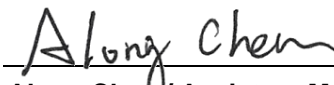


FCC Test Report

FCC ID : 2AIHD1041
Equipment : HW-IG41
Model No. : 010-1041
Brand Name : Samsara
Applicant : Samsara Networks Inc.
Address : 1990 Alameda Street, San Francisco, CA
94103, United States
Standard : 47 CFR FCC Part 24 Subpart E
Received Date : Sep. 01, 2020
Tested Date : Sep. 15 ~ Sep. 30, 2020

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

Reviewed by:


Along Chen / Assistant Manager

Approved by:


Gary Chang / Manager



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Release Record

Report No.	Version	Description	Issued Date
FG090103P24	Rev. 01	Initial issue	Oct. 20, 2020

Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 24.232(c)	Equivalent Isotropically Radiated Power	Power[dBm]: 30.99	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	LTE Band 2: Channel Bandwidth: 1.4MHz: 1850.7~1909.3 MHz Channel Bandwidth: 3MHz: 1851.5 MHz ~ 1908.5 MHz Channel Bandwidth: 5MHz: 1852.5 MHz ~ 1907.5 MHz Channel Bandwidth: 10MHz: 1855 MHz ~ 1905 MHz Channel Bandwidth: 15MHz: 1857.5 MHz ~ 1902.5 MHz Channel Bandwidth: 20MHz: 1860 MHz ~ 1900 MHz
Modulation	QPSK, 16QAM (Uplink)
UE Category	Cat. 4
Release Version	9

1.1.2 Antenna Details

Ant. No.	Model	Type	Connector	Ant. gain with cable loss (dBi)	Ant. gain (dBi)	Cable loss (dB)
1	Individual antenna (OA-DB-02-01-04-SE)	Dipole	SMA PLUG	2.5	2.5	-
2	LTE Directional (DA-LTEM-0712-CJ-SA)	Array	N Jack	8.13	10	1.87
3	Array antenna (OS-PENTA-014-01-SA)	PIFA	SMA PLUG	3.75	5.6	1.85

Note: The antenna assembly includes Array antenna, Directional antenna and Individual antenna.

1.1.3 Power Supply Type of Equipment under Test (EUT)

Supply Voltage	24Vdc from DC power		
Operational Voltage	<input checked="" type="checkbox"/> Vnom (24 Vdc)	<input checked="" type="checkbox"/> Vmax (28 Vdc)	<input checked="" type="checkbox"/> Vmin (10 Vdc)
Operational Climatic	<input checked="" type="checkbox"/> Tnom (20°C)	<input checked="" type="checkbox"/> Tmax (70°C)	<input checked="" type="checkbox"/> Tmin (-40°C)

Note: The above power supply is not bundled in market.

1.1.4 Accessories

N/A

1.1.5 Maximum EIRP and Emission Designator

Mode	Modulation	Maximum EIRP (W)	Emission Designator
LTE Band 2, CB: 1.4MHz	QPSK	1.119	1M08G7D
LTE Band 2, CB: 1.4MHz	16QAM	0.887	1M08W7D
LTE Band 2, CB: 3MHz	QPSK	1.146	2M68G7D
LTE Band 2, CB: 3MHz	16QAM	0.859	2M68W7D
LTE Band 2, CB: 5MHz	QPSK	1.153	4M47G7D
LTE Band 2, CB: 5MHz	16QAM	0.881	4M47W7D
LTE Band 2, CB: 10MHz	QPSK	1.200	8M92G7D
LTE Band 2, CB: 10MHz	16QAM	0.879	8M91W7D
LTE Band 2, CB: 15MHz	QPSK	1.256	13M4G7D
LTE Band 2, CB: 15MHz	16QAM	0.910	13M4W7D
LTE Band 2, CB: 20MHz	QPSK	1.135	17M9G7D
LTE Band 2, CB: 20MHz	16QAM	0.822	17M8W7D

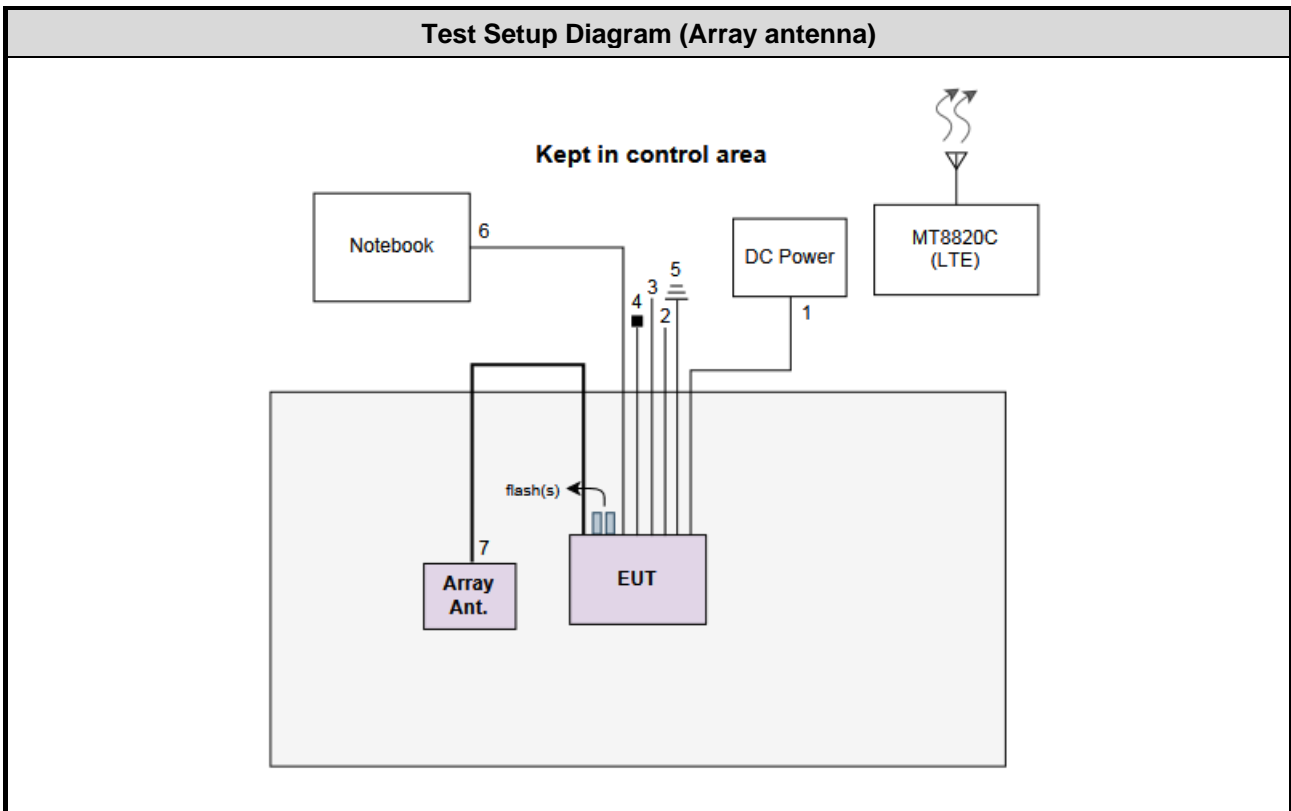
1.1.6 Operating Channel List

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

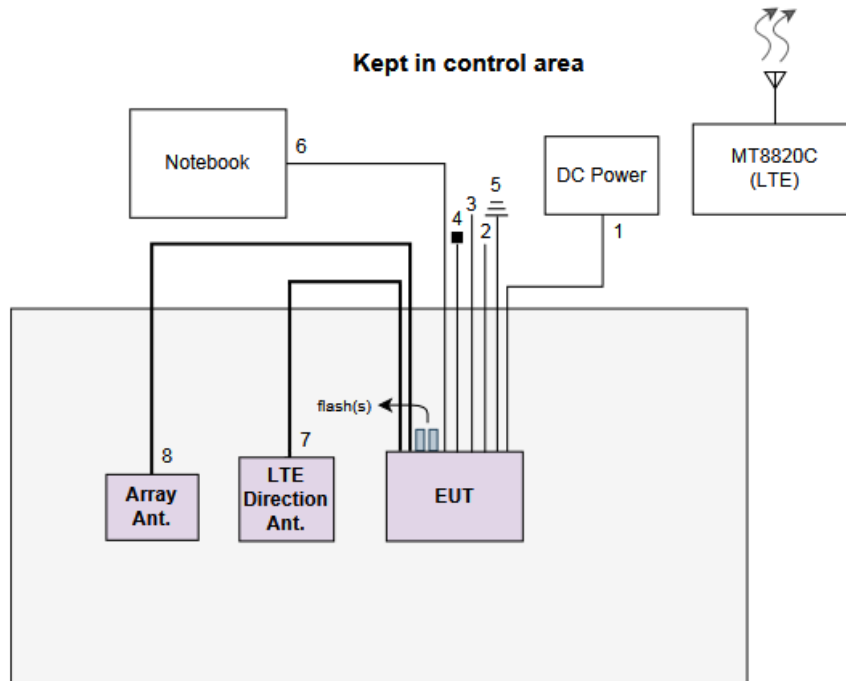
Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Notebook	DELL	Latitude E5400	DoC	---
2	USB Flash	Kingston	DTSE9	---	---
3	USB Flash	Kingston	DTSE9	---	---
4	RJ45 Load	ICC	---	---	---
5	DC power	MEAN WELL	SDR-75-24	---	Provided by applicant.

1.3 Test Setup Chart



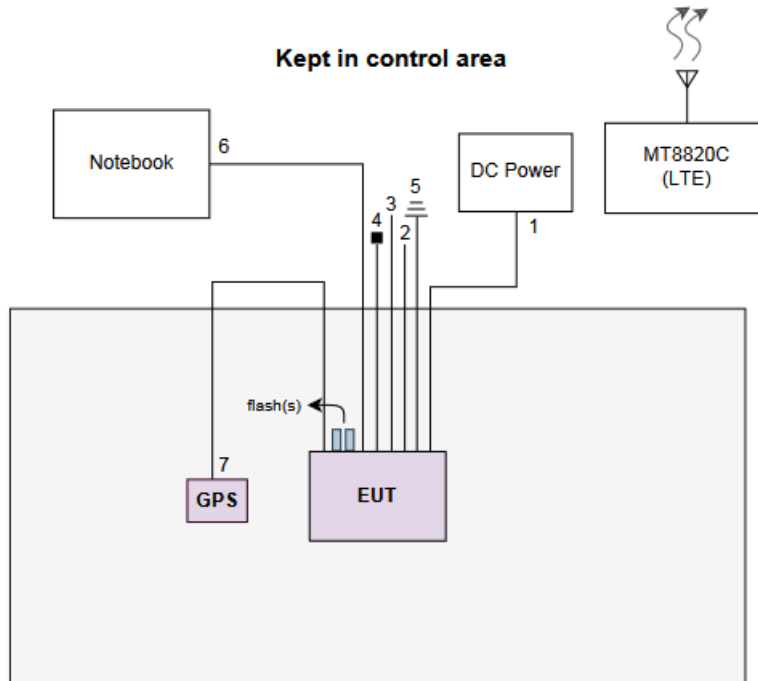
No.	Signal cable / Length (m)
1	DC cable, 10m(x2) non-shielded.
2	Data cable, 1.55m, unterminated. (Provided by applicant.)
3	Console cable, 1.75m shielded, unterminated. (Provided by applicant.)
4	RJ45, 1.3m non-shielded with load.
5	Ground cable, 2.3m non-shielded.
6	RJ45, 10m non-shielded.
7	RF cable, 1.5m(x5) shielded.

Test Setup Diagram (Directional antenna)



No.	Signal cable / Length (m)
1	DC cable, 10m(x2) non-shielded.
2	Data cable, 1.55m, unterminated. (Provided by applicant.)
3	Console cable, 1.75m shielded, unterminated. (Provided by applicant.)
4	RJ45, 1.3m non-shielded with load.
5	Ground cable, 2.3m non-shielded.
6	RJ45, 10m non-shielded.
7	RF cable, 7.5m(x2) shielded.
8	RF cable, 1.5m(x5) shielded.

Test Setup Diagram (Individual antenna)



No.	Signal cable / Length (m)
1	DC cable, 10m(x2) non-shielded.
2	Data cable, 1.55m, unterminated. (Provided by applicant.)
3	Console cable, 1.75m shielded, unterminated. (Provided by applicant.)
4	RJ45, 1.3m non-shielded with load.
5	Ground cable, 2.3m non-shielded.
6	RJ45, 10m non-shielded.
7	RF cable, 1.5m shielded.

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber 3 / (03CH03-WS)				
Tested Date	Sep. 16 ~ Sep. 26, 2020				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101499	Jan. 09, 2020	Jan. 08, 2021
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	May 06, 2020	May 05, 2021
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Apr. 29, 2020	Apr. 28, 2021
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 27, 2019	Dec. 26, 2020
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 15, 2019	Nov. 14, 2020
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2019	Nov. 12, 2020
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980187	Aug. 05, 2020	Aug. 04, 2021
Preamplifier	Agilent	83017A	MY39501309	Sep. 02, 2020	Sep. 01, 2021
Preamplifier	EMC	EMC184045B	980192	Jul. 21, 2020	Jul. 20, 2021
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 27, 2019	Sep. 26, 2020
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 27, 2019	Sep. 26, 2020
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Sep. 27, 2019	Sep. 26, 2020
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 27, 2019	Sep. 26, 2020
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 27, 2019	Sep. 26, 2020
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 27, 2019	Sep. 26, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA

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

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Sep. 15 ~ Sep. 30, 2020				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101063	Apr. 30, 2020	Apr. 29, 2021
Spectrum Analyzer	R&S	FSV40	101499	Jan. 09, 2020	Jan. 08, 2021
Power Meter	Anritsu	ML2495A	1241002	Oct. 23, 2019	Oct. 22, 2020
Power Sensor	Anritsu	MA2411B	1207366	Oct. 23, 2019	Oct. 22, 2020
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Dec. 12, 2019	Dec. 11, 2020
Measurement Software	ICC	SENSE-FCC_2G-4G	V5.10.5	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	$\pm 1 \times 10^{-9}$
Conducted emission	± 2.715 dB
Radiated emission ≤ 1 GHz	± 3.96 dB
Radiated emission > 1 GHz	± 4.51 dB
Temperature	± 0.4 °C

2 Test Configuration

2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH03-WS	23-25°C / 65-66%	Roger Lu / Brad Wu
RF Conducted	TH01-WS	22-26°C / 62-68%	Aska Huang

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807A
- CAB identifier: TW2732

2.2 Testing Facility

Test Laboratory	International Certification Corp.
Test Site	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.
Test Site	03CH03-WS
Address of Test Site	No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.

2.3 The Worst Test Modes and Channel Details

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

NOTE:

1. The antenna assembly includes Array antenna, Directional antenna and Individual antenna.
 - Individual antenna without antenna cable.
 - Array antenna with antenna cable and need to be assessed with 3 orientations placed on the table for the radiated emission measurement– X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
 - Directional antenna with antenna cable.
2. Test configurations are listed as below:
 - 1) Configuration 1: Array antenna with antenna cable, Z-plane
 - 2) Configuration 2: Directional antenna with antenna cable
 - 3) Configuration 3: Individual antenna

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).

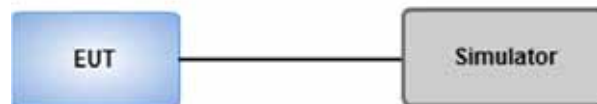
L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

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

Conducted Power Measurement



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

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 2	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.36	0.172	30.49	1.11944
LTE_1.4MHz_Nss1,16QAM_1TX	21.35	0.136	29.48	0.88716
LTE_3MHz_Nss1,QPSK_1TX	22.46	0.176	30.59	1.14551
LTE_3MHz_Nss1,16QAM_1TX	21.21	0.132	29.34	0.85901
LTE_5MHz_Nss1,QPSK_1TX	22.49	0.177	30.62	1.15345
LTE_5MHz_Nss1,16QAM_1TX	21.32	0.136	29.45	0.88105
LTE_10MHz_Nss1,QPSK_1TX	22.66	0.185	30.79	1.19950
LTE_10MHz_Nss1,16QAM_1TX	21.31	0.135	29.44	0.87902
LTE_15MHz_Nss1,QPSK_1TX	22.86	0.193	30.99	1.25603
LTE_15MHz_Nss1,16QAM_1TX	21.46	0.140	29.59	0.90991
LTE_20MHz_Nss1,QPSK_1TX	22.42	0.175	30.55	1.13501
LTE_20MHz_Nss1,16QAM_1TX	21.02	0.126	29.15	0.82224

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	8.13	30.15	1.03514	2	22.02	0.159	Inf	22.02
1850.7MHz_QPSK_RB 1,#RB 3	Pass	8.13	30.21	1.04954	2	22.08	0.161	Inf	22.08
1850.7MHz_QPSK_RB 1,#RB 5	Pass	8.13	30.10	1.02329	2	21.97	0.157	Inf	21.97
1850.7MHz_QPSK_RB 3,#RB 0	Pass	8.13	30.09	1.02094	2	21.96	0.157	Inf	21.96
1850.7MHz_QPSK_RB 3,#RB 1	Pass	8.13	30.10	1.02329	2	21.97	0.157	Inf	21.97
1850.7MHz_QPSK_RB 3,#RB 3	Pass	8.13	30.01	1.00231	2	21.88	0.154	Inf	21.88
1850.7MHz_QPSK_RB 6,#RB 0	Pass	8.13	29.00	0.79433	2	20.87	0.122	Inf	20.87
1880MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.08	1.01859	2	21.95	0.157	Inf	21.95
1880MHz_QPSK_RB 1,#RB 3	Pass	8.13	30.27	1.06414	2	22.14	0.164	Inf	22.14
1880MHz_QPSK_RB 1,#RB 5	Pass	8.13	30.17	1.03992	2	22.04	0.160	Inf	22.04
1880MHz_QPSK_RB 3,#RB 0	Pass	8.13	30.08	1.01859	2	21.95	0.157	Inf	21.95
1880MHz_QPSK_RB 3,#RB 1	Pass	8.13	30.12	1.02802	2	21.99	0.158	Inf	21.99
1880MHz_QPSK_RB 3,#RB 3	Pass	8.13	30.08	1.01859	2	21.95	0.157	Inf	21.95
1880MHz_QPSK_RB 6,#RB 0	Pass	8.13	29.01	0.79616	2	20.88	0.122	Inf	20.88
1909.3MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.44	1.10662	2	22.31	0.170	Inf	22.31
1909.3MHz_QPSK_RB 1,#RB 3	Pass	8.13	30.49	1.11944	2	22.36	0.172	Inf	22.36
1909.3MHz_QPSK_RB 1,#RB 5	Pass	8.13	30.45	1.10917	2	22.32	0.171	Inf	22.32
1909.3MHz_QPSK_RB 3,#RB 0	Pass	8.13	30.42	1.10154	2	22.29	0.169	Inf	22.29
1909.3MHz_QPSK_RB 3,#RB 1	Pass	8.13	30.44	1.10662	2	22.31	0.170	Inf	22.31
1909.3MHz_QPSK_RB 3,#RB 3	Pass	8.13	30.33	1.07895	2	22.20	0.166	Inf	22.2
1909.3MHz_QPSK_RB 6,#RB 0	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12
1850.7MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.08	0.80910	2	20.95	0.124	Inf	20.95
1850.7MHz_16QAM_RB 1,#RB 3	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1850.7MHz_16QAM_RB 1,#RB 5	Pass	8.13	29.05	0.80353	2	20.92	0.124	Inf	20.92
1850.7MHz_16QAM_RB 3,#RB 0	Pass	8.13	29.14	0.82035	2	21.01	0.126	Inf	21.01
1850.7MHz_16QAM_RB 3,#RB 1	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02
1850.7MHz_16QAM_RB 3,#RB 3	Pass	8.13	29.04	0.80168	2	20.91	0.123	Inf	20.91
1850.7MHz_16QAM_RB 6,#RB 0	Pass	8.13	27.75	0.59566	2	19.62	0.092	Inf	19.62
1880MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.98	0.79068	2	20.85	0.122	Inf	20.85
1880MHz_16QAM_RB 1,#RB 3	Pass	8.13	29.32	0.85507	2	21.19	0.132	Inf	21.19
1880MHz_16QAM_RB 1,#RB 5	Pass	8.13	29.29	0.84918	2	21.16	0.131	Inf	21.16
1880MHz_16QAM_RB 3,#RB 0	Pass	8.13	29.11	0.81470	2	20.98	0.125	Inf	20.98
1880MHz_16QAM_RB 3,#RB 1	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02
1880MHz_16QAM_RB 3,#RB 3	Pass	8.13	29.10	0.81283	2	20.97	0.125	Inf	20.97
1880MHz_16QAM_RB 6,#RB 0	Pass	8.13	28.01	0.63241	2	19.88	0.097	Inf	19.88
1909.3MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02

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	8.13	29.48	0.88716	2	21.35	0.136	Inf	21.35
1909.3MHz_16QAM_RB 1,#RB 5	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12
1909.3MHz_16QAM_RB 3,#RB 0	Pass	8.13	29.39	0.86896	2	21.26	0.134	Inf	21.26
1909.3MHz_16QAM_RB 3,#RB 1	Pass	8.13	29.35	0.86099	2	21.22	0.132	Inf	21.22
1909.3MHz_16QAM_RB 3,#RB 3	Pass	8.13	29.32	0.85507	2	21.19	0.132	Inf	21.19
1909.3MHz_16QAM_RB 6,#RB 0	Pass	8.13	28.45	0.69984	2	20.32	0.108	Inf	20.32
Band 2_LTE_3MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1851.5MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.22	1.05196	2	22.09	0.162	Inf	22.09
1851.5MHz_QPSK_RB 1,#RB 8	Pass	8.13	30.24	1.05682	2	22.11	0.163	Inf	22.11
1851.5MHz_QPSK_RB 1,#RB 14	Pass	8.13	30.17	1.03992	2	22.04	0.160	Inf	22.04
1851.5MHz_QPSK_RB 8,#RB 0	Pass	8.13	29.34	0.85901	2	21.21	0.132	Inf	21.21
1851.5MHz_QPSK_RB 8,#RB 4	Pass	8.13	29.18	0.82794	2	21.05	0.127	Inf	21.05
1851.5MHz_QPSK_RB 8,#RB 7	Pass	8.13	29.22	0.83560	2	21.09	0.129	Inf	21.09
1851.5MHz_QPSK_RB 15,#RB 0	Pass	8.13	29.10	0.81283	2	20.97	0.125	Inf	20.97
1880MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.18	1.04232	2	22.05	0.160	Inf	22.05
1880MHz_QPSK_RB 1,#RB 8	Pass	8.13	30.38	1.09144	2	22.25	0.168	Inf	22.25
1880MHz_QPSK_RB 1,#RB 14	Pass	8.13	30.30	1.07152	2	22.17	0.165	Inf	22.17
1880MHz_QPSK_RB 8,#RB 0	Pass	8.13	29.24	0.83946	2	21.11	0.129	Inf	21.11
1880MHz_QPSK_RB 8,#RB 4	Pass	8.13	29.22	0.83560	2	21.09	0.129	Inf	21.09
1880MHz_QPSK_RB 8,#RB 7	Pass	8.13	29.24	0.83946	2	21.11	0.129	Inf	21.11
1880MHz_QPSK_RB 15,#RB 0	Pass	8.13	29.17	0.82604	2	21.04	0.127	Inf	21.04
1908.5MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.49	1.11944	2	22.36	0.172	Inf	22.36
1908.5MHz_QPSK_RB 1,#RB 8	Pass	8.13	30.59	1.14551	2	22.46	0.176	Inf	22.46
1908.5MHz_QPSK_RB 1,#RB 14	Pass	8.13	30.44	1.10662	2	22.31	0.170	Inf	22.31
1908.5MHz_QPSK_RB 8,#RB 0	Pass	8.13	29.50	0.89125	2	21.37	0.137	Inf	21.37
1908.5MHz_QPSK_RB 8,#RB 4	Pass	8.13	29.42	0.87498	2	21.29	0.135	Inf	21.29
1908.5MHz_QPSK_RB 8,#RB 7	Pass	8.13	29.40	0.87096	2	21.27	0.134	Inf	21.27
1908.5MHz_QPSK_RB 15,#RB 0	Pass	8.13	29.39	0.86896	2	21.26	0.134	Inf	21.26
1851.5MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.88	0.77268	2	20.75	0.119	Inf	20.75
1851.5MHz_16QAM_RB 1,#RB 8	Pass	8.13	28.94	0.78343	2	20.81	0.121	Inf	20.81
1851.5MHz_16QAM_RB 1,#RB 14	Pass	8.13	28.86	0.76913	2	20.73	0.118	Inf	20.73
1851.5MHz_16QAM_RB 8,#RB 0	Pass	8.13	28.14	0.65163	2	20.01	0.100	Inf	20.01
1851.5MHz_16QAM_RB 8,#RB 4	Pass	8.13	28.23	0.66527	2	20.10	0.102	Inf	20.1
1851.5MHz_16QAM_RB 8,#RB 7	Pass	8.13	28.38	0.68865	2	20.25	0.106	Inf	20.25
1851.5MHz_16QAM_RB 15,#RB 0	Pass	8.13	28.09	0.64417	2	19.96	0.099	Inf	19.96
1880MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.23	0.83753	2	21.10	0.129	Inf	21.1
1880MHz_16QAM_RB 1,#RB 8	Pass	8.13	29.28	0.84723	2	21.15	0.130	Inf	21.15
1880MHz_16QAM_RB 1,#RB 14	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12

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	8.13	28.17	0.65615	2	20.04	0.101	Inf	20.04
1880MHz_16QAM_RB 8,#RB 4	Pass	8.13	28.26	0.66988	2	20.13	0.103	Inf	20.13
1880MHz_16QAM_RB 8,#RB 7	Pass	8.13	28.33	0.68077	2	20.20	0.105	Inf	20.2
1880MHz_16QAM_RB 15,#RB 0	Pass	8.13	27.99	0.62951	2	19.86	0.097	Inf	19.86
1908.5MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.34	0.85901	2	21.21	0.132	Inf	21.21
1908.5MHz_16QAM_RB 1,#RB 8	Pass	8.13	29.31	0.85310	2	21.18	0.131	Inf	21.18
1908.5MHz_16QAM_RB 1,#RB 14	Pass	8.13	29.28	0.84723	2	21.15	0.130	Inf	21.15
1908.5MHz_16QAM_RB 8,#RB 0	Pass	8.13	28.25	0.66834	2	20.12	0.103	Inf	20.12
1908.5MHz_16QAM_RB 8,#RB 4	Pass	8.13	28.20	0.66069	2	20.07	0.102	Inf	20.07
1908.5MHz_16QAM_RB 8,#RB 7	Pass	8.13	28.34	0.68234	2	20.21	0.105	Inf	20.21
1908.5MHz_16QAM_RB 15,#RB 0	Pass	8.13	28.14	0.65163	2	20.01	0.100	Inf	20.01
Band 2_LTE_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.5MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.05	1.01158	2	21.92	0.156	Inf	21.92
1852.5MHz_QPSK_RB 1,#RB 12	Pass	8.13	30.40	1.09648	2	22.27	0.169	Inf	22.27
1852.5MHz_QPSK_RB 1,#RB 24	Pass	8.13	30.38	1.09144	2	22.25	0.168	Inf	22.25
1852.5MHz_QPSK_RB 12,#RB 0	Pass	8.13	29.17	0.82604	2	21.04	0.127	Inf	21.04
1852.5MHz_QPSK_RB 12,#RB 7	Pass	8.13	29.08	0.80910	2	20.95	0.124	Inf	20.95
1852.5MHz_QPSK_RB 12,#RB 13	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1852.5MHz_QPSK_RB 25,#RB 0	Pass	8.13	29.06	0.80538	2	20.93	0.124	Inf	20.93
1880MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.29	1.06905	2	22.16	0.164	Inf	22.16
1880MHz_QPSK_RB 1,#RB 12	Pass	8.13	30.38	1.09144	2	22.25	0.168	Inf	22.25
1880MHz_QPSK_RB 1,#RB 24	Pass	8.13	30.24	1.05682	2	22.11	0.163	Inf	22.11
1880MHz_QPSK_RB 12,#RB 0	Pass	8.13	29.26	0.84333	2	21.13	0.130	Inf	21.13
1880MHz_QPSK_RB 12,#RB 7	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1880MHz_QPSK_RB 12,#RB 13	Pass	8.13	29.14	0.82035	2	21.01	0.126	Inf	21.01
1880MHz_QPSK_RB 25,#RB 0	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1907.5MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.35	1.08393	2	22.22	0.167	Inf	22.22
1907.5MHz_QPSK_RB 1,#RB 12	Pass	8.13	30.62	1.15345	2	22.49	0.177	Inf	22.49
1907.5MHz_QPSK_RB 1,#RB 24	Pass	8.13	30.51	1.12460	2	22.38	0.173	Inf	22.38
1907.5MHz_QPSK_RB 12,#RB 0	Pass	8.13	29.39	0.86896	2	21.26	0.134	Inf	21.26
1907.5MHz_QPSK_RB 12,#RB 7	Pass	8.13	29.35	0.86099	2	21.22	0.132	Inf	21.22
1907.5MHz_QPSK_RB 12,#RB 13	Pass	8.13	29.33	0.85704	2	21.20	0.132	Inf	21.2
1907.5MHz_QPSK_RB 25,#RB 0	Pass	8.13	29.41	0.87297	2	21.28	0.134	Inf	21.28
1852.5MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.96	0.78705	2	20.83	0.121	Inf	20.83
1852.5MHz_16QAM_RB 1,#RB 12	Pass	8.13	29.09	0.81096	2	20.96	0.125	Inf	20.96
1852.5MHz_16QAM_RB 1,#RB 24	Pass	8.13	28.89	0.77446	2	20.76	0.119	Inf	20.76
1852.5MHz_16QAM_RB 12,#RB 0	Pass	8.13	28.08	0.64269	2	19.95	0.099	Inf	19.95
1852.5MHz_16QAM_RB 12,#RB 7	Pass	8.13	28.06	0.63973	2	19.93	0.098	Inf	19.93

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	8.13	28.15	0.65313	2	20.02	0.100	Inf	20.02
1852.5MHz_16QAM_RB 25,#RB 0	Pass	8.13	28.06	0.63973	2	19.93	0.098	Inf	19.93
1880MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.18	0.82794	2	21.05	0.127	Inf	21.05
1880MHz_16QAM_RB 1,#RB 12	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12
1880MHz_16QAM_RB 1,#RB 24	Pass	8.13	29.09	0.81096	2	20.96	0.125	Inf	20.96
1880MHz_16QAM_RB 12,#RB 0	Pass	8.13	28.31	0.67764	2	20.18	0.104	Inf	20.18
1880MHz_16QAM_RB 12,#RB 7	Pass	8.13	28.28	0.67298	2	20.15	0.104	Inf	20.15
1880MHz_16QAM_RB 12,#RB 13	Pass	8.13	28.27	0.67143	2	20.14	0.103	Inf	20.14
1880MHz_16QAM_RB 25,#RB 0	Pass	8.13	28.35	0.68391	2	20.22	0.105	Inf	20.22
1907.5MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.20	0.83176	2	21.07	0.128	Inf	21.07
1907.5MHz_16QAM_RB 1,#RB 12	Pass	8.13	29.45	0.88105	2	21.32	0.136	Inf	21.32
1907.5MHz_16QAM_RB 1,#RB 24	Pass	8.13	29.24	0.83946	2	21.11	0.129	Inf	21.11
1907.5MHz_16QAM_RB 12,#RB 0	Pass	8.13	28.15	0.65313	2	20.02	0.100	Inf	20.02
1907.5MHz_16QAM_RB 12,#RB 7	Pass	8.13	28.45	0.69984	2	20.32	0.108	Inf	20.32
1907.5MHz_16QAM_RB 12,#RB 13	Pass	8.13	28.39	0.69024	2	20.26	0.106	Inf	20.26
1907.5MHz_16QAM_RB 25,#RB 0	Pass	8.13	28.36	0.68549	2	20.23	0.105	Inf	20.23
Band 2_LTE_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1855MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.26	1.06170	2	22.13	0.163	Inf	22.13
1855MHz_QPSK_RB 1,#RB 25	Pass	8.13	30.78	1.19674	2	22.65	0.184	Inf	22.65
1855MHz_QPSK_RB 1,#RB 49	Pass	8.13	30.30	1.07152	2	22.17	0.165	Inf	22.17
1855MHz_QPSK_RB 25,#RB 0	Pass	8.13	29.26	0.84333	2	21.13	0.130	Inf	21.13
1855MHz_QPSK_RB 25,#RB 12	Pass	8.13	29.24	0.83946	2	21.11	0.129	Inf	21.11
1855MHz_QPSK_RB 25,#RB 25	Pass	8.13	29.22	0.83560	2	21.09	0.129	Inf	21.09
1855MHz_QPSK_RB 50,#RB 0	Pass	8.13	29.19	0.82985	2	21.06	0.128	Inf	21.06
1880MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.49	1.11944	2	22.36	0.172	Inf	22.36
1880MHz_QPSK_RB 1,#RB 25	Pass	8.13	30.64	1.15878	2	22.51	0.178	Inf	22.51
1880MHz_QPSK_RB 1,#RB 49	Pass	8.13	30.49	1.11944	2	22.36	0.172	Inf	22.36
1880MHz_QPSK_RB 25,#RB 0	Pass	8.13	29.28	0.84723	2	21.15	0.130	Inf	21.15
1880MHz_QPSK_RB 25,#RB 12	Pass	8.13	29.31	0.85310	2	21.18	0.131	Inf	21.18
1880MHz_QPSK_RB 25,#RB 25	Pass	8.13	29.20	0.83176	2	21.07	0.128	Inf	21.07
1880MHz_QPSK_RB 50,#RB 0	Pass	8.13	29.21	0.83368	2	21.08	0.128	Inf	21.08
1905MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.28	1.06660	2	22.15	0.164	Inf	22.15
1905MHz_QPSK_RB 1,#RB 25	Pass	8.13	30.79	1.19950	2	22.66	0.185	Inf	22.66
1905MHz_QPSK_RB 1,#RB 49	Pass	8.13	30.52	1.12720	2	22.39	0.173	Inf	22.39
1905MHz_QPSK_RB 25,#RB 0	Pass	8.13	29.19	0.82985	2	21.06	0.128	Inf	21.06
1905MHz_QPSK_RB 25,#RB 12	Pass	8.13	29.36	0.86298	2	21.23	0.133	Inf	21.23
1905MHz_QPSK_RB 25,#RB 25	Pass	8.13	29.30	0.85114	2	21.17	0.131	Inf	21.17
1905MHz_QPSK_RB 50,#RB 0	Pass	8.13	29.24	0.83946	2	21.11	0.129	Inf	21.11

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	8.13	29.09	0.81096	2	20.96	0.125	Inf	20.96
1855MHz_16QAM_RB 1,#RB 25	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12
1855MHz_16QAM_RB 1,#RB 49	Pass	8.13	29.05	0.80353	2	20.92	0.124	Inf	20.92
1855MHz_16QAM_RB 25,#RB 0	Pass	8.13	28.14	0.65163	2	20.01	0.100	Inf	20.01
1855MHz_16QAM_RB 25,#RB 12	Pass	8.13	28.16	0.65464	2	20.03	0.101	Inf	20.03
1855MHz_16QAM_RB 25,#RB 25	Pass	8.13	28.01	0.63241	2	19.88	0.097	Inf	19.88
1855MHz_16QAM_RB 50,#RB 0	Pass	8.13	28.09	0.64417	2	19.96	0.099	Inf	19.96
1880MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.27	0.84528	2	21.14	0.130	Inf	21.14
1880MHz_16QAM_RB 1,#RB 25	Pass	8.13	29.38	0.86696	2	21.25	0.133	Inf	21.25
1880MHz_16QAM_RB 1,#RB 49	Pass	8.13	29.04	0.80168	2	20.91	0.123	Inf	20.91
1880MHz_16QAM_RB 25,#RB 0	Pass	8.13	28.06	0.63973	2	19.93	0.098	Inf	19.93
1880MHz_16QAM_RB 25,#RB 12	Pass	8.13	28.15	0.65313	2	20.02	0.100	Inf	20.02
1880MHz_16QAM_RB 25,#RB 25	Pass	8.13	28.10	0.64565	2	19.97	0.099	Inf	19.97
1880MHz_16QAM_RB 50,#RB 0	Pass	8.13	28.03	0.63533	2	19.90	0.098	Inf	19.9
1905MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.09	0.81096	2	20.96	0.125	Inf	20.96
1905MHz_16QAM_RB 1,#RB 25	Pass	8.13	29.44	0.87902	2	21.31	0.135	Inf	21.31
1905MHz_16QAM_RB 1,#RB 49	Pass	8.13	29.08	0.80910	2	20.95	0.124	Inf	20.95
1905MHz_16QAM_RB 25,#RB 0	Pass	8.13	28.00	0.63096	2	19.87	0.097	Inf	19.87
1905MHz_16QAM_RB 25,#RB 12	Pass	8.13	28.26	0.66988	2	20.13	0.103	Inf	20.13
1905MHz_16QAM_RB 25,#RB 25	Pass	8.13	28.29	0.67453	2	20.16	0.104	Inf	20.16
1905MHz_16QAM_RB 50,#RB 0	Pass	8.13	28.18	0.65766	2	20.05	0.101	Inf	20.05
Band 2_LTE_15MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1857.5MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.25	1.05925	2	22.12	0.163	Inf	22.12
1857.5MHz_QPSK_RB 1,#RB 37	Pass	8.13	30.54	1.13240	2	22.41	0.174	Inf	22.41
1857.5MHz_QPSK_RB 1,#RB 74	Pass	8.13	30.28	1.06660	2	22.15	0.164	Inf	22.15
1857.5MHz_QPSK_RB 36,#RB 0	Pass	8.13	29.26	0.84333	2	21.13	0.130	Inf	21.13
1857.5MHz_QPSK_RB 36,#RB 20	Pass	8.13	29.21	0.83368	2	21.08	0.128	Inf	21.08
1857.5MHz_QPSK_RB 36,#RB 39	Pass	8.13	29.09	0.81096	2	20.96	0.125	Inf	20.96
1857.5MHz_QPSK_RB 75,#RB 0	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02
1880MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.26	1.06170	2	22.13	0.163	Inf	22.13
1880MHz_QPSK_RB 1,#RB 37	Pass	8.13	30.75	1.18850	2	22.62	0.183	Inf	22.62
1880MHz_QPSK_RB 1,#RB 74	Pass	8.13	30.26	1.06170	2	22.13	0.163	Inf	22.13
1880MHz_QPSK_RB 36,#RB 0	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1880MHz_QPSK_RB 36,#RB 20	Pass	8.13	29.18	0.82794	2	21.05	0.127	Inf	21.05
1880MHz_QPSK_RB 36,#RB 39	Pass	8.13	29.10	0.81283	2	20.97	0.125	Inf	20.97
1880MHz_QPSK_RB 75,#RB 0	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1902.5MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.35	1.08393	2	22.22	0.167	Inf	22.22
1902.5MHz_QPSK_RB 1,#RB 37	Pass	8.13	30.99	1.25603	2	22.86	0.193	Inf	22.86

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	8.13	30.51	1.12460	2	22.38	0.173	Inf	22.38
1902.5MHz_QPSK_RB 36,#RB 0	Pass	8.13	29.26	0.84333	2	21.13	0.130	Inf	21.13
1902.5MHz_QPSK_RB 36,#RB 20	Pass	8.13	29.12	0.81658	2	20.99	0.126	Inf	20.99
1902.5MHz_QPSK_RB 36,#RB 39	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02
1902.5MHz_QPSK_RB 75,#RB 0	Pass	8.13	29.18	0.82794	2	21.05	0.127	Inf	21.05
1857.5MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.01	0.79616	2	20.88	0.122	Inf	20.88
1857.5MHz_16QAM_RB 1,#RB 37	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12
1857.5MHz_16QAM_RB 1,#RB 74	Pass	8.13	28.89	0.77446	2	20.76	0.119	Inf	20.76
1857.5MHz_16QAM_RB 36,#RB 0	Pass	8.13	27.99	0.62951	2	19.86	0.097	Inf	19.86
1857.5MHz_16QAM_RB 36,#RB 20	Pass	8.13	28.04	0.63680	2	19.91	0.098	Inf	19.91
1857.5MHz_16QAM_RB 36,#RB 39	Pass	8.13	28.09	0.64417	2	19.96	0.099	Inf	19.96
1857.5MHz_16QAM_RB 75,#RB 0	Pass	8.13	28.01	0.63241	2	19.88	0.097	Inf	19.88
1880MHz_16QAM_RB 1,#RB 0	Pass	8.13	29.06	0.80538	2	20.93	0.124	Inf	20.93
1880MHz_16QAM_RB 1,#RB 37	Pass	8.13	29.59	0.90991	2	21.46	0.140	Inf	21.46
1880MHz_16QAM_RB 1,#RB 74	Pass	8.13	29.01	0.79616	2	20.88	0.122	Inf	20.88
1880MHz_16QAM_RB 36,#RB 0	Pass	8.13	28.12	0.64863	2	19.99	0.100	Inf	19.99
1880MHz_16QAM_RB 36,#RB 20	Pass	8.13	28.17	0.65615	2	20.04	0.101	Inf	20.04
1880MHz_16QAM_RB 36,#RB 39	Pass	8.13	27.96	0.62517	2	19.83	0.096	Inf	19.83
1880MHz_16QAM_RB 75,#RB 0	Pass	8.13	28.05	0.63826	2	19.92	0.098	Inf	19.92
1902.5MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.99	0.79250	2	20.86	0.122	Inf	20.86
1902.5MHz_16QAM_RB 1,#RB 37	Pass	8.13	29.45	0.88105	2	21.32	0.136	Inf	21.32
1902.5MHz_16QAM_RB 1,#RB 74	Pass	8.13	29.08	0.80910	2	20.95	0.124	Inf	20.95
1902.5MHz_16QAM_RB 36,#RB 0	Pass	8.13	28.05	0.63826	2	19.92	0.098	Inf	19.92
1902.5MHz_16QAM_RB 36,#RB 20	Pass	8.13	28.12	0.64863	2	19.99	0.100	Inf	19.99
1902.5MHz_16QAM_RB 36,#RB 39	Pass	8.13	27.99	0.62951	2	19.86	0.097	Inf	19.86
1902.5MHz_16QAM_RB 75,#RB 0	Pass	8.13	28.16	0.65464	2	20.03	0.101	Inf	20.03
Band 2_LTE_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1860MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.11	1.02565	2	21.98	0.158	Inf	21.98
1860MHz_QPSK_RB 1,#RB 49	Pass	8.13	30.45	1.10917	2	22.32	0.171	Inf	22.32
1860MHz_QPSK_RB 1,#RB 99	Pass	8.13	29.85	0.96605	2	21.72	0.149	Inf	21.72
1860MHz_QPSK_RB 50,#RB 0	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02
1860MHz_QPSK_RB 50,#RB 24	Pass	8.13	29.16	0.82414	2	21.03	0.127	Inf	21.03
1860MHz_QPSK_RB 50,#RB 50	Pass	8.13	29.12	0.81658	2	20.99	0.126	Inf	20.99
1860MHz_QPSK_RB 100,#RB 0	Pass	8.13	29.08	0.80910	2	20.95	0.124	Inf	20.95
1880MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.09	1.02094	2	21.96	0.157	Inf	21.96
1880MHz_QPSK_RB 1,#RB 49	Pass	8.13	30.52	1.12720	2	22.39	0.173	Inf	22.39
1880MHz_QPSK_RB 1,#RB 99	Pass	8.13	30.15	1.03514	2	22.02	0.159	Inf	22.02
1880MHz_QPSK_RB 50,#RB 0	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02

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	8.13	29.14	0.82035	2	21.01	0.126	Inf	21.01
1880MHz_QPSK_RB 50,#RB 50	Pass	8.13	29.01	0.79616	2	20.88	0.122	Inf	20.88
1880MHz_QPSK_RB 100,#RB 0	Pass	8.13	29.05	0.80353	2	20.92	0.124	Inf	20.92
1900MHz_QPSK_RB 1,#RB 0	Pass	8.13	30.35	1.08393	2	22.22	0.167	Inf	22.22
1900MHz_QPSK_RB 1,#RB 49	Pass	8.13	30.55	1.13501	2	22.42	0.175	Inf	22.42
1900MHz_QPSK_RB 1,#RB 99	Pass	8.13	30.31	1.07399	2	22.18	0.165	Inf	22.18
1900MHz_QPSK_RB 50,#RB 0	Pass	8.13	29.17	0.82604	2	21.04	0.127	Inf	21.04
1900MHz_QPSK_RB 50,#RB 24	Pass	8.13	29.20	0.83176	2	21.07	0.128	Inf	21.07
1900MHz_QPSK_RB 50,#RB 50	Pass	8.13	29.25	0.84140	2	21.12	0.129	Inf	21.12
1900MHz_QPSK_RB 100,#RB 0	Pass	8.13	29.06	0.80538	2	20.93	0.124	Inf	20.93
1860MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.92	0.77983	2	20.79	0.120	Inf	20.79
1860MHz_16QAM_RB 1,#RB 49	Pass	8.13	28.95	0.78524	2	20.82	0.121	Inf	20.82
1860MHz_16QAM_RB 1,#RB 99	Pass	8.13	28.75	0.74989	2	20.62	0.115	Inf	20.62
1860MHz_16QAM_RB 50,#RB 0	Pass	8.13	28.00	0.63096	2	19.87	0.097	Inf	19.87
1860MHz_16QAM_RB 50,#RB 24	Pass	8.13	28.04	0.63680	2	19.91	0.098	Inf	19.91
1860MHz_16QAM_RB 50,#RB 50	Pass	8.13	28.02	0.63387	2	19.89	0.097	Inf	19.89
1860MHz_16QAM_RB 100,#RB 0	Pass	8.13	28.04	0.63680	2	19.91	0.098	Inf	19.91
1880MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.76	0.75162	2	20.63	0.116	Inf	20.63
1880MHz_16QAM_RB 1,#RB 49	Pass	8.13	29.11	0.81470	2	20.98	0.125	Inf	20.98
1880MHz_16QAM_RB 1,#RB 99	Pass	8.13	28.85	0.76736	2	20.72	0.118	Inf	20.72
1880MHz_16QAM_RB 50,#RB 0	Pass	8.13	28.05	0.63826	2	19.92	0.098	Inf	19.92
1880MHz_16QAM_RB 50,#RB 24	Pass	8.13	28.10	0.64565	2	19.97	0.099	Inf	19.97
1880MHz_16QAM_RB 50,#RB 50	Pass	8.13	27.91	0.61802	2	19.78	0.095	Inf	19.78
1880MHz_16QAM_RB 100,#RB 0	Pass	8.13	27.98	0.62806	2	19.85	0.097	Inf	19.85
1900MHz_16QAM_RB 1,#RB 0	Pass	8.13	28.89	0.77446	2	20.76	0.119	Inf	20.76
1900MHz_16QAM_RB 1,#RB 49	Pass	8.13	29.15	0.82224	2	21.02	0.126	Inf	21.02
1900MHz_16QAM_RB 1,#RB 99	Pass	8.13	29.04	0.80168	2	20.91	0.123	Inf	20.91
1900MHz_16QAM_RB 50,#RB 0	Pass	8.13	28.16	0.65464	2	20.03	0.101	Inf	20.03
1900MHz_16QAM_RB 50,#RB 24	Pass	8.13	28.08	0.64269	2	19.95	0.099	Inf	19.95
1900MHz_16QAM_RB 50,#RB 50	Pass	8.13	28.04	0.63680	2	19.91	0.098	Inf	19.91
1900MHz_16QAM_RB 100,#RB 0	Pass	8.13	28.01	0.63241	2	19.88	0.097	Inf	19.88

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

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

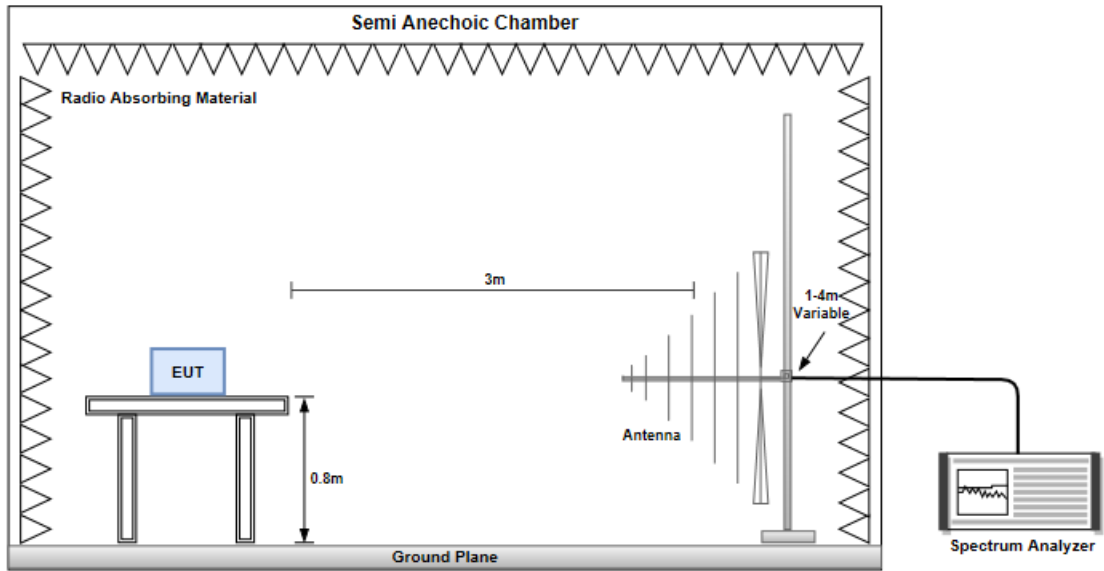
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB equal to -13dBm.

