Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	2AVFNLBS7320
Equipment	:	LTE-TDD Base Station
Brand Name	:	Leax
Model Name	:	LBS7320
Applicant	:	Leax Arkivator Telecom USA Inc. 833 E Arapaho Rd. Suite 203 Richardson, TX 75081
Manufacturer	:	Leax Arkivator Telecom USA Inc. 833 E Arapaho Rd. Suite 203 Richardson, TX 75081
Standard	:	47 CFR FCC Part2, 96

The product was received on Jan. 08, 2020, and testing was started from Jan. 14, 2020 and completed on Jan. 17, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI / TIA-603-E-2016, ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FG9D1714AA	01	Initial issue of report	Feb. 27, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	2.1046	Conducted Output Power	PASS	-
3.2	96.41(b)	Maximum Effective Isotropic Radiated Power (EIRP)	PASS	-
3.3	96.41(b)	Maximum Power Spectral Density (PSD)	PASS	-
3.4	96.41(g)	Peak-to-average power ratio	PASS	-
3.5	2.1049	99% OBW and 26dB Bandwidth	PASS	-
3.6	2.1051 96.41(e)	3.5 GHz Emissions and Interference Limits	PASS	-
3.7	2.1053	Field Strength of Spurious Radiation	PASS	-
3.8	2.1055	Frequency Stability for Temperature & Voltage	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:
None

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Product Feature of Equipment Under Test

Items	Description
Power Type	From power adapter
EUT supports Radios application	LTE

1.2 Product Specification subjective to this standard

Items	Description
EUT Type	CBSD
Category of EUT	☐ Category A ☒ Category B
Professional Installation	☒ Yes ☐ No
Multi-carrier and/or CA	☐ Yes ☒ No
RF Test Tool Software of EUT	Web / teraterm
TX Frequency	10MHz: 3555 MHz ~ 3695 MHz 20MHz: 3560 MHz ~ 3690 MHz
RX Frequency	10MHz: 3555 MHz ~ 3695 MHz 20MHz: 3560 MHz ~ 3690 MHz
Bandwidth (MHz)	10/20
Maximum Output Power to Antenna	10MHz: 28.54 dBm 20MHz: 31.68 dBm
Maximum 99% Occupied Bandwidth	10 MHz: 8.942 MHz 20 MHz: 17.897 MHz
Type of Modulation	☒ QPSK ☒16QAM ☒64QAM ☐256QAM

Note: The above information was declared by manufacturer.

1.3 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Ant. Gain (dBi)	Cable Loss of External Cable (dB)	True Gain (dBi)
1	1	SENGER	SG-SC3438X17i65A/NF	Panel Antenna	N Type	16.5	2.25	14.25
2	2	SENGER	SG-SC3438X17i65A/NF	Panel Antenna	N Type	16.5	2.25	14.25

Note 1: The above information was declared by manufacturer.

Note 2: Both Port 1 and Port 2 could transmit/receive simultaneously.

1.4 Maximum EIRP Power, Frequency Tolerance, and Emission Designator

FCC Rule	System	Bandwidth	Type of Modulation	Maximum EIRP (dBm/10MHz)	EIRP (W)	Maximum EIRP (dBm/20MHz)	EIRP (W)	Frequency Stability	Emission Designator
Part 96	LTE Band 48	10MHz	QPSK	42.74	18.793	-	-	With in the authorized bands of operation	8M94G7D
			16QAM	41.32	13.552	-	-		8M94W7D
			64QAM	42.79	19.011	-	-		8M94W7D
		20MHz	QPSK	-	-	45.93	39.174		17M9G7D
			16QAM	-	-	44.79	30.130		17M9W7D
			64QAM	-	-	45.89	38.815		17M9W7D

1.5 Accessories

Accessories				
Power	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter	INVENTRONICS	EUV-150S048ST	INPUT: 100-277Vac, 50/60Hz, 1.75A@100Vac OUTPUT: 48Vdc, 0-3.125A	AC power cable, non-shield, 0.6m DC power cable, non-shield, 1.1m

1.6 Support Equipment

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

1.7 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part2, 96
- ANSI / TIA-603-E-2016
- ANSI C63.26-2015
- FCC KDB 971168 D01 v03r01
- FCC KDB 940660 D01 v02
- FCC KDB 412172 D01 v01r01
- FCC KDB 662911 D01 v02r01

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

1.8 Testing Location

Testing Location					
☐	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973			
☒	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085			
Test Condition		**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
RF Conducted		TH01-CB	Ekko Hsieh	24~25°C / 61~64%	Jan. 14, 2020 ~ Jan. 17, 2020
Radiated Emission		03CH01-CB	Zero Chen	22.4~23.4°C / 57~61%	Jan. 16, 2020

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

2 Test Configuration of Equipment Under Test

2.1 Test Frequency

The EUT was tested in the following operating modes, unless otherwise stated:

Single-carrier			
Bandwidth (MHz)	Bottom Channel (B) (MHz)	Middle Channel (M) (MHz)	Top Channel (T) (MHz)
10	3555	3625	3695
20	3560	3625	3690

2.2 Test Mode

Test Item	Bandwidth (MHz)	Tested Frequency (MHz)	Mode
Conducted Output Power	10,20	B,M,T	QPSK,16-QAM,64-QAM
Maximum Effective Isotropic Radiated Power (EIRP)	10,20	B,M,T	QPSK,16-QAM,64-QAM
Maximum Power Spectral Density (PSD)	10,20	B,M,T	QPSK,16-QAM,64-QAM
Peak-to-average power ratio	10,20	B,M,T	QPSK,16-QAM,64-QAM
99% OBW and 26dB Bandwidth	10,20	B,M,T	QPSK,16-QAM,64-QAM
3.5 GHz Emissions and Interference Limits	10,20	B,M,T	QPSK,16-QAM,64-QAM
Field Strength of Spurious Radiation (Conducted) 10,20 B,M,T QPSK,16-QAM,64-QAM (Cabinet)	20	T	QPSK
Frequency Stability for Temperature & Voltage	10,20	B, T	QPSK,16-QAM,64-QAM

Note 1:

B: Bottom

M: Middle

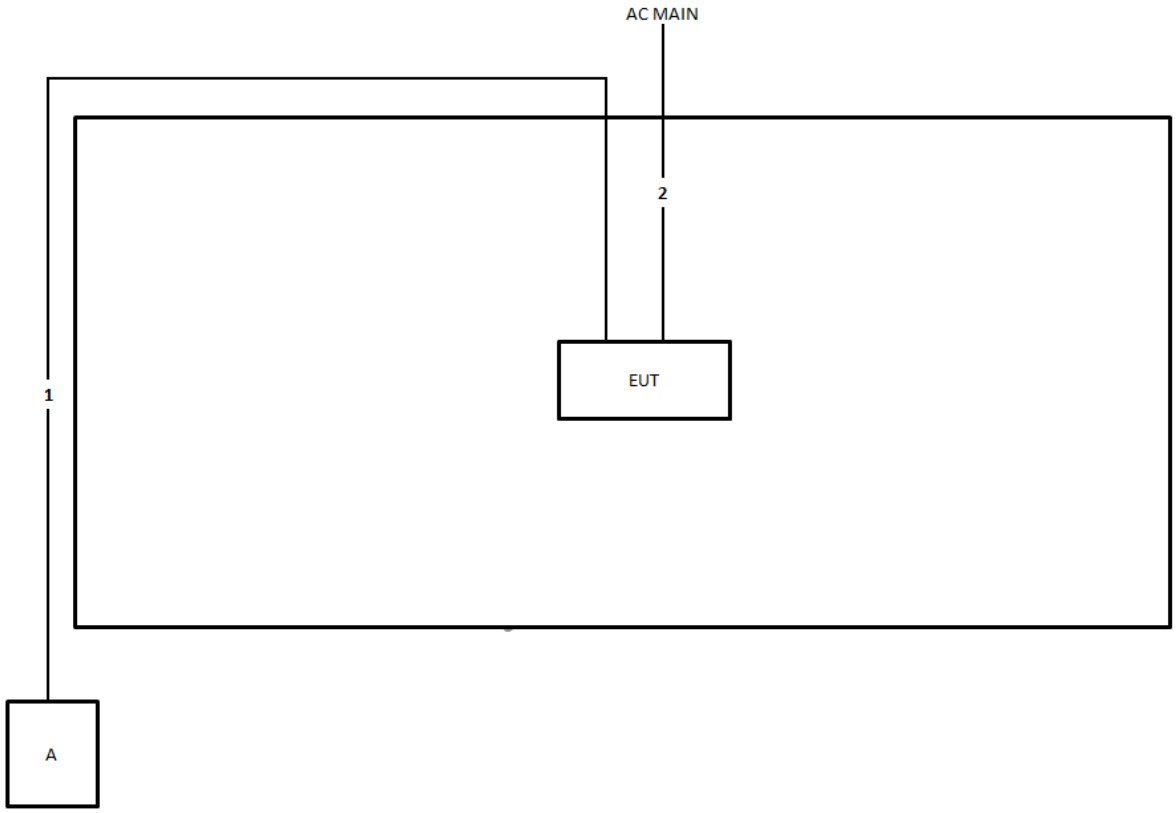
T: Top

Note 2:

For Field Strength of Spurious Radiation test:

The EUT can only be used at Y axis position

2.3 Test Setup Diagram



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.7m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 1 dB and a 20dB attenuator.

Example:

Offset (dB) = RF cable loss (dB) + attenuator factor (dB).

= 1 + 20 = 21 (dB)

For transmission duty cycle < 98% and setting sweep trigger to free run:

When the EUT cannot be configured to transmit at full-power on a continuous basis (i.e., duty cycle < 98%) and the instrumentation cannot be configured to measure only during active full-power transmissions, then set sweep trigger to free run and add 10 log (1/duty cycle) to the measured power level if the EUT duty cycle is constant (i.e., duty cycle variations are less than or equal to ±2%).

Example:

Add [10 log (1/0.25)] = 6 dB if the duty cycle is a constant 25%.

3 Test Result

3.1 Conducted Output Power

3.1.1 Description of the Conducted Output Power measurement

The EUT shall be set at maximum power through commands provided by manufacturer. The measured power in the radio frequency at the transmitter output terminals shall be reported.

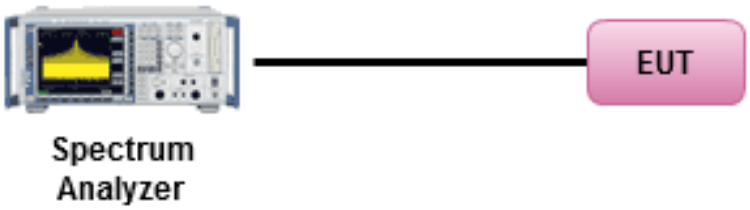
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. Connect the transmitter output port of EUT to the spectrum analyzer.
2. Set EUT to transmit at maximum output power.
3. Select lowest, middle, and highest channels for each modulation.
4. Measure the maximum power at RF output terminals .

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

Refer as Appendix A

3.2 Maximum Effective Isotropic Radiated Power (EIRP)

3.2.1 Description of the Maximum Effective Isotropic Radiated Power measurement

The EUT shall be set at maximum power through commands provided by manufacturer, and the the EIRP limit shall apply to any 10 MHz portion of the bandwidth.The EIRP of category A CBSD shall be limited to 30dBm/10MHz, and the EIRP of category B CBSD shall be limited to 47dBm/10MHz. According to FCC KDB 940660 D01 v02

Power Approach, the EIRP can be determined from conducted output power.

EIRP = $P_T + G_T – L_C$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

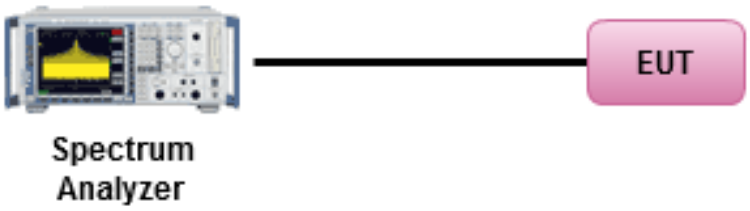
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

1. The testing follows Section 5.2 of ANSI C63.26-2015.
2. Connect the transmitter output port of EUT to the spectrum analyzer.
3. Set EUT to transmit at maximum output power.
4. Select lowest, middle, and highest channels for each modulation.
5. Measure the maximum power in any 10 MHz portion of the bandwidth at RF output terminals.
6. Determining EIRP by conducted RF output power plus transmitting antenna gain.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Effective Isotropic Radiated Power

Refer as Appendix B

3.3 Maximum Power Spectral Density (PSD)

3.3.1 Description of the Maximum Powe Spectral Density Measurement

The maximum power spectral density measurements, where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission. To perform this measurement, the EUT must be configured to transmit continuously at maximum power. The PSD of category A CBSD shall be limited to 20dBm/MHz, and the EIRP of category B CBSD shall be limited to 37dBm/MHz.

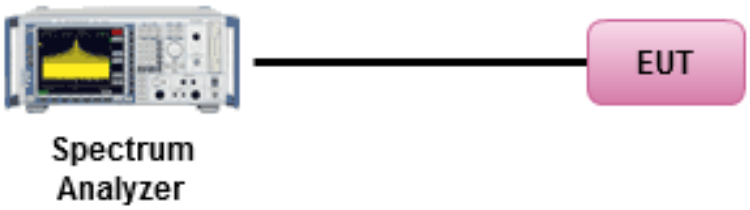
3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

1. The testing follows Section 5.2 of ANSI C63.26-2015.
2. Connect the transmitter output port of EUT to the spectrum analyzer.
3. Set EUT to transmit at maximum output power.
4. Select lowest, middle, and highest channels for each modulation.
5. Measure the maximum PSD at RF output terminals .

3.3.4 Test Setup



3.3.5 Test Result of Maximum Power spectral density

Refer as Appendix C

3.4 Peak-to-Average Power Ratio (PAPR)

3.4.1 Description of the Peak-to-Average Power Ratio Measurement

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

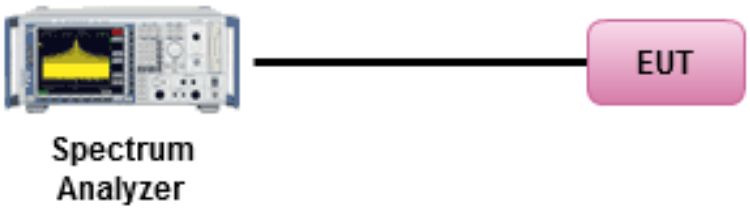
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The testing follows Section 5.2.6 of ANSI C63.26-2015.
2. Connect the transmitter output port of EUT to the spectrum analyzer.
3. Set EUT to transmit at maximum output power.
4. Select lowest, middle, and highest channels for each modulation.
5. Set the CCDF (Complementary Cumulative Distribution Function) option of the spectrum analyzer. Record the maximum PAPR level associated with a probability of 0.1%.

3.4.4 Test Setup



3.4.5 Test Result of Peak-to-Average Ratio

Refer as Appendix D

3.5 99% Occupied Bandwidth (OBW) and 26dB Bandwidth

3.5.1 Description of the 99% Occupied Bandwidth and 26dB Bandwidth Measurement

The 99% occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

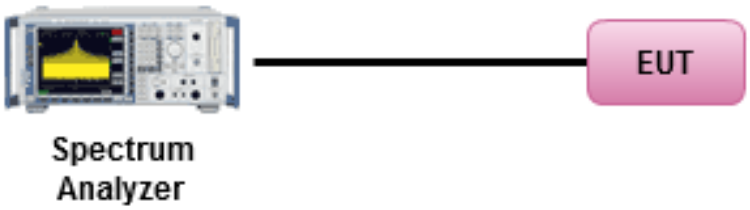
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

1. Connect the transmitter output port of EUT to the spectrum analyzer.
2. Set EUT to transmit at maximum output power.
3. Select lowest, middle, and highest channels for each modulation.
4. The setting of spectrum analyzer follows the FCC KDB 971168 D01 v03r01 Section 4.2 and 4.3.
5. Record the result of 99% occupied bandwidth and the 26dB bandwidth.

3.5.4 Test Setup



3.5.5 Test Result of Occupied Bandwidth and 26dB Bandwidth

Refer as Appendix E

3.6 3.5 GHz Emissions and Interference Limits

3.6.1 Description of the 3.5 GHz Emissions and Interference Limits Measurement

Confirm that the device satisfies the emission limits specified in Section 96.41(e) for all declared channel sizes, at the lowest and highest edges of the band, and in the middle of the band. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic. The limits for emission outside the fundamental are as follows.

• Within 0 MHz to 10 MHz above and below the assigned channel ≤ -13 dBm/MHz

• Greater than 10 MHz above and below the assigned channel ≤ -25 dBm/MHz

• Any emission below 3530 MHz and above 3720 MHz ≤ -40 dBm/MHz

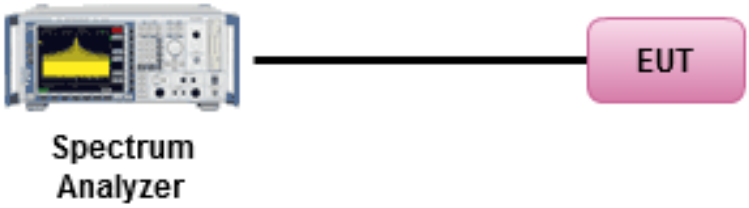
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. Connect the transmitter output port of EUT to the spectrum analyzer.
2. Set EUT to transmit at maximum output power.
3. Select lowest, middle, and highest channels for each modulation.
4. The setting of spectrum analyzer follows FCC KDB 940660 D01 v02 Section 6.0.
5. Note that unwanted emissions for CBSDs are relative to the authorized channel

3.6.4 Test Setup



3.6.5 Test Result (Plots) of Conducted Band Edge

Refer as Appendix F

3.7 Field Strength of Spurious Radiation

3.7.1 Description of the Field Strength of Spurious Radiated Measurement

Confirm that the radiated emission satisfies the limits specified in Section 96.41(e) for all declared channel sizes, at the lowest and highest edges of the band, and in the middle of the band. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic. The limits for emission outside the fundamental are as follows.

• Within 0 MHz to 10 MHz above and below the assigned channel ≤ -13 dBm/MHz (55.2 dBuV/m at 3m)

• Greater than 10 MHz above and below the assigned channel ≤ -25 dBm/MHz (82.2 dBuV/m at 3m)

• Any emission below 3530 MHz and above 3720 MHz ≤ -40 dBm/MHz (55.2 dBuV/m at 3m)

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures of Radiated

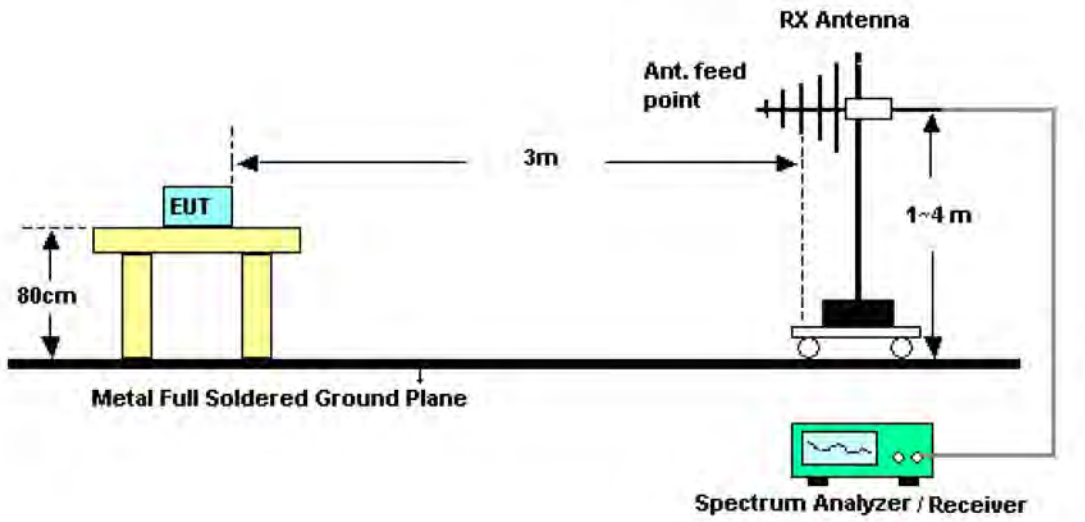
1. The testing follows Section 5.7 of ANSI C63.26-2015.
2. The EUT was placed on a rotatable wooden table 0.8 meters above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.7.4 Test Procedures of Conducted

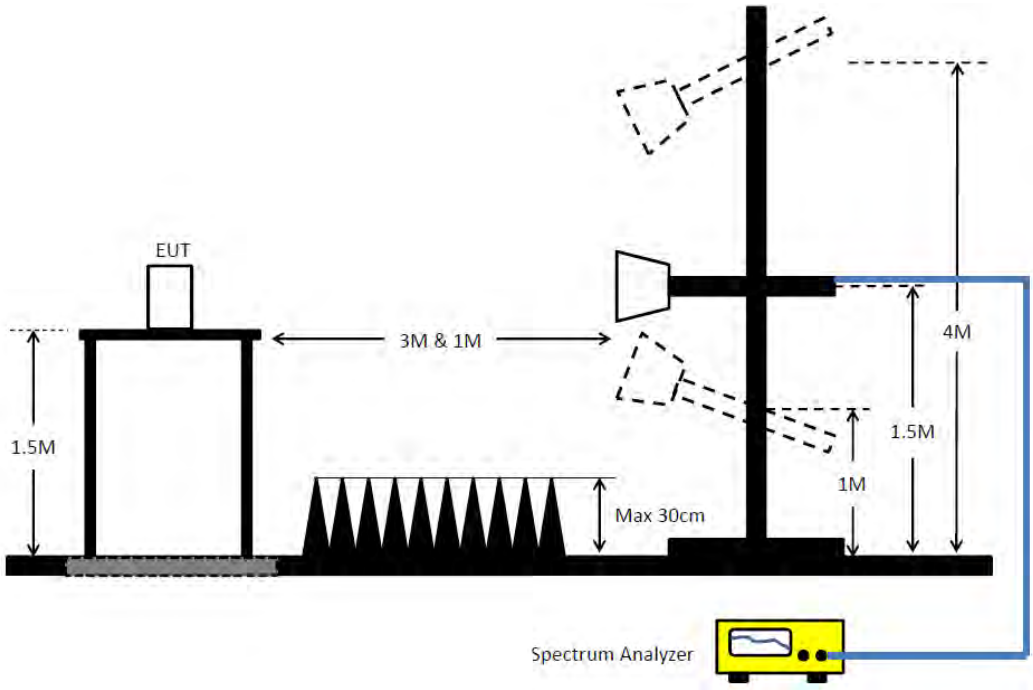
1. The testing follows Section 5.7 of ANSI C63.26-2015.
2. Connect the transmitter output port of EUT to the spectrum analyzer.
3. Set EUT to transmit at maximum output power.
4. Record the max trace vaule and capture test plot.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.7.5 Test Setup

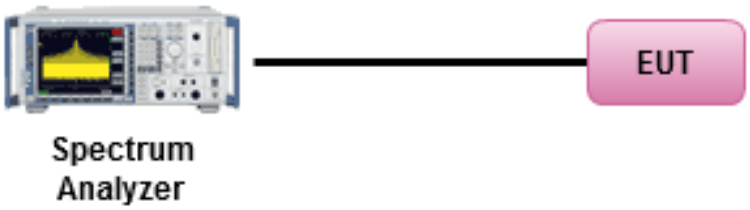
For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



For conducted emissions



3.7.6 Test Result of Field Strength of Spurious Radiated

For conducted emissions: Refer as Appendix F

For radiated emissions: Refer as Appendix G

3.8 Frequency Stability for Temperature & Voltage

3.8.1 Description of the Frequency Stability for Temperature & Voltage Measurement

The frequency stability of the transmitter shall be measured while varying the ambient temperatures and supply voltages over the ranges specified in Section 2.1055. And ensure that the fundamental emission stays within the authorized frequency block.

3.8.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

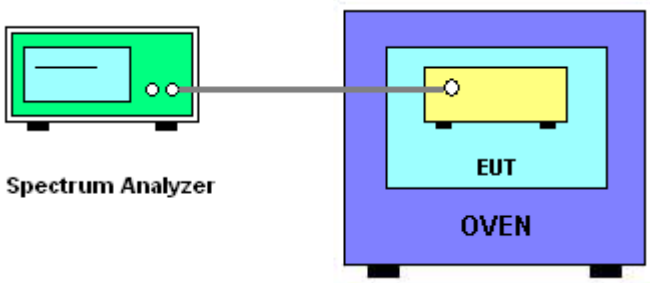
3.8.3 Test Procedures for Temperature Variation

1. The testing follows FCC KDB 971168 D01 v03r01 Section 9.0
2. The EUT was set up in the thermal chamber and connected to the spectrum analyzer.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in -30°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.
5. Frequency measurements shall be made at intervals of not more than 10° centigrade through the range.

3.8.4 Test Procedures for Voltage Variation

1. The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.
2. The EUT was placed in a temperature chamber at 25±5° C and connected to the spectrum analyzer.
3. The power supply voltage to the EUT was varied from 85 to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

3.8.5 Test Setup



3.8.6 Test Result of Temperature and Voltage Variation

Refer as Appendix H

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112 & N-6-06	2888 & AT-N0611	30MHz ~ 1GHz	Oct. 12, 2019	Oct. 11, 2020	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Aug. 21, 2019	Aug. 20, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-16+17	30 MHz ~ 1 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	May 30, 2019	May 29, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Cable	Marvelous Microwave	n/a	Cable-REF-1	9k-1GHz	Oct. 31, 2019	Oct. 30, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 40 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 06, 2019	Nov. 05, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410002	50MHz~18GHz	Nov. 06, 2019	Nov. 05, 2020	Conducted (TH01-CB)
MW Analog Signal Generator	Keysight	N5183A	MY50142965	100kHz~20GHz	Nov. 17, 2019	Nov. 16, 2020	Conducted (TH01-CB)
Vector Signal Generator	Agilent	E4438C	MY49072778	250kHz-6GHz	Aug. 30, 2019	Aug. 29, 2020	Conducted (TH01-CB)

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

5 Measurement Uncertainty

Test Items	Uncertainty	Remark
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%

Summary

Mode	Power (dBm)	Power (W)
Band 48	-	-
LTE_10MHz_Nss1,QPSK_2TX	28.49	0.706
LTE_10MHz_Nss1,16QAM_2TX	27.07	0.509
LTE_10MHz_Nss1,64QAM_2TX	28.54	0.714
LTE_20MHz_Nss1,QPSK_2TX	31.68	1.472
LTE_20MHz_Nss1,16QAM_2TX	30.54	1.132
LTE_20MHz_Nss1,64QAM_2TX	31.64	1.459

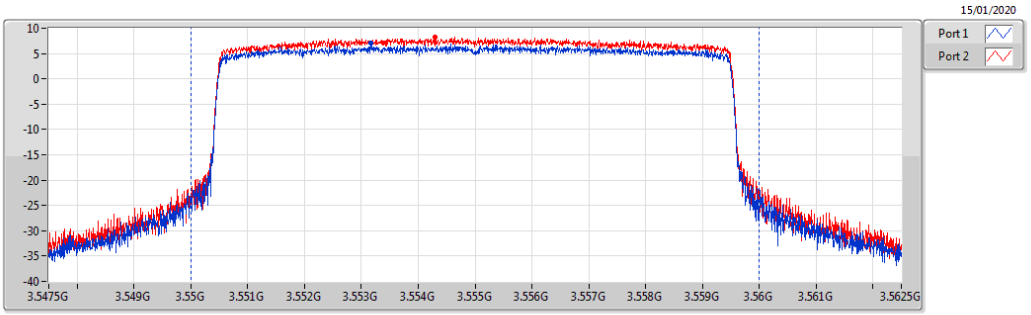
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Power (dBm)	Power (W)
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	14.25	24.74	26.11	28.49	0.706
3625MHz_RB 50,#RB 0	Pass	14.25	25.32	24.66	28.01	0.632
3695MHz_RB 50,#RB 0	Pass	14.25	24.78	25.20	28.01	0.632
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	14.25	23.26	24.40	26.88	0.488
3625MHz_RB 50,#RB 0	Pass	14.25	24.27	23.70	27.00	0.501
3695MHz_RB 50,#RB 0	Pass	14.25	23.87	24.25	27.07	0.509
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	14.25	24.75	26.19	28.54	0.714
3625MHz_RB 50,#RB 0	Pass	14.25	25.32	24.54	27.96	0.625
3695MHz_RB 50,#RB 0	Pass	14.25	25.38	24.76	28.09	0.644
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	27.99	29.10	31.59	1.442
3625MHz_RB 100,#RB 0	Pass	14.25	28.60	27.74	31.20	1.318
3690MHz_RB 100,#RB 0	Pass	14.25	28.60	28.73	31.68	1.472
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	27.14	27.88	30.54	1.132
3625MHz_RB 100,#RB 0	Pass	14.25	27.47	26.78	30.15	1.035
3690MHz_RB 100,#RB 0	Pass	14.25	27.22	27.39	30.32	1.076
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	27.99	29.05	31.56	1.432
3625MHz_RB 100,#RB 0	Pass	14.25	28.50	27.80	31.17	1.309
3690MHz_RB 100,#RB 0	Pass	14.25	28.56	28.69	31.64	1.459

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

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PowerAV**

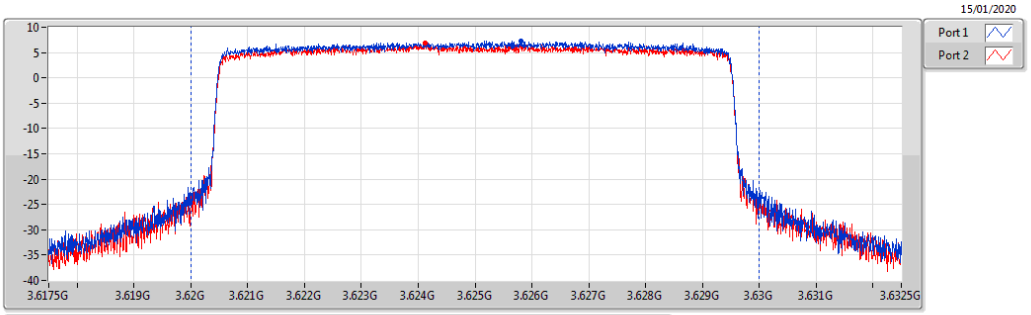
3555MHz_QPSK_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.74	3.555G	15M	1M	3M	20m	RMS	10M	1
26.11	3.555G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.49								

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PowerAV**

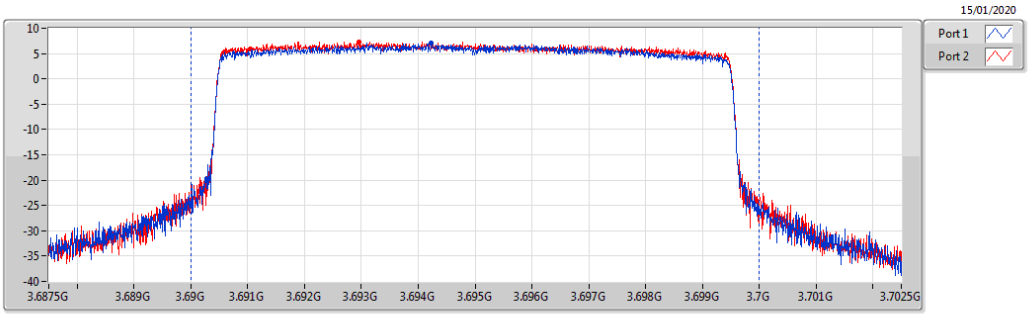
3625MHz_QPSK_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.32	3.625G	15M	1M	3M	20m	RMS	10M	1
24.66	3.625G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.01								

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PowerAV**

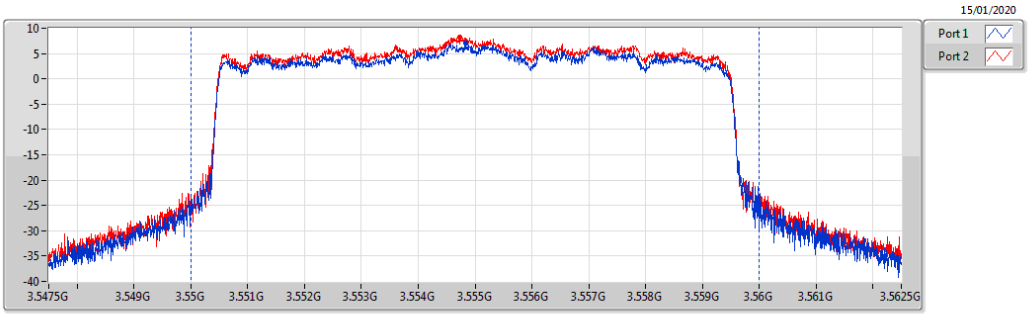
3695MHz_QPSK_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.78	3.695G	15M	1M	3M	20m	RMS	10M	1
25.20	3.695G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.01								

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PowerAV**

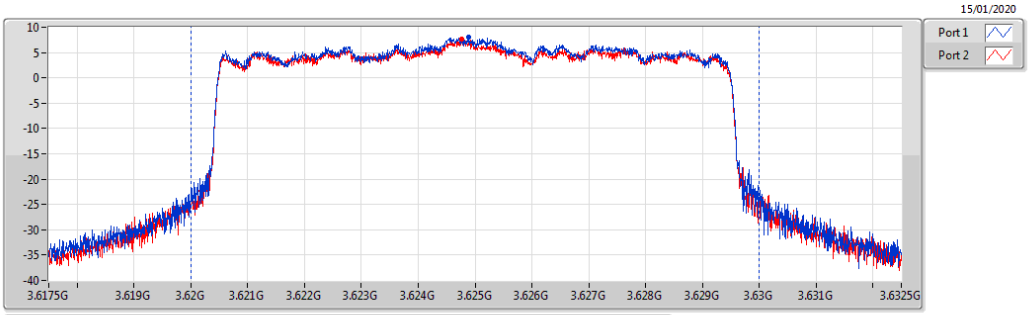
3555MHz_16QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.26	3.555G	15M	1M	3M	20m	RMS	10M	1
24.40	3.555G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
26.88								

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PowerAV**

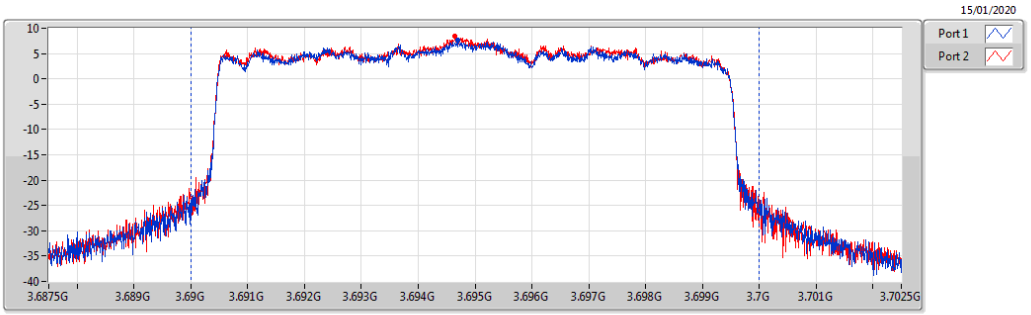
3625MHz_16QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.27	3.625G	15M	1M	3M	20m	RMS	10M	1
23.70	3.625G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.00								

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PowerAV**

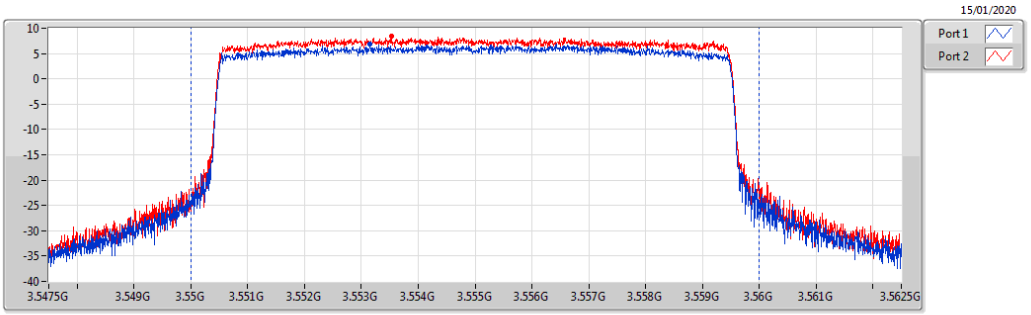
3695MHz_16QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.87	3.695G	15M	1M	3M	20m	RMS	10M	1
24.25	3.695G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.07								

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PowerAV**

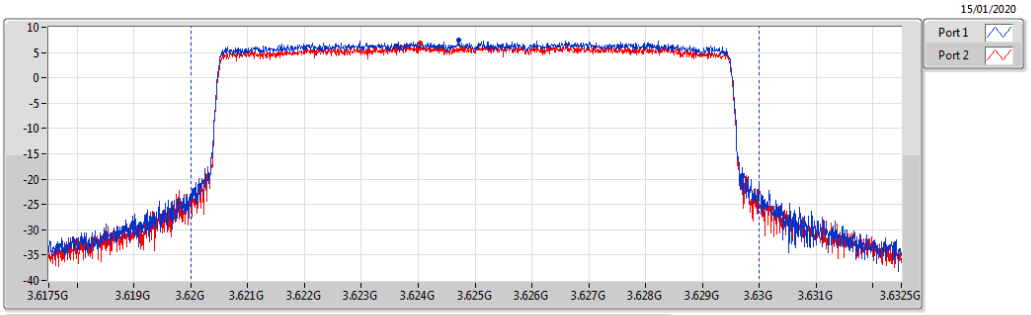
3555MHz_64QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.75	3.555G	15M	1M	3M	20m	RMS	10M	1
26.19	3.555G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.54								

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PowerAV**

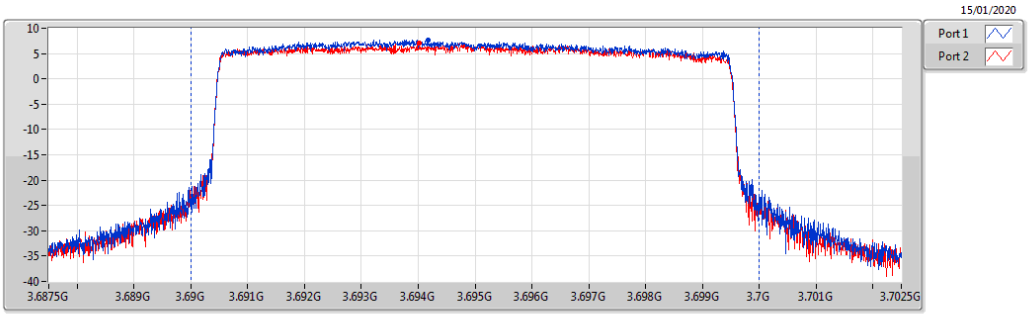
3625MHz_64QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.32	3.625G	15M	1M	3M	20m	RMS	10M	1
24.54	3.625G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.96								

