FCC Test Report

FCC ID	:	**2AIHD2046**
Equipment	:	**AG46**
Model No.	:	**010-2046**
Brand Name	:	**Samsara**
Applicant	:	**Samsara Networks Inc.**
Address	:	**444 De Haro Street, San Francisco, CA 94107, U.S.A.**
Standard	:	**47 CFR FCC Part 24 Subpart E**
Received Date	:	**May 08, 2020**
Tested Date	:	**Jun. 04 ~ Jun. 18, 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.
The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

Reviewed by: **Approved by:**

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

Testing Laboratory 2732

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Release Record

Report No.	Version	Description	Issued Date
FG050802P24	Rev. 01	Initial issue	Jul. 01, 2020
FG050802P24	Rev. 02	Model name changed.	Jul. 07, 2020
FG050802P24	Rev. 03	Model / product name changed.	Jul. 09, 2020

Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 24.232(c)	Equivalent Isotropically Radiated Power	Power[dBm]: 24.66	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	**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
UE Category	M1

1.1.2 Antenna Details

Ant. No.	Type	Connector	Gain (dBi)	Remark
1	PIFA	No	3.51	---

1.1.3 EUT Operational Condition

Supply Voltage	14.4 Vdc from battery (x4)		
Operational Voltage	☒ Tnom (14.4V)	☒ Tmax (14.5V)	☒ Tmin (6V)
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (85°C)	☒ Tmin (-40°C)

1.1.4 Accessories

Accessories		
No.	**Equipment**	**Description**
1	Battery x4	Brand: Fanso Model: ER14505M Rating: 3.6V/2.1Ah

1.1.5 Maximum EIRP and Emission Designator

Mode	Modulation	Maximum EIRP (W)	Emission Designator
Band 2, CB: 1.4MHz	QPSK	0.275	1M08G7D
Band 2, CB: 1.4MHz	16QAM	0.218	906KW7D
Band 2, CB: 3MHz	QPSK	0.281	1M08G7D
Band 2, CB: 3MHz	16QAM	0.217	912KW7D
Band 2, CB: 5MHz	QPSK	0.277	1M09G7D
Band 2, CB: 5MHz	16QAM	0.269	916KW7D
Band 2, CB: 10MHz	QPSK	0.292	1M09G7D
Band 2, CB: 10MHz	16QAM	0.269	922KW7D
Band 2, CB: 15MHz	QPSK	0.282	1M10G7D
Band 2, CB: 15MHz	16QAM	0.273	923KW7D
Band 2, CB: 20MHz	QPSK	0.286	1M11G7D
Band 2, CB: 20MHz	16QAM	0.270	935KW7D

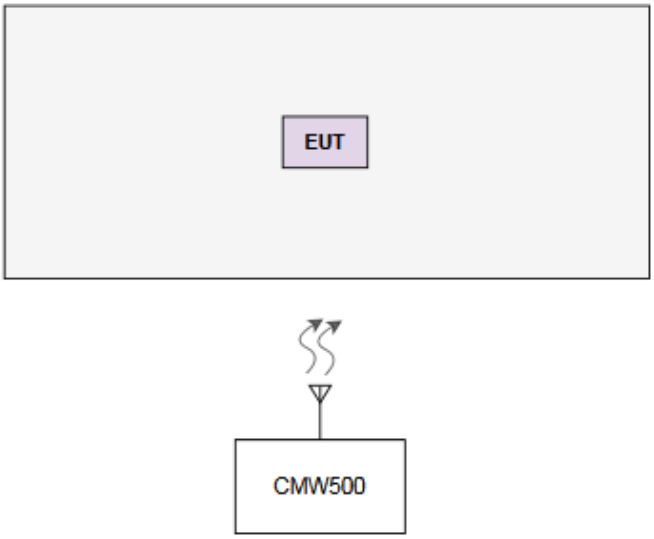
1.1.6 Operating Channel List

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
-	-	-	-	-	---

1.3 Test Setup Chart

Test Setup Diagram


1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Wideband Radio Communication Tester	R&S	CMW500	106070	Feb. 06, 2020	Feb. 05, 2021
Spectrum Analyzer	R&S	FSV40	101498	Dec. 17, 2019	Dec. 16, 2020
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 12, 2019	Jul. 11, 2020
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 12, 2019	Dec. 11, 2020
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2019	Nov. 12, 2020
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980225	Jul. 09, 2019	Jul. 08, 2020
Preamplifier	Agilent	83017A	MY39501308	Oct. 08, 2019	Oct. 07, 2020
RF Cable	EMC	EMC104-SM-SM-8000	181106	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 07, 2019	Oct. 06, 2020
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 07, 2019	Oct. 06, 2020
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 07, 2019	Oct. 06, 2020
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Oct. 07, 2019	Oct. 06, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101063	Apr. 30, 2020	Apr. 29, 2021
Spectrum Analyzer	R&S	FSV40	101499	Jan. 09, 2020	Jan. 08, 2021
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Dec. 12, 2019	Dec. 11, 2020
Power Meter	Anritsu	ML2495A	1241002	Oct. 23, 2019	Oct. 22, 2020
Power Sensor	Anritsu	MA2411B	1207366	Oct. 23, 2019	Oct. 22, 2020
Wideband Radio Communication Tester	R&S	CMW500	106070	Feb. 06, 2020	Feb. 05, 2021
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Oct. 29, 2019	Oct. 28, 2020
Measurement Software	-	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
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Conducted emission	±2.715 dB
Radiated emission ≤ 1GHz	±3.41 dB
Radiated emission > 1GHz	±4.59 dB
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	24-26°C / 65-68%	Brad Wu
RF Conducted	TH01-WS	24-26°C / 64-68%	Aska Huang

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

2.2 Testing Facility

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

2.3 The Worst Test Modes and Channel Details

Test item	Channel Bandwidth	Modulation	Test channel
E.I.R.P Conducted Emissions Occupied Bandwidth Peak to Average Ratio	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	18607 / 18900 / 19193 18615 / 18900 / 19185 18625 / 18900 / 19175 18650 / 18900 / 19150 18675 / 18900 / 19125 18700 / 18900 / 19100
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
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
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
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
Note: 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report.			

3 Test Results

3.1 Equivalent Isotropically Radiated Power

3.1.1 Limit of Equivalent Isotropically Radiated Power

Mobile and portable stations are limited to 2 watts EIRP.

3.1.2 Test Procedures

For E.I.R.P measurement

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

1. EIRP = $P_T + G_T - L_C$

   P_T = transmitter output power, in dBm.

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

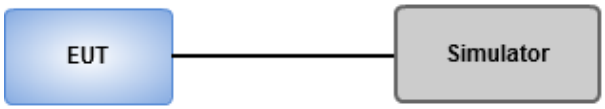
   L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For Conducted power measurement

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

3.1.3 Test Setup

Conducted Power Measurement



3.1.4 Test Result of Conducted power (dBm)

Band / Channel Bandwidth			Band 2 / CB: 1.4MHz		
Channel			18607	18900	19193
Frequency (MHz)			1850.7	1880.0	1909.3
Mode	RB size# RB start	RB Index	Maximum AV Power (dBm)		
QPSK	1#0	0	20.86	20.61	**20.88**
	1#5	0	20.73	20.44	20.72
	6#0	0	18.75	18.55	18.67
16QAM	1#0	0	19.87	19.61	19.73
	1#5	0	19.68	19.49	19.32
	5#0	0	18.46	18.44	18.65

Band / Channel Bandwidth			Band 2 / CB: 3MHz		
Channel			18615	18900	19185
Frequency (MHz)			1851.5	1880.0	1908.5
Mode	RB size# RB start	RB Index	Maximum AV Power (dBm)		
QPSK	1#0	0	20.91	20.78	**20.97**
	1#0	1	20.85	20.77	20.89
	1#5	0	20.63	20.59	20.78
	1#5	1	20.72	20.57	20.75
	3#0	0	19.72	19.52	19.78
	3#3	1	19.64	19.49	19.66
	6#0	0	18.62	18.44	18.51
	6#0	1	18.61	18.42	18.49
16QAM	1#0	0	19.85	19.42	19.71
	1#0	1	19.84	19.32	19.59
	1#5	0	19.71	19.19	19.32
	1#5	1	19.72	19.12	19.25
	3#0	0	18.62	18.62	18.89
	3#3	1	18.32	18.58	18.74
	5#0	0	18.64	18.64	18.82
	5#0	1	18.62	18.66	18.81

Band / Channel Bandwidth			Band 2 / CB: 5MHz		
Channel			18625	18900	19175
Frequency (MHz)			1852.5	1880.0	1907.5
Mode	RB size# RB start	RB Index	Maximum AV Power (dBm)		
QPSK	1#0	0	20.87	20.64	**20.91**
	1#0	1	20.84	20.58	20.90
	1#5	1	20.57	20.41	20.89
	1#5	3	20.57	20.41	20.85
	3#0	0	20.72	20.62	20.77
	3#3	3	20.64	20.48	20.62
	6#0	0	19.55	19.41	19.55
	6#0	3	19.61	19.42	19.51
16QAM	1#0	0	20.79	20.64	20.62
	1#0	1	20.72	20.60	20.44
	1#5	1	20.56	20.35	20.24
	1#5	3	20.55	20.41	20.23
	3#0	0	20.71	20.61	20.52
	3#3	3	20.72	20.46	20.46
	5#0	0	19.91	19.39	19.56
	5#0	3	19.91	19.53	19.53

Band / Channel Bandwidth			Band 2 / CB: 10MHz		
Channel			18650	18900	19150
Frequency (MHz)			1855.0	1880.0	1905.0
Mode	RB size# RB start	RB Index	Maximum AV Power (dBm)		
QPSK	1#0	0	20.85	20.65	**21.15**
	1#0	3	20.77	20.64	21.12
	1#5	3	20.59	20.44	20.91
	1#5	7	20.56	20.39	20.89
	3#0	0	20.81	20.64	20.76
	3#3	7	20.61	20.48	20.68
	6#0	0	19.61	19.41	19.53
	6#0	7	19.62	19.46	19.63
16QAM	1#0	0	20.78	20.62	20.52
	1#0	3	20.74	20.60	20.46
	1#5	3	20.54	20.37	20.26
	1#5	7	20.46	20.39	20.18
	3#0	0	20.73	20.54	20.45
	3#3	7	20.69	20.41	20.44
	5#0	0	20.71	20.61	20.36
	5#0	7	20.70	20.57	20.41

Band / Channel Bandwidth			Band 2 / CB: 15MHz		
Channel			18675	18900	19125
Frequency (MHz)			1857.5	1880.0	1902.5
Mode	RB size# RB start	RB Index	Maximum AV Power (dBm)		
QPSK	1#0	0	20.88	20.80	**20.99**
	1#0	5	20.86	20.76	20.92
	1#5	5	20.65	20.62	20.86
	1#5	11	20.51	20.66	20.91
	3#0	0	20.86	20.75	20.91
	3#3	11	20.58	20.56	20.69
	6#0	0	20.78	20.69	20.78
	6#0	11	20.77	20.65	20.81
16QAM	1#0	0	20.85	20.56	20.54
	1#0	5	20.82	20.51	20.51
	1#5	5	20.53	20.11	20.23
	1#5	11	20.52	20.12	20.24
	3#0	0	20.84	20.50	20.54
	3#3	11	20.64	20.41	20.43
	5#0	0	20.68	20.36	20.52
	5#0	11	20.65	20.33	20.50

Band / Channel Bandwidth			Band 2 / CB: 20MHz		
Channel			18700	18900	19100
Frequency (MHz)			1860.0	1880.0	1900.0
Mode	RB size# RB start	RB Index	Maximum AV Power (dBm)		
QPSK	1#0	0	20.86	20.89	**21.05**
	1#0	7	20.72	20.87	20.84
	1#5	7	20.53	20.65	20.84
	1#5	15	20.49	20.62	20.89
	3#0	0	20.86	20.81	20.72
	3#3	15	20.65	20.55	20.59
	6#0	0	20.81	20.69	20.62
	6#0	15	20.79	20.71	20.77
16QAM	1#0	0	20.81	20.58	20.60
	1#0	7	20.71	20.53	20.55
	1#5	7	20.51	20.06	20.21
	1#5	15	20.52	20.13	20.28
	3#0	0	20.79	20.56	20.51
	3#3	15	20.62	20.37	20.43
	5#0	0	20.75	20.48	20.32
	5#0	15	20.70	20.46	20.31

3.1.5 Test Result of Equivalent Isotropically Radiated Power (dBm)

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 2	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	20.88	0.122	24.39	0.275
LTE-M1_1.4MHz_Nss1,16QAM_1TX	19.87	0.097	23.38	0.218
LTE-M1_3MHz_Nss1,QPSK_1TX	20.97	0.125	24.48	0.281
LTE-M1_3MHz_Nss1,16QAM_1TX	19.85	0.097	23.36	0.217
LTE-M1_5MHz_Nss1,QPSK_1TX	20.91	0.123	24.42	0.277
LTE-M1_5MHz_Nss1,16QAM_1TX	20.79	0.120	24.30	0.269
LTE-M1_10MHz_Nss1,QPSK_1TX	21.15	0.130	24.66	0.292
LTE-M1_10MHz_Nss1,16QAM_1TX	20.78	0.120	24.29	0.269
LTE-M1_15MHz_Nss1,QPSK_1TX	20.99	0.126	24.50	0.282
LTE-M1_15MHz_Nss1,16QAM_1TX	20.85	0.122	24.36	0.273
LTE-M1_20MHz_Nss1,QPSK_1TX	21.05	0.127	24.56	0.286
LTE-M1_20MHz_Nss1,16QAM_1TX	20.81	0.121	24.32	0.270

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-M1_1.4MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1850.7MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.37	0.27353	2	20.86	0.122	Inf	20.86
1850.7MHz_QPSK_RB 1,#RB 5,NB 0	Pass	3.51	24.24	0.26546	2	20.73	0.118	Inf	20.73
1850.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.26	0.16827	2	18.75	0.075	Inf	18.75
1880MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.12	0.25823	2	20.61	0.115	Inf	20.61
1880MHz_QPSK_RB 1,#RB 5,NB 0	Pass	3.51	23.95	0.24831	2	20.44	0.111	Inf	20.44
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.06	0.16069	2	18.55	0.072	Inf	18.55
1909.3MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.39	0.27479	2	20.88	0.122	Inf	20.88
1909.3MHz_QPSK_RB 1,#RB 5,NB 0	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1909.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.18	0.16520	2	18.67	0.074	Inf	18.67
1850.7MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	23.38	0.21777	2	19.87	0.097	Inf	19.87
1850.7MHz_16QAM_RB 1,#RB 5,NB 0	Pass	3.51	23.19	0.20845	2	19.68	0.093	Inf	19.68
1850.7MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	21.97	0.15740	2	18.46	0.070	Inf	18.46
1880MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	23.12	0.20512	2	19.61	0.091	Inf	19.61
1880MHz_16QAM_RB 1,#RB 5,NB 0	Pass	3.51	23.00	0.19953	2	19.49	0.089	Inf	19.49
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	21.95	0.15668	2	18.44	0.070	Inf	18.44
1909.3MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	23.24	0.21086	2	19.73	0.094	Inf	19.73
1909.3MHz_16QAM_RB 1,#RB 5,NB 0	Pass	3.51	22.83	0.19187	2	19.32	0.086	Inf	19.32
1909.3MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	22.16	0.16444	2	18.65	0.073	Inf	18.65
Band 2_LTE-M1_3MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1851.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.42	0.27669	2	20.91	0.123	Inf	20.91
1851.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	3.51	24.36	0.27290	2	20.85	0.122	Inf	20.85
1851.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	3.51	24.14	0.25942	2	20.63	0.116	Inf	20.63
1851.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1851.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	23.23	0.21038	2	19.72	0.094	Inf	19.72
1851.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	3.51	23.15	0.20654	2	19.64	0.092	Inf	19.64
1851.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.13	0.16331	2	18.62	0.073	Inf	18.62
1851.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	3.51	22.12	0.16293	2	18.61	0.073	Inf	18.61
1880MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.29	0.26853	2	20.78	0.120	Inf	20.78
1880MHz_QPSK_RB 1,#RB 0,NB 1	Pass	3.51	24.28	0.26792	2	20.77	0.119	Inf	20.77
1880MHz_QPSK_RB 1,#RB 5,NB 0	Pass	3.51	24.10	0.25704	2	20.59	0.115	Inf	20.59
1880MHz_QPSK_RB 1,#RB 5,NB 1	Pass	3.51	24.08	0.25586	2	20.57	0.114	Inf	20.57
1880MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	23.03	0.20091	2	19.52	0.090	Inf	19.52
1880MHz_QPSK_RB 3,#RB 3,NB 1	Pass	3.51	23.00	0.19953	2	19.49	0.089	Inf	19.49
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	21.95	0.15668	2	18.44	0.070	Inf	18.44
1880MHz_QPSK_RB 6,#RB 0,NB 1	Pass	3.51	21.93	0.15596	2	18.42	0.070	Inf	18.42
1908.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.48	0.28054	2	20.97	0.125	Inf	20.97

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1908.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	3.51	24.40	0.27542	2	20.89	0.123	Inf	20.89
1908.5MHz_QPSK_RB 1,#RB 5,NB 0	Pass	3.51	24.29	0.26853	2	20.78	0.120	Inf	20.78
1908.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	3.51	24.26	0.26669	2	20.75	0.119	Inf	20.75
1908.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	23.29	0.21330	2	19.78	0.095	Inf	19.78
1908.5MHz_QPSK_RB 3,#RB 3,NB 1	Pass	3.51	23.17	0.20749	2	19.66	0.092	Inf	19.66
1908.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.02	0.15922	2	18.51	0.071	Inf	18.51
1908.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	3.51	22.00	0.15849	2	18.49	0.071	Inf	18.49
1851.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	23.36	0.21677	2	19.85	0.097	Inf	19.85
1851.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	3.51	23.35	0.21627	2	19.84	0.096	Inf	19.84
1851.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	3.51	23.22	0.20989	2	19.71	0.094	Inf	19.71
1851.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	3.51	23.23	0.21038	2	19.72	0.094	Inf	19.72
1851.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	22.13	0.16331	2	18.62	0.073	Inf	18.62
1851.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	3.51	21.83	0.15241	2	18.32	0.068	Inf	18.32
1851.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	22.15	0.16406	2	18.64	0.073	Inf	18.64
1851.5MHz_16QAM_RB 5,#RB 0,NB 1	Pass	3.51	22.13	0.16331	2	18.62	0.073	Inf	18.62
1880MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	22.93	0.19634	2	19.42	0.087	Inf	19.42
1880MHz_16QAM_RB 1,#RB 0,NB 1	Pass	3.51	22.83	0.19187	2	19.32	0.086	Inf	19.32
1880MHz_16QAM_RB 1,#RB 5,NB 0	Pass	3.51	22.70	0.18621	2	19.19	0.083	Inf	19.19
1880MHz_16QAM_RB 1,#RB 5,NB 1	Pass	3.51	22.63	0.18323	2	19.12	0.082	Inf	19.12
1880MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	22.13	0.16331	2	18.62	0.073	Inf	18.62
1880MHz_16QAM_RB 3,#RB 3,NB 1	Pass	3.51	22.09	0.16181	2	18.58	0.072	Inf	18.58
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	22.15	0.16406	2	18.64	0.073	Inf	18.64
1880MHz_16QAM_RB 5,#RB 0,NB 1	Pass	3.51	22.17	0.16482	2	18.66	0.073	Inf	18.66
1908.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	23.22	0.20989	2	19.71	0.094	Inf	19.71
1908.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	3.51	23.10	0.20417	2	19.59	0.091	Inf	19.59
1908.5MHz_16QAM_RB 1,#RB 5,NB 0	Pass	3.51	22.83	0.19187	2	19.32	0.086	Inf	19.32
1908.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	3.51	22.76	0.18880	2	19.25	0.084	Inf	19.25
1908.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	22.40	0.17378	2	18.89	0.077	Inf	18.89
1908.5MHz_16QAM_RB 3,#RB 3,NB 1	Pass	3.51	22.25	0.16788	2	18.74	0.075	Inf	18.74
1908.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	22.33	0.17100	2	18.82	0.076	Inf	18.82
1908.5MHz_16QAM_RB 5,#RB 0,NB 1	Pass	3.51	22.32	0.17061	2	18.81	0.076	Inf	18.81
Band 2_LTE-M1_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1852.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.38	0.27416	2	20.87	0.122	Inf	20.87
1852.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	3.51	24.35	0.27227	2	20.84	0.121	Inf	20.84
1852.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	3.51	24.08	0.25586	2	20.57	0.114	Inf	20.57
1852.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	3.51	24.08	0.25586	2	20.57	0.114	Inf	20.57
1852.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1852.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	3.51	24.15	0.26002	2	20.64	0.116	Inf	20.64

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1852.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	23.06	0.20230	2	19.55	0.090	Inf	19.55
1852.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	3.51	23.12	0.20512	2	19.61	0.091	Inf	19.61
1880MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.15	0.26002	2	20.64	0.116	Inf	20.64
1880MHz_QPSK_RB 1,#RB 0,NB 1	Pass	3.51	24.09	0.25645	2	20.58	0.114	Inf	20.58
1880MHz_QPSK_RB 1,#RB 5,NB 1	Pass	3.51	23.92	0.24660	2	20.41	0.110	Inf	20.41
1880MHz_QPSK_RB 1,#RB 5,NB 3	Pass	3.51	23.92	0.24660	2	20.41	0.110	Inf	20.41
1880MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1880MHz_QPSK_RB 3,#RB 3,NB 3	Pass	3.51	23.99	0.25061	2	20.48	0.112	Inf	20.48
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.92	0.19588	2	19.41	0.087	Inf	19.41
1880MHz_QPSK_RB 6,#RB 0,NB 3	Pass	3.51	22.93	0.19634	2	19.42	0.087	Inf	19.42
1907.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.42	0.27669	2	20.91	0.123	Inf	20.91
1907.5MHz_QPSK_RB 1,#RB 0,NB 1	Pass	3.51	24.41	0.27606	2	20.90	0.123	Inf	20.9
1907.5MHz_QPSK_RB 1,#RB 5,NB 1	Pass	3.51	24.40	0.27542	2	20.89	0.123	Inf	20.89
1907.5MHz_QPSK_RB 1,#RB 5,NB 3	Pass	3.51	24.36	0.27290	2	20.85	0.122	Inf	20.85
1907.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.28	0.26792	2	20.77	0.119	Inf	20.77
1907.5MHz_QPSK_RB 3,#RB 3,NB 3	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1907.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	23.06	0.20230	2	19.55	0.090	Inf	19.55
1907.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	3.51	23.02	0.20045	2	19.51	0.089	Inf	19.51
1852.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.30	0.26915	2	20.79	0.120	Inf	20.79
1852.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1852.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	3.51	24.07	0.25527	2	20.56	0.114	Inf	20.56
1852.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	3.51	24.06	0.25468	2	20.55	0.114	Inf	20.55
1852.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.22	0.26424	2	20.71	0.118	Inf	20.71
1852.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1852.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	23.42	0.21979	2	19.91	0.098	Inf	19.91
1852.5MHz_16QAM_RB 5,#RB 0,NB 3	Pass	3.51	23.42	0.21979	2	19.91	0.098	Inf	19.91
1880MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.15	0.26002	2	20.64	0.116	Inf	20.64
1880MHz_16QAM_RB 1,#RB 0,NB 1	Pass	3.51	24.11	0.25763	2	20.60	0.115	Inf	20.6
1880MHz_16QAM_RB 1,#RB 5,NB 1	Pass	3.51	23.86	0.24322	2	20.35	0.108	Inf	20.35
1880MHz_16QAM_RB 1,#RB 5,NB 3	Pass	3.51	23.92	0.24660	2	20.41	0.110	Inf	20.41
1880MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.12	0.25823	2	20.61	0.115	Inf	20.61
1880MHz_16QAM_RB 3,#RB 3,NB 3	Pass	3.51	23.97	0.24946	2	20.46	0.111	Inf	20.46
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	22.90	0.19498	2	19.39	0.087	Inf	19.39
1880MHz_16QAM_RB 5,#RB 0,NB 3	Pass	3.51	23.04	0.20137	2	19.53	0.090	Inf	19.53
1907.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1907.5MHz_16QAM_RB 1,#RB 0,NB 1	Pass	3.51	23.95	0.24831	2	20.44	0.111	Inf	20.44
1907.5MHz_16QAM_RB 1,#RB 5,NB 1	Pass	3.51	23.75	0.23714	2	20.24	0.106	Inf	20.24
1907.5MHz_16QAM_RB 1,#RB 5,NB 3	Pass	3.51	23.74	0.23659	2	20.23	0.105	Inf	20.23

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1907.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.03	0.25293	2	20.52	0.113	Inf	20.52
1907.5MHz_16QAM_RB 3,#RB 3,NB 3	Pass	3.51	23.97	0.24946	2	20.46	0.111	Inf	20.46
1907.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	23.07	0.20277	2	19.56	0.090	Inf	19.56
1907.5MHz_16QAM_RB 5,#RB 0,NB 3	Pass	3.51	23.04	0.20137	2	19.53	0.090	Inf	19.53
Band 2_LTE-M1_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1855MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.36	0.27290	2	20.85	0.122	Inf	20.85
1855MHz_QPSK_RB 1,#RB 0,NB 3	Pass	3.51	24.28	0.26792	2	20.77	0.119	Inf	20.77
1855MHz_QPSK_RB 1,#RB 5,NB 3	Pass	3.51	24.10	0.25704	2	20.59	0.115	Inf	20.59
1855MHz_QPSK_RB 1,#RB 5,NB 7	Pass	3.51	24.07	0.25527	2	20.56	0.114	Inf	20.56
1855MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.32	0.27040	2	20.81	0.121	Inf	20.81
1855MHz_QPSK_RB 3,#RB 3,NB 7	Pass	3.51	24.12	0.25823	2	20.61	0.115	Inf	20.61
1855MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	23.12	0.20512	2	19.61	0.091	Inf	19.61
1855MHz_QPSK_RB 6,#RB 0,NB 7	Pass	3.51	23.13	0.20559	2	19.62	0.092	Inf	19.62
1880MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.16	0.26062	2	20.65	0.116	Inf	20.65
1880MHz_QPSK_RB 1,#RB 0,NB 3	Pass	3.51	24.15	0.26002	2	20.64	0.116	Inf	20.64
1880MHz_QPSK_RB 1,#RB 5,NB 3	Pass	3.51	23.95	0.24831	2	20.44	0.111	Inf	20.44
1880MHz_QPSK_RB 1,#RB 5,NB 7	Pass	3.51	23.90	0.24547	2	20.39	0.109	Inf	20.39
1880MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.15	0.26002	2	20.64	0.116	Inf	20.64
1880MHz_QPSK_RB 3,#RB 3,NB 7	Pass	3.51	23.99	0.25061	2	20.48	0.112	Inf	20.48
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	22.92	0.19588	2	19.41	0.087	Inf	19.41
1880MHz_QPSK_RB 6,#RB 0,NB 7	Pass	3.51	22.97	0.19815	2	19.46	0.088	Inf	19.46
1905MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.66	0.29242	2	21.15	0.130	Inf	21.15
1905MHz_QPSK_RB 1,#RB 0,NB 3	Pass	3.51	24.63	0.29040	2	21.12	0.129	Inf	21.12
1905MHz_QPSK_RB 1,#RB 5,NB 3	Pass	3.51	24.42	0.27669	2	20.91	0.123	Inf	20.91
1905MHz_QPSK_RB 1,#RB 5,NB 7	Pass	3.51	24.40	0.27542	2	20.89	0.123	Inf	20.89
1905MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.27	0.26730	2	20.76	0.119	Inf	20.76
1905MHz_QPSK_RB 3,#RB 3,NB 7	Pass	3.51	24.19	0.26242	2	20.68	0.117	Inf	20.68
1905MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	23.04	0.20137	2	19.53	0.090	Inf	19.53
1905MHz_QPSK_RB 6,#RB 0,NB 7	Pass	3.51	23.14	0.20606	2	19.63	0.092	Inf	19.63
1855MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.29	0.26853	2	20.78	0.120	Inf	20.78
1855MHz_16QAM_RB 1,#RB 0,NB 3	Pass	3.51	24.25	0.26607	2	20.74	0.119	Inf	20.74
1855MHz_16QAM_RB 1,#RB 5,NB 3	Pass	3.51	24.05	0.25410	2	20.54	0.113	Inf	20.54
1855MHz_16QAM_RB 1,#RB 5,NB 7	Pass	3.51	23.97	0.24946	2	20.46	0.111	Inf	20.46
1855MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.24	0.26546	2	20.73	0.118	Inf	20.73
1855MHz_16QAM_RB 3,#RB 3,NB 7	Pass	3.51	24.14	0.25942	2	20.63	0.116	Inf	20.63
1855MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	24.22	0.26424	2	20.71	0.118	Inf	20.71
1855MHz_16QAM_RB 5,#RB 0,NB 7	Pass	3.51	24.21	0.26363	2	20.70	0.117	Inf	20.7
1880MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1880MHz_16QAM_RB 1,#RB 0,NB 3	Pass	3.51	24.11	0.25763	2	20.60	0.115	Inf	20.6
1880MHz_16QAM_RB 1,#RB 5,NB 3	Pass	3.51	23.88	0.24434	2	20.37	0.109	Inf	20.37
1880MHz_16QAM_RB 1,#RB 5,NB 7	Pass	3.51	23.90	0.24547	2	20.39	0.109	Inf	20.39
1880MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.05	0.25410	2	20.54	0.113	Inf	20.54
1880MHz_16QAM_RB 3,#RB 3,NB 7	Pass	3.51	23.92	0.24660	2	20.41	0.110	Inf	20.41
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	24.12	0.25823	2	20.61	0.115	Inf	20.61
1880MHz_16QAM_RB 5,#RB 0,NB 7	Pass	3.51	24.08	0.25586	2	20.57	0.114	Inf	20.57
1905MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.03	0.25293	2	20.52	0.113	Inf	20.52
1905MHz_16QAM_RB 1,#RB 0,NB 3	Pass	3.51	23.97	0.24946	2	20.46	0.111	Inf	20.46
1905MHz_16QAM_RB 1,#RB 5,NB 3	Pass	3.51	23.77	0.23823	2	20.26	0.106	Inf	20.26
1905MHz_16QAM_RB 1,#RB 5,NB 7	Pass	3.51	23.69	0.23388	2	20.18	0.104	Inf	20.18
1905MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	23.96	0.24889	2	20.45	0.111	Inf	20.45
1905MHz_16QAM_RB 3,#RB 3,NB 7	Pass	3.51	23.95	0.24831	2	20.44	0.111	Inf	20.44
1905MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	23.87	0.24378	2	20.36	0.109	Inf	20.36
1905MHz_16QAM_RB 5,#RB 0,NB 7	Pass	3.51	23.92	0.24660	2	20.41	0.110	Inf	20.41
Band 2_LTE-M1_15MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1857.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.39	0.27479	2	20.88	0.122	Inf	20.88
1857.5MHz_QPSK_RB 1,#RB 0,NB 5	Pass	3.51	24.37	0.27353	2	20.86	0.122	Inf	20.86
1857.5MHz_QPSK_RB 1,#RB 5,NB 5	Pass	3.51	24.16	0.26062	2	20.65	0.116	Inf	20.65
1857.5MHz_QPSK_RB 1,#RB 5,NB 11	Pass	3.51	24.02	0.25235	2	20.51	0.112	Inf	20.51
1857.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.37	0.27353	2	20.86	0.122	Inf	20.86
1857.5MHz_QPSK_RB 3,#RB 3,NB 11	Pass	3.51	24.09	0.25645	2	20.58	0.114	Inf	20.58
1857.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	24.29	0.26853	2	20.78	0.120	Inf	20.78
1857.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	3.51	24.28	0.26792	2	20.77	0.119	Inf	20.77
1880MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.31	0.26977	2	20.80	0.120	Inf	20.8
1880MHz_QPSK_RB 1,#RB 0,NB 5	Pass	3.51	24.27	0.26730	2	20.76	0.119	Inf	20.76
1880MHz_QPSK_RB 1,#RB 5,NB 5	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1880MHz_QPSK_RB 1,#RB 5,NB 11	Pass	3.51	24.17	0.26122	2	20.66	0.116	Inf	20.66
1880MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.26	0.26669	2	20.75	0.119	Inf	20.75
1880MHz_QPSK_RB 3,#RB 3,NB 11	Pass	3.51	24.07	0.25527	2	20.56	0.114	Inf	20.56
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	24.20	0.26303	2	20.69	0.117	Inf	20.69
1880MHz_QPSK_RB 6,#RB 0,NB 11	Pass	3.51	24.16	0.26062	2	20.65	0.116	Inf	20.65
1902.5MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.50	0.28184	2	20.99	0.126	Inf	20.99
1902.5MHz_QPSK_RB 1,#RB 0,NB 5	Pass	3.51	24.43	0.27733	2	20.92	0.124	Inf	20.92
1902.5MHz_QPSK_RB 1,#RB 5,NB 5	Pass	3.51	24.37	0.27353	2	20.86	0.122	Inf	20.86
1902.5MHz_QPSK_RB 1,#RB 5,NB 11	Pass	3.51	24.42	0.27669	2	20.91	0.123	Inf	20.91
1902.5MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.42	0.27669	2	20.91	0.123	Inf	20.91
1902.5MHz_QPSK_RB 3,#RB 3,NB 11	Pass	3.51	24.20	0.26303	2	20.69	0.117	Inf	20.69

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 6,#RB 0,NB 0	Pass	3.51	24.29	0.26853	2	20.78	0.120	Inf	20.78
1902.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	3.51	24.32	0.27040	2	20.81	0.121	Inf	20.81
1857.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.36	0.27290	2	20.85	0.122	Inf	20.85
1857.5MHz_16QAM_RB 1,#RB 0,NB 5	Pass	3.51	24.33	0.27102	2	20.82	0.121	Inf	20.82
1857.5MHz_16QAM_RB 1,#RB 5,NB 5	Pass	3.51	24.04	0.25351	2	20.53	0.113	Inf	20.53
1857.5MHz_16QAM_RB 1,#RB 5,NB 11	Pass	3.51	24.03	0.25293	2	20.52	0.113	Inf	20.52
1857.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.35	0.27227	2	20.84	0.121	Inf	20.84
1857.5MHz_16QAM_RB 3,#RB 3,NB 11	Pass	3.51	24.15	0.26002	2	20.64	0.116	Inf	20.64
1857.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	24.19	0.26242	2	20.68	0.117	Inf	20.68
1857.5MHz_16QAM_RB 5,#RB 0,NB 11	Pass	3.51	24.16	0.26062	2	20.65	0.116	Inf	20.65
1880MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.07	0.25527	2	20.56	0.114	Inf	20.56
1880MHz_16QAM_RB 1,#RB 0,NB 5	Pass	3.51	24.02	0.25235	2	20.51	0.112	Inf	20.51
1880MHz_16QAM_RB 1,#RB 5,NB 5	Pass	3.51	23.62	0.23014	2	20.11	0.103	Inf	20.11
1880MHz_16QAM_RB 1,#RB 5,NB 11	Pass	3.51	23.63	0.23067	2	20.12	0.103	Inf	20.12
1880MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.01	0.25177	2	20.50	0.112	Inf	20.5
1880MHz_16QAM_RB 3,#RB 3,NB 11	Pass	3.51	23.92	0.24660	2	20.41	0.110	Inf	20.41
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	23.87	0.24378	2	20.36	0.109	Inf	20.36
1880MHz_16QAM_RB 5,#RB 0,NB 11	Pass	3.51	23.84	0.24210	2	20.33	0.108	Inf	20.33
1902.5MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.05	0.25410	2	20.54	0.113	Inf	20.54
1902.5MHz_16QAM_RB 1,#RB 0,NB 5	Pass	3.51	24.02	0.25235	2	20.51	0.112	Inf	20.51
1902.5MHz_16QAM_RB 1,#RB 5,NB 5	Pass	3.51	23.74	0.23659	2	20.23	0.105	Inf	20.23
1902.5MHz_16QAM_RB 1,#RB 5,NB 11	Pass	3.51	23.75	0.23714	2	20.24	0.106	Inf	20.24
1902.5MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.05	0.25410	2	20.54	0.113	Inf	20.54
1902.5MHz_16QAM_RB 3,#RB 3,NB 11	Pass	3.51	23.94	0.24774	2	20.43	0.110	Inf	20.43
1902.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	24.03	0.25293	2	20.52	0.113	Inf	20.52
1902.5MHz_16QAM_RB 5,#RB 0,NB 11	Pass	3.51	24.01	0.25177	2	20.50	0.112	Inf	20.5
Band 2_LTE-M1_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1860MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.37	0.27353	2	20.86	0.122	Inf	20.86
1860MHz_QPSK_RB 1,#RB 0,NB 7	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1860MHz_QPSK_RB 1,#RB 5,NB 7	Pass	3.51	24.04	0.25351	2	20.53	0.113	Inf	20.53
1860MHz_QPSK_RB 1,#RB 5,NB 15	Pass	3.51	24.00	0.25119	2	20.49	0.112	Inf	20.49
1860MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.37	0.27353	2	20.86	0.122	Inf	20.86
1860MHz_QPSK_RB 3,#RB 3,NB 15	Pass	3.51	24.16	0.26062	2	20.65	0.116	Inf	20.65
1860MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	24.32	0.27040	2	20.81	0.121	Inf	20.81
1860MHz_QPSK_RB 6,#RB 0,NB 15	Pass	3.51	24.30	0.26915	2	20.79	0.120	Inf	20.79
1880MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.40	0.27542	2	20.89	0.123	Inf	20.89
1880MHz_QPSK_RB 1,#RB 0,NB 7	Pass	3.51	24.38	0.27416	2	20.87	0.122	Inf	20.87
1880MHz_QPSK_RB 1,#RB 5,NB 7	Pass	3.51	24.16	0.26062	2	20.65	0.116	Inf	20.65

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
1880MHz_QPSK_RB 1,#RB 5,NB 15	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1880MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.32	0.27040	2	20.81	0.121	Inf	20.81
1880MHz_QPSK_RB 3,#RB 3,NB 15	Pass	3.51	24.06	0.25468	2	20.55	0.114	Inf	20.55
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	24.20	0.26303	2	20.69	0.117	Inf	20.69
1880MHz_QPSK_RB 6,#RB 0,NB 15	Pass	3.51	24.22	0.26424	2	20.71	0.118	Inf	20.71
1900MHz_QPSK_RB 1,#RB 0,NB 0	Pass	3.51	24.56	0.28576	2	21.05	0.127	Inf	21.05
1900MHz_QPSK_RB 1,#RB 0,NB 7	Pass	3.51	24.35	0.27227	2	20.84	0.121	Inf	20.84
1900MHz_QPSK_RB 1,#RB 5,NB 7	Pass	3.51	24.35	0.27227	2	20.84	0.121	Inf	20.84
1900MHz_QPSK_RB 1,#RB 5,NB 15	Pass	3.51	24.40	0.27542	2	20.89	0.123	Inf	20.89
1900MHz_QPSK_RB 3,#RB 0,NB 0	Pass	3.51	24.23	0.26485	2	20.72	0.118	Inf	20.72
1900MHz_QPSK_RB 3,#RB 3,NB 15	Pass	3.51	24.10	0.25704	2	20.59	0.115	Inf	20.59
1900MHz_QPSK_RB 6,#RB 0,NB 0	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1900MHz_QPSK_RB 6,#RB 0,NB 15	Pass	3.51	24.28	0.26792	2	20.77	0.119	Inf	20.77
1860MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.32	0.27040	2	20.81	0.121	Inf	20.81
1860MHz_16QAM_RB 1,#RB 0,NB 7	Pass	3.51	24.22	0.26424	2	20.71	0.118	Inf	20.71
1860MHz_16QAM_RB 1,#RB 5,NB 7	Pass	3.51	24.02	0.25235	2	20.51	0.112	Inf	20.51
1860MHz_16QAM_RB 1,#RB 5,NB 15	Pass	3.51	24.03	0.25293	2	20.52	0.113	Inf	20.52
1860MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.30	0.26915	2	20.79	0.120	Inf	20.79
1860MHz_16QAM_RB 3,#RB 3,NB 15	Pass	3.51	24.13	0.25882	2	20.62	0.115	Inf	20.62
1860MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	24.26	0.26669	2	20.75	0.119	Inf	20.75
1860MHz_16QAM_RB 5,#RB 0,NB 15	Pass	3.51	24.21	0.26363	2	20.70	0.117	Inf	20.7
1880MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.09	0.25645	2	20.58	0.114	Inf	20.58
1880MHz_16QAM_RB 1,#RB 0,NB 7	Pass	3.51	24.04	0.25351	2	20.53	0.113	Inf	20.53
1880MHz_16QAM_RB 1,#RB 5,NB 7	Pass	3.51	23.57	0.22751	2	20.06	0.101	Inf	20.06
1880MHz_16QAM_RB 1,#RB 5,NB 15	Pass	3.51	23.64	0.23121	2	20.13	0.103	Inf	20.13
1880MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.07	0.25527	2	20.56	0.114	Inf	20.56
1880MHz_16QAM_RB 3,#RB 3,NB 15	Pass	3.51	23.88	0.24434	2	20.37	0.109	Inf	20.37
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	23.99	0.25061	2	20.48	0.112	Inf	20.48
1880MHz_16QAM_RB 5,#RB 0,NB 15	Pass	3.51	23.97	0.24946	2	20.46	0.111	Inf	20.46
1900MHz_16QAM_RB 1,#RB 0,NB 0	Pass	3.51	24.11	0.25763	2	20.60	0.115	Inf	20.6
1900MHz_16QAM_RB 1,#RB 0,NB 7	Pass	3.51	24.06	0.25468	2	20.55	0.114	Inf	20.55
1900MHz_16QAM_RB 1,#RB 5,NB 7	Pass	3.51	23.72	0.23550	2	20.21	0.105	Inf	20.21
1900MHz_16QAM_RB 1,#RB 5,NB 15	Pass	3.51	23.79	0.23933	2	20.28	0.107	Inf	20.28
1900MHz_16QAM_RB 3,#RB 0,NB 0	Pass	3.51	24.02	0.25235	2	20.51	0.112	Inf	20.51
1900MHz_16QAM_RB 3,#RB 3,NB 15	Pass	3.51	23.94	0.24774	2	20.43	0.110	Inf	20.43
1900MHz_16QAM_RB 5,#RB 0,NB 0	Pass	3.51	23.83	0.24155	2	20.32	0.108	Inf	20.32
1900MHz_16QAM_RB 5,#RB 0,NB 15	Pass	3.51	23.82	0.24099	2	20.31	0.107	Inf	20.31

