	-13.00	-23.76	-52.69	-42.18	5.42
6860.00	H	-48.65	-13.00	-35.65	-67.61	-52.69	4.04
3430.00	V	-53.25	-13.00	-40.25	-64.28	-59.68	6.43
5145.00	V	-31.07	-13.00	-18.07	-46.78	-36.49	5.42
6860.00	V	-43.60	-13.00	-30.60	-62.57	-47.64	4.04

Mode	LTE Band 4, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 20275						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3465.00	H	-48.36	-13.00	-35.36	-59.54	-54.69	6.33
5197.50	H	-36.44	-13.00	-23.44	-52.39	-41.84	5.40
6930.00	H	-48.61	-13.00	-35.61	-67.58	-52.47	3.86
3465.00	V	-53.72	-13.00	-40.72	-64.93	-60.05	6.33
5197.50	V	-30.59	-13.00	-17.59	-46.28	-35.99	5.40
6930.00	V	-43.71	-13.00	-30.71	-62.86	-47.57	3.86

Mode	LTE Band 4, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 20350						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3500.00	H	-48.45	-13.00	-35.45	-59.77	-54.69	6.24
5250.00	H	-36.51	-13.00	-23.51	-52.47	-42.02	5.51
7000.00	H	-48.71	-13.00	-35.71	-67.69	-52.38	3.67
3500.00	V	-53.11	-13.00	-40.11	-64.49	-59.35	6.24
5250.00	V	-30.61	-13.00	-17.61	-46.39	-36.12	5.51
7000.00	V	-43.25	-13.00	-30.25	-62.57	-46.92	3.67

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

Mode	LTE Band 4, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 20025						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3435.00	H	-49.78	-13.00	-36.78	-60.84	-56.19	6.41
5152.50	H	-38.04	-13.00	-25.04	-53.97	-43.46	5.42
6870.00	H	-46.75	-13.00	-33.75	-65.70	-50.76	4.01
3435.00	V	-52.22	-13.00	-39.22	-63.28	-58.63	6.41
5152.50	V	-31.15	-13.00	-18.15	-46.85	-36.57	5.42
6870.00	V	-43.84	-13.00	-30.84	-62.83	-47.85	4.01

Mode	LTE Band 4, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3465.00	H	-48.57	-13.00	-35.57	-59.75	-54.90	6.33
5197.50	H	-36.75	-13.00	-23.75	-52.70	-42.15	5.40
6930.00	H	-47.78	-13.00	-34.78	-66.75	-51.64	3.86
3465.00	V	-53.38	-13.00	-40.38	-64.59	-59.71	6.33
5197.50	V	-30.19	-13.00	-17.19	-45.88	-35.59	5.40
6930.00	V	-44.43	-13.00	-31.43	-63.58	-48.29	3.86

Mode	LTE Band 4, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 20325						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3495.00	H	-49.11	-13.00	-36.11	-60.42	-55.36	6.25
5242.50	H	-36.19	-13.00	-23.19	-52.15	-41.69	5.50
6990.00	H	-46.81	-13.00	-33.81	-65.79	-50.51	3.70
3495.00	V	-52.63	-13.00	-39.63	-63.98	-58.88	6.25
5242.50	V	-30.40	-13.00	-17.40	-46.17	-35.90	5.50
6990.00	V	-43.84	-13.00	-30.84	-63.14	-47.54	3.70

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

Mode	LTE Band 4, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 20050						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3440.00	H	-46.61	-13.00	-33.61	-57.69	-53.01	6.40
5160.00	H	-35.83	-13.00	-22.83	-51.77	-41.25	5.42
6880.00	H	-46.97	-13.00	-33.97	-65.93	-50.96	3.99
3440.00	V	-51.63	-13.00	-38.63	-62.71	-58.03	6.40
5160.00	V	-28.77	-13.00	-15.77	-44.47	-34.19	5.42
6880.00	V	-43.43	-13.00	-30.43	-62.45	-47.42	3.99

Mode	LTE Band 4, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 20175						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3465.00	H	-47.24	-13.00	-34.24	-58.42	-53.57	6.33
5197.50	H	-35.53	-13.00	-22.53	-51.48	-40.93	5.40
6930.00	H	-47.31	-13.00	-34.31	-66.28	-51.17	3.86
3465.00	V	-52.21	-13.00	-39.21	-63.42	-58.54	6.33
5197.50	V	-29.59	-13.00	-16.59	-45.28	-34.99	5.40
6930.00	V	-43.60	-13.00	-30.60	-62.75	-47.46	3.86

Mode	LTE Band 4, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 20300						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
3490.00	H	-46.16	-13.00	-33.16	-57.45	-52.42	6.26
5235.00	H	-35.48	-13.00	-22.48	-51.44	-40.96	5.48
6980.00	H	-46.77	-13.00	-33.77	-65.75	-50.49	3.72
3490.00	V	-51.14	-13.00	-38.14	-62.48	-57.40	6.26
5235.00	V	-29.12	-13.00	-16.12	-44.87	-34.60	5.48
6980.00	V	-43.18	-13.00	-30.18	-62.45	-46.90	3.72

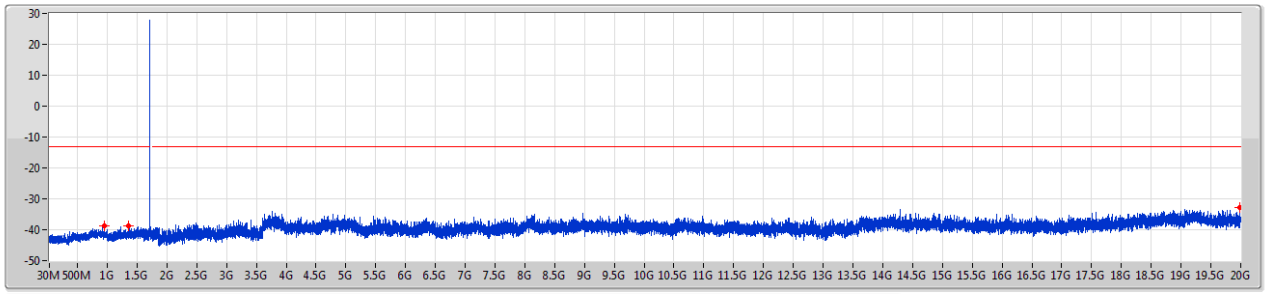
NOTE: EIRP = S.G power value + correction factor

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 4	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1.855G	20G	1M	3M	Peak	19.22612G	-32.48	-13.00	-19.48	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.855G	20G	1M	3M	Peak	19.21795G	-32.57	-13.00	-19.57	-	-
LTE_3MHz_Nss1,QPSK_1TX	Pass	1.855G	20G	1M	3M	Peak	19.20434G	-32.07	-13.00	-19.07	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	1.855G	20G	1M	3M	Peak	18.8115G	-31.81	-13.00	-18.81	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	1.855G	20G	1M	3M	Peak	19.13448G	-32.16	-13.00	-19.16	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.855G	20G	1M	3M	Peak	14.20086G	-31.85	-13.00	-18.85	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	1.855G	20G	1M	3M	Peak	19.34497G	-31.93	-13.00	-18.93	-	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	1.855G	20G	1M	3M	Peak	19.1744G	-31.68	-13.00	-18.68	-	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	1.855G	20G	1M	3M	Peak	19.22702G	-31.43	-13.00	-18.43	-	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	1.855G	20G	1M	3M	Peak	19.16805G	-31.44	-13.00	-18.44	-	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	1.855G	20G	1M	3M	Peak	19.09456G	-32.39	-13.00	-19.39	-	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	1.855G	20G	1M	3M	Peak	19.28781G	-32.26	-13.00	-19.26	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

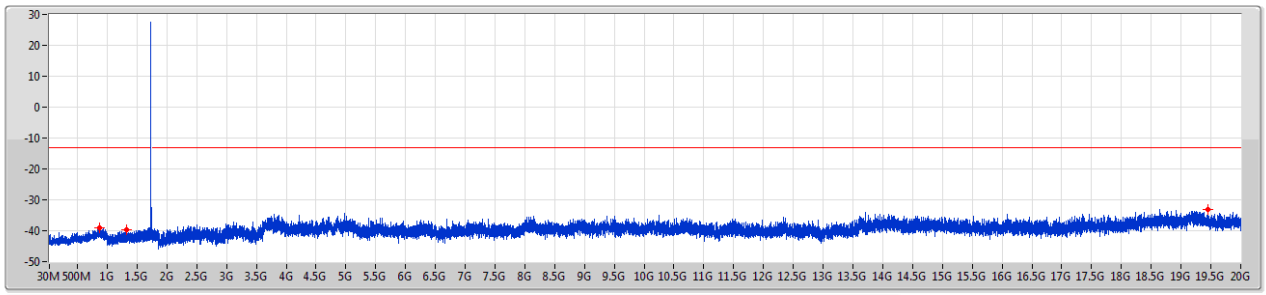
1710.7MHz_QPSK_RB 1,#RB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	954.41M	-38.67	-13.00	-25.67	-	-
1G	1.61G	1M	3M	Peak	1.36021G	-38.77	-13.00	-25.77	-	-
1.855G	20G	1M	3M	Peak	19.97641G	-32.90	-13.00	-19.90	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

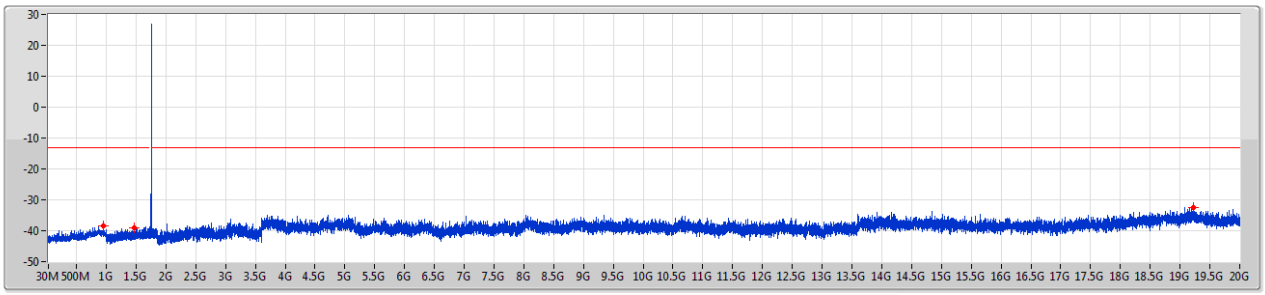
1732.5MHz_QPSK_RB 1,#RB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	874.87M	-39.14	-13.00	-26.14	-	-
1G	1.61G	1M	3M	Peak	1.33154G	-39.68	-13.00	-26.68	-	-
1.855G	20G	1M	3M	Peak	19.44386G	-33.06	-13.00	-20.06	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

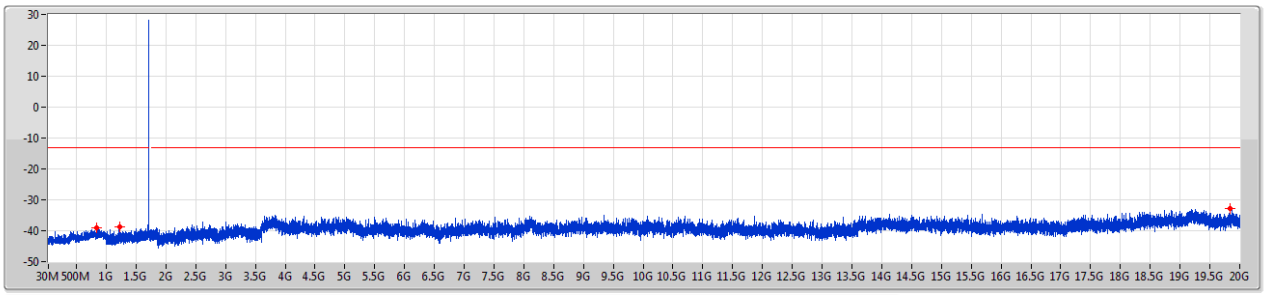
1754.3MHz_QPSK_RB 1,#RB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	944.71M	-38.43	-13.00	-25.43	-	-
1G	1.61G	1M	3M	Peak	1.47519G	-39.14	-13.00	-26.14	-	-
1.855G	20G	1M	3M	Peak	19.22612G	-32.48	-13.00	-19.48	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

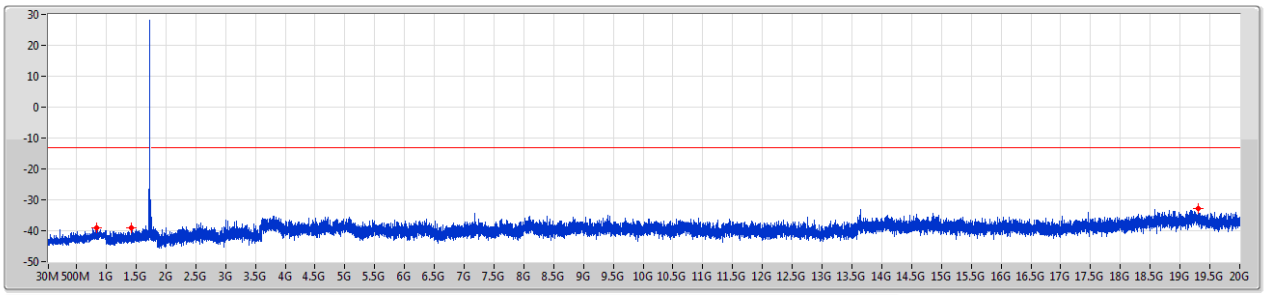
1710.7MHz_16QAM_RB 1,#RB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	838.01M	-39.19	-13.00	-26.19	-	-
1G	1.61G	1M	3M	Peak	1.22113G	-38.86	-13.00	-25.86	-	-
1.855G	20G	1M	3M	Peak	19.83942G	-32.81	-13.00	-19.81	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

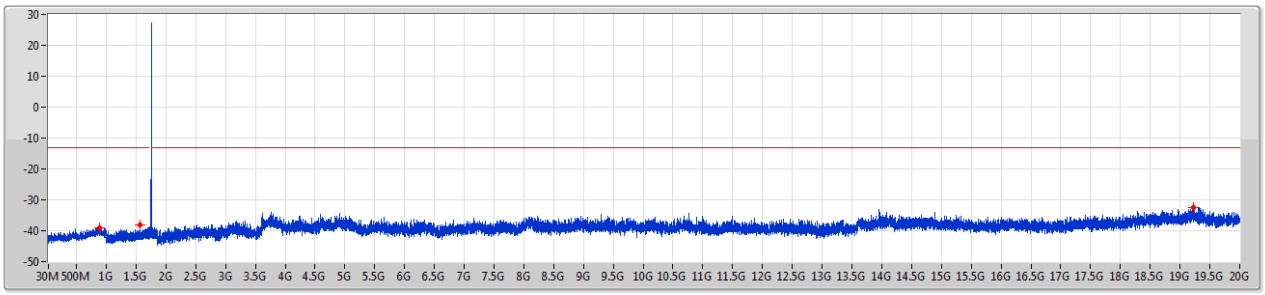
1732.5MHz_16QAM_RB 1,#RB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	842.86M	-39.17	-13.00	-26.17	-	-
1G	1.61G	1M	3M	Peak	1.42395G	-39.13	-13.00	-26.13	-	-
1.855G	20G	1M	3M	Peak	19.2996G	-32.90	-13.00	-19.90	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

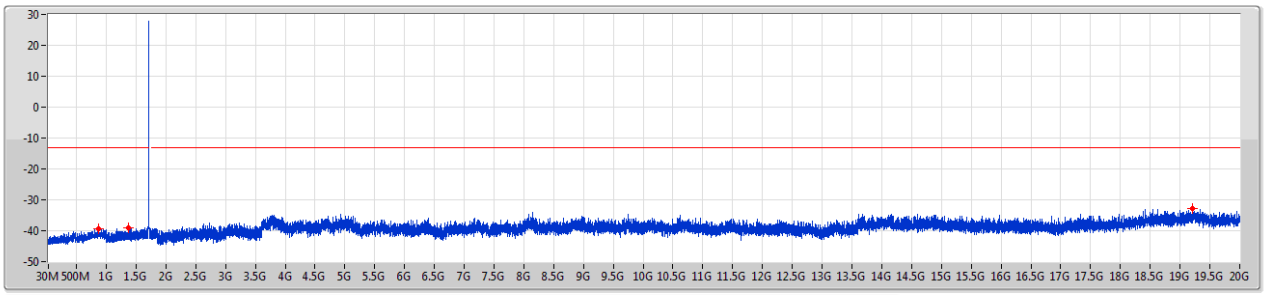
1754.3MHz_16QAM_RB 1,#RB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	879.72M	-38.96	-13.00	-25.96	-	-
1G	1.61G	1M	3M	Peak	1.56059G	-38.00	-13.00	-25.00	-	-
1.855G	20G	1M	3M	Peak	19.21795G	-32.57	-13.00	-19.57	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

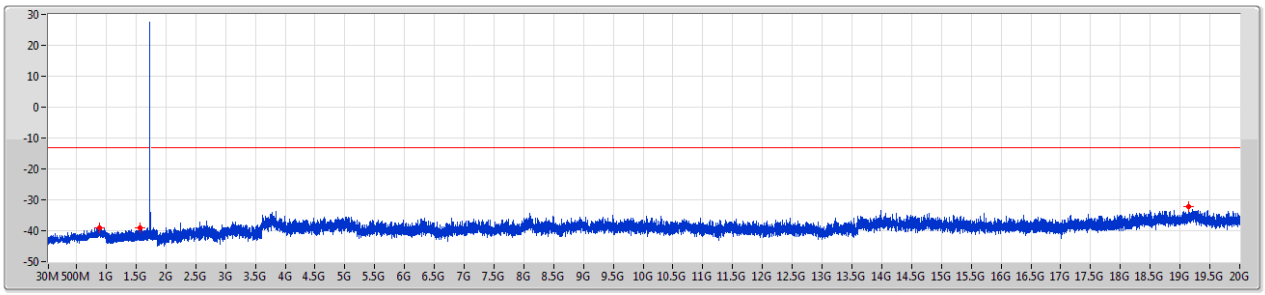
1711.5MHz_QPSK_RB 1,#RB 8



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	870.02M	-39.25	-13.00	-26.25	-	-
1G	1.61G	1M	3M	Peak	1.37729G	-39.17	-13.00	-26.17	-	-
1.855G	20G	1M	3M	Peak	19.20706G	-32.94	-13.00	-19.94	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

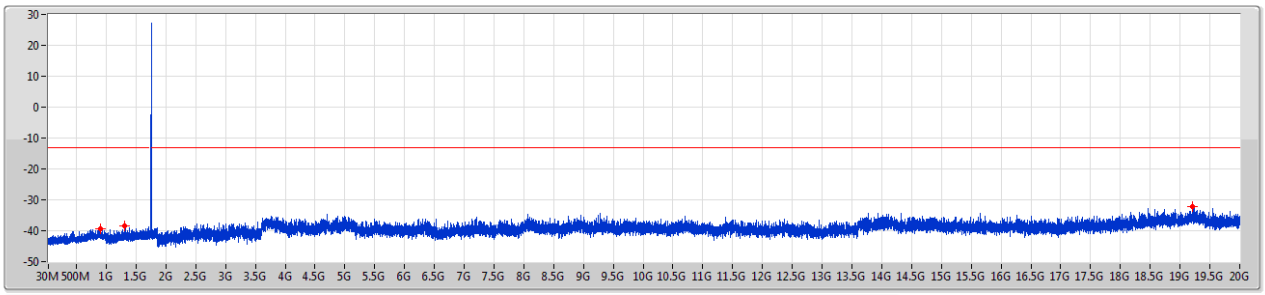
1732.5MHz_QPSK_RB 1,#RB 8



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	884.57M	-38.95	-13.00	-25.95	-	-
1G	1.61G	1M	3M	Peak	1.56944G	-39.06	-13.00	-26.06	-	-
1.855G	20G	1M	3M	Peak	19.14356G	-32.08	-13.00	-19.08	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

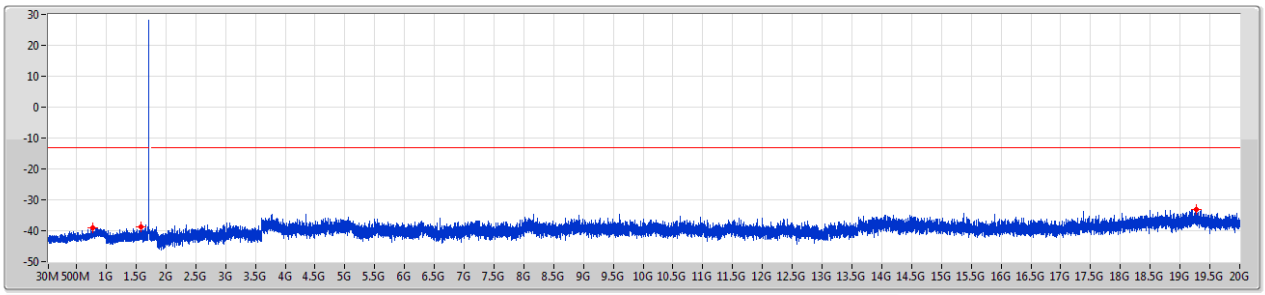
1753.5MHz_QPSK_RB 1,#RB 8



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	899.12M	-39.37	-13.00	-26.37	-	-
1G	1.61G	1M	3M	Peak	1.30805G	-38.39	-13.00	-25.39	-	-
1.855G	20G	1M	3M	Peak	19.20434G	-32.07	-13.00	-19.07	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

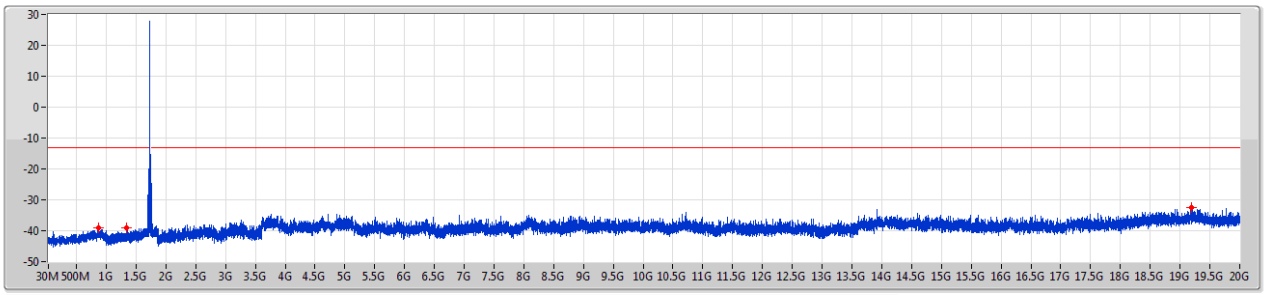
1711.5MHz_16QAM_RB 1,#RB 8



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	778.84M	-39.00	-13.00	-26.00	-	-
1G	1.61G	1M	3M	Peak	1.58682G	-38.85	-13.00	-25.85	-	-
1.855G	20G	1M	3M	Peak	19.27692G	-33.23	-13.00	-20.23	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

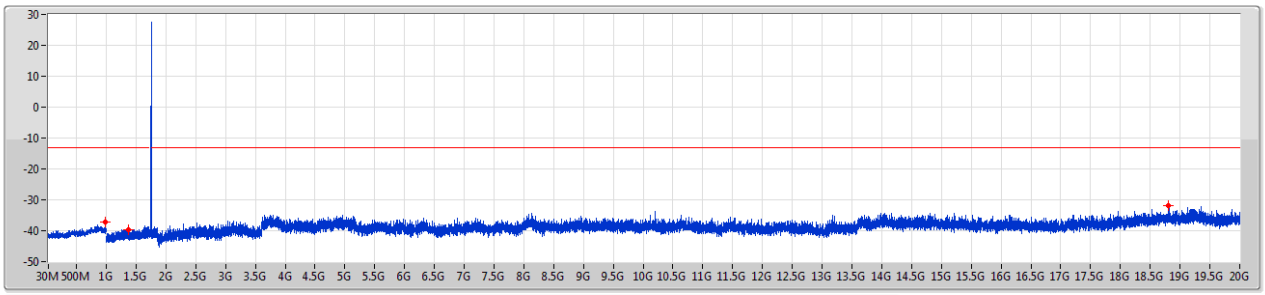
1732.5MHz_16QAM_RB 1,#RB 8



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	864.2M	-39.07	-13.00	-26.07	-	-
1G	1.61G	1M	3M	Peak	1.3355G	-39.16	-13.00	-26.16	-	-
1.855G	20G	1M	3M	Peak	19.19073G	-32.40	-13.00	-19.40	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

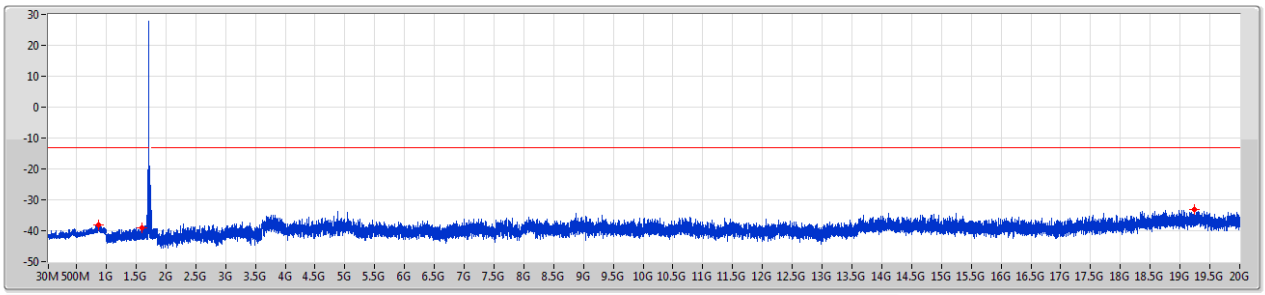
1753.5MHz_16QAM_RB 1,#RB 8



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	984.48M	-37.26	-13.00	-24.26	-	-
1G	1.61G	1M	3M	Peak	1.37912G	-39.57	-13.00	-26.57	-	-
1.855G	20G	1M	3M	Peak	18.8115G	-31.81	-13.00	-18.81	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

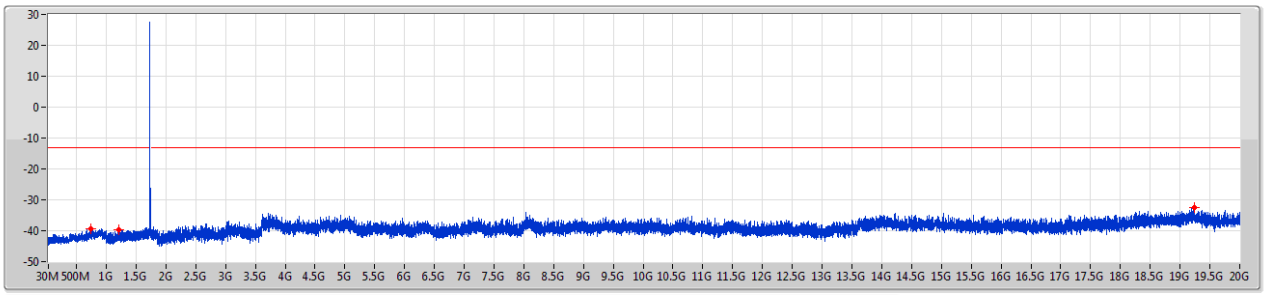
1712.5MHz_QPSK_RB 1,#RB 12



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	868.08M	-38.21	-13.00	-25.21	-	-
1G	1.61G	1M	3M	Peak	1.60299G	-38.99	-13.00	-25.99	-	-
1.855G	20G	1M	3M	Peak	19.24789G	-33.21	-13.00	-20.21	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

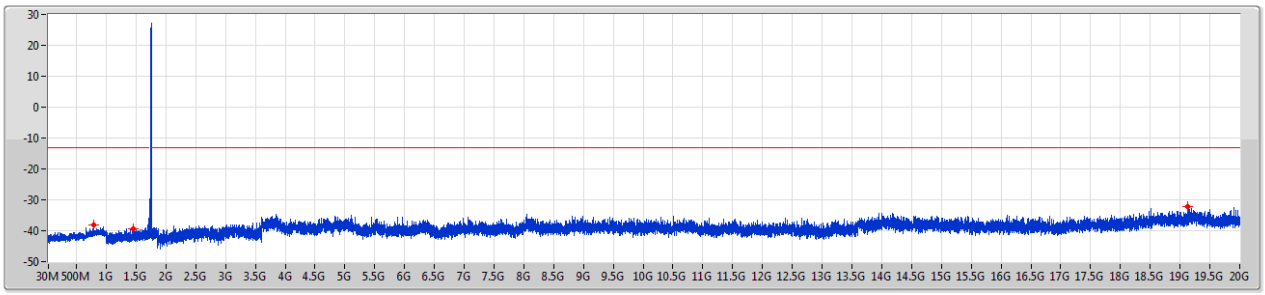
1732.5MHz_QPSK_RB 1,#RB 12



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	746.83M	-39.28	-13.00	-26.28	-	-
1G	1.61G	1M	3M	Peak	1.20771G	-39.65	-13.00	-26.65	-	-
1.855G	20G	1M	3M	Peak	19.24154G	-32.50	-13.00	-19.50	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

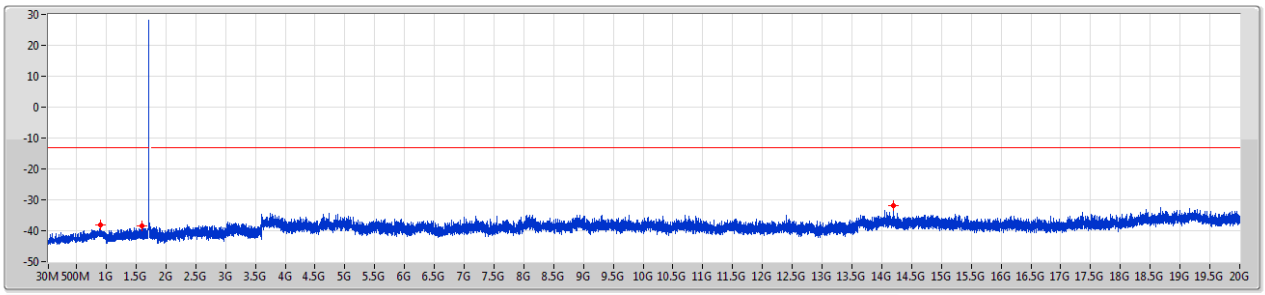
1752.5MHz_QPSK_RB 1,#RB 12



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	797.27M	-38.23	-13.00	-25.23	-	-
1G	1.61G	1M	3M	Peak	1.45537G	-39.41	-13.00	-26.41	-	-
1.855G	20G	1M	3M	Peak	19.13448G	-32.16	-13.00	-19.16	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

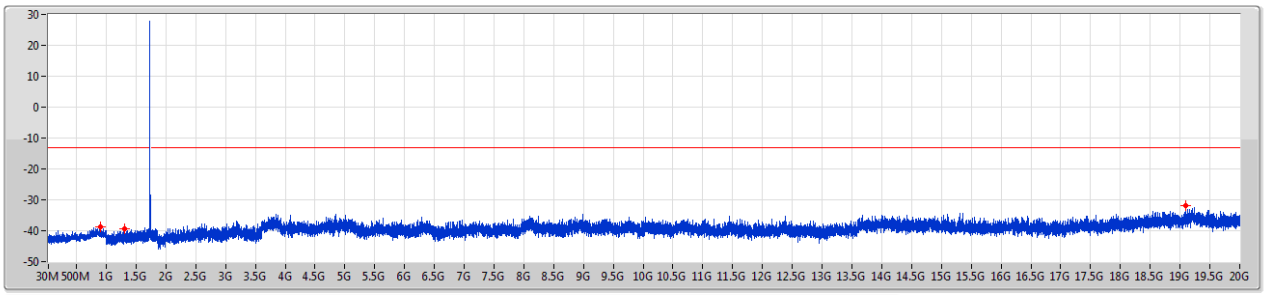
1712.5MHz_16QAM_RB 1,#RB 12



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	895.24M	-38.00	-13.00	-25.00	-	-
1G	1.61G	1M	3M	Peak	1.59506G	-38.51	-13.00	-25.51	-	-
1.855G	20G	1M	3M	Peak	14.20086G	-31.85	-13.00	-18.85	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

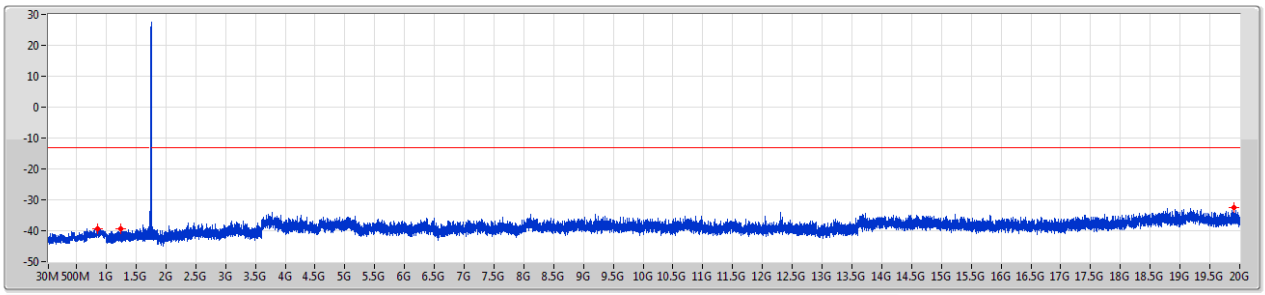
1732.5MHz_16QAM_RB 1,#RB 12



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	906.88M	-38.76	-13.00	-25.76	-	-
1G	1.61G	1M	3M	Peak	1.31385G	-39.47	-13.00	-26.47	-	-
1.855G	20G	1M	3M	Peak	19.0864G	-31.98	-13.00	-18.98	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

