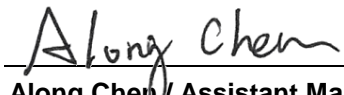


FCC Test Report

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 24 Subpart E
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:



Along Chen / Assistant Manager

Approved by:



Gary Chang / Manager



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APPENDIX D, J TEST RESULTS FOR OCCUPIED AND 26dB BANDWIDTH

APPENDIX E, K TEST RESULTS FOR PEAK TO AVERAGE POWER RATIO

APPENDIX F, L TEST RESULTS FOR FREQUENCY STABILITY

Release Record

Report No.	Version	Description	Issued Date
FG162103P24	Rev. 01	Initial issue	Nov. 16, 2021

Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 24.232(c)	Equivalent Isotropically Radiated Power	Power[dBm]: WCDMA: 23.70 LTE: 23.37	Pass
2.1053 / 24.238(a)	Radiated Emissions	Meet the requirement of limit	Pass
2.1051 / 24.238(a)	Conducted Emissions	Meet the requirement of limit	Pass
2.1051 / 24.238(a)	Band Edge	Meet the requirement of limit	Pass
2.1049	Occupied Bandwidth	Meet the requirement of limit	Pass
24.232(d)	Peak to Average Ratio	Meet the requirement of limit	Pass
2.1055 / 24.235	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	WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz LTE Band 2: 1850 MHz ~ 1910 MHz
Modulation	WCDMA AMR / RMC / HSDPA / HSUPA: BPSK (Uplink) LTE: 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	<input checked="" type="checkbox"/> Vnom (3.8 V)	<input checked="" type="checkbox"/> Vmax (3.99 V)	<input checked="" type="checkbox"/> Vmin (3.61 V)
Operational Climatic	<input checked="" type="checkbox"/> Tnom (20°C)	<input checked="" type="checkbox"/> Tmax (50°C)	<input checked="" type="checkbox"/> Tmin (-30°C)

1.1.4 Accessories

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

1.1.5 Maximum EIRP and Emission Designator

Mode	Maximum EIRP (W)	Emission Designator
WCDMA_5MHz_Nss1_1TX	0.234	4M18F9W
LTE_1.4MHz_Nss1,QPSK_1TX	0.213	1M08G7D
LTE_1.4MHz_Nss1,16QAM_1TX	0.183	1M08W7D
LTE_3MHz_Nss1,QPSK_1TX	0.210	2M68G7D
LTE_3MHz_Nss1,16QAM_1TX	0.185	2M68W7D
LTE_5MHz_Nss1,QPSK_1TX	0.211	4M47G7D
LTE_5MHz_Nss1,16QAM_1TX	0.185	4M46W7D
LTE_10MHz_Nss1,QPSK_1TX	0.212	8M95G7D
LTE_10MHz_Nss1,16QAM_1TX	0.191	8M94W7D
LTE_15MHz_Nss1,QPSK_1TX	0.212	13M4G7D
LTE_15MHz_Nss1,16QAM_1TX	0.189	13M4W7D
LTE_20MHz_Nss1,QPSK_1TX	0.217	17M9G7D
LTE_20MHz_Nss1,16QAM_1TX	0.187	17M9W7D

1.1.6 Operating Channel List

WCDMA Band II		
Channel Location	Channel	Frequency (MHz)
Low	9262	1852.4
Middle	9400	1880.0
High	9538	1907.6

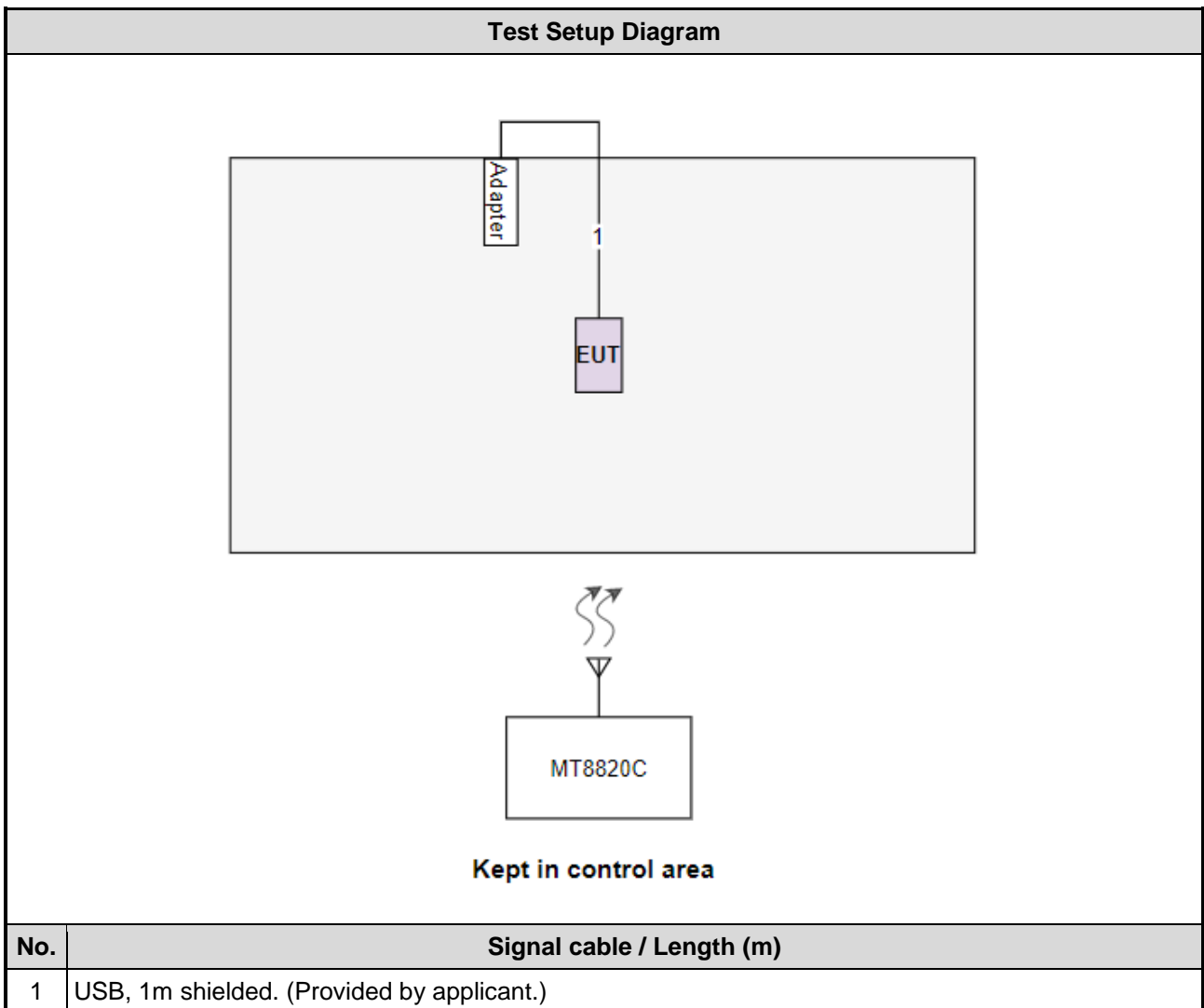
LTE Band 2		
Channel Bandwidth (MHz)	Channel	Frequency (MHz)
1.4	18607	1850.7
1.4	18900	1880.0
1.4	19193	1909.3
3	18615	1851.5
3	18900	1880.0
3	19185	1908.5
5	18625	1852.5
5	18900	1880.0
5	19175	1907.5
10	18650	1855.0
10	18900	1880.0
10	19150	1905.0
15	18675	1857.5
15	18900	1880.0
15	19125	1902.5
20	18700	1860.0
20	18900	1880.0
20	19100	1900.0

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



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 INSTRON	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 24 Subpart E
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	±1x10 ⁻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%	Roger Lu
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

WCDMA Band II		
Test item	Mode	Test channel
E.I.R.P	WCDMA BAND II	9262, 9400, 9538
Radiated Emission ≤ 1GHz	WCDMA BAND II	9538
Radiated Emission > 1GHz	WCDMA BAND II	9262, 9400, 9538
Conducted Emissions	WCDMA BAND II	9262, 9400, 9538
Band Edge	WCDMA BAND II	9262, 9538
Occupied Bandwidth	WCDMA BAND II	9262, 9400, 9538
Peak to Average Ratio	WCDMA BAND II	9262, 9400, 9538
Frequency Stability	WCDMA BAND II	9262, 9538
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.		

LTE Band 2			
Test item	Channel Bandwidth	Modulation	Test channel
E.I.R.P Conducted Emissions Occupied Bandwidth Peak to Average Ratio	1.4 MHz	QPSK / 16QAM	18607 / 18900 / 19193
	3 MHz	QPSK / 16QAM	18615 / 18900 / 19185
	5 MHz	QPSK / 16QAM	18625 / 18900 / 19175
	10 MHz	QPSK / 16QAM	18650 / 18900 / 19150
	15 MHz	QPSK / 16QAM	18675 / 18900 / 19125
	20 MHz	QPSK / 16QAM	18700 / 18900 / 19100
Radiated Emission ≤ 1GHz	1.4 MHz	QPSK	19193
	3 MHz	QPSK	19185
	5 MHz	QPSK	19175
	10 MHz	QPSK	19150
	15 MHz	QPSK	19125
	20 MHz	QPSK	18700
Radiated Emission > 1GHz	1.4 MHz	QPSK	18607 / 18900 / 19193
	3 MHz	QPSK	18615 / 18900 / 19185
	5 MHz	QPSK	18625 / 18900 / 19175
	10 MHz	QPSK	18650 / 18900 / 19150
	15 MHz	QPSK	18675 / 18900 / 19125
	20 MHz	QPSK	18700 / 18900 / 19100
Band Edge	1.4 MHz	QPSK / 16QAM	18607 / 19193
	3 MHz	QPSK / 16QAM	18615 / 19185
	5 MHz	QPSK / 16QAM	18625 / 19175
	10 MHz	QPSK / 16QAM	18650 / 19150
	15 MHz	QPSK / 16QAM	18675 / 19125
	20 MHz	QPSK / 16QAM	18700 / 19100
Frequency Stability	1.4 MHz	QPSK	18607 / 19193
	3 MHz	QPSK	18615 / 19185
	5 MHz	QPSK	18625 / 19175
	10 MHz	QPSK	18650 / 19150
	15 MHz	QPSK	18675 / 19125
	20 MHz	QPSK	18700 / 19100
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

Mobile and portable stations are limited to 2 watts EIRP.

3.1.2 Test Procedures

For E.I.R.P measurement

EIRP 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.

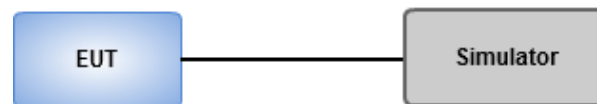
G_T = gain of the transmitting antenna, in dBi (EIRP).

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 / middle / 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, G.

3.2 Radiated Emissions

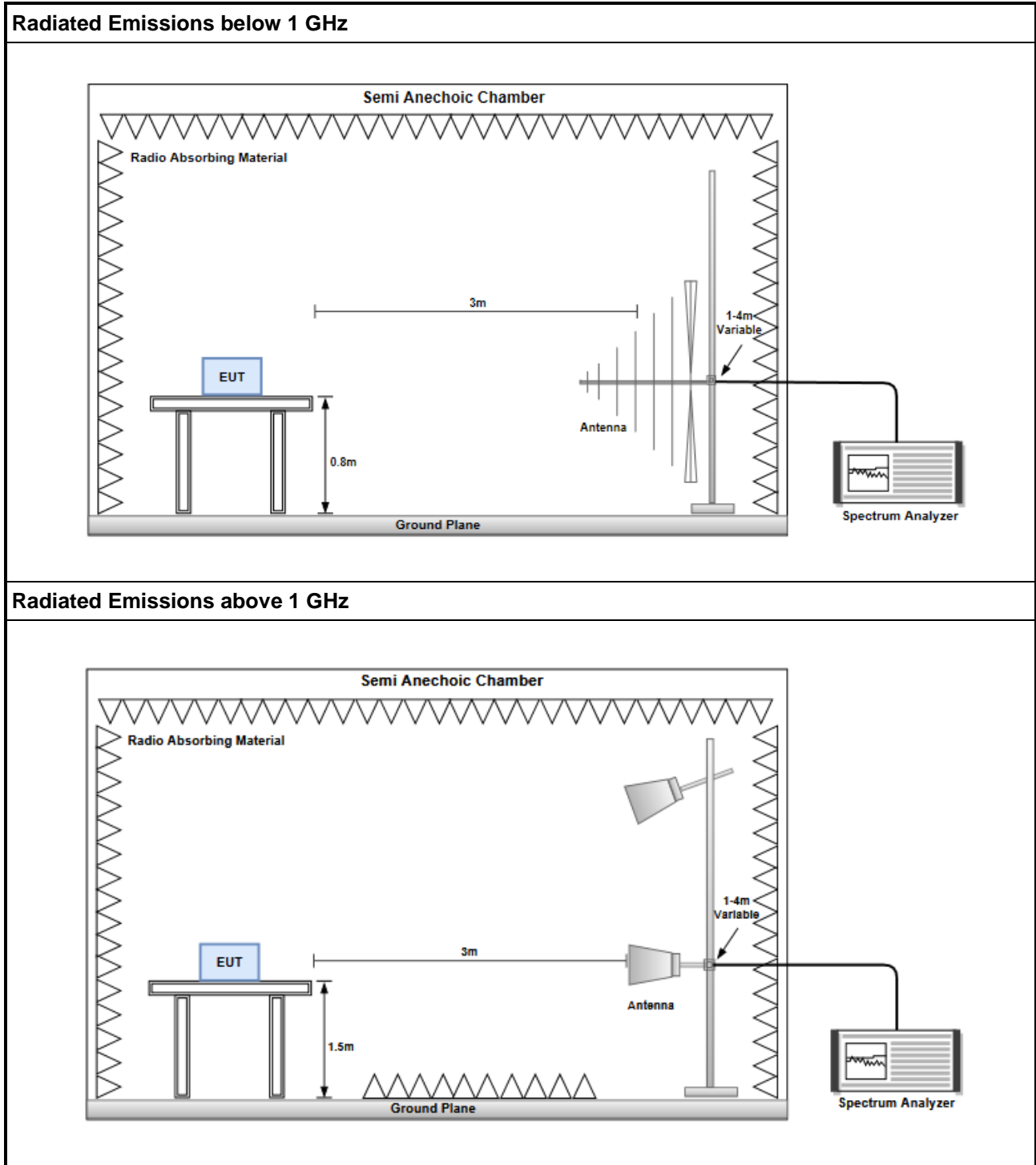
3.2.1 Limit of Radiated Emissions

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

3.2.2 Test Procedures

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

3.2.3 Test Setup



3.2.4 Test Result of Radiated Emissions

Refer to Appendix B, H.

3.3 Conducted Emissions & Band Edge

3.3.1 Limit of Conducted Emissions & Band Edge

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

3.3.2 Test Procedures

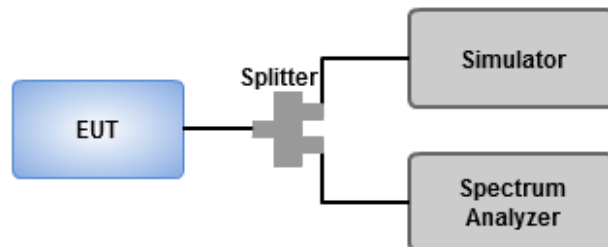
Out of band emission

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

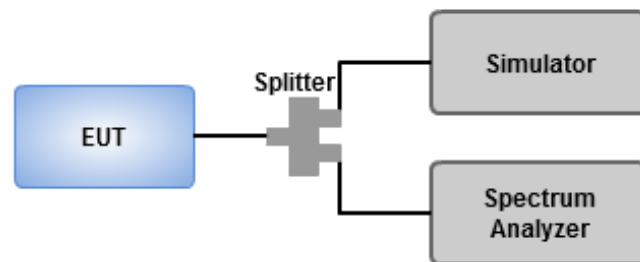
Refer to Appendix C.1, C.2, I.1, I.2.

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, J.

3.5 Peak to Average Ratio

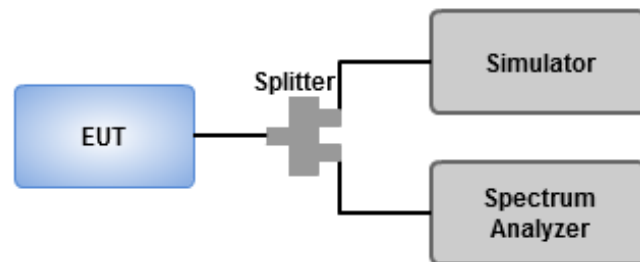
3.5.1 Limit of Peak to Average Ratio

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

3.5.2 Test Procedures

1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth.
2. Set the number of counts to a value that stabilizes the measured CCDF curve.
3. Set the measurement interval to 1 ms.
4. Record the maximum PAPR level associated with a probability of 0.1%.

3.5.3 Test Setup



3.5.4 Test Result of Peak to Average ratio

Refer to Appendix E, K.

3.6 Frequency Stability

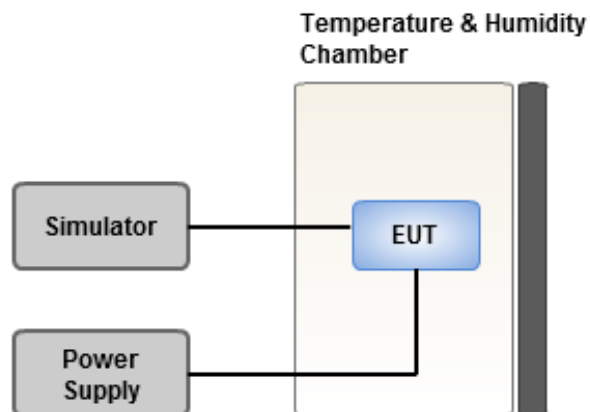
3.6.1 Limit of Frequency Stability

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

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. Tem 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, L.

4. Test laboratory information

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

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

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

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

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

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

Kwei Shan Site II

Tel: 886-3-271-8640

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

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

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==



Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 2	-	-	-	-
WCDMA AMR_5MHz_Nss1_1TX	21.80	0.151	23.66	0.23227
WCDMA RMC_5MHz_Nss1_1TX	21.84	0.153	23.70	0.23442
WCDMA HSDPA Subtest-1_5MHz_Nss1_1TX	20.83	0.121	22.69	0.18578
WCDMA HSDPA Subtest-2_5MHz_Nss1_1TX	20.76	0.119	22.62	0.18281
WCDMA HSDPA Subtest-3_5MHz_Nss1_1TX	20.30	0.107	22.16	0.16444
WCDMA HSDPA Subtest-4_5MHz_Nss1_1TX	20.29	0.107	22.15	0.16406
WCDMA HSUPA Subtest-1_5MHz_Nss1_1TX	18.85	0.077	20.71	0.11776
WCDMA HSUPA Subtest-2_5MHz_Nss1_1TX	18.82	0.076	20.68	0.11695
WCDMA HSUPA Subtest-3_5MHz_Nss1_1TX	19.82	0.096	21.68	0.14723
WCDMA HSUPA Subtest-4_5MHz_Nss1_1TX	18.30	0.068	20.16	0.10375
WCDMA HSUPA Subtest-5_5MHz_Nss1_1TX	19.80	0.095	21.66	0.14655
WCDMA HSPA+(16QAM) Subtest-1_5MHz_Nss1_1TX	19.75	0.094	21.61	0.14488



Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
Band 2_WCDMA AMR_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	23.61	0.22961	2	21.75	0.150	Inf	21.75
1880MHz	Pass	1.86	23.57	0.22751	2	21.71	0.148	Inf	21.71
1907.6MHz	Pass	1.86	23.66	0.23227	2	21.80	0.151	Inf	21.8
Band 2_WCDMA RMC_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	23.64	0.23121	2	21.78	0.151	Inf	21.78
1880MHz	Pass	1.86	23.62	0.23014	2	21.76	0.150	Inf	21.76
1907.6MHz	Pass	1.86	23.70	0.23442	2	21.84	0.153	Inf	21.84
Band 2_WCDMA HSDPA Subtest-1_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	22.62	0.18281	2	20.76	0.119	Inf	20.76
1880MHz	Pass	1.86	22.61	0.18239	2	20.75	0.119	Inf	20.75
1907.6MHz	Pass	1.86	22.69	0.18578	2	20.83	0.121	Inf	20.83
Band 2_WCDMA HSDPA Subtest-2_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	22.57	0.18072	2	20.71	0.118	Inf	20.71
1880MHz	Pass	1.86	22.56	0.18030	2	20.70	0.117	Inf	20.7
1907.6MHz	Pass	1.86	22.62	0.18281	2	20.76	0.119	Inf	20.76
Band 2_WCDMA HSDPA Subtest-3_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	22.09	0.16181	2	20.23	0.105	Inf	20.23
1880MHz	Pass	1.86	22.10	0.16218	2	20.24	0.106	Inf	20.24
1907.6MHz	Pass	1.86	22.16	0.16444	2	20.30	0.107	Inf	20.3
Band 2_WCDMA HSDPA Subtest-4_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	22.04	0.15996	2	20.18	0.104	Inf	20.18
1880MHz	Pass	1.86	22.08	0.16144	2	20.22	0.105	Inf	20.22
1907.6MHz	Pass	1.86	22.15	0.16406	2	20.29	0.107	Inf	20.29
Band 2_WCDMA HSUPA Subtest-1_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	20.71	0.11776	2	18.85	0.077	Inf	18.85
1880MHz	Pass	1.86	20.61	0.11508	2	18.75	0.075	Inf	18.75
1907.6MHz	Pass	1.86	20.69	0.11722	2	18.83	0.076	Inf	18.83
Band 2_WCDMA HSUPA Subtest-2_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	20.64	0.11588	2	18.78	0.076	Inf	18.78
1880MHz	Pass	1.86	20.61	0.11508	2	18.75	0.075	Inf	18.75
1907.6MHz	Pass	1.86	20.68	0.11695	2	18.82	0.076	Inf	18.82
Band 2_WCDMA HSUPA Subtest-3_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	21.63	0.14555	2	19.77	0.095	Inf	19.77
1880MHz	Pass	1.86	21.57	0.14355	2	19.71	0.094	Inf	19.71
1907.6MHz	Pass	1.86	21.68	0.14723	2	19.82	0.096	Inf	19.82
Band 2_WCDMA HSUPA Subtest-4_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-



Equivalent Isotropically Radiated Power

Appendix A

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1852.4MHz	Pass	1.86	20.16	0.10375	2	18.30	0.068	Inf	18.3
1880MHz	Pass	1.86	20.15	0.10351	2	18.29	0.067	Inf	18.29
1907.6MHz	Pass	1.86	20.13	0.10304	2	18.27	0.067	Inf	18.27
Band 2_WCDMA HSUPA Subtest-5_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	21.46	0.13996	2	19.60	0.091	Inf	19.6
1880MHz	Pass	1.86	21.56	0.14322	2	19.70	0.093	Inf	19.7
1907.6MHz	Pass	1.86	21.66	0.14655	2	19.80	0.095	Inf	19.8
Band 2_WCDMA HSPA+(16QAM) Subtest-1_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	1.86	21.61	0.14488	2	19.75	0.094	Inf	19.75
1880MHz	Pass	1.86	21.53	0.14223	2	19.67	0.093	Inf	19.67
1907.6MHz	Pass	1.86	21.59	0.14421	2	19.73	0.094	Inf	19.73

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



Test Result of Radiated Emissions below 1GHz

Mode	Mode: 3G WCDMA RMC, Band:2, Channel:9538						
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)
30.00	H	-67.03	-13.00	-54.03	-71.57	-47.55	-19.48
66.86	H	-73.38	-13.00	-60.38	-71.35	-61.65	-11.73
177.44	H	-74.17	-13.00	-61.17	-71.58	-69.08	-5.09
207.51	H	-71.16	-13.00	-58.16	-67.54	-68.39	-2.77
345.25	H	-75.72	-13.00	-62.72	-76.02	-74.48	-1.24
447.10	H	-73.42	-13.00	-60.42	-76.31	-71.94	-1.48
30.00	V	-67.75	-13.00	-54.75	-65.70	-48.27	-19.48
97.90	V	-70.43	-13.00	-57.43	-70.76	-65.52	-4.91
180.35	V	-67.66	-13.00	-54.66	-69.73	-62.80	-4.86
198.78	V	-71.54	-13.00	-58.54	-70.92	-68.41	-3.13
355.92	V	-72.37	-13.00	-59.37	-75.25	-71.12	-1.25
536.34	V	-68.28	-13.00	-55.28	-74.23	-66.88	-1.40

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

Test Result of Radiated Emissions above 1GHz

Mode: 3G WCDMA RMC, Band:2, Channel:9262							
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)
3704.80	H	-47.34	-13.00	-34.34	-59.34	-53.34	6.00
5557.20	H	-37.73	-13.00	-24.73	-53.89	-43.50	5.77
7409.60	H	-48.45	-13.00	-35.45	-68.54	-51.44	2.99
3704.80	V	-52.70	-13.00	-39.70	-64.85	-58.70	6.00
5557.20	V	-34.23	-13.00	-21.23	-50.56	-40.00	5.77
7409.60	V	-44.96	-13.00	-31.96	-65.58	-47.95	2.99

Mode: 3G WCDMA RMC, Band:2, Channel:9400							
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)
3760.00	H	-47.12	-13.00	-34.12	-59.26	-53.14	6.02
5640.00	H	-37.29	-13.00	-24.29	-53.60	-43.03	5.74
7520.00	H	-49.30	-13.00	-36.30	-69.25	-52.34	3.04
3760.00	V	-52.82	-13.00	-39.82	-65.10	-58.84	6.02
5640.00	V	-34.43	-13.00	-21.43	-50.83	-40.17	5.74
7520.00	V	-45.13	-13.00	-32.13	-65.44	-48.17	3.04

Mode: 3G WCDMA RMC, Band:2, Channel:9538							
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)
3815.20	H	-47.29	-13.00	-34.29	-59.59	-53.34	6.05
5722.80	H	-36.77	-13.00	-23.77	-53.29	-42.49	5.72
7630.40	H	-49.09	-13.00	-36.09	-69.02	-52.17	3.08
3815.20	V	-52.41	-13.00	-39.41	-64.85	-58.46	6.05
5722.80	V	-34.08	-13.00	-21.08	-50.48	-39.80	5.72
7630.40	V	-44.86	-13.00	-31.86	-65.06	-47.94	3.08

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



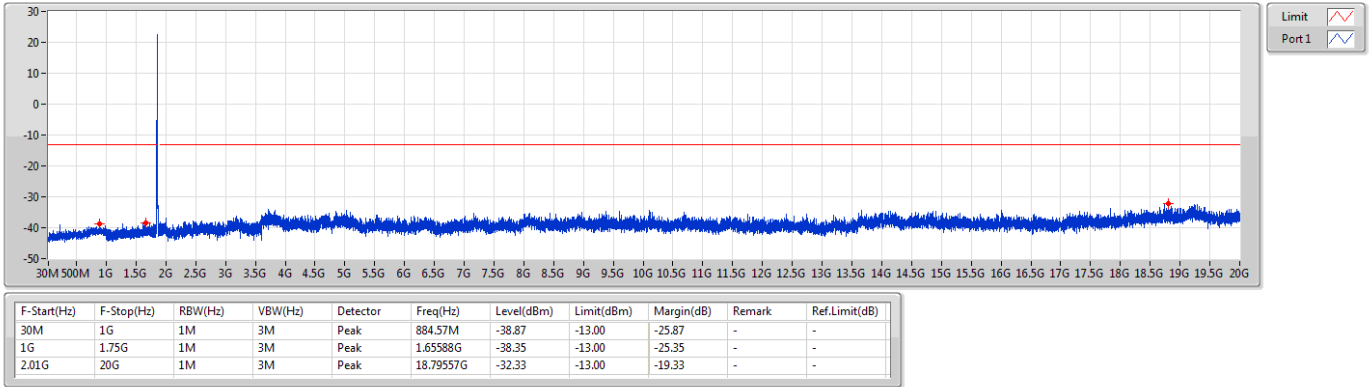
Summary

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 2	-	-	-	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	2.01G	20G	1M	3M	Peak	19.22733G	-31.68	-13.00	-18.68	-	-



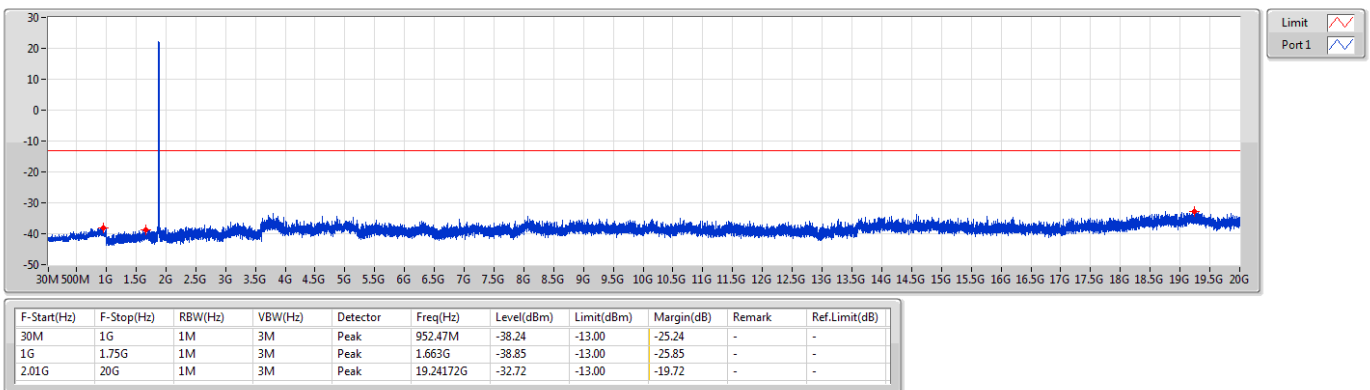
Band 2_WCDMA_5MHz_Nss1_1TX
1852.4MHz

CSE-TX-Sum



Band 2_WCDMA_5MHz_Nss1_1TX
1880MHz

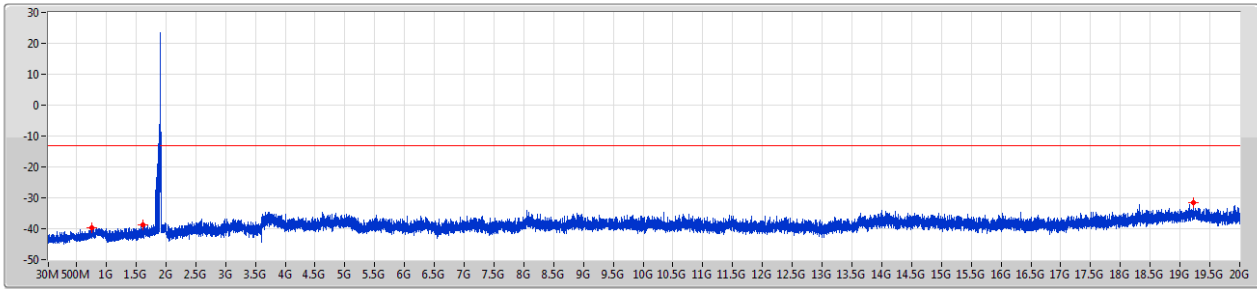
CSE-TX-Sum





Band 2_WCDMA_5MHz_Nss1_1TX
1907.6MHz

CSE-TX-Sum



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	760.41M	-39.69	-13.00	-26.69	-	-
1G	1.75G	1M	3M	Peak	1.6195G	-38.78	-13.00	-25.78	-	-
2.01G	20G	1M	3M	Peak	19.22733G	-31.68	-13.00	-18.68	-	-



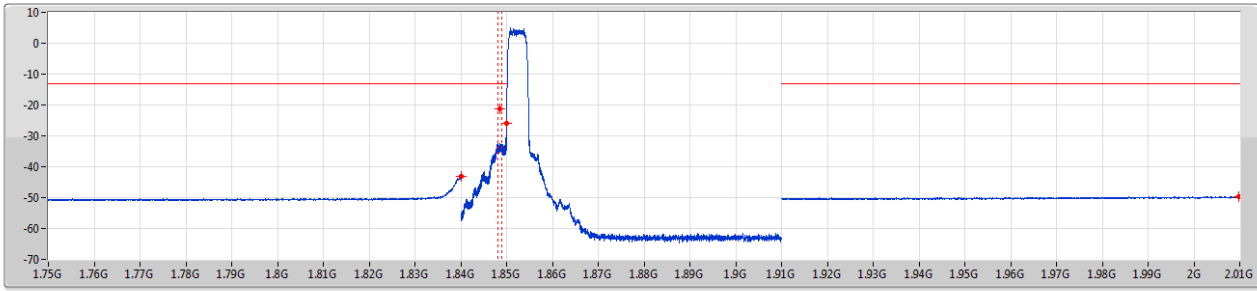
Summary

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 2	-	-	-	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1.911G	1.92G	51k	160k	RMS	1.9115G	-21.05	-13.00	-8.05	MBW 1M	-



Band 2_WCDMA_5MHz_Nss1_1TX
1852.4MHz

CSE-TX-Sum



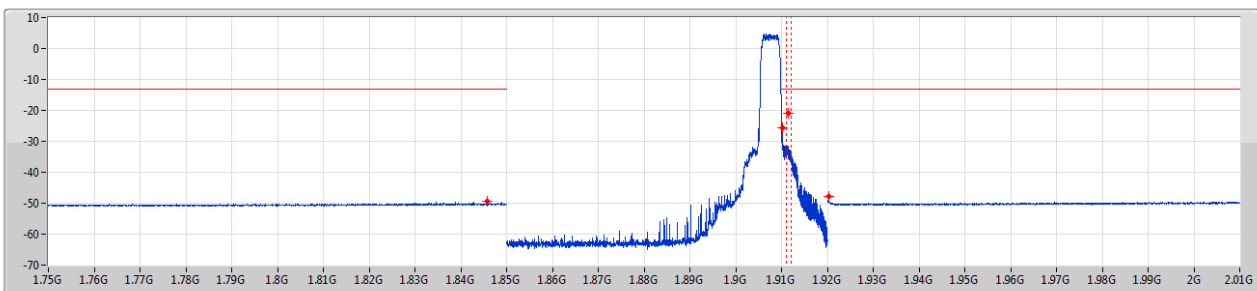
Limit

Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.84G	1M	3M	RMS	1.84G	-43.16	-13.00	-30.16	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-21.30	-13.00	-8.30	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.85G	-26.03	-13.00	-13.03	-	-
1.91G	2.01G	1M	3M	RMS	2.0097G	-49.64	-13.00	-36.64	-	-

Band 2_WCDMA_5MHz_Nss1_1TX
1907.6MHz

CSE-TX-Sum



Limit

Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.8458G	-49.53	-13.00	-36.53	-	-
1.91G	1.911G	51k	160k	RMS	1.91011G	-25.71	-13.00	-12.71	-	-
1.911G	1.92G	51k	160k	RMS	1.9115G	-21.05	-13.00	-8.05	MBW 1M	-
1.92G	2.01G	1M	3M	RMS	1.92036G	-47.72	-13.00	-34.72	-	-



Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 2	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	4.688M	4.175M	4M18F9W	4.663M	4.171M

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 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-
1852.4MHz	Pass	Inf	4.688M	4.174M
1880MHz	Pass	Inf	4.669M	4.175M
1907.6MHz	Pass	Inf	4.663M	4.171M

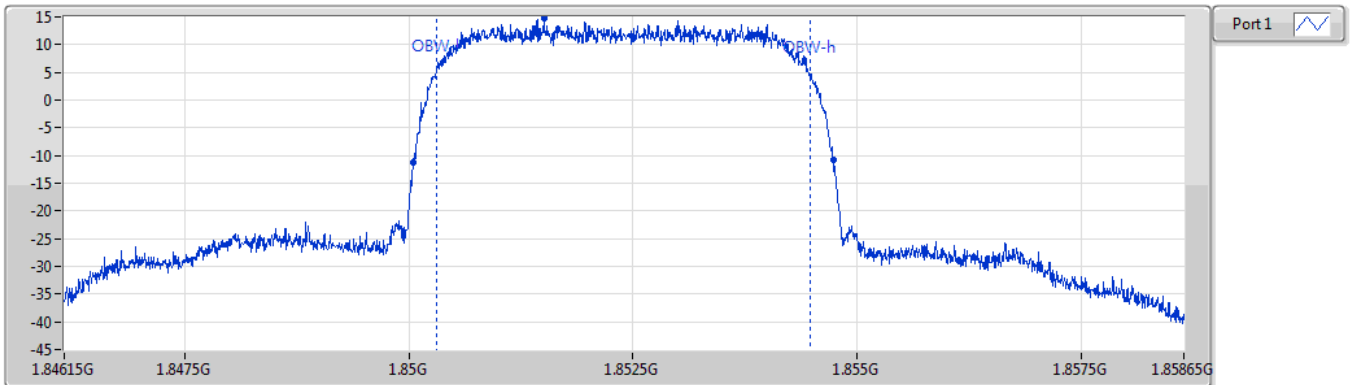
Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;



Band 2_WCDMA_5MHz_Nss1_1TX

EBW

1852.4MHz

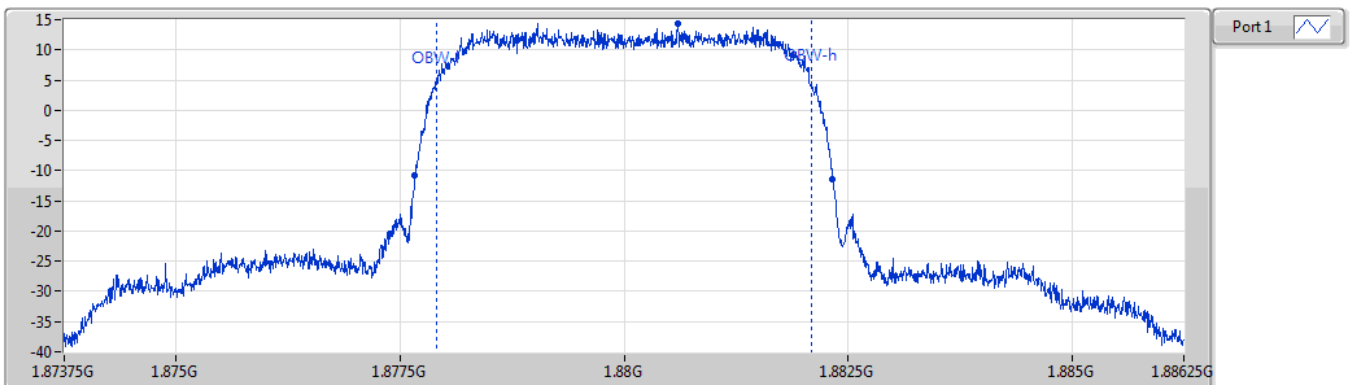


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.688M	1.85005G	1.854738G	4.174M	1.850301G	1.854475G	1	1.8524G	12.5M	51k	160k

Band 2_WCDMA_5MHz_Nss1_1TX

EBW

1880MHz



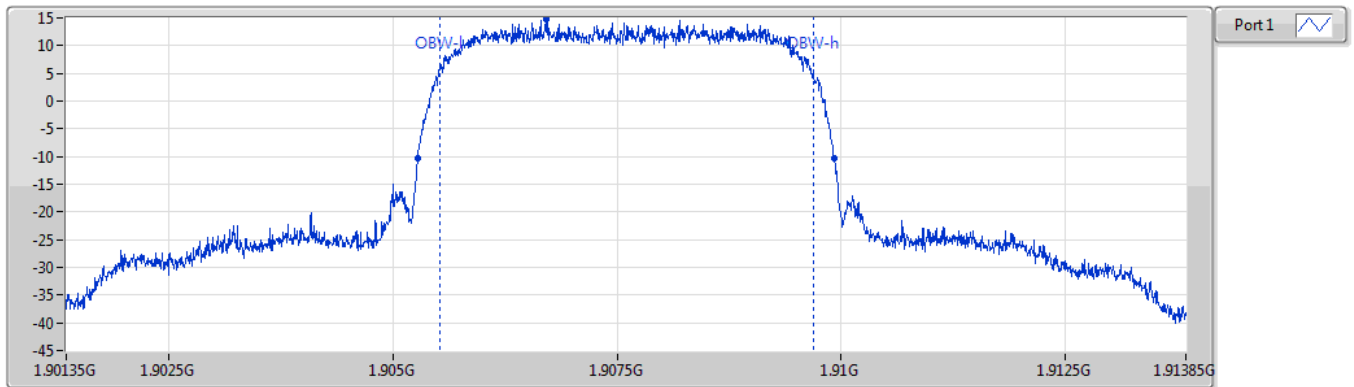
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.669M	1.877663G	1.882331G	4.175M	1.877913G	1.882088G	1	1.88G	12.5M	51k	160k



Band 2_WCDMA_5MHz_Nss1_1TX

EBW

1907.6MHz





Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1880	13.00	3.02	1

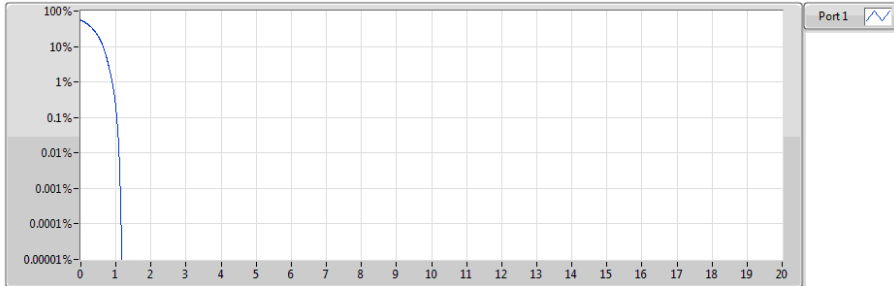
Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-
1852.4MHz	Pass	1852.4	13.00	2.56	1
1880MHz	Pass	1880	13.00	3.02	1
1907.6MHz	Pass	1907.6	13.00	2.99	1



Band 2_WCDMA_5MHz_Nss1_1TX
1852.4MHz

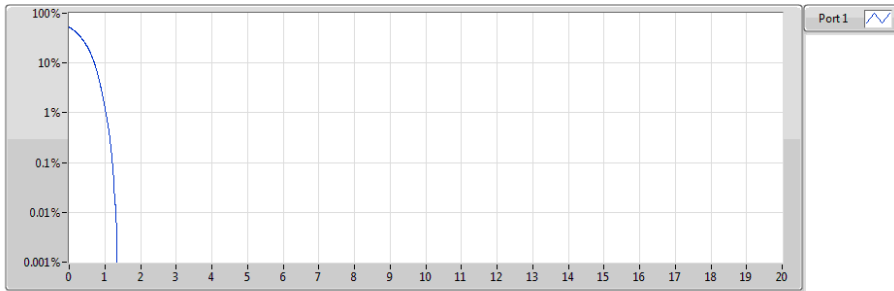
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1852.4	20M	2.56	-10.44	13.00	1

Band 2_WCDMA_5MHz_Nss1_1TX
1880MHz

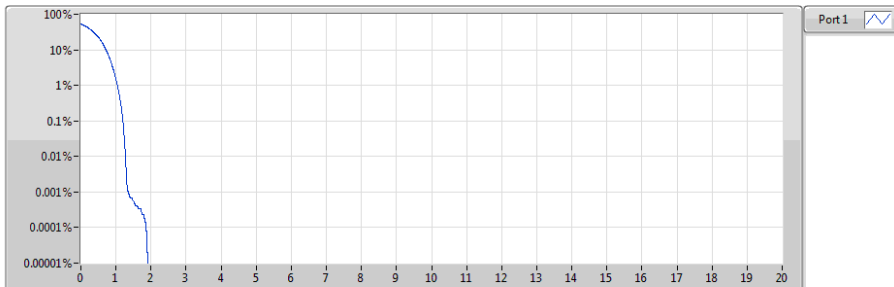
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	3.02	-9.98	13.00	1

Band 2_WCDMA_5MHz_Nss1_1TX
1907.6MHz

PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1907.6	20M	2.99	-10.01	13.00	1



WCDMA Band II				
Temperature (°C)	1852.4MHz		1907.6MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	0.009	1850.301016	0.009	1909.688018
T20°CVmin	0.009	1850.301017	0.010	1909.688019
T50°CVnom	0.010	1850.301019	0.011	1909.688021
T40°CVnom	0.009	1850.301017	0.010	1909.688019
T30°CVnom	0.009	1850.301016	0.009	1909.688018
T20°CVnom	0.009	1850.301016	0.009	1909.688018
T10°CVnom	0.008	1850.301015	0.008	1909.688015
T0°CVnom	0.007	1850.301013	0.007	1909.688014
T-10°CVnom	0.006	1850.301011	0.007	1909.688013
T-20°CVnom	0.005	1850.301009	0.006	1909.688011
T-30°CVnom	0.005	1850.301010	0.007	1909.688014
Limit		>1850MHz		<1910MHz



Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 2	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	21.43	0.139	23.29	0.21330
LTE_1.4MHz_Nss1,16QAM_1TX	20.77	0.119	22.63	0.18323
LTE_3MHz_Nss1,QPSK_1TX	21.37	0.137	23.23	0.21038
LTE_3MHz_Nss1,16QAM_1TX	20.81	0.121	22.67	0.18493
LTE_5MHz_Nss1,QPSK_1TX	21.39	0.138	23.25	0.21135
LTE_5MHz_Nss1,16QAM_1TX	20.80	0.120	22.66	0.18450
LTE_10MHz_Nss1,QPSK_1TX	21.40	0.138	23.26	0.21184
LTE_10MHz_Nss1,16QAM_1TX	20.95	0.124	22.81	0.19099
LTE_15MHz_Nss1,QPSK_1TX	21.40	0.138	23.26	0.21184
LTE_15MHz_Nss1,16QAM_1TX	20.91	0.123	22.77	0.18923
LTE_20MHz_Nss1,QPSK_1TX	21.51	0.142	23.37	0.21727
LTE_20MHz_Nss1,16QAM_1TX	20.86	0.122	22.72	0.18707



Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
Band 2_LTE_1.4MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1850.7MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.01	0.19999	2	21.15	0.130	Inf	21.15
1850.7MHz_QPSK_RB 1,#RB 3	Pass	1.86	23.15	0.20654	2	21.29	0.135	Inf	21.29
1850.7MHz_QPSK_RB 1,#RB 5	Pass	1.86	23.01	0.19999	2	21.15	0.130	Inf	21.15
1850.7MHz_QPSK_RB 3,#RB 0	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1850.7MHz_QPSK_RB 3,#RB 1	Pass	1.86	23.18	0.20797	2	21.32	0.136	Inf	21.32
1850.7MHz_QPSK_RB 3,#RB 3	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1850.7MHz_QPSK_RB 6,#RB 0	Pass	1.86	22.19	0.16558	2	20.33	0.108	Inf	20.33
1880MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.09	0.20370	2	21.23	0.133	Inf	21.23
1880MHz_QPSK_RB 1,#RB 3	Pass	1.86	23.23	0.21038	2	21.37	0.137	Inf	21.37
1880MHz_QPSK_RB 1,#RB 5	Pass	1.86	23.07	0.20277	2	21.21	0.132	Inf	21.21
1880MHz_QPSK_RB 3,#RB 0	Pass	1.86	23.20	0.20893	2	21.34	0.136	Inf	21.34
1880MHz_QPSK_RB 3,#RB 1	Pass	1.86	23.23	0.21038	2	21.37	0.137	Inf	21.37
1880MHz_QPSK_RB 3,#RB 3	Pass	1.86	23.20	0.20893	2	21.34	0.136	Inf	21.34
1880MHz_QPSK_RB 6,#RB 0	Pass	1.86	22.22	0.16672	2	20.36	0.109	Inf	20.36
1909.3MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.10	0.20417	2	21.24	0.133	Inf	21.24
1909.3MHz_QPSK_RB 1,#RB 3	Pass	1.86	23.25	0.21135	2	21.39	0.138	Inf	21.39
1909.3MHz_QPSK_RB 1,#RB 5	Pass	1.86	23.11	0.20464	2	21.25	0.133	Inf	21.25
1909.3MHz_QPSK_RB 3,#RB 0	Pass	1.86	23.22	0.20989	2	21.36	0.137	Inf	21.36
1909.3MHz_QPSK_RB 3,#RB 1	Pass	1.86	23.29	0.21330	2	21.43	0.139	Inf	21.43
1909.3MHz_QPSK_RB 3,#RB 3	Pass	1.86	23.23	0.21038	2	21.37	0.137	Inf	21.37
1909.3MHz_QPSK_RB 6,#RB 0	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1850.7MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1850.7MHz_16QAM_RB 1,#RB 3	Pass	1.86	22.42	0.17458	2	20.56	0.114	Inf	20.56
1850.7MHz_16QAM_RB 1,#RB 5	Pass	1.86	22.31	0.17022	2	20.45	0.111	Inf	20.45
1850.7MHz_16QAM_RB 3,#RB 0	Pass	1.86	22.12	0.16293	2	20.26	0.106	Inf	20.26
1850.7MHz_16QAM_RB 3,#RB 1	Pass	1.86	22.18	0.16520	2	20.32	0.108	Inf	20.32
1850.7MHz_16QAM_RB 3,#RB 3	Pass	1.86	22.13	0.16331	2	20.27	0.106	Inf	20.27
1850.7MHz_16QAM_RB 6,#RB 0	Pass	1.86	21.23	0.13274	2	19.37	0.086	Inf	19.37
1880MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.47	0.17660	2	20.61	0.115	Inf	20.61
1880MHz_16QAM_RB 1,#RB 3	Pass	1.86	22.63	0.18323	2	20.77	0.119	Inf	20.77
1880MHz_16QAM_RB 1,#RB 5	Pass	1.86	22.48	0.17701	2	20.62	0.115	Inf	20.62
1880MHz_16QAM_RB 3,#RB 0	Pass	1.86	22.29	0.16943	2	20.43	0.110	Inf	20.43
1880MHz_16QAM_RB 3,#RB 1	Pass	1.86	22.34	0.17140	2	20.48	0.112	Inf	20.48
1880MHz_16QAM_RB 3,#RB 3	Pass	1.86	22.27	0.16866	2	20.41	0.110	Inf	20.41
1880MHz_16QAM_RB 6,#RB 0	Pass	1.86	21.34	0.13614	2	19.48	0.089	Inf	19.48
1909.3MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.47	0.17660	2	20.61	0.115	Inf	20.61



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Appendix G

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1909.3MHz_16QAM_RB 1,#RB 3	Pass	1.86	22.56	0.18030	2	20.70	0.117	Inf	20.7
1909.3MHz_16QAM_RB 1,#RB 5	Pass	1.86	22.45	0.17579	2	20.59	0.115	Inf	20.59
1909.3MHz_16QAM_RB 3,#RB 0	Pass	1.86	22.30	0.16982	2	20.44	0.111	Inf	20.44
1909.3MHz_16QAM_RB 3,#RB 1	Pass	1.86	22.36	0.17219	2	20.50	0.112	Inf	20.5
1909.3MHz_16QAM_RB 3,#RB 3	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1909.3MHz_16QAM_RB 6,#RB 0	Pass	1.86	21.42	0.13868	2	19.56	0.090	Inf	19.56
Band 2_LTE_3MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1851.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.10	0.20417	2	21.24	0.133	Inf	21.24
1851.5MHz_QPSK_RB 1,#RB 8	Pass	1.86	23.11	0.20464	2	21.25	0.133	Inf	21.25
1851.5MHz_QPSK_RB 1,#RB 14	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1851.5MHz_QPSK_RB 8,#RB 0	Pass	1.86	22.19	0.16558	2	20.33	0.108	Inf	20.33
1851.5MHz_QPSK_RB 8,#RB 4	Pass	1.86	22.21	0.16634	2	20.35	0.108	Inf	20.35
1851.5MHz_QPSK_RB 8,#RB 7	Pass	1.86	22.16	0.16444	2	20.30	0.107	Inf	20.3
1851.5MHz_QPSK_RB 15,#RB 0	Pass	1.86	22.19	0.16558	2	20.33	0.108	Inf	20.33
1880MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.18	0.20797	2	21.32	0.136	Inf	21.32
1880MHz_QPSK_RB 1,#RB 8	Pass	1.86	23.17	0.20749	2	21.31	0.135	Inf	21.31
1880MHz_QPSK_RB 1,#RB 14	Pass	1.86	23.14	0.20606	2	21.28	0.134	Inf	21.28
1880MHz_QPSK_RB 8,#RB 0	Pass	1.86	22.23	0.16711	2	20.37	0.109	Inf	20.37
1880MHz_QPSK_RB 8,#RB 4	Pass	1.86	22.27	0.16866	2	20.41	0.110	Inf	20.41
1880MHz_QPSK_RB 8,#RB 7	Pass	1.86	22.25	0.16788	2	20.39	0.109	Inf	20.39
1880MHz_QPSK_RB 15,#RB 0	Pass	1.86	22.22	0.16672	2	20.36	0.109	Inf	20.36
1908.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.23	0.21038	2	21.37	0.137	Inf	21.37
1908.5MHz_QPSK_RB 1,#RB 8	Pass	1.86	23.20	0.20893	2	21.34	0.136	Inf	21.34
1908.5MHz_QPSK_RB 1,#RB 14	Pass	1.86	23.20	0.20893	2	21.34	0.136	Inf	21.34
1908.5MHz_QPSK_RB 8,#RB 0	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1908.5MHz_QPSK_RB 8,#RB 4	Pass	1.86	22.32	0.17061	2	20.46	0.111	Inf	20.46
1908.5MHz_QPSK_RB 8,#RB 7	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1908.5MHz_QPSK_RB 15,#RB 0	Pass	1.86	22.29	0.16943	2	20.43	0.110	Inf	20.43
1851.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.37	0.17258	2	20.51	0.112	Inf	20.51
1851.5MHz_16QAM_RB 1,#RB 8	Pass	1.86	22.39	0.17338	2	20.53	0.113	Inf	20.53
1851.5MHz_16QAM_RB 1,#RB 14	Pass	1.86	22.42	0.17458	2	20.56	0.114	Inf	20.56
1851.5MHz_16QAM_RB 8,#RB 0	Pass	1.86	21.23	0.13274	2	19.37	0.086	Inf	19.37
1851.5MHz_16QAM_RB 8,#RB 4	Pass	1.86	21.25	0.13335	2	19.39	0.087	Inf	19.39
1851.5MHz_16QAM_RB 8,#RB 7	Pass	1.86	21.22	0.13243	2	19.36	0.086	Inf	19.36
1851.5MHz_16QAM_RB 15,#RB 0	Pass	1.86	21.18	0.13122	2	19.32	0.086	Inf	19.32
1880MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.59	0.18155	2	20.73	0.118	Inf	20.73
1880MHz_16QAM_RB 1,#RB 8	Pass	1.86	22.57	0.18072	2	20.71	0.118	Inf	20.71
1880MHz_16QAM_RB 1,#RB 14	Pass	1.86	22.52	0.17865	2	20.66	0.116	Inf	20.66



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Appendix G

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1880MHz_16QAM_RB 8,#RB 0	Pass	1.86	21.34	0.13614	2	19.48	0.089	Inf	19.48
1880MHz_16QAM_RB 8,#RB 4	Pass	1.86	21.38	0.13740	2	19.52	0.090	Inf	19.52
1880MHz_16QAM_RB 8,#RB 7	Pass	1.86	21.33	0.13583	2	19.47	0.089	Inf	19.47
1880MHz_16QAM_RB 15,#RB 0	Pass	1.86	21.26	0.13366	2	19.40	0.087	Inf	19.4
1908.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.67	0.18493	2	20.81	0.121	Inf	20.81
1908.5MHz_16QAM_RB 1,#RB 8	Pass	1.86	22.58	0.18113	2	20.72	0.118	Inf	20.72
1908.5MHz_16QAM_RB 1,#RB 14	Pass	1.86	22.52	0.17865	2	20.66	0.116	Inf	20.66
1908.5MHz_16QAM_RB 8,#RB 0	Pass	1.86	21.44	0.13932	2	19.58	0.091	Inf	19.58
1908.5MHz_16QAM_RB 8,#RB 4	Pass	1.86	21.47	0.14028	2	19.61	0.091	Inf	19.61
1908.5MHz_16QAM_RB 8,#RB 7	Pass	1.86	21.41	0.13836	2	19.55	0.090	Inf	19.55
1908.5MHz_16QAM_RB 15,#RB 0	Pass	1.86	21.37	0.13709	2	19.51	0.089	Inf	19.51
Band 2_LTE_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	22.88	0.19409	2	21.02	0.126	Inf	21.02
1852.5MHz_QPSK_RB 1,#RB 12	Pass	1.86	23.15	0.20654	2	21.29	0.135	Inf	21.29
1852.5MHz_QPSK_RB 1,#RB 24	Pass	1.86	22.88	0.19409	2	21.02	0.126	Inf	21.02
1852.5MHz_QPSK_RB 12,#RB 0	Pass	1.86	22.08	0.16144	2	20.22	0.105	Inf	20.22
1852.5MHz_QPSK_RB 12,#RB 7	Pass	1.86	22.10	0.16218	2	20.24	0.106	Inf	20.24
1852.5MHz_QPSK_RB 12,#RB 13	Pass	1.86	22.04	0.15996	2	20.18	0.104	Inf	20.18
1852.5MHz_QPSK_RB 25,#RB 0	Pass	1.86	22.04	0.15996	2	20.18	0.104	Inf	20.18
1880MHz_QPSK_RB 1,#RB 0	Pass	1.86	22.95	0.19724	2	21.09	0.129	Inf	21.09
1880MHz_QPSK_RB 1,#RB 12	Pass	1.86	23.19	0.20845	2	21.33	0.136	Inf	21.33
1880MHz_QPSK_RB 1,#RB 24	Pass	1.86	22.92	0.19588	2	21.06	0.128	Inf	21.06
1880MHz_QPSK_RB 12,#RB 0	Pass	1.86	22.07	0.16106	2	20.21	0.105	Inf	20.21
1880MHz_QPSK_RB 12,#RB 7	Pass	1.86	22.15	0.16406	2	20.29	0.107	Inf	20.29
1880MHz_QPSK_RB 12,#RB 13	Pass	1.86	22.09	0.16181	2	20.23	0.105	Inf	20.23
1880MHz_QPSK_RB 25,#RB 0	Pass	1.86	22.08	0.16144	2	20.22	0.105	Inf	20.22
1907.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.00	0.19953	2	21.14	0.130	Inf	21.14
1907.5MHz_QPSK_RB 1,#RB 12	Pass	1.86	23.25	0.21135	2	21.39	0.138	Inf	21.39
1907.5MHz_QPSK_RB 1,#RB 24	Pass	1.86	22.98	0.19861	2	21.12	0.129	Inf	21.12
1907.5MHz_QPSK_RB 12,#RB 0	Pass	1.86	22.12	0.16293	2	20.26	0.106	Inf	20.26
1907.5MHz_QPSK_RB 12,#RB 7	Pass	1.86	22.22	0.16672	2	20.36	0.109	Inf	20.36
1907.5MHz_QPSK_RB 12,#RB 13	Pass	1.86	22.18	0.16520	2	20.32	0.108	Inf	20.32
1907.5MHz_QPSK_RB 25,#RB 0	Pass	1.86	22.16	0.16444	2	20.30	0.107	Inf	20.3
1852.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.17	0.16482	2	20.31	0.107	Inf	20.31
1852.5MHz_16QAM_RB 1,#RB 12	Pass	1.86	22.43	0.17498	2	20.57	0.114	Inf	20.57
1852.5MHz_16QAM_RB 1,#RB 24	Pass	1.86	22.23	0.16711	2	20.37	0.109	Inf	20.37
1852.5MHz_16QAM_RB 12,#RB 0	Pass	1.86	21.06	0.12764	2	19.20	0.083	Inf	19.2
1852.5MHz_16QAM_RB 12,#RB 7	Pass	1.86	21.08	0.12823	2	19.22	0.084	Inf	19.22



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Appendix G

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1852.5MHz_16QAM_RB 12,#RB 13	Pass	1.86	21.03	0.12677	2	19.17	0.083	Inf	19.17
1852.5MHz_16QAM_RB 25,#RB 0	Pass	1.86	21.04	0.12706	2	19.18	0.083	Inf	19.18
1880MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.38	0.17298	2	20.52	0.113	Inf	20.52
1880MHz_16QAM_RB 1,#RB 12	Pass	1.86	22.60	0.18197	2	20.74	0.119	Inf	20.74
1880MHz_16QAM_RB 1,#RB 24	Pass	1.86	22.27	0.16866	2	20.41	0.110	Inf	20.41
1880MHz_16QAM_RB 12,#RB 0	Pass	1.86	21.08	0.12823	2	19.22	0.084	Inf	19.22
1880MHz_16QAM_RB 12,#RB 7	Pass	1.86	21.16	0.13062	2	19.30	0.085	Inf	19.3
1880MHz_16QAM_RB 12,#RB 13	Pass	1.86	21.08	0.12823	2	19.22	0.084	Inf	19.22
1880MHz_16QAM_RB 25,#RB 0	Pass	1.86	21.10	0.12882	2	19.24	0.084	Inf	19.24
1907.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.50	0.17783	2	20.64	0.116	Inf	20.64
1907.5MHz_16QAM_RB 1,#RB 12	Pass	1.86	22.66	0.18450	2	20.80	0.120	Inf	20.8
1907.5MHz_16QAM_RB 1,#RB 24	Pass	1.86	22.31	0.17022	2	20.45	0.111	Inf	20.45
1907.5MHz_16QAM_RB 12,#RB 0	Pass	1.86	21.22	0.13243	2	19.36	0.086	Inf	19.36
1907.5MHz_16QAM_RB 12,#RB 7	Pass	1.86	21.32	0.13552	2	19.46	0.088	Inf	19.46
1907.5MHz_16QAM_RB 12,#RB 13	Pass	1.86	21.26	0.13366	2	19.40	0.087	Inf	19.4
1907.5MHz_16QAM_RB 25,#RB 0	Pass	1.86	21.24	0.13305	2	19.38	0.087	Inf	19.38
Band 2_LTE_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1855MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1855MHz_QPSK_RB 1,#RB 25	Pass	1.86	23.25	0.21135	2	21.39	0.138	Inf	21.39
1855MHz_QPSK_RB 1,#RB 49	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1855MHz_QPSK_RB 25,#RB 0	Pass	1.86	22.35	0.17179	2	20.49	0.112	Inf	20.49
1855MHz_QPSK_RB 25,#RB 12	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1855MHz_QPSK_RB 25,#RB 25	Pass	1.86	22.22	0.16672	2	20.36	0.109	Inf	20.36
1855MHz_QPSK_RB 50,#RB 0	Pass	1.86	22.33	0.17100	2	20.47	0.111	Inf	20.47
1880MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.19	0.20845	2	21.33	0.136	Inf	21.33
1880MHz_QPSK_RB 1,#RB 25	Pass	1.86	23.25	0.21135	2	21.39	0.138	Inf	21.39
1880MHz_QPSK_RB 1,#RB 49	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1880MHz_QPSK_RB 25,#RB 0	Pass	1.86	22.19	0.16558	2	20.33	0.108	Inf	20.33
1880MHz_QPSK_RB 25,#RB 12	Pass	1.86	22.29	0.16943	2	20.43	0.110	Inf	20.43
1880MHz_QPSK_RB 25,#RB 25	Pass	1.86	22.25	0.16788	2	20.39	0.109	Inf	20.39
1880MHz_QPSK_RB 50,#RB 0	Pass	1.86	22.23	0.16711	2	20.37	0.109	Inf	20.37
1905MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.19	0.20845	2	21.33	0.136	Inf	21.33
1905MHz_QPSK_RB 1,#RB 25	Pass	1.86	23.26	0.21184	2	21.40	0.138	Inf	21.4
1905MHz_QPSK_RB 1,#RB 49	Pass	1.86	23.18	0.20797	2	21.32	0.136	Inf	21.32
1905MHz_QPSK_RB 25,#RB 0	Pass	1.86	22.32	0.17061	2	20.46	0.111	Inf	20.46
1905MHz_QPSK_RB 25,#RB 12	Pass	1.86	22.35	0.17179	2	20.49	0.112	Inf	20.49
1905MHz_QPSK_RB 25,#RB 25	Pass	1.86	22.43	0.17498	2	20.57	0.114	Inf	20.57
1905MHz_QPSK_RB 50,#RB 0	Pass	1.86	22.41	0.17418	2	20.55	0.114	Inf	20.55



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Appendix G

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1855MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.39	0.17338	2	20.53	0.113	Inf	20.53
1855MHz_16QAM_RB 1,#RB 25	Pass	1.86	22.62	0.18281	2	20.76	0.119	Inf	20.76
1855MHz_16QAM_RB 1,#RB 49	Pass	1.86	22.55	0.17989	2	20.69	0.117	Inf	20.69
1855MHz_16QAM_RB 25,#RB 0	Pass	1.86	21.35	0.13646	2	19.49	0.089	Inf	19.49
1855MHz_16QAM_RB 25,#RB 12	Pass	1.86	21.31	0.13521	2	19.45	0.088	Inf	19.45
1855MHz_16QAM_RB 25,#RB 25	Pass	1.86	21.27	0.13397	2	19.41	0.087	Inf	19.41
1855MHz_16QAM_RB 50,#RB 0	Pass	1.86	21.35	0.13646	2	19.49	0.089	Inf	19.49
1880MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.66	0.18450	2	20.80	0.120	Inf	20.8
1880MHz_16QAM_RB 1,#RB 25	Pass	1.86	22.68	0.18535	2	20.82	0.121	Inf	20.82
1880MHz_16QAM_RB 1,#RB 49	Pass	1.86	22.42	0.17458	2	20.56	0.114	Inf	20.56
1880MHz_16QAM_RB 25,#RB 0	Pass	1.86	21.23	0.13274	2	19.37	0.086	Inf	19.37
1880MHz_16QAM_RB 25,#RB 12	Pass	1.86	21.30	0.13490	2	19.44	0.088	Inf	19.44
1880MHz_16QAM_RB 25,#RB 25	Pass	1.86	21.26	0.13366	2	19.40	0.087	Inf	19.4
1880MHz_16QAM_RB 50,#RB 0	Pass	1.86	21.25	0.13335	2	19.39	0.087	Inf	19.39
1905MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.66	0.18450	2	20.80	0.120	Inf	20.8
1905MHz_16QAM_RB 1,#RB 25	Pass	1.86	22.81	0.19099	2	20.95	0.124	Inf	20.95
1905MHz_16QAM_RB 1,#RB 49	Pass	1.86	22.52	0.17865	2	20.66	0.116	Inf	20.66
1905MHz_16QAM_RB 25,#RB 0	Pass	1.86	21.47	0.14028	2	19.61	0.091	Inf	19.61
1905MHz_16QAM_RB 25,#RB 12	Pass	1.86	21.48	0.14060	2	19.62	0.092	Inf	19.62
1905MHz_16QAM_RB 25,#RB 25	Pass	1.86	21.54	0.14256	2	19.68	0.093	Inf	19.68
1905MHz_16QAM_RB 50,#RB 0	Pass	1.86	21.51	0.14158	2	19.65	0.092	Inf	19.65
Band 2_LTE_15MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1857.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.06	0.20230	2	21.20	0.132	Inf	21.2
1857.5MHz_QPSK_RB 1,#RB 37	Pass	1.86	23.25	0.21135	2	21.39	0.138	Inf	21.39
1857.5MHz_QPSK_RB 1,#RB 74	Pass	1.86	23.04	0.20137	2	21.18	0.131	Inf	21.18
1857.5MHz_QPSK_RB 36,#RB 0	Pass	1.86	22.31	0.17022	2	20.45	0.111	Inf	20.45
1857.5MHz_QPSK_RB 36,#RB 20	Pass	1.86	22.29	0.16943	2	20.43	0.110	Inf	20.43
1857.5MHz_QPSK_RB 36,#RB 39	Pass	1.86	22.26	0.16827	2	20.40	0.110	Inf	20.4
1857.5MHz_QPSK_RB 75,#RB 0	Pass	1.86	22.30	0.16982	2	20.44	0.111	Inf	20.44
1880MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1880MHz_QPSK_RB 1,#RB 37	Pass	1.86	23.24	0.21086	2	21.38	0.137	Inf	21.38
1880MHz_QPSK_RB 1,#RB 74	Pass	1.86	22.99	0.19907	2	21.13	0.130	Inf	21.13
1880MHz_QPSK_RB 36,#RB 0	Pass	1.86	22.22	0.16672	2	20.36	0.109	Inf	20.36
1880MHz_QPSK_RB 36,#RB 20	Pass	1.86	22.28	0.16904	2	20.42	0.110	Inf	20.42
1880MHz_QPSK_RB 36,#RB 39	Pass	1.86	22.22	0.16672	2	20.36	0.109	Inf	20.36
1880MHz_QPSK_RB 75,#RB 0	Pass	1.86	22.20	0.16596	2	20.34	0.108	Inf	20.34
1902.5MHz_QPSK_RB 1,#RB 0	Pass	1.86	23.12	0.20512	2	21.26	0.134	Inf	21.26
1902.5MHz_QPSK_RB 1,#RB 37	Pass	1.86	23.26	0.21184	2	21.40	0.138	Inf	21.4



Equivalent Isotropically Radiated Power

Appendix G

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1902.5MHz_QPSK_RB 1,#RB 74	Pass	1.86	23.07	0.20277	2	21.21	0.132	Inf	21.21
1902.5MHz_QPSK_RB 36,#RB 0	Pass	1.86	22.38	0.17298	2	20.52	0.113	Inf	20.52
1902.5MHz_QPSK_RB 36,#RB 20	Pass	1.86	22.36	0.17219	2	20.50	0.112	Inf	20.5
1902.5MHz_QPSK_RB 36,#RB 39	Pass	1.86	22.42	0.17458	2	20.56	0.114	Inf	20.56
1902.5MHz_QPSK_RB 75,#RB 0	Pass	1.86	22.40	0.17378	2	20.54	0.113	Inf	20.54
1857.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.34	0.17140	2	20.48	0.112	Inf	20.48
1857.5MHz_16QAM_RB 1,#RB 37	Pass	1.86	22.70	0.18621	2	20.84	0.121	Inf	20.84
1857.5MHz_16QAM_RB 1,#RB 74	Pass	1.86	22.54	0.17947	2	20.68	0.117	Inf	20.68
1857.5MHz_16QAM_RB 36,#RB 0	Pass	1.86	21.29	0.13459	2	19.43	0.088	Inf	19.43
1857.5MHz_16QAM_RB 36,#RB 20	Pass	1.86	21.29	0.13459	2	19.43	0.088	Inf	19.43
1857.5MHz_16QAM_RB 36,#RB 39	Pass	1.86	21.30	0.13490	2	19.44	0.088	Inf	19.44
1857.5MHz_16QAM_RB 75,#RB 0	Pass	1.86	21.32	0.13552	2	19.46	0.088	Inf	19.46
1880MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.62	0.18281	2	20.76	0.119	Inf	20.76
1880MHz_16QAM_RB 1,#RB 37	Pass	1.86	22.70	0.18621	2	20.84	0.121	Inf	20.84
1880MHz_16QAM_RB 1,#RB 74	Pass	1.86	22.29	0.16943	2	20.43	0.110	Inf	20.43
1880MHz_16QAM_RB 36,#RB 0	Pass	1.86	21.26	0.13366	2	19.40	0.087	Inf	19.4
1880MHz_16QAM_RB 36,#RB 20	Pass	1.86	21.27	0.13397	2	19.41	0.087	Inf	19.41
1880MHz_16QAM_RB 36,#RB 39	Pass	1.86	21.18	0.13122	2	19.32	0.086	Inf	19.32
1880MHz_16QAM_RB 75,#RB 0	Pass	1.86	21.21	0.13213	2	19.35	0.086	Inf	19.35
1902.5MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.51	0.17824	2	20.65	0.116	Inf	20.65
1902.5MHz_16QAM_RB 1,#RB 37	Pass	1.86	22.77	0.18923	2	20.91	0.123	Inf	20.91
1902.5MHz_16QAM_RB 1,#RB 74	Pass	1.86	22.45	0.17579	2	20.59	0.115	Inf	20.59
1902.5MHz_16QAM_RB 36,#RB 0	Pass	1.86	21.45	0.13964	2	19.59	0.091	Inf	19.59
1902.5MHz_16QAM_RB 36,#RB 20	Pass	1.86	21.45	0.13964	2	19.59	0.091	Inf	19.59
1902.5MHz_16QAM_RB 36,#RB 39	Pass	1.86	21.48	0.14060	2	19.62	0.092	Inf	19.62
1902.5MHz_16QAM_RB 75,#RB 0	Pass	1.86	21.49	0.14093	2	19.63	0.092	Inf	19.63
Band 2_LTE_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1860MHz_QPSK_RB 1,#RB 0	Pass	1.86	22.85	0.19275	2	20.99	0.126	Inf	20.99
1860MHz_QPSK_RB 1,#RB 49	Pass	1.86	23.37	0.21727	2	21.51	0.142	Inf	21.51
1860MHz_QPSK_RB 1,#RB 99	Pass	1.86	22.79	0.19011	2	20.93	0.124	Inf	20.93
1860MHz_QPSK_RB 50,#RB 0	Pass	1.86	22.34	0.17140	2	20.48	0.112	Inf	20.48
1860MHz_QPSK_RB 50,#RB 24	Pass	1.86	22.24	0.16749	2	20.38	0.109	Inf	20.38
1860MHz_QPSK_RB 50,#RB 50	Pass	1.86	22.20	0.16596	2	20.34	0.108	Inf	20.34
1860MHz_QPSK_RB 100,#RB 0	Pass	1.86	22.29	0.16943	2	20.43	0.110	Inf	20.43
1880MHz_QPSK_RB 1,#RB 0	Pass	1.86	22.94	0.19679	2	21.08	0.128	Inf	21.08
1880MHz_QPSK_RB 1,#RB 49	Pass	1.86	23.36	0.21677	2	21.50	0.141	Inf	21.5
1880MHz_QPSK_RB 1,#RB 99	Pass	1.86	22.78	0.18967	2	20.92	0.124	Inf	20.92
1880MHz_QPSK_RB 50,#RB 0	Pass	1.86	22.09	0.16181	2	20.23	0.105	Inf	20.23



Equivalent Isotropically Radiated Power

Appendix G

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1880MHz_QPSK_RB 50,#RB 24	Pass	1.86	22.24	0.16749	2	20.38	0.109	Inf	20.38
1880MHz_QPSK_RB 50,#RB 50	Pass	1.86	22.15	0.16406	2	20.29	0.107	Inf	20.29
1880MHz_QPSK_RB 100,#RB 0	Pass	1.86	22.14	0.16368	2	20.28	0.107	Inf	20.28
1900MHz_QPSK_RB 1,#RB 0	Pass	1.86	22.87	0.19364	2	21.01	0.126	Inf	21.01
1900MHz_QPSK_RB 1,#RB 49	Pass	1.86	23.34	0.21577	2	21.48	0.141	Inf	21.48
1900MHz_QPSK_RB 1,#RB 99	Pass	1.86	22.84	0.19231	2	20.98	0.125	Inf	20.98
1900MHz_QPSK_RB 50,#RB 0	Pass	1.86	22.52	0.17865	2	20.66	0.116	Inf	20.66
1900MHz_QPSK_RB 50,#RB 24	Pass	1.86	22.27	0.16866	2	20.41	0.110	Inf	20.41
1900MHz_QPSK_RB 50,#RB 50	Pass	1.86	22.37	0.17258	2	20.51	0.112	Inf	20.51
1900MHz_QPSK_RB 100,#RB 0	Pass	1.86	22.43	0.17498	2	20.57	0.114	Inf	20.57
1860MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.18	0.16520	2	20.32	0.108	Inf	20.32
1860MHz_16QAM_RB 1,#RB 49	Pass	1.86	22.68	0.18535	2	20.82	0.121	Inf	20.82
1860MHz_16QAM_RB 1,#RB 99	Pass	1.86	22.36	0.17219	2	20.50	0.112	Inf	20.5
1860MHz_16QAM_RB 50,#RB 0	Pass	1.86	21.38	0.13740	2	19.52	0.090	Inf	19.52
1860MHz_16QAM_RB 50,#RB 24	Pass	1.86	21.30	0.13490	2	19.44	0.088	Inf	19.44
1860MHz_16QAM_RB 50,#RB 50	Pass	1.86	21.29	0.13459	2	19.43	0.088	Inf	19.43
1860MHz_16QAM_RB 100,#RB 0	Pass	1.86	21.34	0.13614	2	19.48	0.089	Inf	19.48
1880MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.46	0.17620	2	20.60	0.115	Inf	20.6
1880MHz_16QAM_RB 1,#RB 49	Pass	1.86	22.65	0.18408	2	20.79	0.120	Inf	20.79
1880MHz_16QAM_RB 1,#RB 99	Pass	1.86	22.12	0.16293	2	20.26	0.106	Inf	20.26
1880MHz_16QAM_RB 50,#RB 0	Pass	1.86	21.16	0.13062	2	19.30	0.085	Inf	19.3
1880MHz_16QAM_RB 50,#RB 24	Pass	1.86	21.26	0.13366	2	19.40	0.087	Inf	19.4
1880MHz_16QAM_RB 50,#RB 50	Pass	1.86	21.15	0.13032	2	19.29	0.085	Inf	19.29
1880MHz_16QAM_RB 100,#RB 0	Pass	1.86	21.16	0.13062	2	19.30	0.085	Inf	19.3
1900MHz_16QAM_RB 1,#RB 0	Pass	1.86	22.21	0.16634	2	20.35	0.108	Inf	20.35
1900MHz_16QAM_RB 1,#RB 49	Pass	1.86	22.72	0.18707	2	20.86	0.122	Inf	20.86
1900MHz_16QAM_RB 1,#RB 99	Pass	1.86	22.30	0.16982	2	20.44	0.111	Inf	20.44
1900MHz_16QAM_RB 50,#RB 0	Pass	1.86	21.55	0.14289	2	19.69	0.093	Inf	19.69
1900MHz_16QAM_RB 50,#RB 24	Pass	1.86	21.38	0.13740	2	19.52	0.090	Inf	19.52
1900MHz_16QAM_RB 50,#RB 50	Pass	1.86	21.47	0.14028	2	19.61	0.091	Inf	19.61
1900MHz_16QAM_RB 100,#RB 0	Pass	1.86	21.50	0.14125	2	19.64	0.092	Inf	19.64

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

Test Result of Radiated Emissions below 1GHz

Mode							
LTE Band 2, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 19193							
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)
30.12	H	-66.26	-13.00	-53.26	-70.79	-46.81	-19.45
45.46	H	-69.58	-13.00	-56.58	-73.21	-52.67	-16.91
208.26	H	-70.26	-13.00	-57.26	-66.69	-67.52	-2.74
277.35	H	-75.76	-13.00	-62.76	-75.05	-74.44	-1.32
324.88	H	-76.13	-13.00	-63.13	-75.99	-74.86	-1.27
434.49	H	-74.19	-13.00	-61.19	-76.49	-72.73	-1.46
30.26	V	-66.45	-13.00	-53.45	-64.62	-47.03	-19.42
51.26	V	-68.12	-13.00	-55.12	-67.19	-52.17	-15.95
89.26	V	-68.45	-13.00	-55.45	-68.38	-63.35	-5.10
202.49	V	-69.45	-13.00	-56.45	-68.65	-66.51	-2.94
233.70	V	-74.82	-13.00	-61.82	-74.06	-72.93	-1.89
443.22	V	-71.69	-13.00	-58.69	-76.16	-70.22	-1.47

Mode							
LTE Band 2, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 19185							
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	-67.49	-13.00	-54.49	-72.00	-48.10	-19.39
45.52	H	-70.26	-13.00	-57.26	-73.87	-53.36	-16.90
207.46	H	-69.31	-13.00	-56.31	-65.69	-66.54	-2.77
277.16	H	-74.58	-13.00	-61.58	-73.87	-73.26	-1.32
325.29	H	-76.49	-13.00	-63.49	-76.36	-75.22	-1.27
434.49	H	-74.19	-13.00	-61.19	-76.49	-72.73	-1.46
30.40	V	-67.21	-13.00	-54.21	-65.19	-47.83	-19.38
51.39	V	-67.55	-13.00	-54.55	-66.59	-51.63	-15.92
89.34	V	-69.38	-13.00	-56.38	-69.32	-64.30	-5.08
203.51	V	-70.44	-13.00	-57.44	-69.65	-67.54	-2.90
235.12	V	-72.31	-13.00	-59.31	-71.56	-70.47	-1.84
443.49	V	-72.02	-13.00	-59.02	-76.50	-70.55	-1.47

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



Mode							
LTE Band 2, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 19175							
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)
30.44	H	-67.59	-13.00	-54.59	-72.09	-48.21	-19.38
45.58	H	-70.39	-13.00	-57.39	-73.99	-53.50	-16.89
207.29	H	-69.38	-13.00	-56.38	-65.74	-66.60	-2.78
277.02	H	-74.29	-13.00	-61.29	-73.58	-72.97	-1.32
323.54	H	-74.29	-13.00	-61.29	-74.12	-73.02	-1.27
434.49	H	-74.33	-13.00	-61.33	-76.63	-72.87	-1.46
30.18	V	-67.42	-13.00	-54.42	-65.38	-47.98	-19.44
51.26	V	-68.12	-13.00	-55.12	-67.19	-52.17	-15.95
89.38	V	-68.00	-13.00	-55.00	-67.95	-62.93	-5.07
202.54	V	-68.56	-13.00	-55.56	-67.76	-65.63	-2.93
234.02	V	-73.54	-13.00	-60.54	-72.78	-71.66	-1.88
445.13	V	-72.58	-13.00	-59.58	-77.11	-71.10	-1.48

Mode							
LTE Band 2, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 19150							
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)
30.05	H	-67.95	-13.00	-54.95	-72.49	-48.48	-19.47
45.68	H	-69.12	-13.00	-56.12	-72.70	-52.25	-16.87
208.46	H	-69.48	-13.00	-56.48	-65.92	-66.74	-2.74
276.28	H	-74.29	-13.00	-61.29	-73.58	-72.97	-1.32
323.95	H	-77.49	-13.00	-64.49	-77.33	-76.22	-1.27
435.25	H	-72.46	-13.00	-59.46	-74.80	-70.99	-1.47
30.38	V	-66.28	-13.00	-53.28	-64.26	-46.89	-19.39
51.64	V	-67.69	-13.00	-54.69	-66.68	-51.82	-15.87
89.54	V	-68.16	-13.00	-55.16	-68.13	-63.12	-5.04
202.45	V	-68.61	-13.00	-55.61	-67.81	-65.67	-2.94
234.15	V	-73.55	-13.00	-60.55	-72.79	-71.68	-1.87
443.59	V	-70.40	-13.00	-57.40	-74.88	-68.93	-1.47

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



Mode							
LTE Band 2, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 19125							
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
30.35	H	-66.98	-13.00	-53.98	-71.49	-47.58	-19.40
45.52	H	-68.41	-13.00	-55.41	-72.02	-51.51	-16.90
207.44	H	-69.31	-13.00	-56.31	-65.68	-66.54	-2.77
278.21	H	-74.16	-13.00	-61.16	-73.46	-72.84	-1.32
325.56	H	-77.64	-13.00	-64.64	-77.52	-76.37	-1.27
435.15	H	-73.45	-13.00	-60.45	-75.78	-71.98	-1.47
30.33	V	-67.59	-13.00	-54.59	-65.57	-48.19	-19.40
51.54	V	-67.38	-13.00	-54.38	-66.39	-51.49	-15.89
89.64	V	-69.15	-13.00	-56.15	-69.13	-64.13	-5.02
203.54	V	-69.11	-13.00	-56.11	-68.32	-66.21	-2.90
234.64	V	-72.68	-13.00	-59.68	-71.93	-70.82	-1.86
442.19	V	-70.45	-13.00	-57.45	-74.89	-68.98	-1.47

Mode							
LTE Band 2, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 18700							
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)
30.46	H	-66.89	-13.00	-53.89	-71.39	-47.52	-19.37
45.64	H	-69.14	-13.00	-56.14	-72.73	-52.26	-16.88
207.46	H	-69.58	-13.00	-56.58	-65.96	-66.81	-2.77
276.15	H	-74.15	-13.00	-61.15	-73.44	-72.83	-1.32
325.64	H	-75.43	-13.00	-62.43	-75.31	-74.16	-1.27
435.15	H	-73.47	-13.00	-60.47	-75.80	-72.00	-1.47
30.54	V	-67.46	-13.00	-54.46	-65.45	-48.11	-19.35
51.43	V	-67.19	-13.00	-54.19	-66.23	-51.28	-15.91
89.34	V	-69.24	-13.00	-56.24	-69.18	-64.16	-5.08
203.58	V	-70.31	-13.00	-57.31	-69.52	-67.41	-2.90
234.02	V	-72.64	-13.00	-59.64	-71.88	-70.76	-1.88
445.15	V	-70.96	-13.00	-57.96	-75.49	-69.49	-1.47

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

Test Result of Radiated Emissions above 1GHz

Mode							
LTE Band 2, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 18607							
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)
3701.40	H	-46.62	-13.00	-33.62	-58.62	-52.62	6.00
5552.10	H	-34.41	-13.00	-21.41	-50.56	-40.18	5.77
7402.80	H	-48.48	-13.00	-35.48	-68.59	-51.47	2.99
3701.40	V	-51.97	-13.00	-38.97	-64.11	-57.97	6.00
5552.10	V	-31.33	-13.00	-18.33	-47.65	-37.10	5.77
7402.80	V	-42.91	-13.00	-29.91	-63.55	-45.90	2.99

Mode							
LTE Band 2, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 18900							
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)
3760.00	H	-46.74	-13.00	-33.74	-58.88	-52.76	6.02
5640.00	H	-34.63	-13.00	-21.63	-50.94	-40.37	5.74
7520.00	H	-48.29	-13.00	-35.29	-68.24	-51.33	3.04
3760.00	V	-52.07	-13.00	-39.07	-64.35	-58.09	6.02
5640.00	V	-31.47	-13.00	-18.47	-47.87	-37.21	5.74
7520.00	V	-43.17	-13.00	-30.17	-63.48	-46.21	3.04

Mode							
LTE Band 2, QPSK, CB:1.4 MHz, 1 RB Offset 3, Channel: 19193							
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)
3818.60	H	-46.33	-13.00	-33.33	-58.64	-52.38	6.05
5727.90	H	-34.33	-13.00	-21.33	-50.86	-40.05	5.72
7637.20	H	-48.66	-13.00	-35.66	-68.59	-51.74	3.08
3818.60	V	-51.83	-13.00	-38.83	-64.28	-57.88	6.05
5727.90	V	-31.04	-13.00	-18.04	-47.44	-36.76	5.72
7637.20	V	-43.54	-13.00	-30.54	-63.75	-46.62	3.08

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



Mode							
LTE Band 2, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 18615							
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)
3700.80	H	-46.45	-13.00	-33.45	-58.45	-52.45	6.00
5551.20	H	-34.26	-13.00	-21.26	-50.41	-40.03	5.77
7401.60	H	-48.32	-13.00	-35.32	-68.43	-51.31	2.99
3700.80	V	-52.44	-13.00	-39.44	-64.58	-58.44	6.00
5551.20	V	-30.96	-13.00	-17.96	-47.28	-36.73	5.77
7401.60	V	-41.75	-13.00	-28.75	-62.39	-44.74	2.99

Mode							
LTE Band 2, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 18900							
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)
3757.80	H	-46.48	-13.00	-33.48	-58.62	-52.50	6.02
5636.70	H	-34.46	-13.00	-21.46	-50.77	-40.20	5.74
7515.60	H	-48.43	-13.00	-35.43	-68.38	-51.47	3.04
3757.80	V	-52.29	-13.00	-39.29	-64.57	-58.31	6.02
5636.70	V	-31.36	-13.00	-18.36	-47.76	-37.10	5.74
7515.60	V	-43.26	-13.00	-30.26	-63.57	-46.30	3.04

Mode							
LTE Band 2, QPSK, CB:3 MHz, 1 RB Offset 8, Channel: 19185							
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)
3814.80	H	-46.59	-13.00	-33.59	-58.89	-52.64	6.05
5722.20	H	-34.24	-13.00	-21.24	-50.76	-39.96	5.72
7629.60	H	-48.95	-13.00	-35.95	-68.87	-52.03	3.08
3814.80	V	-52.14	-13.00	-39.14	-64.59	-58.19	6.05
5722.20	V	-31.45	-13.00	-18.45	-47.85	-37.17	5.72
7629.60	V	-43.08	-13.00	-30.08	-63.28	-46.16	3.08

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



Mode: LTE Band 2, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 18625							
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)
3705.00	H	-46.94	-13.00	-33.94	-58.95	-52.94	6.00
5557.50	H	-34.09	-13.00	-21.09	-50.25	-39.86	5.77
7410.00	H	-48.06	-13.00	-35.06	-68.15	-51.05	2.99
3705.00	V	-52.40	-13.00	-39.40	-64.55	-58.40	6.00
5557.50	V	-31.13	-13.00	-18.13	-47.46	-36.90	5.77
7410.00	V	-42.57	-13.00	-29.57	-63.19	-45.56	2.99