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

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

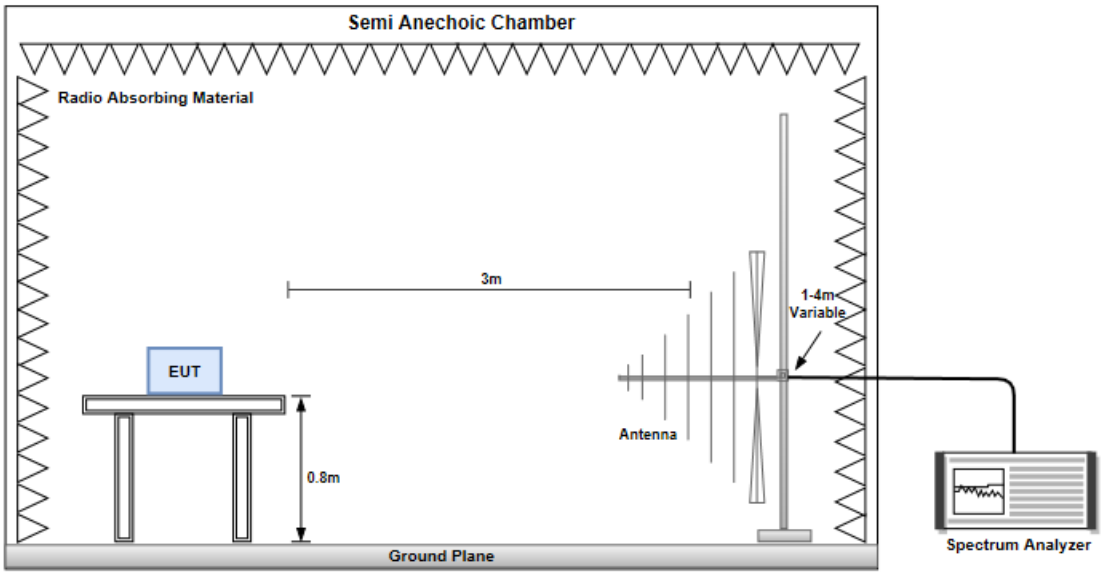
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.2.2 Test Procedures

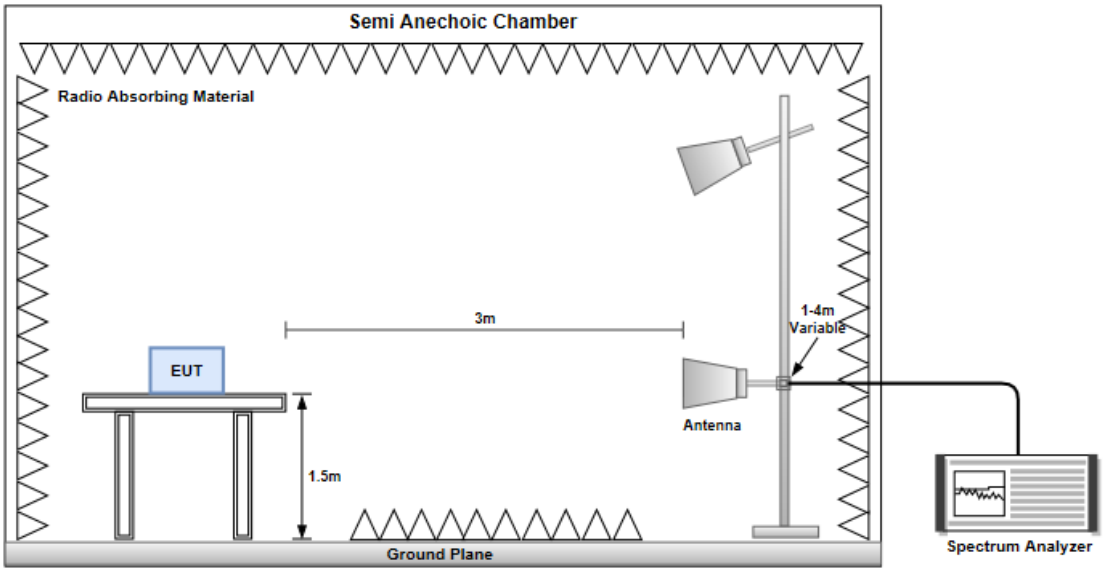
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.2.4 Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 2, QPSK, CB:1.4 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
46.49	H	-68.67	-13.00	-55.67	-74.49	-52.00	-16.67
90.14	H	-62.00	-13.00	-49.00	-59.93	-57.09	-4.91
101.78	H	-68.32	-13.00	-55.32	-66.49	-63.21	-5.11
120.21	H	-75.16	-13.00	-62.16	-72.27	-69.09	-6.07
354.95	H	-73.27	-13.00	-60.27	-75.25	-72.17	-1.10
482.99	H	-71.25	-13.00	-58.25	-74.68	-69.97	-1.28
55.22	V	-69.87	-13.00	-56.87	-67.40	-54.94	-14.93
90.14	V	-66.07	-13.00	-53.07	-63.75	-61.16	-4.91
286.08	V	-73.63	-13.00	-60.63	-75.46	-72.36	-1.27
451.95	V	-71.11	-13.00	-58.11	-74.75	-69.79	-1.32
468.44	V	-69.94	-13.00	-56.94	-73.93	-68.64	-1.30
549.92	V	-68.58	-13.00	-55.58	-75.47	-67.29	-1.29

Mode	LTE Band 2, QPSK, CB:3 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
46.58	H	-68.52	-13.00	-55.52	-74.31	-51.86	-16.66
90.25	H	-62.14	-13.00	-49.14	-60.06	-57.23	-4.91
101.86	H	-68.14	-13.00	-55.14	-66.30	-63.02	-5.12
120.35	H	-75.44	-13.00	-62.44	-72.57	-69.37	-6.07
354.86	H	-73.15	-13.00	-60.15	-75.13	-72.05	-1.10
482.86	H	-71.04	-13.00	-58.04	-74.47	-69.76	-1.28
55.43	V	-69.51	-13.00	-56.51	-67.04	-54.62	-14.89
90.28	V	-66.31	-13.00	-53.31	-63.97	-61.40	-4.91
286.14	V	-73.55	-13.00	-60.55	-75.38	-72.28	-1.27
451.88	V	-71.29	-13.00	-58.29	-74.93	-69.97	-1.32
468.31	V	-69.84	-13.00	-56.84	-73.83	-68.54	-1.30
549.52	V	-68.12	-13.00	-55.12	-74.99	-66.83	-1.29

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

Mode	LTE Band 2, QPSK, CB:5 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
46.68	H	-68.24	-13.00	-55.24	-73.99	-51.60	-16.64
90.49	H	-62.44	-13.00	-49.44	-60.38	-57.53	-4.91
101.28	H	-68.59	-13.00	-55.59	-66.79	-63.50	-5.09
120.56	H	-75.59	-13.00	-62.59	-72.74	-69.51	-6.08
354.69	H	-72.86	-13.00	-59.86	-74.84	-71.76	-1.10
483.21	H	-71.52	-13.00	-58.52	-74.95	-70.24	-1.28
55.84	V	-69.31	-13.00	-56.31	-66.84	-54.51	-14.80
90.56	V	-66.48	-13.00	-53.48	-64.14	-61.56	-4.92
285.91	V	-73.22	-13.00	-60.22	-75.05	-71.95	-1.27
452.35	V	-70.84	-13.00	-57.84	-74.49	-69.52	-1.32
468.46	V	-69.51	-13.00	-56.51	-73.51	-68.21	-1.30
549.85	V	-68.52	-13.00	-55.52	-75.40	-67.23	-1.29

Mode	LTE Band 2, QPSK, CB:10 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
46.93	H	-68.95	-13.00	-55.95	-74.61	-52.35	-16.60
90.62	H	-62.54	-13.00	-49.54	-60.49	-57.62	-4.92
101.55	H	-68.88	-13.00	-55.88	-67.06	-63.78	-5.10
120.21	H	-74.93	-13.00	-61.93	-72.04	-68.86	-6.07
354.51	H	-73.69	-13.00	-60.69	-75.67	-72.59	-1.10
482.81	H	-70.92	-13.00	-57.92	-74.35	-69.64	-1.28
54.93	V	-69.24	-13.00	-56.24	-66.77	-54.24	-15.00
90.86	V	-65.52	-13.00	-52.52	-63.17	-60.60	-4.92
286.65	V	-73.12	-13.00	-60.12	-74.95	-71.85	-1.27
452.56	V	-70.68	-13.00	-57.68	-74.33	-69.36	-1.32
468.29	V	-69.75	-13.00	-56.75	-73.74	-68.45	-1.30
550.14	V	-68.92	-13.00	-55.92	-75.80	-67.63	-1.29

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

Mode	LTE Band 2, QPSK, CB:15 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
46.78	H	-68.54	-13.00	-55.54	-74.26	-51.91	-16.63
90.18	H	-61.65	-13.00	-48.65	-59.58	-56.74	-4.91
101.75	H	-68.04	-13.00	-55.04	-66.21	-62.93	-5.11
120.15	H	-75.61	-13.00	-62.61	-72.72	-69.54	-6.07
354.95	H	-73.66	-13.00	-60.66	-75.64	-72.56	-1.10
482.94	H	-71.52	-13.00	-58.52	-74.95	-70.24	-1.28
54.86	V	-69.16	-13.00	-56.16	-66.69	-54.15	-15.01
90.27	V	-66.84	-13.00	-53.84	-64.50	-61.93	-4.91
286.13	V	-73.25	-13.00	-60.25	-75.08	-71.98	-1.27
451.88	V	-71.26	-13.00	-58.26	-74.90	-69.94	-1.32
468.46	V	-69.85	-13.00	-56.85	-73.85	-68.55	-1.30
549.77	V	-68.21	-13.00	-55.21	-75.09	-66.92	-1.29

Mode	LTE Band 2, QPSK, CB:15 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
46.21	H	-68.55	-13.00	-55.55	-74.47	-51.83	-16.72
90.86	H	-62.98	-13.00	-49.98	-60.94	-58.06	-4.92
101.84	H	-68.02	-13.00	-55.02	-66.18	-62.90	-5.12
120.38	H	-75.44	-13.00	-62.44	-72.57	-69.37	-6.07
355.68	H	-72.58	-13.00	-59.58	-74.57	-71.47	-1.11
483.56	H	-70.45	-13.00	-57.45	-73.89	-69.17	-1.28
55.64	V	-69.45	-13.00	-56.45	-66.98	-54.61	-14.84
90.38	V	-66.57	-13.00	-53.57	-64.23	-61.66	-4.91
286.08	V	-73.49	-13.00	-60.49	-75.32	-72.22	-1.27
451.93	V	-71.86	-13.00	-58.86	-75.50	-70.54	-1.32
468.55	V	-70.21	-13.00	-57.21	-74.21	-68.91	-1.30
549.25	V	-68.33	-13.00	-55.33	-75.19	-67.04	-1.29

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

3.2.5 Test Result of Radiated Emissions above 1GHz

Mode	LTE Band 2, QPSK, CB:1.4 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3700.50	H	-41.07	-13.00	-28.07	-56.55	-48.35	7.28
5550.75	H	-47.61	-13.00	-34.61	-65.02	-54.09	6.48
7401.00	H	-43.58	-13.00	-30.58	-62.82	-48.38	4.80
3700.50	V	-43.38	-13.00	-30.38	-58.70	-50.66	7.28
5550.75	V	-47.92	-13.00	-34.92	-65.51	-54.40	6.48
7401.00	V	-43.38	-13.00	-30.38	-63.60	-48.18	4.80

Mode	LTE Band 2, QPSK, CB:1.4 MHz, RB Size: 1 RB start: 0, index: 0 ,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	-42.77	-13.00	-29.77	-57.06	-49.43	6.66
5640.00	H	-39.85	-13.00	-26.85	-56.47	-45.89	6.04
7520.00	H	-39.90	-13.00	-26.90	-58.86	-43.13	3.23
3760.00	V	-45.72	-13.00	-32.72	-59.99	-52.38	6.66
5640.00	V	-38.62	-13.00	-25.62	-55.66	-44.66	6.04
7520.00	V	-38.40	-13.00	-25.40	-57.56	-41.63	3.23

Mode	LTE Band 2, QPSK, CB:1.4 MHz, RB Size: 1 RB start: 0, index: 0 ,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	-44.33	-13.00	-31.33	-58.98	-51.00	6.67
5727.90	H	-38.63	-13.00	-25.63	-55.36	-44.60	5.97
7637.20	H	-40.83	-13.00	-27.83	-59.31	-43.87	3.04
3818.60	V	-44.78	-13.00	-31.78	-59.40	-51.45	6.67
5727.90	V	-38.29	-13.00	-25.29	-55.37	-44.26	5.97
7637.20	V	-40.85	-13.00	-27.85	-59.62	-43.89	3.04

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

Mode	LTE Band 2, QPSK, CB:3 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3701.02	H	-41.10	-13.00	-28.10	-56.58	-47.97	6.87
5551.53	H	-47.43	-13.00	-34.43	-64.84	-54.06	6.63
7402.04	H	-43.72	-13.00	-30.72	-62.96	-46.75	3.03
3701.02	V	-43.43	-13.00	-30.43	-58.75	-50.30	6.87
5551.53	V	-47.26	-13.00	-34.26	-64.86	-53.89	6.63
7402.04	V	-43.88	-13.00	-30.88	-63.63	-46.91	3.03

Mode	LTE Band 2, QPSK, CB:3 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3758.02	H	-37.60	-13.00	-24.60	-53.22	-44.51	6.91
5637.03	H	-46.93	-13.00	-33.93	-64.42	-53.49	6.56
7516.04	H	-43.66	-13.00	-30.66	-62.23	-46.79	3.13
3758.02	V	-41.48	-13.00	-28.48	-56.95	-48.39	6.91
5637.03	V	-47.07	-13.00	-34.07	-64.78	-53.63	6.56
7516.04	V	-43.72	-13.00	-30.72	-62.95	-46.85	3.13

Mode	LTE Band 2, QPSK, CB:3 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3815.02	H	-34.67	-13.00	-21.67	-50.30	-41.62	6.95
5722.53	H	-46.44	-13.00	-33.44	-63.74	-52.94	6.50
7630.04	H	-43.90	-13.00	-30.90	-62.23	-47.14	3.24
3815.02	V	-38.80	-13.00	-25.80	-54.30	-45.75	6.95
5722.53	V	-46.81	-13.00	-33.81	-64.35	-53.31	6.50
7630.04	V	-45.11	-13.00	-32.11	-64.20	-48.35	3.24

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

Mode	LTE Band 2, QPSK, CB:5 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3700.86	H	-41.15	-13.00	-28.15	-56.63	-48.02	6.87
5551.29	H	-47.78	-13.00	-34.78	-65.19	-54.41	6.63
7401.72	H	-43.70	-13.00	-30.70	-62.94	-46.73	3.03
3700.86	V	-42.88	-13.00	-29.88	-58.20	-49.75	6.87
5551.29	V	-47.60	-13.00	-34.60	-65.20	-54.23	6.63
7401.72	V	-43.50	-13.00	-30.50	-63.25	-46.53	3.03

Mode	LTE Band 2, QPSK, CB:5 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3755.86	H	-37.34	-13.00	-24.34	-52.96	-44.25	6.91
5633.79	H	-47.02	-13.00	-34.02	-64.52	-53.59	6.57
7511.72	H	-43.70	-13.00	-30.70	-62.30	-46.83	3.13
3755.86	V	-41.06	-13.00	-28.06	-56.52	-47.97	6.91
5633.79	V	-46.97	-13.00	-33.97	-64.69	-53.54	6.57
7511.72	V	-43.69	-13.00	-30.69	-62.95	-46.82	3.13

Mode	LTE Band 2, QPSK, CB:5 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3810.86	H	-34.70	-13.00	-21.70	-50.36	-41.65	6.95
5716.29	H	-46.10	-13.00	-33.10	-63.43	-52.61	6.51
7621.72	H	-43.58	-13.00	-30.58	-61.85	-46.81	3.23
3810.86	V	-38.80	-13.00	-25.80	-54.33	-45.75	6.95
5716.29	V	-46.67	-13.00	-33.67	-64.23	-53.18	6.51
7621.72	V	-46.22	-13.00	-33.22	-65.25	-49.45	3.23

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

Mode	LTE Band 2, QPSK, CB:10 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3701.54	H	-41.39	-13.00	-28.39	-56.87	-48.26	6.87
5552.31	H	-47.83	-13.00	-34.83	-65.25	-54.46	6.63
7403.08	H	-44.00	-13.00	-31.00	-63.23	-47.03	3.03
3701.54	V	-44.31	-13.00	-31.31	-59.63	-51.18	6.87
5552.31	V	-47.63	-13.00	-34.63	-65.23	-54.26	6.63
7403.08	V	-43.78	-13.00	-30.78	-63.53	-46.81	3.03

Mode	LTE Band 2, QPSK, CB:10 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3751.54	H	-38.02	-13.00	-25.02	-53.63	-44.93	6.91
5627.31	H	-47.12	-13.00	-34.12	-64.63	-53.69	6.57
7503.08	H	-43.99	-13.00	-30.99	-62.63	-47.11	3.12
3751.54	V	-42.18	-13.00	-29.18	-57.63	-49.09	6.91
5627.31	V	-47.22	-13.00	-34.22	-64.95	-53.79	6.57
7503.08	V	-43.94	-13.00	-30.94	-63.23	-47.06	3.12

Mode	LTE Band 2, QPSK, CB:10 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3801.54	H	-36.49	-13.00	-23.49	-52.21	-43.44	6.95
5702.31	H	-46.55	-13.00	-33.55	-63.90	-53.07	6.52
7603.08	H	-44.07	-13.00	-31.07	-62.20	-47.28	3.21
3801.54	V	-40.06	-13.00	-27.06	-55.63	-47.01	6.95
5702.31	V	-47.36	-13.00	-34.36	-64.95	-53.88	6.52
7603.08	V	-44.84	-13.00	-31.84	-63.75	-48.05	3.21

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

Mode	LTE Band 2, QPSK, CB:15 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3702.22	H	-41.37	-13.00	-28.37	-56.85	-48.24	6.87
5553.33	H	-47.73	-13.00	-34.73	-65.15	-54.36	6.63
7404.44	H	-43.67	-13.00	-30.67	-62.89	-46.70	3.03
3702.22	V	-44.33	-13.00	-31.33	-59.65	-51.23	6.90
5553.33	V	-48.14	-13.00	-35.14	-65.74	-54.72	6.58
7404.44	V	-44.02	-13.00	-31.02	-63.75	-47.13	3.11

Mode	LTE Band 2, QPSK, CB:15 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3747.22	H	-38.04	-13.00	-25.04	-53.63	-44.94	6.90
5620.83	H	-46.99	-13.00	-33.99	-64.51	-53.57	6.58
7494.44	H	-43.94	-13.00	-30.94	-62.63	-47.05	3.11
3747.22	V	-42.09	-13.00	-29.09	-57.52	-48.99	6.90
5620.83	V	-46.89	-13.00	-33.89	-64.63	-53.47	6.58
7494.44	V	-43.90	-13.00	-30.90	-63.23	-47.01	3.11

Mode	LTE Band 2, QPSK, CB:15 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3792.22	H	-36.14	-13.00	-23.14	-51.85	-43.08	6.94
5688.33	H	-46.82	-13.00	-33.82	-64.20	-53.35	6.53
7584.44	H	-43.81	-13.00	-30.81	-62.00	-47.01	3.20
3792.22	V	-44.00	-13.00	-31.00	-55.56	-50.94	6.94
5688.33	V	-47.09	-13.00	-34.09	-64.70	-53.62	6.53
7584.44	V	-44.30	-13.00	-31.30	-63.25	-47.50	3.20

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

Mode	LTE Band 2, QPSK, CB:20 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3702.90	H	-41.62	-13.00	-28.62	-57.11	-48.49	6.87
5554.35	H	-47.94	-13.00	-34.94	-65.36	-54.57	6.63
7405.80	H	-43.88	-13.00	-30.88	-63.09	-46.92	3.04
3702.90	V	-44.15	-13.00	-31.15	-59.47	-51.02	6.87
5554.35	V	-48.04	-13.00	-35.04	-65.65	-54.67	6.63
7405.80	V	-43.96	-13.00	-30.96	-63.69	-47.00	3.04

Mode	LTE Band 2, QPSK, CB:20 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3742.90	H	-37.92	-13.00	-24.92	-53.51	-44.82	6.90
5614.35	H	-46.95	-13.00	-33.95	-64.49	-53.53	6.58
7485.80	H	-43.59	-13.00	-30.59	-62.33	-46.70	3.11
3742.90	V	-41.85	-13.00	-28.85	-57.28	-48.75	6.90
5614.35	V	-46.98	-13.00	-33.98	-64.74	-53.56	6.58
7485.80	V	-43.68	-13.00	-30.68	-63.05	-46.79	3.11

Mode	LTE Band 2, QPSK, CB:20 MHz, RB Size: 1 RB start: 0, index: 0 ,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)
3782.90	H	-36.27	-13.00	-23.27	-51.95	-43.21	6.94
5674.35	H	-46.34	-13.00	-33.34	-63.75	-52.88	6.54
7565.80	H	-43.69	-13.00	-30.69	-61.98	-46.87	3.18
3782.90	V	-39.92	-13.00	-26.92	-55.45	-46.86	6.94
5674.35	V	-46.92	-13.00	-33.92	-64.56	-53.46	6.54
7565.80	V	-44.49	-13.00	-31.49	-63.52	-47.67	3.18

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 frequencyranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.3.2 Test Procedures

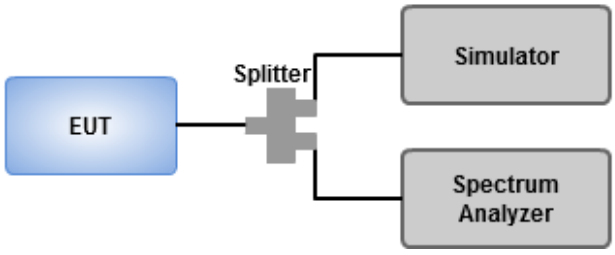
Out of band emission

1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30 MHz ~ 20 GHz.
3. Set RBW = 1 MHz, VBW = 3 MHz, detector = Peak, 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

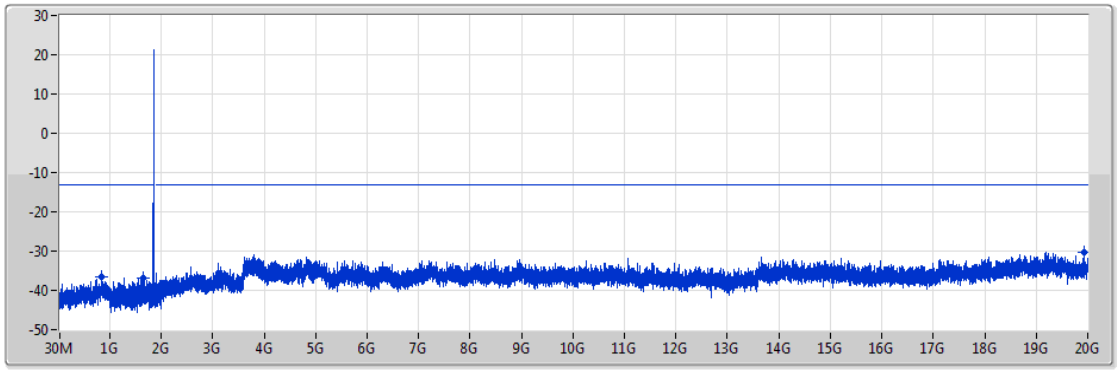
Out of band emission

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port	Remark	Ref.Limit (dB)
Band 2	-	-	-	-	-	-	-	-	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.22373G	-30.11	-13.00	-17.11	1	-	-
LTE-M1_1.4MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	3.78202G	-29.62	-13.00	-16.62	1	-	-
LTE-M1_3MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.43871G	-29.24	-13.00	-16.24	1	-	-
LTE-M1_3MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	18.47355G	-30.08	-13.00	-17.08	1	-	-
LTE-M1_5MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	18.7479G	-29.73	-13.00	-16.73	1	-	-
LTE-M1_5MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	18.75239G	-28.44	-13.00	-15.44	1	-	-
LTE-M1_10MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.22103G	-29.75	-13.00	-16.75	1	-	-
LTE-M1_10MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.284G	-29.13	-13.00	-16.13	1	-	-
LTE-M1_15MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	3.77932G	-29.94	-13.00	-16.94	1	-	-
LTE-M1_15MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	3.76582G	-29.76	-13.00	-16.76	1	-	-
LTE-M1_20MHz_Nss1,QPSK_1TX	Pass	2.01G	20G	1M	3M	Peak	19.26781G	-30.06	-13.00	-17.06	1	-	-
LTE-M1_20MHz_Nss1,16QAM_1TX	Pass	2.01G	20G	1M	3M	Peak	19.23183G	-28.58	-13.00	-15.58	1	-	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

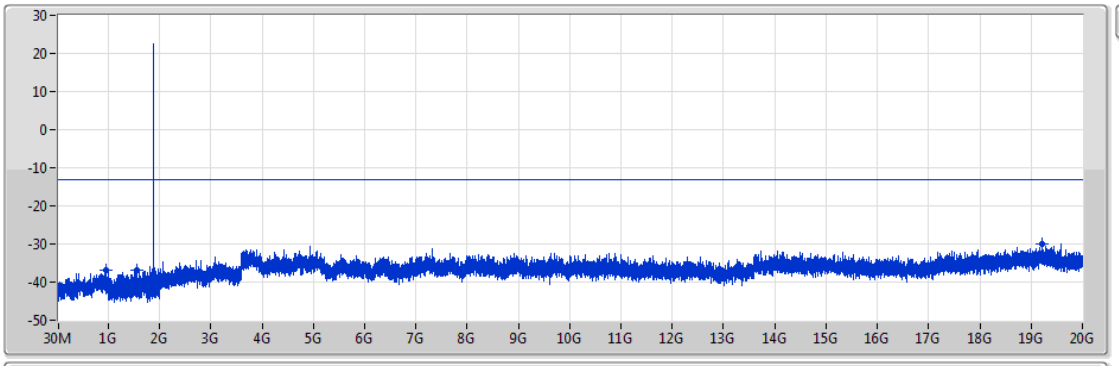
1850.7MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	844.8M	-36.68	-13.00	-23.68	1	-
1G	1.75G	1M	3M	Peak	1.63975G	-36.87	-13.00	-23.87	1	-
2.01G	20G	1M	3M	Peak	19.92174G	-30.17	-13.00	-17.17	1	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

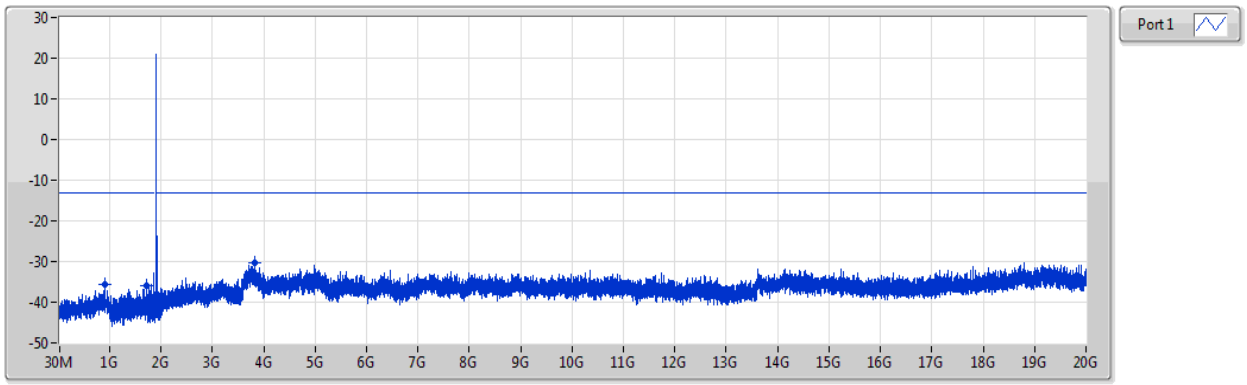
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	964.11M	-36.97	-13.00	-23.97	1	-
1G	1.75G	1M	3M	Peak	1.56738G	-36.95	-13.00	-23.95	1	-
2.01G	20G	1M	3M	Peak	19.22373G	-30.11	-13.00	-17.11	1	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

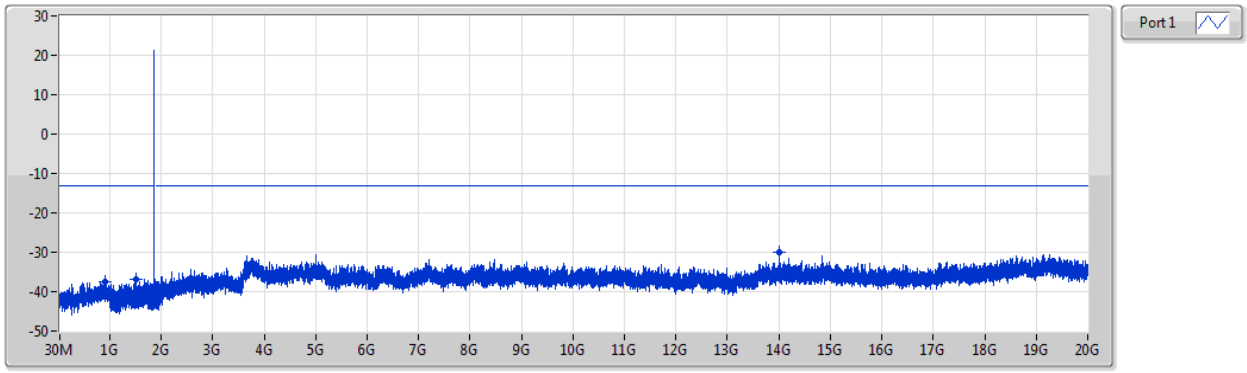
1909.3MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	901.06M	-35.73	-13.00	-22.73	1	-
1G	1.75G	1M	3M	Peak	1.72713G	-35.88	-13.00	-22.88	1	-
2.01G	20G	1M	3M	Peak	3.81889G	-30.39	-13.00	-17.39	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

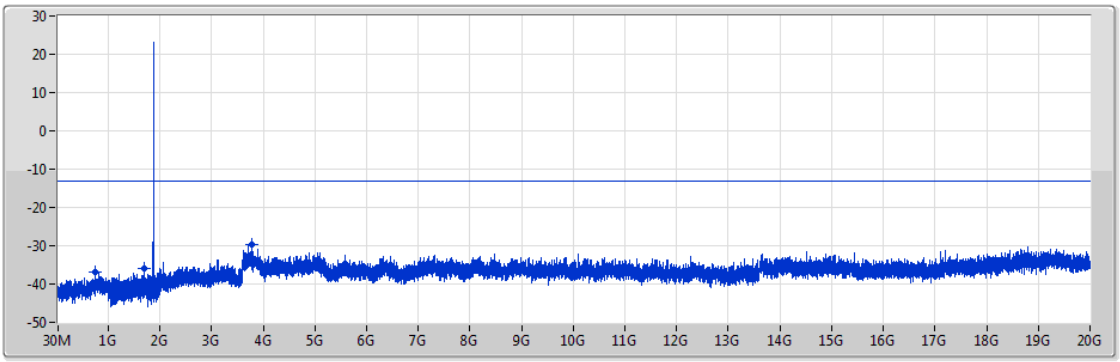
1850.7MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	915.61M	-37.46	-13.00	-24.46	1	-
1G	1.75G	1M	3M	Peak	1.52013G	-36.75	-13.00	-23.75	1	-
2.01G	20G	1M	3M	Peak	14.00303G	-30.13	-13.00	-17.13	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

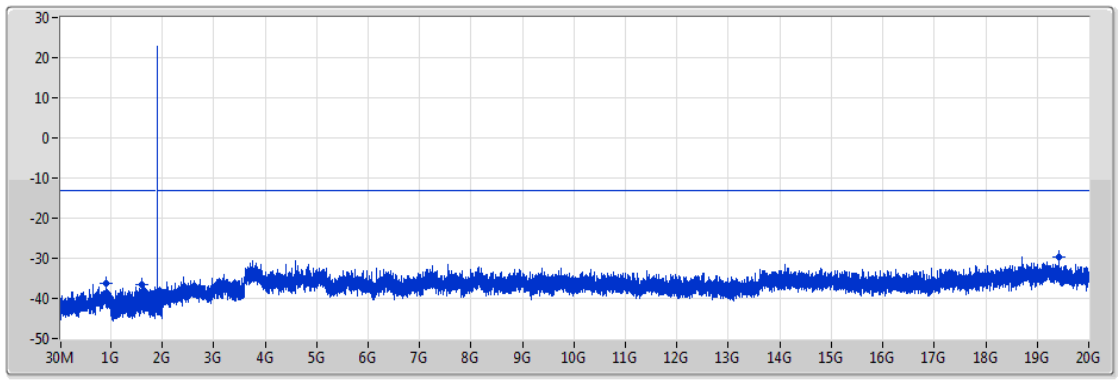
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	757.5M	-36.76	-13.00	-23.76	1	-
1G	1.75G	1M	3M	Peak	1.70088G	-36.03	-13.00	-23.03	1	-
2.01G	20G	1M	3M	Peak	3.78202G	-29.62	-13.00	-16.62	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

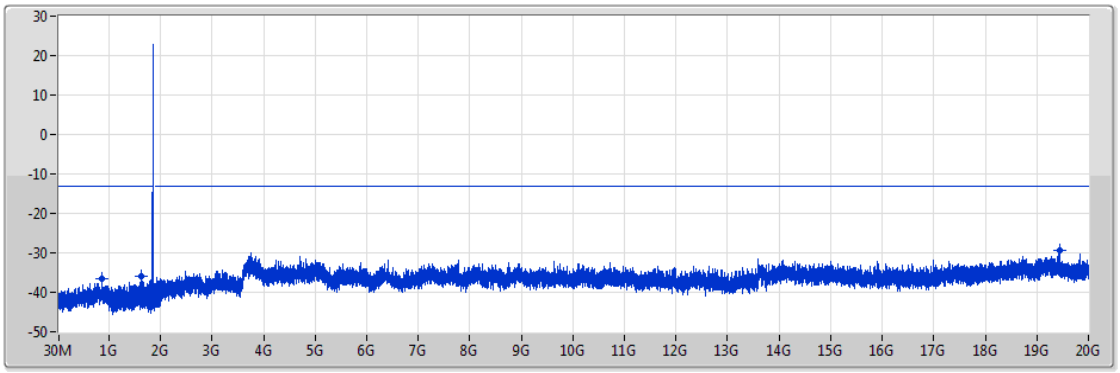
1909.3MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	912.7M	-36.32	-13.00	-23.32	1	-
1G	1.75G	1M	3M	Peak	1.59213G	-36.58	-13.00	-23.58	1	-
2.01G	20G	1M	3M	Peak	19.42252G	-29.77	-13.00	-16.77	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

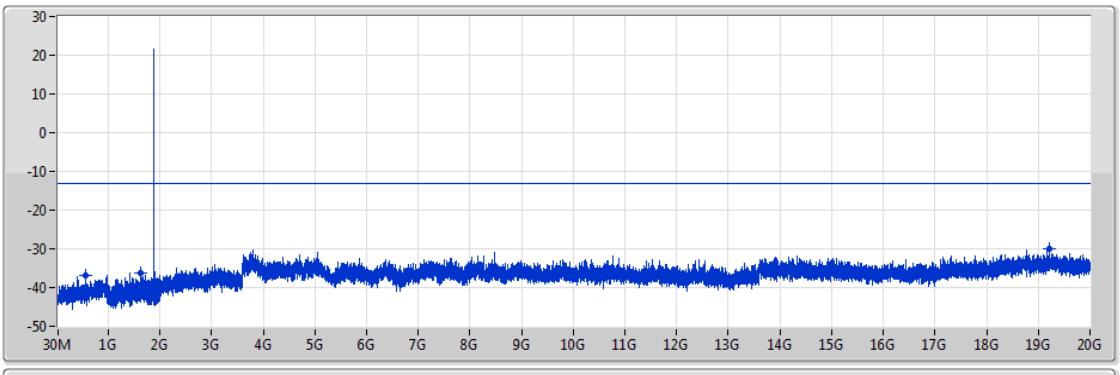
1851.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	859.35M	-36.53	-13.00	-23.53	1	-
1G	1.75G	1M	3M	Peak	1.62025G	-35.97	-13.00	-22.97	1	-
2.01G	20G	1M	3M	Peak	19.43871G	-29.24	-13.00	-16.24	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

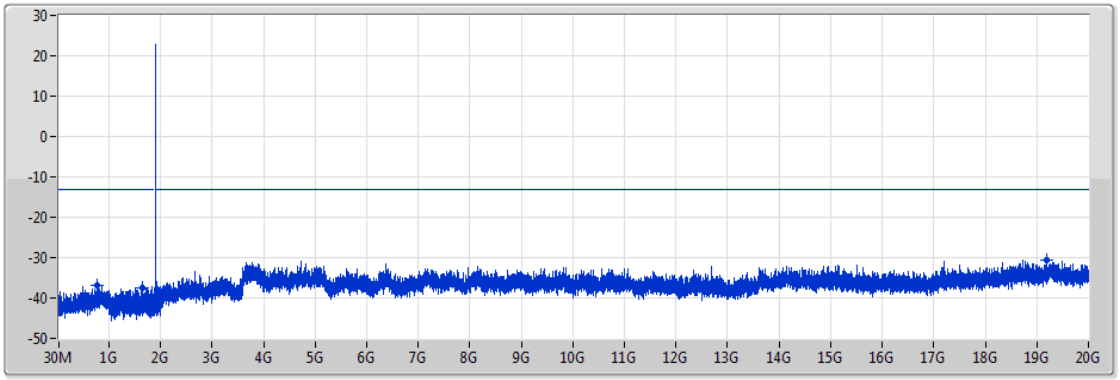
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	569.32M	-36.75	-13.00	-23.75	1	-
1G	1.75G	1M	3M	Peak	1.61875G	-36.20	-13.00	-23.20	1	-
2.01G	20G	1M	3M	Peak	19.22013G	-30.00	-13.00	-17.00	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

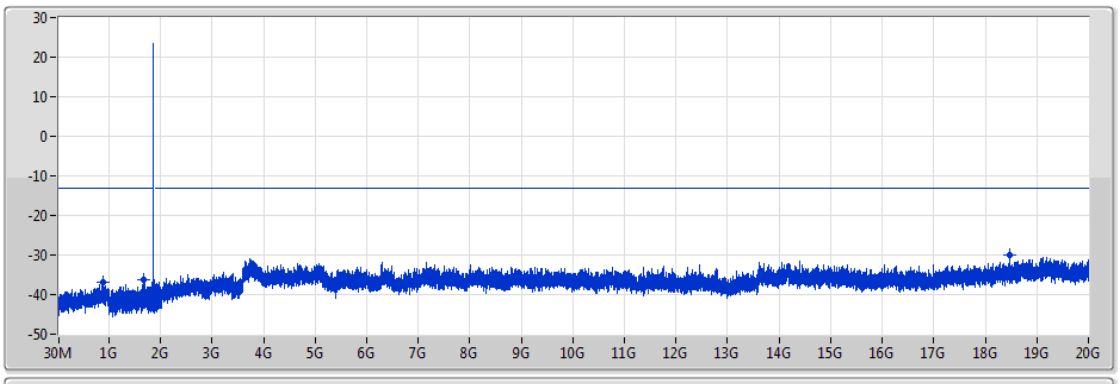
1908.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	761.38M	-36.92	-13.00	-23.92	1	-
1G	1.75G	1M	3M	Peak	1.64875G	-37.40	-13.00	-24.40	1	-
2.01G	20G	1M	3M	Peak	19.19405G	-30.62	-13.00	-17.62	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