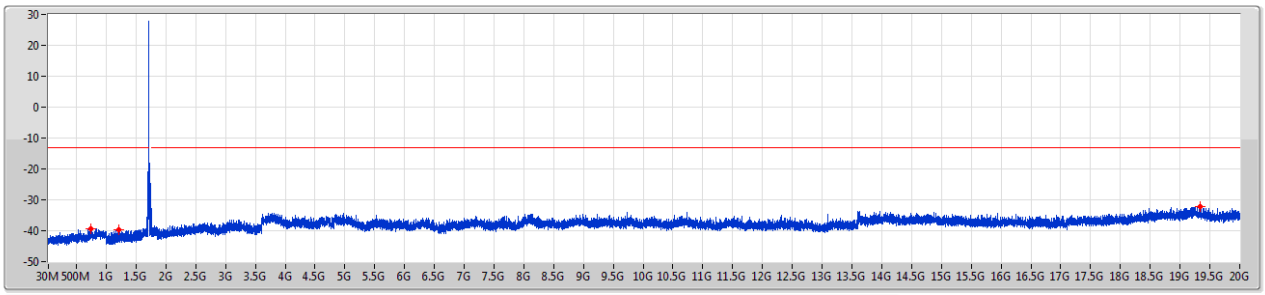
1752.5MHz_16QAM_RB 1,#RB 12



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	856.44M	-39.37	-13.00	-26.37	-	-
1G	1.61G	1M	3M	Peak	1.23943G	-39.49	-13.00	-26.49	-	-
1.855G	20G	1M	3M	Peak	19.89657G	-32.63	-13.00	-19.63	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

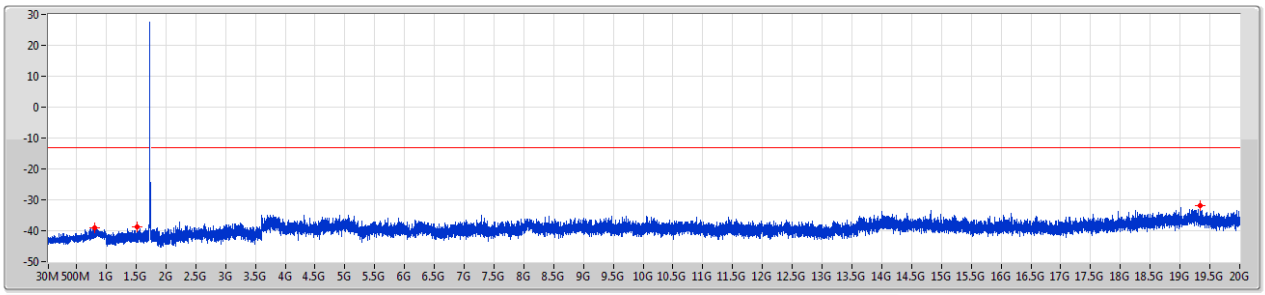
1715MHz_QPSK_RB 1,#RB 25



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	740.04M	-39.27	-13.00	-26.27	-	-
1G	1.61G	1M	3M	Peak	1.20283G	-39.73	-13.00	-26.73	-	-
1.855G	20G	1M	3M	Peak	19.33771G	-32.17	-13.00	-19.17	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

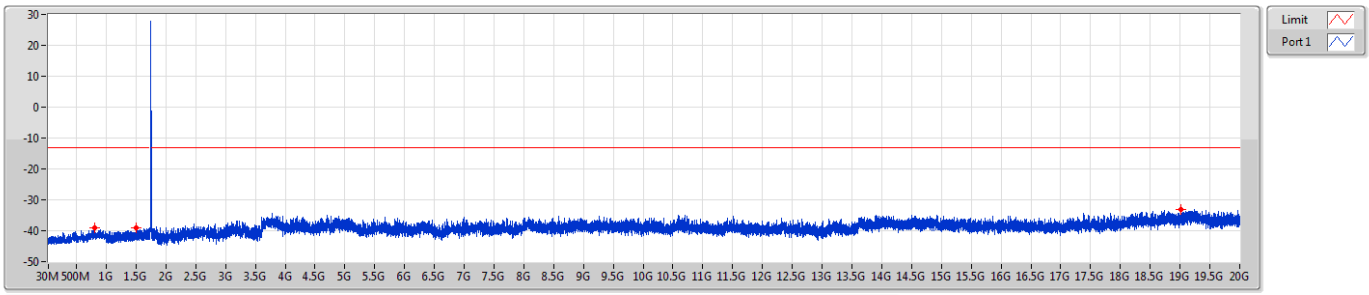
1732.5MHz_QPSK_RB 1,#RB 25



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	807.94M	-39.19	-13.00	-26.19	-	-
1G	1.61G	1M	3M	Peak	1.51576G	-38.73	-13.00	-25.73	-	-
1.855G	20G	1M	3M	Peak	19.34497G	-31.93	-13.00	-18.93	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

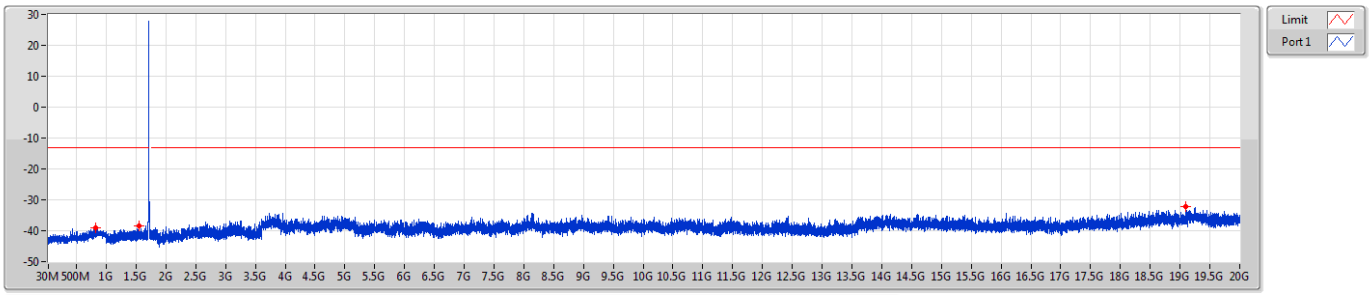
1750MHz_QPSK_RB 1,#RB 25



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	809.88M	-39.05	-13.00	-26.05	-	-
1G	1.61G	1M	3M	Peak	1.49929G	-39.20	-13.00	-26.20	-	-
1.855G	20G	1M	3M	Peak	19.01563G	-33.00	-13.00	-20.00	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

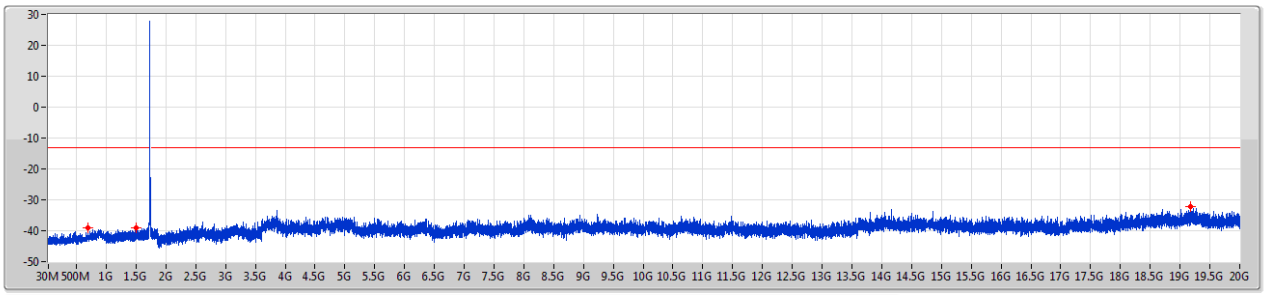
1715MHz_16QAM_RB 1,#RB 25



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	816.67M	-38.91	-13.00	-25.91	-	-
1G	1.61G	1M	3M	Peak	1.55205G	-38.47	-13.00	-25.47	-	-
1.855G	20G	1M	3M	Peak	19.10092G	-32.10	-13.00	-19.10	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

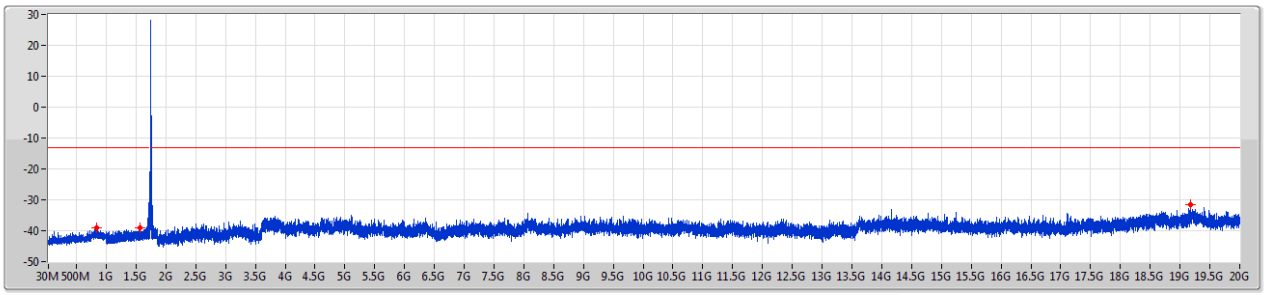
1732.5MHz_16QAM_RB 1,#RB 25



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	688.63M	-39.20	-13.00	-26.20	-	-
1G	1.61G	1M	3M	Peak	1.49685G	-39.19	-13.00	-26.19	-	-
1.855G	20G	1M	3M	Peak	19.17712G	-32.12	-13.00	-19.12	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

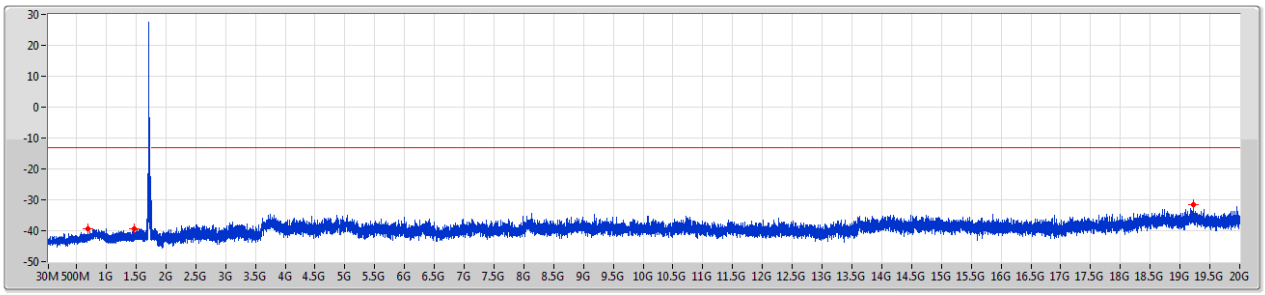
1750MHz_16QAM_RB 1,#RB 25



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	837.04M	-39.09	-13.00	-26.09	-	-
1G	1.61G	1M	3M	Peak	1.57371G	-38.92	-13.00	-25.92	-	-
1.855G	20G	1M	3M	Peak	19.1744G	-31.68	-13.00	-18.68	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

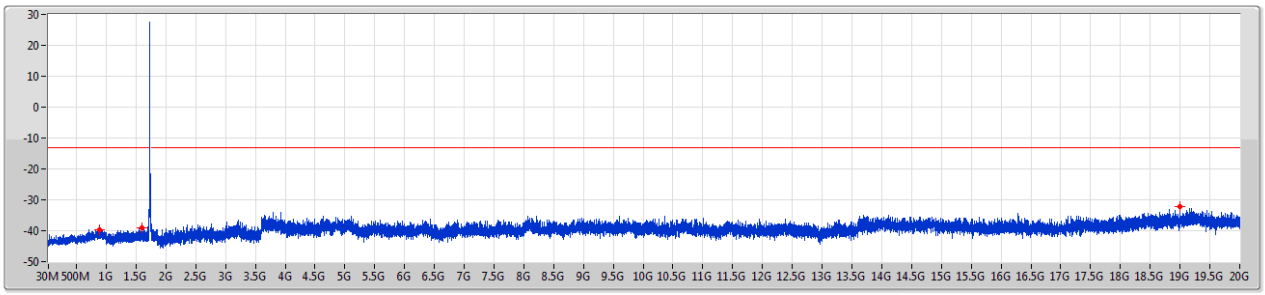
1717.5MHz_QPSK_RB 1,#RB 37



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	687.66M	-39.31	-13.00	-26.31	-	-
1G	1.61G	1M	3M	Peak	1.47245G	-39.30	-13.00	-26.30	-	-
1.855G	20G	1M	3M	Peak	19.22702G	-31.43	-13.00	-18.43	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

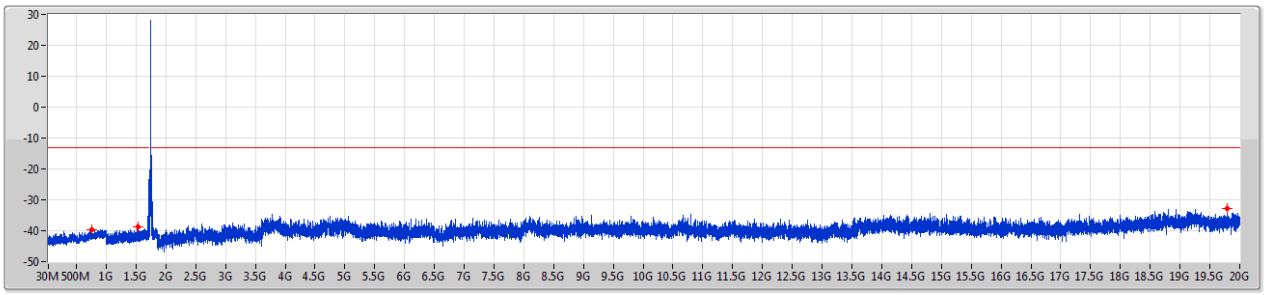
1732.5MHz_QPSK_RB 1,#RB 37



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	881.66M	-39.57	-13.00	-26.57	-	-
1G	1.61G	1M	3M	Peak	1.60085G	-39.08	-13.00	-26.08	-	-
1.855G	20G	1M	3M	Peak	18.99205G	-32.24	-13.00	-19.24	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

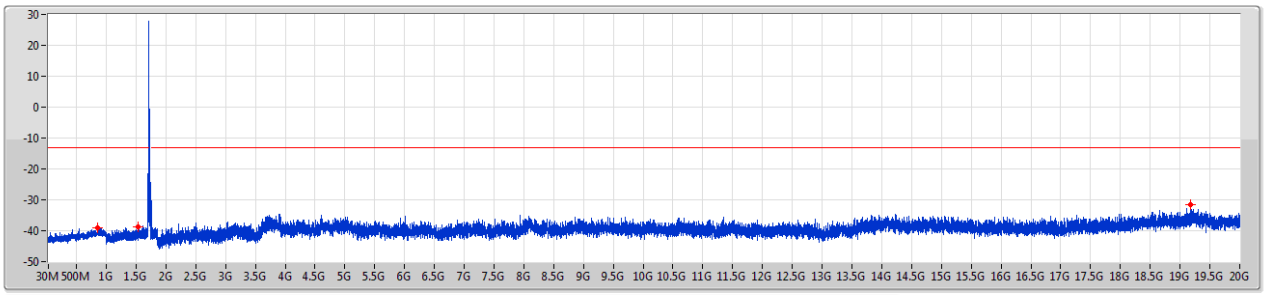
1747.5MHz_QPSK_RB 1,#RB 37



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	755.56M	-39.72	-13.00	-26.72	-	-
1G	1.61G	1M	3M	Peak	1.53528G	-38.87	-13.00	-25.87	-	-
1.855G	20G	1M	3M	Peak	19.79043G	-32.77	-13.00	-19.77	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

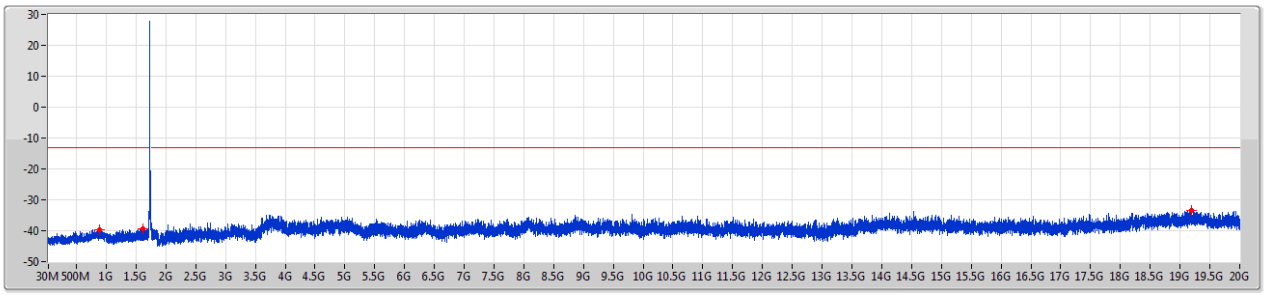
1717.5MHz_16QAM_RB 1,#RB 37



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	857.41M	-38.97	-13.00	-25.97	-	-
1G	1.61G	1M	3M	Peak	1.52796G	-38.75	-13.00	-25.75	-	-
1.855G	20G	1M	3M	Peak	19.16805G	-31.44	-13.00	-18.44	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

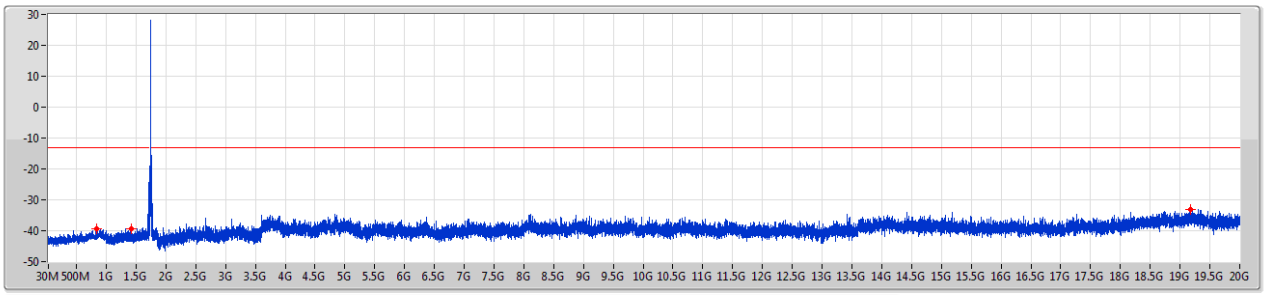
1732.5MHz_16QAM_RB 1,#RB 37



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	884.57M	-39.59	-13.00	-26.59	-	-
1G	1.61G	1M	3M	Peak	1.60909G	-39.52	-13.00	-26.52	-	-
1.855G	20G	1M	3M	Peak	19.19073G	-33.33	-13.00	-20.33	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

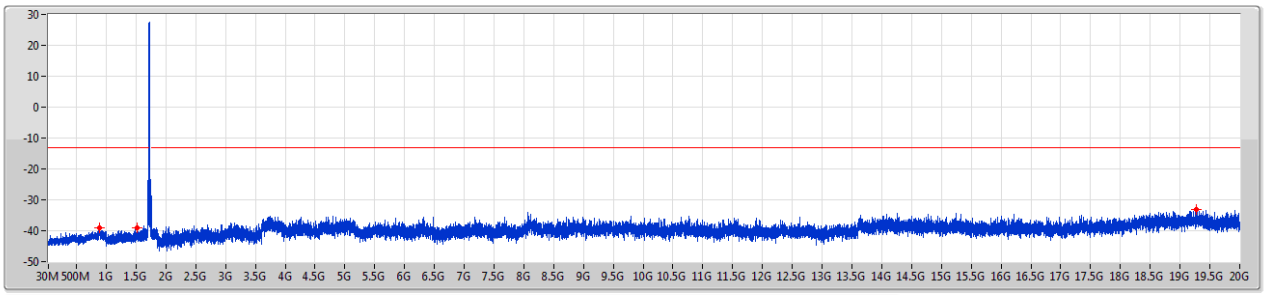
1747.5MHz_16QAM_RB 1,#RB 37



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	832.19M	-39.49	-13.00	-26.49	-	-
1G	1.61G	1M	3M	Peak	1.42792G	-39.25	-13.00	-26.25	-	-
1.855G	20G	1M	3M	Peak	19.18075G	-33.02	-13.00	-20.02	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

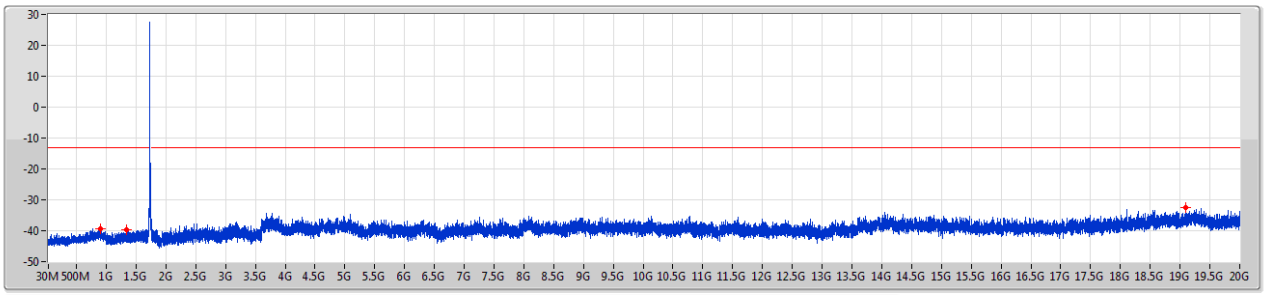
1720MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	884.57M	-39.19	-13.00	-26.19	-	-
1G	1.61G	1M	3M	Peak	1.51088G	-39.08	-13.00	-26.08	-	-
1.855G	20G	1M	3M	Peak	19.2742G	-33.26	-13.00	-20.26	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

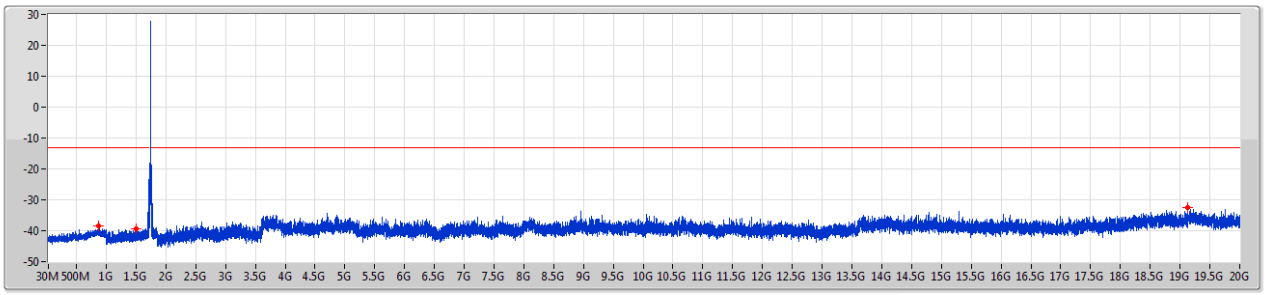
1732.5MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	895.24M	-39.47	-13.00	-26.47	-	-
1G	1.61G	1M	3M	Peak	1.3416G	-39.80	-13.00	-26.80	-	-
1.855G	20G	1M	3M	Peak	19.09456G	-32.39	-13.00	-19.39	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

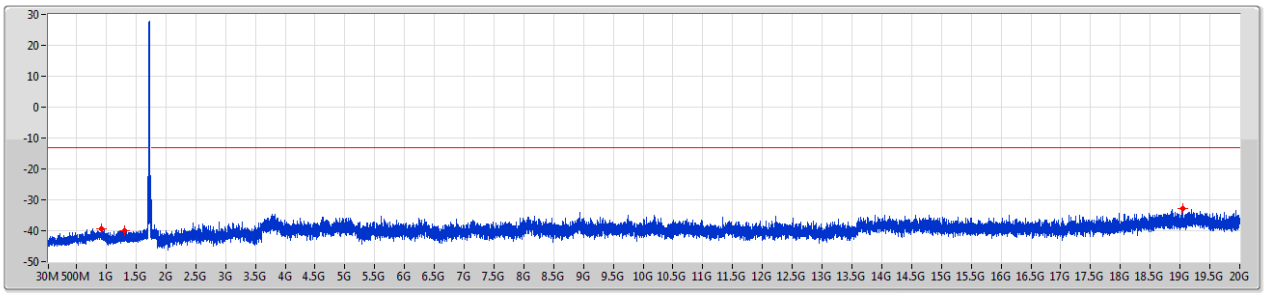
1745MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	876.81M	-38.56	-13.00	-25.56	-	-
1G	1.61G	1M	3M	Peak	1.50081G	-39.22	-13.00	-26.22	-	-
1.855G	20G	1M	3M	Peak	19.12541G	-32.60	-13.00	-19.60	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

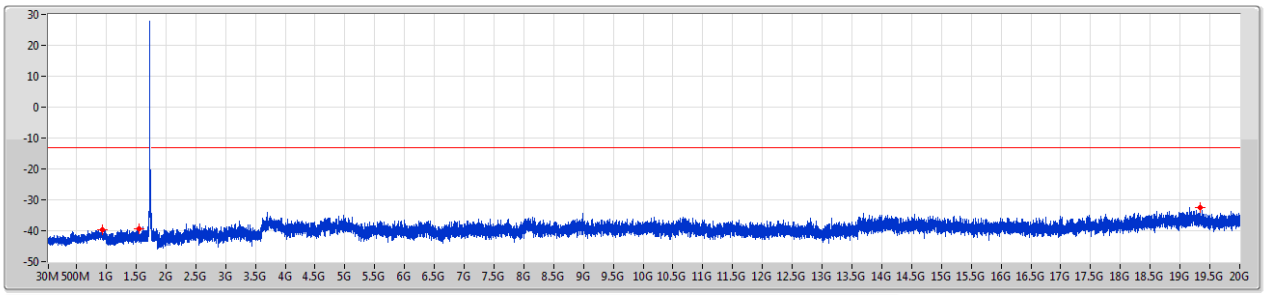
1720MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	927.25M	-39.35	-13.00	-26.35	-	-
1G	1.61G	1M	3M	Peak	1.30866G	-39.99	-13.00	-26.99	-	-
1.855G	20G	1M	3M	Peak	19.03832G	-32.93	-13.00	-19.93	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

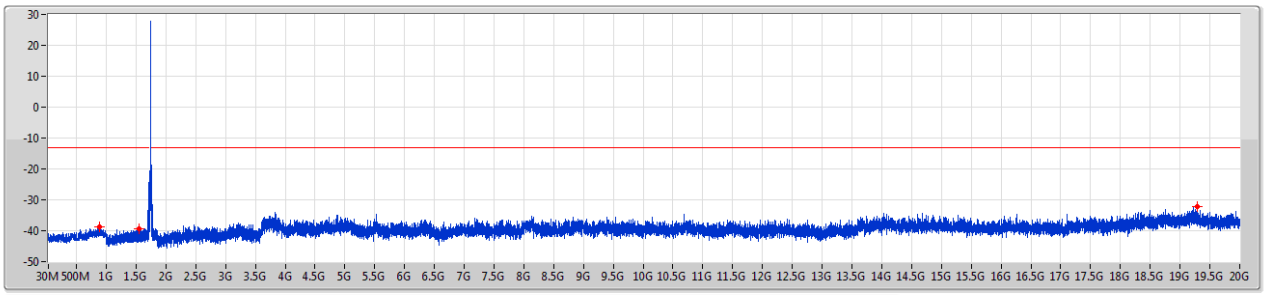
1732.5MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	938.89M	-39.56	-13.00	-26.56	-	-
1G	1.61G	1M	3M	Peak	1.55419G	-39.33	-13.00	-26.33	-	-
1.855G	20G	1M	3M	Peak	19.3368G	-32.57	-13.00	-19.57	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

1745MHz_16QAM_RB 1,#RB 49



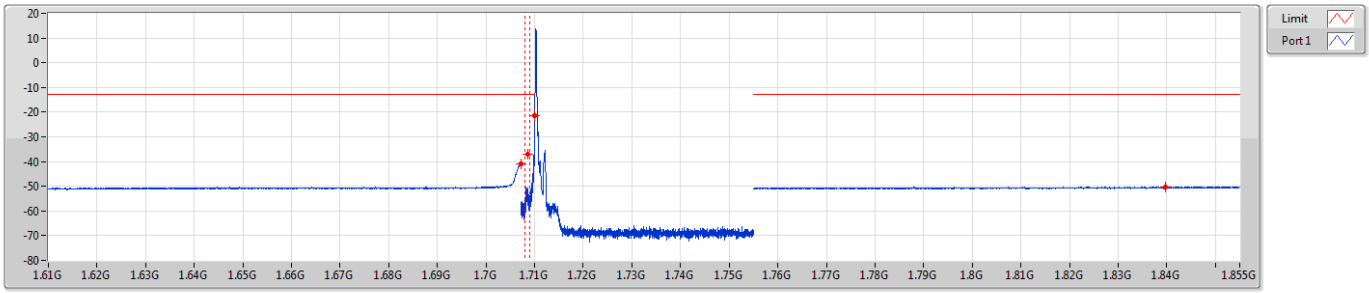
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	883.6M	-38.62	-13.00	-25.62	-	-
1G	1.61G	1M	3M	Peak	1.5551G	-39.43	-13.00	-26.43	-	-
1.855G	20G	1M	3M	Peak	19.28781G	-32.26	-13.00	-19.26	-	-

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 4	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1.755G	1.756G	15k	47k	RMS	1.755G	-20.35	-13.00	-7.35	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.709G	1.71G	15k	47k	RMS	1.71G	-19.86	-13.00	-6.86	-	-
LTE_3MHz_Nss1,QPSK_1TX	Pass	1.755G	1.756G	30k	100k	RMS	1.755G	-17.15	-13.00	-4.15	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	1.755G	1.756G	30k	100k	RMS	1.755G	-16.36	-13.00	-3.36	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	1.709G	1.71G	51k	160	RMS	1.71G	-18.35	-13.00	-5.35	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.709G	1.71G	51k	160	RMS	1.71G	-17.58	-13.00	-4.58	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	1.755G	1.756G	100k	300	RMS	1.755G	-20.57	-13.00	-7.57	-	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	1.755G	1.756G	100k	300	RMS	1.755G	-20.48	-13.00	-7.48	-	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	1.709G	1.71G	150k	470k	RMS	1.70999G	-21.74	-13.00	-8.74	-	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	1.709G	1.71G	150k	470k	RMS	1.71G	-22.46	-13.00	-9.46	-	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	1.755G	1.756G	200k	620	RMS	1.75501G	-25.31	-13.00	-12.31	-	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	1.755G	1.756G	200k	620	RMS	1.755G	-25.02	-13.00	-12.02	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

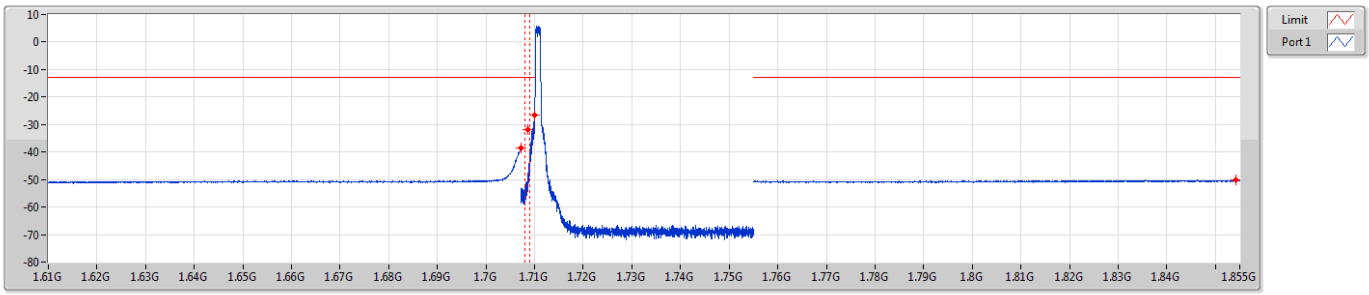
1710.7MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7072G	1M	3M	RMS	1.7072G	-40.97	-13.00	-27.97	-	-
1.7072G	1.709G	15k	47k	RMS	1.7085G	-36.84	-13.00	-23.84	MBW 1M	-
1.709G	1.71G	15k	47k	RMS	1.71G	-21.32	-13.00	-8.32	-	-
1.755G	1.855G	1M	3M	RMS	1.83975G	-50.25	-13.00	-37.25	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