Mode: LTE Band 2, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 18900							
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)
3760.00	H	-46.31	-13.00	-33.31	-58.45	-52.33	6.02
5640.00	H	-33.95	-13.00	-20.95	-50.26	-39.69	5.74
7520.00	H	-48.72	-13.00	-35.72	-68.67	-51.76	3.04
3760.00	V	-51.89	-13.00	-38.89	-64.17	-57.91	6.02
5640.00	V	-30.95	-13.00	-17.95	-47.35	-36.69	5.74
7520.00	V	-43.36	-13.00	-30.36	-63.67	-46.40	3.04

Mode: LTE Band 2, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 19175							
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)
3815.00	H	-46.95	-13.00	-33.95	-59.25	-53.00	6.05
5722.50	H	-33.89	-13.00	-20.89	-50.41	-39.61	5.72
7630.00	H	-47.94	-13.00	-34.94	-67.87	-51.02	3.08
3815.00	V	-51.42	-13.00	-38.42	-63.86	-57.47	6.05
5722.50	V	-31.71	-13.00	-18.71	-48.11	-37.43	5.72
7630.00	V	-43.82	-13.00	-30.82	-64.02	-46.90	3.08

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



Mode							
LTE Band 2, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 18650							
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)
3710.00	H	-46.43	-13.00	-33.43	-58.45	-52.43	6.00
5565.00	H	-34.12	-13.00	-21.12	-50.29	-39.89	5.77
7420.00	H	-48.03	-13.00	-35.03	-68.12	-51.03	3.00
3710.00	V	-51.42	-13.00	-38.42	-63.58	-57.42	6.00
5565.00	V	-31.55	-13.00	-18.55	-47.89	-37.32	5.77
7420.00	V	-43.08	-13.00	-30.08	-63.68	-46.08	3.00

Mode							
LTE Band 2, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 18900							
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)
3760.00	H	-45.81	-13.00	-32.81	-57.95	-51.83	6.02
5640.00	H	-34.16	-13.00	-21.16	-50.47	-39.90	5.74
7520.00	H	-48.58	-13.00	-35.58	-68.53	-51.62	3.04
3760.00	V	-51.35	-13.00	-38.35	-63.63	-57.37	6.02
5640.00	V	-31.15	-13.00	-18.15	-47.55	-36.89	5.74
7520.00	V	-43.47	-13.00	-30.47	-63.78	-46.51	3.04

Mode							
LTE Band 2, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 19150							
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)
3810.00	H	-45.58	-13.00	-32.58	-57.86	-51.63	6.05
5715.00	H	-34.76	-13.00	-21.76	-51.26	-40.48	5.72
7620.00	H	-49.20	-13.00	-36.20	-69.11	-52.28	3.08
3810.00	V	-51.16	-13.00	-38.16	-63.59	-57.21	6.05
5715.00	V	-30.61	-13.00	-17.61	-47.02	-36.33	5.72
7620.00	V	-43.29	-13.00	-30.29	-63.46	-46.37	3.08

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



Mode: LTE Band 2, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 18675							
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)
3715.00	H	-46.42	-13.00	-33.42	-58.45	-52.43	6.01
5572.50	H	-33.85	-13.00	-20.85	-50.03	-39.61	5.76
7430.00	H	-47.77	-13.00	-34.77	-67.84	-50.77	3.00
3715.00	V	-51.39	-13.00	-38.39	-63.59	-57.40	6.01
5572.50	V	-30.48	-13.00	-17.48	-46.84	-36.24	5.76
7430.00	V	-43.62	-13.00	-30.62	-64.19	-46.62	3.00

Mode: LTE Band 2, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 18900							
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)
3760.00	H	-45.81	-13.00	-32.81	-57.95	-51.83	6.02
5640.00	H	-34.96	-13.00	-21.96	-51.27	-40.70	5.74
7520.00	H	-48.53	-13.00	-35.53	-68.48	-51.57	3.04
3760.00	V	-51.30	-13.00	-38.30	-63.58	-57.32	6.02
5640.00	V	-31.76	-13.00	-18.76	-48.16	-37.50	5.74
7520.00	V	-43.45	-13.00	-30.45	-63.76	-46.49	3.04

Mode: LTE Band 2, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 19125							
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)
3805.00	H	-46.89	-13.00	-33.89	-59.15	-52.93	6.04
5707.50	H	-34.71	-13.00	-21.71	-51.19	-40.43	5.72
7610.00	H	-47.97	-13.00	-34.97	-67.86	-51.04	3.07
3805.00	V	-51.54	-13.00	-38.54	-63.94	-57.58	6.04
5707.50	V	-31.85	-13.00	-18.85	-48.26	-37.57	5.72
7610.00	V	-42.81	-13.00	-29.81	-62.95	-45.88	3.07

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



Mode							
LTE Band 2, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 18700							
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)
3720.00	H	-46.91	-13.00	-33.91	-58.96	-52.92	6.01
5580.00	H	-34.16	-13.00	-21.16	-50.35	-39.92	5.76
7440.00	H	-49.14	-13.00	-36.14	-69.20	-52.15	3.01
3720.00	V	-53.11	-13.00	-40.11	-65.30	-59.12	6.01
5580.00	V	-32.26	-13.00	-19.26	-48.63	-38.02	5.76
7440.00	V	-43.72	-13.00	-30.72	-64.26	-46.73	3.01

Mode							
LTE Band 2, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 18900							
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)
3760.00	H	-46.11	-13.00	-33.11	-58.25	-52.13	6.02
5640.00	H	-35.16	-13.00	-22.16	-51.47	-40.90	5.74
7520.00	H	-49.38	-13.00	-36.38	-69.33	-52.42	3.04
3760.00	V	-51.20	-13.00	-38.20	-63.48	-57.22	6.02
5640.00	V	-31.14	-13.00	-18.14	-47.54	-36.88	5.74
7520.00	V	-43.64	-13.00	-30.64	-63.95	-46.68	3.04

Mode							
LTE Band 2, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 19125							
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)
3800.00	H	-46.05	-13.00	-33.05	-58.29	-52.09	6.04
5700.00	H	-35.00	-13.00	-22.00	-51.46	-40.72	5.72
7600.00	H	-48.28	-13.00	-35.28	-68.16	-51.35	3.07
3800.00	V	-52.40	-13.00	-39.40	-64.79	-58.44	6.04
5700.00	V	-31.47	-13.00	-18.47	-47.87	-37.19	5.72
7600.00	V	-44.03	-13.00	-31.03	-64.15	-47.10	3.07

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



Summary

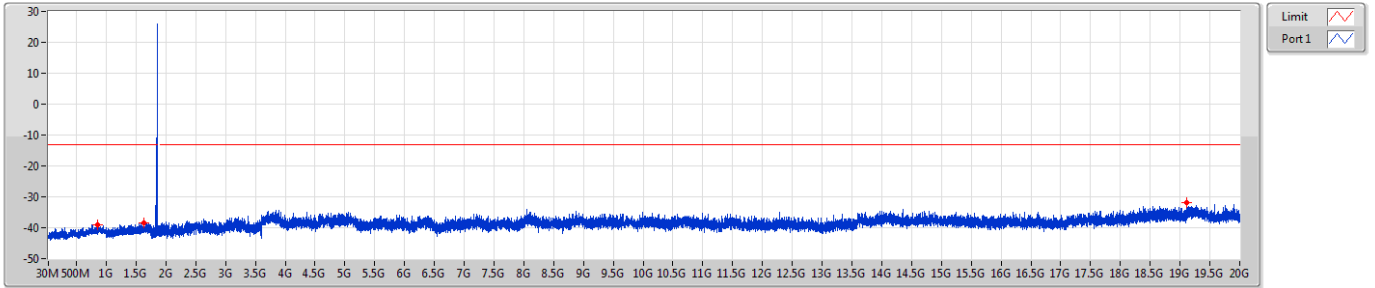
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 2	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.11039G	-31.75	-13.00	-18.75	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.51427G	-32.14	-13.00	-19.14	-	-
LTE_3MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.13648G	-31.46	-13.00	-18.46	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.22463G	-32.11	-13.00	-19.11	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.19855G	-31.76	-13.00	-18.76	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.86687G	-32.17	-13.00	-19.17	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	18.75779G	-31.44	-13.00	-18.44	-	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.20484G	-30.33	-13.00	-17.33	-	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	18.70022G	-32.34	-13.00	-19.34	-	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.1077G	-31.89	-13.00	-18.89	-	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.74904G	-32.05	-13.00	-19.05	-	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.08701G	-31.63	-13.00	-18.63	-	-



Band 2_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Sum

1850.7MHz_QPSK

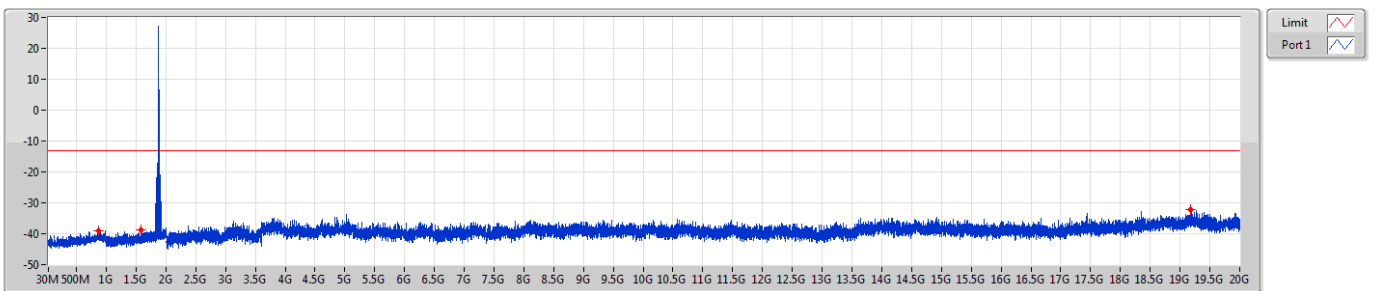


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	856.44M	-39.05	-13.00	-26.05	-	-
1G	1.75G	1M	3M	Peak	1.63488G	-38.41	-13.00	-25.41	-	-
2.01G	20G	1M	3M	Peak	19.11039G	-31.75	-13.00	-18.75	-	-

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX

CSE-TX-Sum

1880MHz_QPSK

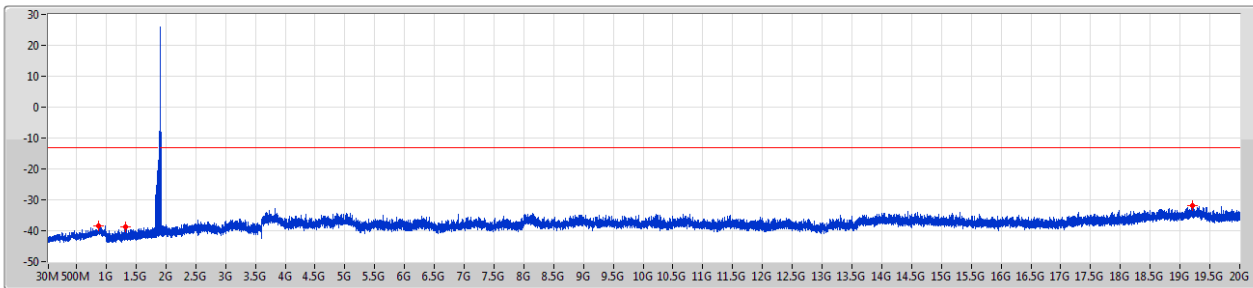


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	871.96M	-38.99	-13.00	-25.99	-	-
1G	1.75G	1M	3M	Peak	1.57563G	-38.62	-13.00	-25.62	-	-
2.01G	20G	1M	3M	Peak	19.17696G	-32.18	-13.00	-19.18	-	-



Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK

CSE-TX-Sum



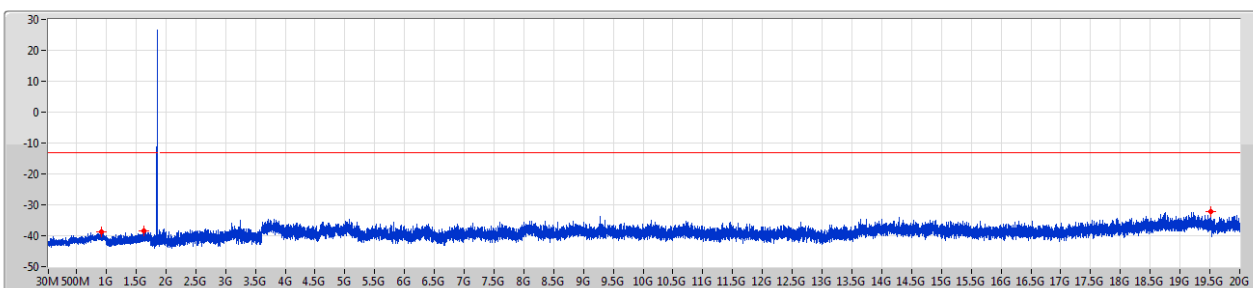
Limit

Port 1

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	872.93M	-38.33	-13.00	-25.33	-	-
1G	1.75G	1M	3M	Peak	1.32888G	-38.69	-13.00	-25.69	-	-
2.01G	20G	1M	3M	Peak	19.21294G	-31.84	-13.00	-18.84	-	-

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM

CSE-TX-Sum



Limit

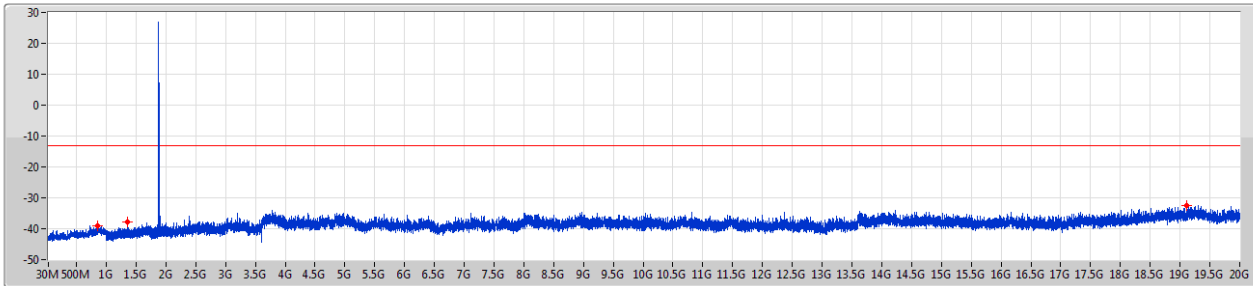
Port 1

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	913.67M	-38.72	-13.00	-25.72	-	-
1G	1.75G	1M	3M	Peak	1.62513G	-38.38	-13.00	-25.38	-	-
2.01G	20G	1M	3M	Peak	19.51427G	-32.14	-13.00	-19.14	-	-



Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM

CSE-TX-Sum

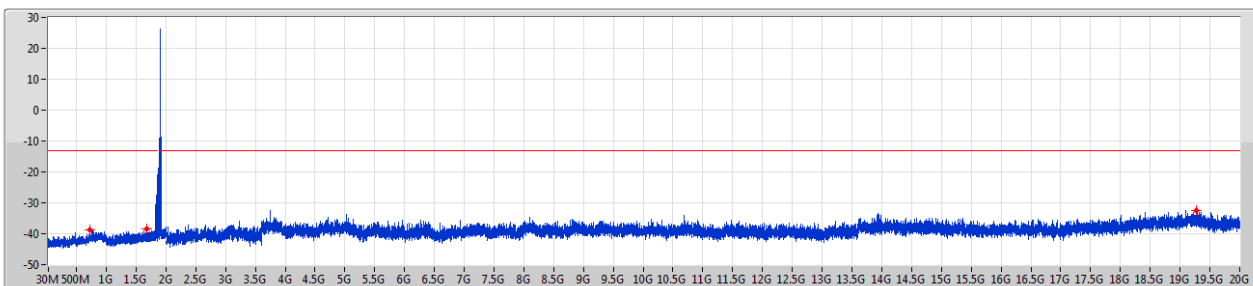


Limit
Port 1

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	861.29M	-38.91	-13.00	-25.91	-	-
1G	1.75G	1M	3M	Peak	1.34988G	-37.68	-13.00	-24.68	-	-
2.01G	20G	1M	3M	Peak	19.1086G	-32.42	-13.00	-19.42	-	-

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM

CSE-TX-Sum



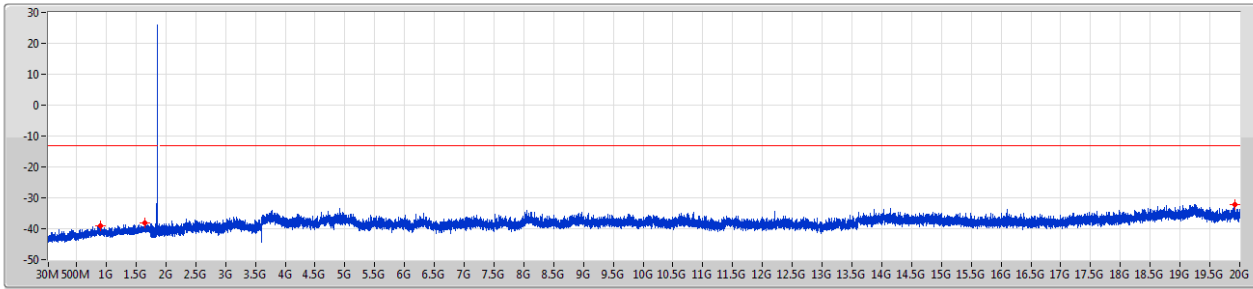
Limit
Port 1

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	730.34M	-38.69	-13.00	-25.69	-	-
1G	1.75G	1M	3M	Peak	1.67988G	-38.54	-13.00	-25.54	-	-
2.01G	20G	1M	3M	Peak	19.2723G	-32.38	-13.00	-19.38	-	-



Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK

CSE-TX-Sum



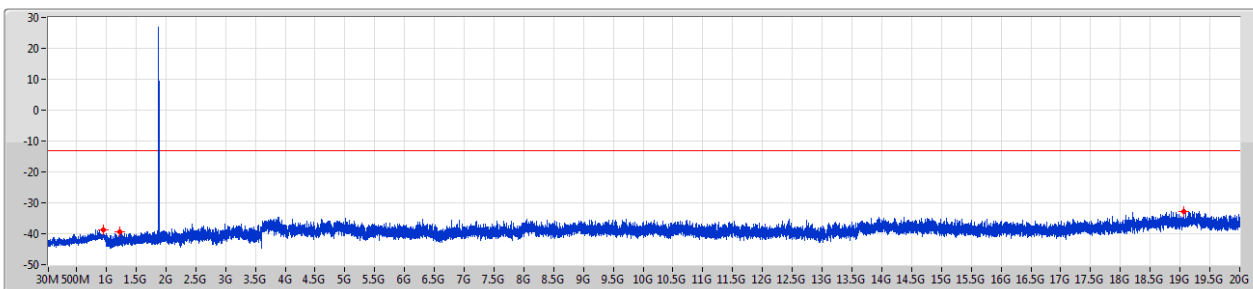
Limit

Port 1

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	-38.97	-13.00	-25.97	-	-
1G	1.75G	1M	3M	Peak	1.64425G	-38.23	-13.00	-25.23	-	-
2.01G	20G	1M	3M	Peak	19.91815G	-32.12	-13.00	-19.12	-	-

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK

CSE-TX-Sum



Limit

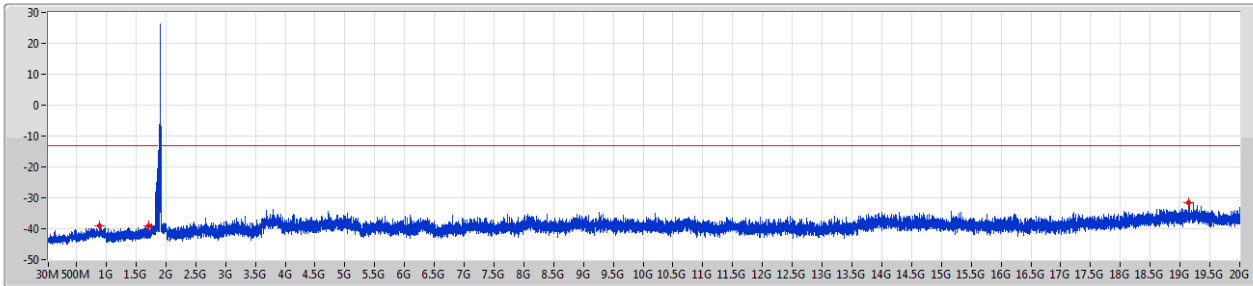
Port 1

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	945.68M	-38.62	-13.00	-25.62	-	-
1G	1.75G	1M	3M	Peak	1.23438G	-39.38	-13.00	-26.38	-	-
2.01G	20G	1M	3M	Peak	19.06092G	-32.68	-13.00	-19.68	-	-



Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK

CSE-TX-Sum

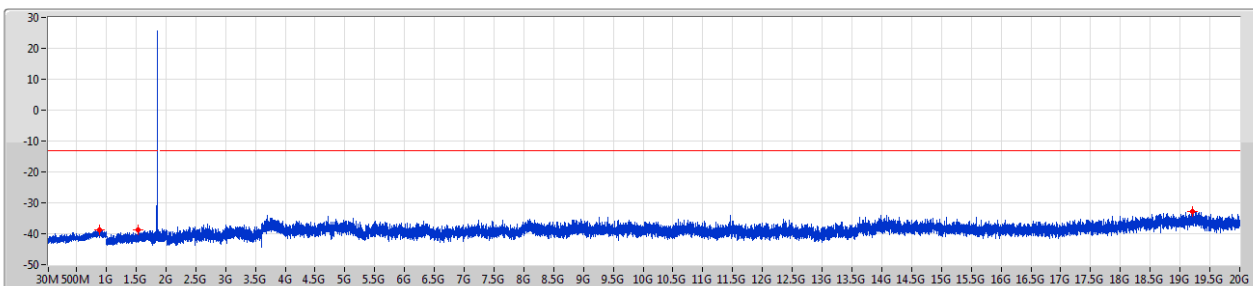


Limit
Port 1

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	894.27M	-39.10	-13.00	-26.10	-	-
1G	1.75G	1M	3M	Peak	1.71213G	-39.02	-13.00	-26.02	-	-
2.01G	20G	1M	3M	Peak	19.13648G	-31.46	-13.00	-18.46	-	-

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM

CSE-TX-Sum



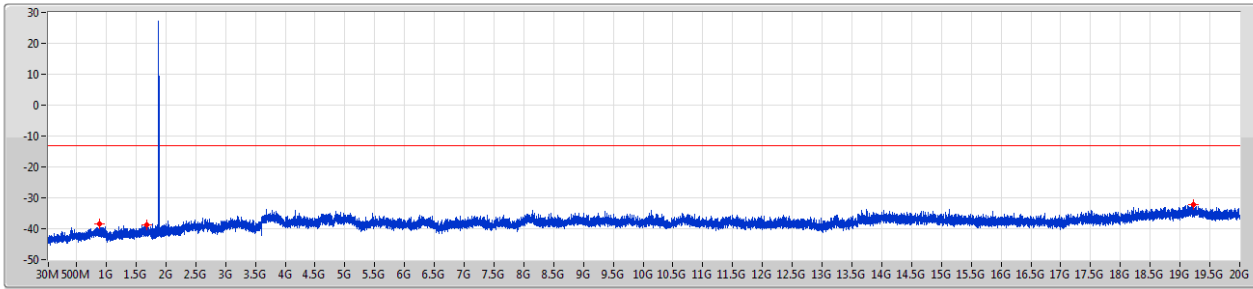
Limit
Port 1

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	893.3M	-38.75	-13.00	-25.75	-	-
1G	1.75G	1M	3M	Peak	1.53888G	-38.85	-13.00	-25.85	-	-
2.01G	20G	1M	3M	Peak	19.20304G	-32.67	-13.00	-19.67	-	-



Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM

CSE-TX-Sum



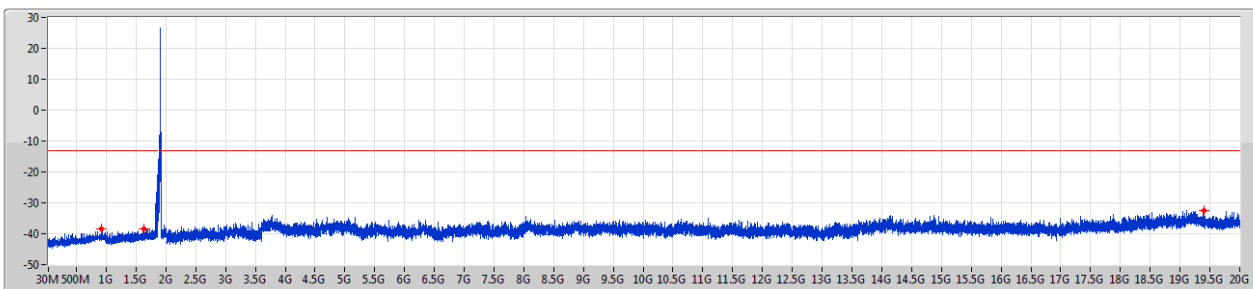
Limit

Port 1

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	890.39M	-38.57	-13.00	-25.57	-	-
1G	1.75G	1M	3M	Peak	1.68625G	-38.66	-13.00	-25.66	-	-
2.01G	20G	1M	3M	Peak	19.22463G	-32.11	-13.00	-19.11	-	-

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM

CSE-TX-Sum



Limit

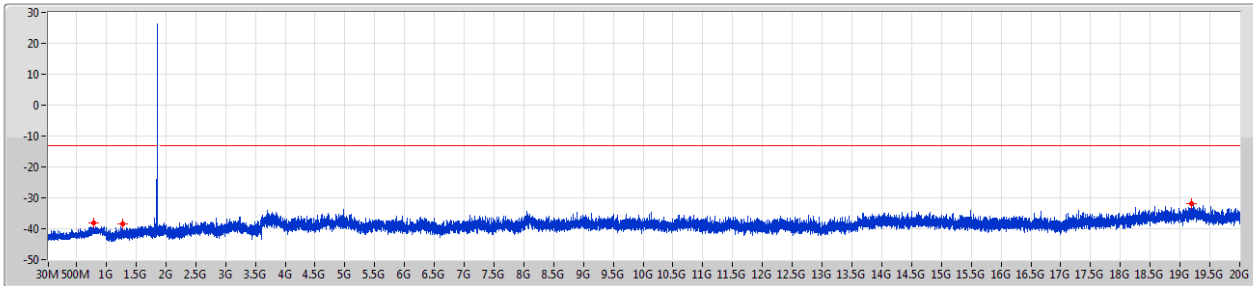
Port 1

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	916.58M	-38.46	-13.00	-25.46	-	-
1G	1.75G	1M	3M	Peak	1.63713G	-38.51	-13.00	-25.51	-	-
2.01G	20G	1M	3M	Peak	19.40723G	-32.46	-13.00	-19.46	-	-



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK

CSE-TX-Sum



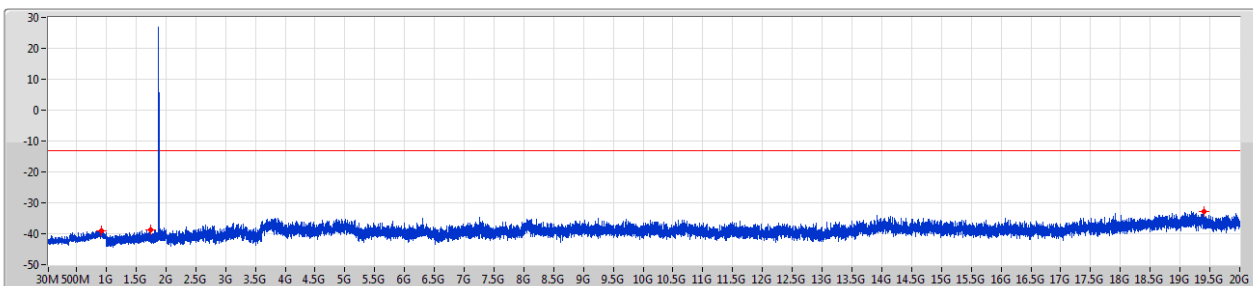
Limit

Port 1

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	789.51M	-38.11	-13.00	-25.11	-	-
1G	1.75G	1M	3M	Peak	1.26888G	-38.55	-13.00	-25.55	-	-
2.01G	20G	1M	3M	Peak	19.19855G	-31.76	-13.00	-18.76	-	-

Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK

CSE-TX-Sum



Limit

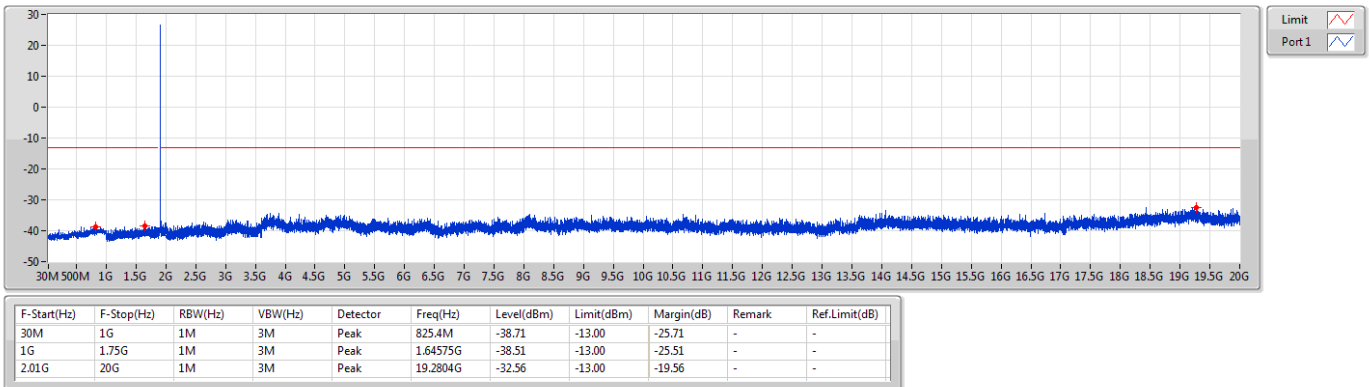
Port 1

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	913.67M	-39.15	-13.00	-26.15	-	-
1G	1.75G	1M	3M	Peak	1.75G	-38.80	-13.00	-25.80	-	-
2.01G	20G	1M	3M	Peak	19.40813G	-32.74	-13.00	-19.74	-	-



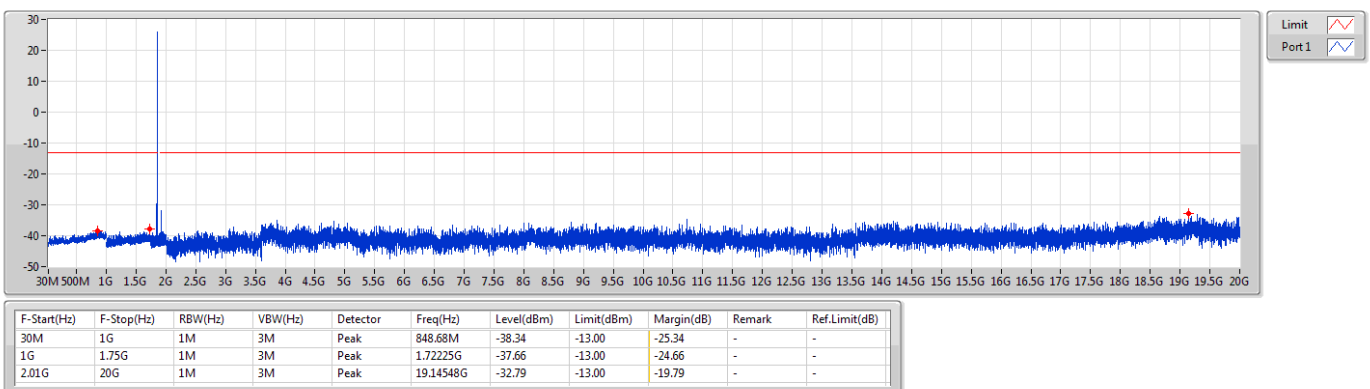
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK

CSE-TX-Sum



Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM

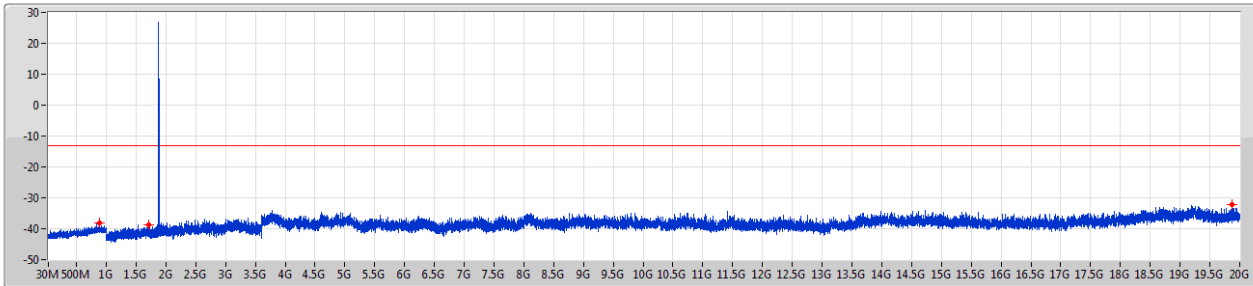
CSE-TX-Sum





Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM

CSE-TX-Sum



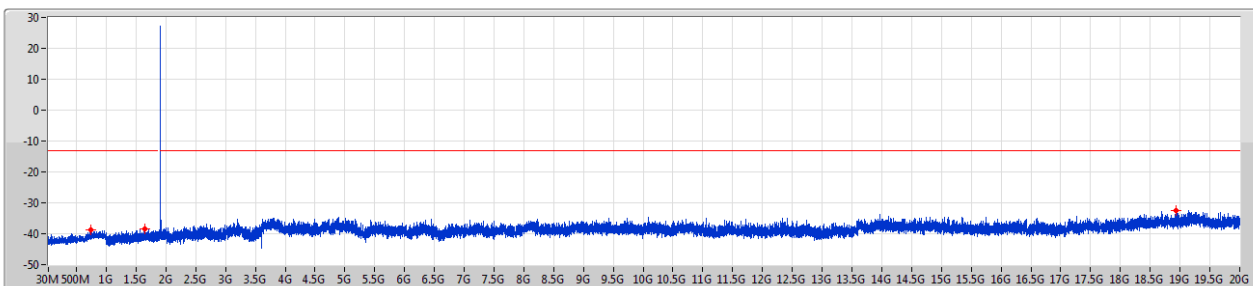
Limit

Port 1

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	888.45M	-38.11	-13.00	-25.11	-	-
1G	1.75G	1M	3M	Peak	1.71475G	-38.64	-13.00	-25.64	-	-
2.01G	20G	1M	3M	Peak	19.86687G	-32.17	-13.00	-19.17	-	-

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM

CSE-TX-Sum



Limit

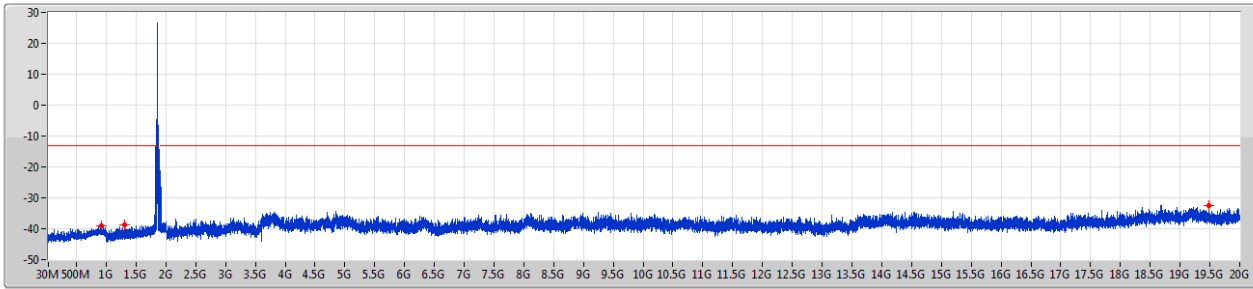
Port 1



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	741.01M	-38.66	-13.00	-25.66	-	-
1G	1.75G	1M	3M	Peak	1.65288G	-38.32	-13.00	-25.32	-	-
2.01G	20G	1M	3M	Peak	18.9296G	-32.42	-13.00	-19.42	-	-



Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK

CSE-TX-Sum

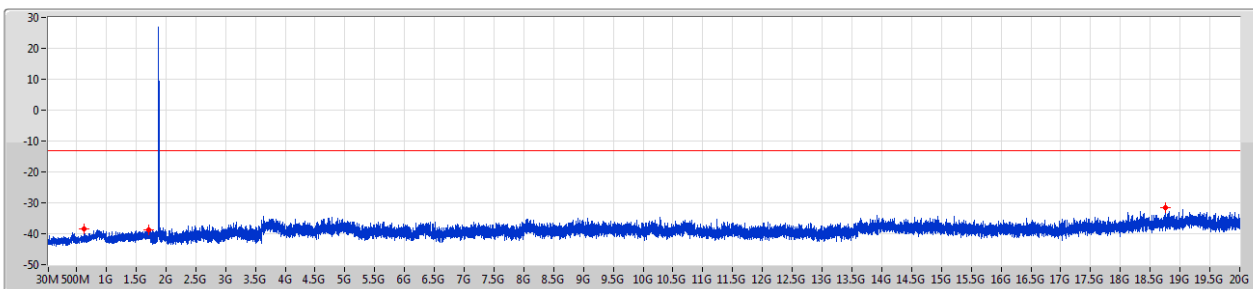




Limit 
Port 1 

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	920.46M	-39.11	-13.00	-26.11	-	-
1G	1.75G	1M	3M	Peak	1.30863G	-38.74	-13.00	-25.74	-	-
2.01G	20G	1M	3M	Peak	19.47829G	-32.48	-13.00	-19.48	-	-

Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK

CSE-TX-Sum



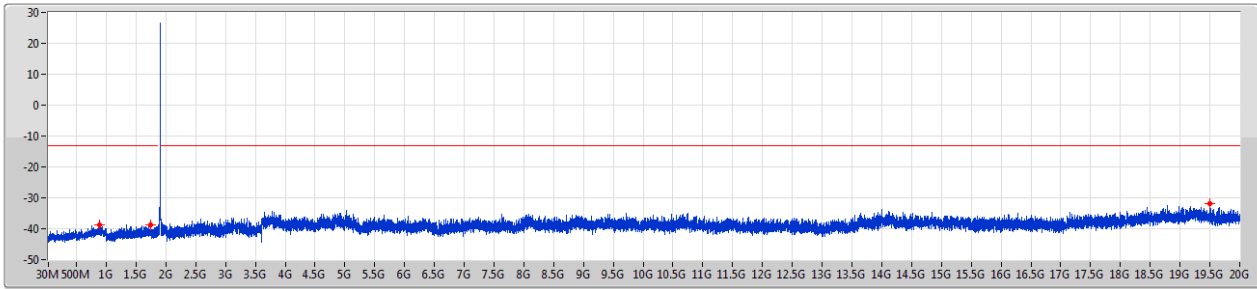
Limit 
Port 1 

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	623.64M	-38.57	-13.00	-25.57	-	-
1G	1.75G	1M	3M	Peak	1.70613G	-38.75	-13.00	-25.75	-	-
2.01G	20G	1M	3M	Peak	18.75779G	-31.44	-13.00	-18.44	-	-



Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK

CSE-TX-Sum



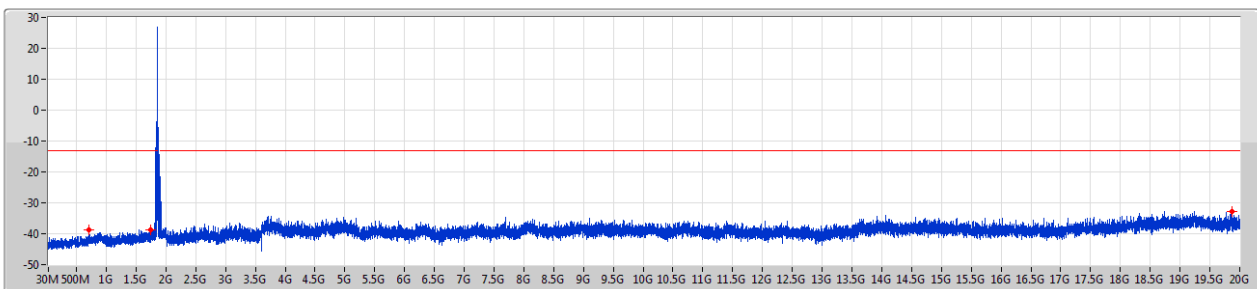
Limit

Port 1

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	887.48M	-38.73	-13.00	-25.73	-	-
1G	1.75G	1M	3M	Peak	1.74213G	-38.81	-13.00	-25.81	-	-
2.01G	20G	1M	3M	Peak	19.49808G	-32.00	-13.00	-19.00	-	-

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM

CSE-TX-Sum



Limit

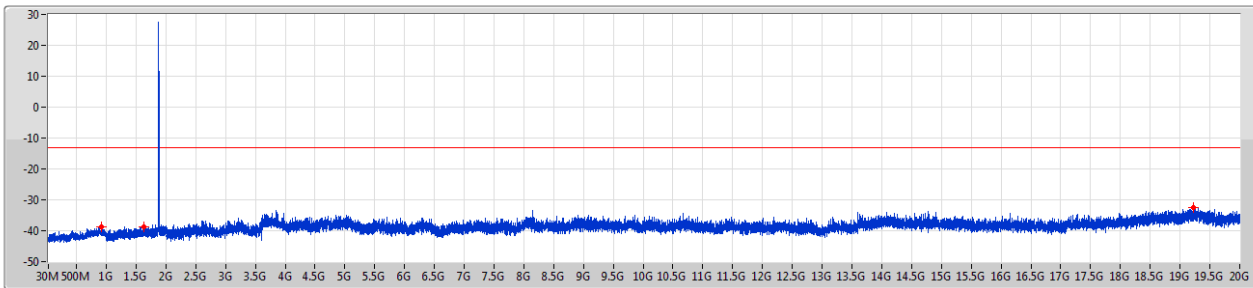
Port 1

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	715.79M	-38.66	-13.00	-25.66	-	-
1G	1.75G	1M	3M	Peak	1.74025G	-38.76	-13.00	-25.76	-	-
2.01G	20G	1M	3M	Peak	19.47857G	-32.75	-13.00	-19.75	-	-



Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM

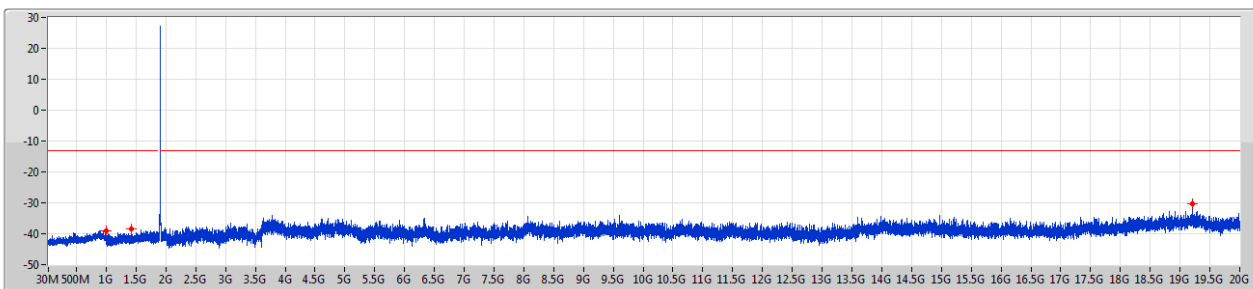
CSE-TX-Sum



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	915.61M	-38.63	-13.00	-25.63	-	-
1G	1.75G	1M	3M	Peak	1.62675G	-38.61	-13.00	-25.61	-	-
2.01G	20G	1M	3M	Peak	19.21923G	-32.35	-13.00	-19.35	-	-