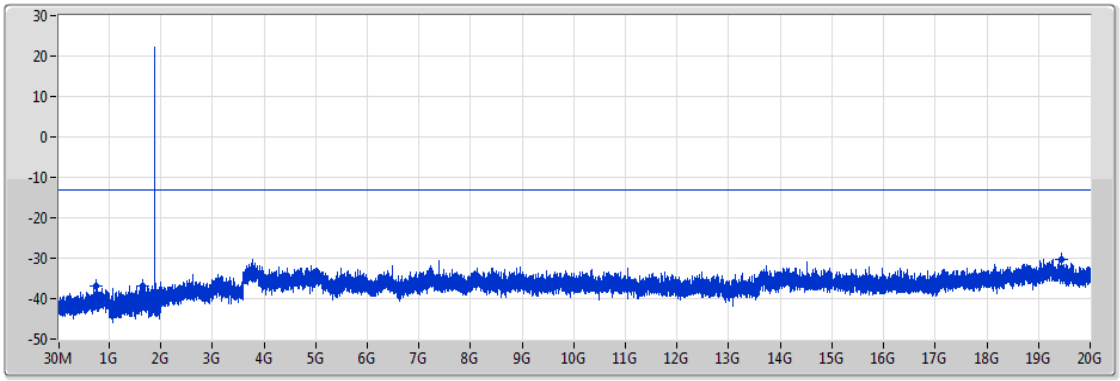
1851.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	886.51M	-36.91	-13.00	-23.91	1	-
1G	1.75G	1M	3M	Peak	1.67463G	-36.24	-13.00	-23.24	1	-
2.01G	20G	1M	3M	Peak	18.47355G	-30.08	-13.00	-17.08	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

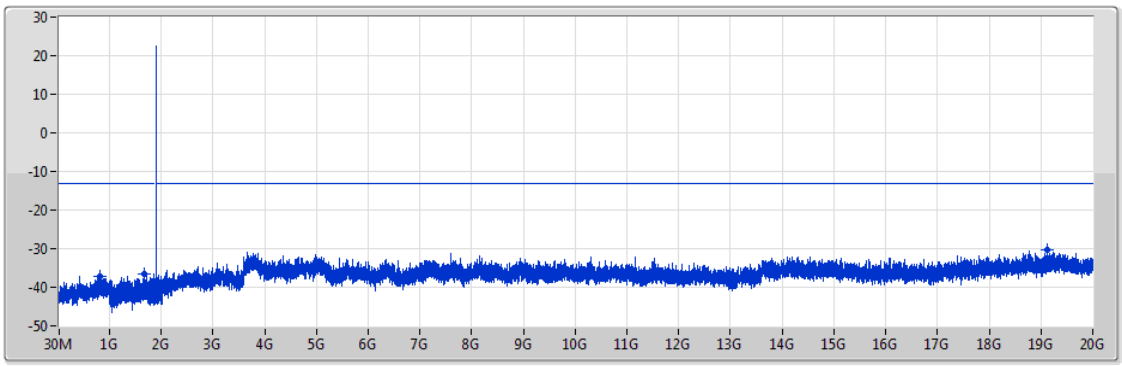
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	746.83M	-36.94	-13.00	-23.94	1	-
1G	1.75G	1M	3M	Peak	1.645G	-36.81	-13.00	-23.81	1	-
2.01G	20G	1M	3M	Peak	19.43332G	-30.29	-13.00	-17.29	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

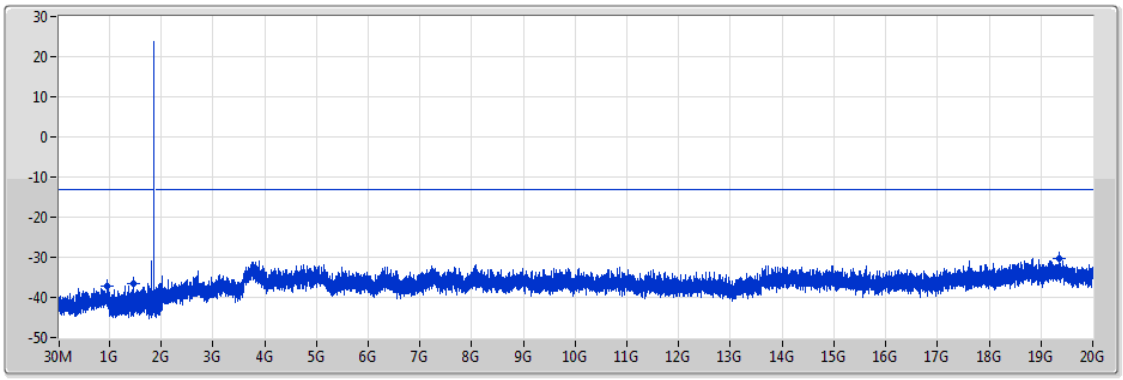
1908.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	826.37M	-37.04	-13.00	-24.04	1	-
1G	1.75G	1M	3M	Peak	1.66788G	-36.42	-13.00	-23.42	1	-
2.01G	20G	1M	3M	Peak	19.12389G	-30.46	-13.00	-17.46	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

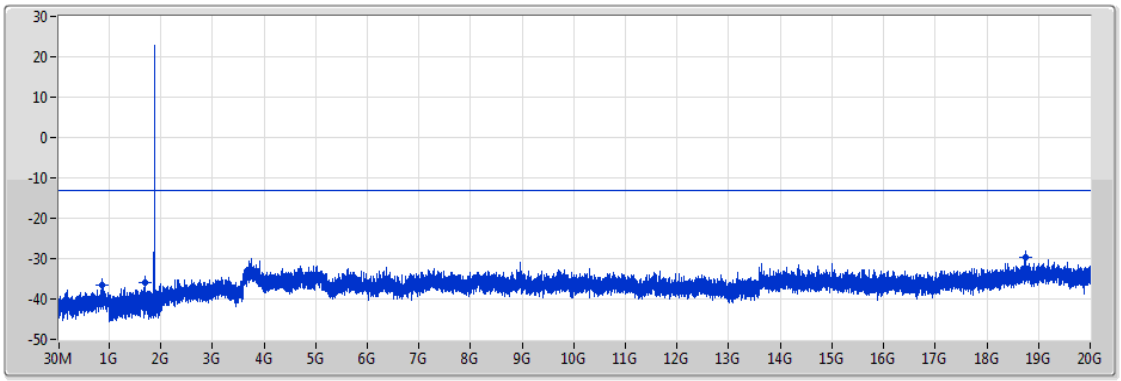
1852.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	966.05M	-37.19	-13.00	-24.19	1	-
1G	1.75G	1M	3M	Peak	1.46913G	-36.41	-13.00	-23.41	1	-
2.01G	20G	1M	3M	Peak	19.35506G	-30.34	-13.00	-17.34	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

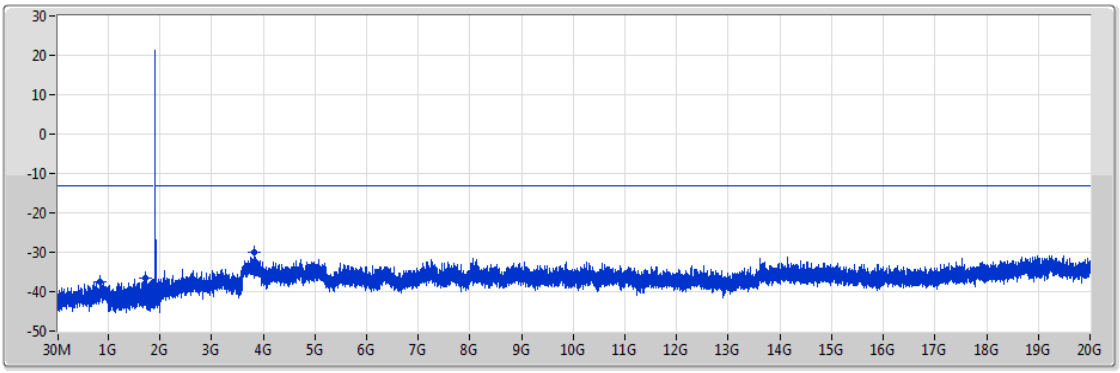
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	869.05M	-36.51	-13.00	-23.51	1	-
1G	1.75G	1M	3M	Peak	1.69938G	-36.07	-13.00	-23.07	1	-
2.01G	20G	1M	3M	Peak	18.7479G	-29.73	-13.00	-16.73	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

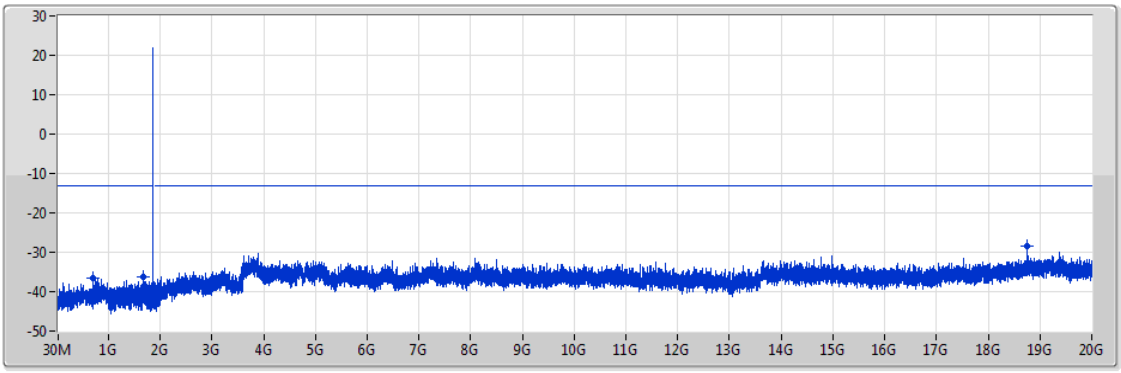
1907.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	844.8M	-37.44	-13.00	-24.44	1	-
1G	1.75G	1M	3M	Peak	1.72413G	-36.68	-13.00	-23.68	1	-
2.01G	20G	1M	3M	Peak	3.83509G	-29.90	-13.00	-16.90	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

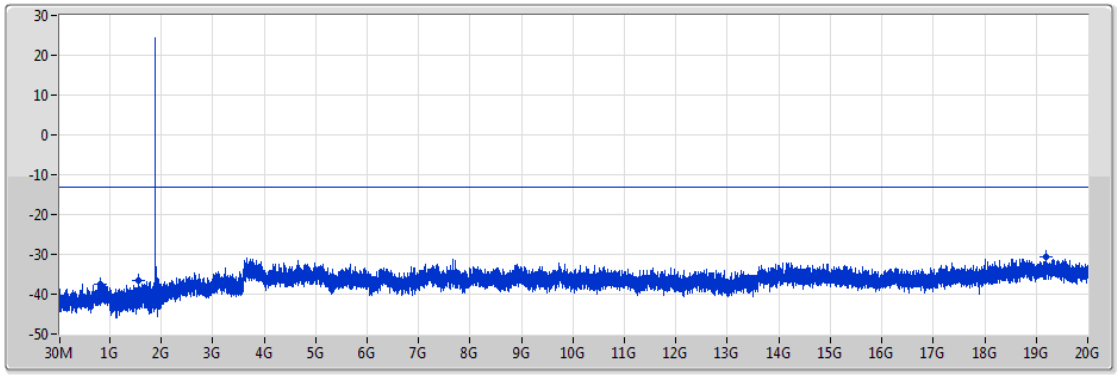
1852.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	696.39M	-36.48	-13.00	-23.48	1	-
1G	1.75G	1M	3M	Peak	1.68213G	-36.32	-13.00	-23.32	1	-
2.01G	20G	1M	3M	Peak	18.75239G	-28.44	-13.00	-15.44	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

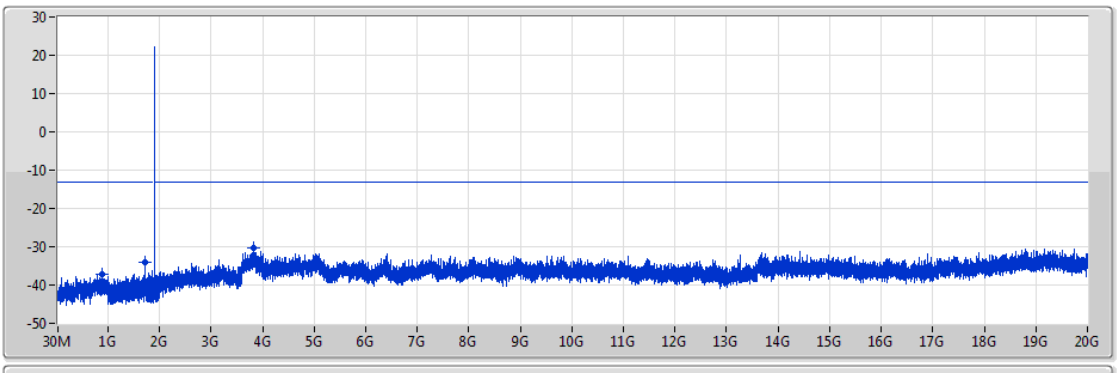
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	806.97M	-37.36	-13.00	-24.36	1	-
1G	1.75G	1M	3M	Peak	1.546G	-36.53	-13.00	-23.53	1	-
2.01G	20G	1M	3M	Peak	19.17966G	-30.70	-13.00	-17.70	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

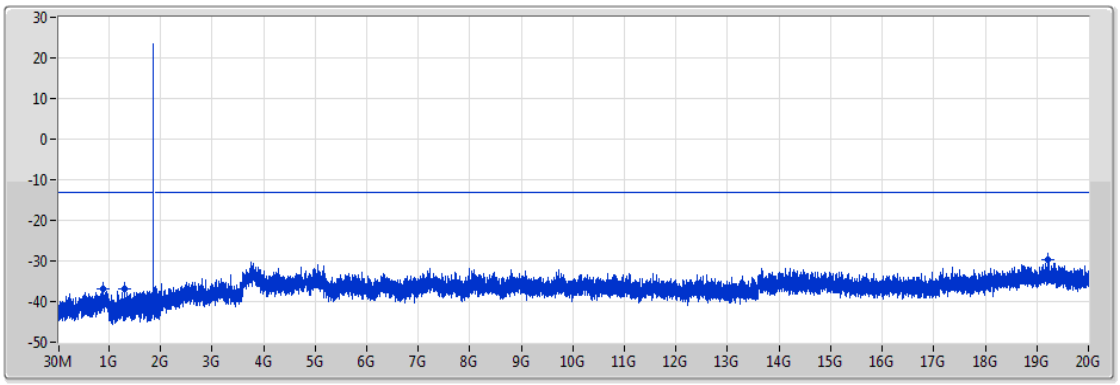
1907.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	890.39M	-37.17	-13.00	-24.17	1	-
1G	1.75G	1M	3M	Peak	1.72413G	-34.21	-13.00	-21.21	1	-
2.01G	20G	1M	3M	Peak	3.82249G	-30.36	-13.00	-17.36	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

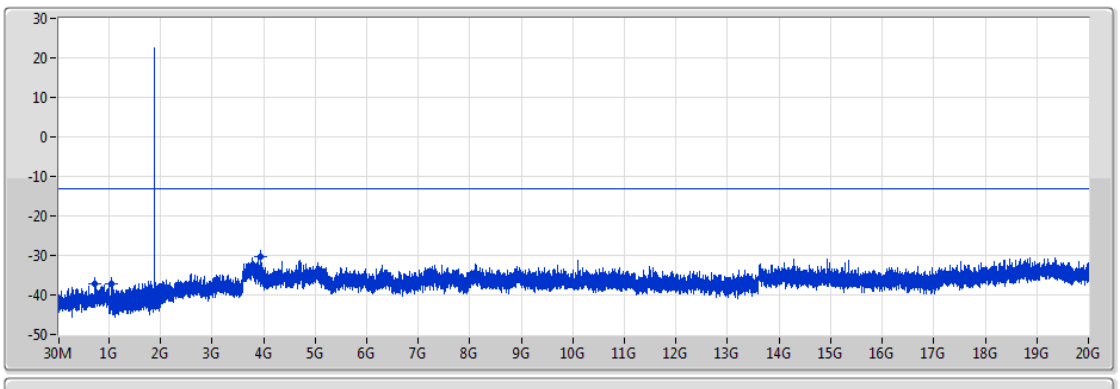
1855MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	895.24M	-37.03	-13.00	-24.03	1	-
1G	1.75G	1M	3M	Peak	1.29363G	-36.93	-13.00	-23.93	1	-
2.01G	20G	1M	3M	Peak	19.22103G	-29.75	-13.00	-16.75	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

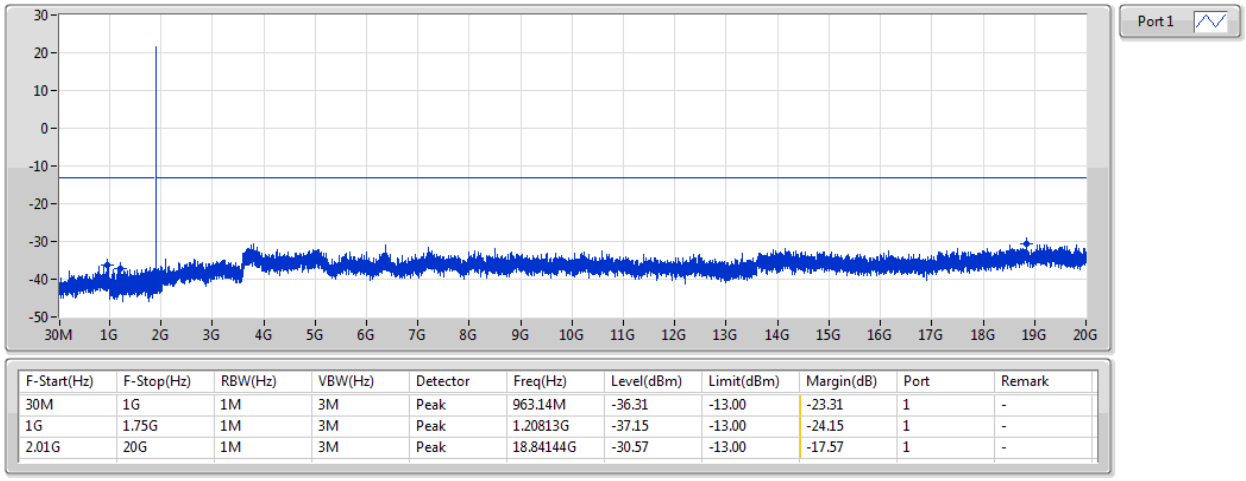
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	716.76M	-37.05	-13.00	-24.05	1	-
1G	1.75G	1M	3M	Peak	1.05588G	-37.06	-13.00	-24.06	1	-
2.01G	20G	1M	3M	Peak	3.94842G	-30.42	-13.00	-17.42	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

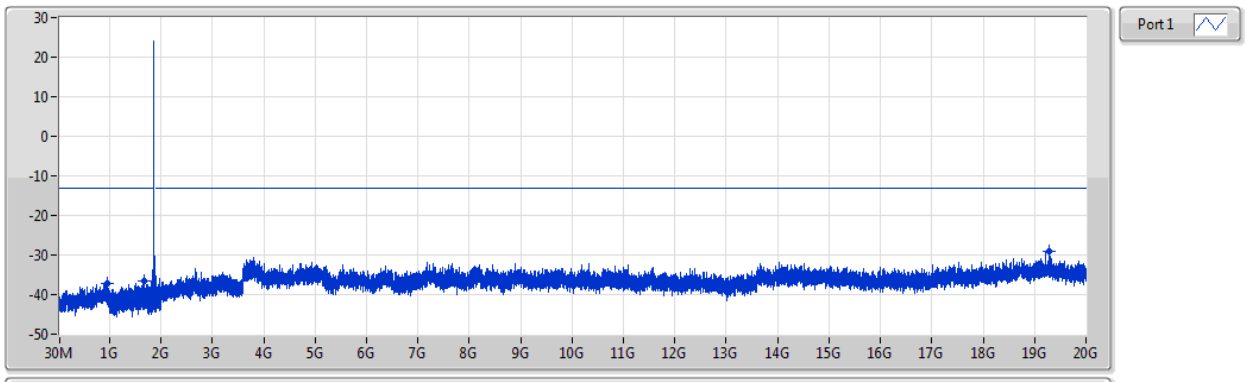
1905MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	963.14M	-36.31	-13.00	-23.31	1	-
1G	1.75G	1M	3M	Peak	1.20813G	-37.15	-13.00	-24.15	1	-
2.01G	20G	1M	3M	Peak	18.84144G	-30.57	-13.00	-17.57	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

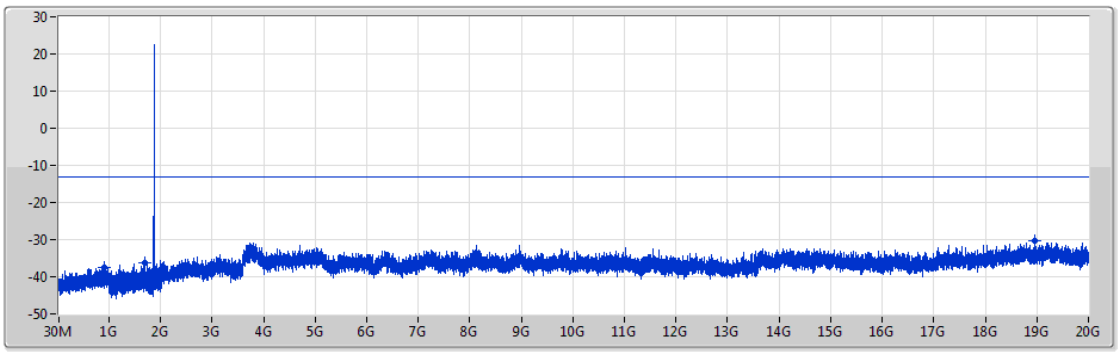
1855MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	949.56M	-37.06	-13.00	-24.06	1	-
1G	1.75G	1M	3M	Peak	1.67425G	-36.69	-13.00	-23.69	1	-
2.01G	20G	1M	3M	Peak	19.284G	-29.13	-13.00	-16.13	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

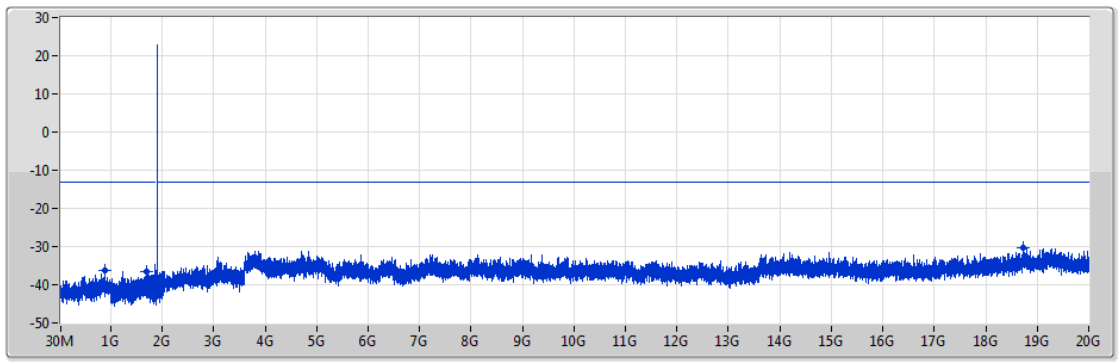
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	920.46M	-37.38	-13.00	-24.38	1	-
1G	1.75G	1M	3M	Peak	1.69713G	-36.15	-13.00	-23.15	1	-
2.01G	20G	1M	3M	Peak	18.95568G	-30.36	-13.00	-17.36	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

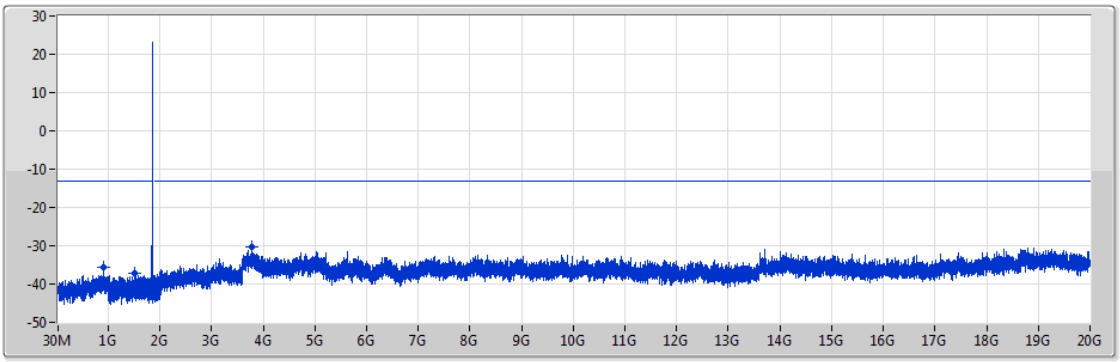
1905MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	879.72M	-36.39	-13.00	-23.39	1	-
1G	1.75G	1M	3M	Peak	1.69638G	-36.50	-13.00	-23.50	1	-
2.01G	20G	1M	3M	Peak	18.72001G	-30.32	-13.00	-17.32	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

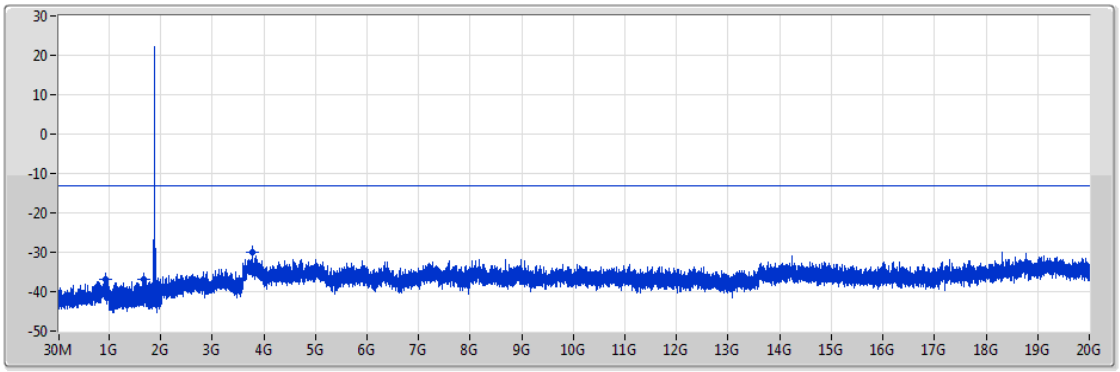
1857.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	911.73M	-35.57	-13.00	-22.57	1	-
1G	1.75G	1M	3M	Peak	1.50138G	-37.16	-13.00	-24.16	1	-
2.01G	20G	1M	3M	Peak	3.78112G	-30.42	-13.00	-17.42	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

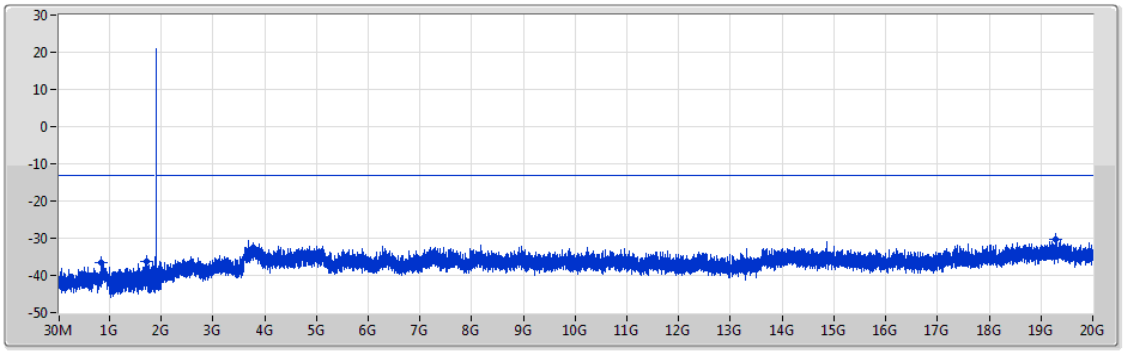
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	934.04M	-36.80	-13.00	-23.80	1	-
1G	1.75G	1M	3M	Peak	1.6795G	-36.93	-13.00	-23.93	1	-
2.01G	20G	1M	3M	Peak	3.77932G	-29.94	-13.00	-16.94	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

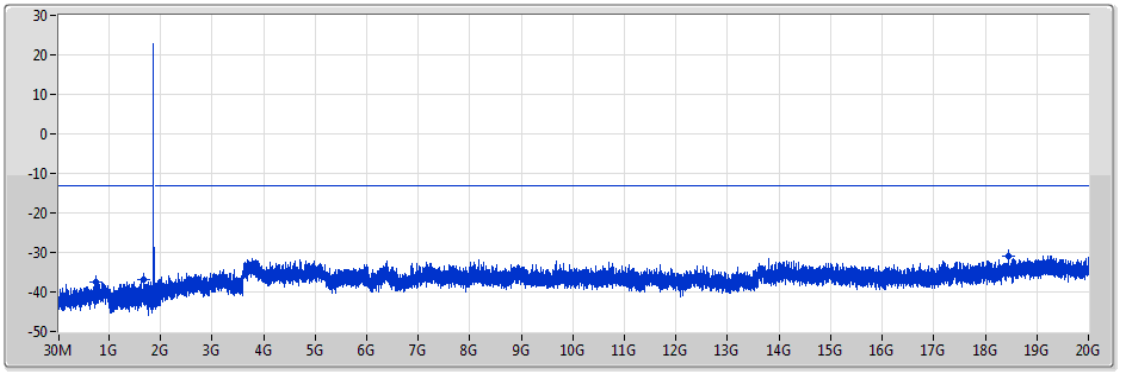
1902.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	837.04M	-36.46	-13.00	-23.46	1	-
1G	1.75G	1M	3M	Peak	1.71588G	-36.22	-13.00	-23.22	1	-
2.01G	20G	1M	3M	Peak	19.2813G	-30.29	-13.00	-17.29	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

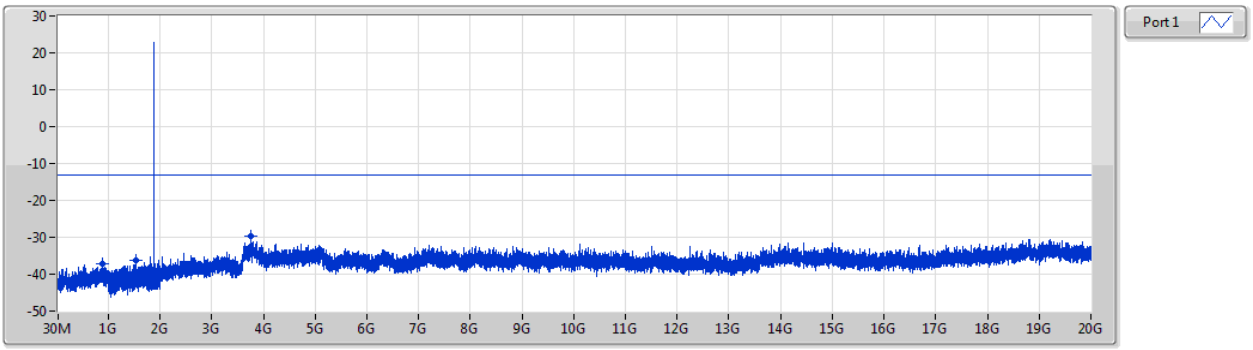
1857.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	747.8M	-37.63	-13.00	-24.63	1	-
1G	1.75G	1M	3M	Peak	1.67538G	-36.97	-13.00	-23.97	1	-
2.01G	20G	1M	3M	Peak	18.46006G	-30.88	-13.00	-17.88	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

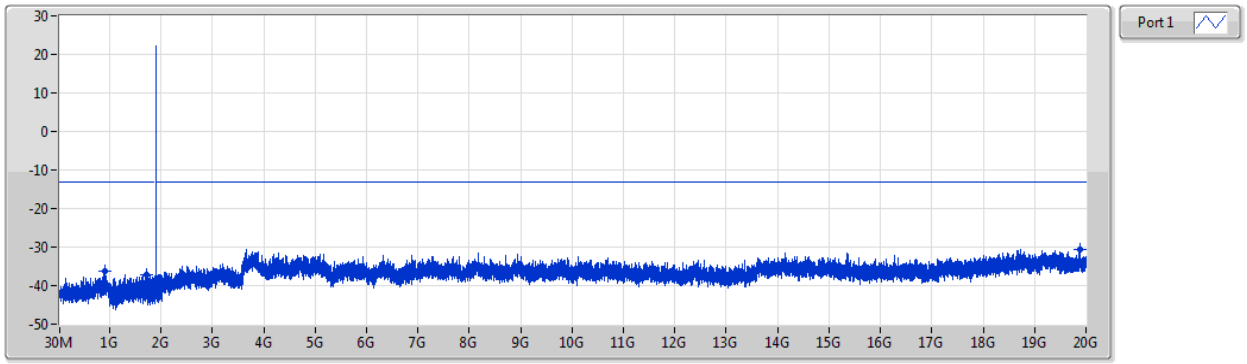
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	887.48M	-37.26	-13.00	-24.26	1	-
1G	1.75G	1M	3M	Peak	1.52763G	-36.14	-13.00	-23.14	1	-
2.01G	20G	1M	3M	Peak	3.76582G	-29.76	-13.00	-16.76	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

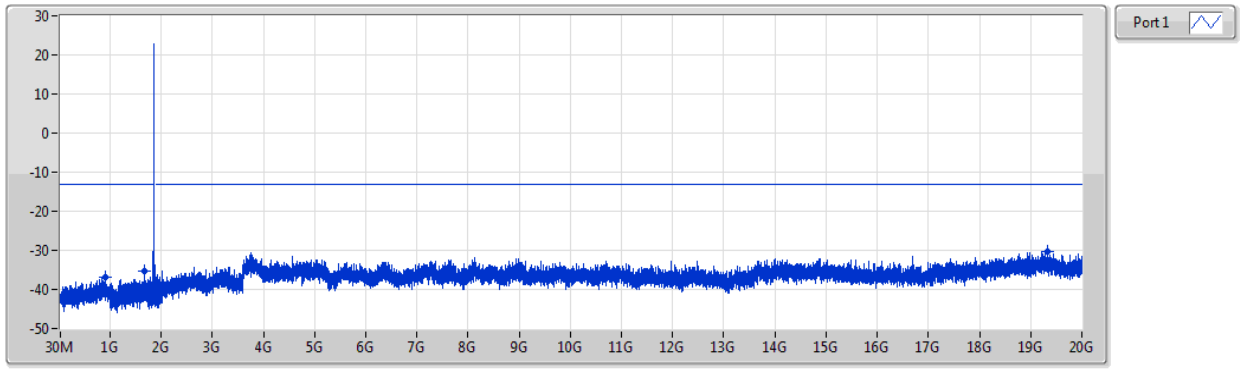
1902.5MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	905.91M	-36.19	-13.00	-23.19	1	-
1G	1.75G	1M	3M	Peak	1.726G	-37.07	-13.00	-24.07	1	-
2.01G	20G	1M	3M	Peak	19.88127G	-30.49	-13.00	-17.49	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

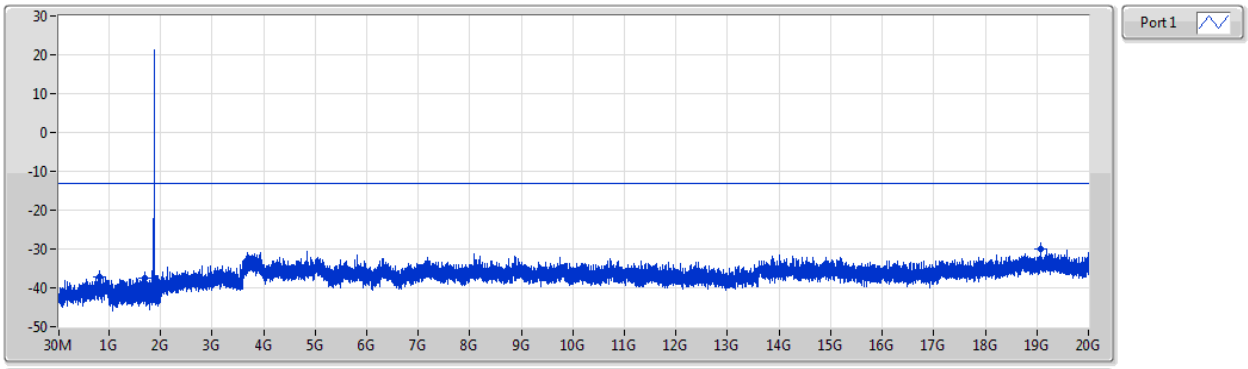
1860MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	905.91M	-36.90	-13.00	-23.90	1	-
1G	1.75G	1M	3M	Peak	1.67538G	-35.24	-13.00	-22.24	1	-
2.01G	20G	1M	3M	Peak	19.33797G	-30.28	-13.00	-17.28	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

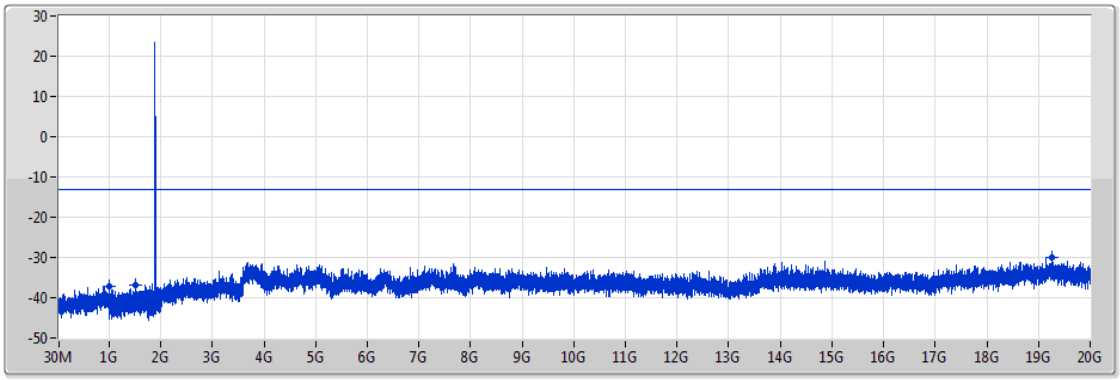
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	810.85M	-37.04	-13.00	-24.04	1	-
1G	1.75G	1M	3M	Peak	1.68588G	-37.61	-13.00	-24.61	1	-
2.01G	20G	1M	3M	Peak	19.08431G	-30.14	-13.00	-17.14	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

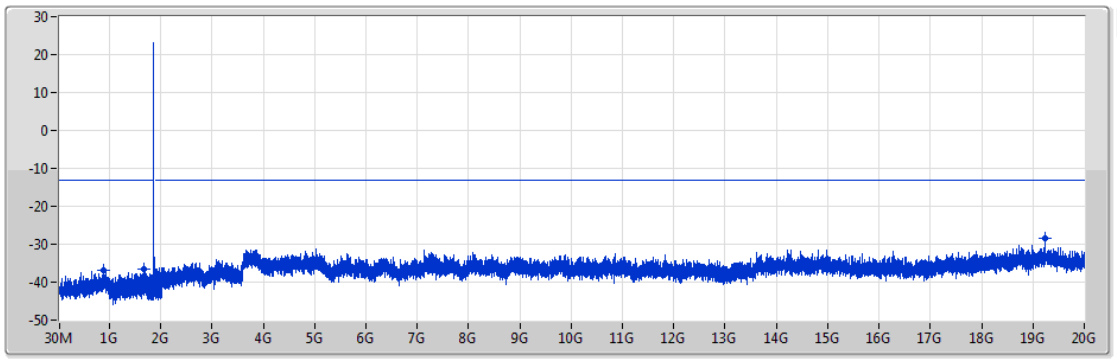
1900MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	999.03M	-37.15	-13.00	-24.15	1	-
1G	1.75G	1M	3M	Peak	1.5085G	-36.89	-13.00	-23.89	1	-
2.01G	20G	1M	3M	Peak	19.26781G	-30.06	-13.00	-17.06	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