3.2.2 Test Procedures

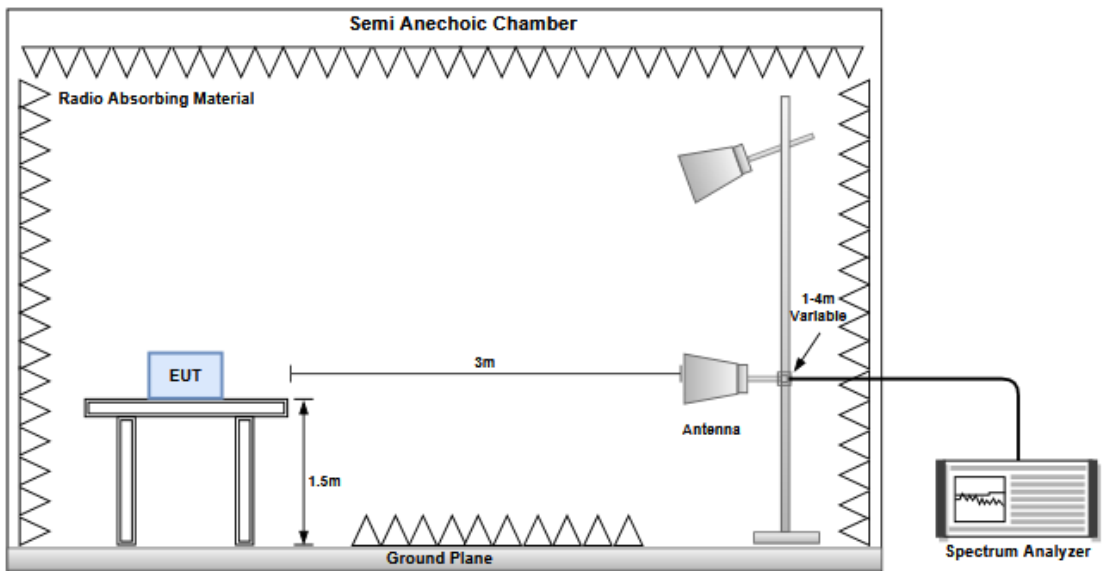
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. 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 = output power of step 4 + gain of substitution antenna – cable loss of RF cable.

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



Configuration 1: Array antenna with antenna cable, Z-plane

3.2.4 Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 2, CB:1.4 MHz, 1 RB, Offset 3, Channel: 19193						
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.75	H	-61.55	-13.00	-48.55	-56.18	-59.05	-2.50
224.00	H	-57.94	-13.00	-44.94	-53.70	-55.94	-2.00
249.22	H	-59.89	-13.00	-46.89	-56.87	-58.39	-1.50
299.66	H	-55.22	-13.00	-42.22	-53.99	-53.76	-1.46
324.88	H	-60.96	-13.00	-47.96	-61.11	-59.56	-1.40
349.13	H	-55.66	-13.00	-42.66	-57.15	-54.33	-1.33
199.75	V	-59.74	-13.00	-46.74	-59.72	-57.24	-2.50
224.00	V	-55.08	-13.00	-42.08	-56.15	-53.08	-2.00
249.22	V	-55.47	-13.00	-42.47	-57.70	-53.97	-1.50
299.66	V	-58.61	-13.00	-45.61	-60.59	-57.15	-1.46
349.13	V	-58.30	-13.00	-45.30	-60.31	-56.97	-1.33
600.36	V	-54.04	-13.00	-41.04	-62.54	-52.16	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 2, CB:3 MHz, 1 RB, Offset 8, Channel: 19185						
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
200.45	H	-61.08	-13.00	-48.08	-55.69	-58.61	-2.47
225.37	H	-58.65	-13.00	-45.65	-54.47	-56.68	-1.97
249.31	H	-59.45	-13.00	-46.45	-56.44	-57.96	-1.49
299.58	H	-54.69	-13.00	-41.69	-53.46	-53.23	-1.46
324.91	H	-60.28	-13.00	-47.28	-60.44	-58.88	-1.40
349.27	H	-55.24	-13.00	-42.24	-56.74	-53.91	-1.33
199.28	V	-59.31	-13.00	-46.31	-59.32	-56.76	-2.55
225.36	V	-54.26	-13.00	-41.26	-55.40	-52.29	-1.97
249.58	V	-55.39	-13.00	-42.39	-57.64	-53.90	-1.49
299.24	V	-58.77	-13.00	-45.77	-60.75	-57.31	-1.46
349.28	V	-58.96	-13.00	-45.96	-60.97	-57.63	-1.33
600.44	V	-53.25	-13.00	-40.25	-61.75	-51.37	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:5 MHz, 1 RB, Offset 12, Channel: 19175							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
200.48	H	-61.05	-13.00	-48.05	-55.66	-58.58	-2.47
224.59	H	-57.82	-13.00	-44.82	-53.61	-55.83	-1.99
249.33	H	-59.24	-13.00	-46.24	-56.23	-57.75	-1.49
299.75	H	-54.63	-13.00	-41.63	-53.40	-53.17	-1.46
324.28	H	-60.21	-13.00	-47.21	-60.33	-58.81	-1.40
350.25	H	-55.17	-13.00	-42.17	-56.72	-53.84	-1.33
200.26	V	-59.15	-13.00	-46.15	-59.13	-56.68	-2.47
224.65	V	-54.27	-13.00	-41.27	-55.37	-52.28	-1.99
250.36	V	-54.98	-13.00	-41.98	-57.26	-53.50	-1.48
300.15	V	-57.69	-13.00	-44.69	-59.67	-56.23	-1.46
349.44	V	-59.21	-13.00	-46.21	-61.22	-57.88	-1.33
600.75	V	-53.45	-13.00	-40.45	-61.95	-51.57	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:10 MHz, 1 RB, Offset 25, Channel: 19150							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.96	H	-62.43	-13.00	-49.43	-57.03	-59.95	-2.48
225.56	H	-56.81	-13.00	-43.81	-52.64	-54.84	-1.97
249.39	H	-58.45	-13.00	-45.45	-55.44	-56.96	-1.49
299.33	H	-54.61	-13.00	-41.61	-53.37	-53.15	-1.46
325.84	H	-59.78	-13.00	-46.78	-59.99	-58.39	-1.39
349.76	H	-54.25	-13.00	-41.25	-55.78	-52.92	-1.33
199.18	V	-59.11	-13.00	-46.11	-59.13	-56.55	-2.56
224.88	V	-54.36	-13.00	-41.36	-55.47	-52.38	-1.98
249.41	V	-55.29	-13.00	-42.29	-57.53	-53.80	-1.49
299.59	V	-57.45	-13.00	-44.45	-59.43	-55.99	-1.46
350.74	V	-58.96	-13.00	-45.96	-60.99	-57.63	-1.33
600.31	V	-54.51	-13.00	-41.51	-63.01	-52.63	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:15 MHz, 1 RB, Offset 37, Channel: 19125							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
200.17	H	-61.06	-13.00	-48.06	-55.66	-58.58	-2.48
224.35	H	-57.24	-13.00	-44.24	-53.01	-55.25	-1.99
250.37	H	-59.59	-13.00	-46.59	-56.63	-58.11	-1.48
299.31	H	-55.04	-13.00	-42.04	-53.80	-53.58	-1.46
325.19	H	-60.58	-13.00	-47.58	-60.75	-59.19	-1.39
349.44	H	-54.86	-13.00	-41.86	-56.37	-53.53	-1.33
199.28	V	-59.41	-13.00	-46.41	-59.42	-56.86	-2.55
225.87	V	-54.45	-13.00	-41.45	-55.61	-52.49	-1.96
249.79	V	-55.26	-13.00	-42.26	-57.52	-53.78	-1.48
300.38	V	-57.63	-13.00	-44.63	-59.61	-56.17	-1.46
349.44	V	-57.95	-13.00	-44.95	-59.96	-56.62	-1.33
599.93	V	-53.44	-13.00	-40.44	-61.94	-51.56	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:20 MHz, 1 RB, Offset 49, Channel: 19100							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.92	H	-61.75	-13.00	-48.75	-56.35	-59.26	-2.49
223.94	H	-57.43	-13.00	-44.43	-53.18	-55.43	-2.00
249.55	H	-58.62	-13.00	-45.62	-55.62	-57.13	-1.49
299.05	H	-54.15	-13.00	-41.15	-52.90	-52.69	-1.46
324.99	H	-61.25	-13.00	-48.25	-61.41	-59.85	-1.40
349.55	H	-54.38	-13.00	-41.38	-55.90	-53.05	-1.33
199.83	V	-58.56	-13.00	-45.56	-58.54	-56.06	-2.50
225.64	V	-53.91	-13.00	-40.91	-55.06	-51.94	-1.97
249.39	V	-54.28	-13.00	-41.28	-56.52	-52.79	-1.49
300.17	V	-58.24	-13.00	-45.24	-60.22	-56.78	-1.46
349.29	V	-58.96	-13.00	-45.96	-60.97	-57.63	-1.33
599.94	V	-53.13	-13.00	-40.13	-61.63	-51.25	-1.88

Note: EIRP = S.G Power value + Correction factor.

3.2.5 Test Result of Radiated Emissions above 1GHz

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-56.83	-13.00	-43.83	-70.90	-63.78	6.95
5552.10	H	-39.94	-13.00	-26.94	-58.44	-46.73	6.79
7402.80	H	-53.41	-13.00	-40.41	-73.32	-56.73	3.32
3701.40	V	-57.13	-13.00	-44.13	-71.02	-64.08	6.95
5552.10	V	-41.82	-13.00	-28.82	-60.32	-48.61	6.79
7402.80	V	-52.83	-13.00	-39.83	-73.44	-56.15	3.32

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-56.63	-13.00	-43.63	-71.29	-63.56	6.93
5640.00	H	-40.55	-13.00	-27.55	-59.38	-47.30	6.75
7520.00	H	-54.04	-13.00	-41.04	-72.94	-57.45	3.41
3760.00	V	-56.93	-13.00	-43.93	-71.44	-63.86	6.93
5640.00	V	-42.81	-13.00	-29.81	-61.66	-49.56	6.75
7520.00	V	-53.53	-13.00	-40.53	-73.11	-56.94	3.41

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-56.65	-13.00	-43.65	-71.65	-63.58	6.93
5727.90	H	-37.18	-13.00	-24.18	-55.59	-43.86	6.68
7637.20	H	-54.11	-13.00	-41.11	-72.64	-57.57	3.46
3818.60	V	-56.87	-13.00	-43.87	-71.75	-63.80	6.93
5727.90	V	-39.32	-13.00	-26.32	-57.79	-46.00	6.68
7637.20	V	-53.25	-13.00	-40.25	-72.47	-56.71	3.46

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3703.00	H	-56.76	-13.00	-43.76	-70.86	-63.71	6.95
5554.50	H	-39.73	-13.00	-26.73	-58.25	-46.52	6.79
7406.00	H	-53.77	-13.00	-40.77	-73.65	-57.09	3.32
3703.00	V	-57.34	-13.00	-44.34	-71.26	-64.29	6.95
5554.50	V	-41.72	-13.00	-28.72	-60.25	-48.51	6.79
7406.00	V	-52.98	-13.00	-39.98	-73.56	-56.30	3.32

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3760.00	H	-56.64	-13.00	-43.64	-71.31	-63.57	6.93
5640.00	H	-40.39	-13.00	-27.39	-59.22	-47.14	6.75
7520.00	H	-53.96	-13.00	-40.96	-72.86	-57.37	3.41
3760.00	V	-56.70	-13.00	-43.70	-71.21	-63.63	6.93
5640.00	V	-42.60	-13.00	-29.60	-61.45	-49.35	6.75
7520.00	V	-53.68	-13.00	-40.68	-73.26	-57.09	3.41

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3817.00	H	-56.45	-13.00	-43.45	-71.45	-63.38	6.93
5725.50	H	-37.19	-13.00	-24.19	-55.61	-43.87	6.68
7634.00	H	-54.03	-13.00	-41.03	-72.55	-57.49	3.46
3817.00	V	-56.78	-13.00	-43.78	-71.67	-63.71	6.93
5725.50	V	-38.99	-13.00	-25.99	-57.47	-45.67	6.68
7634.00	V	-53.32	-13.00	-40.32	-72.52	-56.78	3.46

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-56.54	-13.00	-43.54	-70.66	-63.49	6.95
5557.50	H	-38.65	-13.00	-25.65	-57.21	-45.44	6.79
7410.00	H	-53.41	-13.00	-40.41	-73.26	-56.74	3.33
3705.00	V	-57.37	-13.00	-44.37	-71.31	-64.32	6.95
5557.50	V	-41.59	-13.00	-28.59	-60.15	-48.38	6.79
7410.00	V	-52.67	-13.00	-39.67	-73.22	-56.00	3.33

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-56.72	-13.00	-43.72	-71.38	-63.65	6.93
5640.00	H	-40.32	-13.00	-27.32	-59.15	-47.07	6.75
7520.00	H	-53.84	-13.00	-40.84	-72.74	-57.25	3.41
3760.00	V	-56.70	-13.00	-43.70	-71.21	-63.63	6.93
5640.00	V	-42.40	-13.00	-29.40	-61.25	-49.15	6.75
7520.00	V	-53.70	-13.00	-40.70	-73.28	-57.11	3.41

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-56.45	-13.00	-43.45	-71.46	-63.37	6.92
5722.50	H	-37.42	-13.00	-24.42	-55.85	-44.10	6.68
7630.00	H	-54.06	-13.00	-41.06	-72.55	-57.53	3.47
3815.00	V	-56.57	-13.00	-43.57	-71.46	-63.49	6.92
5722.50	V	-39.15	-13.00	-26.15	-57.65	-45.83	6.68
7630.00	V	-53.39	-13.00	-40.39	-72.56	-56.86	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-56.40	-13.00	-43.40	-70.56	-63.35	6.95
5565.00	H	-39.51	-13.00	-26.51	-58.15	-46.30	6.79
7420.00	H	-53.46	-13.00	-40.46	-73.22	-56.80	3.34
3710.00	V	-56.87	-13.00	-43.87	-70.86	-63.82	6.95
5565.00	V	-41.64	-13.00	-28.64	-60.28	-48.43	6.79
7420.00	V	-52.75	-13.00	-39.75	-73.20	-56.09	3.34

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-56.71	-13.00	-43.71	-71.37	-63.64	6.93
5640.00	H	-40.32	-13.00	-27.32	-59.15	-47.07	6.75
7520.00	H	-53.55	-13.00	-40.55	-72.45	-56.96	3.41
3760.00	V	-56.71	-13.00	-43.71	-71.22	-63.64	6.93
5640.00	V	-42.57	-13.00	-29.57	-61.42	-49.32	6.75
7520.00	V	-53.70	-13.00	-40.70	-73.28	-57.11	3.41

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-56.40	-13.00	-43.40	-71.43	-63.32	6.92
5715.00	H	-37.39	-13.00	-24.39	-55.87	-44.08	6.69
7620.00	H	-54.14	-13.00	-41.14	-72.56	-57.61	3.47
3810.00	V	-56.64	-13.00	-43.64	-71.54	-63.56	6.92
5715.00	V	-39.36	-13.00	-26.36	-57.90	-46.05	6.69
7620.00	V	-53.29	-13.00	-40.29	-72.38	-56.76	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-57.04	-13.00	-44.04	-71.25	-63.98	6.94
5572.50	H	-40.63	-13.00	-27.63	-59.36	-47.41	6.78
7430.00	H	-53.58	-13.00	-40.58	-73.25	-56.92	3.34
3715.00	V	-57.22	-13.00	-44.22	-71.26	-64.16	6.94
5572.50	V	-41.73	-13.00	-28.73	-60.46	-48.51	6.78
7430.00	V	-52.91	-13.00	-39.91	-73.27	-56.25	3.34

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-56.81	-13.00	-43.81	-71.47	-63.74	6.93
5640.00	H	-40.35	-13.00	-27.35	-59.18	-47.10	6.75
7520.00	H	-53.85	-13.00	-40.85	-72.75	-57.26	3.41
3760.00	V	-56.84	-13.00	-43.84	-71.35	-63.77	6.93
5640.00	V	-42.40	-13.00	-29.40	-61.25	-49.15	6.75
7520.00	V	-53.70	-13.00	-40.70	-73.28	-57.11	3.41

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-56.37	-13.00	-43.37	-71.42	-63.28	6.91
5707.50	H	-38.29	-13.00	-25.29	-56.80	-44.98	6.69
7610.00	H	-54.21	-13.00	-41.21	-72.55	-57.68	3.47
3805.00	V	-56.77	-13.00	-43.77	-71.68	-63.68	6.91
5707.50	V	-39.02	-13.00	-26.02	-57.59	-45.71	6.69
7610.00	V	-53.33	-13.00	-40.33	-72.34	-56.80	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 20MHz, 1RB, 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	-56.89	-13.00	-43.89	-71.16	-63.83	6.94
5580.00	H	-39.54	-13.00	-26.54	-58.34	-46.32	6.78
7440.00	H	-53.47	-13.00	-40.47	-73.05	-56.82	3.35
3720.00	V	-57.21	-13.00	-44.21	-71.31	-64.15	6.94
5580.00	V	-41.50	-13.00	-28.50	-60.30	-48.28	6.78
7440.00	V	-52.97	-13.00	-39.97	-73.25	-56.32	3.35

Mode							
LTE Band 2, CB: 20MHz, 1RB, 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	-56.68	-13.00	-43.68	-71.34	-63.61	6.93
5640.00	H	-41.10	-13.00	-28.10	-59.93	-47.85	6.75
7520.00	H	-53.88	-13.00	-40.88	-72.78	-57.29	3.41
3760.00	V	-56.75	-13.00	-43.75	-71.26	-63.68	6.93
5640.00	V	-42.78	-13.00	-29.78	-61.63	-49.53	6.75
7520.00	V	-53.36	-13.00	-40.36	-72.94	-56.77	3.41

Mode							
LTE Band 2, CB: 20MHz, 1RB, Offset 49,Channel: 19100							
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	-56.72	-13.00	-43.72	-71.79	-63.63	6.91
5700.00	H	-38.21	-13.00	-25.21	-56.75	-44.91	6.70
7600.00	H	-54.20	-13.00	-41.20	-72.47	-57.67	3.47
3800.00	V	-56.93	-13.00	-43.93	-71.86	-63.84	6.91
5700.00	V	-39.83	-13.00	-26.83	-58.43	-46.53	6.70
7600.00	V	-53.53	-13.00	-40.53	-72.47	-57.00	3.47

Note: EIRP = S.G Power value + Correction factor.

Configuration 2: Directional antenna with antenna cable

3.2.6 Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 2, 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)
199.75	H	-56.30	-13.00	-43.30	-50.93	-53.80	-2.50
224.00	H	-55.52	-13.00	-42.52	-51.28	-53.52	-2.00
249.22	H	-57.70	-13.00	-44.70	-54.68	-56.20	-1.50
299.66	H	-60.86	-13.00	-47.86	-59.63	-59.40	-1.46
324.88	H	-62.17	-13.00	-49.17	-62.32	-60.77	-1.40
399.57	H	-61.51	-13.00	-48.51	-64.15	-60.13	-1.38
199.75	V	-58.91	-13.00	-45.91	-58.89	-56.41	-2.50
224.00	V	-52.14	-13.00	-39.14	-53.21	-50.14	-2.00
249.22	V	-58.69	-13.00	-45.69	-60.92	-57.19	-1.50
299.66	V	-57.76	-13.00	-44.76	-59.74	-56.30	-1.46
324.88	V	-63.66	-13.00	-50.66	-65.66	-62.26	-1.40
600.36	V	-58.89	-13.00	-45.89	-67.39	-57.01	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 2, 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)
199.92	H	-55.48	-13.00	-42.48	-50.08	-52.99	-2.49
224.84	H	-55.02	-13.00	-42.02	-50.82	-53.04	-1.98
250.33	H	-57.24	-13.00	-44.24	-54.28	-55.76	-1.48
299.44	H	-61.58	-13.00	-48.58	-60.34	-60.12	-1.46
324.55	H	-61.65	-13.00	-48.65	-61.79	-60.25	-1.40
399.48	H	-61.23	-13.00	-48.23	-63.87	-59.85	-1.38
200.27	V	-58.45	-13.00	-45.45	-58.43	-55.98	-2.47
224.45	V	-51.66	-13.00	-38.66	-52.75	-49.67	-1.99
249.57	V	-58.43	-13.00	-45.43	-60.68	-56.94	-1.49
299.54	V	-57.59	-13.00	-44.59	-59.57	-56.13	-1.46
324.94	V	-63.98	-13.00	-50.98	-65.98	-62.58	-1.40
600.44	V	-58.42	-13.00	-45.42	-66.92	-56.54	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:5 MHz, 1 RB, Offset 12, Channel: 19175							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.62	H	-56.79	-13.00	-43.79	-51.44	-54.27	-2.52
225.49	H	-55.83	-13.00	-42.83	-51.66	-53.86	-1.97
249.38	H	-57.56	-13.00	-44.56	-54.55	-56.07	-1.49
299.41	H	-60.93	-13.00	-47.93	-59.69	-59.47	-1.46
324.51	H	-62.38	-13.00	-49.38	-62.51	-60.98	-1.40
399.49	H	-61.84	-13.00	-48.84	-64.48	-60.46	-1.38
200.32	V	-57.86	-13.00	-44.86	-57.84	-55.39	-2.47
225.96	V	-51.68	-13.00	-38.68	-52.84	-49.72	-1.96
249.55	V	-58.31	-13.00	-45.31	-60.56	-56.82	-1.49
300.42	V	-57.24	-13.00	-44.24	-59.22	-55.78	-1.46
324.99	V	-63.18	-13.00	-50.18	-65.18	-61.78	-1.40
599.45	V	-57.93	-13.00	-44.93	-66.42	-56.05	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:10 MHz, 1 RB, Offset 25, Channel: 19150							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.22	H	-56.58	-13.00	-43.58	-51.29	-54.02	-2.56
223.58	H	-54.94	-13.00	-41.94	-50.68	-52.93	-2.01
249.75	H	-56.44	-13.00	-43.44	-53.45	-54.95	-1.49
299.47	H	-59.38	-13.00	-46.38	-58.14	-57.92	-1.46
324.33	H	-62.49	-13.00	-49.49	-62.61	-61.09	-1.40
399.66	H	-62.14	-13.00	-49.14	-64.78	-60.76	-1.38
198.68	V	-59.42	-13.00	-46.42	-59.46	-56.81	-2.61
225.58	V	-51.36	-13.00	-38.36	-52.51	-49.39	-1.97
250.47	V	-57.88	-13.00	-44.88	-60.16	-56.40	-1.48
299.44	V	-56.92	-13.00	-43.92	-58.90	-55.46	-1.46
325.41	V	-62.54	-13.00	-49.54	-64.53	-61.15	-1.39
599.96	V	-57.98	-13.00	-44.98	-66.48	-56.10	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, 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)
199.03	H	-55.39	-13.00	-42.39	-50.13	-52.82	-2.57
224.69	H	-54.78	-13.00	-41.78	-50.57	-52.79	-1.99
249.47	H	-56.95	-13.00	-43.95	-53.94	-55.46	-1.49
300.45	H	-59.45	-13.00	-46.45	-58.25	-57.99	-1.46
324.77	H	-62.84	-13.00	-49.84	-62.99	-61.44	-1.40
400.45	H	-60.71	-13.00	-47.71	-63.37	-59.33	-1.38
199.55	V	-58.62	-13.00	-45.62	-58.62	-56.10	-2.52
223.95	V	-51.74	-13.00	-38.74	-52.81	-49.74	-2.00
249.22	V	-58.26	-13.00	-45.26	-60.49	-56.76	-1.50
300.43	V	-57.08	-13.00	-44.08	-59.06	-55.62	-1.46
325.45	V	-62.78	-13.00	-49.78	-64.77	-61.39	-1.39
599.65	V	-58.55	-13.00	-45.55	-67.04	-56.67	-1.88

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:20 MHz, 1 RB, Offset 49, Channel: 19100							
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)
200.16	H	-55.98	-13.00	-42.98	-50.58	-53.50	-2.48
225.25	H	-54.62	-13.00	-41.62	-50.44	-52.64	-1.98
250.38	H	-57.44	-13.00	-44.44	-54.48	-55.96	-1.48
299.99	H	-60.41	-13.00	-47.41	-59.19	-58.95	-1.46
325.19	H	-61.32	-13.00	-48.32	-61.49	-59.93	-1.39
399.68	H	-61.68	-13.00	-48.68	-64.32	-60.30	-1.38
200.85	V	-58.74	-13.00	-45.74	-58.75	-56.28	-2.46
224.55	V	-52.69	-13.00	-39.69	-53.79	-50.70	-1.99
250.69	V	-58.22	-13.00	-45.22	-60.50	-56.74	-1.48
299.44	V	-57.21	-13.00	-44.21	-59.19	-55.75	-1.46
325.35	V	-63.04	-13.00	-50.04	-65.03	-61.65	-1.39
600.55	V	-58.16	-13.00	-45.16	-66.66	-56.28	-1.88

Note: EIRP = S.G Power value + Correction factor.

3.2.7 Test Result of Radiated Emissions above 1GHz

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-58.77	-13.00	-45.77	-72.84	-65.72	6.95
5552.10	H	-47.34	-13.00	-34.34	-65.84	-54.13	6.79
7402.80	H	-53.99	-13.00	-40.99	-73.90	-57.31	3.32
3701.40	V	-58.99	-13.00	-45.99	-72.88	-65.94	6.95
5552.10	V	-49.26	-13.00	-36.26	-67.76	-56.05	6.79
7402.80	V	-53.81	-13.00	-40.81	-74.42	-57.13	3.32

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-58.72	-13.00	-45.72	-73.38	-65.65	6.93
5640.00	H	-48.95	-13.00	-35.95	-67.78	-55.70	6.75
7520.00	H	-54.60	-13.00	-41.60	-73.50	-58.01	3.41
3760.00	V	-58.78	-13.00	-45.78	-73.29	-65.71	6.93
5640.00	V	-50.41	-13.00	-37.41	-69.26	-57.16	6.75
7520.00	V	-53.73	-13.00	-40.73	-73.31	-57.14	3.41

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-58.69	-13.00	-45.69	-73.69	-65.62	6.93
5727.90	H	-44.60	-13.00	-31.60	-63.01	-51.28	6.68
7637.20	H	-54.93	-13.00	-41.93	-73.46	-58.39	3.46
3818.60	V	-58.97	-13.00	-45.97	-73.85	-65.90	6.93
5727.90	V	-46.61	-13.00	-33.61	-65.08	-53.29	6.68
7637.20	V	-54.09	-13.00	-41.09	-73.31	-57.55	3.46

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3703.00	H	-58.56	-13.00	-45.56	-72.66	-65.51	6.95
5554.50	H	-47.15	-13.00	-34.15	-65.67	-53.94	6.79
7406.00	H	-53.97	-13.00	-40.97	-73.85	-57.29	3.32
3703.00	V	-58.73	-13.00	-45.73	-72.65	-65.68	6.95
5554.50	V	-49.35	-13.00	-36.35	-67.88	-56.14	6.79
7406.00	V	-53.75	-13.00	-40.75	-74.33	-57.07	3.32

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3760.00	H	-57.81	-13.00	-44.81	-72.47	-64.74	6.93
5640.00	H	-48.78	-13.00	-35.78	-67.61	-55.53	6.75
7520.00	H	-54.56	-13.00	-41.56	-73.46	-57.97	3.41
3760.00	V	-58.98	-13.00	-45.98	-73.49	-65.91	6.93
5640.00	V	-50.46	-13.00	-37.46	-69.31	-57.21	6.75
7520.00	V	-53.70	-13.00	-40.70	-73.28	-57.11	3.41

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3817.00	H	-58.55	-13.00	-45.55	-73.55	-65.48	6.93
5725.50	H	-44.16	-13.00	-31.16	-62.58	-50.84	6.68
7634.00	H	-54.74	-13.00	-41.74	-73.26	-58.20	3.46
3817.00	V	-58.80	-13.00	-45.80	-73.69	-65.73	6.93
5725.50	V	-46.79	-13.00	-33.79	-65.27	-53.47	6.68
7634.00	V	-54.28	-13.00	-41.28	-73.48	-57.74	3.46

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-58.60	-13.00	-45.60	-72.72	-65.55	6.95
5557.50	H	-47.13	-13.00	-34.13	-65.69	-53.92	6.79
7410.00	H	-53.80	-13.00	-40.80	-73.65	-57.13	3.33
3705.00	V	-58.64	-13.00	-45.64	-72.58	-65.59	6.95
5557.50	V	-49.02	-13.00	-36.02	-67.58	-55.81	6.79
7410.00	V	-53.84	-13.00	-40.84	-74.39	-57.17	3.33

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-58.45	-13.00	-45.45	-73.11	-65.38	6.93
5640.00	H	-48.41	-13.00	-35.41	-67.24	-55.16	6.75
7520.00	H	-54.53	-13.00	-41.53	-73.43	-57.94	3.41
3760.00	V	-58.97	-13.00	-45.97	-73.48	-65.90	6.93
5640.00	V	-50.61	-13.00	-37.61	-69.46	-57.36	6.75
7520.00	V	-53.91	-13.00	-40.91	-73.49	-57.32	3.41

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-58.84	-13.00	-45.84	-73.85	-65.76	6.92
5722.50	H	-44.10	-13.00	-31.10	-62.53	-50.78	6.68
7630.00	H	-54.80	-13.00	-41.80	-73.29	-58.27	3.47
3815.00	V	-58.75	-13.00	-45.75	-73.64	-65.67	6.92
5722.50	V	-46.84	-13.00	-33.84	-65.34	-53.52	6.68
7630.00	V	-54.12	-13.00	-41.12	-73.29	-57.59	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-58.35	-13.00	-45.35	-72.51	-65.30	6.95
5565.00	H	-47.05	-13.00	-34.05	-65.69	-53.84	6.79
7420.00	H	-54.09	-13.00	-41.09	-73.85	-57.43	3.34
3710.00	V	-58.67	-13.00	-45.67	-72.66	-65.62	6.95
5565.00	V	-49.24	-13.00	-36.24	-67.88	-56.03	6.79
7420.00	V	-53.93	-13.00	-40.93	-74.38	-57.27	3.34

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-58.58	-13.00	-45.58	-73.24	-65.51	6.93
5640.00	H	-48.62	-13.00	-35.62	-67.45	-55.37	6.75
7520.00	H	-54.55	-13.00	-41.55	-73.45	-57.96	3.41
3760.00	V	-58.66	-13.00	-45.66	-73.17	-65.59	6.93
5640.00	V	-50.49	-13.00	-37.49	-69.34	-57.24	6.75
7520.00	V	-53.60	-13.00	-40.60	-73.18	-57.01	3.41

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-58.52	-13.00	-45.52	-73.55	-65.44	6.92
5715.00	H	-44.77	-13.00	-31.77	-63.25	-51.46	6.69
7620.00	H	-54.83	-13.00	-41.83	-73.25	-58.30	3.47
3810.00	V	-58.76	-13.00	-45.76	-73.66	-65.68	6.92
5715.00	V	-46.81	-13.00	-33.81	-65.35	-53.50	6.69
7620.00	V	-54.48	-13.00	-41.48	-73.57	-57.95	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-59.40	-13.00	-46.40	-73.61	-66.34	6.94
5572.50	H	-46.23	-13.00	-33.23	-64.96	-53.01	6.78
7430.00	H	-53.55	-13.00	-40.55	-73.22	-56.89	3.34
3715.00	V	-59.11	-13.00	-46.11	-73.15	-66.05	6.94
5572.50	V	-49.08	-13.00	-36.08	-67.81	-55.86	6.78
7430.00	V	-53.09	-13.00	-40.09	-73.45	-56.43	3.34

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-58.79	-13.00	-45.79	-73.45	-65.72	6.93
5640.00	H	-49.13	-13.00	-36.13	-67.96	-55.88	6.75
7520.00	H	-54.43	-13.00	-41.43	-73.33	-57.84	3.41
3760.00	V	-58.90	-13.00	-45.90	-73.41	-65.83	6.93
5640.00	V	-50.46	-13.00	-37.46	-69.31	-57.21	6.75
7520.00	V	-53.69	-13.00	-40.69	-73.27	-57.10	3.41

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-58.40	-13.00	-45.40	-73.45	-65.31	6.91
5707.50	H	-44.13	-13.00	-31.13	-62.64	-50.82	6.69
7610.00	H	-55.16	-13.00	-42.16	-73.50	-58.63	3.47
3805.00	V	-58.74	-13.00	-45.74	-73.65	-65.65	6.91
5707.50	V	-46.64	-13.00	-33.64	-65.21	-53.33	6.69
7610.00	V	-54.47	-13.00	-41.47	-73.48	-57.94	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 20MHz, 1RB, 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	-59.03	-13.00	-46.03	-73.30	-65.97	6.94
5580.00	H	-47.17	-13.00	-34.17	-65.97	-53.95	6.78
7440.00	H	-54.35	-13.00	-41.35	-73.93	-57.70	3.35
3720.00	V	-58.97	-13.00	-45.97	-73.07	-65.91	6.94
5580.00	V	-49.17	-13.00	-36.17	-67.97	-55.95	6.78
7440.00	V	-53.83	-13.00	-40.83	-74.11	-57.18	3.35

Mode							
LTE Band 2, CB: 20MHz, 1RB, 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	-58.59	-13.00	-45.59	-73.25	-65.52	6.93
5640.00	H	-49.10	-13.00	-36.10	-67.93	-55.85	6.75
7520.00	H	-54.74	-13.00	-41.74	-73.64	-58.15	3.41
3760.00	V	-58.88	-13.00	-45.88	-73.39	-65.81	6.93
5640.00	V	-50.75	-13.00	-37.75	-69.60	-57.50	6.75
7520.00	V	-54.09	-13.00	-41.09	-73.67	-57.50	3.41

Mode							
LTE Band 2, CB: 20MHz, 1RB, Offset 49,Channel: 19100							
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	-58.60	-13.00	-45.60	-73.67	-65.51	6.91
5700.00	H	-44.21	-13.00	-31.21	-62.75	-50.91	6.70
7600.00	H	-55.14	-13.00	-42.14	-73.41	-58.61	3.47
3800.00	V	-58.63	-13.00	-45.63	-73.56	-65.54	6.91
5700.00	V	-46.09	-13.00	-33.09	-64.69	-52.79	6.70
7600.00	V	-54.42	-13.00	-41.42	-73.36	-57.89	3.47

Note: EIRP = S.G Power value + Correction factor.

Configuration 3: Individual antenna

3.2.8 Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 2, CB:1.4 MHz, 1 RB, Offset 3, Channel: 19193						
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.75	H	-60.23	-13.00	-47.23	-54.86	-57.73	-2.50
224.00	H	-58.08	-13.00	-45.08	-53.84	-56.08	-2.00
249.22	H	-62.62	-13.00	-49.62	-59.60	-61.12	-1.50
274.44	H	-60.43	-13.00	-47.43	-58.32	-58.96	-1.47
299.66	H	-56.50	-13.00	-43.50	-55.27	-55.04	-1.46
324.88	H	-61.06	-13.00	-48.06	-61.21	-59.66	-1.40
199.75	V	-54.71	-13.00	-41.71	-54.69	-52.21	-2.50
224.00	V	-57.91	-13.00	-44.91	-58.98	-55.91	-2.00
249.22	V	-58.47	-13.00	-45.47	-60.70	-56.97	-1.50
274.44	V	-59.67	-13.00	-46.67	-61.80	-58.20	-1.47
299.66	V	-55.08	-13.00	-42.08	-57.06	-53.62	-1.46
399.57	V	-59.64	-13.00	-46.64	-62.77	-58.26	-1.38

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 2, CB:3 MHz, 1 RB, Offset 8, Channel: 19185						
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
200.13	H	-59.48	-13.00	-46.48	-54.08	-57.00	-2.48
225.36	H	-58.44	-13.00	-45.44	-54.26	-56.47	-1.97
250.53	H	-61.58	-13.00	-48.58	-58.63	-60.10	-1.48
275.35	H	-60.95	-13.00	-47.95	-58.87	-59.48	-1.47
299.58	H	-56.02	-13.00	-43.02	-54.79	-54.56	-1.46
325.91	H	-60.55	-13.00	-47.55	-60.76	-59.16	-1.39
199.48	V	-54.22	-13.00	-41.22	-54.22	-51.69	-2.53
224.35	V	-57.44	-13.00	-44.44	-58.53	-55.45	-1.99
250.18	V	-58.65	-13.00	-45.65	-60.93	-57.17	-1.48
275.39	V	-59.47	-13.00	-46.47	-61.60	-58.00	-1.47
300.26	V	-54.22	-13.00	-41.22	-56.20	-52.76	-1.46
400.19	V	-59.08	-13.00	-46.08	-62.22	-57.70	-1.38

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:5 MHz, 1 RB, Offset 12, Channel: 19175							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
200.48	H	-61.42	-13.00	-48.42	-56.03	-58.95	-2.47
225.35	H	-59.44	-13.00	-46.44	-55.26	-57.47	-1.97
250.38	H	-61.55	-13.00	-48.55	-58.59	-60.07	-1.48
274.98	H	-59.72	-13.00	-46.72	-57.62	-58.25	-1.47
299.42	H	-55.39	-13.00	-42.39	-54.15	-53.93	-1.46
325.44	H	-60.48	-13.00	-47.48	-60.66	-59.09	-1.39
199.42	V	-53.96	-13.00	-40.96	-53.96	-51.42	-2.54
225.38	V	-57.41	-13.00	-44.41	-58.55	-55.44	-1.97
250.36	V	-57.91	-13.00	-44.91	-60.19	-56.43	-1.48
274.96	V	-59.43	-13.00	-46.43	-61.56	-57.96	-1.47
299.44	V	-55.62	-13.00	-42.62	-57.60	-54.16	-1.46
400.75	V	-59.34	-13.00	-46.34	-62.49	-57.96	-1.38

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:10 MHz, 1 RB, Offset 25, Channel: 19150							
Frequency (MHz)	Antenna Polarity	E.IR.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
199.96	H	-61.27	-13.00	-48.27	-55.87	-58.79	-2.48
224.38	H	-59.47	-13.00	-46.47	-55.25	-57.48	-1.99
249.55	H	-61.47	-13.00	-48.47	-58.47	-59.98	-1.49
274.35	H	-60.96	-13.00	-47.96	-58.84	-59.49	-1.47
299.33	H	-55.83	-13.00	-42.83	-54.59	-57.29	1.46
328.97	H	-60.58	-13.00	-47.58	-60.96	-59.20	-1.38
200.85	V	-54.43	-13.00	-41.43	-54.44	-51.97	-2.46
225.31	V	-57.56	-13.00	-44.56	-58.69	-55.59	-1.97
249.31	V	-58.24	-13.00	-45.24	-60.48	-56.75	-1.49
275.41	V	-59.22	-13.00	-46.22	-61.35	-57.75	-1.47
299.27	V	-54.68	-13.00	-41.68	-56.66	-53.22	-1.46
399.88	V	-59.54	-13.00	-46.54	-62.68	-58.16	-1.38

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, 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)
199.98	H	-60.75	-13.00	-47.75	-55.34	-58.27	-2.48
225.48	H	-58.82	-13.00	-45.82	-54.65	-56.85	-1.97
250.37	H	-63.24	-13.00	-50.24	-60.28	-61.76	-1.48
274.97	H	-61.58	-13.00	-48.58	-59.48	-60.11	-1.47
299.24	H	-55.84	-13.00	-42.84	-54.59	-54.38	-1.46
325.15	H	-60.93	-13.00	-47.93	-61.10	-59.54	-1.39
200.27	V	-54.62	-13.00	-41.62	-54.60	-52.15	-2.47
224.57	V	-58.43	-13.00	-45.43	-59.53	-56.44	-1.99
249.59	V	-58.62	-13.00	-45.62	-60.87	-57.13	-1.49
274.88	V	-59.73	-13.00	-46.73	-61.86	-58.26	-1.47
299.66	V	-55.21	-13.00	-42.21	-57.19	-53.75	-1.46
399.64	V	-59.41	-13.00	-46.41	-62.54	-58.03	-1.38

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB:20 MHz, 1 RB, Offset 49, Channel: 19100							
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)
199.25	H	-60.75	-13.00	-47.75	-55.45	-58.20	-2.55
225.31	H	-59.27	-13.00	-46.27	-55.09	-57.30	-1.97
249.58	H	-62.66	-13.00	-49.66	-59.66	-61.17	-1.49
274.75	H	-59.98	-13.00	-46.98	-57.88	-58.51	-1.47
299.75	H	-55.49	-13.00	-42.49	-54.26	-54.03	-1.46
325.68	H	-61.79	-13.00	-48.79	-61.99	-60.40	-1.39
199.47	V	-54.52	-13.00	-41.52	-54.52	-51.99	-2.53
224.45	V	-56.87	-13.00	-43.87	-57.96	-54.88	-1.99
249.39	V	-57.52	-13.00	-44.52	-59.76	-56.03	-1.49
274.74	V	-58.65	-13.00	-45.65	-60.78	-57.18	-1.47
299.84	V	-54.26	-13.00	-41.26	-56.24	-52.80	-1.46
400.39	V	-59.78	-13.00	-46.78	-62.93	-58.40	-1.38

Note: EIRP = S.G Power value + Correction factor.