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PowerAV**

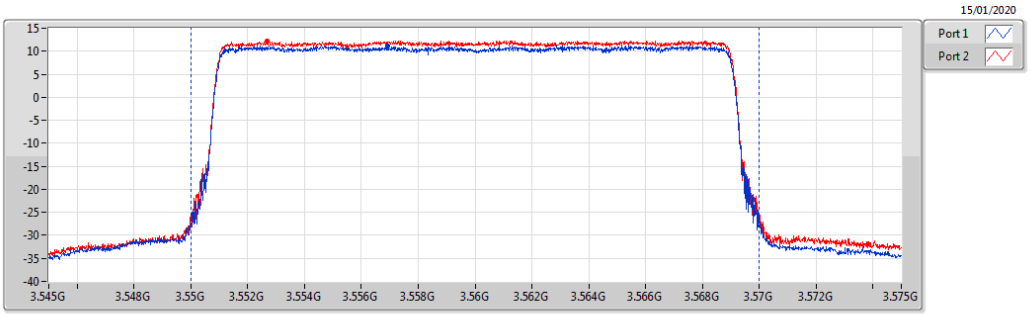
3695MHz_64QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.38	3.695G	15M	1M	3M	20m	RMS	10M	1
24.76	3.695G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.09								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

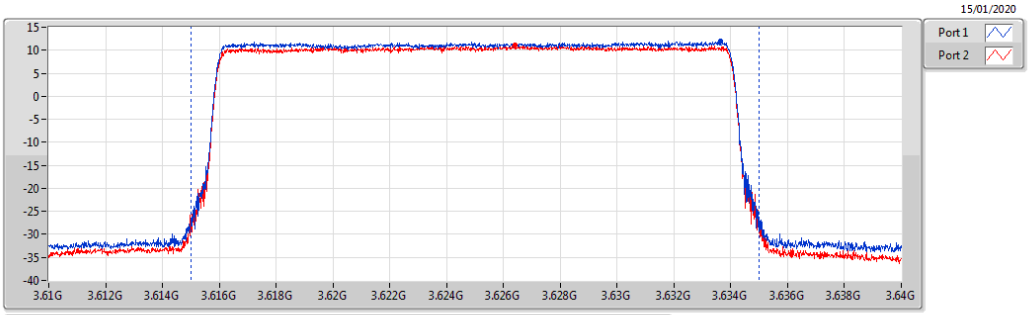
3560MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.99	3.56G	30M	1M	3M	20m	RMS	20M	1
29.10	3.56G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.59								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

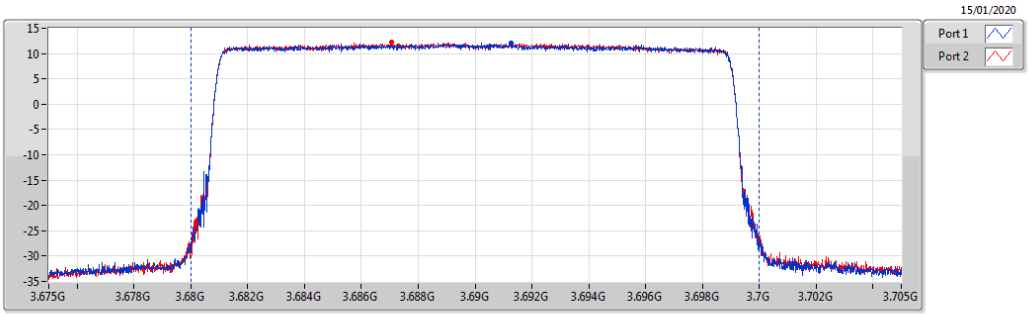
3625MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.60	3.625G	30M	1M	3M	20m	RMS	20M	1
27.74	3.625G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.20								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

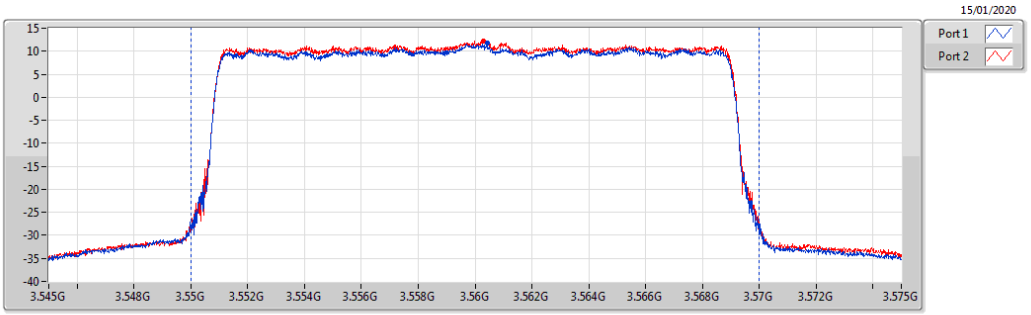
3690MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.60	3.69G	30M	1M	3M	20m	RMS	20M	1
28.73	3.69G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.68								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

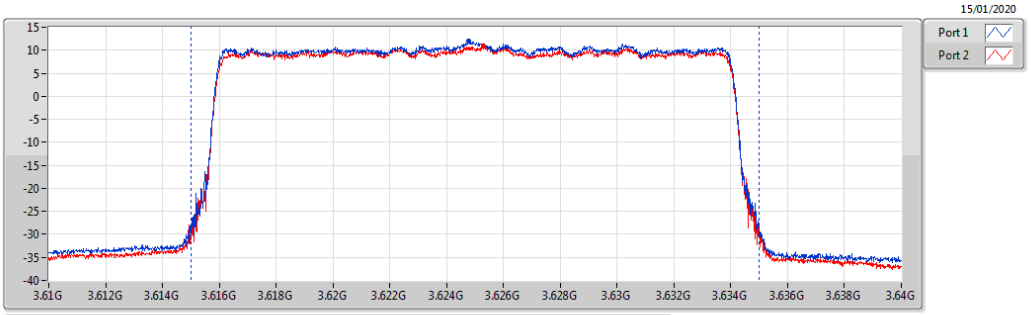
3560MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.14	3.56G	30M	1M	3M	20m	RMS	20M	1
27.88	3.56G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
30.54								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

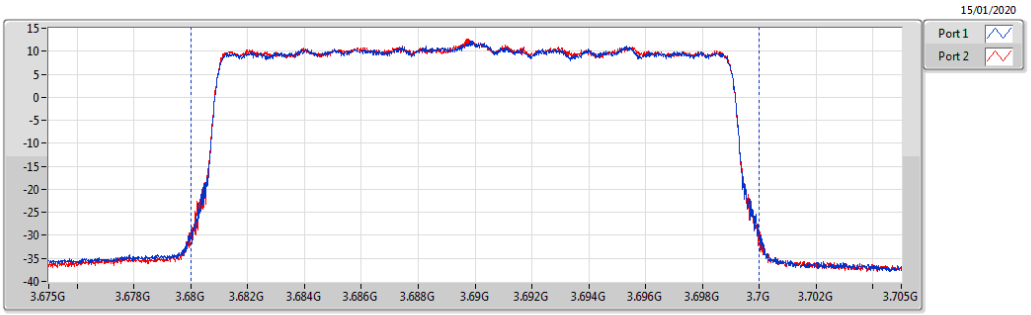
3625MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.47	3.625G	30M	1M	3M	20m	RMS	20M	1
26.78	3.625G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
30.15								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

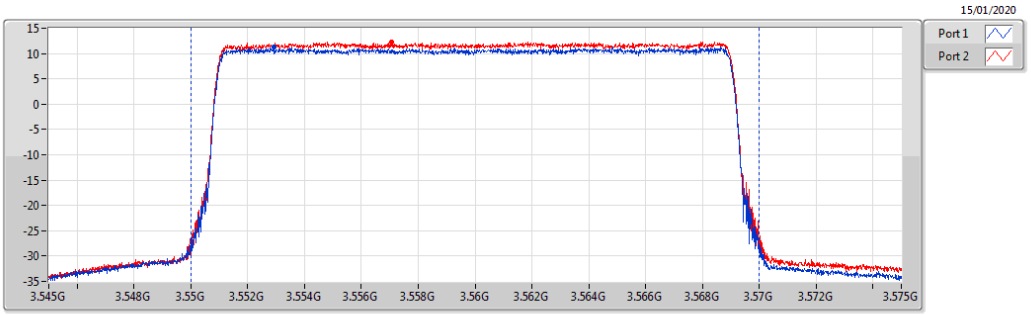
3690MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.22	3.69G	30M	1M	3M	20m	RMS	20M	1
27.39	3.69G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
30.32								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

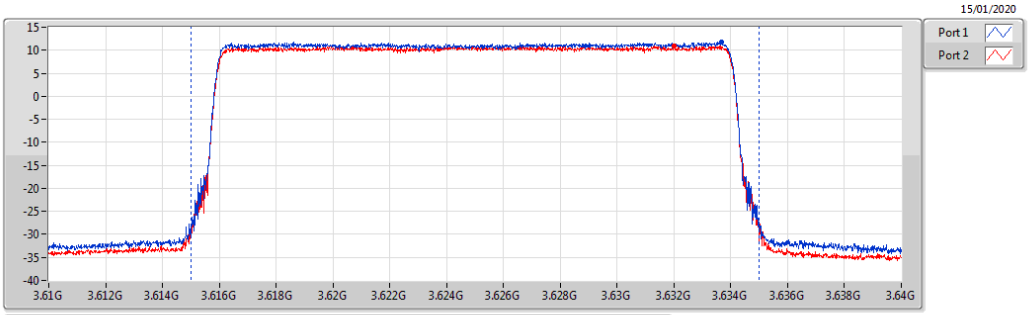
3560MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.99	3.56G	30M	1M	3M	20m	RMS	20M	1
29.05	3.56G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.56								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

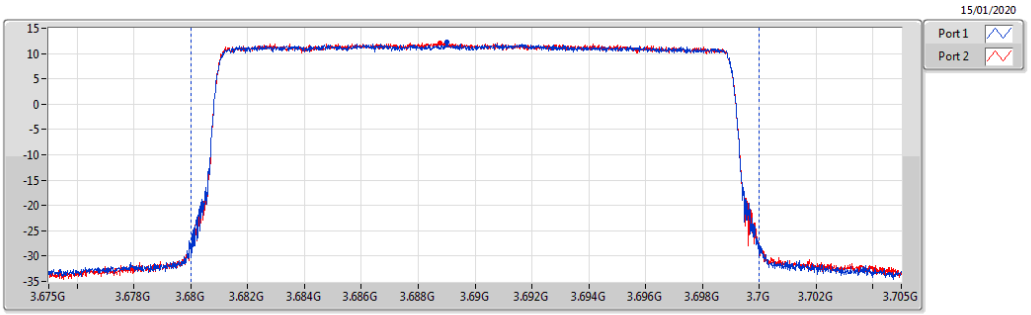
3625MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.50	3.625G	30M	1M	3M	20m	RMS	20M	1
27.80	3.625G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.17								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

3690MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.56	3.69G	30M	1M	3M	20m	RMS	20M	1
28.69	3.69G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.64								

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 48	-	-	-	-
LTE_10MHz_Nss1,QPSK_2TX	28.49	0.706	42.74	18.793
LTE_10MHz_Nss1,16QAM_2TX	27.07	0.509	41.32	13.552
LTE_10MHz_Nss1,64QAM_2TX	28.54	0.714	42.79	19.011
LTE_20MHz_Nss1,QPSK_2TX	31.68	1.472	45.93	39.174
LTE_20MHz_Nss1,16QAM_2TX	30.54	1.132	44.79	30.130
LTE_20MHz_Nss1,64QAM_2TX	31.64	1.459	45.89	38.815

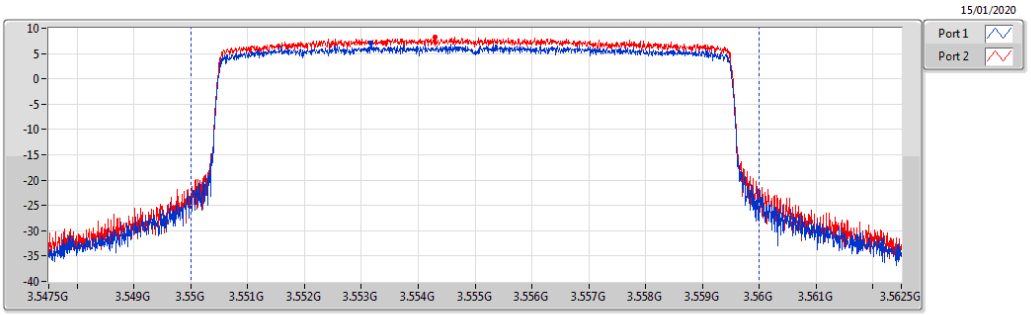
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	14.25	24.74	26.11	28.49	0.706	42.74	18.793	50.1
3625MHz_RB 50,#RB 0	Pass	14.25	25.32	24.66	28.01	0.632	42.26	16.827	50.1
3695MHz_RB 50,#RB 0	Pass	14.25	24.78	25.20	28.01	0.632	42.26	16.827	50.1
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	14.25	23.26	24.40	26.88	0.488	41.13	12.972	50.1
3625MHz_RB 50,#RB 0	Pass	14.25	24.27	23.70	27.00	0.501	41.25	13.335	50.1
3695MHz_RB 50,#RB 0	Pass	14.25	23.87	24.25	27.07	0.509	41.32	13.552	50.1
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	14.25	24.75	26.19	28.54	0.714	42.79	19.011	50.1
3625MHz_RB 50,#RB 0	Pass	14.25	25.32	24.54	27.96	0.625	42.21	16.634	50.1
3695MHz_RB 50,#RB 0	Pass	14.25	25.38	24.76	28.09	0.644	42.34	17.140	50.1
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	27.99	29.10	31.59	1.442	45.84	38.371	50.1
3625MHz_RB 100,#RB 0	Pass	14.25	28.60	27.74	31.20	1.318	45.45	35.075	50.1
3690MHz_RB 100,#RB 0	Pass	14.25	28.60	28.73	31.68	1.472	45.93	39.174	50.1
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	27.14	27.88	30.54	1.132	44.79	30.130	50.1
3625MHz_RB 100,#RB 0	Pass	14.25	27.47	26.78	30.15	1.035	44.40	27.542	50.1
3690MHz_RB 100,#RB 0	Pass	14.25	27.22	27.39	30.32	1.076	44.57	28.642	50.1
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	27.99	29.05	31.56	1.432	45.81	38.107	50.1
3625MHz_RB 100,#RB 0	Pass	14.25	28.50	27.80	31.17	1.309	45.42	34.834	50.1
3690MHz_RB 100,#RB 0	Pass	14.25	28.56	28.69	31.64	1.459	45.89	38.815	50.1

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

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PowerAV**

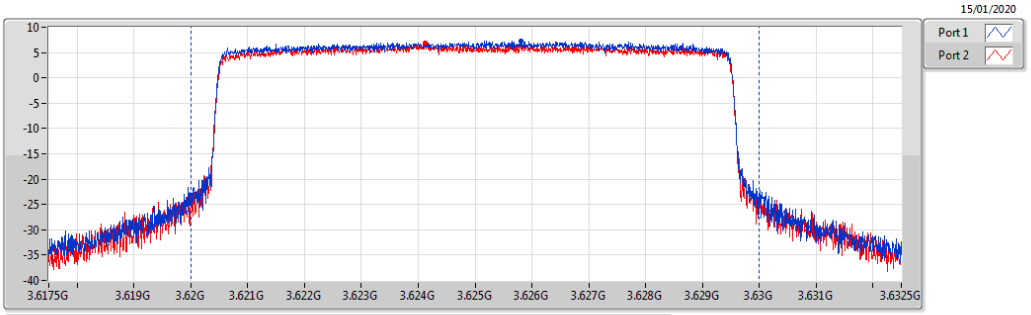
3555MHz_QPSK_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.74	3.555G	15M	1M	3M	20m	RMS	10M	1
26.11	3.555G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.49								

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PowerAV**

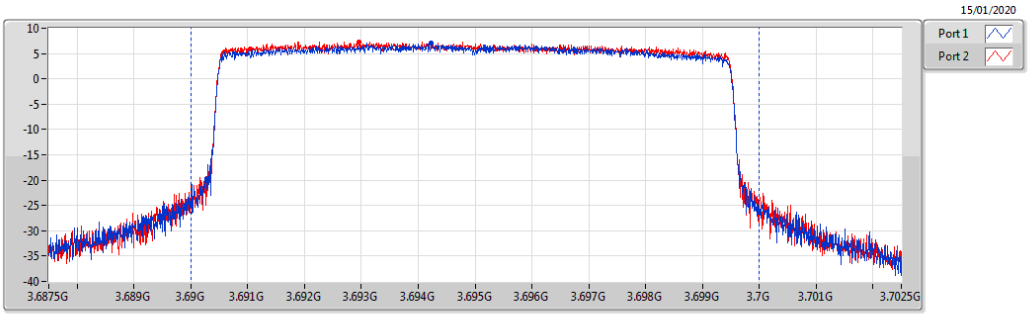
3625MHz_QPSK_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.32	3.625G	15M	1M	3M	20m	RMS	10M	1
24.66	3.625G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.01								

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PowerAV**

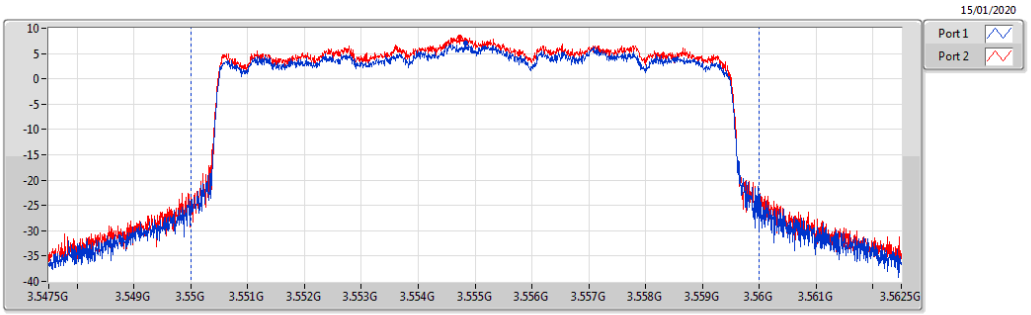
3695MHz_QPSK_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.78	3.695G	15M	1M	3M	20m	RMS	10M	1
25.20	3.695G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.01								

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PowerAV**

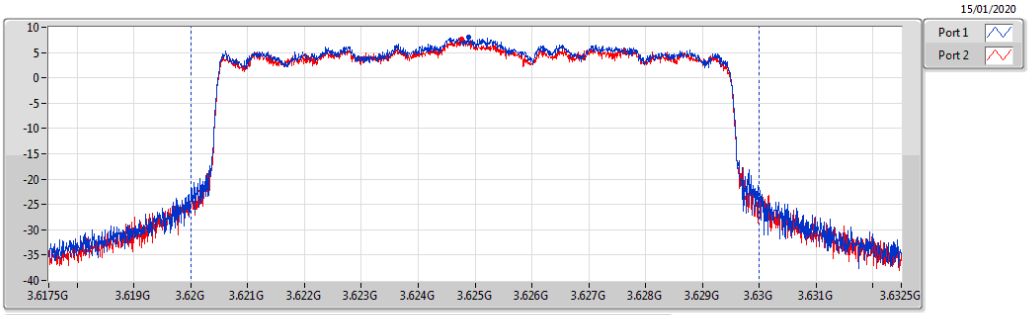
3555MHz_16QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.26	3.555G	15M	1M	3M	20m	RMS	10M	1
24.40	3.555G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
26.88								

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PowerAV**

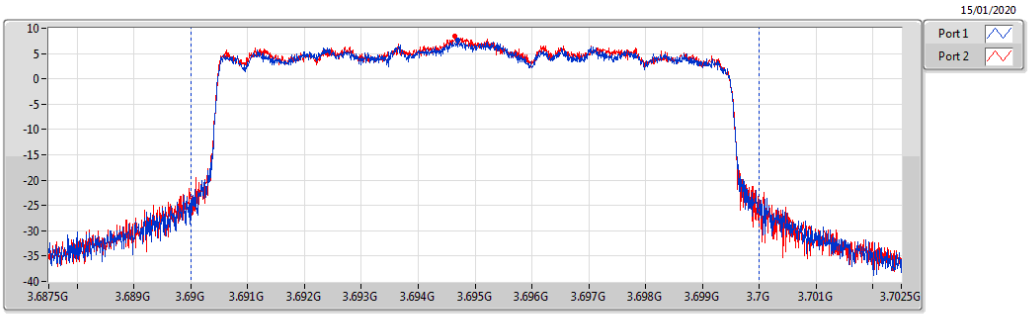
3625MHz_16QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.27	3.625G	15M	1M	3M	20m	RMS	10M	1
23.70	3.625G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.00								

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PowerAV**

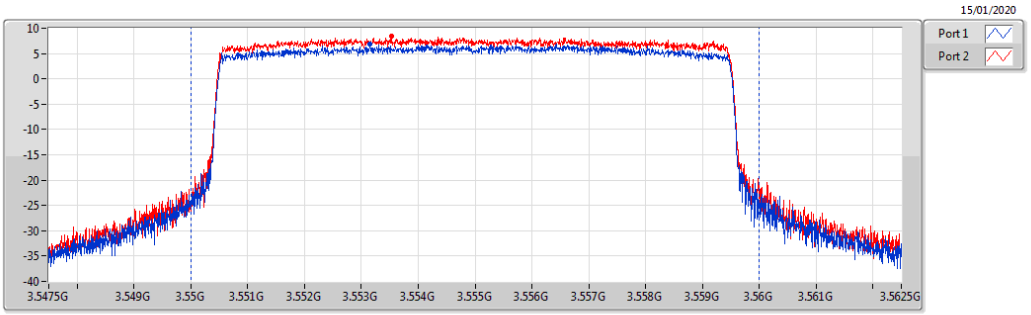
3695MHz_16QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.87	3.695G	15M	1M	3M	20m	RMS	10M	1
24.25	3.695G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.07								

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PowerAV**

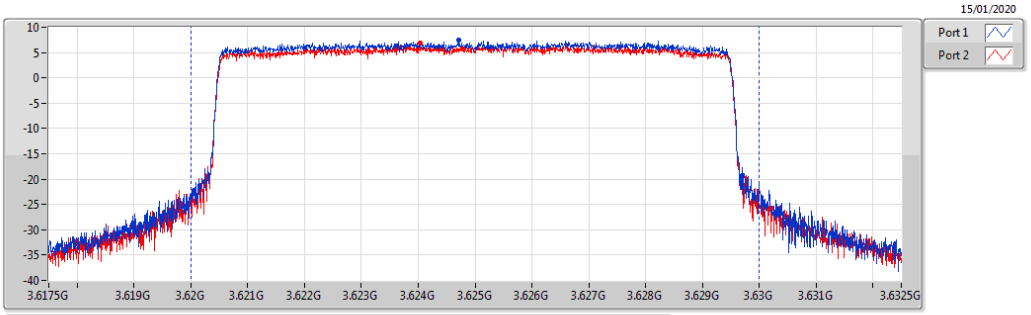
3555MHz_64QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.75	3.555G	15M	1M	3M	20m	RMS	10M	1
26.19	3.555G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.54								

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PowerAV**

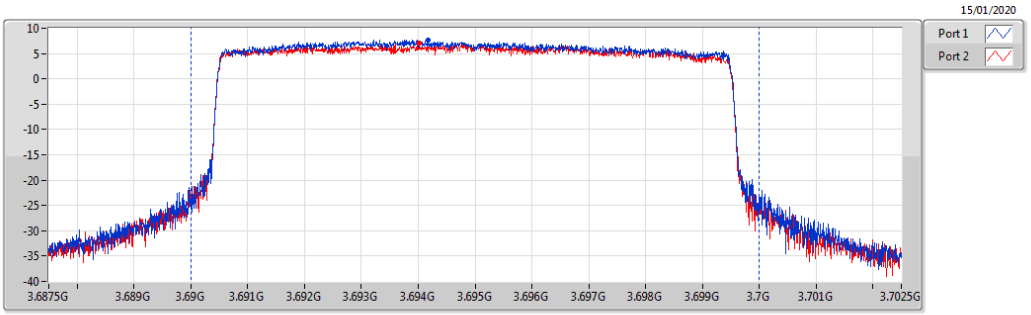
3625MHz_64QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.32	3.625G	15M	1M	3M	20m	RMS	10M	1
24.54	3.625G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.96								

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PowerAV**

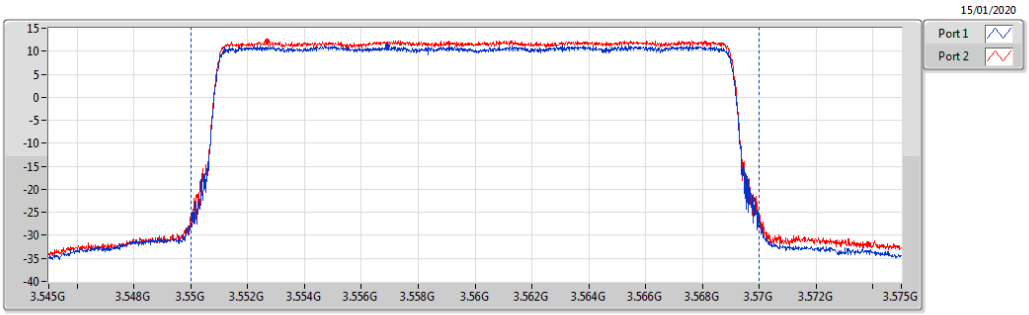
3695MHz_64QAM_RB 50,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.38	3.695G	15M	1M	3M	20m	RMS	10M	1
24.76	3.695G	15M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.09								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

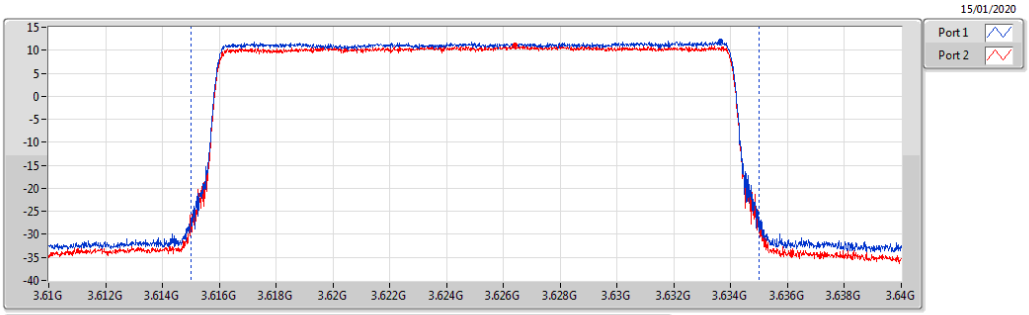
3560MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.99	3.56G	30M	1M	3M	20m	RMS	20M	1
29.10	3.56G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.59								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

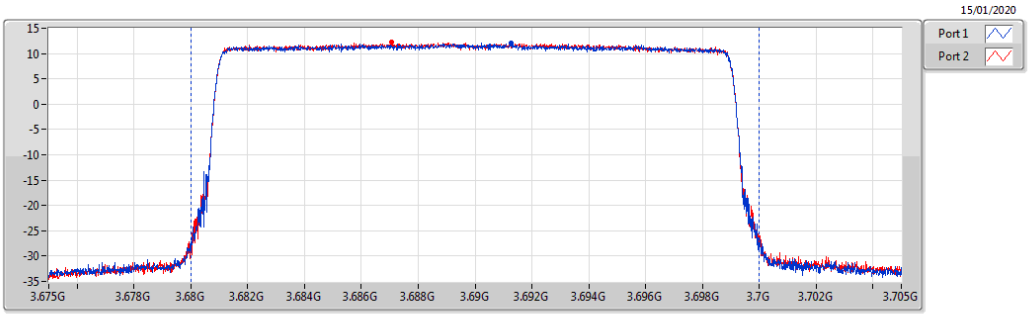
3625MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.60	3.625G	30M	1M	3M	20m	RMS	20M	1
27.74	3.625G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.20								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

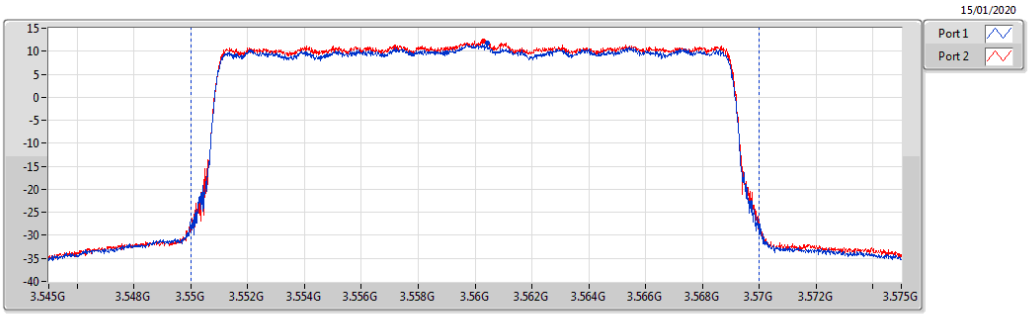
3690MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.60	3.69G	30M	1M	3M	20m	RMS	20M	1
28.73	3.69G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.68								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

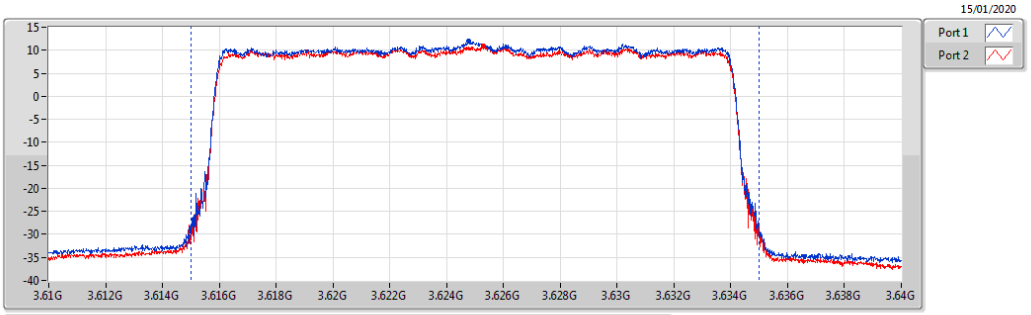
3560MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.14	3.56G	30M	1M	3M	20m	RMS	20M	1
27.88	3.56G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
30.54								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

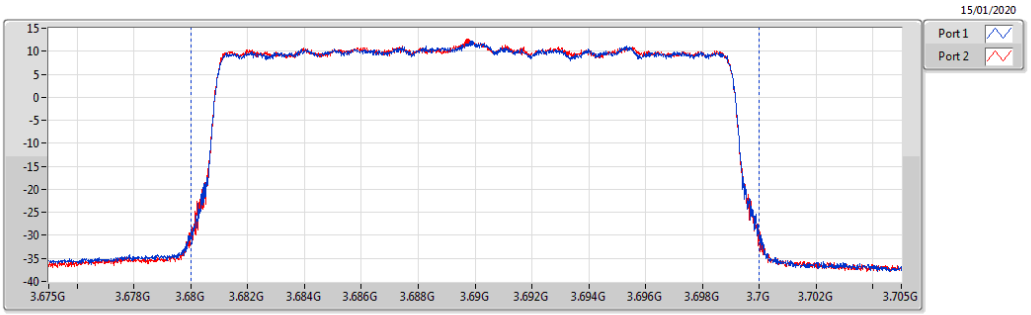
3625MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.47	3.625G	30M	1M	3M	20m	RMS	20M	1
26.78	3.625G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
30.15								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

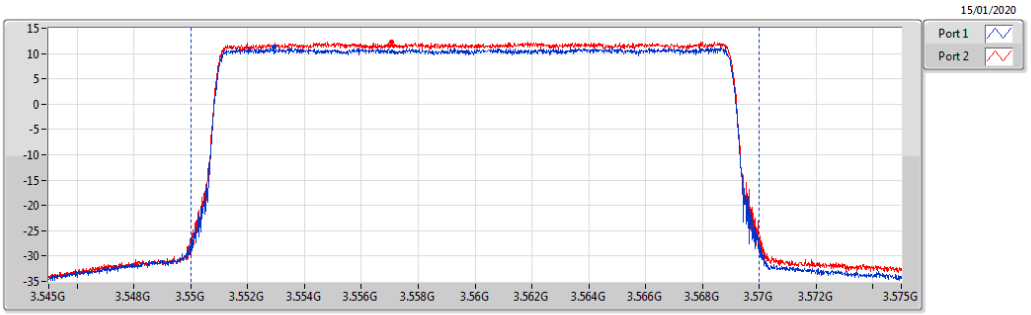
3690MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.22	3.69G	30M	1M	3M	20m	RMS	20M	1
27.39	3.69G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
30.32								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

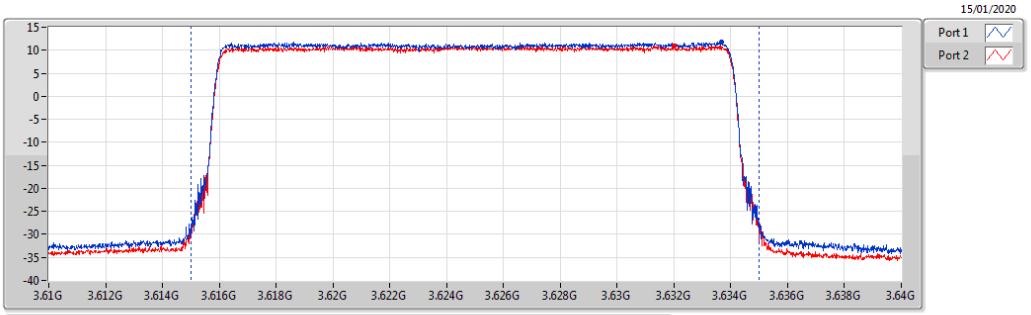
3560MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
27.99	3.56G	30M	1M	3M	20m	RMS	20M	1
29.05	3.56G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.56								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

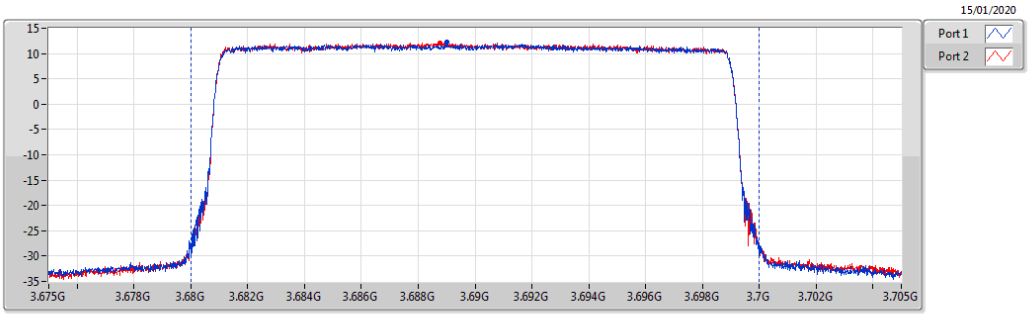
3625MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.50	3.625G	30M	1M	3M	20m	RMS	20M	1
27.80	3.625G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.17								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

3690MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
28.56	3.69G	30M	1M	3M	20m	RMS	20M	1
28.69	3.69G	30M	1M	3M	20m	RMS	20M	2
Sum(dBm)								
31.64								

Summary

Mode	Power (dBm/10MHz)	Power (W)	EIRP (dBm/10MHz)	EIRP (W)
Band 48	-	-	-	-
LTE_20MHz_Nss1,QPSK_2TX	29.01	0.796	43.26	21.184
LTE_20MHz_Nss1,16QAM_2TX	27.89	0.615	42.14	16.368
LTE_20MHz_Nss1,64QAM_2TX	28.98	0.791	43.23	21.038

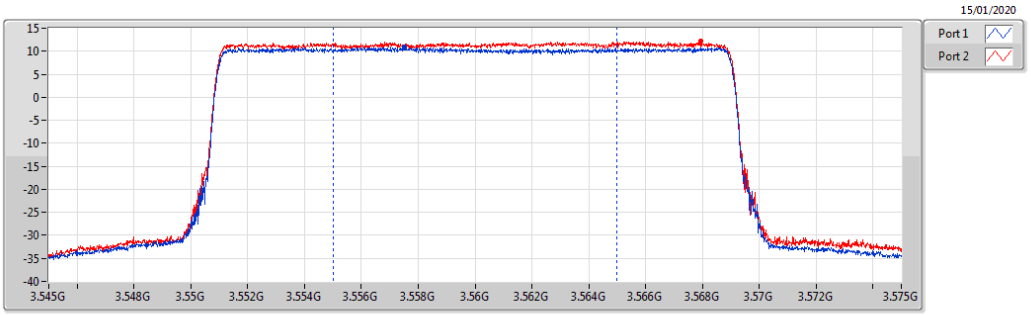
Result

Mode	Result	DG (dBi)	Port 1 (dBm/10MHz)	Port 2 (dBm/10MHz)	Power (dBm/10MHz)	Power (W)	EIRP (dBm/10MHz)	EIRP (W)	EIRP Lim. (W)
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	25.12	26.25	28.73	0.746	42.98	19.861	50.1
3625MHz_RB 100,#RB 0	Pass	14.25	25.41	24.79	28.12	0.649	42.37	17.258	50.1
3690MHz_RB 100,#RB 0	Pass	14.25	25.88	26.11	29.01	0.796	43.26	21.184	50.1
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	24.52	25.22	27.89	0.615	42.14	16.368	50.1
3625MHz_RB 100,#RB 0	Pass	14.25	24.79	24.31	27.57	0.571	41.82	15.205	50.1
3690MHz_RB 100,#RB 0	Pass	14.25	24.72	24.81	27.78	0.600	42.03	15.959	50.1
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	14.25	25.16	26.18	28.71	0.743	42.96	19.770	50.1
3625MHz_RB 100,#RB 0	Pass	14.25	25.61	24.73	28.20	0.661	42.45	17.579	50.1
3690MHz_RB 100,#RB 0	Pass	14.25	25.90	26.03	28.98	0.791	43.23	21.038	50.1