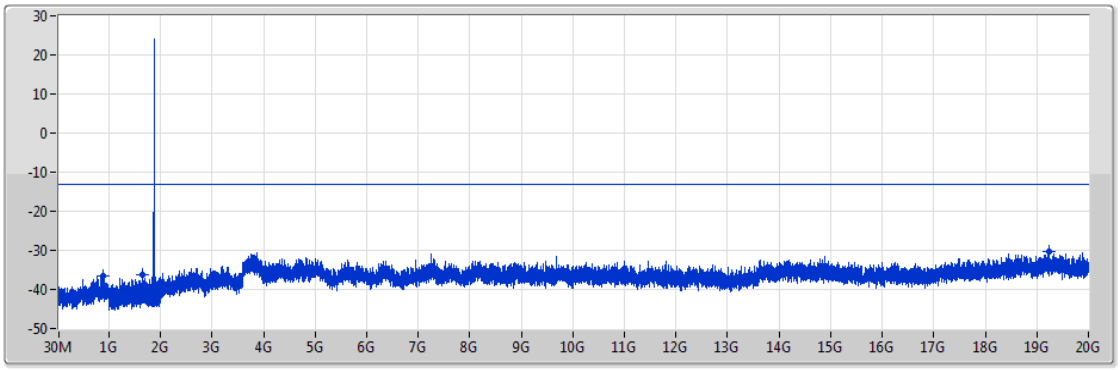
1860MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	891.36M	-36.79	-13.00	-23.79	1	-
1G	1.75G	1M	3M	Peak	1.67538G	-36.54	-13.00	-23.54	1	-
2.01G	20G	1M	3M	Peak	19.23183G	-28.58	-13.00	-15.58	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

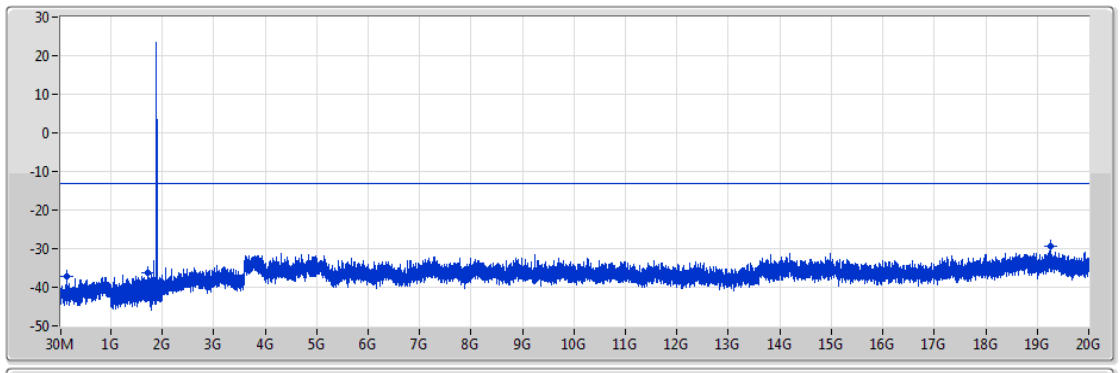
1880MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	884.57M	-36.52	-13.00	-23.52	1	-
1G	1.75G	1M	3M	Peak	1.64913G	-36.36	-13.00	-23.36	1	-
2.01G	20G	1M	3M	Peak	19.23093G	-30.39	-13.00	-17.39	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

1900MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
30M	1G	1M	3M	Peak	143.49M	-37.09	-13.00	-24.09	1	-
1G	1.75G	1M	3M	Peak	1.71138G	-36.24	-13.00	-23.24	1	-
2.01G	20G	1M	3M	Peak	19.25881G	-29.46	-13.00	-16.46	1	-

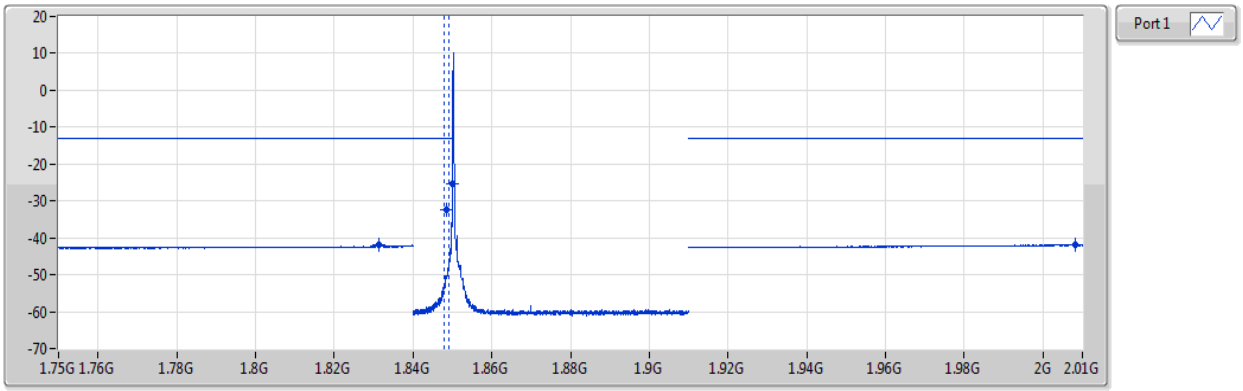
Band edge

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port	Remark	Ref.Limit (dB)
Band 2	-	-	-	-	-	-	-	-	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	Pass	1.849G	1.85G	15k	47k	RMS	1.85G	-25.28	-13.00	-12.28	1	-	-
LTE-M1_1.4MHz_Nss1,16QAM_1TX	Pass	1.849G	1.85G	15k	47k	RMS	1.85G	-26.64	-13.00	-13.64	1	-	-
LTE-M1_3MHz_Nss1,QPSK_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-31.61	-13.00	-18.61	1	MBW 1M	-
LTE-M1_3MHz_Nss1,16QAM_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-32.04	-13.00	-19.04	1	MBW 1M	-
LTE-M1_5MHz_Nss1,QPSK_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-30.97	-13.00	-17.97	1	MBW 1M	-
LTE-M1_5MHz_Nss1,16QAM_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-30.80	-13.00	-17.80	1	MBW 1M	-
LTE-M1_10MHz_Nss1,QPSK_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-33.35	-13.00	-20.35	1	MBW 1M	-
LTE-M1_10MHz_Nss1,16QAM_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-32.66	-13.00	-19.66	1	MBW 1M	-
LTE-M1_15MHz_Nss1,QPSK_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-34.14	-13.00	-21.14	1	MBW 1M	-
LTE-M1_15MHz_Nss1,16QAM_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-33.81	-13.00	-20.81	1	MBW 1M	-
LTE-M1_20MHz_Nss1,QPSK_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-35.99	-13.00	-22.99	1	MBW 1M	-
LTE-M1_20MHz_Nss1,16QAM_1TX	Pass	1.911G	1.92G	15k	47k	RMS	1.9115G	-35.98	-13.00	-22.98	1	MBW 1M	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

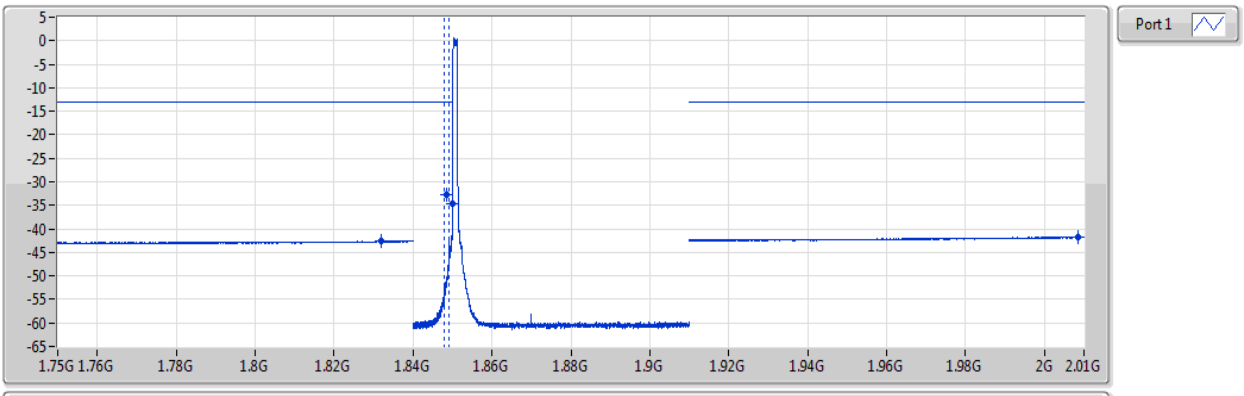
1850.7MHz_QPSK_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83145G	-41.93	-13.00	-28.93	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-32.45	-13.00	-19.45	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-25.28	-13.00	-12.28	1	-
1.91G	2.01G	1M	3M	RMS	2.00805G	-41.88	-13.00	-28.88	1	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

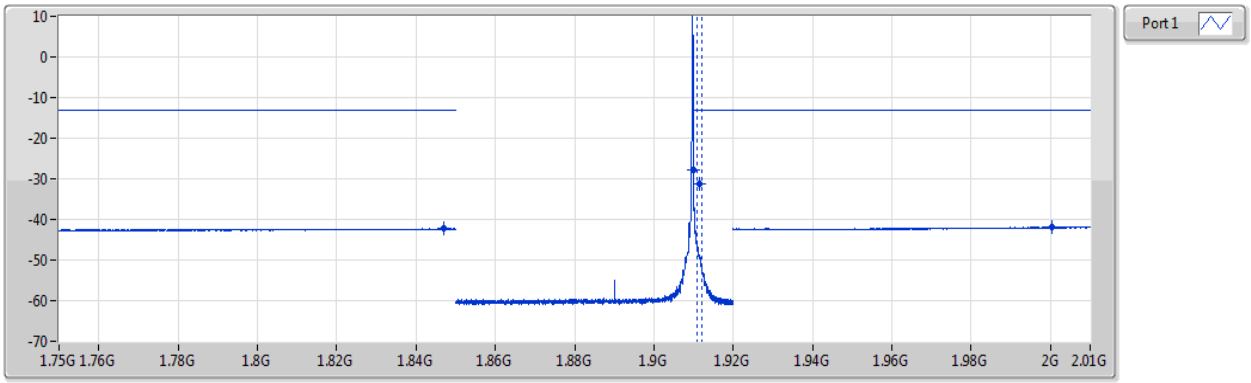
1850.7MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83186G	-42.45	-13.00	-29.45	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-32.74	-13.00	-19.74	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-34.65	-13.00	-21.65	1	-
1.91G	2.01G	1M	3M	RMS	2.0086G	-41.72	-13.00	-28.72	1	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

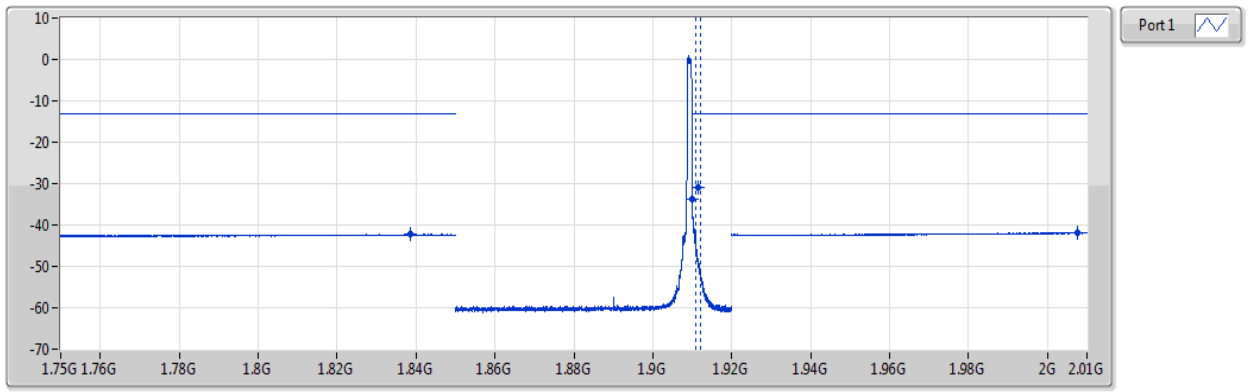
1909.3MHz_QPSK_RB 1,#RB 5,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84695G	-42.30	-13.00	-29.30	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-27.75	-13.00	-14.75	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-31.14	-13.00	-18.14	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00037G	-41.85	-13.00	-28.85	1	-

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **CSE-TX-Port**

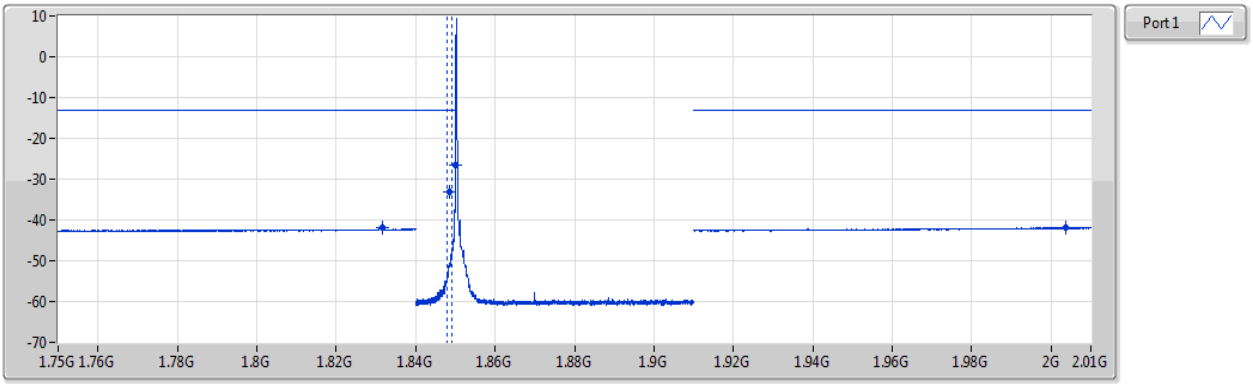
1909.3MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.83855G	-42.29	-13.00	-29.29	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-33.84	-13.00	-20.84	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-30.87	-13.00	-17.87	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00762G	-41.85	-13.00	-28.85	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

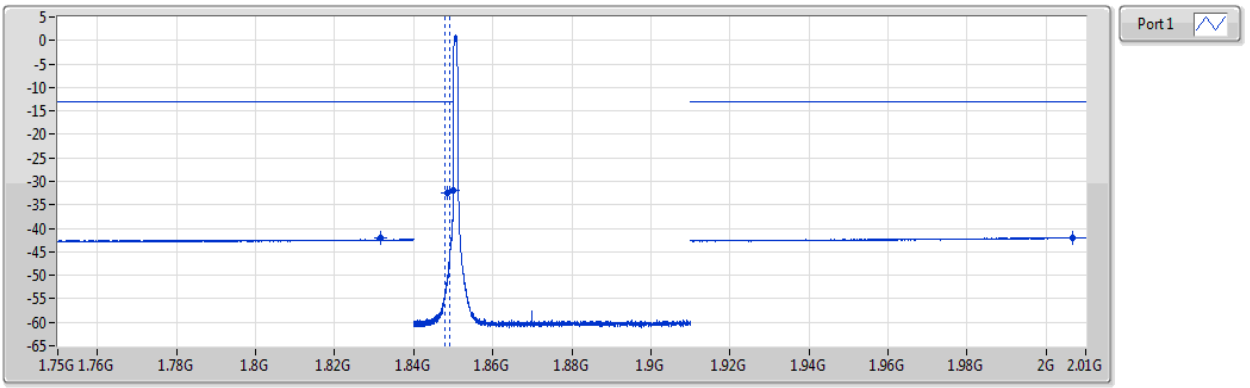
1850.7MHz_16QAM_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83154G	-41.86	-13.00	-28.86	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-33.08	-13.00	-20.08	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-26.64	-13.00	-13.64	1	-
1.91G	2.01G	1M	3M	RMS	2.0037G	-41.85	-13.00	-28.85	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

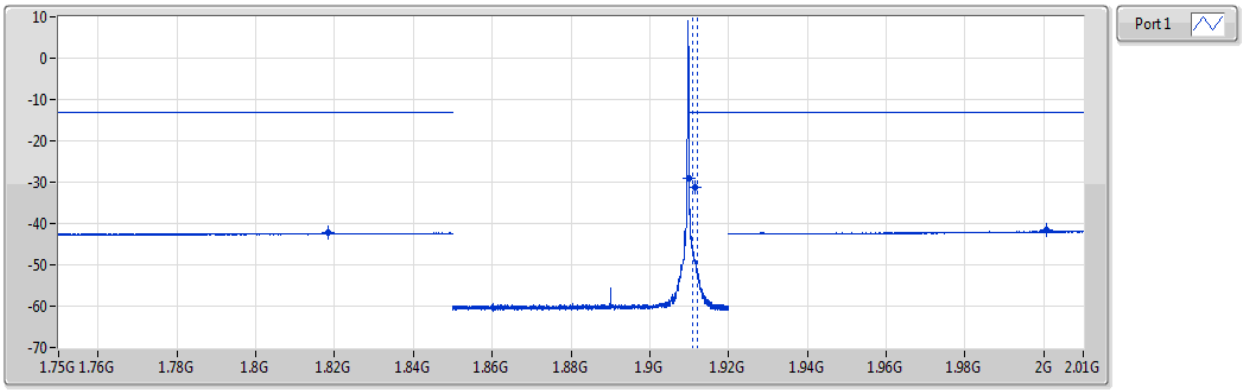
1850.7MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83154G	-42.15	-13.00	-29.15	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-32.59	-13.00	-19.59	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-31.97	-13.00	-18.97	1	-
1.91G	2.01G	1M	3M	RMS	2.0067G	-41.91	-13.00	-28.91	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

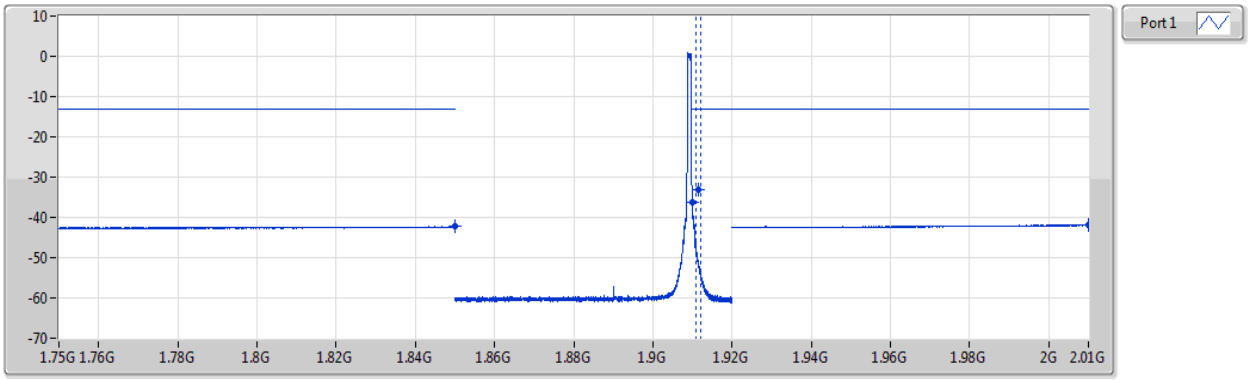
1909.3MHz_16QAM_RB 1,#RB 5,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8185G	-42.20	-13.00	-29.20	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-28.94	-13.00	-15.94	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-31.12	-13.00	-18.12	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00064G	-41.71	-13.00	-28.71	1	-

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **CSE-TX-Port**

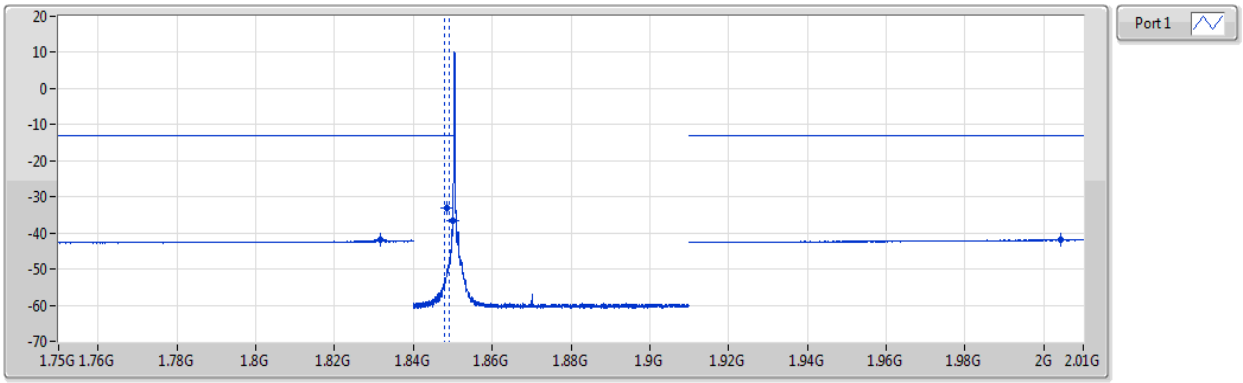
1909.3MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84995G	-42.30	-13.00	-29.30	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-36.40	-13.00	-23.40	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-33.25	-13.00	-20.25	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00987G	-41.88	-13.00	-28.88	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

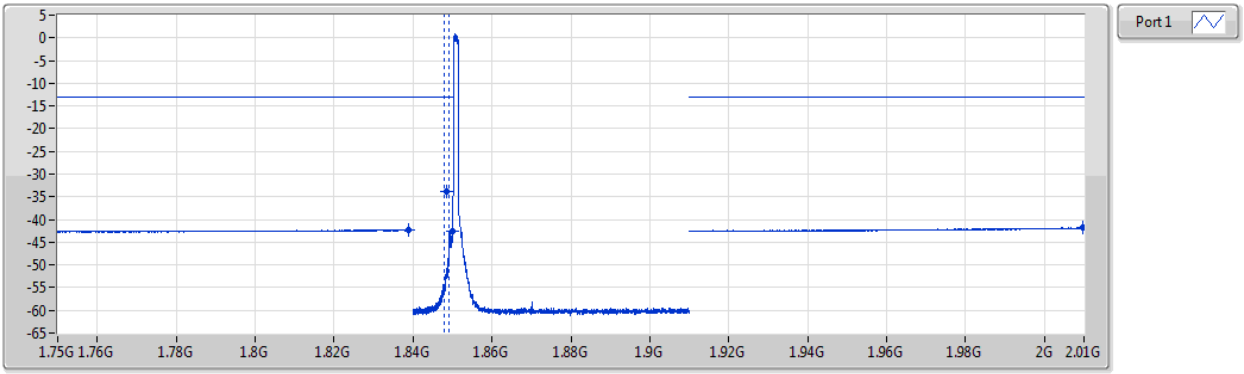
1851.5MHz_QPSK_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83177G	-41.86	-13.00	-28.86	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-33.13	-13.00	-20.13	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-36.44	-13.00	-23.44	1	-
1.91G	2.01G	1M	3M	RMS	2.00435G	-41.83	-13.00	-28.83	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

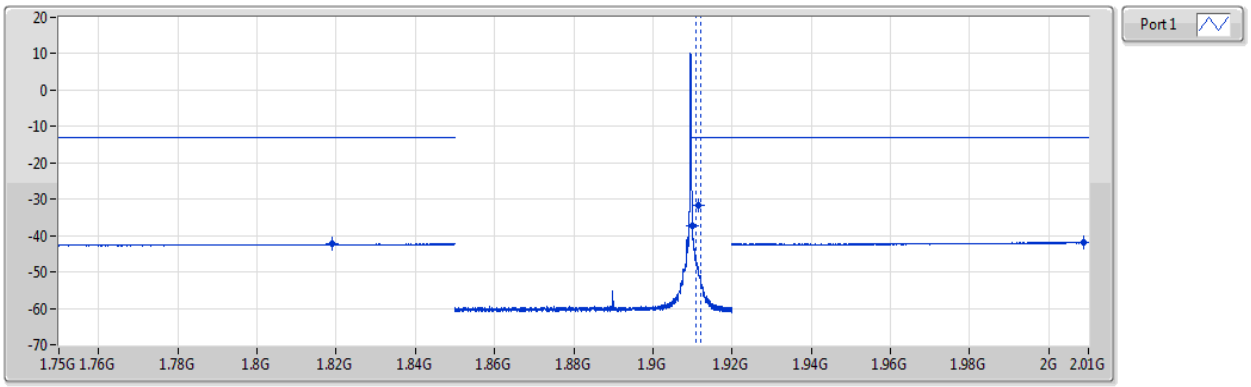
1851.5MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83888G	-42.20	-13.00	-29.20	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-33.73	-13.00	-20.73	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.8499G	-42.46	-13.00	-29.46	1	-
1.91G	2.01G	1M	3M	RMS	2.00955G	-41.84	-13.00	-28.84	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

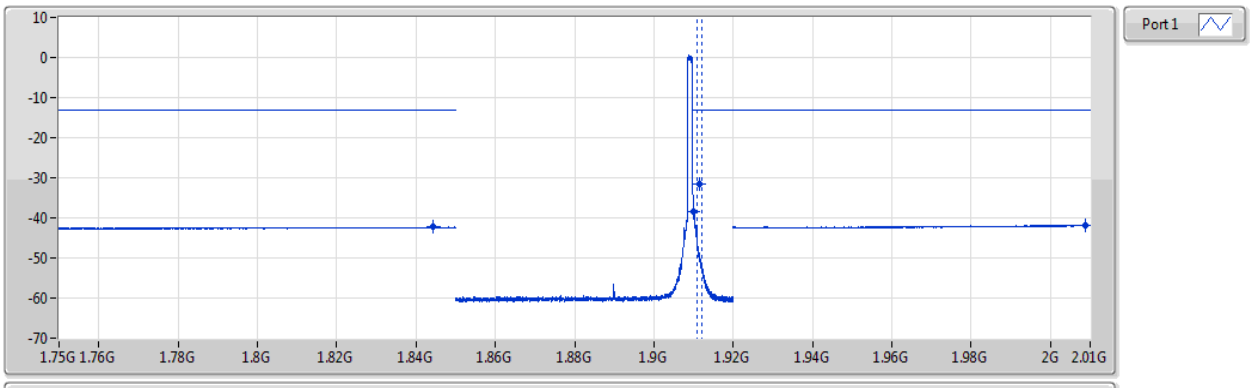
1908.5MHz_QPSK_RB 1,#RB 5,NB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.81885G	-42.29	-13.00	-29.29	1	-
1.91G	1.911G	15k	47k	RMS	1.91001G	-37.43	-13.00	-24.43	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-31.61	-13.00	-18.61	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00883G	-41.82	-13.00	-28.82	1	-

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **CSE-TX-Port**

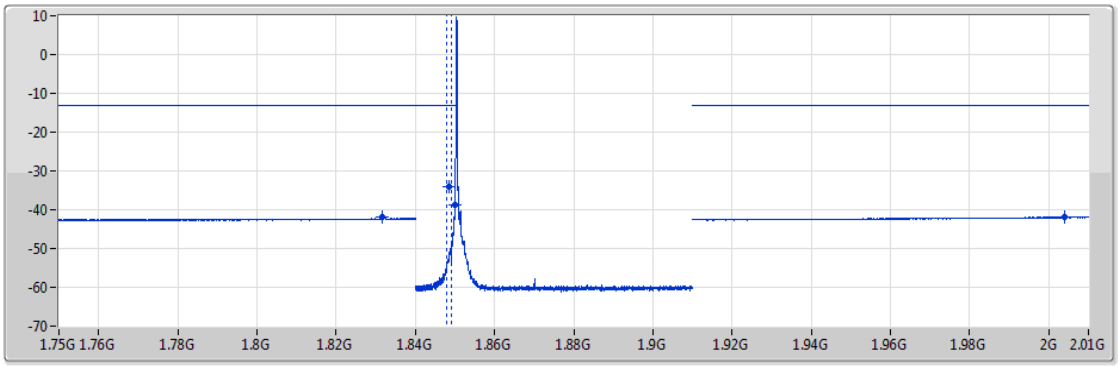
1908.5MHz_QPSK_RB 6,#RB 0,NB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84415G	-42.30	-13.00	-29.30	1	-
1.91G	1.911G	15k	47k	RMS	1.91009G	-38.43	-13.00	-25.43	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-31.63	-13.00	-18.63	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.0087G	-41.83	-13.00	-28.83	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

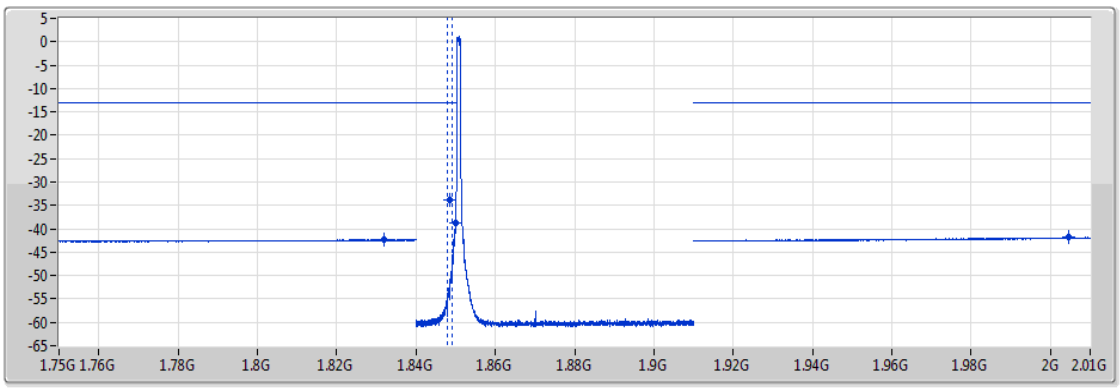
1851.5MHz_16QAM_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83172G	-41.77	-13.00	-28.77	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-34.02	-13.00	-21.02	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84999G	-38.68	-13.00	-25.68	1	-
1.91G	2.01G	1M	3M	RMS	2.0039G	-41.79	-13.00	-28.79	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

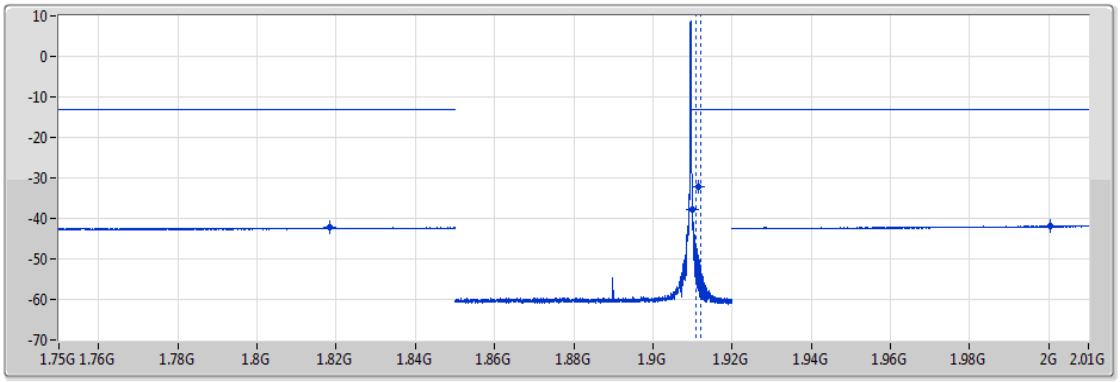
1851.5MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.8319G	-42.21	-13.00	-29.21	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-33.80	-13.00	-20.80	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84997G	-38.84	-13.00	-25.84	1	-
1.91G	2.01G	1M	3M	RMS	2.0045G	-41.87	-13.00	-28.87	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

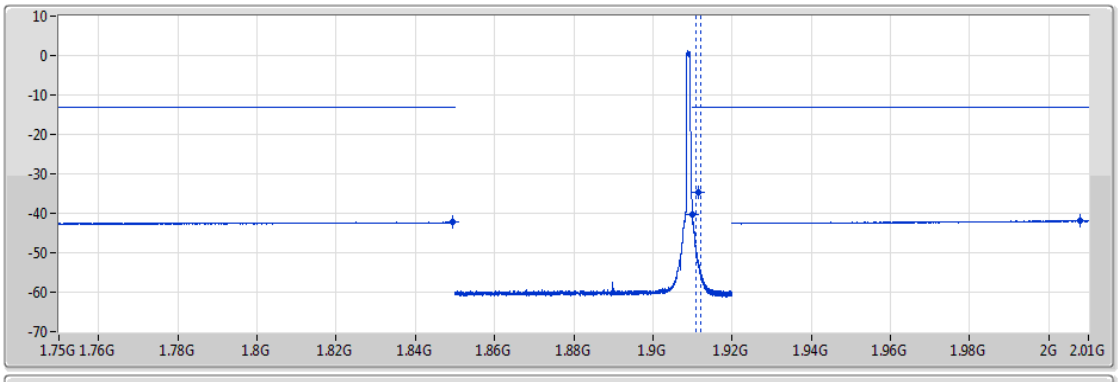
1908.5MHz_16QAM_RB 1,#RB 5,NB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8185G	-42.24	-13.00	-29.24	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-37.93	-13.00	-24.93	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-32.04	-13.00	-19.04	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00037G	-41.79	-13.00	-28.79	1	-

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **CSE-TX-Port**

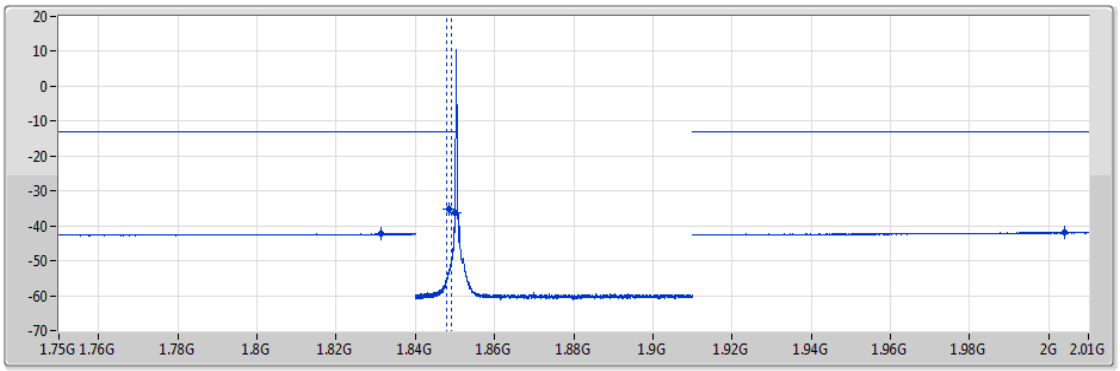
1908.5MHz_16QAM_RB 5,#RB 0,NB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8495G	-42.29	-13.00	-29.29	1	-
1.91G	1.911G	15k	47k	RMS	1.91009G	-40.34	-13.00	-27.34	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-34.58	-13.00	-21.58	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.0078G	-41.87	-13.00	-28.87	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

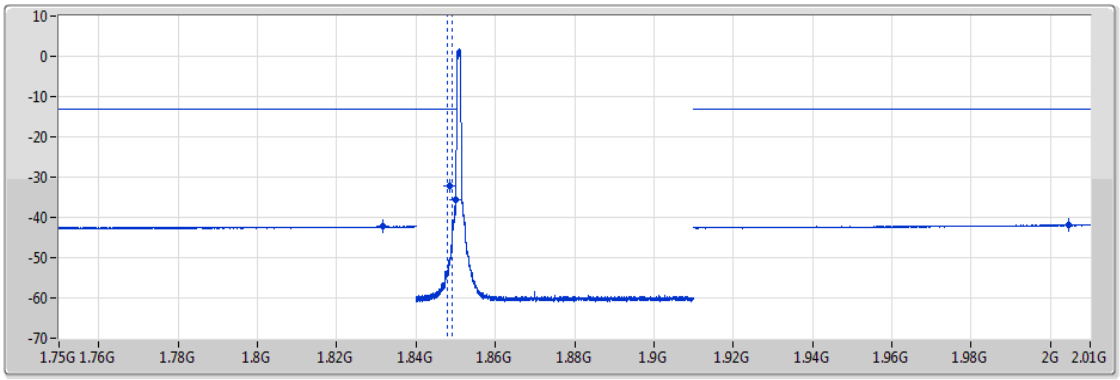
1852.5MHz_QPSK_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83123G	-42.09	-13.00	-29.09	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-35.19	-13.00	-22.19	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-36.08	-13.00	-23.08	1	-
1.91G	2.01G	1M	3M	RMS	2.0039G	-41.75	-13.00	-28.75	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

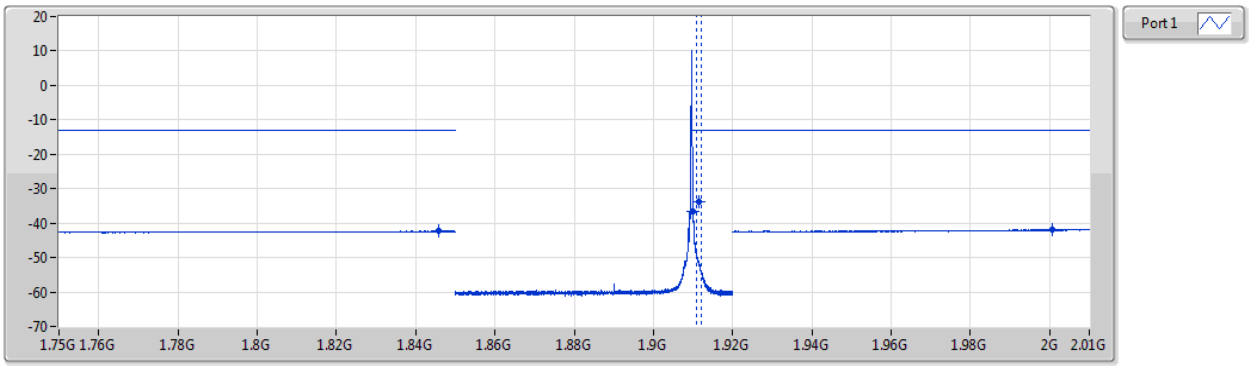
1852.5MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83154G	-42.06	-13.00	-29.06	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-32.12	-13.00	-19.12	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-35.70	-13.00	-22.70	1	-
1.91G	2.01G	1M	3M	RMS	2.00445G	-41.82	-13.00	-28.82	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

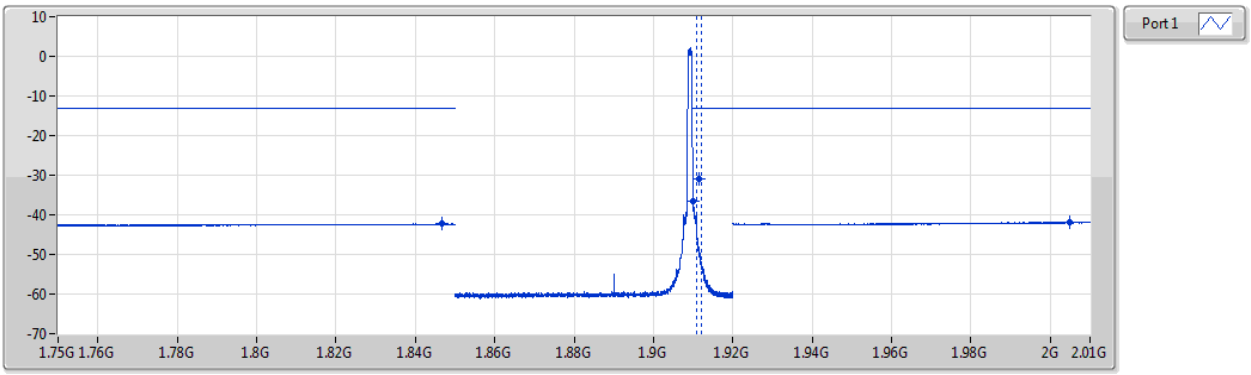
1907.5MHz_QPSK_RB 1,#RB 5,NB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84595G	-42.32	-13.00	-29.32	1	-
1.91G	1.911G	15k	47k	RMS	1.91005G	-36.47	-13.00	-23.47	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-33.80	-13.00	-20.80	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00078G	-41.87	-13.00	-28.87	1	-

