FCC Test Report

FCC ID	:	**2A7G3XS5G0304**
Equipment	:	**5G DATA CARD**
Model No.	:	**XS5G03-GBO (refer to item 1.1.1 for more details)**
Brand Name	:	**XSquare**
Applicant	:	**XSquare Communications Corporation**
Address	:	**NO.6 INNOVATION ROAD Ⅱ, SCIENCE PARK, HSINCHU 30076, TAIWAN, R.O.C**
Standard	:	**47 CFR FCC Part 96**
Type	:	**End User Device**
Received Date	:	**Jun. 13, 2022**
Tested Date	:	**Jun. 28 ~ Aug. 15, 2022**

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

Reviewed by:	**Approved by:**
Along Chen / Assistant Manager	**Gary Chang / Manager**

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Release Record

Report No.	Version	Description	Issued Date
FG261301P96	Rev. 01	Initial issue	Sep. 23, 2022

Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 96.41(b)	Equivalent Isotropically Radiated Power	Power: 22.52	Pass
96.41(g)	Peak to Average Ratio	Meet the requirement of limit	Pass
2.1053 / 96.41(e)	Radiated Spurious Emission	Meet the requirement of limit	Pass
2.1051 / 96.41(e)	Conducted Spurious Emission	Meet the requirement of limit	Pass
2.1051 / 96.41(e)	Band Edge	Meet the requirement of limit	Pass
2.1049	Emission Bandwidth	Meet the requirement of limit	Pass
2.1055 / 96.41(e)	Frequency Stability	Meet the requirement of limit	Pass
96.47	End user device additional requirements	Meet the requirement of limit	Pass

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

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
XSquare	XS5G03-GBO	5G DATA CARD	(SA+NSA)+GPS
	XS5G04-GBO		(SA Only)+GPS XS5G03-GBO base band IC disable NSA by SW
✦ The above models, model **XS5G03-GBO** was selected as a representative one for the final test and only its data was recorded in this report.			

1.1.2 Specification of the Equipment under Test (EUT)

Operating Band	**Band 48** Channel Bandwidth: 5MHz: 3552.5 MHz ~ 3697.5 MHz Channel Bandwidth: 10MHz: 3555.0 MHz ~ 3695.0 MHz Channel Bandwidth: 15MHz: 3557.5 MHz ~ 3692.5 MHz Channel Bandwidth: 20MHz: 3560.0 MHz ~ 3690.0 MHz
Modulation Type	QPSK, 16QAM, 64QAM (Uplink)
CA mode	48A_13A

1.1.3 Antenna Details

Brand	Model	Type	Connector	Gain (dBi)
Anjie	AELQ2S-B066L	Dipole	UFL	-0.4

1.1.4 EUT Operational Condition

Supply Voltage	3.3Vdc from host		
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (70°C)	☒ Tmin (-30°C)

1.1.5 Accessories

N/A

1.1.6 Maximum Conducted Power and Emission Designator

Channel Bandwidth (MHz)	Modulation	Maximum Conducted Power (W)	Emission Designator
5	QPSK	0.187	4M48G7D
5	16QAM	0.152	4M46W7D
5	64QAM	0.118	4M47W7D
10	QPSK	0.190	8M93G7D
10	16QAM	0.155	8M93W7D
10	64QAM	0.120	8M93W7D
15	QPSK	0.184	13M4G7D
15	16QAM	0.158	13M4W7D
15	64QAM	0.123	13M4W7D
20	QPSK	0.196	17M8G7D
20	16QAM	0.167	17M8W7D
20	64QAM	0.120	17M8W7D

1.1.7 Operating Channel List

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	55265	3552.5
5	55990	3625.0
5	56715	3697.5
10	55290	3555.0
10	55990	3625.0
10	56690	3695.0
15	55315	3557.5
15	55990	3625.0
15	56665	3692.5
20	55340	3560.0
20	55990	3625.0
20	56640	3690.0

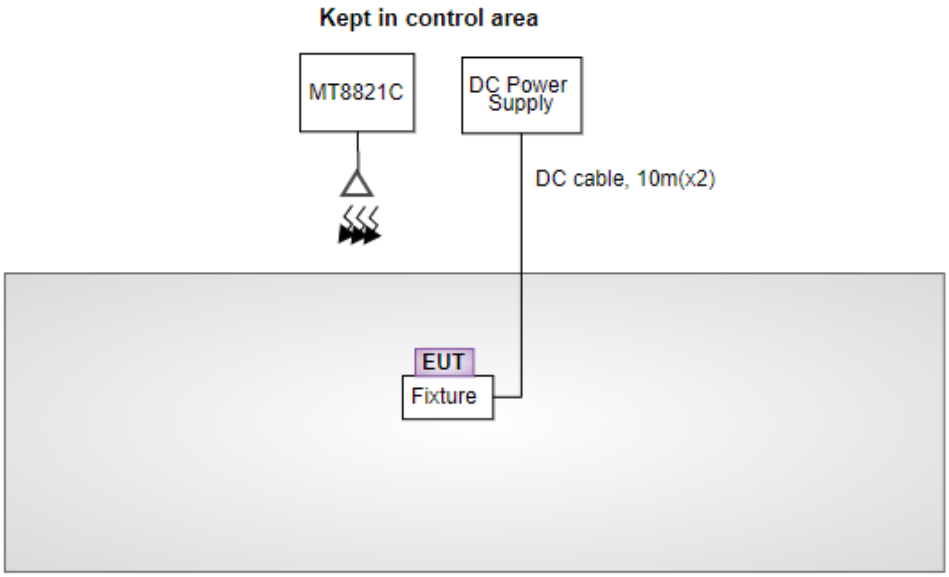
1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	DC Power Supply	GWINSTEK	GPC-60300	---	---
2	Notebook	DELL	Latitude 5400	DoC	---
3	Fixture	---	---	---	Provided by applicant.

Note: The support notebook was disconnected from EUT and was removed from test table after sending command from notebook to control EUT to transmit continuously.

1.3 Test Setup Chart

Test Setup Diagram



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Aug. 08 ~ Aug. 15, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 15, 2022	Mar. 14, 2023
Spectrum Analyzer	R&S	FSV40	101498	Nov. 29, 2021	Nov. 28, 2022
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 08, 2021	Nov. 07, 2022
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jun. 28, 2022	Jun. 27, 2023
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 03, 2021	Dec. 02, 2022
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2021	Nov. 03, 2022
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2022	Jun. 27, 2023
Preamplifier	EMC	EMC118A45SE	980898	Jul. 16, 2022	Jul. 15, 2023
Preamplifier	EMC	EMC184045B	980192	Jul. 08, 2022	Jul. 07, 2023
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 05, 2021	Oct. 04, 2022
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 05, 2021	Oct. 04, 2022
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 05, 2021	Oct. 04, 2022
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 05, 2021	Oct. 04, 2022
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 05, 2021	Oct. 04, 2022
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 05, 2021	Oct. 04, 2022
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Radio Communication Analyzer	Anritsu	MT8821C	6262149999	Sep. 16, 2021	Sep. 15, 2022
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Jun. 28 ~ Aug. 12, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2022	Apr. 17, 2023
Spectrum Analyzer	keysight	N9020A	MY53420894	Oct. 19, 2021	Oct. 18, 2022
Power Meter	Anritsu	ML2495A	1241002	Nov. 07, 2021	Nov. 06, 2022
Power Sensor	Anritsu	MA2411B	1207366	Nov. 07, 2021	Nov. 06, 2022
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Nov. 08, 2021	Nov. 07, 2022
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 22, 2022	Jun. 21, 2023
Measurement Software	Sporton	SENSE-FCC_2G-4G	V5.10.5	NA	NA
Radio Communication Analyzer	Anritsu	MT8821C	6262149999	Sep. 16, 2021	Sep. 15, 2022
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 96
ANSI C63.26-2015
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

1.6 Reference Guidance

ANSI C63.4-2014
FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

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

2 Test Configuration

2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	24-25°C / 61-64%	Brad Wu
RF Conducted	TH01-WS	24-26°C / 63-65%	Aska Huang

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

2.2 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

2.3 The Worst Test Modes and Channel Details

Test items	Band	Bandwidth(MHz)						Modulation			RB#			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Max. Output Power	48	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
peak-to-Average Ratio	48	-	-				v	v	v	v			v		v	
26dB and 99% Bandwidth	48	-	-	v	v	v	v	v	v	v			v		v	
Conducted Band edge	48	-	-	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	48	-	-	v	v	v	v	v			v			v	v	v
Frequency Stabilit	48	-	-				v	v					v		v	
E.I.R.P	48	-	-	v	v	v	v	v	v	v	Max. power					
Radiated Spurious Emission	48	Worst Case												v	v	v
Remark	1. "v": this configuration is for testing. 2. "-" :This bandwidth is not supported. 3. Frequency range of radiated measurement is from 30 MHz to 10th harmonic of fundamental frequency. 4. All spurious emissions below 1000 MHz are more than 20 dB below the limit. 5. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.															

3 Test Results

3.1 Equivalent Isotropically Radiated Power

3.1.1 Limit of Equivalent Isotropically Radiated Power

Device	Maximum EIRP (dBm/10MHz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a

3.1.2 Test Procedures

For E.I.R.P measurement

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

1. EIRP = P_T + G_T - L_C

   P_T = transmitter output power, in dBm.

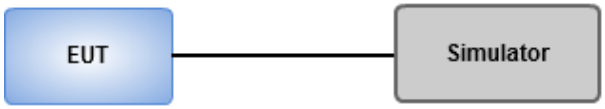
   G_T = gain of the transmitting antenna, in dBi (EIRP).

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

For Conducted power measurement

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

3.1.3 Test Setup



3.1.4 Test Result

Refer to Appendix A

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

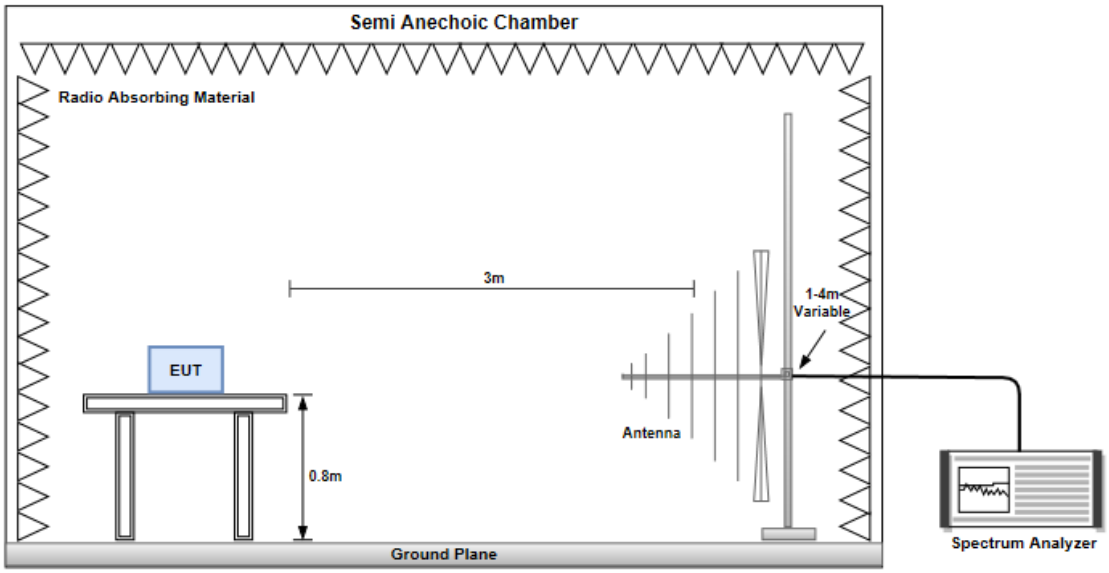
The conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed −13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed −25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

3.2.2 Test Procedures

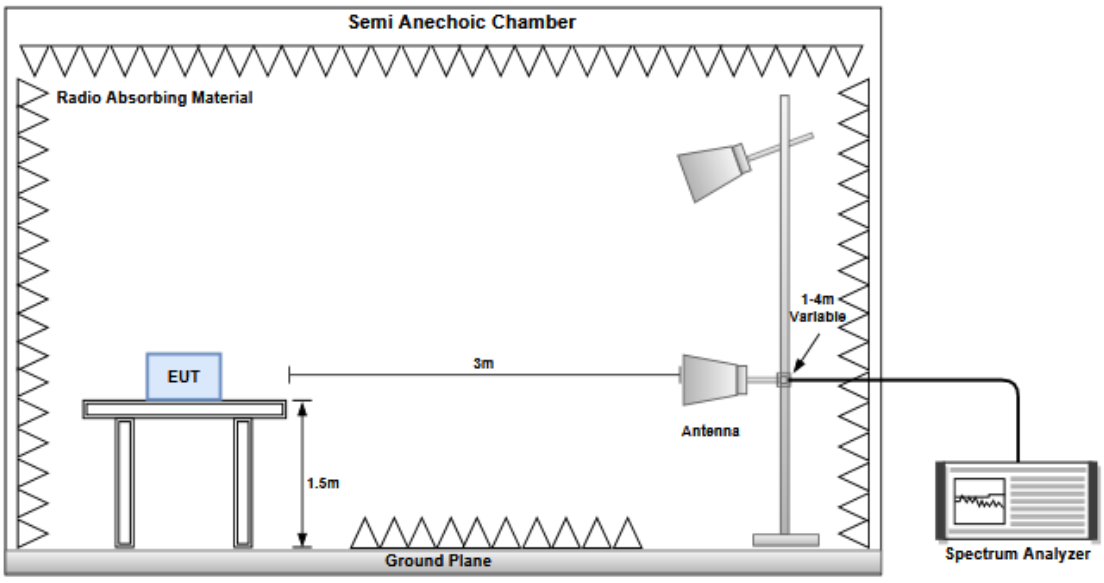
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.2.4 Test Result

Refer to Appendix B

3.3 Conducted Emissions & Band Edge

3.3.1 Limit of Conducted Emissions & Band Edge

The conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed −13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed −25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

Emissions below 3540 MHz or above 3710 MHz shall not exceed −25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz

3.3.2 Test Procedures

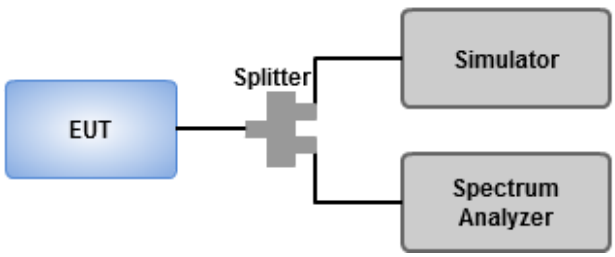
Emission below 3530 MHz / Emission above 3720 MHz

1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30 MHz ~ 37 GHz.
3. Set RBW = 1MHz, VBW = 3MHz, detector = RMS, sweep time = auto.
4. Record the max trace value and capture the test plot of each sub frequency band.

3530 MHz ~ (F_c - BW/2) / (F_c + BW/2) ~ 3720 MHz

1. Lowest /middel / highest operating channels are tested for this item.
2. The center frequency of spectrum analyzer will be set to Lowest /middel / highest operating channels.
3. Set RBW = 100 kHz, VBW = 300 kHz, detector = RMS, sweep time = auto.
4. Using channel power function to measure test result and record the max trace value and capture the test plot.

3.3.3 Test Setup



3.3.4 Test Result

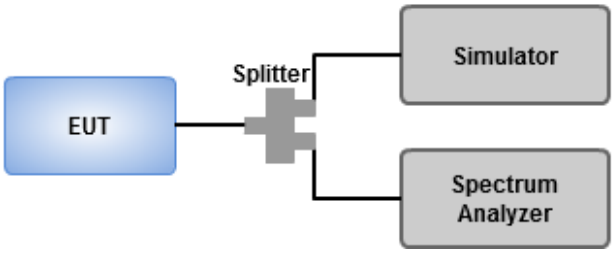
Refer to Appendix C

3.4 Emission Bandwidth

3.4.1 Test Procedures

1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz for CB: 10MHz.
   Set resolution bandwidth (RBW) = 200 kHz, Video bandwidth = 1 MHz for CB: 20MHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 26dB relative to the maximum level measured in the fundamental emission.
5. Measure the occupied bandwidth.

3.4.2 Test Setup



3.4.3 Test Result

Refer to Appendix D

3.5 Peak to Average Ratio

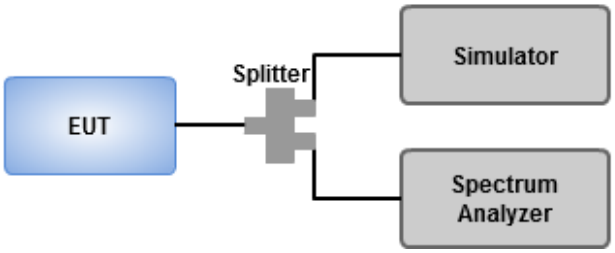
3.5.1 Limit of Peak to Average Ratio

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

3.5.2 Test Procedures

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

3.5.3 Test Setup



3.5.4 Test Result

Refer to Appendix E

3.6 Frequency Stability

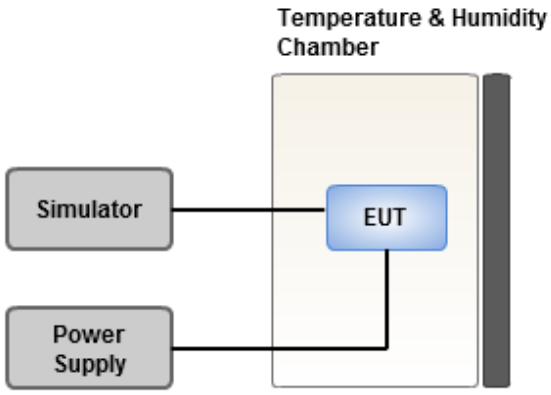
3.6.1 Limit of Frequency Stability

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

3.6.2 Test Procedures

1. EUT was placed at temperature chamber and connected to an external power supply.
2. Temperature and voltage condition shall be tested to confirm frequency stability.
3. Temperature range is from -30 ~ 70 °C and voltage range is from lowest to highest working voltage.
4. Tem Link up EUT and simulator. Confirm frequency drift value of simulator and record it.