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

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

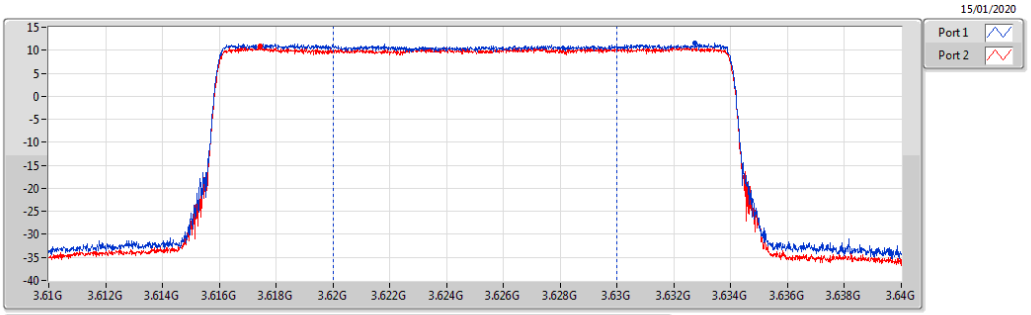
3560MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.12	3.56G	30M	1M	3M	20m	RMS	10M	1
26.25	3.56G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.73								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

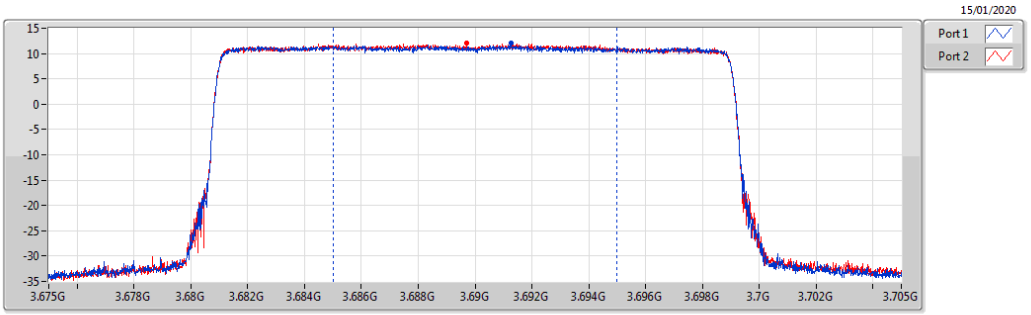
3625MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.41	3.625G	30M	1M	3M	20m	RMS	10M	1
24.79	3.625G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.12								

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PowerAV**

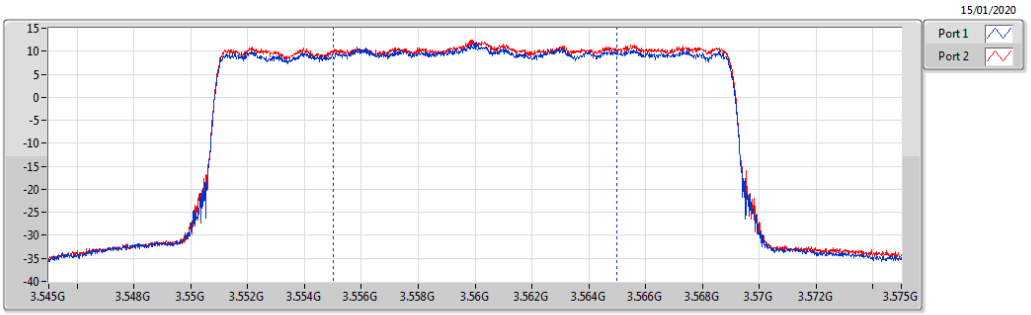
3690MHz_QPSK_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.88	3.69G	30M	1M	3M	20m	RMS	10M	1
26.11	3.69G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
29.01								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

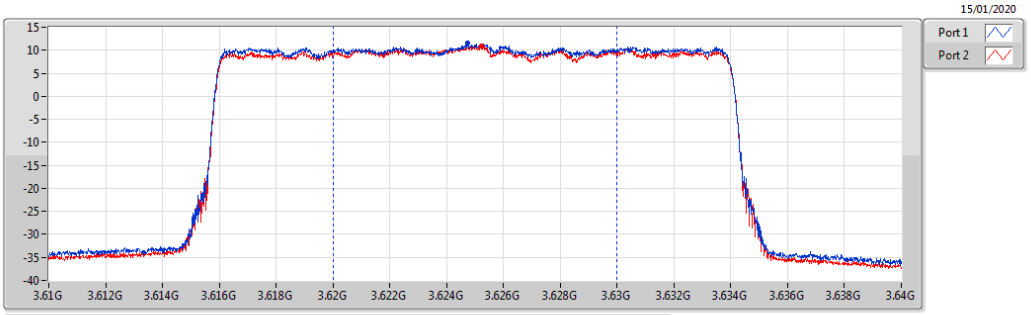
3560MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.52	3.56G	30M	1M	3M	20m	RMS	10M	1
25.22	3.56G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.89								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

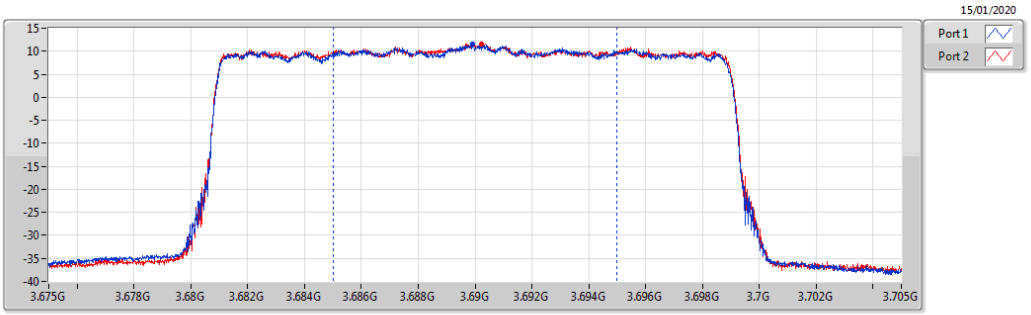
3625MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.79	3.625G	30M	1M	3M	20m	RMS	10M	1
24.31	3.625G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.57								

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PowerAV**

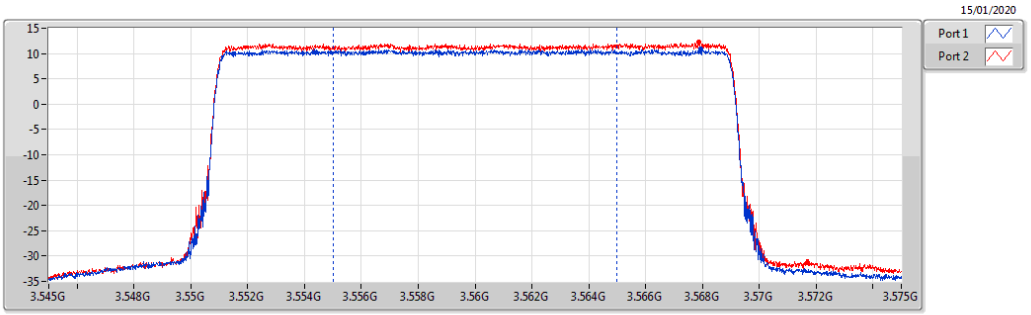
3690MHz_16QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.72	3.69G	30M	1M	3M	20m	RMS	10M	1
24.81	3.69G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
27.78								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

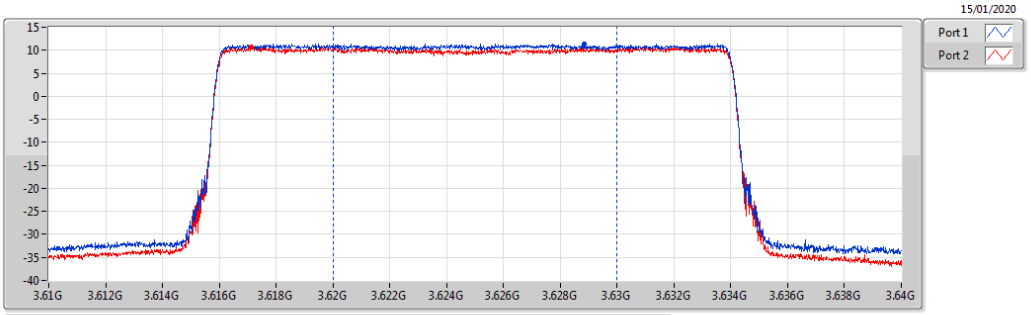
3560MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.16	3.56G	30M	1M	3M	20m	RMS	10M	1
26.18	3.56G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.71								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

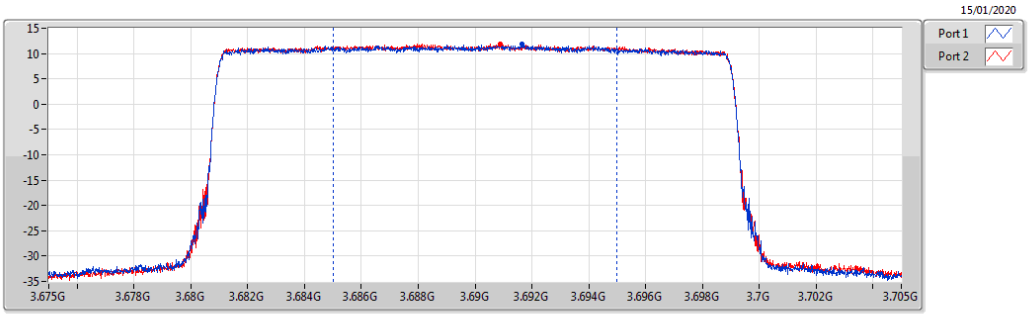
3625MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.61	3.625G	30M	1M	3M	20m	RMS	10M	1
24.73	3.625G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.20								

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PowerAV**

3690MHz_64QAM_RB 100,#RB 0



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
25.90	3.69G	30M	1M	3M	20m	RMS	10M	1
26.03	3.69G	30M	1M	3M	20m	RMS	10M	2
Sum(dBm)								
28.98								

Summary

Mode	PD (dBm/MHz)	EIRP PD (dBm/MHz)
Band 48	-	-
LTE_10MHz_Nss1,QPSK_2TX	19.63	36.89
LTE_10MHz_Nss1,16QAM_2TX	19.59	36.85
LTE_10MHz_Nss1,64QAM_2TX	19.65	36.91
LTE_20MHz_Nss1,QPSK_2TX	19.73	36.99
LTE_20MHz_Nss1,16QAM_2TX	19.53	36.79
LTE_20MHz_Nss1,64QAM_2TX	19.65	36.91

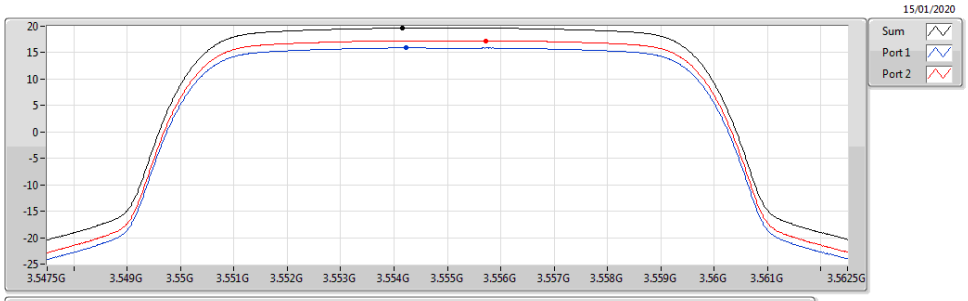
Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	PD (dBm/MHz)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	17.26	15.88	17.25	19.63	36.89	37.00
3625MHz_RB 50,#RB 0	Pass	17.26	16.60	15.90	19.27	36.53	37.00
3695MHz_RB 50,#RB 0	Pass	17.26	16.15	16.46	19.32	36.58	37.00
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	17.26	15.71	16.90	19.28	36.54	37.00
3625MHz_RB 50,#RB 0	Pass	17.26	16.93	16.21	19.59	36.85	37.00
3695MHz_RB 50,#RB 0	Pass	17.26	16.35	16.71	19.44	36.70	37.00
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	17.26	15.89	17.28	19.65	36.91	37.00
3625MHz_RB 50,#RB 0	Pass	17.26	16.67	15.97	19.34	36.60	37.00
3695MHz_RB 50,#RB 0	Pass	17.26	16.71	16.05	19.40	36.66	37.00
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	17.26	15.82	16.96	19.44	36.70	37.00
3625MHz_RB 100,#RB 0	Pass	17.26	16.48	15.79	19.16	36.42	37.00
3690MHz_RB 100,#RB 0	Pass	17.26	16.65	16.78	19.73	36.99	37.00
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	17.26	16.06	16.89	19.50	36.76	37.00
3625MHz_RB 100,#RB 0	Pass	17.26	16.71	15.99	19.37	36.63	37.00
3690MHz_RB 100,#RB 0	Pass	17.26	16.43	16.61	19.53	36.79	37.00
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	17.26	15.95	17.08	19.56	36.82	37.00
3625MHz_RB 100,#RB 0	Pass	17.26	16.62	15.95	19.31	36.57	37.00
3690MHz_RB 100,#RB 0	Pass	17.26	16.58	16.70	19.65	36.91	37.00

DG = Directional Gain;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PSD**

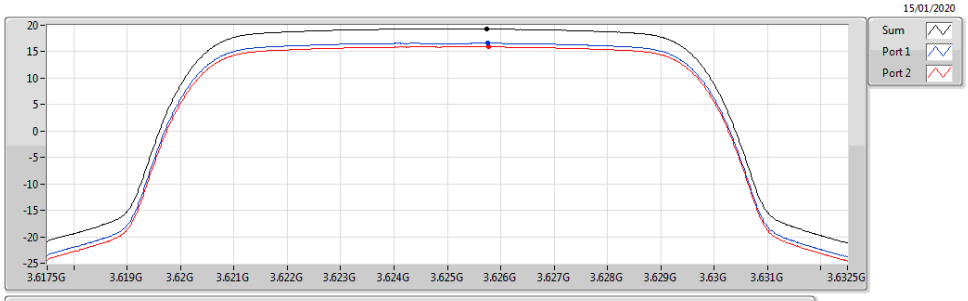
3555MHz_QPSK_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
15.88	3.555G	15M	1M	3M	10	RMS	1
17.25	3.555G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.63							

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PSD**

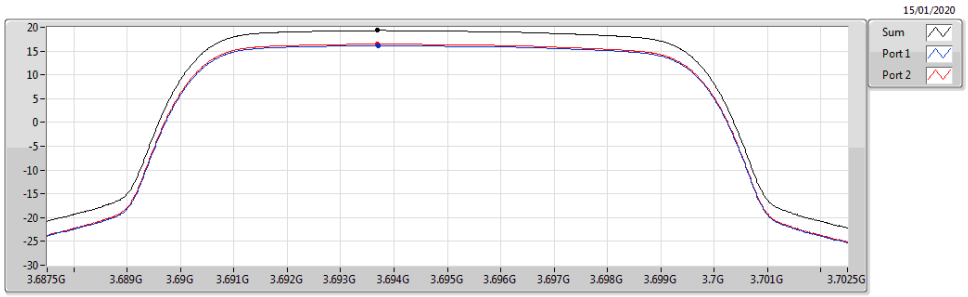
3625MHz_QPSK_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.60	3.625G	15M	1M	3M	10	RMS	1
15.90	3.625G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.27							

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PSD**

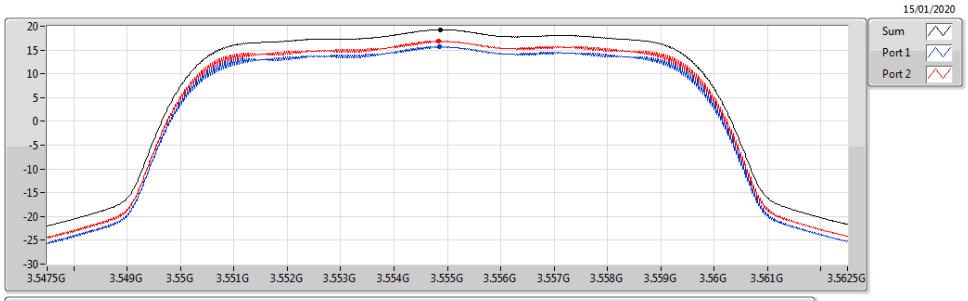
3695MHz_QPSK_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.15	3.695G	15M	1M	3M	10	RMS	1
16.46	3.695G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.32							

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PSD**

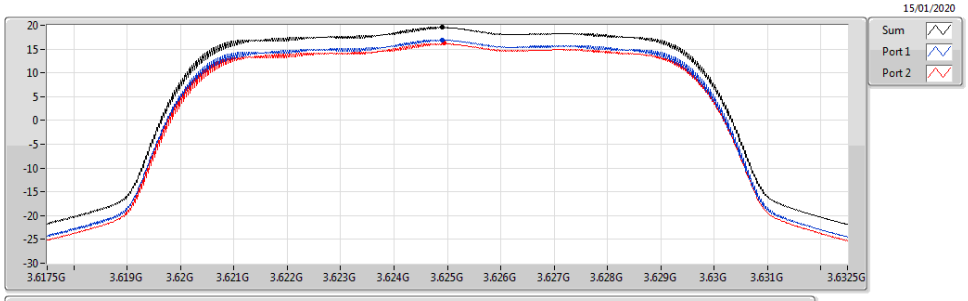
3555MHz_16QAM_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
15.71	3.555G	15M	1M	3M	10	RMS	1
16.90	3.555G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.28							

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PSD**

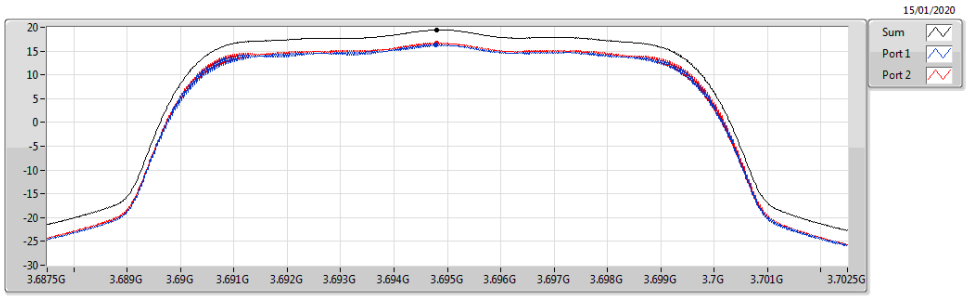
3625MHz_16QAM_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.93	3.625G	15M	1M	3M	10	RMS	1
16.21	3.625G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.59							

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PSD**

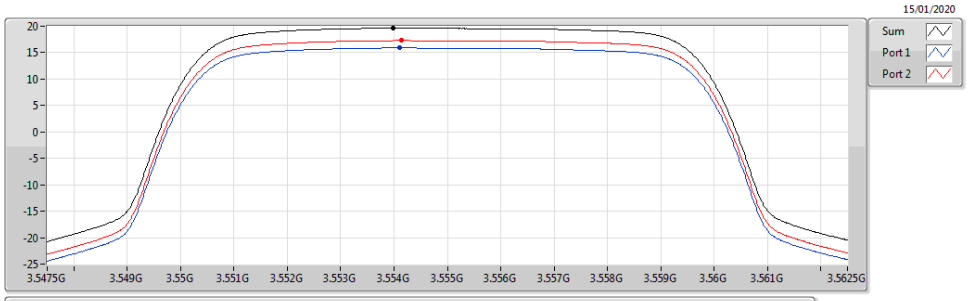
3695MHz_16QAM_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.35	3.695G	15M	1M	3M	10	RMS	1
16.71	3.695G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.44							

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PSD**

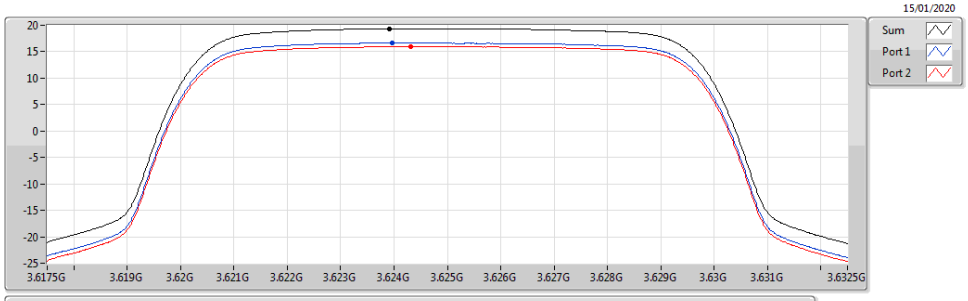
3555MHz_64QAM_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
15.89	3.555G	15M	1M	3M	10	RMS	1
17.28	3.555G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.65							

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PSD**

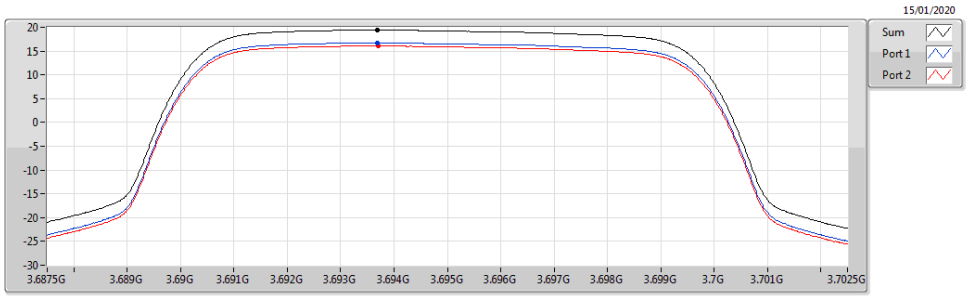
3625MHz_64QAM_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.67	3.625G	15M	1M	3M	10	RMS	1
15.97	3.625G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.34							

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PSD**

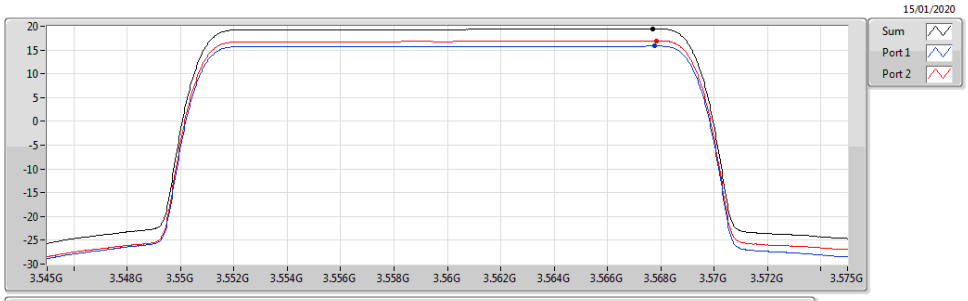
3695MHz_64QAM_RB 50,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.71	3.695G	15M	1M	3M	10	RMS	1
16.05	3.695G	15M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.40							

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PSD**

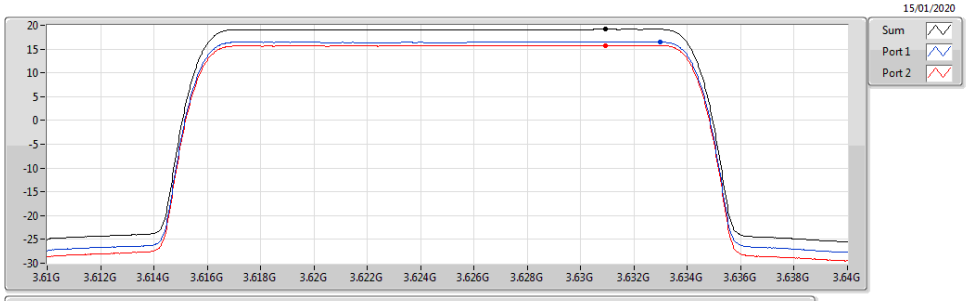
3560MHz_QPSK_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
15.82	3.56G	30M	1M	3M	10	RMS	1
16.96	3.56G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.44							

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PSD**

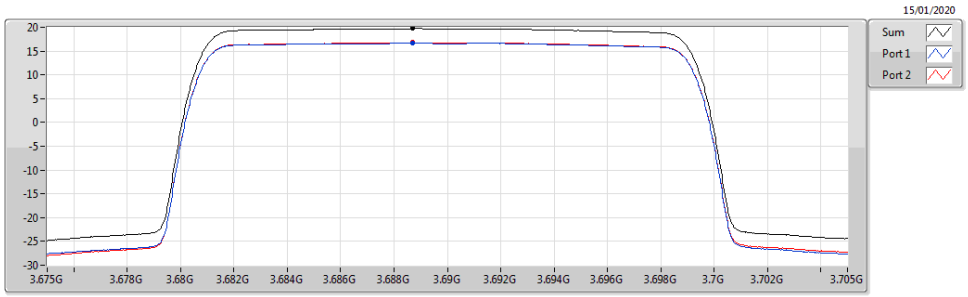
3625MHz_QPSK_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.48	3.625G	30M	1M	3M	10	RMS	1
15.79	3.625G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.16							

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PSD**

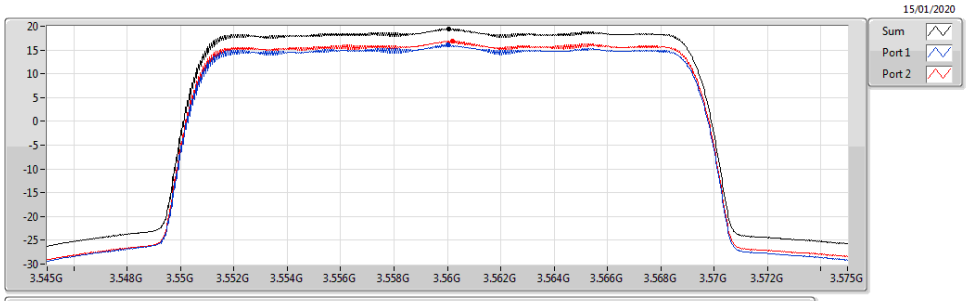
3690MHz_QPSK_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.65	3.69G	30M	1M	3M	10	RMS	1
16.78	3.69G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.73							

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PSD**

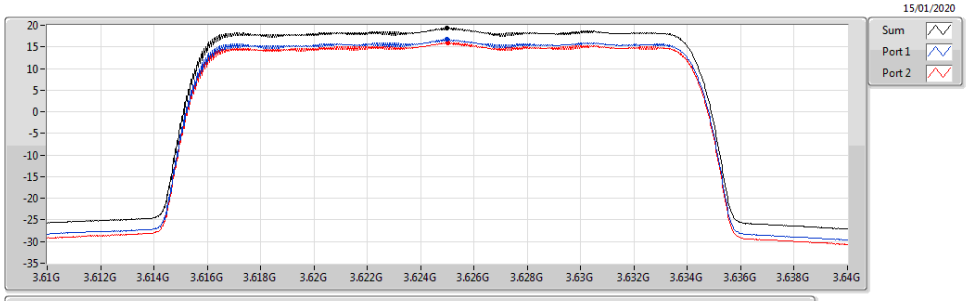
3560MHz_16QAM_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.06	3.56G	30M	1M	3M	10	RMS	1
16.89	3.56G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.50							

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PSD**

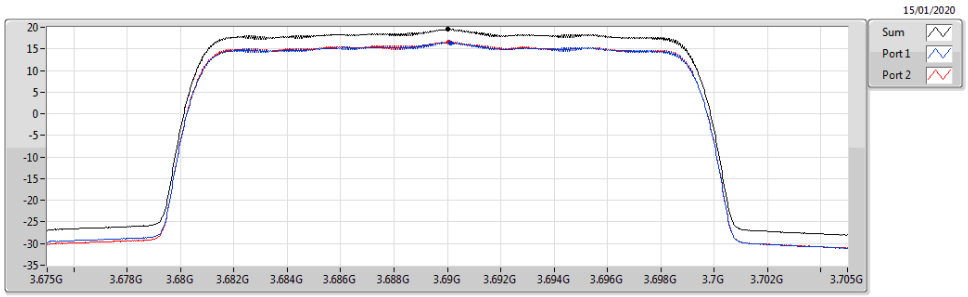
3625MHz_16QAM_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.71	3.625G	30M	1M	3M	10	RMS	1
15.99	3.625G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.37							

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PSD**

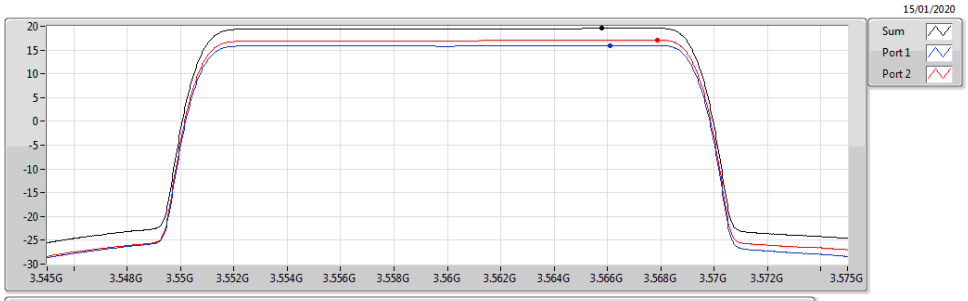
3690MHz_16QAM_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.43	3.69G	30M	1M	3M	10	RMS	1
16.61	3.69G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.53							

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PSD**

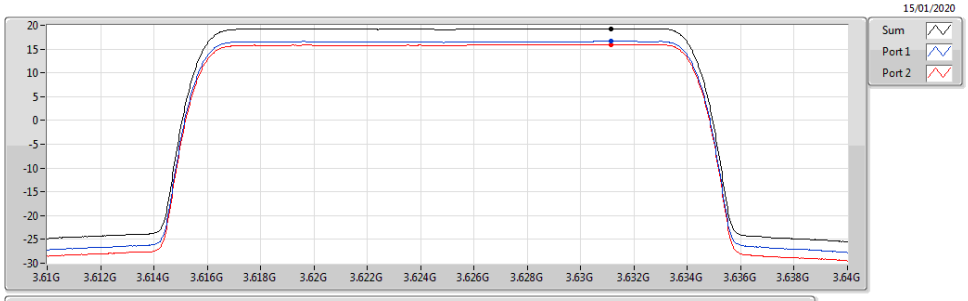
3560MHz_64QAM_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
15.95	3.56G	30M	1M	3M	10	RMS	1
17.08	3.56G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.56							

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PSD**

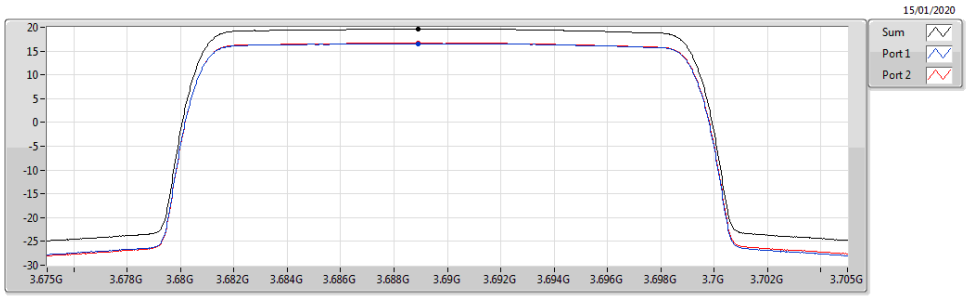
3625MHz_64QAM_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.62	3.625G	30M	1M	3M	10	RMS	1
15.95	3.625G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.31							

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PSD**

3690MHz_64QAM_RB 100,#RB 0



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
16.58	3.69G	30M	1M	3M	10	RMS	1
16.70	3.69G	30M	1M	3M	10	RMS	2
Sum PD							
(dBm/MHz)							
19.65							

Summary

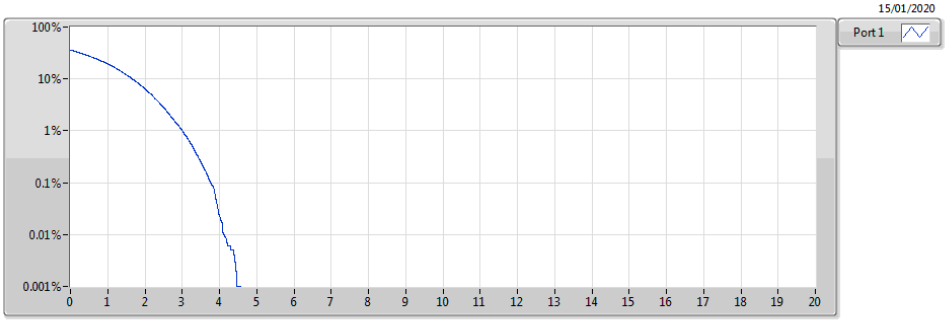
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 48	-	-	-	-	-
LTE_10MHz_Nss1,QPSK_2TX	Pass	3695	13.00	9.77	1
LTE_10MHz_Nss1,16QAM_2TX	Pass	3695	13.00	10.45	1
LTE_10MHz_Nss1,64QAM_2TX	Pass	3695	13.00	9.53	1
LTE_20MHz_Nss1,QPSK_2TX	Pass	3560	13.00	10.98	1
LTE_20MHz_Nss1,16QAM_2TX	Pass	3625	13.00	12.26	1
LTE_20MHz_Nss1,64QAM_2TX	Pass	3560	13.00	11.14	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	3555	13.00	9.40	1
3625MHz_RB 50,#RB 0	Pass	3625	13.00	8.96	1
3695MHz_RB 50,#RB 0	Pass	3695	13.00	9.77	1
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	3555	13.00	9.85	1
3625MHz_RB 50,#RB 0	Pass	3625	13.00	9.27	1
3695MHz_RB 50,#RB 0	Pass	3695	13.00	10.45	1
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	3555	13.00	8.86	1
3625MHz_RB 50,#RB 0	Pass	3625	13.00	9.44	1
3695MHz_RB 50,#RB 0	Pass	3695	13.00	9.53	1
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	3560	13.00	10.98	1
3625MHz_RB 100,#RB 0	Pass	3625	13.00	8.80	1
3690MHz_RB 100,#RB 0	Pass	3690	13.00	8.16	1
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	3560	13.00	9.49	1
3625MHz_RB 100,#RB 0	Pass	3625	13.00	12.26	1
3690MHz_RB 100,#RB 0	Pass	3690	13.00	10.04	1
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	3560	13.00	11.14	1
3625MHz_RB 100,#RB 0	Pass	3625	13.00	9.18	1
3690MHz_RB 100,#RB 0	Pass	3690	13.00	10.92	1

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PAR**

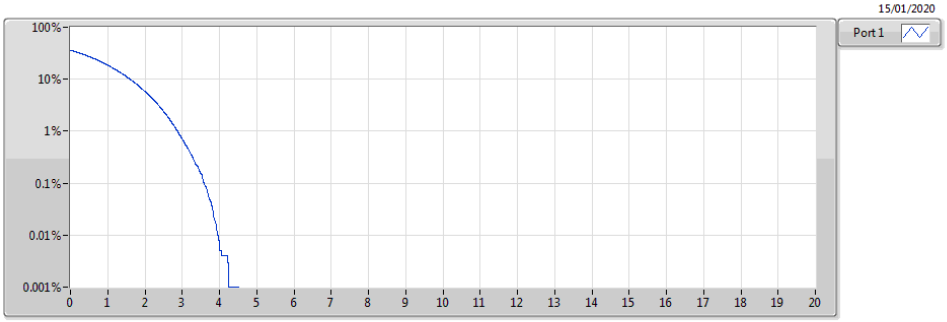
3555MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.40	-3.60	13.00	1

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PAR**

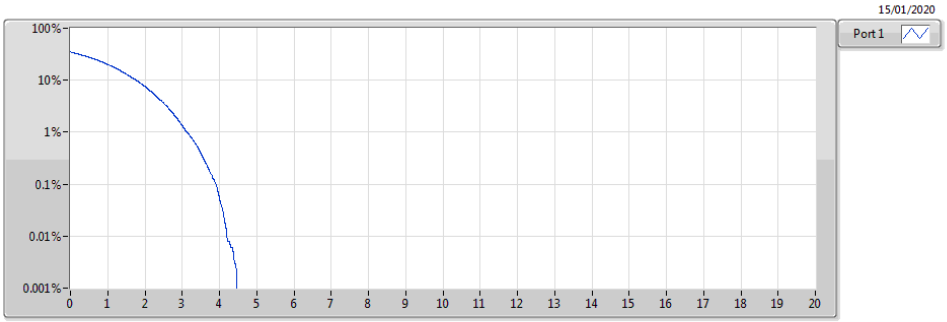
3625MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	8.96	-4.04	13.00	1

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PAR**

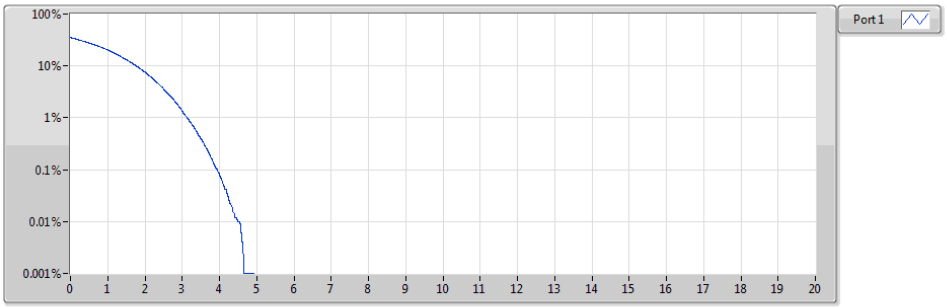
3695MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	9.77	-3.23	13.00	1

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PAR**

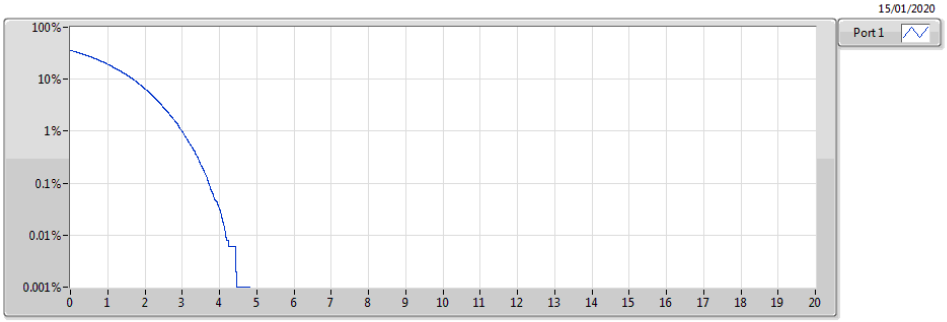
3555MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.85	-3.15	13.00	1