3.2.9 Test Result of Radiated Emissions above 1GHz

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-60.54	-13.00	-47.54	-74.61	-67.49	6.95
5552.10	H	-39.76	-13.00	-26.76	-58.26	-46.55	6.79
7402.80	H	-52.55	-13.00	-39.55	-72.46	-55.87	3.32
3701.40	V	-56.56	-13.00	-43.56	-70.45	-63.51	6.95
5552.10	V	-38.61	-13.00	-25.61	-57.11	-45.40	6.79
7402.80	V	-52.04	-13.00	-39.04	-72.65	-55.36	3.32

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-60.54	-13.00	-47.54	-75.20	-67.47	6.93
5640.00	H	-41.96	-13.00	-28.96	-60.79	-48.71	6.75
7520.00	H	-53.94	-13.00	-40.94	-72.84	-57.35	3.41
3760.00	V	-57.03	-13.00	-44.03	-71.54	-63.96	6.93
5640.00	V	-40.83	-13.00	-27.83	-59.68	-47.58	6.75
7520.00	V	-53.25	-13.00	-40.25	-72.83	-56.66	3.41

Mode							
LTE Band 2, CB: 1.4MHz, 1RB, 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	-60.32	-13.00	-47.32	-75.32	-67.25	6.93
5727.90	H	-39.85	-13.00	-26.85	-58.26	-46.53	6.68
7637.20	H	-53.97	-13.00	-40.97	-72.50	-57.43	3.46
3818.60	V	-56.38	-13.00	-43.38	-71.26	-63.31	6.93
5727.90	V	-39.43	-13.00	-26.43	-57.90	-46.11	6.68
7637.20	V	-53.27	-13.00	-40.27	-72.49	-56.73	3.46

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3703.00	H	-60.33	-13.00	-47.33	-74.43	-67.28	6.95
5554.50	H	-40.06	-13.00	-27.06	-58.58	-46.85	6.79
7406.00	H	-52.65	-13.00	-39.65	-72.53	-55.97	3.32
3703.00	V	-56.58	-13.00	-43.58	-70.50	-63.53	6.95
5554.50	V	-38.95	-13.00	-25.95	-57.48	-45.74	6.79
7406.00	V	-51.90	-13.00	-38.90	-72.48	-55.22	3.32

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3760.00	H	-60.64	-13.00	-47.64	-75.30	-67.57	6.93
5640.00	H	-41.82	-13.00	-28.82	-60.65	-48.57	6.75
7520.00	H	-53.71	-13.00	-40.71	-72.61	-57.12	3.41
3760.00	V	-56.72	-13.00	-43.72	-71.23	-63.65	6.93
5640.00	V	-40.63	-13.00	-27.63	-59.48	-47.38	6.75
7520.00	V	-53.06	-13.00	-40.06	-72.64	-56.47	3.41

Mode							
LTE Band 2, CB: 3MHz, 1RB, 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)
3817.00	H	-60.25	-13.00	-47.25	-75.25	-67.18	6.93
5725.50	H	-40.17	-13.00	-27.17	-58.59	-46.85	6.68
7634.00	H	-53.90	-13.00	-40.90	-72.42	-57.36	3.46
3817.00	V	-56.50	-13.00	-43.50	-71.39	-63.43	6.93
5725.50	V	-39.16	-13.00	-26.16	-57.64	-45.84	6.68
7634.00	V	-53.35	-13.00	-40.35	-72.55	-56.81	3.46

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-60.14	-13.00	-47.14	-74.26	-67.09	6.95
5557.50	H	-39.82	-13.00	-26.82	-58.38	-46.61	6.79
7410.00	H	-52.74	-13.00	-39.74	-72.59	-56.07	3.33
3705.00	V	-56.74	-13.00	-43.74	-70.68	-63.69	6.95
5557.50	V	-38.82	-13.00	-25.82	-57.38	-45.61	6.79
7410.00	V	-51.92	-13.00	-38.92	-72.47	-55.25	3.33

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-60.64	-13.00	-47.64	-75.30	-67.57	6.93
5640.00	H	-41.65	-13.00	-28.65	-60.48	-48.40	6.75
7520.00	H	-53.74	-13.00	-40.74	-72.64	-57.15	3.41
3760.00	V	-56.91	-13.00	-43.91	-71.42	-63.84	6.93
5640.00	V	-40.63	-13.00	-27.63	-59.48	-47.38	6.75
7520.00	V	-53.03	-13.00	-40.03	-72.61	-56.44	3.41

Mode							
LTE Band 2, CB: 5MHz, 1RB, 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	-60.14	-13.00	-47.14	-75.15	-67.06	6.92
5722.50	H	-40.32	-13.00	-27.32	-58.75	-47.00	6.68
7630.00	H	-54.00	-13.00	-41.00	-72.49	-57.47	3.47
3815.00	V	-56.49	-13.00	-43.49	-71.38	-63.41	6.92
5722.50	V	-39.15	-13.00	-26.15	-57.65	-45.83	6.68
7630.00	V	-53.52	-13.00	-40.52	-72.69	-56.99	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-60.29	-13.00	-47.29	-74.45	-67.24	6.95
5565.00	H	-39.67	-13.00	-26.67	-58.31	-46.46	6.79
7420.00	H	-52.55	-13.00	-39.55	-72.31	-55.89	3.34
3710.00	V	-56.27	-13.00	-43.27	-70.26	-63.22	6.95
5565.00	V	-38.74	-13.00	-25.74	-57.38	-45.53	6.79
7420.00	V	-52.00	-13.00	-39.00	-72.45	-55.34	3.34

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-59.92	-13.00	-46.92	-74.58	-66.85	6.93
5640.00	H	-41.32	-13.00	-28.32	-60.15	-48.07	6.75
7520.00	H	-53.74	-13.00	-40.74	-72.64	-57.15	3.41
3760.00	V	-56.95	-13.00	-43.95	-71.46	-63.88	6.93
5640.00	V	-40.60	-13.00	-27.60	-59.45	-47.35	6.75
7520.00	V	-53.03	-13.00	-40.03	-72.61	-56.44	3.41

Mode							
LTE Band 2, CB: 10MHz, 1RB, 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	-60.02	-13.00	-47.02	-75.05	-66.94	6.92
5715.00	H	-39.38	-13.00	-26.38	-57.86	-46.07	6.69
7620.00	H	-54.07	-13.00	-41.07	-72.49	-57.54	3.47
3810.00	V	-55.98	-13.00	-42.98	-70.88	-62.90	6.92
5715.00	V	-38.95	-13.00	-25.95	-57.49	-45.64	6.69
7620.00	V	-53.22	-13.00	-40.22	-72.31	-56.69	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-60.04	-13.00	-47.04	-74.25	-66.98	6.94
5572.50	H	-39.97	-13.00	-26.97	-58.70	-46.75	6.78
7430.00	H	-52.71	-13.00	-39.71	-72.38	-56.05	3.34
3715.00	V	-56.24	-13.00	-43.24	-70.28	-63.18	6.94
5572.50	V	-38.54	-13.00	-25.54	-57.27	-45.32	6.78
7430.00	V	-52.11	-13.00	-39.11	-72.47	-55.45	3.34

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-60.01	-13.00	-47.01	-74.67	-66.94	6.93
5640.00	H	-41.52	-13.00	-28.52	-60.35	-48.27	6.75
7520.00	H	-53.78	-13.00	-40.78	-72.68	-57.19	3.41
3760.00	V	-56.74	-13.00	-43.74	-71.25	-63.67	6.93
5640.00	V	-40.73	-13.00	-27.73	-59.58	-47.48	6.75
7520.00	V	-53.00	-13.00	-40.00	-72.58	-56.41	3.41

Mode							
LTE Band 2, CB: 15MHz, 1RB, 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	-60.05	-13.00	-47.05	-75.10	-66.96	6.91
5707.50	H	-39.89	-13.00	-26.89	-58.40	-46.58	6.69
7610.00	H	-54.00	-13.00	-41.00	-72.34	-57.47	3.47
3805.00	V	-56.47	-13.00	-43.47	-71.38	-63.38	6.91
5707.50	V	-39.12	-13.00	-26.12	-57.69	-45.81	6.69
7610.00	V	-53.57	-13.00	-40.57	-72.58	-57.04	3.47

Note: EIRP = S.G Power value + Correction factor.

Mode							
LTE Band 2, CB: 20MHz, 1RB, 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	-60.60	-13.00	-47.60	-74.87	-67.54	6.94
5580.00	H	-39.55	-13.00	-26.55	-58.35	-46.33	6.78
7440.00	H	-52.77	-13.00	-39.77	-72.35	-56.12	3.35
3720.00	V	-56.53	-13.00	-43.53	-70.63	-63.47	6.94
5580.00	V	-38.45	-13.00	-25.45	-57.25	-45.23	6.78
7440.00	V	-52.18	-13.00	-39.18	-72.46	-55.53	3.35

Mode							
LTE Band 2, CB: 20MHz, 1RB, 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	-60.78	-13.00	-47.78	-75.44	-67.71	6.93
5640.00	H	-41.45	-13.00	-28.45	-60.28	-48.20	6.75
7520.00	H	-53.53	-13.00	-40.53	-72.43	-56.94	3.41
3760.00	V	-56.75	-13.00	-43.75	-71.26	-63.68	6.93
5640.00	V	-40.63	-13.00	-27.63	-59.48	-47.38	6.75
7520.00	V	-53.00	-13.00	-40.00	-72.58	-56.41	3.41

Mode							
LTE Band 2, CB: 20MHz, 1RB, Offset 49,Channel: 19100							
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	-60.19	-13.00	-47.19	-75.26	-67.10	6.91
5700.00	H	-39.91	-13.00	-26.91	-58.45	-46.61	6.70
7600.00	H	-54.21	-13.00	-41.21	-72.48	-57.68	3.47
3800.00	V	-56.38	-13.00	-43.38	-71.31	-63.29	6.91
5700.00	V	-39.05	-13.00	-26.05	-57.65	-45.75	6.70
7600.00	V	-53.40	-13.00	-40.40	-72.34	-56.87	3.47

Note: EIRP = S.G Power value + Correction factor.

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

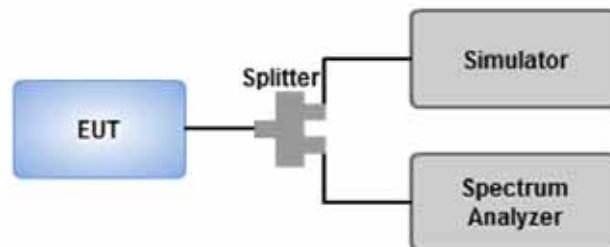
Out of band emission

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



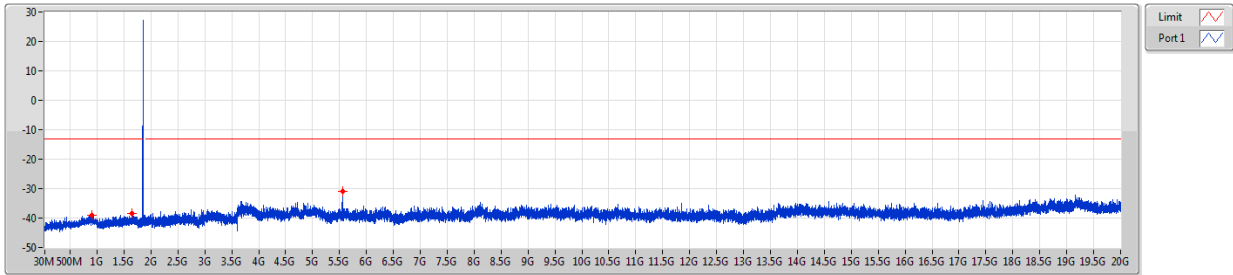
3.3.4 Test Result of Conducted Emissions & Band Edge

Out of band emission 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	5.72853G	-28.50	-13.00	-15.50	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	5.72853G	-28.83	-13.00	-15.83	-	-
LTE_3MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	5.72583G	-27.22	-13.00	-14.22	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	5.72583G	-31.62	-13.00	-18.62	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	5.72314G	-28.83	-13.00	-15.83	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	5.55763G	-31.36	-13.00	-18.36	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	5.71504G	-29.17	-13.00	-16.17	-	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	5.71594G	-29.88	-13.00	-16.88	-	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	5.57292G	-29.39	-13.00	-16.39	-	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	5.57292G	-29.70	-13.00	-16.70	-	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	5.58012G	-31.72	-13.00	-18.72	-	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.30469G	-31.43	-13.00	-18.43	-	-

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 1,#RB 3

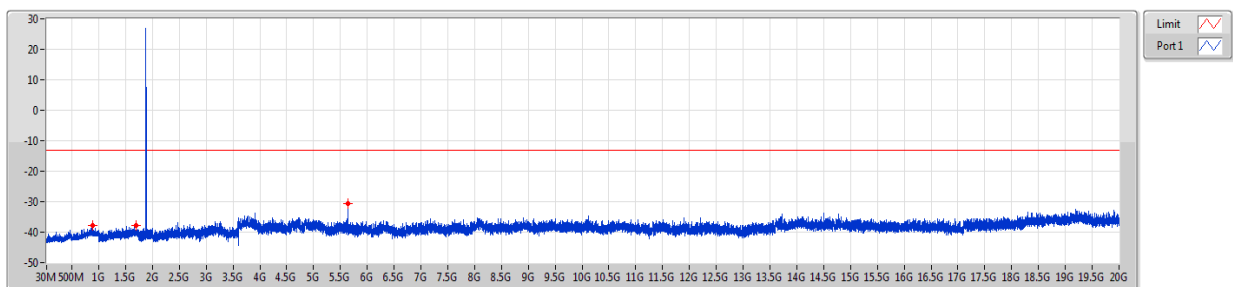
CSE-TX-Sum



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	895.24M	-39.17	-13.00	-26.17	-	-
1G	1.75G	1M	3M	Peak	1.63938G	-38.58	-13.00	-25.58	-	-
2.01G	20G	1M	3M	Peak	5.55313G	-31.09	-13.00	-18.09	-	-

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB 3

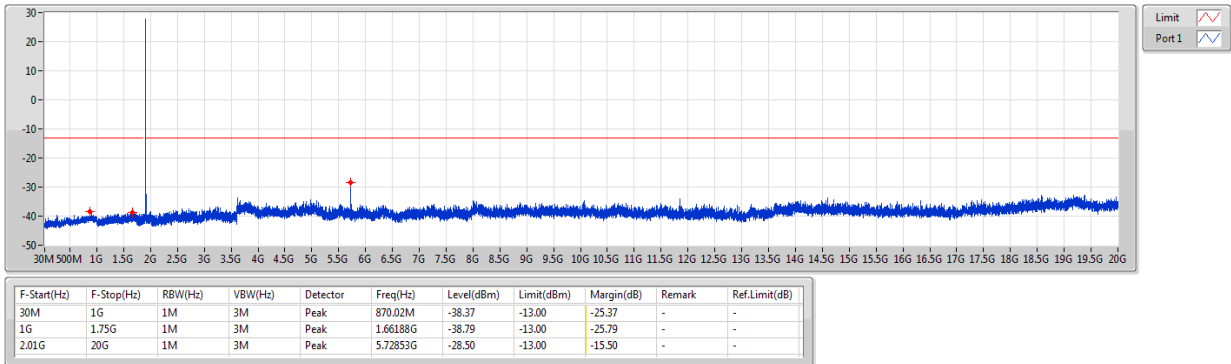
CSE-TX-Sum



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	887.48M	-37.67	-13.00	-24.67	-	-
1G	1.75G	1M	3M	Peak	1.68813G	-37.93	-13.00	-24.93	-	-
2.01G	20G	1M	3M	Peak	5.64038G	-30.72	-13.00	-17.72	-	-

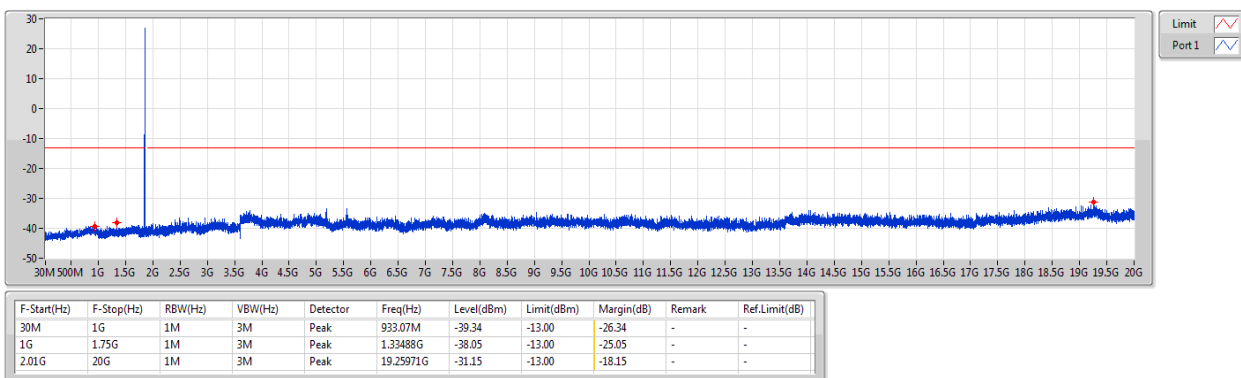
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 1,#RB 3

CSE-TX-Sum



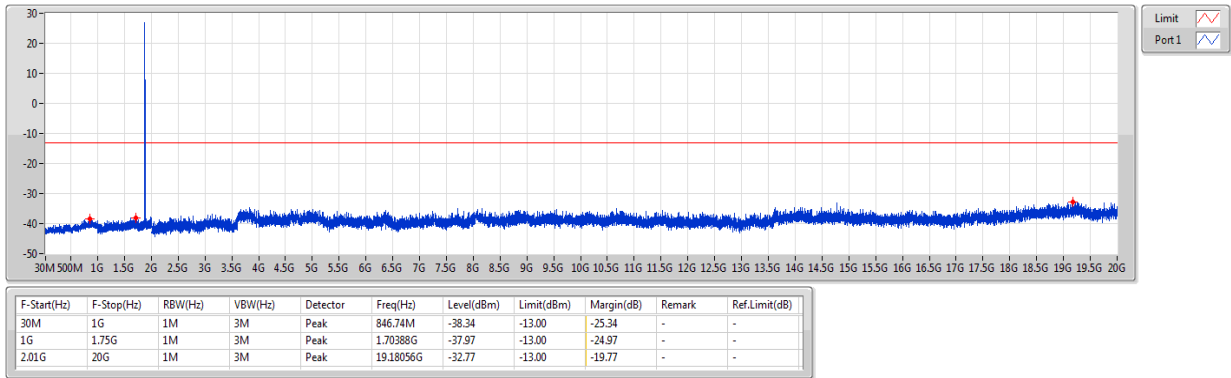
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 1,#RB 3

CSE-TX-Sum



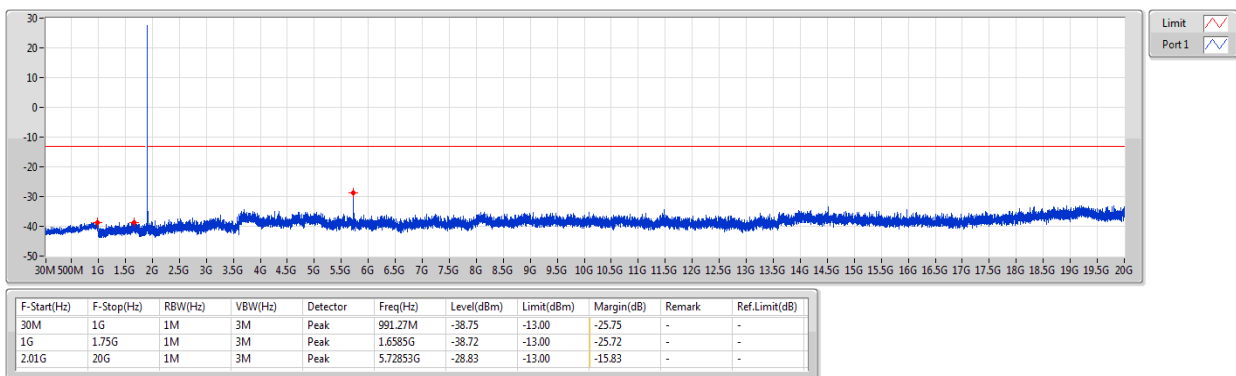
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB 3

CSE-TX-Sum



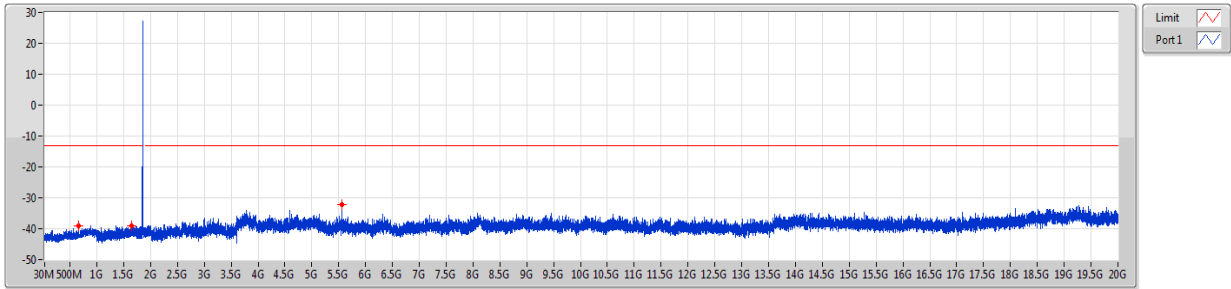
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 1,#RB 3

CSE-TX-Sum



Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 1,#RB 8

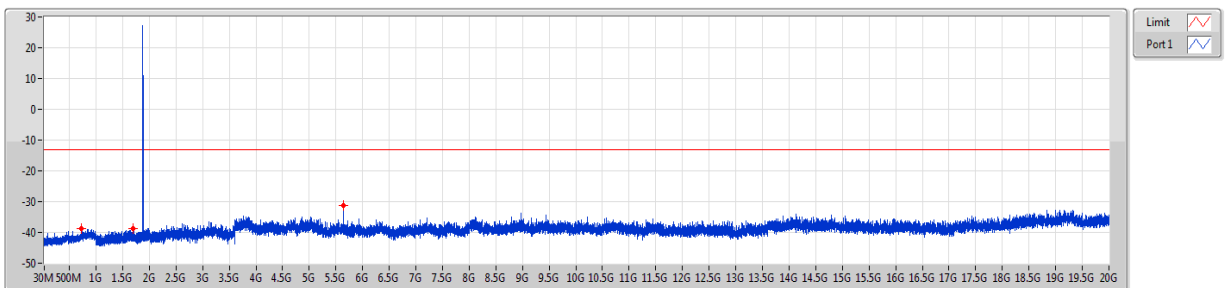
CSE-TX-Sum



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	663.41M	-38.98	-13.00	-25.98	-	-
1G	1.75G	1M	3M	Peak	1.65325G	-39.10	-13.00	-26.10	-	-
2.01G	20G	1M	3M	Peak	5.55493G	-32.20	-13.00	-19.20	-	-

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB 8

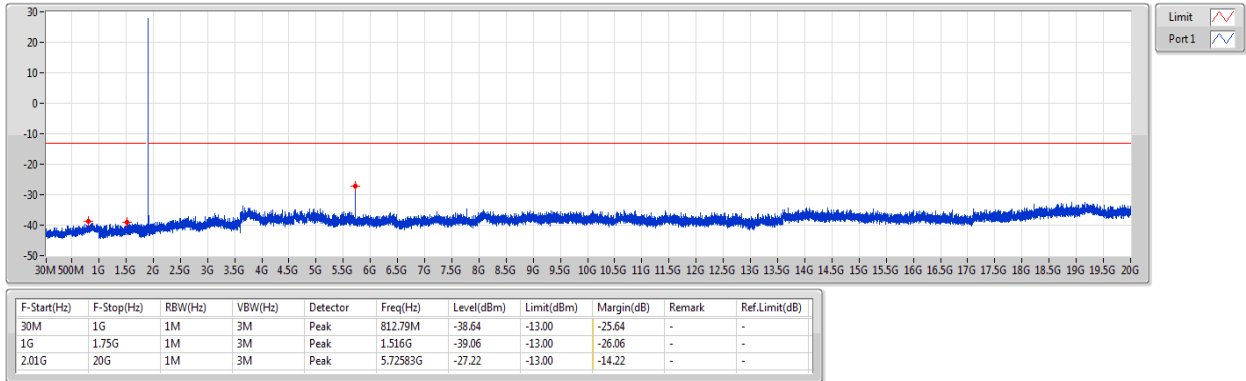
CSE-TX-Sum



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	719.67M	-38.83	-13.00	-25.83	-	-
1G	1.75G	1M	3M	Peak	1.69075G	-38.78	-13.00	-25.78	-	-
2.01G	20G	1M	3M	Peak	5.64128G	-31.36	-13.00	-18.36	-	-

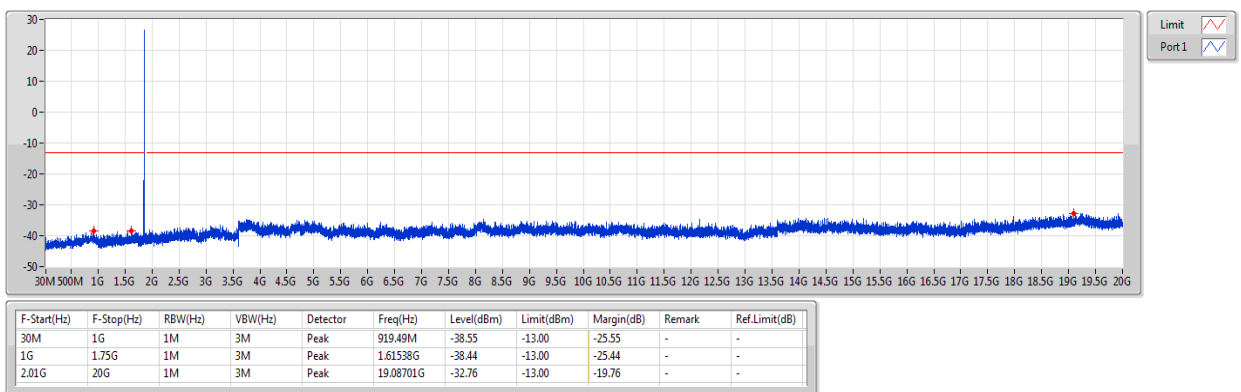
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 1,#RB 8

CSE-TX-Sum



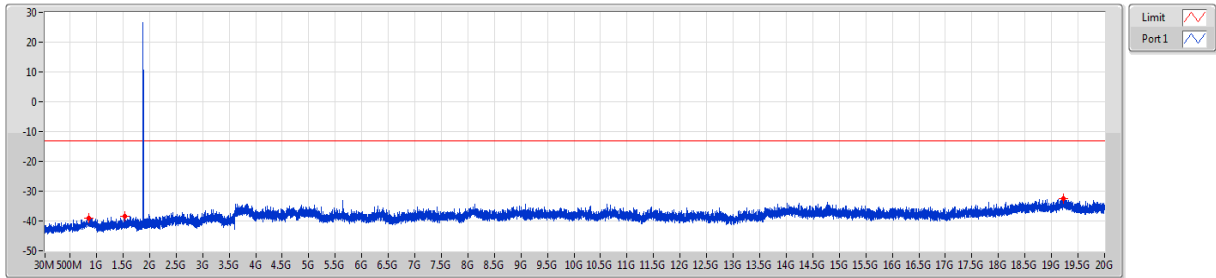
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 1,#RB 8

CSE-TX-Sum



Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB 8

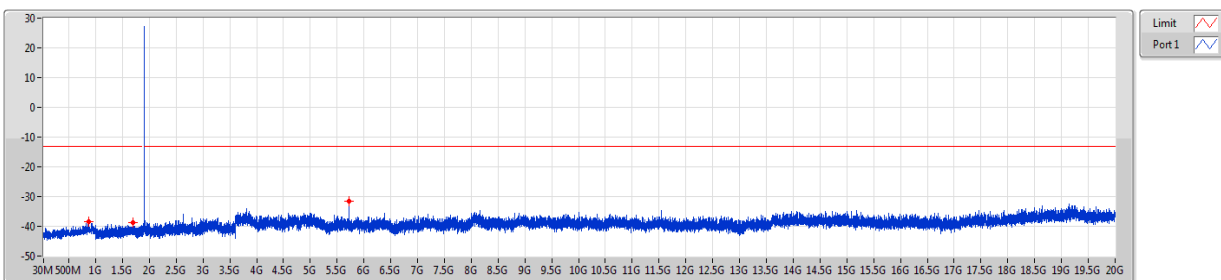
CSE-TX-Sum



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	847.71M	-39.11	-13.00	-26.11	-	-
1G	1.75G	1M	3M	Peak	1.531G	-38.49	-13.00	-25.49	-	-
2.01G	20G	1M	3M	Peak	19.23183G	-32.45	-13.00	-19.45	-	-

Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 1,#RB 8

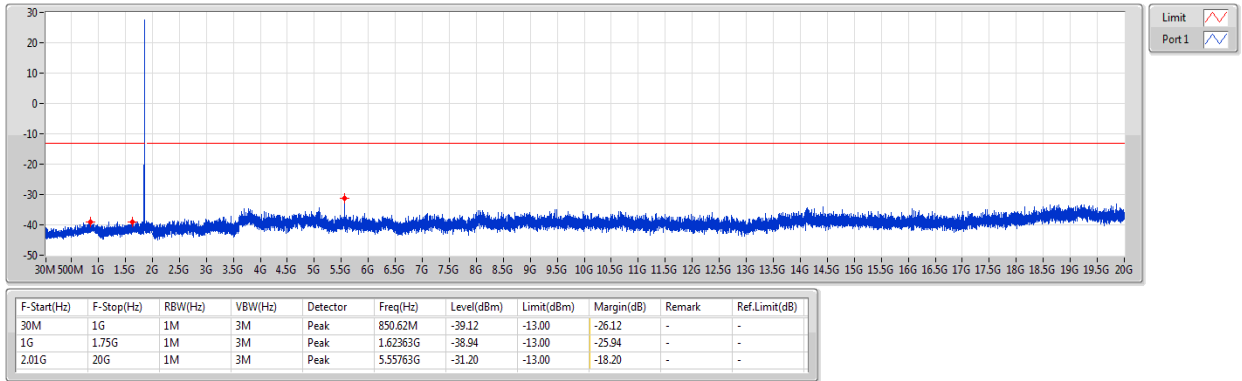
CSE-TX-Sum



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	871.96M	-38.53	-13.00	-25.53	-	-
1G	1.75G	1M	3M	Peak	1.69338G	-38.87	-13.00	-25.87	-	-
2.01G	20G	1M	3M	Peak	5.72583G	-31.62	-13.00	-18.62	-	-

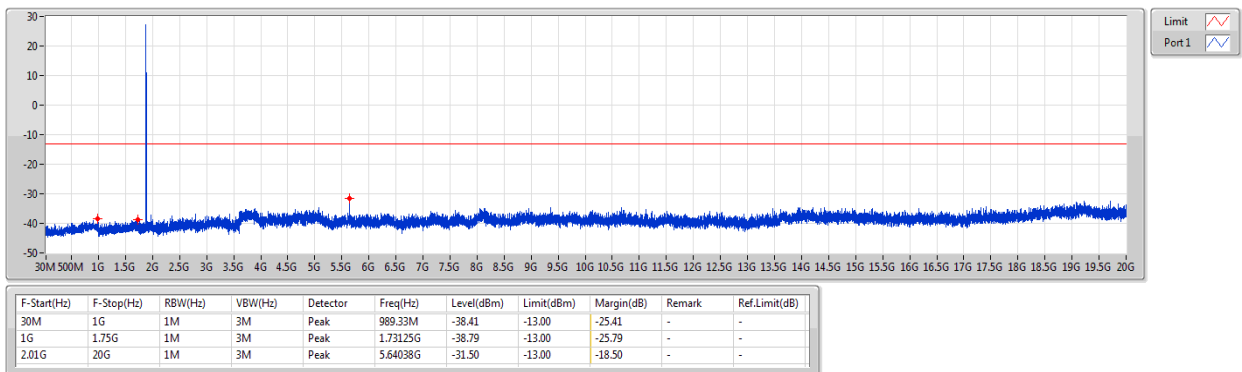
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 1,#RB 12

CSE-TX-Sum



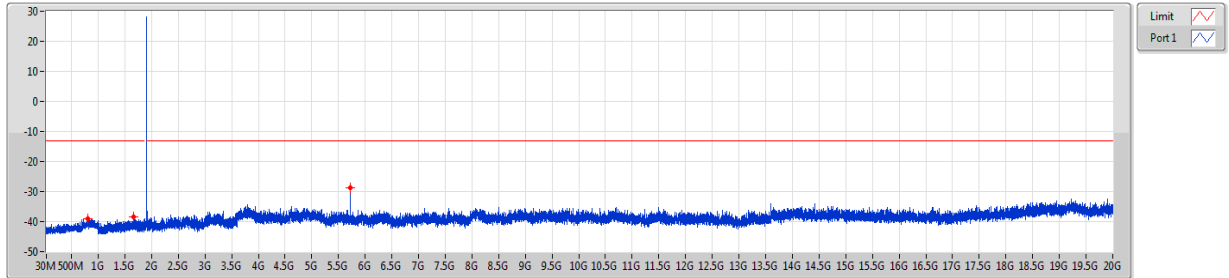
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB 12

CSE-TX-Sum



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK_RB 1,#RB 12

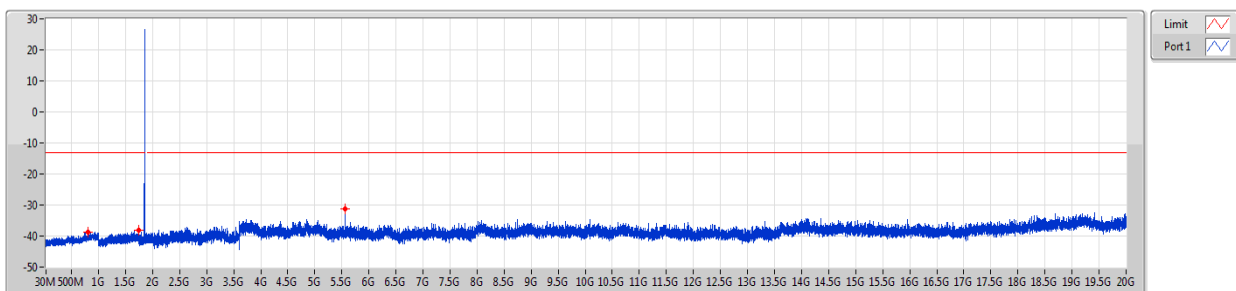
CSE-TX-Sum



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	802.12M	-38.95	-13.00	-25.95	-	-
1G	1.75G	1M	3M	Peak	1.66938G	-38.56	-13.00	-25.56	-	-
2.01G	20G	1M	3M	Peak	5.72314G	-28.83	-13.00	-15.83	-	-

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 1,#RB 12

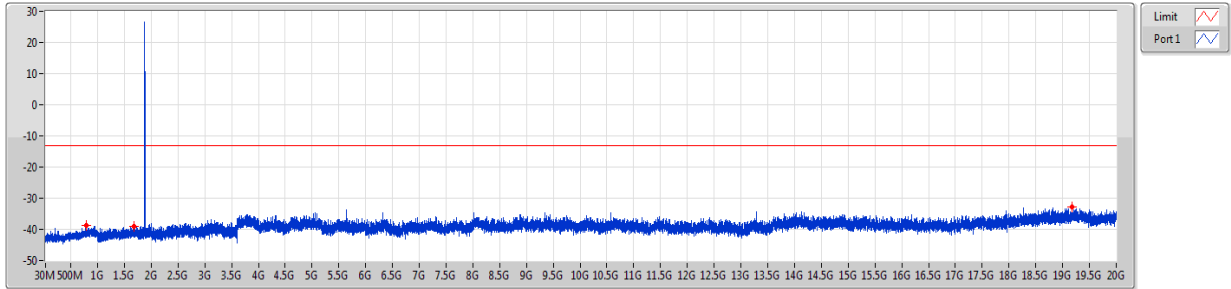
CSE-TX-Sum



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	800.18M	-38.73	-13.00	-25.73	-	-
1G	1.75G	1M	3M	Peak	1.73838G	-38.28	-13.00	-25.28	-	-
2.01G	20G	1M	3M	Peak	5.55763G	-31.36	-13.00	-18.36	-	-

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB 12

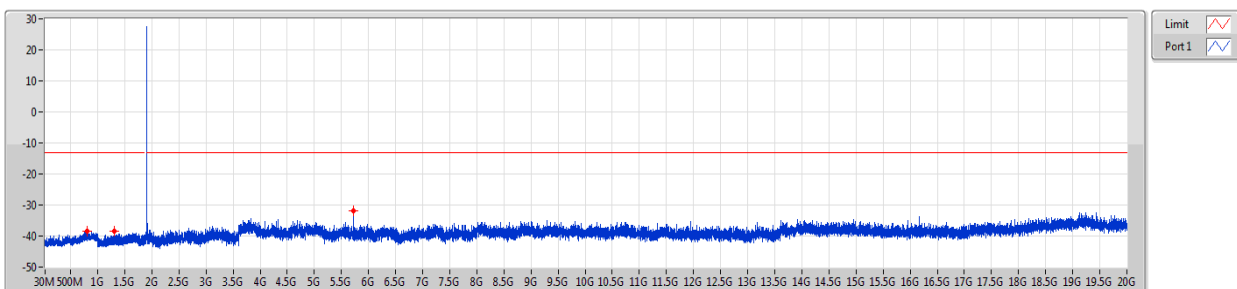
CSE-TX-Sum



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	796.3M	-38.89	-13.00	-25.89	-	-
1G	1.75G	1M	3M	Peak	1.6825G	-39.16	-13.00	-26.16	-	-
2.01G	20G	1M	3M	Peak	19.17066G	-32.82	-13.00	-19.82	-	-

Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM_RB 1,#RB 12

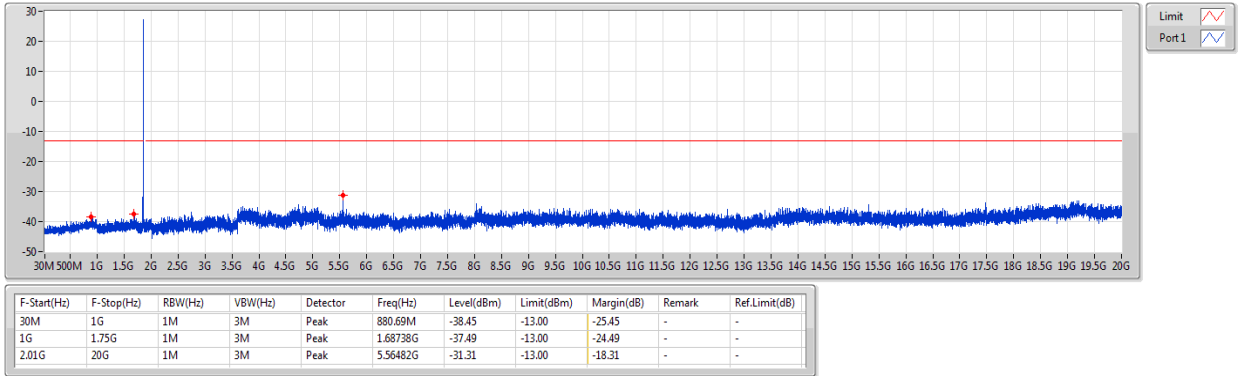
CSE-TX-Sum



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	804.06M	-38.54	-13.00	-25.54	-	-
1G	1.75G	1M	3M	Peak	1.30713G	-38.49	-13.00	-25.49	-	-
2.01G	20G	1M	3M	Peak	5.72314G	-31.90	-13.00	-18.90	-	-

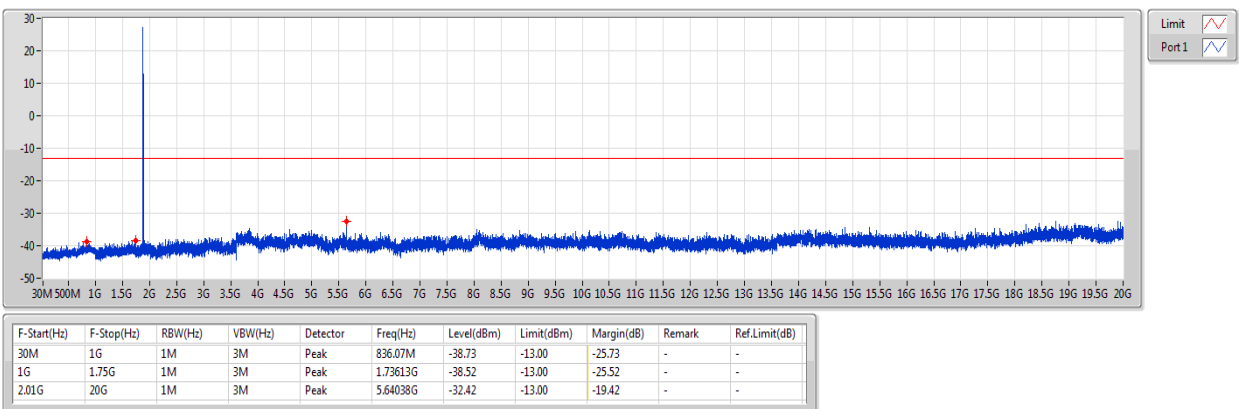
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 1,#RB 25