3.6.3 Test Setup



3.6.4 Test Result

Refer to Appendix F

3.7 End user device additional requirements

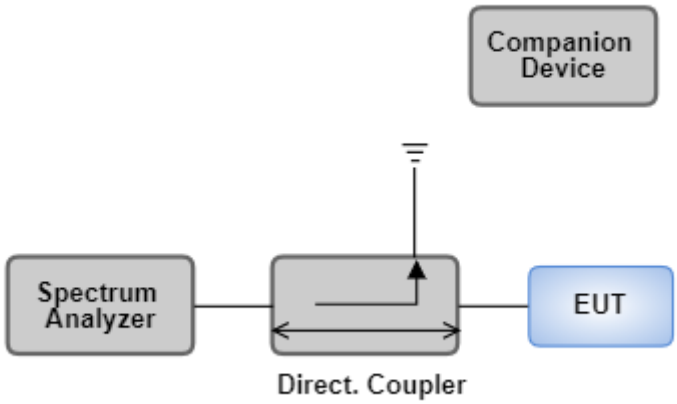
3.7.1 Description of End user device additional requirements

(a) End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation
(1) An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

3.7.2 Test Procedures

1. Set companion device(certified CBSD, FCC ID: S9GQ710US02) with 3600 ~ 3620 MHz and Power level 20 dBm/MHz
2. Enable AP service and check EUD TX frequency and power
3 Disable AP service and check EUD stop transmission within 10s
4. Set companion device(certified CBSD, FCC ID: S9GQ710US02) with 3670 ~ 3690 MHz and Power level 10 dBm/MHz
5. Enable AP service and check EUD TX frequency and power
6. Disable AP service and check EUD stop transmission within 10s

3.7.3 Test Setup



Note: Companion device is a certified CBSD, FCC ID: S9GQ710US02

3.7.4 Test Result

Refer to Appendix G

4 Test laboratory information

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

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

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

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

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

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

==END==

Summary

Part96 LTE Band 48 MaxiMum Average Power [dBm](GT-LC= -0.4 dB)								
BW (MHz)	**Modulation**	**RB Size**	**RB Offset**	**Lowest**	**Middle**	**Highest**		
Channel				**55340**	**55990**	**56640**	**EIRP**	**EIRP**
Frequency				**3560**	**3625**	**3690**	**(dBm)**	**(W)**
20	QPSK	1	0	22.92	22.79	22.41	22.52	0.1786
20	QPSK	1	99	22.63	22.75	22.32		
20	QPSK	100	0	21.82	21.71	21.4		
20	16QAM	1	0	21.74	22.24	21.42	21.84	0.1528
20	64QAM	1	0	20.65	20.78	20.76	20.38	0.1091
Channel				**55315**	**55990**	**56665**	**EIRP**	**EIRP**
Frequency				**3557.5**	**3625**	**3692.5**	**(dBm)**	**(W)**
15	QPSK	1	0	22.65	22.63	22.42	22.25	0.1679
15	QPSK	1	74	22.59	22.59	22.34		
15	QPSK	75	0	21.45	21.58	21.38		
15	16QAM	1	0	22	21.94	21.68	21.6	0.1445
15	64QAM	1	0	20.43	20.91	20.74	20.51	0.1125
Channel				**55290**	**55990**	**56690**	**EIRP**	**EIRP**
Frequency				**3555**	**3625**	**3695**	**(dBm)**	**(W)**
10	QPSK	1	0	22.49	22.5	22.73	22.38	0.1730
10	QPSK	1	49	22.78	22.41	22.45		
10	QPSK	50	0	21.55	21.6	21.54		
10	16QAM	1	0	21.57	21.89	21.33	21.49	0.1409
10	64QAM	1	0	20.79	20.61	20.78	20.39	0.1094
Channel				**55265**	**55990**	**56715**	**EIRP**	**EIRP**
Frequency				**3552.5**	**3625**	**3697.5**	**(dBm)**	**(W)**
5	QPSK	1	0	22.4	22.38	22.73	22.33	0.1710
5	QPSK	1	24	22.21	22.3	22.52		
5	QPSK	25	0	21.53	21.69	21.57		
5	16QAM	1	0	21.67	21.82	21.34	21.42	0.1387
5	64QAM	1	0	20.62	20.71	20.59	20.31	0.1074
Limit	**EIRP < 23 dBm/10MHz**			**Result**			**Pass**	

Remark: Total channel power is complied with EIRP limit 23dBm/10MHz.

Mode	LTE Band 48, QPSK, CB:20 MHz, 1 RB, Channel: 55340						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
7102.4	H	-52.03	-40	-12.03	-66.24	-55.21	3.18
10653.6	H	-55.45	-40	-15.45	-70.28	-55.95	0.5
14204.8	H	-53.25	-40	-13.25	-66.89	-52.65	-0.6
7102.4	V	-48.19	-40	-8.19	-63.53	-51.37	3.18
10653.6	V	-55.83	-40	-15.83	-70.31	-56.33	0.5
14204.8	V	-52.87	-40	-12.87	-67.03	-52.27	-0.6

Mode	LTE Band 48, QPSK, CB:20 MHz, 1 RB, Channel: 55990						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
7232.4	H	-53.56	-40	-13.56	-68.05	-56.36	2.8
10848.6	H	-54.9	-40	-14.9	-69.8	-55.23	0.33
14464.8	H	-54.02	-40	-14.02	-66.83	-53.23	-0.79
7232.4	V	-49.39	-40	-9.39	-65.01	-52.19	2.8
10848.6	V	-55.2	-40	-15.2	-69.74	-55.53	0.33
14464.8	V	-52.55	-40	-12.55	-66.78	-51.76	-0.79

Mode	LTE Band 48, QPSK, CB:20 MHz, 1 RB, Channel: 56640						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
7362.4	H	-47.91	-40	-7.91	-62.96	-50.74	2.83
11043.6	H	-54.95	-40	-14.95	-69.91	-55.19	0.24
14724.8	H	-53.8	-40	-13.8	-66.97	-53.51	-0.29
7362.4	V	-41.12	-40	-1.12	-56.81	-43.95	2.83
11043.6	V	-55.23	-40	-15.23	-69.91	-55.47	0.24
14724.8	V	-51.36	-40	-11.36	-66.95	-51.07	-0.29

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

Mode	LTE UL CA Band 48,QPSK, CB:20MHz,1 RB,Channel:55340 + Band 13,QPSK,CB:5MHz,1 RB,Channel:23205						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
2331.9	H	-66.91	-40	-26.91	-73.89	-71.94	5.03
4339.5	H	-59.02	-40	-19.02	-69.42	-65.12	6.1
7102.4	H	-52.35	-40	-12.35	-66.56	-55.53	3.18
2331.9	V	-66.7	-40	-26.7	-73.59	-71.73	5.03
4339.5	V	-59.28	-40	-19.28	-69.45	-65.38	6.1
7102.4	V	-48.15	-40	-8.15	-63.49	-51.33	3.18

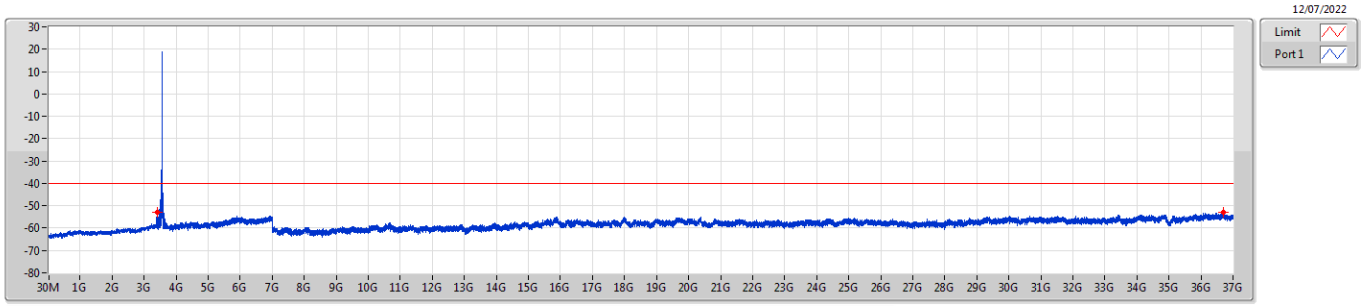
NOTE: EIRP = S.G power value + correction factor

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 48	-	-	-	-	-	-	-	-	-	-	-	-
LTE_20MHz_Nss1,QPSK _1TX	Pass	3.8G	37G	1M	3M	RMS	7.36174G	-52.63	-40.00	-12.63	-	-
LTE_15MHz_Nss1,QPSK _1TX	Pass	3.8G	37G	1M	3M	RMS	7.2362G	-51.13	-40.00	-11.13	-	-
LTE_10MHz_Nss1,QPSK _1TX	Pass	3.8G	37G	1M	3M	RMS	7.10133G	-49.16	-40.00	-9.16	-	-
LTE_5MHz_Nss1,QPSK _1TX	Pass	3.8G	37G	1M	3M	RMS	7.24554G	-49.47	-40.00	-9.47	-	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

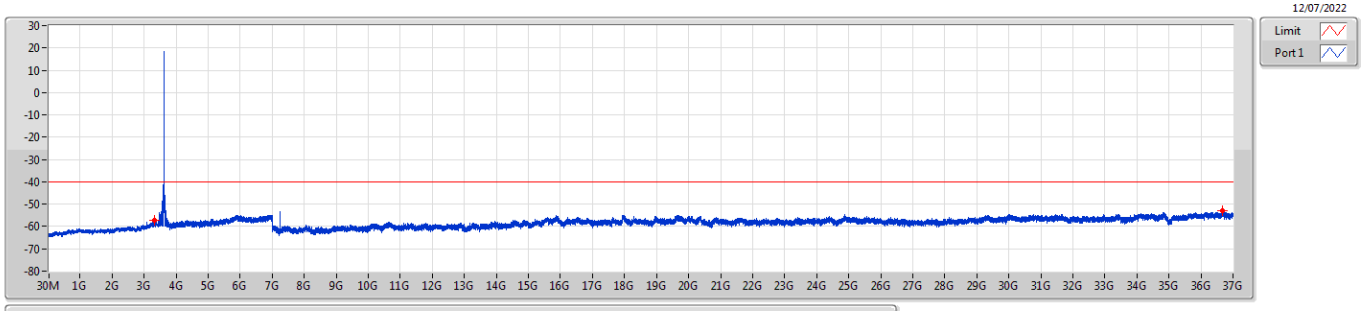
3560MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.4158G	-52.95	-40.00	-12.95	-	-
3.8G	37G	1M	3M	RMS	36.6929G	-53.09	-40.00	-13.09	-	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

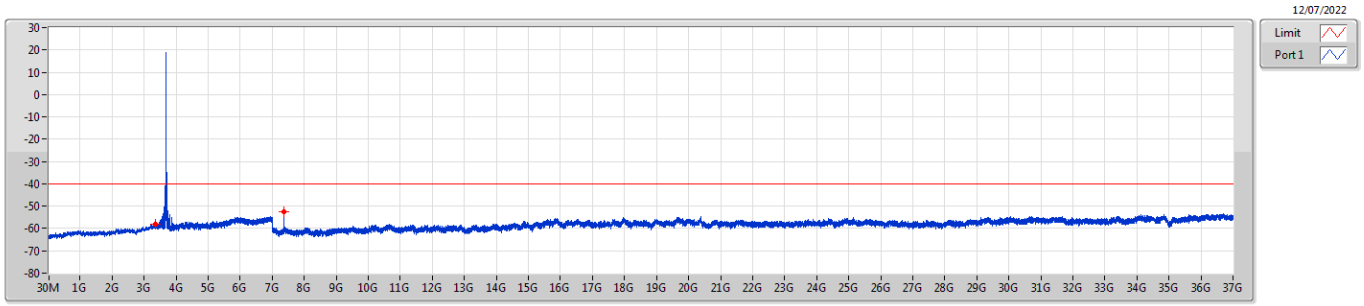
3625MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.32688G	-57.32	-40.00	-17.32	-	-
3.8G	37G	1M	3M	RMS	36.67941G	-52.98	-40.00	-12.98	-	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

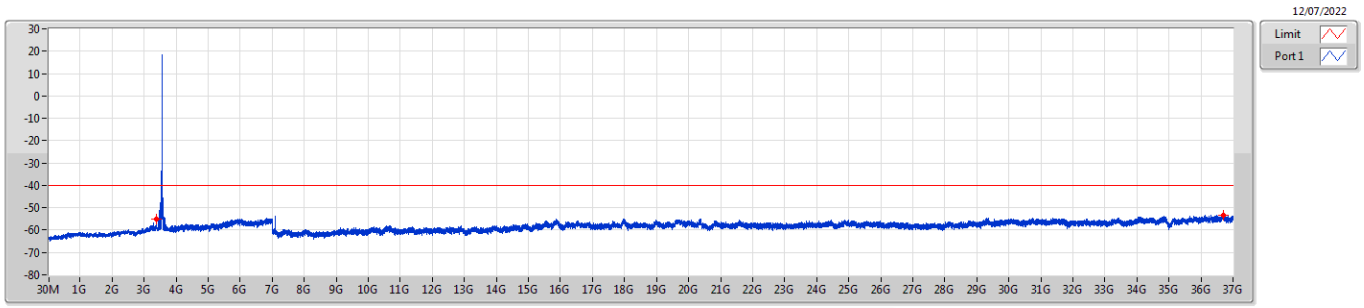
3690MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.3645G	-58.20	-40.00	-18.20	-	-
3.8G	37G	1M	3M	RMS	7.36174G	-52.63	-40.00	-12.63	-	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

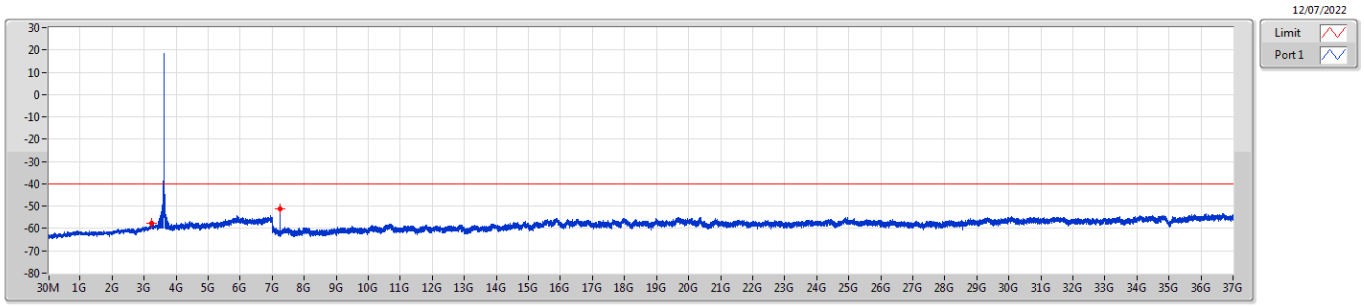
3557.5MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.37134G	-55.13	-40.00	-15.13	-	-
3.8G	37G	1M	3M	RMS	36.71054G	-53.31	-40.00	-13.31	-	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

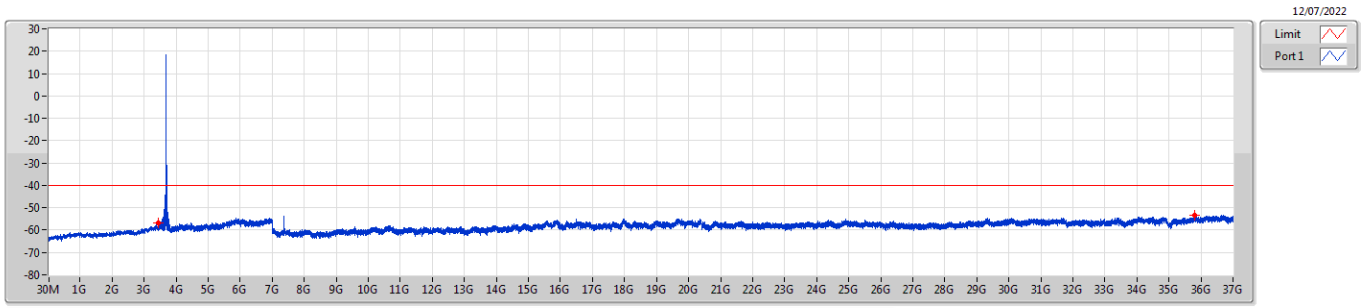
3625MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.23454G	-57.63	-40.00	-17.63	-	-
3.8G	37G	1M	3M	RMS	7.2362G	-51.13	-40.00	-11.13	-	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