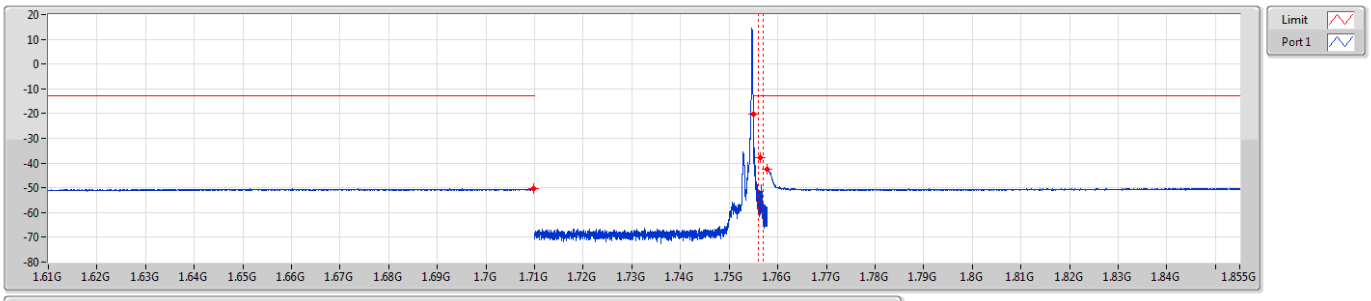
1710.7MHz_QPSK_RB 6,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7072G	1M	3M	RMS	1.70715G	-38.67	-13.00	-25.67	-	-
1.7072G	1.709G	15k	47k	RMS	1.7085G	-31.69	-13.00	-18.69	MBW 1M	-
1.709G	1.71G	15k	47k	RMS	1.71G	-26.45	-13.00	-13.45	-	-
1.755G	1.855G	1M	3M	RMS	1.8543G	-50.18	-13.00	-37.18	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

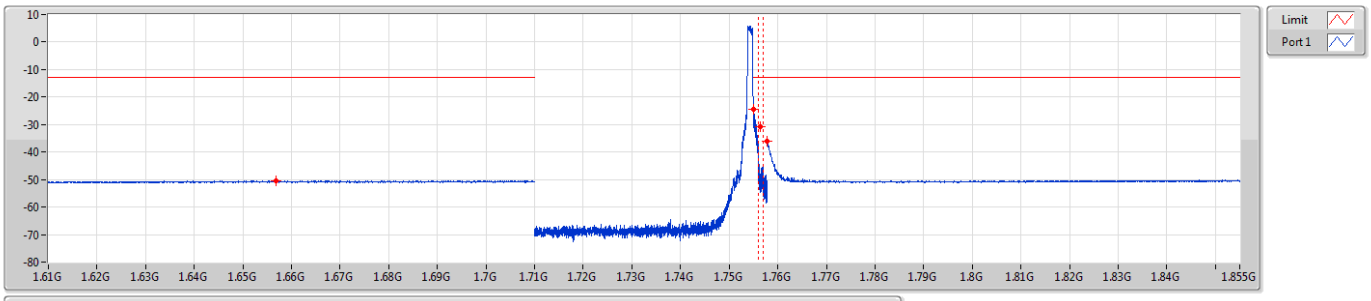
1754.3MHz_QPSK_RB 1,#RB 5



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7098G	-50.43	-13.00	-37.43	-	-
1.755G	1.756G	15k	47k	RMS	1.755G	-20.35	-13.00	-7.35	-	-
1.756G	1.7578G	15k	47k	RMS	1.7565G	-37.84	-13.00	-24.84	MBW 1M	-
1.7578G	1.855G	1M	3M	RMS	1.7578G	-42.56	-13.00	-29.56	-	-

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

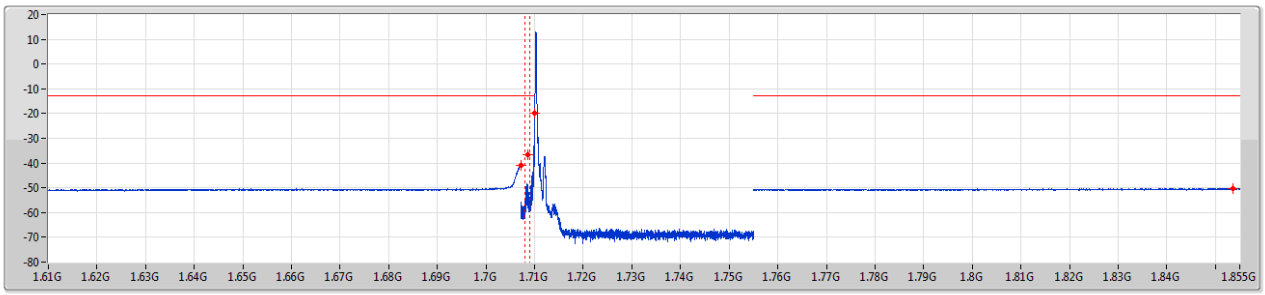
1754.3MHz_QPSK_RB 6,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.65675G	-50.44	-13.00	-37.44	-	-
1.755G	1.756G	15k	47k	RMS	1.75508G	-24.60	-13.00	-11.60	-	-
1.756G	1.7578G	15k	47k	RMS	1.7565G	-30.82	-13.00	-17.82	MBW 1M	-
1.7578G	1.855G	1M	3M	RMS	1.7578G	-36.02	-13.00	-23.02	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

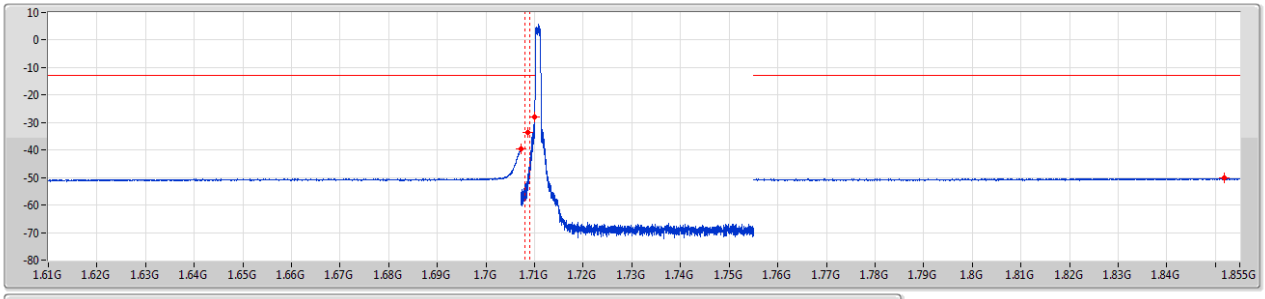
1710.7MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7072G	1M	3M	RMS	1.7072G	-41.01	-13.00	-28.01	-	-
1.7072G	1.709G	15k	47k	RMS	1.7085G	-36.68	-13.00	-23.68	MBW 1M	-
1.709G	1.71G	15k	47k	RMS	1.71G	-19.86	-13.00	-6.86	-	-
1.755G	1.855G	1M	3M	RMS	1.8536G	-50.28	-13.00	-37.28	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

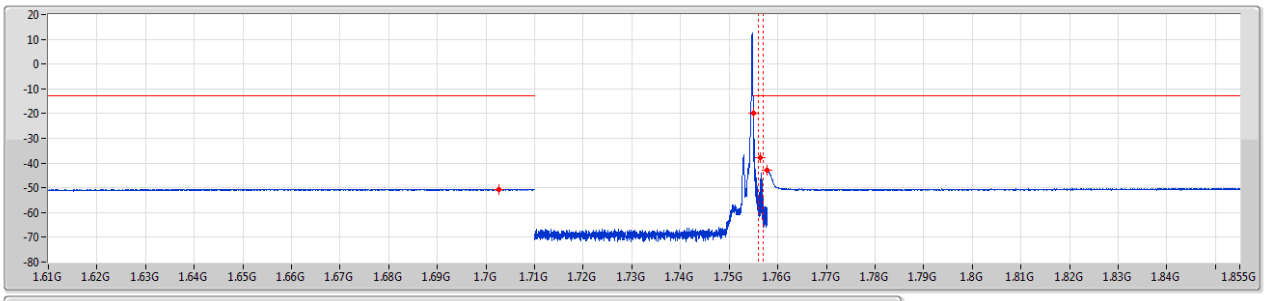
1710.7MHz_16QAM_RB 6,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7072G	1M	3M	RMS	1.7072G	-39.65	-13.00	-26.65	-	-
1.7072G	1.709G	15k	47k	RMS	1.7085G	-33.44	-13.00	-20.44	MBW 1M	-
1.709G	1.71G	15k	47k	RMS	1.70999G	-27.97	-13.00	-14.97	-	-
1.755G	1.855G	1M	3M	RMS	1.85175G	-50.18	-13.00	-37.18	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

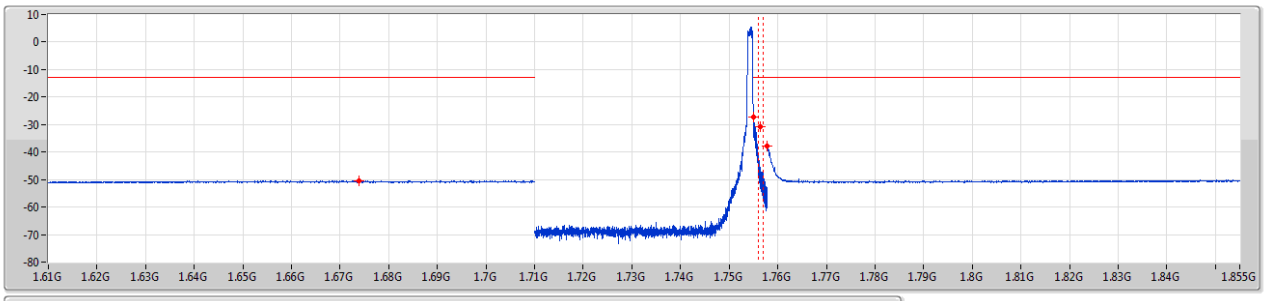
1754.3MHz_16QAM_RB 1,#RB 5



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7026G	-50.51	-13.00	-37.51	-	-
1.755G	1.756G	15k	47k	RMS	1.755G	-20.01	-13.00	-7.01	-	-
1.756G	1.7578G	15k	47k	RMS	1.7565G	-37.91	-13.00	-24.91	MBW 1M	-
1.7578G	1.855G	1M	3M	RMS	1.7578G	-42.73	-13.00	-29.73	-	-

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

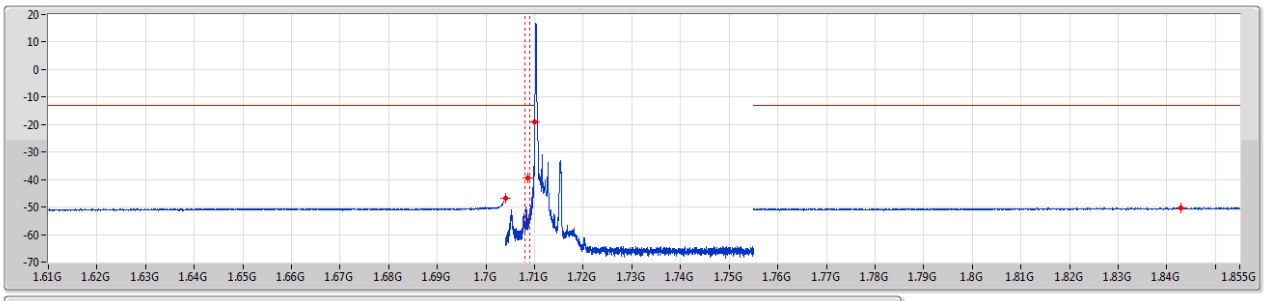
1754.3MHz_16QAM_RB 6,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.67385G	-50.51	-13.00	-37.51	-	-
1.755G	1.756G	15k	47k	RMS	1.75501G	-27.38	-13.00	-14.38	-	-
1.756G	1.7578G	15k	47k	RMS	1.7565G	-30.61	-13.00	-17.61	MBW 1M	-
1.7578G	1.855G	1M	3M	RMS	1.7578G	-37.85	-13.00	-24.85	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

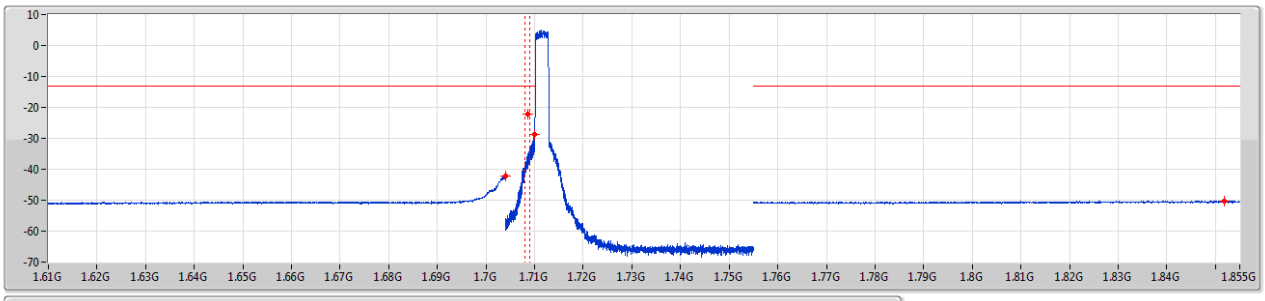
1711.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.704G	1M	3M	RMS	1.704G	-46.87	-13.00	-33.87	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-39.58	-13.00	-26.58	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-18.85	-13.00	-5.85	-	-
1.755G	1.855G	1M	3M	RMS	1.84285G	-50.30	-13.00	-37.30	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

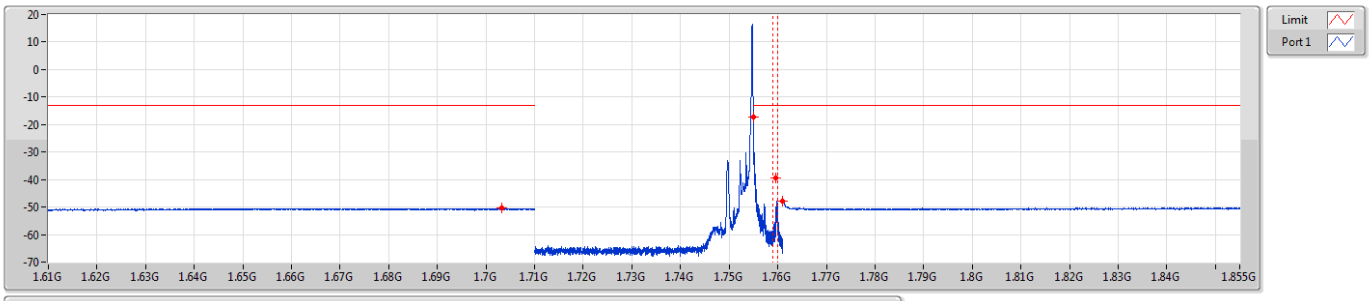
1711.5MHz_QPSK_RB 15,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.704G	1M	3M	RMS	1.704G	-42.24	-13.00	-29.24	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-22.22	-13.00	-9.22	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70998G	-28.68	-13.00	-15.68	-	-
1.755G	1.855G	1M	3M	RMS	1.85185G	-50.21	-13.00	-37.21	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

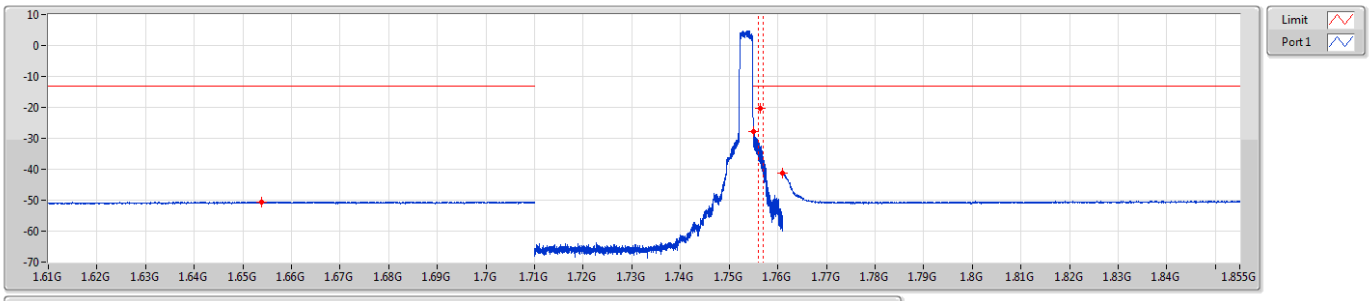
1753.5MHz_QPSK_RB 1,#RB 14



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7033G	-50.47	-13.00	-37.47	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-17.15	-13.00	-4.15	-	-
1.756G	1.761G	30k	100k	RMS	1.7595G	-39.57	-13.00	-26.57	MBW 1M	-
1.761G	1.855G	1M	3M	RMS	1.761G	-47.72	-13.00	-34.72	-	-

Band 4_LTE_3MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

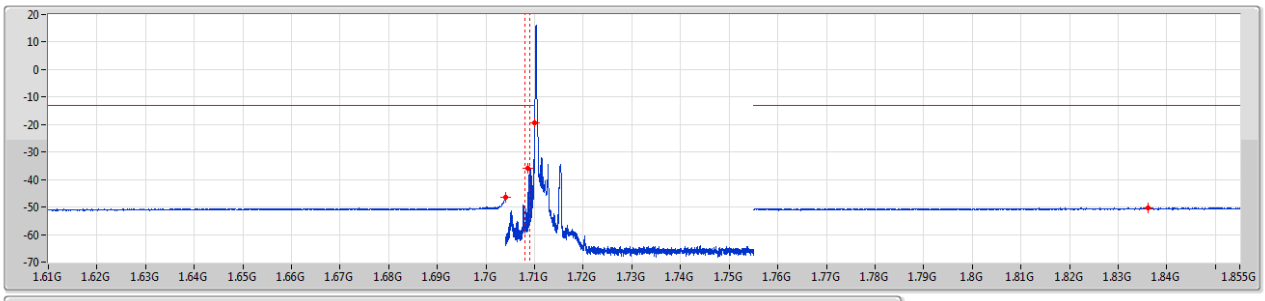
1753.5MHz_QPSK_RB 15,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.65385G	-50.49	-13.00	-37.49	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-27.92	-13.00	-14.92	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-20.46	-13.00	-7.46	MBW 1M	-
1.761G	1.855G	1M	3M	RMS	1.76105G	-41.16	-13.00	-28.16	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

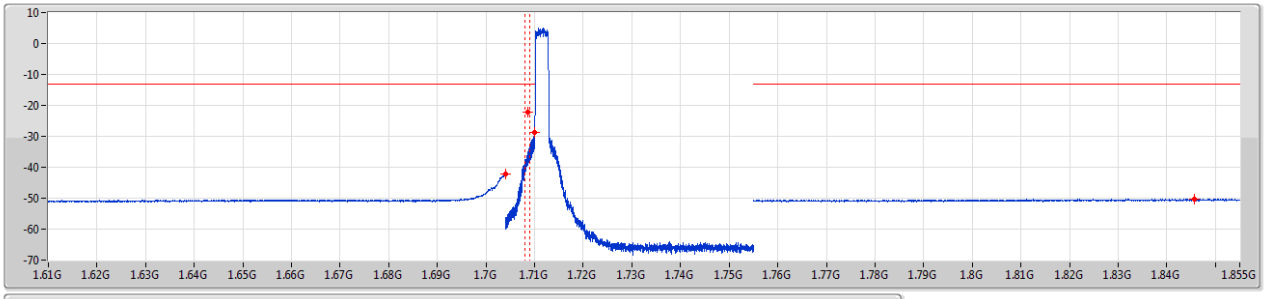
1711.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.704G	1M	3M	RMS	1.704G	-46.60	-13.00	-33.60	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-35.74	-13.00	-22.74	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-19.53	-13.00	-6.53	-	-
1.755G	1.855G	1M	3M	RMS	1.8362G	-50.28	-13.00	-37.28	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

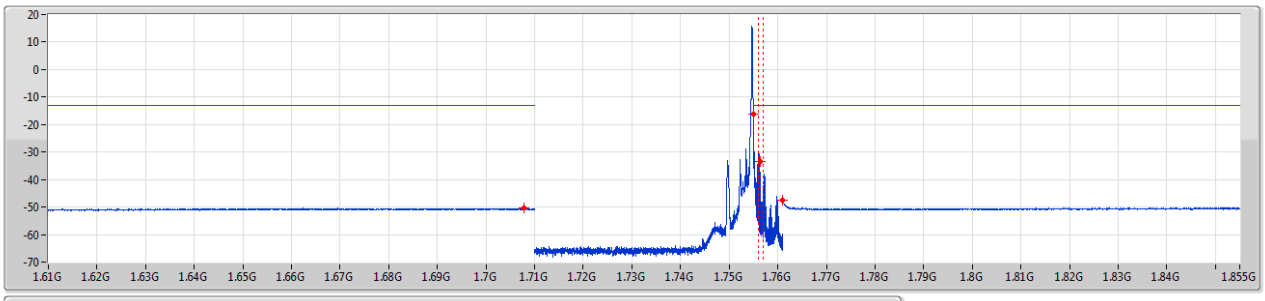
1711.5MHz_16QAM_RB 15,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.704G	1M	3M	RMS	1.704G	-42.27	-13.00	-29.27	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-22.18	-13.00	-9.18	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70999G	-28.90	-13.00	-15.90	-	-
1.755G	1.855G	1M	3M	RMS	1.84575G	-50.28	-13.00	-37.28	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

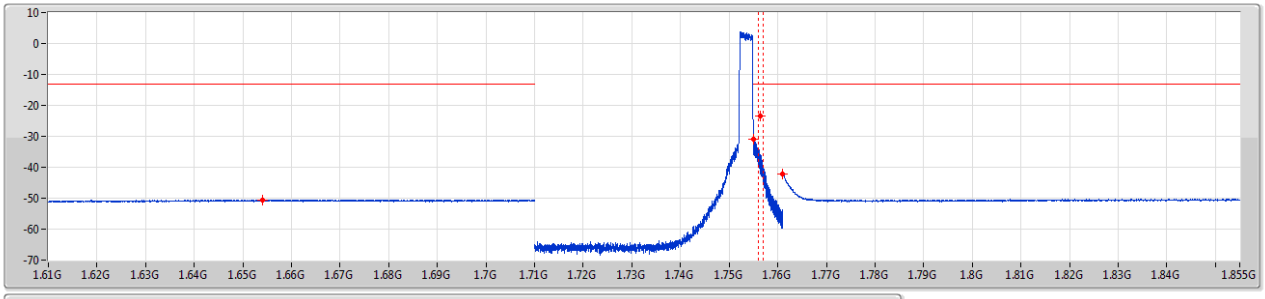
1753.5MHz_16QAM_RB 1,#RB 14



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.70785G	-50.46	-13.00	-37.46	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-16.36	-13.00	-3.36	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-33.30	-13.00	-20.30	MBW 1M	-
1.761G	1.855G	1M	3M	RMS	1.761G	-47.66	-13.00	-34.66	-	-

Band 4_LTE_3MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

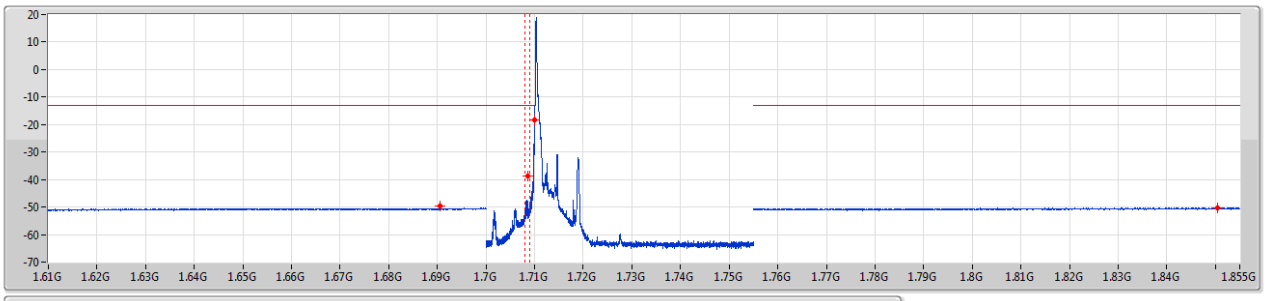
1753.5MHz_16QAM_RB 15,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.65405G	-50.50	-13.00	-37.50	-	-
1.755G	1.756G	30k	100k	RMS	1.75501G	-30.96	-13.00	-17.96	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-23.47	-13.00	-10.47	MBW 1M	-
1.761G	1.855G	1M	3M	RMS	1.761G	-42.27	-13.00	-29.27	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

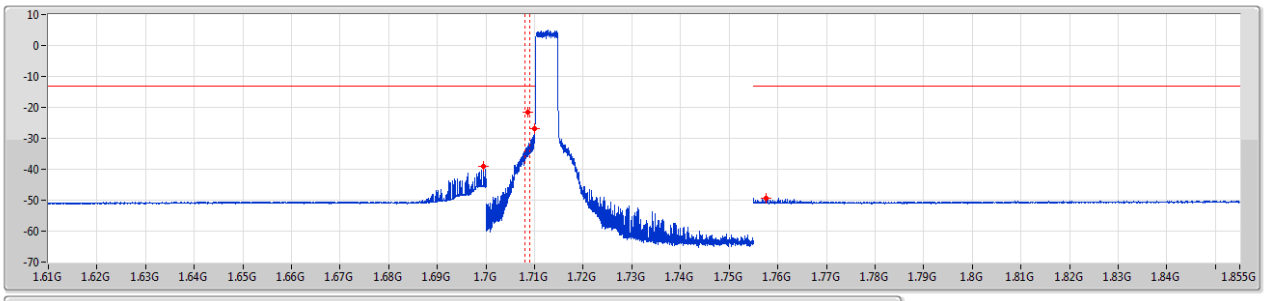
1712.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7G	1M	3M	RMS	1.6906G	-49.66	-13.00	-36.66	-	-
1.7G	1.709G	51k	160	RMS	1.7085G	-38.54	-13.00	-25.54	MBW 1M	-
1.709G	1.71G	51k	160	RMS	1.71G	-18.35	-13.00	-5.35	-	-
1.755G	1.855G	1M	3M	RMS	1.85035G	-50.19	-13.00	-37.19	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

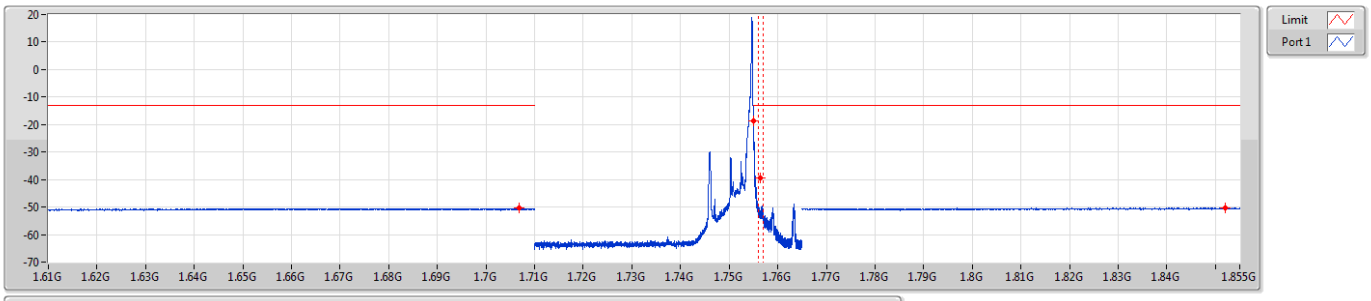
1712.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7G	1M	3M	RMS	1.69955G	-39.15	-13.00	-26.15	-	-
1.7G	1.709G	51k	160	RMS	1.7085G	-21.67	-13.00	-8.67	MBW 1M	-
1.709G	1.71G	51k	160	RMS	1.71G	-26.94	-13.00	-13.94	-	-
1.755G	1.855G	1M	3M	RMS	1.75765G	-49.30	-13.00	-36.30	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

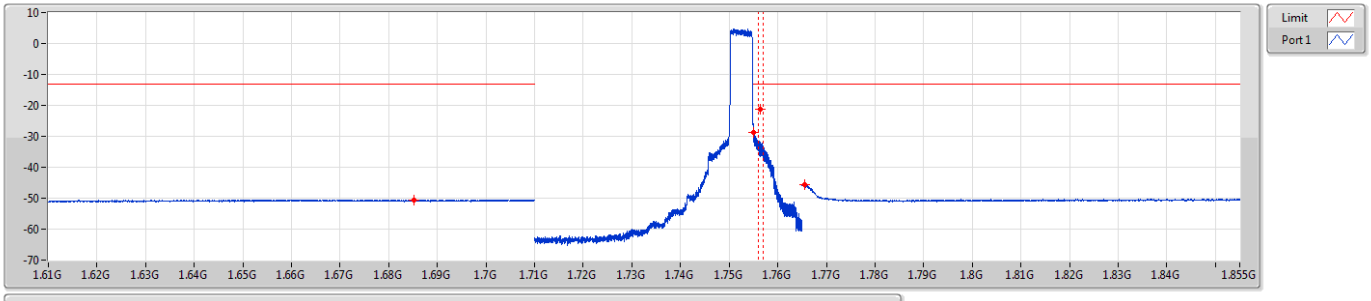
1752.5MHz_QPSK_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7069G	-50.47	-13.00	-37.47	-	-
1.755G	1.756G	51k	160	RMS	1.755G	-18.60	-13.00	-5.60	-	-
1.756G	1.765G	51k	160	RMS	1.7565G	-39.49	-13.00	-26.49	MBW 1M	-
1.765G	1.855G	1M	3M	RMS	1.85199G	-50.19	-13.00	-37.19	-	-

Band 4_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

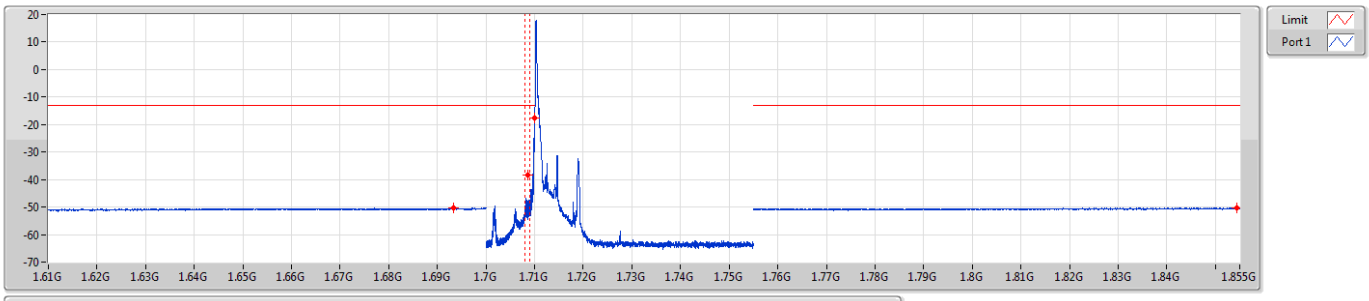
1752.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.6851G	-50.47	-13.00	-37.47	-	-
1.755G	1.756G	51k	160	RMS	1.75501G	-28.90	-13.00	-15.90	-	-
1.756G	1.765G	51k	160	RMS	1.7565G	-21.24	-13.00	-8.24	MBW 1M	-
1.765G	1.855G	1M	3M	RMS	1.7655G	-45.61	-13.00	-32.61	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

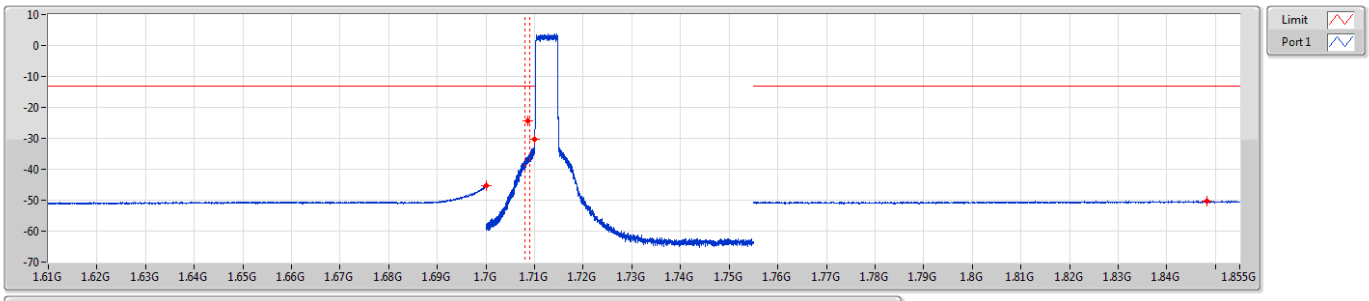
1712.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7G	1M	3M	RMS	1.69325G	-50.20	-13.00	-37.20	-	-
1.7G	1.709G	51k	160	RMS	1.7085G	-38.51	-13.00	-25.51	MBW 1M	-
1.709G	1.71G	51k	160	RMS	1.71G	-17.58	-13.00	-4.58	-	-
1.755G	1.855G	1M	3M	RMS	1.8545G	-50.28	-13.00	-37.28	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