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **CSE-TX-Port**

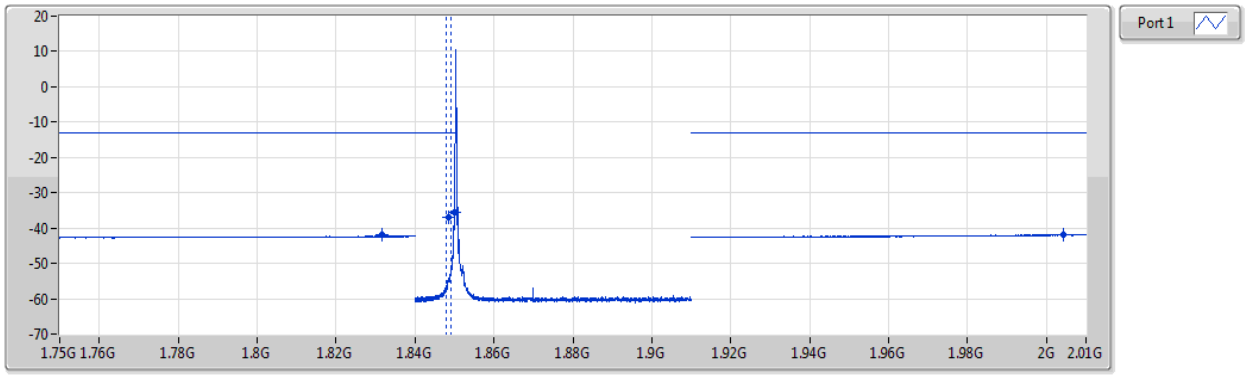
1907.5MHz_QPSK_RB 6,#RB 0,NB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8467G	-42.31	-13.00	-29.31	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-36.69	-13.00	-23.69	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-30.97	-13.00	-17.97	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00474G	-41.85	-13.00	-28.85	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

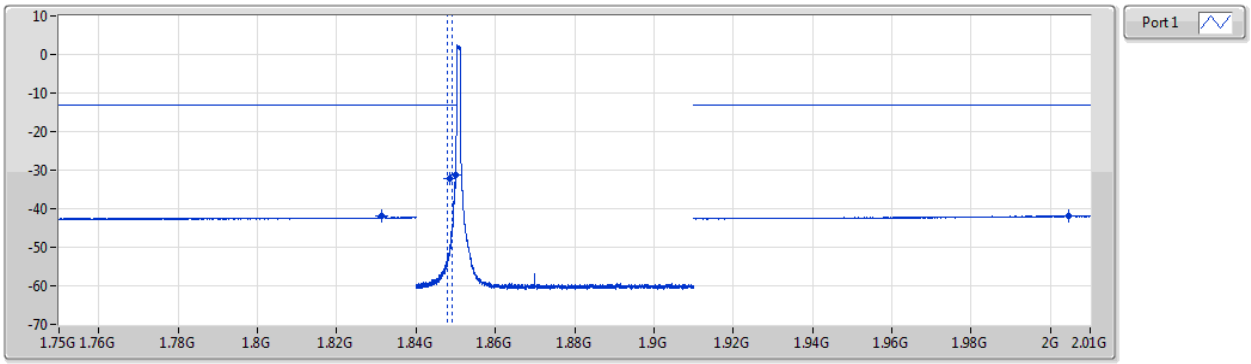
1852.5MHz_16QAM_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83154G	-41.71	-13.00	-28.71	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-37.06	-13.00	-24.06	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-35.70	-13.00	-22.70	1	-
1.91G	2.01G	1M	3M	RMS	2.00415G	-41.80	-13.00	-28.80	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

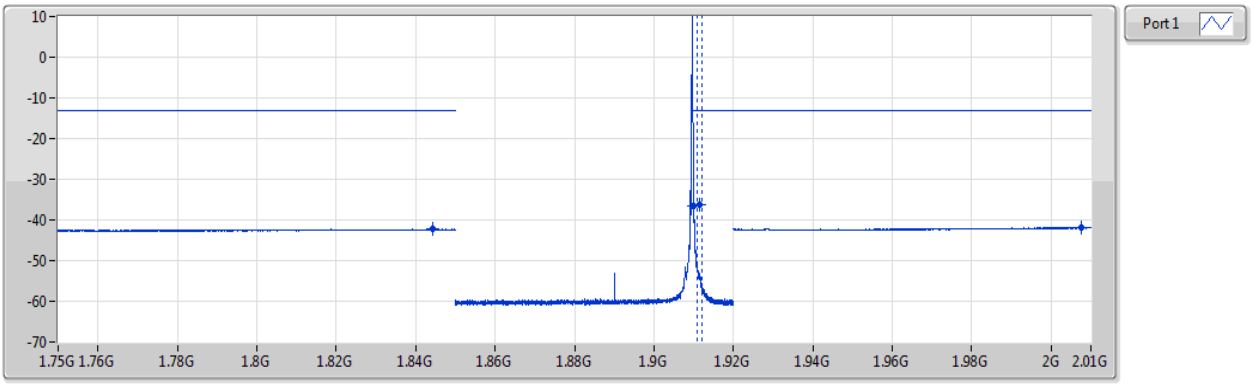
1852.5MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83145G	-41.97	-13.00	-28.97	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-32.06	-13.00	-19.06	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-31.16	-13.00	-18.16	1	-
1.91G	2.01G	1M	3M	RMS	2.0045G	-41.79	-13.00	-28.79	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

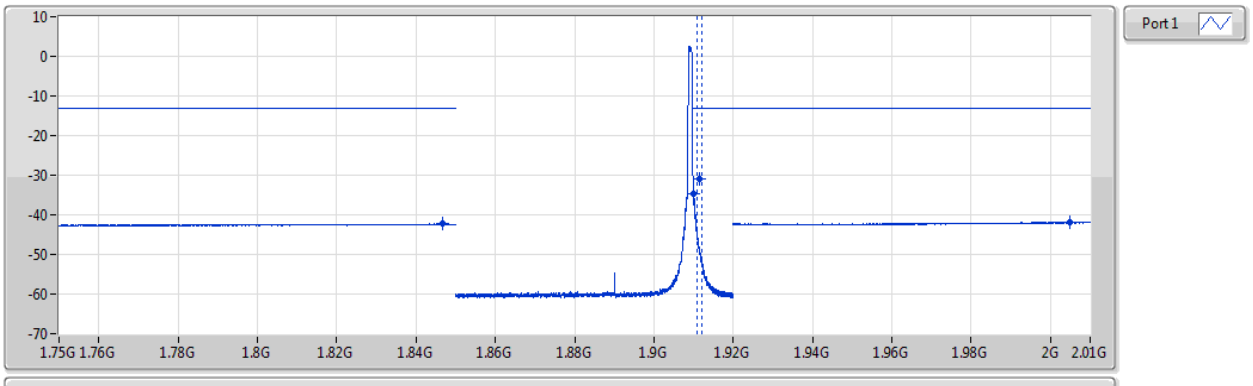
1907.5MHz_16QAM_RB 1,#RB 5,NB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8444G	-42.27	-13.00	-29.27	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-36.54	-13.00	-23.54	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-36.35	-13.00	-23.35	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00762G	-41.89	-13.00	-28.89	1	-

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **CSE-TX-Port**

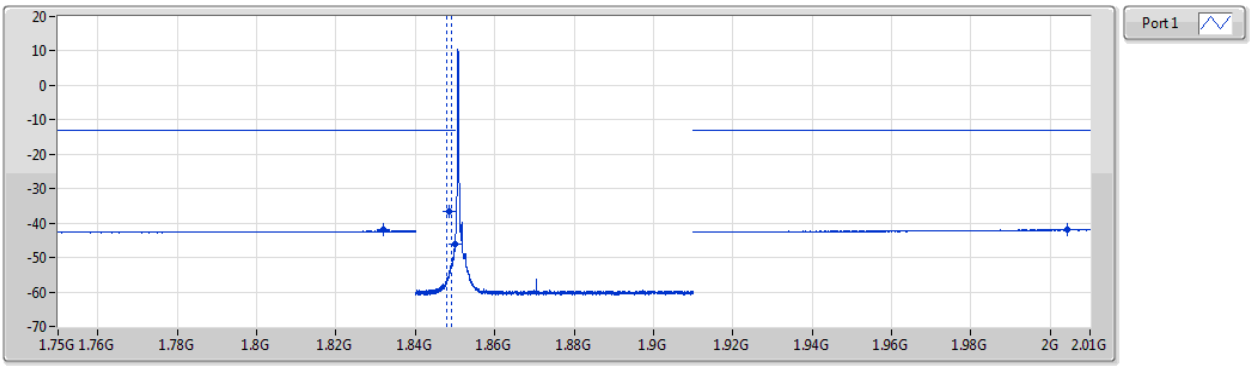
1907.5MHz_16QAM_RB 5,#RB 0,NB 3



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84675G	-42.29	-13.00	-29.29	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-34.57	-13.00	-21.57	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-30.80	-13.00	-17.80	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00483G	-41.87	-13.00	-28.87	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

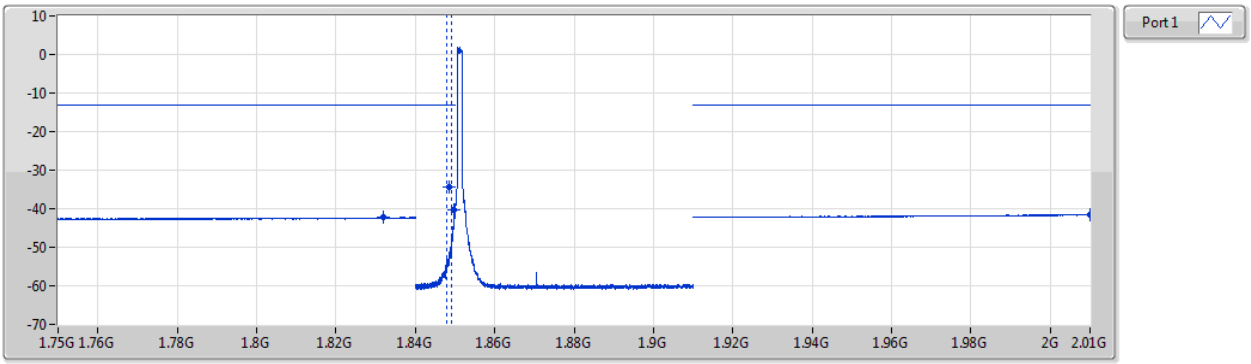
1855MHz_QPSK_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83195G	-41.81	-13.00	-28.81	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-36.70	-13.00	-23.70	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84999G	-46.02	-13.00	-33.02	1	-
1.91G	2.01G	1M	3M	RMS	2.0044G	-41.72	-13.00	-28.72	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

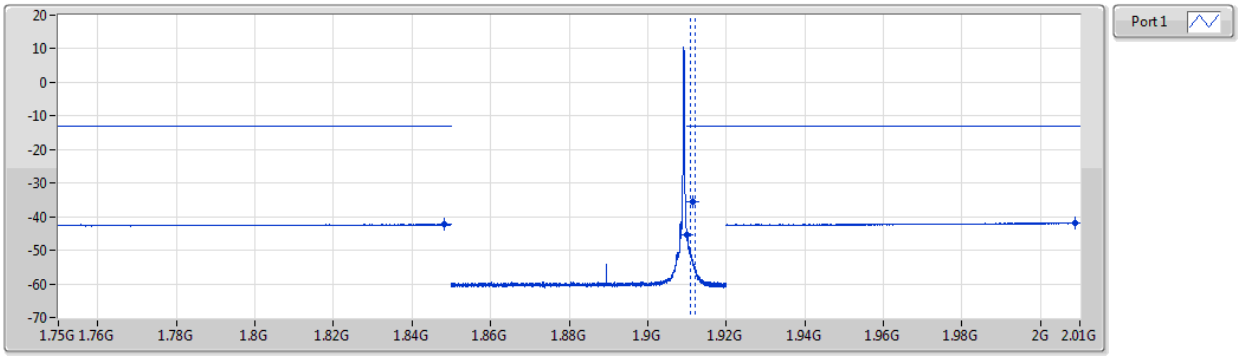
1855MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83208G	-42.15	-13.00	-29.15	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-34.52	-13.00	-21.52	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84962G	-40.31	-13.00	-27.31	1	-
1.91G	2.01G	1M	3M	RMS	2.00995G	-41.51	-13.00	-28.51	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

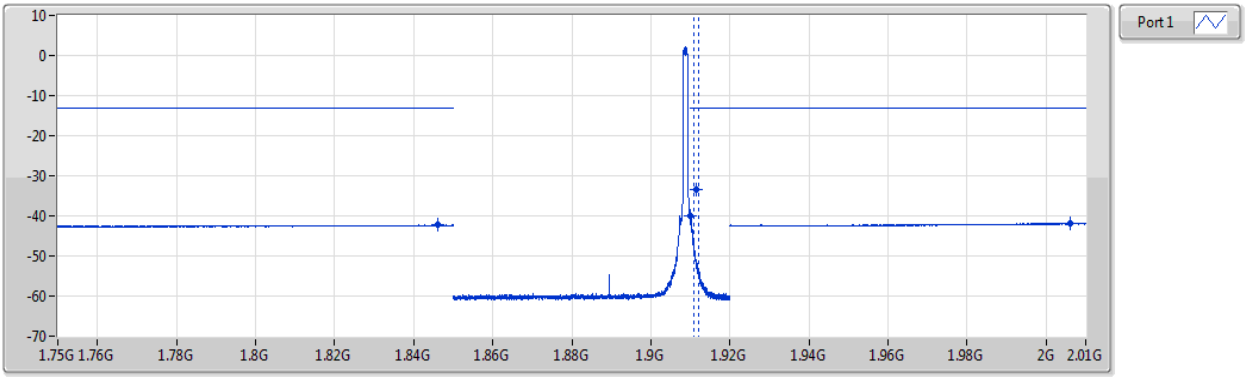
1905MHz_QPSK_RB 1,#RB 5,NB 7



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8482G	-42.28	-13.00	-29.28	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-45.42	-13.00	-32.42	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-35.49	-13.00	-22.49	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00892G	-41.80	-13.00	-28.80	1	-

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **CSE-TX-Port**

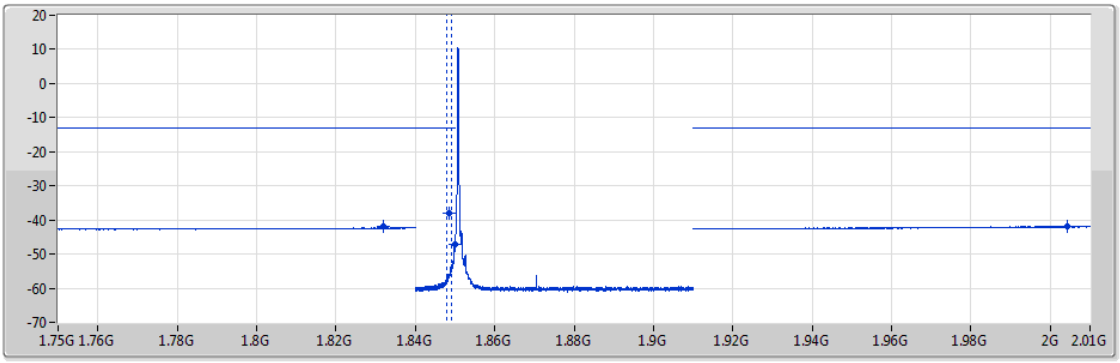
1905MHz_QPSK_RB 6,#RB 0,NB 7



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84625G	-42.30	-13.00	-29.30	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-39.89	-13.00	-26.89	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-33.35	-13.00	-20.35	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00622G	-41.86	-13.00	-28.86	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

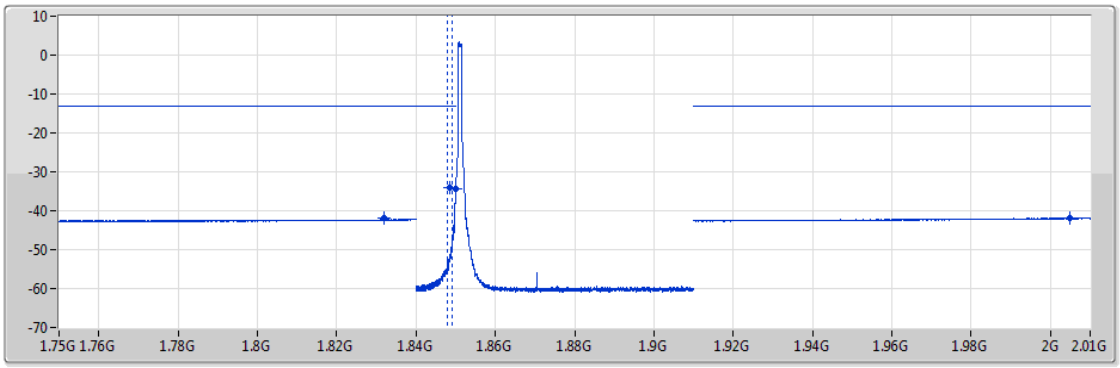
1855MHz_16QAM_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.8319G	-41.87	-13.00	-28.87	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-38.04	-13.00	-25.04	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84995G	-47.22	-13.00	-34.22	1	-
1.91G	2.01G	1M	3M	RMS	2.0042G	-41.76	-13.00	-28.76	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

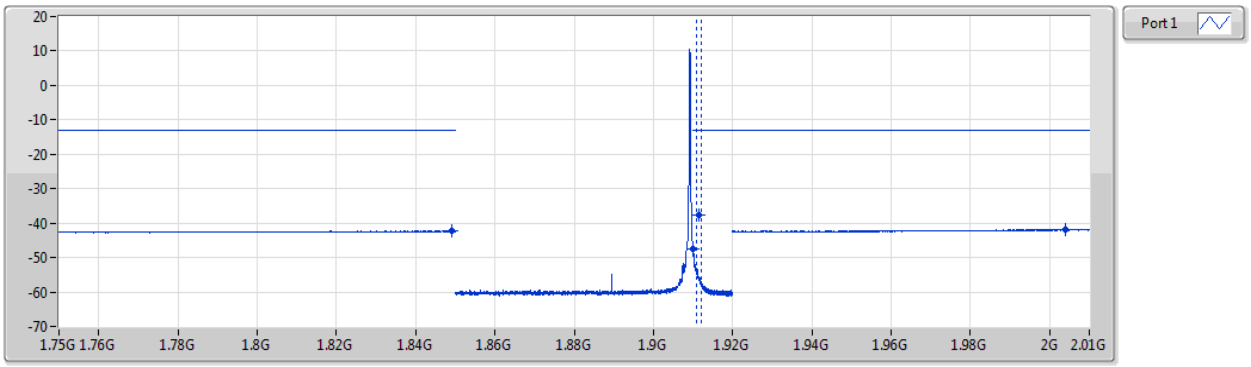
1855MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83195G	-41.93	-13.00	-28.93	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-34.21	-13.00	-21.21	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-34.53	-13.00	-21.53	1	-
1.91G	2.01G	1M	3M	RMS	2.0048G	-41.77	-13.00	-28.77	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

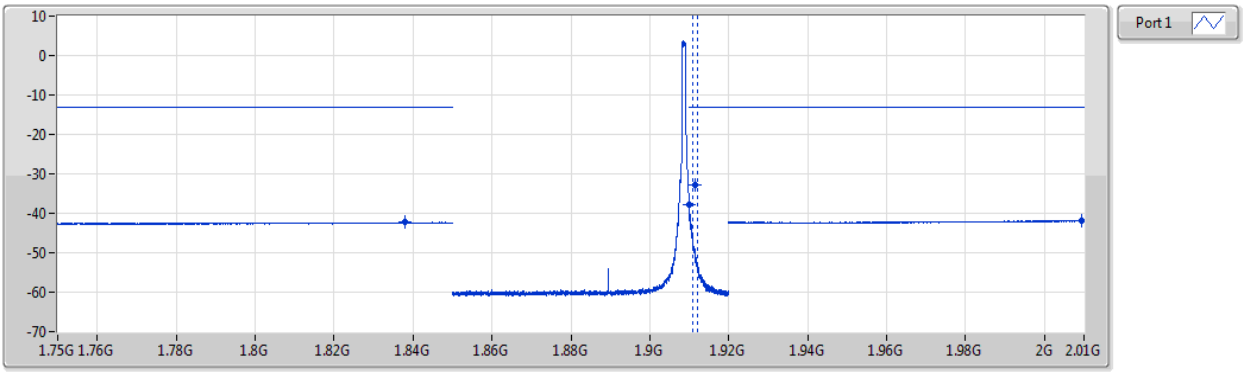
1905MHz_16QAM_RB 1,#RB 5,NB 7



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84905G	-42.30	-13.00	-29.30	1	-
1.91G	1.911G	15k	47k	RMS	1.91002G	-47.36	-13.00	-34.36	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-37.68	-13.00	-24.68	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00397G	-41.83	-13.00	-28.83	1	-

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **CSE-TX-Port**

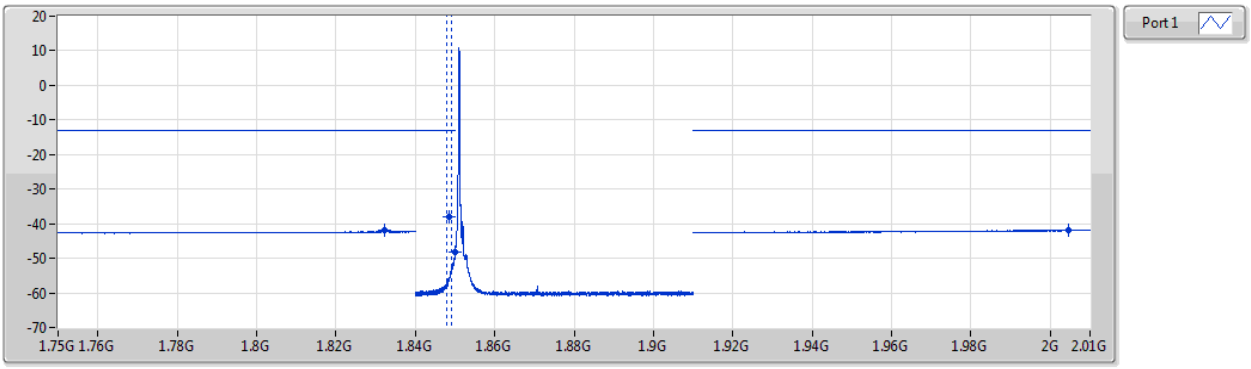
1905MHz_16QAM_RB 5,#RB 0,NB 7



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8381G	-42.31	-13.00	-29.31	1	-
1.91G	1.911G	15k	47k	RMS	1.91002G	-37.68	-13.00	-24.68	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-32.66	-13.00	-19.66	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00951G	-41.86	-13.00	-28.86	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

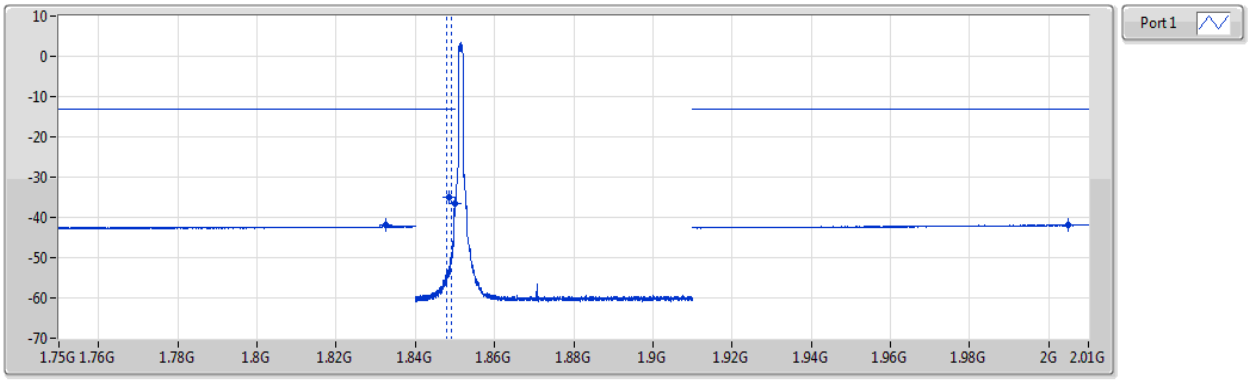
1857.5MHz_QPSK_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83235G	-41.89	-13.00	-28.89	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-37.84	-13.00	-24.84	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-48.36	-13.00	-35.36	1	-
1.91G	2.01G	1M	3M	RMS	2.00046G	-41.76	-13.00	-28.76	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

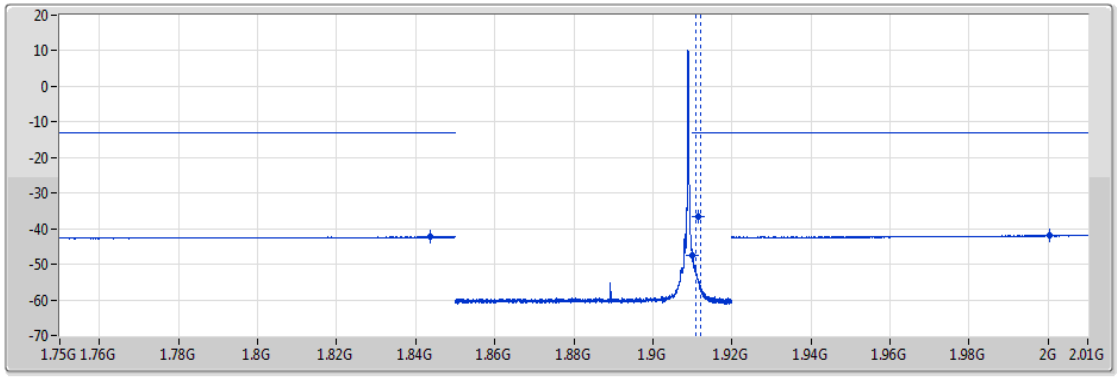
1857.5MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83244G	-41.95	-13.00	-28.95	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-35.13	-13.00	-22.13	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-36.48	-13.00	-23.48	1	-
1.91G	2.01G	1M	3M	RMS	2.00485G	-41.83	-13.00	-28.83	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

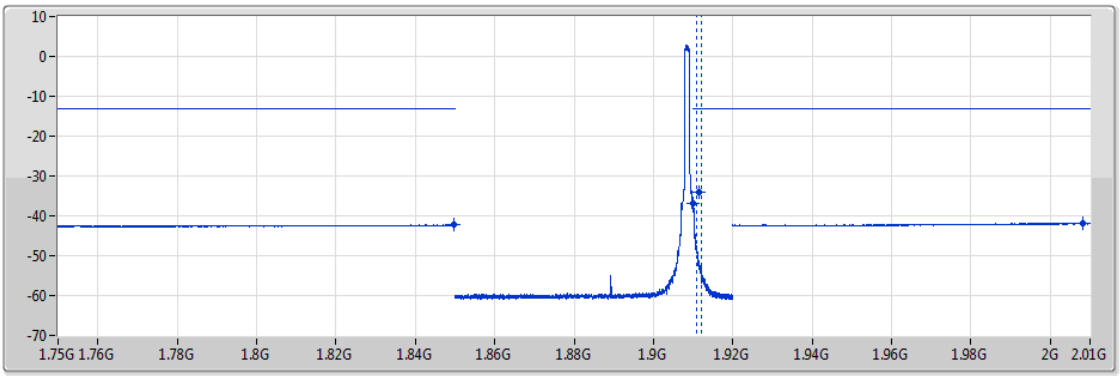
1902.5MHz_QPSK_RB 1,#RB 5,NB 11



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84355G	-42.31	-13.00	-29.31	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-47.49	-13.00	-34.49	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-36.59	-13.00	-23.59	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00028G	-41.81	-13.00	-28.81	1	-

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **CSE-TX-Port**

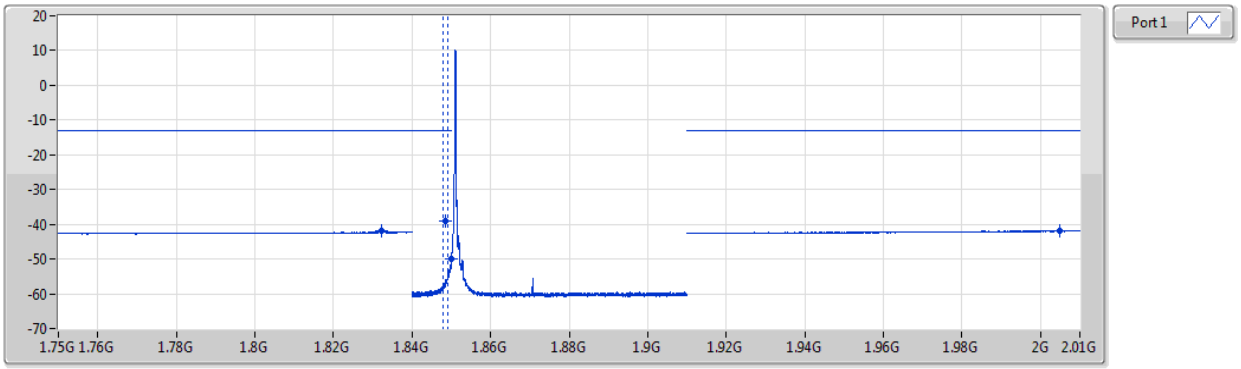
1902.5MHz_QPSK_RB 6,#RB 0,NB 11



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84965G	-42.31	-13.00	-29.31	1	-
1.91G	1.911G	15k	47k	RMS	1.91002G	-36.92	-13.00	-23.92	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-34.14	-13.00	-21.14	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00825G	-41.81	-13.00	-28.81	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

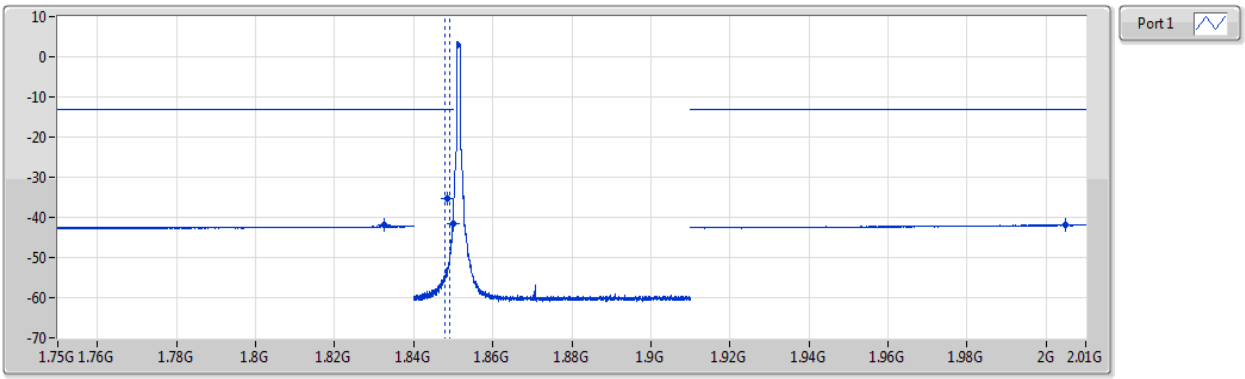
1857.5MHz_16QAM_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83231G	-41.83	-13.00	-28.83	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-39.08	-13.00	-26.08	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.85G	-49.95	-13.00	-36.95	1	-
1.91G	2.01G	1M	3M	RMS	2.00485G	-41.75	-13.00	-28.75	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

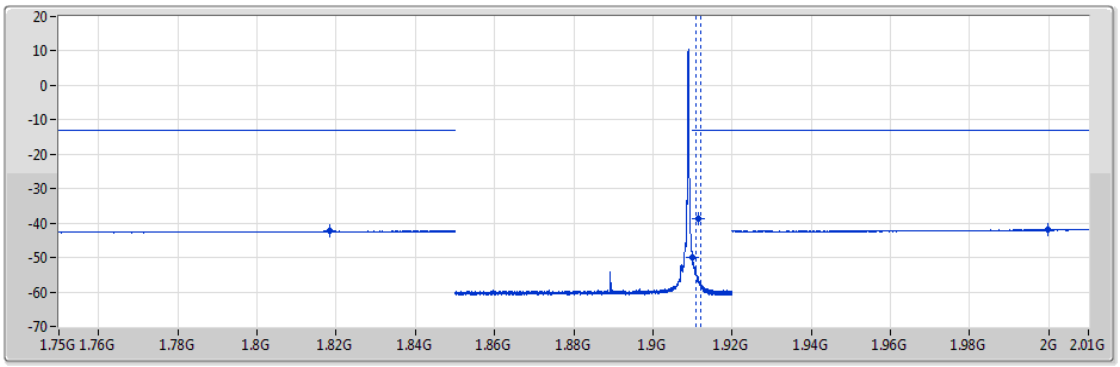
1857.5MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83253G	-41.98	-13.00	-28.98	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-35.17	-13.00	-22.17	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84989G	-41.69	-13.00	-28.69	1	-
1.91G	2.01G	1M	3M	RMS	2.00475G	-41.79	-13.00	-28.79	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

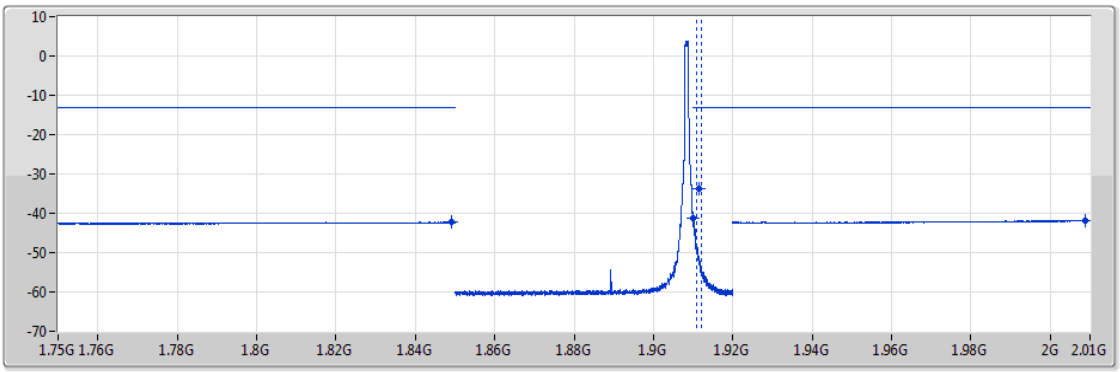
1902.5MHz_16QAM_RB 1,#RB 5,NB 11



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.81825G	-42.23	-13.00	-29.23	1	-
1.91G	1.911G	15k	47k	RMS	1.91001G	-49.84	-13.00	-36.84	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-38.61	-13.00	-25.61	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	1.99988G	-41.76	-13.00	-28.76	1	-

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **CSE-TX-Port**

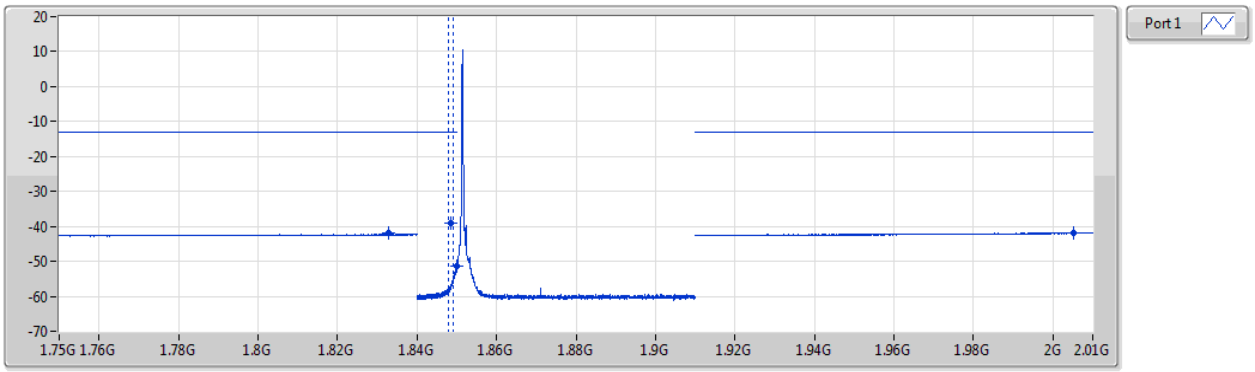
1902.5MHz_16QAM_RB 5,#RB 0,NB 11



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8491G	-42.31	-13.00	-29.31	1	-
1.91G	1.911G	15k	47k	RMS	1.91005G	-41.19	-13.00	-28.19	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-33.81	-13.00	-20.81	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00888G	-41.84	-13.00	-28.84	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

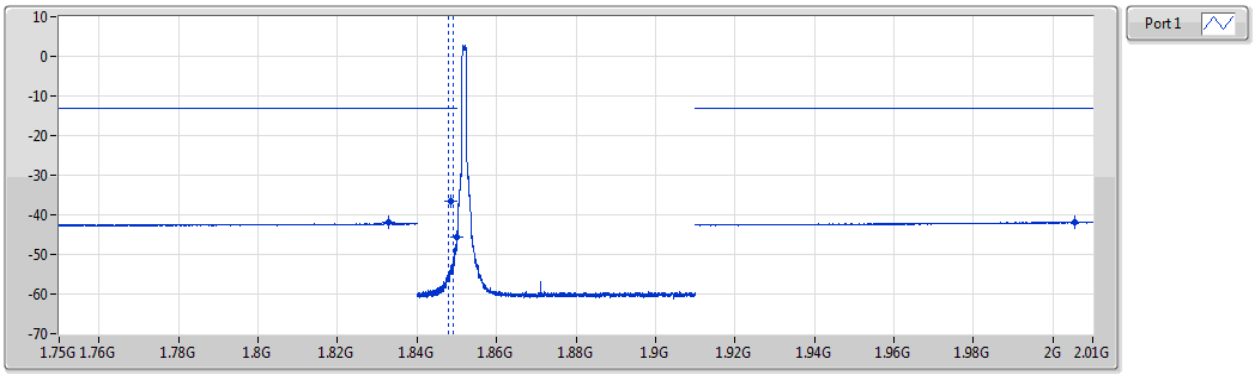
1860MHz_QPSK_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83276G	-42.00	-13.00	-29.00	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-39.08	-13.00	-26.08	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84999G	-51.50	-13.00	-38.50	1	-
1.91G	2.01G	1M	3M	RMS	2.00525G	-41.74	-13.00	-28.74	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

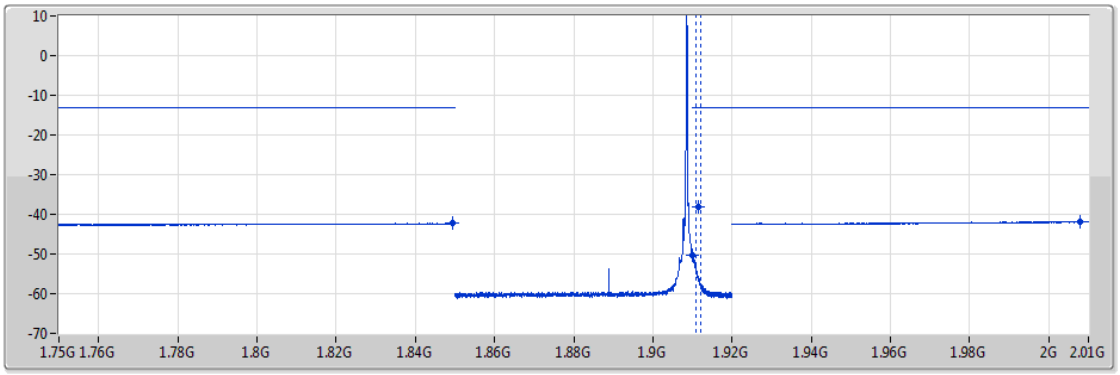
1860MHz_QPSK_RB 6,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83285G	-41.78	-13.00	-28.78	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-36.49	-13.00	-23.49	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84994G	-45.69	-13.00	-32.69	1	-
1.91G	2.01G	1M	3M	RMS	2.00545G	-41.82	-13.00	-28.82	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

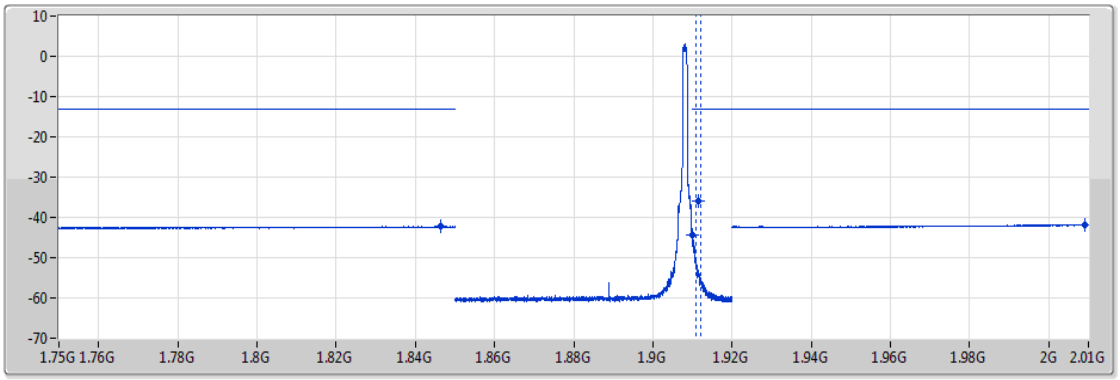
1900MHz_QPSK_RB 1,#RB 5,NB 15



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8493G	-42.28	-13.00	-29.28	1	-
1.91G	1.911G	15k	47k	RMS	1.91001G	-50.19	-13.00	-37.19	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-38.10	-13.00	-25.10	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00789G	-41.84	-13.00	-28.84	1	-