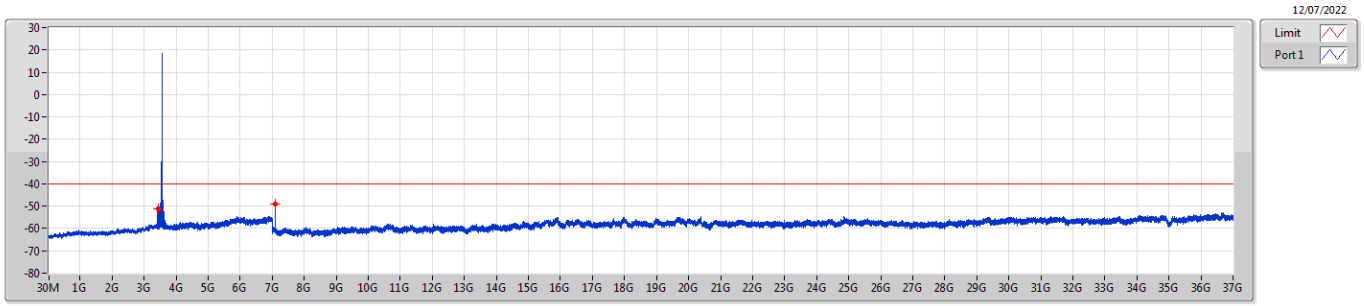
3692.5MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.43632G	-56.69	-40.00	-16.69	-	-
3.8G	37G	1M	3M	RMS	35.81414G	-53.32	-40.00	-13.32	-	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

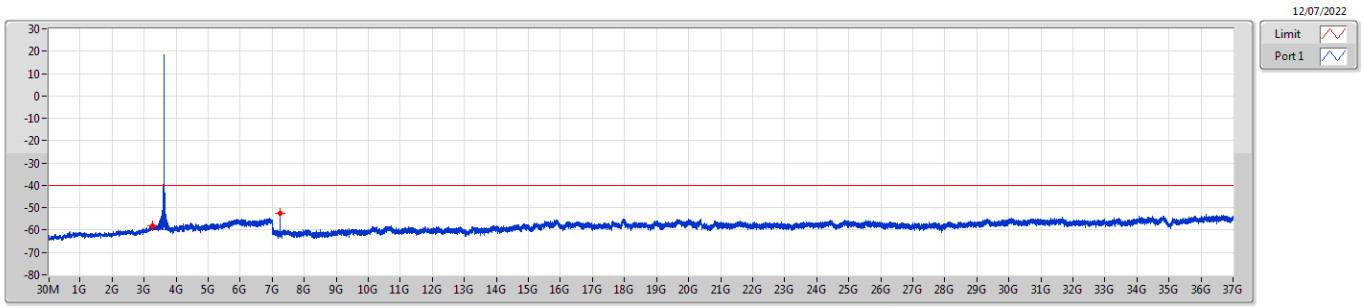
3555MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.44487G	-51.21	-40.00	-11.21	-	-
3.8G	37G	1M	3M	RMS	7.10133G	-49.16	-40.00	-9.16	-	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

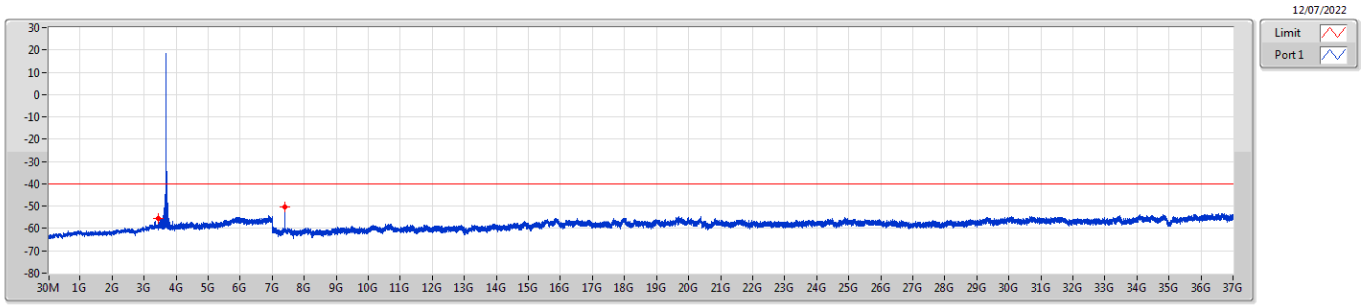
3625MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.25335G	-57.91	-40.00	-17.91	-	-
3.8G	37G	1M	3M	RMS	7.24035G	-52.57	-40.00	-12.57	-	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

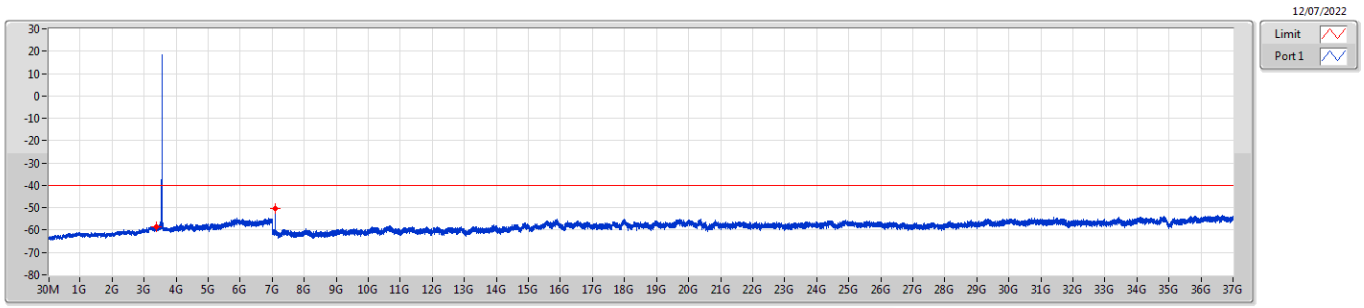
3695MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.43119G	-55.58	-40.00	-15.58	-	-
3.8G	37G	1M	3M	RMS	7.38145G	-50.19	-40.00	-10.19	-	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

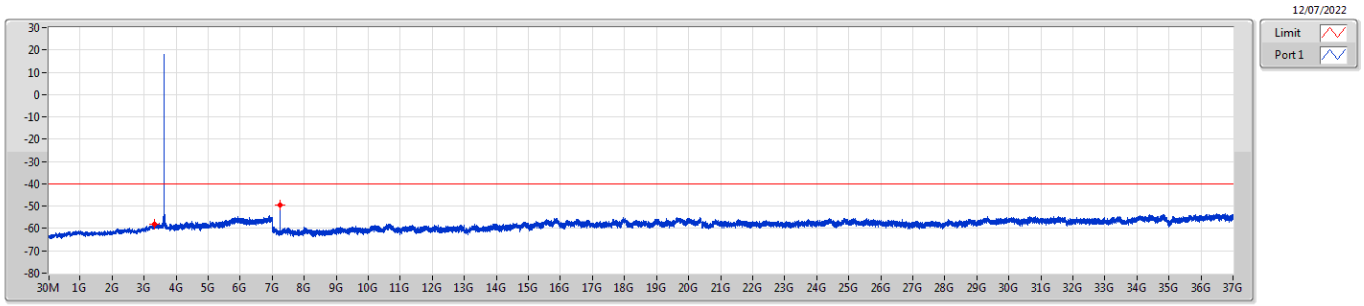
3552.5MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.39015G	-58.36	-40.00	-18.36	-	-
3.8G	37G	1M	3M	RMS	7.10029G	-50.25	-40.00	-10.25	-	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

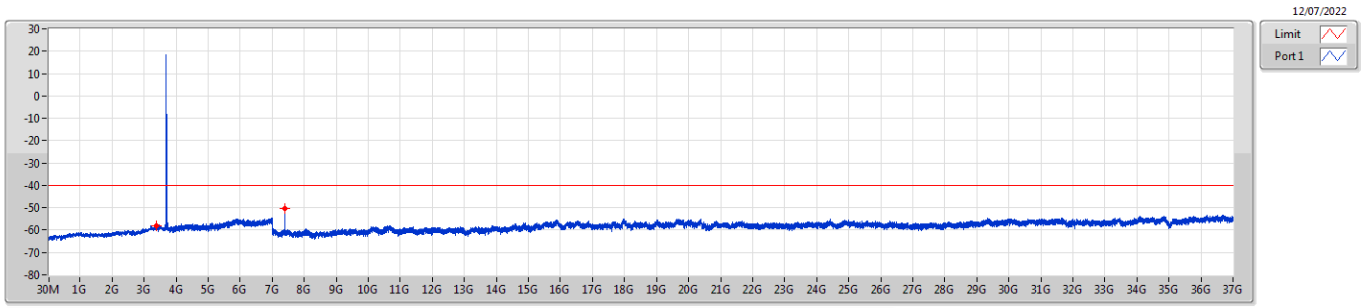
3625MHz_QPSK_RB 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.33714G	-58.16	-40.00	-18.16	-	-
3.8G	37G	1M	3M	RMS	7.24554G	-49.47	-40.00	-9.47	-	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

3697.5MHz_QPSK_RB 1



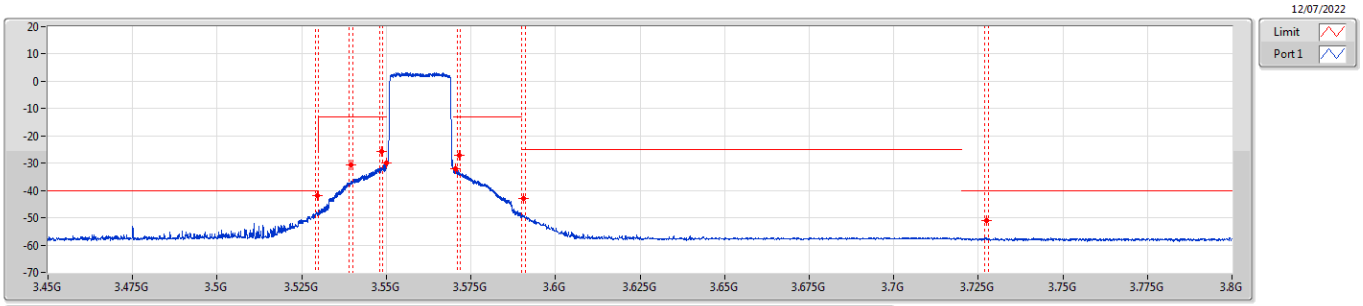
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	3.45G	1M	3M	RMS	3.39015G	-57.92	-40.00	-17.92	-	-
3.8G	37G	1M	3M	RMS	7.39079G	-50.15	-40.00	-10.15	-	-

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_20MHz_Nss1,QPSK_1TX	Pass	3.45G	3.53G	200k	1M	RMS	3.5295G	-41.73	-40.00	-1.73	MBW 1M	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	3.45G	3.53G	200k	1M	RMS	3.5295G	-43.75	-40.00	-3.75	MBW 1M	-
LTE_20MHz_Nss1,64QAM_1TX	Pass	3.45G	3.53G	200k	1M	RMS	3.5295G	-46.61	-40.00	-6.61	MBW 1M	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	3.72G	3.8G	200k	1M	RMS	3.7205G	-44.97	-40.00	-4.97	MBW 1M	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	3.45G	3.53G	200k	1M	RMS	3.5295G	-45.96	-40.00	-5.96	MBW 1M	-
LTE_15MHz_Nss1,64QAM_1TX	Pass	3.72G	3.8G	200k	1M	RMS	3.7205G	-47.03	-40.00	-7.03	MBW 1M	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	3.7G	3.701G	100k	300k	RMS	3.70002G	-19.23	-13.00	-6.23	-	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	3.7G	3.701G	100k	300k	RMS	3.70002G	-19.43	-13.00	-6.43	-	-
LTE_10MHz_Nss1,64QAM_1TX	Pass	3.72G	3.8G	100k	300k	RMS	3.7205G	-47.44	-40.00	-7.44	MBW 1M	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	3.7G	3.701G	50k	200k	RMS	3.70001G	-18.00	-13.00	-5.00	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	3.7G	3.701G	50k	200k	RMS	3.7G	-18.27	-13.00	-5.27	-	-
LTE_5MHz_Nss1,64QAM_1TX	Pass	3.7G	3.701G	50k	200k	RMS	3.7G	-19.47	-13.00	-6.47	-	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

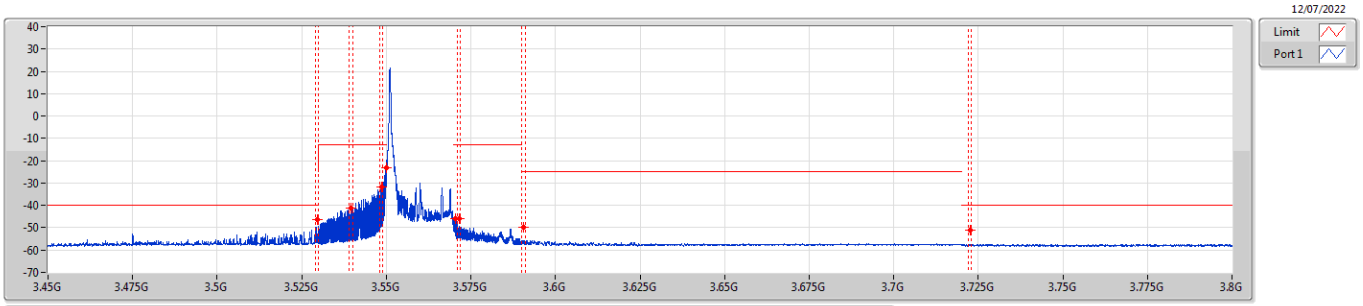
3560MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-41.73	-40.00	-1.73	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-30.75	-13.00	-17.75	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-25.66	-13.00	-12.66	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54996G	-29.90	-13.00	-16.90	-	-
3.57G	3.571G	200k	1M	RMS	3.57042G	-31.96	-13.00	-18.96	-	-
3.571G	3.59G	200k	1M	RMS	3.5715G	-27.01	-13.00	-14.01	MBW 1M	-
3.59G	3.72G	200k	1M	RMS	3.5905G	-42.81	-25.00	-17.81	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7275G	-51.03	-40.00	-11.03	MBW 1M	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

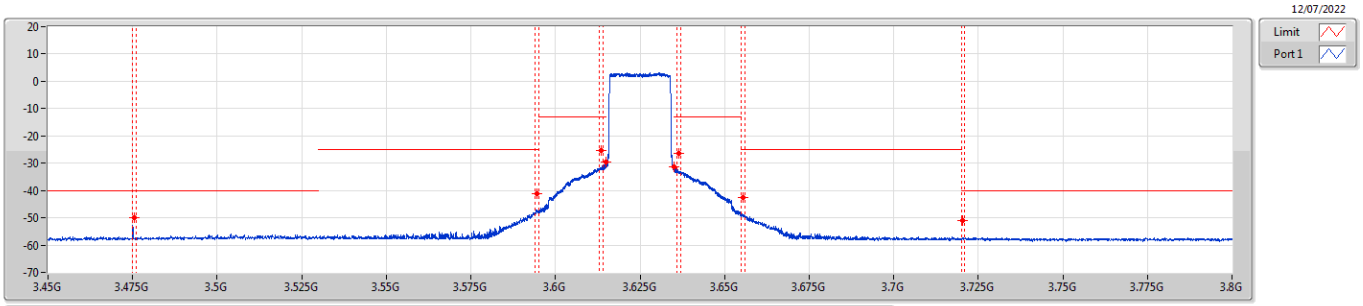
3560MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-46.44	-40.00	-6.44	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-41.21	-13.00	-28.21	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-31.67	-13.00	-18.67	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54998G	-23.07	-13.00	-10.07	-	-
3.57G	3.571G	200k	1M	RMS	3.57039G	-45.86	-13.00	-32.86	-	-
3.571G	3.59G	200k	1M	RMS	3.5715G	-45.80	-13.00	-32.80	MBW 1M	-
3.59G	3.72G	200k	1M	RMS	3.5905G	-49.73	-25.00	-24.73	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7225G	-51.04	-40.00	-11.04	MBW 1M	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

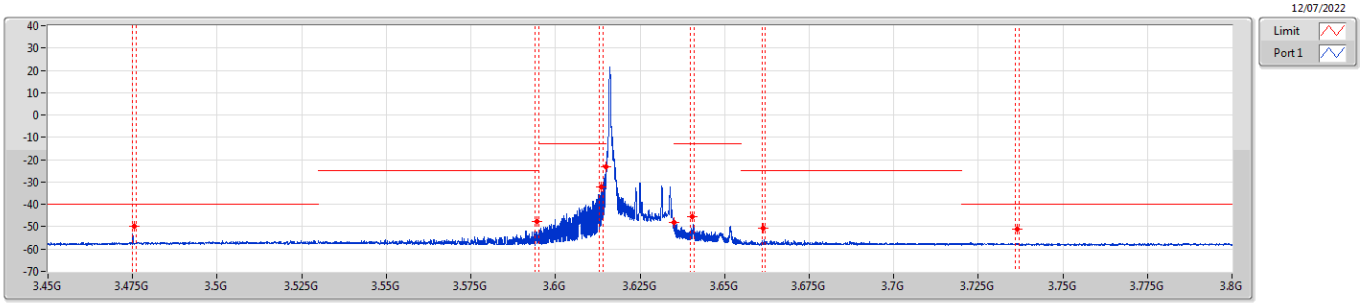
3625MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.84	-40.00	-9.84	MBW 1M	-
3.53G	3.595G	200k	1M	RMS	3.5945G	-41.10	-25.00	-16.10	MBW 1M	-
3.595G	3.614G	200k	1M	RMS	3.6135G	-25.18	-13.00	-12.18	MBW 1M	-
3.614G	3.615G	200k	1M	RMS	3.61497G	-29.58	-13.00	-16.58	-	-
3.635G	3.636G	200k	1M	RMS	3.63503G	-31.31	-13.00	-18.31	-	-
3.636G	3.655G	200k	1M	RMS	3.6365G	-26.38	-13.00	-13.38	MBW 1M	-
3.655G	3.72G	200k	1M	RMS	3.6555G	-42.43	-25.00	-17.43	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-50.91	-40.00	-10.91	MBW 1M	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