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM

CSE-TX-Sum

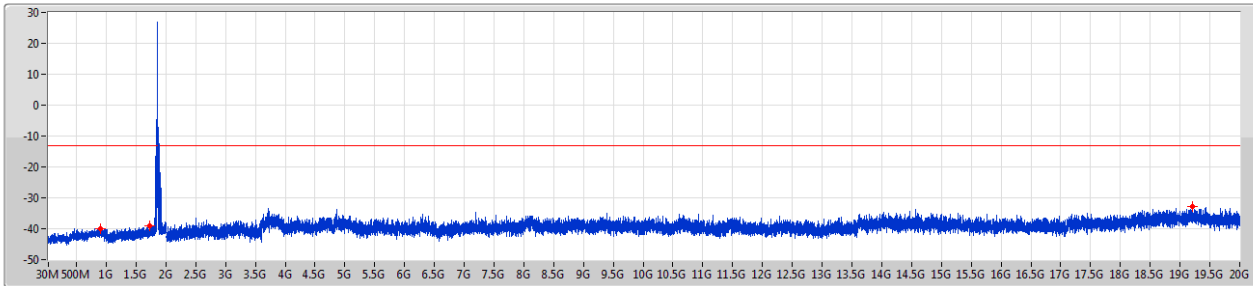


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	992.24M	-38.99	-13.00	-25.99	-	-
1G	1.75G	1M	3M	Peak	1.417G	-38.49	-13.00	-25.49	-	-
2.01G	20G	1M	3M	Peak	19.20484G	-30.33	-13.00	-17.33	-	-



Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK

CSE-TX-Sum



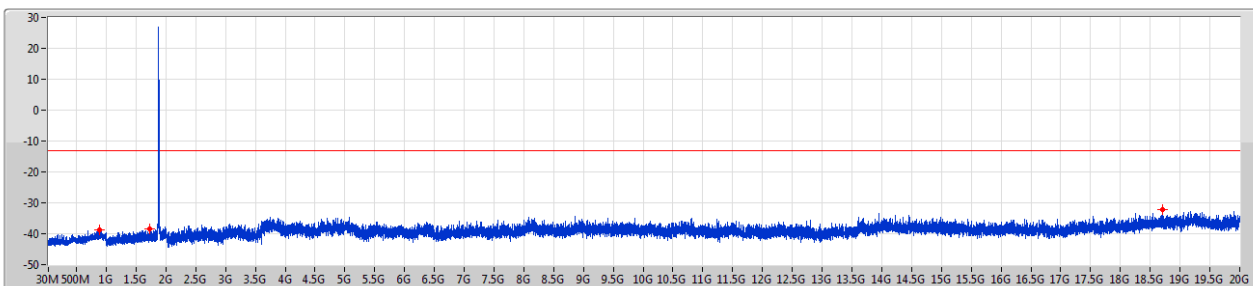
Limit

Port 1

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	903M	-39.97	-13.00	-26.97	-	-
1G	1.75G	1M	3M	Peak	1.72375G	-39.20	-13.00	-26.20	-	-
2.01G	20G	1M	3M	Peak	19.20484G	-32.84	-13.00	-19.84	-	-

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK

CSE-TX-Sum



Limit

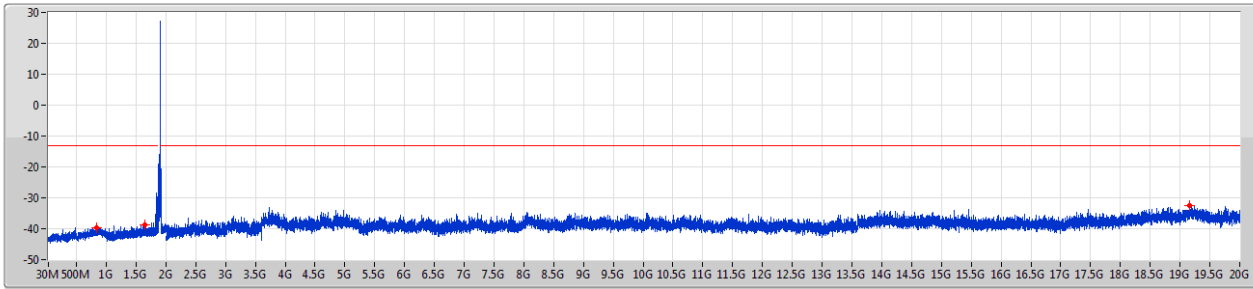
Port 1

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	890.39M	-38.66	-13.00	-25.66	-	-
1G	1.75G	1M	3M	Peak	1.72225G	-38.58	-13.00	-25.58	-	-
2.01G	20G	1M	3M	Peak	18.70022G	-32.34	-13.00	-19.34	-	-



Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK

CSE-TX-Sum



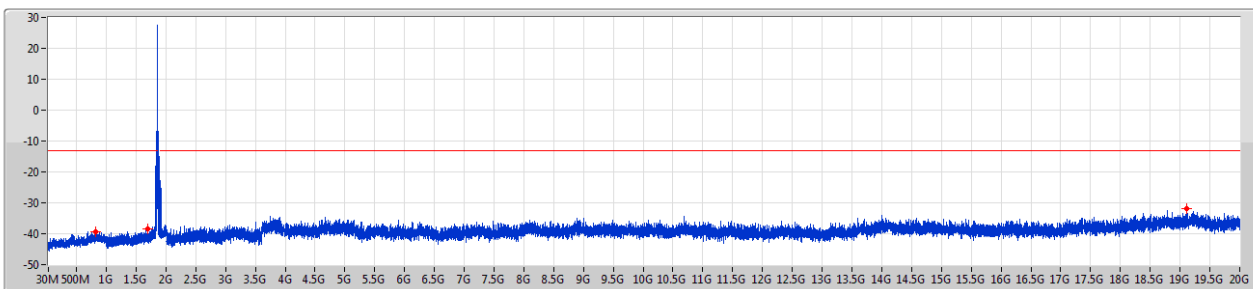
Limit

Port 1

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	-39.58	-13.00	-26.58	-	-
1G	1.75G	1M	3M	Peak	1.65213G	-38.75	-13.00	-25.75	-	-
2.01G	20G	1M	3M	Peak	19.15447G	-32.40	-13.00	-19.40	-	-

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM

CSE-TX-Sum



Limit

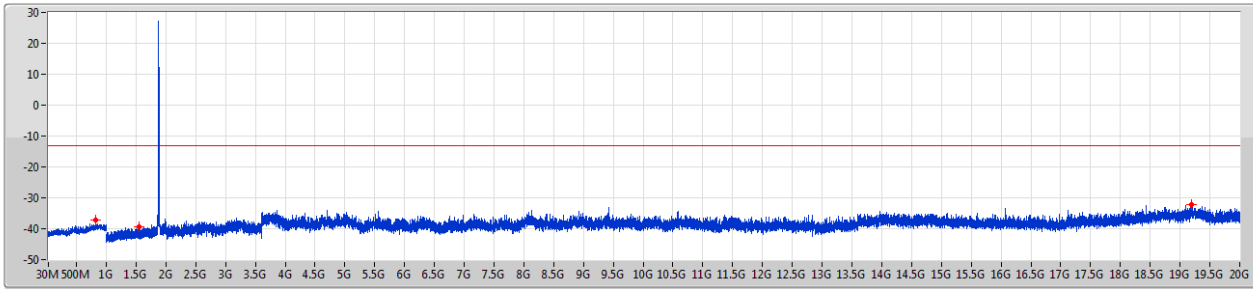
Port 1

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	815.7M	-39.27	-13.00	-26.27	-	-
1G	1.75G	1M	3M	Peak	1.69113G	-38.59	-13.00	-25.59	-	-
2.01G	20G	1M	3M	Peak	19.1077G	-31.89	-13.00	-18.89	-	-



Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM

CSE-TX-Sum



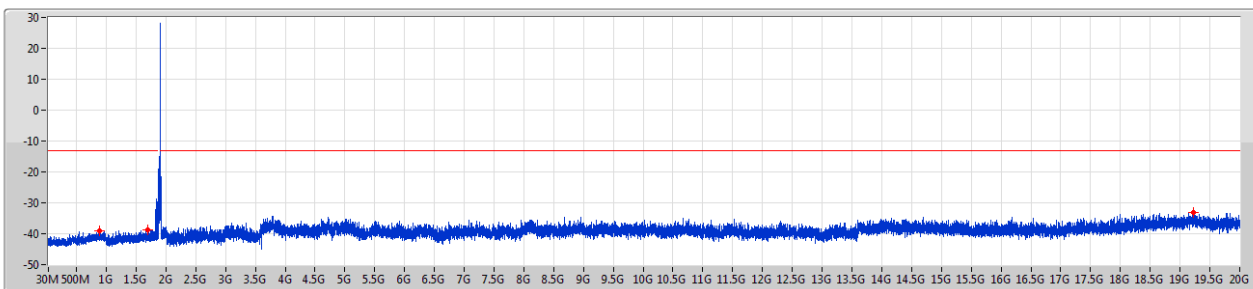
Limit

Port 1

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	820.55M	-37.28	-13.00	-24.28	-	-
1G	1.75G	1M	3M	Peak	1.54489G	-39.22	-13.00	-26.22	-	-
2.01G	20G	1M	3M	Peak	19.19855G	-32.11	-13.00	-19.11	-	-

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1902.5MHz_16QAM

CSE-TX-Sum



Limit

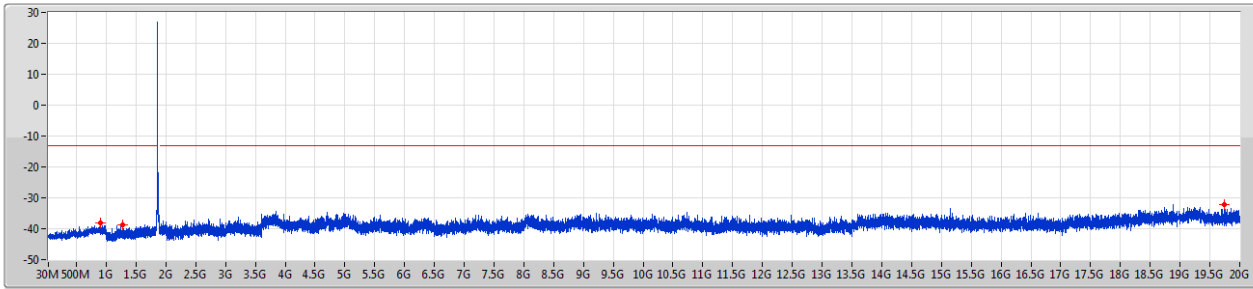
Port 1

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	885.54M	-38.94	-13.00	-25.94	-	-
1G	1.75G	1M	3M	Peak	1.69113G	-38.85	-13.00	-25.85	-	-
2.01G	20G	1M	3M	Peak	19.22013G	-33.06	-13.00	-20.06	-	-



Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK

CSE-TX-Sum



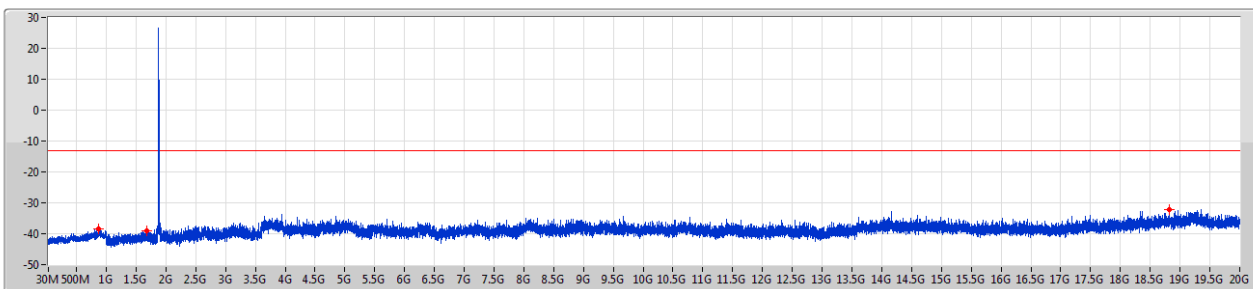
Limit

Port 1

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	-38.08	-13.00	-25.08	-	-
1G	1.75G	1M	3M	Peak	1.27375G	-38.61	-13.00	-25.61	-	-
2.01G	20G	1M	3M	Peak	19.74904G	-32.05	-13.00	-19.05	-	-

Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK

CSE-TX-Sum



Limit

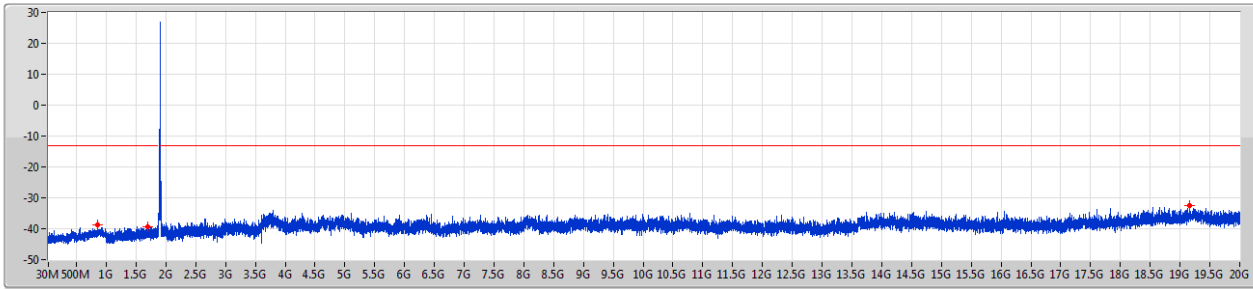
Port 1

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	865.17M	-38.57	-13.00	-25.57	-	-
1G	1.75G	1M	3M	Peak	1.67575G	-39.01	-13.00	-26.01	-	-
2.01G	20G	1M	3M	Peak	18.81806G	-32.15	-13.00	-19.15	-	-



Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK

CSE-TX-Sum



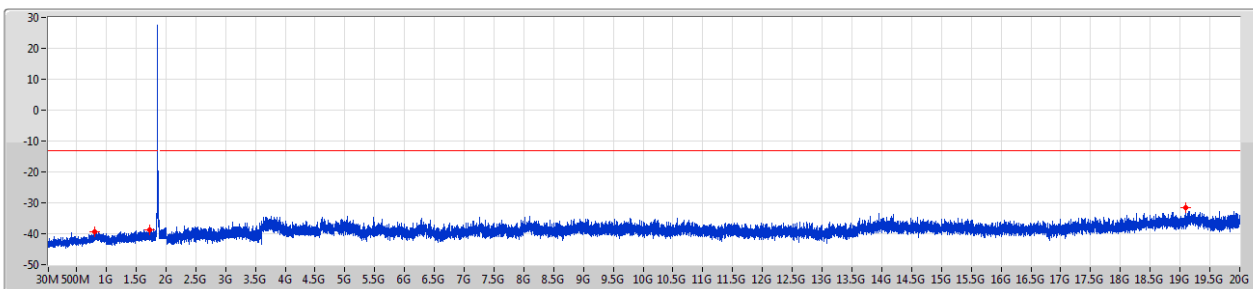
Limit

Port 1

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	859.35M	-38.83	-13.00	-25.83	-	-
1G	1.75G	1M	3M	Peak	1.68775G	-39.23	-13.00	-26.23	-	-
2.01G	20G	1M	3M	Peak	19.15447G	-32.38	-13.00	-19.38	-	-

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM

CSE-TX-Sum



Limit

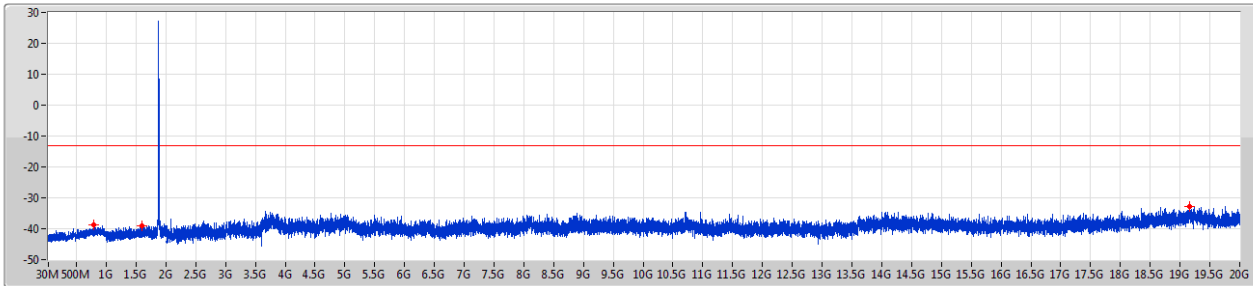
Port 1

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	806M	-39.34	-13.00	-26.34	-	-
1G	1.75G	1M	3M	Peak	1.73275G	-38.80	-13.00	-25.80	-	-
2.01G	20G	1M	3M	Peak	19.08701G	-31.63	-13.00	-18.63	-	-



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1880MHz_16QAM

CSE-TX-Sum



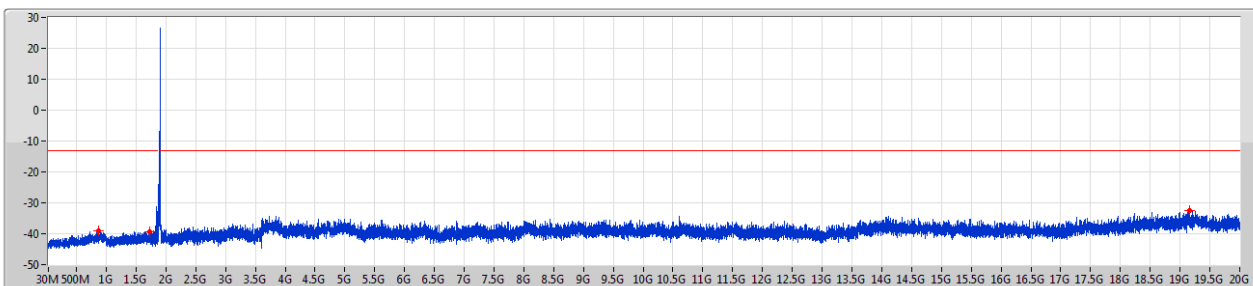
Limit

Port 1

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	786.6M	-38.87	-13.00	-25.87	-	-
1G	1.75G	1M	3M	Peak	1.59363G	-39.04	-13.00	-26.04	-	-
2.01G	20G	1M	3M	Peak	19.16167G	-32.76	-13.00	-19.76	-	-

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1900MHz_16QAM

CSE-TX-Sum



Limit

Port 1

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	867.11M	-39.02	-13.00	-26.02	-	-
1G	1.75G	1M	3M	Peak	1.73013G	-39.40	-13.00	-26.40	-	-
2.01G	20G	1M	3M	Peak	19.16436G	-32.58	-13.00	-19.58	-	-



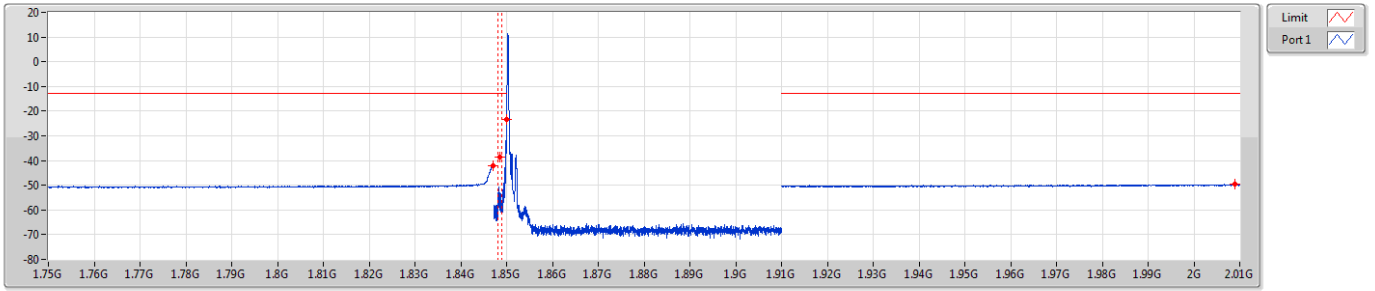
Summary

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 2	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1.849G	1.85G	15k	47k	RMS	1.85G	-23.35	-13.00	-10.35	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.91G	1.911G	15k	47k	RMS	1.91G	-20.97	-13.00	-7.97	-	-
LTE_3MHz_Nss1,QPSK_1TX	Pass	1.849G	1.85G	30k	100k	RMS	1.85G	-19.23	-13.00	-6.23	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	1.849G	1.85G	30k	100k	RMS	1.85G	-20.42	-13.00	-7.42	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	1.849G	1.85G	51k	160k	RMS	1.85G	-19.91	-13.00	-6.91	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.849G	1.85G	51k	160k	RMS	1.85G	-20.45	-13.00	-7.45	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-18.73	-13.00	-5.73	MBW 1M	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-19.97	-13.00	-6.97	MBW 1M	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-20.35	-13.00	-7.35	MBW 1M	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-22.18	-13.00	-9.18	MBW 1M	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-23.47	-13.00	-10.47	MBW 1M	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-24.86	-13.00	-11.86	MBW 1M	-



Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 1,#RB 0

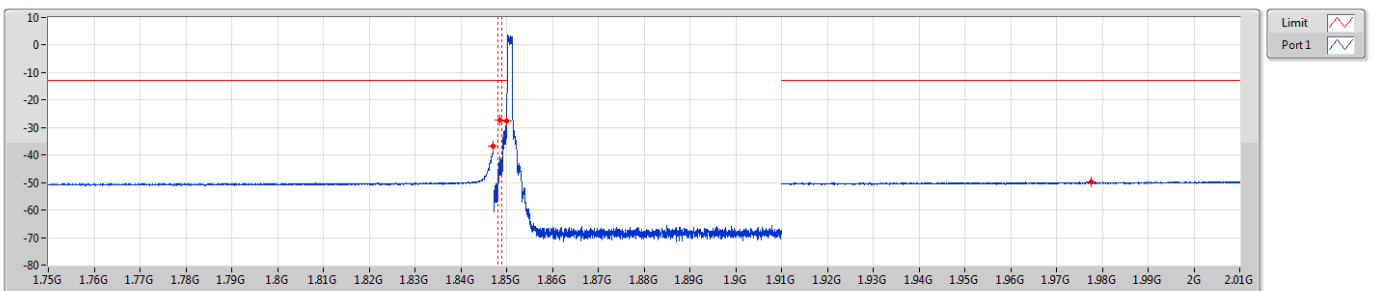
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.8472G	1M	3M	RMS	1.84696G	-42.25	-13.00	-29.25	-	-
1.8472G	1.849G	15k	47k	RMS	1.8485G	-38.69	-13.00	-25.69	MBW 1M	-
1.849G	1.85G	15k	47k	RMS	1.85G	-23.35	-13.00	-10.35	-	-
1.91G	2.01G	1M	3M	RMS	2.00905G	-49.66	-13.00	-36.66	-	-

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 6,#RB 0

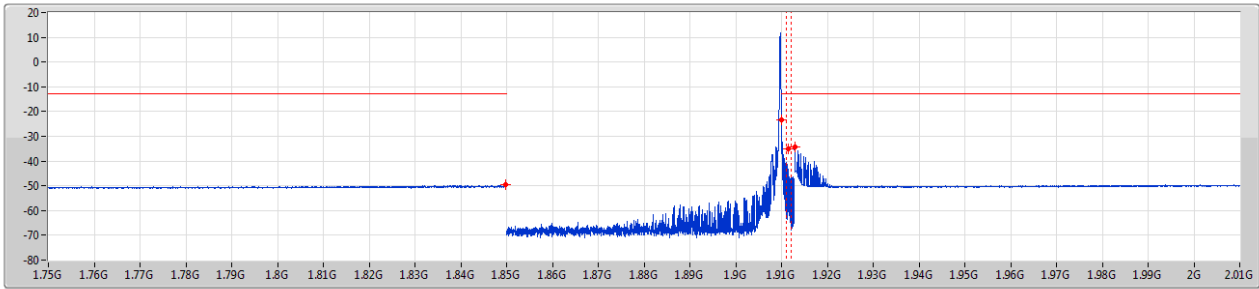
CSE-TX-Sum





F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.8472G	1M	3M	RMS	1.84715G	-36.84	-13.00	-23.84	-	-
1.8472G	1.849G	15k	47k	RMS	1.8485G	-27.25	-13.00	-14.25	MBW 1M	-
1.849G	1.85G	15k	47k	RMS	1.85G	-27.62	-13.00	-14.62	-	-
1.91G	2.01G	1M	3M	RMS	1.9776G	-49.67	-13.00	-36.67	-	-

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
 1909.3MHz_QPSK_RB 1,#RB 5

CSE-TX-Sum

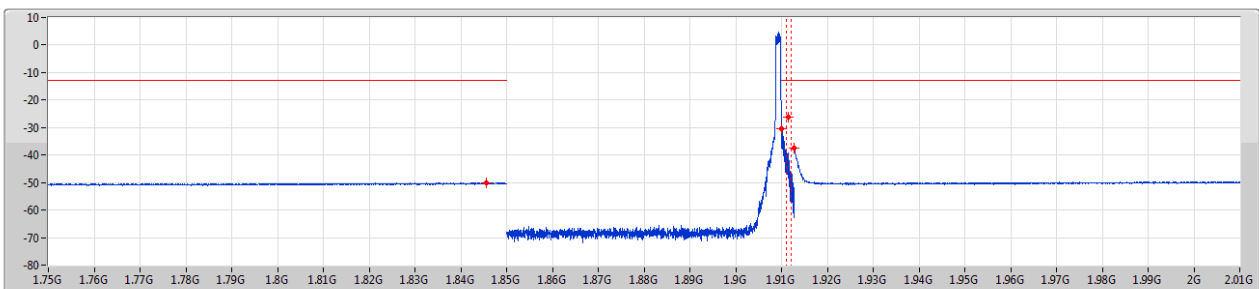




Limit 
 Port 1 

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84985G	-49.56	-13.00	-36.56	-	-
1.91G	1.911G	15k	47k	RMS	1.91001G	-23.55	-13.00	-10.55	-	-
1.911G	1.9128G	15k	47k	RMS	1.9115G	-34.98	-13.00	-21.98	MBW 1M	-
1.9128G	2.01G	1M	3M	RMS	1.91285G	-34.16	-13.00	-21.16	-	-

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
 1909.3MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum



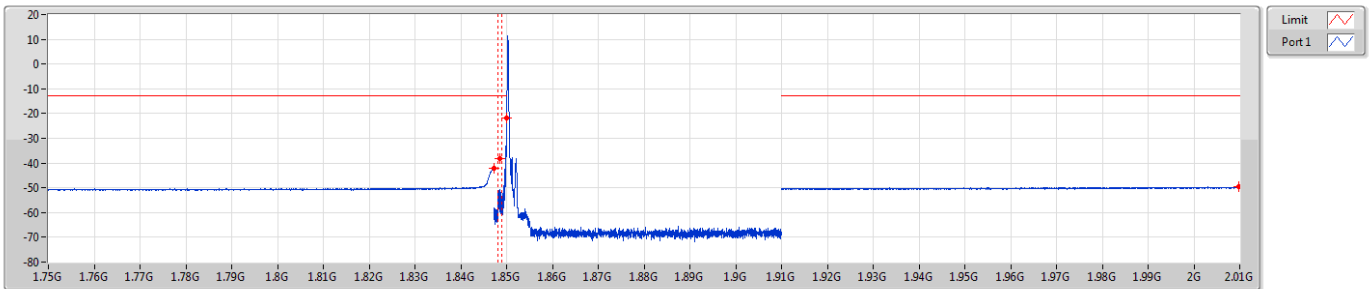
Limit 
 Port 1 

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84565G	-50.08	-13.00	-37.08	-	-
1.91G	1.911G	15k	47k	RMS	1.91G	-30.60	-13.00	-17.60	-	-
1.911G	1.9128G	15k	47k	RMS	1.9115G	-26.37	-13.00	-13.37	MBW 1M	-
1.9128G	2.01G	1M	3M	RMS	1.9128G	-37.61	-13.00	-24.61	-	-



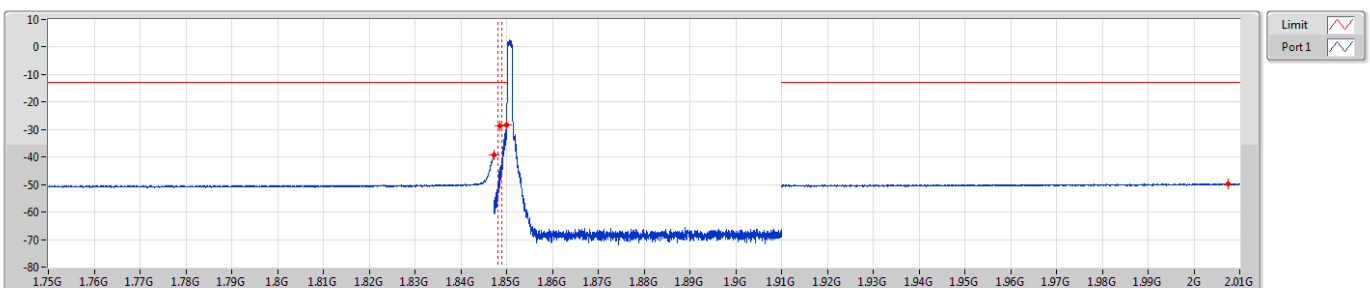
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 6,#RB 0

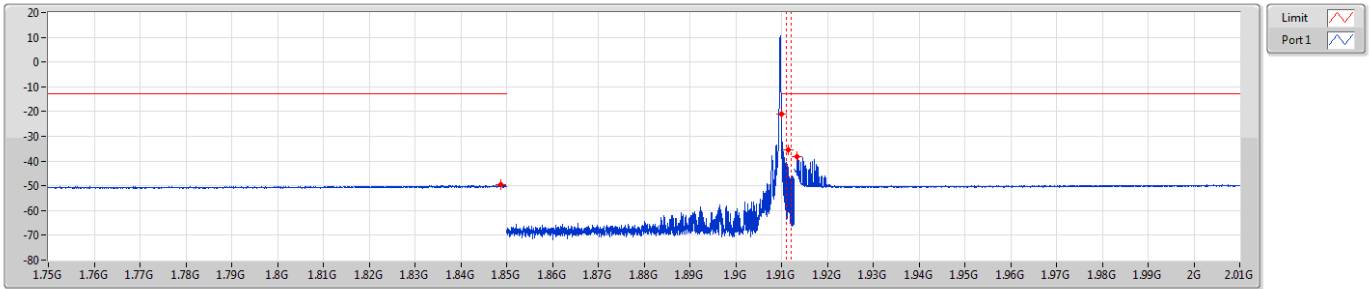
CSE-TX-Sum





Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 1,#RB 5

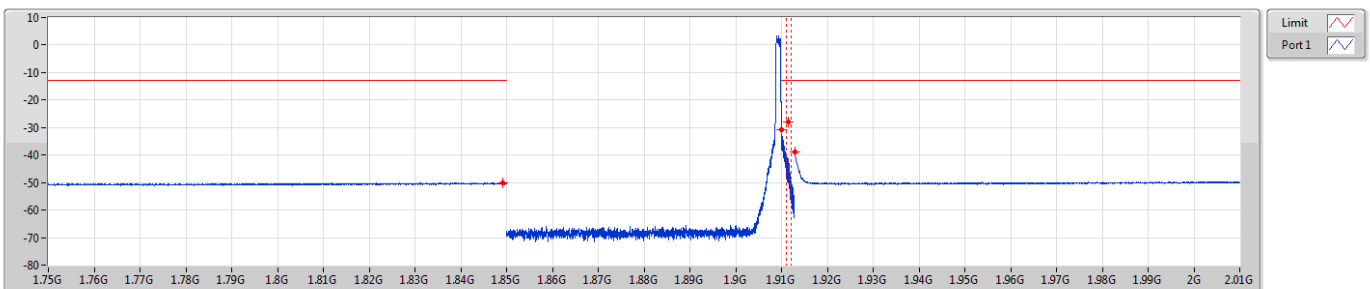
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84875G	-49.70	-13.00	-36.70	-	-
1.91G	1.911G	15k	47k	RMS	1.91G	-20.97	-13.00	-7.97	-	-
1.911G	1.9128G	15k	47k	RMS	1.9115G	-35.47	-13.00	-22.47	MBW 1M	-
1.9128G	2.01G	1M	3M	RMS	1.91338G	-38.27	-13.00	-25.27	-	-

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

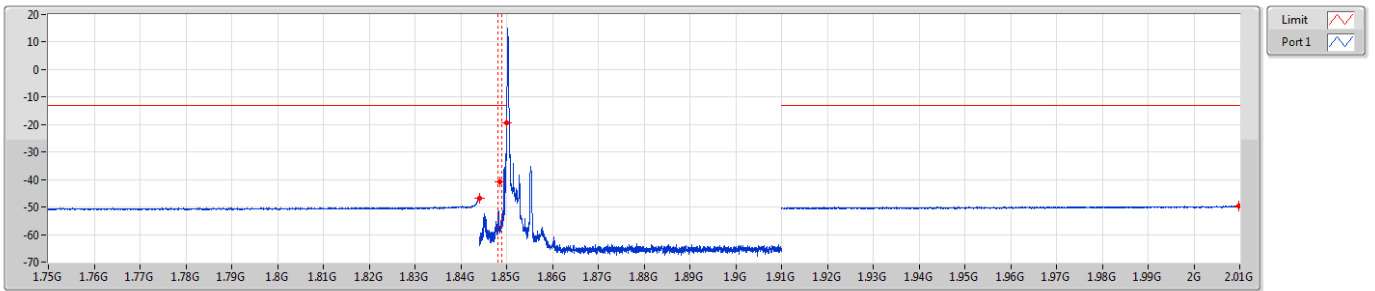


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.8491G	-50.06	-13.00	-37.06	-	-
1.91G	1.911G	15k	47k	RMS	1.91G	-30.69	-13.00	-17.69	-	-
1.911G	1.9128G	15k	47k	RMS	1.9115G	-28.01	-13.00	-15.01	MBW 1M	-
1.9128G	2.01G	1M	3M	RMS	1.91285G	-39.04	-13.00	-26.04	-	-



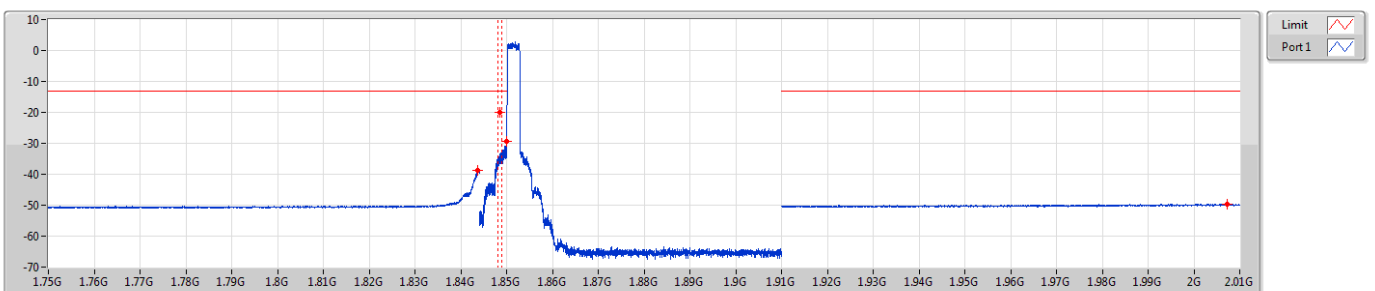
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 15,#RB 0

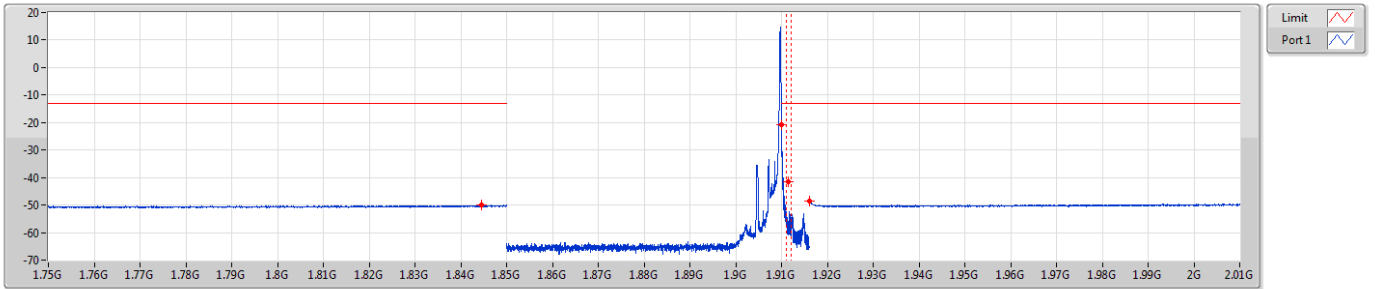
CSE-TX-Sum





Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 1,#RB 14

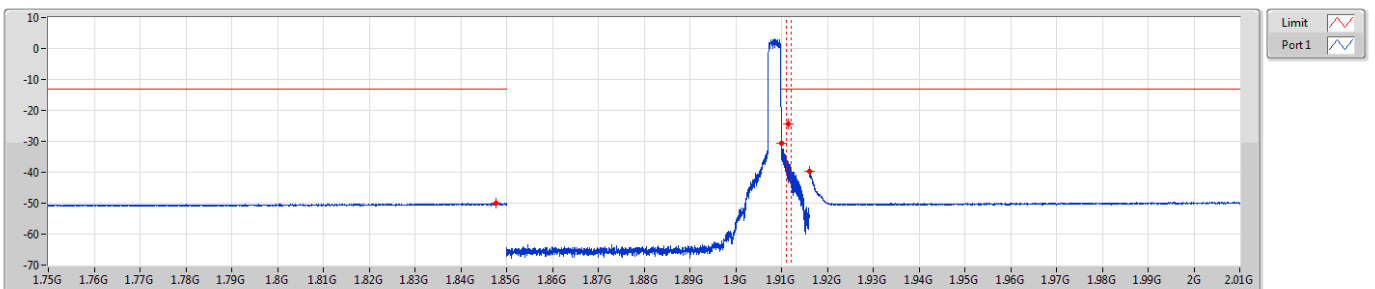
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.8445G	-50.09	-13.00	-37.09	-	-
1.91G	1.911G	30k	100k	RMS	1.91G	-20.73	-13.00	-7.73	-	-
1.911G	1.916G	30k	100k	RMS	1.9115G	-41.69	-13.00	-28.69	MBW 1M	-
1.916G	2.01G	1M	3M	RMS	1.916G	-48.57	-13.00	-35.57	-	-

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum

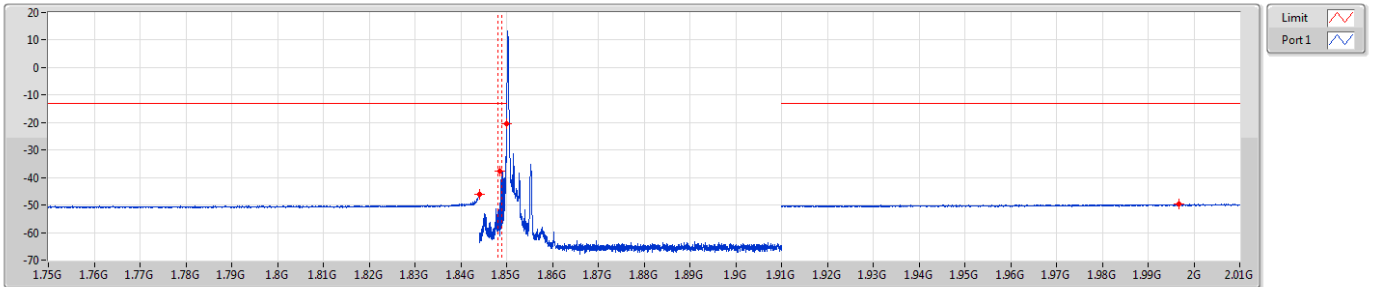


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84775G	-50.11	-13.00	-37.11	-	-
1.91G	1.911G	30k	100k	RMS	1.91001G	-30.63	-13.00	-17.63	-	-
1.911G	1.916G	30k	100k	RMS	1.9115G	-24.27	-13.00	-11.27	MBW 1M	-
1.916G	2.01G	1M	3M	RMS	1.916G	-39.80	-13.00	-26.80	-	-



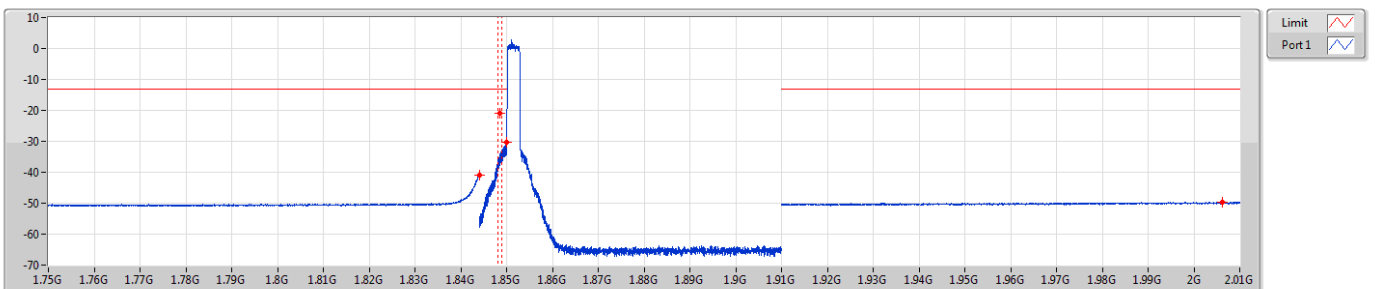
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 15,#RB 0

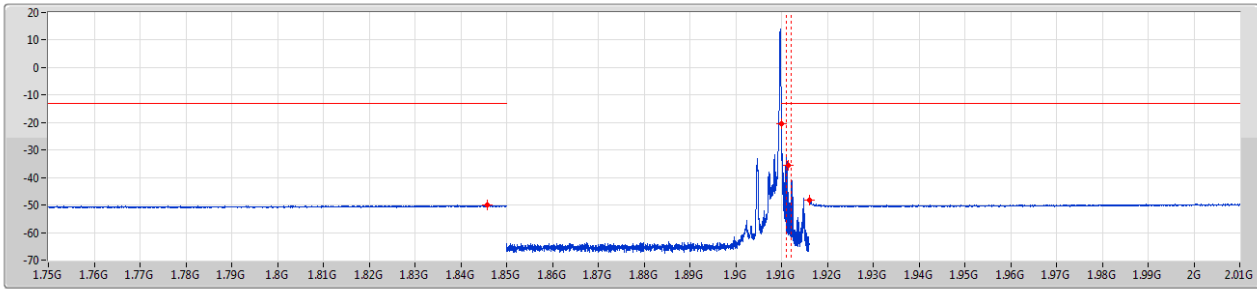
CSE-TX-Sum





Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 1,#RB 14

CSE-TX-Sum

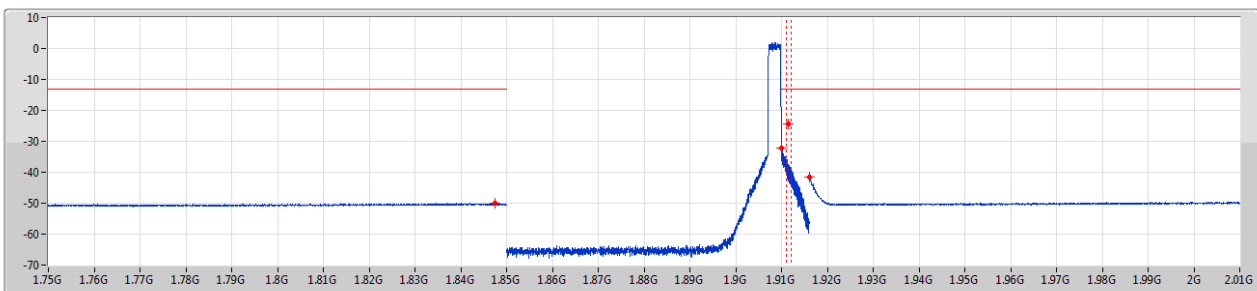


Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84585G	-50.01	-13.00	-37.01	-	-
1.91G	1.911G	30k	100k	RMS	1.91G	-20.45	-13.00	-7.45	-	-
1.911G	1.916G	30k	100k	RMS	1.9115G	-35.49	-13.00	-22.49	MBW 1M	-
1.916G	2.01G	1M	3M	RMS	1.91609G	-48.11	-13.00	-35.11	-	-