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PAR**

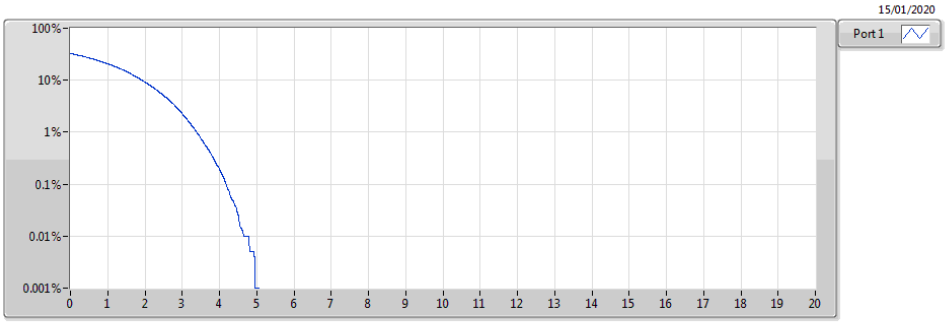
3625MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.27	-3.73	13.00	1

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PAR**

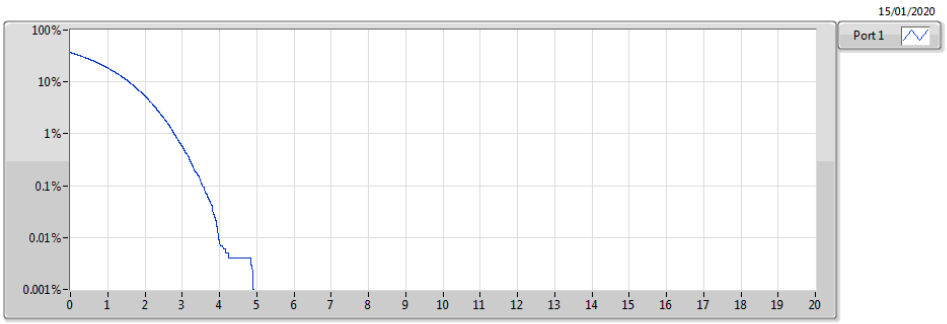
3695MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	10.45	-2.55	13.00	1

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PAR**

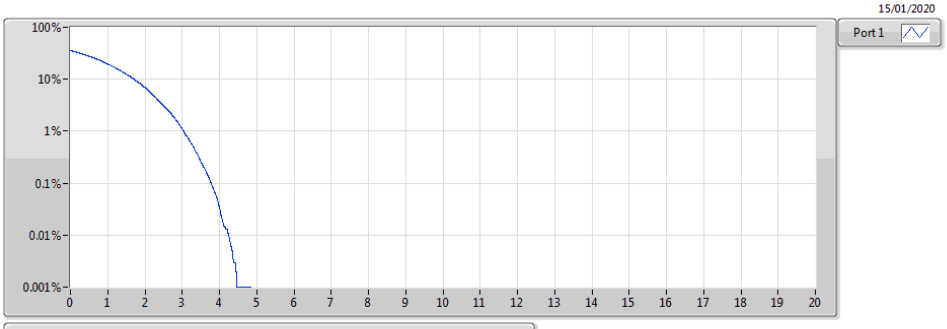
3555MHz_64QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	8.86	-4.14	13.00	1

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PAR**

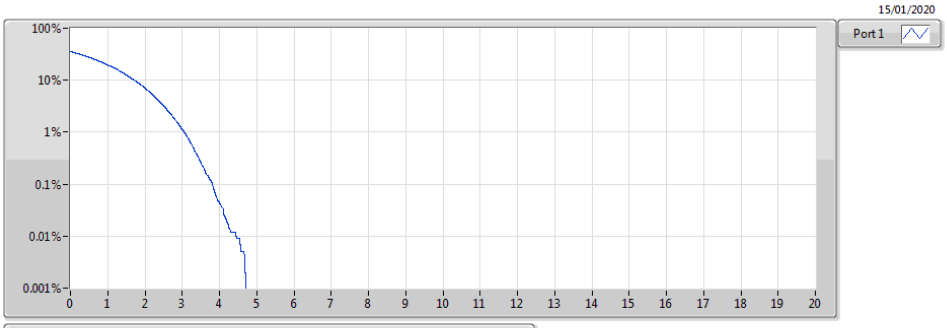
3625MHz_64QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.44	-3.56	13.00	1

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PAR**

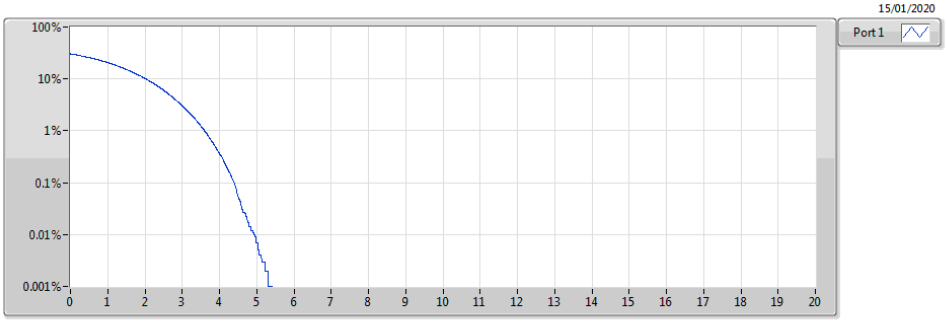
3695MHz_64QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	9.53	-3.47	13.00	1

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PAR**

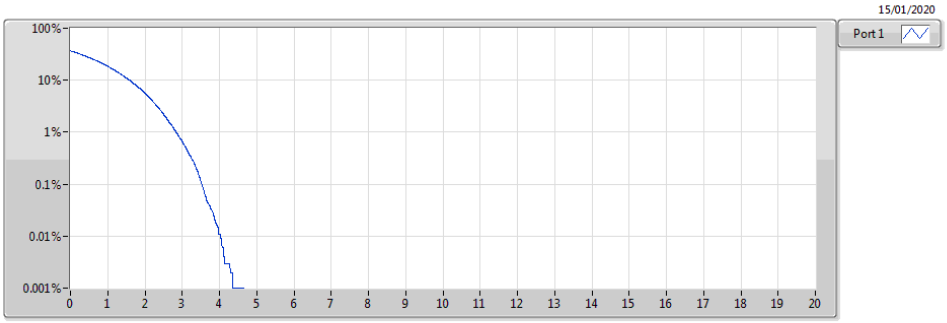
3560MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	10.98	-2.02	13.00	1

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PAR**

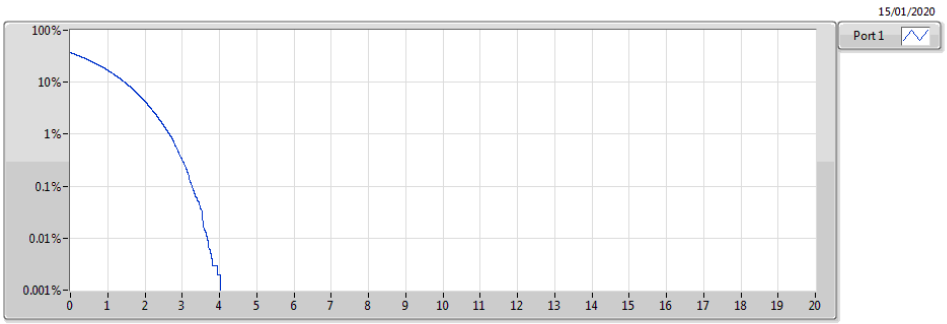
3625MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	8.80	-4.20	13.00	1

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PAR**

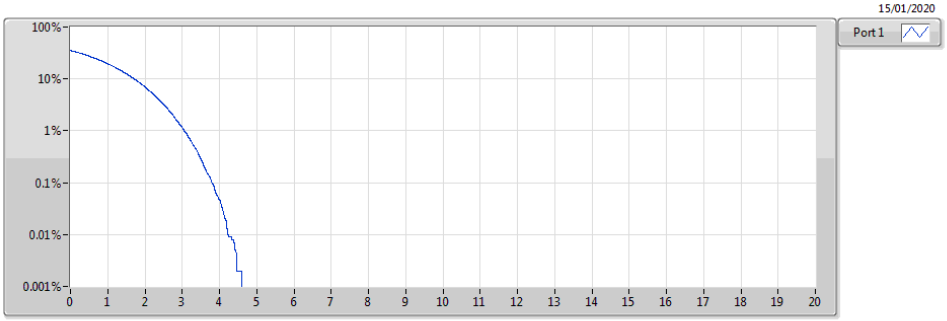
3690MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	8.16	-4.84	13.00	1

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PAR**

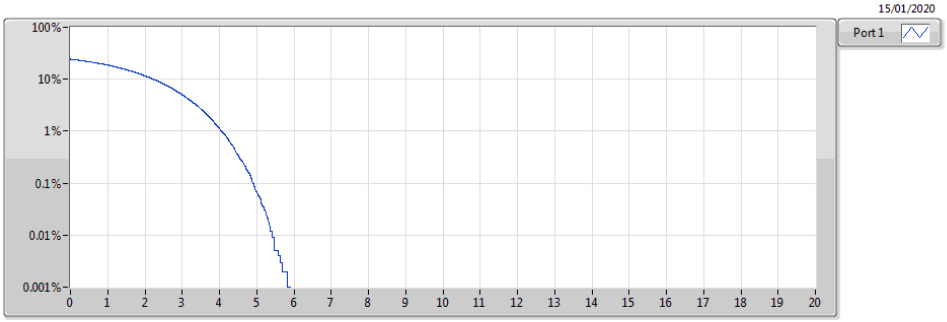
3560MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.49	-3.51	13.00	1

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PAR**

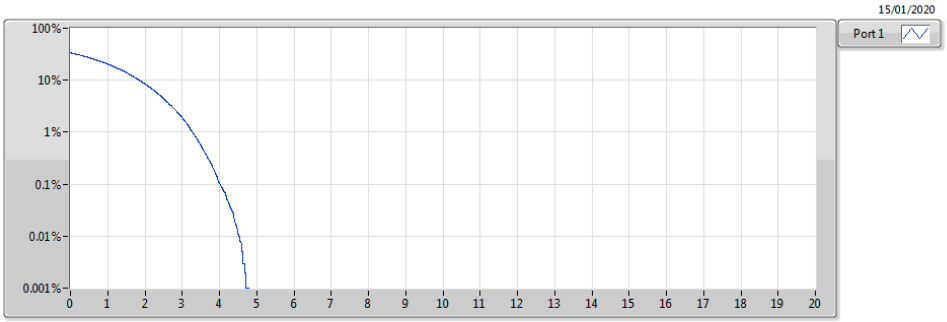
3625MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	12.26	-0.74	13.00	1

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PAR**

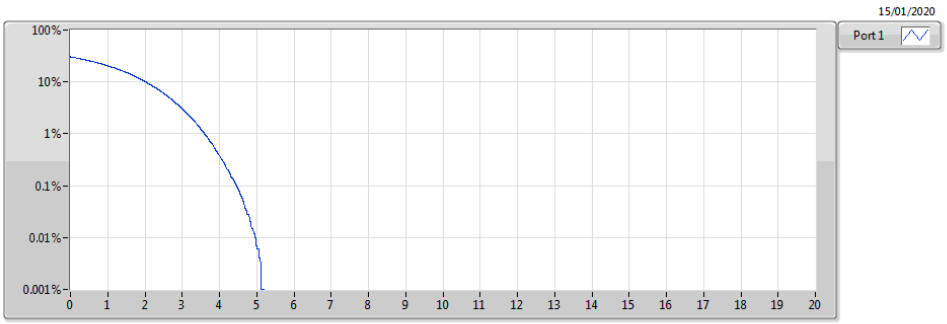
3690MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	10.04	-2.96	13.00	1

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PAR**

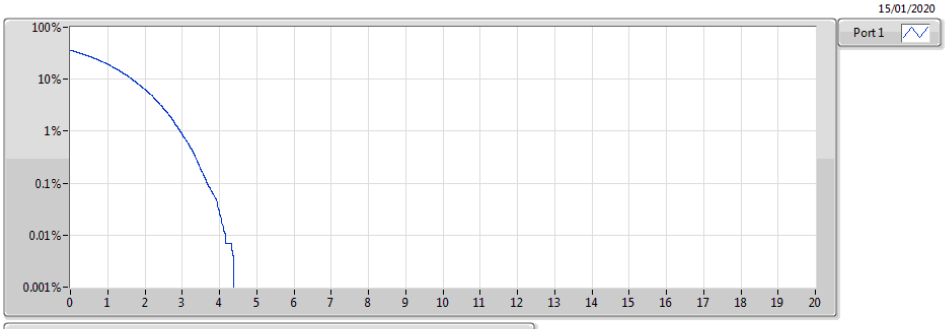
3560MHz_64QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	11.14	-1.86	13.00	1

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PAR**

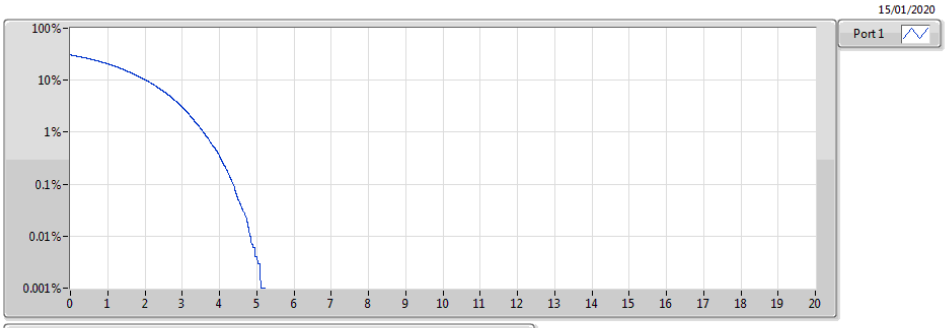
3625MHz_64QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.18	-3.82	13.00	1

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PAR**

3690MHz_64QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	10.92	-2.08	13.00	1

Summary

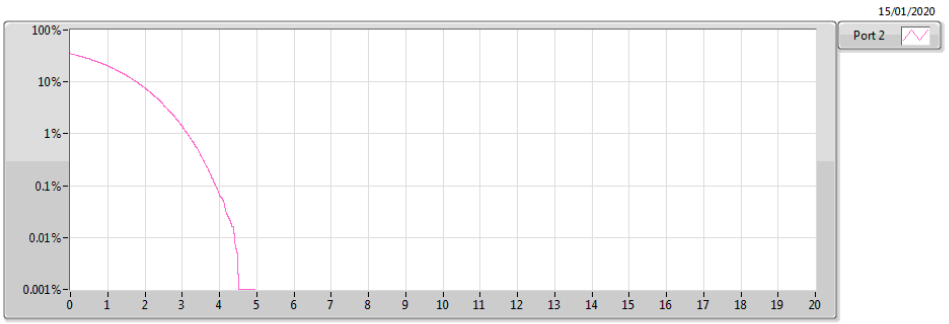
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 48	-	-	-	-	-
LTE_10MHz_Nss1,QPSK_2TX	Pass	3695	13.00	10.18	2
LTE_10MHz_Nss1,16QAM_2TX	Pass	3625	13.00	11.11	2
LTE_10MHz_Nss1,64QAM_2TX	Pass	3695	13.00	10.79	2
LTE_20MHz_Nss1,QPSK_2TX	Pass	3690	13.00	9.85	2
LTE_20MHz_Nss1,16QAM_2TX	Pass	3625	13.00	12.40	2
LTE_20MHz_Nss1,64QAM_2TX	Pass	3690	13.00	11.69	2

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	3555	13.00	9.76	2
3625MHz_RB 50,#RB 0	Pass	3625	13.00	9.53	2
3695MHz_RB 50,#RB 0	Pass	3695	13.00	10.18	2
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	3555	13.00	10.36	2
3625MHz_RB 50,#RB 0	Pass	3625	13.00	11.11	2
3695MHz_RB 50,#RB 0	Pass	3695	13.00	8.94	2
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	3555	13.00	10.00	2
3625MHz_RB 50,#RB 0	Pass	3625	13.00	9.43	2
3695MHz_RB 50,#RB 0	Pass	3695	13.00	10.79	2
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	3560	13.00	9.09	2
3625MHz_RB 100,#RB 0	Pass	3625	13.00	9.43	2
3690MHz_RB 100,#RB 0	Pass	3690	13.00	9.85	2
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	3560	13.00	9.59	2
3625MHz_RB 100,#RB 0	Pass	3625	13.00	12.40	2
3690MHz_RB 100,#RB 0	Pass	3690	13.00	8.80	2
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	3560	13.00	8.71	2
3625MHz_RB 100,#RB 0	Pass	3625	13.00	9.69	2
3690MHz_RB 100,#RB 0	Pass	3690	13.00	11.69	2

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PAR**

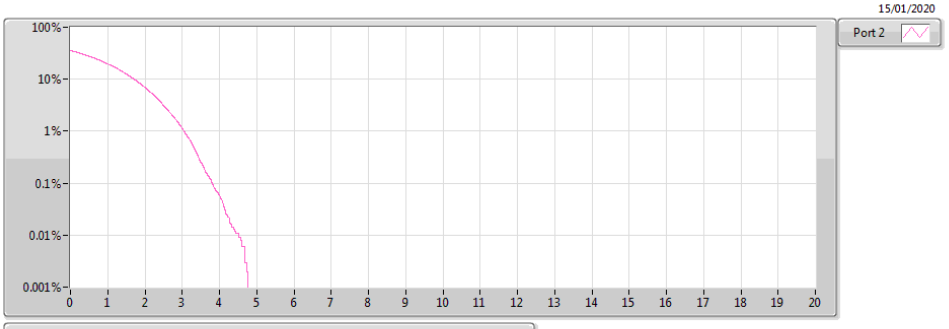
3555MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.76	-3.24	13.00	1

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PAR**

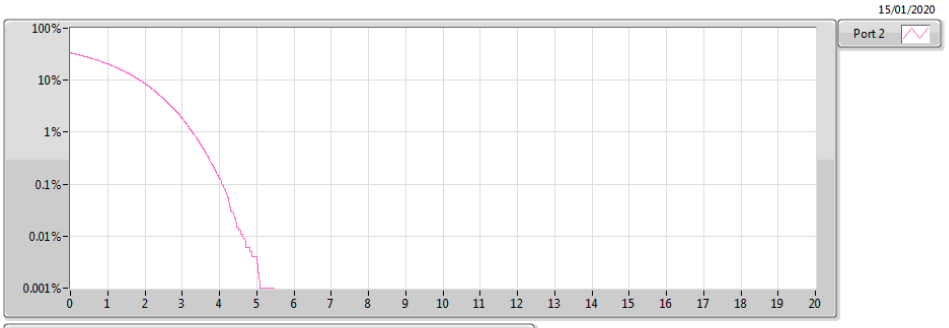
3625MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.53	-3.47	13.00	1

Band 48_LTE_10MHz_Nss1,QPSK_2TX **PAR**

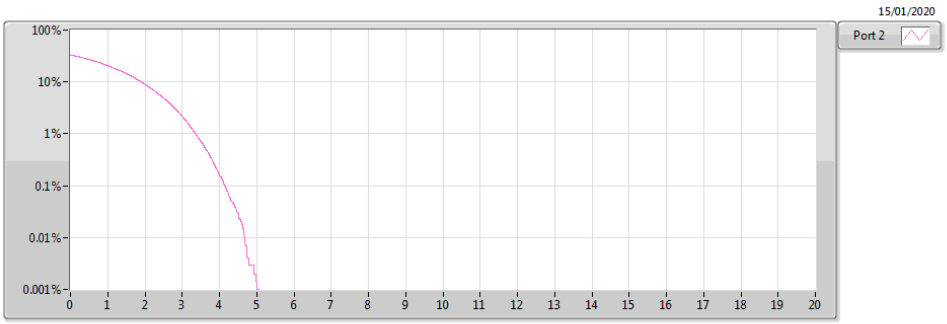
3695MHz_QPSK_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	10.18	-2.82	13.00	1

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PAR**

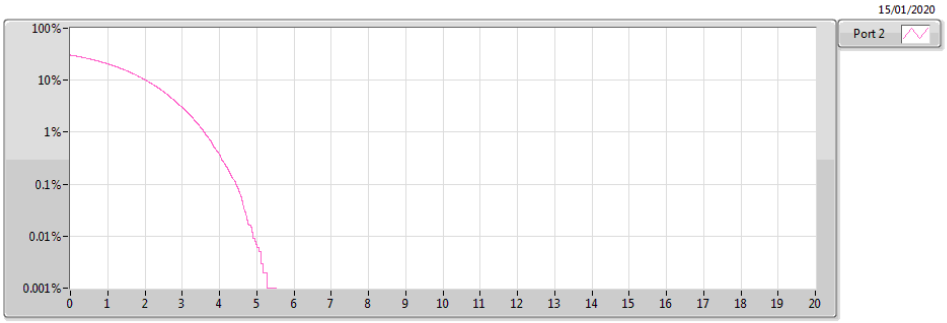
3555MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	10.36	-2.64	13.00	1

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PAR**

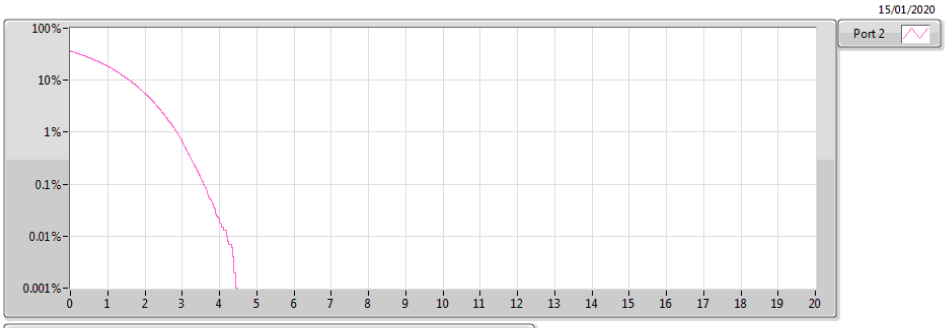
3625MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	11.11	-1.89	13.00	1

Band 48_LTE_10MHz_Nss1,16QAM_2TX **PAR**

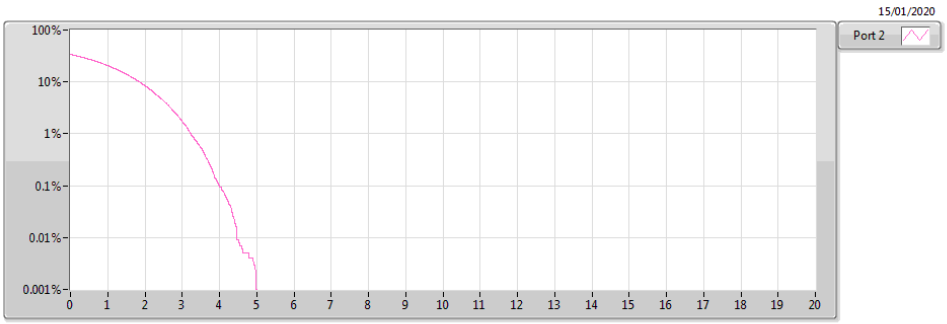
3695MHz_16QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	8.94	-4.06	13.00	1

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PAR**

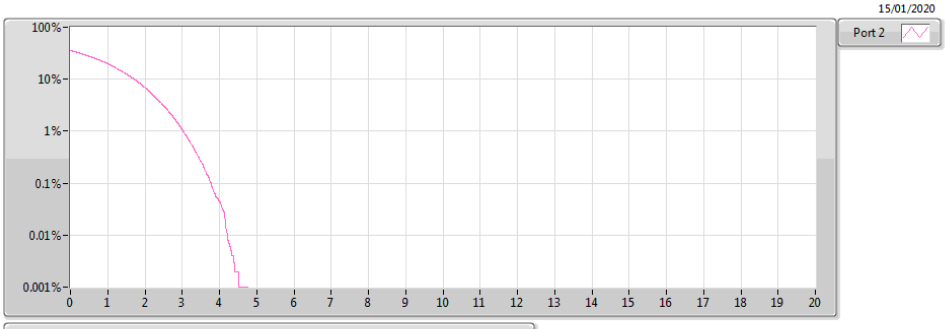
3555MHz_64QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	10.00	-3.00	13.00	1

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PAR**

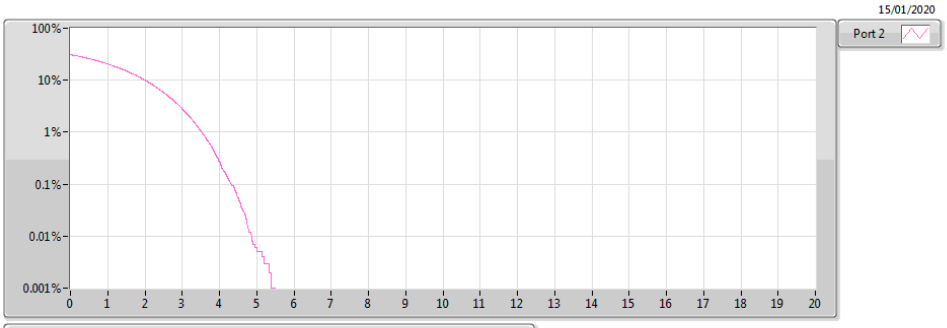
3625MHz_64QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.43	-3.57	13.00	1

Band 48_LTE_10MHz_Nss1,64QAM_2TX **PAR**

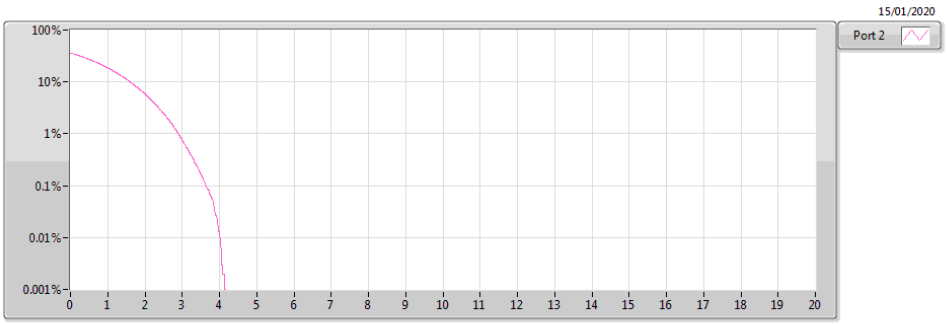
3695MHz_64QAM_RB 50,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	10.79	-2.21	13.00	1

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PAR**

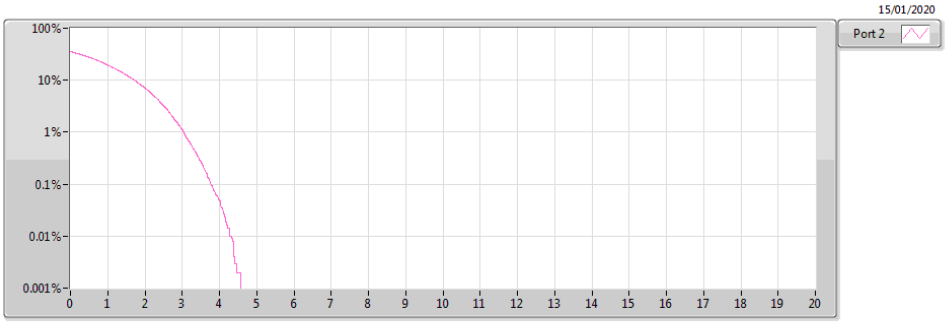
3560MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.09	-3.91	13.00	1

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PAR**

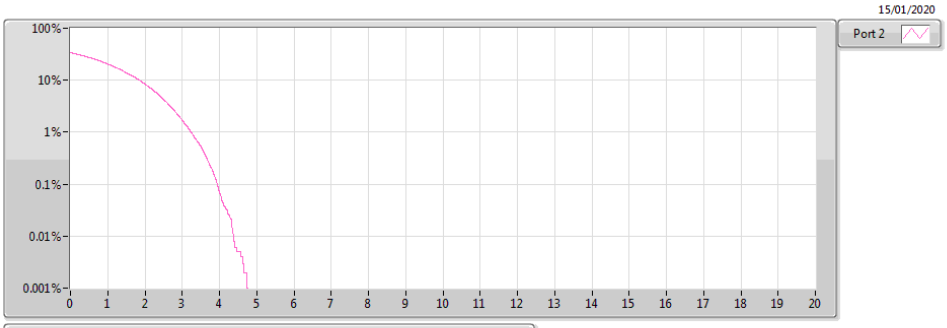
3625MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.43	-3.57	13.00	1

Band 48_LTE_20MHz_Nss1,QPSK_2TX **PAR**

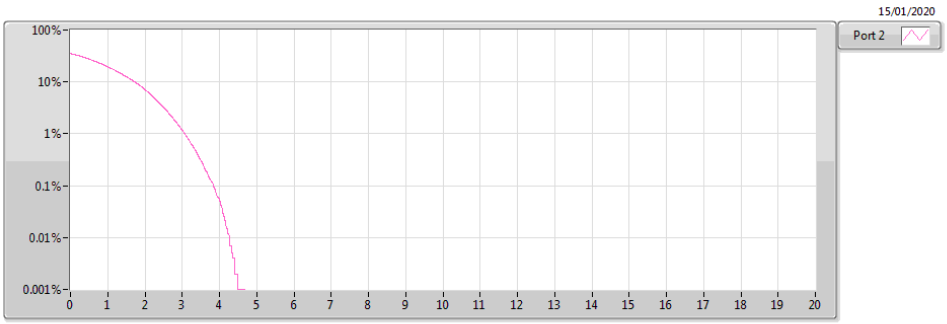
3690MHz_QPSK_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.85	-3.15	13.00	1

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PAR**

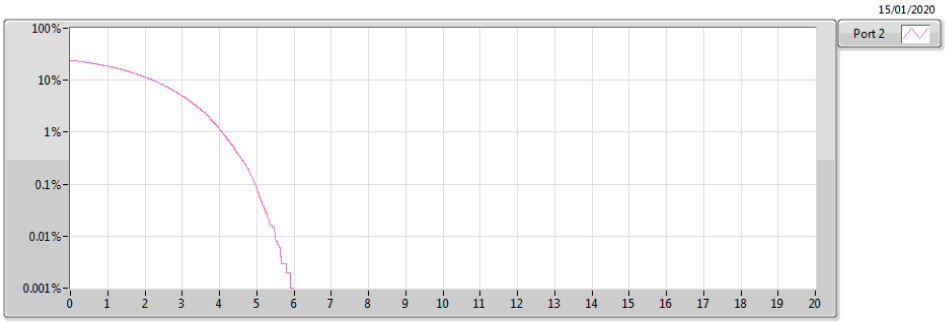
3560MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.59	-3.41	13.00	1

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PAR**

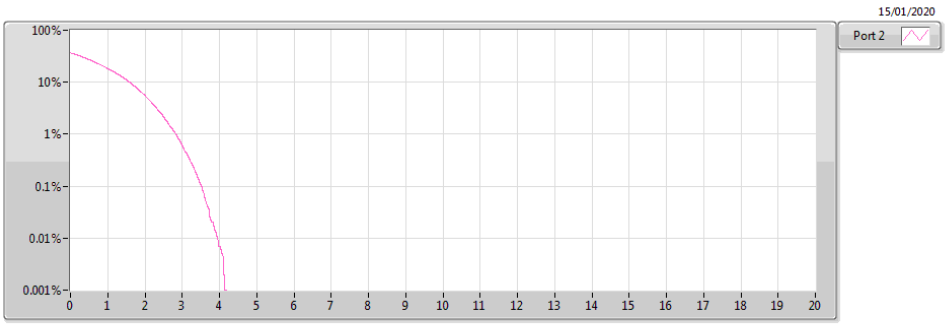
3625MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	12.40	-0.60	13.00	1

Band 48_LTE_20MHz_Nss1,16QAM_2TX **PAR**

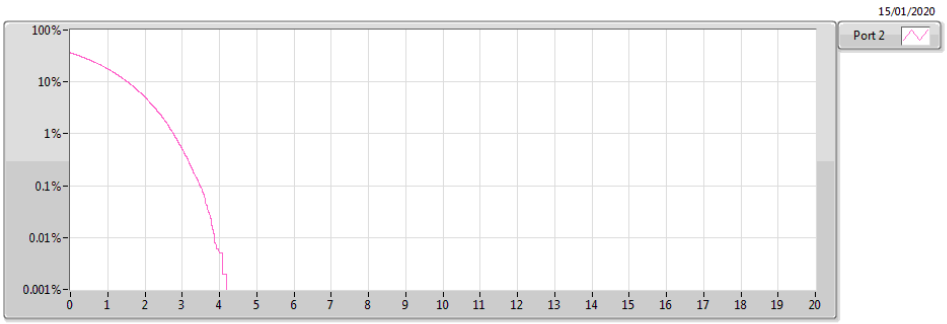
3690MHz_16QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	8.80	-4.20	13.00	1

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PAR**

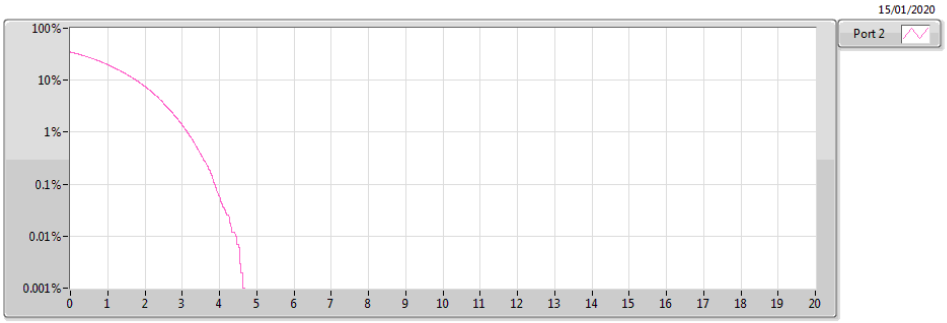
3560MHz_64QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	8.71	-4.29	13.00	1

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PAR**

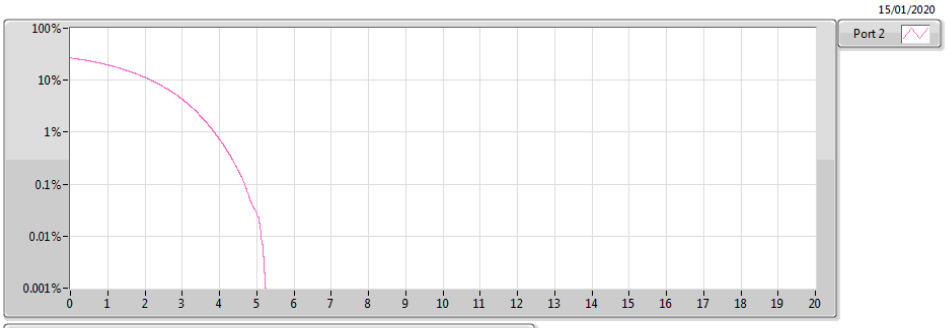
3625MHz_64QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.69	-3.31	13.00	1

Band 48_LTE_20MHz_Nss1,64QAM_2TX **PAR**

3690MHz_64QAM_RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	11.69	-1.31	13.00	1

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 48	-	-	-	-	-
LTE_10MHz_Nss1,QPSK_2TX	11.313M	8.938M	8M94G7D	10.988M	8.921M
LTE_10MHz_Nss1,16QAM_2TX	10.713M	8.94M	8M94W7D	10.025M	8.889M
LTE_10MHz_Nss1,64QAM_2TX	11.075M	8.942M	8M94W7D	10.813M	8.917M
LTE_20MHz_Nss1,QPSK_2TX	19.65M	17.897M	17M9G7D	19.475M	17.861M
LTE_20MHz_Nss1,16QAM_2TX	19.45M	17.894M	17M9W7D	19.25M	17.842M
LTE_20MHz_Nss1,64QAM_2TX	19.525M	17.886M	17M9W7D	19.375M	17.866M

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;

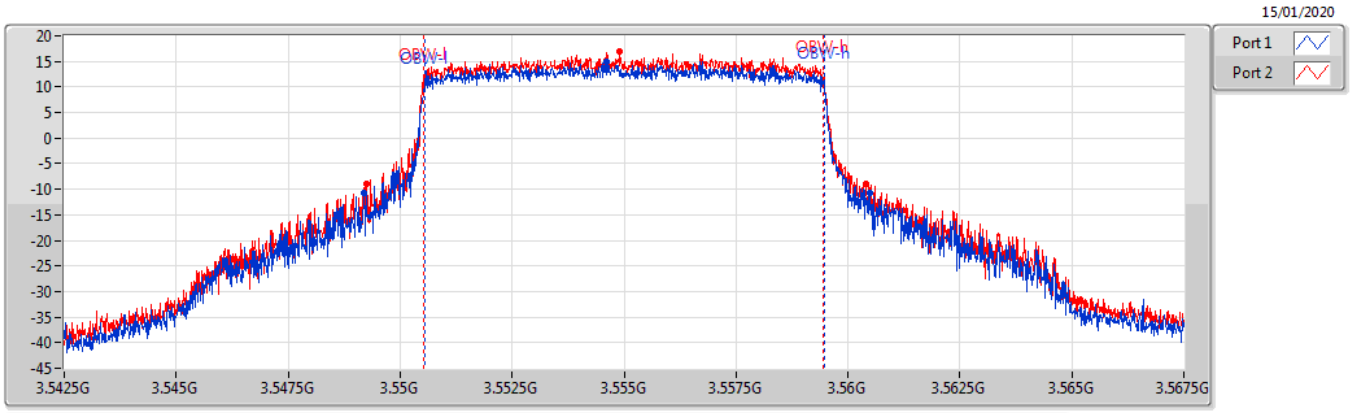
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	Inf	11.3M	8.924M	11.138M	8.921M
3625MHz_RB 50,#RB 0	Pass	Inf	11.313M	8.938M	10.988M	8.929M
3695MHz_RB 50,#RB 0	Pass	Inf	10.988M	8.93M	11.288M	8.93M
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	Inf	10.6M	8.927M	10.563M	8.895M
3625MHz_RB 50,#RB 0	Pass	Inf	10.625M	8.906M	10.025M	8.94M
3695MHz_RB 50,#RB 0	Pass	Inf	10.713M	8.906M	10.6M	8.889M
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	Inf	11.025M	8.942M	11.025M	8.925M
3625MHz_RB 50,#RB 0	Pass	Inf	10.813M	8.917M	11.075M	8.94M
3695MHz_RB 50,#RB 0	Pass	Inf	10.888M	8.927M	10.925M	8.936M
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	Inf	19.475M	17.881M	19.55M	17.88M
3625MHz_RB 100,#RB 0	Pass	Inf	19.6M	17.897M	19.65M	17.895M
3690MHz_RB 100,#RB 0	Pass	Inf	19.475M	17.861M	19.525M	17.869M
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	Inf	19.325M	17.842M	19.45M	17.894M
3625MHz_RB 100,#RB 0	Pass	Inf	19.35M	17.89M	19.375M	17.862M
3690MHz_RB 100,#RB 0	Pass	Inf	19.25M	17.876M	19.35M	17.849M
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	Inf	19.525M	17.867M	19.375M	17.886M
3625MHz_RB 100,#RB 0	Pass	Inf	19.4M	17.88M	19.45M	17.871M
3690MHz_RB 100,#RB 0	Pass	Inf	19.5M	17.866M	19.475M	17.873M