CSE-TX-Sum



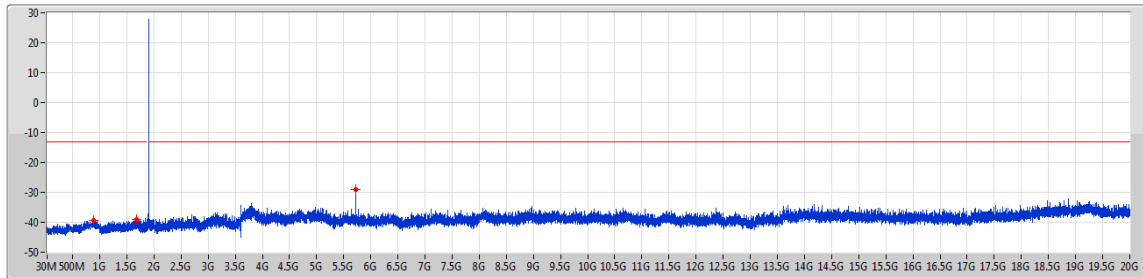
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB 25

CSE-TX-Sum



Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 1,#RB 25

CSE-TX-Sum

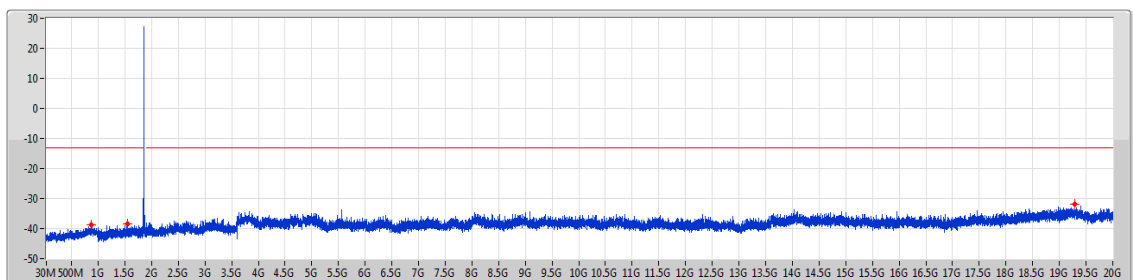


Limit 
Port1 

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	-39.42	-13.00	-26.42	-	-
1G	1.75G	1M	3M	Peak	1.68213G	-39.17	-13.00	-26.17	-	-
2.01G	20G	1M	3M	Peak	5.71504G	-29.17	-13.00	-16.17	-	-

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM_RB 1,#RB 25

CSE-TX-Sum

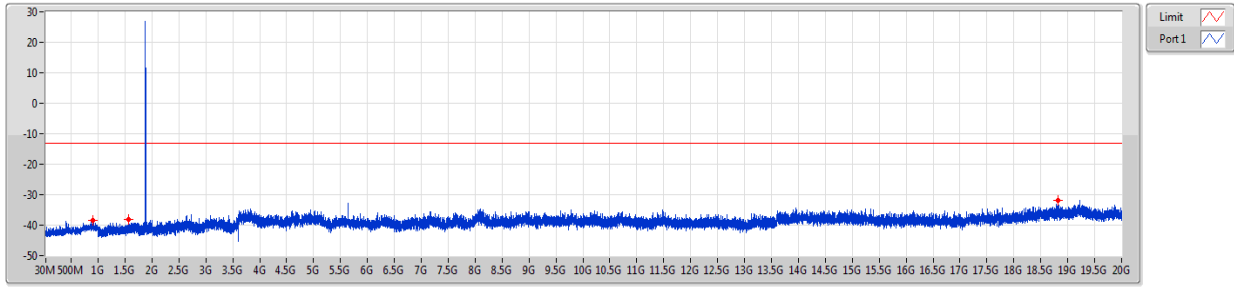


Limit 
Port1 

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	878.75M	-38.76	-13.00	-25.76	-	-
1G	1.75G	1M	3M	Peak	1.552G	-38.33	-13.00	-25.33	-	-
2.01G	20G	1M	3M	Peak	19.29299G	-31.89	-13.00	-18.89	-	-

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB 25

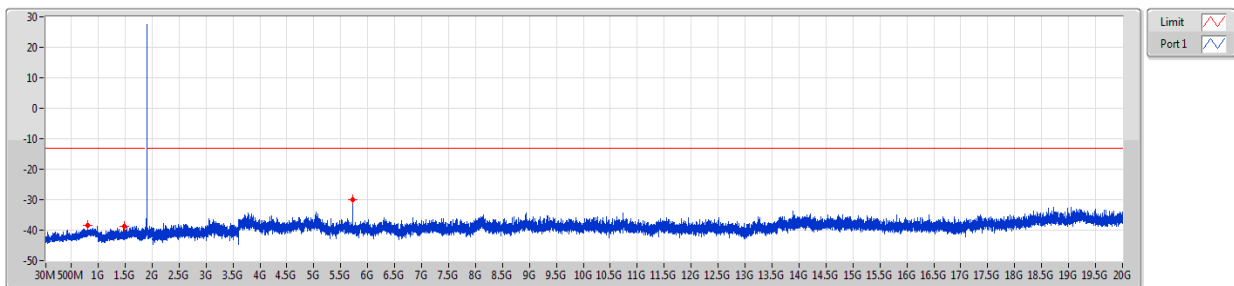
CSE-TX-Sum



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	904.94M	-38.54	-13.00	-25.54	-	-
1G	1.75G	1M	3M	Peak	1.56625G	-38.22	-13.00	-25.22	-	-
2.01G	20G	1M	3M	Peak	18.81896G	-31.93	-13.00	-18.93	-	-

Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 1,#RB 25

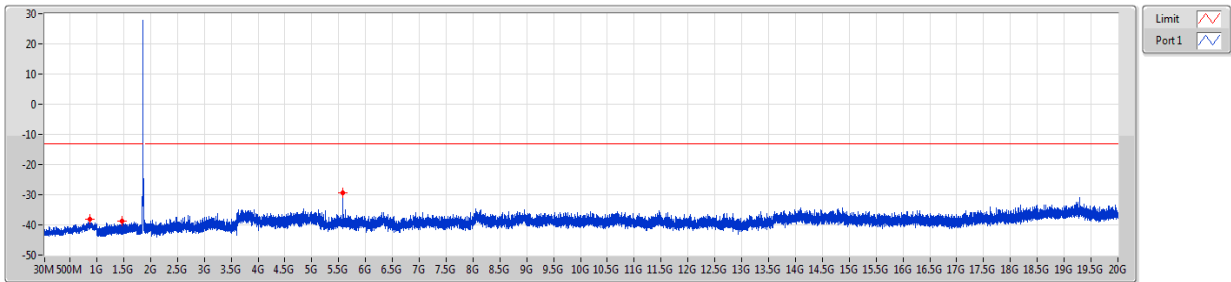
CSE-TX-Sum



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	807.94M	-38.43	-13.00	-25.43	-	-
1G	1.75G	1M	3M	Peak	1.48113G	-38.64	-13.00	-25.64	-	-
2.01G	20G	1M	3M	Peak	5.71594G	-29.88	-13.00	-16.88	-	-

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 1,#RB 37

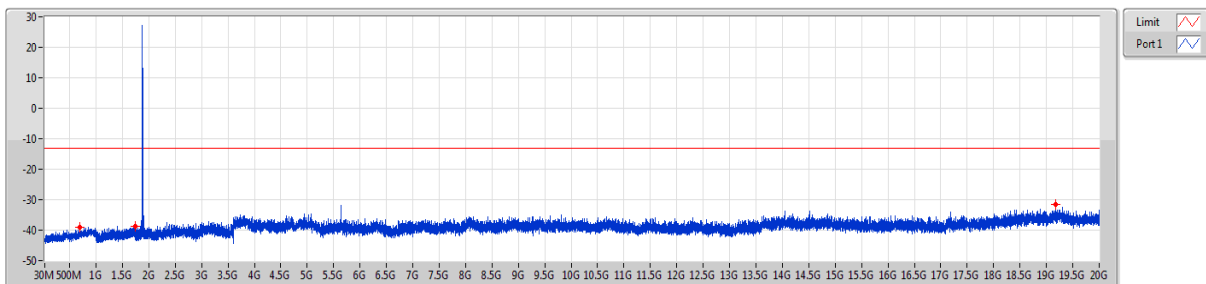
CSE-TX-Sum



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	877.78M	-38.19	-13.00	-25.19	-	-
1G	1.75G	1M	3M	Peak	1.46538G	-38.65	-13.00	-25.65	-	-
2.01G	20G	1M	3M	Peak	5.57292G	-29.39	-13.00	-16.39	-	-

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB 37

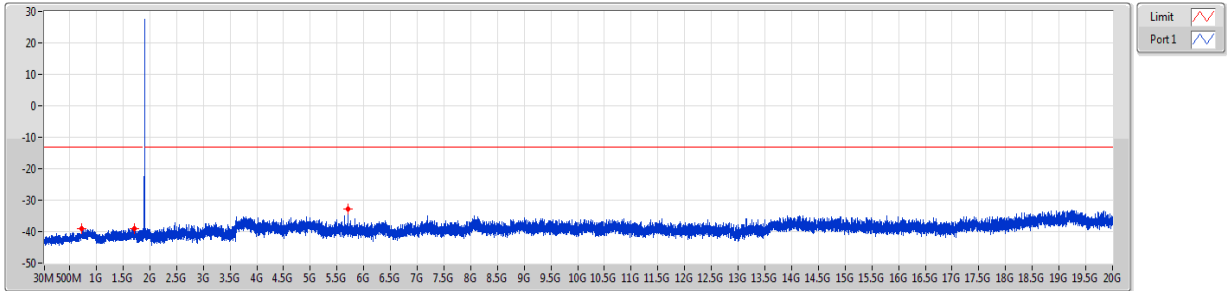
CSE-TX-Sum



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	691.54M	-38.97	-13.00	-25.97	-	-
1G	1.75G	1M	3M	Peak	1.73688G	-38.64	-13.00	-25.64	-	-
2.01G	20G	1M	3M	Peak	19.16796G	-31.46	-13.00	-18.46	-	-

Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 1,#RB 37

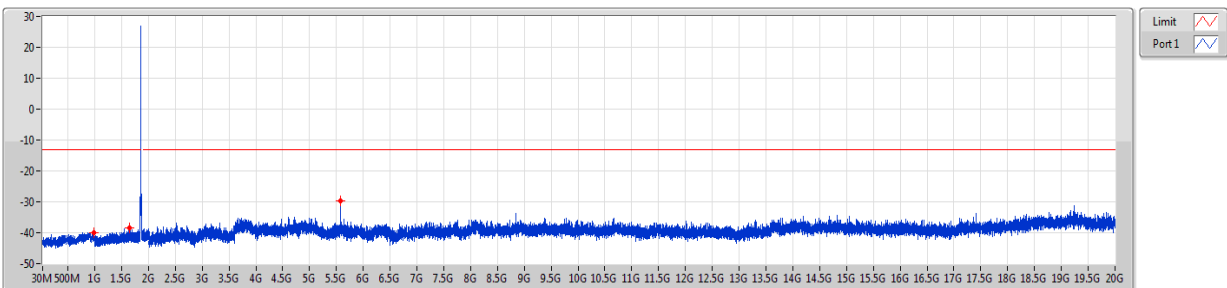
CSE-TX-Sum



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	731.31M	-39.06	-13.00	-26.06	-	-
1G	1.75G	1M	3M	Peak	1.71663G	-38.93	-13.00	-25.93	-	-
2.01G	20G	1M	3M	Peak	5.70784G	-32.74	-13.00	-19.74	-	-

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 1,#RB 37

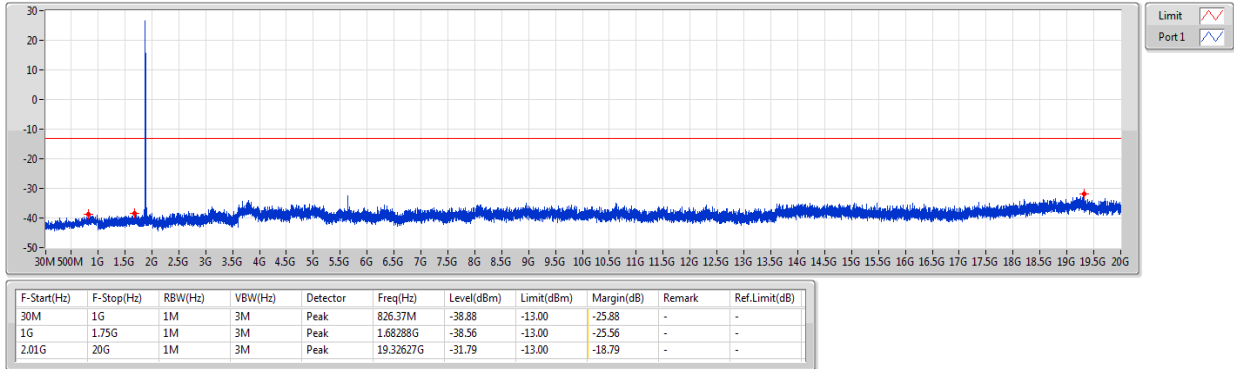
CSE-TX-Sum



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	986.42M	-39.87	-13.00	-26.87	-	-
1G	1.75G	1M	3M	Peak	1.64838G	-38.30	-13.00	-25.30	-	-
2.01G	20G	1M	3M	Peak	5.57292G	-29.70	-13.00	-16.70	-	-

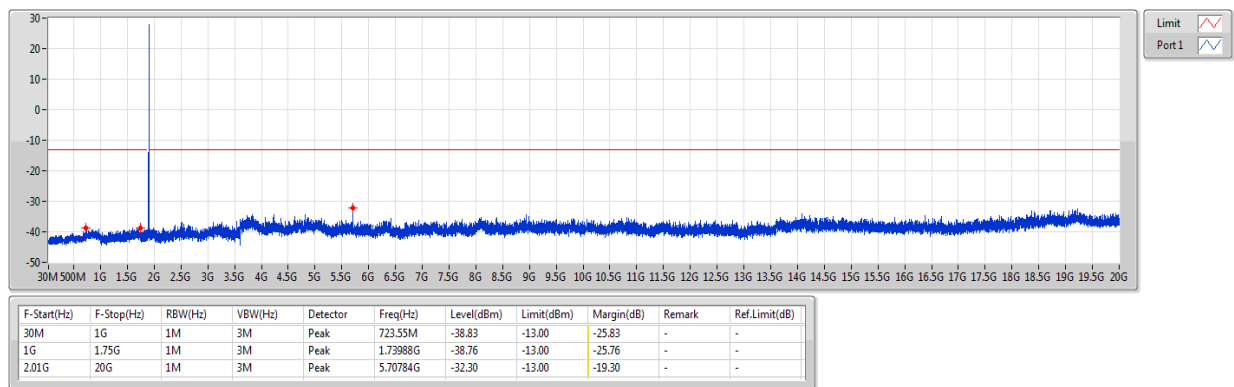
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB 37

CSE-TX-Sum



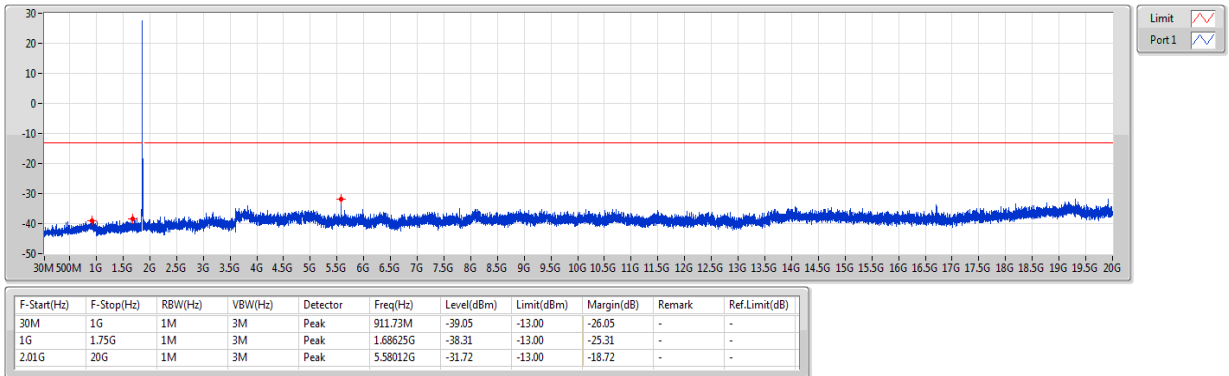
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1902.5MHz_16QAM_RB 1,#RB 37

CSE-TX-Sum



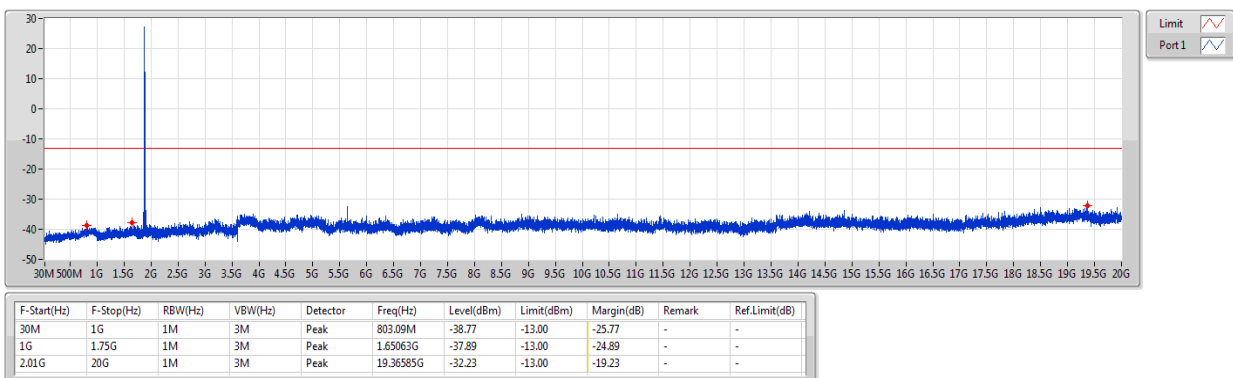
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 1,#RB 49

CSE-TX-Sum



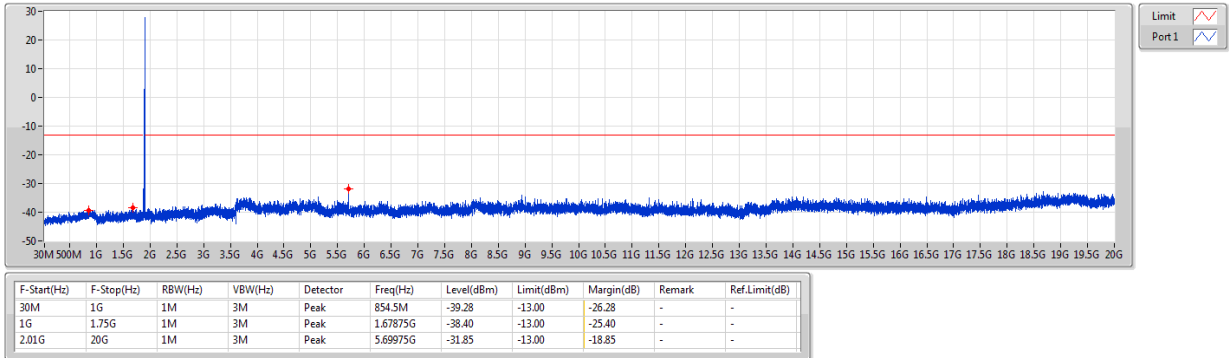
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB 49

CSE-TX-Sum



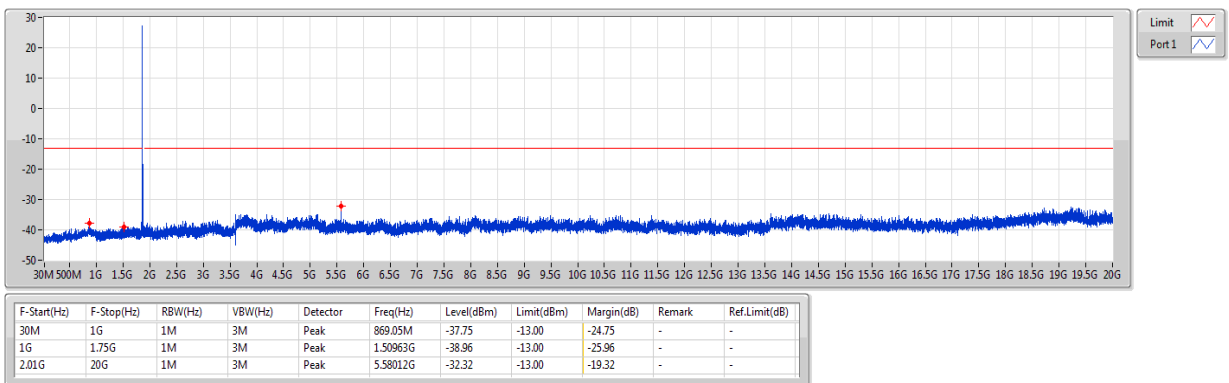
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 1,#RB 49

CSE-TX-Sum



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 1,#RB 49

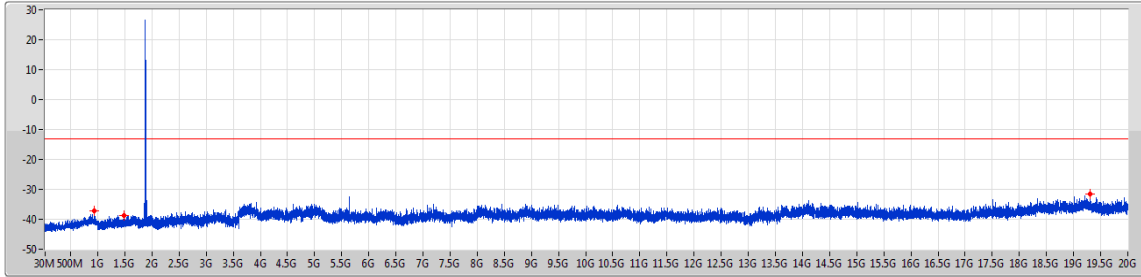
CSE-TX-Sum



Band 2_LTE_20MHz_Nss1,16QAM_1TX

CSE-TX-Sum

1880MHz_16QAM_RB 1,#RB 49



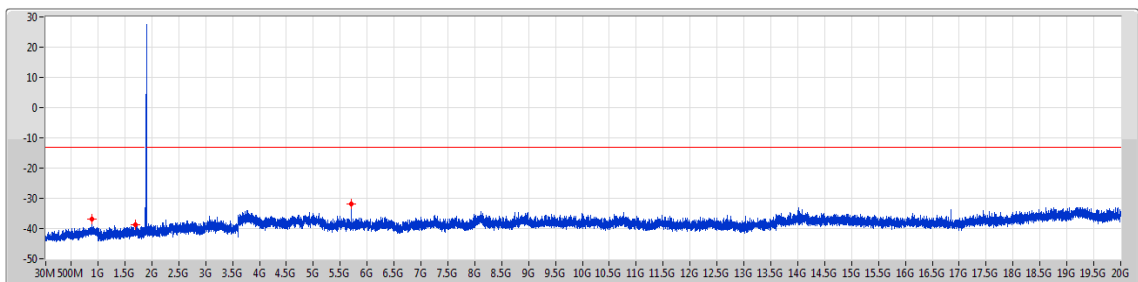
Limit 
Port1 

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	934.04M	-37.12	-13.00	-24.12	-	-
1G	1.75G	1M	3M	Peak	1.4815G	-38.67	-13.00	-25.67	-	-
2.01G	20G	1M	3M	Peak	19.30469G	-31.43	-13.00	-18.43	-	-

Band 2_LTE_20MHz_Nss1,16QAM_1TX

CSE-TX-Sum

1900MHz_16QAM_RB 1,#RB 49



Limit 
Port1 

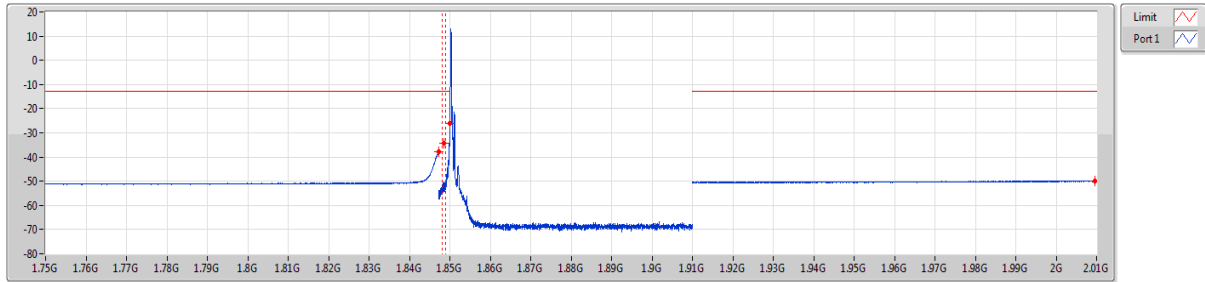
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	1G	1M	3M	Peak	883.6M	-37.00	-13.00	-24.00	-	-
1G	1.75G	1M	3M	Peak	1.70275G	-38.63	-13.00	-25.63	-	-
2.01G	20G	1M	3M	Peak	5.69975G	-31.98	-13.00	-18.98	-	-

Band edge 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	1.91G	1.911G	15k	47k	RMS	1.91001G	-22.64	-13.00	-9.64	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.91G	1.911G	15k	47k	RMS	1.91001G	-21.98	-13.00	-8.98	-	-
LTE_3MHz_Nss1,QPSK_1TX	Pass	1.91G	1.911G	30k	100k	RMS	1.91G	-19.82	-13.00	-6.82	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	1.91G	1.911G	30k	100k	RMS	1.91G	-20.76	-13.00	-7.76	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	1.91G	1.911G	51k	160k	RMS	1.91G	-21.01	-13.00	-8.01	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.849G	1.85G	51k	160k	RMS	1.85G	-22.09	-13.00	-9.09	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-24.22	-13.00	-11.22	MBW 1M	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-26.40	-13.00	-13.40	MBW 1M	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-23.10	-13.00	-10.10	MBW 1M	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-25.61	-13.00	-12.61	MBW 1M	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-23.98	-13.00	-10.98	MBW 1M	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-26.34	-13.00	-13.34	MBW 1M	-

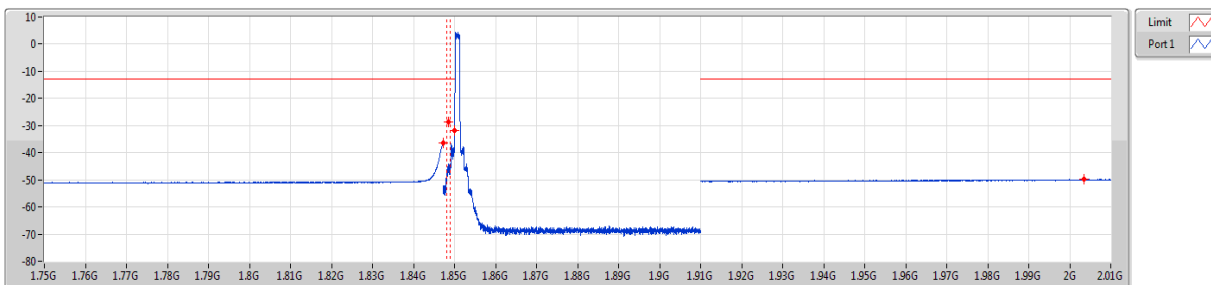
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



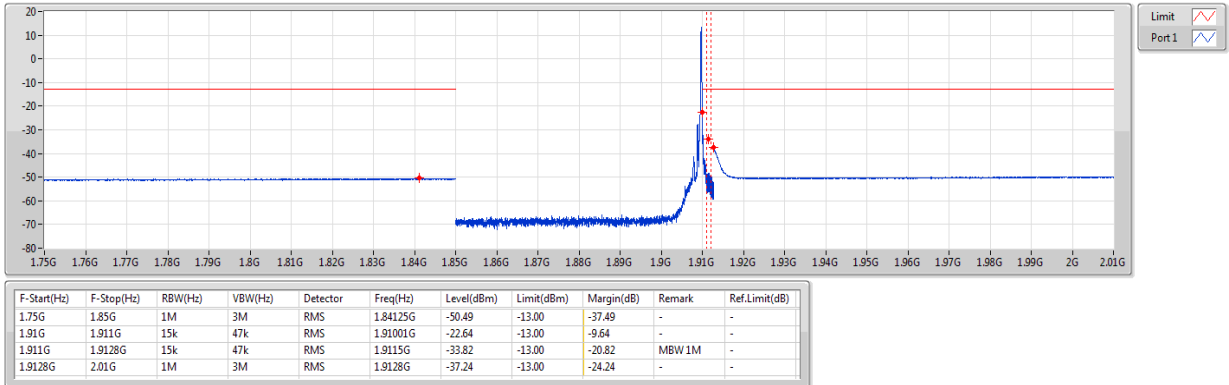
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum



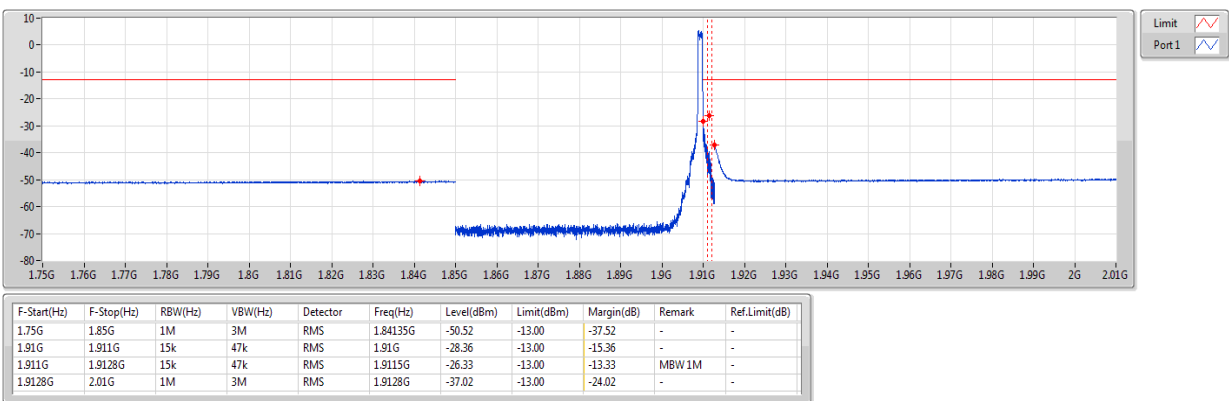
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 1,#RB 5

CSE-TX-Sum



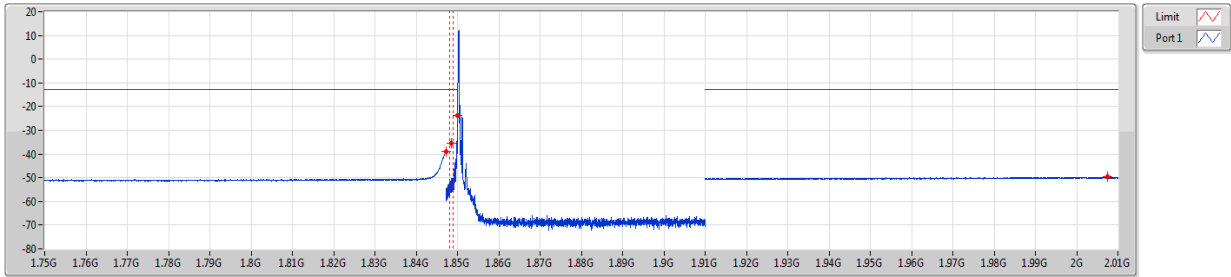
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum



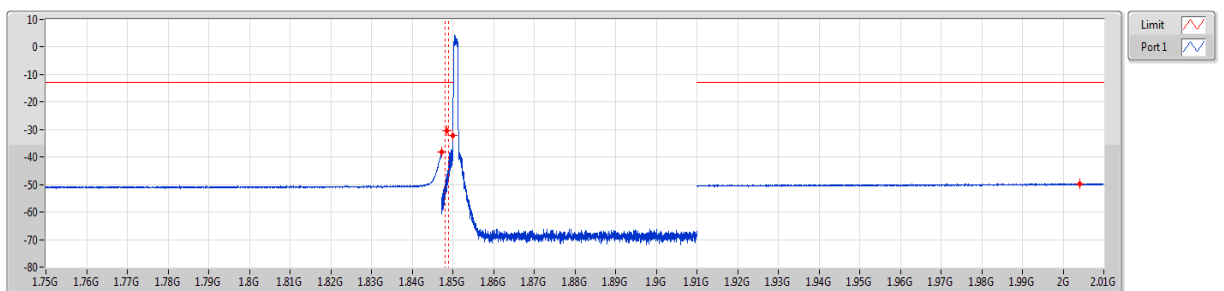
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



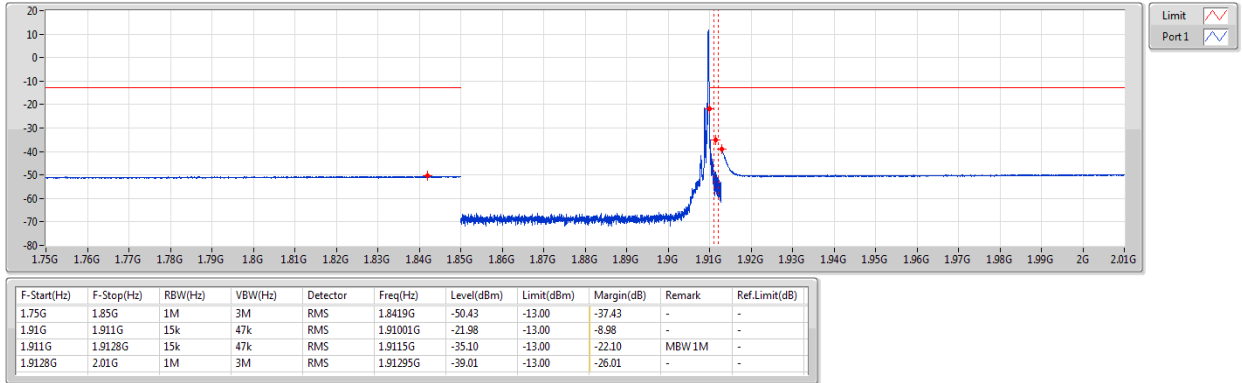
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum



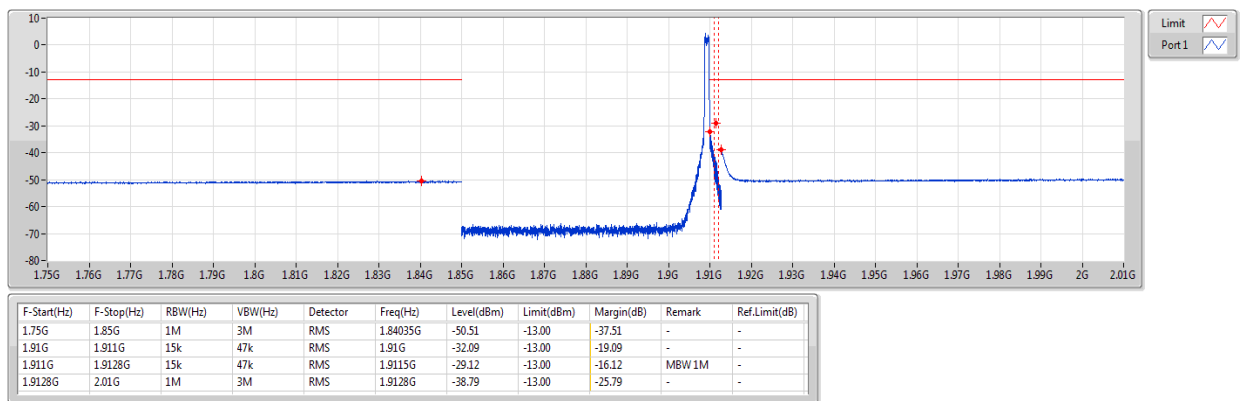
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 1,#RB 5

CSE-TX-Sum



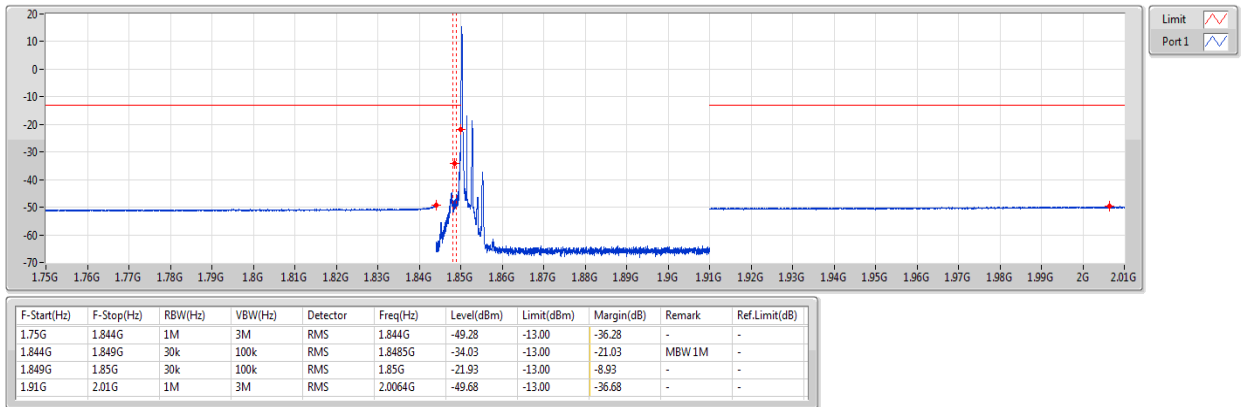
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum



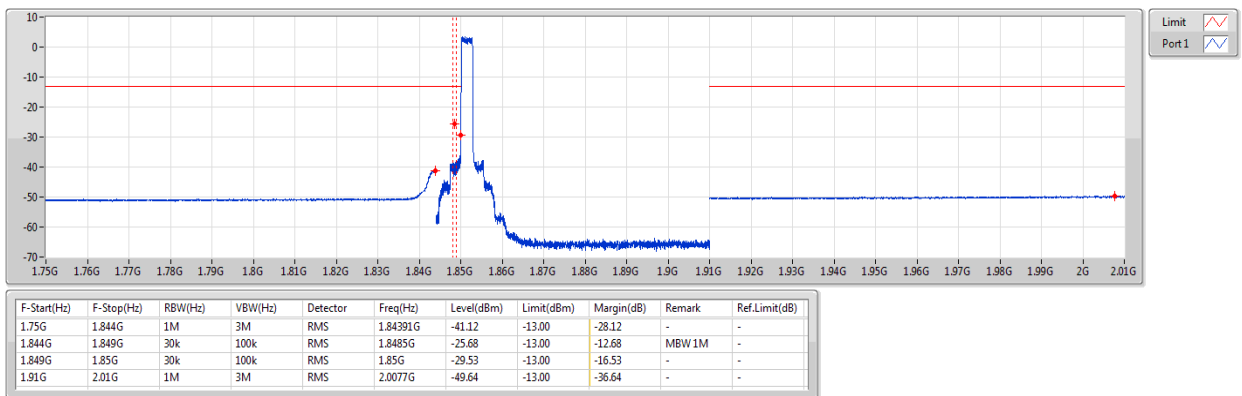
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



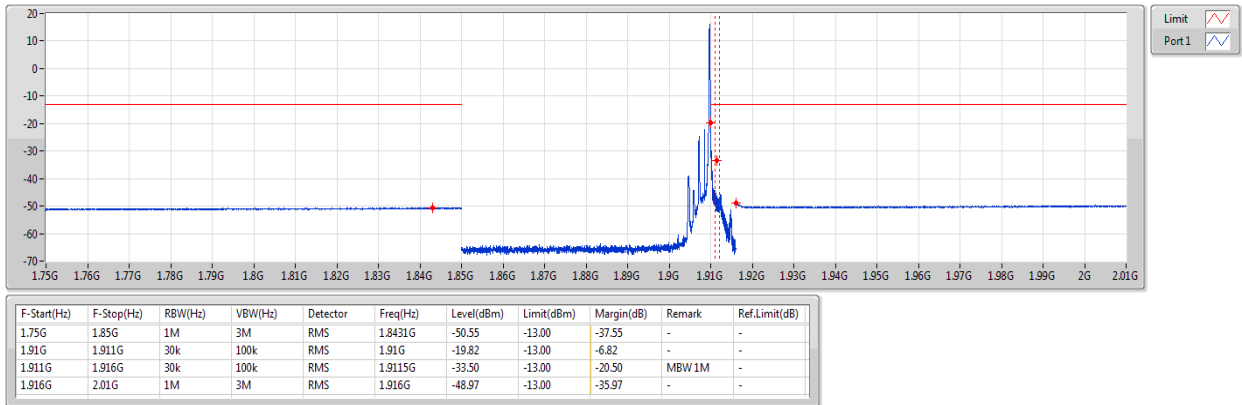
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum



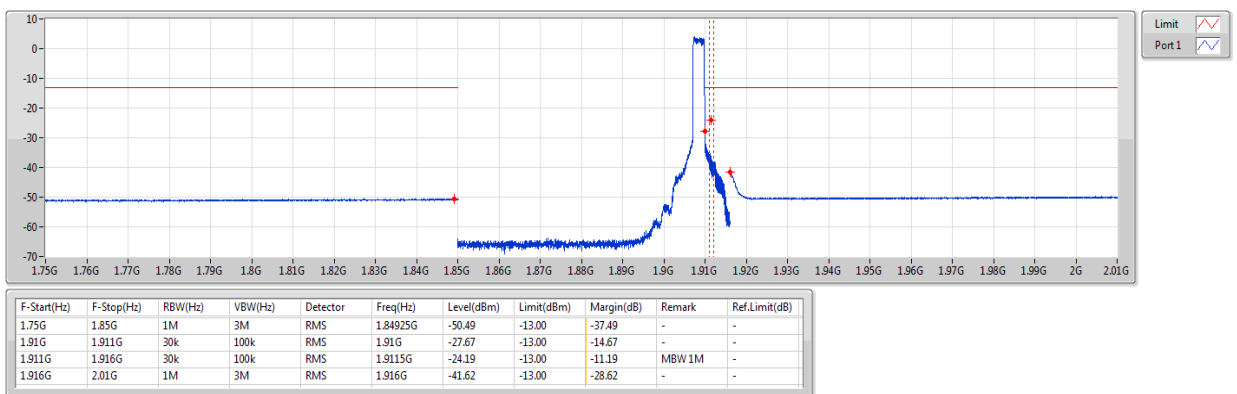
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 1,#RB 14

CSE-TX-Sum



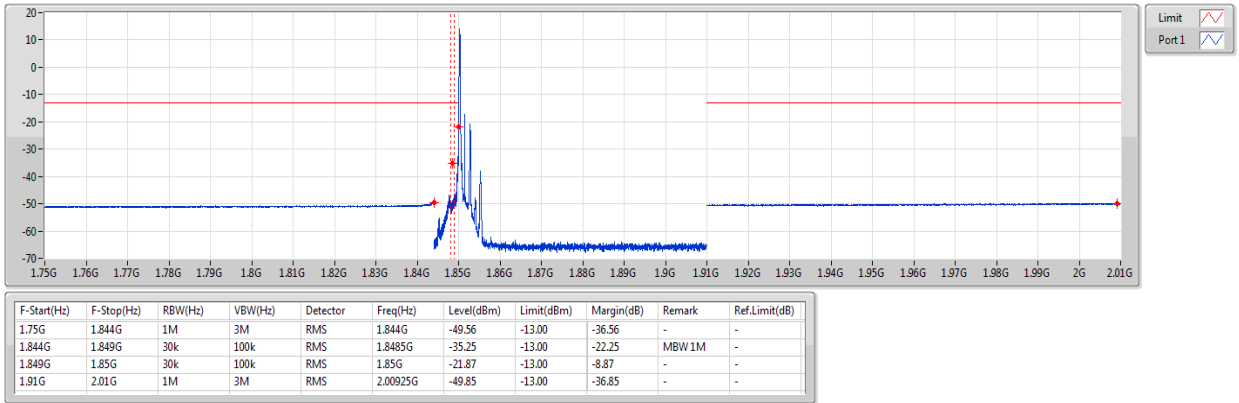
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum