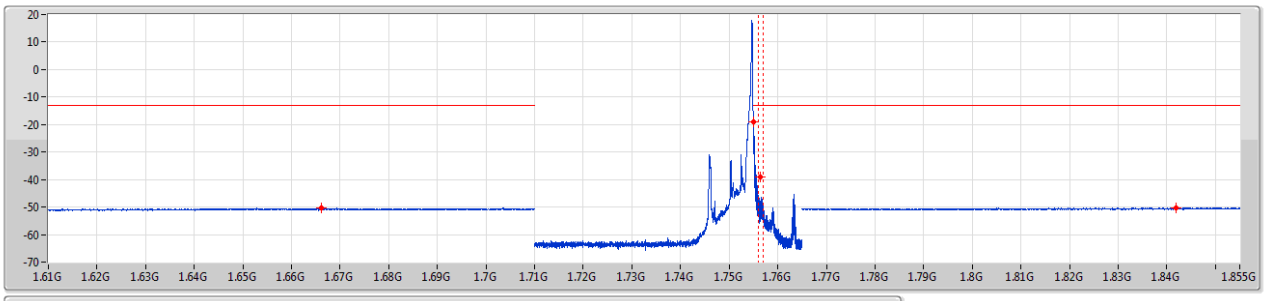
1712.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.7G	1M	3M	RMS	1.7G	-45.32	-13.00	-32.32	-	-
1.7G	1.709G	51k	160	RMS	1.7085G	-24.39	-13.00	-11.39	MBW 1M	-
1.709G	1.71G	51k	160	RMS	1.70999G	-30.40	-13.00	-17.40	-	-
1.755G	1.855G	1M	3M	RMS	1.8482G	-50.23	-13.00	-37.23	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

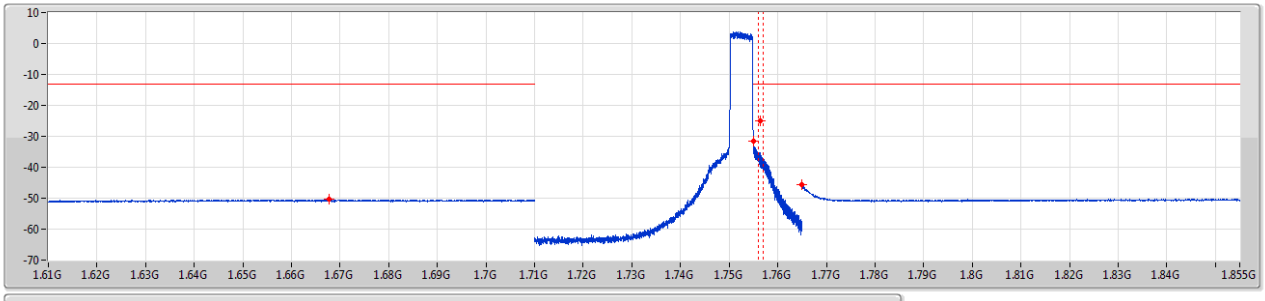
1752.5MHz_16QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.6662G	-50.36	-13.00	-37.36	-	-
1.755G	1.756G	51k	160	RMS	1.755G	-19.05	-13.00	-6.05	-	-
1.756G	1.765G	51k	160	RMS	1.7565G	-39.23	-13.00	-26.23	MBW 1M	-
1.765G	1.855G	1M	3M	RMS	1.842G	-50.21	-13.00	-37.21	-	-

Band 4_LTE_5MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

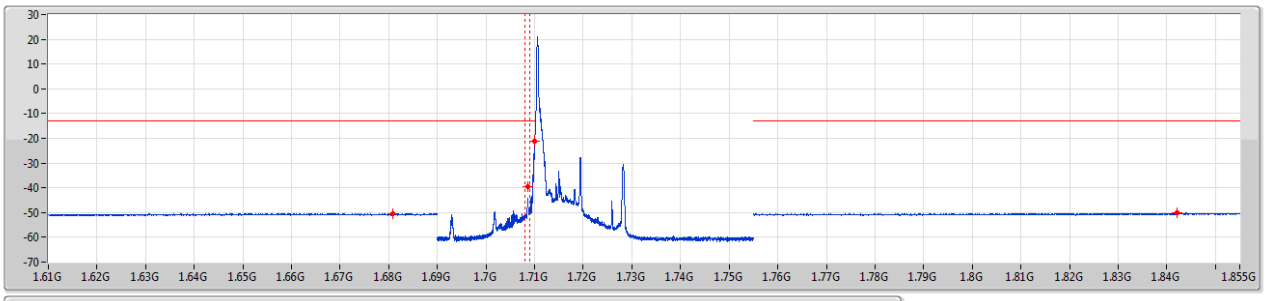
1752.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.66775G	-50.46	-13.00	-37.46	-	-
1.755G	1.756G	51k	160	RMS	1.75501G	-31.45	-13.00	-18.45	-	-
1.756G	1.765G	51k	160	RMS	1.7565G	-24.95	-13.00	-11.95	MBW 1M	-
1.765G	1.855G	1M	3M	RMS	1.765G	-45.64	-13.00	-32.64	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

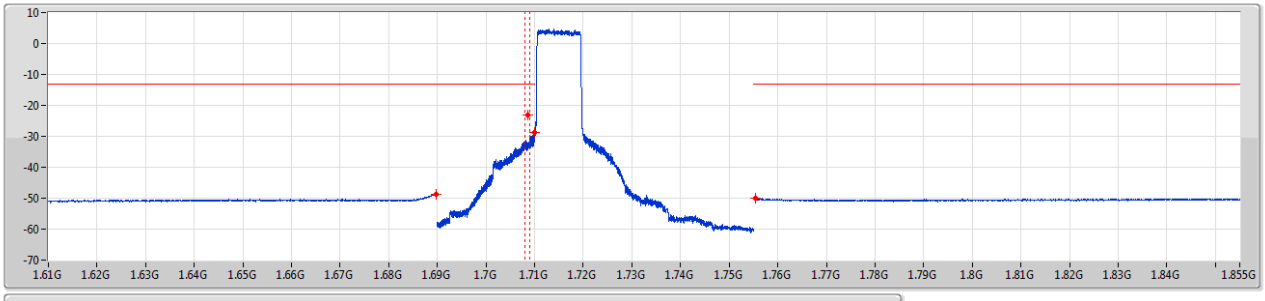
1715MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.69G	1M	3M	RMS	1.68076G	-50.44	-13.00	-37.44	-	-
1.69G	1.709G	100k	300	RMS	1.7085G	-39.41	-13.00	-26.41	MBW 1M	-
1.709G	1.71G	100k	300	RMS	1.71G	-21.32	-13.00	-8.32	-	-
1.755G	1.855G	1M	3M	RMS	1.84205G	-50.18	-13.00	-37.18	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

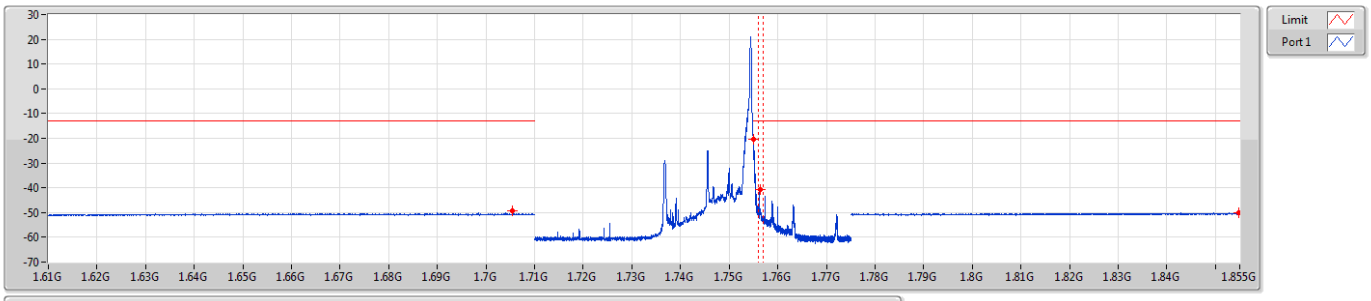
1715MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.69G	1M	3M	RMS	1.68984G	-48.60	-13.00	-35.60	-	-
1.69G	1.709G	100k	300	RMS	1.7085G	-23.18	-13.00	-10.18	MBW 1M	-
1.709G	1.71G	100k	300	RMS	1.71G	-28.84	-13.00	-15.84	-	-
1.755G	1.855G	1M	3M	RMS	1.7554G	-50.10	-13.00	-37.10	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

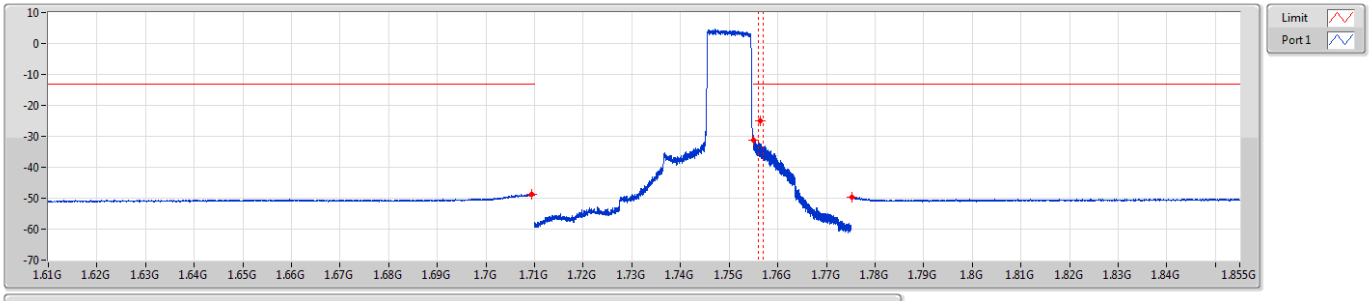
1750MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7055G	-49.48	-13.00	-36.48	-	-
1.755G	1.756G	100k	300	RMS	1.755G	-20.57	-13.00	-7.57	-	-
1.756G	1.775G	100k	300	RMS	1.7565G	-40.85	-13.00	-27.85	MBW 1M	-
1.775G	1.855G	1M	3M	RMS	1.85488G	-50.22	-13.00	-37.22	-	-

Band 4_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

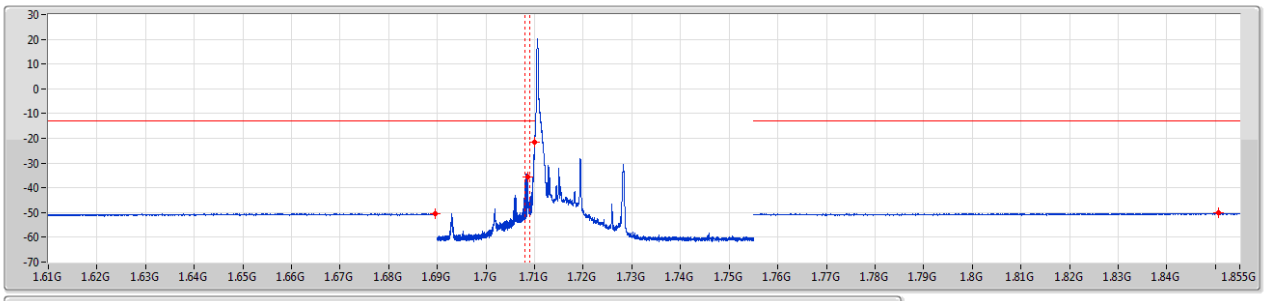
1750MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7093G	-48.63	-13.00	-35.63	-	-
1.755G	1.756G	100k	300	RMS	1.75503G	-31.11	-13.00	-18.11	-	-
1.756G	1.775G	100k	300	RMS	1.7565G	-25.11	-13.00	-12.11	MBW 1M	-
1.775G	1.855G	1M	3M	RMS	1.77516G	-49.60	-13.00	-36.60	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

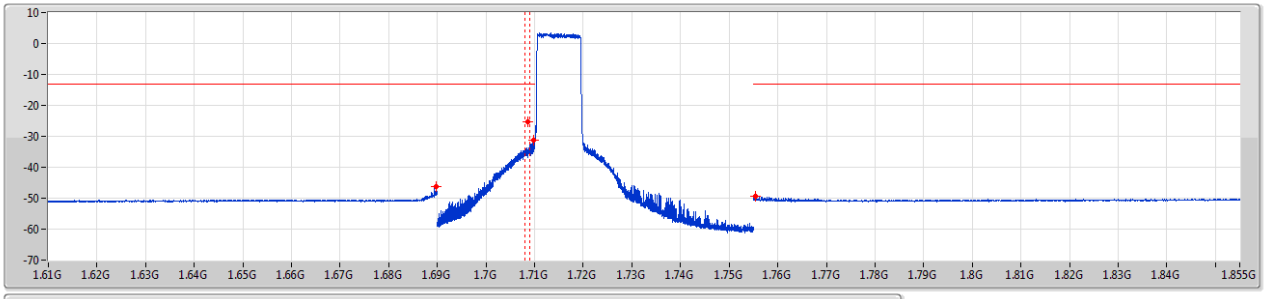
1715MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.69G	1M	3M	RMS	1.68964G	-50.38	-13.00	-37.38	-	-
1.69G	1.709G	100k	300	RMS	1.7085G	-35.55	-13.00	-22.55	MBW 1M	-
1.709G	1.71G	100k	300	RMS	1.71G	-21.70	-13.00	-8.70	-	-
1.755G	1.855G	1M	3M	RMS	1.8507G	-50.27	-13.00	-37.27	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

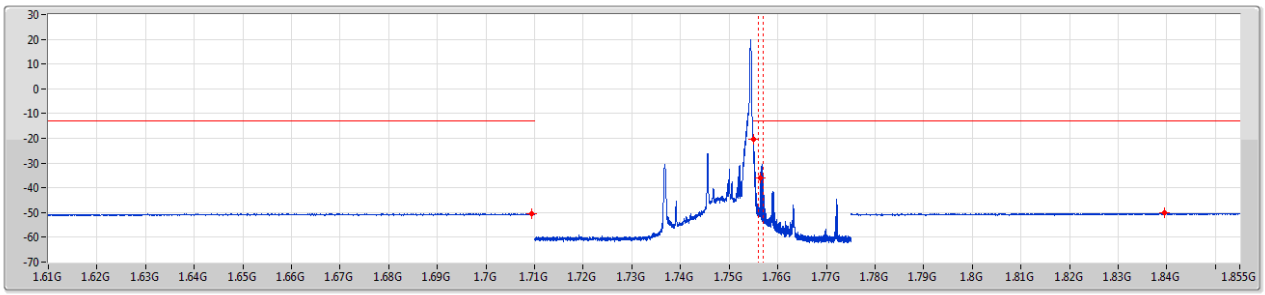
1715MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.69G	1M	3M	RMS	1.68968G	-46.29	-13.00	-33.29	-	-
1.69G	1.709G	100k	300	RMS	1.7085G	-25.17	-13.00	-12.17	MBW 1M	-
1.709G	1.71G	100k	300	RMS	1.70978G	-31.19	-13.00	-18.19	-	-
1.755G	1.855G	1M	3M	RMS	1.75535G	-49.25	-13.00	-36.25	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

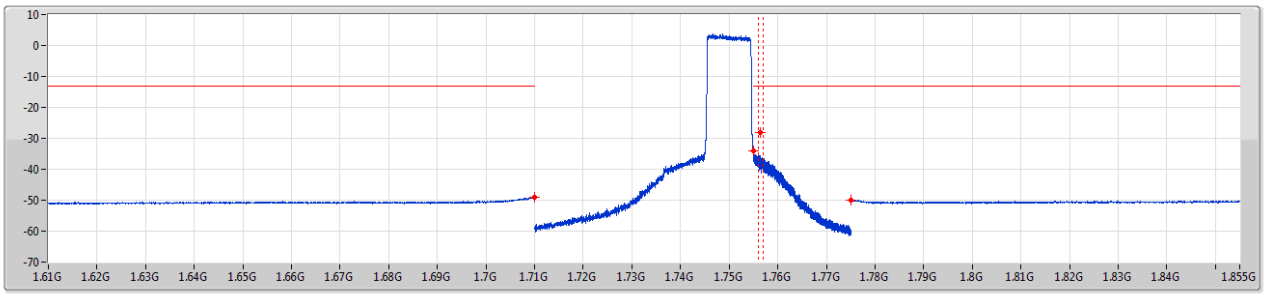
1750MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.70945G	-50.42	-13.00	-37.42	-	-
1.755G	1.756G	100k	300	RMS	1.755G	-20.48	-13.00	-7.48	-	-
1.756G	1.775G	100k	300	RMS	1.7565G	-35.85	-13.00	-22.85	MBW 1M	-
1.775G	1.855G	1M	3M	RMS	1.8396G	-50.25	-13.00	-37.25	-	-

Band 4_LTE_10MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

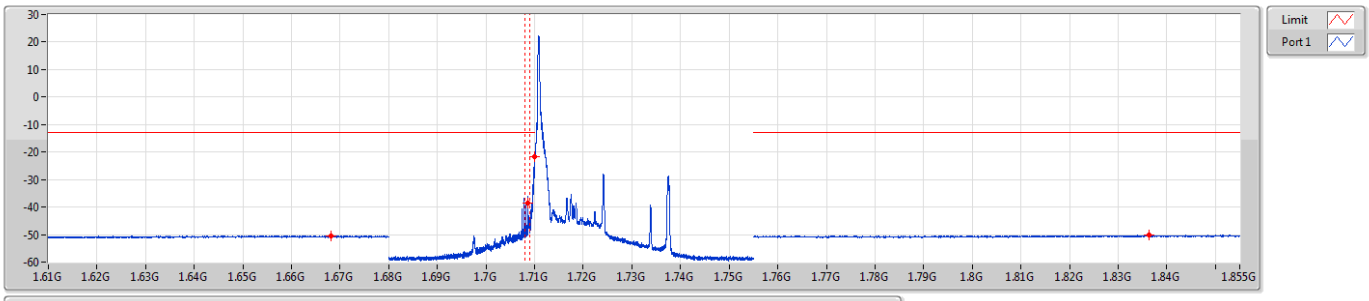
1750MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.71G	-48.98	-13.00	-35.98	-	-
1.755G	1.756G	100k	300	RMS	1.75501G	-34.04	-13.00	-21.04	-	-
1.756G	1.775G	100k	300	RMS	1.7565G	-28.03	-13.00	-15.03	MBW 1M	-
1.775G	1.855G	1M	3M	RMS	1.77512G	-49.88	-13.00	-36.88	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

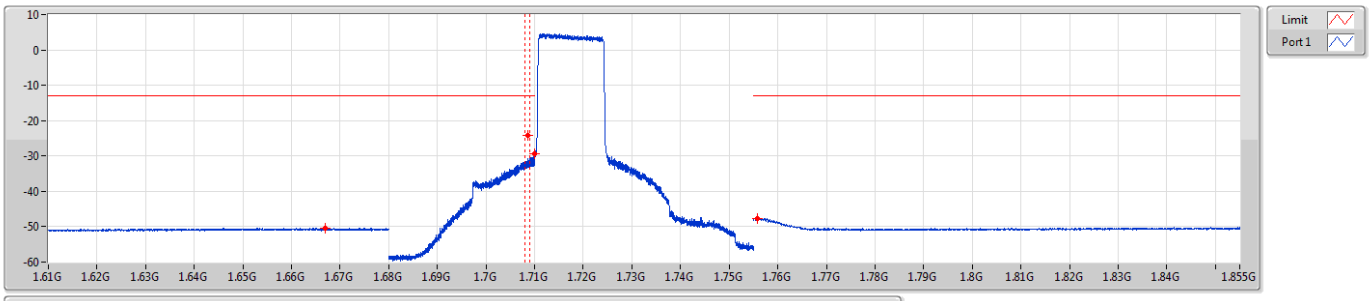
1717.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.68G	1M	3M	RMS	1.66821G	-50.44	-13.00	-37.44	-	-
1.68G	1.709G	150k	470k	RMS	1.7085G	-38.49	-13.00	-25.49	MBW 1M	-
1.709G	1.71G	150k	470k	RMS	1.70999G	-21.74	-13.00	-8.74	-	-
1.755G	1.855G	1M	3M	RMS	1.8364G	-50.21	-13.00	-37.21	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

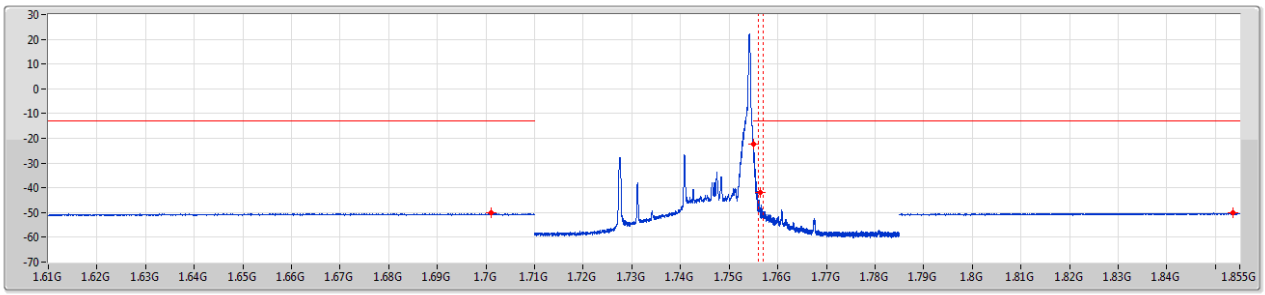
1717.5MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.68G	1M	3M	RMS	1.66688G	-50.42	-13.00	-37.42	-	-
1.68G	1.709G	150k	470k	RMS	1.7085G	-24.26	-13.00	-11.26	MBW 1M	-
1.709G	1.71G	150k	470k	RMS	1.71G	-29.31	-13.00	-16.31	-	-
1.755G	1.855G	1M	3M	RMS	1.75575G	-47.58	-13.00	-34.58	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

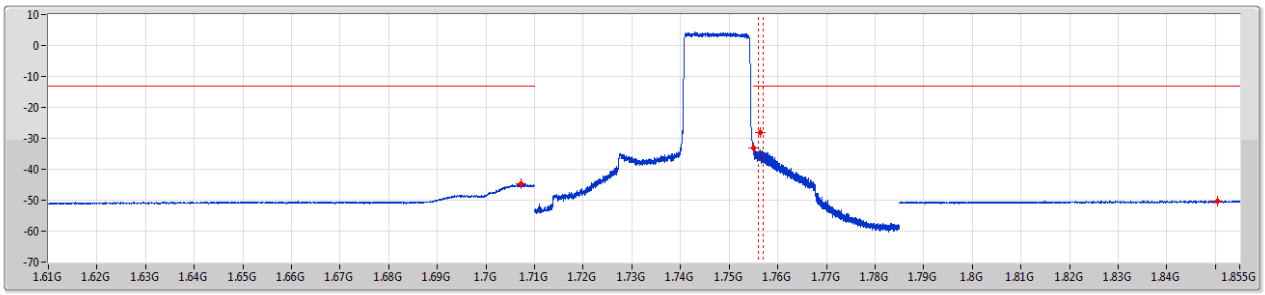
1747.5MHz_QPSK_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.701G	-50.22	-13.00	-37.22	-	-
1.755G	1.756G	150k	470	RMS	1.755G	-22.43	-13.00	-9.43	-	-
1.756G	1.785G	150k	470	RMS	1.7565G	-41.78	-13.00	-28.78	MBW 1M	-
1.785G	1.855G	1M	3M	RMS	1.85353G	-50.21	-13.00	-37.21	-	-

Band 4_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

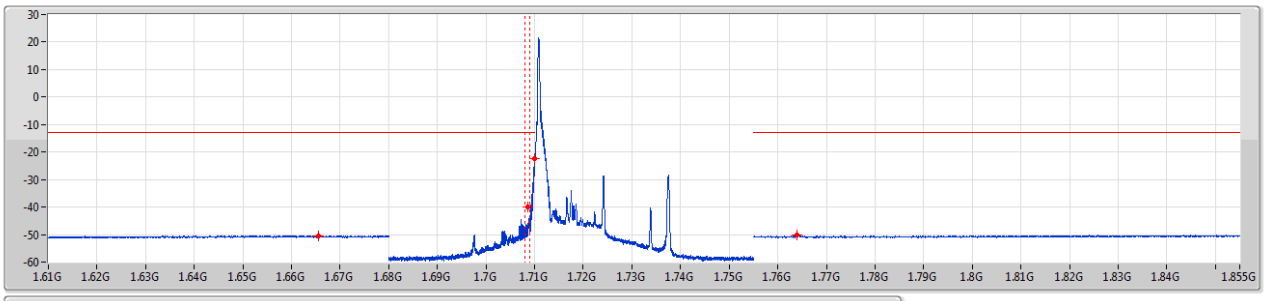
1747.5MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7073G	-44.63	-13.00	-31.63	-	-
1.755G	1.756G	150k	470	RMS	1.755G	-33.13	-13.00	-20.13	-	-
1.756G	1.785G	150k	470	RMS	1.7565G	-28.05	-13.00	-15.05	MBW 1M	-
1.785G	1.855G	1M	3M	RMS	1.85049G	-50.24	-13.00	-37.24	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

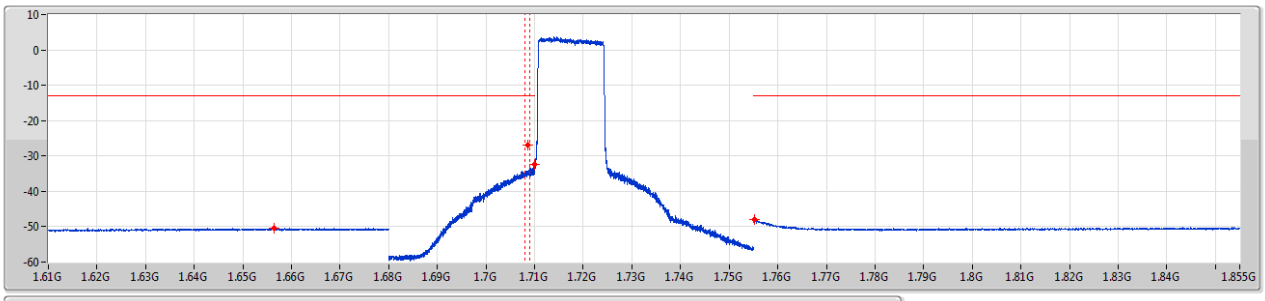
1717.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.68G	1M	3M	RMS	1.66562G	-50.44	-13.00	-37.44	-	-
1.68G	1.709G	150k	470k	RMS	1.7085G	-39.88	-13.00	-26.88	MBW 1M	-
1.709G	1.71G	150k	470k	RMS	1.71G	-22.46	-13.00	-9.46	-	-
1.755G	1.855G	1M	3M	RMS	1.7639G	-50.03	-13.00	-37.03	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

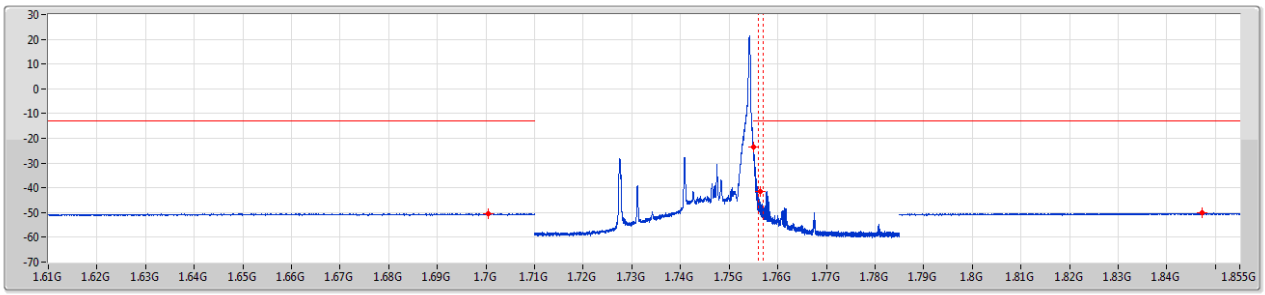
1717.5MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.68G	1M	3M	RMS	1.65641G	-50.41	-13.00	-37.41	-	-
1.68G	1.709G	150k	470k	RMS	1.7085G	-26.83	-13.00	-13.83	MBW 1M	-
1.709G	1.71G	150k	470k	RMS	1.70997G	-32.50	-13.00	-19.50	-	-
1.755G	1.855G	1M	3M	RMS	1.7553G	-48.08	-13.00	-35.08	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

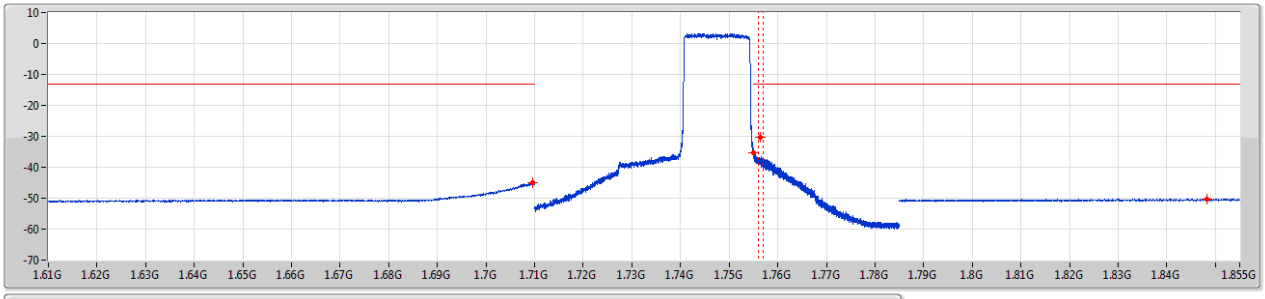
1747.5MHz_16QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.70045G	-50.34	-13.00	-37.34	-	-
1.755G	1.756G	150k	470	RMS	1.755G	-23.54	-13.00	-10.54	-	-
1.756G	1.785G	150k	470	RMS	1.7565G	-41.37	-13.00	-28.37	MBW 1M	-
1.785G	1.855G	1M	3M	RMS	1.8473G	-50.26	-13.00	-37.26	-	-

Band 4_LTE_15MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

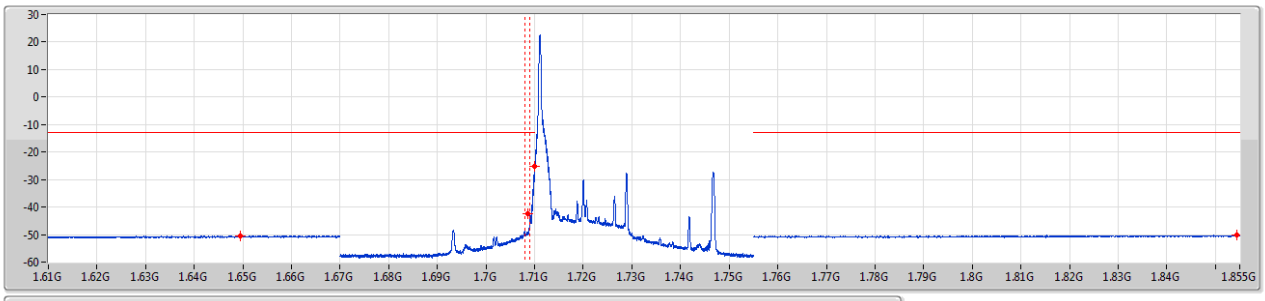
1747.5MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7096G	-44.99	-13.00	-31.99	-	-
1.755G	1.756G	150k	470	RMS	1.75501G	-35.41	-13.00	-22.41	-	-
1.756G	1.785G	150k	470	RMS	1.7565G	-30.20	-13.00	-17.20	MBW 1M	-
1.785G	1.855G	1M	3M	RMS	1.84832G	-50.19	-13.00	-37.19	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

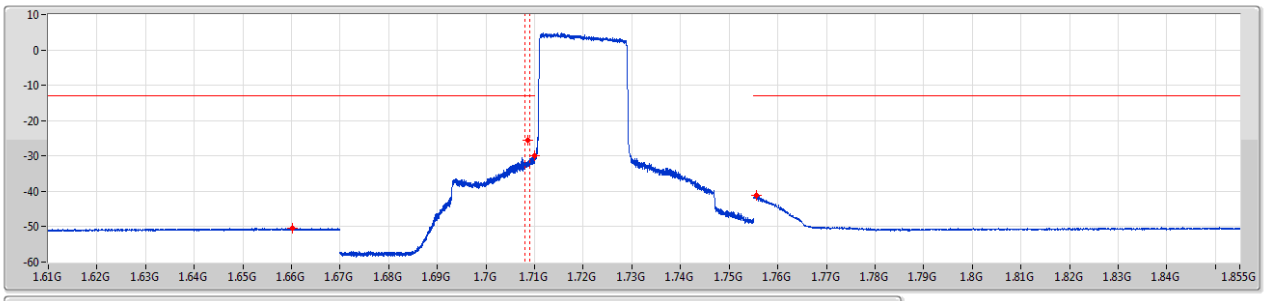
1720MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.67G	1M	3M	RMS	1.64945G	-50.48	-13.00	-37.48	-	-
1.67G	1.709G	200k	620	RMS	1.7085G	-42.42	-13.00	-29.42	MBW 1M	-
1.709G	1.71G	200k	620	RMS	1.71G	-25.32	-13.00	-12.32	-	-
1.755G	1.855G	1M	3M	RMS	1.85435G	-50.31	-13.00	-37.31	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