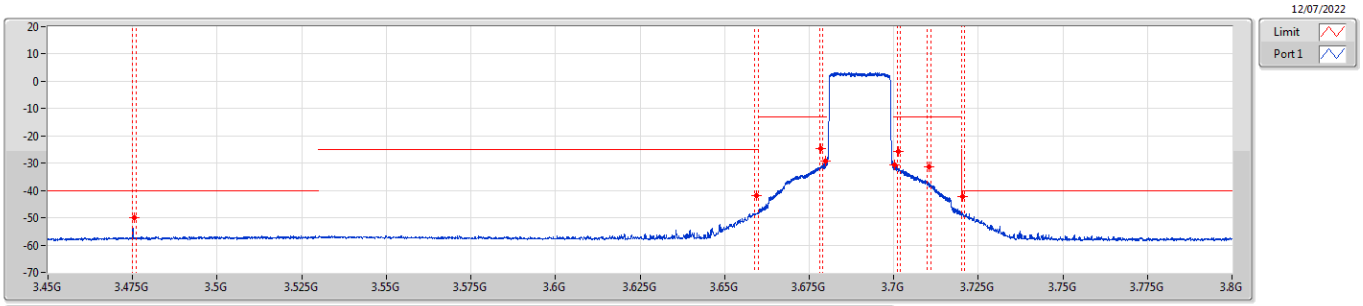
3625MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.94	-40.00	-9.94	MBW 1M	-
3.53G	3.595G	200k	1M	RMS	3.5945G	-47.81	-25.00	-22.81	MBW 1M	-
3.595G	3.614G	200k	1M	RMS	3.6135G	-32.21	-13.00	-19.21	MBW 1M	-
3.614G	3.615G	200k	1M	RMS	3.61497G	-23.11	-13.00	-10.11	-	-
3.635G	3.636G	200k	1M	RMS	3.63519G	-48.25	-13.00	-35.25	-	-
3.636G	3.655G	200k	1M	RMS	3.6405G	-45.63	-13.00	-32.63	MBW 1M	-
3.655G	3.72G	200k	1M	RMS	3.6615G	-50.47	-25.00	-25.47	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7365G	-50.99	-40.00	-10.99	MBW 1M	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

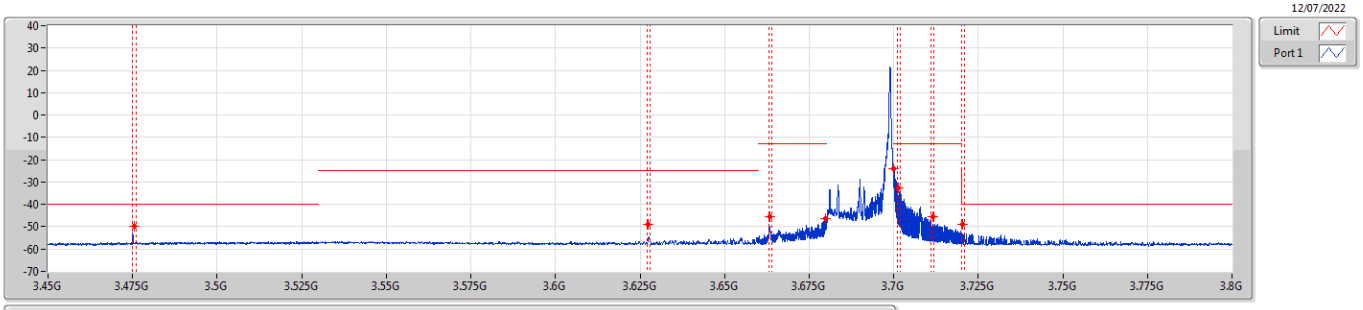
3690MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.84	-40.00	-9.84	MBW 1M	-
3.53G	3.66G	200k	1M	RMS	3.6595G	-41.76	-25.00	-16.76	MBW 1M	-
3.66G	3.679G	200k	1M	RMS	3.6785G	-24.81	-13.00	-11.81	MBW 1M	-
3.679G	3.68G	200k	1M	RMS	3.67986G	-29.20	-13.00	-16.20	-	-
3.7G	3.701G	200k	1M	RMS	3.70024G	-30.71	-13.00	-17.71	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-25.67	-13.00	-12.67	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-31.28	-13.00	-18.28	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-42.16	-40.00	-2.16	MBW 1M	-

Band 48_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

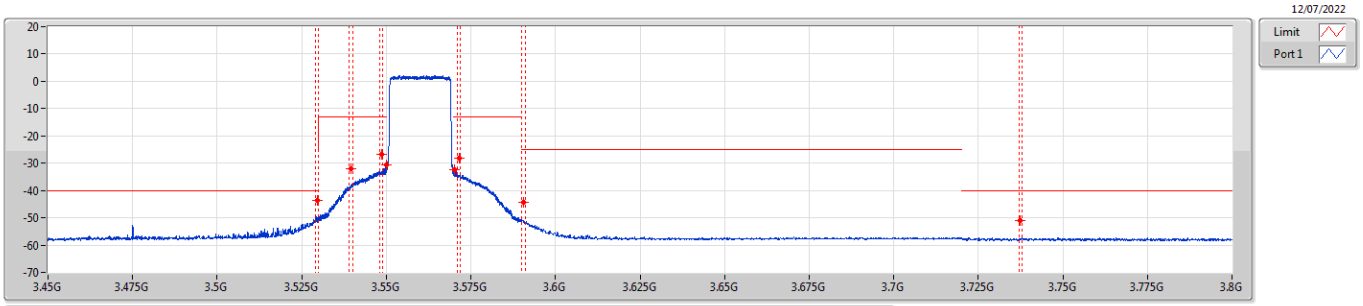
3690MHz_QPSK_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.78	-40.00	-9.78	MBW 1M	-
3.53G	3.66G	200k	1M	RMS	3.6275G	-49.13	-25.00	-24.13	MBW 1M	-
3.66G	3.679G	200k	1M	RMS	3.6635G	-45.37	-13.00	-32.37	MBW 1M	-
3.679G	3.68G	200k	1M	RMS	3.67975G	-46.37	-13.00	-33.37	-	-
3.7G	3.701G	200k	1M	RMS	3.70007G	-23.85	-13.00	-10.85	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-32.83	-13.00	-19.83	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7115G	-45.45	-13.00	-32.45	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-49.03	-40.00	-9.03	MBW 1M	-

Band 48_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

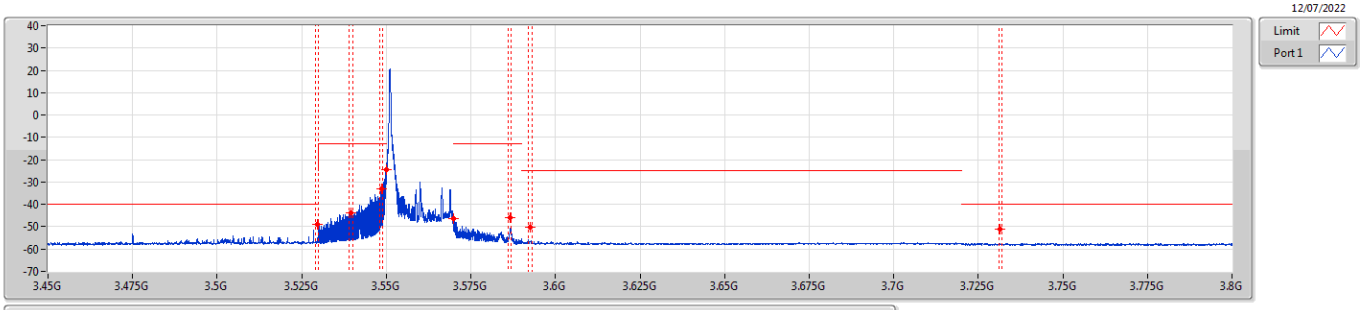
3560MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-43.75	-40.00	-3.75	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-31.94	-13.00	-18.94	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-26.93	-13.00	-13.93	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54999G	-30.72	-13.00	-17.72	-	-
3.57G	3.571G	200k	1M	RMS	3.57004G	-32.47	-13.00	-19.47	-	-
3.571G	3.59G	200k	1M	RMS	3.5715G	-28.05	-13.00	-15.05	MBW 1M	-
3.59G	3.72G	200k	1M	RMS	3.5905G	-44.49	-25.00	-19.49	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7375G	-51.08	-40.00	-11.08	MBW 1M	-

Band 48_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

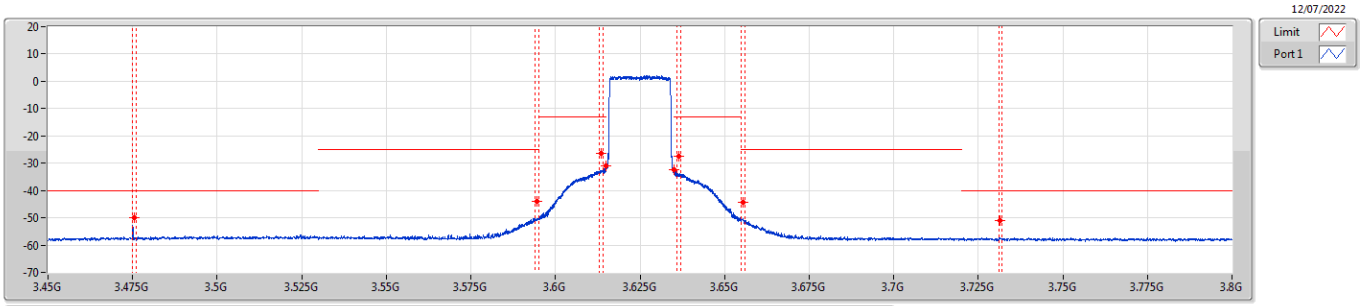
3560MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-48.81	-40.00	-8.81	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-43.94	-13.00	-30.94	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-33.01	-13.00	-20.01	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54998G	-24.25	-13.00	-11.25	-	-
3.57G	3.571G	200k	1M	RMS	3.57001G	-46.51	-13.00	-33.51	-	-
3.571G	3.59G	200k	1M	RMS	3.5865G	-46.00	-13.00	-33.00	MBW 1M	-
3.59G	3.72G	200k	1M	RMS	3.5925G	-50.20	-25.00	-25.20	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7315G	-51.00	-40.00	-11.00	MBW 1M	-

Band 48_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

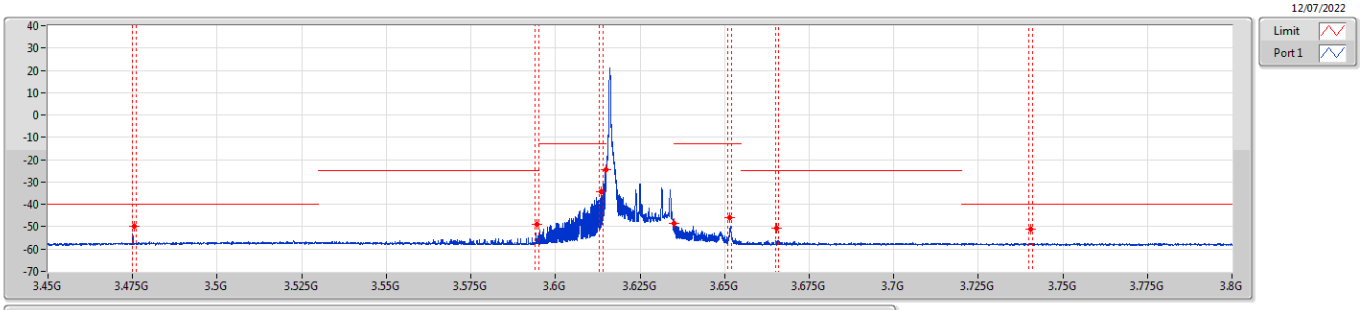
3625MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.84	-40.00	-9.84	MBW 1M	-
3.53G	3.595G	200k	1M	RMS	3.5945G	-43.97	-25.00	-18.97	MBW 1M	-
3.595G	3.614G	200k	1M	RMS	3.6135G	-26.36	-13.00	-13.36	MBW 1M	-
3.614G	3.615G	200k	1M	RMS	3.61497G	-30.99	-13.00	-17.99	-	-
3.635G	3.636G	200k	1M	RMS	3.635G	-32.42	-13.00	-19.42	-	-
3.636G	3.655G	200k	1M	RMS	3.6365G	-27.61	-13.00	-14.61	MBW 1M	-
3.655G	3.72G	200k	1M	RMS	3.6555G	-44.30	-25.00	-19.30	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7315G	-50.94	-40.00	-10.94	MBW 1M	-

Band 48_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

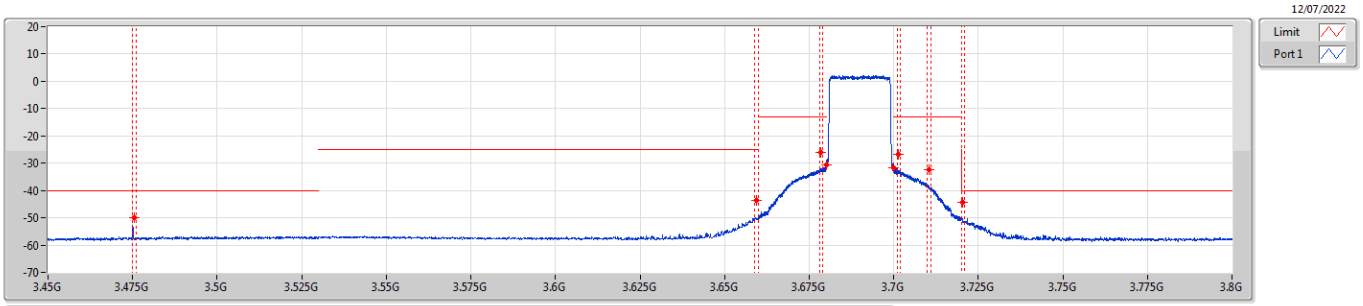
3625MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.94	-40.00	-9.94	MBW 1M	-
3.53G	3.595G	200k	1M	RMS	3.5945G	-49.09	-25.00	-24.09	MBW 1M	-
3.595G	3.614G	200k	1M	RMS	3.6135G	-34.27	-13.00	-21.27	MBW 1M	-
3.614G	3.615G	200k	1M	RMS	3.61498G	-24.59	-13.00	-11.59	-	-
3.635G	3.636G	200k	1M	RMS	3.63517G	-48.45	-13.00	-35.45	-	-
3.636G	3.655G	200k	1M	RMS	3.6515G	-45.94	-13.00	-32.94	MBW 1M	-
3.655G	3.72G	200k	1M	RMS	3.6655G	-50.69	-25.00	-25.69	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7405G	-51.00	-40.00	-11.00	MBW 1M	-

Band 48_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

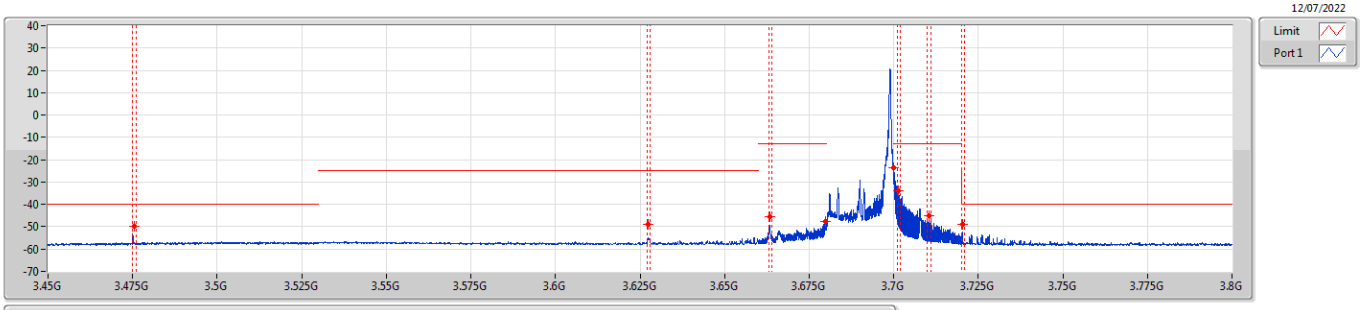
3690MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.88	-40.00	-9.88	MBW 1M	-
3.53G	3.66G	200k	1M	RMS	3.6595G	-43.51	-25.00	-18.51	MBW 1M	-
3.66G	3.679G	200k	1M	RMS	3.6785G	-25.97	-13.00	-12.97	MBW 1M	-
3.679G	3.68G	200k	1M	RMS	3.67998G	-30.67	-13.00	-17.67	-	-
3.7G	3.701G	200k	1M	RMS	3.70007G	-31.55	-13.00	-18.55	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-26.61	-13.00	-13.61	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-32.24	-13.00	-19.24	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-44.29	-40.00	-4.29	MBW 1M	-

Band 48_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

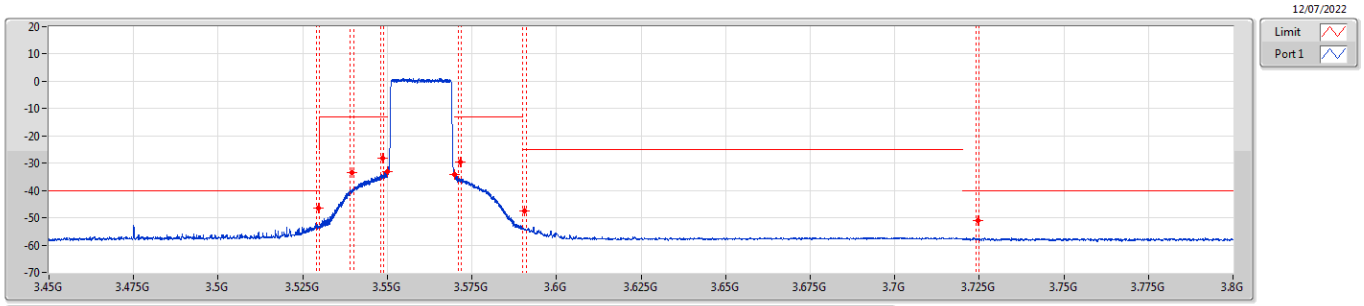
3690MHz_16QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.92	-40.00	-9.92	MBW 1M	-
3.53G	3.66G	200k	1M	RMS	3.6275G	-49.13	-25.00	-24.13	MBW 1M	-
3.66G	3.679G	200k	1M	RMS	3.6635G	-45.58	-13.00	-32.58	MBW 1M	-
3.679G	3.68G	200k	1M	RMS	3.6797G	-47.77	-13.00	-34.77	-	-
3.7G	3.701G	200k	1M	RMS	3.70003G	-23.45	-13.00	-10.45	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-34.07	-13.00	-21.07	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-45.20	-13.00	-32.20	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-49.04	-40.00	-9.04	MBW 1M	-