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum



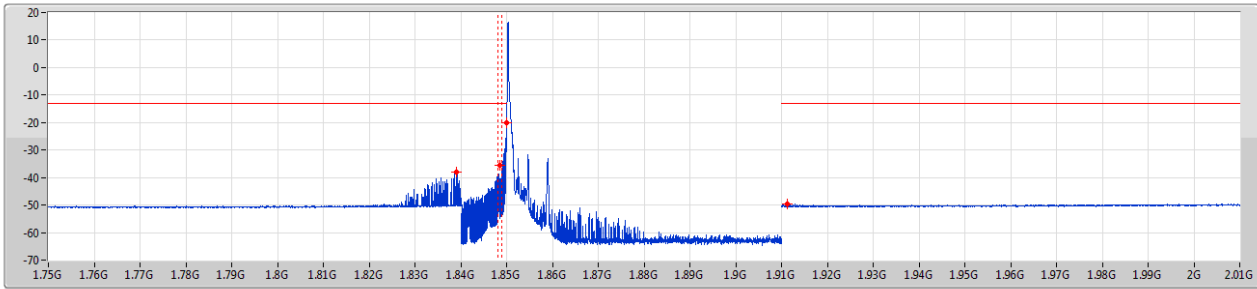
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84745G	-50.07	-13.00	-37.07	-	-
1.91G	1.911G	30k	100k	RMS	1.91G	-32.17	-13.00	-19.17	-	-
1.911G	1.916G	30k	100k	RMS	1.9115G	-24.41	-13.00	-11.41	MBW 1M	-
1.916G	2.01G	1M	3M	RMS	1.916G	-41.67	-13.00	-28.67	-	-



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 1,#RB 0

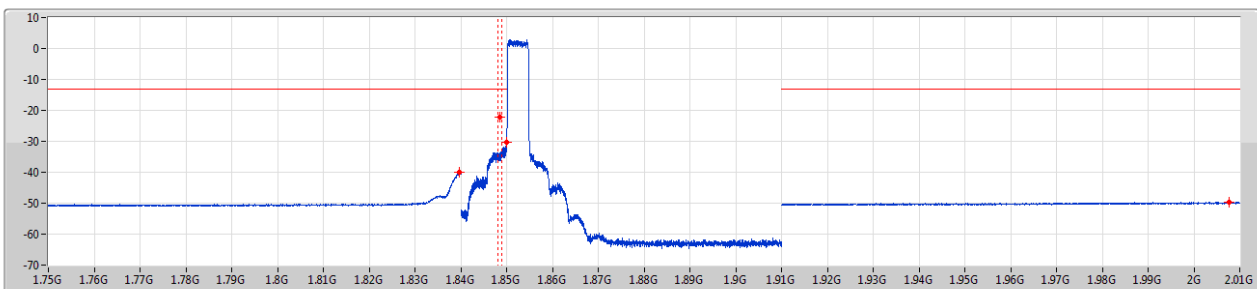
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.84G	1M	3M	RMS	1.83901G	-37.88	-13.00	-24.88	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-35.42	-13.00	-22.42	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.85G	-19.91	-13.00	-6.91	-	-
1.91G	2.01G	1M	3M	RMS	1.9112G	-49.44	-13.00	-36.44	-	-

Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

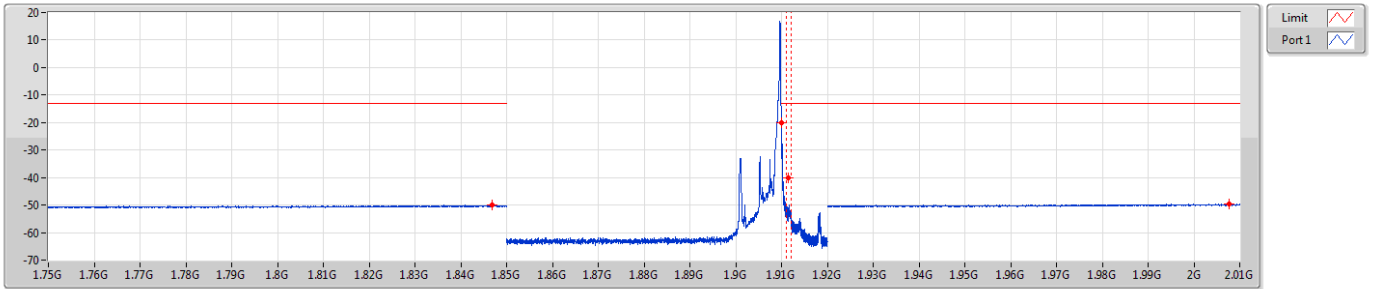


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.84G	1M	3M	RMS	1.83964G	-40.08	-13.00	-27.08	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-22.13	-13.00	-9.13	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.85G	-30.18	-13.00	-17.18	-	-
1.91G	2.01G	1M	3M	RMS	2.0076G	-49.63	-13.00	-36.63	-	-



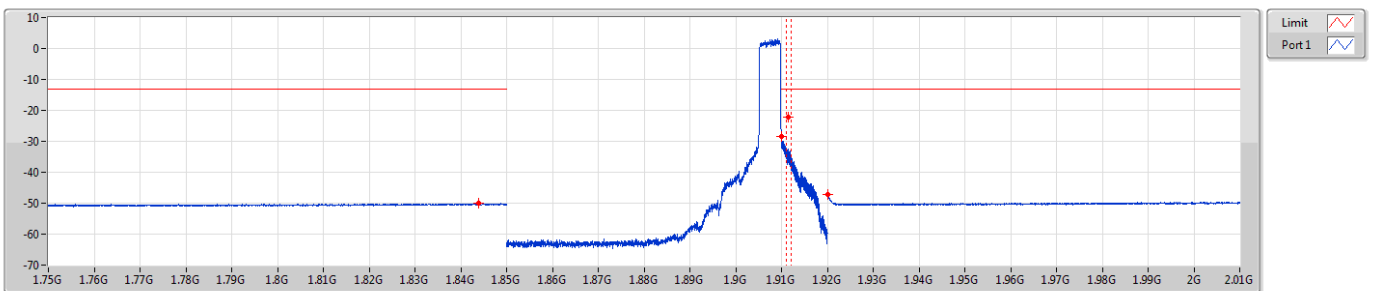
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK_RB 1,#RB 24

CSE-TX-Sum



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK_RB 25,#RB 0

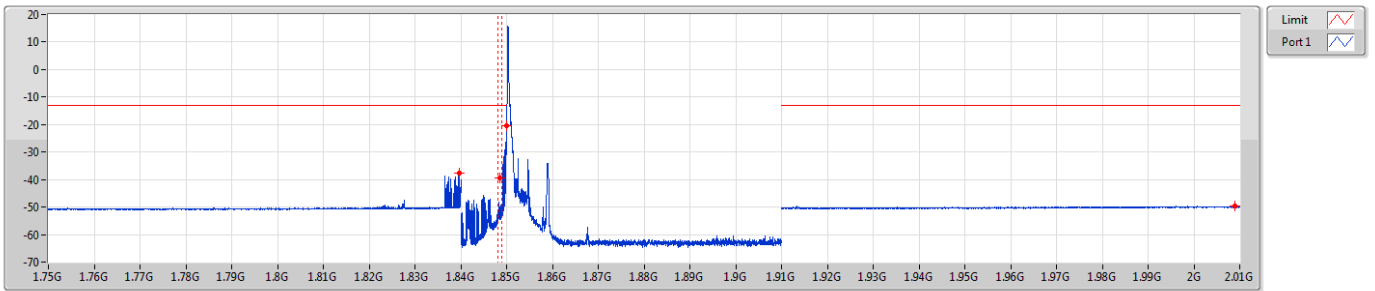
CSE-TX-Sum





Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 1,#RB 0

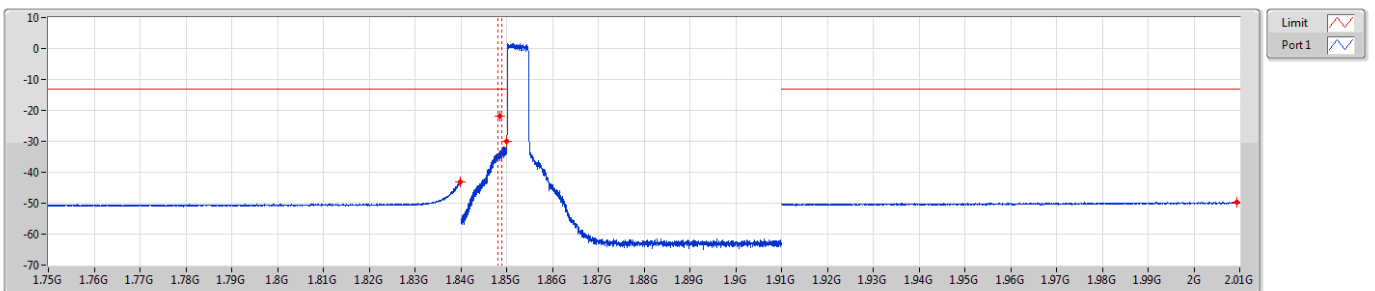
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.84G	1M	3M	RMS	1.83973G	-37.72	-13.00	-24.72	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-39.49	-13.00	-26.49	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.85G	-20.45	-13.00	-7.45	-	-
1.91G	2.01G	1M	3M	RMS	2.009G	-49.64	-13.00	-36.64	-	-

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

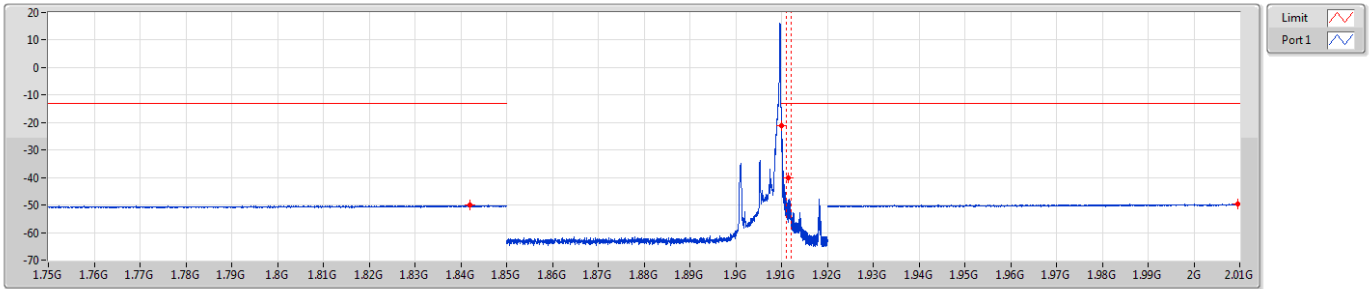


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.84G	1M	3M	RMS	1.83996G	-43.07	-13.00	-30.07	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-21.96	-13.00	-8.96	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.84999G	-30.04	-13.00	-17.04	-	-
1.91G	2.01G	1M	3M	RMS	2.00945G	-49.68	-13.00	-36.68	-	-



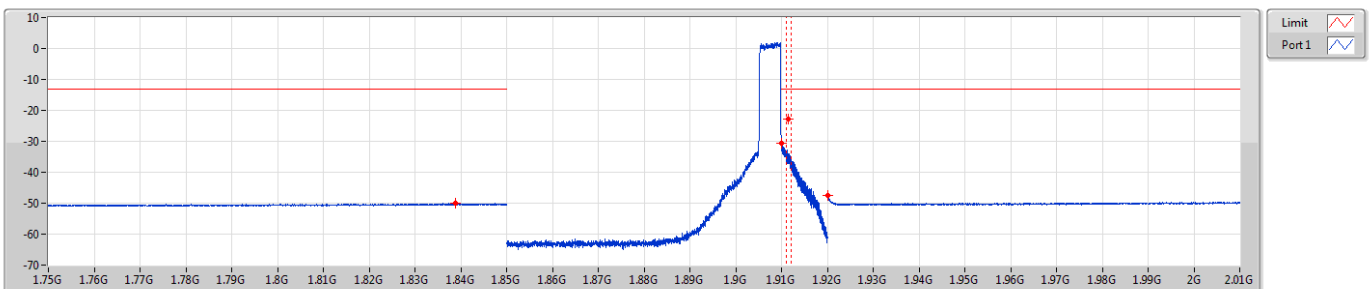
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM_RB 1,#RB 24

CSE-TX-Sum



Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM_RB 25,#RB 0

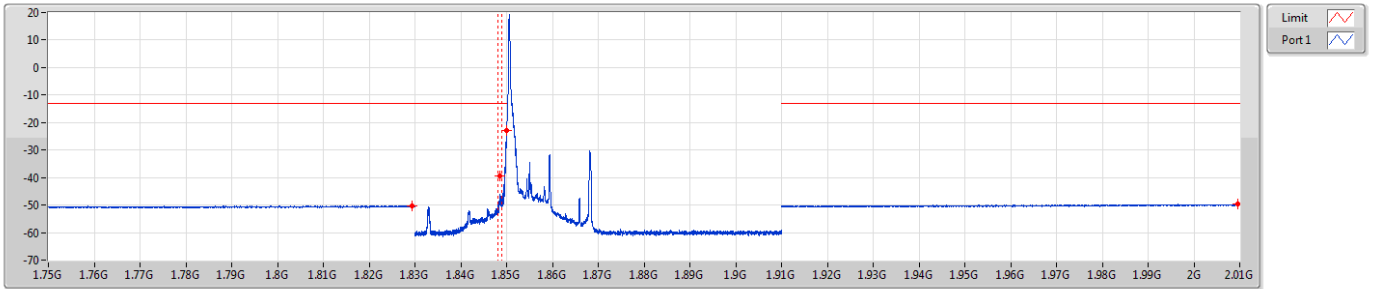
CSE-TX-Sum





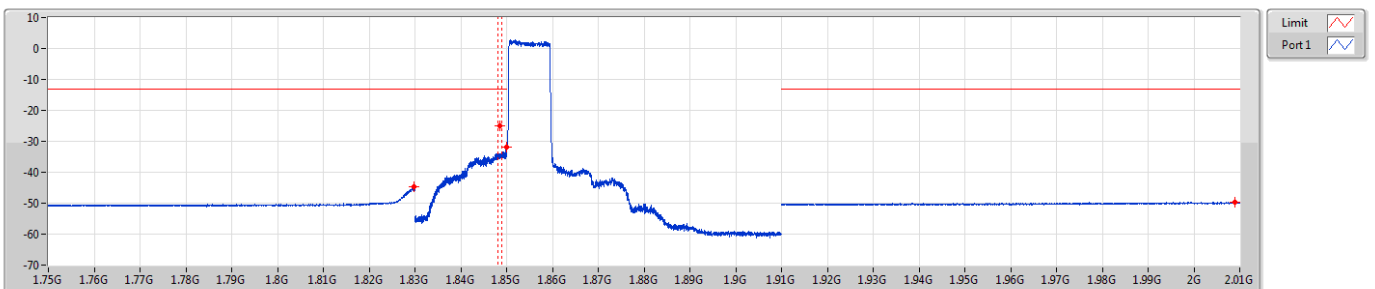
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 50,#RB 0

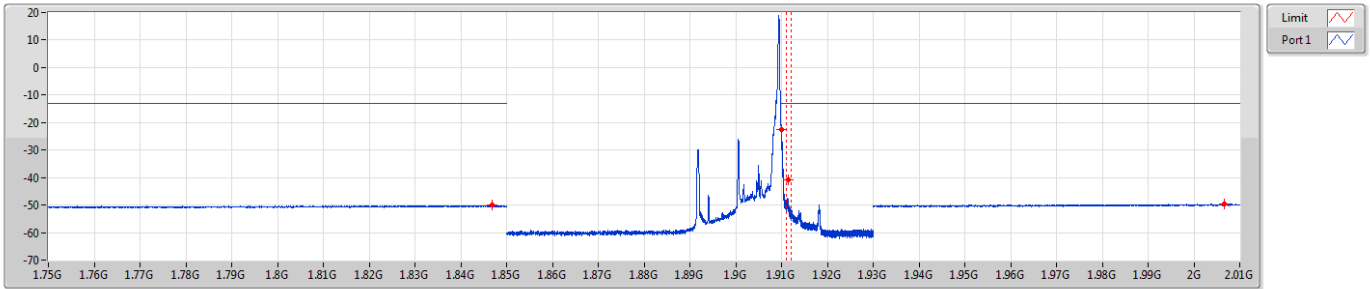
CSE-TX-Sum





Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 1,#RB 49

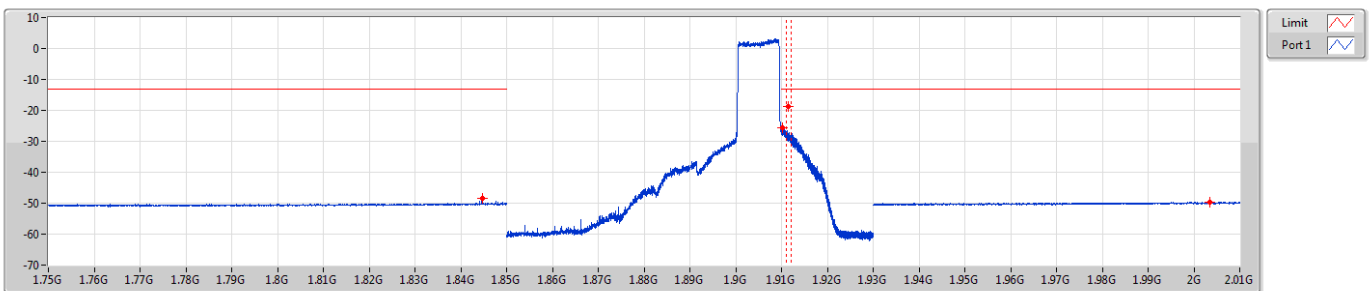
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.8468G	-50.12	-13.00	-37.12	-	-
1.91G	1.911G	100k	300k	RMS	1.91G	-22.55	-13.00	-9.55	-	-
1.911G	1.93G	100k	300k	RMS	1.9115G	-40.86	-13.00	-27.86	MBW 1M	-
1.93G	2.01G	1M	3M	RMS	2.00672G	-49.64	-13.00	-36.64	-	-

Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum

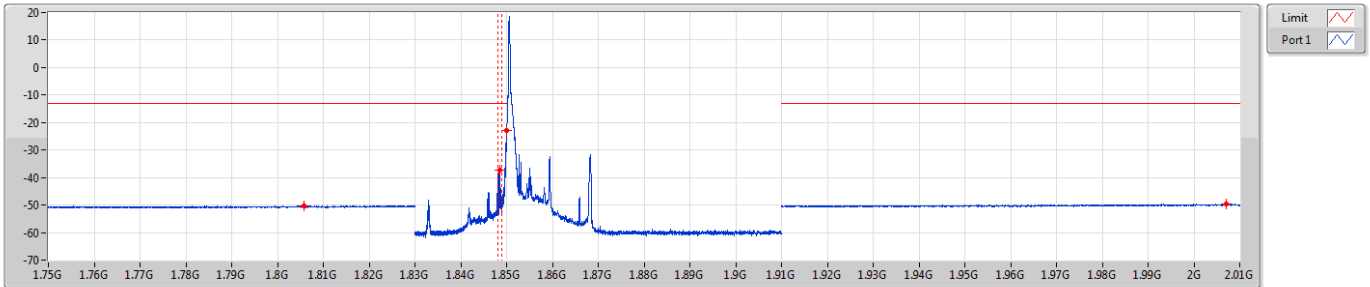


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84465G	-48.50	-13.00	-35.50	-	-
1.91G	1.911G	100k	300k	RMS	1.91022G	-25.74	-13.00	-12.74	-	-
1.911G	1.93G	100k	300k	RMS	1.9115G	-18.73	-13.00	-5.73	MBW 1M	-
1.93G	2.01G	1M	3M	RMS	2.00352G	-49.66	-13.00	-36.66	-	-



Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM_RB 1,#RB 0

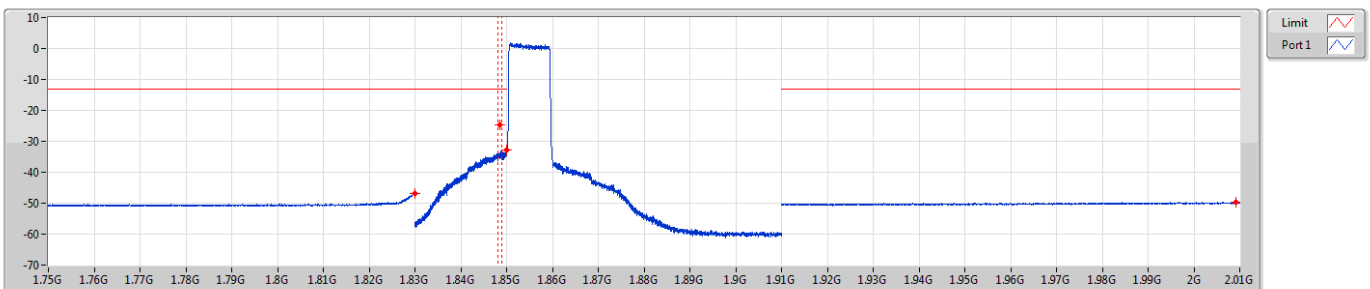
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.83G	1M	3M	RMS	1.80588G	-50.24	-13.00	-37.24	-	-
1.83G	1.849G	100k	300k	RMS	1.8485G	-37.27	-13.00	-24.27	MBW 1M	-
1.849G	1.85G	100k	300k	RMS	1.85G	-22.98	-13.00	-9.98	-	-
1.91G	2.01G	1M	3M	RMS	2.007G	-49.73	-13.00	-36.73	-	-

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM_RB 50,#RB 0

CSE-TX-Sum

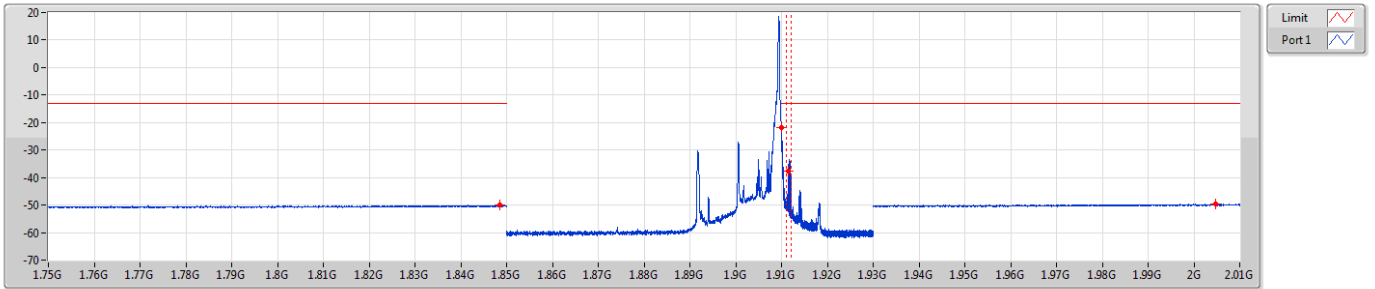


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.83G	1M	3M	RMS	1.82992G	-46.77	-13.00	-33.77	-	-
1.83G	1.849G	100k	300k	RMS	1.8485G	-24.80	-13.00	-11.80	MBW 1M	-
1.849G	1.85G	100k	300k	RMS	1.85G	-32.89	-13.00	-19.89	-	-
1.91G	2.01G	1M	3M	RMS	2.0091G	-49.68	-13.00	-36.68	-	-



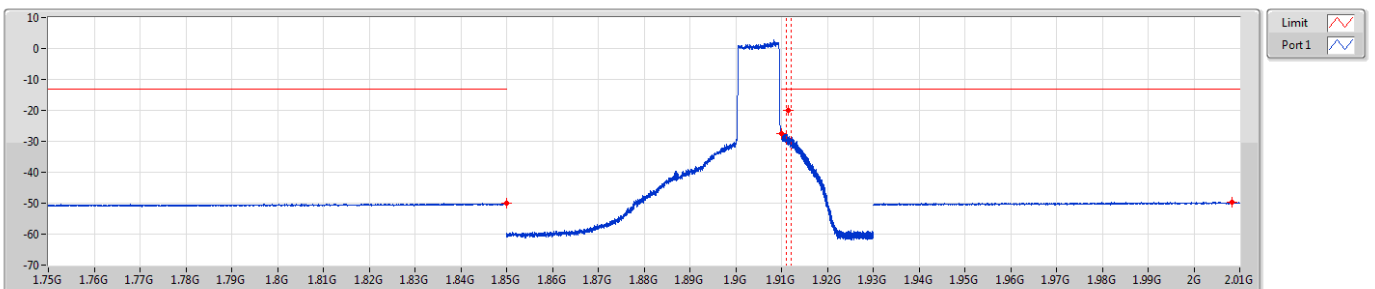
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 1,#RB 49

CSE-TX-Sum



Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 50,#RB 0

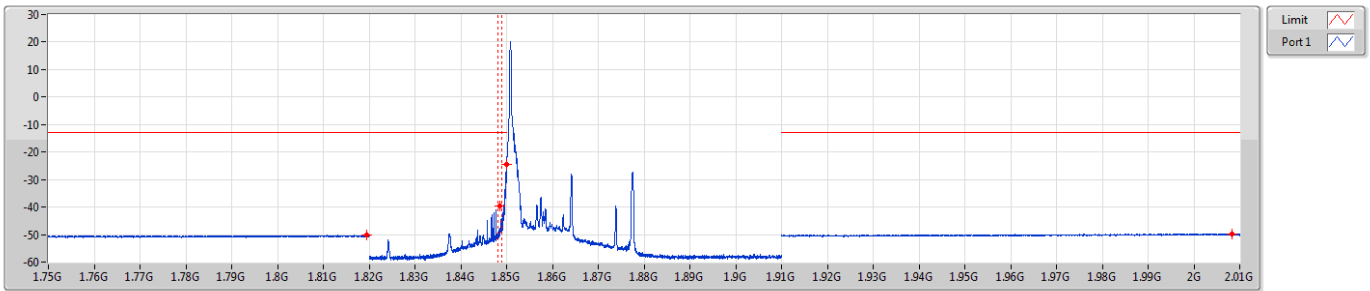
CSE-TX-Sum





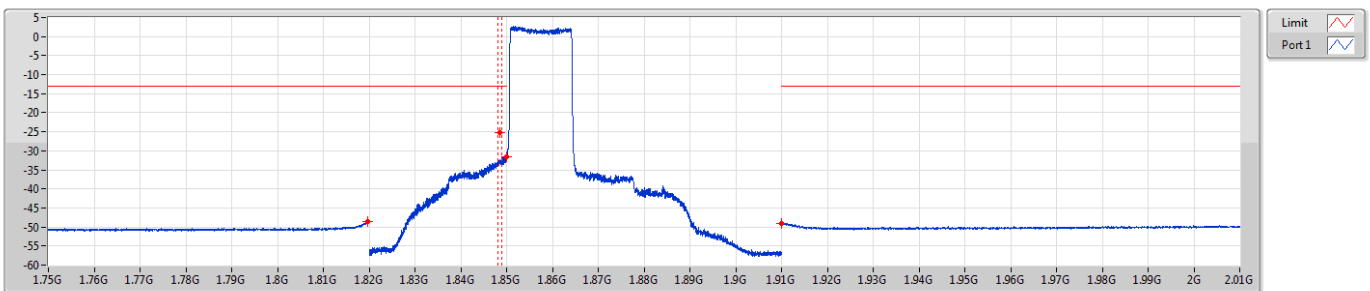
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 75,#RB 0

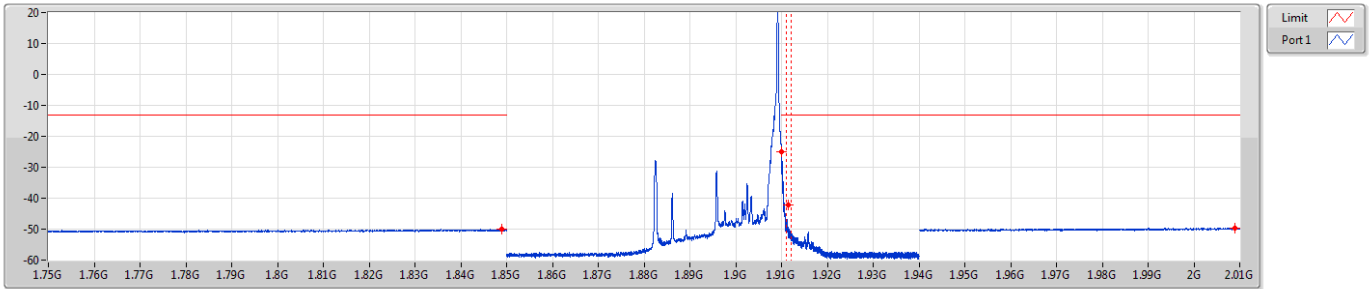
CSE-TX-Sum





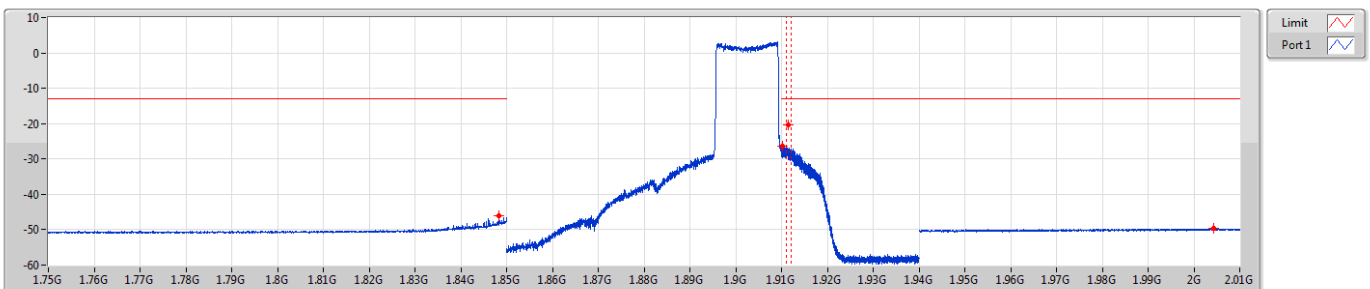
Band 2_LTE_15MHz_Nss1,QPSK_1TX
 1902.5MHz_QPSK_RB 1,#RB 74

CSE-TX-Sum



Band 2_LTE_15MHz_Nss1,QPSK_1TX
 1902.5MHz_QPSK_RB 75,#RB 0

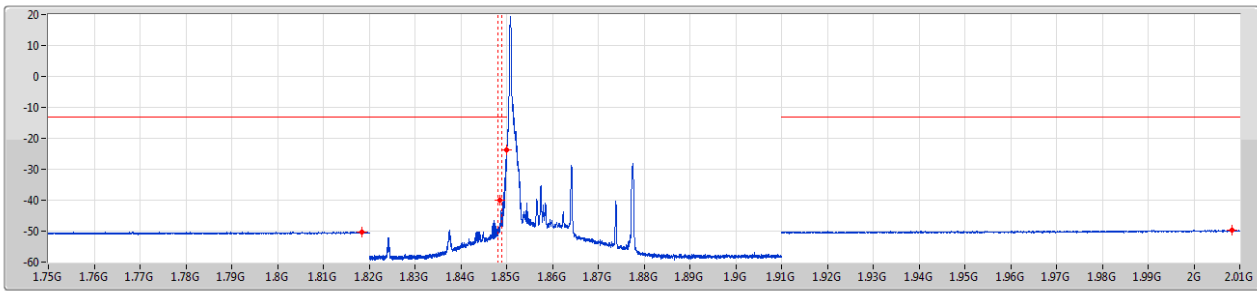
CSE-TX-Sum





Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 1,#RB 0

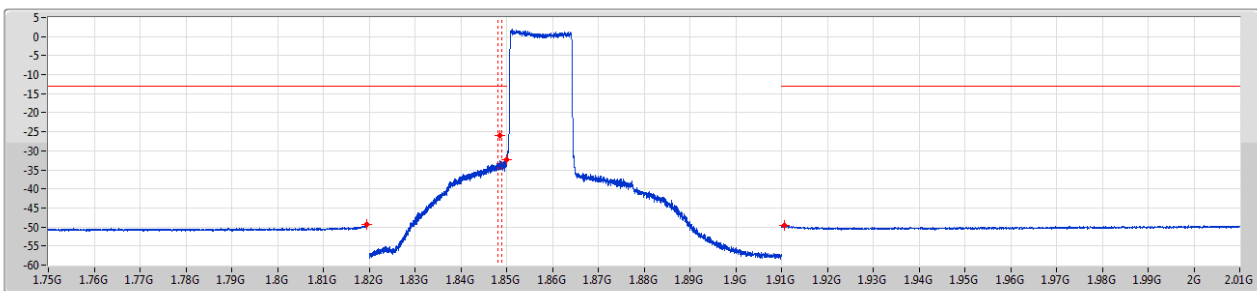
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.82G	1M	3M	RMS	1.81843G	-50.27	-13.00	-37.27	-	-
1.82G	1.849G	150k	470k	RMS	1.8485G	-39.88	-13.00	-26.88	MBW 1M	-
1.849G	1.85G	150k	470k	RMS	1.85G	-23.83	-13.00	-10.83	-	-
1.91G	2.01G	1M	3M	RMS	2.0083G	-49.67	-13.00	-36.67	-	-

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 75,#RB 0

CSE-TX-Sum

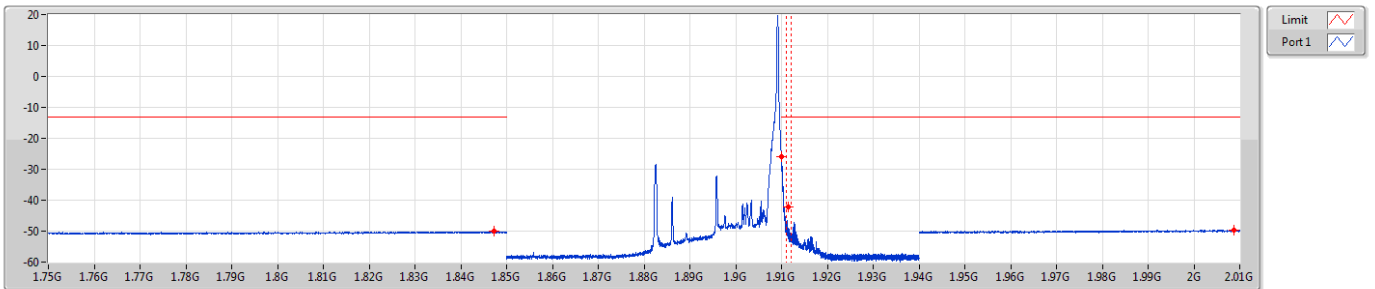


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.82G	1M	3M	RMS	1.81941G	-49.36	-13.00	-36.36	-	-
1.82G	1.849G	150k	470k	RMS	1.8485G	-26.03	-13.00	-13.03	MBW 1M	-
1.849G	1.85G	150k	470k	RMS	1.84999G	-32.39	-13.00	-19.39	-	-
1.91G	2.01G	1M	3M	RMS	1.9106G	-49.66	-13.00	-36.66	-	-



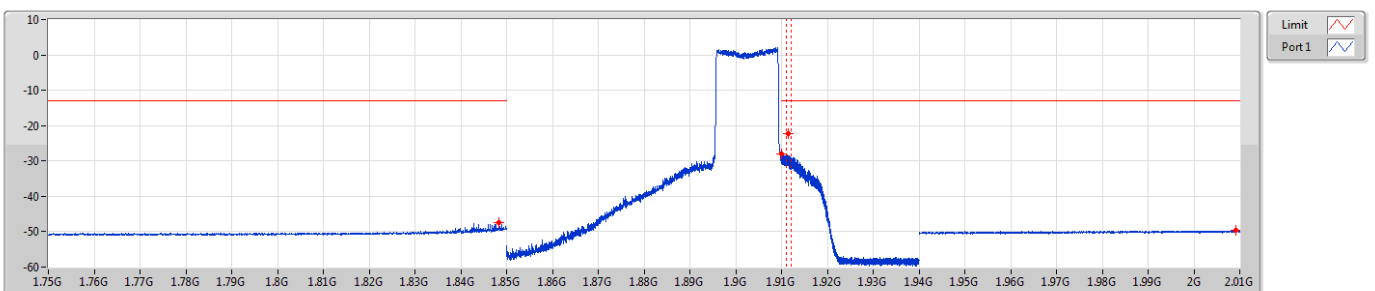
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1902.5MHz_16QAM_RB 1,#RB 74

CSE-TX-Sum



Band 2_LTE_15MHz_Nss1,16QAM_1TX
1902.5MHz_16QAM_RB 75,#RB 0

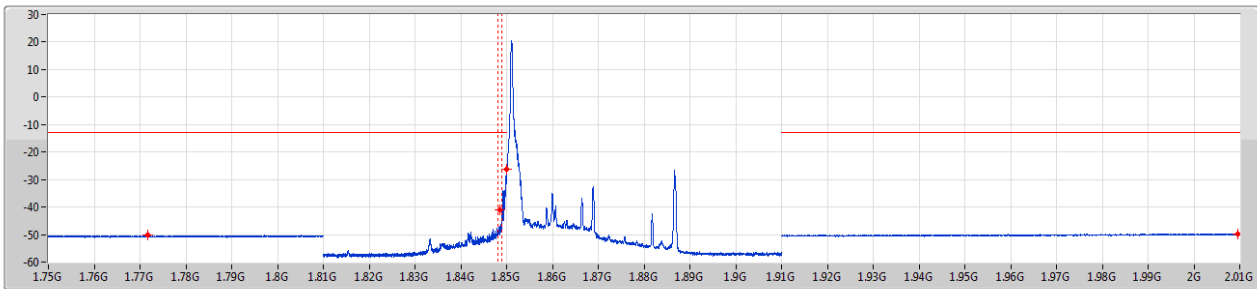
CSE-TX-Sum





Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 1,#RB 0

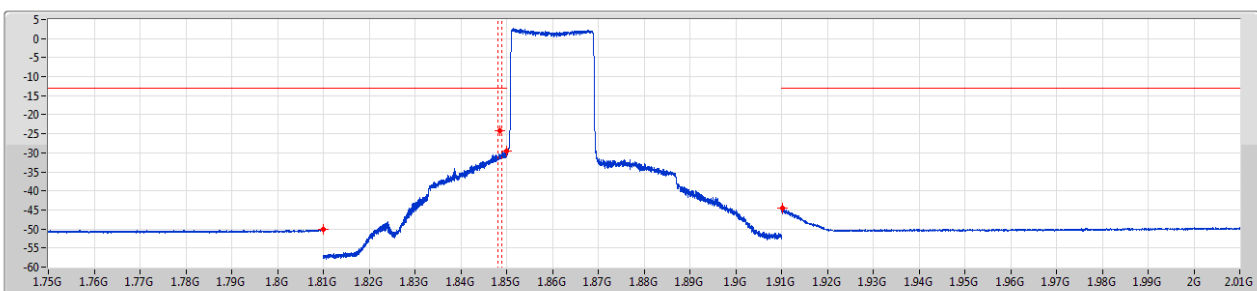
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.81G	1M	3M	RMS	1.77163G	-50.26	-13.00	-37.26	-	-
1.81G	1.849G	200k	620k	RMS	1.8485G	-41.00	-13.00	-28.00	MBW 1M	-
1.849G	1.85G	200k	620k	RMS	1.85G	-26.29	-13.00	-13.29	-	-
1.91G	2.01G	1M	3M	RMS	2.00955G	-49.65	-13.00	-36.65	-	-

Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum

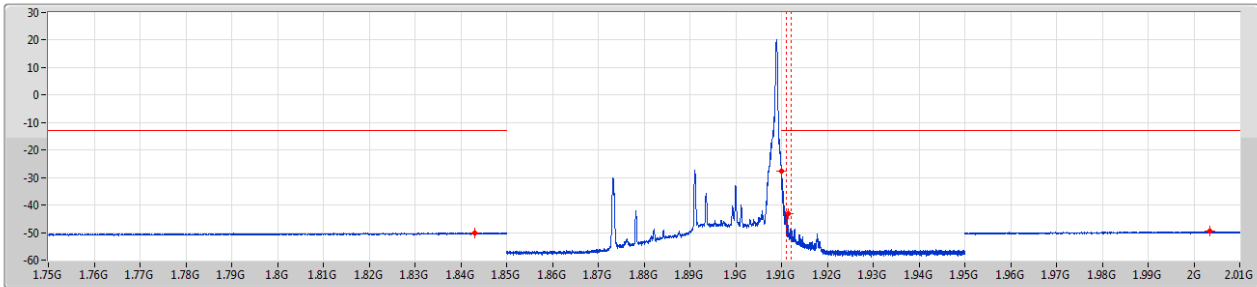


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.81G	1M	3M	RMS	1.81G	-50.13	-13.00	-37.13	-	-
1.81G	1.849G	200k	620k	RMS	1.8485G	-24.31	-13.00	-11.31	MBW 1M	-
1.849G	1.85G	200k	620k	RMS	1.84993G	-29.63	-13.00	-16.63	-	-
1.91G	2.01G	1M	3M	RMS	1.9102G	-44.43	-13.00	-31.43	-	-



Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 1,#RB 99

CSE-TX-Sum

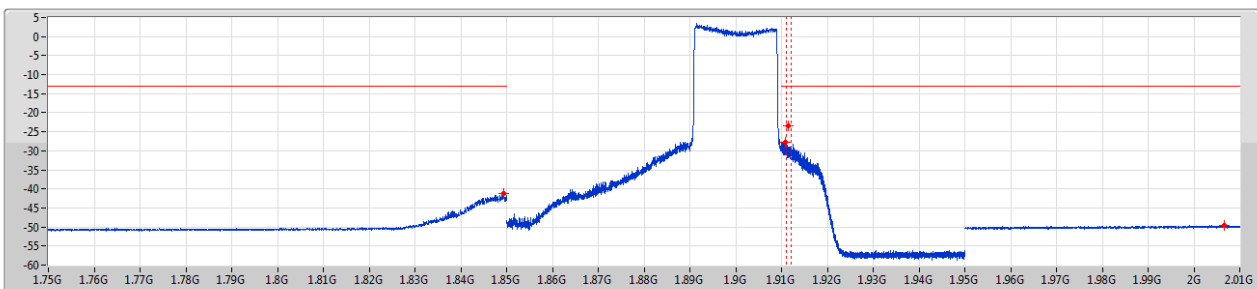


Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.84295G	-50.04	-13.00	-37.04	-	-
1.91G	1.911G	200k	620k	RMS	1.91G	-27.81	-13.00	-14.81	-	-
1.911G	1.95G	200k	620k	RMS	1.9115G	-43.26	-13.00	-30.26	MBW 1M	-
1.95G	2.01G	1M	3M	RMS	2.00355G	-49.61	-13.00	-36.61	-	-

Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum



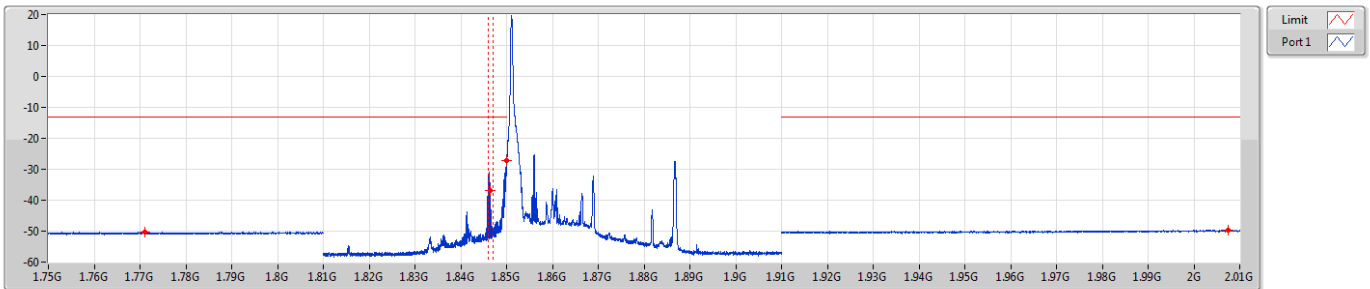
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.85G	1M	3M	RMS	1.8493G	-41.14	-13.00	-28.14	-	-
1.91G	1.911G	200k	620k	RMS	1.91078G	-27.82	-13.00	-14.82	-	-
1.911G	1.95G	200k	620k	RMS	1.9115G	-23.47	-13.00	-10.47	MBW 1M	-
1.95G	2.01G	1M	3M	RMS	2.00661G	-49.65	-13.00	-36.65	-	-