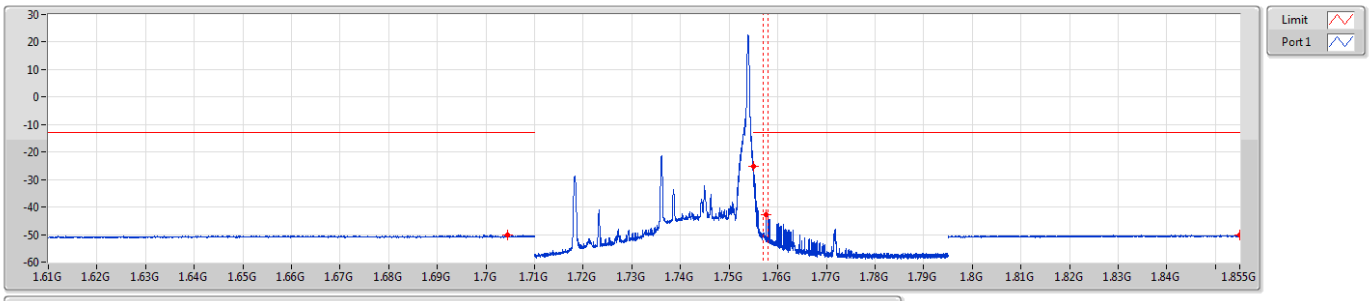
1720MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.67G	1M	3M	RMS	1.66016G	-50.45	-13.00	-37.45	-	-
1.67G	1.709G	200k	620	RMS	1.7085G	-25.53	-13.00	-12.53	MBW 1M	-
1.709G	1.71G	200k	620	RMS	1.71G	-29.80	-13.00	-16.80	-	-
1.755G	1.855G	1M	3M	RMS	1.75565G	-41.26	-13.00	-28.26	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

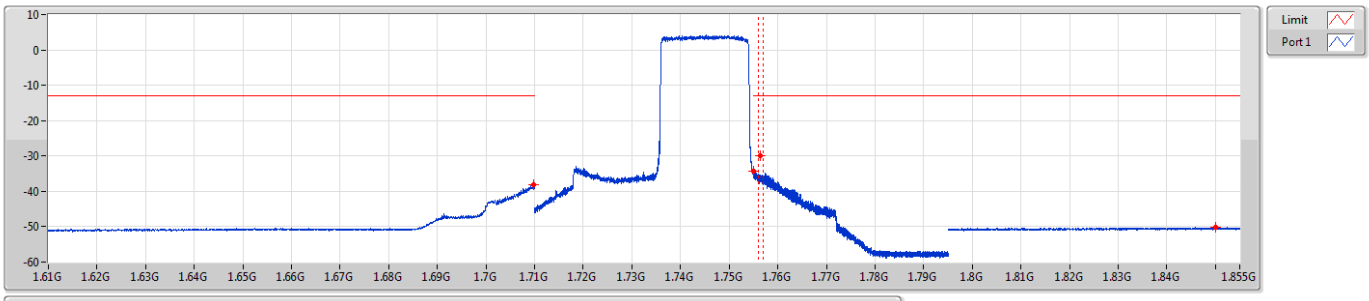
1745MHz_QPSK_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7045G	-50.16	-13.00	-37.16	-	-
1.755G	1.756G	200k	620	RMS	1.75501G	-25.31	-13.00	-12.31	-	-
1.756G	1.795G	200k	620	RMS	1.7575G	-42.85	-13.00	-29.85	MBW 1M	-
1.795G	1.855G	1M	3M	RMS	1.85491G	-50.24	-13.00	-37.24	-	-

Band 4_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

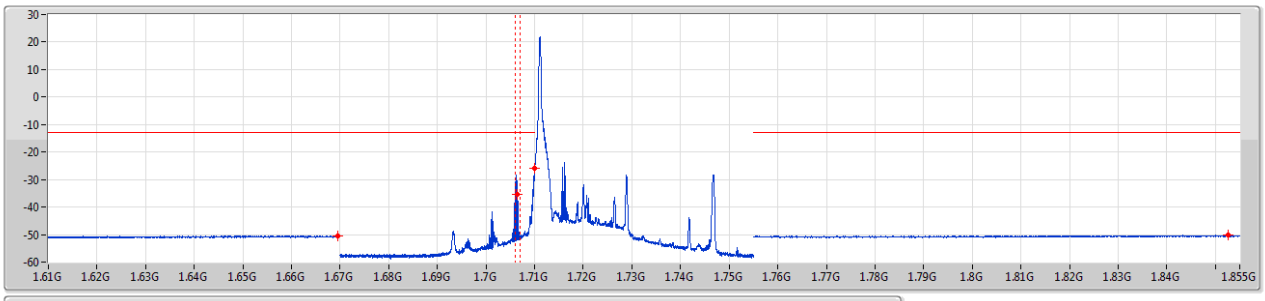
1745MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.70985G	-38.08	-13.00	-25.08	-	-
1.755G	1.756G	200k	620	RMS	1.75506G	-34.33	-13.00	-21.33	-	-
1.756G	1.795G	200k	620	RMS	1.7565G	-29.86	-13.00	-16.86	MBW 1M	-
1.795G	1.855G	1M	3M	RMS	1.84999G	-50.25	-13.00	-37.25	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

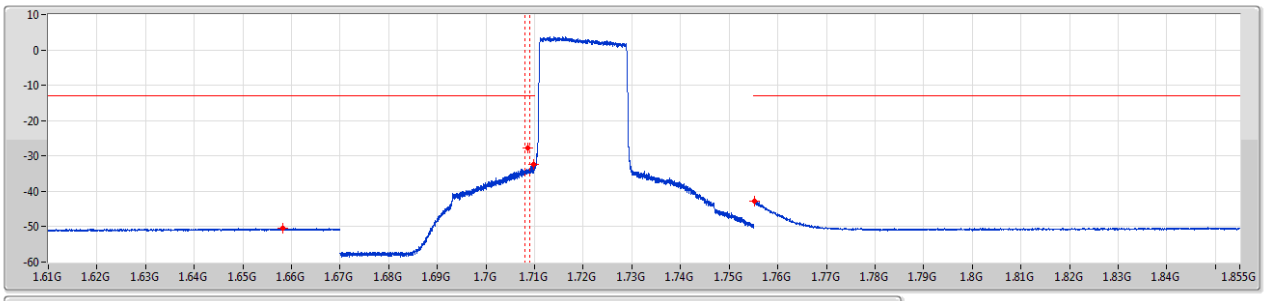
1720MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.67G	1M	3M	RMS	1.66943G	-50.39	-13.00	-37.39	-	-
1.67G	1.709G	200k	620	RMS	1.7065G	-35.37	-13.00	-22.37	MBW 1M	-
1.709G	1.71G	200k	620	RMS	1.71G	-25.77	-13.00	-12.77	-	-
1.755G	1.855G	1M	3M	RMS	1.85255G	-50.21	-13.00	-37.21	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

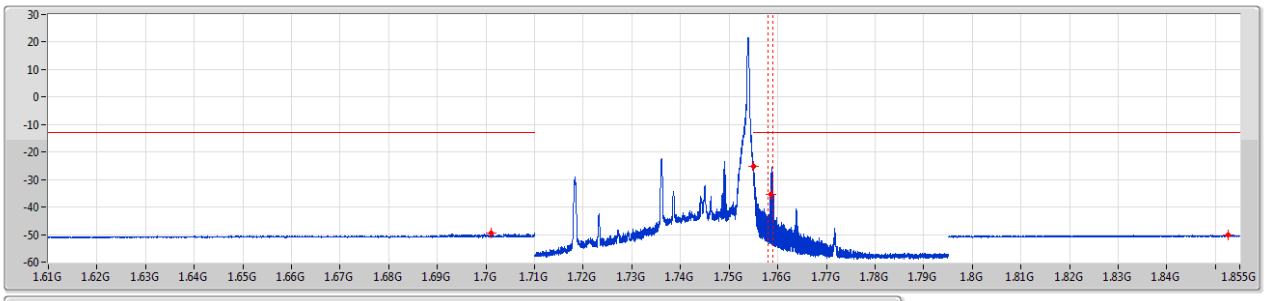
1720MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.67G	1M	3M	RMS	1.65827G	-50.47	-13.00	-37.47	-	-
1.67G	1.709G	200k	620	RMS	1.7085G	-27.75	-13.00	-14.75	MBW 1M	-
1.709G	1.71G	200k	620	RMS	1.70975G	-32.45	-13.00	-19.45	-	-
1.755G	1.855G	1M	3M	RMS	1.75525G	-42.79	-13.00	-29.79	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

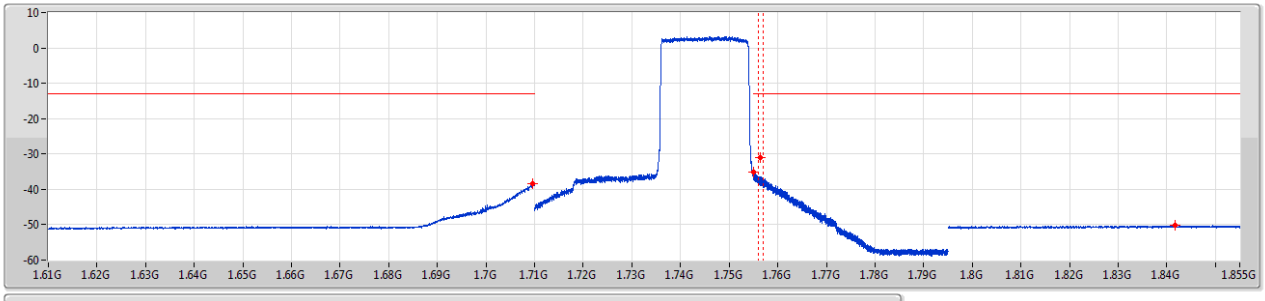
1745MHz_16QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.70115G	-49.57	-13.00	-36.57	-	-
1.755G	1.756G	200k	620	RMS	1.755G	-25.02	-13.00	-12.02	-	-
1.756G	1.795G	200k	620	RMS	1.7585G	-35.35	-13.00	-22.35	MBW 1M	-
1.795G	1.855G	1M	3M	RMS	1.85266G	-50.24	-13.00	-37.24	-	-

Band 4_LTE_20MHz_Nss1,16QAM_1TX **CSE-TX-Sum**

1745MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.61G	1.71G	1M	3M	RMS	1.7096G	-38.32	-13.00	-25.32	-	-
1.755G	1.756G	200k	620	RMS	1.75505G	-35.18	-13.00	-22.18	-	-
1.756G	1.795G	200k	620	RMS	1.7565G	-31.03	-13.00	-18.03	MBW 1M	-
1.795G	1.855G	1M	3M	RMS	1.84171G	-50.25	-13.00	-37.25	-	-

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 4	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.236M	1.08M	1M08G7D	1.223M	1.077M
LTE_1.4MHz_Nss1,16QAM_1TX	1.246M	1.08M	1M08W7D	1.225M	1.078M
LTE_3MHz_Nss1,QPSK_1TX	2.858M	2.674M	2M67G7D	2.828M	2.668M
LTE_3MHz_Nss1,16QAM_1TX	2.854M	2.674M	2M67W7D	2.831M	2.671M
LTE_5MHz_Nss1,QPSK_1TX	4.838M	4.463M	4M46G7D	4.813M	4.459M
LTE_5MHz_Nss1,16QAM_1TX	4.806M	4.463M	4M46W7D	4.781M	4.459M
LTE_10MHz_Nss1,QPSK_1TX	9.538M	8.939M	8M94G7D	9.5M	8.92M
LTE_10MHz_Nss1,16QAM_1TX	9.513M	8.923M	8M92W7D	9.463M	8.908M
LTE_15MHz_Nss1,QPSK_1TX	14.269M	13.409M	13M4G7D	14.213M	13.38M
LTE_15MHz_Nss1,16QAM_1TX	14.419M	13.39M	13M4W7D	14.269M	13.365M
LTE_20MHz_Nss1,QPSK_1TX	18.975M	17.856M	17M9G7D	18.825M	17.802M
LTE_20MHz_Nss1,16QAM_1TX	18.925M	17.856M	17M9W7D	18.85M	17.84M

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

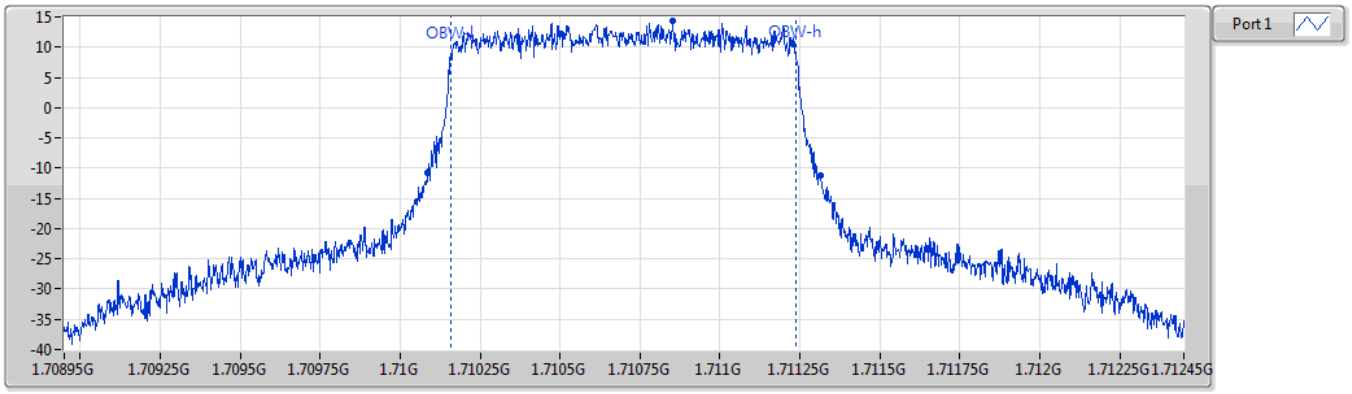
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 4_LTE_1.4MHz_Nss1_1TX	-	-	-	-
1710.7MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.229M	1.08M
1732.5MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.223M	1.077M
1754.3MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.236M	1.079M
1710.7MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.225M	1.08M
1732.5MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.246M	1.078M
1754.3MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.239M	1.08M
Band 4_LTE_3MHz_Nss1_1TX	-	-	-	-
1711.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.858M	2.674M
1732.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.839M	2.674M
1753.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.828M	2.668M
1711.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.839M	2.671M
1732.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.854M	2.673M
1753.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.831M	2.674M
Band 4_LTE_5MHz_Nss1_1TX	-	-	-	-
1712.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.813M	4.461M
1732.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.819M	4.459M

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
1752.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.838M	4.463M
1712.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.781M	4.46M
1732.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.781M	4.463M
1752.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.806M	4.459M
Band 4_LTE_10MHz_Nss1_1TX	-	-	-	-
1715MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.5M	8.92M
1732.5MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.5M	8.939M
1750MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.538M	8.92M
1715MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.488M	8.908M
1732.5MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.513M	8.923M
1750MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.463M	8.911M
Band 4_LTE_15MHz_Nss1_1TX	-	-	-	-
1717.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.213M	13.402M
1732.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.269M	13.409M
1747.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.231M	13.38M
1717.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.269M	13.382M
1732.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.419M	13.39M
1747.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.325M	13.365M
Band 4_LTE_20MHz_Nss1_1TX	-	-	-	-
1720MHz_QPSK_RB 100,#RB 0	Pass	Inf	18.85M	17.832M
1732.5MHz_QPSK_RB 100,#RB 0	Pass	Inf	18.975M	17.856M
1745MHz_QPSK_RB 100,#RB 0	Pass	Inf	18.825M	17.802M
1720MHz_16QAM_RB 100,#RB 0	Pass	Inf	18.925M	17.844M
1732.5MHz_16QAM_RB 100,#RB 0	Pass	Inf	18.85M	17.856M
1745MHz_16QAM_RB 100,#RB 0	Pass	Inf	18.9M	17.84M

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

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **EBW**

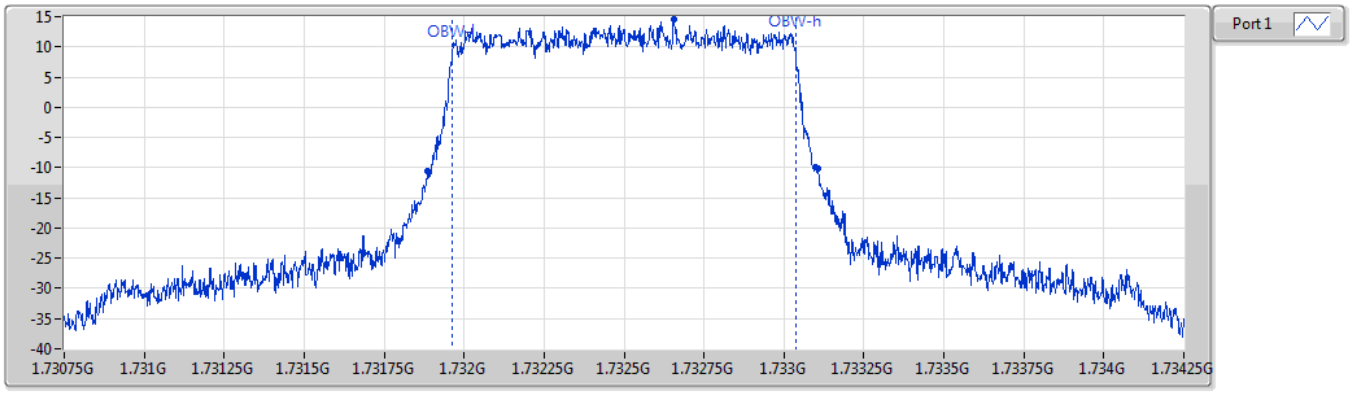
1710.7MHz_QPSK_RB 6,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.229M	1.710088G	1.711316G	1.08M	1.710159G	1.711238G	1	1.7107G	3.5M	15k	47k

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **EBW**

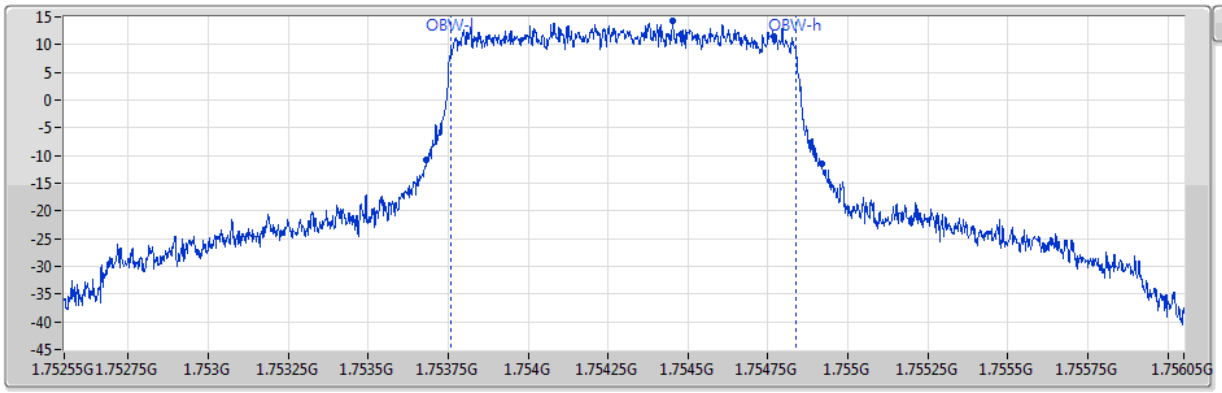
1732.5MHz_QPSK_RB 6,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.223M	1.731884G	1.733107G	1.077M	1.731961G	1.733038G	1	1.7325G	3.5M	15k	47k

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **EBW**

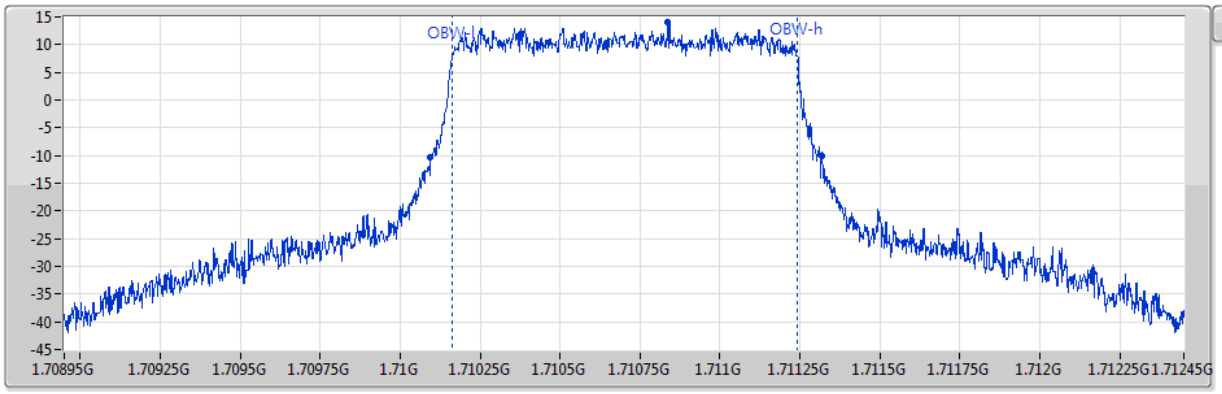
1754.3MHz_QPSK_RB 6,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.236M	1.753682G	1.754918G	1.079M	1.753758G	1.754837G	1	1.7543G	3.5M	15k	47k

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **EBW**

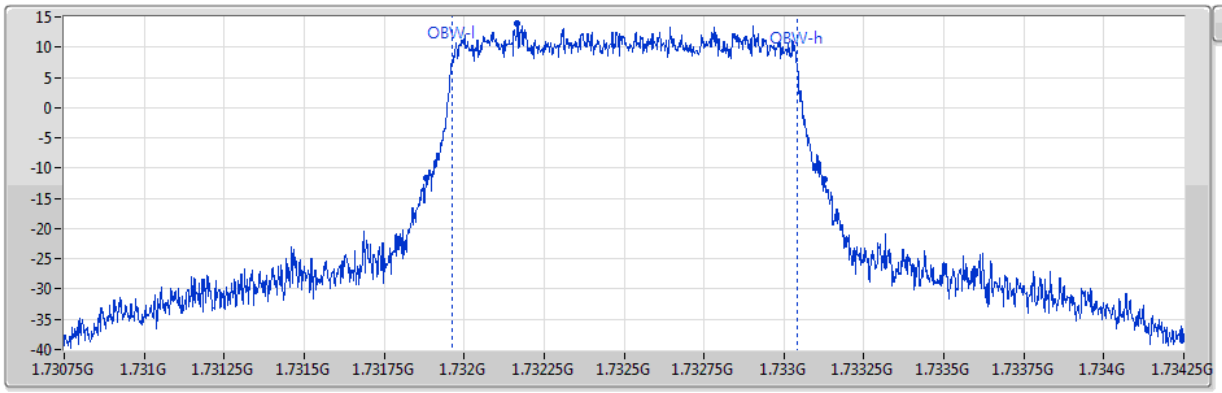
1710.7MHz_16QAM_RB 6,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.225M	1.710095G	1.71132G	1.08M	1.710162G	1.711241G	1	1.7107G	3.5M	15k	47k

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **EBW**

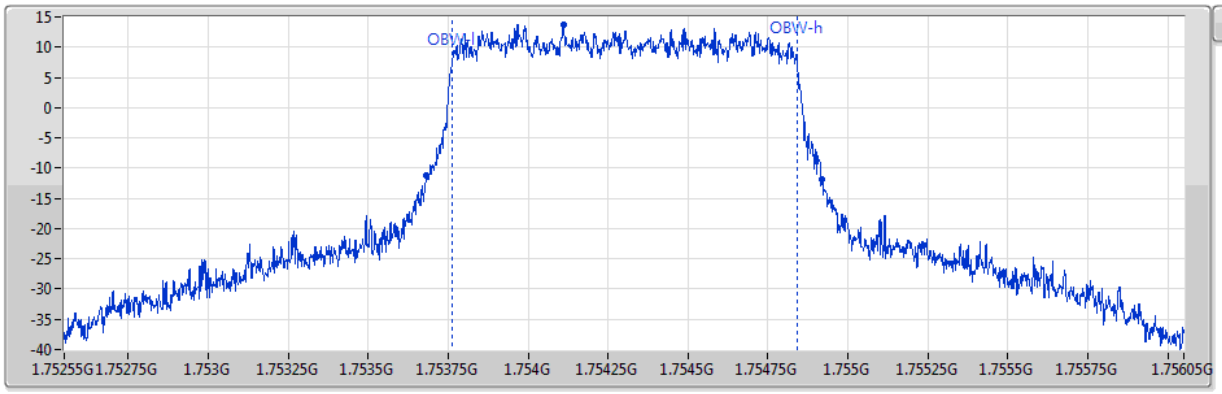
1732.5MHz_16QAM_RB 6,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.246M	1.731882G	1.733128G	1.078M	1.731962G	1.73304G	1	1.7325G	3.5M	15k	47k

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **EBW**

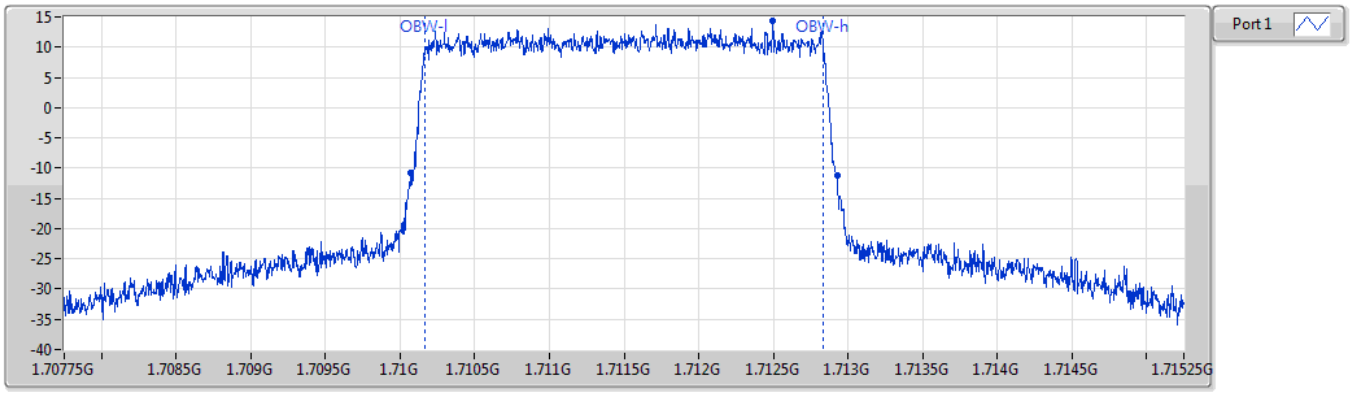
1754.3MHz_16QAM_RB 6,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.239M	1.753681G	1.75492G	1.08M	1.753762G	1.754841G	1	1.7543G	3.5M	15k	47k

Band 4_LTE_3MHz_Nss1,QPSK_1TX **EBW**

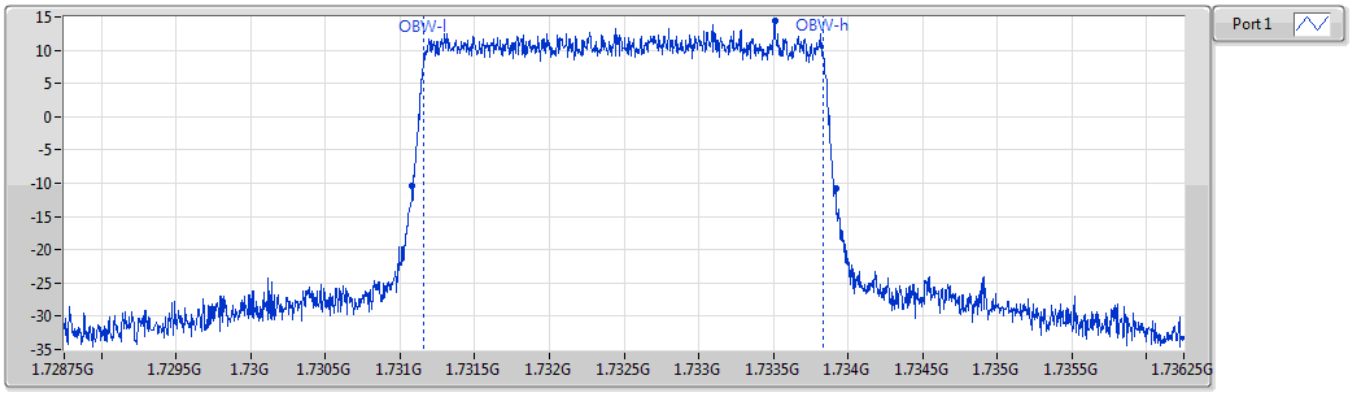
1711.5MHz_QPSK_RB 15,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.858M	1.710071G	1.712929G	2.674M	1.710163G	1.712837G	1	1.7115G	7.5M	30k	100k

Band 4_LTE_3MHz_Nss1,QPSK_1TX **EBW**

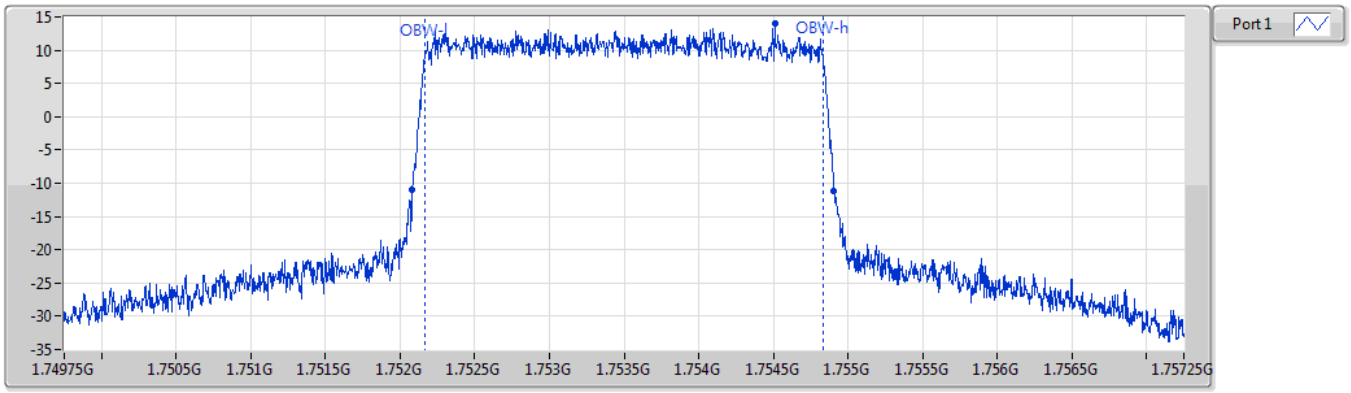
1732.5MHz_QPSK_RB 15,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.839M	1.731079G	1.733918G	2.674M	1.731162G	1.733835G	1	1.7325G	7.5M	30k	100k

Band 4_LTE_3MHz_Nss1,QPSK_1TX **EBW**

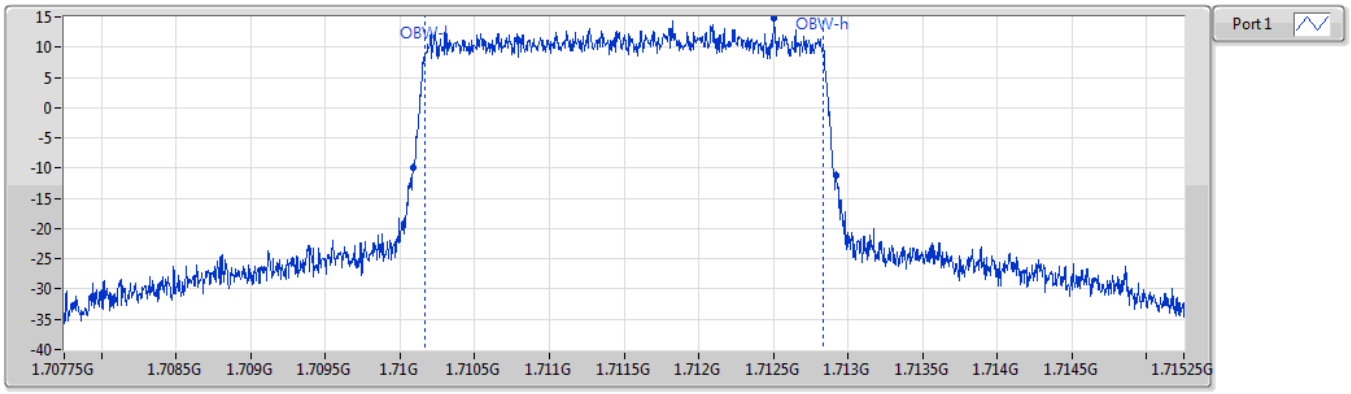
1753.5MHz_QPSK_RB 15,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.828M	1.752079G	1.754906G	2.668M	1.752165G	1.754832G	1	1.7535G	7.5M	30k	100k