Band 48_LTE_20MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

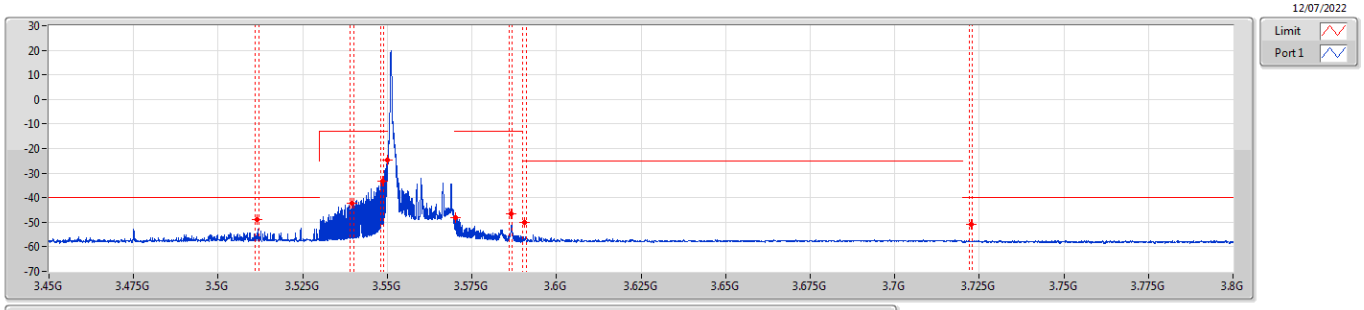
3560MHz_64QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-46.61	-40.00	-6.61	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-33.50	-13.00	-20.50	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-28.22	-13.00	-15.22	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54994G	-32.96	-13.00	-19.96	-	-
3.57G	3.571G	200k	1M	RMS	3.57002G	-34.12	-13.00	-21.12	-	-
3.571G	3.59G	200k	1M	RMS	3.5715G	-29.47	-13.00	-16.47	MBW 1M	-
3.59G	3.72G	200k	1M	RMS	3.5905G	-47.47	-25.00	-22.47	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7245G	-51.08	-40.00	-11.08	MBW 1M	-

Band 48_LTE_20MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

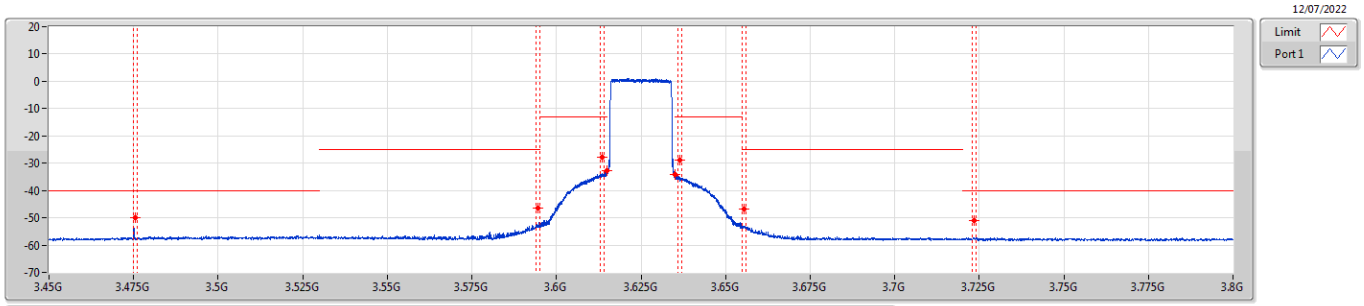
3560MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5115G	-49.03	-40.00	-9.03	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-42.17	-13.00	-29.17	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-33.36	-13.00	-20.36	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54995G	-24.72	-13.00	-11.72	-	-
3.57G	3.571G	200k	1M	RMS	3.57028G	-48.01	-13.00	-35.01	-	-
3.571G	3.59G	200k	1M	RMS	3.5865G	-46.69	-13.00	-33.69	MBW 1M	-
3.59G	3.72G	200k	1M	RMS	3.5905G	-49.98	-25.00	-24.98	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7225G	-51.05	-40.00	-11.05	MBW 1M	-

Band 48_LTE_20MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

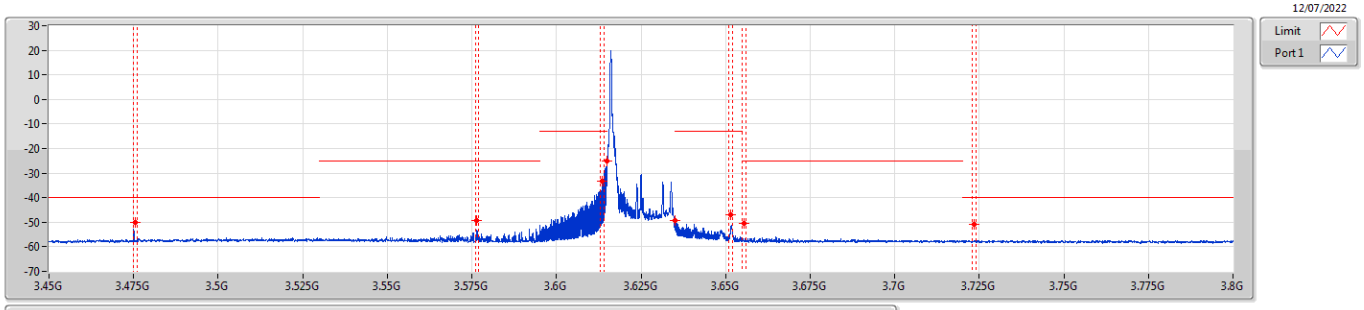
3625MHz_64QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.96	-40.00	-9.96	MBW 1M	-
3.53G	3.595G	200k	1M	RMS	3.5945G	-46.29	-25.00	-21.29	MBW 1M	-
3.595G	3.614G	200k	1M	RMS	3.6135G	-27.67	-13.00	-14.67	MBW 1M	-
3.614G	3.615G	200k	1M	RMS	3.61497G	-32.85	-13.00	-19.85	-	-
3.635G	3.636G	200k	1M	RMS	3.635G	-34.08	-13.00	-21.08	-	-
3.636G	3.655G	200k	1M	RMS	3.6365G	-28.96	-13.00	-15.96	MBW 1M	-
3.655G	3.72G	200k	1M	RMS	3.6555G	-46.72	-25.00	-21.72	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7235G	-50.92	-40.00	-10.92	MBW 1M	-

Band 48_LTE_20MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

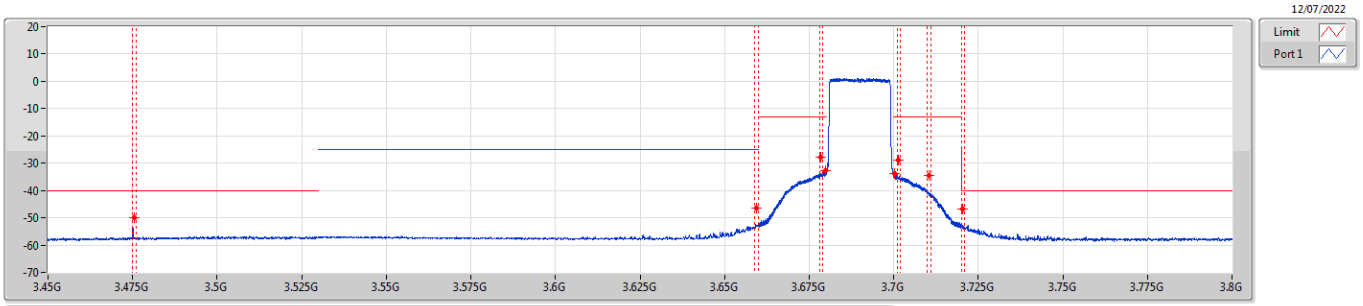
3625MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.95	-40.00	-9.95	MBW 1M	-
3.53G	3.595G	200k	1M	RMS	3.5765G	-49.29	-25.00	-24.29	MBW 1M	-
3.595G	3.614G	200k	1M	RMS	3.6135G	-33.37	-13.00	-20.37	MBW 1M	-
3.614G	3.615G	200k	1M	RMS	3.61489G	-24.97	-13.00	-11.97	-	-
3.635G	3.636G	200k	1M	RMS	3.63508G	-49.27	-13.00	-36.27	-	-
3.636G	3.655G	200k	1M	RMS	3.6515G	-46.77	-13.00	-33.77	MBW 1M	-
3.655G	3.72G	200k	1M	RMS	3.6555G	-50.57	-25.00	-25.57	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7235G	-51.05	-40.00	-11.05	MBW 1M	-

Band 48_LTE_20MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

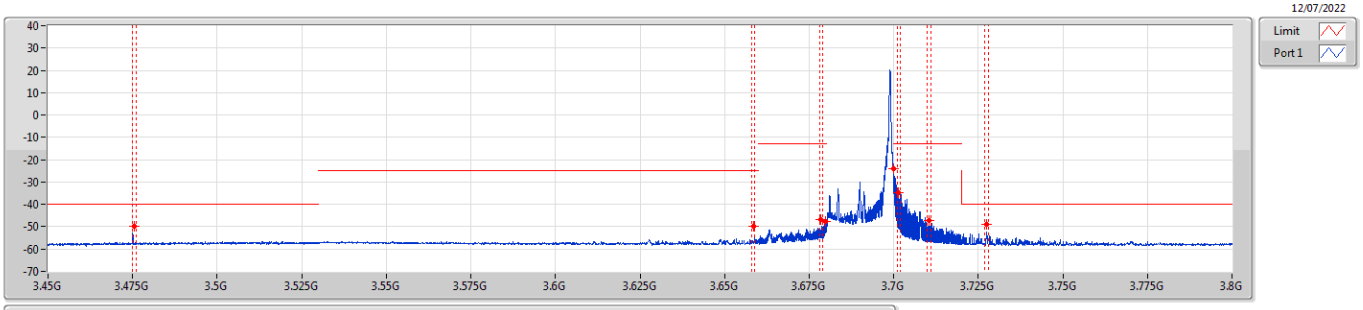
3690MHz_64QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.83	-40.00	-9.83	MBW 1M	-
3.53G	3.66G	200k	1M	RMS	3.6595G	-46.34	-25.00	-21.34	MBW 1M	-
3.66G	3.679G	200k	1M	RMS	3.6785G	-27.67	-13.00	-14.67	MBW 1M	-
3.679G	3.68G	200k	1M	RMS	3.67987G	-32.74	-13.00	-19.74	-	-
3.7G	3.701G	200k	1M	RMS	3.70017G	-33.71	-13.00	-20.71	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-28.72	-13.00	-15.72	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-34.50	-13.00	-21.50	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-46.73	-40.00	-6.73	MBW 1M	-

Band 48_LTE_20MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

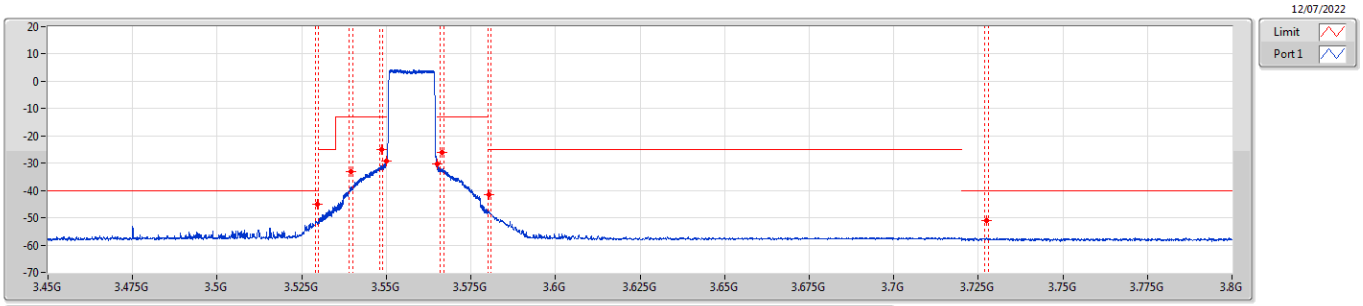
3690MHz_64QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.87	-40.00	-9.87	MBW 1M	-
3.53G	3.66G	200k	1M	RMS	3.6585G	-49.60	-25.00	-24.60	MBW 1M	-
3.66G	3.679G	200k	1M	RMS	3.6785G	-46.59	-13.00	-33.59	MBW 1M	-
3.679G	3.68G	200k	1M	RMS	3.67983G	-47.85	-13.00	-34.85	-	-
3.7G	3.701G	200k	1M	RMS	3.70004G	-24.22	-13.00	-11.22	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-34.84	-13.00	-21.84	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-47.12	-13.00	-34.12	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7275G	-49.16	-40.00	-9.16	MBW 1M	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

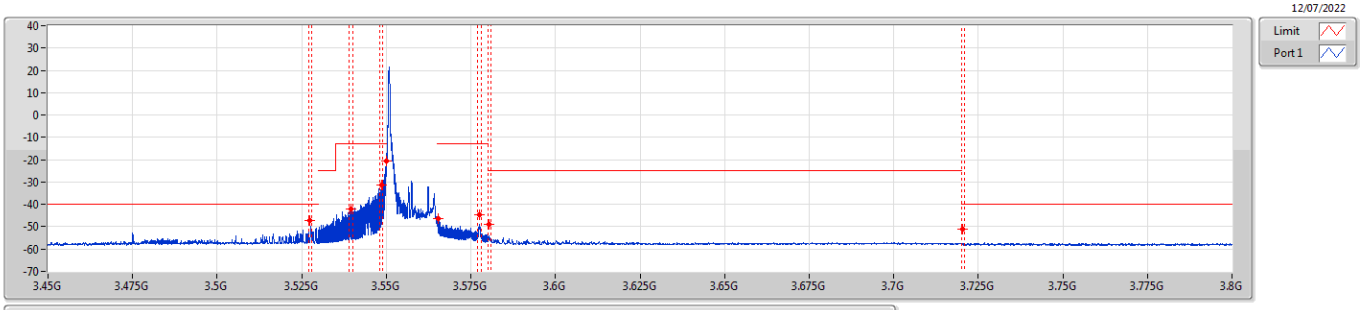
3557.5MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-45.14	-40.00	-5.14	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-32.92	-13.00	-19.92	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-24.95	-13.00	-11.95	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54999G	-29.17	-13.00	-16.17	-	-
3.565G	3.566G	200k	1M	RMS	3.5651G	-30.29	-13.00	-17.29	-	-
3.566G	3.58G	200k	1M	RMS	3.5665G	-26.03	-13.00	-13.03	MBW 1M	-
3.58G	3.72G	200k	1M	RMS	3.5805G	-41.45	-25.00	-16.45	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7275G	-51.03	-40.00	-11.03	MBW 1M	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

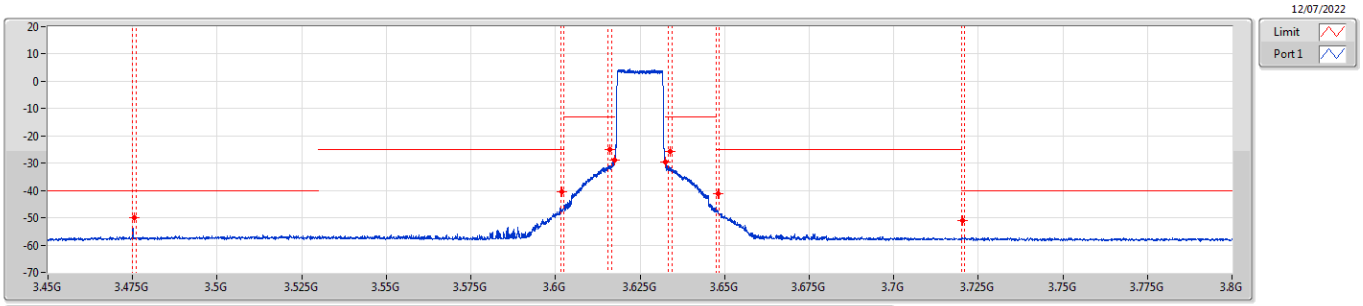
3557.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5275G	-47.06	-40.00	-7.06	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-42.03	-13.00	-29.03	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-31.20	-13.00	-18.20	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54999G	-20.55	-13.00	-7.55	-	-
3.565G	3.566G	200k	1M	RMS	3.56522G	-46.58	-13.00	-33.58	-	-
3.566G	3.58G	200k	1M	RMS	3.5775G	-44.86	-13.00	-31.86	MBW 1M	-
3.58G	3.72G	200k	1M	RMS	3.5805G	-48.93	-25.00	-23.93	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-51.02	-40.00	-11.02	MBW 1M	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