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 1,#RB 0

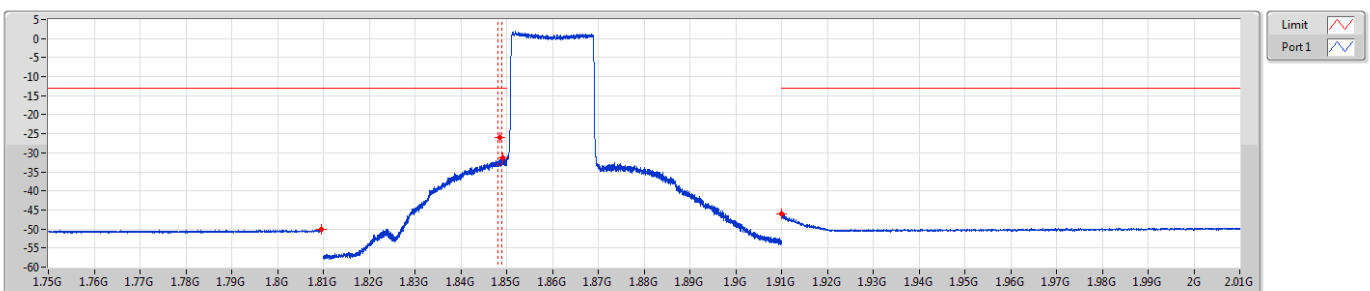
CSE-TX-Sum



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.81G	1M	3M	RMS	1.77106G	-50.27	-13.00	-37.27	-	-
1.81G	1.849G	200k	620k	RMS	1.8465G	-36.87	-13.00	-23.87	MBW 1M	-
1.849G	1.85G	200k	620k	RMS	1.85G	-27.10	-13.00	-14.10	-	-
1.91G	2.01G	1M	3M	RMS	2.0074G	-49.71	-13.00	-36.71	-	-

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 100,#RB 0

CSE-TX-Sum

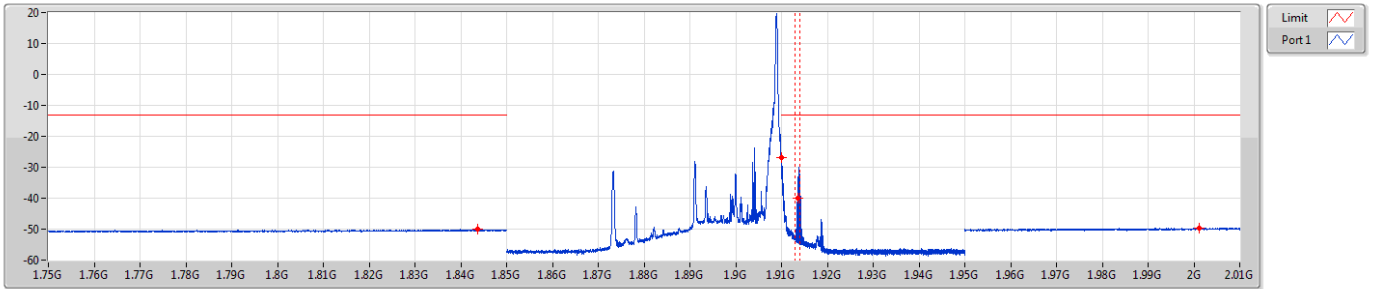


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
1.75G	1.81G	1M	3M	RMS	1.80964G	-50.21	-13.00	-37.21	-	-
1.81G	1.849G	200k	620k	RMS	1.8485G	-25.96	-13.00	-12.96	MBW 1M	-
1.849G	1.85G	200k	620k	RMS	1.84921G	-31.26	-13.00	-18.26	-	-
1.91G	2.01G	1M	3M	RMS	1.9101G	-46.13	-13.00	-33.13	-	-



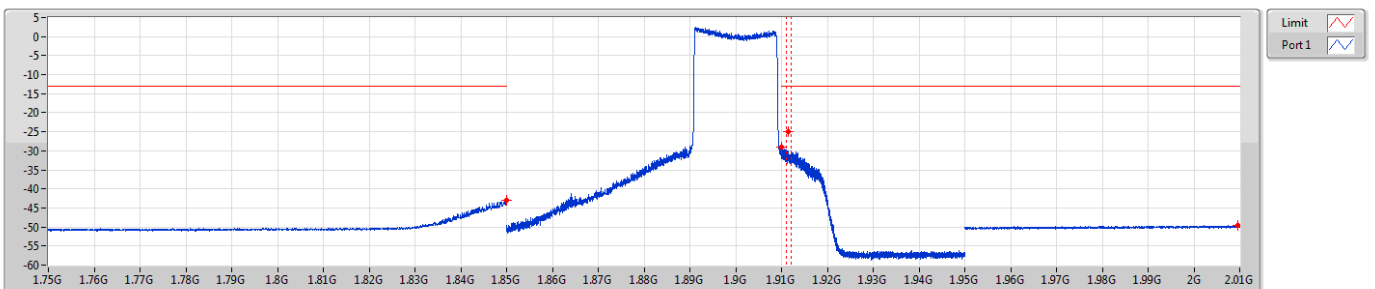
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1900MHz_16QAM_RB 1,#RB 99

CSE-TX-Sum



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1900MHz_16QAM_RB 100,#RB 0

CSE-TX-Sum





Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 2	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.237M	1.08M	1M08G7D	1.222M	1.077M
LTE_1.4MHz_Nss1,16QAM_1TX	1.255M	1.08M	1M08W7D	1.237M	1.079M
LTE_3MHz_Nss1,QPSK_1TX	2.85M	2.675M	2M68G7D	2.831M	2.671M
LTE_3MHz_Nss1,16QAM_1TX	2.854M	2.675M	2M68W7D	2.843M	2.673M
LTE_5MHz_Nss1,QPSK_1TX	4.831M	4.466M	4M47G7D	4.788M	4.463M
LTE_5MHz_Nss1,16QAM_1TX	4.838M	4.461M	4M46W7D	4.763M	4.456M
LTE_10MHz_Nss1,QPSK_1TX	9.588M	8.954M	8M95G7D	9.525M	8.915M
LTE_10MHz_Nss1,16QAM_1TX	9.488M	8.939M	8M94W7D	9.475M	8.913M
LTE_15MHz_Nss1,QPSK_1TX	14.888M	13.412M	13M4G7D	14.25M	13.389M
LTE_15MHz_Nss1,16QAM_1TX	15.413M	13.426M	13M4W7D	14.175M	13.382M
LTE_20MHz_Nss1,QPSK_1TX	23.025M	17.912M	17M9G7D	18.925M	17.825M
LTE_20MHz_Nss1,16QAM_1TX	21.725M	17.907M	17M9W7D	18.825M	17.826M

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 2_LTE_1.4MHz_Nss1_1TX	-	-	-	-
1850.7MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.222M	1.08M
1880MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.227M	1.077M
1909.3MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.237M	1.078M
1850.7MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.237M	1.08M
1880MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.241M	1.08M
1909.3MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.255M	1.079M
Band 2_LTE_3MHz_Nss1_1TX	-	-	-	-
1851.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.85M	2.674M
1880MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.839M	2.675M
1908.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.831M	2.671M
1851.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.85M	2.673M
1880MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.843M	2.675M
1908.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.854M	2.673M
Band 2_LTE_5MHz_Nss1_1TX	-	-	-	-
1852.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.825M	4.464M
1880MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.831M	4.466M
1907.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.788M	4.463M
1852.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.838M	4.458M
1880MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.769M	4.456M
1907.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.763M	4.461M
Band 2_LTE_10MHz_Nss1_1TX	-	-	-	-
1855MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.525M	8.933M
1880MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.538M	8.915M
1905MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.588M	8.954M
1855MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.475M	8.921M
1880MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.488M	8.913M
1905MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.488M	8.939M
Band 2_LTE_15MHz_Nss1_1TX	-	-	-	-
1857.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.25M	13.401M
1880MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.888M	13.389M
1902.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.344M	13.412M
1857.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.175M	13.414M
1880MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.531M	13.382M
1902.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	15.413M	13.426M



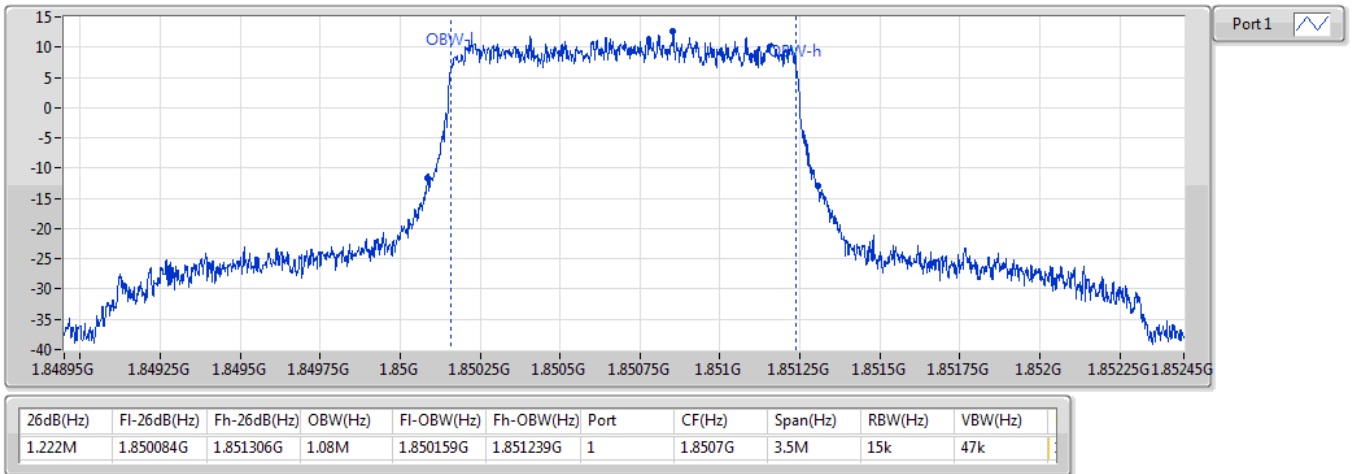
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 2_LTE_20MHz_Nss1_1TX	-	-	-	-
1860MHz_QPSK_RB 100,#RB 0	Pass	Inf	18.975M	17.866M
1880MHz_QPSK_RB 100,#RB 0	Pass	Inf	18.925M	17.825M
1900MHz_QPSK_RB 100,#RB 0	Pass	Inf	23.025M	17.912M
1860MHz_16QAM_RB 100,#RB 0	Pass	Inf	19.05M	17.875M
1880MHz_16QAM_RB 100,#RB 0	Pass	Inf	18.825M	17.826M
1900MHz_16QAM_RB 100,#RB 0	Pass	Inf	21.725M	17.907M

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



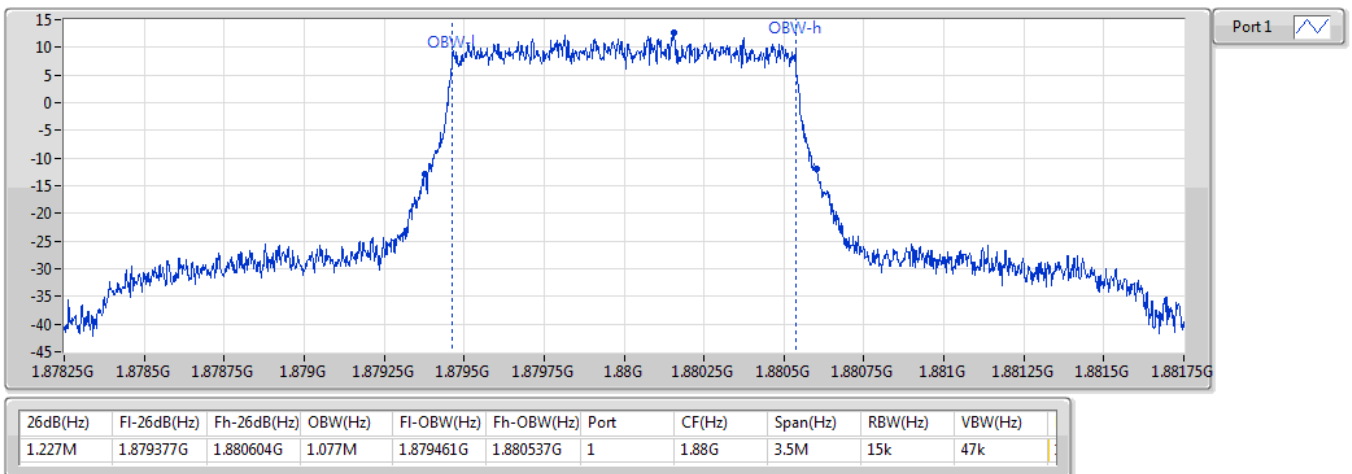
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 6,#RB 0

EBW



Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 6,#RB 0

EBW

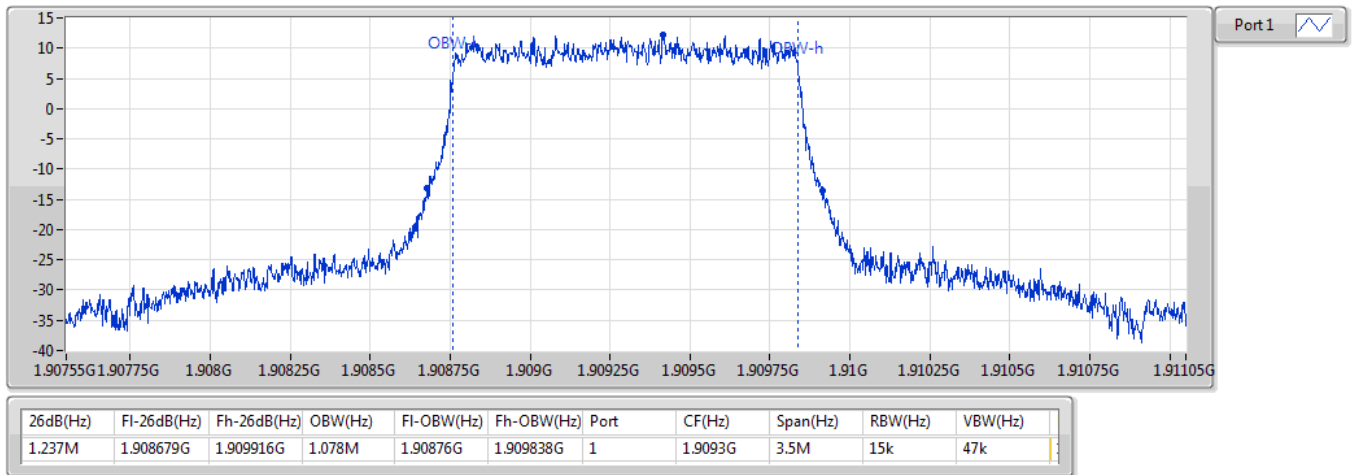




Band 2_LTE_1.4MHz_Nss1,QPSK_1TX

EBW

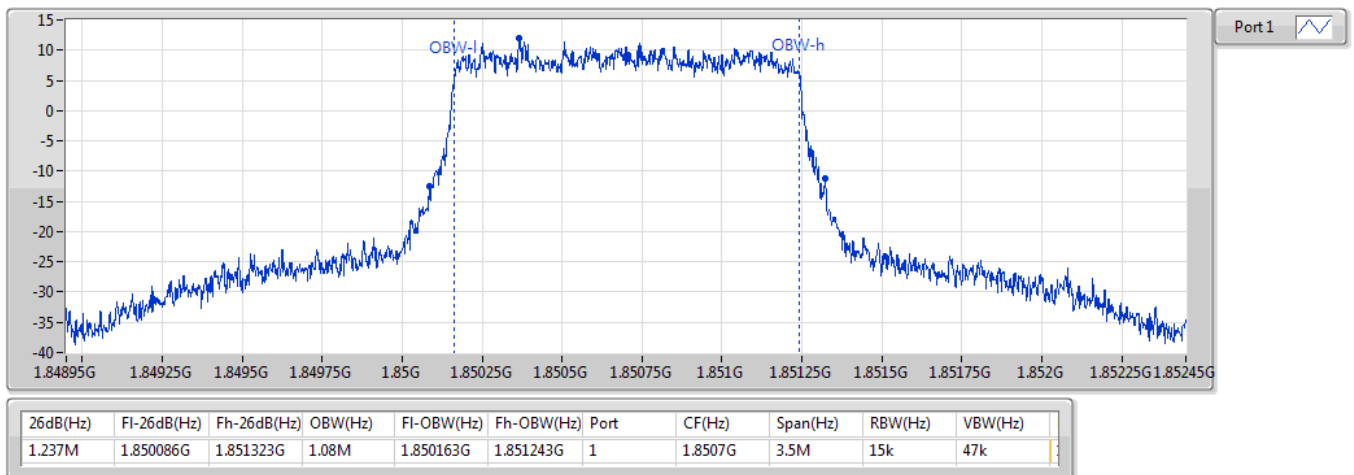
1909.3MHz_QPSK_RB 6,#RB 0



Band 2_LTE_1.4MHz_Nss1,16QAM_1TX

EBW

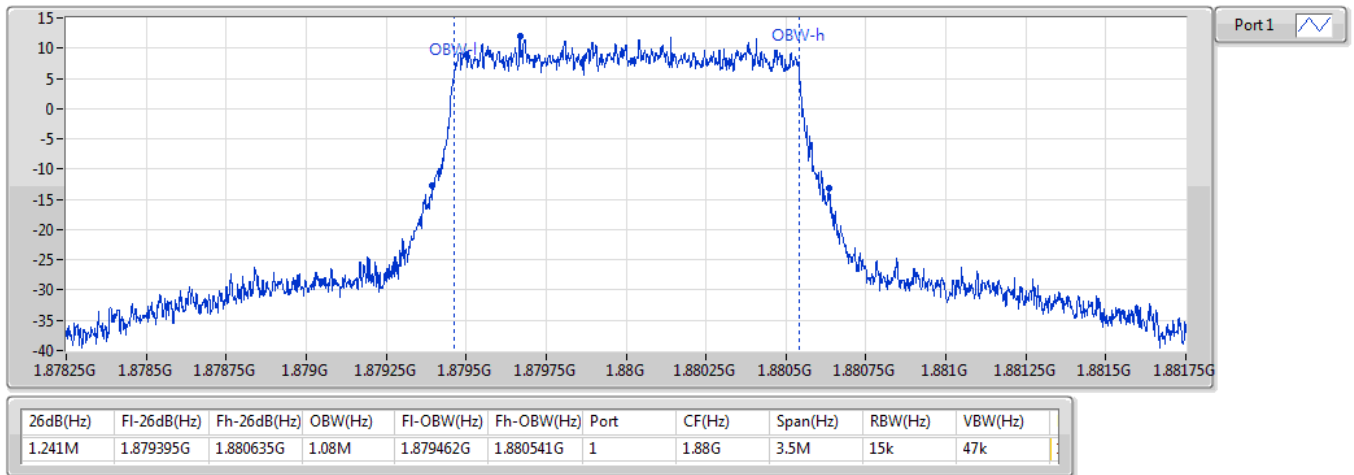
1850.7MHz_16QAM_RB 6,#RB 0





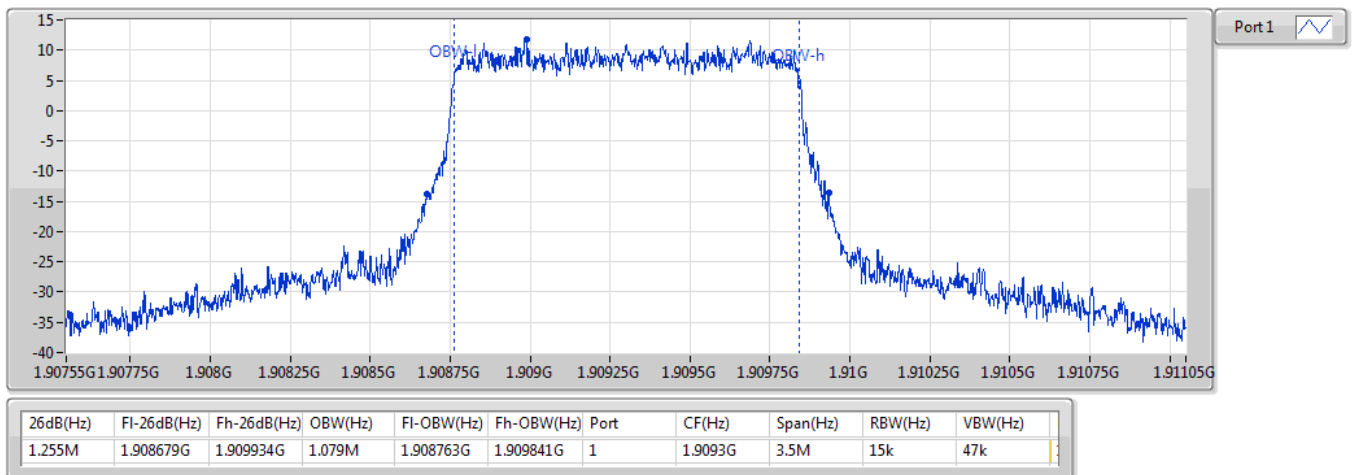
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 6,#RB 0

EBW



Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 6,#RB 0

EBW

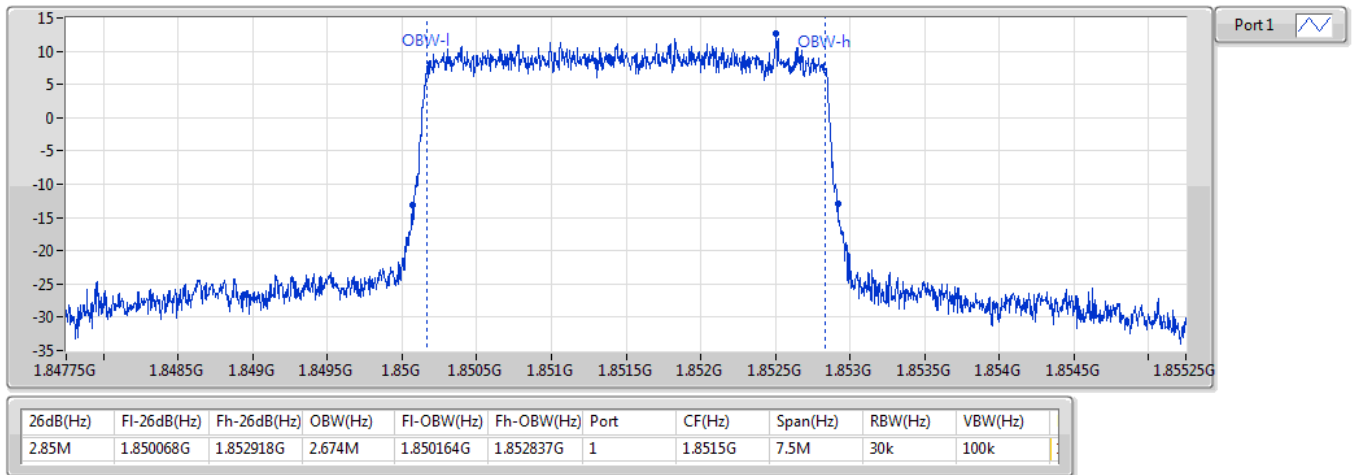




Band 2_LTE_3MHz_Nss1,QPSK_1TX

EBW

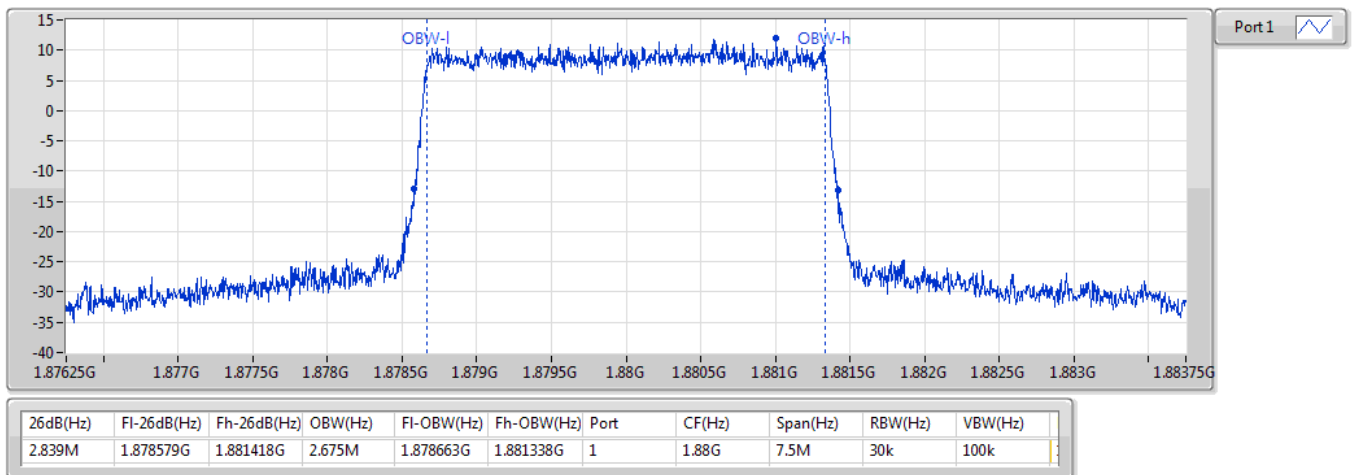
1851.5MHz_QPSK_RB 15,#RB 0



Band 2_LTE_3MHz_Nss1,QPSK_1TX

EBW

1880MHz_QPSK_RB 15,#RB 0

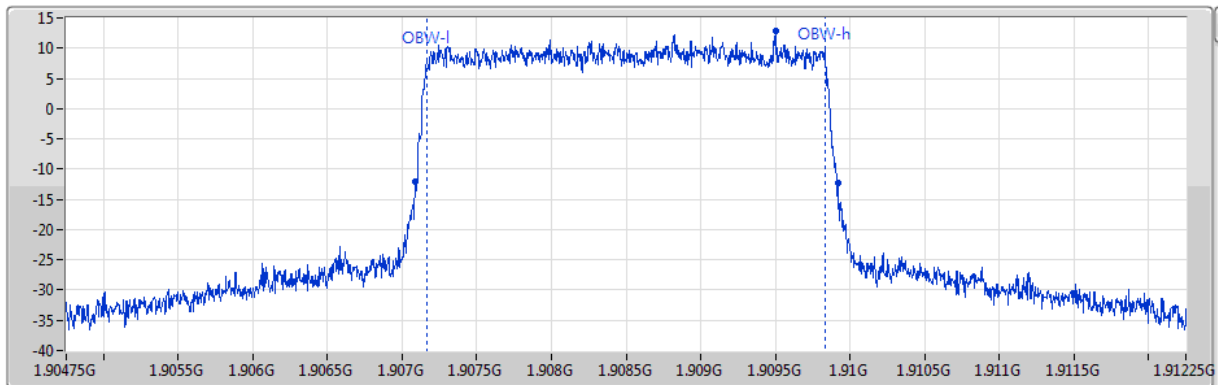




Band 2_LTE_3MHz_Nss1,QPSK_1TX

EBW

1908.5MHz_QPSK_RB 15,#RB 0

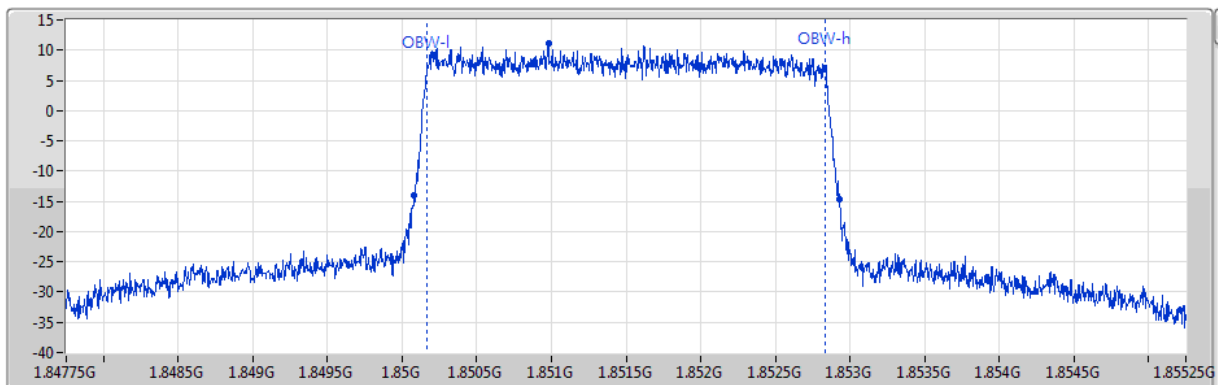


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.831M	1.90709G	1.909921G	2.671M	1.907163G	1.909834G	1	1.9085G	7.5M	30k	100k

Band 2_LTE_3MHz_Nss1,16QAM_1TX

EBW

1851.5MHz_16QAM_RB 15,#RB 0

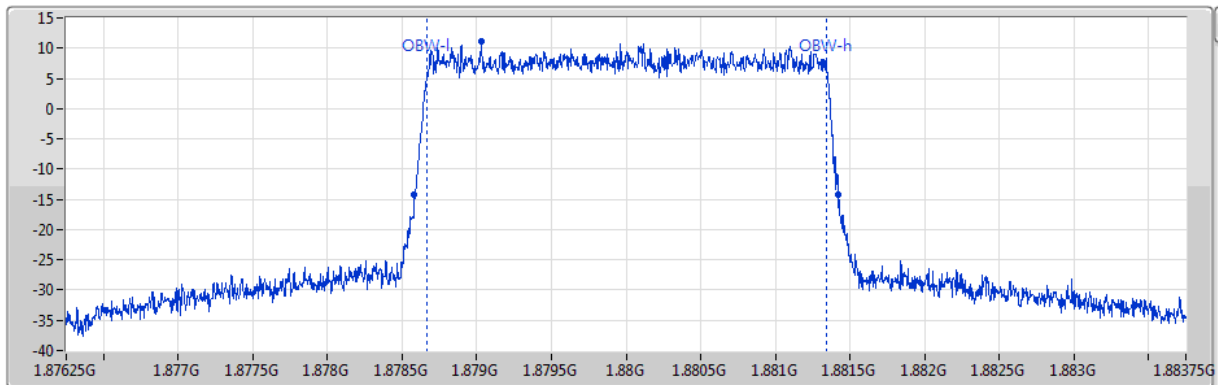


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
2.85M	1.850083G	1.852933G	2.673M	1.850164G	1.852837G	1	1.8515G	7.5M	30k	100k



Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 15,#RB 0

EBW

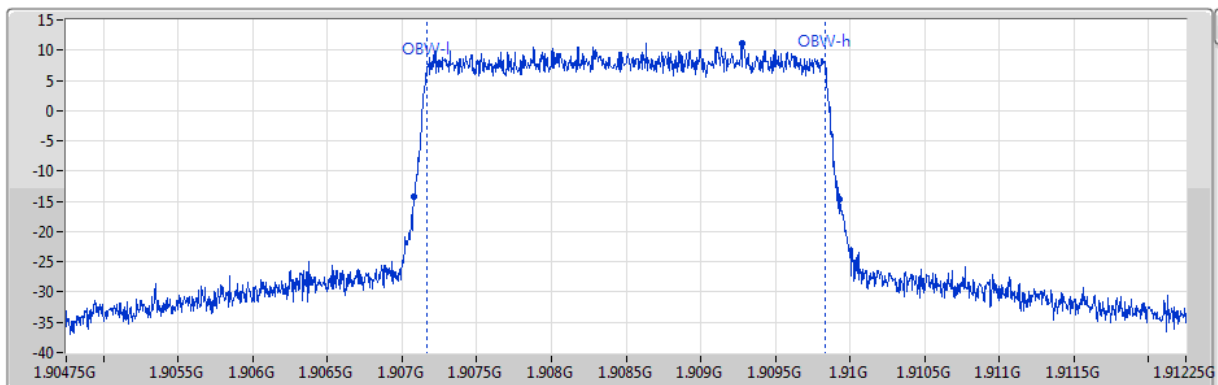


Port1

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)
2.843M	1.878583G	1.881425G	2.675M	1.878669G	1.881344G	1	1.88G	7.5M	30k	100k

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 15,#RB 0

EBW



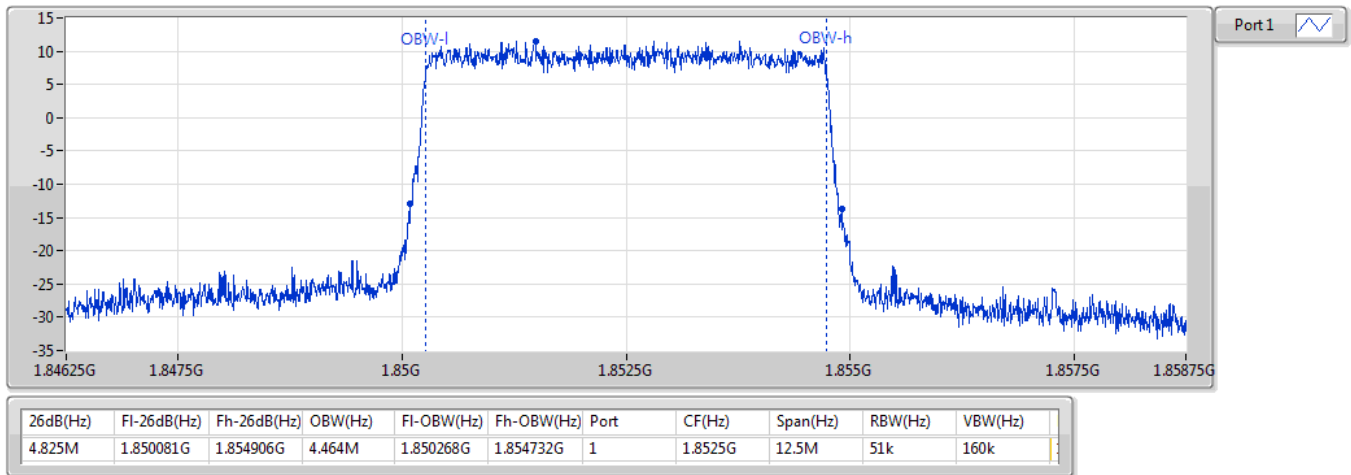
Port1

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	1.907075G	1.909929G	2.673M	1.907164G	1.909837G	1	1.9085G	7.5M	30k	100k



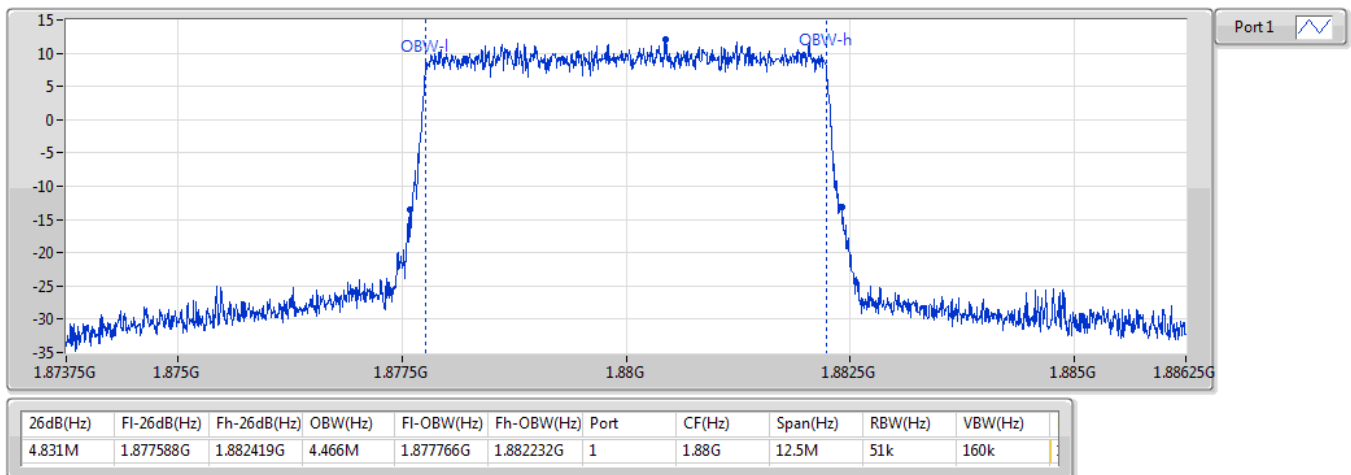
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 25,#RB 0

EBW



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 25,#RB 0

EBW

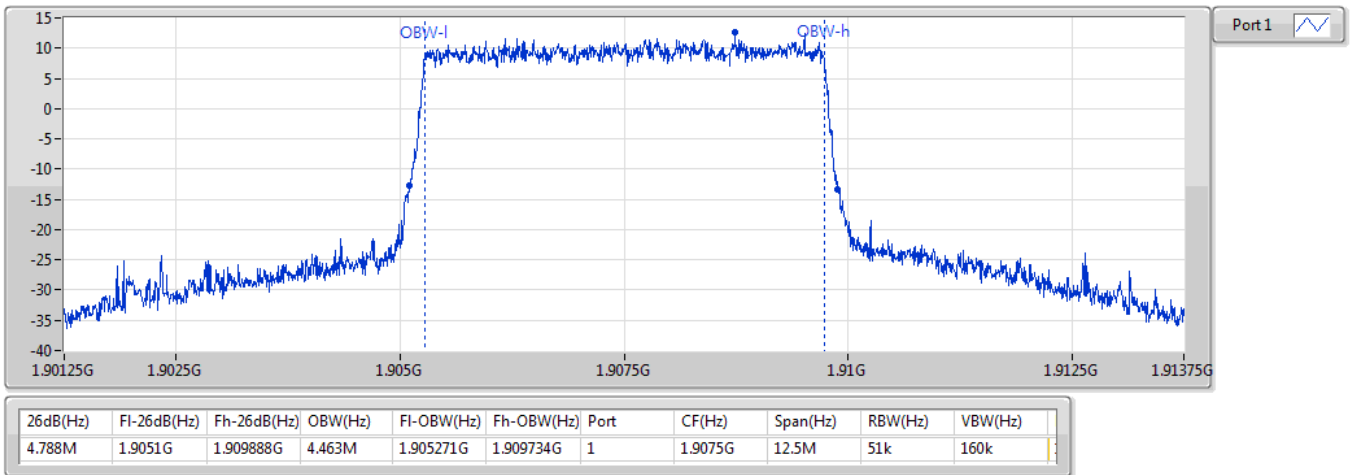




Band 2_LTE_5MHz_Nss1,QPSK_1TX

EBW

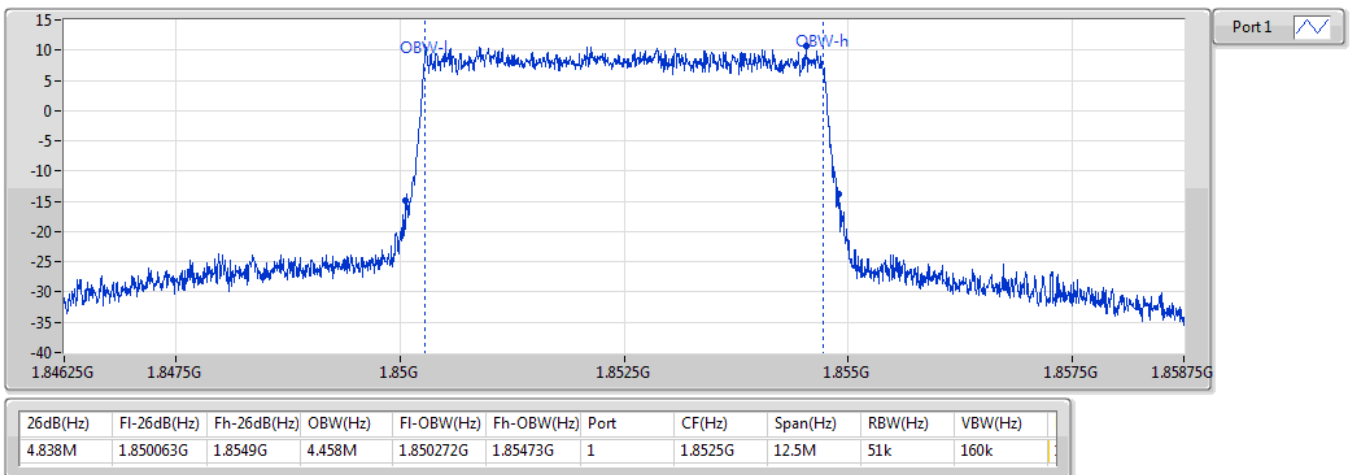
1907.5MHz_QPSK_RB 25,#RB 0



Band 2_LTE_5MHz_Nss1,16QAM_1TX

EBW

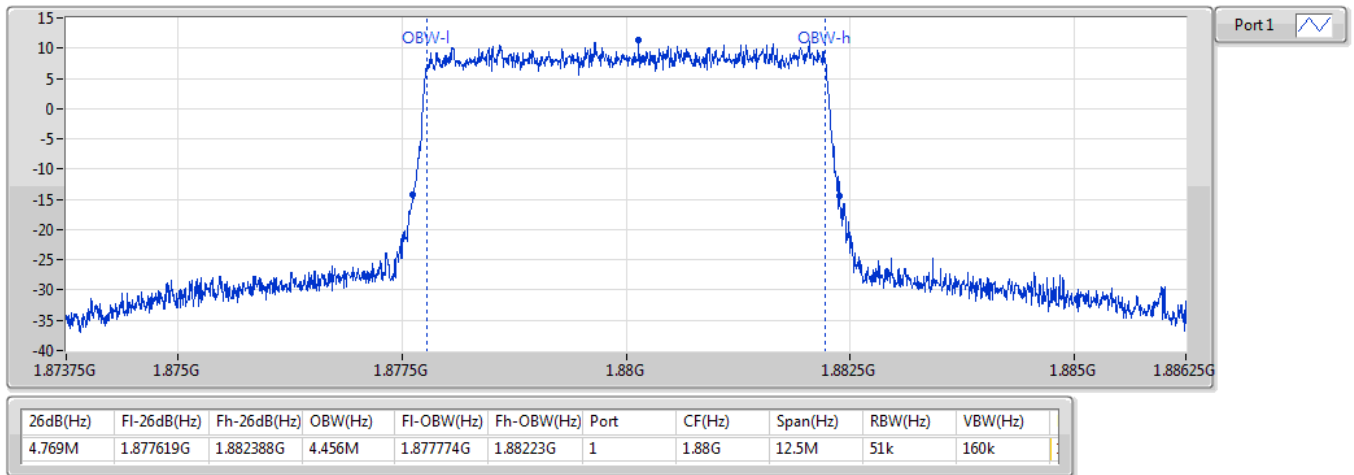
1852.5MHz_16QAM_RB 25,#RB 0





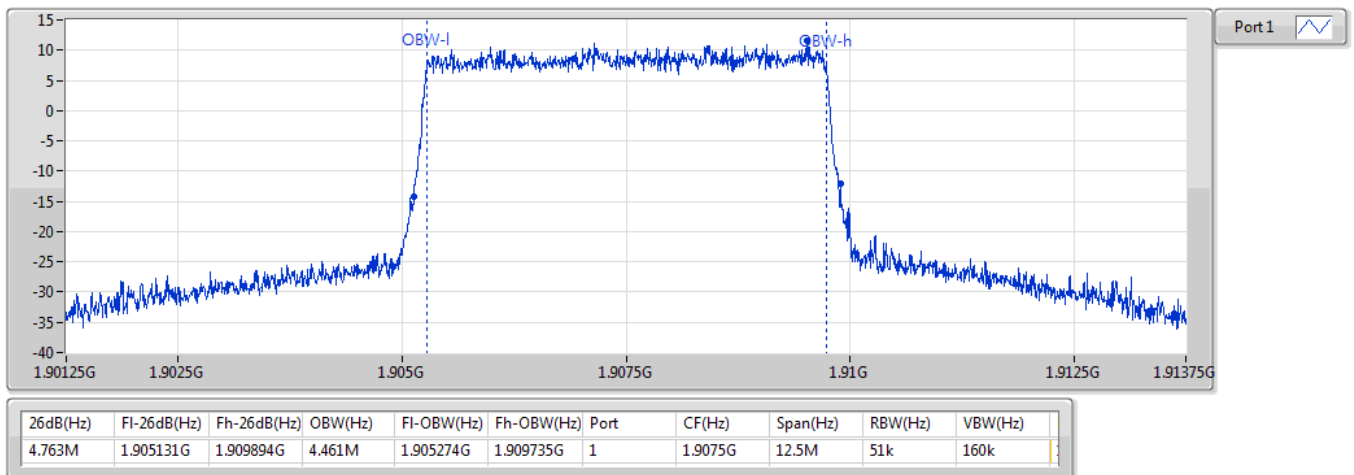
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 25,#RB 0