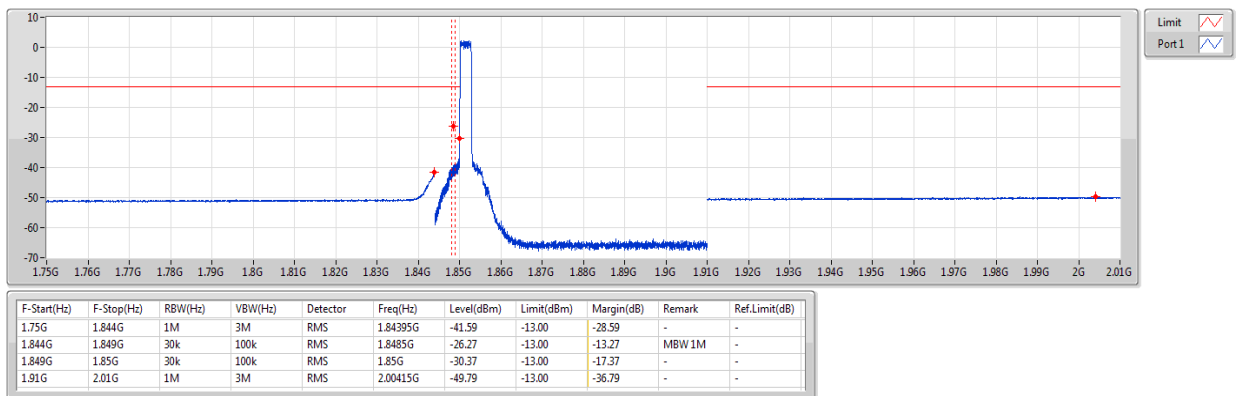
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



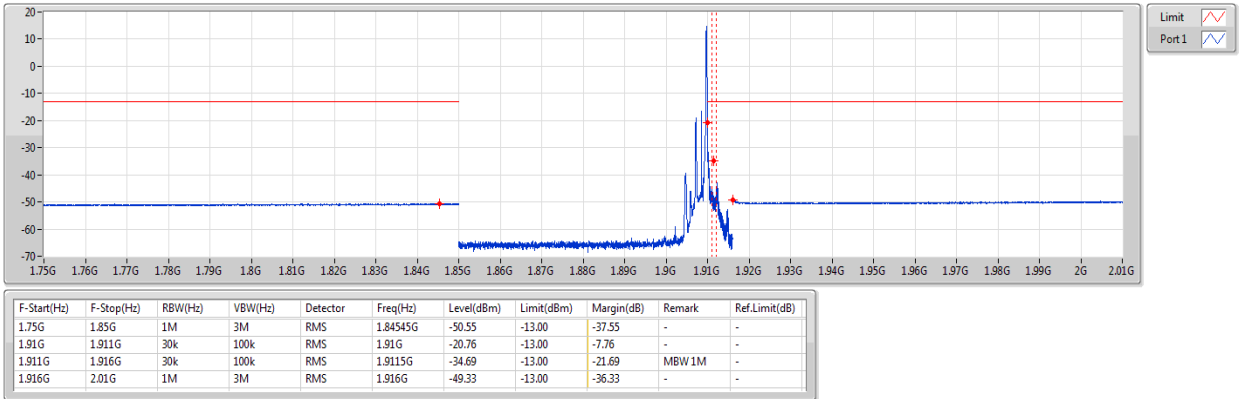
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum



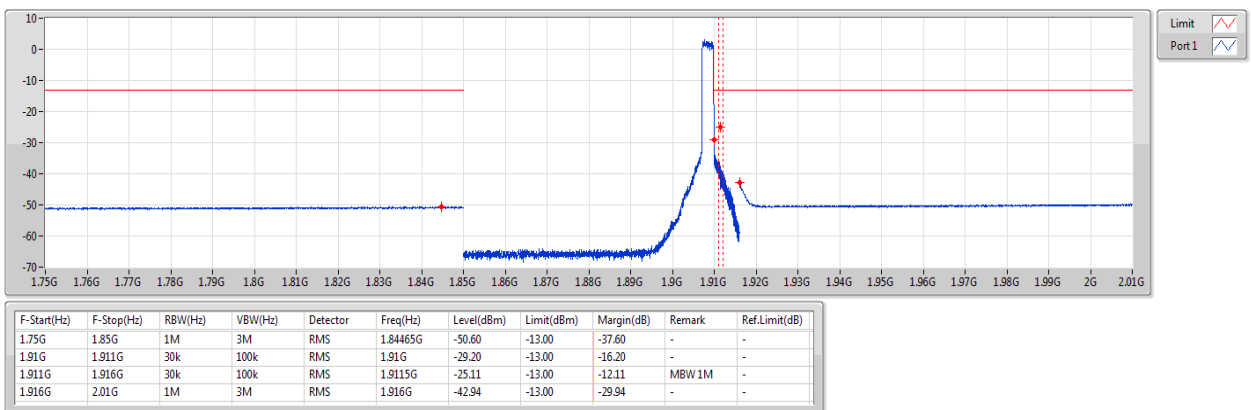
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 1,#RB 14

CSE-TX-Sum



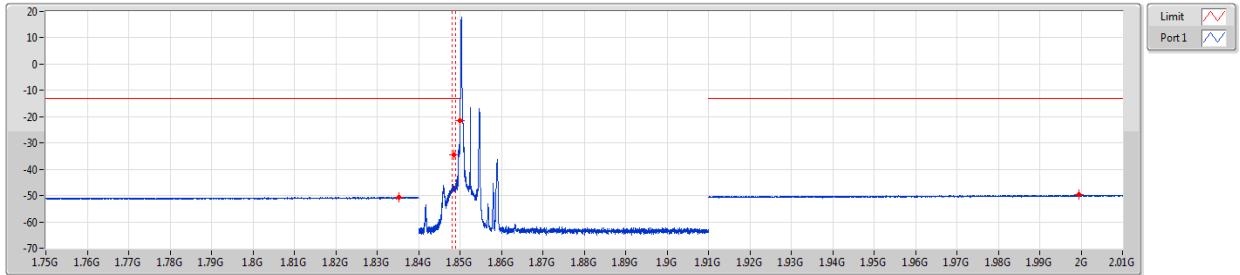
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum



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

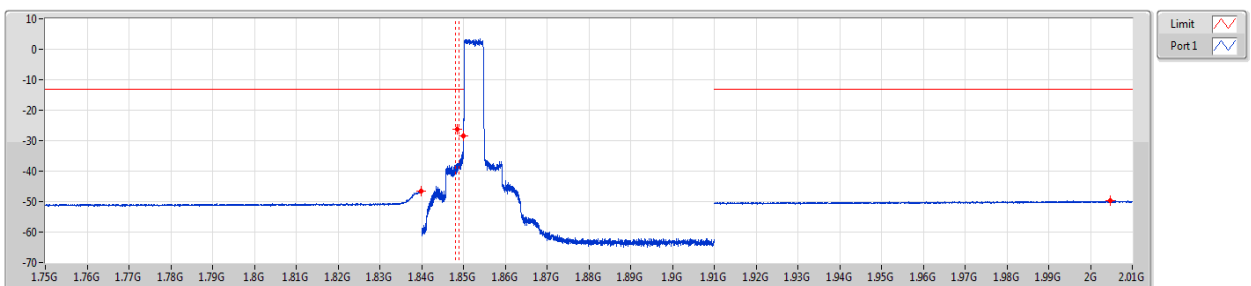
CSE-TX-Sum



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	1.83528G	-50.56	-13.00	-37.56	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-34.43	-13.00	-21.43	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.85G	-21.37	-13.00	-8.37	-	-
1.91G	2.01G	1M	3M	RMS	1.99945G	-49.77	-13.00	-36.77	-	-

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

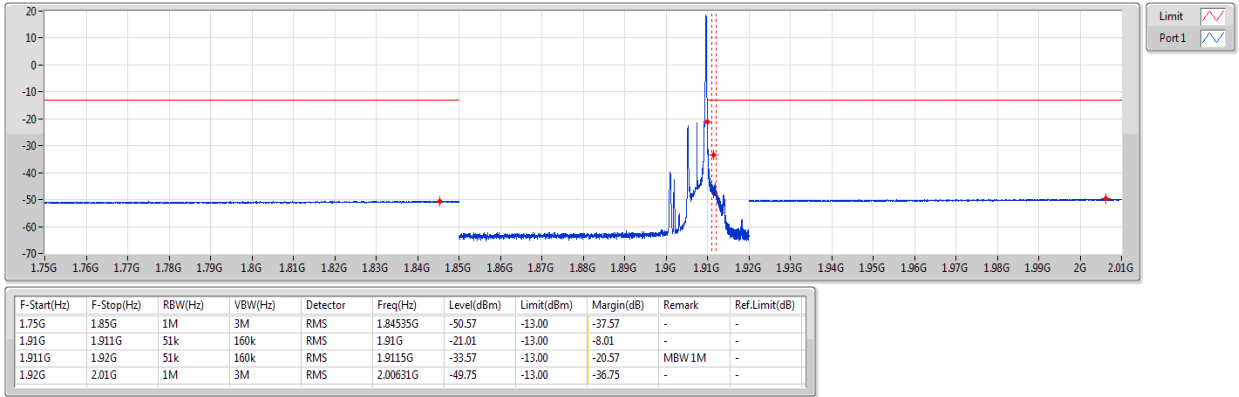
CSE-TX-Sum



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	1.83996G	-46.66	-13.00	-33.66	-	-
1.84G	1.849G	51k	160k	RMS	1.8485G	-26.11	-13.00	-13.11	MBW 1M	-
1.849G	1.85G	51k	160k	RMS	1.85G	-28.36	-13.00	-15.36	-	-
1.91G	2.01G	1M	3M	RMS	2.0047G	-49.71	-13.00	-36.71	-	-

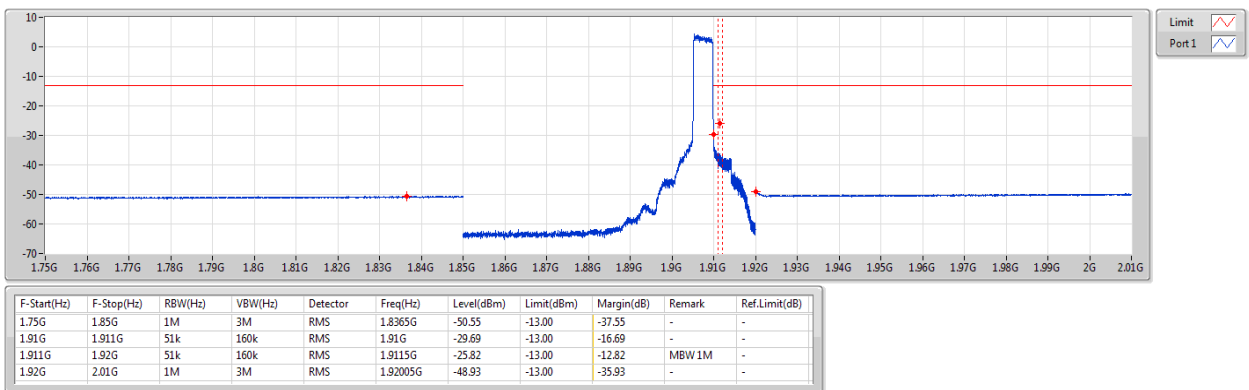
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK_RB 1,#RB 24

CSE-TX-Sum



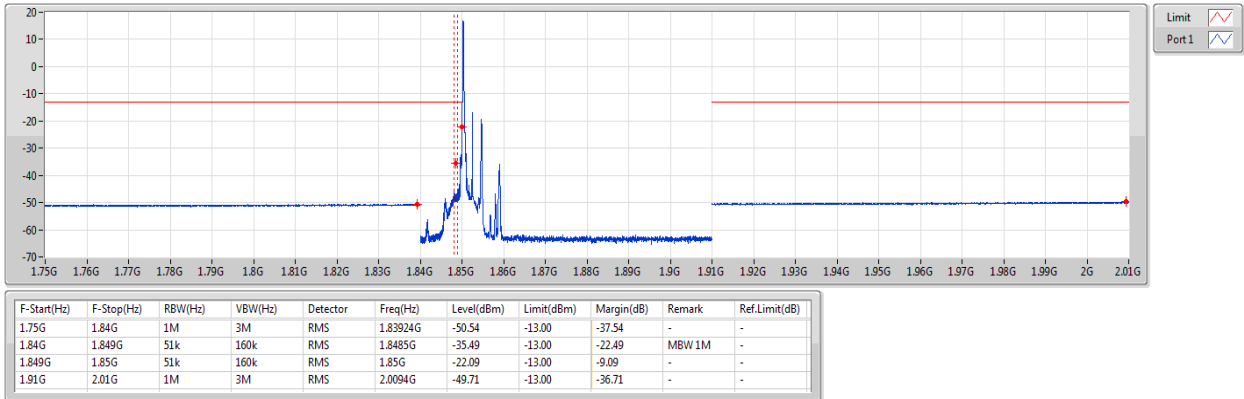
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1907.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum



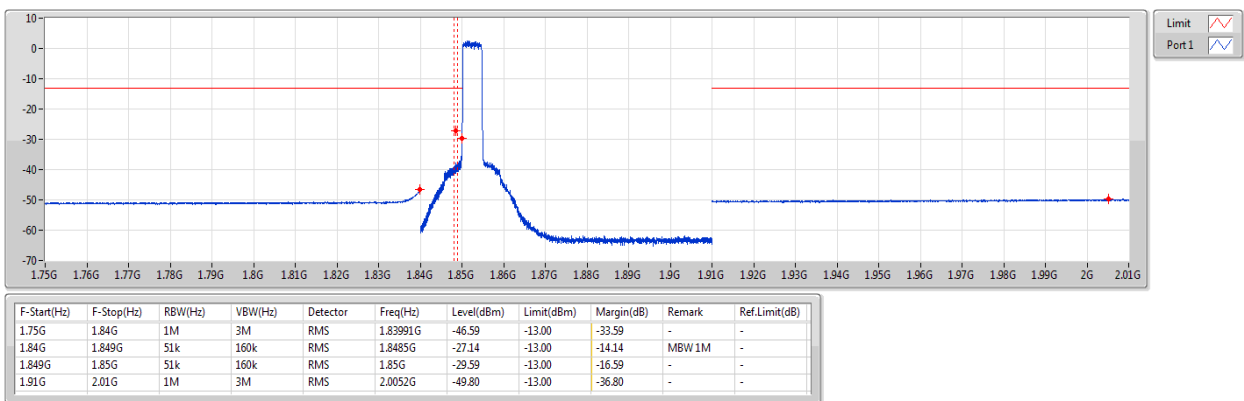
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



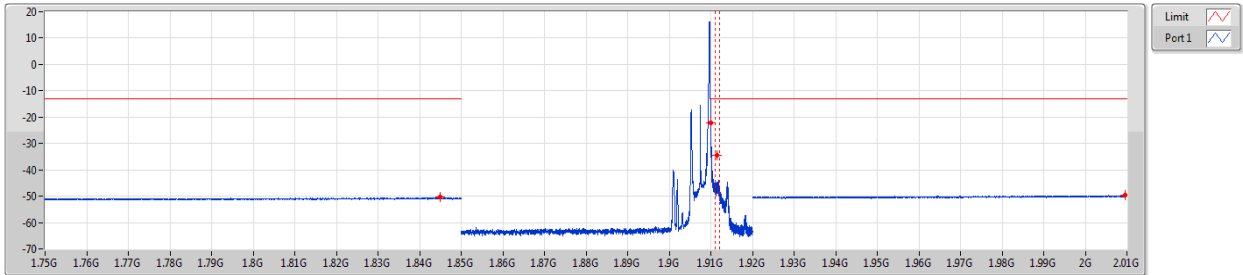
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1852.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum



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

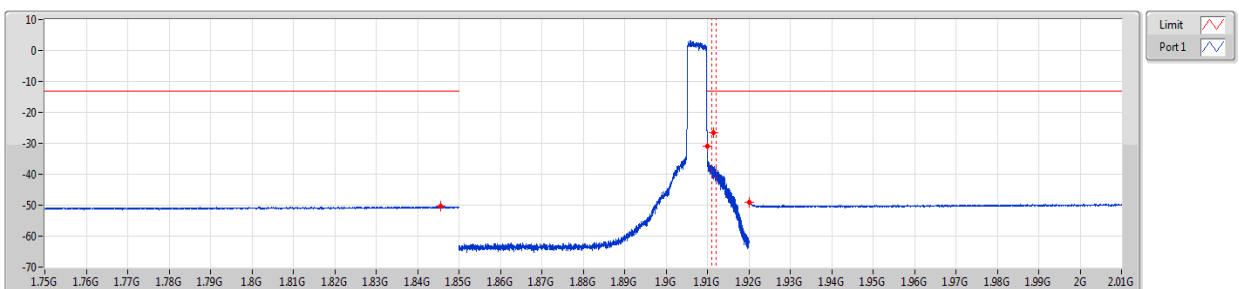
CSE-TX-Sum



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	1.845G	-50.48	-13.00	-37.48	-	-
1.91G	1.911G	51k	160k	RMS	1.91G	-22.30	-13.00	-9.30	-	-
1.911G	1.92G	51k	160k	RMS	1.9115G	-34.54	-13.00	-21.54	MBW 1M	-
1.92G	2.01G	1M	3M	RMS	2.00951G	-49.71	-13.00	-36.71	-	-

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

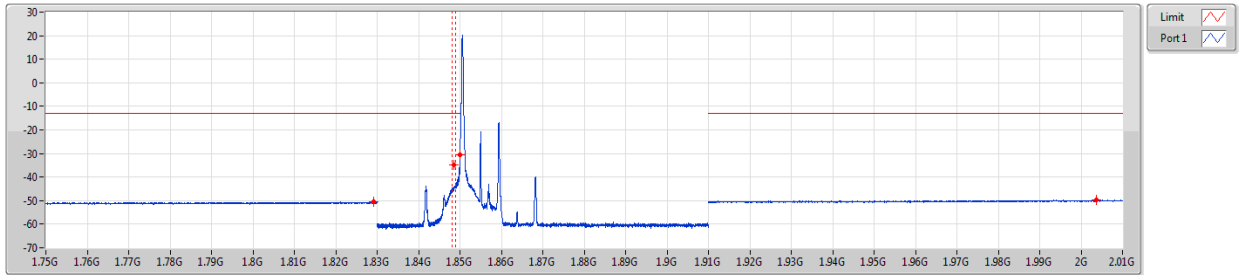
CSE-TX-Sum



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	1.85G	1M	3M	RMS	1.84555G	-50.39	-13.00	-37.39	-	-
1.91G	1.911G	51k	160k	RMS	1.91G	-30.79	-13.00	-17.79	-	-
1.911G	1.92G	51k	160k	RMS	1.9115G	-26.69	-13.00	-13.69	MBW 1M	-
1.92G	2.01G	1M	3M	RMS	1.92018G	-49.21	-13.00	-36.21	-	-

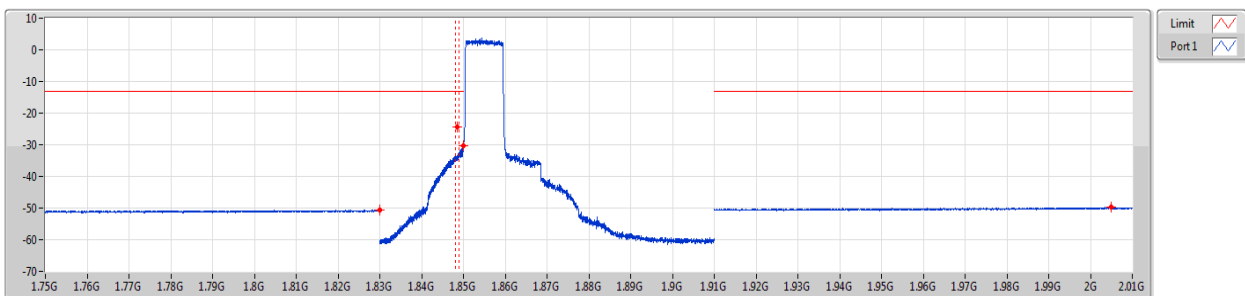
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



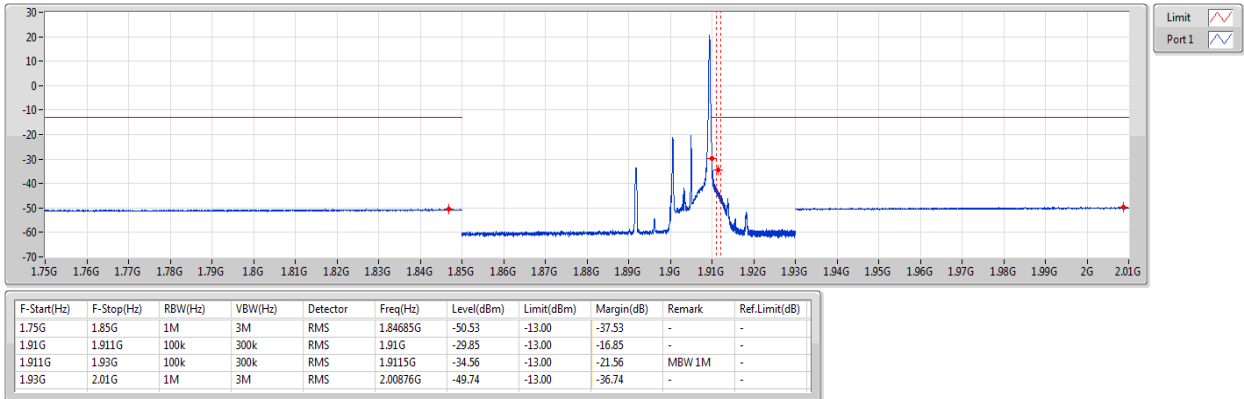
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum



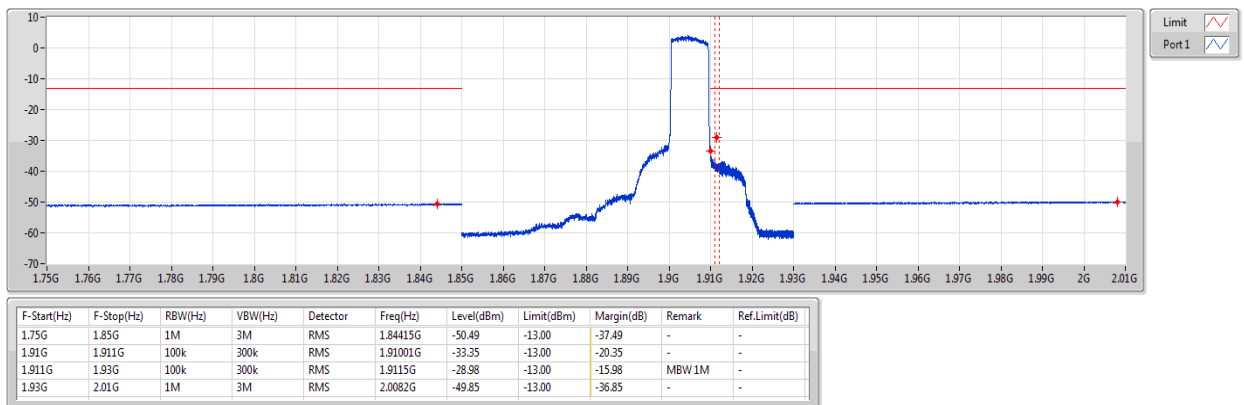
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 1,#RB 49

CSE-TX-Sum



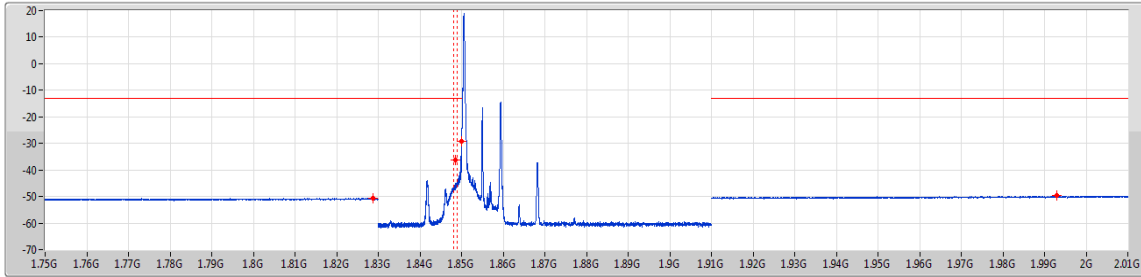
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum



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

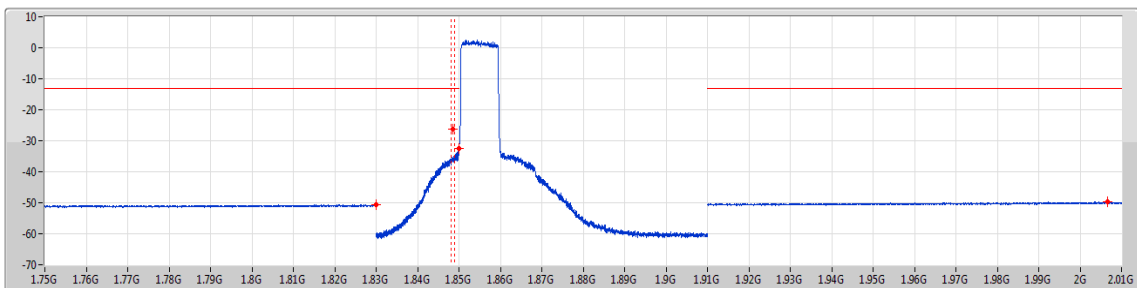
CSE-TX-Sum



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	1.82872G	-50.64	-13.00	-37.64	-	-
1.83G	1.849G	100k	300k	RMS	1.8485G	-36.28	-13.00	-23.28	MBW 1M	-
1.849G	1.85G	100k	300k	RMS	1.85G	-29.28	-13.00	-16.28	-	-
1.91G	2.01G	1M	3M	RMS	1.99285G	-49.78	-13.00	-36.78	-	-

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

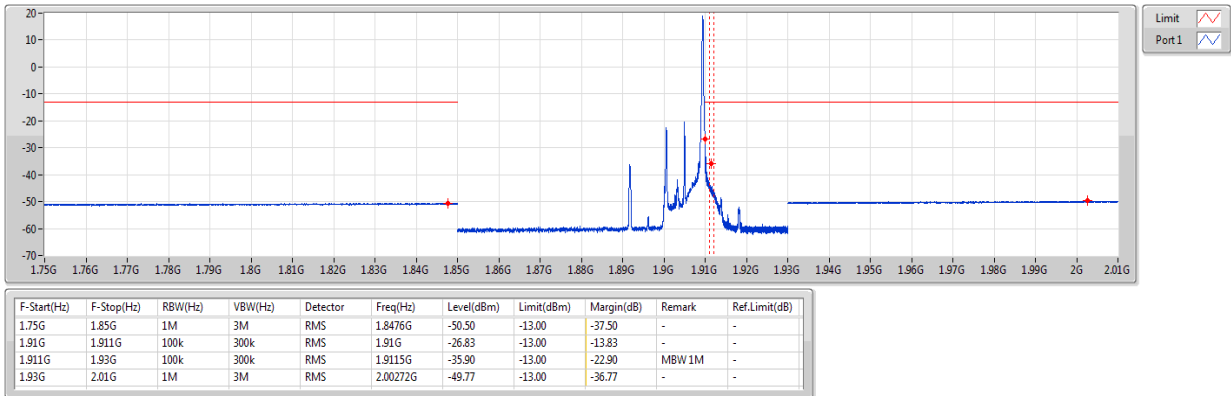
CSE-TX-Sum



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	1.82996G	-50.63	-13.00	-37.63	-	-
1.83G	1.849G	100k	300k	RMS	1.8485G	-26.40	-13.00	-13.40	MBW 1M	-
1.849G	1.85G	100k	300k	RMS	1.85G	-32.47	-13.00	-19.47	-	-
1.91G	2.01G	1M	3M	RMS	2.0067G	-49.79	-13.00	-36.79	-	-

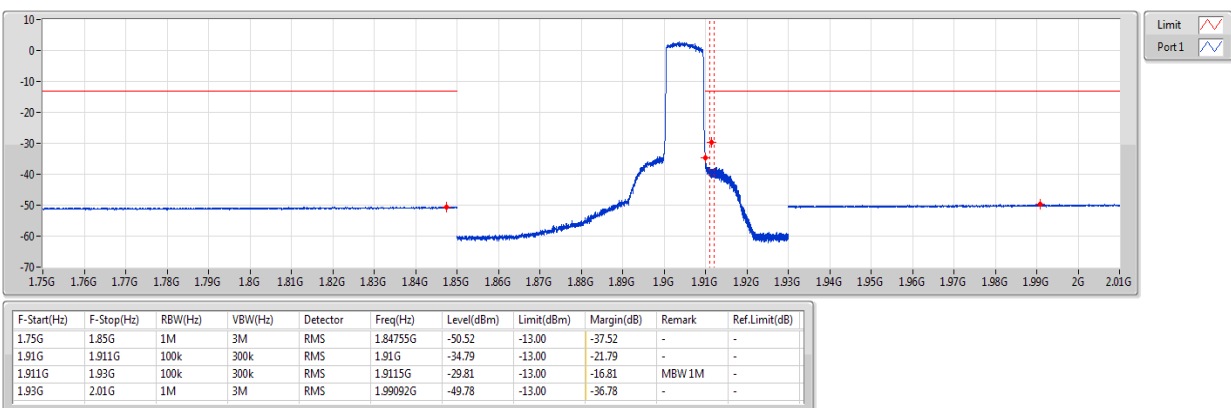
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 1,#RB 49

CSE-TX-Sum



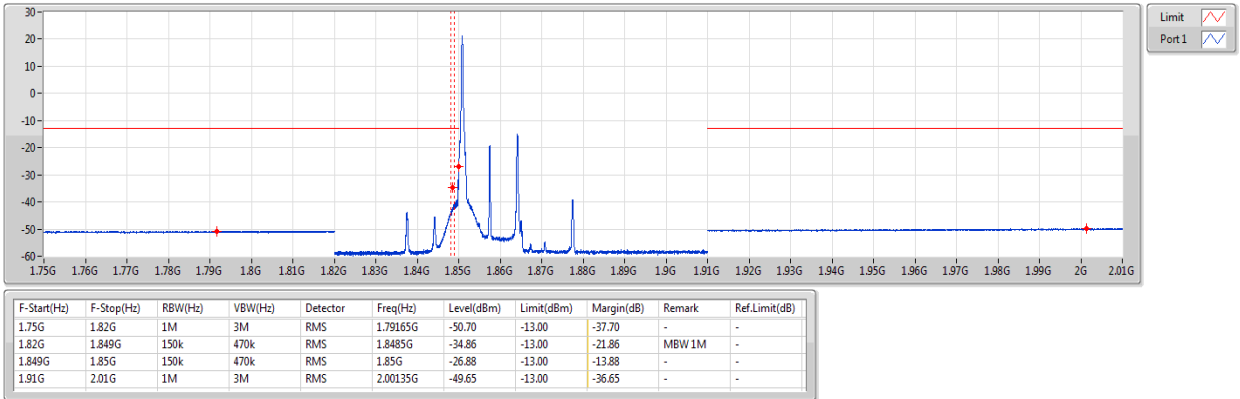
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 50,#RB 0

CSE-TX-Sum



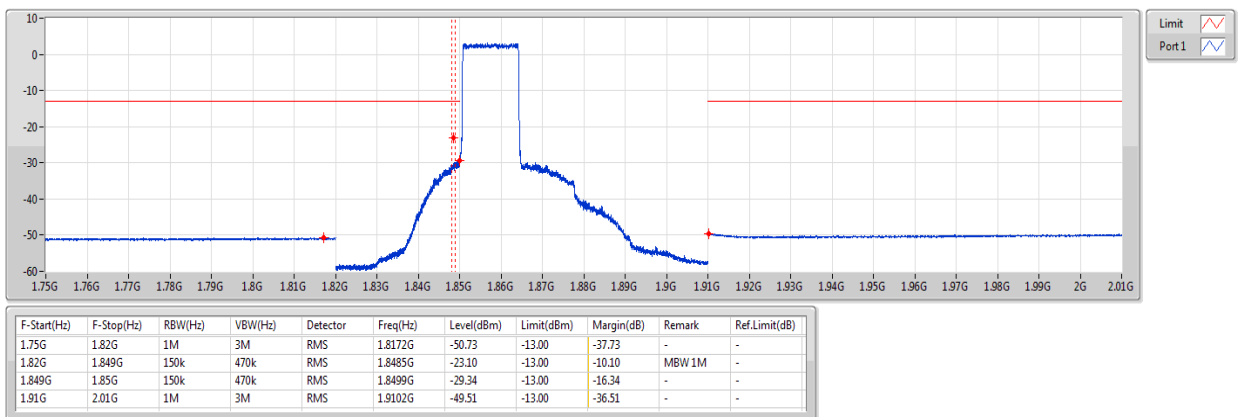
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



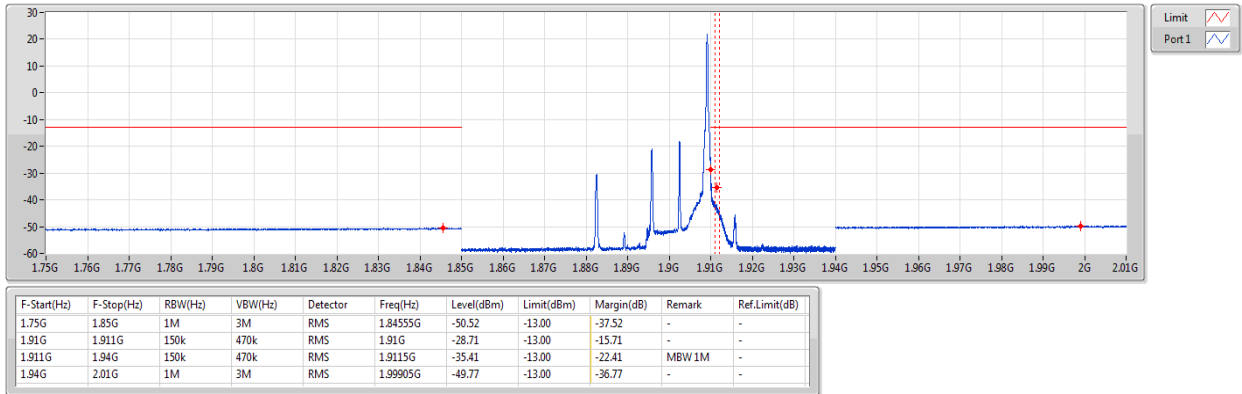
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 75,#RB 0

CSE-TX-Sum



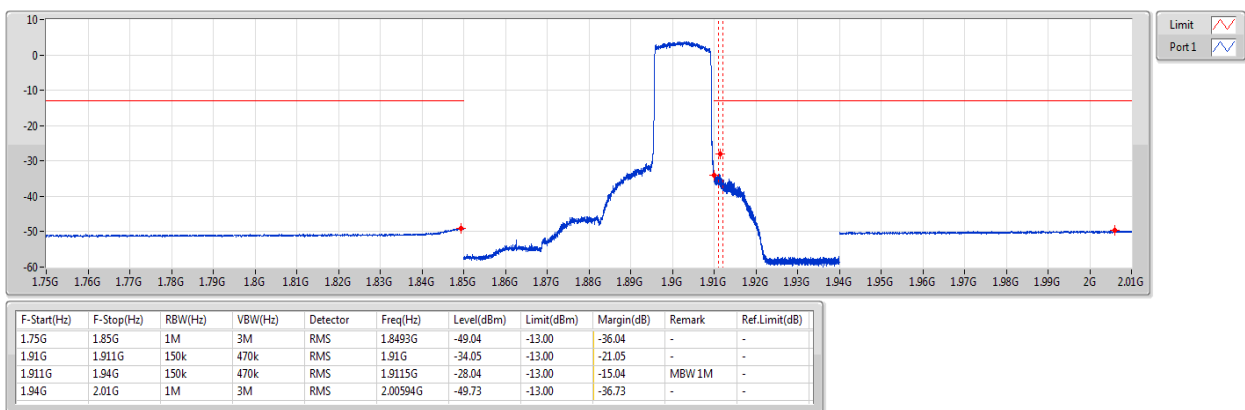
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 1,#RB 74

CSE-TX-Sum



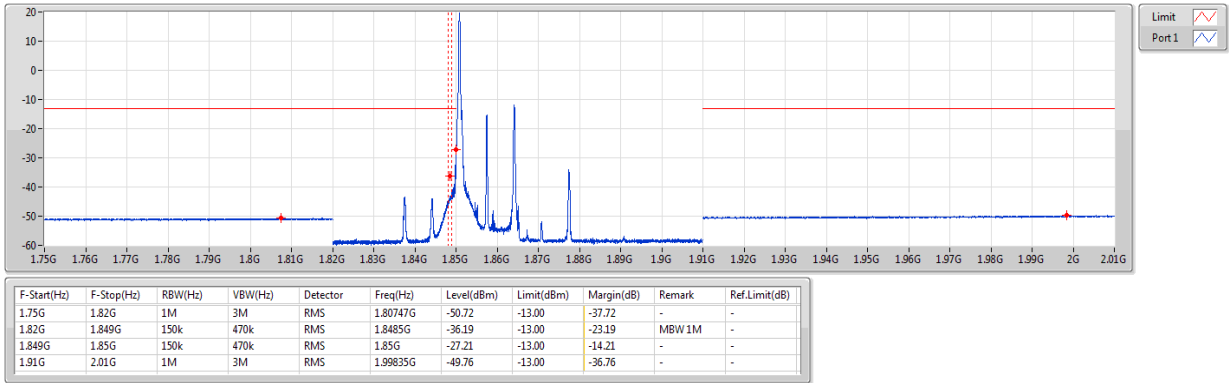
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 75,#RB 0

CSE-TX-Sum



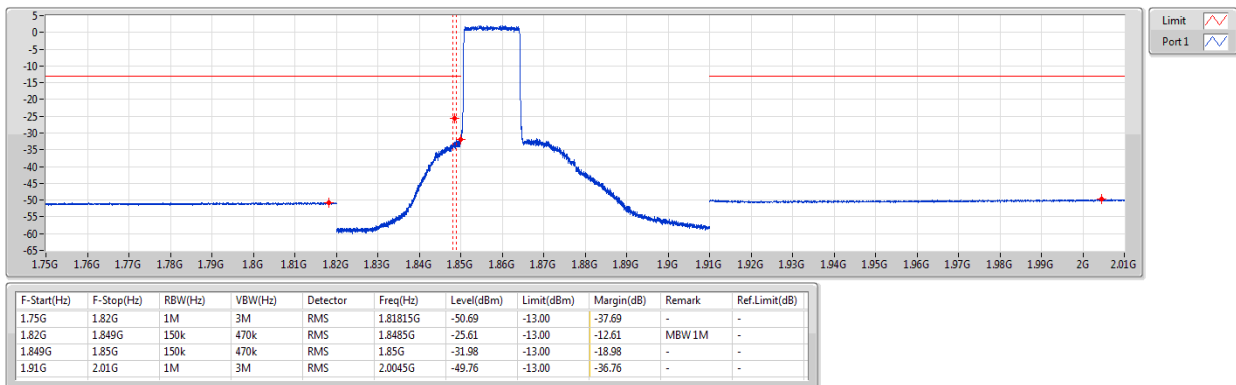
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



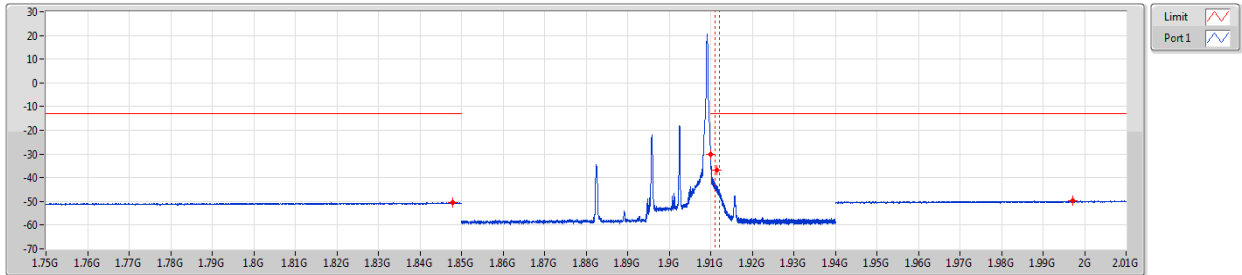
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 75,#RB 0

CSE-TX-Sum



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

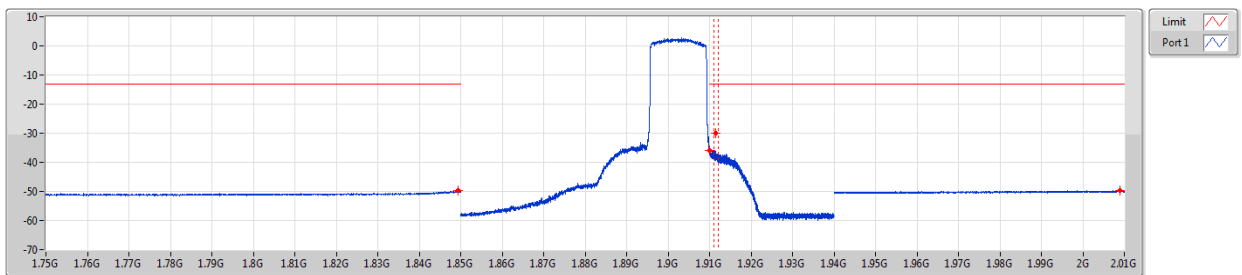
CSE-TX-Sum



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	1.84785G	-50.34	-13.00	-37.34	-	-
1.91G	1.911G	150k	470k	RMS	1.91G	-30.14	-13.00	-17.14	-	-
1.911G	1.94G	150k	470k	RMS	1.9115G	-36.87	-13.00	-23.87	MBW 1M	-
1.94G	2.01G	1M	3M	RMS	1.99726G	-49.77	-13.00	-36.77	-	-

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

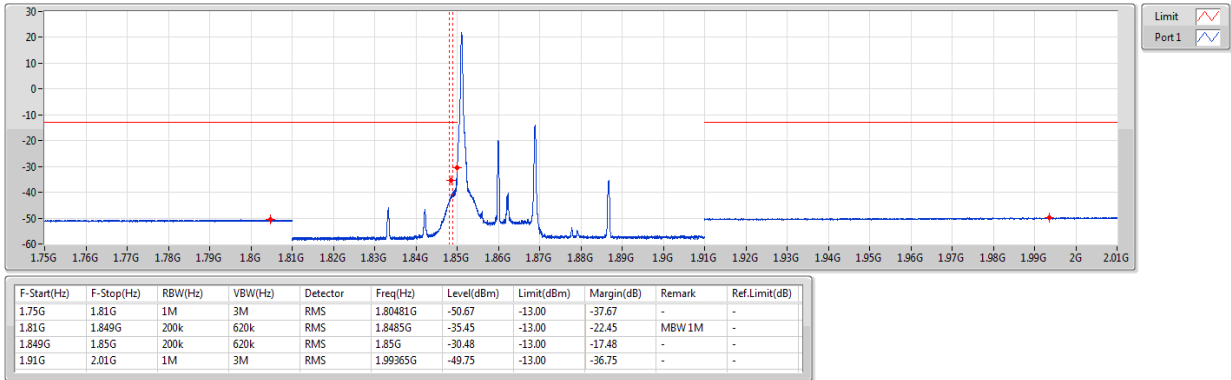
CSE-TX-Sum



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	1.85G	1M	3M	RMS	1.8493G	-49.84	-13.00	-36.84	-	-
1.91G	1.911G	150k	470k	RMS	1.91G	-35.91	-13.00	-22.91	-	-
1.911G	1.94G	150k	470k	RMS	1.9115G	-30.11	-13.00	-17.11	MBW 1M	-
1.94G	2.01G	1M	3M	RMS	2.00888G	-49.81	-13.00	-36.81	-	-