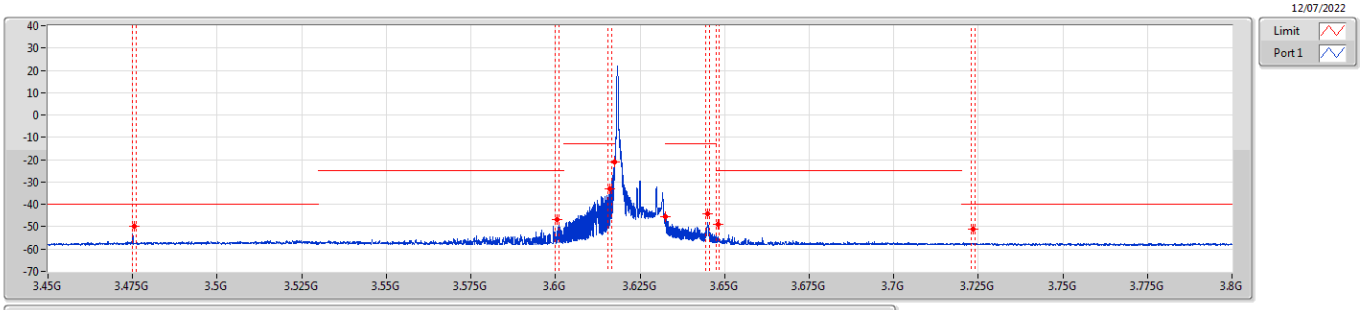
3625MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.90	-40.00	-9.90	MBW 1M	-
3.53G	3.6025G	200k	1M	RMS	3.602G	-40.47	-25.00	-15.47	MBW 1M	-
3.6025G	3.6165G	200k	1M	RMS	3.616G	-24.87	-13.00	-11.87	MBW 1M	-
3.6165G	3.6175G	200k	1M	RMS	3.61749G	-28.80	-13.00	-15.80	-	-
3.6325G	3.6335G	200k	1M	RMS	3.63252G	-29.71	-13.00	-16.71	-	-
3.6335G	3.6475G	200k	1M	RMS	3.634G	-25.65	-13.00	-12.65	MBW 1M	-
3.6475G	3.72G	200k	1M	RMS	3.648G	-41.31	-25.00	-16.31	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-50.99	-40.00	-10.99	MBW 1M	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

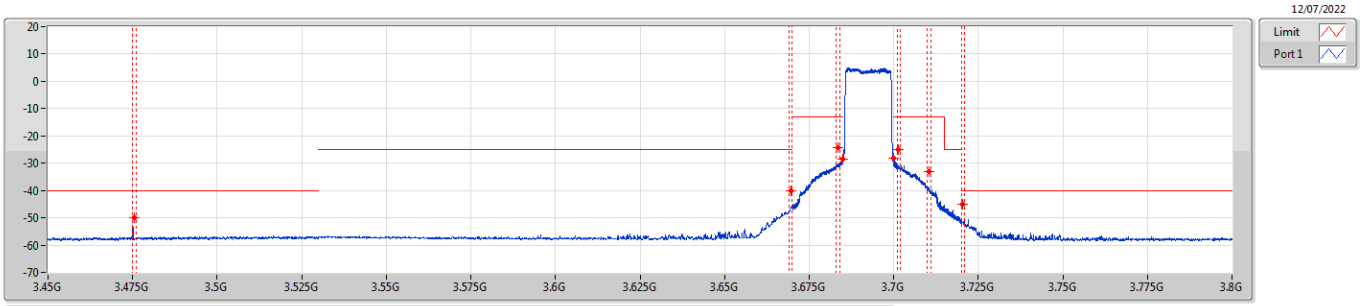
3625MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.91	-40.00	-9.91	MBW 1M	-
3.53G	3.6025G	200k	1M	RMS	3.6005G	-46.79	-25.00	-21.79	MBW 1M	-
3.6025G	3.6165G	200k	1M	RMS	3.616G	-33.14	-13.00	-20.14	MBW 1M	-
3.6165G	3.6175G	200k	1M	RMS	3.61748G	-21.03	-13.00	-8.03	-	-
3.6325G	3.6335G	200k	1M	RMS	3.63258G	-45.61	-13.00	-32.61	-	-
3.6335G	3.6475G	200k	1M	RMS	3.645G	-44.19	-13.00	-31.19	MBW 1M	-
3.6475G	3.72G	200k	1M	RMS	3.648G	-49.04	-25.00	-24.04	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7235G	-51.00	-40.00	-11.00	MBW 1M	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

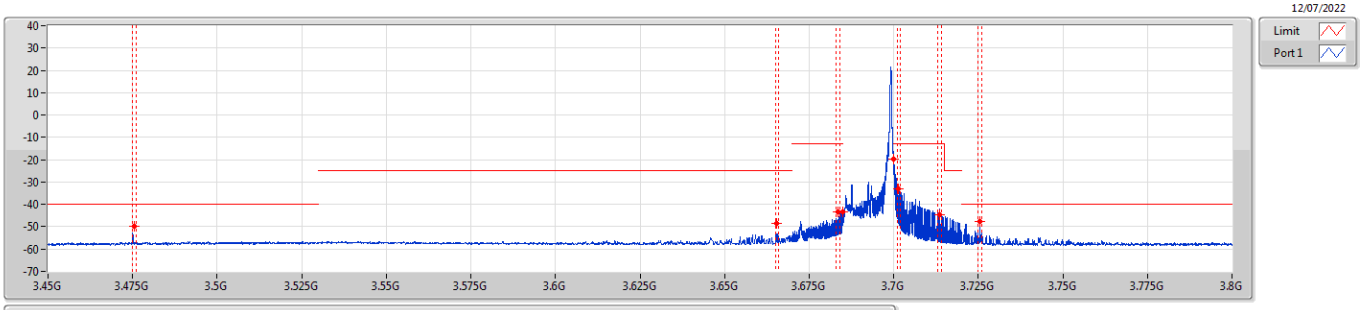
3692.5MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.86	-40.00	-9.86	MBW 1M	-
3.53G	3.67G	200k	1M	RMS	3.6695G	-39.99	-25.00	-14.99	MBW 1M	-
3.67G	3.684G	200k	1M	RMS	3.6835G	-24.20	-13.00	-11.20	MBW 1M	-
3.684G	3.685G	200k	1M	RMS	3.68488G	-28.65	-13.00	-15.65	-	-
3.7G	3.701G	200k	1M	RMS	3.70007G	-28.09	-13.00	-15.09	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-24.90	-13.00	-11.90	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-33.24	-13.00	-20.24	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-44.97	-40.00	-4.97	MBW 1M	-

Band 48_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

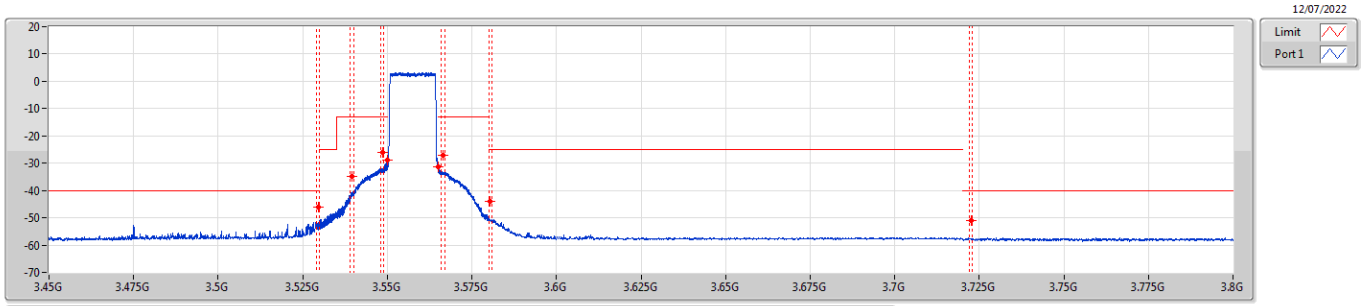
3692.5MHz_QPSK_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.67	-40.00	-9.67	MBW 1M	-
3.53G	3.67G	200k	1M	RMS	3.6655G	-48.37	-25.00	-23.37	MBW 1M	-
3.67G	3.684G	200k	1M	RMS	3.6835G	-43.50	-13.00	-30.50	MBW 1M	-
3.684G	3.685G	200k	1M	RMS	3.68493G	-43.49	-13.00	-30.49	-	-
3.7G	3.701G	200k	1M	RMS	3.70001G	-19.83	-13.00	-6.83	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-32.95	-13.00	-19.95	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7135G	-44.54	-13.00	-31.54	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7255G	-47.83	-40.00	-7.83	MBW 1M	-

Band 48_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

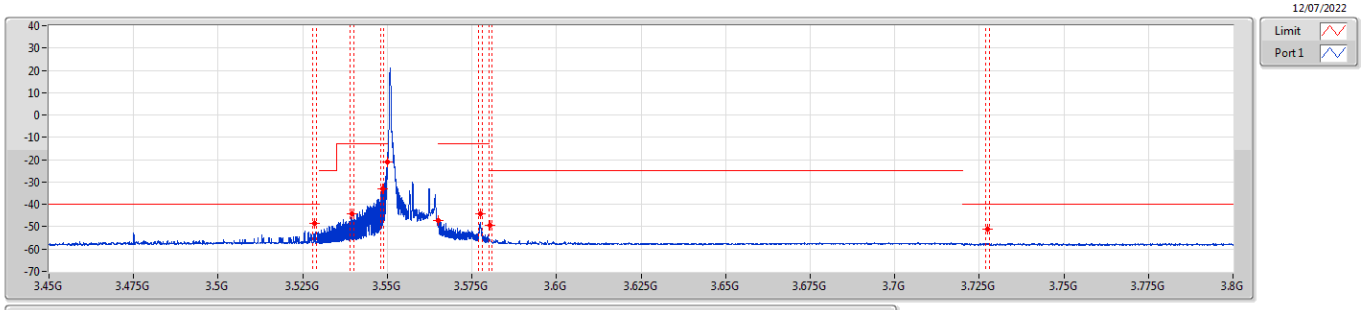
3557.5MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-45.96	-40.00	-5.96	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-34.99	-13.00	-21.99	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-25.96	-13.00	-12.96	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54993G	-28.94	-13.00	-15.94	-	-
3.565G	3.566G	200k	1M	RMS	3.565G	-31.46	-13.00	-18.46	-	-
3.566G	3.58G	200k	1M	RMS	3.5665G	-27.00	-13.00	-14.00	MBW 1M	-
3.58G	3.72G	200k	1M	RMS	3.5805G	-44.14	-25.00	-19.14	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7225G	-51.01	-40.00	-11.01	MBW 1M	-

Band 48_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

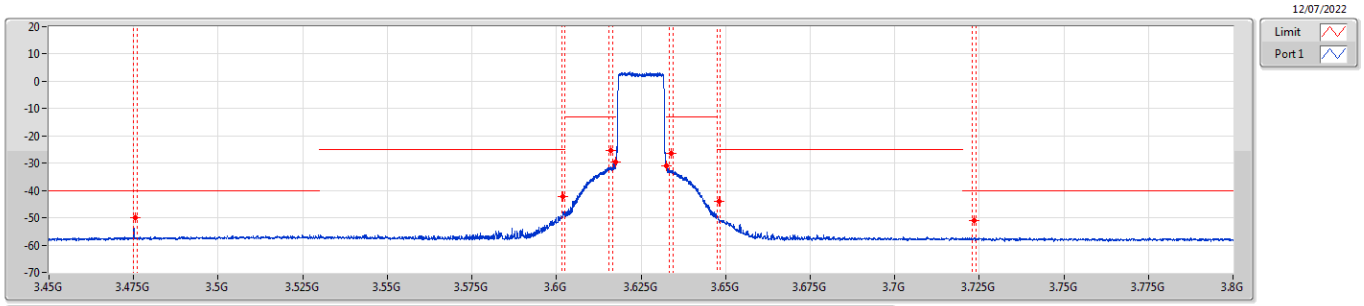
3557.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5285G	-48.47	-40.00	-8.47	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-44.26	-13.00	-31.26	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-32.92	-13.00	-19.92	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54997G	-20.82	-13.00	-7.82	-	-
3.565G	3.566G	200k	1M	RMS	3.56508G	-47.16	-13.00	-34.16	-	-
3.566G	3.58G	200k	1M	RMS	3.5775G	-44.05	-13.00	-31.05	MBW 1M	-
3.58G	3.72G	200k	1M	RMS	3.5805G	-49.47	-25.00	-24.47	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7275G	-51.06	-40.00	-11.06	MBW 1M	-

Band 48_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

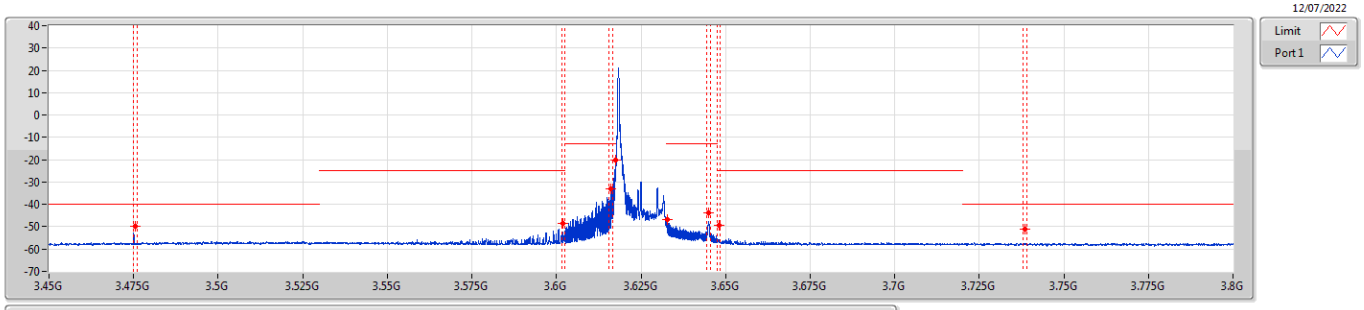
3625MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.83	-40.00	-9.83	MBW 1M	-
3.53G	3.6025G	200k	1M	RMS	3.602G	-42.33	-25.00	-17.33	MBW 1M	-
3.6025G	3.6165G	200k	1M	RMS	3.616G	-25.35	-13.00	-12.35	MBW 1M	-
3.6165G	3.6175G	200k	1M	RMS	3.61746G	-29.44	-13.00	-16.44	-	-
3.6325G	3.6335G	200k	1M	RMS	3.63252G	-31.01	-13.00	-18.01	-	-
3.6335G	3.6475G	200k	1M	RMS	3.634G	-26.41	-13.00	-13.41	MBW 1M	-
3.6475G	3.72G	200k	1M	RMS	3.648G	-43.86	-25.00	-18.86	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7235G	-51.02	-40.00	-11.02	MBW 1M	-

Band 48_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

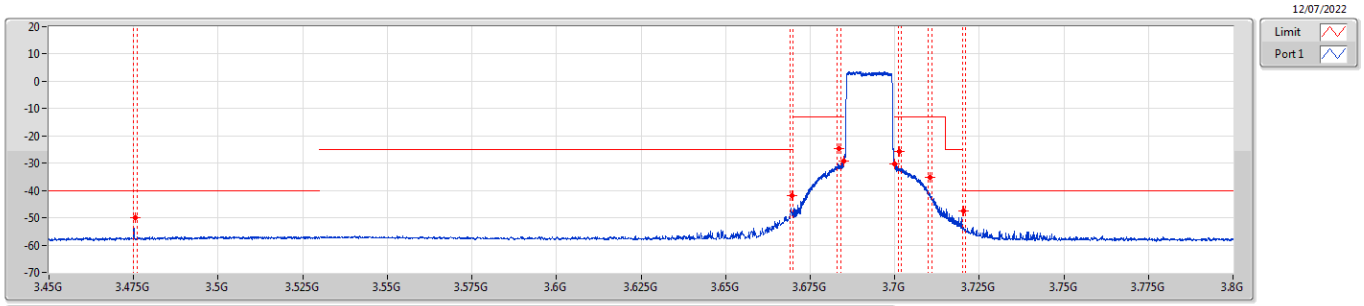
3625MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.86	-40.00	-9.86	MBW 1M	-
3.53G	3.6025G	200k	1M	RMS	3.602G	-48.58	-25.00	-23.58	MBW 1M	-
3.6025G	3.6165G	200k	1M	RMS	3.616G	-33.03	-13.00	-20.03	MBW 1M	-
3.6165G	3.6175G	200k	1M	RMS	3.61749G	-20.31	-13.00	-7.31	-	-
3.6325G	3.6335G	200k	1M	RMS	3.63271G	-46.78	-13.00	-33.78	-	-
3.6335G	3.6475G	200k	1M	RMS	3.645G	-43.91	-13.00	-30.91	MBW 1M	-
3.6475G	3.72G	200k	1M	RMS	3.648G	-49.57	-25.00	-24.57	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7385G	-51.00	-40.00	-11.00	MBW 1M	-