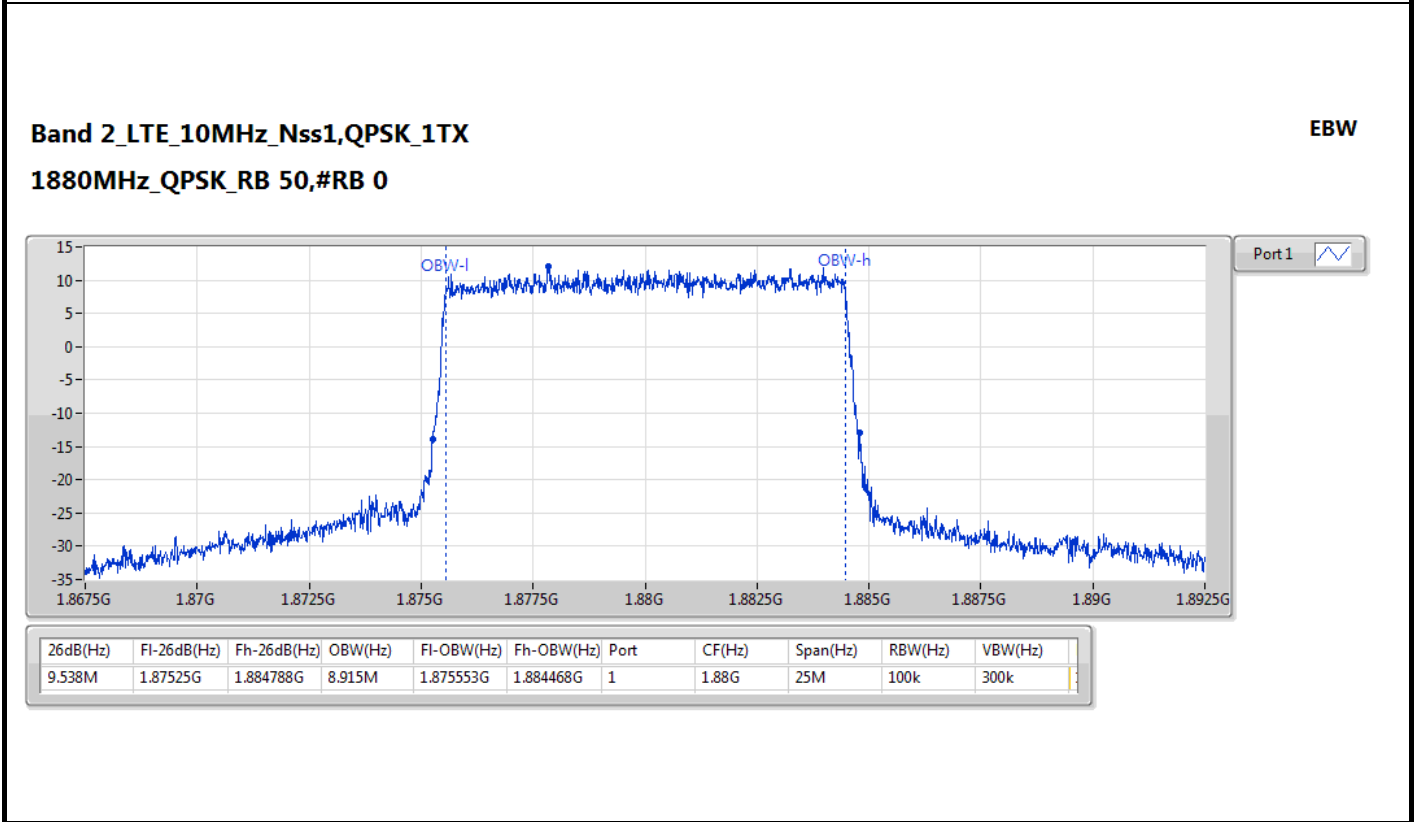
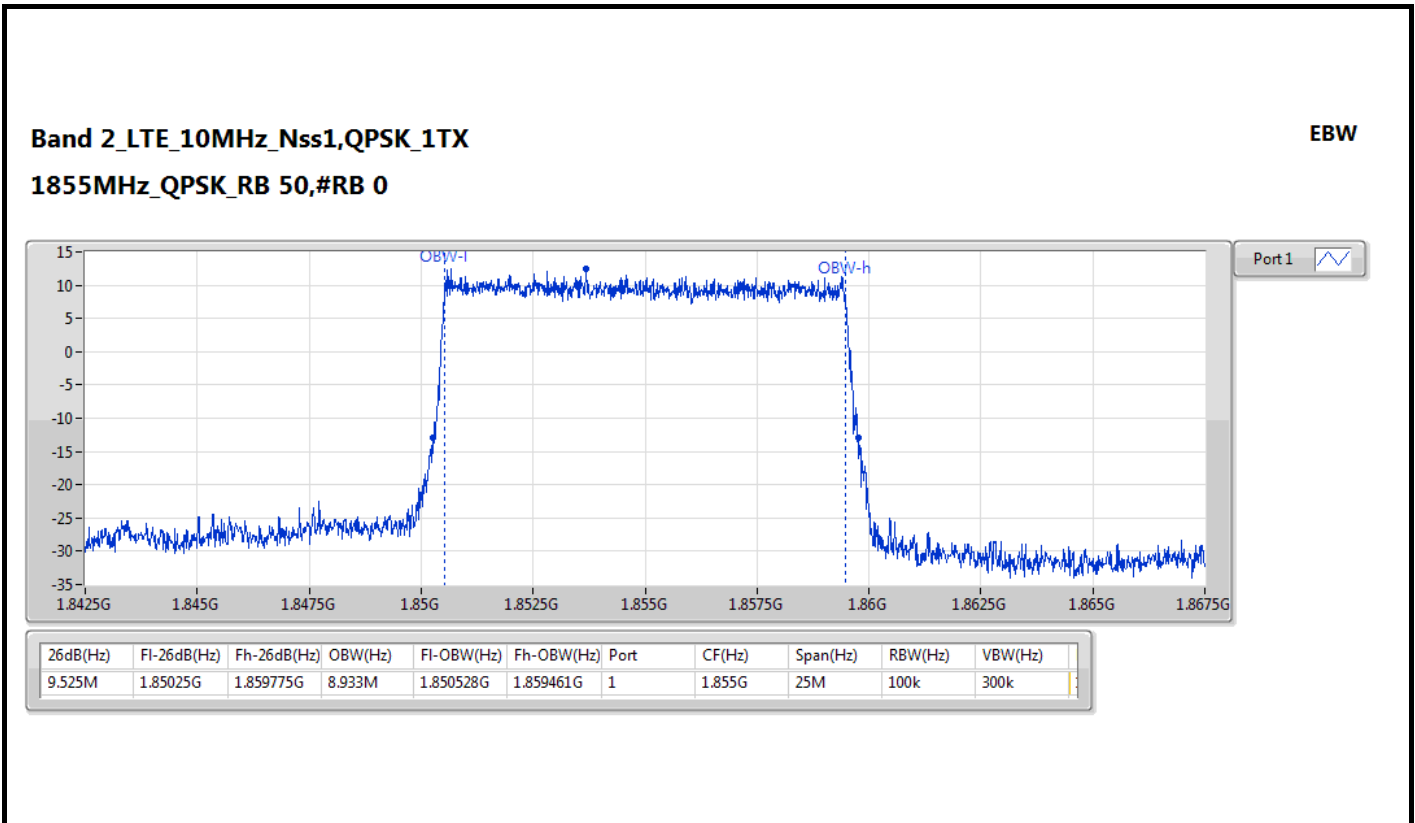
EBW



Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM_RB 25,#RB 0

EBW

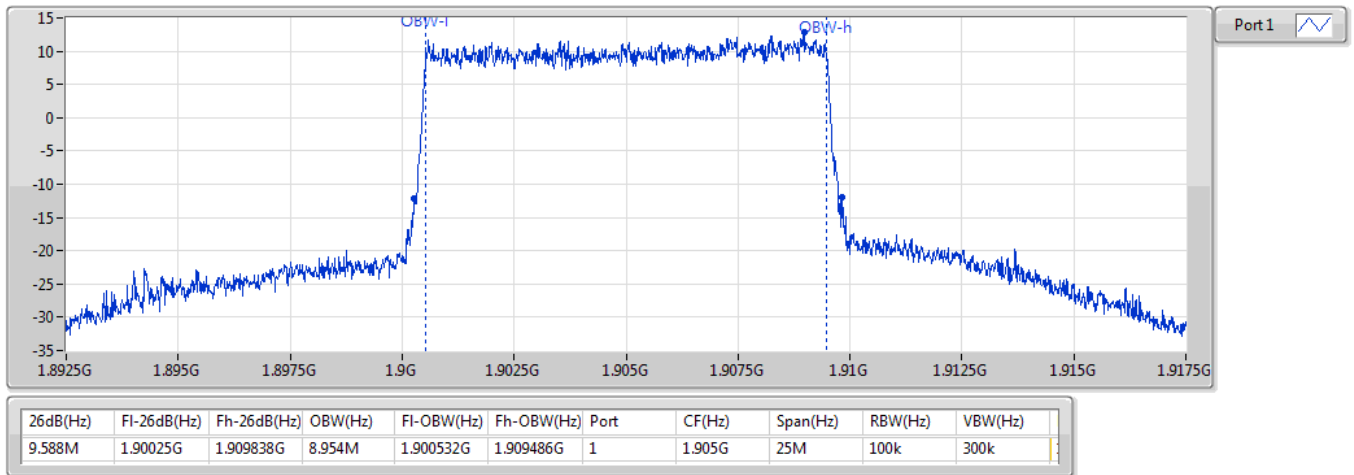






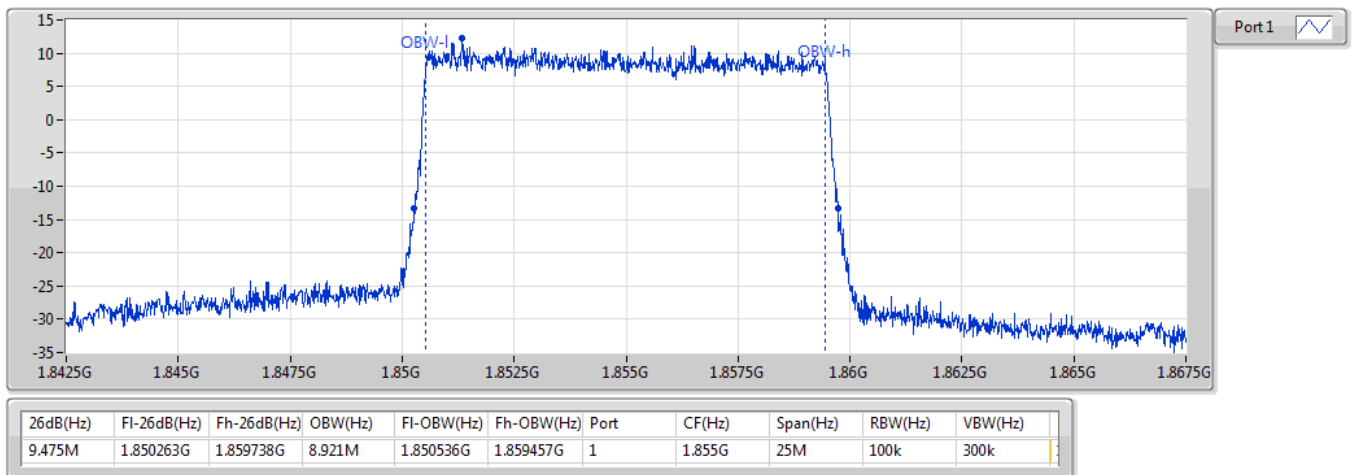
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 50,#RB 0

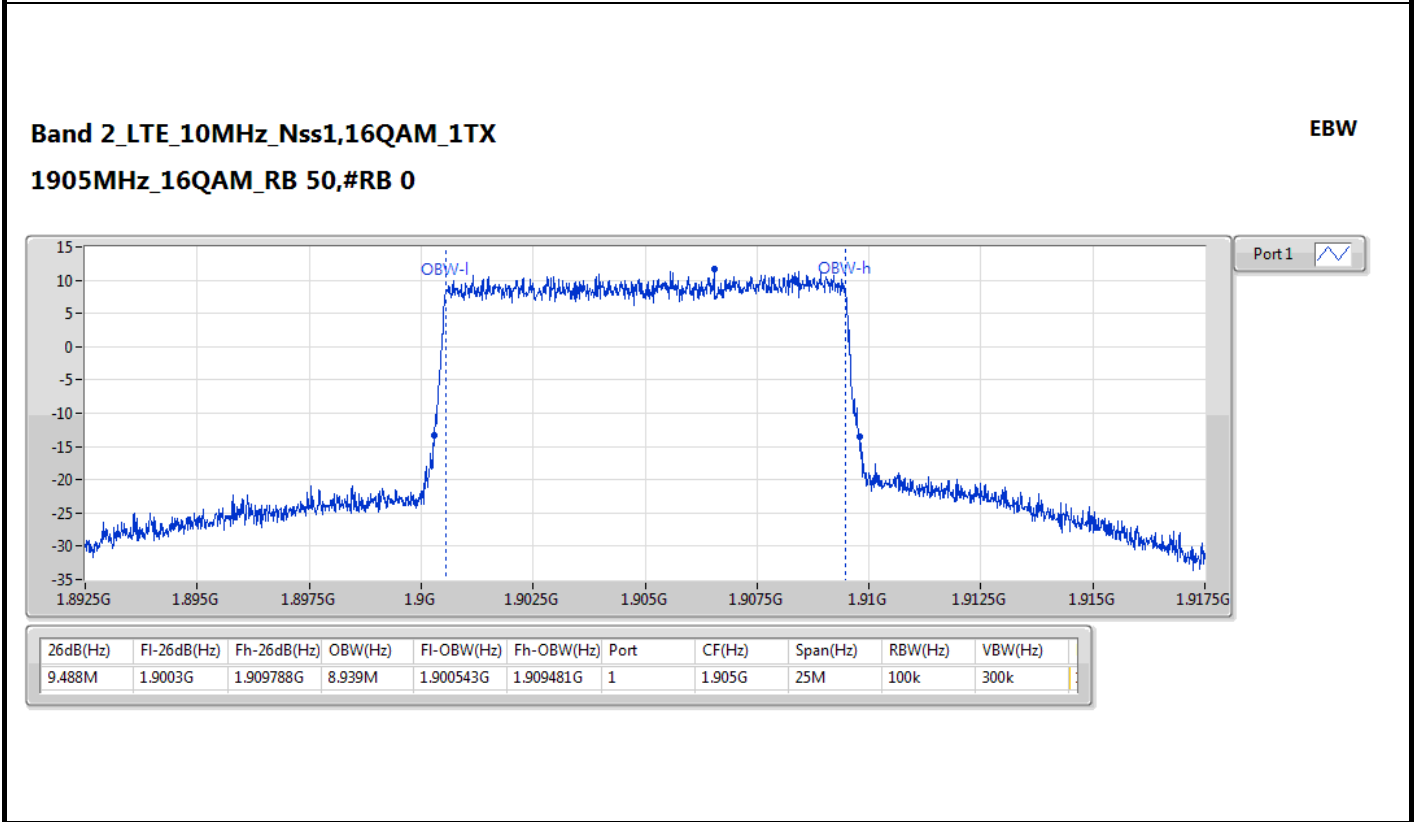
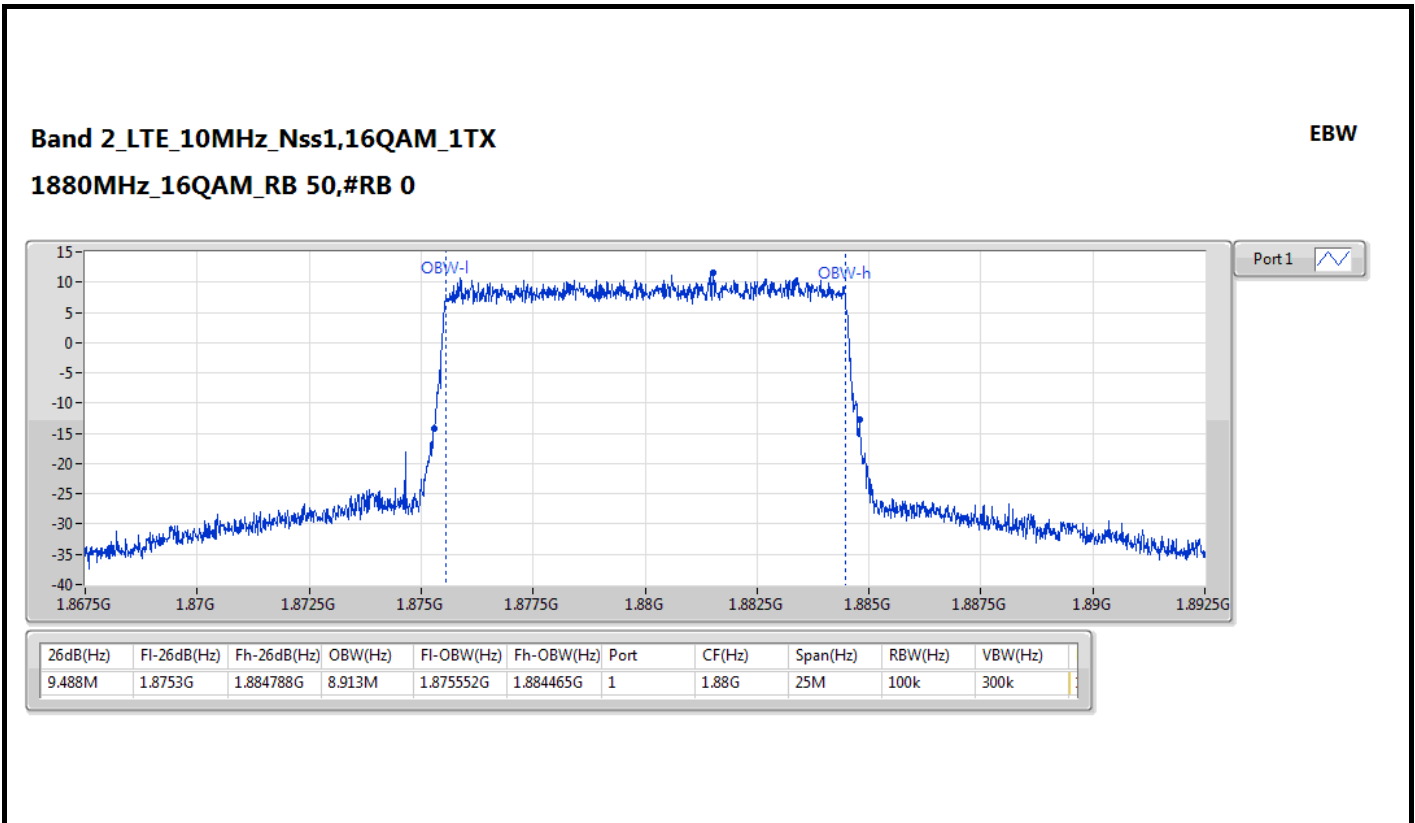
EBW

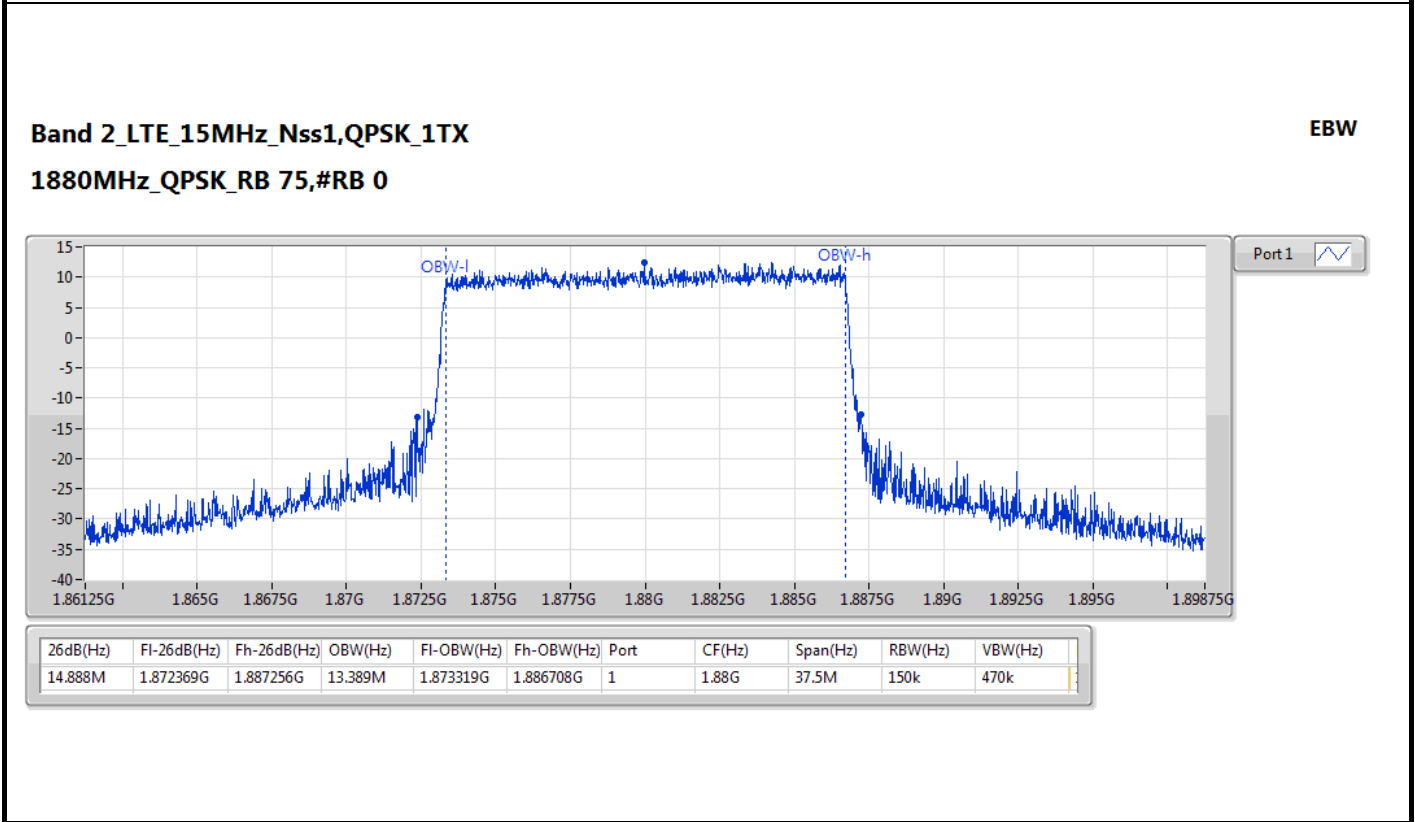
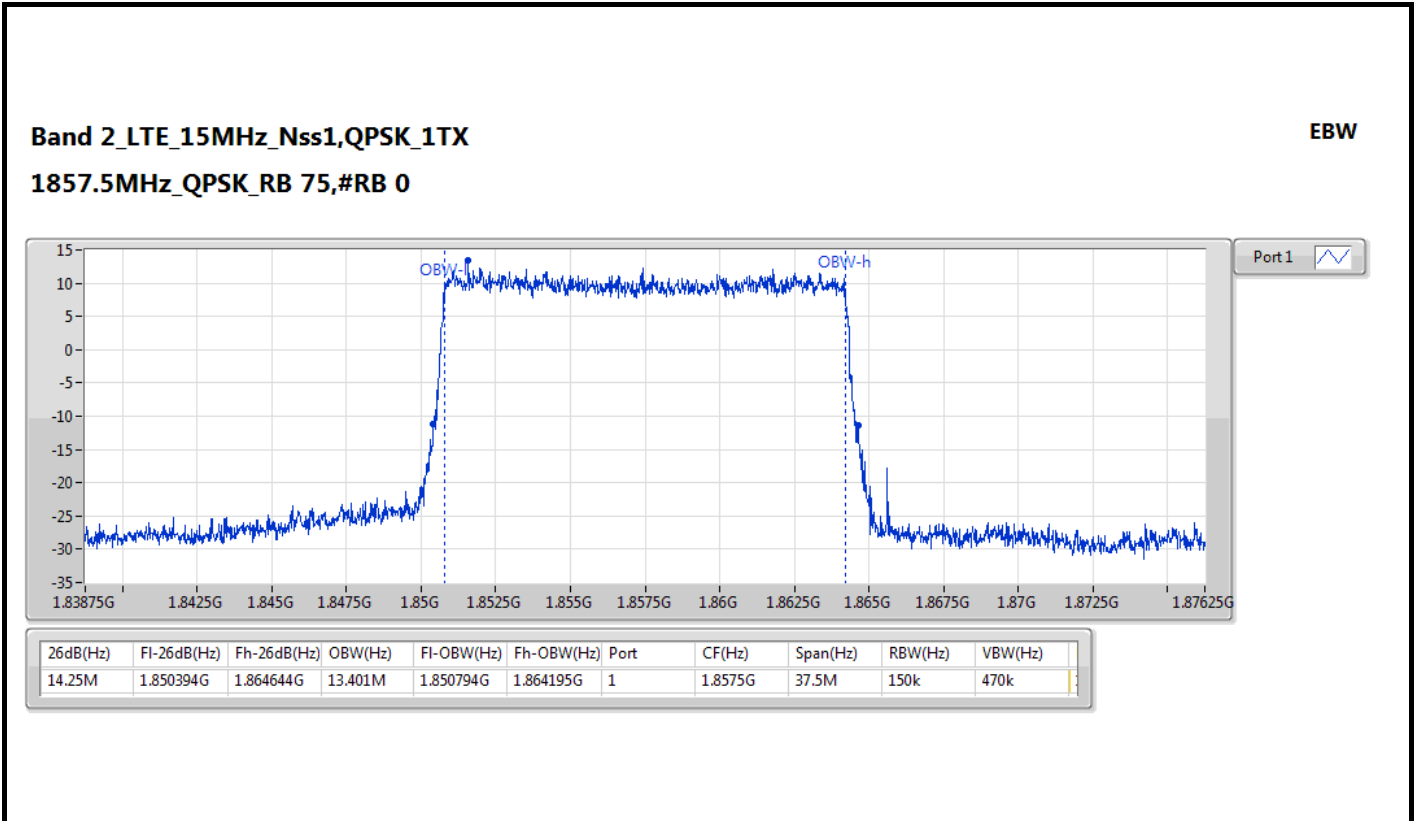


Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM_RB 50,#RB 0

EBW





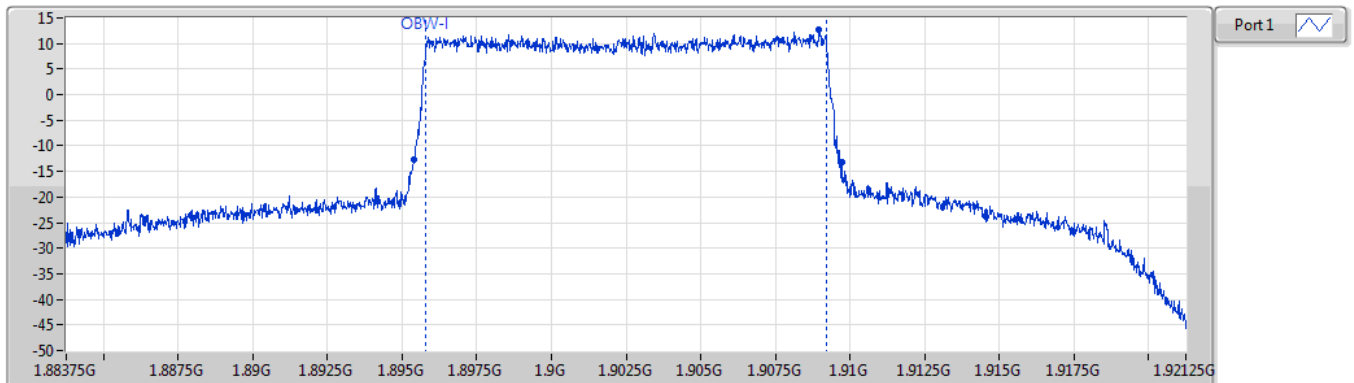




Band 2_LTE_15MHz_Nss1,QPSK_1TX

EBW

1902.5MHz_QPSK_RB 75,#RB 0

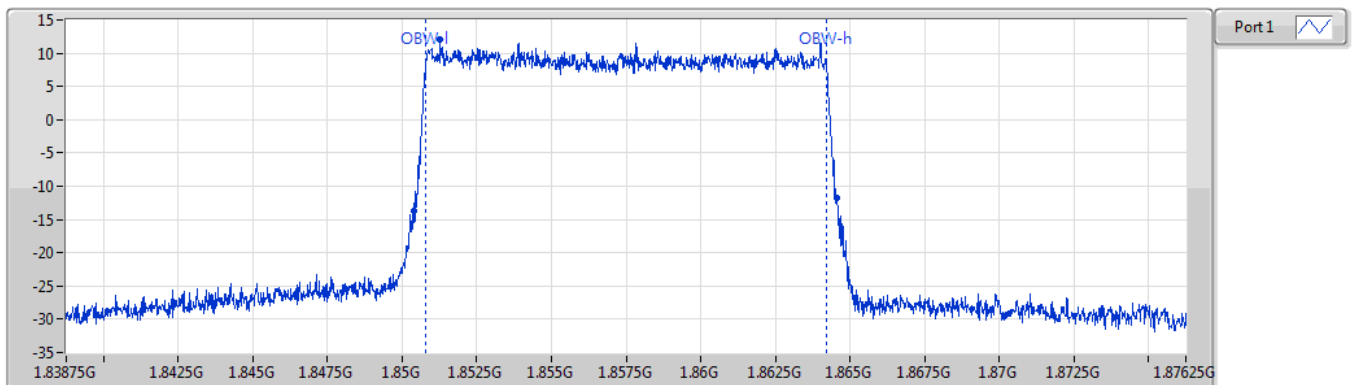


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.344M	1.895375G	1.909719G	13.412M	1.895805G	1.909218G	1	1.9025G	37.5M	150k	470k

Band 2_LTE_15MHz_Nss1,16QAM_1TX

EBW

1857.5MHz_16QAM_RB 75,#RB 0



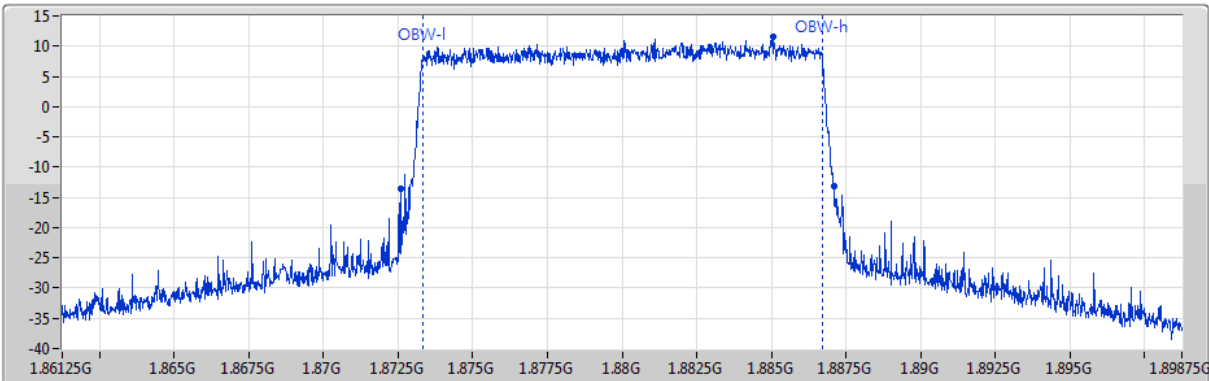
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.175M	1.850394G	1.864569G	13.414M	1.850793G	1.864206G	1	1.8575G	37.5M	150k	470k



Band 2_LTE_15MHz_Nss1,16QAM_1TX

EBW

1880MHz_16QAM_RB 75,#RB 0

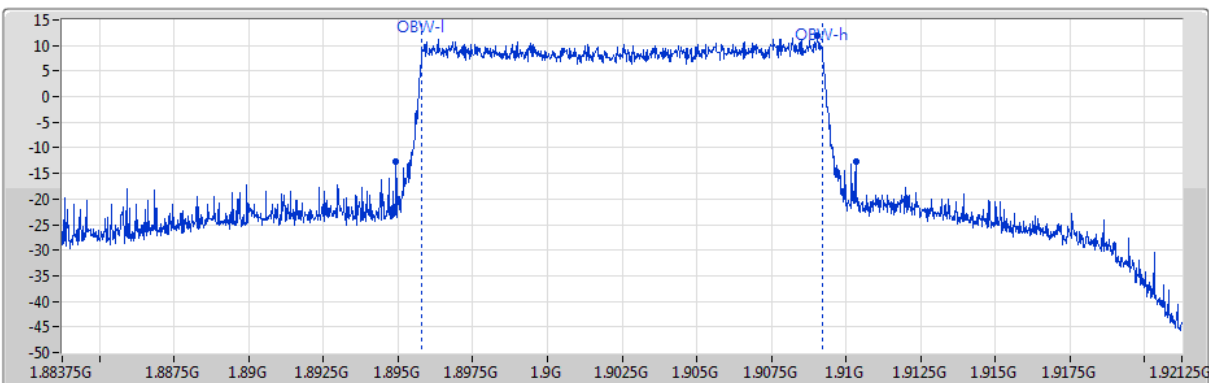


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.531M	1.872575G	1.887106G	13.382M	1.873315G	1.886696G	1	1.88G	37.5M	150k	470k

Band 2_LTE_15MHz_Nss1,16QAM_1TX

EBW

1902.5MHz_16QAM_RB 75,#RB 0

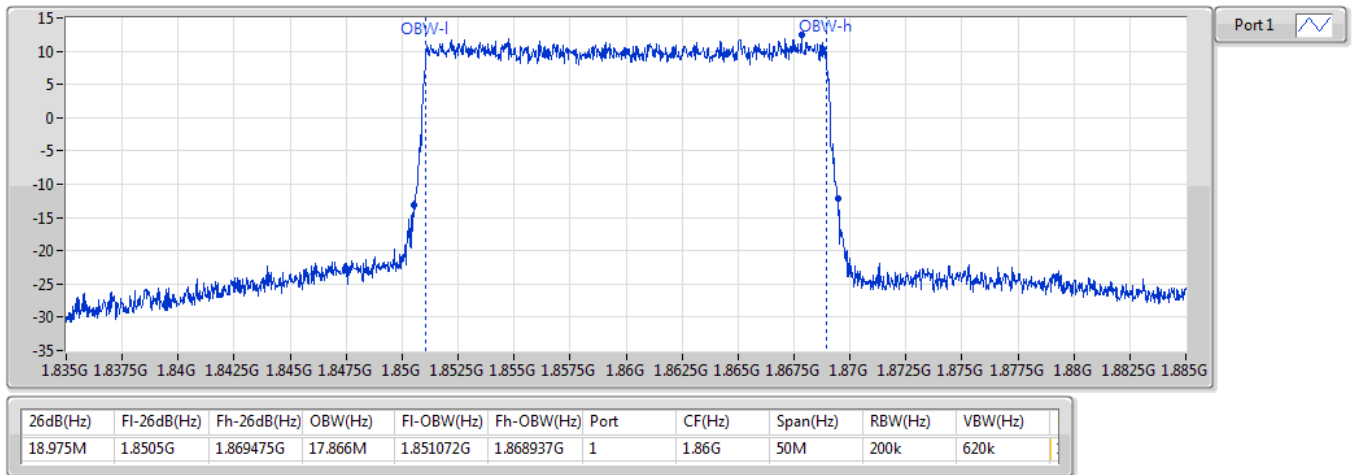


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
15.413M	1.894925G	1.910338G	13.426M	1.895794G	1.909222G	1	1.9025G	37.5M	150k	470k



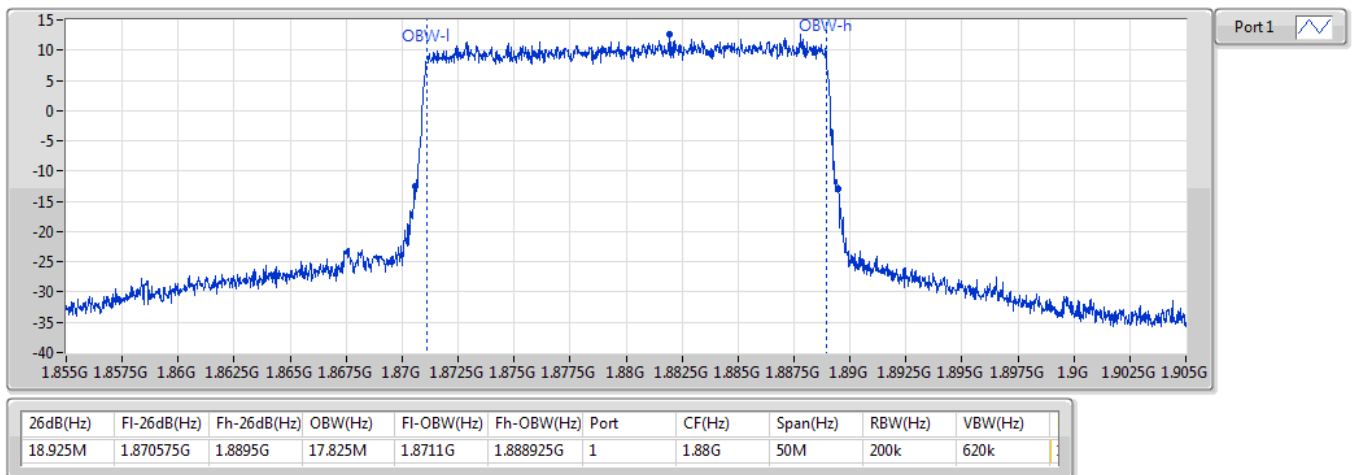
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 100,#RB 0

EBW



Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 100,#RB 0

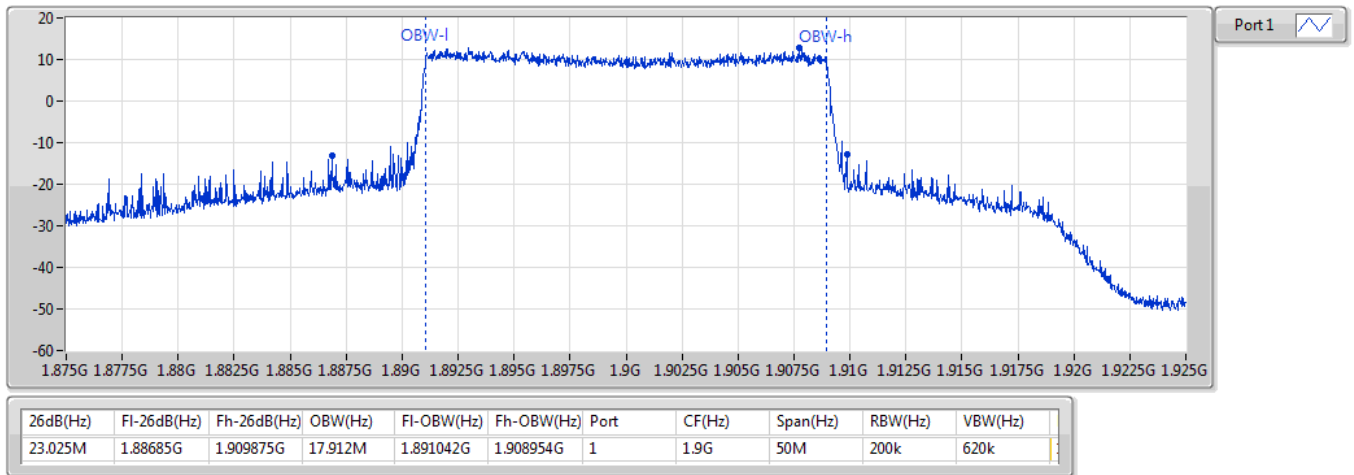
EBW





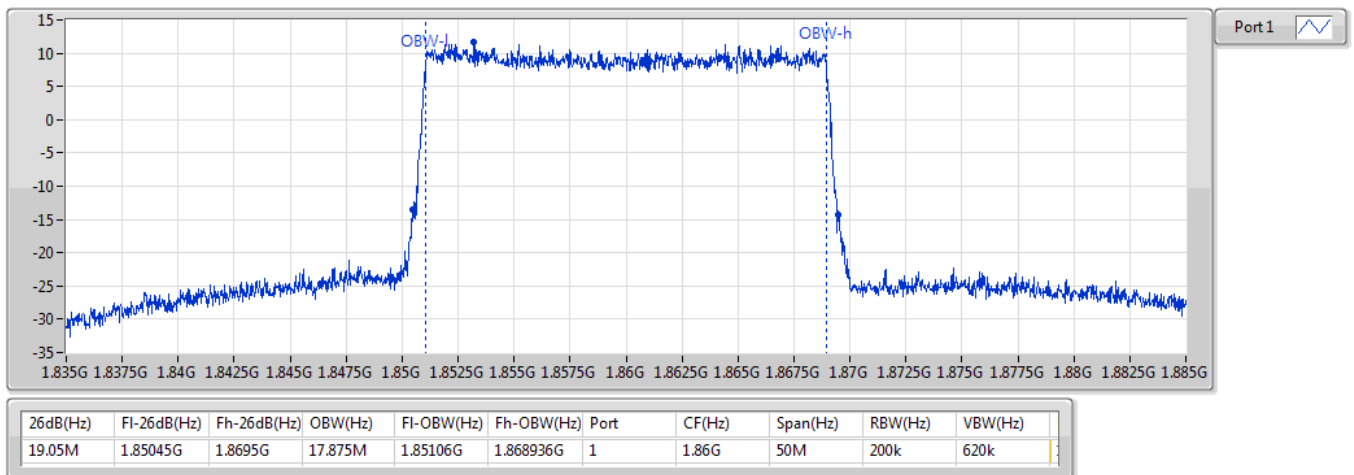
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 100,#RB 0

EBW



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 100,#RB 0

EBW

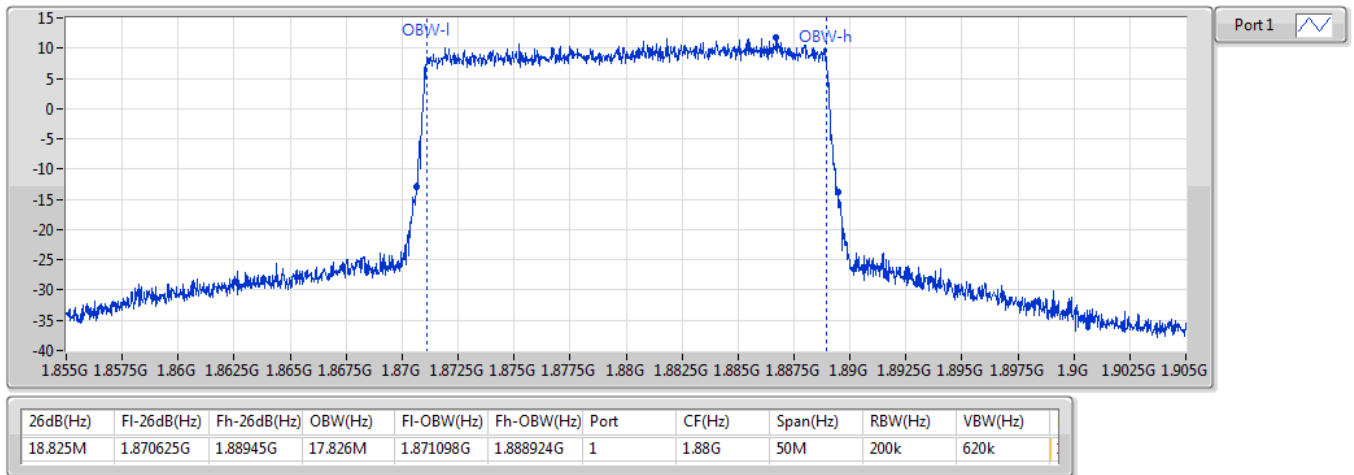




Band 2_LTE_20MHz_Nss1,16QAM_1TX

EBW

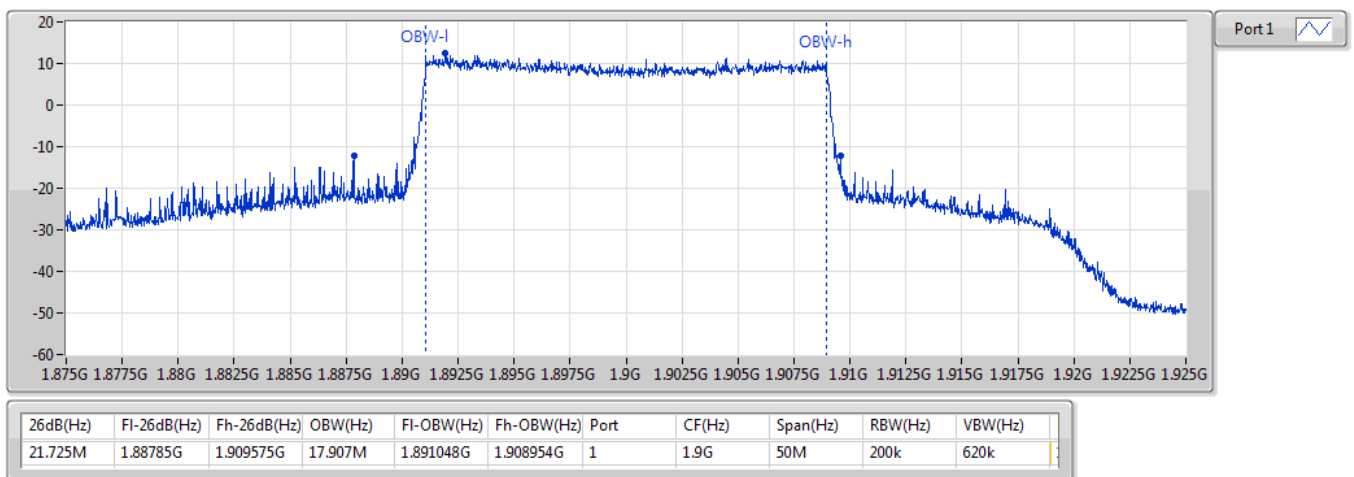
1880MHz_16QAM_RB 100,#RB 0



Band 2_LTE_20MHz_Nss1,16QAM_1TX

EBW

1900MHz_16QAM_RB 100,#RB 0





Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1880	13.00	5.70	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.49	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	1880	13.00	5.67	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.50	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	1880	13.00	5.70	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.43	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	1905	13.00	5.99	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	1905	13.00	6.68	1
LTE_15MHz_Nss1,QPSK_1TX	Pass	1902.5	13.00	5.94	1
LTE_15MHz_Nss1,16QAM_1TX	Pass	1902.5	13.00	6.75	1
LTE_20MHz_Nss1,QPSK_1TX	Pass	1900	13.00	6.00	1
LTE_20MHz_Nss1,16QAM_1TX	Pass	1900	13.00	6.74	1



Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE_1.4MHz_Nss1_1TX	-	-	-	-	-
1850.7MHz_QPSK_RB 6,#RB 0	Pass	1850.7	13.00	4.91	1
1880MHz_QPSK_RB 6,#RB 0	Pass	1880	13.00	5.70	1
1909.3MHz_QPSK_RB 6,#RB 0	Pass	1909.3	13.00	5.06	1
1850.7MHz_16QAM_RB 6,#RB 0	Pass	1850.7	13.00	5.65	1
1880MHz_16QAM_RB 6,#RB 0	Pass	1880	13.00	6.49	1
1909.3MHz_16QAM_RB 6,#RB 0	Pass	1909.3	13.00	5.89	1
Band 2_LTE_3MHz_Nss1_1TX	-	-	-	-	-
1851.5MHz_QPSK_RB 15,#RB 0	Pass	1851.5	13.00	4.96	1
1880MHz_QPSK_RB 15,#RB 0	Pass	1880	13.00	5.67	1
1908.5MHz_QPSK_RB 15,#RB 0	Pass	1908.5	13.00	5.38	1
1851.5MHz_16QAM_RB 15,#RB 0	Pass	1851.5	13.00	5.80	1
1880MHz_16QAM_RB 15,#RB 0	Pass	1880	13.00	6.50	1
1908.5MHz_16QAM_RB 15,#RB 0	Pass	1908.5	13.00	6.27	1
Band 2_LTE_5MHz_Nss1_1TX	-	-	-	-	-
1852.5MHz_QPSK_RB 25,#RB 0	Pass	1852.5	13.00	5.10	1
1880MHz_QPSK_RB 25,#RB 0	Pass	1880	13.00	5.70	1
1907.5MHz_QPSK_RB 25,#RB 0	Pass	1907.5	13.00	5.65	1
1852.5MHz_16QAM_RB 25,#RB 0	Pass	1852.5	13.00	5.79	1
1880MHz_16QAM_RB 25,#RB 0	Pass	1880	13.00	6.43	1
1907.5MHz_16QAM_RB 25,#RB 0	Pass	1907.5	13.00	6.38	1
Band 2_LTE_10MHz_Nss1_1TX	-	-	-	-	-
1855MHz_QPSK_RB 50,#RB 0	Pass	1855	13.00	5.46	1
1880MHz_QPSK_RB 50,#RB 0	Pass	1880	13.00	5.89	1
1905MHz_QPSK_RB 50,#RB 0	Pass	1905	13.00	5.99	1
1855MHz_16QAM_RB 50,#RB 0	Pass	1855	13.00	6.11	1
1880MHz_16QAM_RB 50,#RB 0	Pass	1880	13.00	6.49	1
1905MHz_16QAM_RB 50,#RB 0	Pass	1905	13.00	6.68	1
Band 2_LTE_15MHz_Nss1_1TX	-	-	-	-	-
1857.5MHz_QPSK_RB 75,#RB 0	Pass	1857.5	13.00	5.84	1
1880MHz_QPSK_RB 75,#RB 0	Pass	1880	13.00	5.83	1
1902.5MHz_QPSK_RB 75,#RB 0	Pass	1902.5	13.00	5.94	1
1857.5MHz_16QAM_RB 75,#RB 0	Pass	1857.5	13.00	6.47	1
1880MHz_16QAM_RB 75,#RB 0	Pass	1880	13.00	6.43	1
1902.5MHz_16QAM_RB 75,#RB 0	Pass	1902.5	13.00	6.75	1

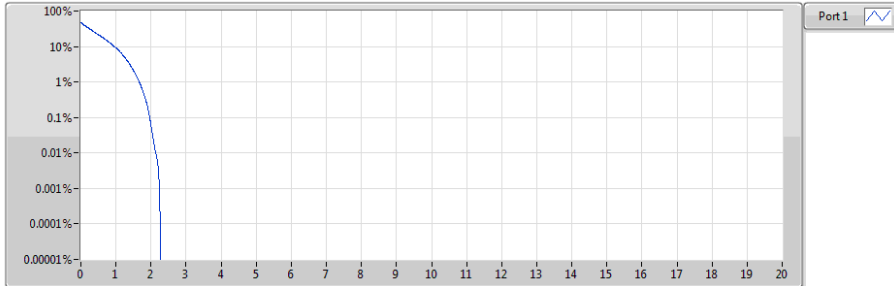


Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE_20MHz_Nss1_1TX	-	-	-	-	-
1860MHz_QPSK_RB 100,#RB 0	Pass	1860	13.00	5.94	1
1880MHz_QPSK_RB 100,#RB 0	Pass	1880	13.00	5.79	1
1900MHz_QPSK_RB 100,#RB 0	Pass	1900	13.00	6.00	1
1860MHz_16QAM_RB 100,#RB 0	Pass	1860	13.00	6.65	1
1880MHz_16QAM_RB 100,#RB 0	Pass	1880	13.00	6.52	1
1900MHz_16QAM_RB 100,#RB 0	Pass	1900	13.00	6.74	1



Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 6,#RB 0

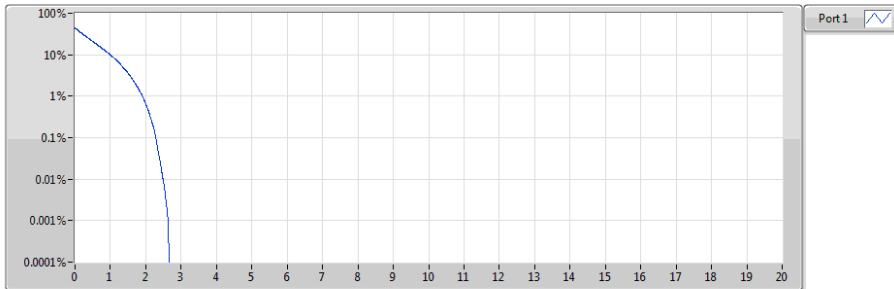
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1850.7	20M	4.91	-8.09	13.00	1

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 6,#RB 0

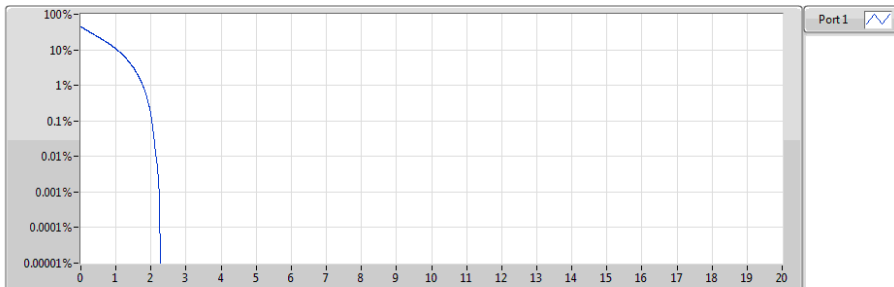
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.70	-7.30	13.00	1

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 6,#RB 0

PAR

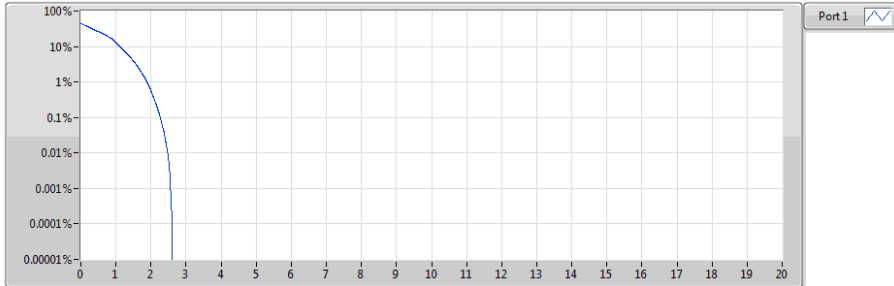


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1909.3	20M	5.06	-7.94	13.00	1



Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 6,#RB 0

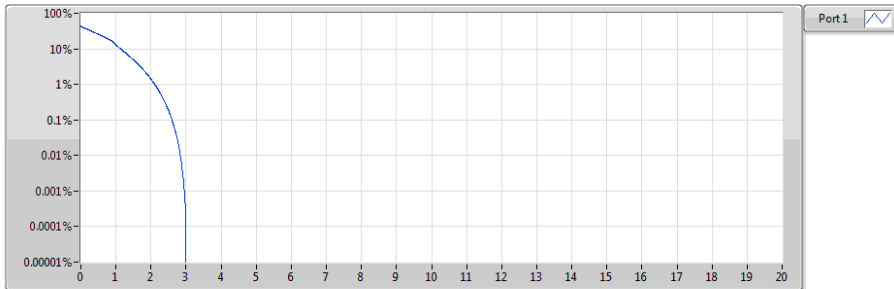
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1850.7	20M	5.65	-7.35	13.00	1

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 6,#RB 0

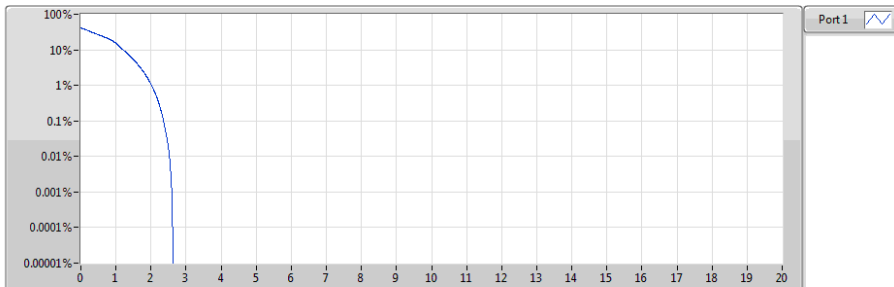
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.49	-6.51	13.00	1

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 6,#RB 0

PAR

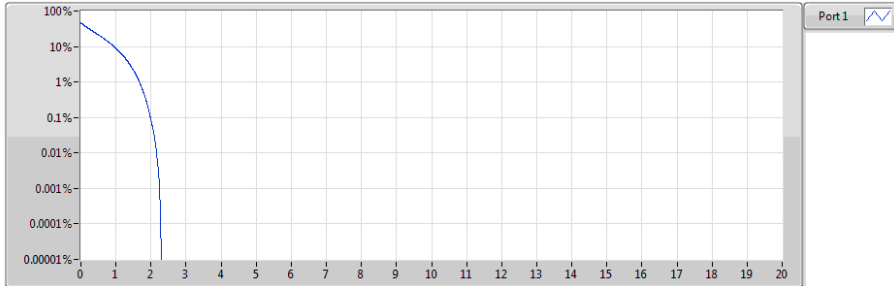


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1909.3	20M	5.89	-7.11	13.00	1



Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 15,#RB 0

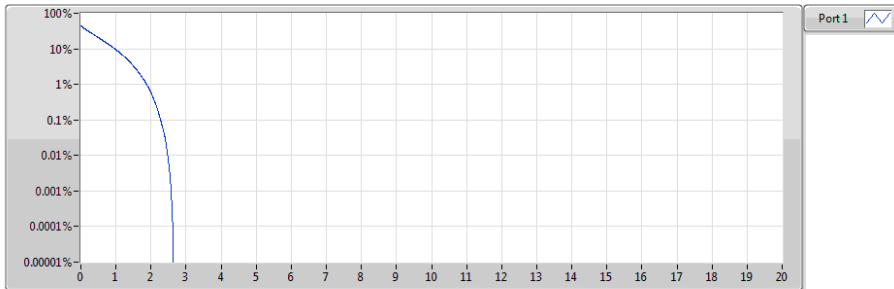
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1851.5	20M	4.96	-8.04	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 15,#RB 0

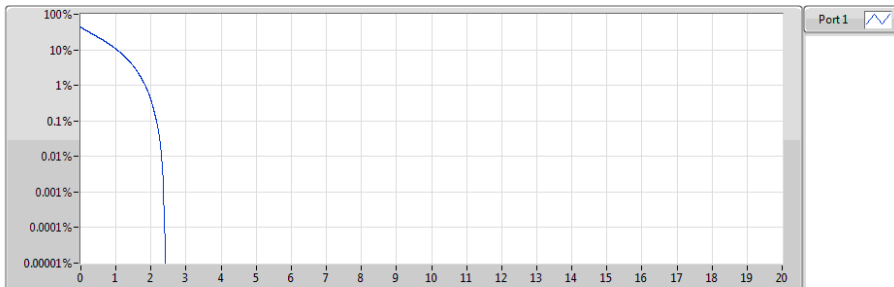
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.67	-7.33	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 15,#RB 0

PAR

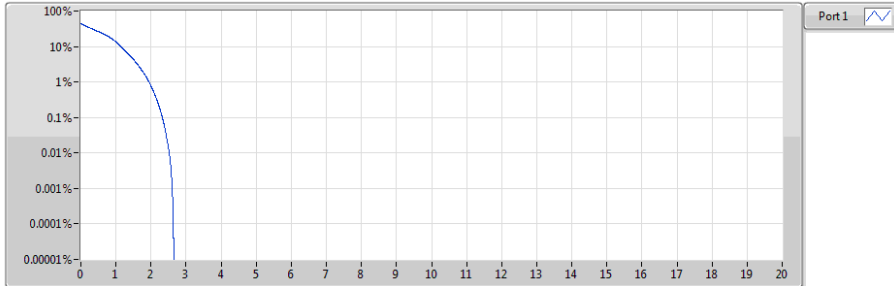


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1908.5	20M	5.38	-7.62	13.00	1



Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 15,#RB 0

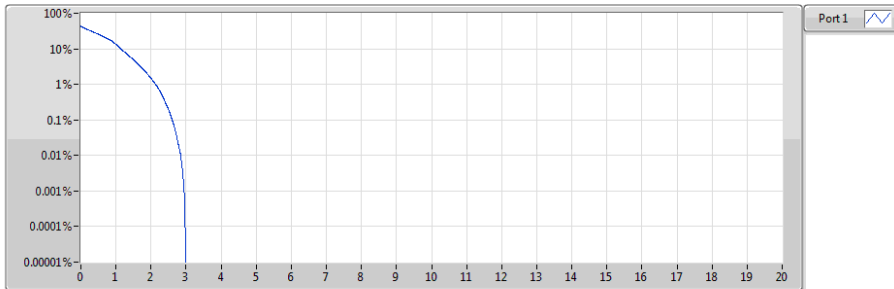
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1851.5	20M	5.80	-7.20	13.00	1

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 15,#RB 0

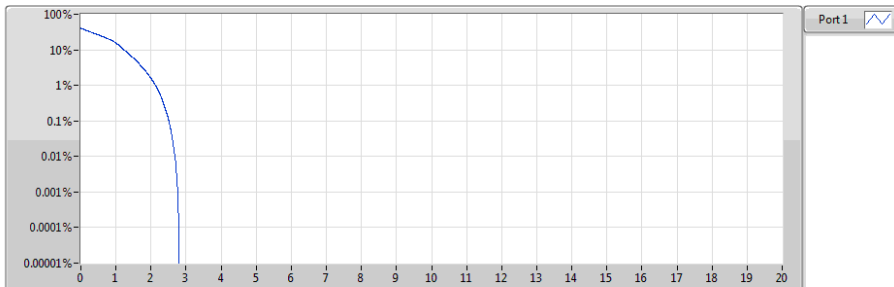
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.50	-6.50	13.00	1

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 15,#RB 0

PAR

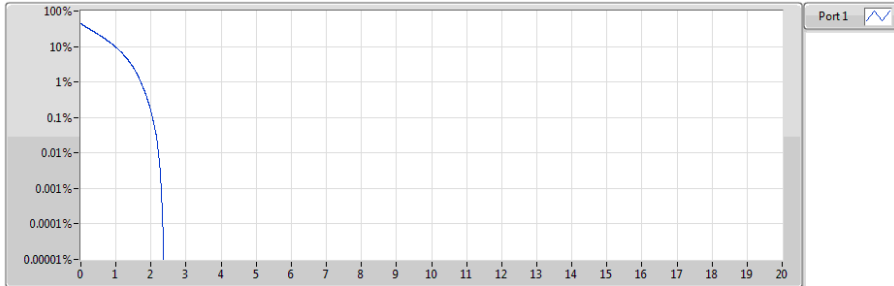


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1908.5	20M	6.27	-6.73	13.00	1



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 25,#RB 0

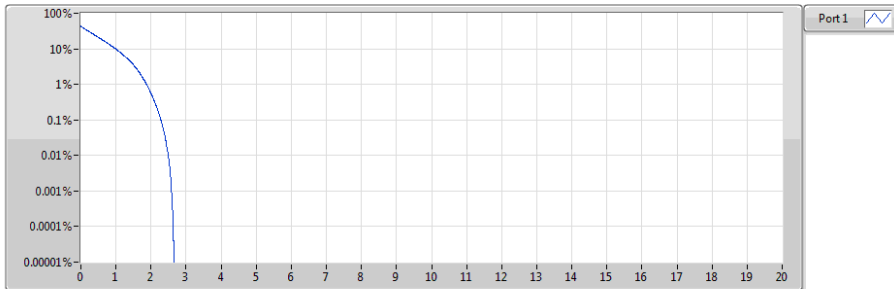
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1852.5	20M	5.10	-7.90	13.00	1

Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 25,#RB 0

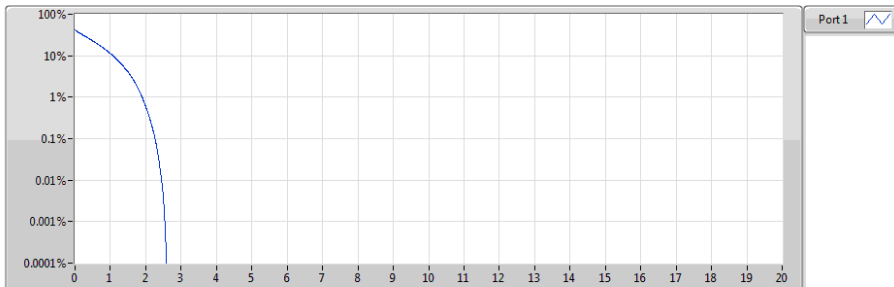
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.70	-7.30	13.00	1

Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK_RB 25,#RB 0

PAR

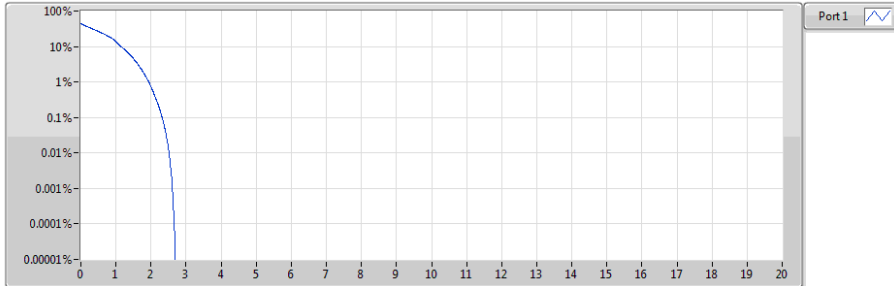


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1907.5	20M	5.65	-7.35	13.00	1



Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 25,#RB 0

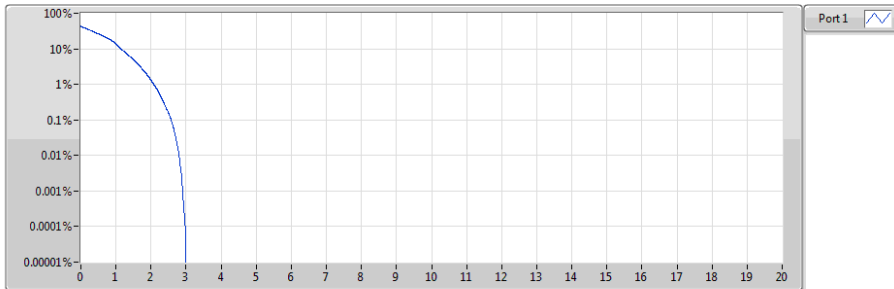
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1852.5	20M	5.79	-7.21	13.00	1

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 25,#RB 0

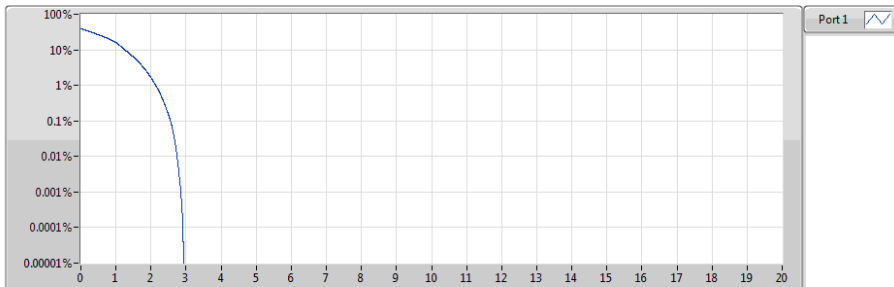
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.43	-6.57	13.00	1

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM_RB 25,#RB 0

PAR

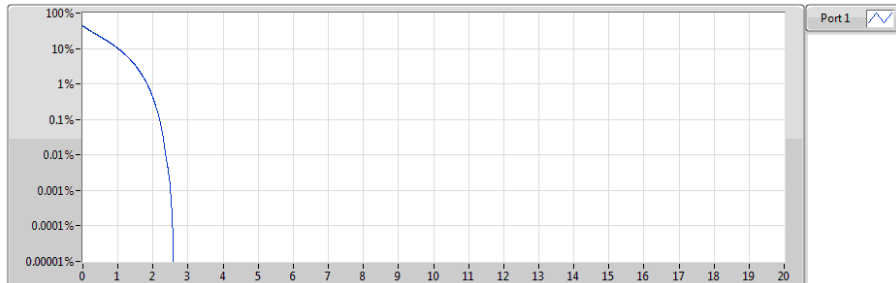


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1907.5	20M	6.38	-6.62	13.00	1



Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 50,#RB 0

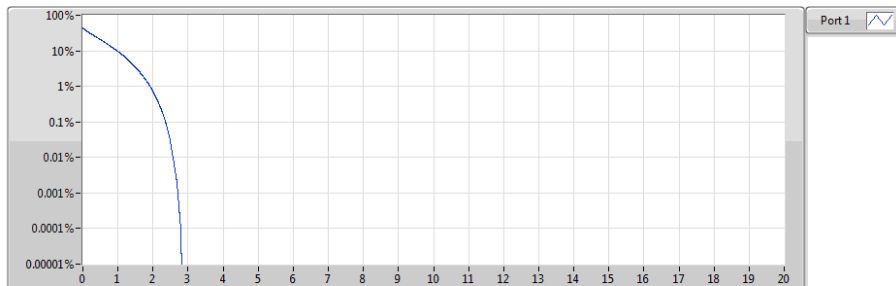
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1855	20M	5.46	-7.54	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 50,#RB 0

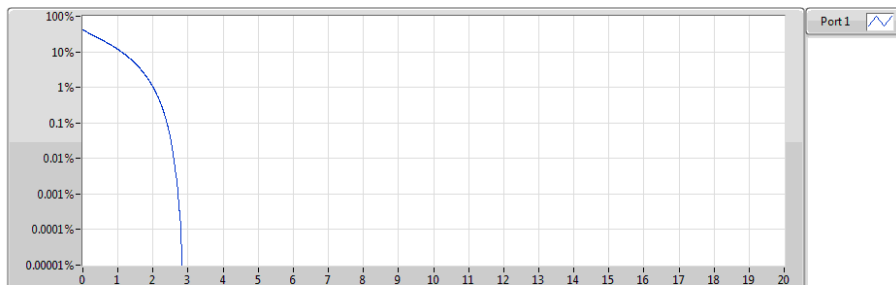
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.89	-7.11	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 50,#RB 0

PAR

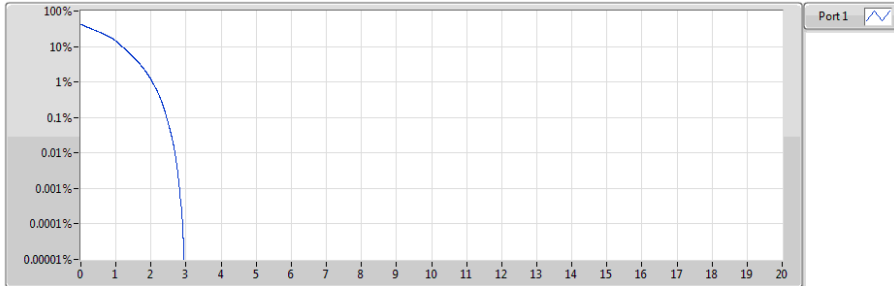


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1905	20M	5.99	-7.01	13.00	1



Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM_RB 50,#RB 0

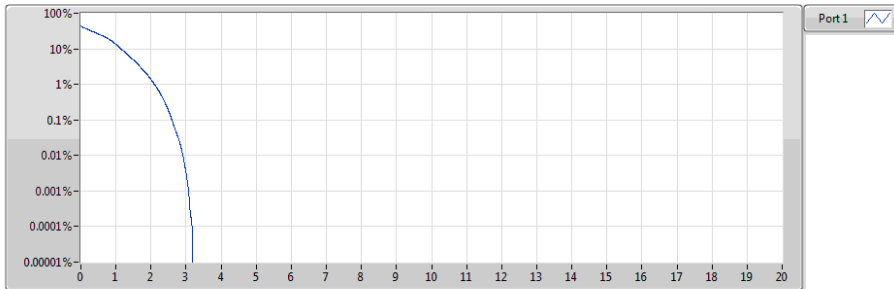
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1855	20M	6.11	-6.89	13.00	1

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 50,#RB 0

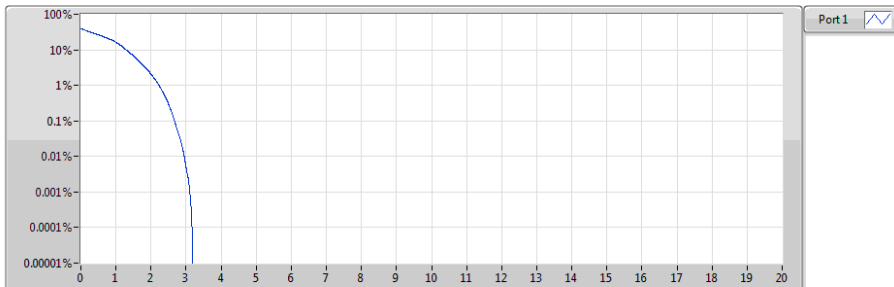
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.49	-6.51	13.00	1

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 50,#RB 0

PAR

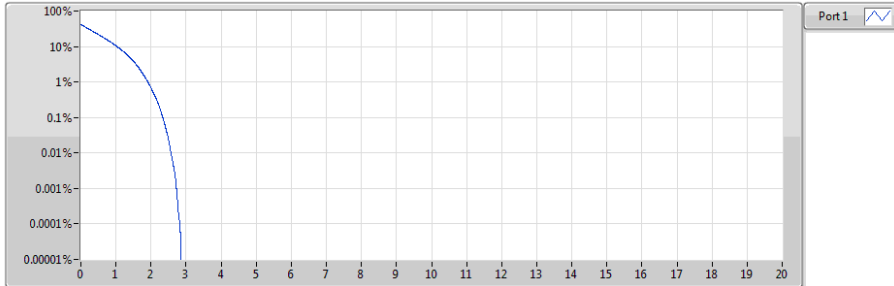


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1905	20M	6.68	-6.32	13.00	1



Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 75,#RB 0

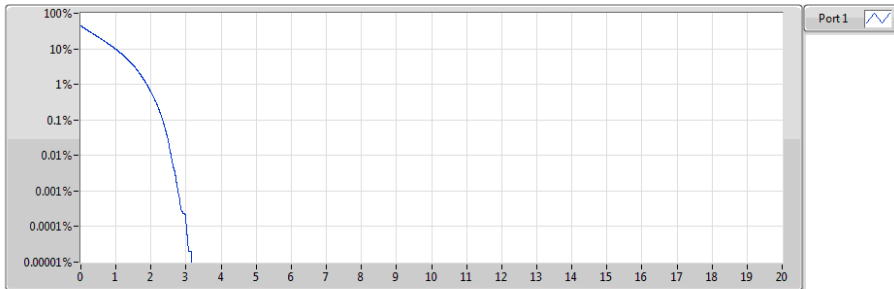
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1857.5	20M	5.84	-7.16	13.00	1

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 75,#RB 0

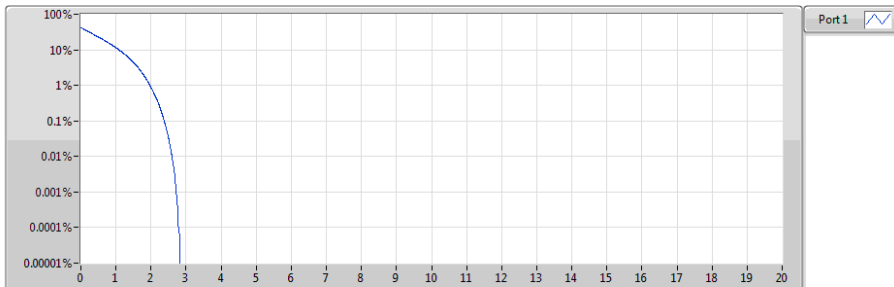
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.83	-7.17	13.00	1

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 75,#RB 0

PAR

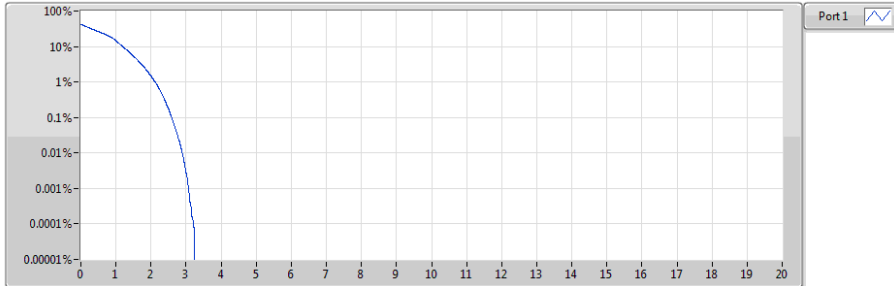


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1902.5	20M	5.94	-7.06	13.00	1



Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 75,#RB 0

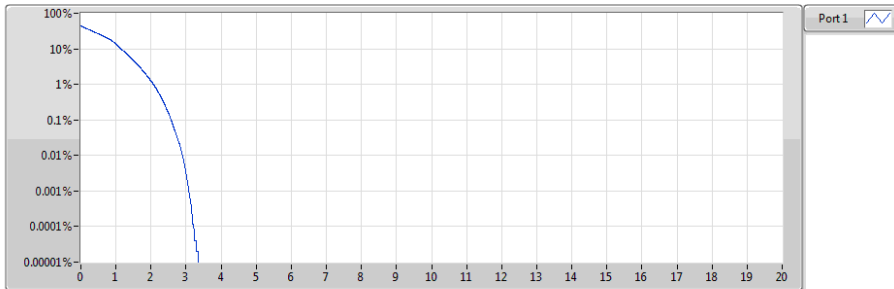
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1857.5	20M	6.47	-6.53	13.00	1

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 75,#RB 0

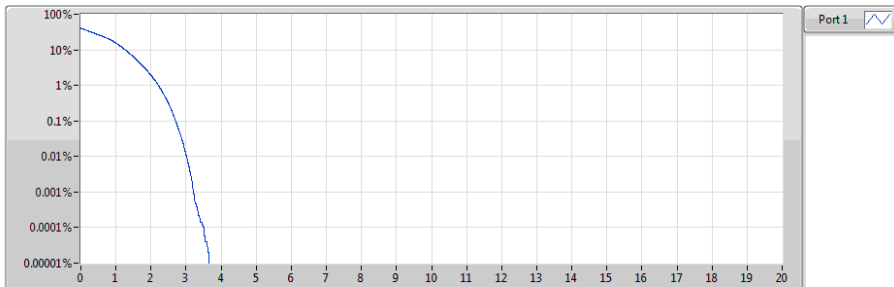
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.43	-6.57	13.00	1

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1902.5MHz_16QAM_RB 75,#RB 0

PAR

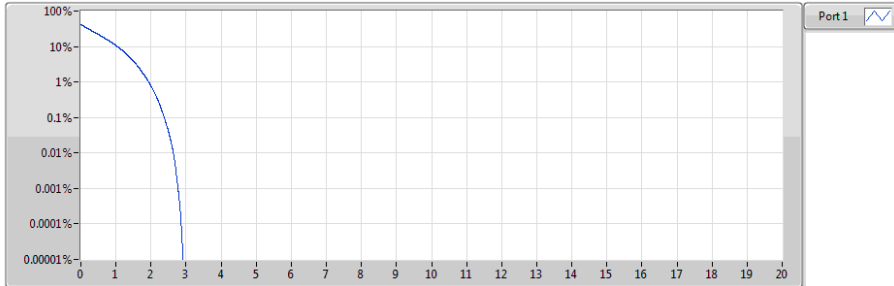


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1902.5	20M	6.75	-6.25	13.00	1



Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 100,#RB 0

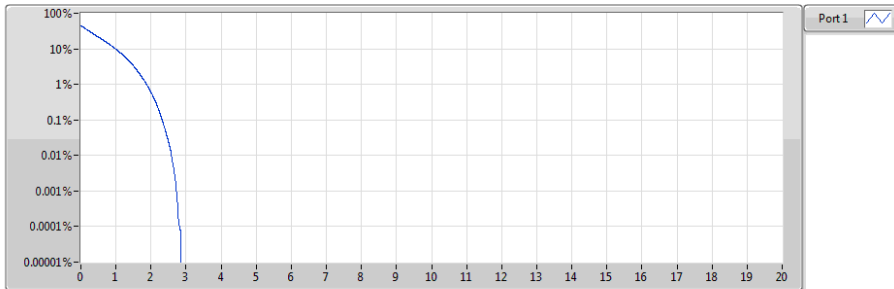
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1860	20M	5.94	-7.06	13.00	1

Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 100,#RB 0

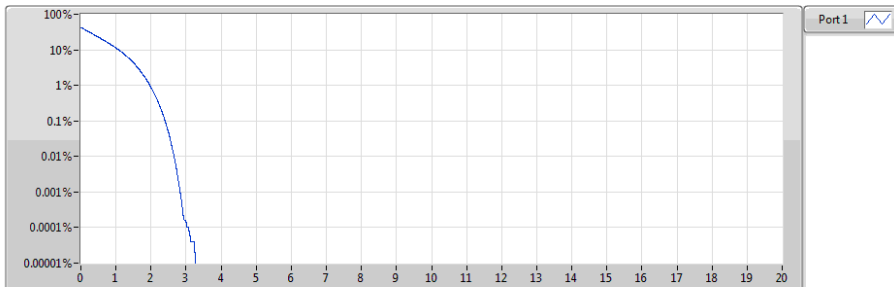
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.79	-7.21	13.00	1

Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 100,#RB 0

PAR

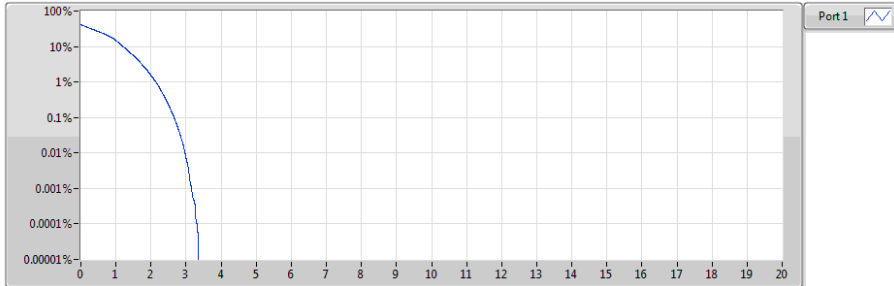


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1900	20M	6.00	-7.00	13.00	1



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 100,#RB 0

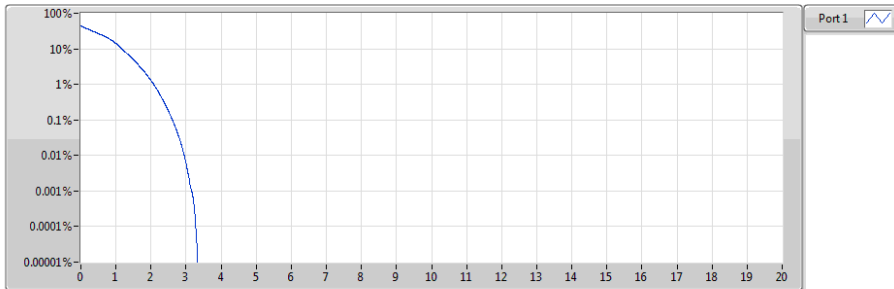
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1860	20M	6.65	-6.35	13.00	1

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 100,#RB 0

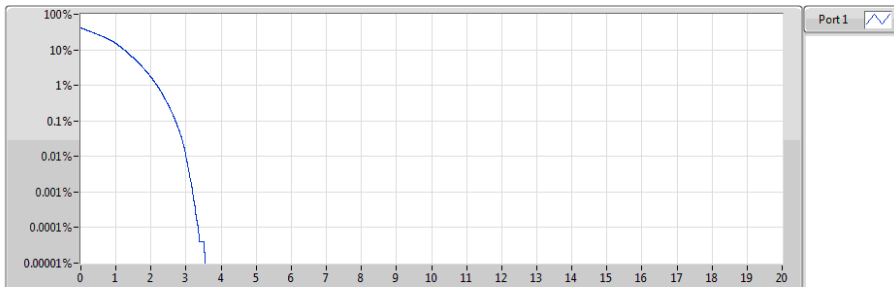
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.52	-6.48	13.00	1

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1900MHz_16QAM_RB 100,#RB 0

PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1900	20M	6.74	-6.26	13.00	1



Band 2_LTE_1.4MHz_Nss1_1TX				
Temperature (°C)	1850.7MHz		1909.3MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.009	1850.158984	-0.009	1909.840983
T20°CVmin	-0.010	1850.158982	-0.008	1909.840984
T50°CVnom	-0.009	1850.158983	-0.009	1909.840982
T40°CVnom	-0.008	1850.158985	-0.010	1909.840981
T30°CVnom	-0.010	1850.158982	-0.008	1909.840984
T20°CVnom	-0.009	1850.158984	-0.008	1909.840985
T10°CVnom	-0.008	1850.158986	-0.007	1909.840987
T0°CVnom	-0.007	1850.158987	-0.006	1909.840988
T-10°CVnom	-0.006	1850.158988	-0.008	1909.840985
T-20°CVnom	-0.008	1850.158986	-0.006	1909.840989
T-30°CVnom	-0.006	1850.158989	-0.006	1909.840988
Limit	>1850MHz		<1910MHz	

Band 2_LTE_3MHz_Nss1_1TX				
Temperature (°C)	1851.5MHz		1908.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.011	1850.163979	-0.012	1909.836978
T20°CVmin	-0.012	1850.163977	-0.013	1909.836976
T50°CVnom	-0.014	1850.163975	-0.013	1909.836975
T40°CVnom	-0.014	1850.163974	-0.012	1909.836977
T30°CVnom	-0.013	1850.163976	-0.012	1909.836978
T20°CVnom	-0.011	1850.163979	-0.012	1909.836977
T10°CVnom	-0.012	1850.163977	-0.011	1909.836979
T0°CVnom	-0.010	1850.163981	-0.010	1909.836981
T-10°CVnom	-0.008	1850.163985	-0.010	1909.836981
T-20°CVnom	-0.009	1850.163984	-0.008	1909.836985
T-30°CVnom	-0.008	1850.163986	-0.008	1909.836984
Limit	>1850MHz		<1910MHz	



Band 2_LTE_5MHz_Nss1_1TX				
Temperature (°C)	1852.5MHz		1907.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.009	1850.267983	-0.009	1909.734982
T20°CVmin	-0.008	1850.267985	-0.010	1909.734980
T50°CVnom	-0.009	1850.267984	-0.012	1909.734978
T40°CVnom	-0.010	1850.267982	-0.012	1909.734977
T30°CVnom	-0.010	1850.267981	-0.011	1909.734979
T20°CVnom	-0.009	1850.267984	-0.010	1909.734981
T10°CVnom	-0.008	1850.267985	-0.009	1909.734983
T0°CVnom	-0.010	1850.267982	-0.008	1909.734984
T-10°CVnom	-0.008	1850.267985	-0.009	1909.734982
T-20°CVnom	-0.008	1850.267986	-0.008	1909.734984
T-30°CVnom	-0.009	1850.267984	-0.007	1909.734987
Limit		>1850MHz		<1910MHz

Band 2_LTE_10MHz_Nss1_1TX				
Temperature (°C)	1855MHz		1905MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.013	1850.527976	-0.013	1909.485975
T20°CVmin	-0.014	1850.527974	-0.013	1909.485976
T50°CVnom	-0.013	1850.527975	-0.012	1909.485977
T40°CVnom	-0.015	1850.527972	-0.013	1909.485976
T30°CVnom	-0.012	1850.527977	-0.011	1909.485979
T20°CVnom	-0.011	1850.527979	-0.013	1909.485975
T10°CVnom	-0.013	1850.527976	-0.012	1909.485978
T0°CVnom	-0.012	1850.527978	-0.010	1909.485981
T-10°CVnom	-0.010	1850.527981	-0.008	1909.485985
T-20°CVnom	-0.010	1850.527982	-0.008	1909.485984
T-30°CVnom	-0.008	1850.527985	-0.007	1909.485986
Limit		>1850MHz		<1910MHz



Band 2_LTE_15MHz_Nss1_1TX				
Temperature (°C)	1857.5MHz		1902.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.010	1850.792982	-0.010	1909.219981
T20°CVmin	-0.009	1850.792983	-0.011	1909.219979
T50°CVnom	-0.010	1850.792981	-0.012	1909.219978
T40°CVnom	-0.011	1850.792979	-0.011	1909.219979
T30°CVnom	-0.012	1850.792978	-0.010	1909.219981
T20°CVnom	-0.010	1850.792981	-0.009	1909.219982
T10°CVnom	-0.009	1850.792984	-0.009	1909.219983
T0°CVnom	-0.008	1850.792985	-0.008	1909.219985
T-10°CVnom	-0.009	1850.792983	-0.008	1909.219985
T-20°CVnom	-0.008	1850.792986	-0.008	1909.219984
T-30°CVnom	-0.006	1850.792988	-0.007	1909.219987
Limit		>1850MHz		<1910MHz

Band 2_LTE_20MHz_Nss1_1TX				
Temperature (°C)	1860MHz		1900MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.008	1851.059985	-0.008	1908.953984
T20°CVmin	-0.007	1851.059987	-0.009	1908.953982
T50°CVnom	-0.009	1851.059984	-0.010	1908.953981
T40°CVnom	-0.008	1851.059986	-0.009	1908.953983
T30°CVnom	-0.009	1851.059983	-0.008	1908.953985
T20°CVnom	-0.008	1851.059985	-0.006	1908.953988
T10°CVnom	-0.007	1851.059987	-0.007	1908.953987
T0°CVnom	-0.006	1851.059989	-0.008	1908.953984
T-10°CVnom	-0.006	1851.059988	-0.006	1908.953988
T-20°CVnom	-0.005	1851.059991	-0.006	1908.953989
T-30°CVnom	-0.003	1851.059995	-0.005	1908.953991
Limit		>1850MHz		<1910MHz