Band 4_LTE_3MHz_Nss1,16QAM_1TX **EBW**

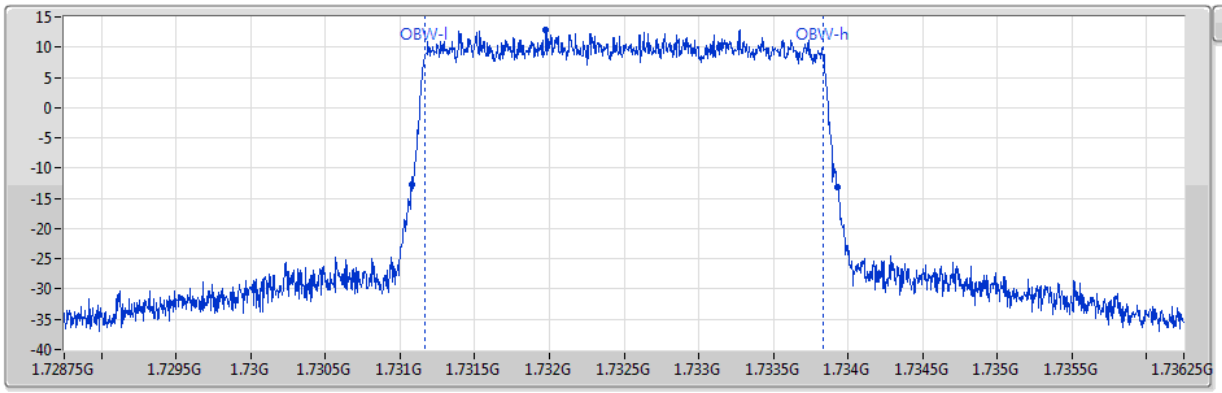
1711.5MHz_16QAM_RB 15,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.839M	1.710086G	1.712925G	2.671M	1.710166G	1.712836G	1	1.7115G	7.5M	30k	100k

Band 4_LTE_3MHz_Nss1,16QAM_1TX **EBW**

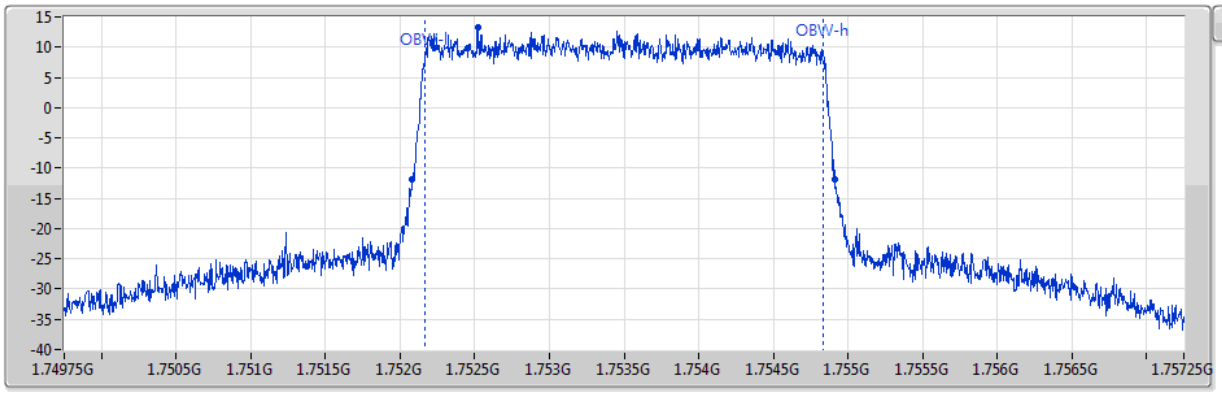
1732.5MHz_16QAM_RB 15,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.854M	1.731079G	1.733933G	2.673M	1.731163G	1.733836G	1	1.7325G	7.5M	30k	100k

Band 4_LTE_3MHz_Nss1,16QAM_1TX **EBW**

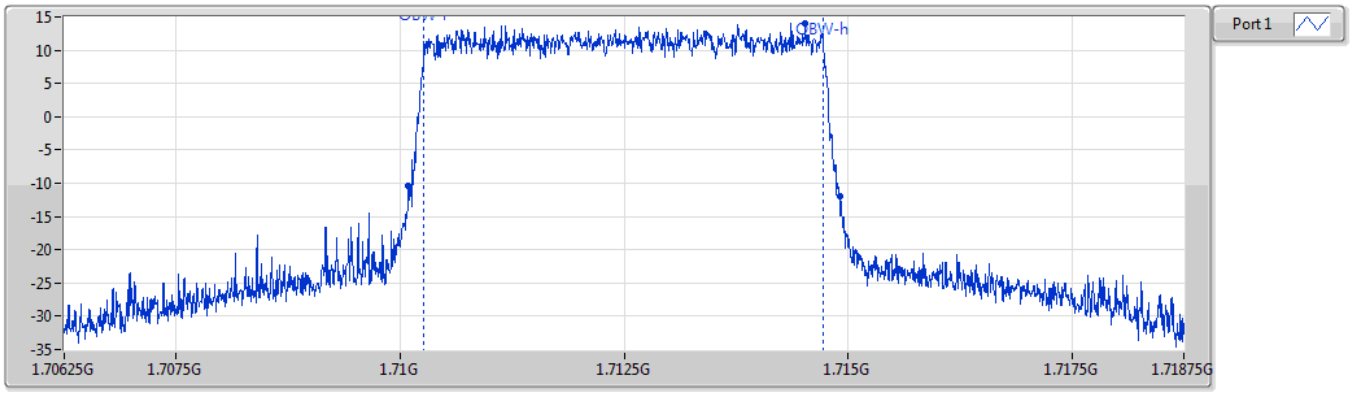
1753.5MHz_16QAM_RB 15,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.831M	1.752079G	1.75491G	2.674M	1.752164G	1.754838G	1	1.7535G	7.5M	30k	100k

Band 4_LTE_5MHz_Nss1,QPSK_1TX **EBW**

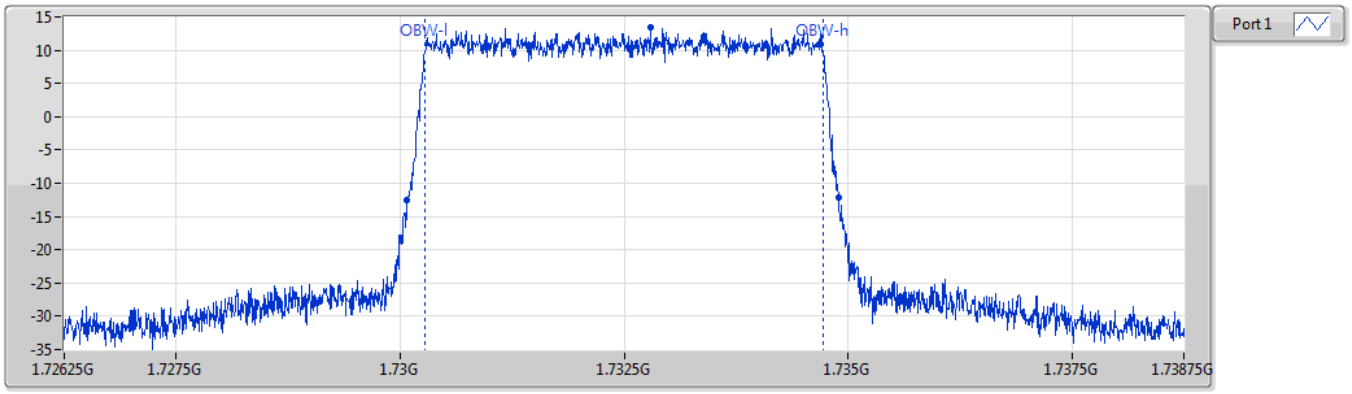
1712.5MHz_QPSK_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.813M	1.710094G	1.714906G	4.461M	1.710268G	1.714729G	1	1.7125G	12.5M	51k	160k

Band 4_LTE_5MHz_Nss1,QPSK_1TX **EBW**

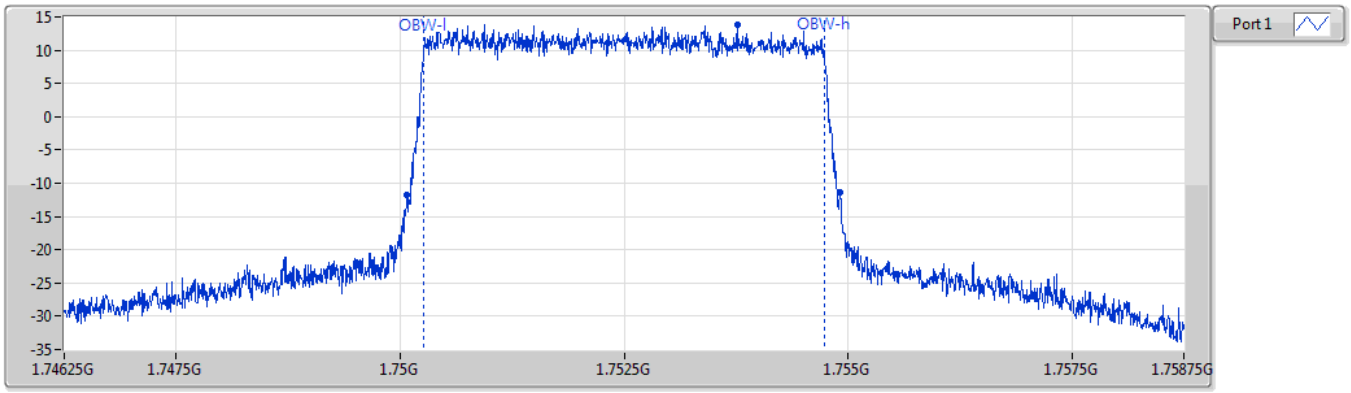
1732.5MHz_QPSK_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.819M	1.730075G	1.734894G	4.459M	1.73027G	1.734729G	1	1.7325G	12.5M	51k	160k

Band 4_LTE_5MHz_Nss1,QPSK_1TX **EBW**

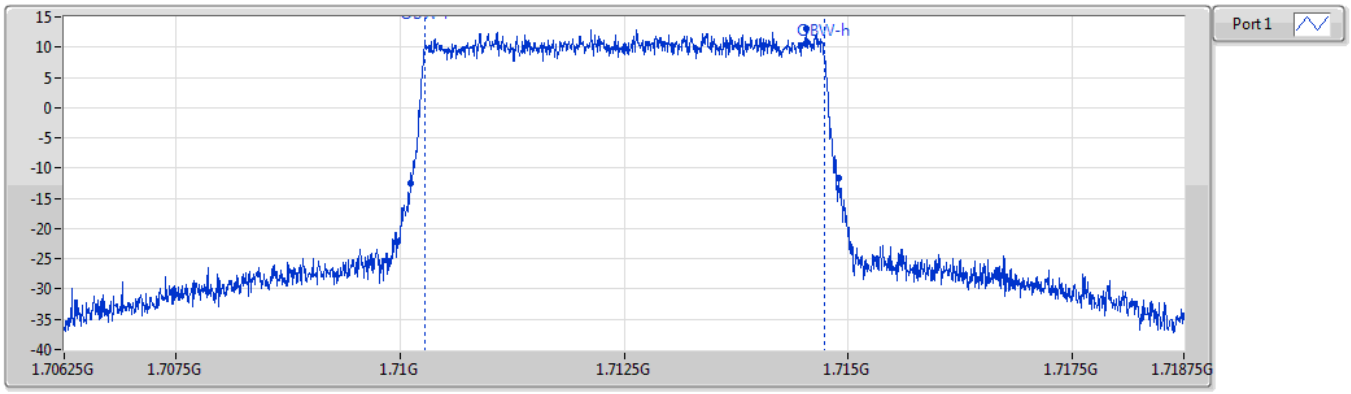
1752.5MHz_QPSK_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.838M	1.750075G	1.754913G	4.463M	1.750267G	1.754731G	1	1.7525G	12.5M	51k	160k

Band 4_LTE_5MHz_Nss1,16QAM_1TX **EBW**

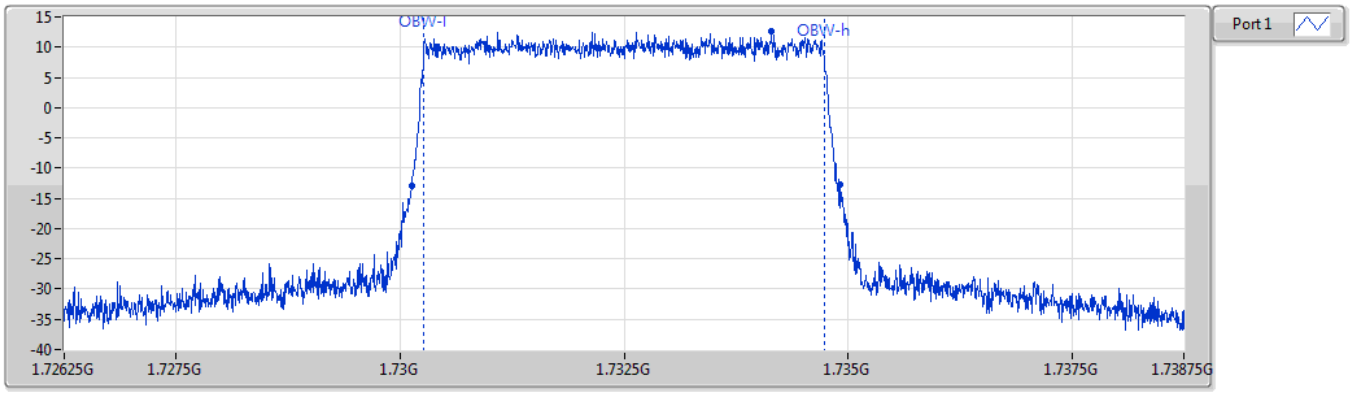
1712.5MHz_16QAM_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.781M	1.710113G	1.714894G	4.46M	1.710273G	1.714732G	1	1.7125G	12.5M	51k	160k

Band 4_LTE_5MHz_Nss1,16QAM_1TX **EBW**

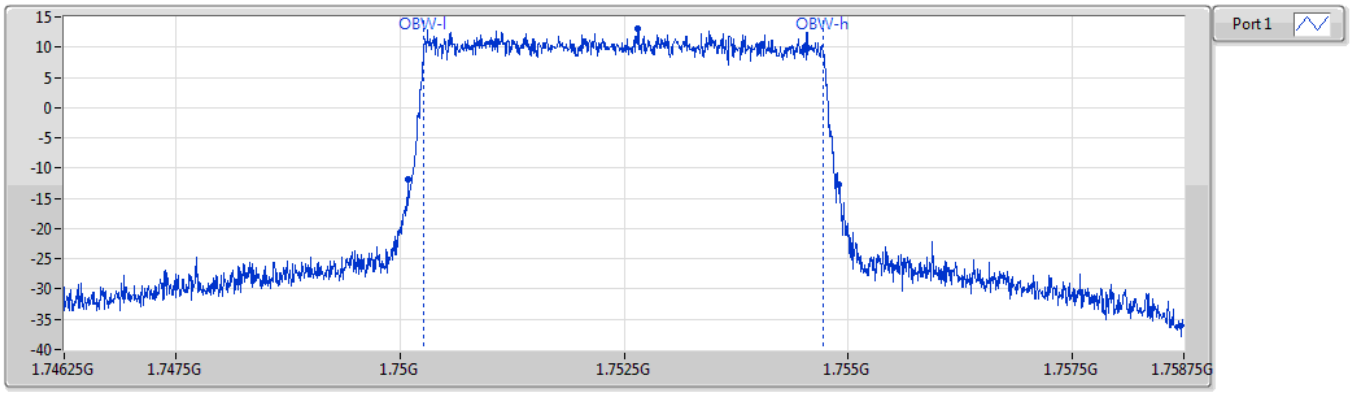
1732.5MHz_16QAM_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.781M	1.730125G	1.734906G	4.463M	1.730268G	1.734731G	1	1.7325G	12.5M	51k	160k

Band 4_LTE_5MHz_Nss1,16QAM_1TX **EBW**

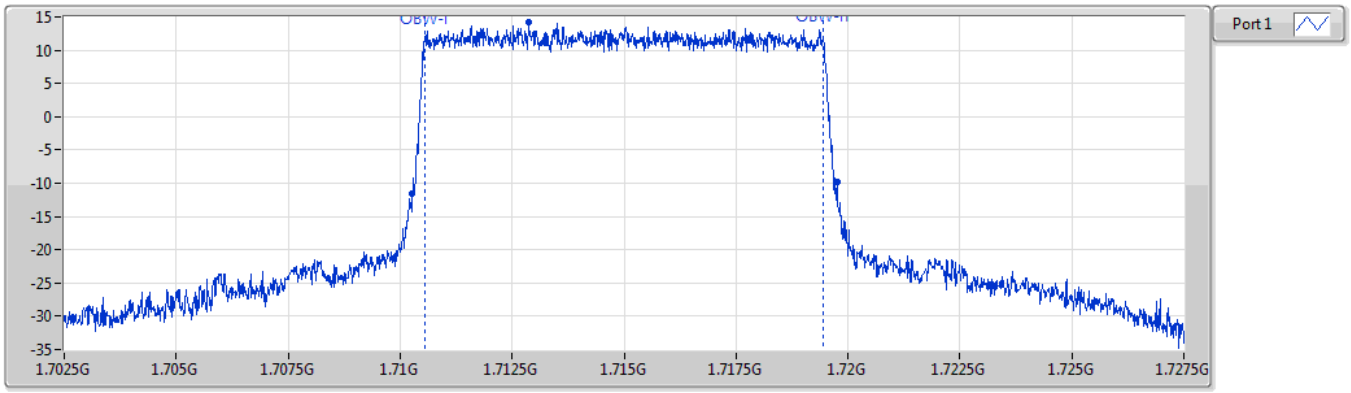
1752.5MHz_16QAM_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.806M	1.750088G	1.754894G	4.459M	1.750268G	1.754727G	1	1.7525G	12.5M	51k	160k

Band 4_LTE_10MHz_Nss1,QPSK_1TX **EBW**

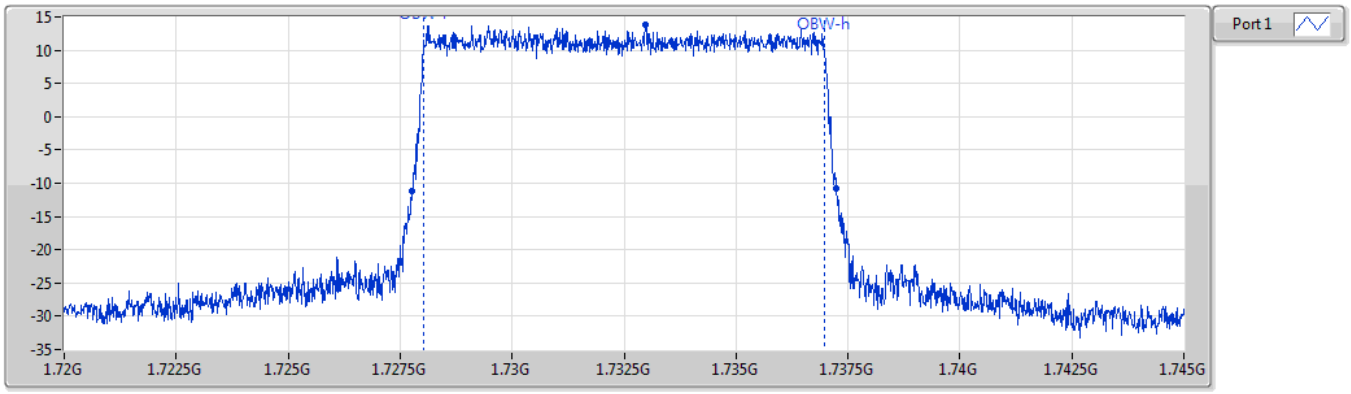
1715MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.5M	1.710263G	1.719763G	8.92M	1.710541G	1.719461G	1	1.715G	25M	100k	300k

Band 4_LTE_10MHz_Nss1,QPSK_1TX **EBW**

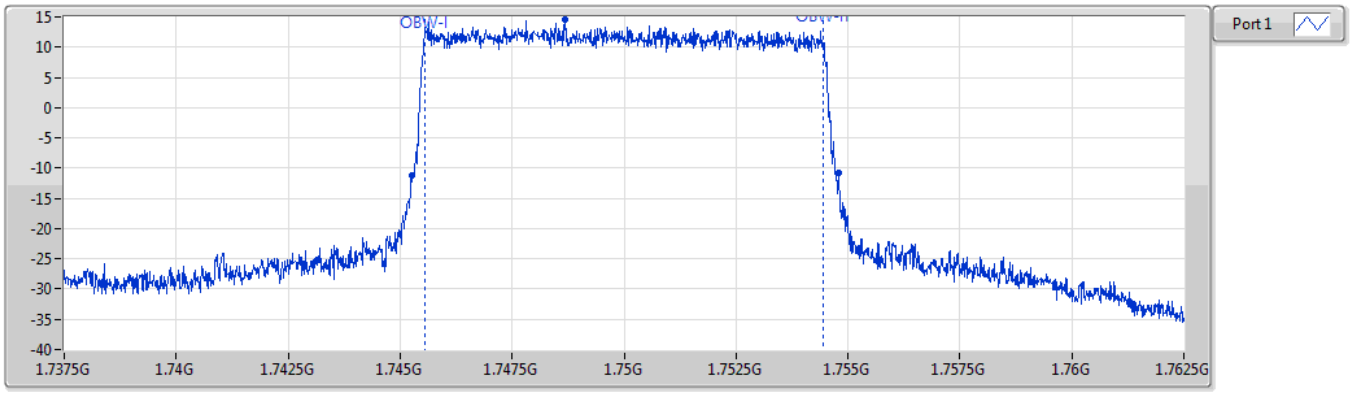
1732.5MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.5M	1.72775G	1.73725G	8.939M	1.72803G	1.736969G	1	1.7325G	25M	100k	300k

Band 4_LTE_10MHz_Nss1,QPSK_1TX **EBW**

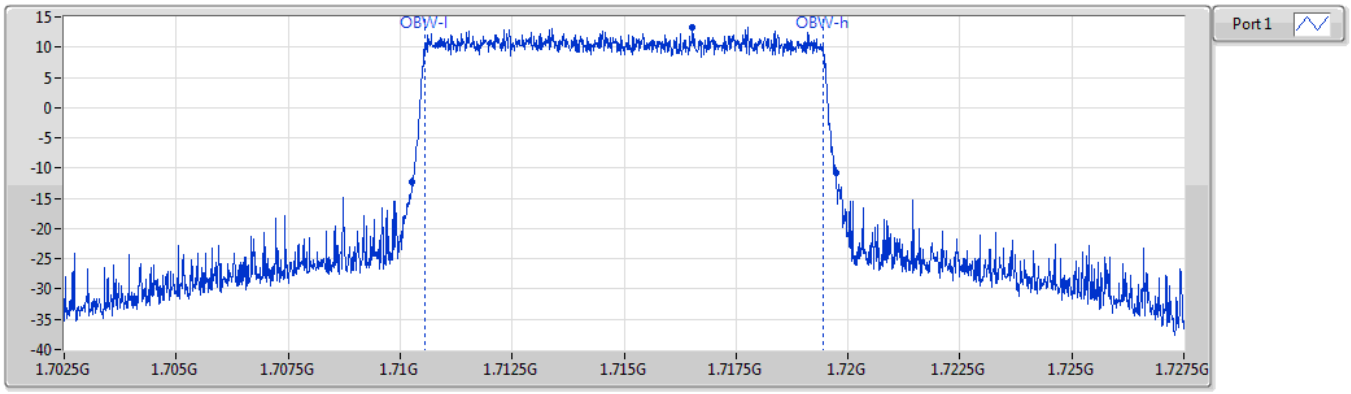
1750MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.538M	1.74525G	1.754788G	8.92M	1.74554G	1.75446G	1	1.75G	25M	100k	300k

Band 4_LTE_10MHz_Nss1,16QAM_1TX **EBW**

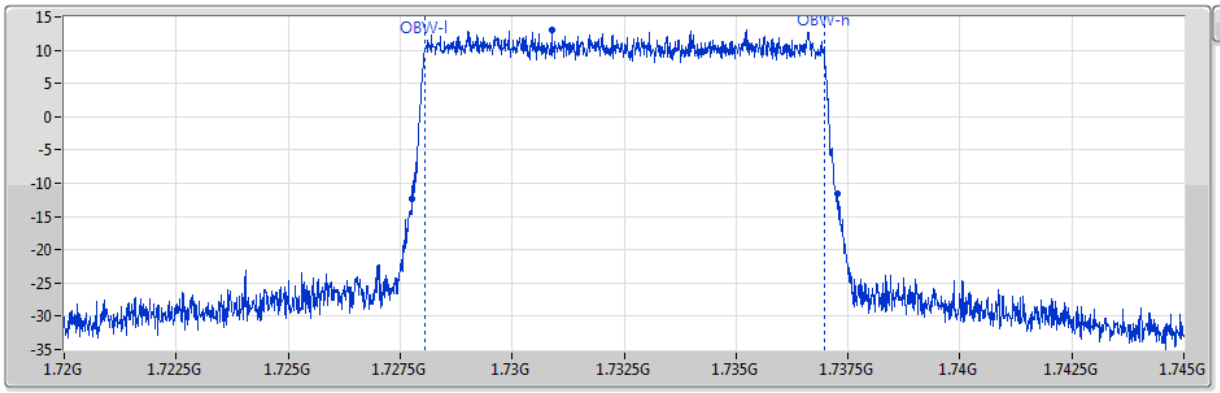
1715MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.488M	1.710263G	1.71975G	8.908M	1.710542G	1.71945G	1	1.715G	25M	100k	300k

Band 4_LTE_10MHz_Nss1,16QAM_1TX **EBW**

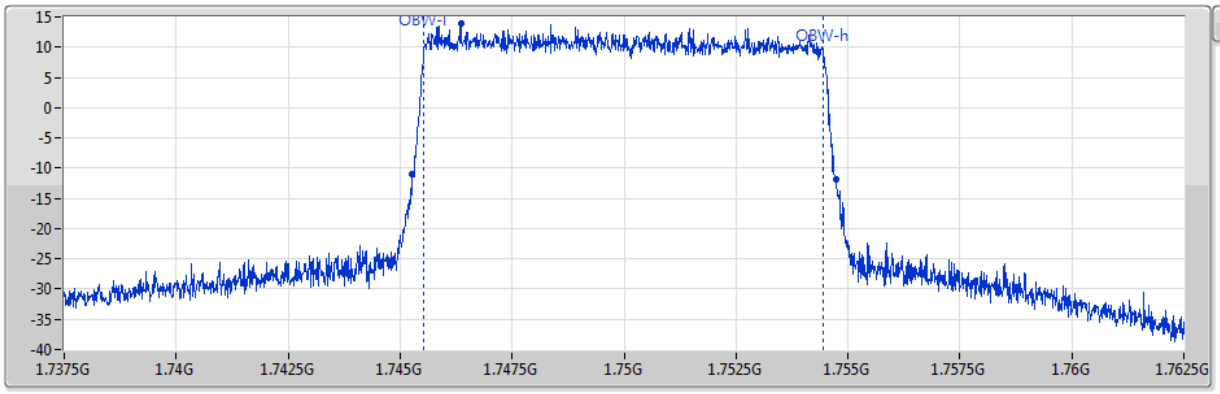
1732.5MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.513M	1.727763G	1.737275G	8.923M	1.728041G	1.736964G	1	1.7325G	25M	100k	300k

Band 4_LTE_10MHz_Nss1,16QAM_1TX **EBW**

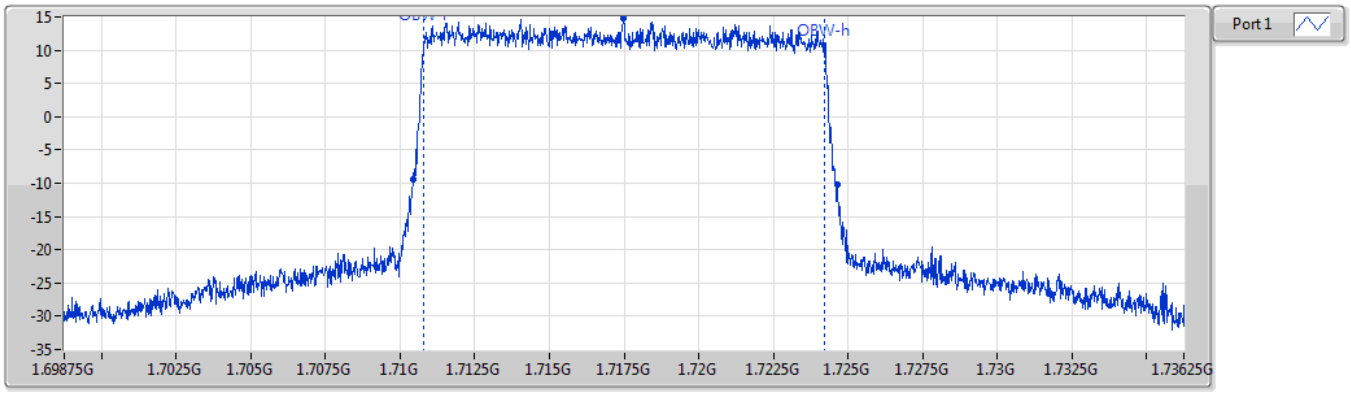
1750MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.463M	1.745275G	1.754738G	8.911M	1.745538G	1.754449G	1	1.75G	25M	100k	300k

Band 4_LTE_15MHz_Nss1,QPSK_1TX **EBW**

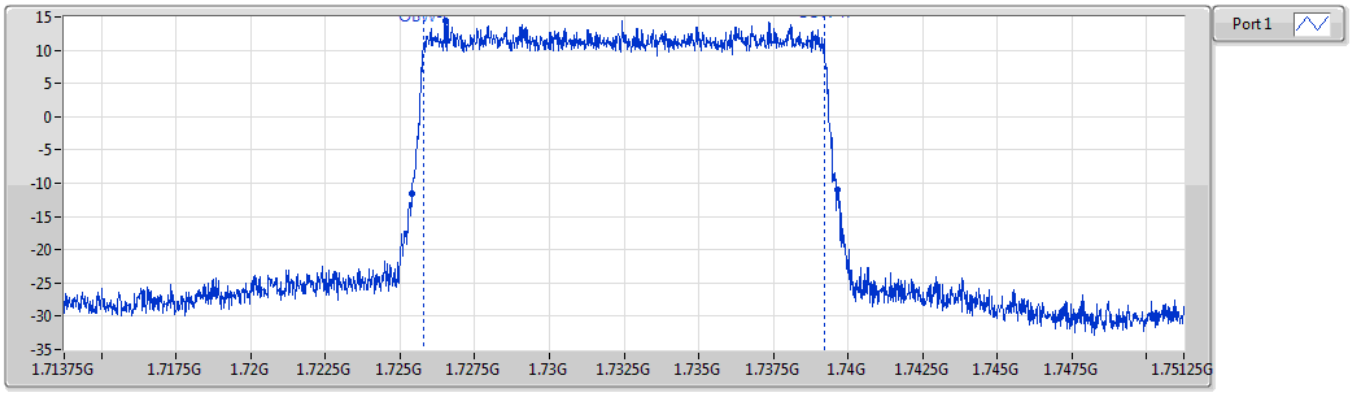
1717.5MHz_QPSK_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.213M	1.710431G	1.724644G	13.402M	1.710806G	1.724208G	1	1.7175G	37.5M	150k	470k

Band 4_LTE_15MHz_Nss1,QPSK_1TX **EBW**

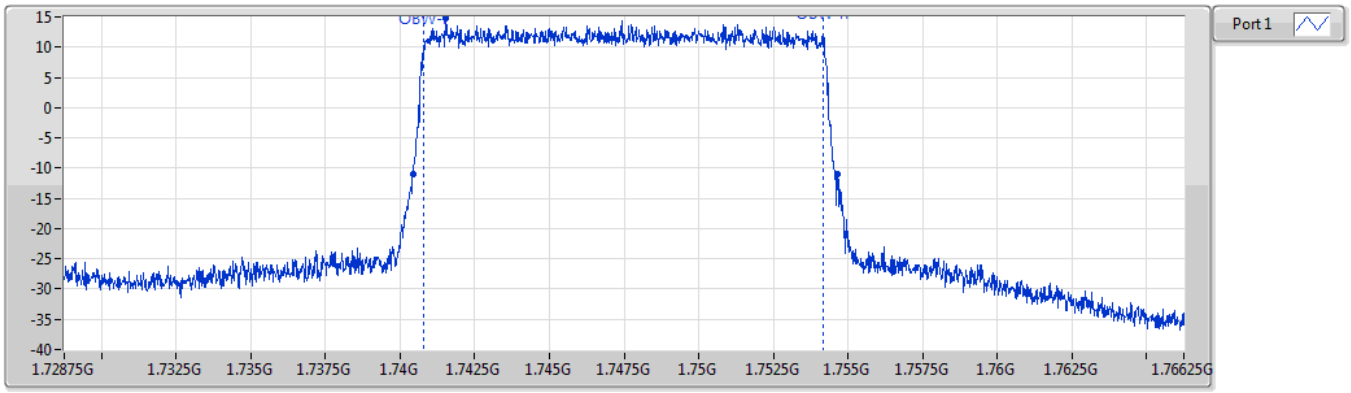
1732.5MHz_QPSK_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.269M	1.725394G	1.739663G	13.409M	1.72579G	1.739199G	1	1.7325G	37.5M	150k	470k