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

Band 48_LTE_10MHz_Nss1,QPSK_2TX **EBW**

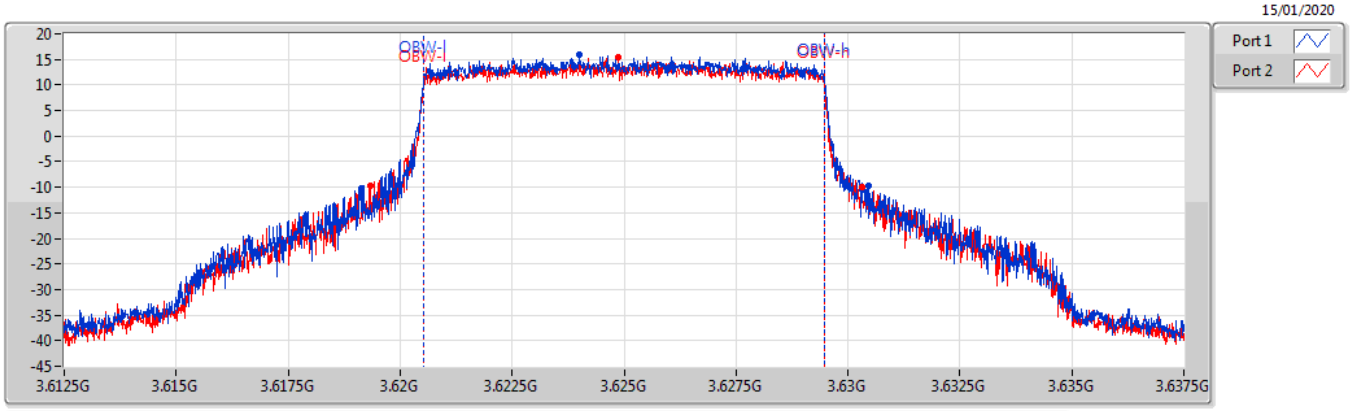
3555MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
11.3M	3.5492G	3.5605G	8.924M	3.55054G	3.559464G	1	3.555G	25M	100k	300k
11.138M	3.549263G	3.5604G	8.921M	3.550537G	3.559458G	2	3.555G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,QPSK_2TX **EBW**

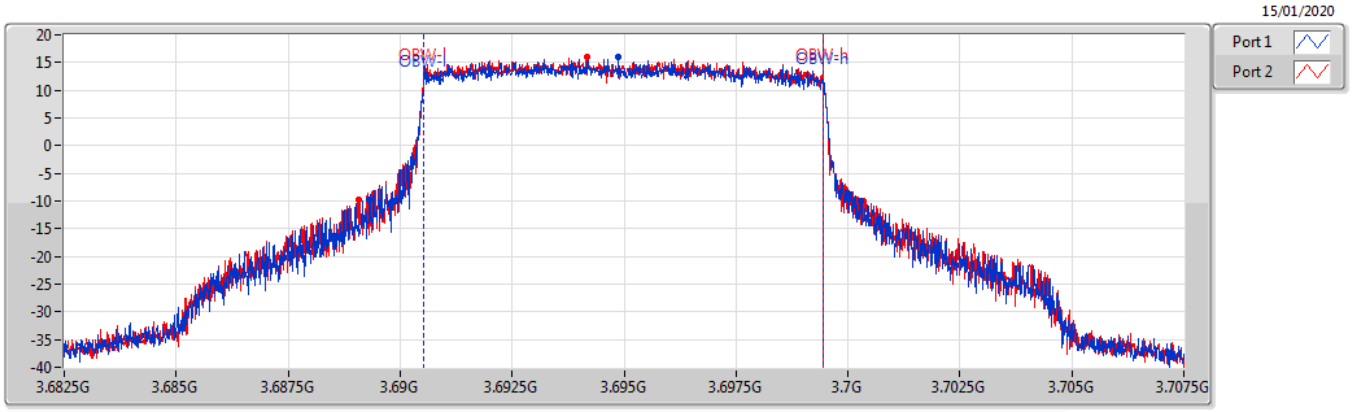
3625MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
11.313M	3.619138G	3.63045G	8.938M	3.620528G	3.629466G	1	3.625G	25M	100k	300k
10.988M	3.619325G	3.630313G	8.929M	3.620534G	3.629463G	2	3.625G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,QPSK_2TX **EBW**

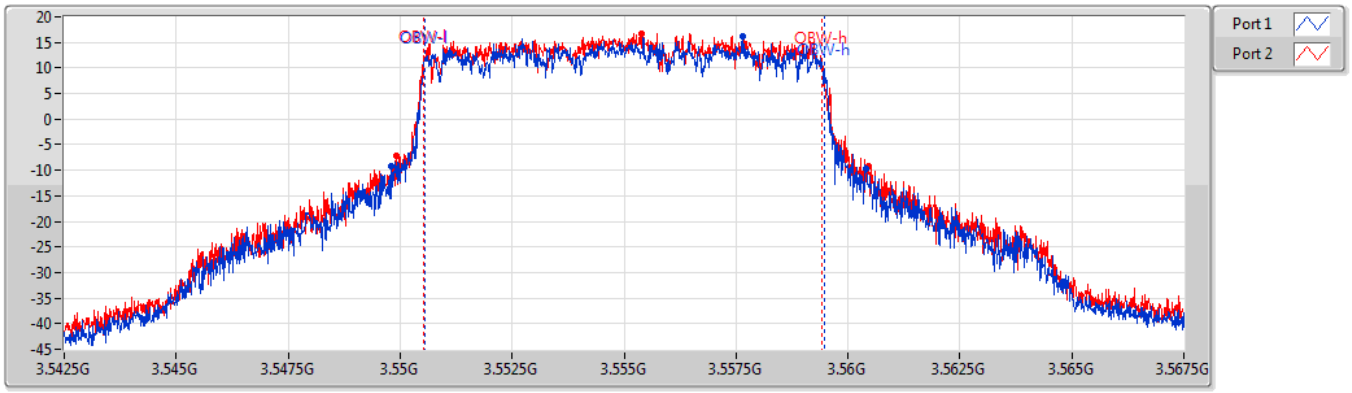
3695MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.988M	3.689313G	3.7003G	8.93M	3.690529G	3.699459G	1	3.695G	25M	100k	300k
11.288M	3.689063G	3.70035G	8.93M	3.690525G	3.699455G	2	3.695G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,16QAM_2TX **EBW**

3555MHz_16QAM_RB 50,#RB 0

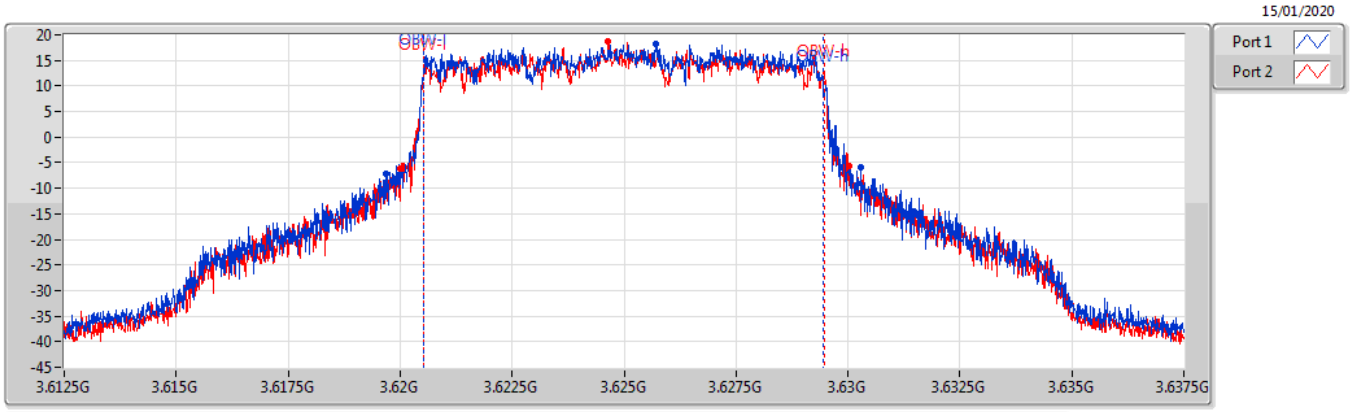


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.6M	3.549813G	3.560413G	8.927M	3.550539G	3.559466G	1	3.555G	25M	100k	300k
10.563M	3.549913G	3.560475G	8.895M	3.550525G	3.55942G	2	3.555G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,16QAM_2TX

EBW

3625MHz_16QAM_RB 50,#RB 0

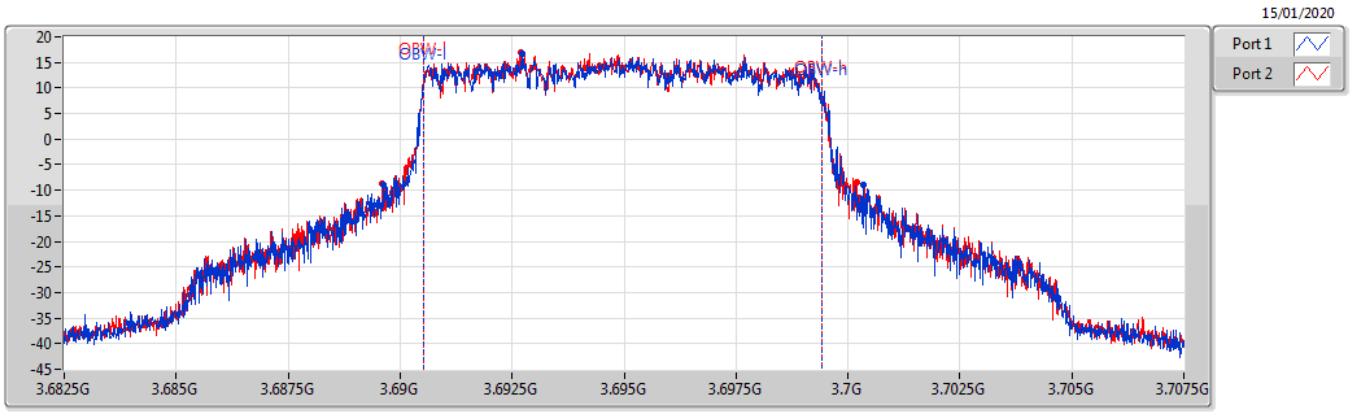


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.625M	3.619675G	3.6303G	8.906M	3.62053G	3.629436G	1	3.625G	25M	100k	300k
10.025M	3.620013G	3.630038G	8.94M	3.620526G	3.629466G	2	3.625G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,16QAM_2TX

EBW

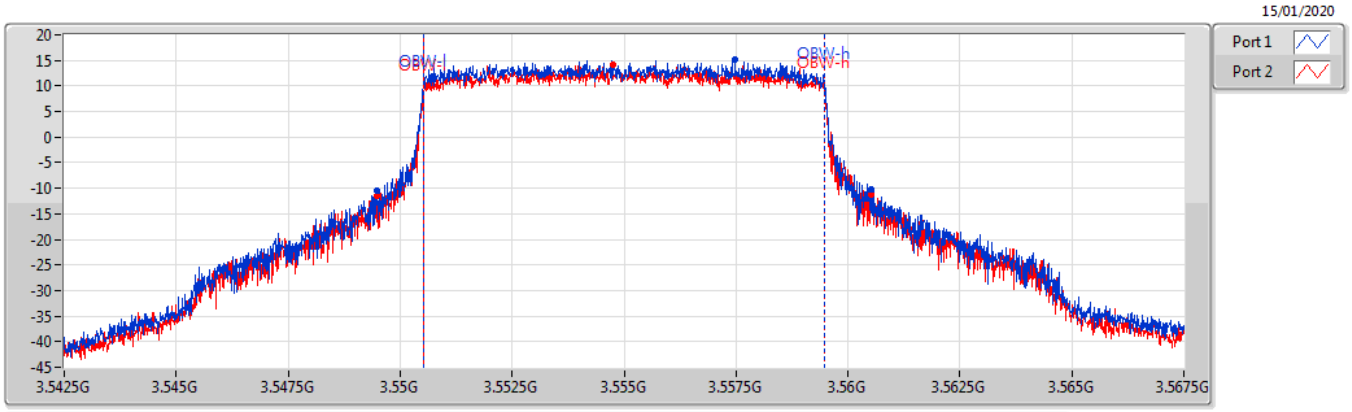
3695MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.713M	3.689625G	3.700338G	8.906M	3.690524G	3.69943G	1	3.695G	25M	100k	300k
10.6M	3.6896G	3.7002G	8.889M	3.690523G	3.699412G	2	3.695G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,64QAM_2TX **EBW**

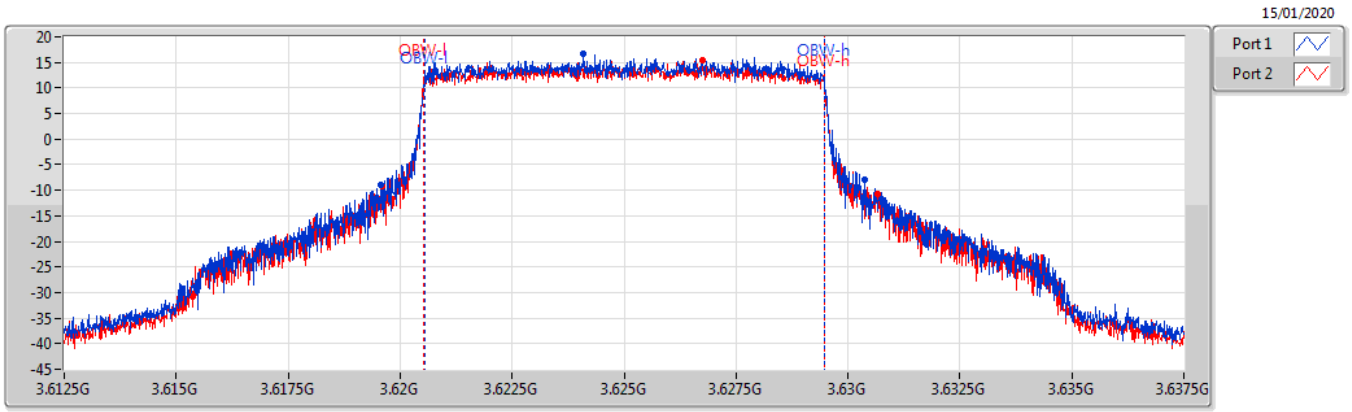
3555MHz_64QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
11.025M	3.549488G	3.560513G	8.942M	3.55053G	3.559472G	1	3.555G	25M	100k	300k
11.025M	3.549488G	3.560513G	8.925M	3.550538G	3.559464G	2	3.555G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,64QAM_2TX **EBW**

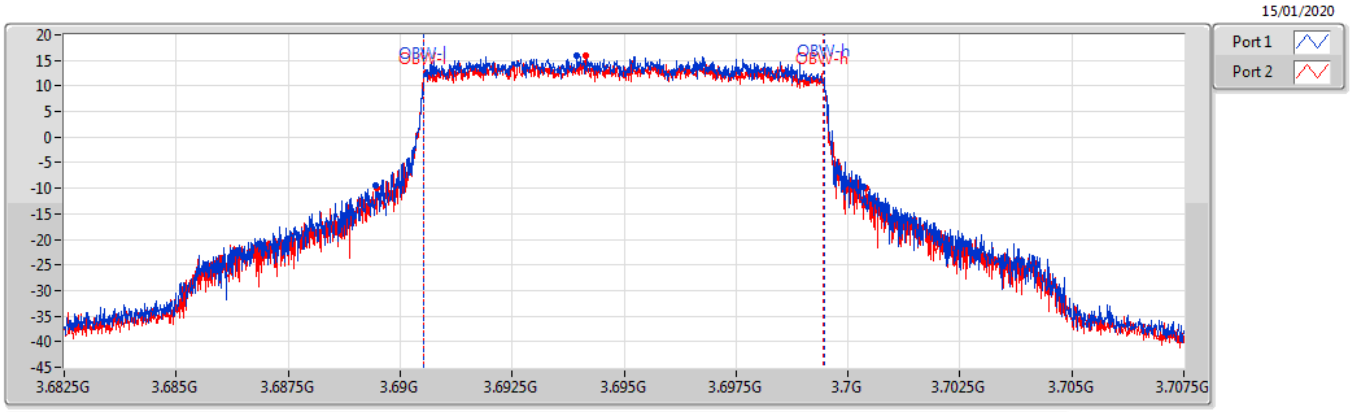
3625MHz_64QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.813M	3.619563G	3.630375G	8.917M	3.620549G	3.629466G	1	3.625G	25M	100k	300k
11.075M	3.6196G	3.630675G	8.94M	3.620525G	3.629465G	2	3.625G	25M	100k	300k

Band 48_LTE_10MHz_Nss1,64QAM_2TX **EBW**

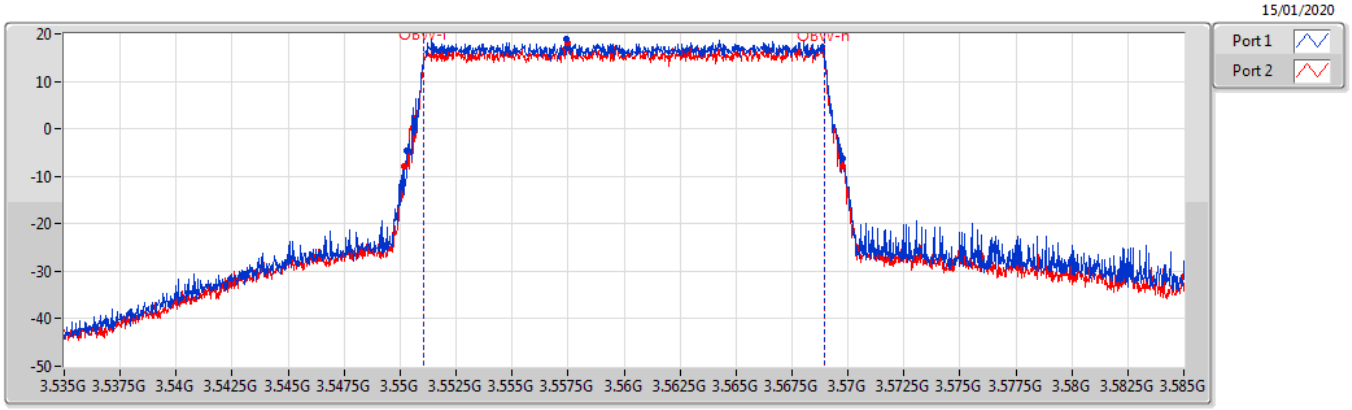
3695MHz_64QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.888M	3.689463G	3.70035G	8.927M	3.690535G	3.699462G	1	3.695G	25M	100k	300k
10.925M	3.689488G	3.700413G	8.936M	3.690524G	3.69946G	2	3.695G	25M	100k	300k

Band 48_LTE_20MHz_Nss1,QPSK_2TX **EBW**

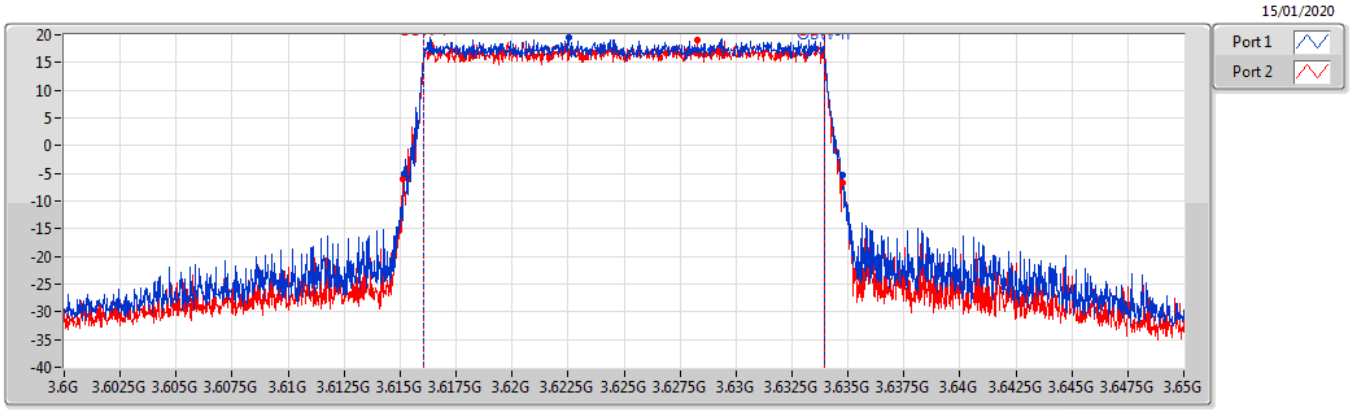
3560MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.475M	3.5503G	3.569775G	17.881M	3.551071G	3.568952G	1	3.56G	50M	200k	1M
19.55M	3.5502G	3.56975G	17.88M	3.551066G	3.568946G	2	3.56G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,QPSK_2TX **EBW**

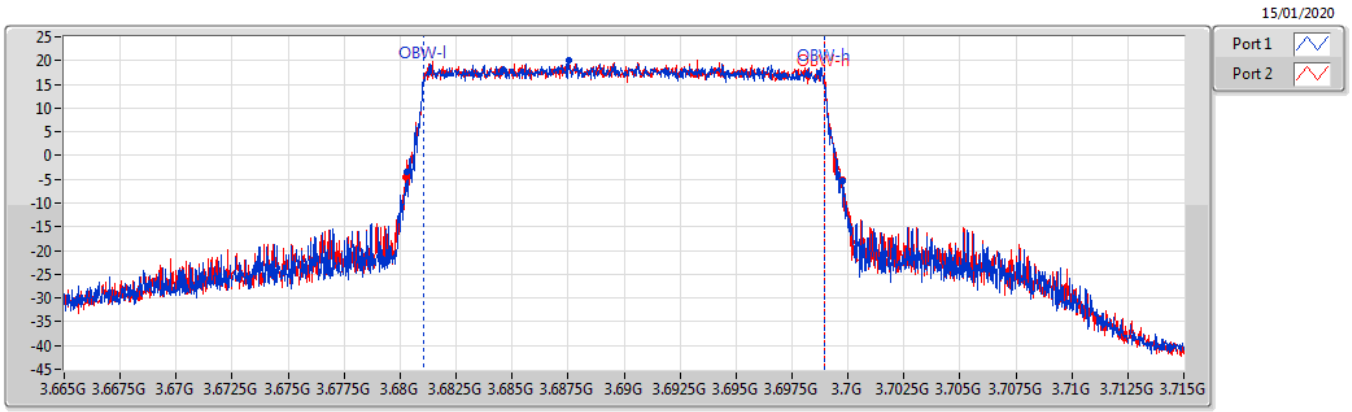
3625MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.6M	3.615175G	3.634775G	17.897M	3.61606G	3.633957G	1	3.625G	50M	200k	1M
19.65M	3.615125G	3.634775G	17.895M	3.61607G	3.633965G	2	3.625G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,QPSK_2TX **EBW**

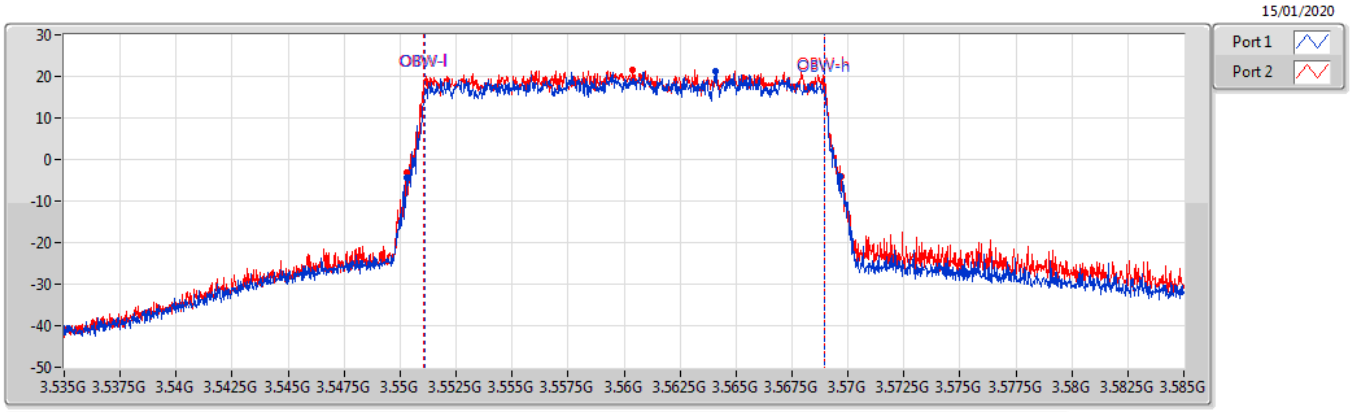
3690MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.475M	3.680275G	3.69975G	17.861M	3.681062G	3.698923G	1	3.69G	50M	200k	1M
19.525M	3.680225G	3.69975G	17.869M	3.681068G	3.698938G	2	3.69G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,16QAM_2TX **EBW**

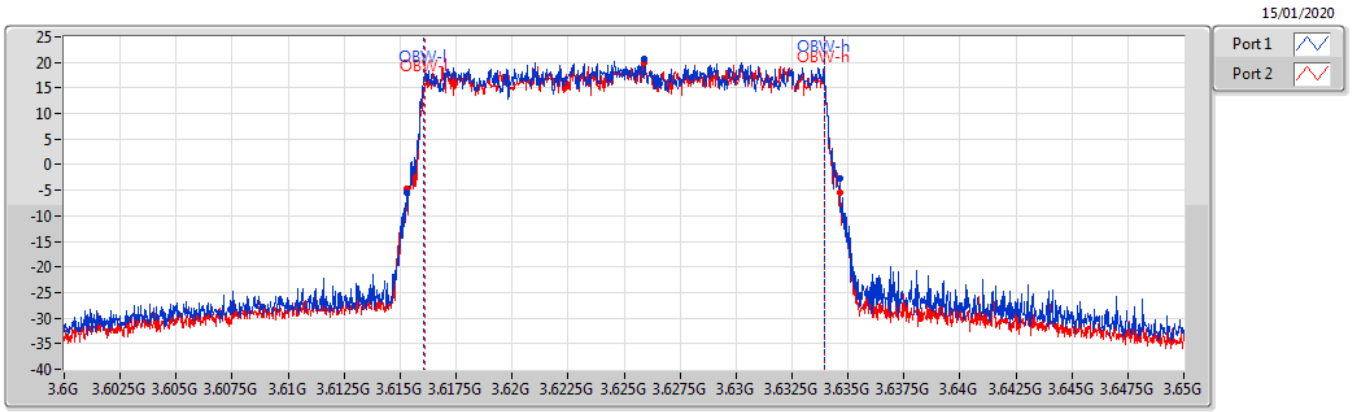
3560MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.325M	3.5503G	3.569625G	17.842M	3.551102G	3.568944G	1	3.56G	50M	200k	1M
19.45M	3.550275G	3.569725G	17.894M	3.551061G	3.568954G	2	3.56G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,16QAM_2TX **EBW**

3625MHz_16QAM_RB 100,#RB 0

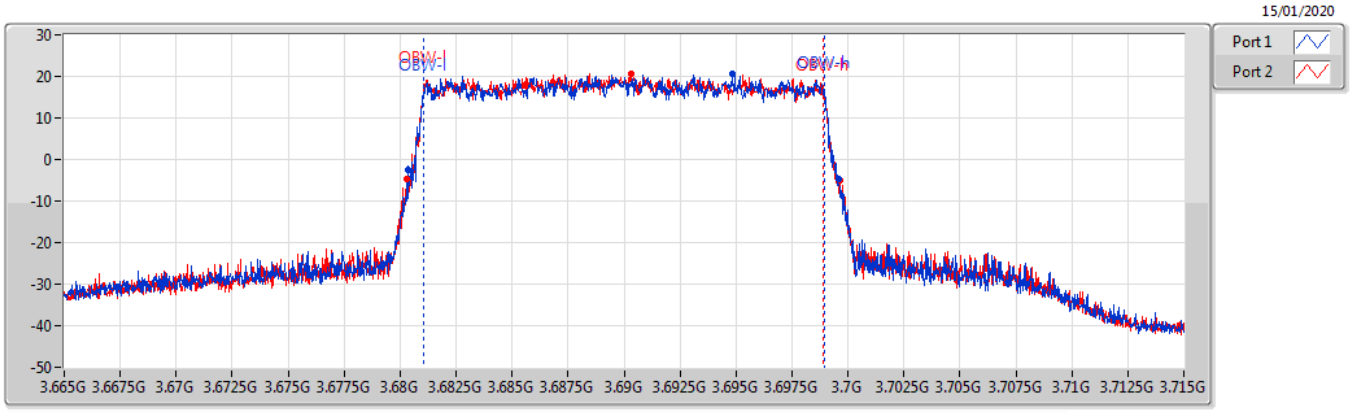


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.35M	3.615275G	3.634625G	17.89M	3.616045G	3.633936G	1	3.625G	50M	200k	1M
19.375M	3.6153G	3.634675G	17.862M	3.616079G	3.633941G	2	3.625G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,16QAM_2TX

EBW

3690MHz_16QAM_RB 100,#RB 0

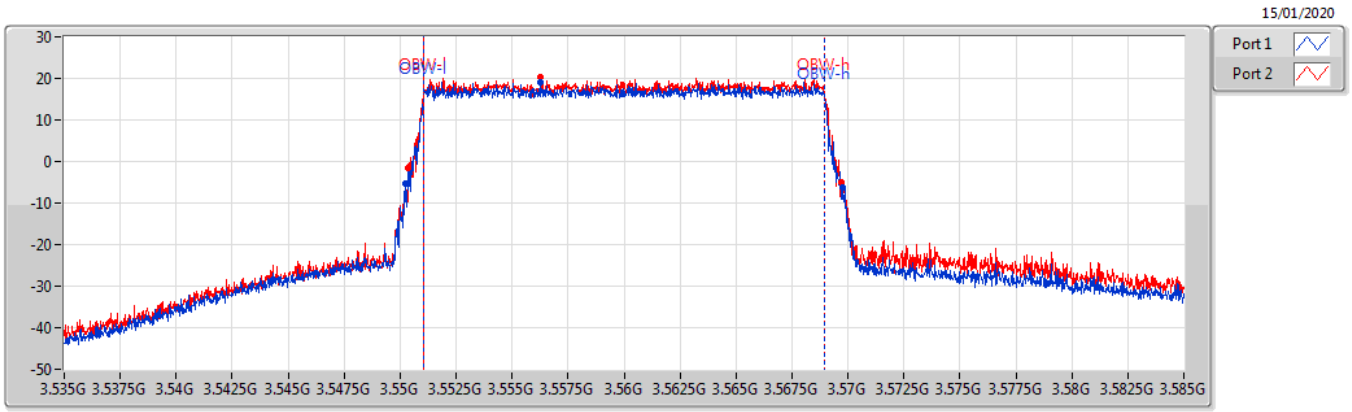


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.25M	3.680325G	3.699575G	17.876M	3.681056G	3.698932G	1	3.69G	50M	200k	1M
19.35M	3.680275G	3.699625G	17.849M	3.681068G	3.698917G	2	3.69G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,64QAM_2TX

EBW

3560MHz_64QAM_RB 100,#RB 0

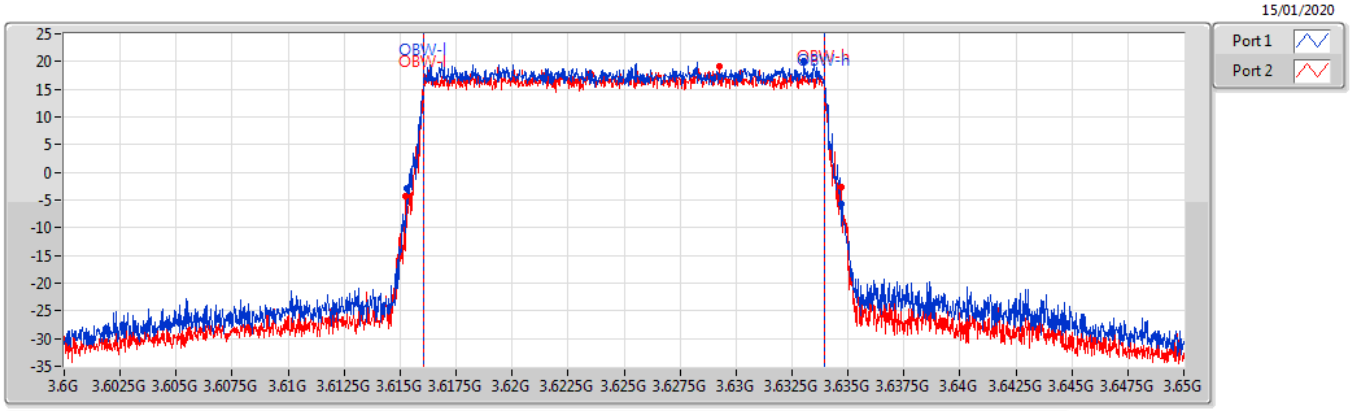


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.525M	3.550225G	3.56975G	17.867M	3.55107G	3.568938G	1	3.56G	50M	200k	1M
19.375M	3.55035G	3.569725G	17.886M	3.551066G	3.568952G	2	3.56G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,64QAM_2TX

EBW

3625MHz_64QAM_RB 100,#RB 0

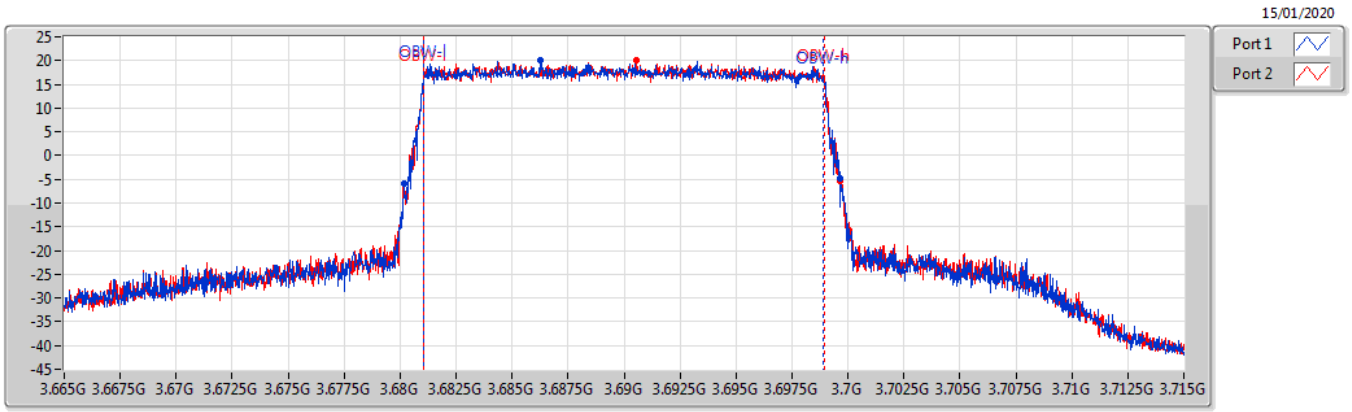


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.4M	3.6153G	3.6347G	17.88M	3.616065G	3.633945G	1	3.625G	50M	200k	1M
19.45M	3.61525G	3.6347G	17.871M	3.616065G	3.633937G	2	3.625G	50M	200k	1M

Band 48_LTE_20MHz_Nss1,64QAM_2TX

EBW

3690MHz_64QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.5M	3.680175G	3.699675G	17.866M	3.681048G	3.698914G	1	3.69G	50M	200k	1M
19.475M	3.680175G	3.69965G	17.873M	3.681064G	3.698938G	2	3.69G	50M	200k	1M

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 48	-	-	-	-	-	-	-	-	-	-	-	-
LTE_10MHz_Nss1,QPSK_2TX	Pass	3.619G	3.62G	100k	300k	RMS	3.61998G	-13.64	-13.00	-0.64	-	-
LTE_10MHz_Nss1,16QAM_2TX	Pass	3.619G	3.62G	100k	300k	RMS	3.61995G	-15.66	-13.00	-2.66	-	-
LTE_10MHz_Nss1,64QAM_2TX	Pass	3.549G	3.55G	100k	300k	RMS	3.54981G	-13.58	-13.00	-0.58	-	-
LTE_20MHz_Nss1,QPSK_2TX	Pass	1G	3.45G	1M	3M	RMS	1.13132G	-44.65	-40.00	-4.65	-	-
LTE_20MHz_Nss1,16QAM_2TX	Pass	3.58G	3.59G	200k	620k	RMS	3.5805G	-29.96	-25.00	-4.96	MBW 1M	-
LTE_20MHz_Nss1,64QAM_2TX	Pass	3.595G	3.605G	200k	620k	RMS	3.6045G	-28.35	-25.00	-3.35	MBW 1M	-