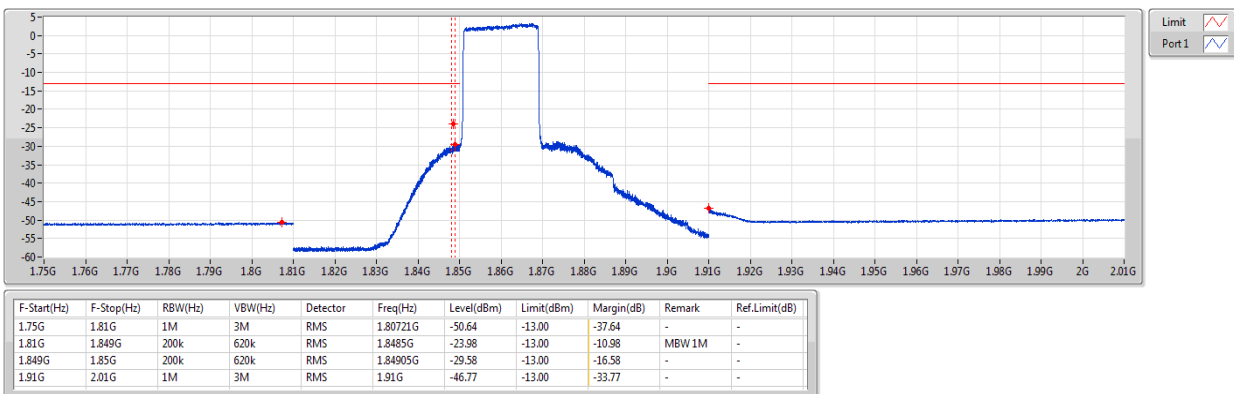
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 1,#RB 0

CSE-TX-Sum



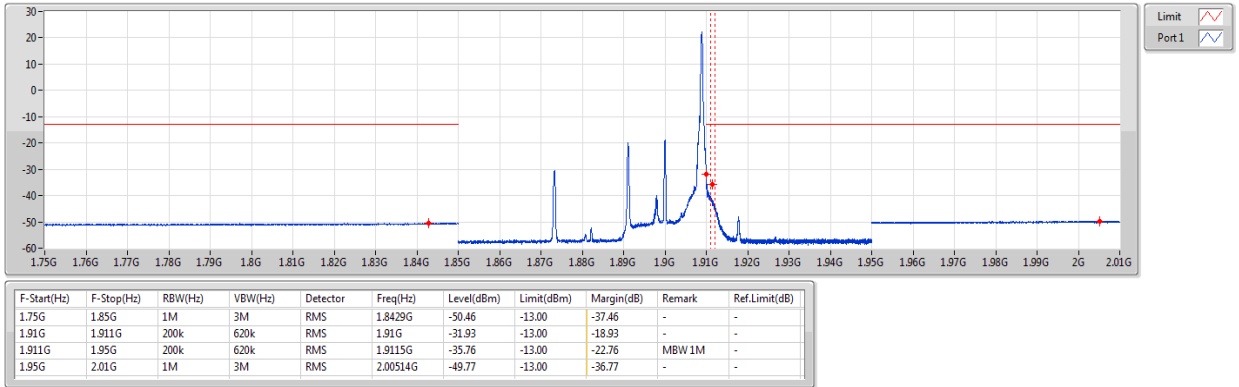
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum



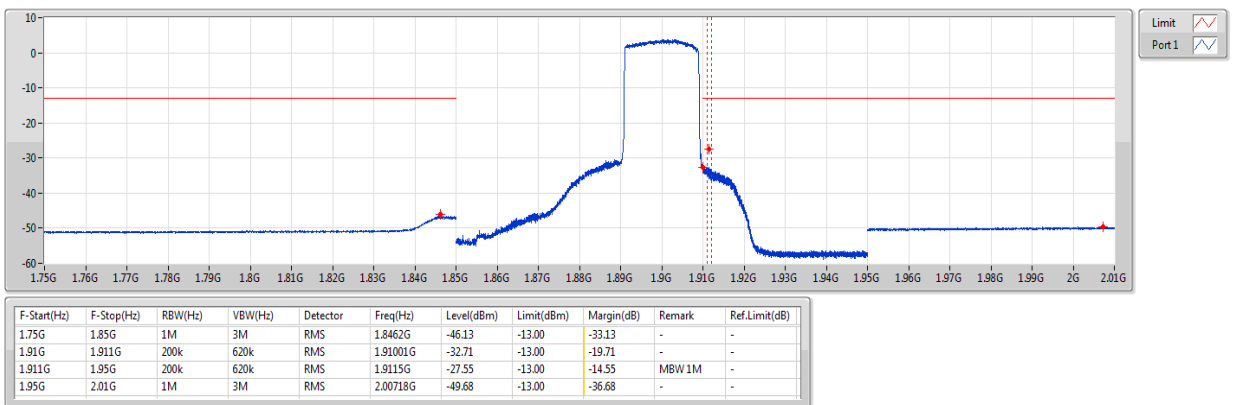
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 1,#RB 99

CSE-TX-Sum



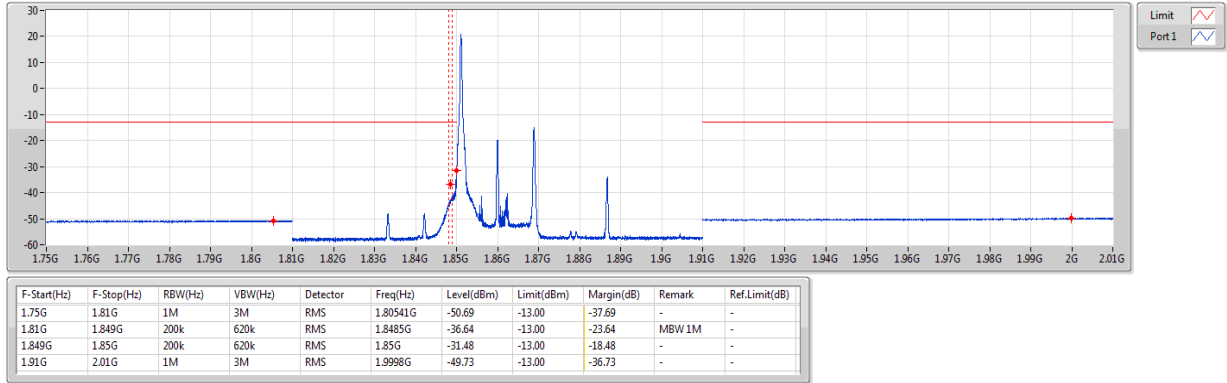
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1900MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum



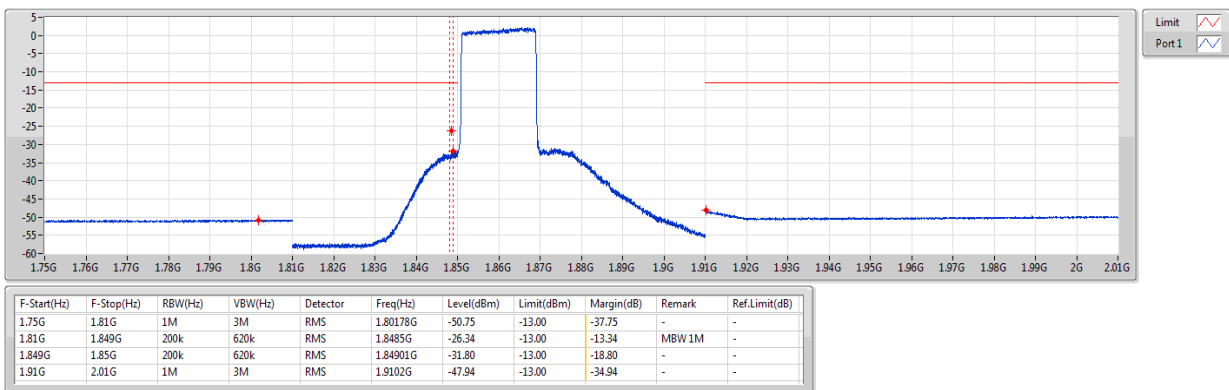
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 1,#RB 0

CSE-TX-Sum



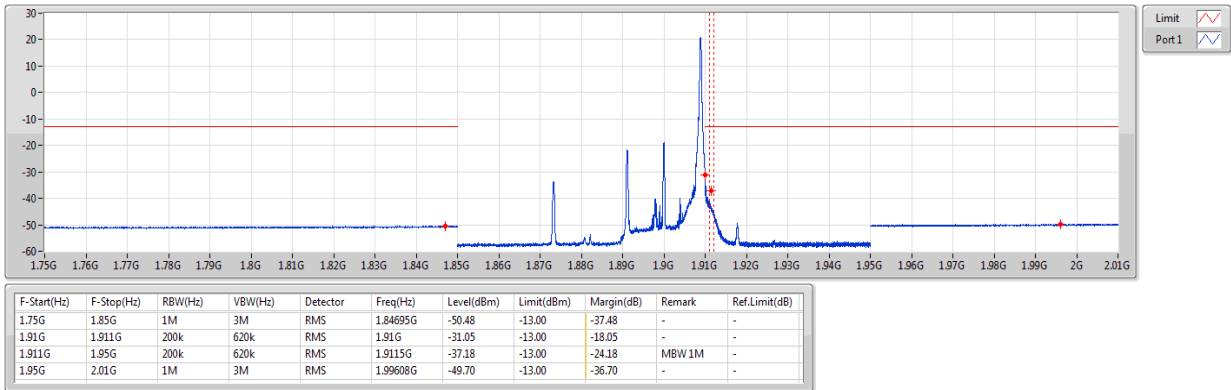
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1860MHz_16QAM_RB 100,#RB 0

CSE-TX-Sum



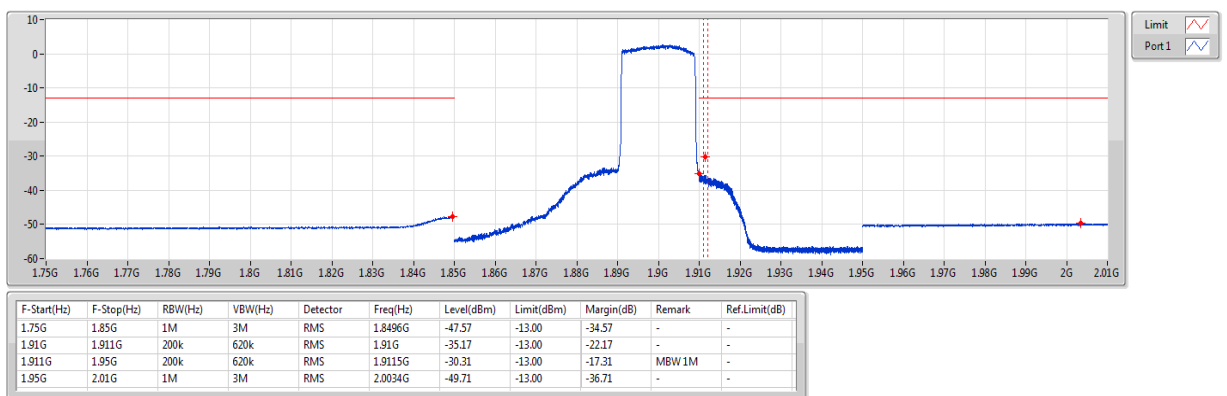
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1900MHz_16QAM_RB 1,#RB 99

CSE-TX-Sum



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

CSE-TX-Sum

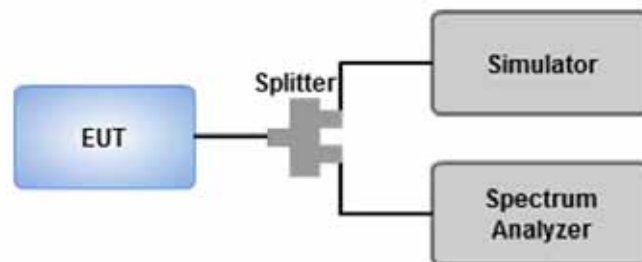


3.4 Occupied and 26 dB Bandwidth

3.4.1 Test Procedures

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

3.4.2 Test Setup



3.4.3 Test Result of Occupied and 26 dB Bandwidth

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 2	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.248M	1.081M	1M08G7D	1.227M	1.079M
LTE_1.4MHz_Nss1,16QAM_1TX	1.251M	1.079M	1M08W7D	1.232M	1.079M
LTE_3MHz_Nss1,QPSK_1TX	2.91M	2.68M	2M68G7D	2.903M	2.679M
LTE_3MHz_Nss1,16QAM_1TX	2.918M	2.68M	2M68W7D	2.895M	2.677M
LTE_5MHz_Nss1,QPSK_1TX	4.931M	4.471M	4M47G7D	4.888M	4.468M
LTE_5MHz_Nss1,16QAM_1TX	4.881M	4.468M	4M47W7D	4.881M	4.466M
LTE_10MHz_Nss1,QPSK_1TX	9.625M	8.923M	8M92G7D	9.563M	8.904M
LTE_10MHz_Nss1,16QAM_1TX	9.638M	8.91M	8M91W7D	9.475M	8.893M
LTE_15MHz_Nss1,QPSK_1TX	14.4M	13.389M	13M4G7D	14.25M	13.334M
LTE_15MHz_Nss1,16QAM_1TX	14.55M	13.389M	13M4W7D	14.325M	13.344M
LTE_20MHz_Nss1,QPSK_1TX	19.025M	17.871M	17M9G7D	18.825M	17.778M
LTE_20MHz_Nss1,16QAM_1TX	19.075M	17.833M	17M8W7D	18.9M	17.76M

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

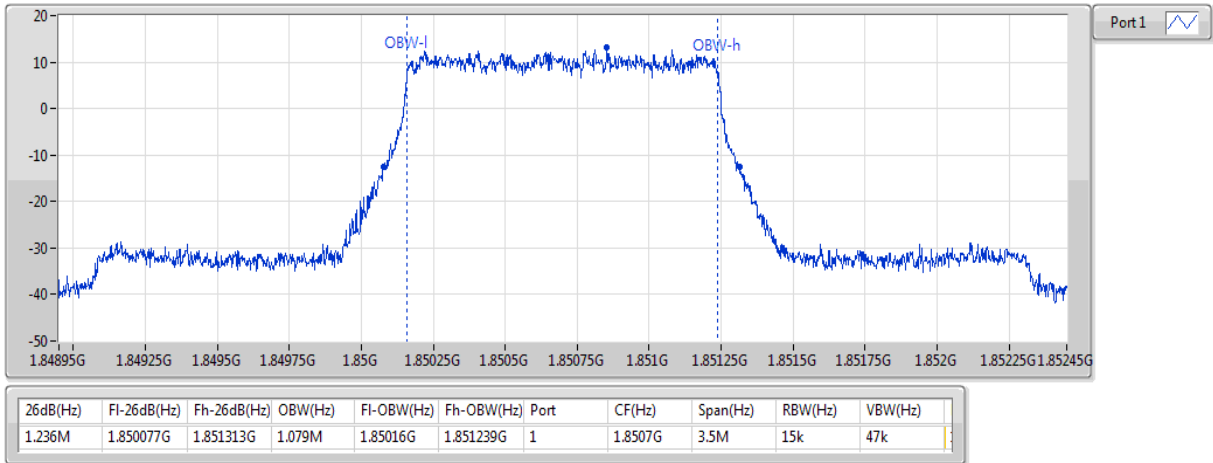
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 2_LTE_1.4MHz_Nss1_1TX	-	-	-	-
1850.7MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.236M	1.079M
1880MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.227M	1.081M
1909.3MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.248M	1.079M
1850.7MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.232M	1.079M
1880MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.251M	1.079M
1909.3MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.243M	1.079M
Band 2_LTE_3MHz_Nss1_1TX	-	-	-	-
1851.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.91M	2.68M
1880MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.91M	2.679M
1908.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.903M	2.68M
1851.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.918M	2.68M
1880MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.914M	2.677M
1908.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.895M	2.677M
Band 2_LTE_5MHz_Nss1_1TX	-	-	-	-
1852.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.888M	4.468M
1880MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.919M	4.471M
1907.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.931M	4.468M
1852.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.881M	4.466M
1880MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.881M	4.466M
1907.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.881M	4.468M
Band 2_LTE_10MHz_Nss1_1TX	-	-	-	-
1855MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.625M	8.923M
1880MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.563M	8.921M
1905MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.563M	8.904M
1855MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.563M	8.91M
1880MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.638M	8.9M
1905MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.475M	8.893M
Band 2_LTE_15MHz_Nss1_1TX	-	-	-	-
1857.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.4M	13.389M
1880MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.306M	13.372M
1902.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.25M	13.334M
1857.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.55M	13.389M
1880MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.494M	13.366M
1902.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.325M	13.344M

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	18.95M	17.871M
1880MHz_QPSK_RB 100,#RB 0	Pass	Inf	18.825M	17.789M
1900MHz_QPSK_RB 100,#RB 0	Pass	Inf	19.025M	17.778M
1860MHz_16QAM_RB 100,#RB 0	Pass	Inf	19.075M	17.833M
1880MHz_16QAM_RB 100,#RB 0	Pass	Inf	18.9M	17.773M
1900MHz_16QAM_RB 100,#RB 0	Pass	Inf	18.95M	17.76M

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

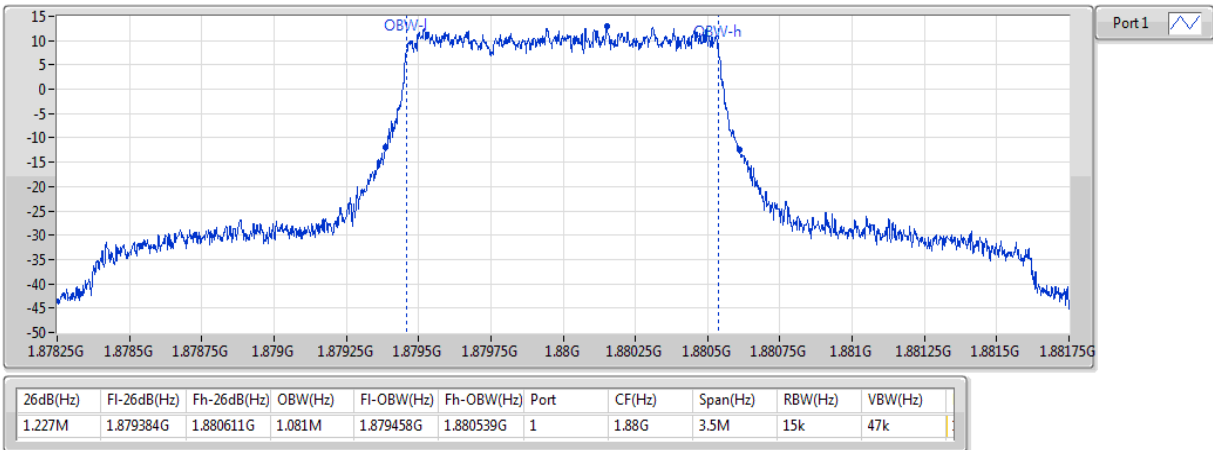
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1850.7MHz_QPSK_RB 6,#RB 0

EBW



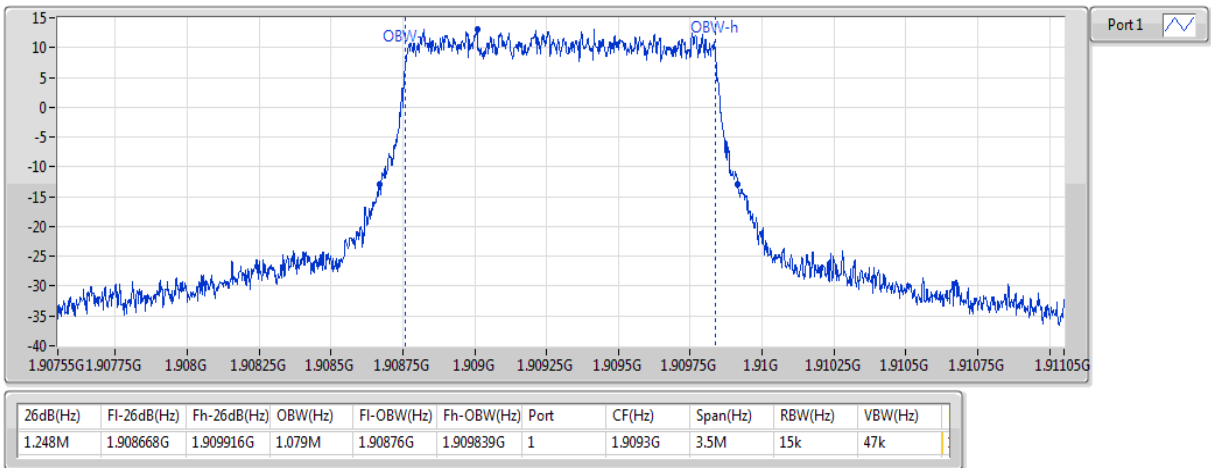
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 6,#RB 0

EBW



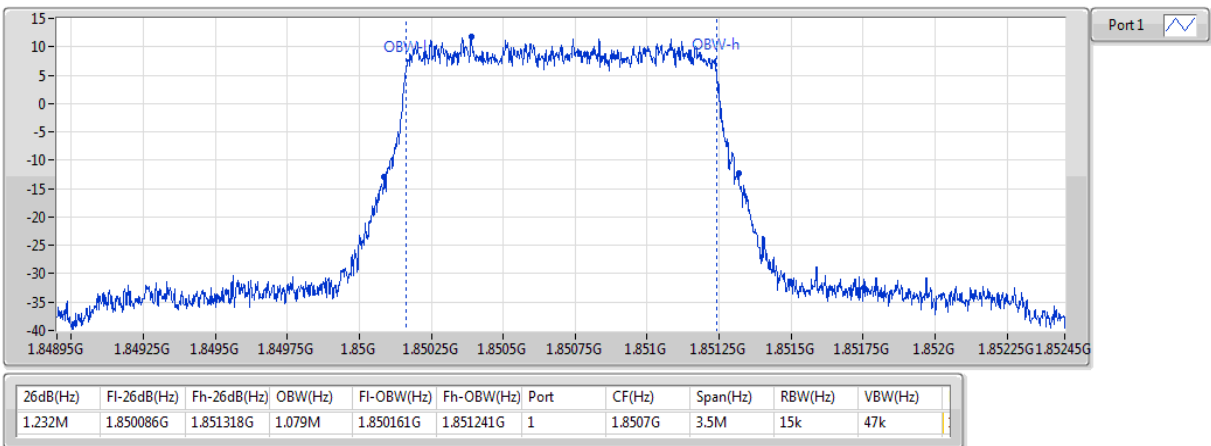
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1909.3MHz_QPSK_RB 6,#RB 0

EBW



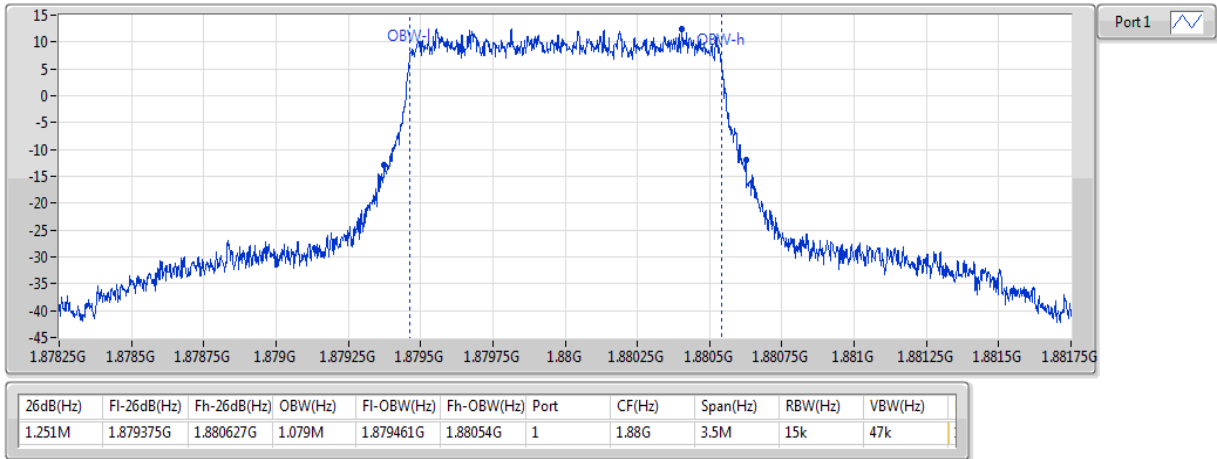
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1850.7MHz_16QAM_RB 6,#RB 0

EBW



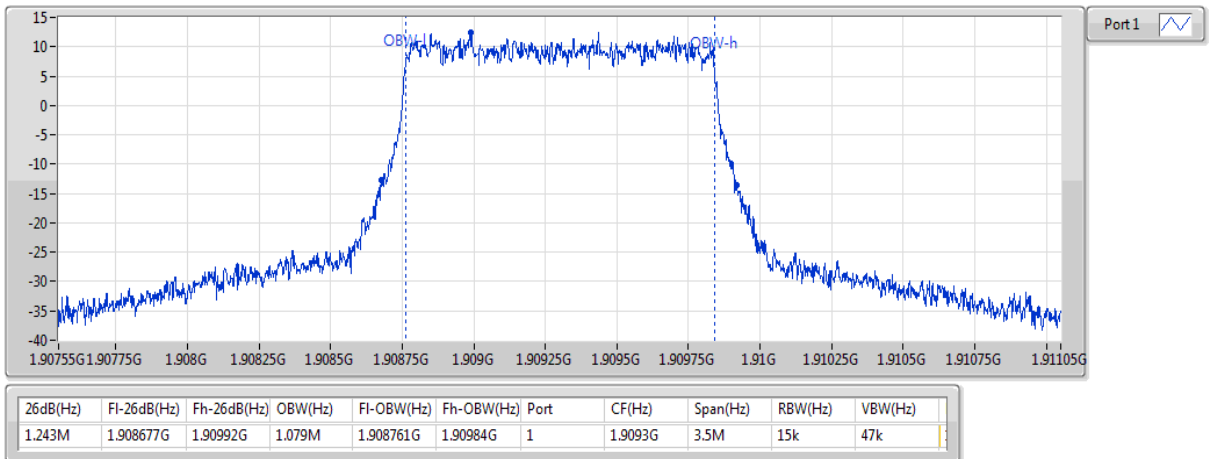
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 6,#RB 0

EBW



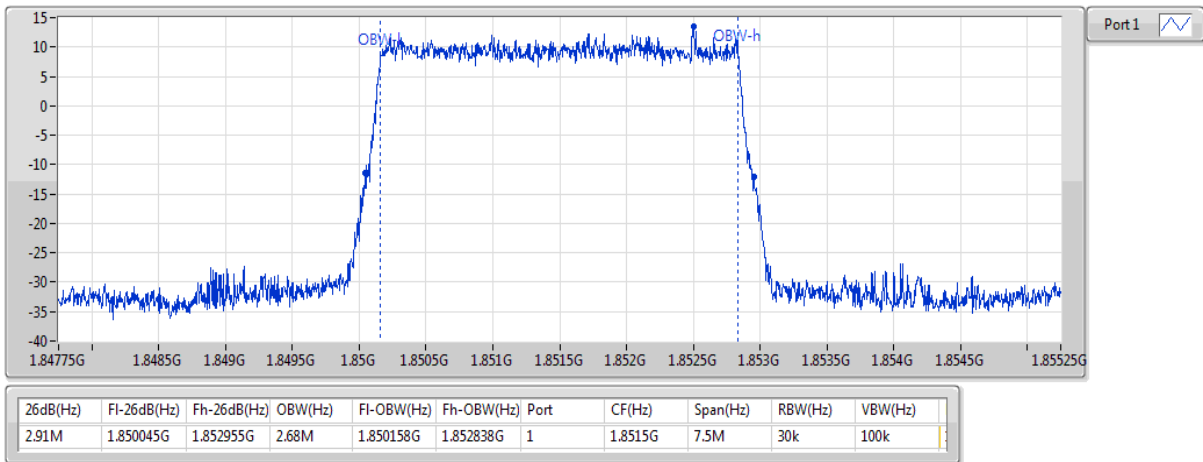
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1909.3MHz_16QAM_RB 6,#RB 0

EBW



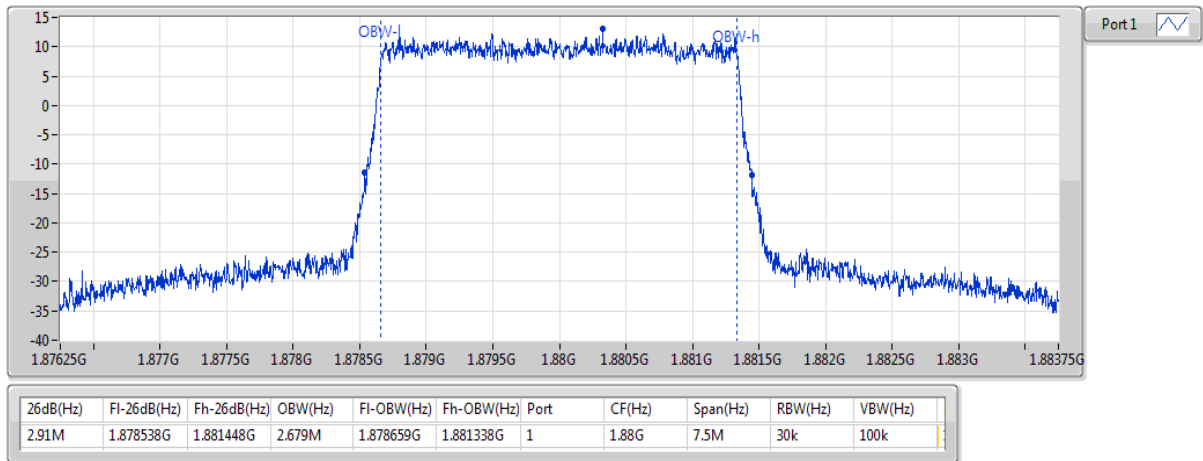
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1851.5MHz_QPSK_RB 15,#RB 0

EBW



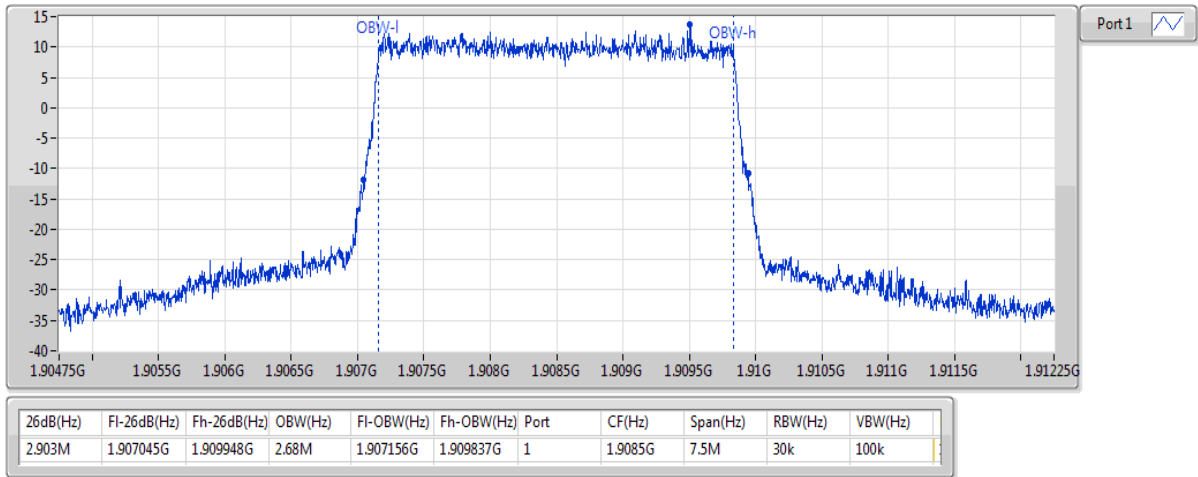
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 15,#RB 0

EBW



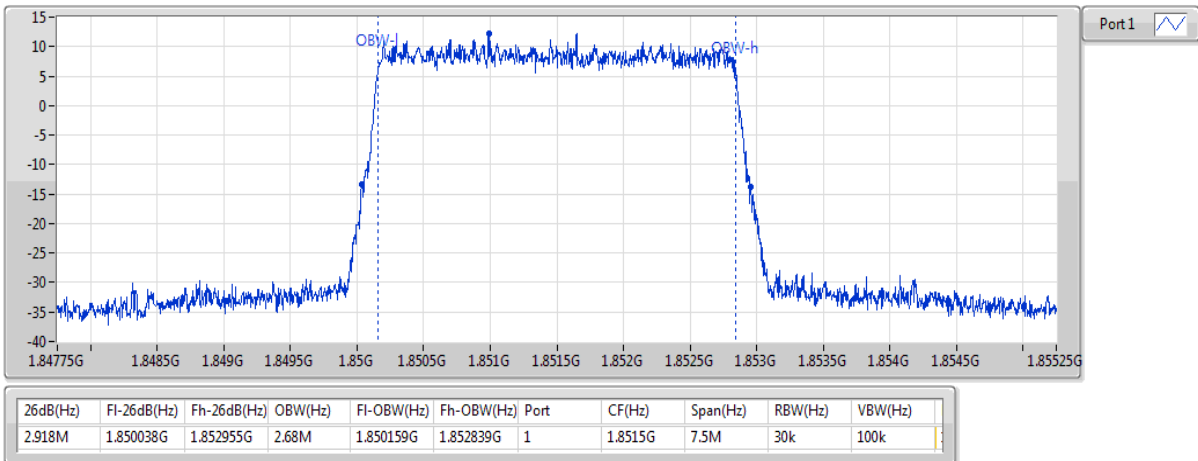
Band 2_LTE_3MHz_Nss1,QPSK_1TX
1908.5MHz_QPSK_RB 15,#RB 0

EBW



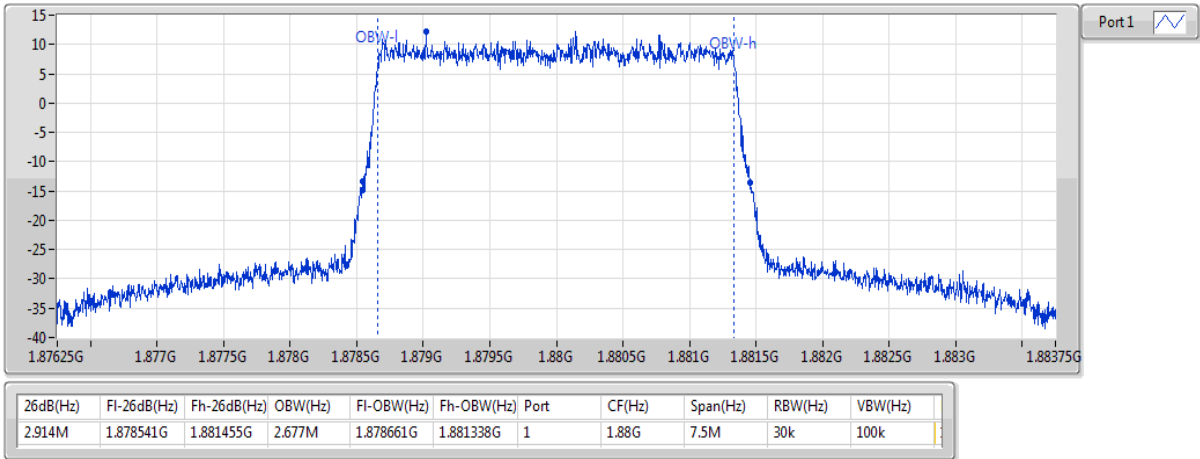
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1851.5MHz_16QAM_RB 15,#RB 0

EBW



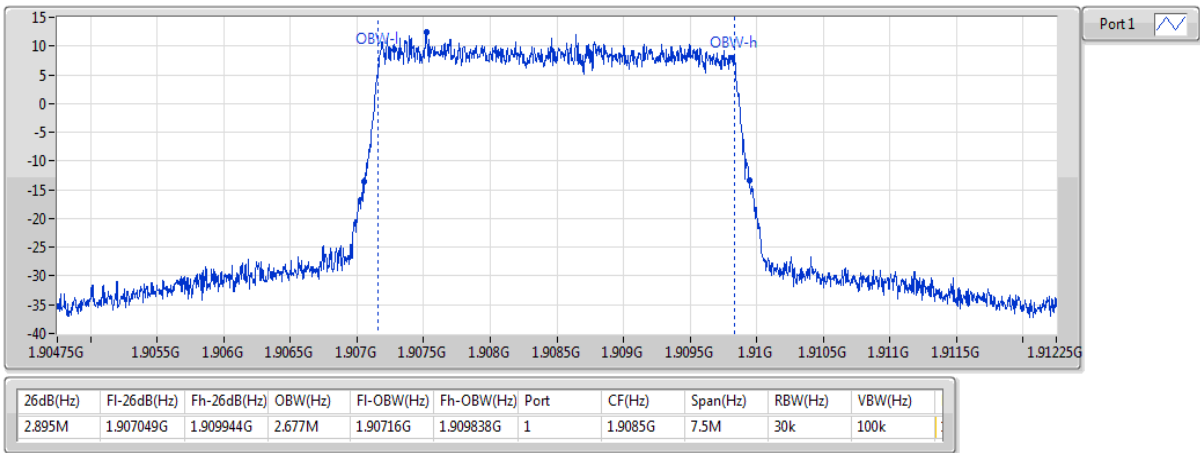
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 15,#RB 0

EBW



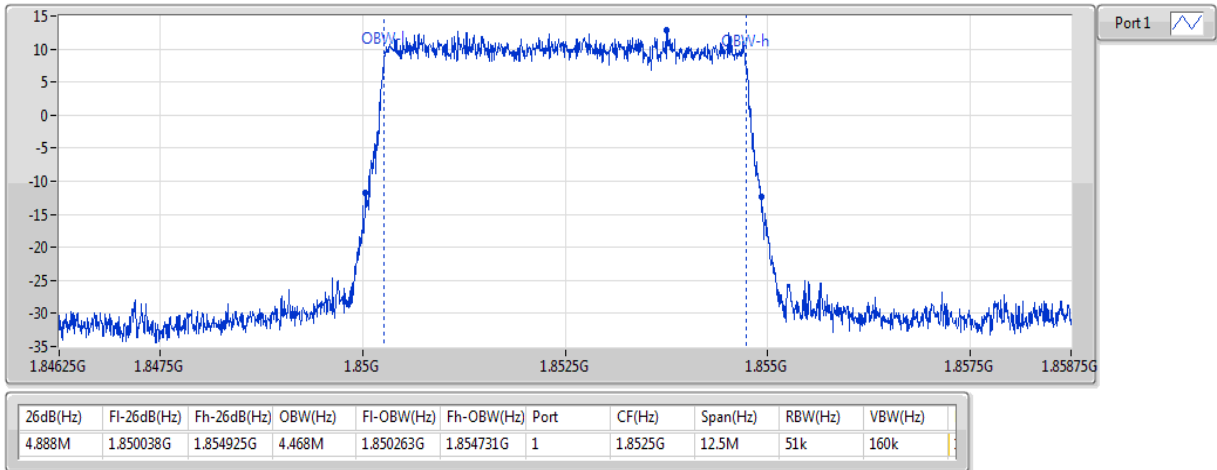
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1908.5MHz_16QAM_RB 15,#RB 0

EBW



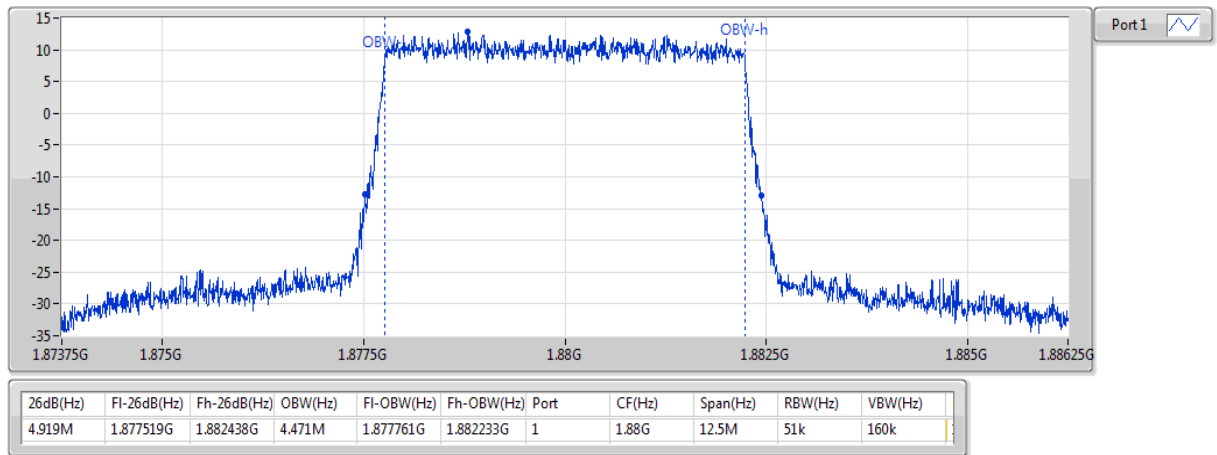
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 25,#RB 0