Band 4_LTE_15MHz_Nss1,QPSK_1TX **EBW**

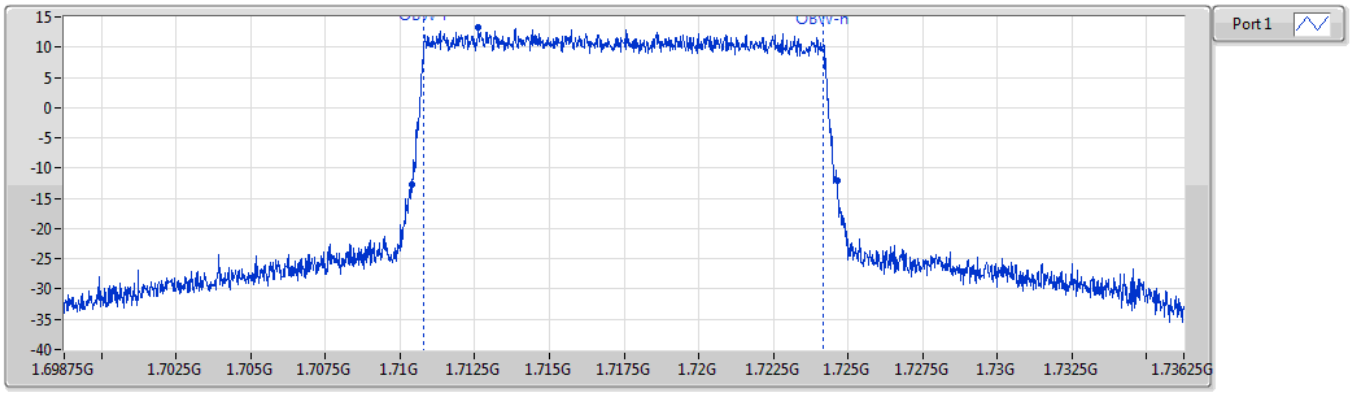
1747.5MHz_QPSK_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.231M	1.740431G	1.754663G	13.38M	1.740807G	1.754188G	1	1.7475G	37.5M	150k	470k

Band 4_LTE_15MHz_Nss1,16QAM_1TX **EBW**

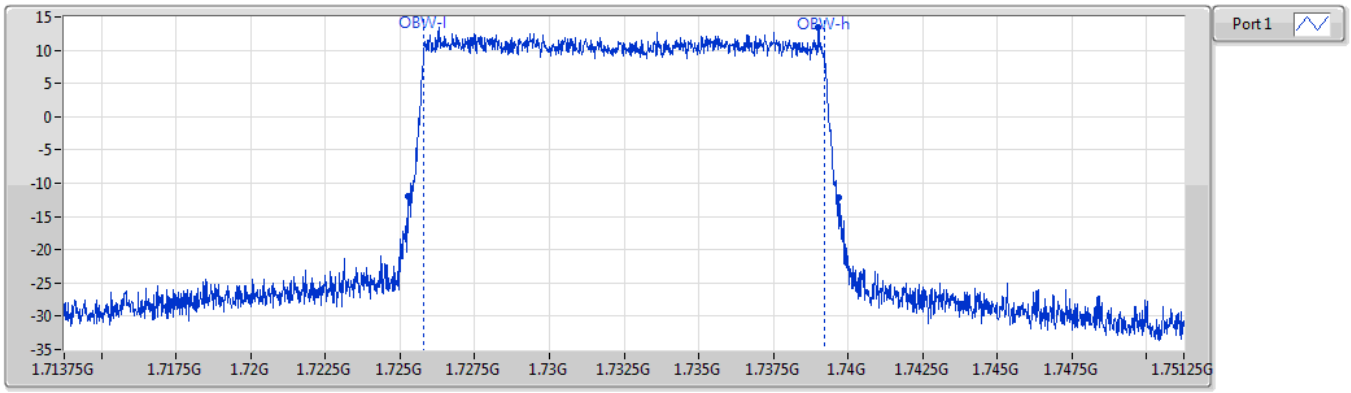
1717.5MHz_16QAM_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.269M	1.710375G	1.724644G	13.382M	1.710805G	1.724187G	1	1.7175G	37.5M	150k	470k

Band 4_LTE_15MHz_Nss1,16QAM_1TX **EBW**

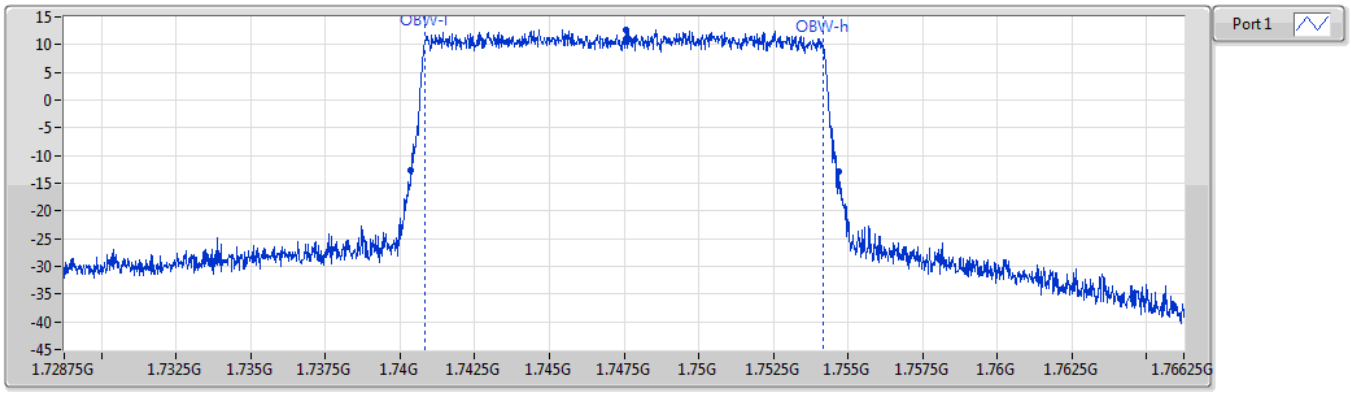
1732.5MHz_16QAM_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.419M	1.725263G	1.739681G	13.39M	1.725807G	1.739197G	1	1.7325G	37.5M	150k	470k

Band 4_LTE_15MHz_Nss1,16QAM_1TX **EBW**

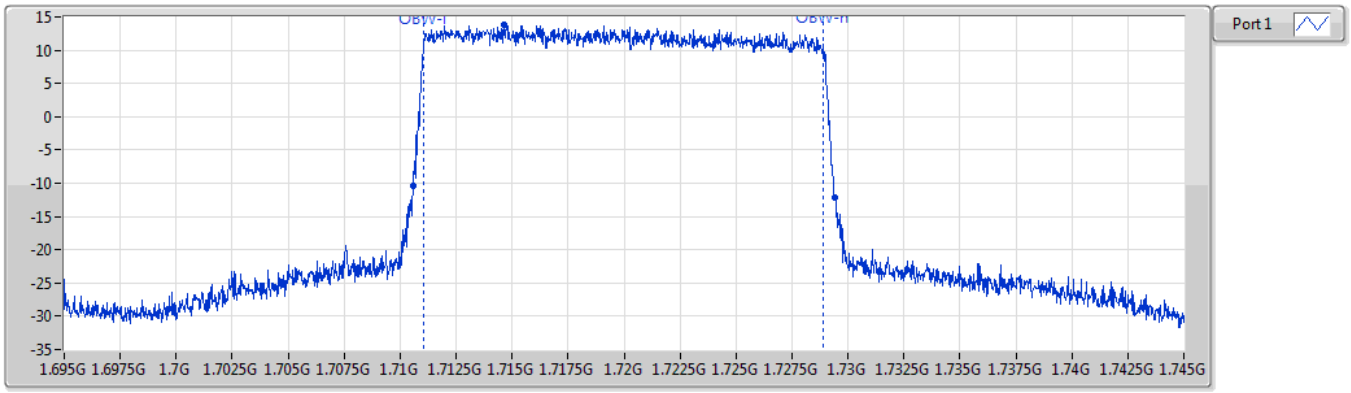
1747.5MHz_16QAM_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.325M	1.740356G	1.754681G	13.365M	1.740812G	1.754177G	1	1.7475G	37.5M	150k	470k

Band 4_LTE_20MHz_Nss1,QPSK_1TX **EBW**

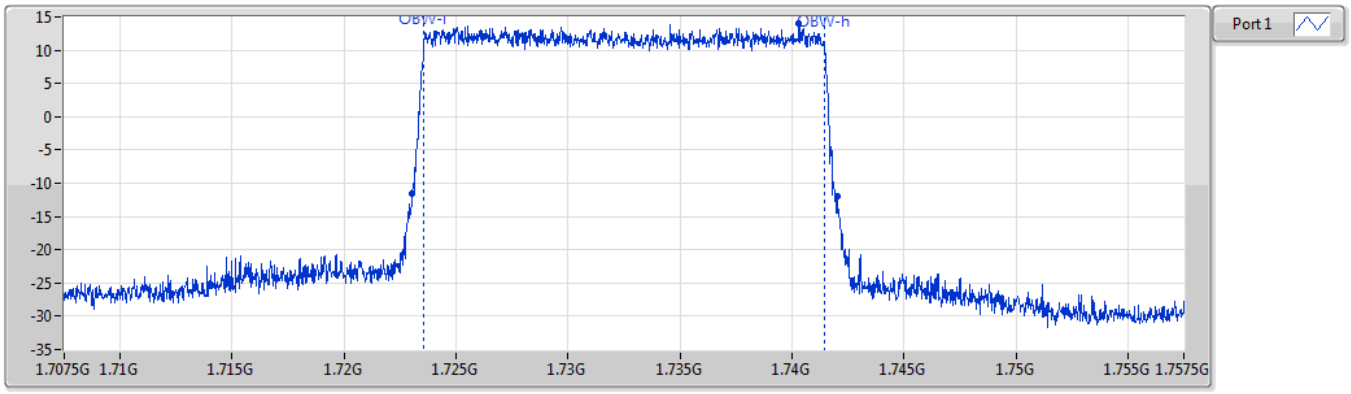
1720MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.85M	1.710575G	1.729425G	17.832M	1.711069G	1.728901G	1	1.72G	50M	200k	620k

Band 4_LTE_20MHz_Nss1,QPSK_1TX **EBW**

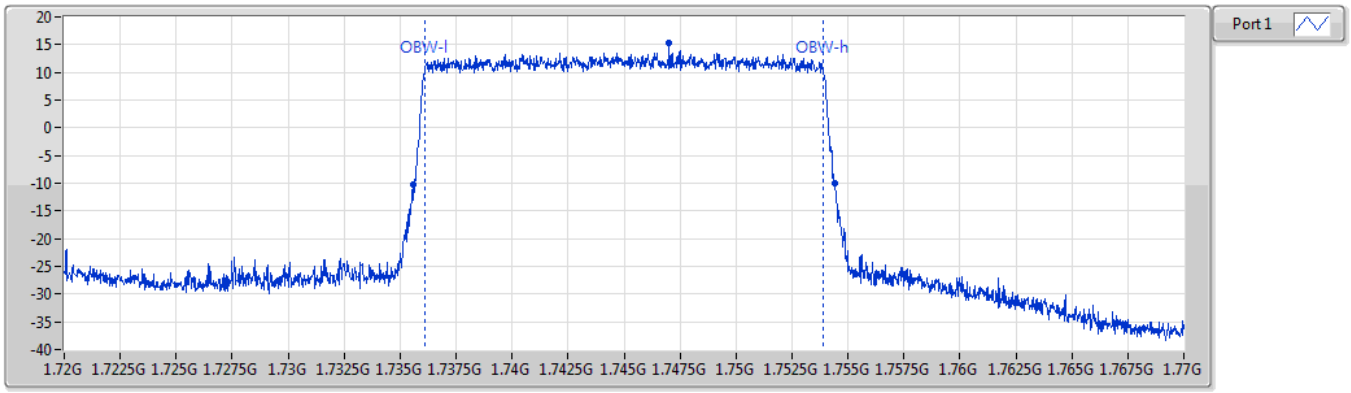
1732.5MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.975M	1.72305G	1.742025G	17.856M	1.723575G	1.741431G	1	1.7325G	50M	200k	620k

Band 4_LTE_20MHz_Nss1,QPSK_1TX **EBW**

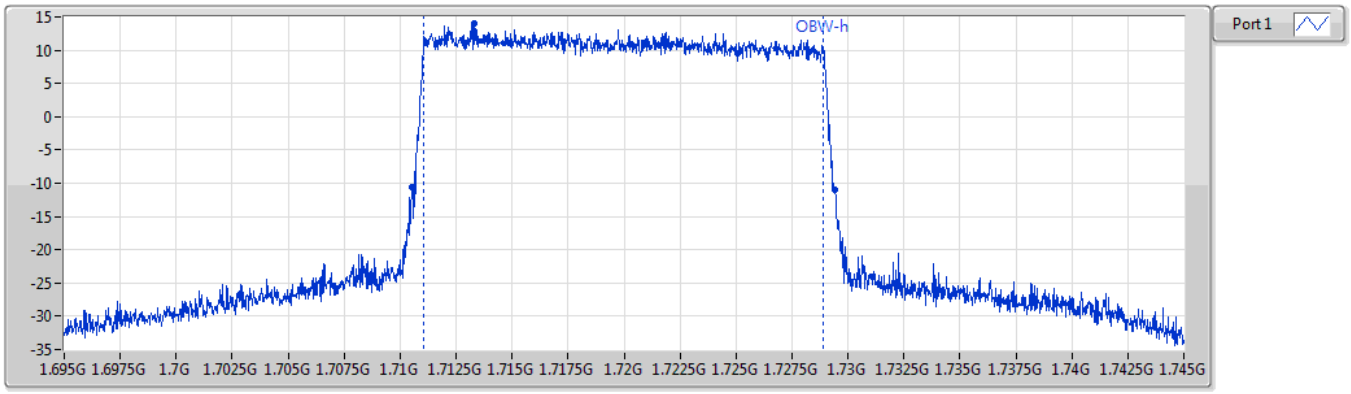
1745MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.825M	1.7356G	1.754425G	17.802M	1.736098G	1.7539G	1	1.745G	50M	200k	620k

Band 4_LTE_20MHz_Nss1,16QAM_1TX **EBW**

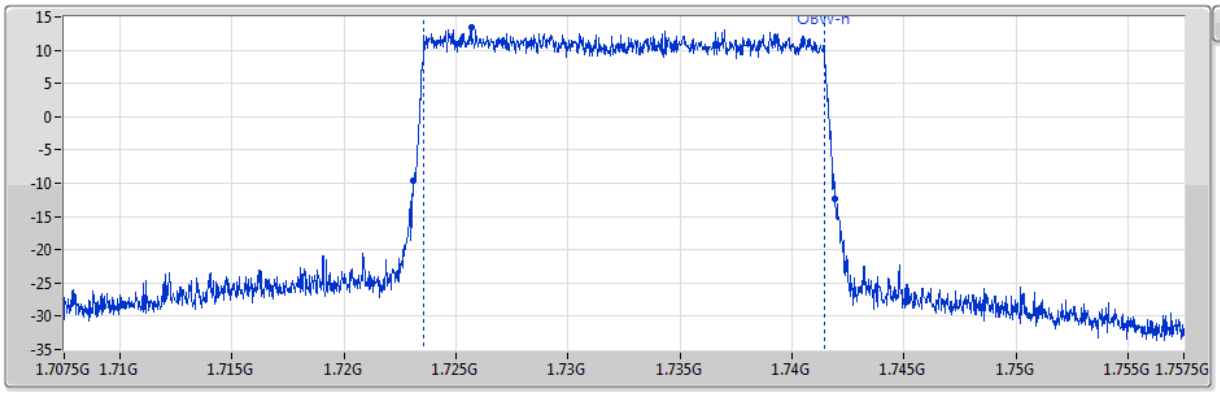
1720MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.925M	1.7105G	1.729425G	17.844M	1.711054G	1.728897G	1	1.72G	50M	200k	620k

Band 4_LTE_20MHz_Nss1,16QAM_1TX **EBW**

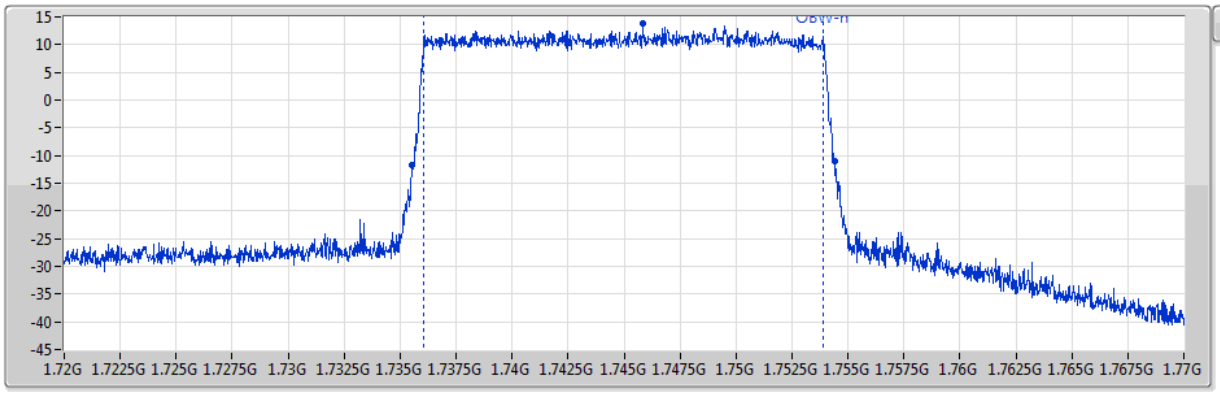
1732.5MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.85M	1.723075G	1.741925G	17.856M	1.723566G	1.741423G	1	1.7325G	50M	200k	620k

Band 4_LTE_20MHz_Nss1,16QAM_1TX **EBW**

1745MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.9M	1.735525G	1.754425G	17.84M	1.736074G	1.753914G	1	1.745G	50M	200k	620k

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 4	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	4.94	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	5.58	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	5.00	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	5.82	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	5.15	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	5.85	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	5.17	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	5.79	1
LTE_15MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	5.30	1
LTE_15MHz_Nss1,16QAM_1TX	Pass	1747.5	13.00	5.90	1
LTE_20MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	5.28	1
LTE_20MHz_Nss1,16QAM_1TX	Pass	1745	13.00	6.04	1

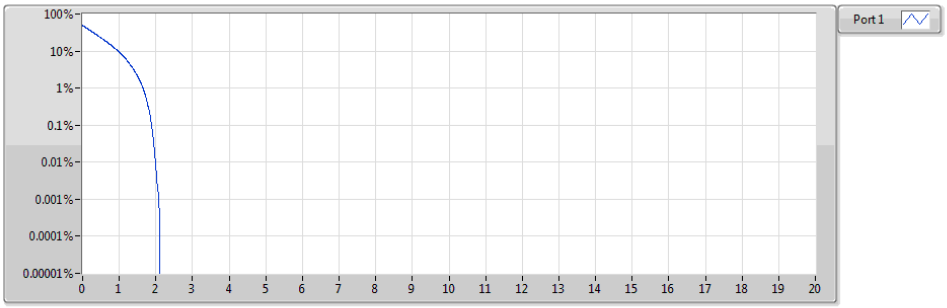
Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 4_LTE_1.4MHz_Nss1_1TX	-	-	-	-	-
1710.7MHz_QPSK_RB 6,#RB 0	Pass	1710.7	13.00	4.70	1
1732.5MHz_QPSK_RB 6,#RB 0	Pass	1732.5	13.00	4.94	1
1754.3MHz_QPSK_RB 6,#RB 0	Pass	1754.3	13.00	4.29	1
1710.7MHz_16QAM_RB 6,#RB 0	Pass	1710.7	13.00	5.49	1
1732.5MHz_16QAM_RB 6,#RB 0	Pass	1732.5	13.00	5.58	1
1754.3MHz_16QAM_RB 6,#RB 0	Pass	1754.3	13.00	5.12	1
Band 4_LTE_3MHz_Nss1_1TX	-	-	-	-	-
1711.5MHz_QPSK_RB 15,#RB 0	Pass	1711.5	13.00	4.77	1
1732.5MHz_QPSK_RB 15,#RB 0	Pass	1732.5	13.00	5.00	1
1753.5MHz_QPSK_RB 15,#RB 0	Pass	1753.5	13.00	4.49	1
1711.5MHz_16QAM_RB 15,#RB 0	Pass	1711.5	13.00	4.76	1
1732.5MHz_16QAM_RB 15,#RB 0	Pass	1732.5	13.00	5.82	1
1753.5MHz_16QAM_RB 15,#RB 0	Pass	1753.5	13.00	5.40	1
Band 4_LTE_5MHz_Nss1_1TX	-	-	-	-	-
1712.5MHz_QPSK_RB 25,#RB 0	Pass	1712.5	13.00	4.75	1
1732.5MHz_QPSK_RB 25,#RB 0	Pass	1732.5	13.00	5.15	1
1752.5MHz_QPSK_RB 25,#RB 0	Pass	1752.5	13.00	4.61	1

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
1712.5MHz_16QAM_RB 25,#RB 0	Pass	1712.5	13.00	5.56	1
1732.5MHz_16QAM_RB 25,#RB 0	Pass	1732.5	13.00	5.85	1
1752.5MHz_16QAM_RB 25,#RB 0	Pass	1752.5	13.00	5.45	1
Band 4_LTE_10MHz_Nss1_1TX	-	-	-	-	-
1715MHz_QPSK_RB 50,#RB 0	Pass	1715	13.00	4.75	1
1732.5MHz_QPSK_RB 50,#RB 0	Pass	1732.5	13.00	5.17	1
1750MHz_QPSK_RB 50,#RB 0	Pass	1750	13.00	4.89	1
1715MHz_16QAM_RB 50,#RB 0	Pass	1715	13.00	5.55	1
1732.5MHz_16QAM_RB 50,#RB 0	Pass	1732.5	13.00	5.79	1
1750MHz_16QAM_RB 50,#RB 0	Pass	1750	13.00	5.71	1
Band 4_LTE_15MHz_Nss1_1TX	-	-	-	-	-
1717.5MHz_QPSK_RB 75,#RB 0	Pass	1717.5	13.00	4.93	1
1732.5MHz_QPSK_RB 75,#RB 0	Pass	1732.5	13.00	5.30	1
1747.5MHz_QPSK_RB 75,#RB 0	Pass	1747.5	13.00	5.12	1
1717.5MHz_16QAM_RB 75,#RB 0	Pass	1717.5	13.00	5.68	1
1732.5MHz_16QAM_RB 75,#RB 0	Pass	1732.5	13.00	5.87	1
1747.5MHz_16QAM_RB 75,#RB 0	Pass	1747.5	13.00	5.90	1
Band 4_LTE_20MHz_Nss1_1TX	-	-	-	-	-
1720MHz_QPSK_RB 100,#RB 0	Pass	1720	13.00	5.09	1
1732.5MHz_QPSK_RB 100,#RB 0	Pass	1732.5	13.00	5.28	1
1745MHz_QPSK_RB 100,#RB 0	Pass	1745	13.00	5.22	1
1720MHz_16QAM_RB 100,#RB 0	Pass	1720	13.00	5.85	1
1732.5MHz_16QAM_RB 100,#RB 0	Pass	1732.5	13.00	6.01	1
1745MHz_16QAM_RB 100,#RB 0	Pass	1745	13.00	6.04	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **PAR**

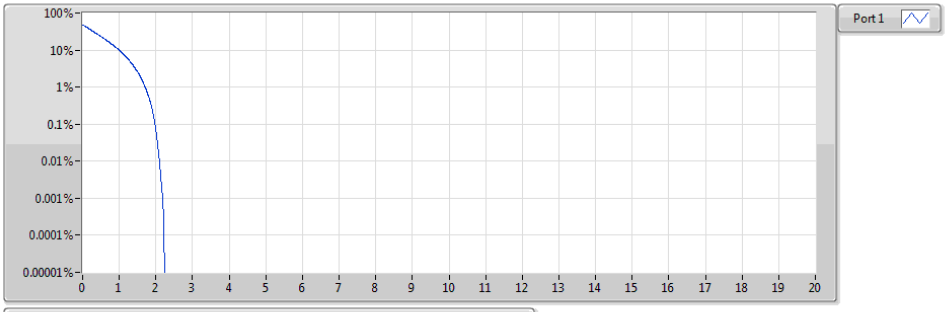
1710.7MHz_QPSK_RB 6,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1710.7	20M	4.70	-8.30	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **PAR**

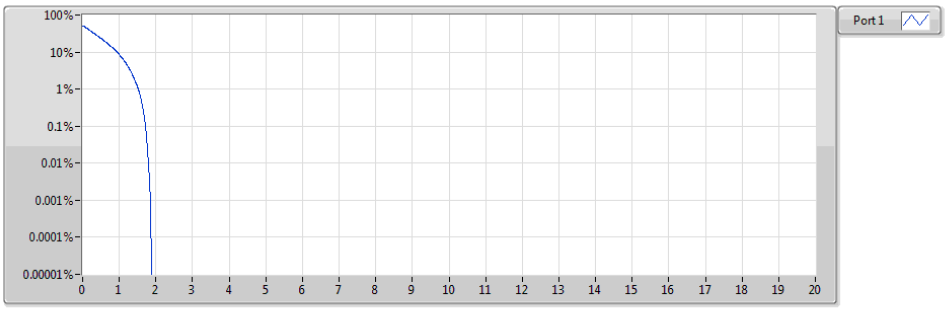
1732.5MHz_QPSK_RB 6,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	4.94	-8.06	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX **PAR**

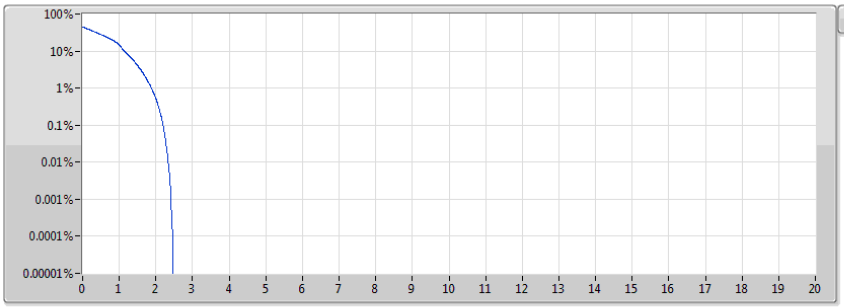
1754.3MHz_QPSK_RB 6,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1754.3	20M	4.29	-8.71	13.00	1

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **PAR**

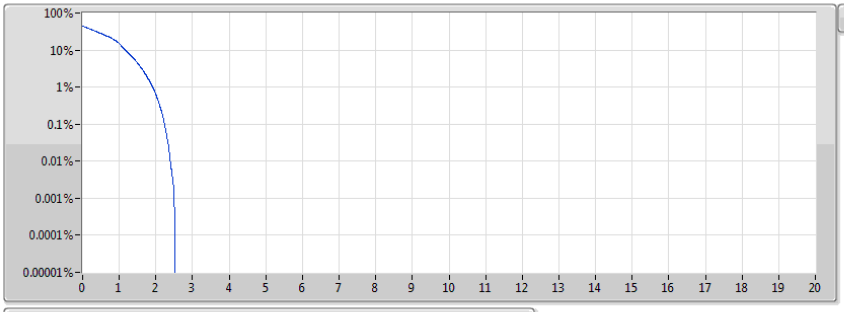
1710.7MHz_16QAM_RB 6,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1710.7	20M	5.49	-7.51	13.00	1

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **PAR**

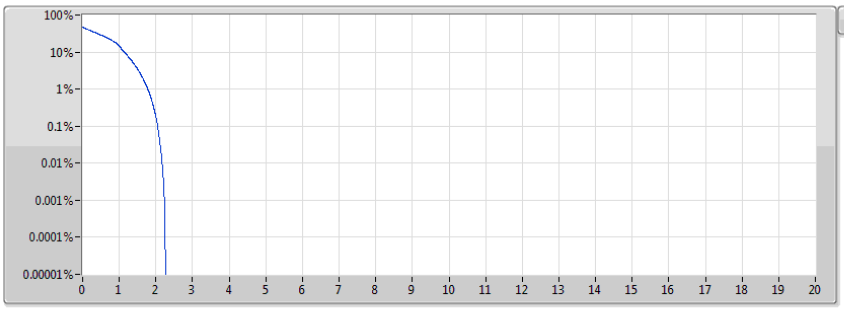
1732.5MHz_16QAM_RB 6,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.58	-7.42	13.00	1

Band 4_LTE_1.4MHz_Nss1,16QAM_1TX **PAR**

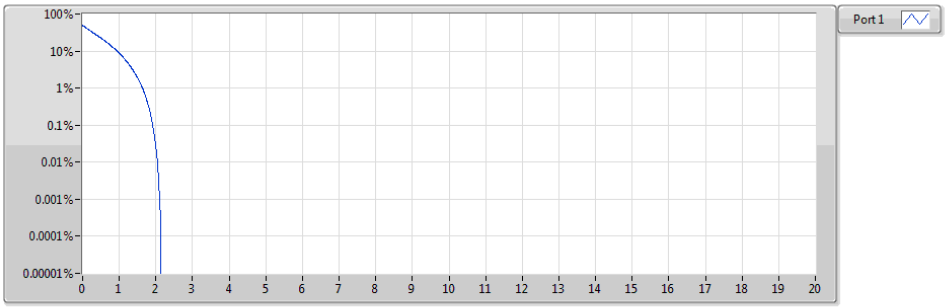
1754.3MHz_16QAM_RB 6,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1754.3	20M	5.12	-7.88	13.00	1

Band 4_LTE_3MHz_Nss1,QPSK_1TX **PAR**

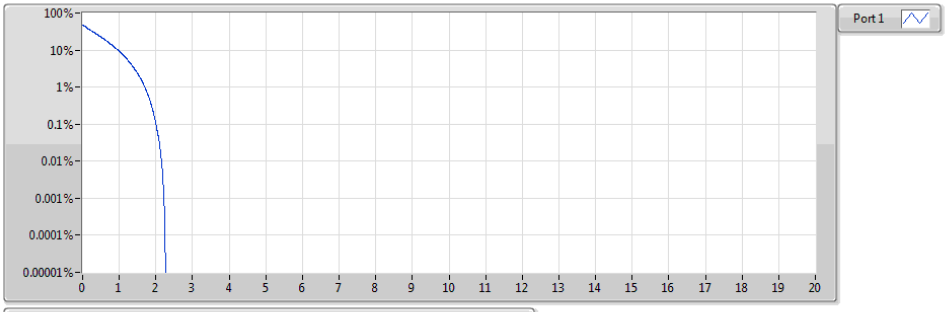
1711.5MHz_QPSK_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1711.5	20M	4.77	-8.23	13.00	1

Band 4_LTE_3MHz_Nss1,QPSK_1TX **PAR**

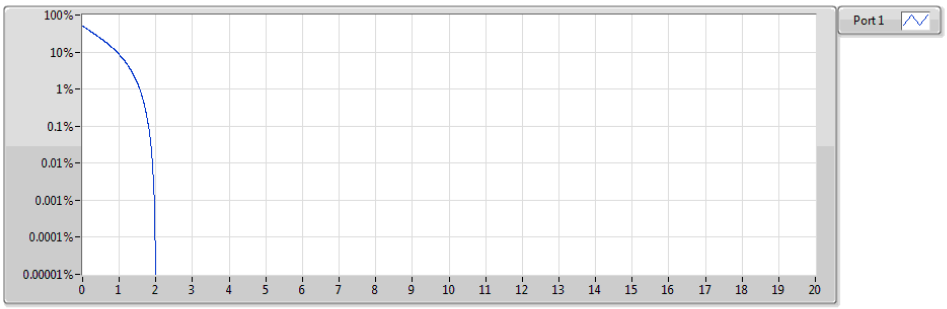
1732.5MHz_QPSK_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.00	-8.00	13.00	1

Band 4_LTE_3MHz_Nss1,QPSK_1TX **PAR**

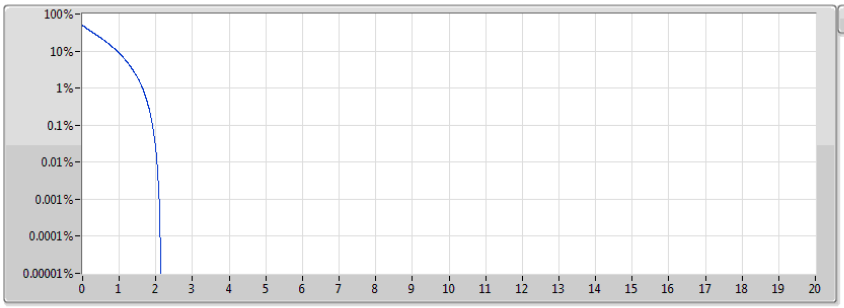
1753.5MHz_QPSK_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1753.5	20M	4.49	-8.51	13.00	1

Band 4_LTE_3MHz_Nss1,16QAM_1TX **PAR**

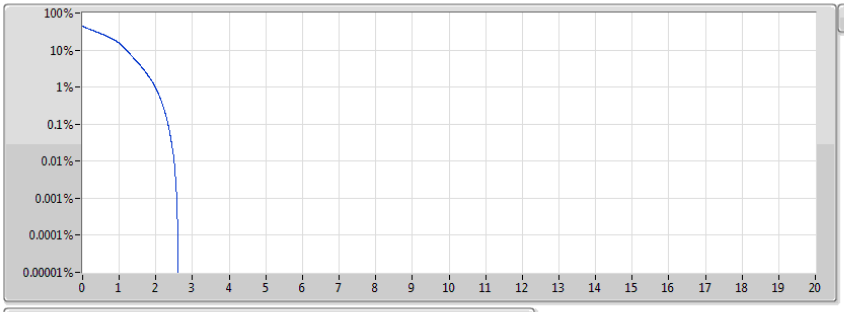
1711.5MHz_16QAM_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1711.5	20M	4.76	-8.24	13.00	1