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 48_LTE_10MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	46.012k	-82.52	-40.00	-42.52	-	-
3555MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-50.52	-40.00	-10.52	-	-
3555MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	993.5M	-58.08	-40.00	-18.08	-	-
3555MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	2.77478G	-51.82	-40.00	-11.82	-	-
3555MHz_RB 50,#RB 0	Pass	3.45G	3.53G	1M	3M	RMS	3.49676G	-55.04	-40.00	-15.04	-	-
3555MHz_RB 50,#RB 0	Pass	3.53G	3.54G	1M	3M	RMS	3.53985G	-39.58	-25.00	-14.58	-	-
3555MHz_RB 50,#RB 0	Pass	3.54G	3.549G	100k	300k	RMS	3.5485G	-21.86	-13.00	-8.86	MBW 1M	-
3555MHz_RB 50,#RB 0	Pass	3.549G	3.55G	100k	300k	RMS	3.54959G	-16.62	-13.00	-3.62	-	-
3555MHz_RB 50,#RB 0	Pass	3.56G	3.561G	100k	300k	RMS	3.56012G	-16.85	-13.00	-3.85	-	-
3555MHz_RB 50,#RB 0	Pass	3.561G	3.57G	100k	300k	RMS	3.5615G	-19.55	-13.00	-6.55	MBW 1M	-
3555MHz_RB 50,#RB 0	Pass	3.57G	3.58G	1M	3M	RMS	3.57062G	-32.31	-25.00	-7.31	-	-
3555MHz_RB 50,#RB 0	Pass	3.58G	3.85G	1M	3M	RMS	3.58394G	-36.20	-25.00	-11.20	-	-
3555MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.98232G	-57.96	-40.00	-17.96	-	-
3555MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.97585G	-47.07	-40.00	-7.07	-	-
3625MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	48.339k	-84.31	-40.00	-44.31	-	-
3625MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-50.27	-40.00	-10.27	-	-
3625MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	627.71M	-67.83	-40.00	-27.83	-	-
3625MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.06615G	-48.71	-40.00	-8.71	-	-
3625MHz_RB 50,#RB 0	Pass	3.45G	3.6G	1M	3M	RMS	3.59805G	-38.62	-25.00	-13.62	-	-
3625MHz_RB 50,#RB 0	Pass	3.6G	3.61G	1M	3M	RMS	3.60911G	-35.24	-25.00	-10.24	-	-
3625MHz_RB 50,#RB 0	Pass	3.61G	3.619G	100k	300k	RMS	3.6185G	-22.24	-13.00	-9.24	MBW 1M	-
3625MHz_RB 50,#RB 0	Pass	3.619G	3.62G	100k	300k	RMS	3.61998G	-13.64	-13.00	-0.64	-	-
3625MHz_RB 50,#RB 0	Pass	3.63G	3.631G	100k	300k	RMS	3.63G	-18.88	-13.00	-5.88	-	-
3625MHz_RB 50,#RB 0	Pass	3.631G	3.64G	100k	300k	RMS	3.6315G	-19.77	-13.00	-6.77	MBW 1M	-
3625MHz_RB 50,#RB 0	Pass	3.64G	3.65G	1M	3M	RMS	3.64117G	-37.39	-25.00	-12.39	-	-
3625MHz_RB 50,#RB 0	Pass	3.65G	3.85G	1M	3M	RMS	3.65086G	-36.45	-25.00	-11.45	-	-
3625MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.9679G	-57.85	-40.00	-17.85	-	-
3625MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.931G	-47.18	-40.00	-7.18	-	-
3695MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	11.89k	-83.69	-40.00	-43.69	-	-
3695MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-51.91	-40.00	-11.91	-	-
3695MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	279.68M	-65.59	-40.00	-25.59	-	-
3695MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.13451G	-47.73	-40.00	-7.73	-	-
3695MHz_RB 50,#RB 0	Pass	3.45G	3.67G	1M	3M	RMS	3.66958G	-36.59	-25.00	-11.59	-	-
3695MHz_RB 50,#RB 0	Pass	3.67G	3.68G	1M	3M	RMS	3.67864G	-32.48	-25.00	-7.48	-	-
3695MHz_RB 50,#RB 0	Pass	3.68G	3.689G	100k	300k	RMS	3.6885G	-19.07	-13.00	-6.07	MBW 1M	-
3695MHz_RB 50,#RB 0	Pass	3.689G	3.69G	100k	300k	RMS	3.6899G	-14.49	-13.00	-1.49	-	-
3695MHz_RB 50,#RB 0	Pass	3.7G	3.701G	100k	300k	RMS	3.70034G	-17.57	-13.00	-4.57	-	-
3695MHz_RB 50,#RB 0	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-18.83	-13.00	-5.83	MBW 1M	-
3695MHz_RB 50,#RB 0	Pass	3.71G	3.72G	1M	3M	RMS	3.71008G	-38.55	-25.00	-13.55	-	-
3695MHz_RB 50,#RB 0	Pass	3.72G	3.85G	1M	3M	RMS	3.724G	-56.25	-40.00	-16.25	-	-
3695MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.95557G	-57.13	-40.00	-17.13	-	-
3695MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.9517G	-46.89	-40.00	-6.89	-	-
Band 48_LTE_10MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	16.402k	-83.64	-40.00	-43.64	-	-
3555MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-50.41	-40.00	-10.41	-	-
3555MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	994.67M	-62.01	-40.00	-22.01	-	-
3555MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	3.06217G	-53.51	-40.00	-13.51	-	-
3555MHz_RB 50,#RB 0	Pass	3.45G	3.53G	1M	3M	RMS	3.46273G	-54.65	-40.00	-14.65	-	-
3555MHz_RB 50,#RB 0	Pass	3.53G	3.54G	1M	3M	RMS	3.53997G	-41.34	-25.00	-16.34	-	-
3555MHz_RB 50,#RB 0	Pass	3.54G	3.549G	100k	300k	RMS	3.5485G	-22.17	-13.00	-9.17	MBW 1M	-
3555MHz_RB 50,#RB 0	Pass	3.549G	3.55G	100k	300k	RMS	3.5499G	-15.98	-13.00	-2.98	-	-
3555MHz_RB 50,#RB 0	Pass	3.56G	3.561G	100k	300k	RMS	3.56019G	-18.50	-13.00	-5.50	-	-

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
3555MHz_RB 50,#RB 0	Pass	3.561G	3.57G	100k	300k	RMS	3.5615G	-20.76	-13.00	-7.76	MBW 1M	-
3555MHz_RB 50,#RB 0	Pass	3.57G	3.58G	1M	3M	RMS	3.57121G	-37.45	-25.00	-12.45	-	-
3555MHz_RB 50,#RB 0	Pass	3.58G	3.85G	1M	3M	RMS	3.68668G	-32.92	-25.00	-7.92	-	-
3555MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.94531G	-56.05	-40.00	-16.05	-	-
3555MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.95745G	-46.44	-40.00	-6.44	-	-
3625MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	24.51k	-84.12	-40.00	-44.12	-	-
3625MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	167.91k	-50.59	-40.00	-10.59	-	-
3625MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	833.01M	-67.72	-40.00	-27.72	-	-
3625MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.06738G	-49.45	-40.00	-9.45	-	-
3625MHz_RB 50,#RB 0	Pass	3.45G	3.6G	1M	3M	RMS	3.59964G	-38.30	-25.00	-13.30	-	-
3625MHz_RB 50,#RB 0	Pass	3.6G	3.61G	1M	3M	RMS	3.60982G	-33.72	-25.00	-8.72	-	-
3625MHz_RB 50,#RB 0	Pass	3.61G	3.619G	100k	300k	RMS	3.6185G	-22.08	-13.00	-9.08	MBW 1M	-
3625MHz_RB 50,#RB 0	Pass	3.619G	3.62G	100k	300k	RMS	3.61995G	-15.66	-13.00	-2.66	-	-
3625MHz_RB 50,#RB 0	Pass	3.63G	3.631G	100k	300k	RMS	3.63015G	-16.46	-13.00	-3.46	-	-
3625MHz_RB 50,#RB 0	Pass	3.631G	3.64G	100k	300k	RMS	3.6315G	-20.65	-13.00	-7.65	MBW 1M	-
3625MHz_RB 50,#RB 0	Pass	3.64G	3.65G	1M	3M	RMS	3.64185G	-36.19	-25.00	-11.19	-	-
3625MHz_RB 50,#RB 0	Pass	3.65G	3.85G	1M	3M	RMS	3.68656G	-35.82	-25.00	-10.82	-	-
3625MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.98301G	-56.50	-40.00	-16.50	-	-
3625MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.9333G	-46.52	-40.00	-6.52	-	-
3695MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	47.14k	-84.41	-40.00	-44.41	-	-
3695MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-52.75	-40.00	-12.75	-	-
3695MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	280.02M	-66.58	-40.00	-26.58	-	-
3695MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.13524G	-50.56	-40.00	-10.56	-	-
3695MHz_RB 50,#RB 0	Pass	3.45G	3.67G	1M	3M	RMS	3.66894G	-36.62	-25.00	-11.62	-	-
3695MHz_RB 50,#RB 0	Pass	3.67G	3.68G	1M	3M	RMS	3.67956G	-33.53	-25.00	-8.53	-	-
3695MHz_RB 50,#RB 0	Pass	3.68G	3.689G	100k	300k	RMS	3.6885G	-20.37	-13.00	-7.37	MBW 1M	-
3695MHz_RB 50,#RB 0	Pass	3.689G	3.69G	100k	300k	RMS	3.68941G	-17.11	-13.00	-4.11	-	-
3695MHz_RB 50,#RB 0	Pass	3.7G	3.701G	100k	300k	RMS	3.70022G	-19.17	-13.00	-6.17	-	-
3695MHz_RB 50,#RB 0	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-22.41	-13.00	-9.41	MBW 1M	-
3695MHz_RB 50,#RB 0	Pass	3.71G	3.72G	1M	3M	RMS	3.71007G	-38.43	-25.00	-13.43	-	-
3695MHz_RB 50,#RB 0	Pass	3.72G	3.85G	1M	3M	RMS	3.72099G	-55.83	-40.00	-15.83	-	-
3695MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99591G	-57.98	-40.00	-17.98	-	-
3695MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.99655G	-47.15	-40.00	-7.15	-	-
Band 48_LTE_10MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-	-	-	-	-	-
3555MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	68.361k	-83.91	-40.00	-43.91	-	-
3555MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-48.89	-40.00	-8.89	-	-
3555MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	994.13M	-59.62	-40.00	-19.62	-	-
3555MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	3.28512G	-54.43	-40.00	-14.43	-	-
3555MHz_RB 50,#RB 0	Pass	3.45G	3.53G	1M	3M	RMS	3.46592G	-54.08	-40.00	-14.08	-	-
3555MHz_RB 50,#RB 0	Pass	3.53G	3.54G	1M	3M	RMS	3.53947G	-40.26	-25.00	-15.26	-	-
3555MHz_RB 50,#RB 0	Pass	3.54G	3.549G	100k	300k	RMS	3.5485G	-20.63	-13.00	-7.63	MBW 1M	-
3555MHz_RB 50,#RB 0	Pass	3.549G	3.55G	100k	300k	RMS	3.54981G	-13.58	-13.00	-0.58	-	-
3555MHz_RB 50,#RB 0	Pass	3.56G	3.561G	100k	300k	RMS	3.56003G	-16.24	-13.00	-3.24	-	-
3555MHz_RB 50,#RB 0	Pass	3.561G	3.57G	100k	300k	RMS	3.5615G	-20.91	-13.00	-7.91	MBW 1M	-
3555MHz_RB 50,#RB 0	Pass	3.57G	3.58G	1M	3M	RMS	3.57096G	-33.18	-25.00	-8.18	-	-
3555MHz_RB 50,#RB 0	Pass	3.58G	3.85G	1M	3M	RMS	3.68633G	-35.16	-25.00	-10.16	-	-
3555MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99679G	-56.63	-40.00	-16.63	-	-
3555MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.96665G	-46.38	-40.00	-6.38	-	-
3625MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	34.732k	-83.50	-40.00	-43.50	-	-
3625MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-50.47	-40.00	-10.47	-	-
3625MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	210.91M	-66.63	-40.00	-26.63	-	-
3625MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.06664G	-49.82	-40.00	-9.82	-	-
3625MHz_RB 50,#RB 0	Pass	3.45G	3.6G	1M	3M	RMS	3.59865G	-38.08	-25.00	-13.08	-	-
3625MHz_RB 50,#RB 0	Pass	3.6G	3.61G	1M	3M	RMS	3.60978G	-32.79	-25.00	-7.79	-	-

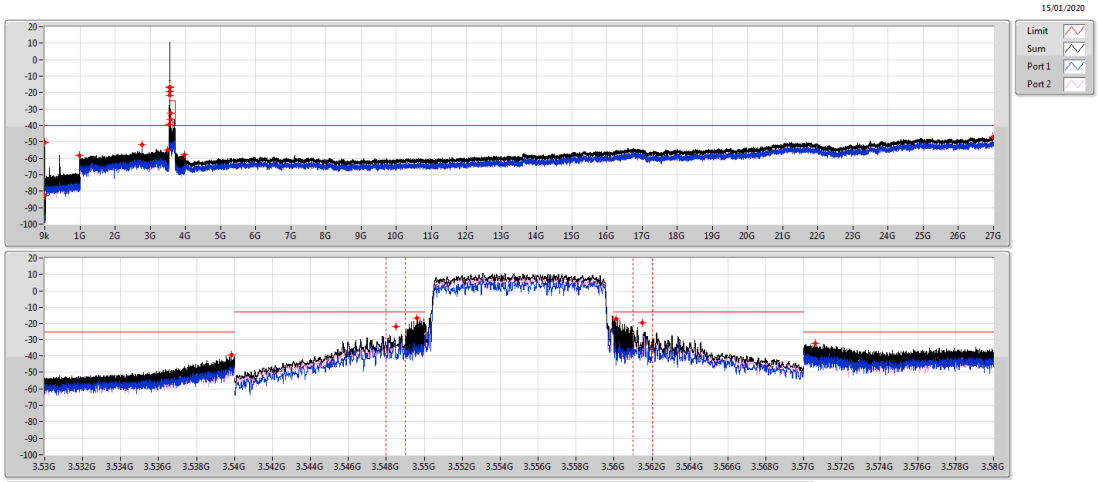
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
3625MHz_RB 50,#RB 0	Pass	3.61G	3.619G	100k	300k	RMS	3.6185G	-20.86	-13.00	-7.86	MBW 1M	-
3625MHz_RB 50,#RB 0	Pass	3.619G	3.62G	100k	300k	RMS	3.61969G	-16.27	-13.00	-3.27	-	-
3625MHz_RB 50,#RB 0	Pass	3.63G	3.631G	100k	300k	RMS	3.63023G	-13.68	-13.00	-0.68	-	-
3625MHz_RB 50,#RB 0	Pass	3.631G	3.64G	100k	300k	RMS	3.6315G	-19.32	-13.00	-6.32	MBW 1M	-
3625MHz_RB 50,#RB 0	Pass	3.64G	3.65G	1M	3M	RMS	3.64113G	-32.65	-25.00	-7.65	-	-
3625MHz_RB 50,#RB 0	Pass	3.65G	3.85G	1M	3M	RMS	3.65154G	-35.68	-25.00	-10.68	-	-
3625MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.94413G	-56.11	-40.00	-16.11	-	-
3625MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.632G	-46.71	-40.00	-6.71	-	-
3695MHz_RB 50,#RB 0	Pass	9k	150k	200	10k	RMS	42.417k	-84.29	-40.00	-44.29	-	-
3695MHz_RB 50,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-49.70	-40.00	-9.70	-	-
3695MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	279.24M	-66.19	-40.00	-26.19	-	-
3695MHz_RB 50,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.13647G	-48.49	-40.00	-8.49	-	-
3695MHz_RB 50,#RB 0	Pass	3.45G	3.67G	1M	3M	RMS	3.66971G	-36.34	-25.00	-11.34	-	-
3695MHz_RB 50,#RB 0	Pass	3.67G	3.68G	1M	3M	RMS	3.67935G	-32.32	-25.00	-7.32	-	-
3695MHz_RB 50,#RB 0	Pass	3.68G	3.689G	100k	300k	RMS	3.6885G	-20.36	-13.00	-7.36	MBW 1M	-
3695MHz_RB 50,#RB 0	Pass	3.689G	3.69G	100k	300k	RMS	3.68962G	-15.75	-13.00	-2.75	-	-
3695MHz_RB 50,#RB 0	Pass	3.7G	3.701G	100k	300k	RMS	3.70016G	-17.78	-13.00	-4.78	-	-
3695MHz_RB 50,#RB 0	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-22.60	-13.00	-9.60	MBW 1M	-
3695MHz_RB 50,#RB 0	Pass	3.71G	3.72G	1M	3M	RMS	3.71013G	-37.60	-25.00	-12.60	-	-
3695MHz_RB 50,#RB 0	Pass	3.72G	3.85G	1M	3M	RMS	3.7232G	-55.77	-40.00	-15.77	-	-
3695MHz_RB 50,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99222G	-57.51	-40.00	-17.51	-	-
3695MHz_RB 50,#RB 0	Pass	4G	37G	1M	3M	RMS	26.9218G	-47.02	-40.00	-7.02	-	-
Band 48_LTE_20MHz_Nss1,QPSK_2TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	9.141k	-81.40	-40.00	-41.40	-	-
3560MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-47.85	-40.00	-7.85	-	-
3560MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	433.67M	-50.01	-40.00	-10.01	-	-
3560MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.00025G	-46.68	-40.00	-6.68	-	-
3560MHz_RB 100,#RB 0	Pass	3.45G	3.53G	1M	3M	RMS	3.51652G	-53.24	-40.00	-13.24	-	-
3560MHz_RB 100,#RB 0	Pass	3.53G	3.54G	1M	3M	RMS	3.54G	-33.02	-25.00	-8.02	-	-
3560MHz_RB 100,#RB 0	Pass	3.54G	3.549G	200k	620k	RMS	3.5485G	-25.29	-13.00	-12.29	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.549G	3.55G	200k	620k	RMS	3.54996G	-21.88	-13.00	-8.88	-	-
3560MHz_RB 100,#RB 0	Pass	3.57G	3.571G	200k	620k	RMS	3.57003G	-21.38	-13.00	-8.38	-	-
3560MHz_RB 100,#RB 0	Pass	3.571G	3.58G	200k	620k	RMS	3.5725G	-25.27	-13.00	-12.27	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.58G	3.59G	200k	620k	RMS	3.5805G	-29.92	-25.00	-4.92	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.59G	3.85G	1M	3M	RMS	3.59023G	-31.88	-25.00	-6.88	-	-
3560MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.97927G	-58.02	-40.00	-18.02	-	-
3560MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.64695G	-47.11	-40.00	-7.11	-	-
3625MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	12.032k	-82.76	-40.00	-42.76	-	-
3625MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-48.89	-40.00	-8.89	-	-
3625MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	211.39M	-61.22	-40.00	-21.22	-	-
3625MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.06787G	-47.70	-40.00	-7.70	-	-
3625MHz_RB 100,#RB 0	Pass	3.45G	3.595G	1M	3M	RMS	3.59423G	-31.94	-25.00	-6.94	-	-
3625MHz_RB 100,#RB 0	Pass	3.595G	3.605G	200k	620k	RMS	3.6045G	-31.13	-25.00	-6.13	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.605G	3.614G	200k	620k	RMS	3.6135G	-25.61	-13.00	-12.61	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.614G	3.615G	200k	620k	RMS	3.61498G	-24.92	-13.00	-11.92	-	-
3625MHz_RB 100,#RB 0	Pass	3.635G	3.636G	200k	620k	RMS	3.63509G	-24.68	-13.00	-11.68	-	-
3625MHz_RB 100,#RB 0	Pass	3.636G	3.645G	200k	620k	RMS	3.6375G	-26.19	-13.00	-13.19	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.645G	3.655G	200k	620k	RMS	3.6455G	-30.68	-25.00	-5.68	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.655G	3.85G	1M	3M	RMS	3.65676G	-33.92	-25.00	-8.92	-	-
3625MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.97461G	-57.36	-40.00	-17.36	-	-
3625MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.9586G	-46.61	-40.00	-6.61	-	-
3690MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	13.864k	-81.76	-40.00	-41.76	-	-
3690MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-49.48	-40.00	-9.48	-	-
3690MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	273.42M	-56.68	-40.00	-16.68	-	-

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
3690MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.13132G	-44.65	-40.00	-4.65	-	-
3690MHz_RB 100,#RB 0	Pass	3.45G	3.66G	1M	3M	RMS	3.65721G	-30.49	-25.00	-5.49	-	-
3690MHz_RB 100,#RB 0	Pass	3.66G	3.67G	200k	620k	RMS	3.6695G	-30.05	-25.00	-5.05	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.67G	3.679G	200k	620k	RMS	3.6785G	-25.53	-13.00	-12.53	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.679G	3.68G	200k	620k	RMS	3.67985G	-22.94	-13.00	-9.94	-	-
3690MHz_RB 100,#RB 0	Pass	3.7G	3.701G	200k	620k	RMS	3.70077G	-20.78	-13.00	-7.78	-	-
3690MHz_RB 100,#RB 0	Pass	3.701G	3.71G	200k	620k	RMS	3.7015G	-23.61	-13.00	-10.61	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.71G	3.72G	200k	620k	RMS	3.7105G	-32.41	-25.00	-7.41	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.72G	3.85G	1M	3M	RMS	3.72075G	-55.28	-40.00	-15.28	-	-
3690MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.95568G	-57.54	-40.00	-17.54	-	-
3690MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.6205G	-47.29	-40.00	-7.29	-	-
Band 48_LTE_20MHz_Nss1,16QAM_2TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	32.265k	-79.75	-40.00	-39.75	-	-
3560MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	179.85k	-48.74	-40.00	-8.74	-	-
3560MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	432.79M	-52.26	-40.00	-12.26	-	-
3560MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.00245G	-45.40	-40.00	-5.40	-	-
3560MHz_RB 100,#RB 0	Pass	3.45G	3.53G	1M	3M	RMS	3.51086G	-52.94	-40.00	-12.94	-	-
3560MHz_RB 100,#RB 0	Pass	3.53G	3.54G	200k	620k	RMS	3.5395G	-38.92	-25.00	-13.92	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.54G	3.549G	200k	620k	RMS	3.5485G	-25.53	-13.00	-12.53	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.549G	3.55G	200k	620k	RMS	3.54997G	-21.88	-13.00	-8.88	-	-
3560MHz_RB 100,#RB 0	Pass	3.57G	3.571G	200k	620k	RMS	3.57006G	-22.50	-13.00	-9.50	-	-
3560MHz_RB 100,#RB 0	Pass	3.571G	3.58G	200k	620k	RMS	3.5715G	-26.91	-13.00	-13.91	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.58G	3.59G	200k	620k	RMS	3.5805G	-29.96	-25.00	-4.96	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.59G	3.85G	1M	3M	RMS	3.59052G	-31.66	-25.00	-6.66	-	-
3560MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99441G	-57.52	-40.00	-17.52	-	-
3560MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.98505G	-46.88	-40.00	-6.88	-	-
3625MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	77.314k	-83.30	-40.00	-43.30	-	-
3625MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-49.41	-40.00	-9.41	-	-
3625MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	630.53M	-63.11	-40.00	-23.11	-	-
3625MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.06468G	-46.25	-40.00	-6.25	-	-
3625MHz_RB 100,#RB 0	Pass	3.45G	3.595G	1M	3M	RMS	3.59322G	-31.81	-25.00	-6.81	-	-
3625MHz_RB 100,#RB 0	Pass	3.595G	3.605G	200k	620k	RMS	3.6045G	-30.93	-25.00	-5.93	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.605G	3.614G	200k	620k	RMS	3.6125G	-26.90	-13.00	-13.90	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.614G	3.615G	200k	620k	RMS	3.6149G	-25.33	-13.00	-12.33	-	-
3625MHz_RB 100,#RB 0	Pass	3.635G	3.636G	200k	620k	RMS	3.6351G	-23.99	-13.00	-10.99	-	-
3625MHz_RB 100,#RB 0	Pass	3.636G	3.645G	200k	620k	RMS	3.6365G	-28.72	-13.00	-15.72	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.645G	3.655G	200k	620k	RMS	3.6455G	-31.03	-25.00	-6.03	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.655G	3.85G	1M	3M	RMS	3.68645G	-32.77	-25.00	-7.77	-	-
3625MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.98101G	-57.15	-40.00	-17.15	-	-
3625MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.9885G	-46.94	-40.00	-6.94	-	-
3690MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	66.246k	-82.77	-40.00	-42.77	-	-
3690MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-49.98	-40.00	-9.98	-	-
3690MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	276.82M	-60.02	-40.00	-20.02	-	-
3690MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.12863G	-45.88	-40.00	-5.88	-	-
3690MHz_RB 100,#RB 0	Pass	3.45G	3.66G	1M	3M	RMS	3.65964G	-32.33	-25.00	-7.33	-	-
3690MHz_RB 100,#RB 0	Pass	3.66G	3.67G	200k	620k	RMS	3.6685G	-31.91	-25.00	-6.91	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.67G	3.679G	200k	620k	RMS	3.6785G	-27.22	-13.00	-14.22	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.679G	3.68G	200k	620k	RMS	3.67995G	-23.29	-13.00	-10.29	-	-
3690MHz_RB 100,#RB 0	Pass	3.7G	3.701G	200k	620k	RMS	3.70003G	-21.85	-13.00	-8.85	-	-
3690MHz_RB 100,#RB 0	Pass	3.701G	3.71G	200k	620k	RMS	3.7015G	-27.80	-13.00	-14.80	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.71G	3.72G	200k	620k	RMS	3.7105G	-35.57	-25.00	-10.57	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.72G	3.85G	1M	3M	RMS	3.72506G	-55.74	-40.00	-15.74	-	-
3690MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99228G	-57.78	-40.00	-17.78	-	-
3690MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.98045G	-46.70	-40.00	-6.70	-	-

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 48_LTE_20MHz_Nss1,64QAM_2TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	21.267k	-81.07	-40.00	-41.07	-	-
3560MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-49.54	-40.00	-9.54	-	-
3560MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	435.07M	-50.27	-40.00	-10.27	-	-
3560MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.00098G	-45.68	-40.00	-5.68	-	-
3560MHz_RB 100,#RB 0	Pass	3.45G	3.53G	1M	3M	RMS	3.45001G	-52.93	-40.00	-12.93	-	-
3560MHz_RB 100,#RB 0	Pass	3.53G	3.54G	200k	620k	RMS	3.5395G	-37.75	-25.00	-12.75	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.54G	3.549G	200k	620k	RMS	3.5485G	-25.27	-13.00	-12.27	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.549G	3.55G	200k	620k	RMS	3.54995G	-21.83	-13.00	-8.83	-	-
3560MHz_RB 100,#RB 0	Pass	3.57G	3.571G	200k	620k	RMS	3.57003G	-20.90	-13.00	-7.90	-	-
3560MHz_RB 100,#RB 0	Pass	3.571G	3.58G	200k	620k	RMS	3.5715G	-25.89	-13.00	-12.89	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.58G	3.59G	200k	620k	RMS	3.5805G	-29.18	-25.00	-4.18	MBW 1M	-
3560MHz_RB 100,#RB 0	Pass	3.59G	3.85G	1M	3M	RMS	3.59039G	-31.58	-25.00	-6.58	-	-
3560MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99931G	-57.59	-40.00	-17.59	-	-
3560MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.99655G	-47.34	-40.00	-7.34	-	-
3625MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	9.212k	-81.88	-40.00	-41.88	-	-
3625MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	150k	-49.59	-40.00	-9.59	-	-
3625MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	209.89M	-59.25	-40.00	-19.25	-	-
3625MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.06713G	-45.70	-40.00	-5.70	-	-
3625MHz_RB 100,#RB 0	Pass	3.45G	3.595G	1M	3M	RMS	3.59487G	-29.71	-25.00	-4.71	-	-
3625MHz_RB 100,#RB 0	Pass	3.595G	3.605G	200k	620k	RMS	3.6045G	-28.35	-25.00	-3.35	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.605G	3.614G	200k	620k	RMS	3.6135G	-25.40	-13.00	-12.40	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.614G	3.615G	200k	620k	RMS	3.615G	-21.18	-13.00	-8.18	-	-
3625MHz_RB 100,#RB 0	Pass	3.635G	3.636G	200k	620k	RMS	3.63503G	-22.65	-13.00	-9.65	-	-
3625MHz_RB 100,#RB 0	Pass	3.636G	3.645G	200k	620k	RMS	3.6365G	-24.60	-13.00	-11.60	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.645G	3.655G	200k	620k	RMS	3.6455G	-29.99	-25.00	-4.99	MBW 1M	-
3625MHz_RB 100,#RB 0	Pass	3.655G	3.85G	1M	3M	RMS	3.65619G	-32.35	-25.00	-7.35	-	-
3625MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.95572G	-57.57	-40.00	-17.57	-	-
3625MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.96435G	-46.76	-40.00	-6.76	-	-
3690MHz_RB 100,#RB 0	Pass	9k	150k	200	10k	RMS	9.212k	-81.99	-40.00	-41.99	-	-
3690MHz_RB 100,#RB 0	Pass	150k	30M	9.1k	30k	RMS	155.97k	-49.20	-40.00	-9.20	-	-
3690MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	274.93M	-57.54	-40.00	-17.54	-	-
3690MHz_RB 100,#RB 0	Pass	1G	3.45G	1M	3M	RMS	1.13279G	-46.91	-40.00	-6.91	-	-
3690MHz_RB 100,#RB 0	Pass	3.45G	3.66G	1M	3M	RMS	3.65798G	-30.13	-25.00	-5.13	-	-
3690MHz_RB 100,#RB 0	Pass	3.66G	3.67G	200k	620k	RMS	3.6695G	-29.23	-25.00	-4.23	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.67G	3.679G	200k	620k	RMS	3.6785G	-23.98	-13.00	-10.98	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.679G	3.68G	200k	620k	RMS	3.67997G	-22.97	-13.00	-9.97	-	-
3690MHz_RB 100,#RB 0	Pass	3.7G	3.701G	200k	620k	RMS	3.70004G	-21.87	-13.00	-8.87	-	-
3690MHz_RB 100,#RB 0	Pass	3.701G	3.71G	200k	620k	RMS	3.7015G	-23.75	-13.00	-10.75	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.71G	3.72G	200k	620k	RMS	3.7105G	-33.02	-25.00	-8.02	MBW 1M	-
3690MHz_RB 100,#RB 0	Pass	3.72G	3.85G	1M	3M	RMS	3.72202G	-55.00	-40.00	-15.00	-	-
3690MHz_RB 100,#RB 0	Pass	3.85G	4G	1M	3M	RMS	3.99888G	-56.48	-40.00	-16.48	-	-
3690MHz_RB 100,#RB 0	Pass	4G	37G	1M	3M	RMS	26.9977G	-46.90	-40.00	-6.90	-	-

Band 48_LTE_10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

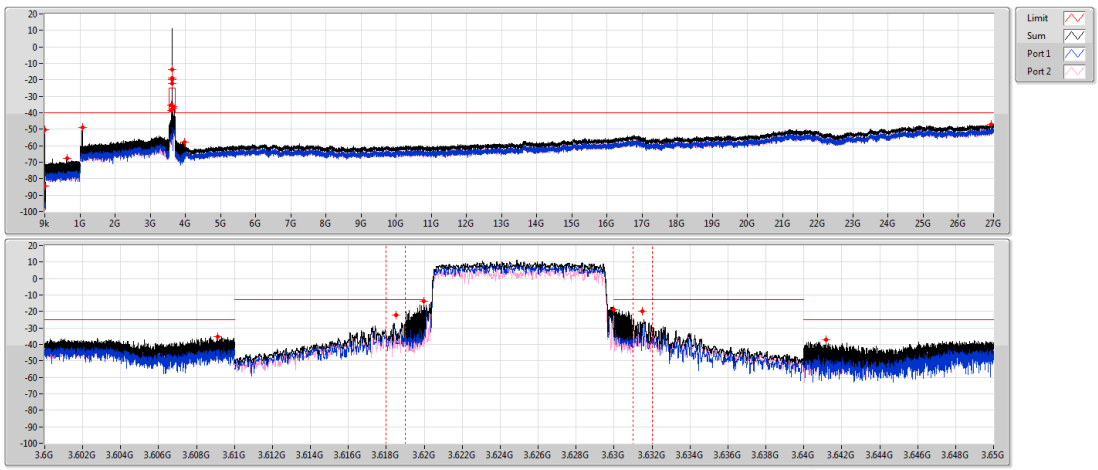
3555MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	46.012k	-82.52	-40.00	-42.52	-	-	-84.59	-86.72
150k	30M	9.1k	30k	RMS	150k	-50.52	-40.00	-10.52	-	-	-54.79	-52.55
30M	1G	100k	300k	RMS	993.5M	-58.08	-40.00	-18.08	-	-	-64.09	-59.33
1G	3.45G	1M	3M	RMS	2.77478G	-51.82	-40.00	-11.82	-	-	-59.92	-52.55
3.45G	3.53G	1M	3M	RMS	3.49676G	-55.04	-40.00	-15.04	-	-	-58.24	-57.87
3.53G	3.54G	1M	3M	RMS	3.53985G	-39.58	-25.00	-14.58	-	-	-42.40	-42.79
3.54G	3.549G	100k	300k	RMS	3.5485G	-21.86	-13.00	-8.86	MBW 1M	-	-	-
3.549G	3.55G	100k	300k	RMS	3.54959G	-16.62	-13.00	-3.62	-	-	-38.17	-16.65
3.56G	3.561G	100k	300k	RMS	3.56012G	-16.85	-13.00	-3.85	-	-	-39.18	-16.88
3.561G	3.57G	100k	300k	RMS	3.5615G	-19.55	-13.00	-6.55	MBW 1M	-	-	-
3.57G	3.58G	1M	3M	RMS	3.57062G	-32.31	-25.00	-7.31	-	-	-39.38	-33.26
3.58G	3.85G	1M	3M	RMS	3.58394G	-36.20	-25.00	-11.20	-	-	-44.27	-36.94
3.85G	4G	1M	3M	RMS	3.98232G	-57.96	-40.00	-17.96	-	-	-60.01	-62.21
4G	37G	1M	3M	RMS	26.97585G	-47.07	-40.00	-7.07	-	-	-49.23	-51.13

Band 48_LTE_10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

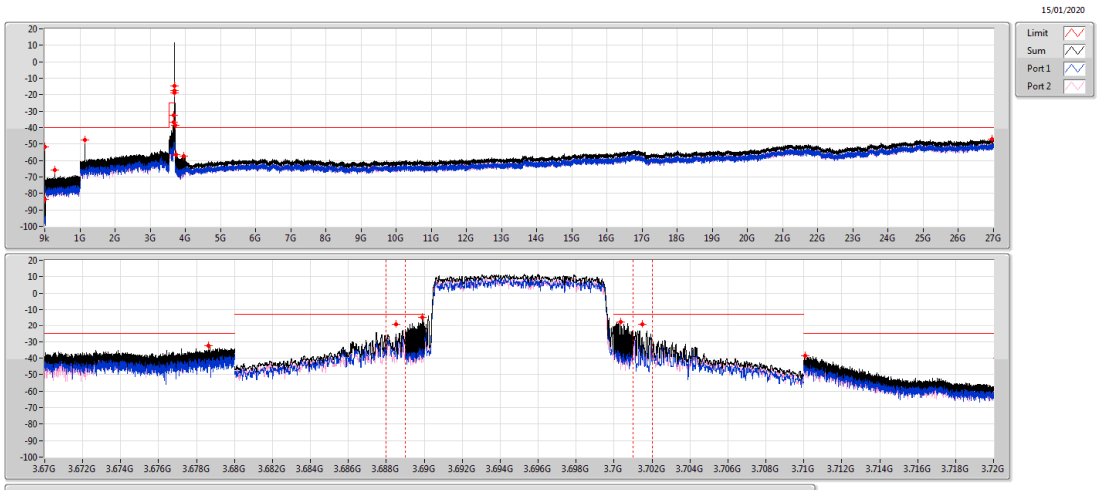
3625MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	48.339k	-84.31	-40.00	-44.31	-	-	-88.47	-86.41
150k	30M	9.1k	30k	RMS	150k	-50.27	-40.00	-10.27	-	-	-54.15	-52.55
30M	1G	100k	300k	RMS	627.71M	-67.83	-40.00	-27.83	-	-	-70.58	-71.11
1G	3.45G	1M	3M	RMS	1.06615G	-48.71	-40.00	-8.71	-	-	-50.37	-53.70
3.45G	3.6G	1M	3M	RMS	3.59805G	-38.62	-25.00	-13.62	-	-	-39.77	-44.95
3.6G	3.61G	1M	3M	RMS	3.60911G	-35.24	-25.00	-10.24	-	-	-37.67	-38.93
3.61G	3.619G	100k	300k	RMS	3.6185G	-22.24	-13.00	-9.24	MBW 1M	-	-	-
3.619G	3.62G	100k	300k	RMS	3.61998G	-13.64	-13.00	-0.64	-	-	-19.38	-14.99
3.63G	3.631G	100k	300k	RMS	3.63G	-18.88	-13.00	-5.88	-	-	-19.60	-27.03
3.631G	3.64G	100k	300k	RMS	3.6315G	-19.77	-13.00	-6.77	MBW 1M	-	-	-
3.64G	3.65G	1M	3M	RMS	3.64117G	-37.39	-25.00	-12.39	-	-	-37.62	-50.27
3.65G	3.85G	1M	3M	RMS	3.65086G	-36.45	-25.00	-11.45	-	-	-38.54	-40.64
3.85G	4G	1M	3M	RMS	3.9679G	-57.85	-40.00	-17.85	-	-	-60.70	-61.02
4G	37G	1M	3M	RMS	26.931G	-47.18	-40.00	-7.18	-	-	-49.62	-50.84