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **CSE-TX-Port**

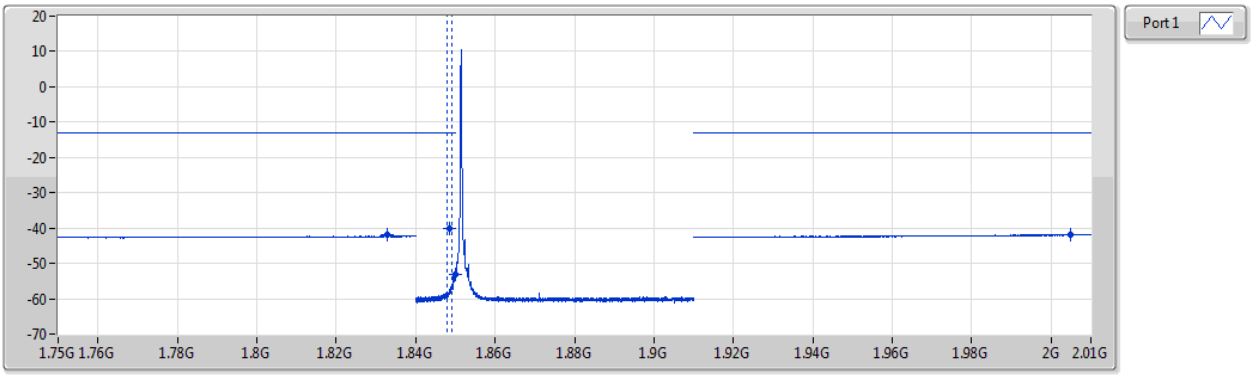
1900MHz_QPSK_RB 6,#RB 0,NB 15



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84645G	-42.24	-13.00	-29.24	1	-
1.91G	1.911G	15k	47k	RMS	1.91003G	-44.33	-13.00	-31.33	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-35.99	-13.00	-22.99	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.0091G	-41.81	-13.00	-28.81	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

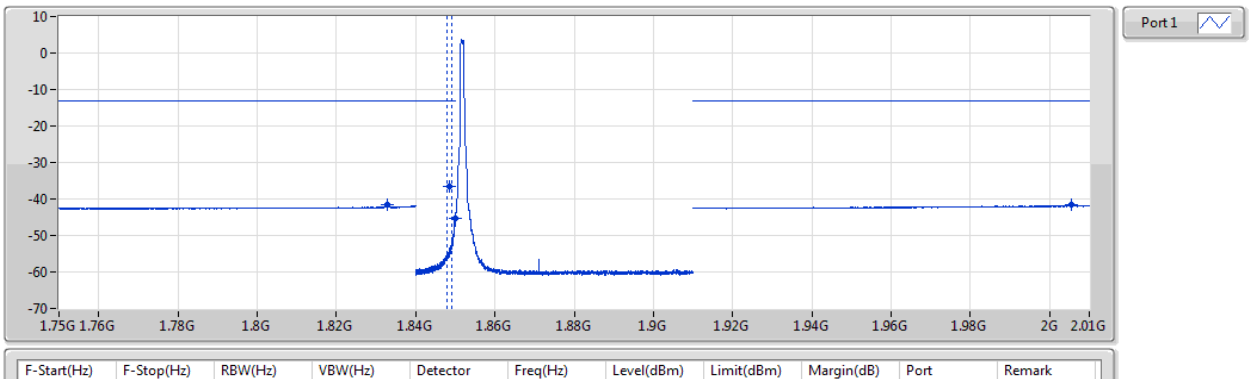
1860MHz_16QAM_RB 1,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.8328G	-41.84	-13.00	-28.84	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-40.09	-13.00	-27.09	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84999G	-53.11	-13.00	-40.11	1	-
1.91G	2.01G	1M	3M	RMS	2.0049G	-41.76	-13.00	-28.76	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

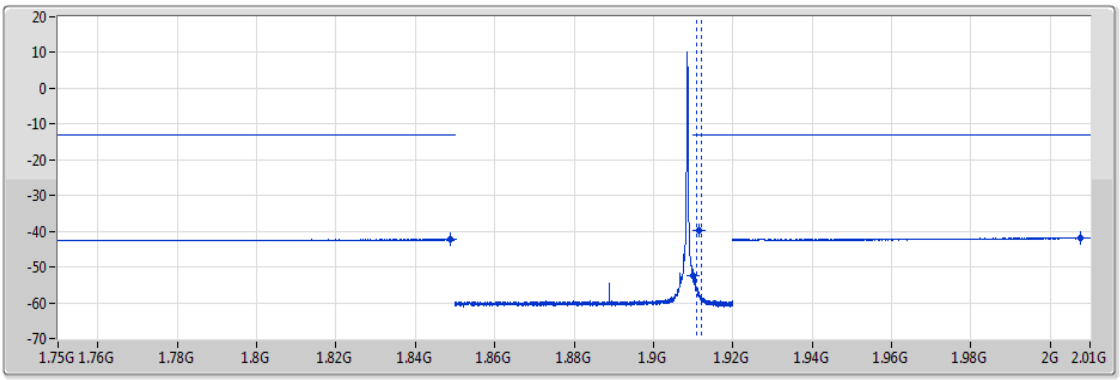
1860MHz_16QAM_RB 5,#RB 0,NB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.84G	1M	3M	RMS	1.83271G	-41.71	-13.00	-28.71	1	-
1.84G	1.849G	15k	47k	RMS	1.8485G	-36.63	-13.00	-23.63	1	MBW 1M
1.849G	1.85G	15k	47k	RMS	1.84994G	-45.30	-13.00	-32.30	1	-
1.91G	2.01G	1M	3M	RMS	2.00535G	-41.68	-13.00	-28.68	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

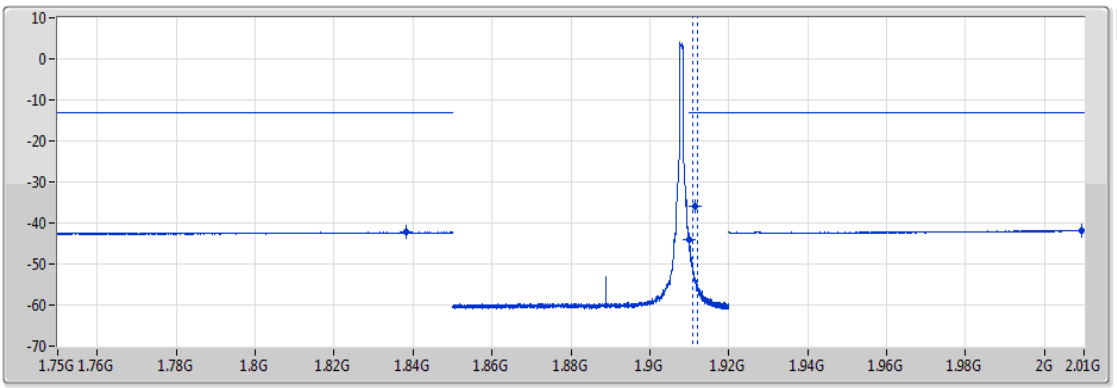
1900MHz_16QAM_RB 1,#RB 5,NB 15



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.84895G	-42.27	-13.00	-29.27	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-52.49	-13.00	-39.49	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-39.72	-13.00	-26.72	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00766G	-41.84	-13.00	-28.84	1	-

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **CSE-TX-Port**

1900MHz_16QAM_RB 5,#RB 0,NB 15



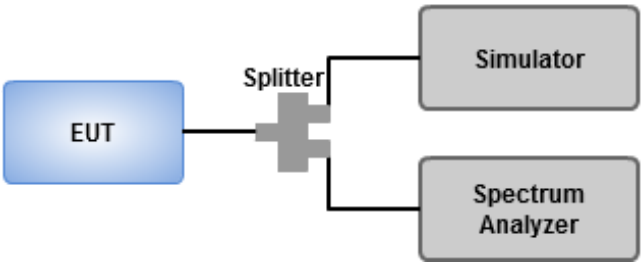
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
1.75G	1.85G	1M	3M	RMS	1.8384G	-42.29	-13.00	-29.29	1	-
1.91G	1.911G	15k	47k	RMS	1.91G	-44.17	-13.00	-31.17	1	-
1.911G	1.92G	15k	47k	RMS	1.9115G	-35.98	-13.00	-22.98	1	MBW 1M
1.92G	2.01G	1M	3M	RMS	2.00928G	-41.82	-13.00	-28.82	1	-

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-M1_1.4MHz_Nss1,QPSK_1TX	1.225M	1.08M	1M08G7D	1.22M	1.077M
LTE-M1_1.4MHz_Nss1,16QAM_1TX	1.052M	906.495k	906KW7D	1.047M	903.373k
LTE-M1_3MHz_Nss1,QPSK_1TX	1.23M	1.08M	1M08G7D	1.219M	1.075M
LTE-M1_3MHz_Nss1,16QAM_1TX	1.058M	911.964k	912KW7D	1.043M	908.746k
LTE-M1_5MHz_Nss1,QPSK_1TX	1.263M	1.087M	1M09G7D	1.25M	1.085M
LTE-M1_5MHz_Nss1,16QAM_1TX	1.119M	915.508k	916KW7D	1.081M	909.368k
LTE-M1_10MHz_Nss1,QPSK_1TX	1.25M	1.093M	1M09G7D	1.225M	1.089M
LTE-M1_10MHz_Nss1,16QAM_1TX	1.138M	922.446k	922KW7D	1.088M	917.81k
LTE-M1_15MHz_Nss1,QPSK_1TX	1.294M	1.103M	1M10G7D	1.238M	1.096M
LTE-M1_15MHz_Nss1,16QAM_1TX	1.125M	922.923k	923KW7D	1.088M	922.616k
LTE-M1_20MHz_Nss1,QPSK_1TX	1.25M	1.109M	1M11G7D	1.25M	1.103M
LTE-M1_20MHz_Nss1,16QAM_1TX	1.175M	935.307k	935KW7D	1.1M	929.722k

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

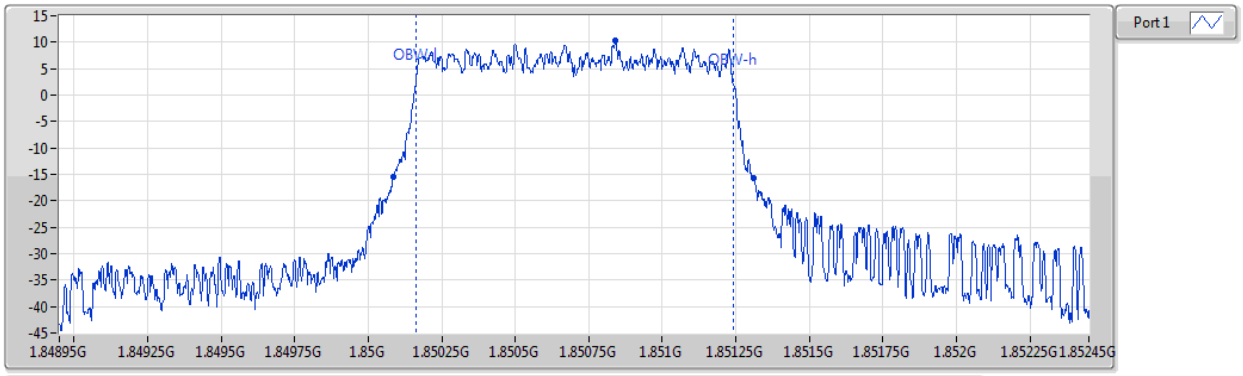
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 2_LTE-M1_1.4MHz_Nss1_1TX	-	-	-	-
1850.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.225M	1.077M
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.222M	1.077M
1909.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.22M	1.08M
1850.7MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.052M	904.61k
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.052M	906.495k
1909.3MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.047M	903.373k
Band 2_LTE-M1_3MHz_Nss1_1TX	-	-	-	-
1851.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.223M	1.075M
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.23M	1.08M
1908.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	Inf	1.219M	1.075M
1851.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.054M	911.964k
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.043M	908.746k
1908.5MHz_16QAM_RB 5,#RB 0,NB 1	Pass	Inf	1.058M	909.77k
Band 2_LTE-M1_5MHz_Nss1_1TX	-	-	-	-
1852.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.263M	1.087M
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.25M	1.086M
1907.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	Inf	1.256M	1.085M
1852.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.119M	909.368k
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.081M	913.152k
1907.5MHz_16QAM_RB 5,#RB 0,NB 3	Pass	Inf	1.106M	915.508k
Band 2_LTE-M1_10MHz_Nss1_1TX	-	-	-	-
1855MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.225M	1.089M
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.225M	1.093M
1905MHz_QPSK_RB 6,#RB 0,NB 7	Pass	Inf	1.25M	1.093M
1855MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.138M	919.145k
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.138M	922.446k
1905MHz_16QAM_RB 5,#RB 0,NB 7	Pass	Inf	1.088M	917.81k
Band 2_LTE-M1_15MHz_Nss1_1TX	-	-	-	-
1857.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.275M	1.103M
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.294M	1.103M
1902.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	Inf	1.238M	1.096M
1857.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.088M	922.923k
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.088M	922.906k
1902.5MHz_16QAM_RB 5,#RB 0,NB 11	Pass	Inf	1.125M	922.616k

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 2_LTE-M1_20MHz_Nss1_1TX	-	-	-	-
1860MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.25M	1.104M
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	Inf	1.25M	1.109M
1900MHz_QPSK_RB 6,#RB 0,NB 15	Pass	Inf	1.25M	1.103M
1860MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.1M	935.307k
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	Inf	1.175M	934.576k
1900MHz_16QAM_RB 5,#RB 0,NB 15	Pass	Inf	1.125M	929.722k

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

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **EBW**

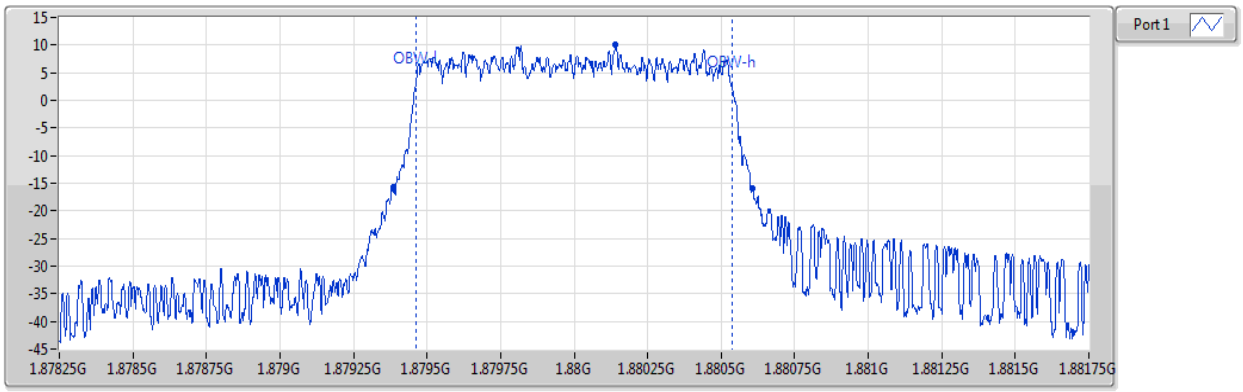
1850.7MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.225M	1.850084G	1.851309G	1.077M	1.850164G	1.851241G	1	1.8507G	3.5M	15k	47k

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **EBW**

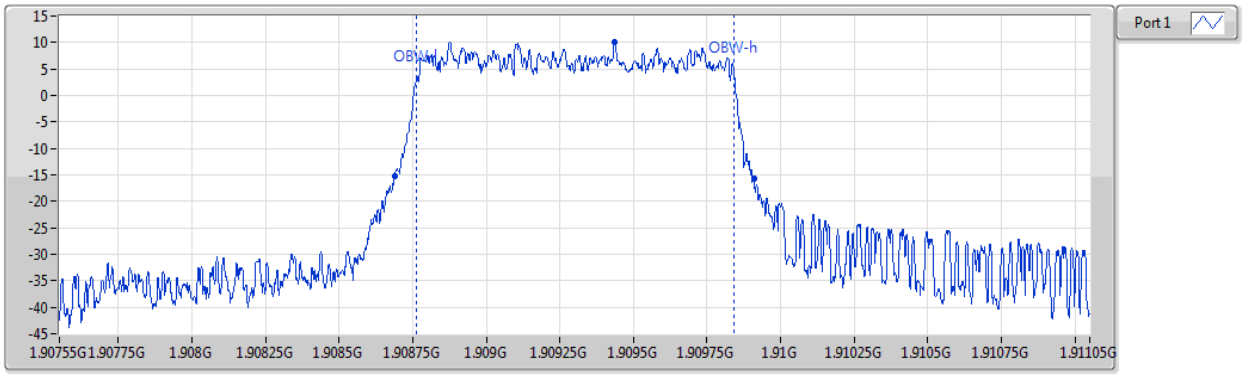
1880MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.222M	1.879386G	1.880607G	1.077M	1.879462G	1.880539G	1	1.88G	3.5M	15k	47k

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **EBW**

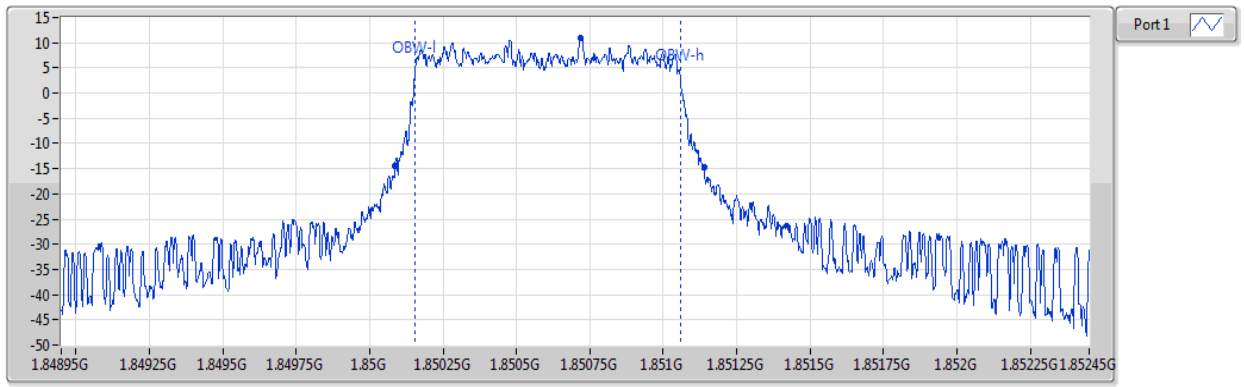
1909.3MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.22M	1.908689G	1.909909G	1.08M	1.908762G	1.909842G	1	1.9093G	3.5M	15k	47k

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **EBW**

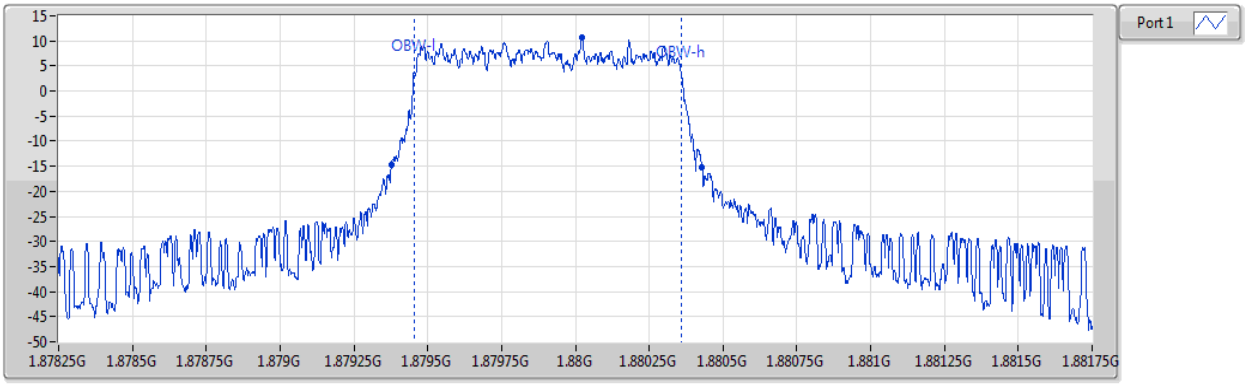
1850.7MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.052M	1.850088G	1.851139G	904.61k	1.850155G	1.851059G	1	1.8507G	3.5M	15k	47k

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **EBW**

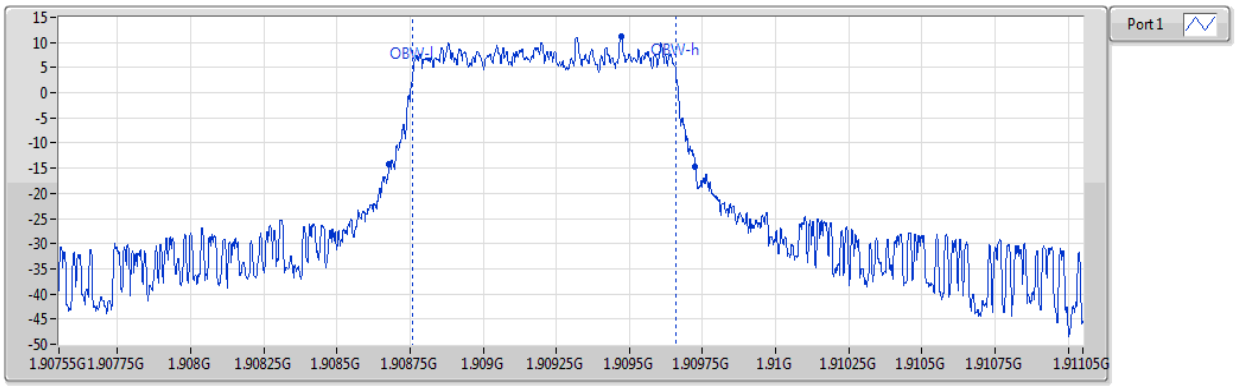
1880MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.052M	1.879377G	1.880429G	906.495k	1.879454G	1.880361G	1	1.88G	3.5M	15k	47k

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **EBW**

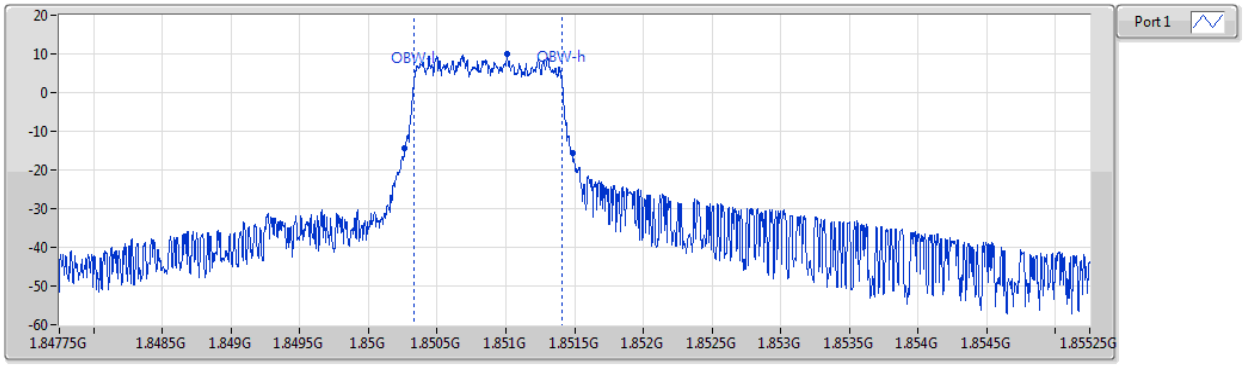
1909.3MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.047M	1.908679G	1.909725G	903.373k	1.908757G	1.90966G	1	1.9093G	3.5M	15k	47k

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **EBW**

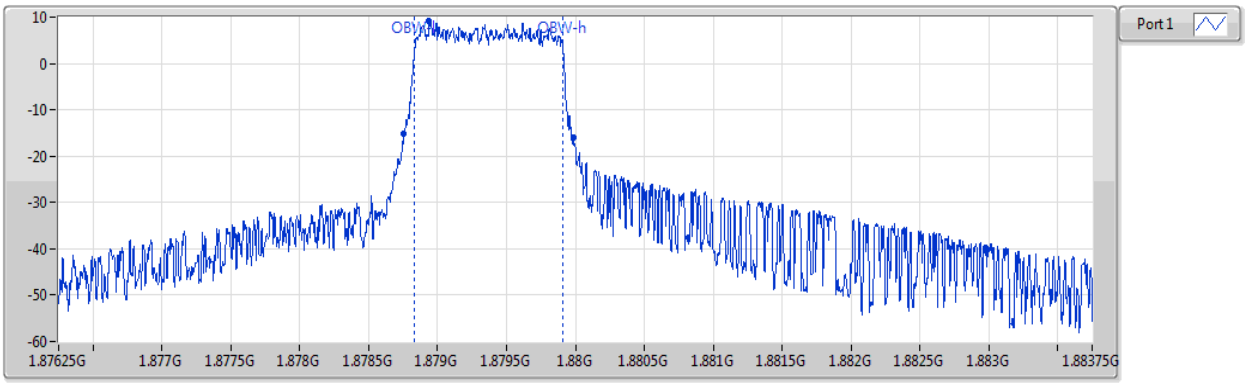
1851.5MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.223M	1.850263G	1.851485G	1.075M	1.850332G	1.851408G	1	1.8515G	7.5M	15k	47k

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **EBW**

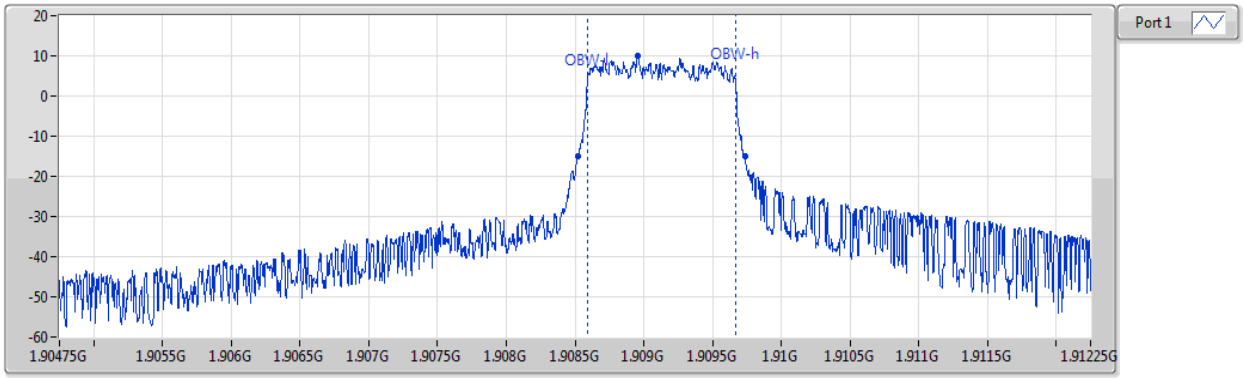
1880MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.23M	1.878755G	1.879985G	1.08M	1.878831G	1.879912G	1	1.88G	7.5M	15k	47k

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **EBW**

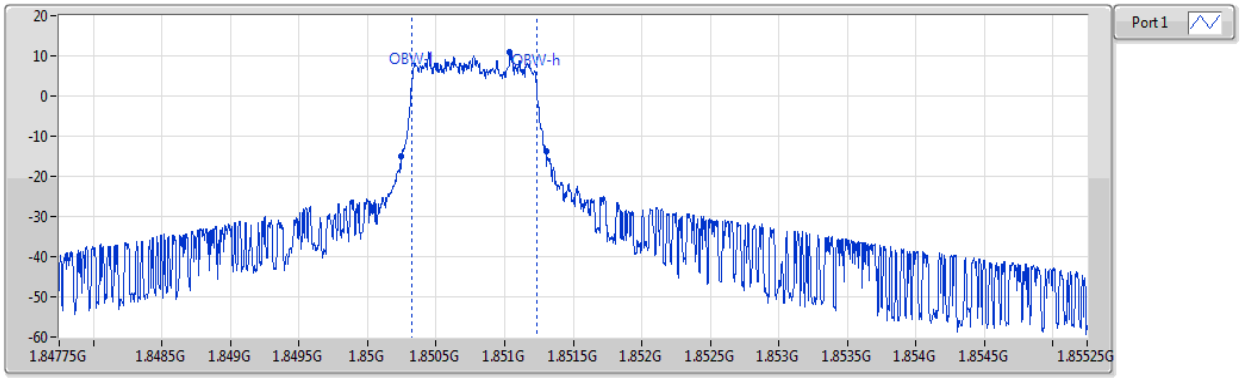
1908.5MHz_QPSK_RB 6,#RB 0,NB 1



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.219M	1.908519G	1.909738G	1.075M	1.908592G	1.909667G	1	1.9085G	7.5M	15k	47k

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **EBW**

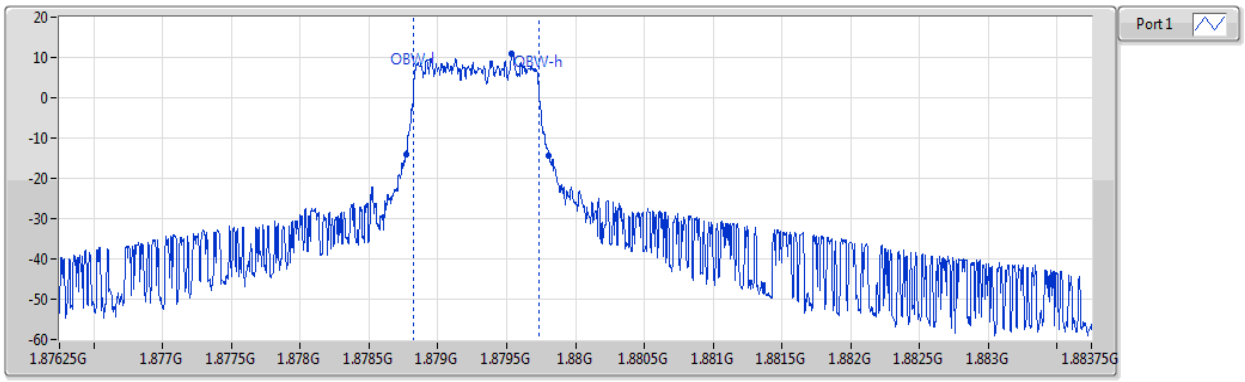
1851.5MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.054M	1.850248G	1.851301G	911.964k	1.850321G	1.851233G	1	1.8515G	7.5M	15k	47k

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **EBW**

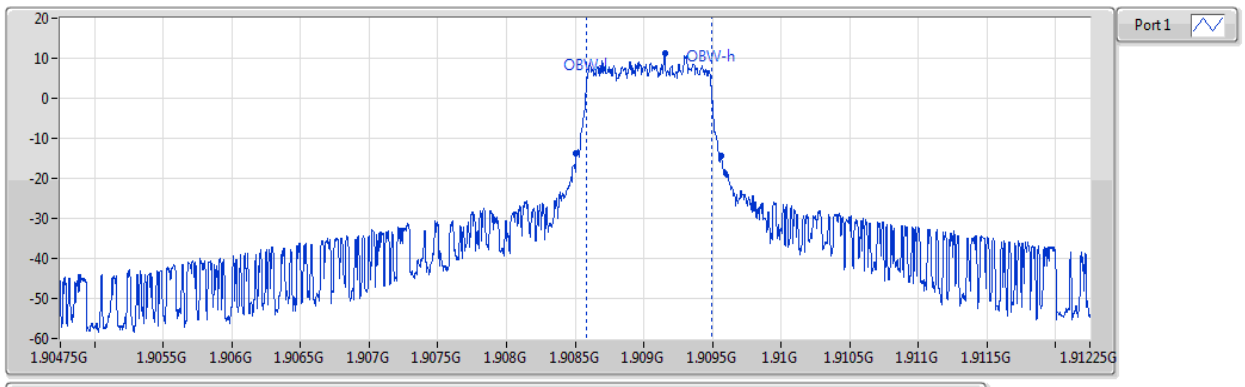
1880MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.043M	1.878766G	1.879809G	908.746k	1.878824G	1.879733G	1	1.88G	7.5M	15k	47k

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **EBW**

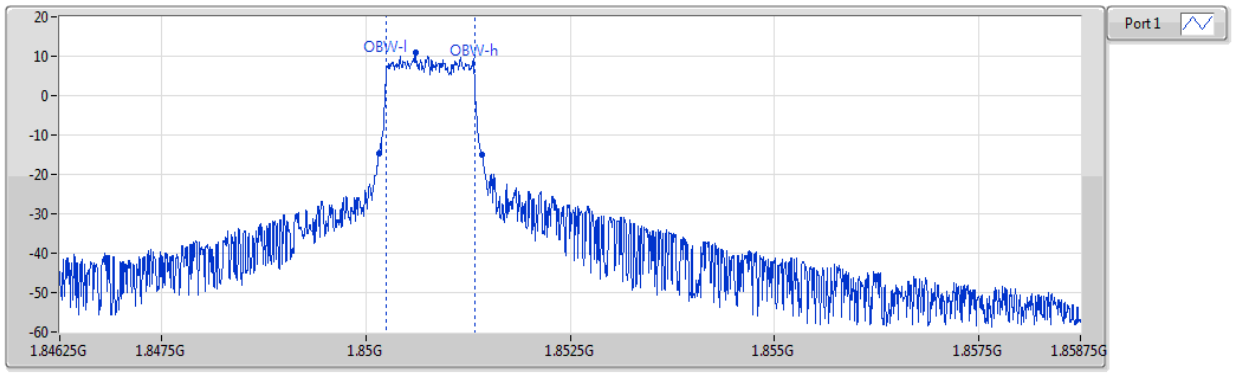
1908.5MHz_16QAM_RB 5,#RB 0,NB 1



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.058M	1.908508G	1.909565G	909.77k	1.908581G	1.909491G	1	1.9085G	7.5M	15k	47k

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **EBW**

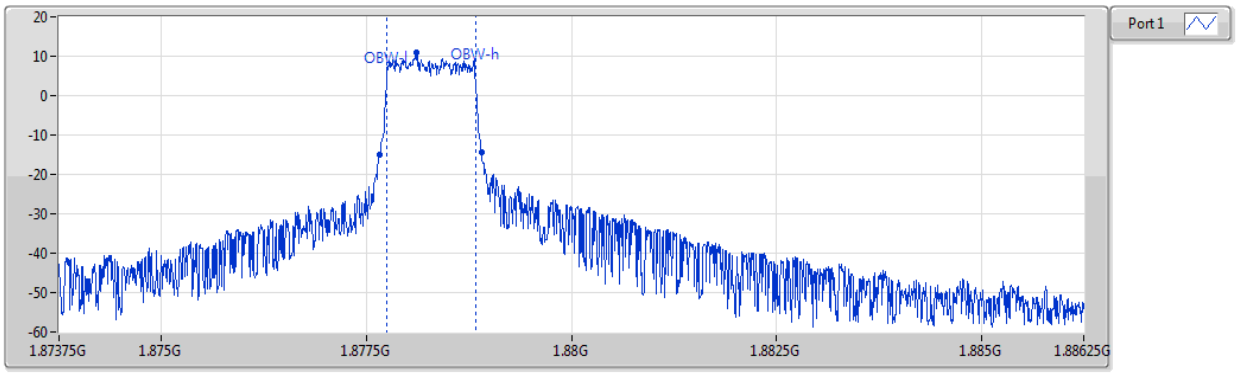
1852.5MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.263M	1.850156G	1.851419G	1.087M	1.850244G	1.851331G	1	1.8525G	12.5M	15k	47k

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **EBW**

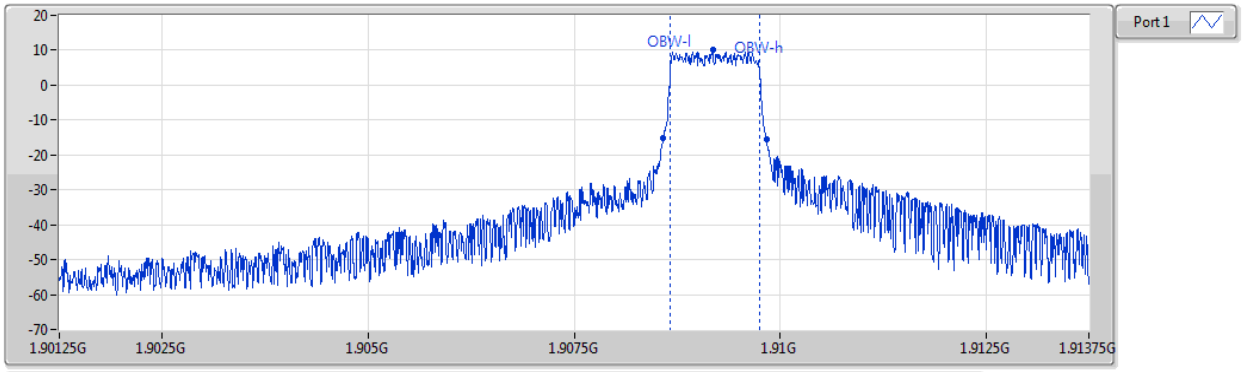
1880MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.25M	1.877656G	1.878906G	1.086M	1.877746G	1.878832G	1	1.88G	12.5M	15k	47k

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **EBW**

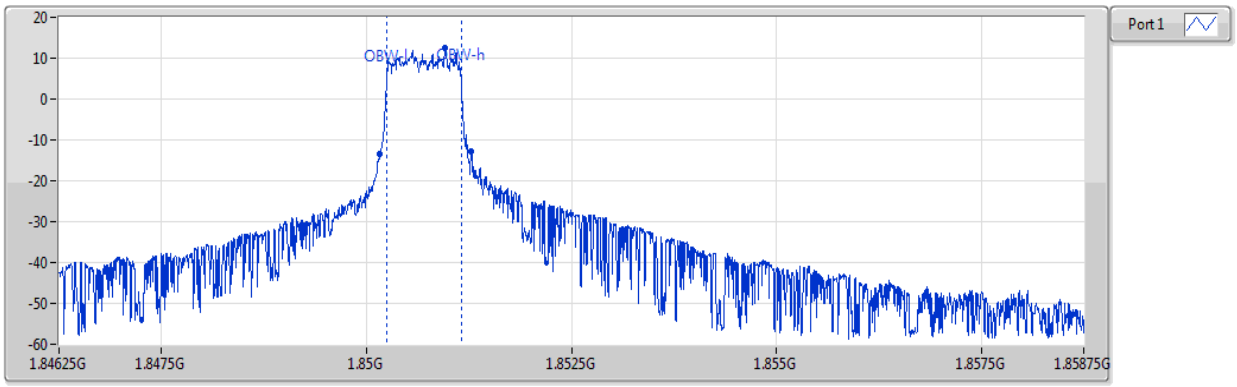
1907.5MHz_QPSK_RB 6,#RB 0,NB 3



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.256M	1.908581G	1.909838G	1.085M	1.908668G	1.909754G	1	1.9075G	12.5M	15k	47k

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **EBW**

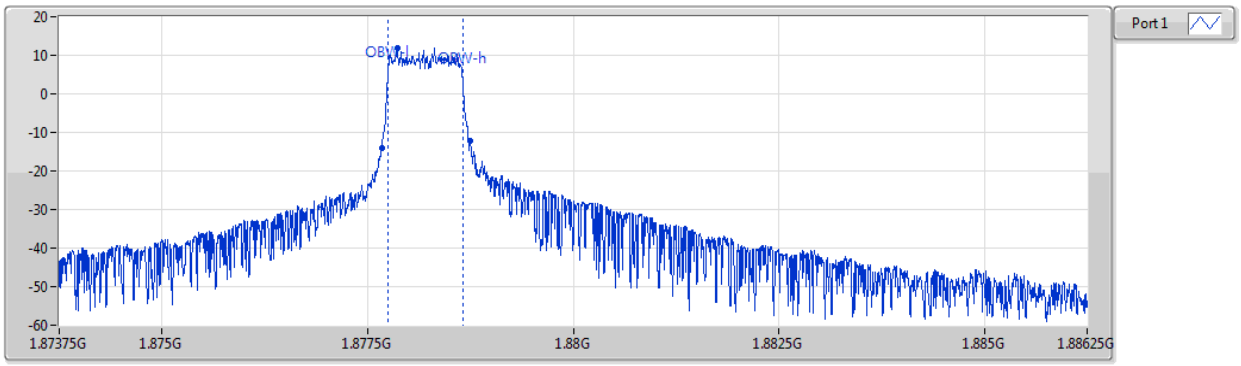
1852.5MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.119M	1.850163G	1.851281G	909.368k	1.850247G	1.851157G	1	1.8525G	12.5M	15k	47k