Band 48_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

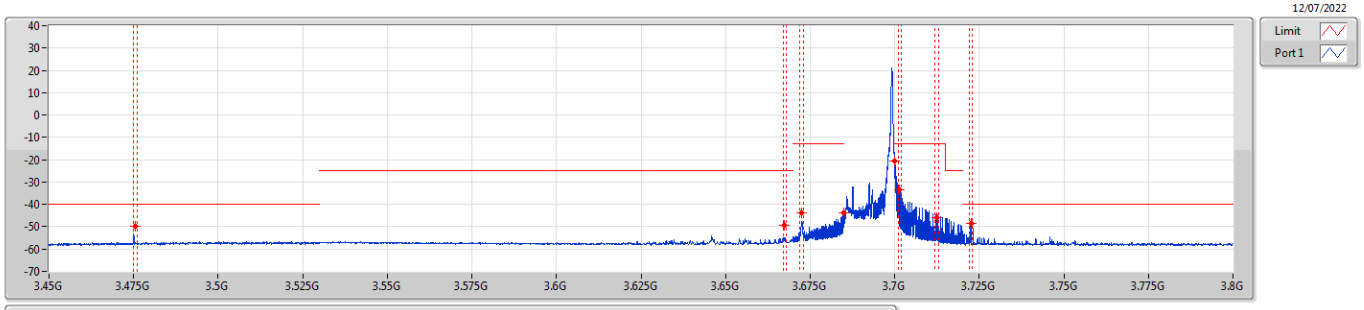
3692.5MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.91	-40.00	-9.91	MBW 1M	-
3.53G	3.67G	200k	1M	RMS	3.6695G	-41.72	-25.00	-16.72	MBW 1M	-
3.67G	3.684G	200k	1M	RMS	3.6835G	-24.78	-13.00	-11.78	MBW 1M	-
3.684G	3.685G	200k	1M	RMS	3.68483G	-29.12	-13.00	-16.12	-	-
3.7G	3.701G	200k	1M	RMS	3.70006G	-30.24	-13.00	-17.24	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-25.77	-13.00	-12.77	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-35.27	-13.00	-22.27	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-47.46	-40.00	-7.46	MBW 1M	-

Band 48_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

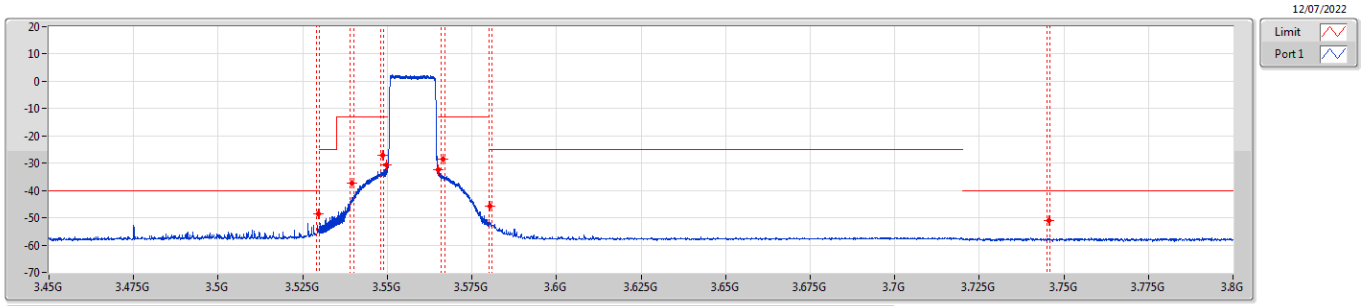
3692.5MHz_16QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.89	-40.00	-9.89	MBW 1M	-
3.53G	3.67G	200k	1M	RMS	3.6675G	-49.20	-25.00	-24.20	MBW 1M	-
3.67G	3.684G	200k	1M	RMS	3.6725G	-43.91	-13.00	-30.91	MBW 1M	-
3.684G	3.685G	200k	1M	RMS	3.68493G	-43.91	-13.00	-30.91	-	-
3.7G	3.701G	200k	1M	RMS	3.70004G	-20.64	-13.00	-7.64	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-33.29	-13.00	-20.29	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7125G	-45.81	-13.00	-32.81	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7225G	-48.43	-40.00	-8.43	MBW 1M	-

Band 48_LTE_15MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

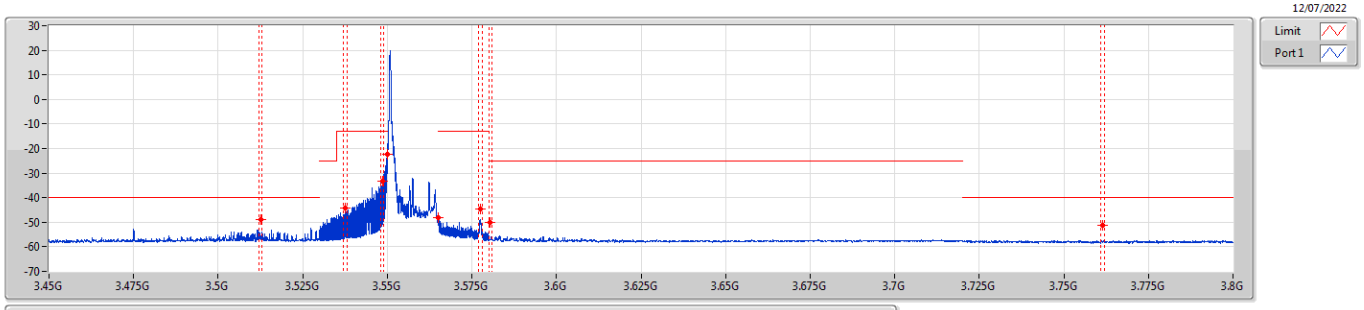
3557.5MHz_64QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5295G	-48.43	-40.00	-8.43	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5395G	-37.23	-13.00	-24.23	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-27.27	-13.00	-14.27	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54988G	-30.74	-13.00	-17.74	-	-
3.565G	3.566G	200k	1M	RMS	3.56501G	-32.46	-13.00	-19.46	-	-
3.566G	3.58G	200k	1M	RMS	3.5665G	-28.46	-13.00	-15.46	MBW 1M	-
3.58G	3.72G	200k	1M	RMS	3.5805G	-45.78	-25.00	-20.78	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7455G	-51.03	-40.00	-11.03	MBW 1M	-

Band 48_LTE_15MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

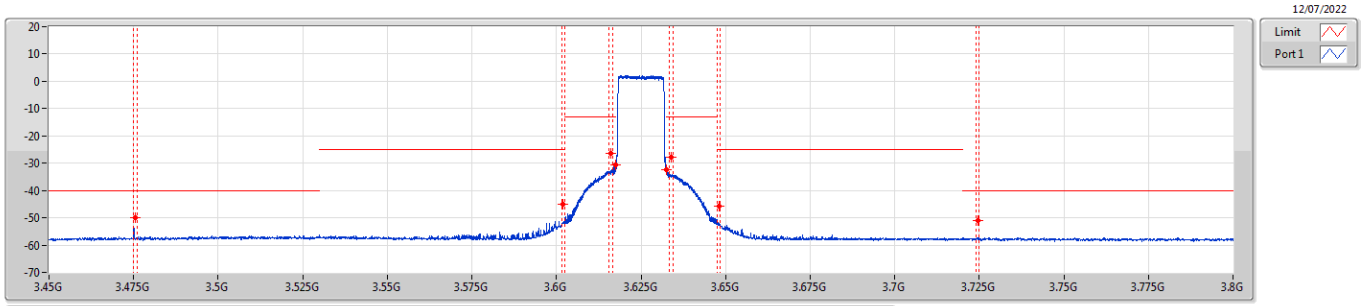
3557.5MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.5125G	-48.89	-40.00	-8.89	MBW 1M	-
3.53G	3.54G	200k	1M	RMS	3.5375G	-44.14	-13.00	-31.14	MBW 1M	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-33.19	-13.00	-20.19	MBW 1M	-
3.549G	3.55G	200k	1M	RMS	3.54999G	-22.31	-13.00	-9.31	-	-
3.565G	3.566G	200k	1M	RMS	3.56501G	-47.93	-13.00	-34.93	-	-
3.566G	3.58G	200k	1M	RMS	3.5775G	-44.73	-13.00	-31.73	MBW 1M	-
3.58G	3.72G	200k	1M	RMS	3.5805G	-50.06	-25.00	-25.06	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7615G	-51.09	-40.00	-11.09	MBW 1M	-

Band 48_LTE_15MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

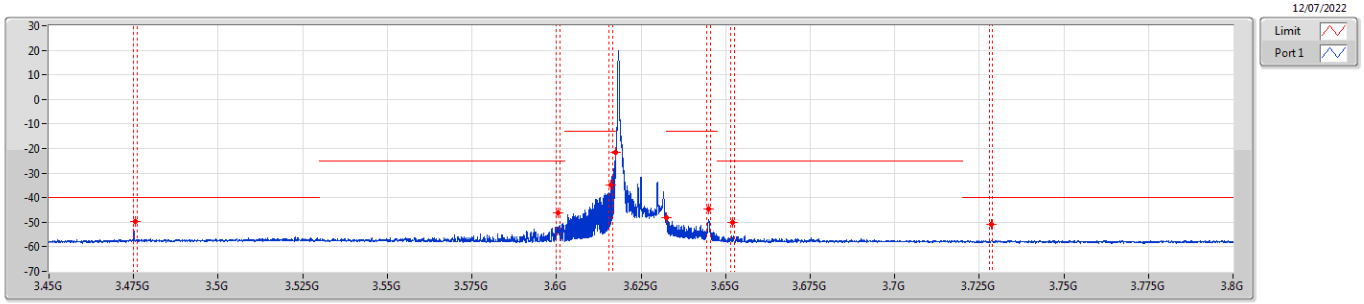
3625MHz_64QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-50.03	-40.00	-10.03	MBW 1M	-
3.53G	3.6025G	200k	1M	RMS	3.602G	-45.08	-25.00	-20.08	MBW 1M	-
3.6025G	3.6165G	200k	1M	RMS	3.616G	-26.52	-13.00	-13.52	MBW 1M	-
3.6165G	3.6175G	200k	1M	RMS	3.61749G	-30.67	-13.00	-17.67	-	-
3.6325G	3.6335G	200k	1M	RMS	3.63251G	-32.26	-13.00	-19.26	-	-
3.6335G	3.6475G	200k	1M	RMS	3.634G	-27.89	-13.00	-14.89	MBW 1M	-
3.6475G	3.72G	200k	1M	RMS	3.648G	-45.70	-25.00	-20.70	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7245G	-50.94	-40.00	-10.94	MBW 1M	-

Band 48_LTE_15MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

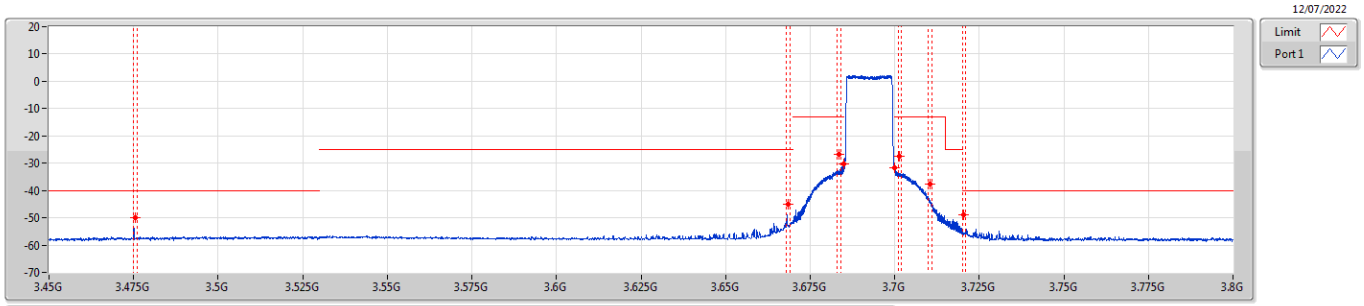
3625MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.68	-40.00	-9.68	MBW 1M	-
3.53G	3.6025G	200k	1M	RMS	3.6005G	-46.35	-25.00	-21.35	MBW 1M	-
3.6025G	3.6165G	200k	1M	RMS	3.616G	-34.67	-13.00	-21.67	MBW 1M	-
3.6165G	3.6175G	200k	1M	RMS	3.6175G	-21.47	-13.00	-8.47	-	-
3.6325G	3.6335G	200k	1M	RMS	3.63258G	-48.01	-13.00	-35.01	-	-
3.6335G	3.6475G	200k	1M	RMS	3.645G	-44.61	-13.00	-31.61	MBW 1M	-
3.6475G	3.72G	200k	1M	RMS	3.652G	-49.97	-25.00	-24.97	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7285G	-51.02	-40.00	-11.02	MBW 1M	-

Band 48_LTE_15MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

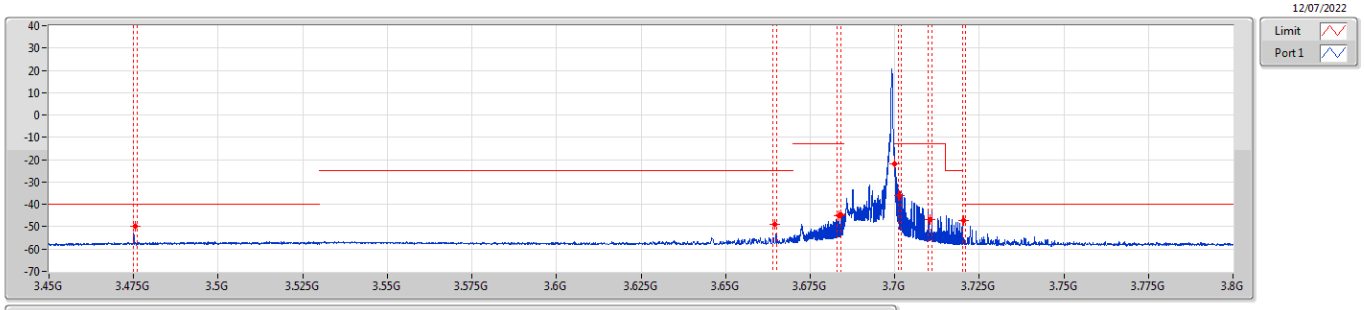
3692.5MHz_64QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.91	-40.00	-9.91	MBW 1M	-
3.53G	3.67G	200k	1M	RMS	3.6685G	-45.14	-25.00	-20.14	MBW 1M	-
3.67G	3.684G	200k	1M	RMS	3.6835G	-26.80	-13.00	-13.80	MBW 1M	-
3.684G	3.685G	200k	1M	RMS	3.68489G	-30.32	-13.00	-17.32	-	-
3.7G	3.701G	200k	1M	RMS	3.70001G	-31.77	-13.00	-18.77	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-27.62	-13.00	-14.62	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-37.54	-13.00	-24.54	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-48.92	-40.00	-8.92	MBW 1M	-

Band 48_LTE_15MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

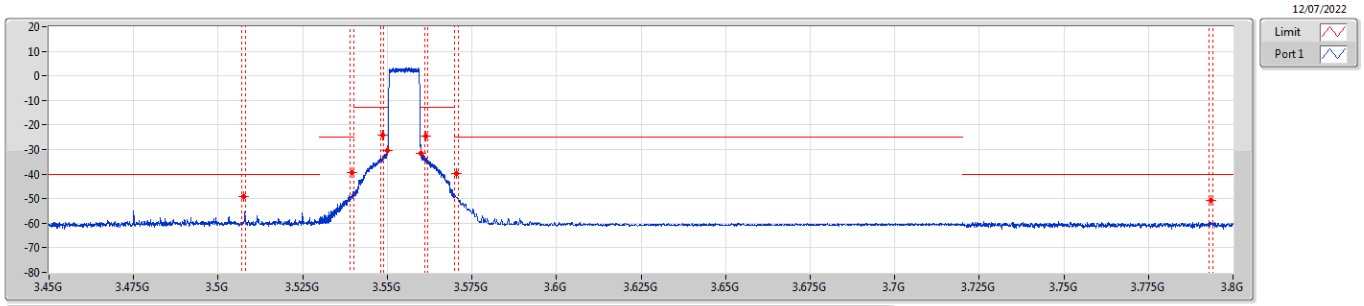
3692.5MHz_64QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	200k	1M	RMS	3.4755G	-49.94	-40.00	-9.94	MBW 1M	-
3.53G	3.67G	200k	1M	RMS	3.6645G	-48.90	-25.00	-23.90	MBW 1M	-
3.67G	3.684G	200k	1M	RMS	3.6835G	-44.88	-13.00	-31.88	MBW 1M	-
3.684G	3.685G	200k	1M	RMS	3.68403G	-44.47	-13.00	-31.47	-	-
3.7G	3.701G	200k	1M	RMS	3.7G	-21.83	-13.00	-8.83	-	-
3.701G	3.71G	200k	1M	RMS	3.7015G	-36.24	-13.00	-23.24	MBW 1M	-
3.71G	3.72G	200k	1M	RMS	3.7105G	-46.91	-13.00	-33.91	MBW 1M	-
3.72G	3.8G	200k	1M	RMS	3.7205G	-47.03	-40.00	-7.03	MBW 1M	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

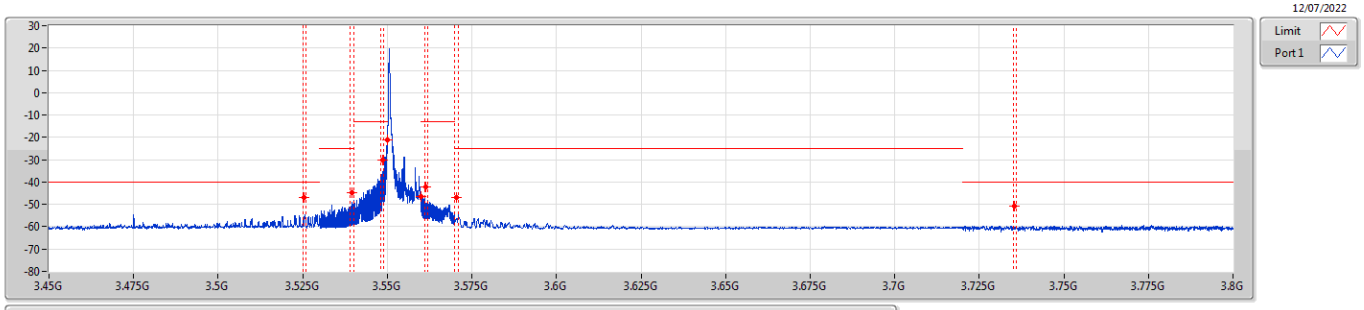
3555MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.5075G	-48.98	-40.00	-8.98	MBW 1M	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-39.29	-25.00	-14.29	MBW 1M	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-24.08	-13.00	-11.08	MBW 1M	-
3.549G	3.55G	100k	300k	RMS	3.54999G	-30.30	-13.00	-17.30	-	-
3.56G	3.561G	100k	300k	RMS	3.56007G	-31.38	-13.00	-18.38	-	-
3.561G	3.57G	100k	300k	RMS	3.5615G	-24.70	-13.00	-11.70	MBW 1M	-
3.57G	3.72G	100k	300k	RMS	3.5705G	-39.60	-25.00	-14.60	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7935G	-50.58	-40.00	-10.58	MBW 1M	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