Band 48_LTE_10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

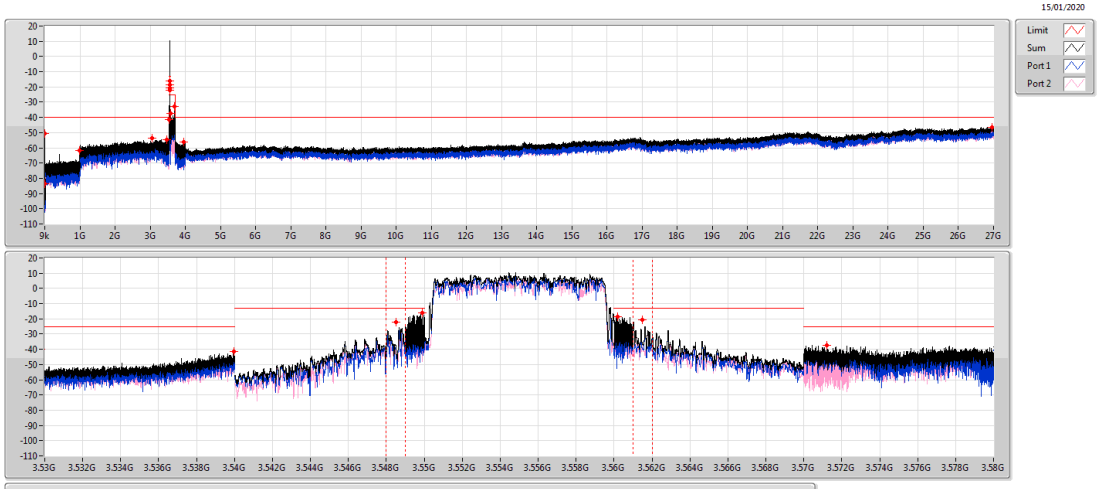
3695MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	11.89k	-83.69	-40.00	-43.69	-	-	-87.59	-85.97
150k	30M	9.1k	30k	RMS	150k	-51.91	-40.00	-11.91	-	-	-54.92	-54.93
30M	1G	100k	300k	RMS	279.68M	-65.59	-40.00	-25.59	-	-	-67.51	-70.07
1G	3.45G	1M	3M	RMS	1.13451G	-47.73	-40.00	-7.73	-	-	-51.05	-50.46
3.45G	3.67G	1M	3M	RMS	3.66958G	-36.59	-25.00	-11.59	-	-	-41.49	-38.29
3.67G	3.68G	1M	3M	RMS	3.67864G	-32.48	-25.00	-7.48	-	-	-39.86	-33.36
3.68G	3.689G	100k	300k	RMS	3.6885G	-19.07	-13.00	-6.07	MBW 1M	-	-	-
3.689G	3.69G	100k	300k	RMS	3.6899G	-14.49	-13.00	-1.49	-	-	-23.61	-15.06
3.7G	3.701G	100k	300k	RMS	3.70034G	-17.57	-13.00	-4.57	-	-	-20.52	-20.64
3.701G	3.71G	100k	300k	RMS	3.7015G	-18.83	-13.00	-5.83	MBW 1M	-	-	-
3.71G	3.72G	1M	3M	RMS	3.71008G	-38.55	-25.00	-13.55	-	-	-40.40	-43.14
3.72G	3.85G	1M	3M	RMS	3.724G	-56.25	-40.00	-16.25	-	-	-58.53	-60.13
3.85G	4G	1M	3M	RMS	3.95573G	-57.13	-40.00	-17.13	-	-	-59.35	-61.11
4G	37G	1M	3M	RMS	26.9517G	-46.89	-40.00	-6.89	-	-	-49.43	-50.43

Band 48_LTE_10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

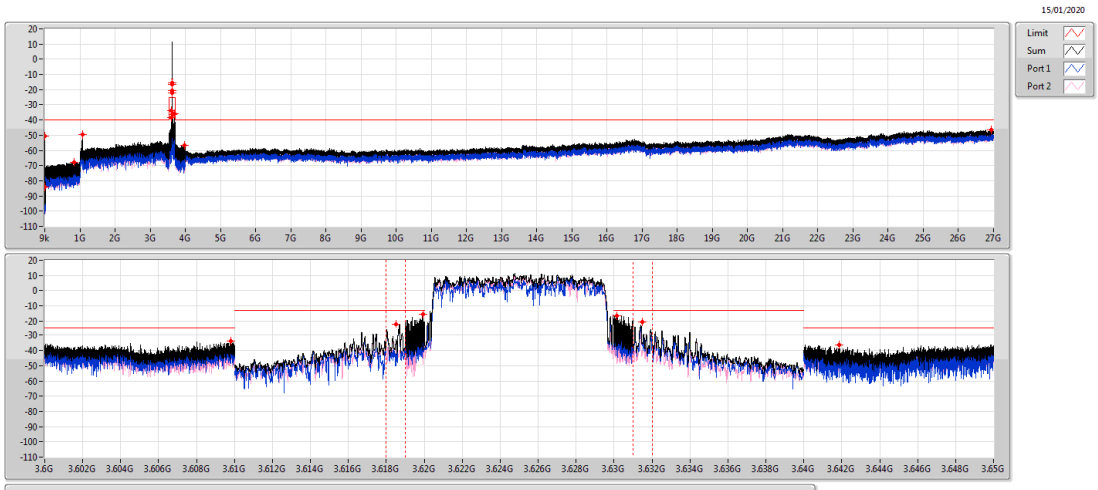
3555MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	16.402k	-83.64	-40.00	-43.64	-	-	-86.74	-86.57
150k	30M	9.1k	30k	RMS	150k	-50.41	-40.00	-10.41	-	-	-53.26	-53.58
30M	1G	100k	300k	RMS	994.67M	-62.01	-40.00	-22.01	-	-	-64.38	-65.76
1G	3.45G	1M	3M	RMS	3.06217G	-53.51	-40.00	-13.51	-	-	-57.24	-55.90
3.45G	3.53G	1M	3M	RMS	3.46273G	-54.65	-40.00	-14.65	-	-	-57.10	-58.31
3.53G	3.54G	1M	3M	RMS	3.53997G	-41.34	-25.00	-16.34	-	-	-47.09	-42.69
3.54G	3.549G	100k	300k	RMS	3.5485G	-22.17	-13.00	-9.17	MBW 1M	-	-	-
3.549G	3.55G	100k	300k	RMS	3.5499G	-15.98	-13.00	-2.98	-	-	-16.09	-32.18
3.56G	3.561G	100k	300k	RMS	3.56019G	-18.50	-13.00	-5.50	-	-	-35.21	-18.59
3.561G	3.57G	100k	300k	RMS	3.5615G	-20.76	-13.00	-7.76	MBW 1M	-	-	-
3.57G	3.58G	1M	3M	RMS	3.57121G	-37.45	-25.00	-12.45	-	-	-37.92	-47.32
3.58G	3.85G	1M	3M	RMS	3.68668G	-32.92	-25.00	-7.92	-	-	-33.10	-46.86
3.85G	4G	1M	3M	RMS	3.94531G	-56.05	-40.00	-16.05	-	-	-57.07	-62.86
4G	37G	1M	3M	RMS	26.95745G	-46.44	-40.00	-6.44	-	-	-50.13	-48.86

Band 48_LTE_10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

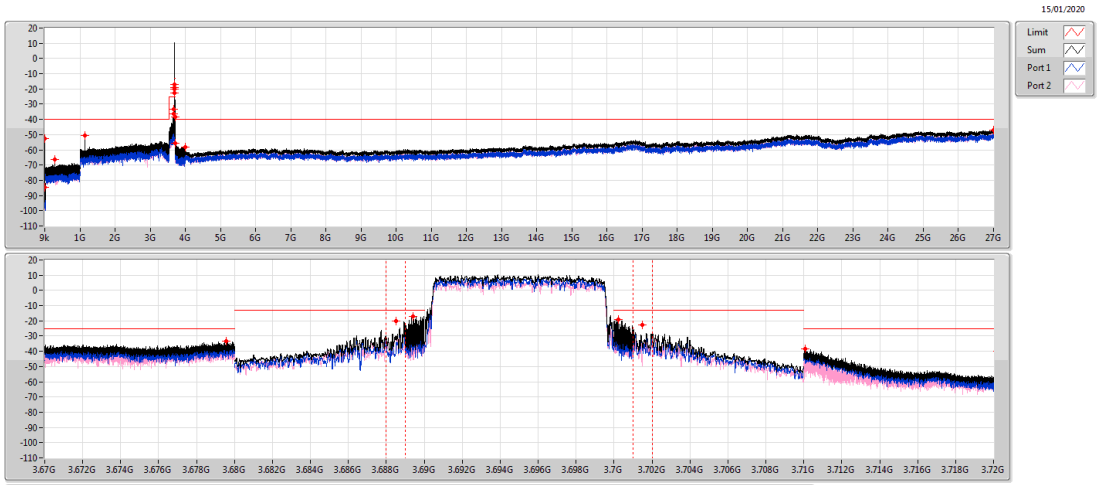
3625MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	24.51k	-84.12	-40.00	-44.12	-	-	-86.20	-88.31
150k	30M	9.1k	30k	RMS	167.91k	-50.59	-40.00	-10.59	-	-	-51.27	-59.01
30M	1G	100k	300k	RMS	833.01M	-67.72	-40.00	-27.72	-	-	-73.20	-69.16
1G	3.45G	1M	3M	RMS	1.06738G	-49.45	-40.00	-9.45	-	-	-60.56	-49.80
3.45G	3.6G	1M	3M	RMS	3.59964G	-38.30	-25.00	-13.30	-	-	-42.10	-40.64
3.6G	3.61G	1M	3M	RMS	3.60982G	-33.72	-25.00	-8.72	-	-	-34.77	-40.41
3.61G	3.619G	100k	300k	RMS	3.6185G	-22.08	-13.00	-9.08	MBW 1M	-	-	-
3.619G	3.62G	100k	300k	RMS	3.61995G	-15.66	-13.00	-2.66	-	-	-15.72	-34.10
3.63G	3.631G	100k	300k	RMS	3.63015G	-16.46	-13.00	-3.46	-	-	-16.47	-42.00
3.631G	3.64G	100k	300k	RMS	3.6315G	-20.65	-13.00	-7.65	MBW 1M	-	-	-
3.64G	3.65G	1M	3M	RMS	3.64185G	-36.19	-25.00	-11.19	-	-	-46.21	-36.65
3.65G	3.85G	1M	3M	RMS	3.68656G	-35.82	-25.00	-10.82	-	-	-42.08	-36.99
3.85G	4G	1M	3M	RMS	3.98301G	-56.50	-40.00	-16.50	-	-	-58.32	-61.16
4G	37G	1M	3M	RMS	26.9333G	-46.52	-40.00	-6.52	-	-	-49.66	-49.40

Band 48_LTE_10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

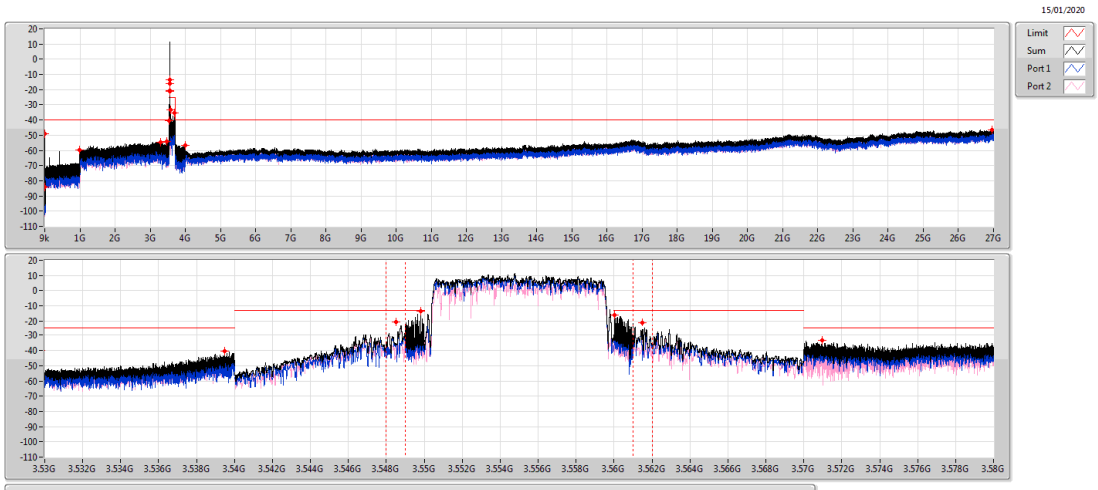
3695MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	47.14k	-84.41	-40.00	-44.41	-	-	-87.42	-87.42
150k	30M	9.1k	30k	RMS	150k	-52.75	-40.00	-12.75	-	-	-56.14	-55.42
30M	1G	100k	300k	RMS	280.02M	-66.58	-40.00	-26.58	-	-	-68.14	-71.77
1G	3.45G	1M	3M	RMS	1.13524G	-50.56	-40.00	-10.56	-	-	-55.25	-52.36
3.45G	3.67G	1M	3M	RMS	3.66894G	-36.62	-25.00	-11.62	-	-	-40.00	-39.29
3.67G	3.68G	1M	3M	RMS	3.67956G	-33.53	-25.00	-8.53	-	-	-34.67	-39.88
3.68G	3.689G	100k	300k	RMS	3.6885G	-20.37	-13.00	-7.37	MBW 1M	-	-	-
3.689G	3.69G	100k	300k	RMS	3.68941G	-17.11	-13.00	-4.11	-	-	-17.12	-45.14
3.7G	3.701G	100k	300k	RMS	3.70022G	-19.17	-13.00	-6.17	-	-	-21.33	-23.24
3.701G	3.71G	100k	300k	RMS	3.7015G	-22.41	-13.00	-9.41	MBW 1M	-	-	-
3.71G	3.72G	1M	3M	RMS	3.71007G	-38.43	-25.00	-13.43	-	-	-38.66	-51.37
3.72G	3.85G	1M	3M	RMS	3.72099G	-55.83	-40.00	-15.83	-	-	-60.20	-57.80
3.85G	4G	1M	3M	RMS	3.99591G	-57.98	-40.00	-17.98	-	-	-60.71	-61.29
4G	37G	1M	3M	RMS	26.99655G	-47.15	-40.00	-7.15	-	-	-49.40	-51.09

Band 48_LTE_10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

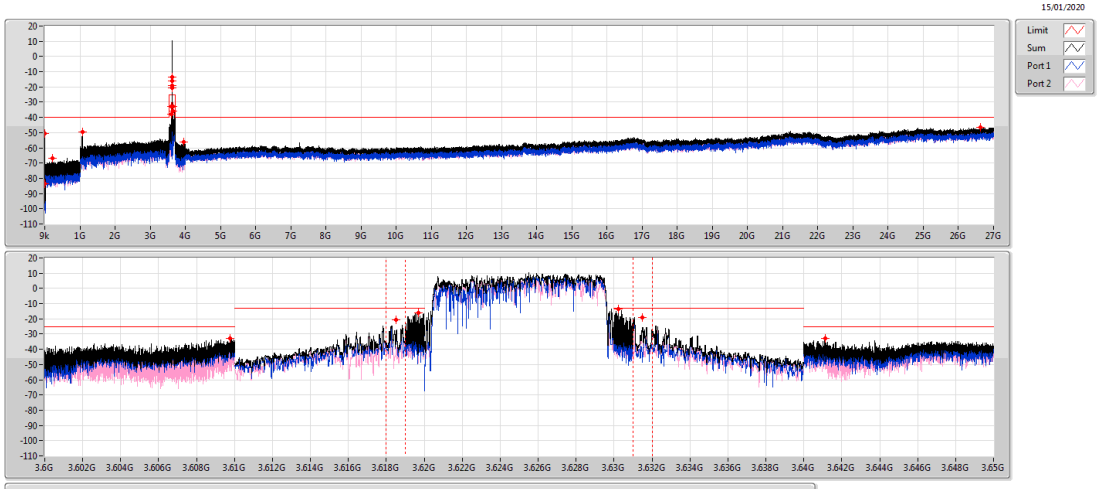
3555MHz_64QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	68.361k	-83.91	-40.00	-43.91	-	-	-86.13	-87.88
150k	30M	9.1k	30k	RMS	150k	-48.89	-40.00	-8.89	-	-	-55.71	-49.90
30M	1G	100k	300k	RMS	994.13M	-59.62	-40.00	-19.62	-	-	-61.00	-65.28
1G	3.45G	1M	3M	RMS	3.28512G	-54.43	-40.00	-14.43	-	-	-57.73	-57.17
3.45G	3.53G	1M	3M	RMS	3.46592G	-54.08	-40.00	-14.08	-	-	-55.50	-59.63
3.53G	3.54G	1M	3M	RMS	3.53947G	-40.26	-25.00	-15.26	-	-	-41.37	-46.73
3.54G	3.549G	100k	300k	RMS	3.5485G	-20.63	-13.00	-7.63	MBW 1M	-	-	-
3.549G	3.55G	100k	300k	RMS	3.54981G	-13.58	-13.00	-0.58	-	-	-14.95	-19.27
3.56G	3.561G	100k	300k	RMS	3.56003G	-16.24	-13.00	-3.24	-	-	-16.25	-42.80
3.561G	3.57G	100k	300k	RMS	3.5615G	-20.91	-13.00	-7.91	MBW 1M	-	-	-
3.57G	3.58G	1M	3M	RMS	3.57096G	-33.18	-25.00	-8.18	-	-	-33.28	-49.68
3.58G	3.85G	1M	3M	RMS	3.68633G	-35.16	-25.00	-10.16	-	-	-36.37	-41.31
3.85G	4G	1M	3M	RMS	3.99679G	-56.63	-40.00	-16.63	-	-	-63.82	-57.55
4G	37G	1M	3M	RMS	26.96665G	-46.38	-40.00	-6.38	-	-	-49.15	-49.64

Band 48_LTE_10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

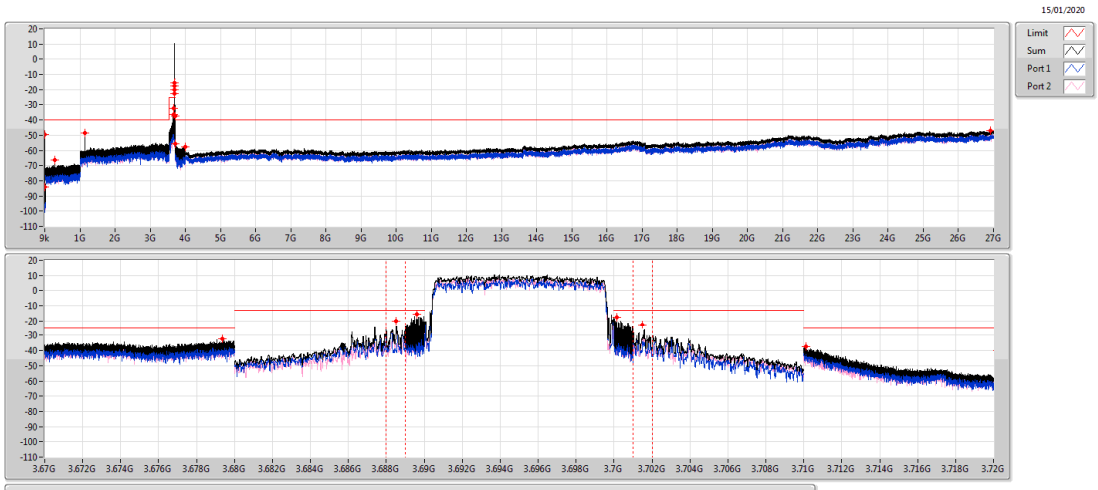
3625MHz_64QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	34.732k	-83.50	-40.00	-43.50	-	-	-87.72	-85.57
150k	30M	9.1k	30k	RMS	150k	-50.47	-40.00	-10.47	-	-	-53.78	-53.20
30M	1G	100k	300k	RMS	210.91M	-66.63	-40.00	-26.63	-	-	-67.61	-73.56
1G	3.45G	1M	3M	RMS	1.06664G	-49.82	-40.00	-9.82	-	-	-51.12	-55.71
3.45G	3.6G	1M	3M	RMS	3.59865G	-38.08	-25.00	-13.08	-	-	-39.00	-45.25
3.6G	3.61G	1M	3M	RMS	3.60978G	-32.79	-25.00	-7.79	-	-	-33.06	-45.02
3.61G	3.619G	100k	300k	RMS	3.6185G	-20.86	-13.00	-7.86	MBW 1M	-	-	-
3.619G	3.62G	100k	300k	RMS	3.61969G	-16.27	-13.00	-3.27	-	-	-36.80	-16.31
3.63G	3.631G	100k	300k	RMS	3.63023G	-13.68	-13.00	-0.68	-	-	-26.89	-13.89
3.631G	3.64G	100k	300k	RMS	3.6315G	-19.32	-13.00	-6.32	MBW 1M	-	-	-
3.64G	3.65G	1M	3M	RMS	3.64113G	-32.65	-25.00	-7.65	-	-	-33.38	-40.73
3.65G	3.85G	1M	3M	RMS	3.65154G	-35.68	-25.00	-10.68	-	-	-39.04	-38.37
3.85G	4G	1M	3M	RMS	3.94413G	-56.11	-40.00	-16.11	-	-	-58.92	-59.33
4G	37G	1M	3M	RMS	26.632G	-46.71	-40.00	-6.71	-	-	-48.93	-50.68

Band 48_LTE_10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

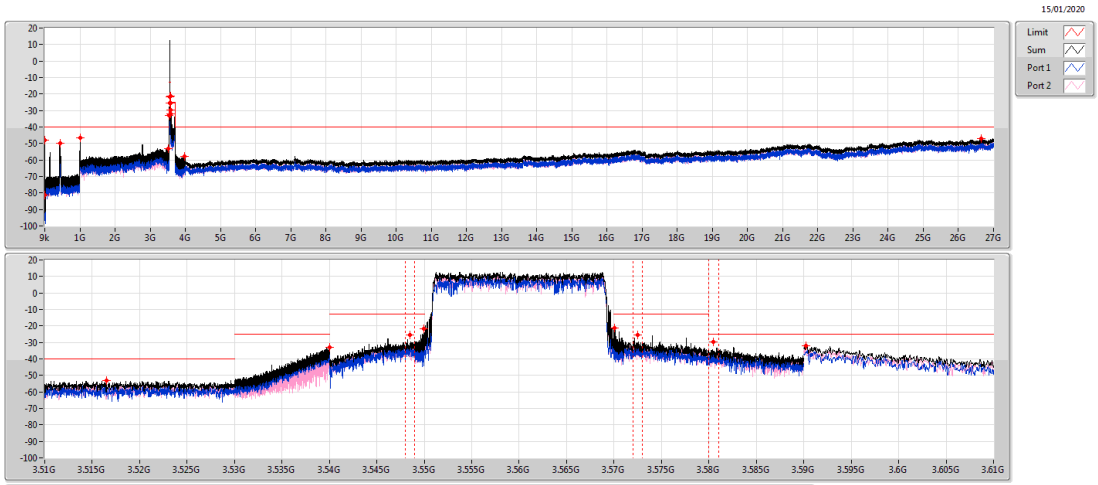
3695MHz_64QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	42.417k	-84.29	-40.00	-44.29	-	-	-88.07	-86.65
150k	30M	9.1k	30k	RMS	150k	-49.70	-40.00	-9.70	-	-	-54.70	-51.35
30M	1G	100k	300k	RMS	279.24M	-66.19	-40.00	-26.19	-	-	-69.73	-68.72
1G	3.45G	1M	3M	RMS	1.13647G	-48.49	-40.00	-8.49	-	-	-49.72	-54.55
3.45G	3.67G	1M	3M	RMS	3.66971G	-36.34	-25.00	-11.34	-	-	-41.37	-37.97
3.67G	3.68G	1M	3M	RMS	3.67935G	-32.32	-25.00	-7.32	-	-	-36.15	-34.64
3.68G	3.689G	100k	300k	RMS	3.6885G	-20.36	-13.00	-7.36	MBW 1M	-	-	-
3.689G	3.69G	100k	300k	RMS	3.68962G	-15.75	-13.00	-2.75	-	-	-23.67	-16.52
3.7G	3.701G	100k	300k	RMS	3.70016G	-17.78	-13.00	-4.78	-	-	-37.13	-17.83
3.701G	3.71G	100k	300k	RMS	3.7015G	-22.60	-13.00	-9.60	MBW 1M	-	-	-
3.71G	3.72G	1M	3M	RMS	3.71013G	-37.60	-25.00	-12.60	-	-	-38.25	-46.16
3.72G	3.85G	1M	3M	RMS	3.7232G	-55.77	-40.00	-15.77	-	-	-60.06	-57.79
3.85G	4G	1M	3M	RMS	3.99222G	-57.51	-40.00	-17.51	-	-	-60.50	-60.55
4G	37G	1M	3M	RMS	26.9218G	-47.02	-40.00	-7.02	-	-	-49.48	-50.66

Band 48_LTE_20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

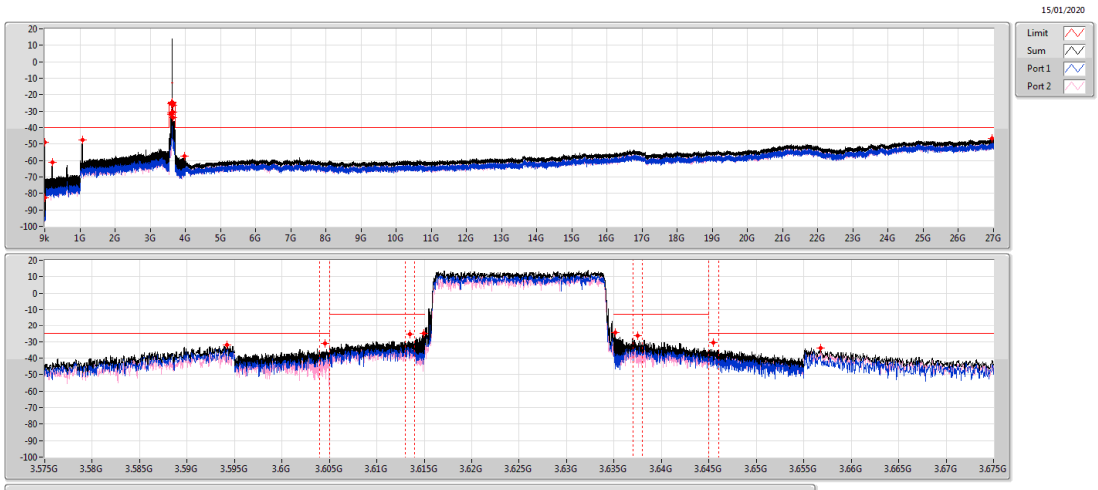
3560MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	9.141k	-81.40	-40.00	-41.40	-	-	-85.93	-83.28
150k	30M	9.1k	30k	RMS	150k	-47.85	-40.00	-7.85	-	-	-51.87	-50.04
30M	1G	100k	300k	RMS	433.67M	-50.01	-40.00	-10.01	-	-	-59.99	-50.47
1G	3.45G	1M	3M	RMS	1.00025G	-46.68	-40.00	-6.68	-	-	-51.89	-48.24
3.45G	3.53G	1M	3M	RMS	3.51652G	-53.24	-40.00	-13.24	-	-	-57.53	-55.27
3.53G	3.54G	1M	3M	RMS	3.54G	-33.02	-25.00	-8.02	-	-	-35.24	-36.99
3.54G	3.549G	200k	620k	RMS	3.5485G	-25.29	-13.00	-12.29	MBW 1M	-	-	-
3.549G	3.55G	200k	620k	RMS	3.54996G	-21.88	-13.00	-8.88	-	-	-23.99	-26.04
3.57G	3.571G	200k	620k	RMS	3.57003G	-21.38	-13.00	-8.38	-	-	-22.51	-27.79
3.571G	3.58G	200k	620k	RMS	3.5725G	-25.27	-13.00	-12.27	MBW 1M	-	-	-
3.58G	3.59G	200k	620k	RMS	3.5805G	-29.92	-25.00	-4.92	MBW 1M	-	-	-
3.59G	3.85G	1M	3M	RMS	3.59023G	-31.88	-25.00	-6.88	-	-	-35.76	-34.16
3.85G	4G	1M	3M	RMS	3.97927G	-58.02	-40.00	-18.02	-	-	-59.77	-62.82
4G	37G	1M	3M	RMS	26.64695G	-47.11	-40.00	-7.11	-	-	-49.41	-50.96

Band 48_LTE_20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

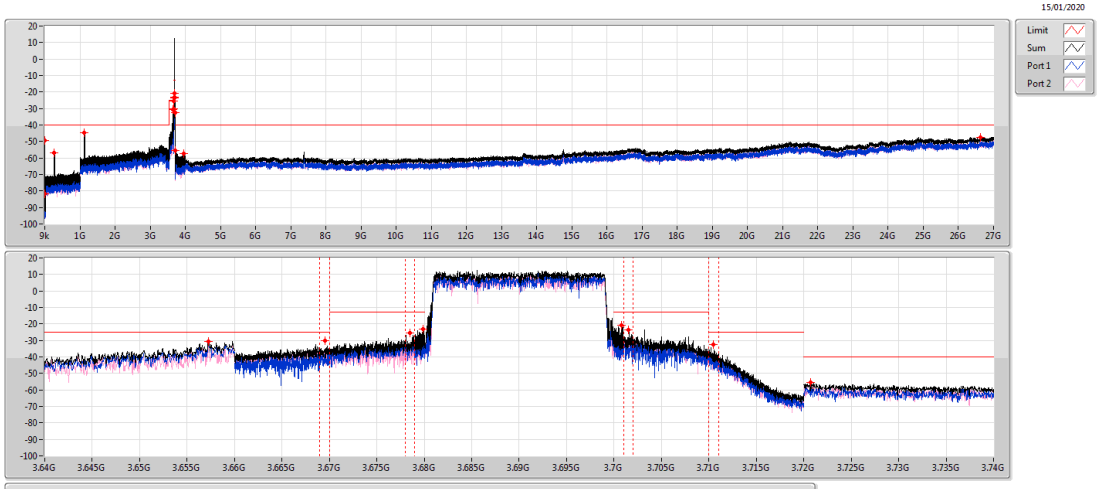
3625MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	12.032k	-82.76	-40.00	-42.76	-	-	-85.77	-85.78
150k	30M	9.1k	30k	RMS	150k	-48.89	-40.00	-8.89	-	-	-54.13	-50.44
30M	1G	100k	300k	RMS	211.39M	-61.22	-40.00	-21.22	-	-	-63.34	-65.36
1G	3.45G	1M	3M	RMS	1.06787G	-47.70	-40.00	-7.70	-	-	-51.17	-50.30
3.45G	3.595G	1M	3M	RMS	3.59423G	-31.94	-25.00	-6.94	-	-	-32.32	-42.69
3.595G	3.605G	200k	620k	RMS	3.6045G	-31.13	-25.00	-6.13	MBW 1M	-	-	-
3.605G	3.614G	200k	620k	RMS	3.6135G	-25.61	-13.00	-12.61	MBW 1M	-	-	-
3.614G	3.615G	200k	620k	RMS	3.61498G	-24.92	-13.00	-11.92	-	-	-26.78	-29.50
3.635G	3.636G	200k	620k	RMS	3.63509G	-24.68	-13.00	-11.68	-	-	-37.93	-24.89
3.636G	3.645G	200k	620k	RMS	3.6375G	-26.19	-13.00	-13.19	MBW 1M	-	-	-
3.645G	3.655G	200k	620k	RMS	3.6455G	-30.68	-25.00	-5.68	MBW 1M	-	-	-
3.655G	3.85G	1M	3M	RMS	3.65676G	-33.92	-25.00	-8.92	-	-	-38.51	-35.77
3.85G	4G	1M	3M	RMS	3.97461G	-57.36	-40.00	-17.36	-	-	-60.23	-60.52
4G	37G	1M	3M	RMS	26.9586G	-46.61	-40.00	-6.61	-	-	-49.34	-49.91

Band 48_LTE_20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

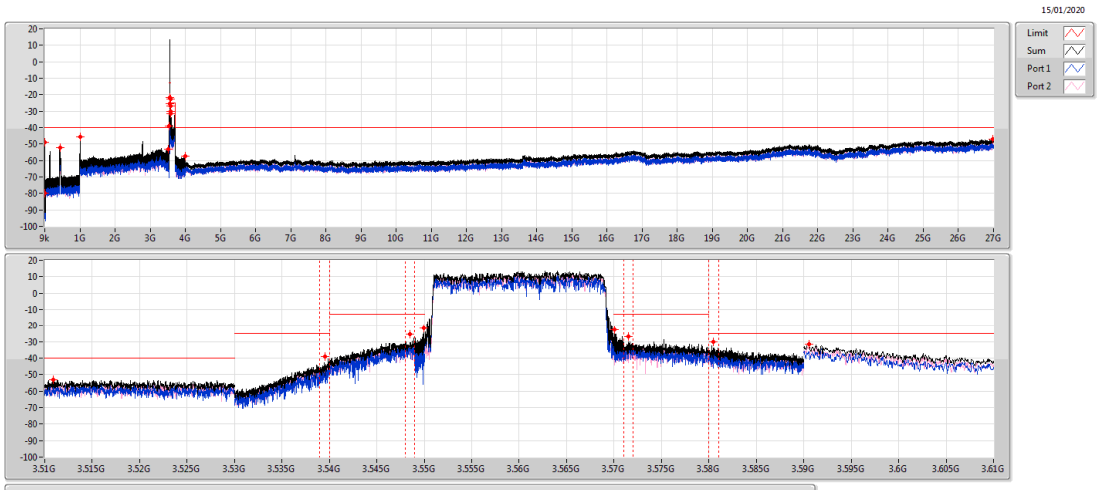
3690MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	13.864k	-81.76	-40.00	-41.76	-	-	-84.64	-84.91
150k	30M	9.1k	30k	RMS	150k	-49.48	-40.00	-9.48	-	-	-52.21	-52.80
30M	1G	100k	300k	RMS	273.42M	-56.68	-40.00	-16.68	-	-	-64.85	-57.40
1G	3.45G	1M	3M	RMS	1.13132G	-44.65	-40.00	-4.65	-	-	-53.66	-45.23
3.45G	3.66G	1M	3M	RMS	3.65721G	-30.49	-25.00	-5.49	-	-	-33.95	-33.10
3.66G	3.67G	200k	620k	RMS	3.6695G	-30.05	-25.00	-5.05	MBW 1M	-	-	-
3.67G	3.679G	200k	620k	RMS	3.6785G	-25.53	-13.00	-12.53	MBW 1M	-	-	-
3.679G	3.68G	200k	620k	RMS	3.67985G	-22.94	-13.00	-9.94	-	-	-24.64	-27.84
3.7G	3.701G	200k	620k	RMS	3.70077G	-20.78	-13.00	-7.78	-	-	-21.93	-27.12
3.701G	3.71G	200k	620k	RMS	3.7015G	-23.61	-13.00	-10.61	MBW 1M	-	-	-
3.71G	3.72G	200k	620k	RMS	3.7105G	-32.41	-25.00	-7.41	MBW 1M	-	-	-
3.72G	3.85G	1M	3M	RMS	3.72075G	-55.28	-40.00	-15.28	-	-	-59.22	-57.52
3.85G	4G	1M	3M	RMS	3.95568G	-57.54	-40.00	-17.54	-	-	-60.36	-60.75
4G	37G	1M	3M	RMS	26.6205G	-47.29	-40.00	-7.29	-	-	-51.20	-49.56

Band 48_LTE_20MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

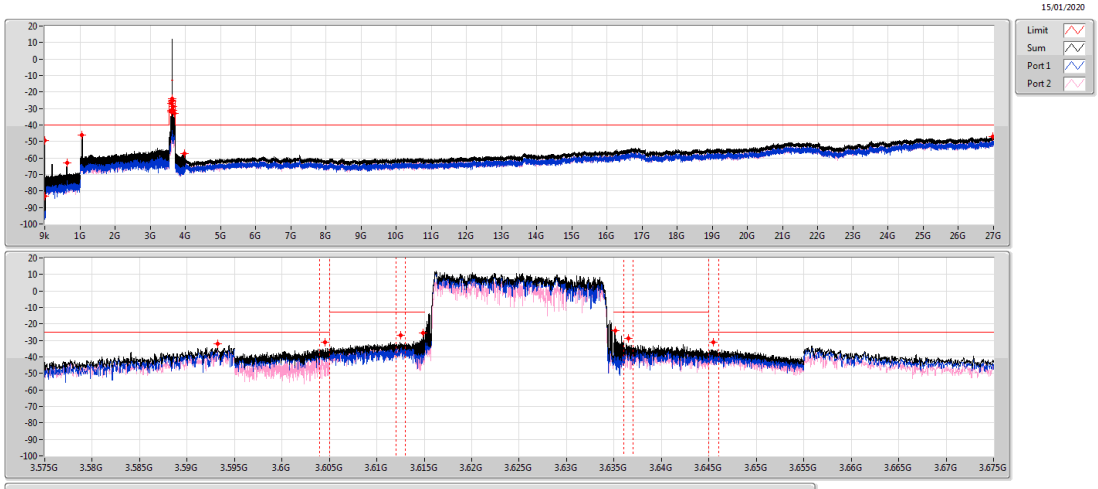
3560MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	32.265k	-79.75	-40.00	-39.75	-	-	-84.41	-81.57
150k	30M	9.1k	30k	RMS	179.85k	-48.74	-40.00	-8.74	-	-	-50.38	-53.75
30M	1G	100k	300k	RMS	432.79M	-52.26	-40.00	-12.26	-	-	-56.66	-54.22
1G	3.45G	1M	3M	RMS	1.00245G	-45.40	-40.00	-5.40	-	-	-50.10	-47.20
3.45G	3.53G	1M	3M	RMS	3.51086G	-52.94	-40.00	-12.94	-	-	-57.98	-54.57
3.53G	3.54G	200k	620k	RMS	3.5395G	-38.92	-25.00	-13.92	MBW 1M	-	-	-
3.54G	3.549G	200k	620k	RMS	3.5485G	-25.53	-13.00	-12.53	MBW 1M	-	-	-
3.549G	3.55G	200k	620k	RMS	3.54997G	-21.88	-13.00	-8.88	-	-	-36.46	-22.03
3.57G	3.571G	200k	620k	RMS	3.57006G	-22.50	-13.00	-9.50	-	-	-35.70	-22.71
3.571G	3.58G	200k	620k	RMS	3.5715G	-26.91	-13.00	-13.91	MBW 1M	-	-	-
3.58G	3.59G	200k	620k	RMS	3.5805G	-29.96	-25.00	-4.96	MBW 1M	-	-	-
3.59G	3.85G	1M	3M	RMS	3.59052G	-31.66	-25.00	-6.66	-	-	-36.42	-33.42
3.85G	4G	1M	3M	RMS	3.99441G	-57.52	-40.00	-17.52	-	-	-61.10	-60.03
4G	37G	1M	3M	RMS	26.98505G	-46.88	-40.00	-6.88	-	-	-51.34	-48.80