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **EBW**

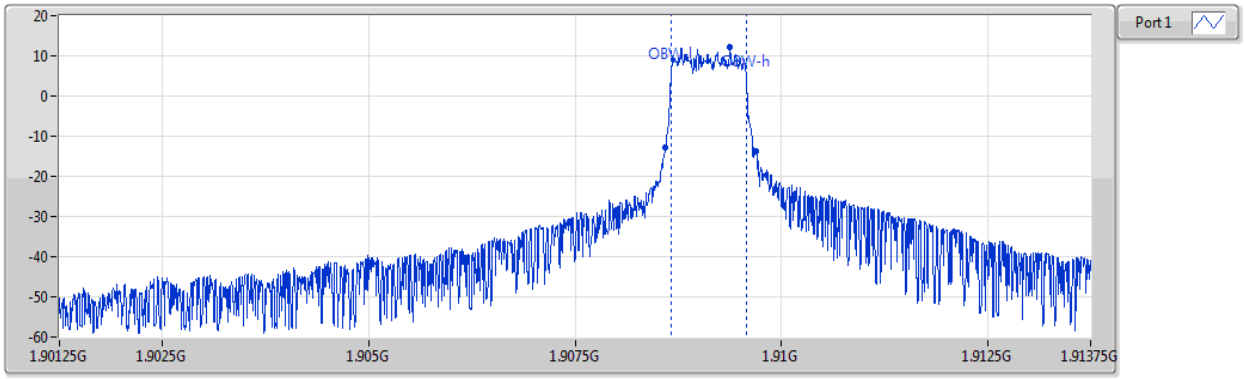
1880MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.081M	1.877669G	1.87875G	913.152k	1.877744G	1.878657G	1	1.88G	12.5M	15k	47k

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **EBW**

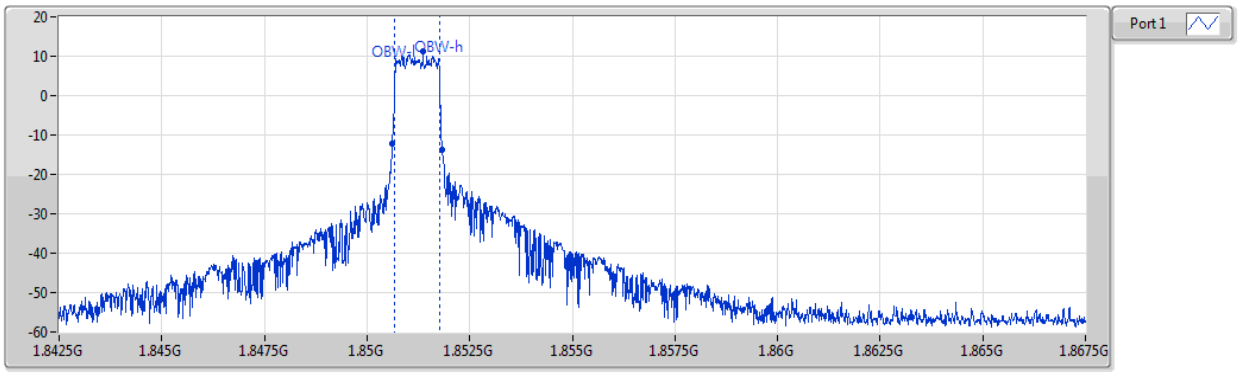
1907.5MHz_16QAM_RB 5,#RB 0,NB 3



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.106M	1.908594G	1.9097G	915.508k	1.908663G	1.909578G	1	1.9075G	12.5M	15k	47k

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **EBW**

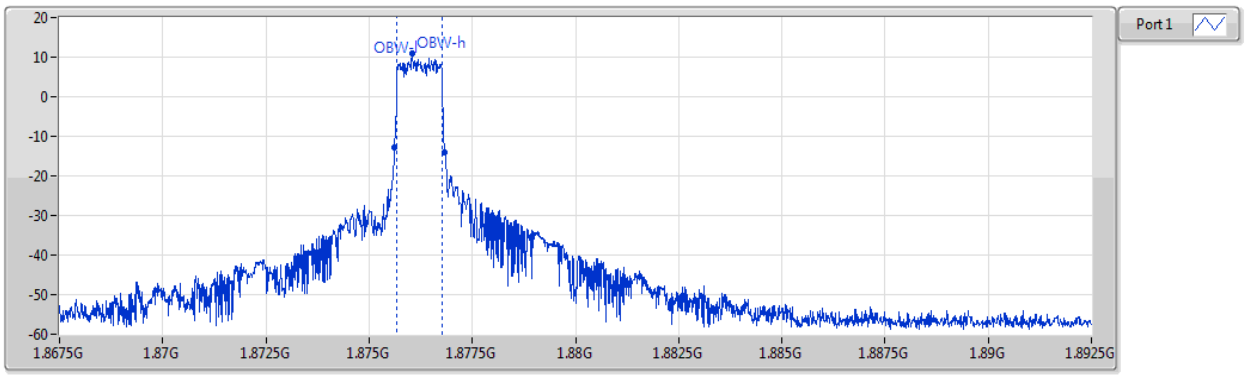
1855MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.225M	1.850613G	1.851838G	1.089M	1.850677G	1.851766G	1	1.855G	25M	15k	47k

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **EBW**

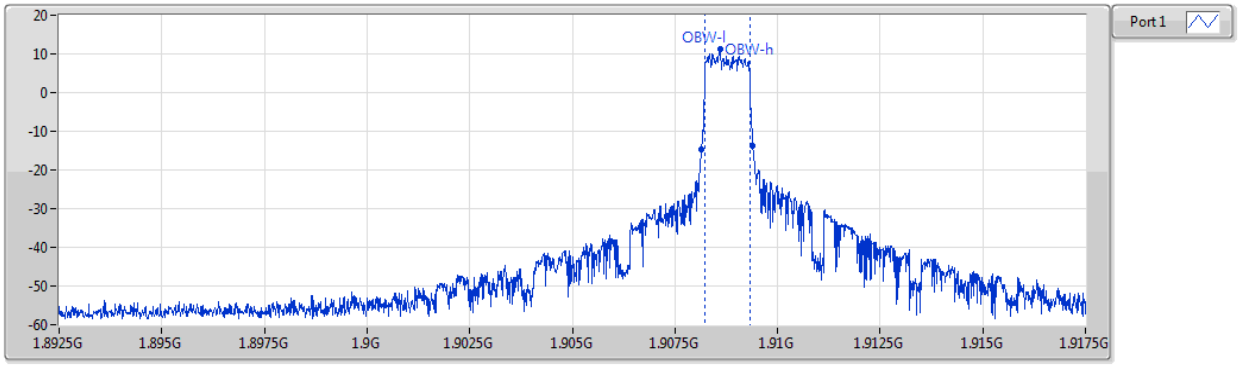
1880MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.225M	1.875613G	1.876838G	1.093M	1.875674G	1.876767G	1	1.88G	25M	15k	47k

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **EBW**

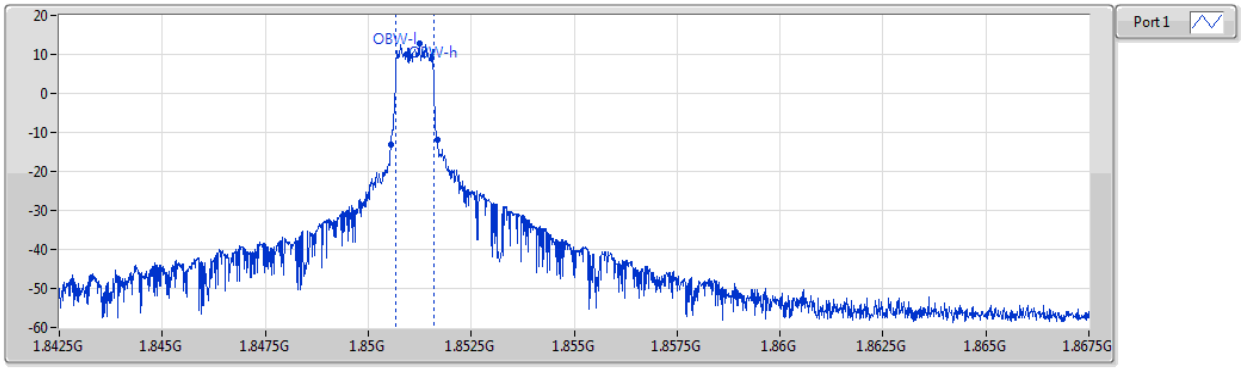
1905MHz_QPSK_RB 6,#RB 0,NB 7



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.25M	1.90815G	1.9094G	1.093M	1.908232G	1.909325G	1	1.905G	25M	15k	47k

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **EBW**

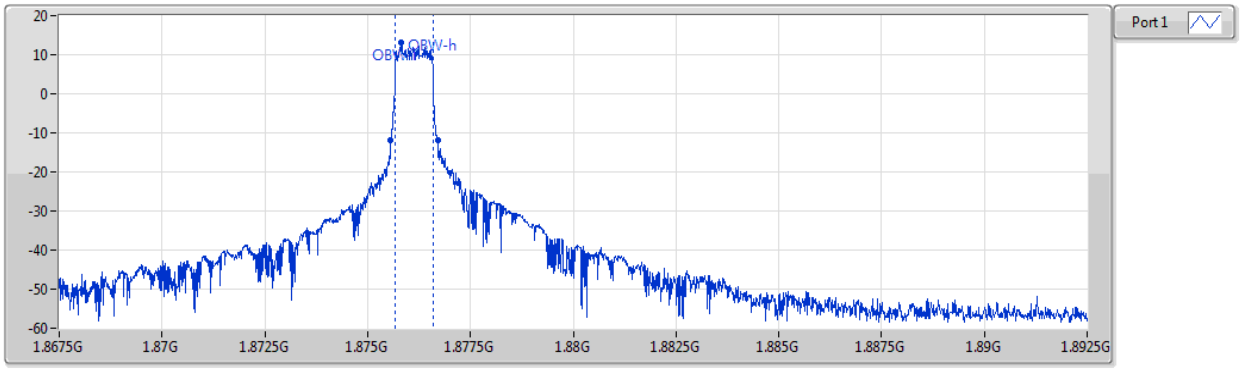
1855MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.138M	1.85055G	1.851688G	919.145k	1.850669G	1.851588G	1	1.855G	25M	15k	47k

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **EBW**

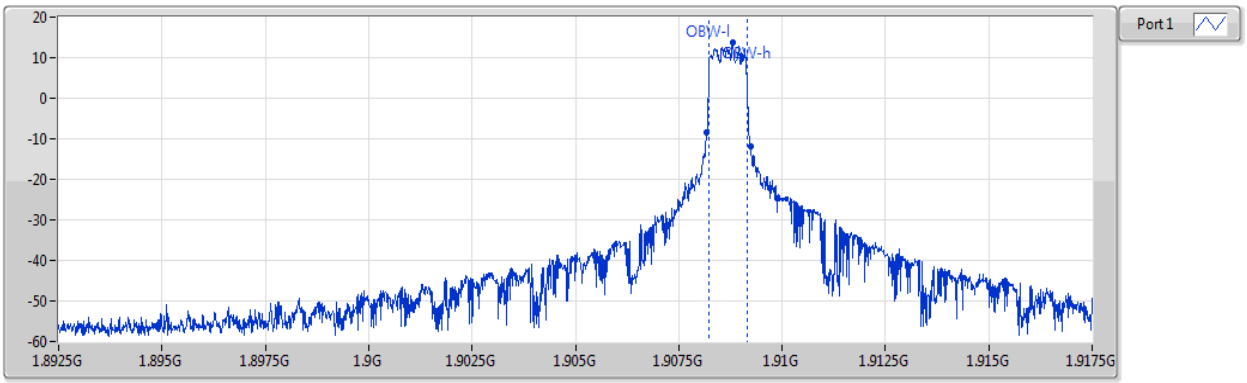
1880MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.138M	1.875563G	1.8767G	922.446k	1.875668G	1.87659G	1	1.88G	25M	15k	47k

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **EBW**

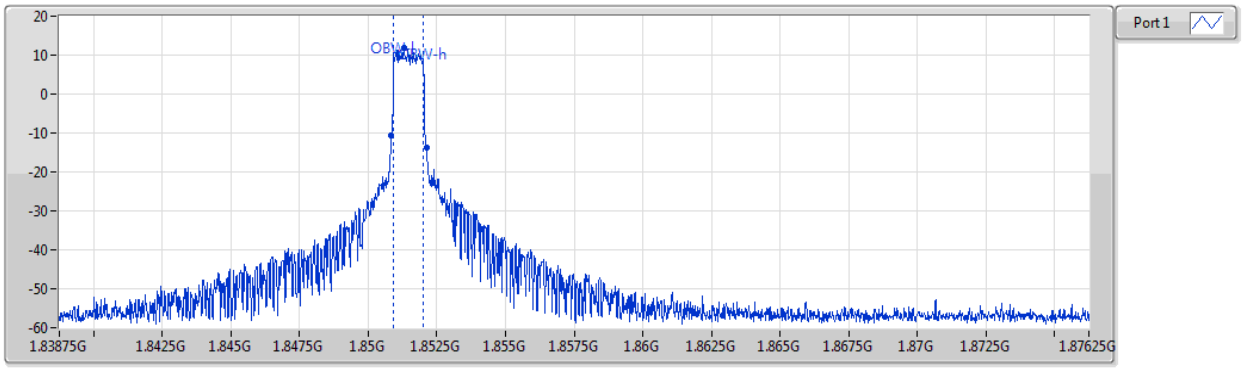
1905MHz_16QAM_RB 5,#RB 0,NB 7



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.088M	1.908163G	1.90925G	917.81k	1.908232G	1.90915G	1	1.905G	25M	15k	47k

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **EBW**

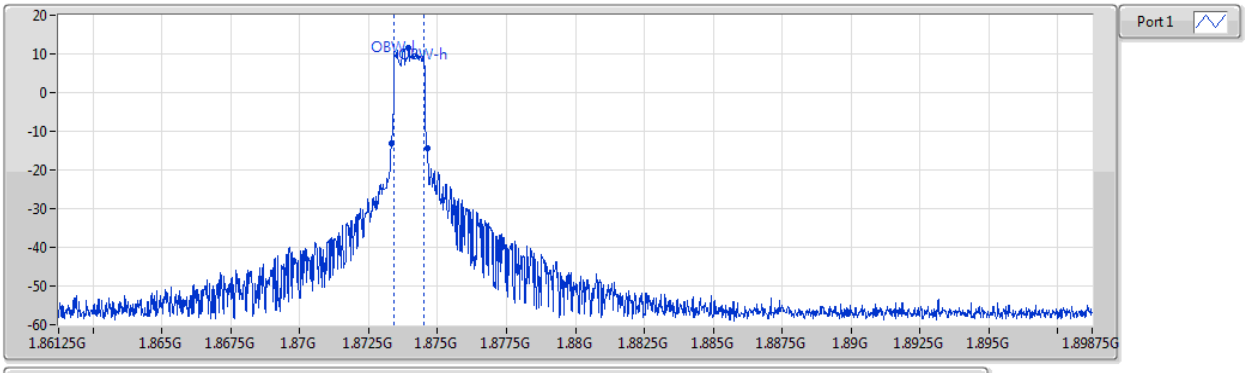
1857.5MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.275M	1.850844G	1.852119G	1.103M	1.850918G	1.852021G	1	1.8575G	37.5M	15k	47k

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **EBW**

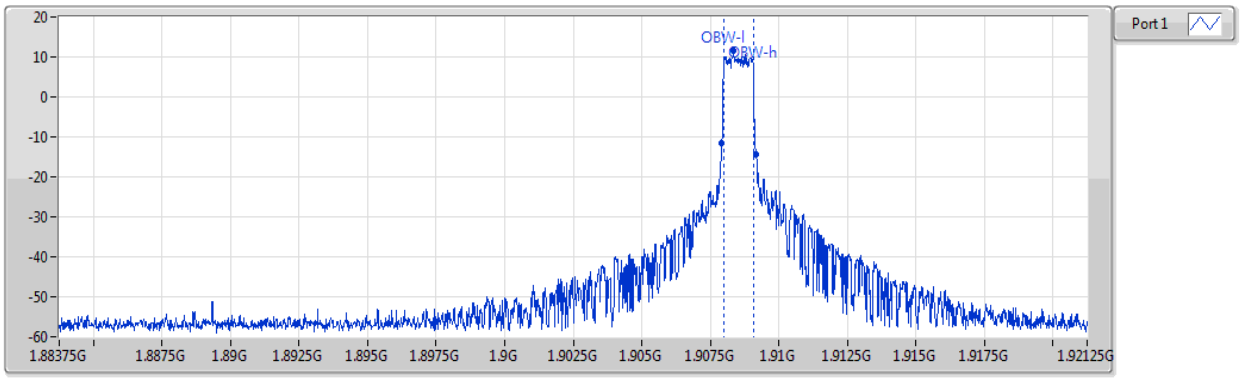
1880MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.294M	1.873325G	1.874619G	1.103M	1.873417G	1.87452G	1	1.88G	37.5M	15k	47k

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **EBW**

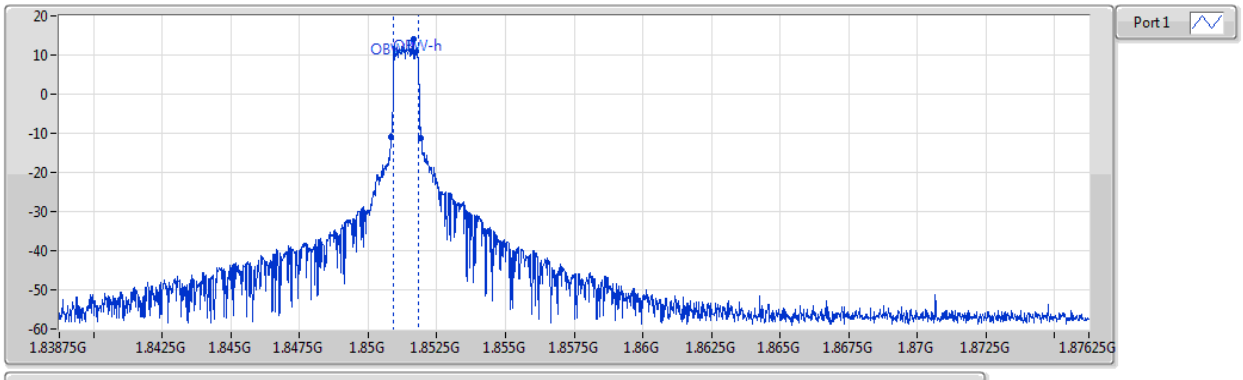
1902.5MHz_QPSK_RB 6,#RB 0,NB 11



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.238M	1.907919G	1.909156G	1.096M	1.907986G	1.909082G	1	1.9025G	37.5M	15k	47k

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **EBW**

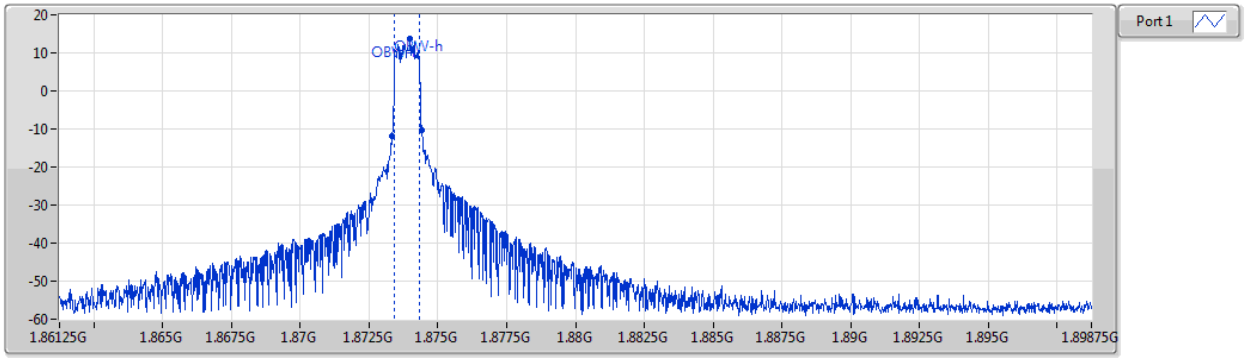
1857.5MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.088M	1.850844G	1.851931G	922.923k	1.850919G	1.851842G	1	1.8575G	37.5M	15k	47k

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **EBW**

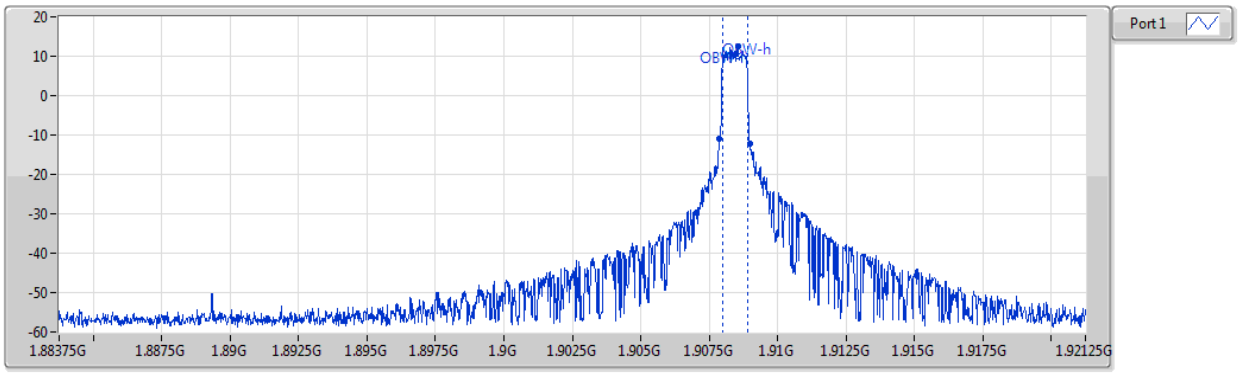
1880MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.088M	1.873344G	1.874431G	922.906k	1.87342G	1.874343G	1	1.88G	37.5M	15k	47k

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **EBW**

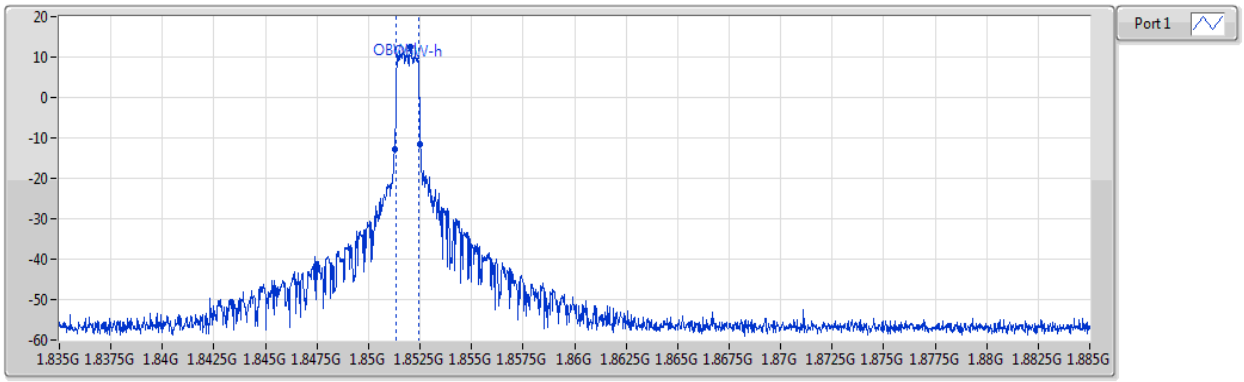
1902.5MHz_16QAM_RB 5,#RB 0,NB 11



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.125M	1.907863G	1.908988G	922.616k	1.907976G	1.908898G	1	1.9025G	37.5M	15k	47k

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **EBW**

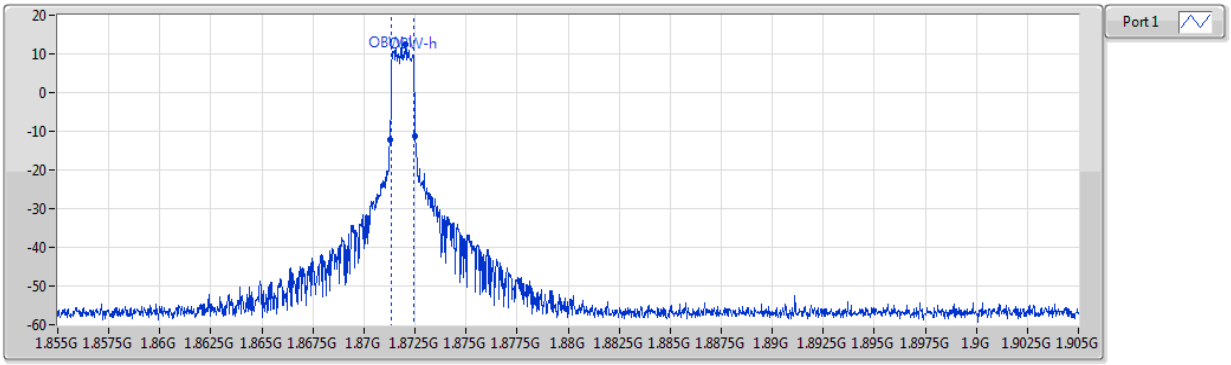
1860MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.25M	1.851275G	1.852525G	1.104M	1.851349G	1.852452G	1	1.86G	50M	15k	47k

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **EBW**

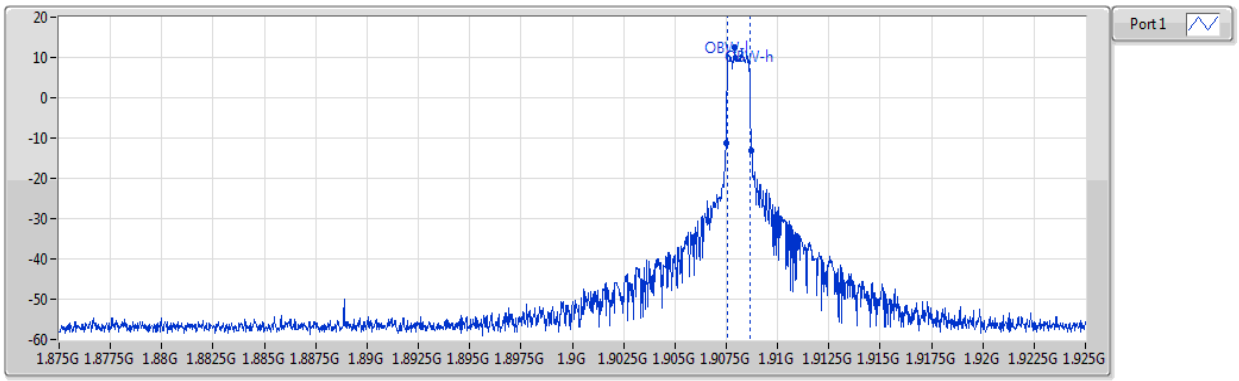
1880MHz_QPSK_RB 6,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.25M	1.871275G	1.872525G	1.109M	1.871345G	1.872454G	1	1.88G	50M	15k	47k

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **EBW**

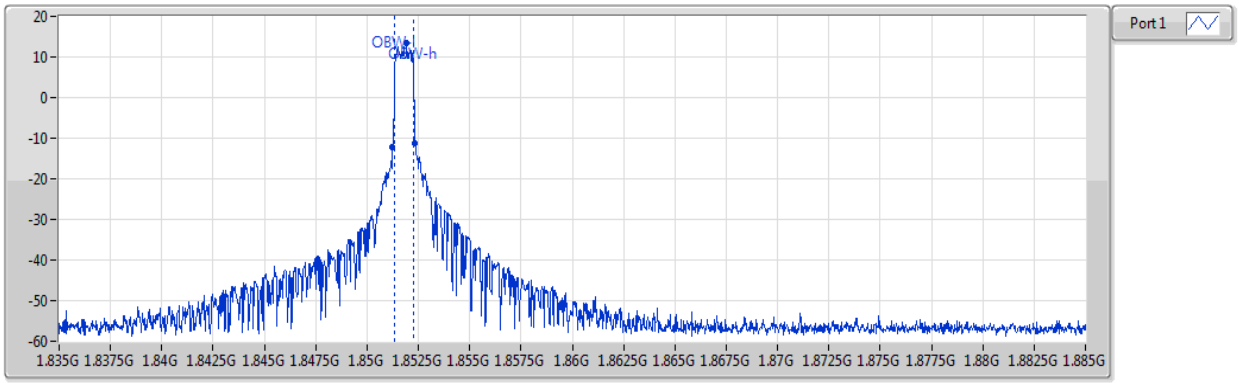
1900MHz_QPSK_RB 6,#RB 0,NB 15



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.25M	1.907475G	1.908725G	1.103M	1.907545G	1.908648G	1	1.9G	50M	15k	47k

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **EBW**

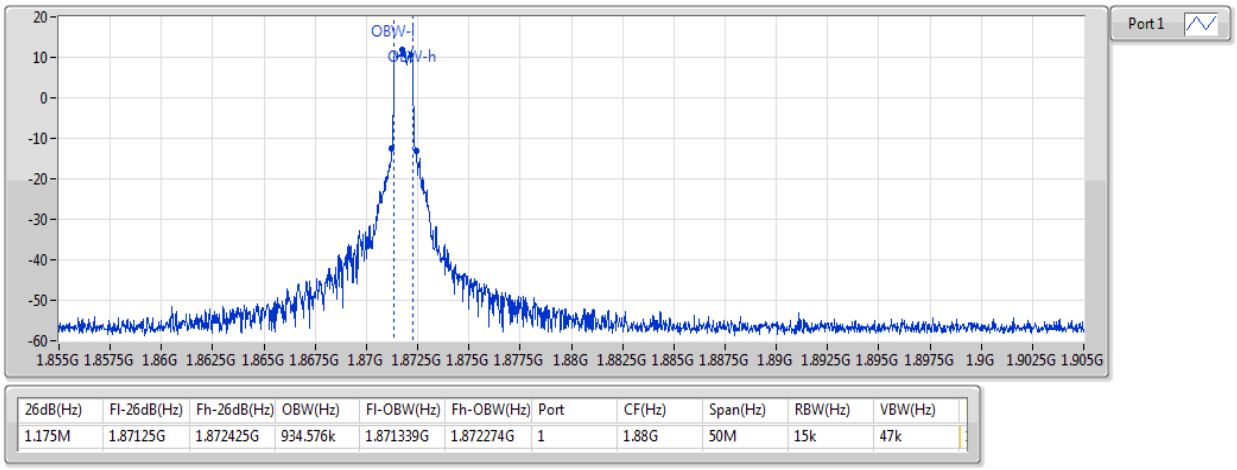
1860MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.1M	1.85125G	1.85235G	935.307k	1.851342G	1.852277G	1	1.86G	50M	15k	47k

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **EBW**

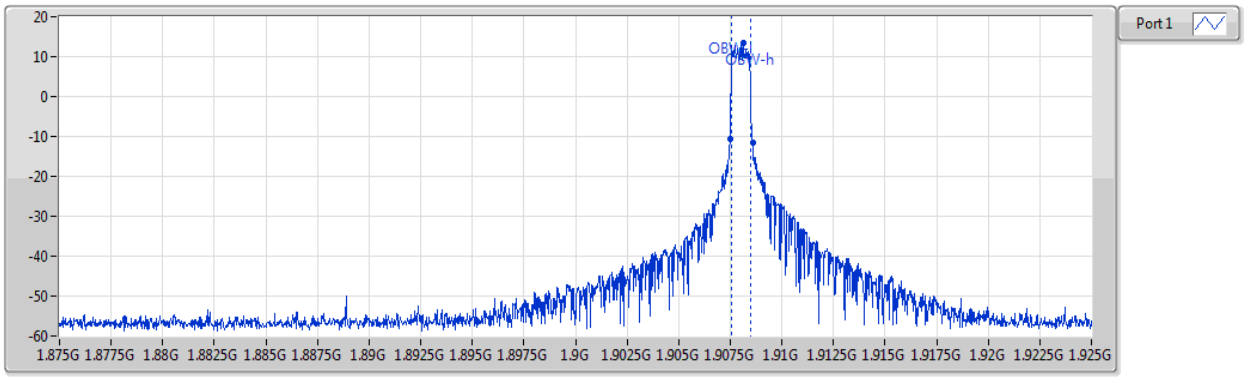
1880MHz_16QAM_RB 5,#RB 0,NB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.175M	1.87125G	1.872425G	934.576k	1.871339G	1.872274G	1	1.88G	50M	15k	47k

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **EBW**

1900MHz_16QAM_RB 5,#RB 0,NB 15



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
1.125M	1.907475G	1.9086G	929.722k	1.907546G	1.908476G	1	1.9G	50M	15k	47k

3.5 Peak to Average Ratio

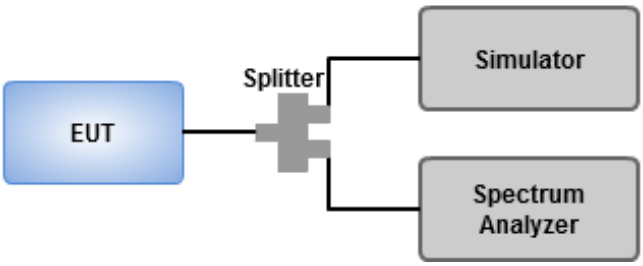
3.5.1 Limit of Peak to Average Ratio

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

3.5.2 Test Procedures

1. Enable CCDF function of spectrum analyzer and set RBW = 10MHz.
2. Set the number of counts to a value that stabilizes the measured CCDF curve.
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.5.3 Test Setup



3.5.4 Test Result of Peak to Average ratio

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
LTE-M1_1.4MHz_Nss1,QPSK_1TX	Pass	1909.3	13.00	4.80	1
LTE-M1_1.4MHz_Nss1,16QAM_1TX	Pass	1909.3	13.00	5.46	1
LTE-M1_3MHz_Nss1,QPSK_1TX	Pass	1908.5	13.00	4.87	1
LTE-M1_3MHz_Nss1,16QAM_1TX	Pass	1908.5	13.00	5.44	1
LTE-M1_5MHz_Nss1,QPSK_1TX	Pass	1907.5	13.00	4.58	1
LTE-M1_5MHz_Nss1,16QAM_1TX	Pass	1907.5	13.00	4.85	1
LTE-M1_10MHz_Nss1,QPSK_1TX	Pass	1905	13.00	4.57	1
LTE-M1_10MHz_Nss1,16QAM_1TX	Pass	1905	13.00	4.25	1
LTE-M1_15MHz_Nss1,QPSK_1TX	Pass	1902.5	13.00	4.40	1
LTE-M1_15MHz_Nss1,16QAM_1TX	Pass	1902.5	13.00	4.34	1
LTE-M1_20MHz_Nss1,QPSK_1TX	Pass	1900	13.00	5.07	1
LTE-M1_20MHz_Nss1,16QAM_1TX	Pass	1900	13.00	5.11	1

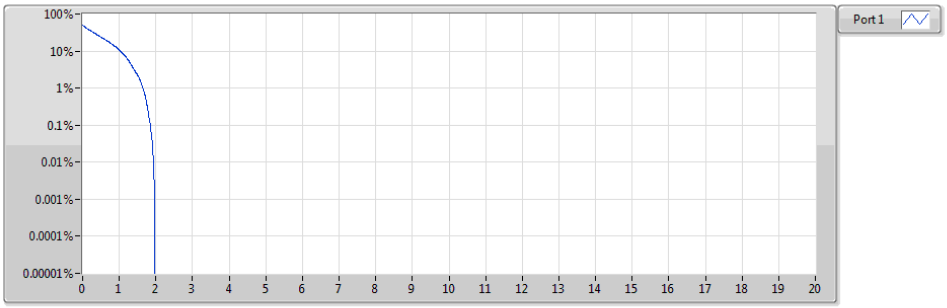
Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE-M1_1.4MHz_Nss1_1TX	-	-	-	-	-
1850.7MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1850.7	13.00	4.61	1
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1880	13.00	4.77	1
1909.3MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1909.3	13.00	4.80	1
1850.7MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1850.7	13.00	5.19	1
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1880	13.00	5.41	1
1909.3MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1909.3	13.00	5.46	1
Band 2_LTE-M1_3MHz_Nss1_1TX	-	-	-	-	-
1851.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1851.5	13.00	4.66	1
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1880	13.00	4.81	1
1908.5MHz_QPSK_RB 6,#RB 0,NB 1	Pass	1908.5	13.00	4.87	1
1851.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1851.5	13.00	5.28	1
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1880	13.00	5.42	1
1908.5MHz_16QAM_RB 5,#RB 0,NB 1	Pass	1908.5	13.00	5.44	1
Band 2_LTE-M1_5MHz_Nss1_1TX	-	-	-	-	-
1852.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1852.5	13.00	4.37	1
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1880	13.00	4.52	1
1907.5MHz_QPSK_RB 6,#RB 0,NB 3	Pass	1907.5	13.00	4.58	1
1852.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1852.5	13.00	4.63	1
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1880	13.00	4.83	1
1907.5MHz_16QAM_RB 5,#RB 0,NB 3	Pass	1907.5	13.00	4.85	1
Band 2_LTE-M1_10MHz_Nss1_1TX	-	-	-	-	-
1855MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1855	13.00	4.47	1
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1880	13.00	4.52	1
1905MHz_QPSK_RB 6,#RB 0,NB 7	Pass	1905	13.00	4.57	1
1855MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1855	13.00	4.19	1
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1880	13.00	4.20	1
1905MHz_16QAM_RB 5,#RB 0,NB 7	Pass	1905	13.00	4.25	1
Band 2_LTE-M1_15MHz_Nss1_1TX	-	-	-	-	-
1857.5MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1857.5	13.00	3.83	1
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1880	13.00	4.02	1
1902.5MHz_QPSK_RB 6,#RB 0,NB 11	Pass	1902.5	13.00	4.40	1
1857.5MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1857.5	13.00	3.93	1
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1880	13.00	4.16	1
1902.5MHz_16QAM_RB 5,#RB 0,NB 11	Pass	1902.5	13.00	4.34	1

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE-M1_20MHz_Nss1_1TX	-	-	-	-	-
1860MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1860	13.00	3.80	1
1880MHz_QPSK_RB 6,#RB 0,NB 0	Pass	1880	13.00	3.90	1
1900MHz_QPSK_RB 6,#RB 0,NB 15	Pass	1900	13.00	5.07	1
1860MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1860	13.00	3.92	1
1880MHz_16QAM_RB 5,#RB 0,NB 0	Pass	1880	13.00	4.32	1
1900MHz_16QAM_RB 5,#RB 0,NB 15	Pass	1900	13.00	5.11	1

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **PAR**

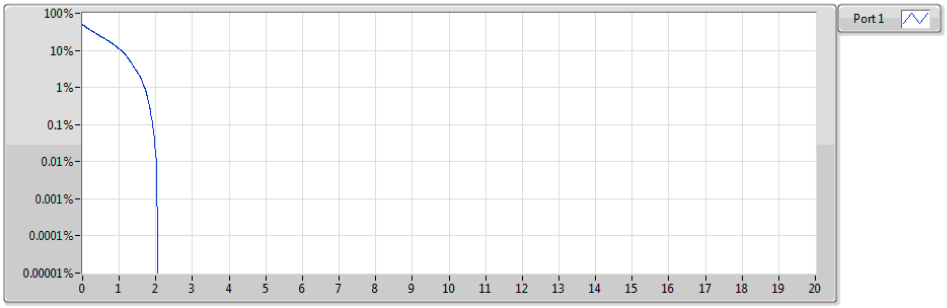
1850.7MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1850.7	20M	4.61	-8.39	13.00	1

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **PAR**

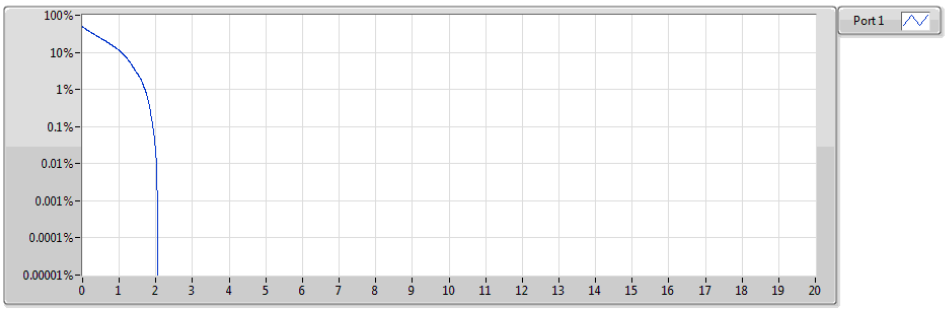
1880MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.77	-8.23	13.00	1