EBW



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

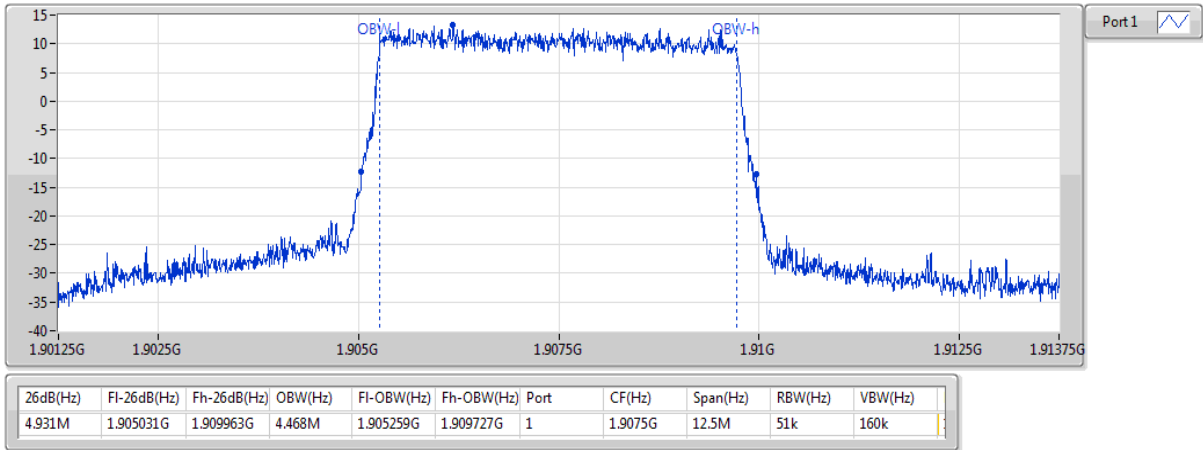
EBW



Band 2_LTE_5MHz_Nss1,QPSK_1TX

EBW

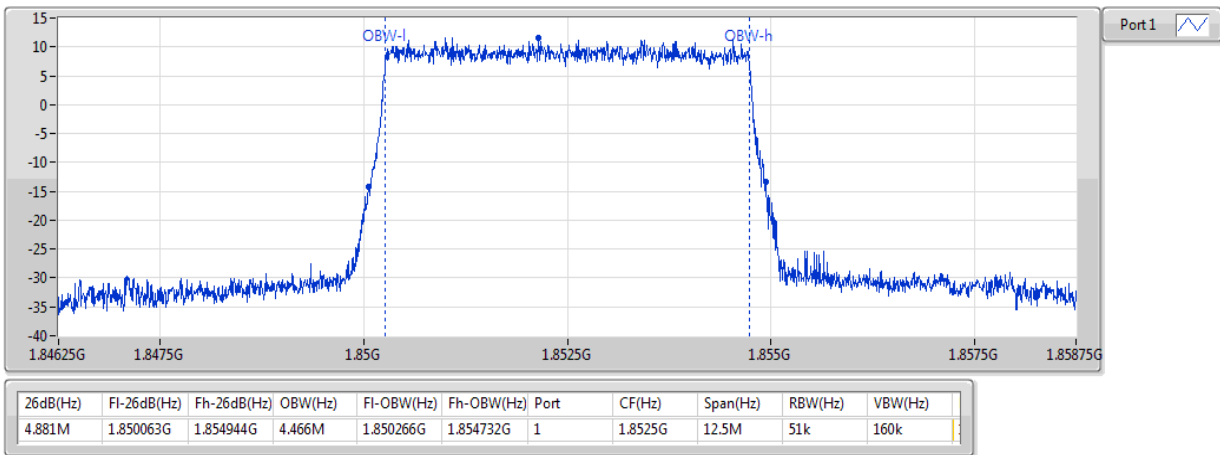
1907.5MHz_QPSK_RB 25,#RB 0



Band 2_LTE_5MHz_Nss1,16QAM_1TX

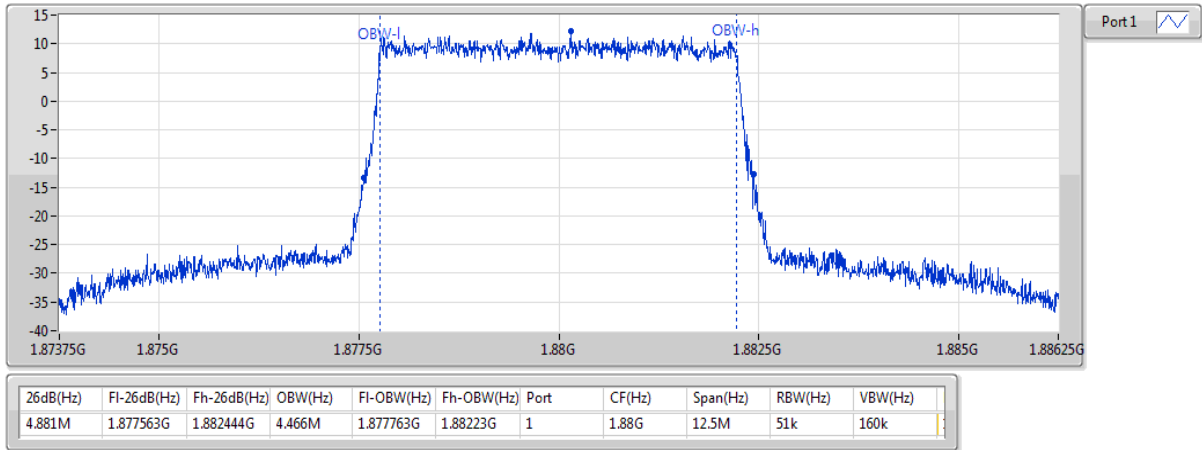
EBW

1852.5MHz_16QAM_RB 25,#RB 0



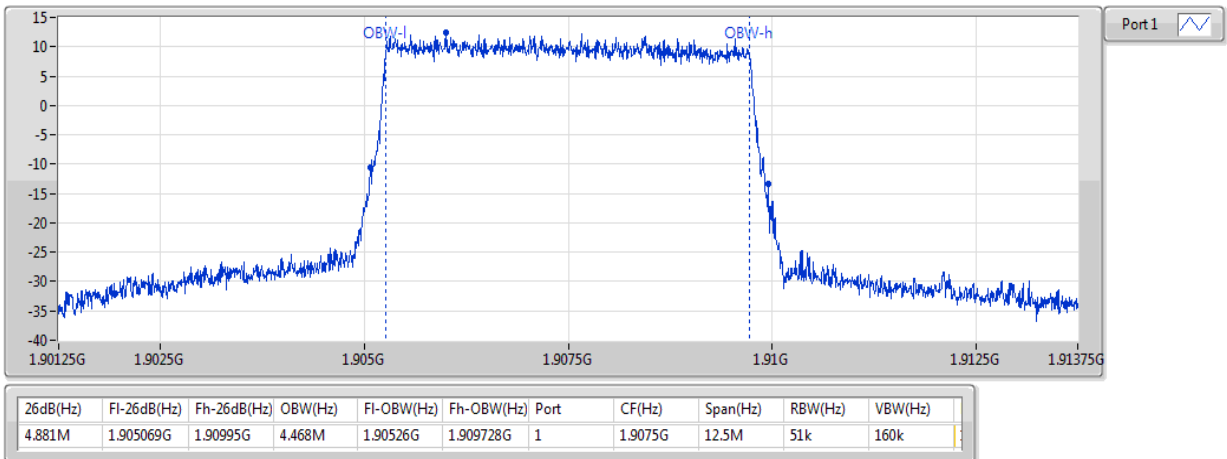
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 25,#RB 0

EBW



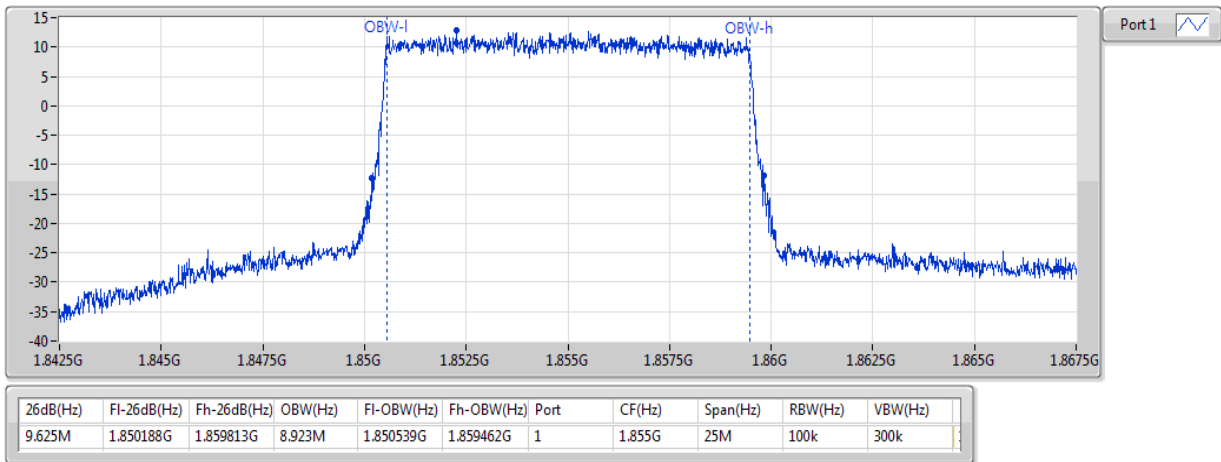
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1907.5MHz_16QAM_RB 25,#RB 0

EBW



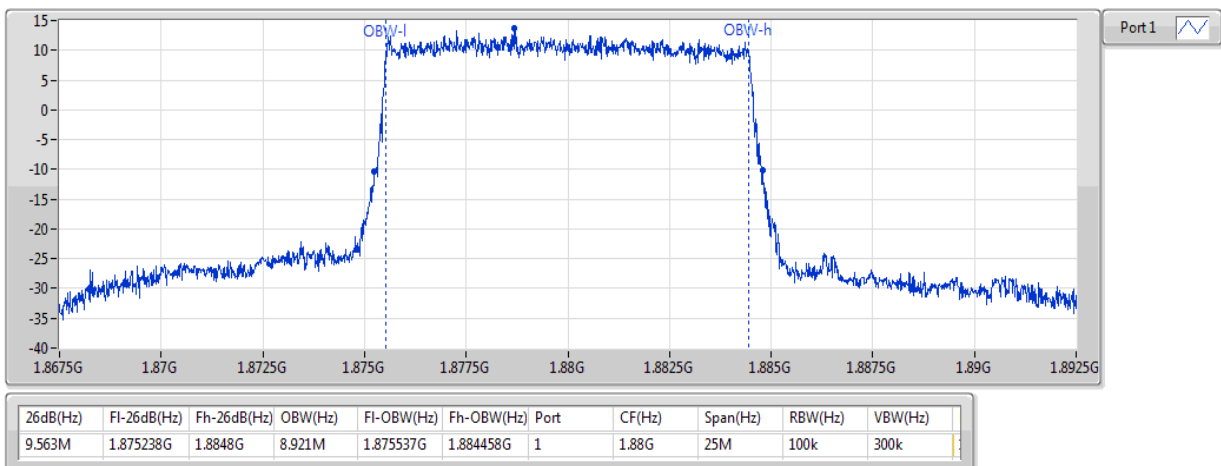
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1855MHz_QPSK_RB 50,#RB 0

EBW



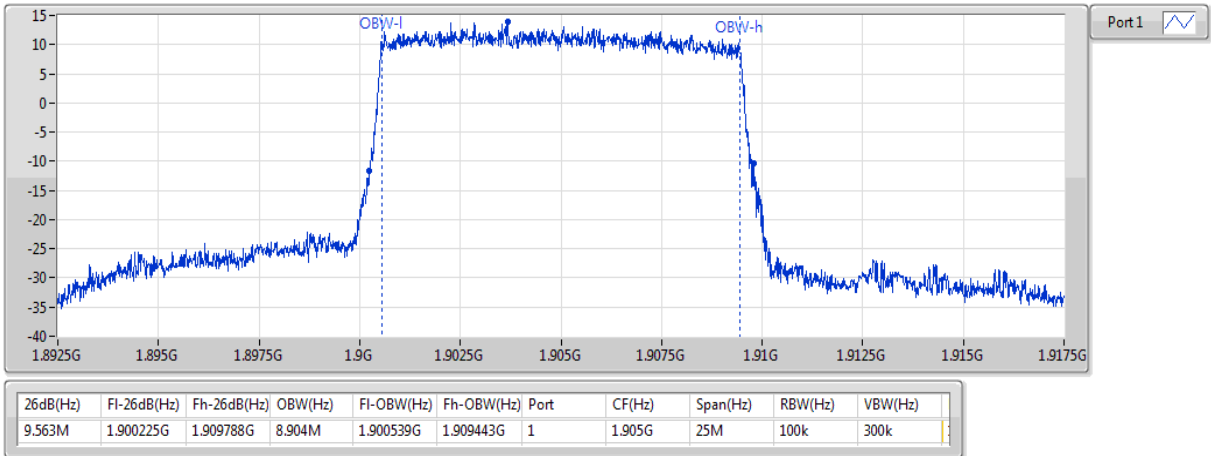
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 50,#RB 0

EBW



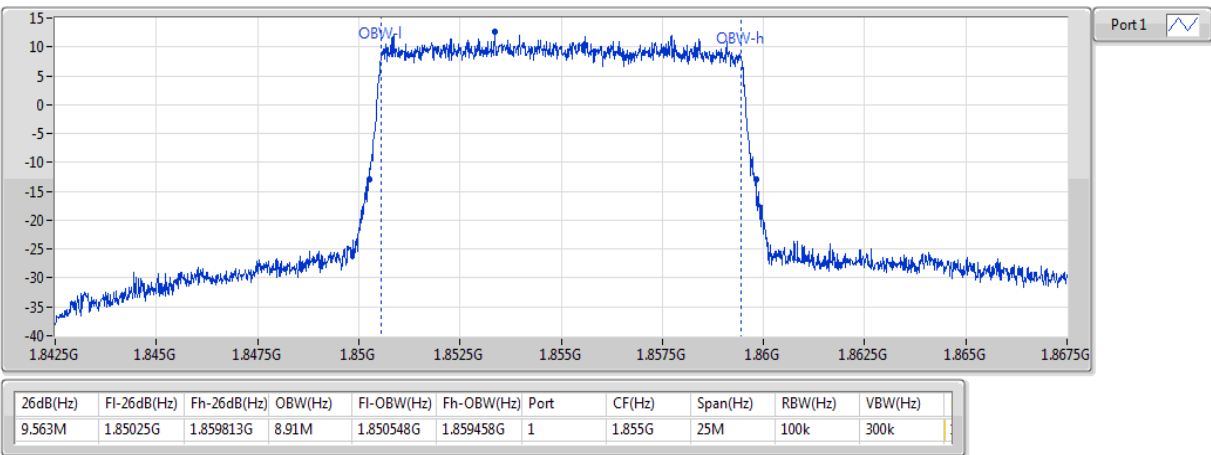
Band 2_LTE_10MHz_Nss1,QPSK_1TX
1905MHz_QPSK_RB 50,#RB 0

EBW



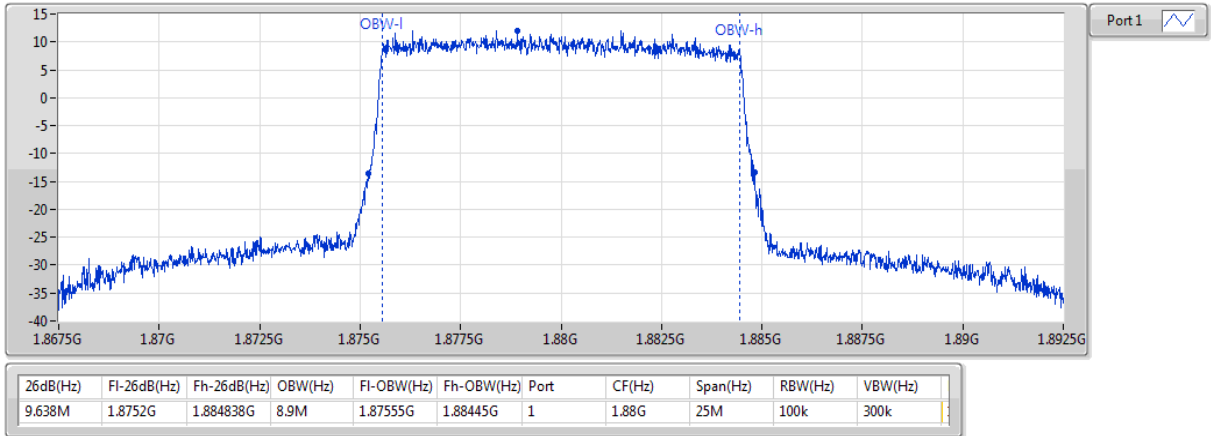
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1855MHz_16QAM_RB 50,#RB 0

EBW



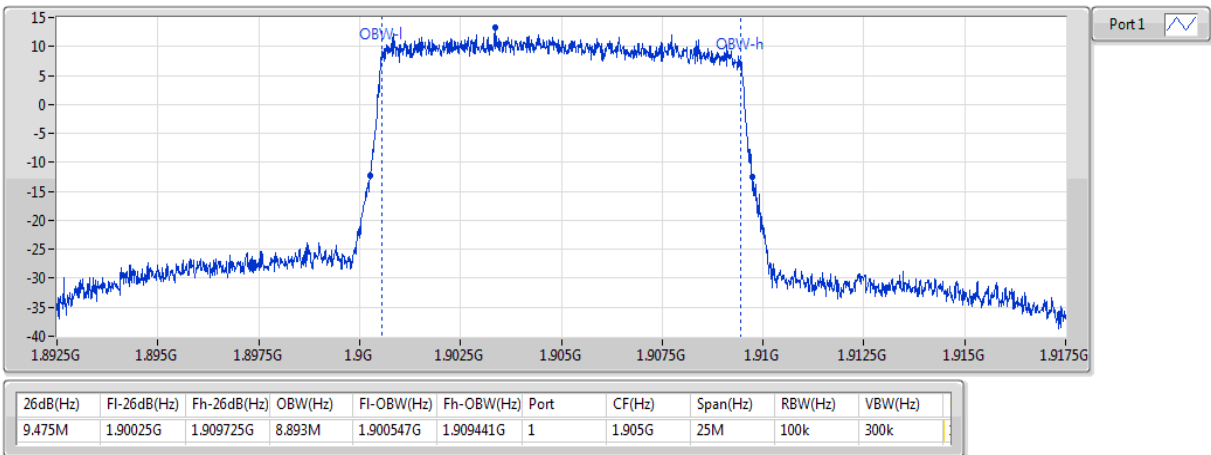
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 50,#RB 0

EBW



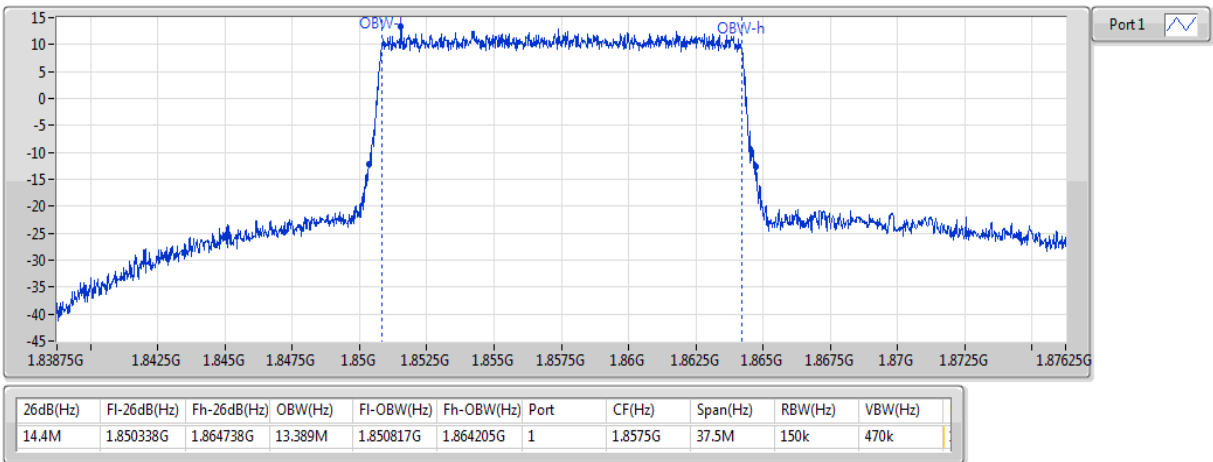
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1905MHz_16QAM_RB 50,#RB 0

EBW



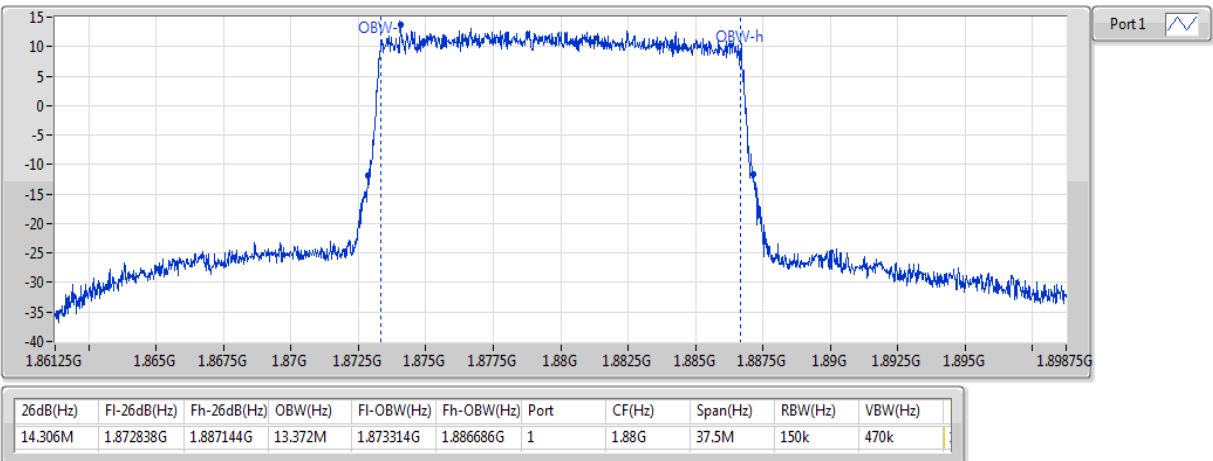
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1857.5MHz_QPSK_RB 75,#RB 0

EBW



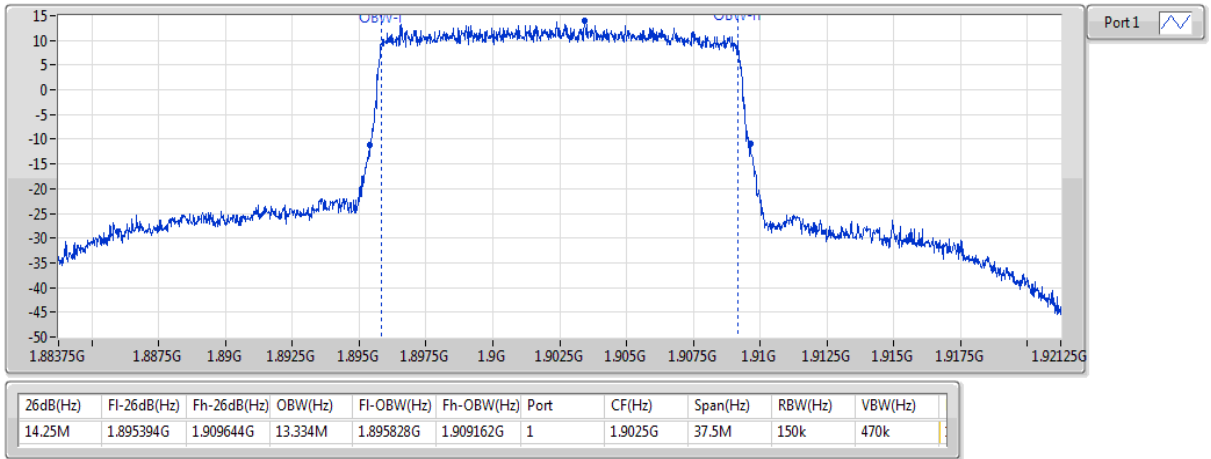
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 75,#RB 0

EBW



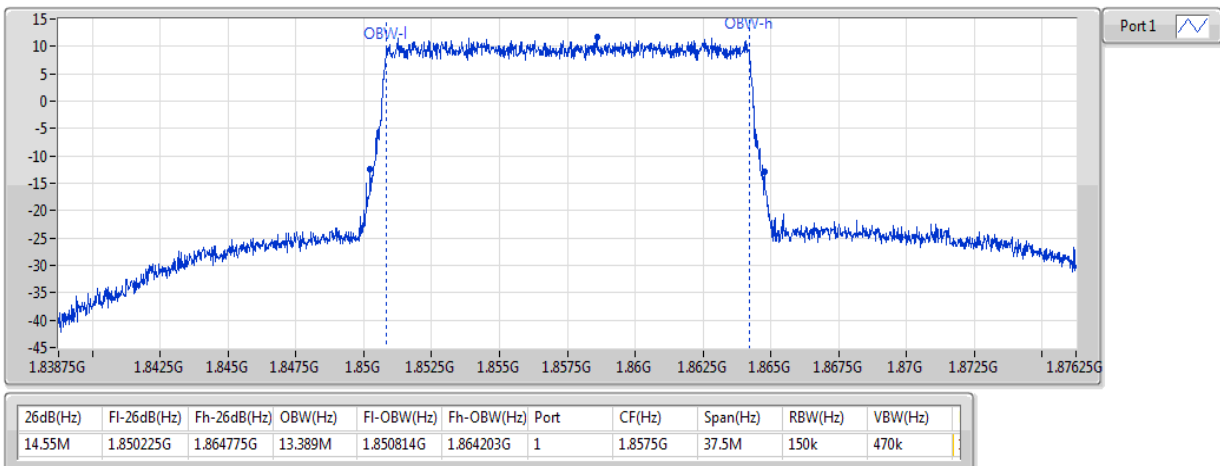
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1902.5MHz_QPSK_RB 75,#RB 0

EBW



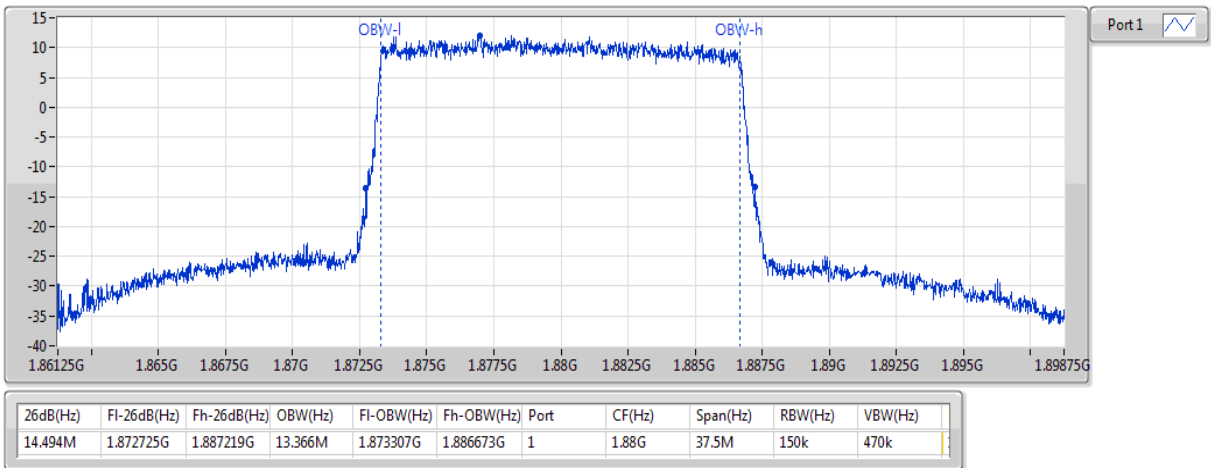
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 75,#RB 0

EBW



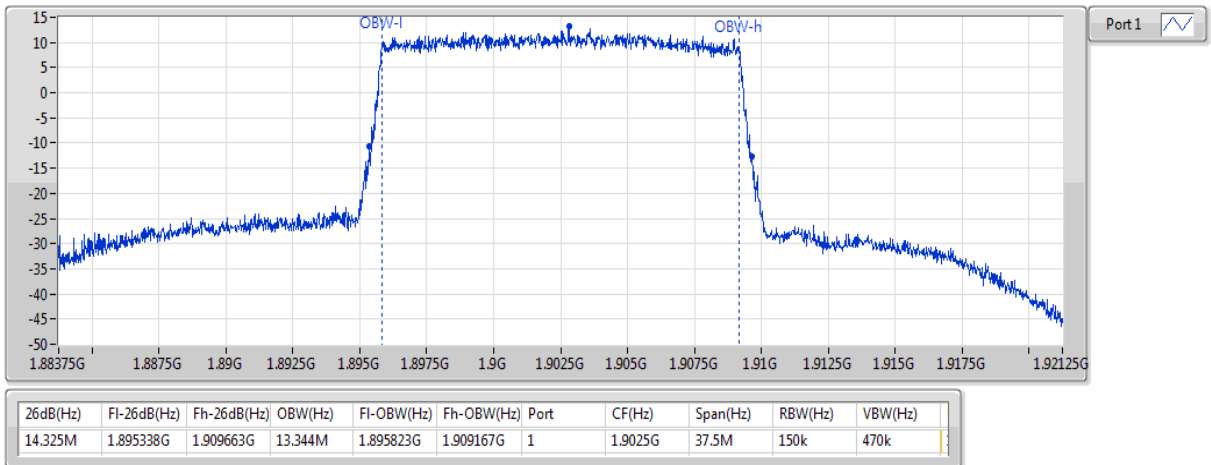
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 75,#RB 0

EBW



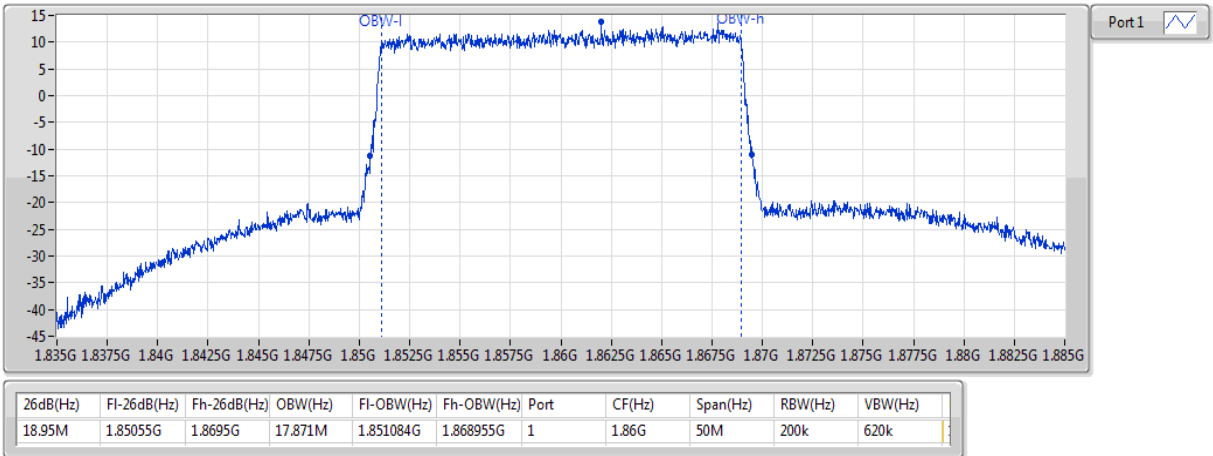
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1902.5MHz_16QAM_RB 75,#RB 0

EBW



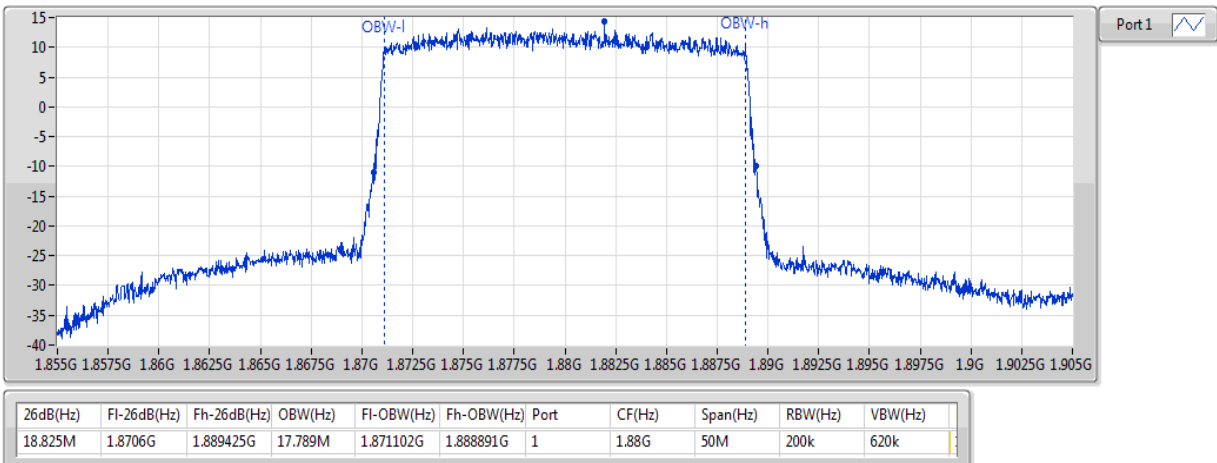
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1860MHz_QPSK_RB 100,#RB 0

EBW



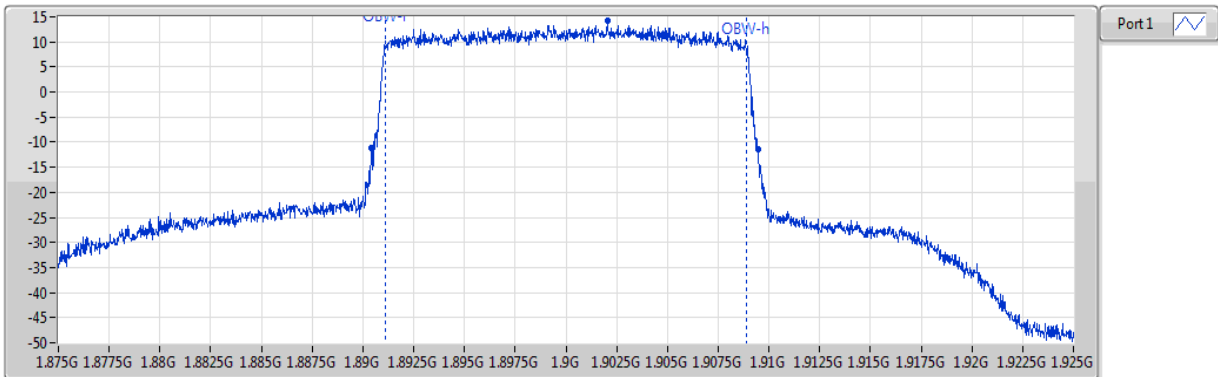
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 100,#RB 0

EBW



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

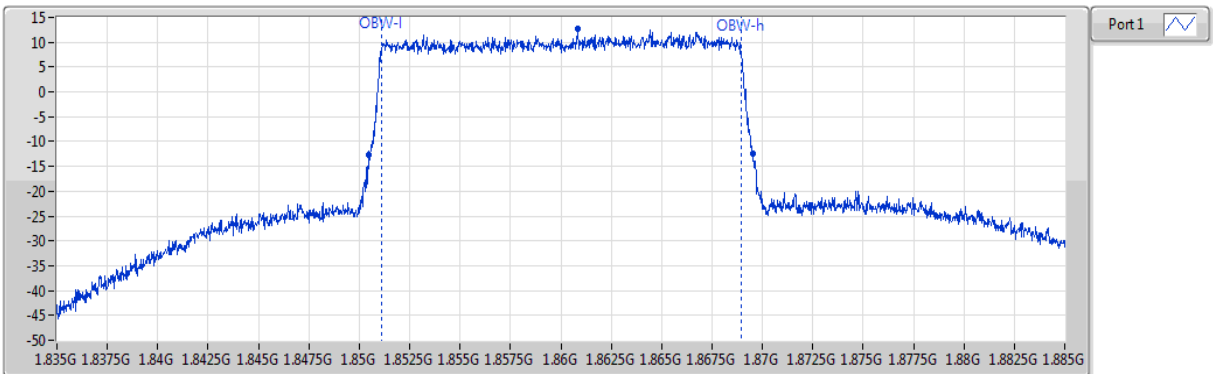
EBW



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)
19.025M	1.890425G	1.90945G	17.778M	1.891097G	1.908875G	1	1.9G	50M	200k	620k

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

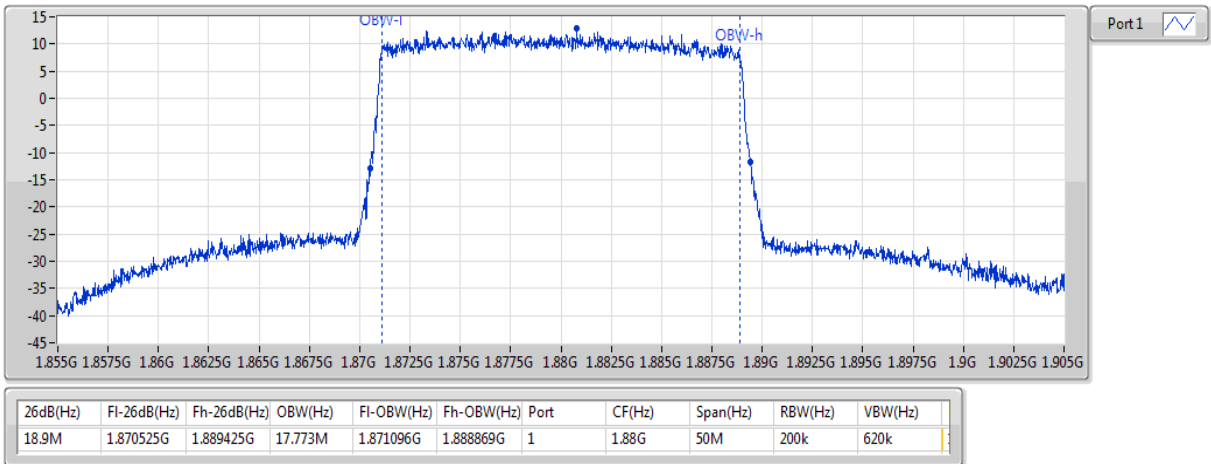
EBW



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)
19.075M	1.85045G	1.869525G	17.833M	1.851096G	1.86893G	1	1.86G	50M	200k	620k

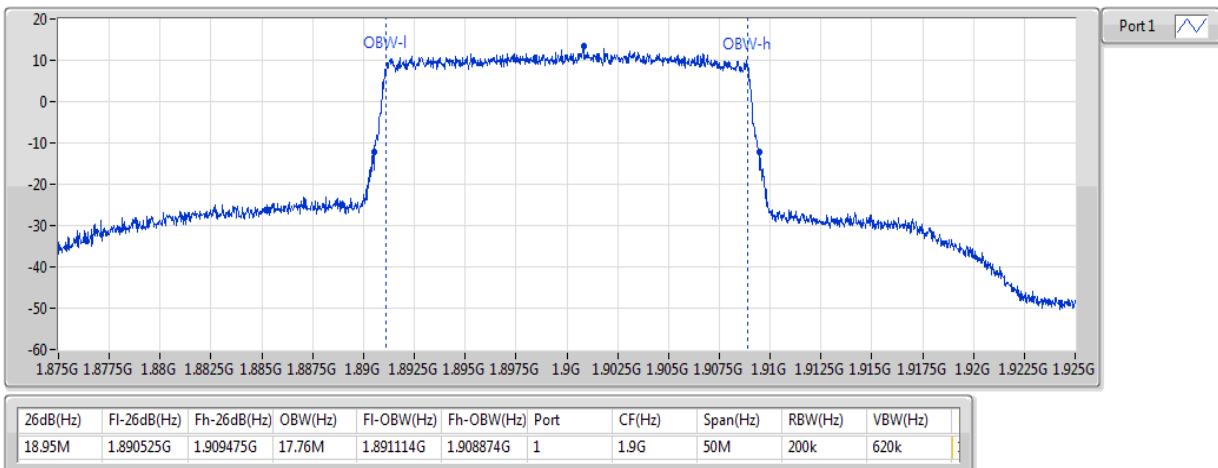
Band 2_LTE_20MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 100,#RB 0

EBW



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

EBW



3.5 Peak to Average Ratio

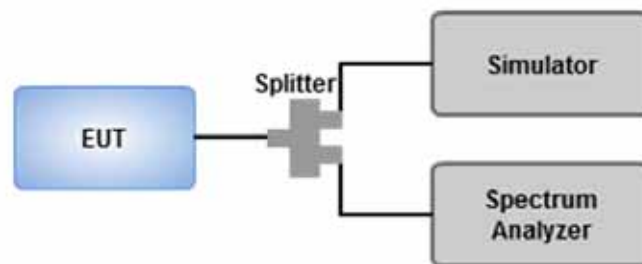
3.5.1 Limit of Peak to Average Ratio

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

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1909.3	13.00	5.60	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1909.3	13.00	6.45	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	1908.5	13.00	5.58	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	1908.5	13.00	6.51	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	1852.5	13.00	5.53	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	1907.5	13.00	6.30	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	1855	13.00	5.76	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	1855	13.00	6.46	1
LTE_15MHz_Nss1,QPSK_1TX	Pass	1857.5	13.00	5.72	1
LTE_15MHz_Nss1,16QAM_1TX	Pass	1857.5	13.00	6.49	1
LTE_20MHz_Nss1,QPSK_1TX	Pass	1860	13.00	5.62	1
LTE_20MHz_Nss1,16QAM_1TX	Pass	1860	13.00	6.45	1

Result

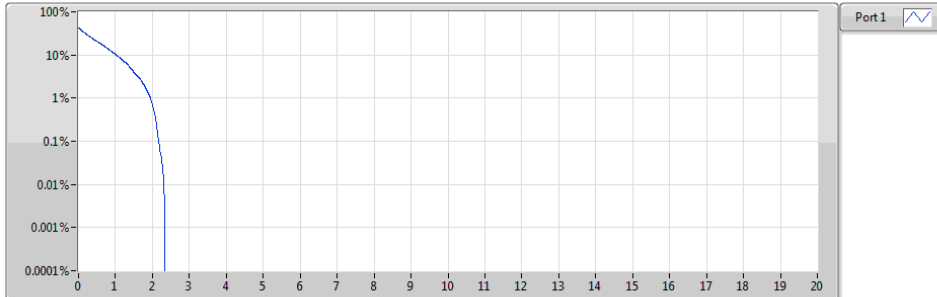
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE_1.4MHz_Nss1_1TX	-	-	-	-	-
1850.7MHz_QPSK_RB 6,#RB 0	Pass	1850.7	13.00	5.42	1
1880MHz_QPSK_RB 6,#RB 0	Pass	1880	13.00	5.07	1
1909.3MHz_QPSK_RB 6,#RB 0	Pass	1909.3	13.00	5.60	1
1850.7MHz_16QAM_RB 6,#RB 0	Pass	1850.7	13.00	6.17	1
1880MHz_16QAM_RB 6,#RB 0	Pass	1880	13.00	5.74	1
1909.3MHz_16QAM_RB 6,#RB 0	Pass	1909.3	13.00	6.45	1
Band 2_LTE_3MHz_Nss1_1TX	-	-	-	-	-
1851.5MHz_QPSK_RB 15,#RB 0	Pass	1851.5	13.00	5.47	1
1880MHz_QPSK_RB 15,#RB 0	Pass	1880	13.00	5.11	1
1908.5MHz_QPSK_RB 15,#RB 0	Pass	1908.5	13.00	5.58	1
1851.5MHz_16QAM_RB 15,#RB 0	Pass	1851.5	13.00	6.30	1
1880MHz_16QAM_RB 15,#RB 0	Pass	1880	13.00	5.91	1
1908.5MHz_16QAM_RB 15,#RB 0	Pass	1908.5	13.00	6.51	1
Band 2_LTE_5MHz_Nss1_1TX	-	-	-	-	-
1852.5MHz_QPSK_RB 25,#RB 0	Pass	1852.5	13.00	5.53	1
1880MHz_QPSK_RB 25,#RB 0	Pass	1880	13.00	5.06	1
1907.5MHz_QPSK_RB 25,#RB 0	Pass	1907.5	13.00	5.52	1
1852.5MHz_16QAM_RB 25,#RB 0	Pass	1852.5	13.00	6.29	1
1880MHz_16QAM_RB 25,#RB 0	Pass	1880	13.00	5.79	1
1907.5MHz_16QAM_RB 25,#RB 0	Pass	1907.5	13.00	6.30	1
Band 2_LTE_10MHz_Nss1_1TX	-	-	-	-	-
1855MHz_QPSK_RB 50,#RB 0	Pass	1855	13.00	5.76	1
1880MHz_QPSK_RB 50,#RB 0	Pass	1880	13.00	5.11	1
1905MHz_QPSK_RB 50,#RB 0	Pass	1905	13.00	5.52	1
1855MHz_16QAM_RB 50,#RB 0	Pass	1855	13.00	6.46	1
1880MHz_16QAM_RB 50,#RB 0	Pass	1880	13.00	5.83	1
1905MHz_16QAM_RB 50,#RB 0	Pass	1905	13.00	6.30	1
Band 2_LTE_15MHz_Nss1_1TX	-	-	-	-	-
1857.5MHz_QPSK_RB 75,#RB 0	Pass	1857.5	13.00	5.72	1
1880MHz_QPSK_RB 75,#RB 0	Pass	1880	13.00	5.15	1
1902.5MHz_QPSK_RB 75,#RB 0	Pass	1902.5	13.00	5.45	1
1857.5MHz_16QAM_RB 75,#RB 0	Pass	1857.5	13.00	6.49	1
1880MHz_16QAM_RB 75,#RB 0	Pass	1880	13.00	5.90	1
1902.5MHz_16QAM_RB 75,#RB 0	Pass	1902.5	13.00	6.30	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	5.62	1
1880MHz_QPSK_RB 100,#RB 0	Pass	1880	13.00	5.18	1
1900MHz_QPSK_RB 100,#RB 0	Pass	1900	13.00	5.39	1
1860MHz_16QAM_RB 100,#RB 0	Pass	1860	13.00	6.45	1
1880MHz_16QAM_RB 100,#RB 0	Pass	1880	13.00	5.97	1
1900MHz_16QAM_RB 100,#RB 0	Pass	1900	13.00	6.32	1

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX

PAR

1850.7MHz_QPSK_RB 6,#RB 0

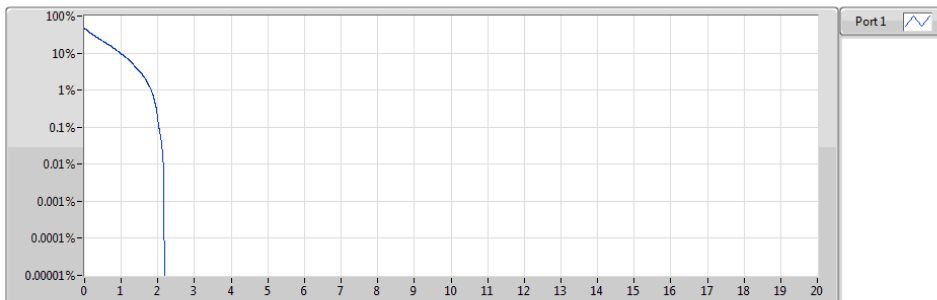


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1850.7	20M	5.42	-7.58	13.00	1