Band 4_LTE_3MHz_Nss1,16QAM_1TX **PAR**

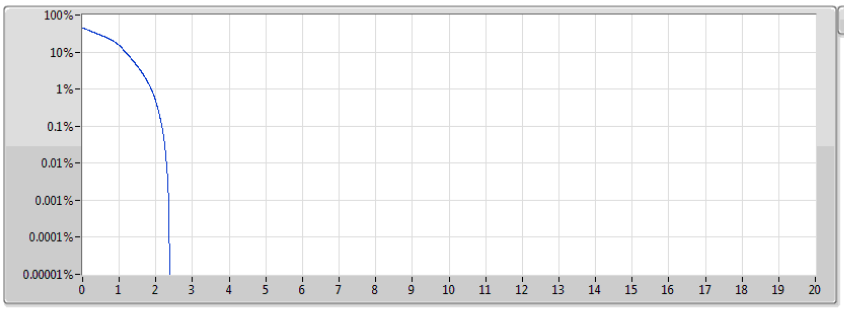
1732.5MHz_16QAM_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.82	-7.18	13.00	1

Band 4_LTE_3MHz_Nss1,16QAM_1TX **PAR**

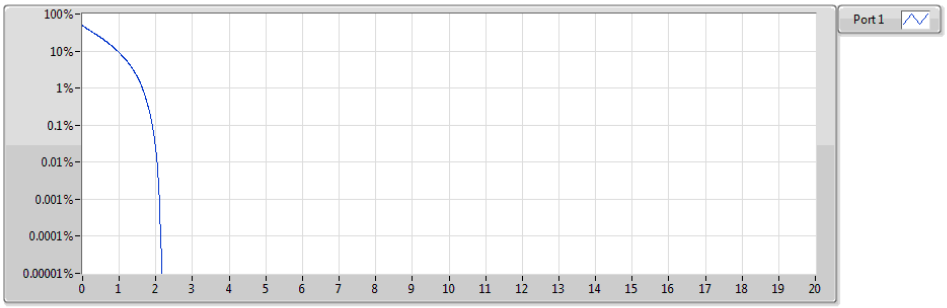
1753.5MHz_16QAM_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1753.5	20M	5.40	-7.60	13.00	1

Band 4_LTE_5MHz_Nss1,QPSK_1TX **PAR**

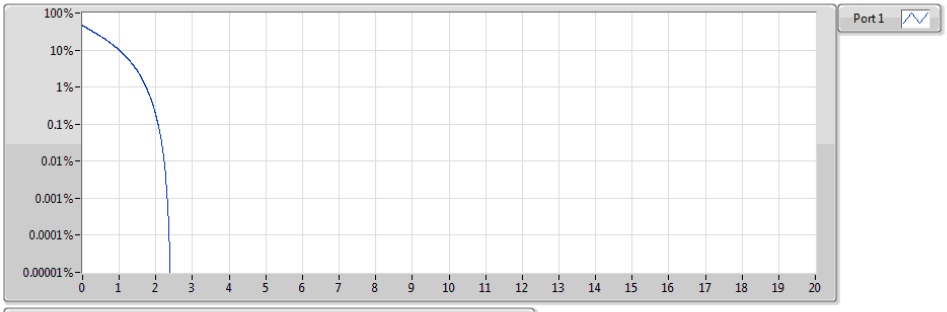
1712.5MHz_QPSK_RB 25,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1712.5	20M	4.75	-8.25	13.00	1

Band 4_LTE_5MHz_Nss1,QPSK_1TX **PAR**

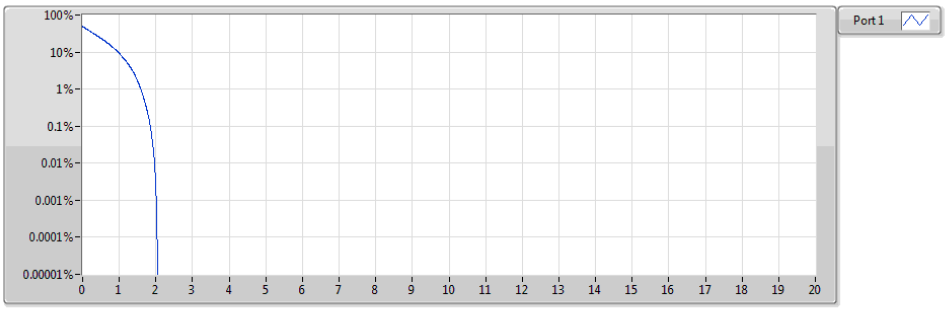
1732.5MHz_QPSK_RB 25,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.15	-7.85	13.00	1

Band 4_LTE_5MHz_Nss1,QPSK_1TX **PAR**

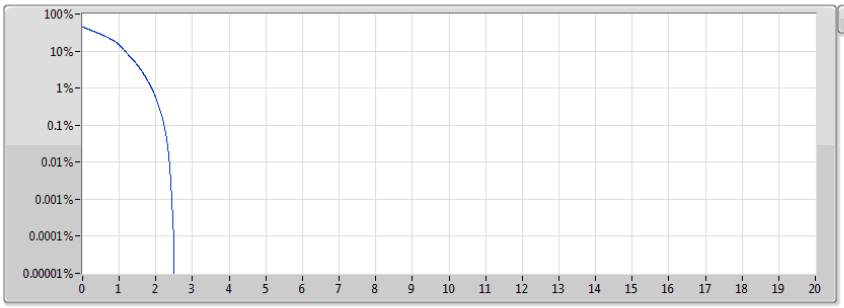
1752.5MHz_QPSK_RB 25,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1752.5	20M	4.61	-8.39	13.00	1

Band 4_LTE_5MHz_Nss1,16QAM_1TX **PAR**

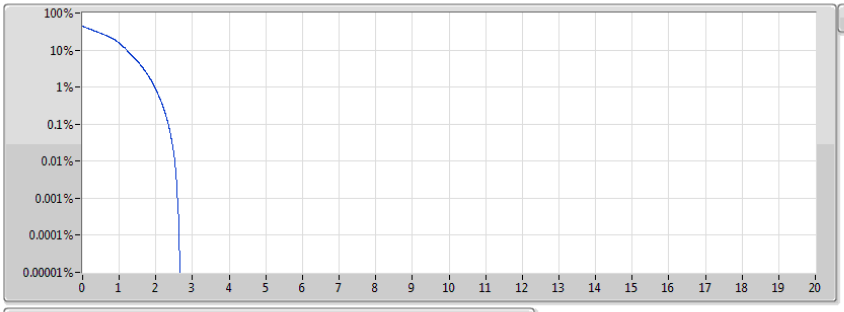
1712.5MHz_16QAM_RB 25,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1712.5	20M	5.56	-7.44	13.00	1

Band 4_LTE_5MHz_Nss1,16QAM_1TX **PAR**

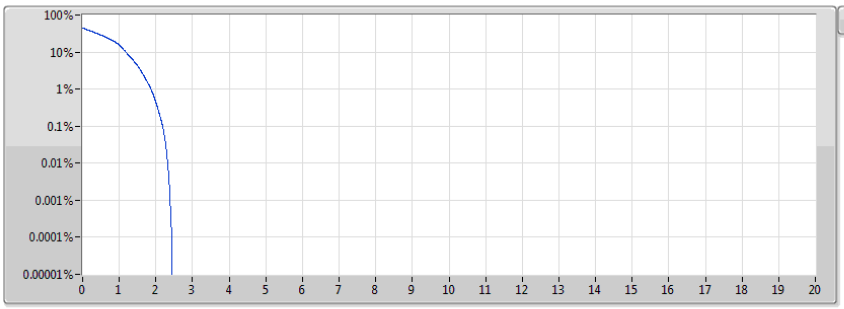
1732.5MHz_16QAM_RB 25,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.85	-7.15	13.00	1

Band 4_LTE_5MHz_Nss1,16QAM_1TX **PAR**

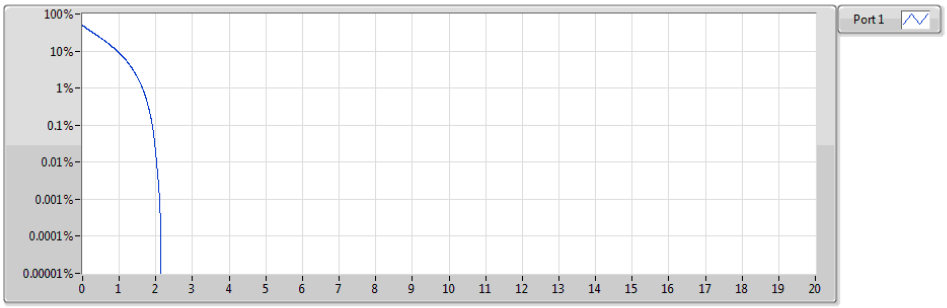
1752.5MHz_16QAM_RB 25,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1752.5	20M	5.45	-7.55	13.00	1

Band 4_LTE_10MHz_Nss1,QPSK_1TX **PAR**

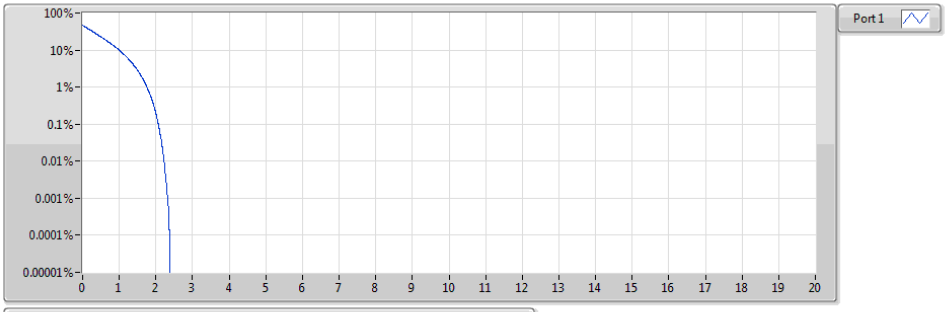
1715MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1715	20M	4.75	-8.25	13.00	1

Band 4_LTE_10MHz_Nss1,QPSK_1TX **PAR**

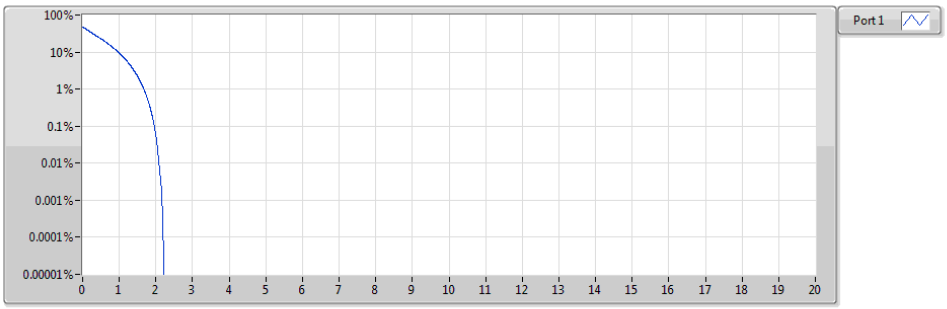
1732.5MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.17	-7.83	13.00	1

Band 4_LTE_10MHz_Nss1,QPSK_1TX **PAR**

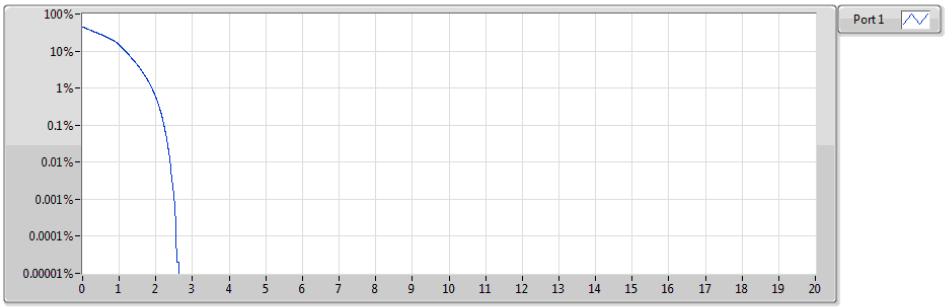
1750MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1750	20M	4.89	-8.11	13.00	1

Band 4_LTE_10MHz_Nss1,16QAM_1TX **PAR**

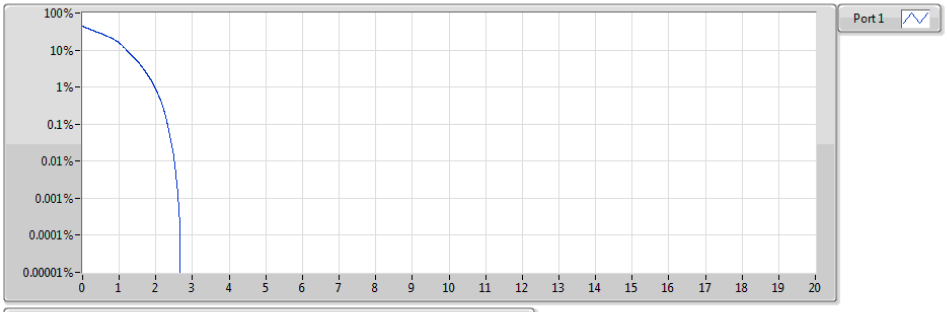
1715MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1715	20M	5.55	-7.45	13.00	1

Band 4_LTE_10MHz_Nss1,16QAM_1TX **PAR**

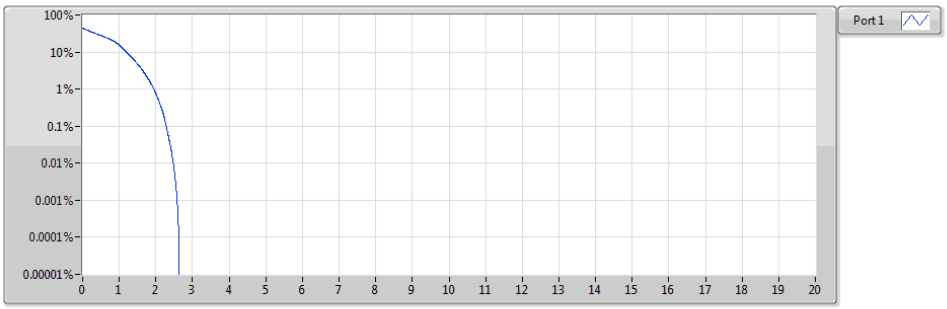
1732.5MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.79	-7.21	13.00	1

Band 4_LTE_10MHz_Nss1,16QAM_1TX **PAR**

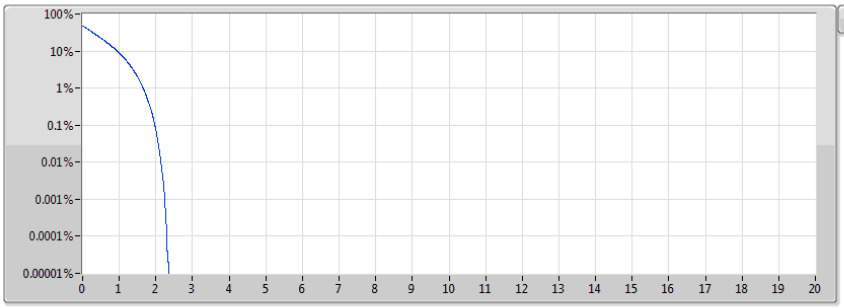
1750MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1750	20M	5.71	-7.29	13.00	1

Band 4_LTE_15MHz_Nss1,QPSK_1TX **PAR**

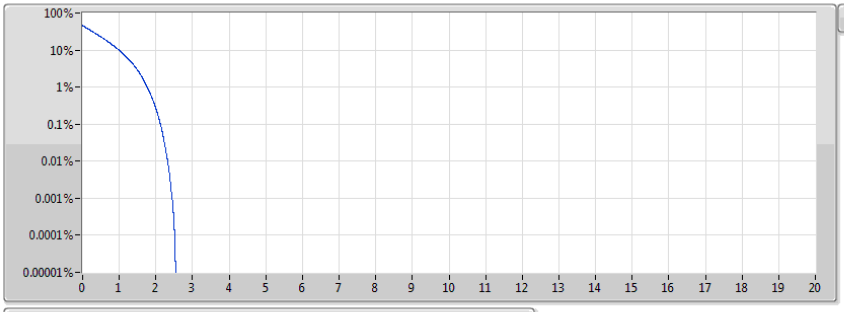
1717.5MHz_QPSK_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1717.5	20M	4.93	-8.07	13.00	1

Band 4_LTE_15MHz_Nss1,QPSK_1TX **PAR**

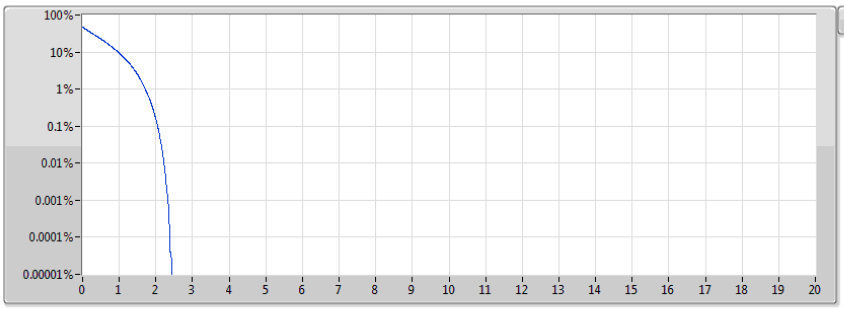
1732.5MHz_QPSK_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.30	-7.70	13.00	1

Band 4_LTE_15MHz_Nss1,QPSK_1TX **PAR**

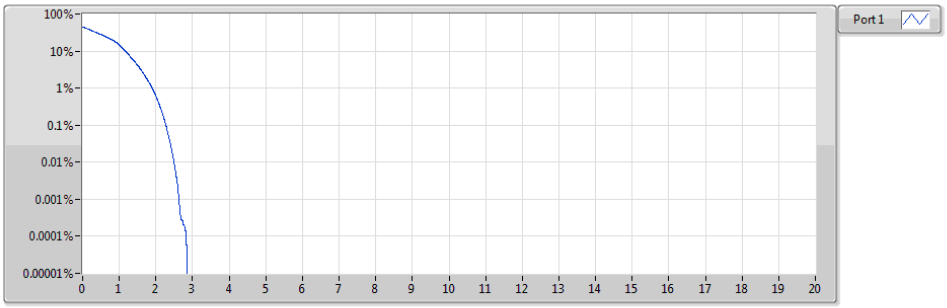
1747.5MHz_QPSK_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1747.5	20M	5.12	-7.88	13.00	1

Band 4_LTE_15MHz_Nss1,16QAM_1TX **PAR**

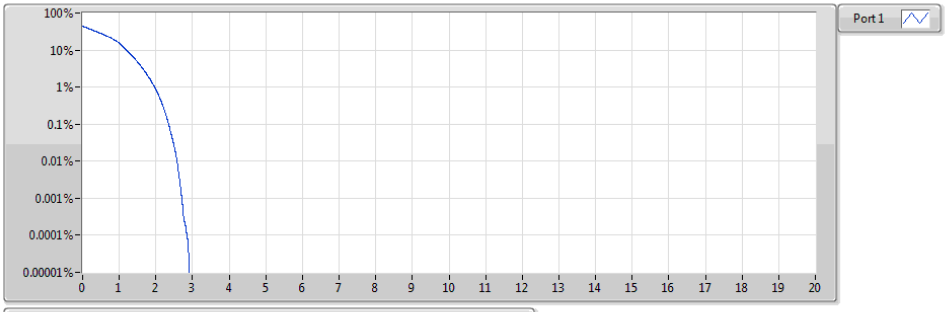
1717.5MHz_16QAM_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1717.5	20M	5.68	-7.32	13.00	1

Band 4_LTE_15MHz_Nss1,16QAM_1TX **PAR**

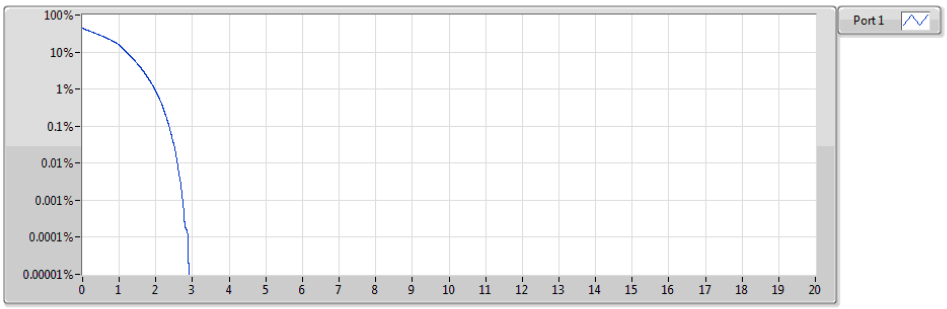
1732.5MHz_16QAM_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.87	-7.13	13.00	1

Band 4_LTE_15MHz_Nss1,16QAM_1TX **PAR**

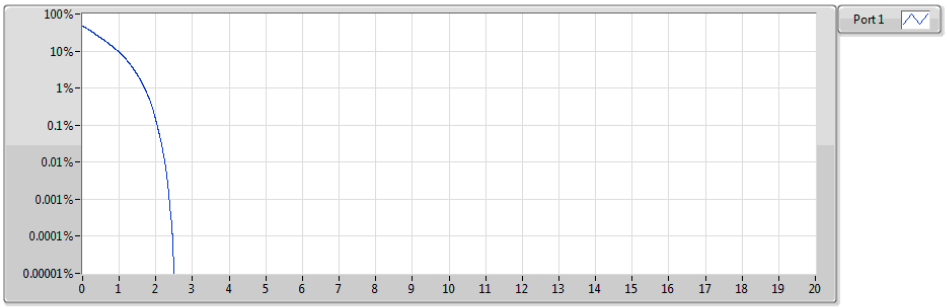
1747.5MHz_16QAM_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1747.5	20M	5.90	-7.10	13.00	1

Band 4_LTE_20MHz_Nss1,QPSK_1TX **PAR**

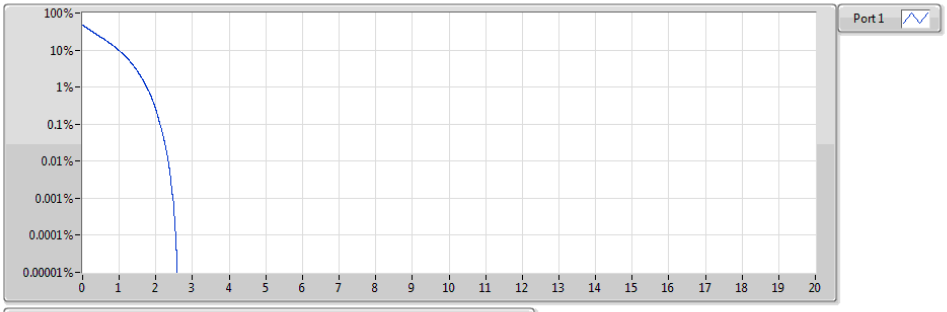
1720MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1720	20M	5.09	-7.91	13.00	1

Band 4_LTE_20MHz_Nss1,QPSK_1TX **PAR**

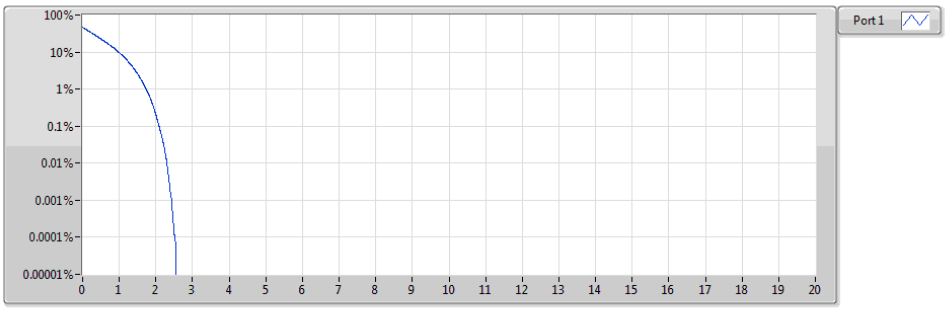
1732.5MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	5.28	-7.72	13.00	1

Band 4_LTE_20MHz_Nss1,QPSK_1TX **PAR**

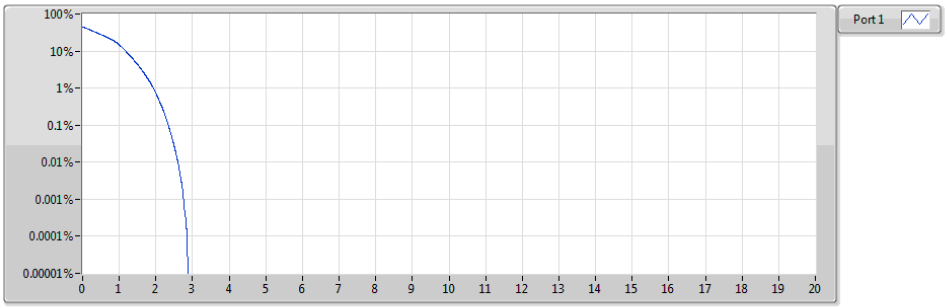
1745MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1745	20M	5.22	-7.78	13.00	1

Band 4_LTE_20MHz_Nss1,16QAM_1TX **PAR**

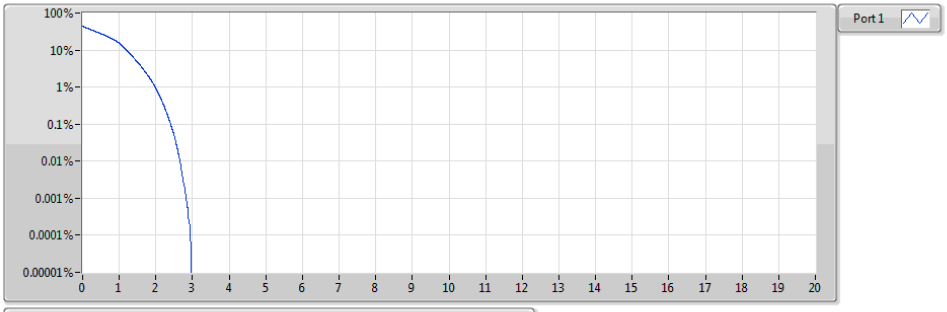
1720MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1720	20M	5.85	-7.15	13.00	1

Band 4_LTE_20MHz_Nss1,16QAM_1TX **PAR**

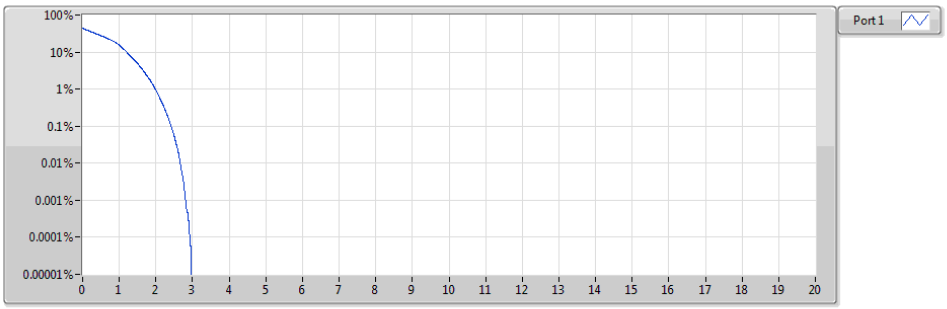
1732.5MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	20M	6.01	-6.99	13.00	1

Band 4_LTE_20MHz_Nss1,16QAM_1TX **PAR**

1745MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1745	20M	6.04	-6.96	13.00	1

Band 4_LTE_1.4MHz_Nss1_1TX				
Temperature (°C)	1710.7MHz		1754.3MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.013	1710.158977	-0.014	1754.840976
T20°CVmin	-0.012	1710.158979	-0.015	1754.840974
T50°CVnom	-0.011	1710.158981	-0.013	1754.840978
T40°CVnom	-0.009	1710.158984	-0.014	1754.840975
T30°CVnom	-0.011	1710.158982	-0.013	1754.840977
T20°CVnom	-0.010	1710.158983	-0.012	1754.840979
T10°CVnom	-0.009	1710.158985	-0.010	1754.840982
T0°CVnom	-0.011	1710.158982	-0.011	1754.840980
T-10°CVnom	-0.008	1710.158987	-0.011	1754.840981
T-20°CVnom	-0.006	1710.158989	-0.009	1754.840984
T-30°CVnom	-0.008	1710.158987	-0.008	1754.840986
Limit		>1710MHz		<1755MHz

Band 4_LTE_3MHz_Nss1_1TX				
Temperature (°C)	1711.5MHz		1753.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.011	1710.162982	-0.010	1754.837983
T20°CVmin	-0.012	1710.162980	-0.011	1754.837981
T50°CVnom	-0.013	1710.162978	-0.012	1754.837979
T40°CVnom	-0.013	1710.162977	-0.013	1754.837978
T30°CVnom	-0.012	1710.162979	-0.011	1754.837980
T20°CVnom	-0.012	1710.162980	-0.011	1754.837981
T10°CVnom	-0.011	1710.162981	-0.010	1754.837983
T0°CVnom	-0.012	1710.162979	-0.010	1754.837982
T-10°CVnom	-0.011	1710.162982	-0.009	1754.837984
T-20°CVnom	-0.009	1710.162984	-0.009	1754.837985
T-30°CVnom	-0.009	1710.162984	-0.007	1754.837988
Limit		>1710MHz		<1755MHz

Band 4_LTE_5MHz_Nss1_1TX				
Temperature (°C)	1712.5MHz		1752.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.013	1710.267978	-0.012	1754.730979
T20°CVmin	-0.014	1710.267976	-0.011	1754.730980
T50°CVnom	-0.013	1710.267977	-0.013	1754.730978
T40°CVnom	-0.015	1710.267975	-0.012	1754.730979
T30°CVnom	-0.012	1710.267979	-0.011	1754.730981
T20°CVnom	-0.013	1710.267977	-0.010	1754.730983
T10°CVnom	-0.011	1710.267982	-0.009	1754.730984
T0°CVnom	-0.011	1710.267981	-0.011	1754.730981
T-10°CVnom	-0.009	1710.267985	-0.009	1754.730985
T-20°CVnom	-0.010	1710.267983	-0.007	1754.730987
T-30°CVnom	-0.009	1710.267984	-0.008	1754.730986
Limit		>1710MHz		<1755MHz

Band 4_LTE_10MHz_Nss1_1TX				
Temperature (°C)	1715MHz		1750MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.010	1710.540983	-0.009	1754.459984
T20°CVmin	-0.011	1710.540981	-0.010	1754.459983
T50°CVnom	-0.011	1710.540981	-0.011	1754.459981
T40°CVnom	-0.012	1710.540980	-0.010	1754.459982
T30°CVnom	-0.010	1710.540982	-0.010	1754.459983
T20°CVnom	-0.010	1710.540983	-0.009	1754.459985
T10°CVnom	-0.009	1710.540984	-0.007	1754.459987
T0°CVnom	-0.009	1710.540985	-0.007	1754.459988
T-10°CVnom	-0.006	1710.540989	-0.005	1754.459991
T-20°CVnom	-0.005	1710.540991	-0.006	1754.459989
T-30°CVnom	-0.005	1710.540992	-0.005	1754.459992
Limit		>1710MHz		<1755MHz

Band 4_LTE_15MHz_Nss1_1TX				
Temperature (°C)	1717.5MHz		1747.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.012	1710.804979	-0.014	1754.187975
T20°CVmin	-0.013	1710.804977	-0.015	1754.187974
T50°CVnom	-0.014	1710.804976	-0.016	1754.187972
T40°CVnom	-0.012	1710.804979	-0.014	1754.187976
T30°CVnom	-0.011	1710.804981	-0.012	1754.187979
T20°CVnom	-0.010	1710.804983	-0.013	1754.187977
T10°CVnom	-0.009	1710.804984	-0.014	1754.187976
T0°CVnom	-0.010	1710.804982	-0.011	1754.187981
T-10°CVnom	-0.008	1710.804986	-0.010	1754.187983
T-20°CVnom	-0.005	1710.804991	-0.009	1754.187985
T-30°CVnom	-0.003	1710.804995	-0.007	1754.187988
Limit		>1710MHz		<1755MHz

Band 4_LTE_20MHz_Nss1_1TX				
Temperature (°C)	1720MHz		1745MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.008	1711.053986	-0.009	1753.913985
T20°CVmin	-0.007	1711.053988	-0.009	1753.913984
T50°CVnom	-0.009	1711.053985	-0.010	1753.913982
T40°CVnom	-0.008	1711.053987	-0.009	1753.913985
T30°CVnom	-0.005	1711.053991	-0.008	1753.913986
T20°CVnom	-0.005	1711.053992	-0.005	1753.913991
T10°CVnom	-0.006	1711.053989	-0.007	1753.913987
T0°CVnom	-0.003	1711.053994	-0.006	1753.913989
T-10°CVnom	-0.002	1711.053997	-0.005	1753.913992
T-20°CVnom	-0.001	1711.053998	-0.002	1753.913997
T-30°CVnom	-0.003	1711.053995	-0.003	1753.913994
Limit		>1710MHz		<1755MHz