Band 2_LTE-M1_1.4MHz_Nss1,QPSK_1TX **PAR**

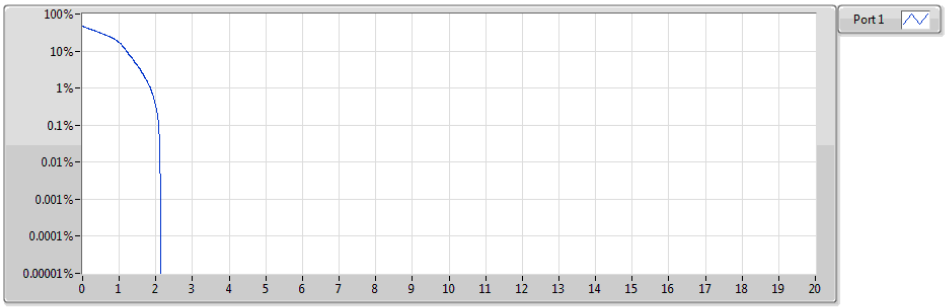
1909.3MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1909.3	20M	4.80	-8.20	13.00	1

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **PAR**

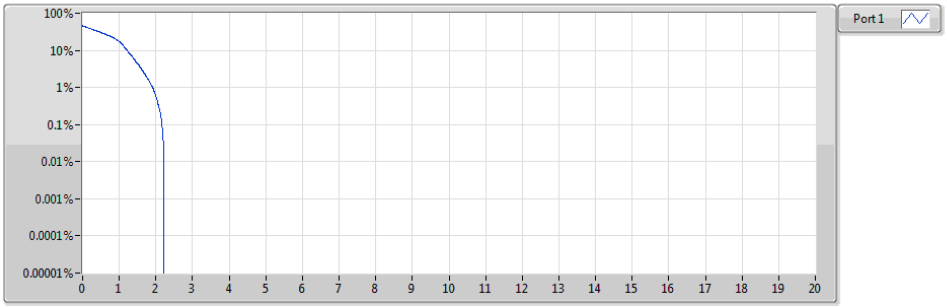
1850.7MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1850.7	20M	5.19	-7.81	13.00	1

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **PAR**

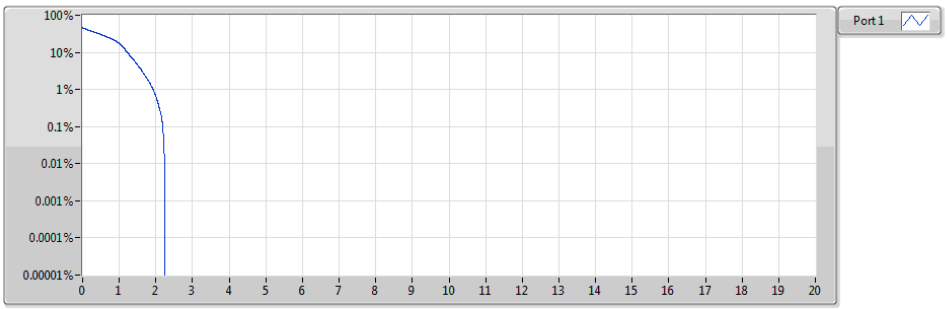
1880MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.41	-7.59	13.00	1

Band 2_LTE-M1_1.4MHz_Nss1,16QAM_1TX **PAR**

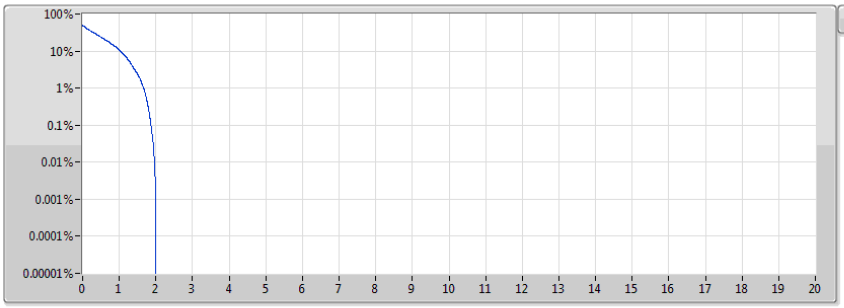
1909.3MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1909.3	20M	5.46	-7.54	13.00	1

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **PAR**

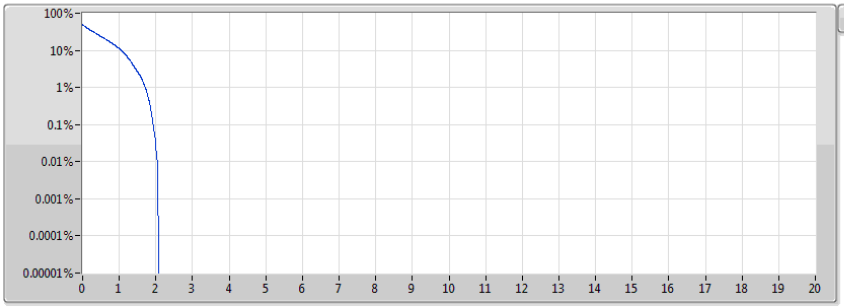
1851.5MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1851.5	20M	4.66	-8.34	13.00	1

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **PAR**

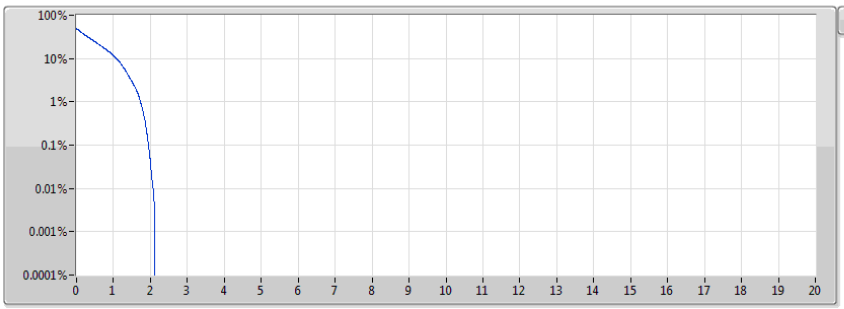
1880MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.81	-8.19	13.00	1

Band 2_LTE-M1_3MHz_Nss1,QPSK_1TX **PAR**

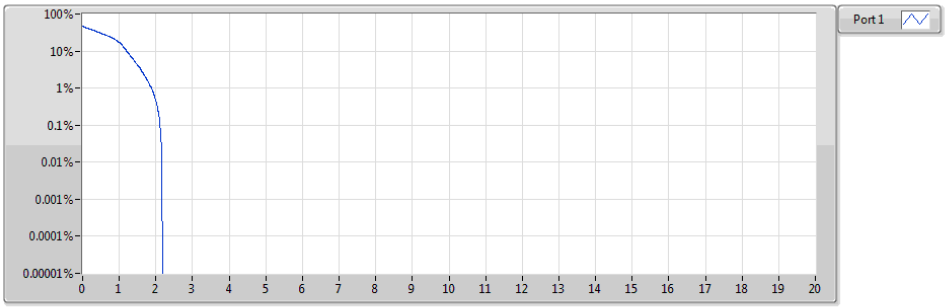
1908.5MHz_QPSK_RB 6,#RB 0,NB 1



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1908.5	20M	4.87	-8.13	13.00	1

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **PAR**

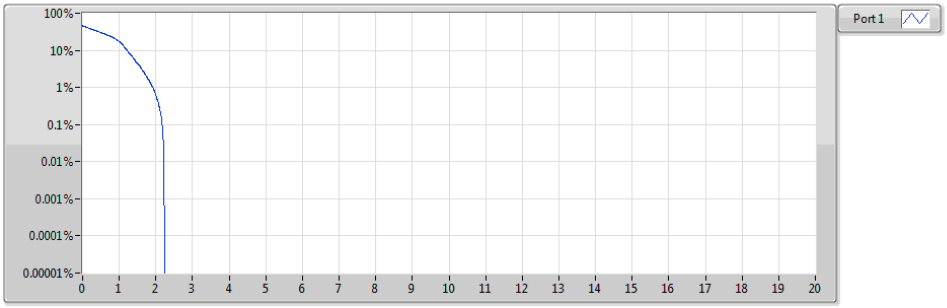
1851.5MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1851.5	20M	5.28	-7.72	13.00	1

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **PAR**

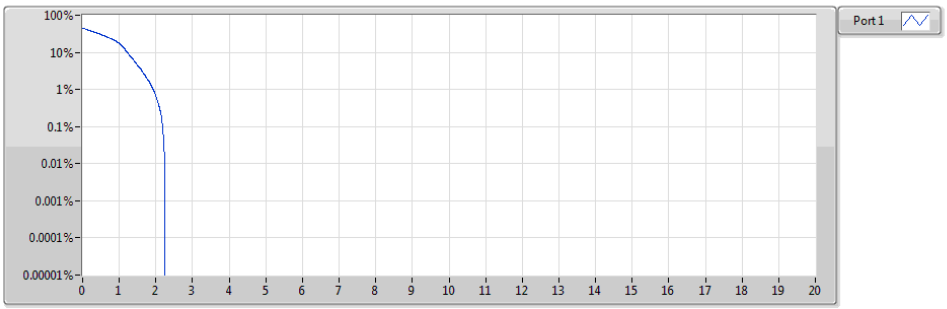
1880MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	5.42	-7.58	13.00	1

Band 2_LTE-M1_3MHz_Nss1,16QAM_1TX **PAR**

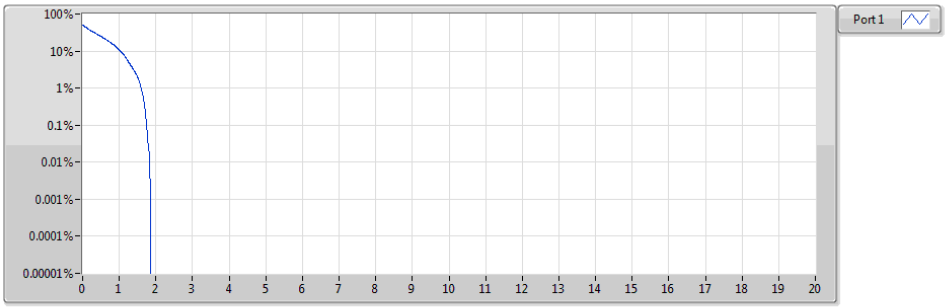
1908.5MHz_16QAM_RB 5,#RB 0,NB 1



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1908.5	20M	5.44	-7.56	13.00	1

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **PAR**

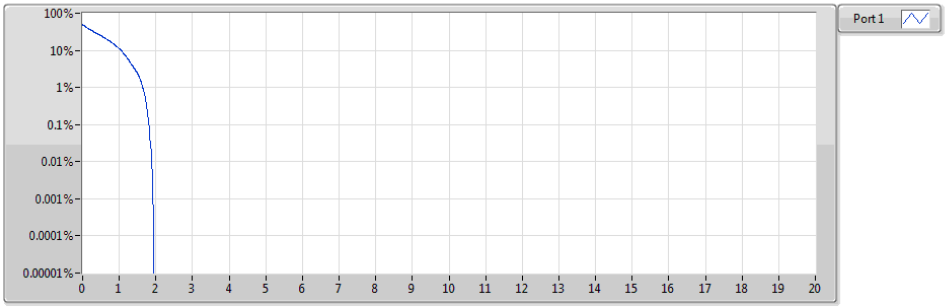
1852.5MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1852.5	20M	4.37	-8.63	13.00	1

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **PAR**

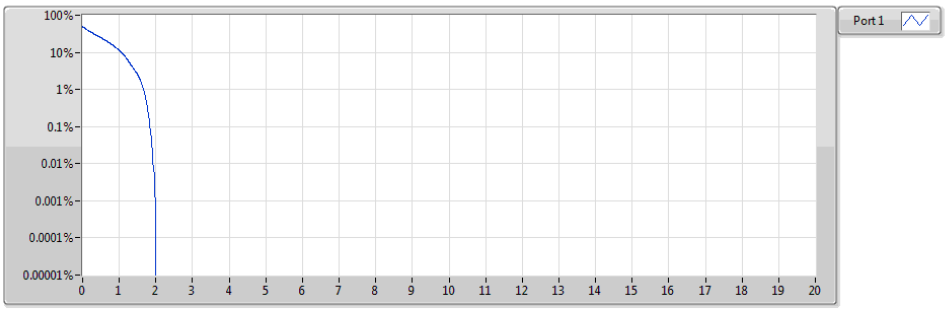
1880MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.52	-8.48	13.00	1

Band 2_LTE-M1_5MHz_Nss1,QPSK_1TX **PAR**

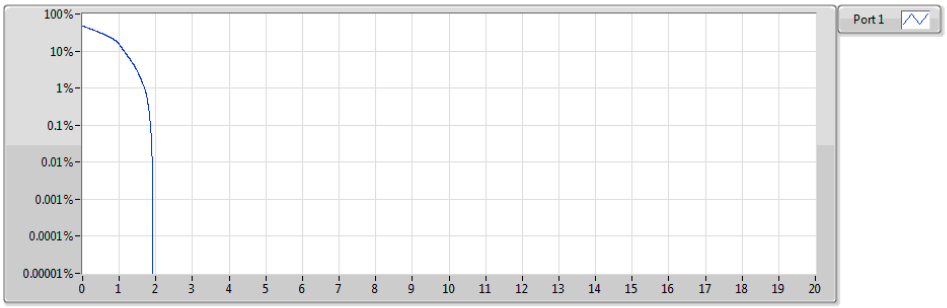
1907.5MHz_QPSK_RB 6,#RB 0,NB 3



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1907.5	20M	4.58	-8.42	13.00	1

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **PAR**

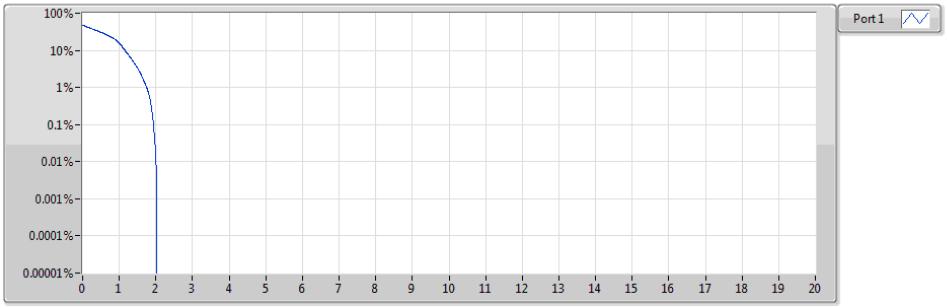
1852.5MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1852.5	20M	4.63	-8.37	13.00	1

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **PAR**

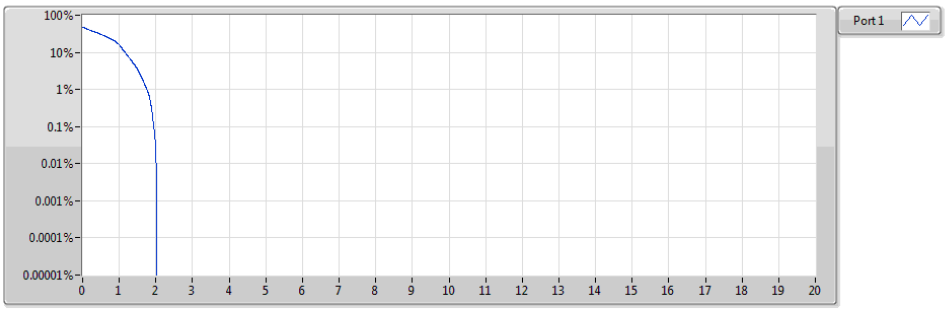
1880MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.83	-8.17	13.00	1

Band 2_LTE-M1_5MHz_Nss1,16QAM_1TX **PAR**

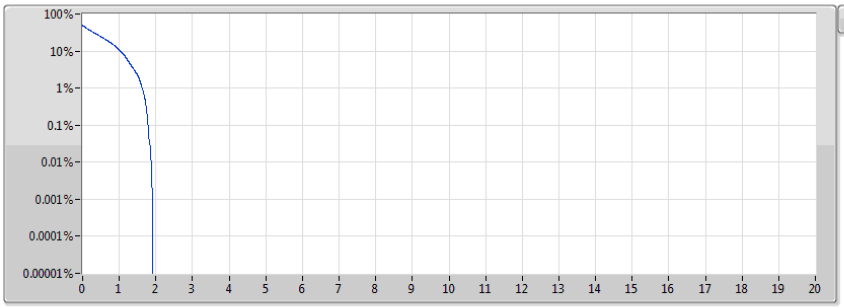
1907.5MHz_16QAM_RB 5,#RB 0,NB 3



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1907.5	20M	4.85	-8.15	13.00	1

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **PAR**

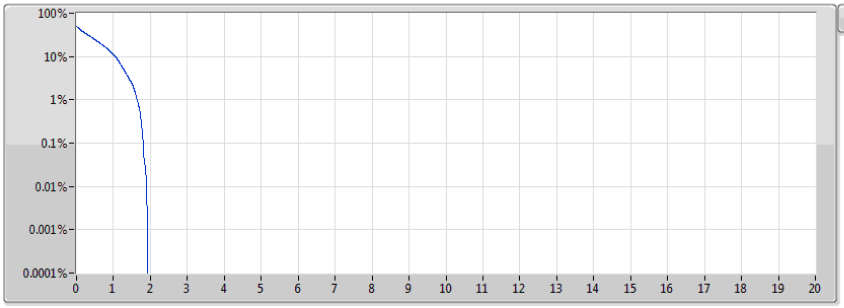
1855MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1855	20M	4.47	-8.53	13.00	1

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **PAR**

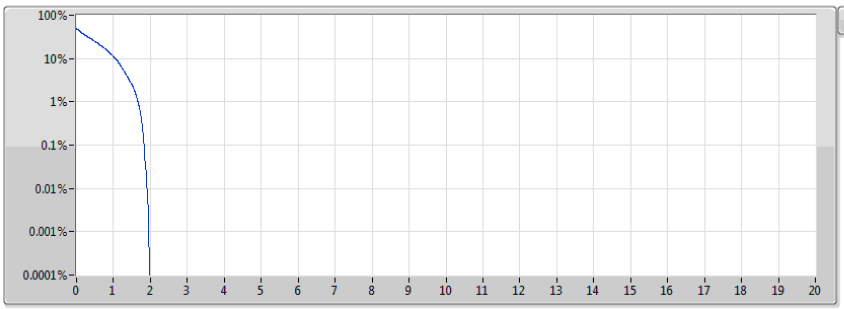
1880MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.52	-8.48	13.00	1

Band 2_LTE-M1_10MHz_Nss1,QPSK_1TX **PAR**

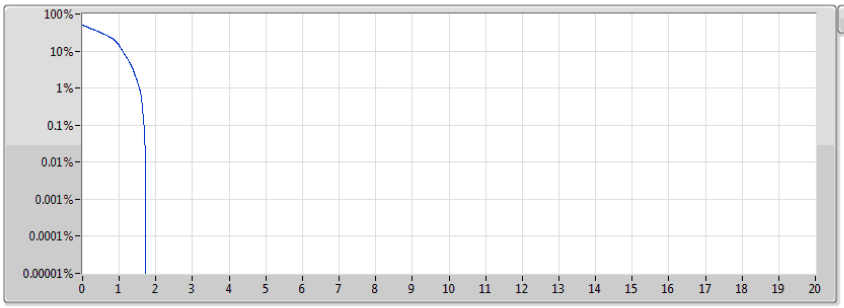
1905MHz_QPSK_RB 6,#RB 0,NB 7



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1905	20M	4.57	-8.43	13.00	1

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **PAR**

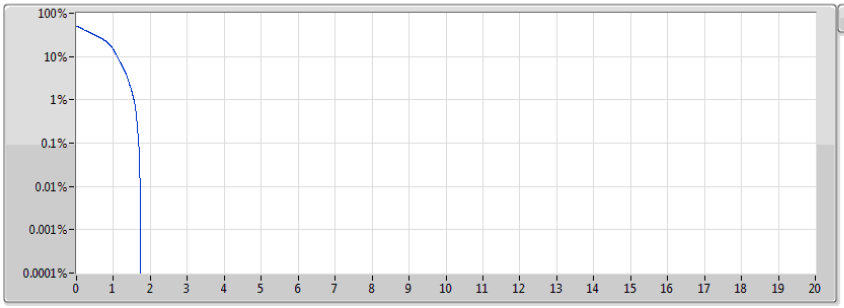
1855MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1855	20M	4.19	-8.81	13.00	1

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **PAR**

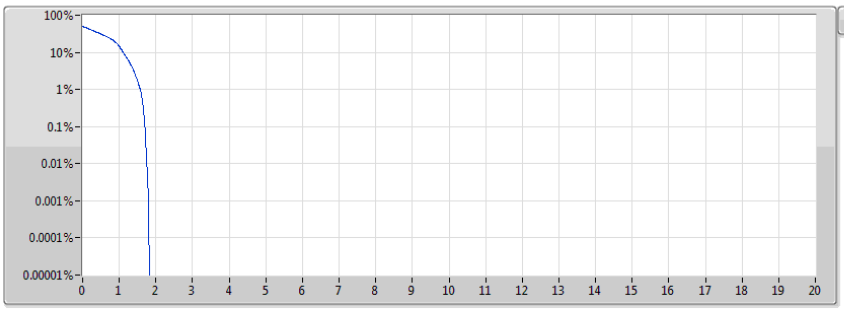
1880MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.20	-8.80	13.00	1

Band 2_LTE-M1_10MHz_Nss1,16QAM_1TX **PAR**

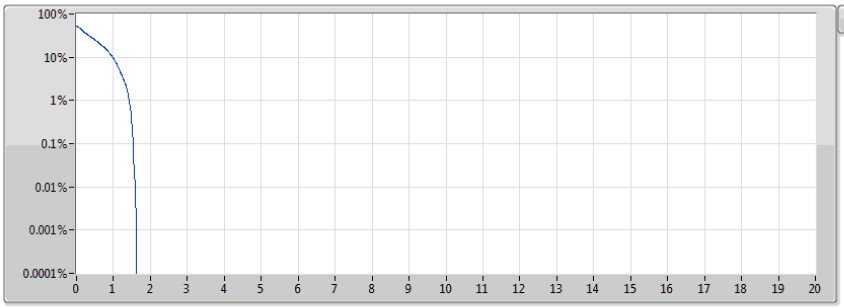
1905MHz_16QAM_RB 5,#RB 0,NB 7



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1905	20M	4.25	-8.75	13.00	1

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **PAR**

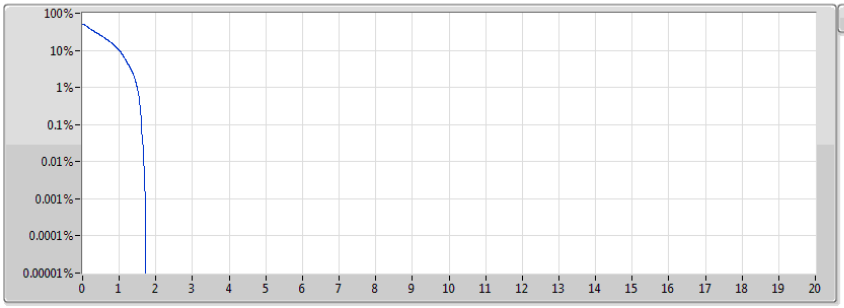
1857.5MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1857.5	20M	3.83	-9.17	13.00	1

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **PAR**

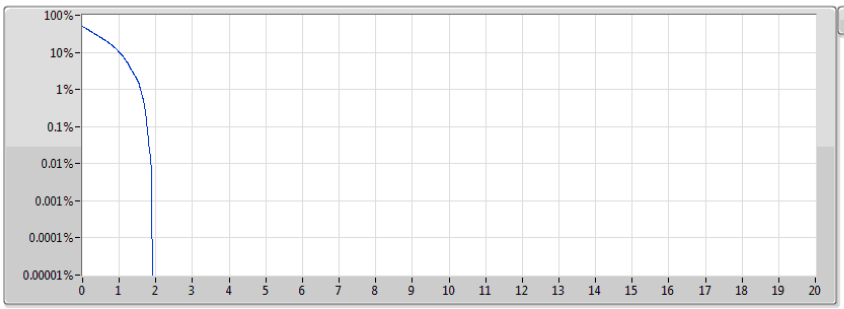
1880MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.02	-8.98	13.00	1

Band 2_LTE-M1_15MHz_Nss1,QPSK_1TX **PAR**

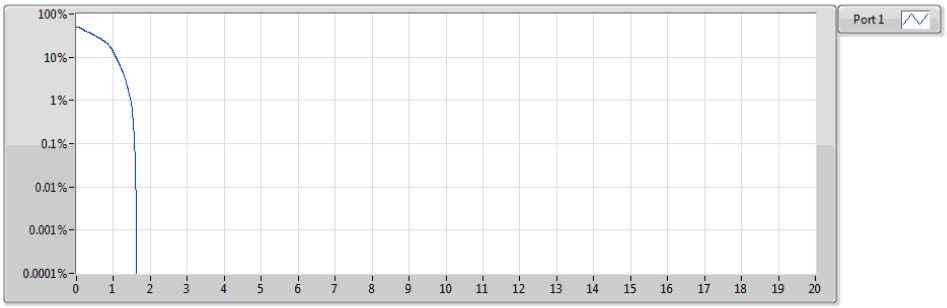
1902.5MHz_QPSK_RB 6,#RB 0,NB 11



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1902.5	20M	4.40	-8.60	13.00	1

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **PAR**

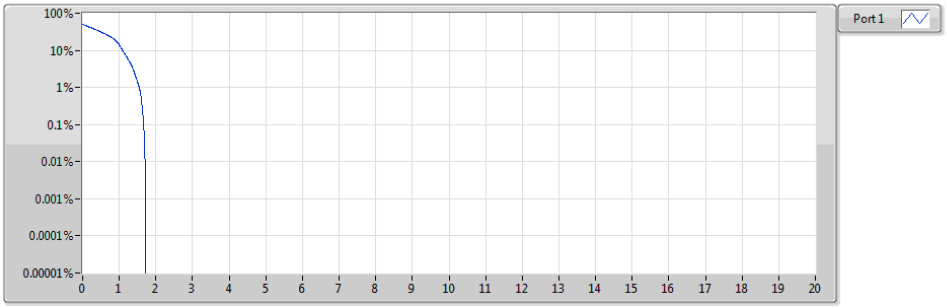
1857.5MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1857.5	20M	3.93	-9.07	13.00	1

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **PAR**

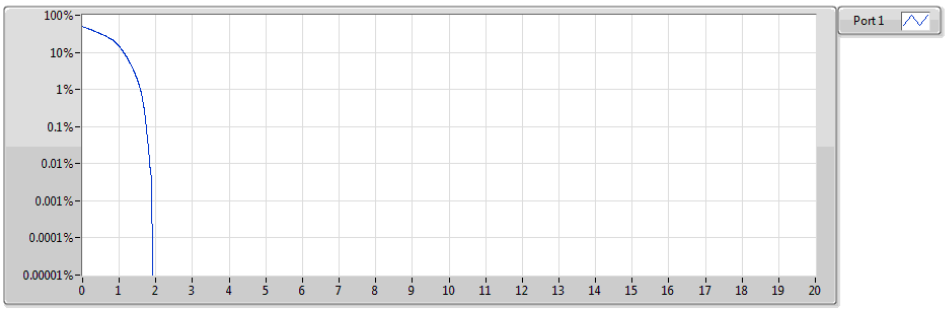
1880MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.16	-8.84	13.00	1

Band 2_LTE-M1_15MHz_Nss1,16QAM_1TX **PAR**

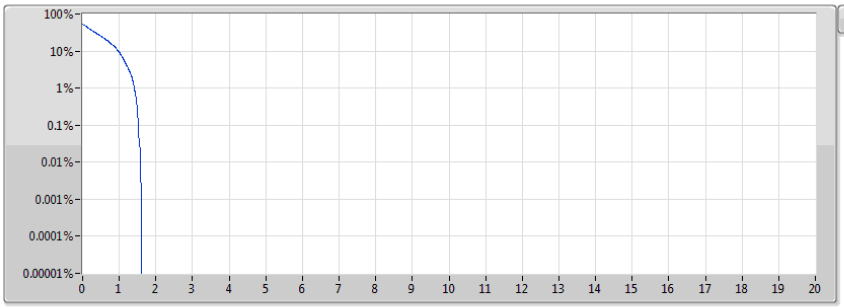
1902.5MHz_16QAM_RB 5,#RB 0,NB 11



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1902.5	20M	4.34	-8.66	13.00	1

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **PAR**

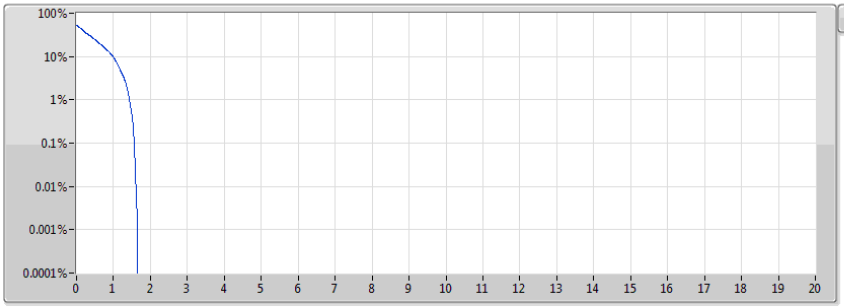
1860MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1860	20M	3.80	-9.20	13.00	1

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **PAR**

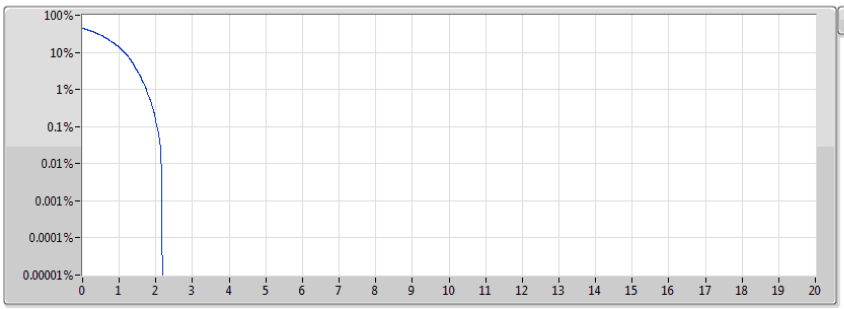
1880MHz_QPSK_RB 6,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	3.90	-9.10	13.00	1

Band 2_LTE-M1_20MHz_Nss1,QPSK_1TX **PAR**

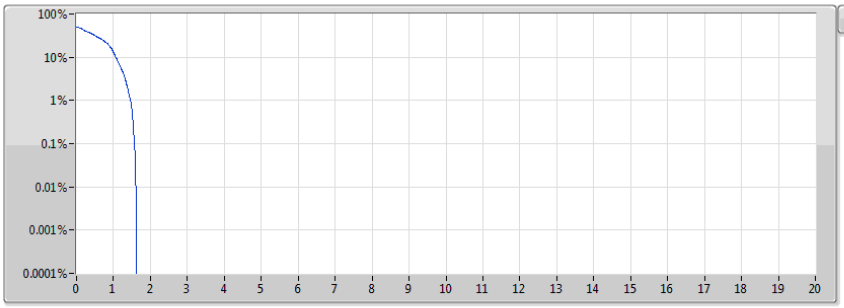
1900MHz_QPSK_RB 6,#RB 0,NB 15



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1900	20M	5.07	-7.93	13.00	1

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **PAR**

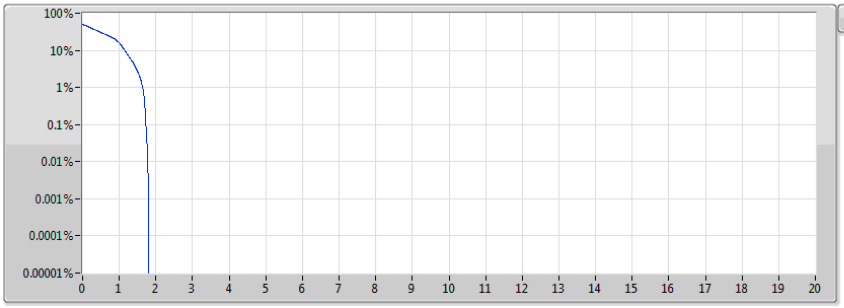
1860MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1860	20M	3.92	-9.08	13.00	1

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **PAR**

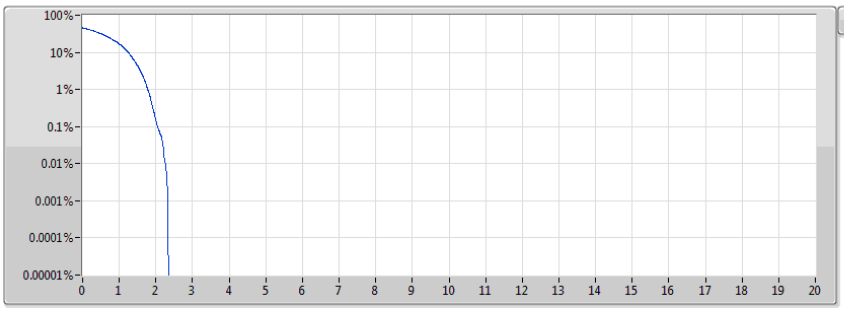
1880MHz_16QAM_RB 5,#RB 0,NB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.32	-8.68	13.00	1

Band 2_LTE-M1_20MHz_Nss1,16QAM_1TX **PAR**

1900MHz_16QAM_RB 5,#RB 0,NB 15



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1900	20M	5.11	-7.89	13.00	1

3.6 Frequency Stability

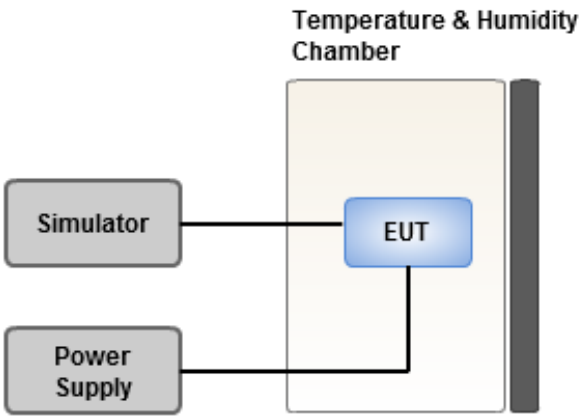
3.6.1 Limit of Frequency Stability

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	0.005	1850.155015	0.005	1909.842010
T20°CVmin	0.005	1850.155016	0.005	1909.842010
T85°CVnom	0.008	1850.155017	0.008	1909.842015
T80°CVnom	0.006	1850.155018	0.006	1909.842011
T70°CVnom	0.006	1850.155019	0.006	1909.842012
T60°CVnom	0.006	1850.155020	0.006	1909.842011
T50°CVnom	0.008	1850.155021	0.007	1909.842013
T40°CVnom	0.006	1850.155022	0.006	1909.842011
T30°CVnom	0.006	1850.155023	0.006	1909.842011
T20°CVnom	0.005	1850.155024	0.005	1909.842010
T10°CVnom	0.006	1850.155025	0.006	1909.842011
T0°CVnom	0.006	1850.155026	0.006	1909.842012
T-10°CVnom	0.007	1850.155027	0.007	1909.842013
T-20°CVnom	0.007	1850.155028	0.007	1909.842014
T-30°CVnom	0.008	1850.155029	0.008	1909.842015
T-40°CVnom	0.008	1850.155030	0.007	1909.842013
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	0.005	1850.321041	0.006	1909.667011
T20°CVmin	0.006	1850.321042	0.005	1909.667010
T85°CVnom	0.008	1850.321043	0.008	1909.667015
T80°CVnom	0.007	1850.321044	0.006	1909.667012
T70°CVnom	0.006	1850.321045	0.006	1909.667012
T60°CVnom	0.006	1850.321046	0.006	1909.667012
T50°CVnom	0.007	1850.321047	0.007	1909.667013
T40°CVnom	0.006	1850.321048	0.006	1909.667012
T30°CVnom	0.006	1850.321049	0.006	1909.667011
T20°CVnom	0.005	1850.321050	0.006	1909.667011
T10°CVnom	0.006	1850.321051	0.006	1909.667012
T0°CVnom	0.006	1850.321052	0.006	1909.667012
T-10°CVnom	0.007	1850.321053	0.006	1909.667012
T-20°CVnom	0.007	1850.321054	0.007	1909.667014
T-30°CVnom	0.008	1850.321055	0.007	1909.667014
T-40°CVnom	0.008	1850.321056	0.007	1909.667013
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	0.005	1850.244041	0.006	1909.754011
T20°CVmin	0.006	1850.244042	0.005	1909.754010
T85°CVnom	0.008	1850.244043	0.008	1909.754015
T80°CVnom	0.007	1850.244044	0.006	1909.754012
T70°CVnom	0.006	1850.244045	0.006	1909.754011
T60°CVnom	0.006	1850.244046	0.006	1909.754012
T50°CVnom	0.007	1850.244047	0.006	1909.754012
T40°CVnom	0.006	1850.244048	0.006	1909.754011
T30°CVnom	0.006	1850.244049	0.005	1909.754010
T20°CVnom	0.005	1850.244050	0.006	1909.754011
T10°CVnom	0.006	1850.244051	0.006	1909.754012
T0°CVnom	0.006	1850.244052	0.006	1909.754012
T-10°CVnom	0.007	1850.244053	0.006	1909.754012
T-20°CVnom	0.007	1850.244054	0.007	1909.754013
T-30°CVnom	0.008	1850.244055	0.007	1909.754014
T-40°CVnom	0.008	1850.244056	0.008	1909.754015
Limit		>1850MHz		<1910MHz

CB: 10MHz				
Temperature (°C)	1855MHz		1905MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.005	1850.669041	0.006	1909.325011
T20°CVmin	0.006	1850.669042	0.006	1909.325012
T85°CVnom	0.008	1850.669043	0.008	1909.325015
T80°CVnom	0.007	1850.669044	0.006	1909.325012
T70°CVnom	0.006	1850.669045	0.006	1909.325011
T60°CVnom	0.006	1850.669046	0.006	1909.325011
T50°CVnom	0.007	1850.669047	0.006	1909.325012
T40°CVnom	0.006	1850.669048	0.006	1909.325012
T30°CVnom	0.006	1850.669049	0.006	1909.325012
T20°CVnom	0.005	1850.669050	0.006	1909.325011
T10°CVnom	0.006	1850.669051	0.006	1909.325012
T0°CVnom	0.006	1850.669052	0.007	1909.325013
T-10°CVnom	0.007	1850.669053	0.006	1909.325011
T-20°CVnom	0.007	1850.669054	0.007	1909.325013
T-30°CVnom	0.008	1850.669055	0.007	1909.325014
T-40°CVnom	0.008	1850.669056	0.007	1909.325014
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	0.005	1850.918041	0.006	1909.082011
T20°CVmin	0.006	1850.918042	0.006	1909.082011
T85°CVnom	0.008	1850.918043	0.007	1909.082014
T80°CVnom	0.007	1850.918044	0.006	1909.082012
T70°CVnom	0.006	1850.918045	0.006	1909.082011
T60°CVnom	0.006	1850.918046	0.006	1909.082012
T50°CVnom	0.007	1850.918047	0.006	1909.082012
T40°CVnom	0.006	1850.918048	0.006	1909.082011
T30°CVnom	0.006	1850.918049	0.006	1909.082012
T20°CVnom	0.005	1850.918050	0.005	1909.082010
T10°CVnom	0.006	1850.918051	0.006	1909.082011
T0°CVnom	0.006	1850.918052	0.006	1909.082011
T-10°CVnom	0.007	1850.918053	0.006	1909.082012
T-20°CVnom	0.007	1850.918054	0.007	1909.082013
T-30°CVnom	0.008	1850.918055	0.008	1909.082015
T-40°CVnom	0.008	1850.918056	0.007	1909.082014
Limit		>1850MHz		<1910MHz

CB: 20MHz				
Temperature (°C)	1860MHz		1900MHz	
	Frequency Drift (ppm)	F_L (MHz)	Frequency Drift (ppm)	F_H (MHz)
T20°CVmax	0.005	1851.342041	0.006	1908.648011
T20°CVmin	0.006	1851.342042	0.005	1908.648010
T85°CVnom	0.008	1851.342043	0.007	1908.648014
T80°CVnom	0.007	1851.342044	0.006	1908.648012
T70°CVnom	0.006	1851.342045	0.007	1908.648013
T60°CVnom	0.006	1851.342046	0.006	1908.648012
T50°CVnom	0.007	1851.342047	0.006	1908.648012
T40°CVnom	0.006	1851.342048	0.006	1908.648011
T30°CVnom	0.006	1851.342049	0.006	1908.648012
T20°CVnom	0.005	1851.342050	0.005	1908.648010
T10°CVnom	0.006	1851.342051	0.006	1908.648012
T0°CVnom	0.006	1851.342052	0.007	1908.648013
T-10°CVnom	0.007	1851.342053	0.006	1908.648012
T-20°CVnom	0.007	1851.342054	0.007	1908.648013
T-30°CVnom	0.008	1851.342055	0.007	1908.648014
T-40°CVnom	0.008	1851.342056	0.008	1908.648015
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.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
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If you have any suggestion, please feel free to contact us as below information.

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