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX

PAR

1880MHz_QPSK_RB 6,#RB 0

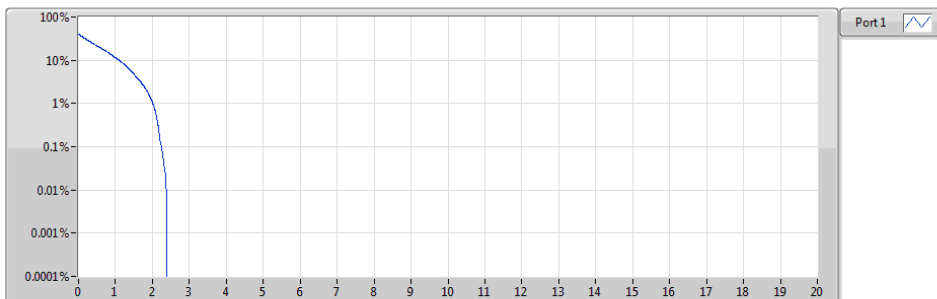


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.07	-7.93	13.00	1

Band 2_LTE_1.4MHz_Nss1,QPSK_1TX

PAR

1909.3MHz_QPSK_RB 6,#RB 0

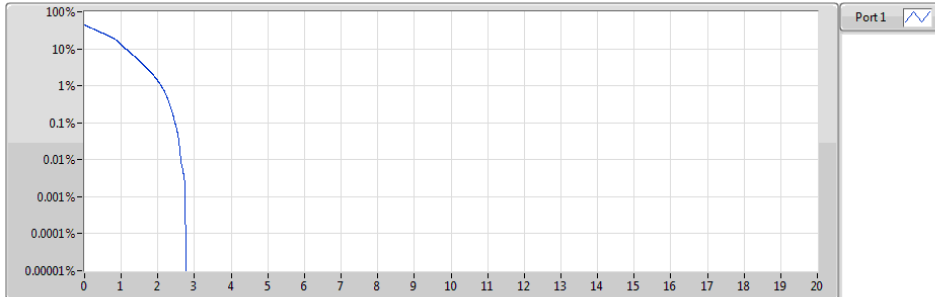


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1909.3	20M	5.60	-7.40	13.00	1

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX

PAR

1850.7MHz_16QAM_RB 6,#RB 0

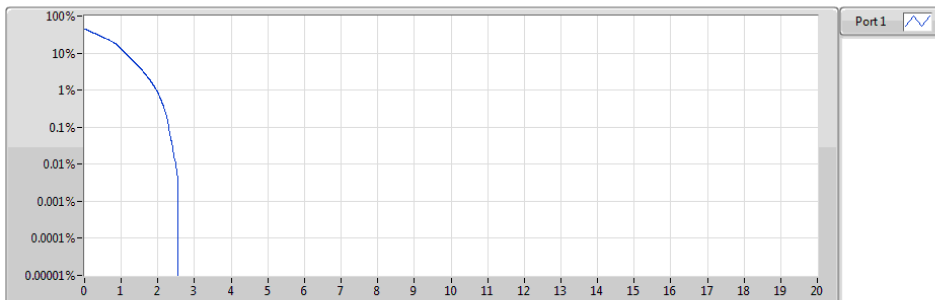


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1850.7	20M	6.17	-6.83	13.00	1

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX

PAR

1880MHz_16QAM_RB 6,#RB 0

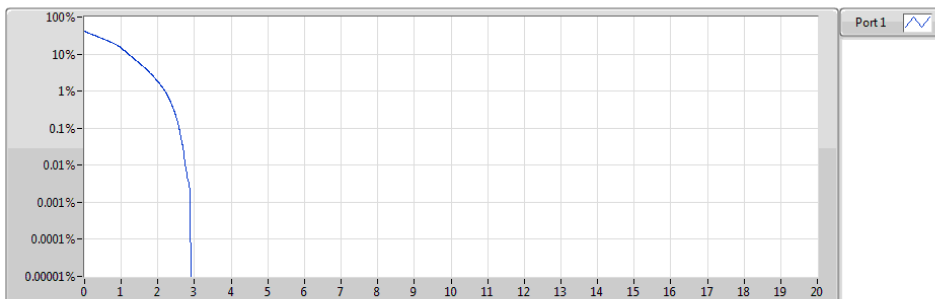


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.74	-7.26	13.00	1

Band 2_LTE_1.4MHz_Nss1,16QAM_1TX

PAR

1909.3MHz_16QAM_RB 6,#RB 0

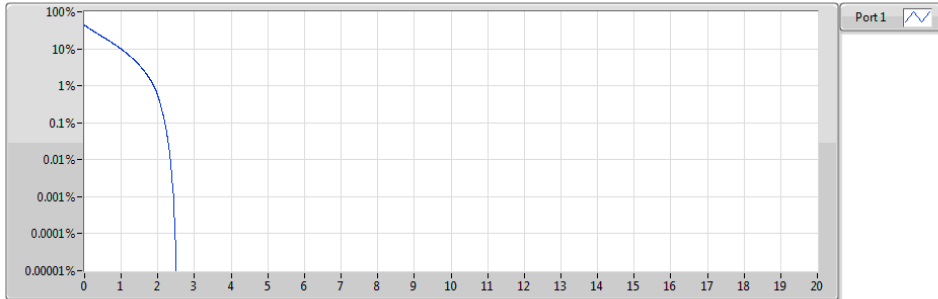


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1909.3	20M	6.45	-6.55	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX

PAR

1851.5MHz_QPSK_RB 15,#RB 0

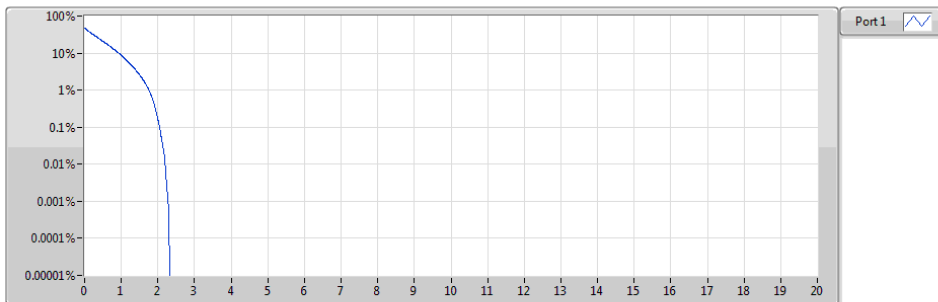


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1851.5	20M	5.47	-7.53	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX

PAR

1880MHz_QPSK_RB 15,#RB 0

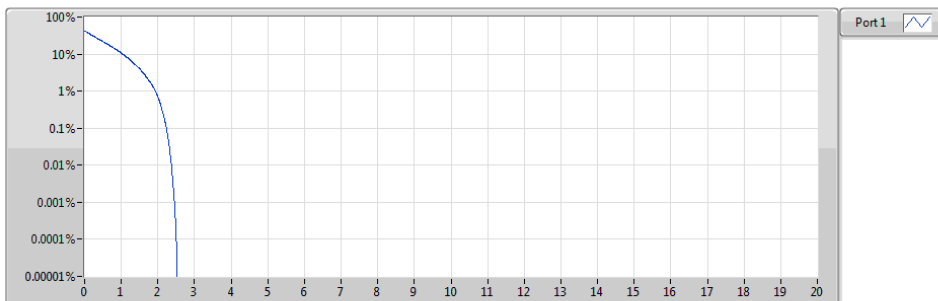


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.11	-7.89	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX

PAR

1908.5MHz_QPSK_RB 15,#RB 0

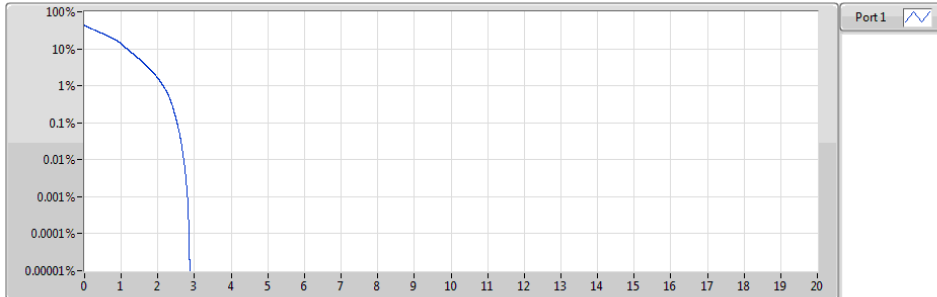


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1908.5	20M	5.58	-7.42	13.00	1

Band 2_LTE_3MHz_Nss1,16QAM_1TX

PAR

1851.5MHz_16QAM_RB 15,#RB 0

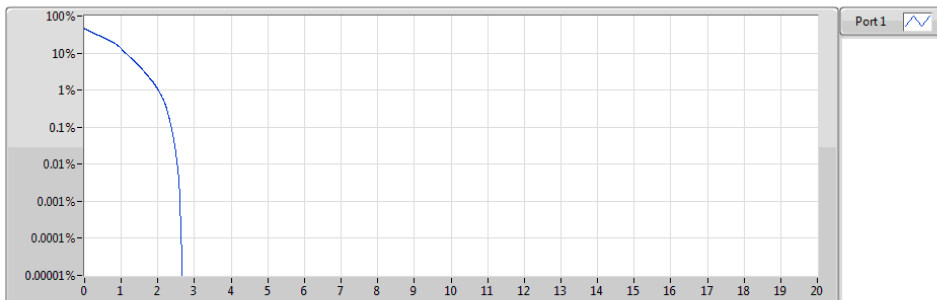


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1851.5	20M	6.30	-6.70	13.00	1

Band 2_LTE_3MHz_Nss1,16QAM_1TX

PAR

1880MHz_16QAM_RB 15,#RB 0

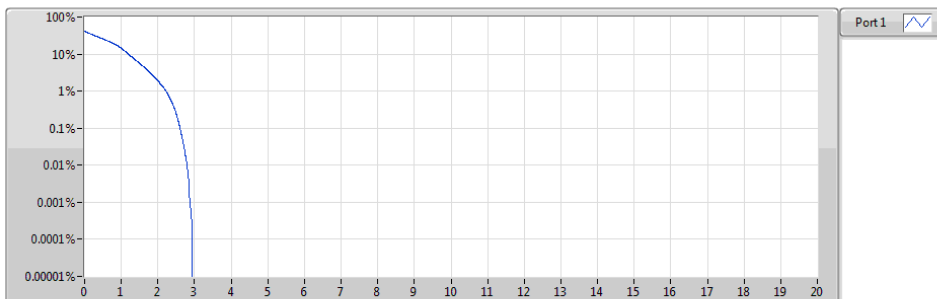


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.91	-7.09	13.00	1

Band 2_LTE_3MHz_Nss1,16QAM_1TX

PAR

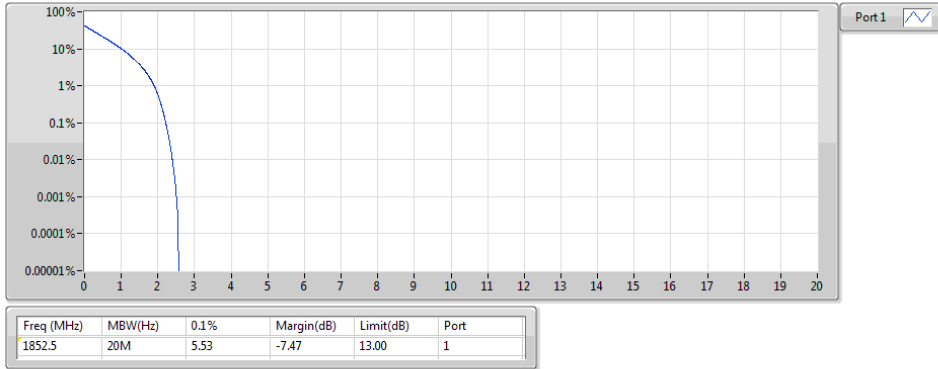
1908.5MHz_16QAM_RB 15,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1908.5	20M	6.51	-6.49	13.00	1

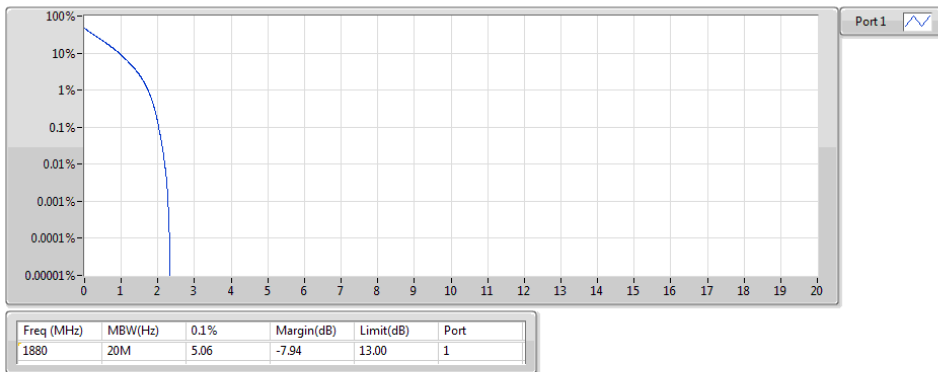
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1852.5MHz_QPSK_RB 25,#RB 0

PAR



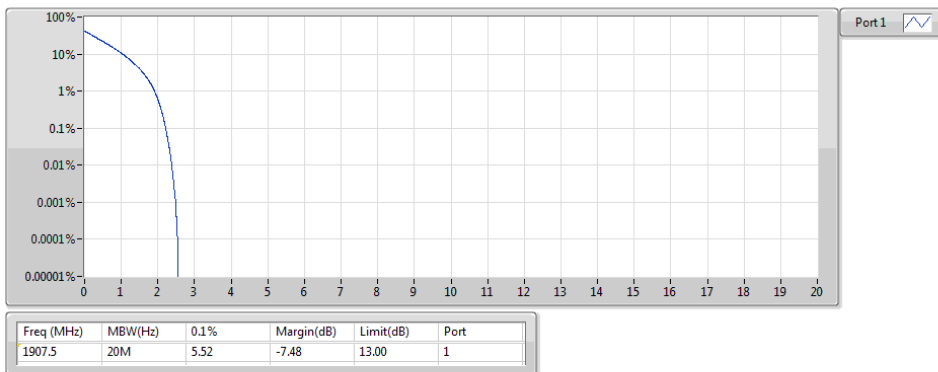
Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 25,#RB 0

PAR



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

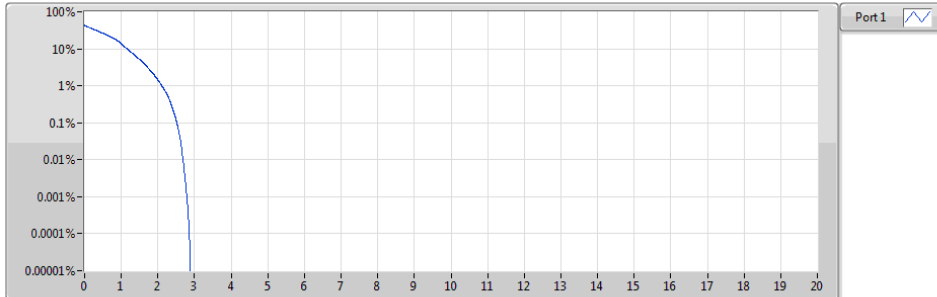
PAR



Band 2_LTE_5MHz_Nss1,16QAM_1TX

PAR

1852.5MHz_16QAM_RB 25,#RB 0

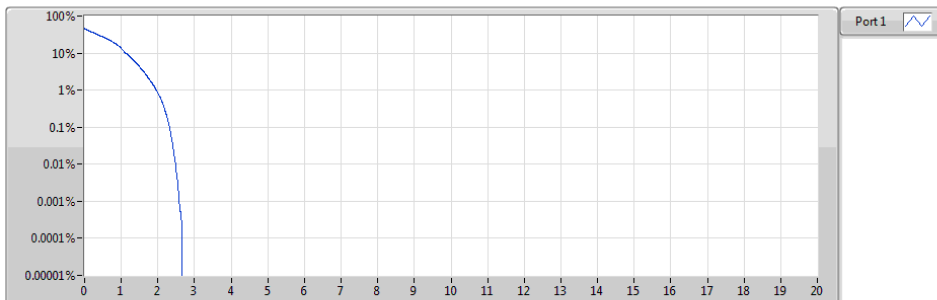


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1852.5	20M	6.29	-6.71	13.00	1

Band 2_LTE_5MHz_Nss1,16QAM_1TX

PAR

1880MHz_16QAM_RB 25,#RB 0

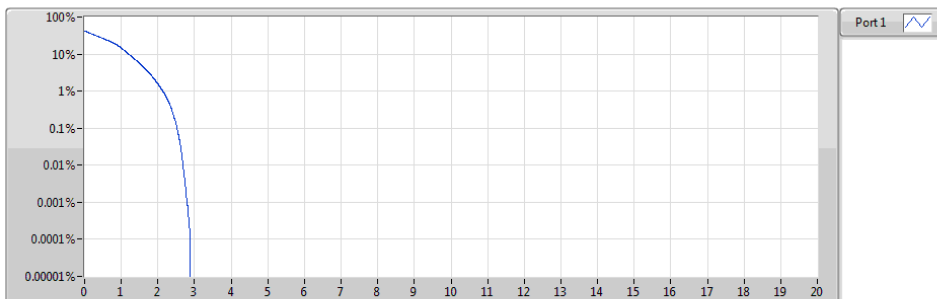


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.79	-7.21	13.00	1

Band 2_LTE_5MHz_Nss1,16QAM_1TX

PAR

1907.5MHz_16QAM_RB 25,#RB 0

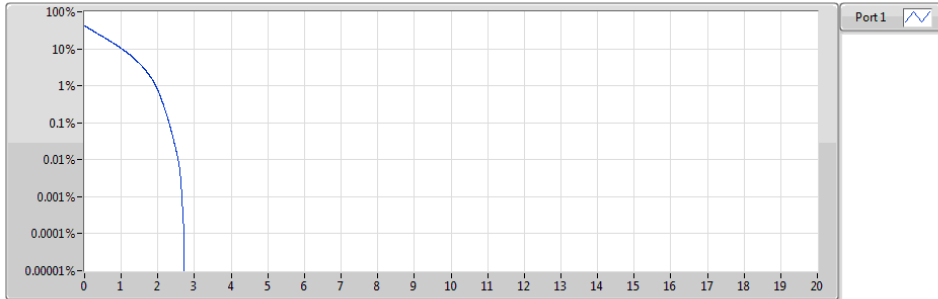


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1907.5	20M	6.30	-6.70	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX

PAR

1855MHz_QPSK_RB 50,#RB 0

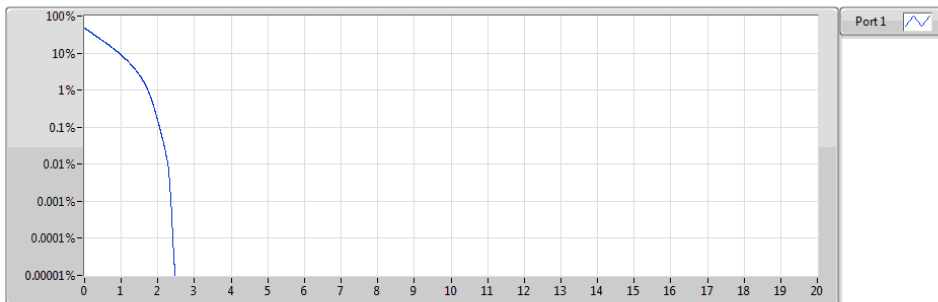


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1855	20M	5.76	-7.24	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX

PAR

1880MHz_QPSK_RB 50,#RB 0

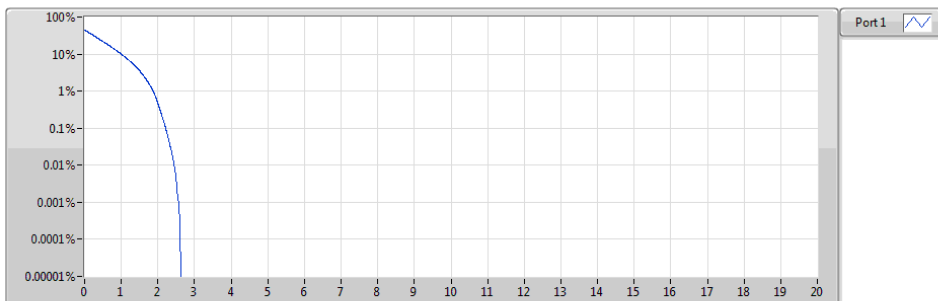


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.11	-7.89	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX

PAR

1905MHz_QPSK_RB 50,#RB 0

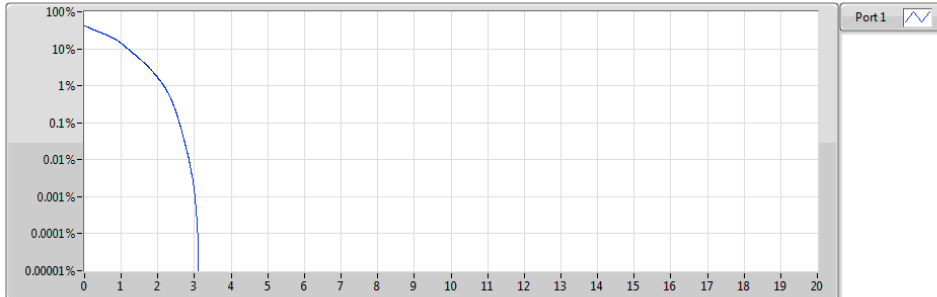


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1905	20M	5.52	-7.48	13.00	1

Band 2_LTE_10MHz_Nss1,16QAM_1TX

PAR

1855MHz_16QAM_RB 50,#RB 0

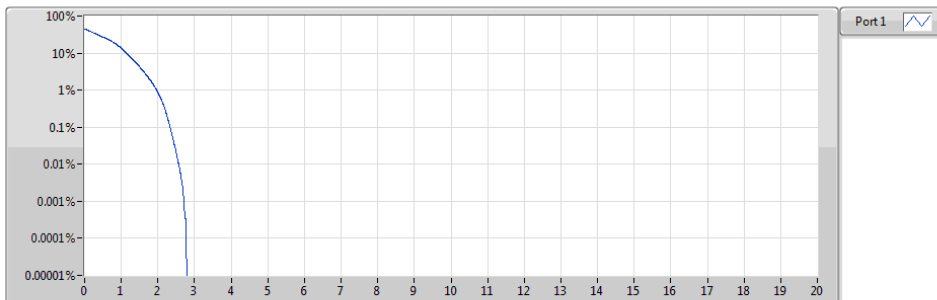


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1855	20M	6.46	-6.54	13.00	1

Band 2_LTE_10MHz_Nss1,16QAM_1TX

PAR

1880MHz_16QAM_RB 50,#RB 0

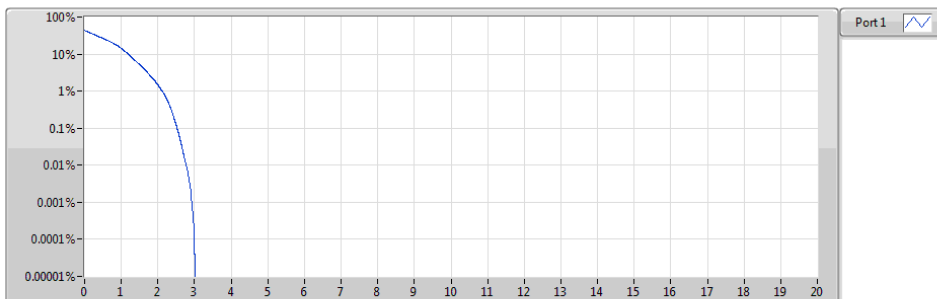


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.83	-7.17	13.00	1

Band 2_LTE_10MHz_Nss1,16QAM_1TX

PAR

1905MHz_16QAM_RB 50,#RB 0

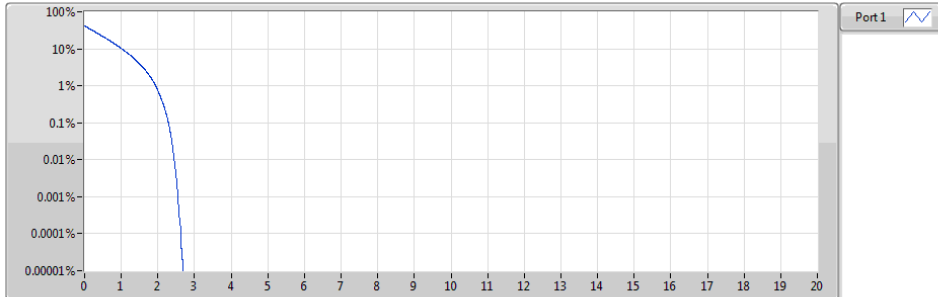


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1905	20M	6.30	-6.70	13.00	1

Band 2_LTE_15MHz_Nss1,QPSK_1TX

PAR

1857.5MHz_QPSK_RB 75,#RB 0

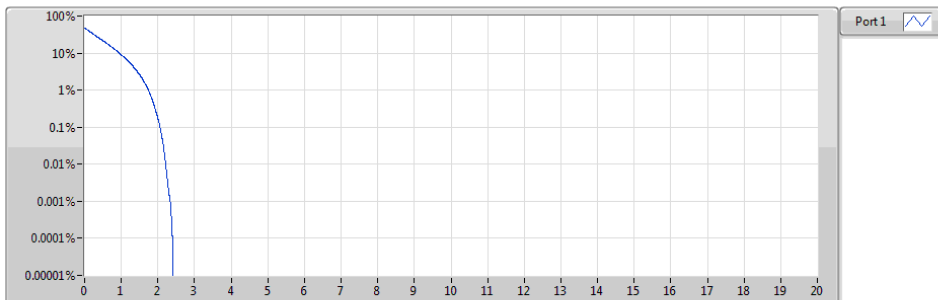


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1857.5	20M	5.72	-7.28	13.00	1

Band 2_LTE_15MHz_Nss1,QPSK_1TX

PAR

1880MHz_QPSK_RB 75,#RB 0

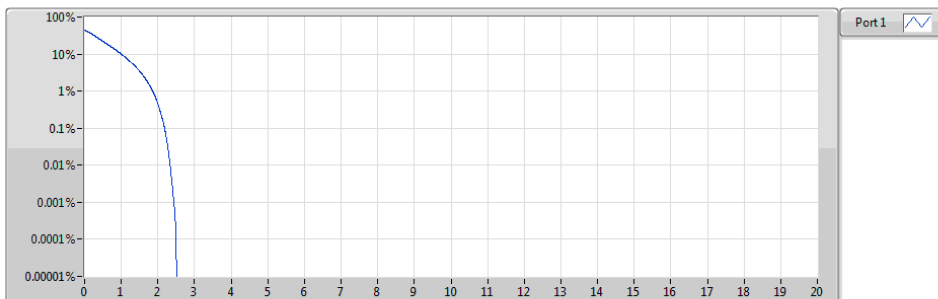


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.15	-7.85	13.00	1

Band 2_LTE_15MHz_Nss1,QPSK_1TX

PAR

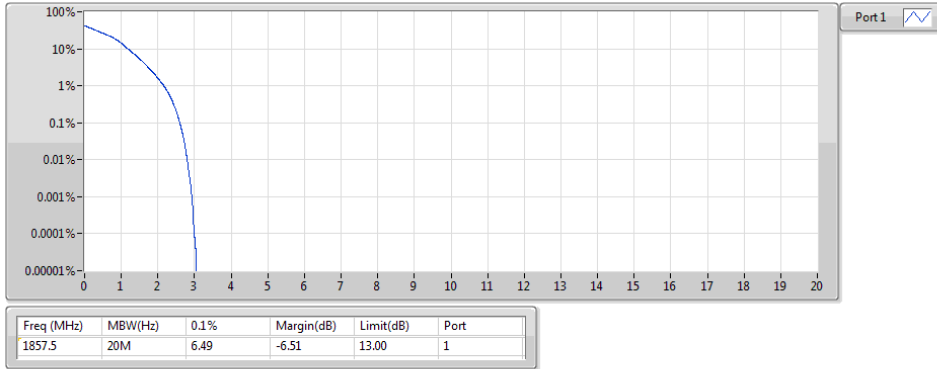
1902.5MHz_QPSK_RB 75,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1902.5	20M	5.45	-7.55	13.00	1

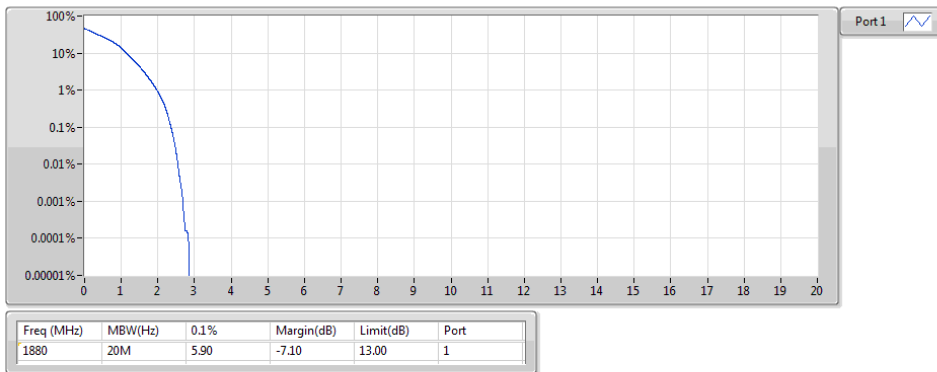
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1857.5MHz_16QAM_RB 75,#RB 0

PAR



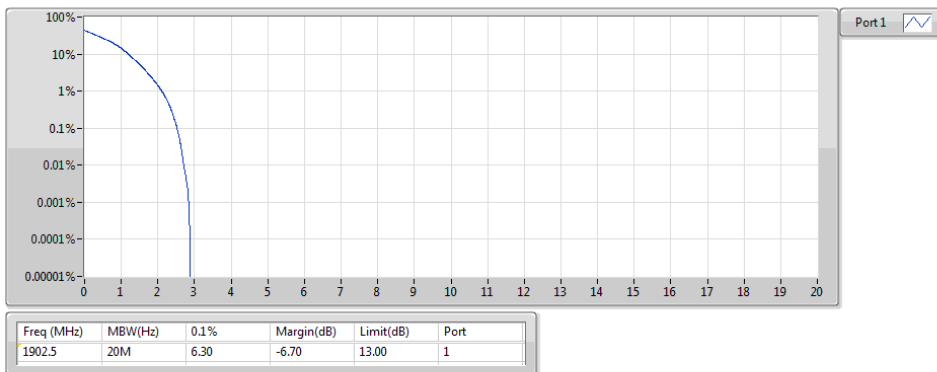
Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 75,#RB 0

PAR



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

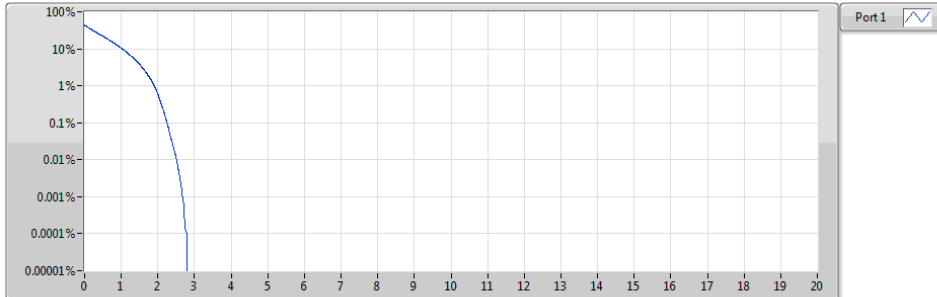
PAR



Band 2_LTE_20MHz_Nss1,QPSK_1TX

PAR

1860MHz_QPSK_RB 100,#RB 0

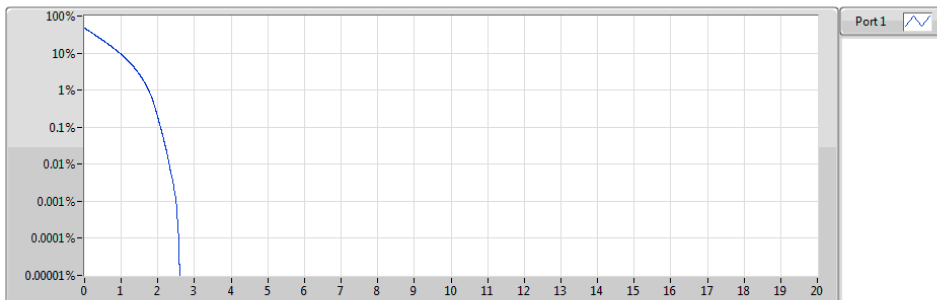


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1860	20M	5.62	-7.38	13.00	1

Band 2_LTE_20MHz_Nss1,QPSK_1TX

PAR

1880MHz_QPSK_RB 100,#RB 0

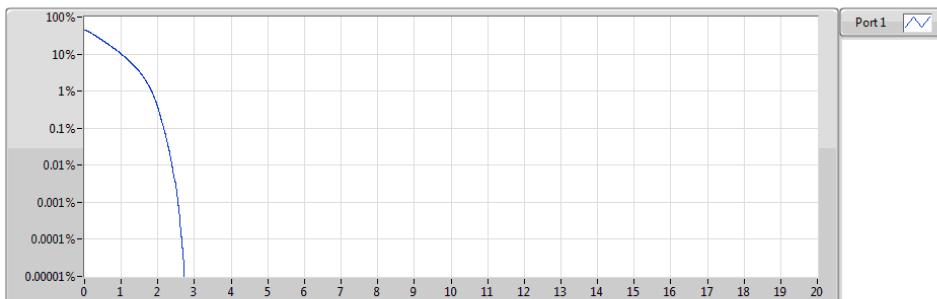


Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.18	-7.82	13.00	1

Band 2_LTE_20MHz_Nss1,QPSK_1TX

PAR

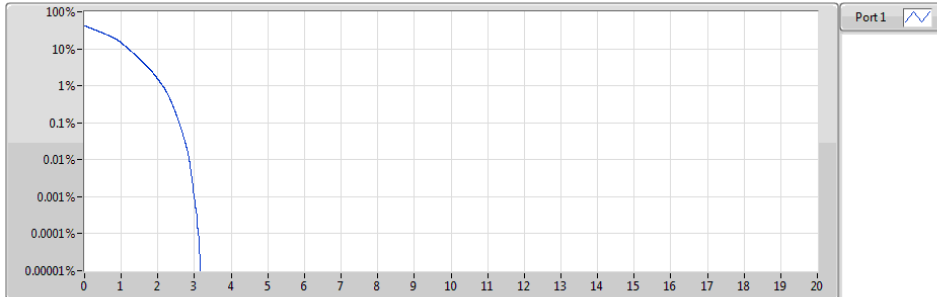
1900MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1900	20M	5.39	-7.61	13.00	1

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

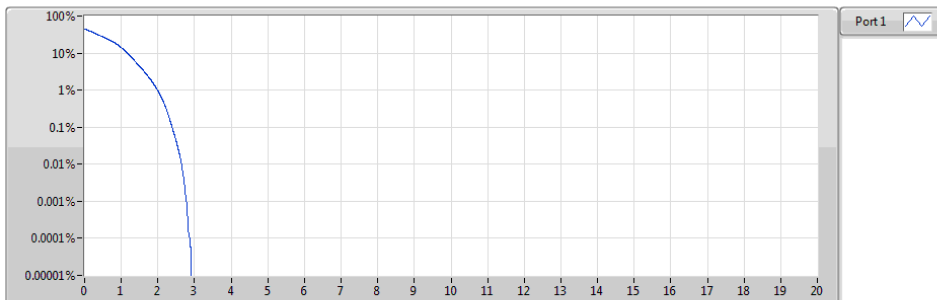
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1860	20M	6.45	-6.55	13.00	1

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

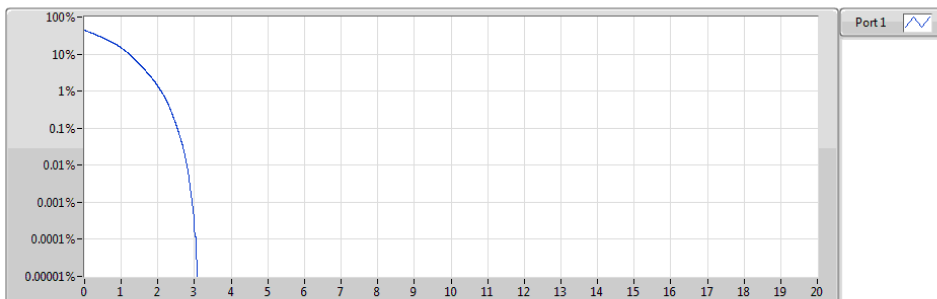
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.97	-7.03	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	6.32	-6.68	13.00	1

3.6 Frequency Stability

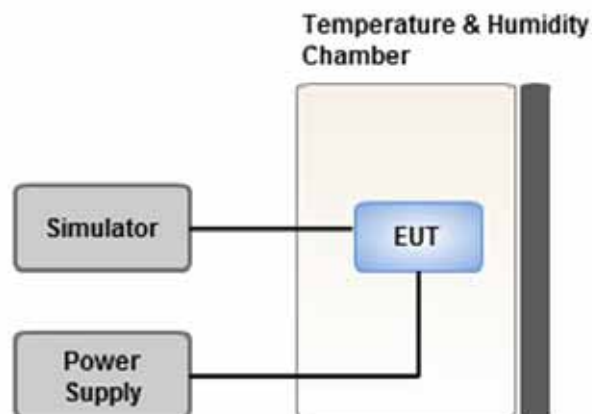
3.6.1 Limit of Frequency Stability

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

CB: 1.4MHz				
Temperature (°C)	1850.7MHz		1909.3MHz	
	Frequency Drift (ppm)	F _L (MHz)	Frequency Drift (ppm)	F _H (MHz)
T20°CVmax	0.004	1850.160008	0.004	1909.840007
T20°CVmin	0.003	1850.160006	0.003	1909.840006
T70°CVnom	0.004	1850.160007	0.004	1909.840007
T60°CVnom	0.003	1850.160006	0.003	1909.840006
T50°CVnom	0.003	1850.160006	0.003	1909.840005
T40°CVnom	0.003	1850.160005	0.003	1909.840005
T30°CVnom	0.003	1850.160005	0.002	1909.840004
T20°CVnom	0.003	1850.160005	0.002	1909.840003
T10°CVnom	0.003	1850.160006	0.003	1909.840005
T0°CVnom	0.002	1850.160004	0.002	1909.840003
T-10°CVnom	0.002	1850.160003	0.002	1909.840004
T-20°CVnom	0.003	1850.160005	0.002	1909.840004
T-30°CVnom	0.003	1850.160006	0.003	1909.840005
T-40°CVnom	0.004	1850.160007	0.003	1909.840006
Limit	>1850MHz		<1910MHz	

CB: 3MHz				
Temperature (°C)	1851.5MHz		1908.5MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.004	1850.158007	0.004	1909.838007
T20°CVmin	0.004	1850.158007	0.004	1909.838008
T70°CVnom	0.003	1850.158006	0.003	1909.838006
T60°CVnom	0.003	1850.158005	0.003	1909.838005
T50°CVnom	0.003	1850.158005	0.003	1909.838005
T40°CVnom	0.002	1850.158004	0.003	1909.838006
T30°CVnom	0.003	1850.158006	0.003	1909.838005
T20°CVnom	0.003	1850.158005	0.002	1909.838004
T10°CVnom	0.002	1850.158004	0.003	1909.838005
T0°CVnom	0.002	1850.158003	0.003	1909.838006
T-10°CVnom	0.003	1850.158005	0.003	1909.838005
T-20°CVnom	0.002	1850.158004	0.003	1909.838006
T-30°CVnom	0.002	1850.158003	0.003	1909.838005
T-40°CVnom	0.003	1850.158005	0.002	1909.838004
Limit	>1850MHz		<1910MHz	

CB: 5MHz				
Temperature (°C)	1852.5MHz		1907.5MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.004	1850.263007	0.003	1909.728006
T20°CVmin	0.004	1850.263005	0.004	1909.728008
T70°CVnom	0.003	1850.263006	0.003	1909.728006
T60°CVnom	0.003	1850.263005	0.003	1909.728005
T50°CVnom	0.003	1850.263004	0.003	1909.728006
T40°CVnom	0.002	1850.263006	0.003	1909.728006
T30°CVnom	0.003	1850.263007	0.003	1909.728005
T20°CVnom	0.003	1850.263005	0.002	1909.728004
T10°CVnom	0.002	1850.263004	0.002	1909.728003
T0°CVnom	0.002	1850.263003	0.002	1909.728004
T-10°CVnom	0.003	1850.263006	0.003	1909.728006
T-20°CVnom	0.002	1850.263004	0.004	1909.728007
T-30°CVnom	0.002	1850.263005	0.003	1909.728006
T-40°CVnom	0.003	1850.263007	0.003	1909.728006
Limit	>1850MHz		<1910MHz	

CB: 10MHz				
Temperature (°C)	1855MHz		1905MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.004	1850.539006	0.003	1909.443006
T20°CVmin	0.004	1850.539006	0.003	1909.443005
T70°CVnom	0.003	1850.539005	0.003	1909.443006
T60°CVnom	0.003	1850.539007	0.003	1909.443005
T50°CVnom	0.003	1850.539005	0.003	1909.443006
T40°CVnom	0.002	1850.539004	0.003	1909.443006
T30°CVnom	0.003	1850.539006	0.003	1909.443005
T20°CVnom	0.003	1850.539006	0.002	1909.443004
T10°CVnom	0.002	1850.539007	0.003	1909.443006
T0°CVnom	0.002	1850.539005	0.002	1909.443004
T-10°CVnom	0.003	1850.539004	0.003	1909.443006
T-20°CVnom	0.002	1850.539006	0.003	1909.443005
T-30°CVnom	0.002	1850.539006	0.002	1909.443004
T-40°CVnom	0.003	1850.539005	0.003	1909.443005
Limit	>1850MHz		<1910MHz	

CB: 15MHz				
Temperature (°C)	1857.5MHz		1902.5MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.004	1850.814007	0.003	1909.167006
T20°CVmin	0.004	1850.814006	0.004	1909.167007
T70°CVnom	0.003	1850.814006	0.003	1909.167006
T60°CVnom	0.003	1850.814007	0.003	1909.167006
T50°CVnom	0.003	1850.814006	0.004	1909.167007
T40°CVnom	0.002	1850.814006	0.003	1909.167006
T30°CVnom	0.003	1850.814005	0.003	1909.167005
T20°CVnom	0.003	1850.814006	0.003	1909.167005
T10°CVnom	0.002	1850.814007	0.003	1909.167006
T0°CVnom	0.002	1850.814005	0.004	1909.167007
T-10°CVnom	0.003	1850.814005	0.003	1909.167005
T-20°CVnom	0.002	1850.814006	0.002	1909.167003
T-30°CVnom	0.002	1850.814006	0.003	1909.167006
T-40°CVnom	0.003	1850.814007	0.004	1909.167007
Limit	>1850MHz		<1910MHz	

CB: 20MHz				
Temperature (°C)	1860MHz		1900MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.004	1851.084008	0.004	1908.875007
T20°CVmin	0.004	1851.084006	0.003	1908.875006
T70°CVnom	0.003	1851.084007	0.004	1908.875007
T60°CVnom	0.003	1851.084006	0.003	1908.875006
T50°CVnom	0.003	1851.084006	0.003	1908.875005
T40°CVnom	0.002	1851.084005	0.003	1908.875005
T30°CVnom	0.003	1851.084005	0.002	1908.875004
T20°CVnom	0.003	1851.084005	0.002	1908.875003
T10°CVnom	0.002	1851.084006	0.003	1908.875005
T0°CVnom	0.002	1851.084004	0.002	1908.875003
T-10°CVnom	0.003	1851.084003	0.002	1908.875004
T-20°CVnom	0.002	1851.084005	0.002	1908.875004
T-30°CVnom	0.002	1851.084006	0.003	1908.875005
T-40°CVnom	0.003	1851.084007	0.003	1908.875006
Limit	>1850MHz		<1910MHz	

4 Test laboratory information

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

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

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

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