Band 48_LTE_20MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

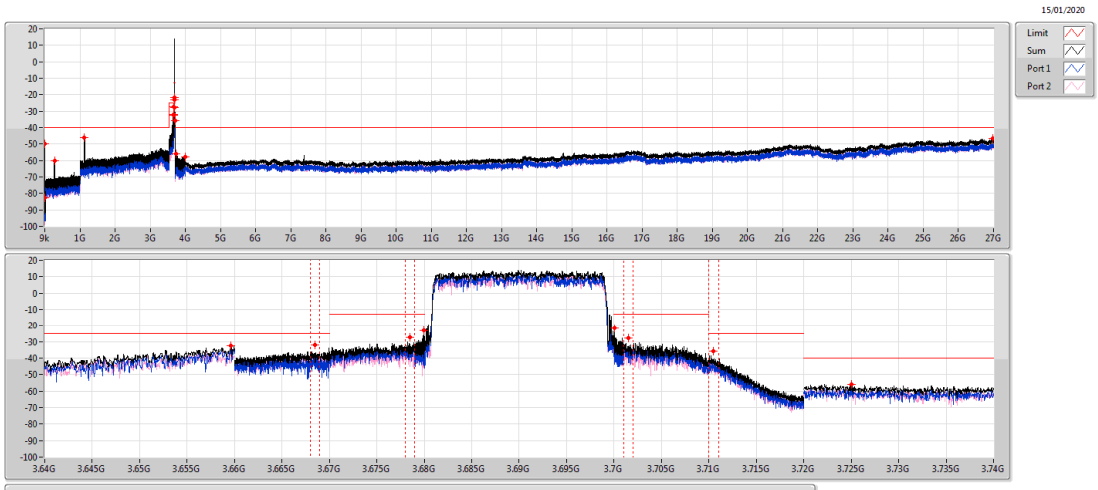
3625MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	77.314k	-83.30	-40.00	-43.30	-	-	-85.93	-86.72
150k	30M	9.1k	30k	RMS	150k	-49.41	-40.00	-9.41	-	-	-50.99	-54.58
30M	1G	100k	300k	RMS	630.53M	-63.11	-40.00	-23.11	-	-	-63.60	-72.86
1G	3.45G	1M	3M	RMS	1.06468G	-46.25	-40.00	-6.25	-	-	-47.48	-52.34
3.45G	3.595G	1M	3M	RMS	3.59322G	-31.81	-25.00	-6.81	-	-	-37.63	-33.13
3.595G	3.605G	200k	620k	RMS	3.6045G	-30.93	-25.00	-5.93	MBW 1M	-	-	-
3.605G	3.614G	200k	620k	RMS	3.6125G	-26.90	-13.00	-13.90	MBW 1M	-	-	-
3.614G	3.615G	200k	620k	RMS	3.6149G	-25.33	-13.00	-12.33	-	-	-25.62	-37.28
3.635G	3.636G	200k	620k	RMS	3.6351G	-23.99	-13.00	-10.99	-	-	-24.21	-36.99
3.636G	3.645G	200k	620k	RMS	3.6365G	-28.72	-13.00	-15.72	MBW 1M	-	-	-
3.645G	3.655G	200k	620k	RMS	3.6455G	-31.03	-25.00	-6.03	MBW 1M	-	-	-
3.655G	3.85G	1M	3M	RMS	3.68645G	-32.77	-25.00	-7.77	-	-	-34.30	-38.03
3.85G	4G	1M	3M	RMS	3.98101G	-57.15	-40.00	-17.15	-	-	-59.74	-60.63
4G	37G	1M	3M	RMS	26.9885G	-46.94	-40.00	-6.94	-	-	-49.75	-50.16

Band 48_LTE_20MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

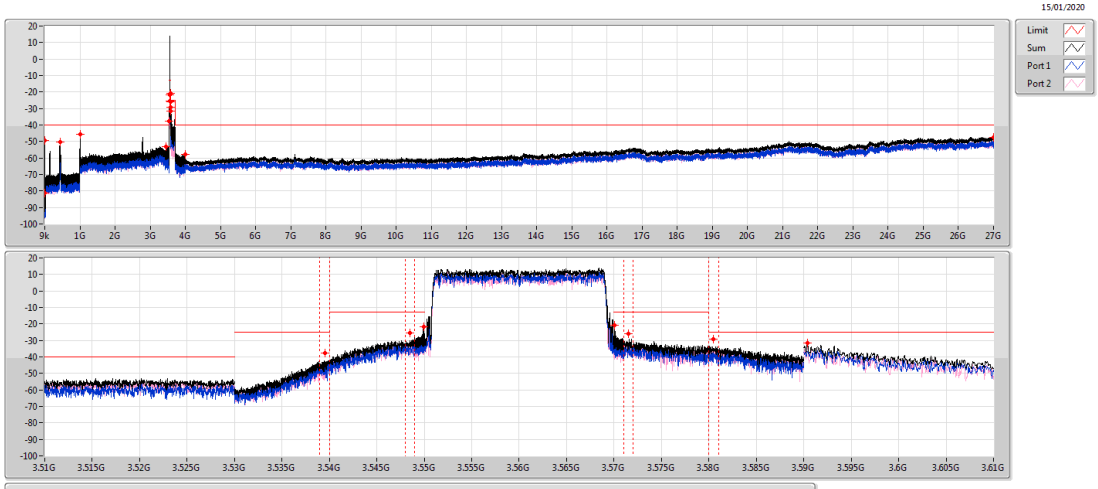
3690MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	66.246k	-82.77	-40.00	-42.77	-	-	-87.00	-84.83
150k	30M	9.1k	30k	RMS	150k	-49.98	-40.00	-9.98	-	-	-53.67	-52.40
30M	1G	100k	300k	RMS	276.82M	-60.02	-40.00	-20.02	-	-	-64.75	-61.80
1G	3.45G	1M	3M	RMS	1.12863G	-45.88	-40.00	-5.88	-	-	-49.72	-48.20
3.45G	3.66G	1M	3M	RMS	3.65964G	-32.33	-25.00	-7.33	-	-	-33.83	-37.66
3.66G	3.67G	200k	620k	RMS	3.6685G	-31.91	-25.00	-6.91	MBW 1M	-	-	-
3.67G	3.679G	200k	620k	RMS	3.6785G	-27.22	-13.00	-14.22	MBW 1M	-	-	-
3.679G	3.68G	200k	620k	RMS	3.67995G	-23.29	-13.00	-10.29	-	-	-23.42	-38.51
3.7G	3.701G	200k	620k	RMS	3.70003G	-21.85	-13.00	-8.85	-	-	-38.54	-21.94
3.701G	3.71G	200k	620k	RMS	3.7015G	-27.80	-13.00	-14.80	MBW 1M	-	-	-
3.71G	3.72G	200k	620k	RMS	3.7105G	-35.57	-25.00	-10.57	MBW 1M	-	-	-
3.72G	3.85G	1M	3M	RMS	3.72506G	-55.74	-40.00	-15.74	-	-	-59.86	-57.87
3.85G	4G	1M	3M	RMS	3.99228G	-57.78	-40.00	-17.78	-	-	-62.90	-59.38
4G	37G	1M	3M	RMS	26.98045G	-46.70	-40.00	-6.70	-	-	-50.10	-49.35

Band 48_LTE_20MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

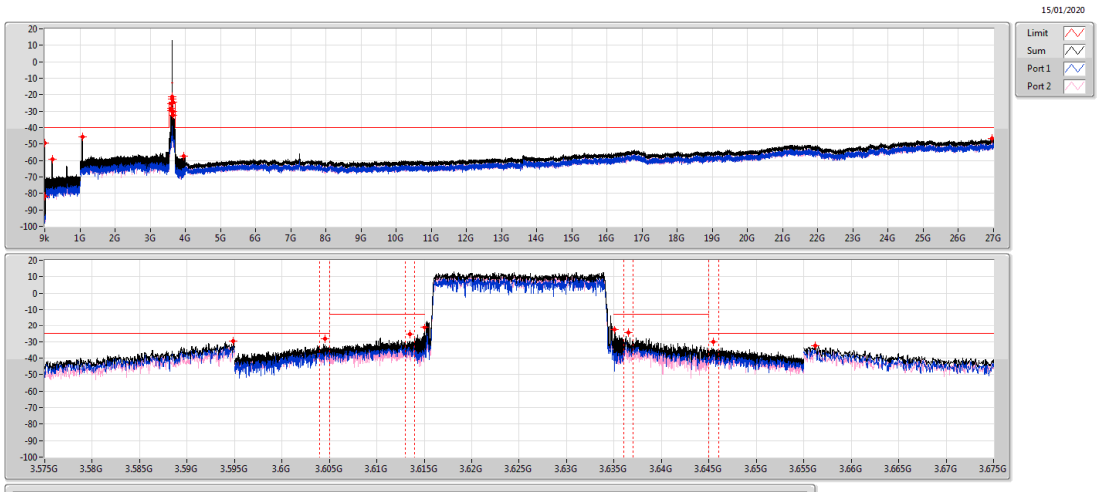
3560MHz_64QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	21.267k	-81.07	-40.00	-41.07	-	-	-85.60	-82.95
150k	30M	9.1k	30k	RMS	150k	-49.54	-40.00	-9.54	-	-	-50.98	-55.02
30M	1G	100k	300k	RMS	435.07M	-50.27	-40.00	-10.27	-	-	-55.94	-51.64
1G	3.45G	1M	3M	RMS	1.00098G	-45.68	-40.00	-5.68	-	-	-49.08	-48.34
3.45G	3.53G	1M	3M	RMS	3.45001G	-52.93	-40.00	-12.93	-	-	-58.39	-54.39
3.53G	3.54G	200k	620k	RMS	3.5395G	-37.75	-25.00	-12.75	MBW 1M	-	-	-
3.54G	3.549G	200k	620k	RMS	3.5485G	-25.27	-13.00	-12.27	MBW 1M	-	-	-
3.549G	3.55G	200k	620k	RMS	3.54995G	-21.83	-13.00	-8.83	-	-	-30.08	-22.53
3.57G	3.571G	200k	620k	RMS	3.57003G	-20.90	-13.00	-7.90	-	-	-22.06	-27.21
3.571G	3.58G	200k	620k	RMS	3.5715G	-25.89	-13.00	-12.89	MBW 1M	-	-	-
3.58G	3.59G	200k	620k	RMS	3.5805G	-29.18	-25.00	-4.18	MBW 1M	-	-	-
3.59G	3.85G	1M	3M	RMS	3.59039G	-31.58	-25.00	-6.58	-	-	-36.79	-33.13
3.85G	4G	1M	3M	RMS	3.99931G	-57.59	-40.00	-17.59	-	-	-60.61	-60.59
4G	37G	1M	3M	RMS	26.99655G	-47.34	-40.00	-7.34	-	-	-50.30	-50.40

Band 48_LTE_20MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

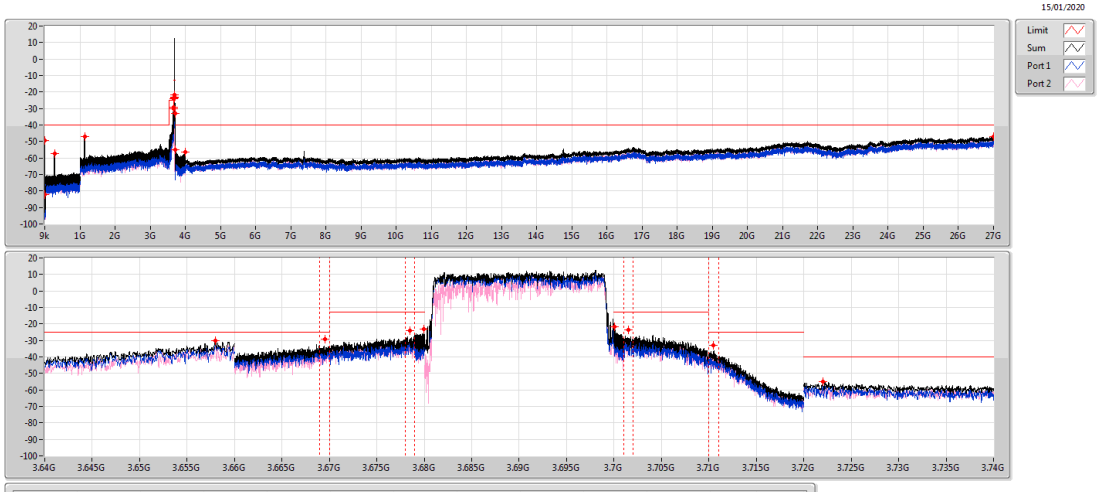
3625MHz_64QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	9.212k	-81.88	-40.00	-41.88	-	-	-85.63	-84.25
150k	30M	9.1k	30k	RMS	150k	-49.59	-40.00	-9.59	-	-	-54.56	-51.26
30M	1G	100k	300k	RMS	209.89M	-59.25	-40.00	-19.25	-	-	-61.21	-63.64
1G	3.45G	1M	3M	RMS	1.06713G	-45.70	-40.00	-5.70	-	-	-48.10	-49.43
3.45G	3.595G	1M	3M	RMS	3.59487G	-29.71	-25.00	-4.71	-	-	-31.34	-34.77
3.595G	3.605G	200k	620k	RMS	3.6045G	-28.35	-25.00	-3.35	MBW 1M	-	-	-
3.605G	3.614G	200k	620k	RMS	3.6135G	-25.40	-13.00	-12.40	MBW 1M	-	-	-
3.614G	3.615G	200k	620k	RMS	3.615G	-21.18	-13.00	-8.18	-	-	-21.29	-37.16
3.635G	3.636G	200k	620k	RMS	3.63503G	-22.65	-13.00	-9.65	-	-	-39.52	-22.74
3.636G	3.645G	200k	620k	RMS	3.6365G	-24.60	-13.00	-11.60	MBW 1M	-	-	-
3.645G	3.655G	200k	620k	RMS	3.6455G	-29.99	-25.00	-4.99	MBW 1M	-	-	-
3.655G	3.85G	1M	3M	RMS	3.65619G	-32.35	-25.00	-7.35	-	-	-34.46	-36.50
3.85G	4G	1M	3M	RMS	3.95572G	-57.57	-40.00	-17.57	-	-	-60.67	-60.50
4G	37G	1M	3M	RMS	26.96435G	-46.76	-40.00	-6.76	-	-	-50.91	-48.87

Band 48_LTE_20MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

3690MHz_64QAM_RB 100,#RB 0

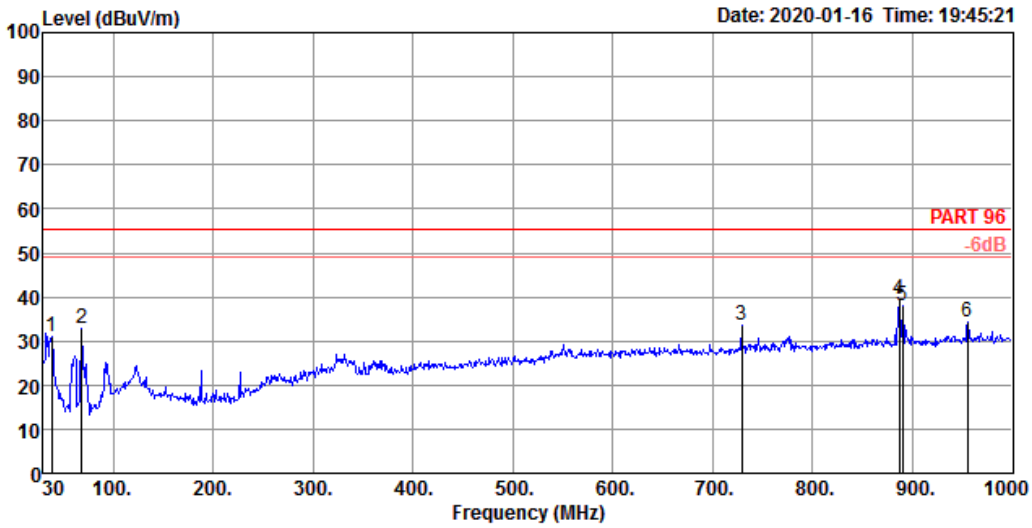


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
9k	150k	200	10k	RMS	9.212k	-81.99	-40.00	-41.99	-	-	-84.82	-85.18
150k	30M	9.1k	30k	RMS	155.97k	-49.20	-40.00	-9.20	-	-	-51.12	-53.67
30M	1G	100k	300k	RMS	274.93M	-57.54	-40.00	-17.54	-	-	-59.56	-61.84
1G	3.45G	1M	3M	RMS	1.13279G	-46.91	-40.00	-6.91	-	-	-49.34	-50.59
3.45G	3.66G	1M	3M	RMS	3.65798G	-30.13	-25.00	-5.13	-	-	-32.79	-33.53
3.66G	3.67G	200k	620k	RMS	3.6695G	-29.23	-25.00	-4.23	MBW 1M	-	-	-
3.67G	3.679G	200k	620k	RMS	3.6785G	-23.98	-13.00	-10.98	MBW 1M	-	-	-
3.679G	3.68G	200k	620k	RMS	3.67997G	-22.97	-13.00	-9.97	-	-	-38.47	-23.09
3.7G	3.701G	200k	620k	RMS	3.70004G	-21.87	-13.00	-8.87	-	-	-22.37	-31.50
3.701G	3.71G	200k	620k	RMS	3.7015G	-23.75	-13.00	-10.75	MBW 1M	-	-	-
3.71G	3.72G	200k	620k	RMS	3.7105G	-33.02	-25.00	-8.02	MBW 1M	-	-	-
3.72G	3.85G	1M	3M	RMS	3.72202G	-55.00	-40.00	-15.00	-	-	-57.32	-58.82
3.85G	4G	1M	3M	RMS	3.99888G	-56.48	-40.00	-16.48	-	-	-59.68	-59.30
4G	37G	1M	3M	RMS	26.9977G	-46.90	-40.00	-6.90	-	-	-49.31	-50.60

Field Strength of Spurious Radiation (30MHz ~ 1GHz)

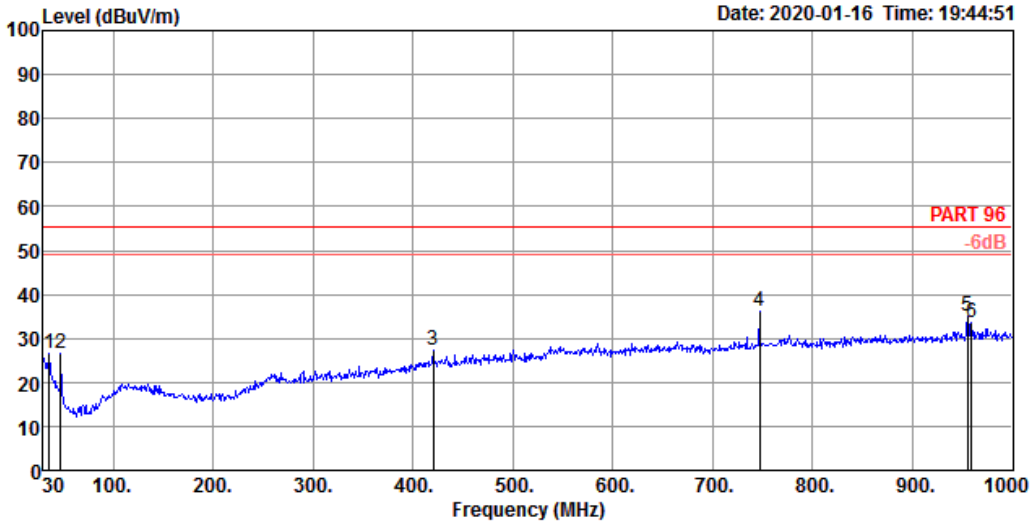
Configurations	20MHz / QPSK / 3690 MHz

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	38.73	31.12	55.20	-24.08	39.40	0.60	19.69	28.57	100	13	Peak	HORIZONTAL
2	68.80	32.88	55.20	-22.32	48.57	0.60	12.23	28.52	300	53	Peak	HORIZONTAL
3	729.37	33.70	55.20	-21.50	34.49	2.96	25.68	29.43	200	0	Peak	HORIZONTAL
4	886.51	39.39	55.20	-15.81	38.41	3.52	26.56	29.10	300	58	Peak	HORIZONTAL
5	890.39	37.91	55.20	-17.29	36.91	3.54	26.55	29.09	200	333	Peak	HORIZONTAL
6	955.38	34.33	55.20	-20.87	32.66	3.59	26.99	28.91	100	45	Peak	HORIZONTAL

Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	35.82	26.65	55.20	-28.55	33.45	0.60	21.17	28.57	100	79	Peak	VERTICAL
2	47.46	26.39	55.20	-28.81	39.24	0.55	15.16	28.56	100	334	Peak	VERTICAL
3	419.94	27.25	55.20	-27.95	31.72	2.04	22.40	28.91	200	99	Peak	VERTICAL
4	746.83	36.08	55.20	-19.12	36.60	2.99	25.90	29.41	200	13	Peak	VERTICAL
5	955.38	35.22	55.20	-19.98	33.55	3.59	26.99	28.91	100	14	Peak	VERTICAL
6	959.26	33.60	55.20	-21.60	31.86	3.58	27.06	28.90	300	302	Peak	VERTICAL

Field Strength of Spurious Radiation (Above 1GHz) - Harmonic

For Cabinet:

Configurations	20MHz / QPSK / 3690 MHz

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7385.26	50.83	55.20	-4.37	41.38	7.80	36.70	35.05	143	159	Peak	HORIZONTAL
2	14769.26	53.37	55.20	-1.83	36.05	10.48	40.92	34.08	174	110	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7372.21	46.18	55.20	-9.02	36.80	7.78	36.65	35.05	189	142	Peak	VERTICAL
2	14754.17	54.90	55.20	-0.30	37.53	10.48	40.93	34.04	170	52	Peak	VERTICAL

Summary

Mode	Result	Ch (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port
Band 48	-	-	-	-	-	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	3.555G	3.550533G	3.559439G	-3.89	3.55G,3.7G	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	3.555G	3.550534G	3.559463G	-0.413	3.55G,3.7G	1
LTE_10MHz_Nss1,64QAM_1TX	Pass	3.555G	3.550538G	3.559461G	-0.028	3.55G,3.7G	1
LTE_20MHz_Nss1,QPSK_1TX	Pass	3.56G	3.551048G	3.568969G	2.412	3.55G,3.7G	1
LTE_20MHz_Nss1,16QAM_1TX	Pass	3.56G	3.551029G	3.568955G	-2.329	3.55G,3.7G	1
LTE_20MHz_Nss1,64QAM_1TX	Pass	3.56G	3.551046G	3.568953G	-0.158	3.55G,3.7G	1

Result

Mode	Result	Ch (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh.ppm)	Port
Band 48_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-
3555MHz_-30°C	Pass	3.555G	3.550543G	3.559437G	-2.805	3.55G,3.7G	1
3555MHz_-20°C	Pass	3.555G	3.550562G	3.559457G	2.737	3.55G,3.7G	1
3555MHz_-10°C	Pass	3.555G	3.550546G	3.559436G	-2.529	3.55G,3.7G	1
3555MHz_0°C	Pass	3.555G	3.550539G	3.559442G	-2.62	3.55G,3.7G	1
3555MHz_10°C	Pass	3.555G	3.550535G	3.559464G	-0.184	3.55G,3.7G	1
3555MHz_20°C	Pass	3.555G	3.55056G	3.559451G	1.515	3.55G,3.7G	1
3555MHz_30°C	Pass	3.555G	3.550539G	3.559462G	0.185	3.55G,3.7G	1
3555MHz_40°C	Pass	3.555G	3.550558G	3.559443G	0.171	3.55G,3.7G	1
3555MHz_50°C	Pass	3.555G	3.550533G	3.559439G	-3.89	3.55G,3.7G	1
3555MHz_126.5V	Pass	3.555G	3.550545G	3.559441G	-2.088	3.55G,3.7G	1
3555MHz_110V	Pass	3.555G	3.550558G	3.559443G	0.138	3.55G,3.7G	1
3555MHz_93.5V	Pass	3.555G	3.550567G	3.559453G	2.738	3.55G,3.7G	1
3695MHz_-30°C	Pass	3.695G	3.690562G	3.699447G	1.133	3.55G,3.7G	1
3695MHz_-20°C	Pass	3.695G	3.690525G	3.699456G	-2.653	3.55G,3.7G	1
3695MHz_-10°C	Pass	3.695G	3.690549G	3.699432G	-2.549	3.55G,3.7G	1
3695MHz_0°C	Pass	3.695G	3.690552G	3.699453G	0.723	3.55G,3.7G	1
3695MHz_10°C	Pass	3.695G	3.690539G	3.699446G	-2.039	3.55G,3.7G	1
3695MHz_20°C	Pass	3.695G	3.690529G	3.699459G	-1.65	3.55G,3.7G	1
3695MHz_30°C	Pass	3.695G	3.690531G	3.699458G	-1.516	3.55G,3.7G	1
3695MHz_40°C	Pass	3.695G	3.690554G	3.699438G	-1.022	3.55G,3.7G	1
3695MHz_50°C	Pass	3.695G	3.690563G	3.699417G	-2.694	3.55G,3.7G	1
3695MHz_126.5V	Pass	3.695G	3.69053G	3.699433G	-4.969	3.55G,3.7G	1
3695MHz_110V	Pass	3.695G	3.690558G	3.699452G	1.313	3.55G,3.7G	1
3695MHz_93.5V	Pass	3.695G	3.690548G	3.699433G	-2.505	3.55G,3.7G	1
Band 48_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-
3555MHz_-30°C	Pass	3.555G	3.550555G	3.559448G	0.423	3.55G,3.7G	1
3555MHz_-20°C	Pass	3.555G	3.550538G	3.55946G	-0.295	3.55G,3.7G	1
3555MHz_-10°C	Pass	3.555G	3.550534G	3.559463G	-0.413	3.55G,3.7G	1
3555MHz_0°C	Pass	3.555G	3.550558G	3.559446G	0.541	3.55G,3.7G	1
3555MHz_10°C	Pass	3.555G	3.550547G	3.559448G	-0.639	3.55G,3.7G	1
3555MHz_20°C	Pass	3.555G	3.55055G	3.559445G	-0.757	3.55G,3.7G	1
3555MHz_30°C	Pass	3.555G	3.550553G	3.559455G	1.18	3.55G,3.7G	1
3555MHz_40°C	Pass	3.555G	3.550544G	3.559456G	-0.059	3.55G,3.7G	1
3555MHz_50°C	Pass	3.555G	3.550546G	3.559433G	-3.024	3.55G,3.7G	1
3555MHz_126.5V	Pass	3.555G	3.550553G	3.559444G	-0.326	3.55G,3.7G	1
3555MHz_110V	Pass	3.555G	3.550557G	3.559441G	-0.24	3.55G,3.7G	1
3555MHz_93.5V	Pass	3.555G	3.550561G	3.559446G	0.953	3.55G,3.7G	1

Mode	Result	Ch (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh.ppm)	Port
3695MHz_-30°C	Pass	3.695G	3.690524G	3.699461G	-2.022	3.55G,3.7G	1
3695MHz_-20°C	Pass	3.695G	3.690526G	3.69946G	-1.812	3.55G,3.7G	1
3695MHz_-10°C	Pass	3.695G	3.690548G	3.699441G	-1.497	3.55G,3.7G	1
3695MHz_0°C	Pass	3.695G	3.690565G	3.699449G	1.905	3.55G,3.7G	1
3695MHz_10°C	Pass	3.695G	3.69055G	3.699441G	-1.23	3.55G,3.7G	1
3695MHz_20°C	Pass	3.695G	3.690554G	3.699448G	0.196	3.55G,3.7G	1
3695MHz_30°C	Pass	3.695G	3.690525G	3.699461G	-1.875	3.55G,3.7G	1
3695MHz_40°C	Pass	3.695G	3.690528G	3.699461G	-1.502	3.55G,3.7G	1
3695MHz_50°C	Pass	3.695G	3.690529G	3.699433G	-5.067	3.55G,3.7G	1
3695MHz_126.5V	Pass	3.695G	3.690532G	3.699453G	-2.106	3.55G,3.7G	1
3695MHz_110V	Pass	3.695G	3.690537G	3.699431G	-4.402	3.55G,3.7G	1
3695MHz_93.5V	Pass	3.695G	3.69054G	3.699452G	-1.041	3.55G,3.7G	1
Band 48_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-
3555MHz_-30°C	Pass	3.555G	3.55054G	3.55945G	-1.455	3.55G,3.7G	1
3555MHz_-20°C	Pass	3.555G	3.55054G	3.559455G	-0.758	3.55G,3.7G	1
3555MHz_-10°C	Pass	3.555G	3.550538G	3.559461G	-0.028	3.55G,3.7G	1
3555MHz_0°C	Pass	3.555G	3.550547G	3.55946G	1.003	3.55G,3.7G	1
3555MHz_10°C	Pass	3.555G	3.550541G	3.559446G	-1.77	3.55G,3.7G	1
3555MHz_20°C	Pass	3.555G	3.550546G	3.559435G	-2.686	3.55G,3.7G	1
3555MHz_30°C	Pass	3.555G	3.550547G	3.55944G	-1.851	3.55G,3.7G	1
3555MHz_40°C	Pass	3.555G	3.550557G	3.559443G	0.014	3.55G,3.7G	1
3555MHz_50°C	Pass	3.555G	3.550539G	3.559434G	-3.775	3.55G,3.7G	1
3555MHz_126.5V	Pass	3.555G	3.550554G	3.559448G	0.202	3.55G,3.7G	1
3555MHz_110V	Pass	3.555G	3.550567G	3.559459G	3.682	3.55G,3.7G	1
3555MHz_93.5V	Pass	3.555G	3.550555G	3.559443G	-0.289	3.55G,3.7G	1
3695MHz_-30°C	Pass	3.695G	3.690531G	3.699455G	-1.894	3.55G,3.7G	1
3695MHz_-20°C	Pass	3.695G	3.690547G	3.699432G	-2.793	3.55G,3.7G	1
3695MHz_-10°C	Pass	3.695G	3.69055G	3.699445G	-0.749	3.55G,3.7G	1
3695MHz_0°C	Pass	3.695G	3.69055G	3.699439G	-1.458	3.55G,3.7G	1
3695MHz_10°C	Pass	3.695G	3.690525G	3.69946G	-2.089	3.55G,3.7G	1
3695MHz_20°C	Pass	3.695G	3.690546G	3.699454G	0.085	3.55G,3.7G	1
3695MHz_30°C	Pass	3.695G	3.690527G	3.699457G	-2.225	3.55G,3.7G	1
3695MHz_40°C	Pass	3.695G	3.690543G	3.699445G	-1.664	3.55G,3.7G	1
3695MHz_50°C	Pass	3.695G	3.690541G	3.699421G	-5.105	3.55G,3.7G	1
3695MHz_126.5V	Pass	3.695G	3.690555G	3.699454G	1.249	3.55G,3.7G	1
3695MHz_110V	Pass	3.695G	3.690553G	3.699437G	-1.444	3.55G,3.7G	1
3695MHz_93.5V	Pass	3.695G	3.690556G	3.699441G	-0.413	3.55G,3.7G	1
Band 48_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-

Mode	Result	Ch (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh.ppm)	Port
3560MHz_-30°C	Pass	3.56G	3.55105G	3.568951G	0.234	3.55G,3.7G	1
3560MHz_-20°C	Pass	3.56G	3.551085G	3.56893G	2.034	3.55G,3.7G	1
3560MHz_-10°C	Pass	3.56G	3.551074G	3.568932G	0.853	3.55G,3.7G	1
3560MHz_0°C	Pass	3.56G	3.551048G	3.568969G	2.412	3.55G,3.7G	1
3560MHz_10°C	Pass	3.56G	3.551052G	3.56896G	1.77	3.55G,3.7G	1
3560MHz_20°C	Pass	3.56G	3.551058G	3.568965G	3.144	3.55G,3.7G	1
3560MHz_30°C	Pass	3.56G	3.551082G	3.568937G	2.584	3.55G,3.7G	1
3560MHz_40°C	Pass	3.56G	3.551049G	3.568947G	-0.574	3.55G,3.7G	1
3560MHz_50°C	Pass	3.56G	3.551094G	3.568901G	-0.702	3.55G,3.7G	1
3560MHz_126.5V	Pass	3.56G	3.551071G	3.568942G	1.896	3.55G,3.7G	1
3560MHz_110V	Pass	3.56G	3.551063G	3.568952G	2.006	3.55G,3.7G	1
3560MHz_93.5V	Pass	3.56G	3.551056G	3.568959G	2.035	3.55G,3.7G	1
3690MHz_-30°C	Pass	3.69G	3.681053G	3.698935G	-1.575	3.55G,3.7G	1
3690MHz_-20°C	Pass	3.69G	3.681059G	3.698923G	-2.542	3.55G,3.7G	1
3690MHz_-10°C	Pass	3.69G	3.681071G	3.698916G	-1.76	3.55G,3.7G	1
3690MHz_0°C	Pass	3.69G	3.681041G	3.698952G	-0.946	3.55G,3.7G	1
3690MHz_10°C	Pass	3.69G	3.681056G	3.698941G	-0.484	3.55G,3.7G	1
3690MHz_20°C	Pass	3.69G	3.681061G	3.698921G	-2.347	3.55G,3.7G	1
3690MHz_30°C	Pass	3.69G	3.681047G	3.698932G	-2.853	3.55G,3.7G	1
3690MHz_40°C	Pass	3.69G	3.68105G	3.698932G	-2.436	3.55G,3.7G	1
3690MHz_50°C	Pass	3.69G	3.681066G	3.698929G	-0.662	3.55G,3.7G	1
3690MHz_126.5V	Pass	3.69G	3.681074G	3.698901G	-3.49	3.55G,3.7G	1
3690MHz_110V	Pass	3.69G	3.681062G	3.698901G	-5.12	3.55G,3.7G	1
3690MHz_93.5V	Pass	3.69G	3.681033G	3.698944G	-3.062	3.55G,3.7G	1
Band 48_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-
3560MHz_-30°C	Pass	3.56G	3.551045G	3.568972G	2.393	3.55G,3.7G	1
3560MHz_-20°C	Pass	3.56G	3.551035G	3.568966G	0.186	3.55G,3.7G	1
3560MHz_-10°C	Pass	3.56G	3.551039G	3.568951G	-1.41	3.55G,3.7G	1
3560MHz_0°C	Pass	3.56G	3.55106G	3.568955G	2.128	3.55G,3.7G	1
3560MHz_10°C	Pass	3.56G	3.551062G	3.568953G	2.007	3.55G,3.7G	1
3560MHz_20°C	Pass	3.56G	3.55107G	3.568935G	0.647	3.55G,3.7G	1
3560MHz_30°C	Pass	3.56G	3.551029G	3.568955G	-2.329	3.55G,3.7G	1
3560MHz_40°C	Pass	3.56G	3.551071G	3.568935G	0.839	3.55G,3.7G	1
3560MHz_50°C	Pass	3.56G	3.551081G	3.568911G	-1.176	3.55G,3.7G	1
3560MHz_126.5V	Pass	3.56G	3.551087G	3.568919G	0.892	3.55G,3.7G	1
3560MHz_110V	Pass	3.56G	3.551036G	3.568968G	0.549	3.55G,3.7G	1
3560MHz_93.5V	Pass	3.56G	3.551064G	3.56894G	0.545	3.55G,3.7G	1
3690MHz_-30°C	Pass	3.69G	3.681048G	3.698941G	-1.451	3.55G,3.7G	1

Mode	Result	Ch (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh.ppm)	Port
3690MHz_-20°C	Pass	3.69G	3.681078G	3.698923G	0.131	3.55G,3.7G	1
3690MHz_-10°C	Pass	3.69G	3.681053G	3.698946G	-0.096	3.55G,3.7G	1
3690MHz_0°C	Pass	3.69G	3.681079G	3.6989G	-2.784	3.55G,3.7G	1
3690MHz_10°C	Pass	3.69G	3.681079G	3.698925G	0.609	3.55G,3.7G	1
3690MHz_20°C	Pass	3.69G	3.681056G	3.698949G	0.691	3.55G,3.7G	1
3690MHz_30°C	Pass	3.69G	3.681103G	3.698913G	2.211	3.55G,3.7G	1
3690MHz_40°C	Pass	3.69G	3.681049G	3.698958G	0.916	3.55G,3.7G	1
3690MHz_50°C	Pass	3.69G	3.681074G	3.698905G	-2.903	3.55G,3.7G	1
3690MHz_126.5V	Pass	3.69G	3.681045G	3.698956G	0.132	3.55G,3.7G	1
3690MHz_110V	Pass	3.69G	3.681044G	3.698938G	-2.517	3.55G,3.7G	1
3690MHz_93.5V	Pass	3.69G	3.681061G	3.698906G	-4.481	3.55G,3.7G	1
Band 48_LTE_20MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-
3560MHz_-30°C	Pass	3.56G	3.551048G	3.568957G	0.726	3.55G,3.7G	1
3560MHz_-20°C	Pass	3.56G	3.551079G	3.568935G	2.057	3.55G,3.7G	1
3560MHz_-10°C	Pass	3.56G	3.551058G	3.568964G	3.167	3.55G,3.7G	1
3560MHz_0°C	Pass	3.56G	3.551087G	3.568932G	2.699	3.55G,3.7G	1
3560MHz_10°C	Pass	3.56G	3.551056G	3.568953G	1.243	3.55G,3.7G	1
3560MHz_20°C	Pass	3.56G	3.55106G	3.568952G	1.619	3.55G,3.7G	1
3560MHz_30°C	Pass	3.56G	3.551086G	3.568911G	-0.411	3.55G,3.7G	1
3560MHz_40°C	Pass	3.56G	3.551076G	3.568927G	0.447	3.55G,3.7G	1
3560MHz_50°C	Pass	3.56G	3.55109G	3.568907G	-0.416	3.55G,3.7G	1
3560MHz_126.5V	Pass	3.56G	3.551049G	3.568959G	1.213	3.55G,3.7G	1
3560MHz_110V	Pass	3.56G	3.551053G	3.568962G	2.062	3.55G,3.7G	1
3560MHz_93.5V	Pass	3.56G	3.551046G	3.568953G	-0.158	3.55G,3.7G	1
3690MHz_-30°C	Pass	3.69G	3.681041G	3.698944G	-2.128	3.55G,3.7G	1
3690MHz_-20°C	Pass	3.69G	3.681103G	3.69891G	1.872	3.55G,3.7G	1
3690MHz_-10°C	Pass	3.69G	3.681093G	3.698903G	-0.518	3.55G,3.7G	1
3690MHz_0°C	Pass	3.69G	3.681092G	3.6989G	-1.019	3.55G,3.7G	1
3690MHz_10°C	Pass	3.69G	3.681046G	3.698948G	-0.775	3.55G,3.7G	1
3690MHz_20°C	Pass	3.69G	3.681072G	3.698906G	-3.042	3.55G,3.7G	1
3690MHz_30°C	Pass	3.69G	3.681097G	3.698904G	0.176	3.55G,3.7G	1
3690MHz_40°C	Pass	3.69G	3.681049G	3.698949G	-0.327	3.55G,3.7G	1
3690MHz_50°C	Pass	3.69G	3.681095G	3.69889G	-2.023	3.55G,3.7G	1
3690MHz_126.5V	Pass	3.69G	3.681062G	3.698926G	-1.515	3.55G,3.7G	1
3690MHz_110V	Pass	3.69G	3.681052G	3.698941G	-0.936	3.55G,3.7G	1
3690MHz_93.5V	Pass	3.69G	3.68105G	3.698939G	-1.474	3.55G,3.7G	1