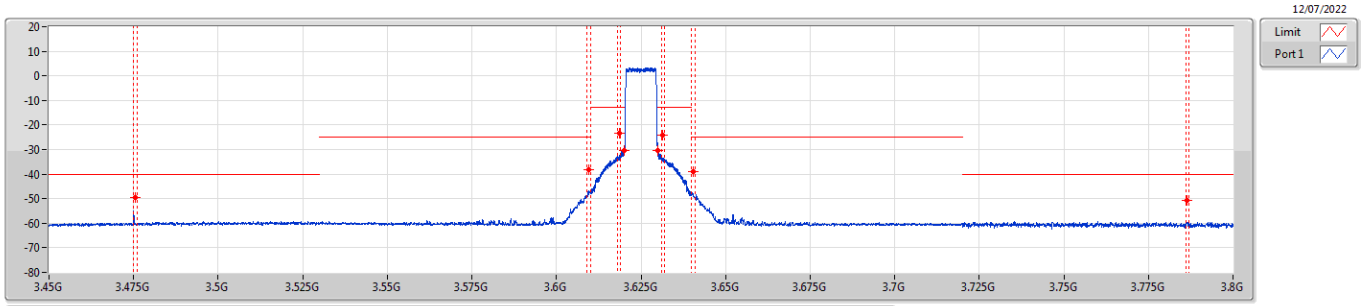
3555MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.5255G	-47.03	-40.00	-7.03	MBW 1M	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-44.80	-25.00	-19.80	MBW 1M	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-29.97	-13.00	-16.97	MBW 1M	-
3.549G	3.55G	100k	300k	RMS	3.55G	-21.07	-13.00	-8.07	-	-
3.56G	3.561G	100k	300k	RMS	3.56G	-46.37	-13.00	-33.37	-	-
3.561G	3.57G	100k	300k	RMS	3.5615G	-42.34	-13.00	-29.34	MBW 1M	-
3.57G	3.72G	100k	300k	RMS	3.5705G	-47.01	-25.00	-22.01	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7355G	-50.64	-40.00	-10.64	MBW 1M	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

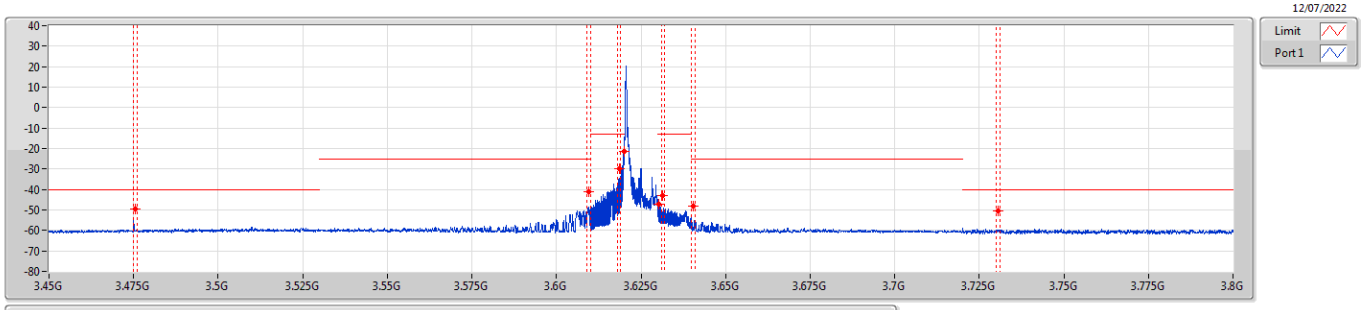
3625MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.60	-40.00	-9.60	MBW 1M	-
3.53G	3.61G	100k	300k	RMS	3.6095G	-38.03	-25.00	-13.03	MBW 1M	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-23.50	-13.00	-10.50	MBW 1M	-
3.619G	3.62G	100k	300k	RMS	3.62G	-30.50	-13.00	-17.50	-	-
3.63G	3.631G	100k	300k	RMS	3.63008G	-30.49	-13.00	-17.49	-	-
3.631G	3.64G	100k	300k	RMS	3.6315G	-24.26	-13.00	-11.26	MBW 1M	-
3.64G	3.72G	100k	300k	RMS	3.6405G	-38.93	-25.00	-13.93	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7865G	-50.60	-40.00	-10.60	MBW 1M	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

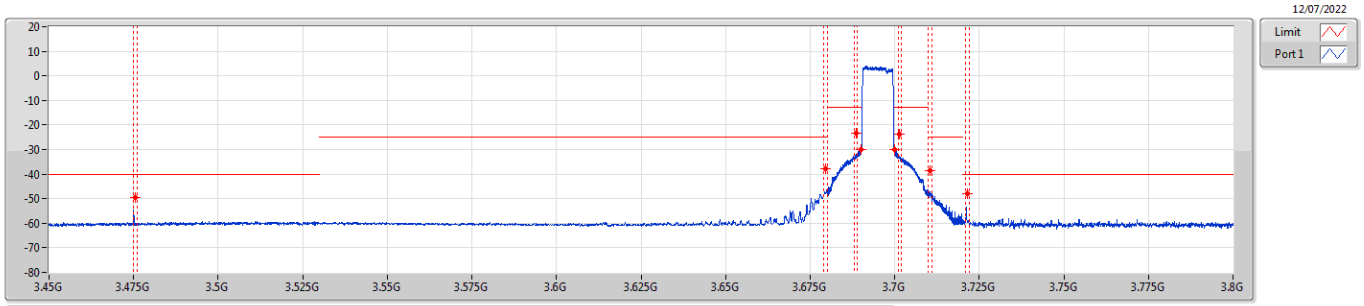
3625MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.53	-40.00	-9.53	MBW 1M	-
3.53G	3.61G	100k	300k	RMS	3.6095G	-40.99	-25.00	-15.99	MBW 1M	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-30.07	-13.00	-17.07	MBW 1M	-
3.619G	3.62G	100k	300k	RMS	3.61994G	-21.22	-13.00	-8.22	-	-
3.63G	3.631G	100k	300k	RMS	3.63017G	-47.17	-13.00	-34.17	-	-
3.631G	3.64G	100k	300k	RMS	3.6315G	-43.19	-13.00	-30.19	MBW 1M	-
3.64G	3.72G	100k	300k	RMS	3.6405G	-48.17	-25.00	-23.17	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7305G	-50.50	-40.00	-10.50	MBW 1M	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

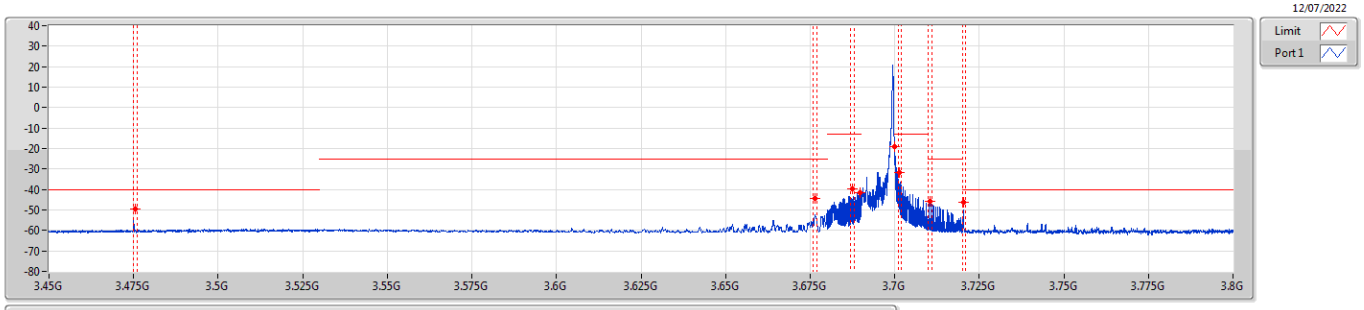
3695MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.68	-40.00	-9.68	MBW 1M	-
3.53G	3.68G	100k	300k	RMS	3.6795G	-37.70	-25.00	-12.70	MBW 1M	-
3.68G	3.689G	100k	300k	RMS	3.6885G	-23.20	-13.00	-10.20	MBW 1M	-
3.689G	3.69G	100k	300k	RMS	3.68991G	-29.91	-13.00	-16.91	-	-
3.7G	3.701G	100k	300k	RMS	3.70008G	-30.17	-13.00	-17.17	-	-
3.701G	3.71G	100k	300k	RMS	3.7015G	-23.69	-13.00	-10.69	MBW 1M	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-38.76	-25.00	-13.76	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7215G	-47.98	-40.00	-7.98	MBW 1M	-

Band 48_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

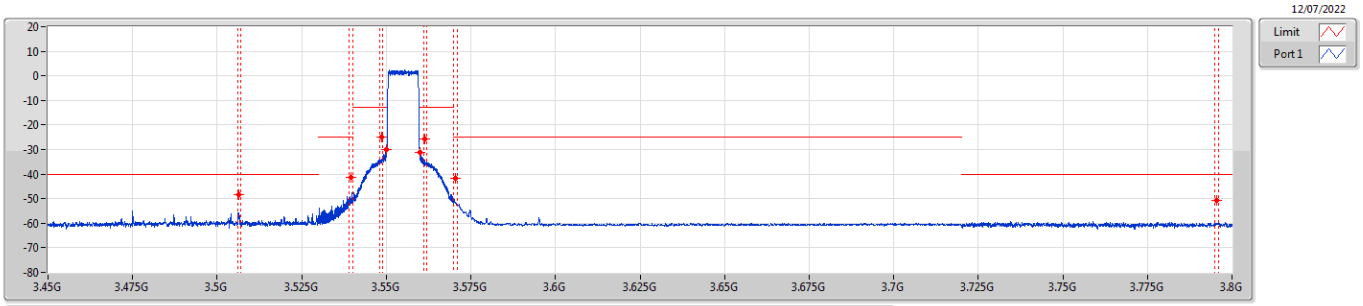
3695MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.60	-40.00	-9.60	MBW 1M	-
3.53G	3.68G	100k	300k	RMS	3.6765G	-44.33	-25.00	-19.33	MBW 1M	-
3.68G	3.689G	100k	300k	RMS	3.6875G	-39.61	-13.00	-26.61	MBW 1M	-
3.689G	3.69G	100k	300k	RMS	3.68963G	-41.45	-13.00	-28.45	-	-
3.7G	3.701G	100k	300k	RMS	3.70002G	-19.23	-13.00	-6.23	-	-
3.701G	3.71G	100k	300k	RMS	3.7015G	-31.52	-13.00	-18.52	MBW 1M	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-45.99	-25.00	-20.99	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7205G	-46.40	-40.00	-6.40	MBW 1M	-

Band 48_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

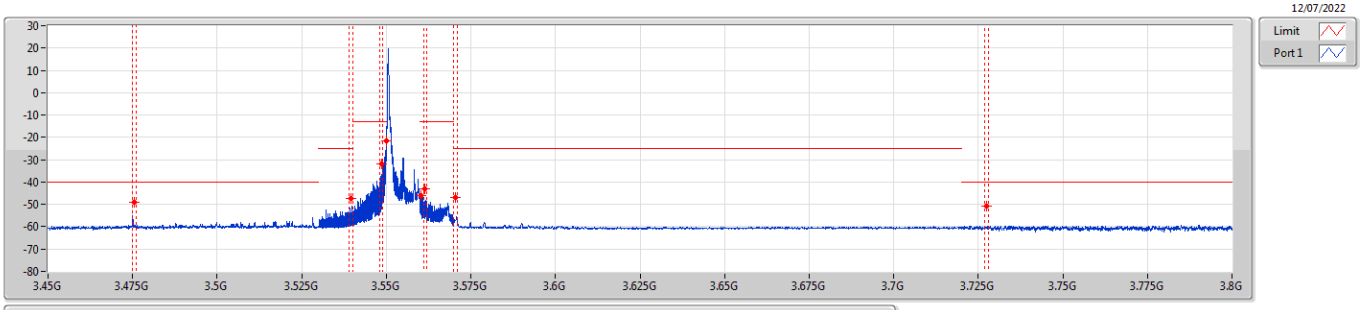
3555MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.5065G	-48.44	-40.00	-8.44	MBW 1M	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-41.14	-25.00	-16.14	MBW 1M	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-24.84	-13.00	-11.84	MBW 1M	-
3.549G	3.55G	100k	300k	RMS	3.54997G	-29.92	-13.00	-16.92	-	-
3.56G	3.561G	100k	300k	RMS	3.56001G	-31.31	-13.00	-18.31	-	-
3.561G	3.57G	100k	300k	RMS	3.5615G	-25.64	-13.00	-12.64	MBW 1M	-
3.57G	3.72G	100k	300k	RMS	3.5705G	-41.85	-25.00	-16.85	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7955G	-50.58	-40.00	-10.58	MBW 1M	-

Band 48_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

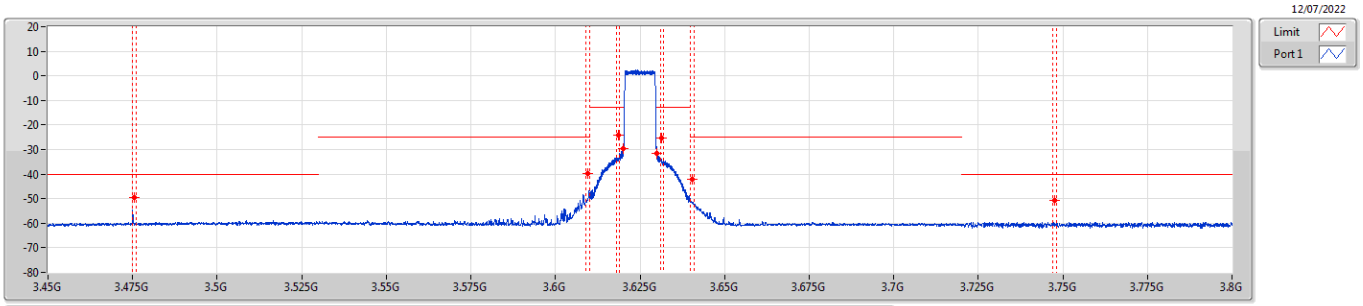
3555MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.27	-40.00	-9.27	MBW 1M	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-47.19	-25.00	-22.19	MBW 1M	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-31.99	-13.00	-18.99	MBW 1M	-
3.549G	3.55G	100k	300k	RMS	3.55G	-21.45	-13.00	-8.45	-	-
3.56G	3.561G	100k	300k	RMS	3.56016G	-46.23	-13.00	-33.23	-	-
3.561G	3.57G	100k	300k	RMS	3.5615G	-42.95	-13.00	-29.95	MBW 1M	-
3.57G	3.72G	100k	300k	RMS	3.5705G	-47.10	-25.00	-22.10	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7275G	-50.64	-40.00	-10.64	MBW 1M	-

Band 48_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

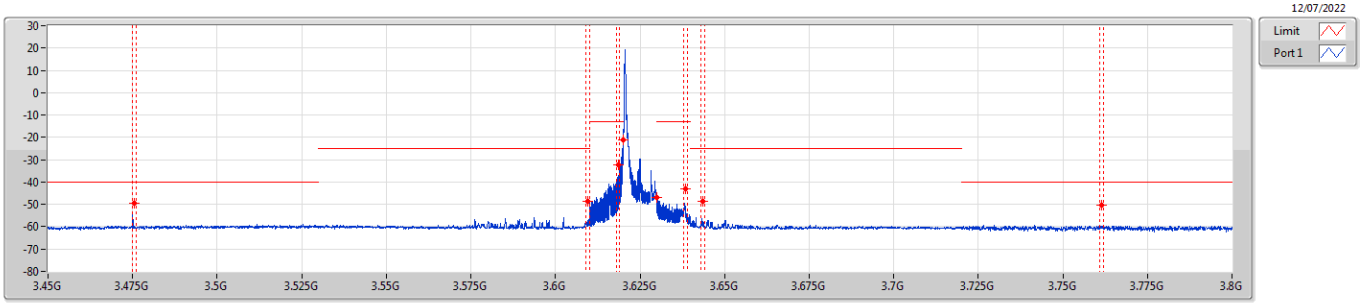
3625MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.47	-40.00	-9.47	MBW 1M	-
3.53G	3.61G	100k	300k	RMS	3.6095G	-39.71	-25.00	-14.71	MBW 1M	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-24.03	-13.00	-11.03	MBW 1M	-
3.619G	3.62G	100k	300k	RMS	3.61994G	-29.57	-13.00	-16.57	-	-
3.63G	3.631G	100k	300k	RMS	3.6301G	-31.55	-13.00	-18.55	-	-
3.631G	3.64G	100k	300k	RMS	3.6315G	-25.16	-13.00	-12.16	MBW 1M	-
3.64G	3.72G	100k	300k	RMS	3.6405G	-41.98	-25.00	-16.98	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7475G	-50.64	-40.00	-10.64	MBW 1M	-

Band 48_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

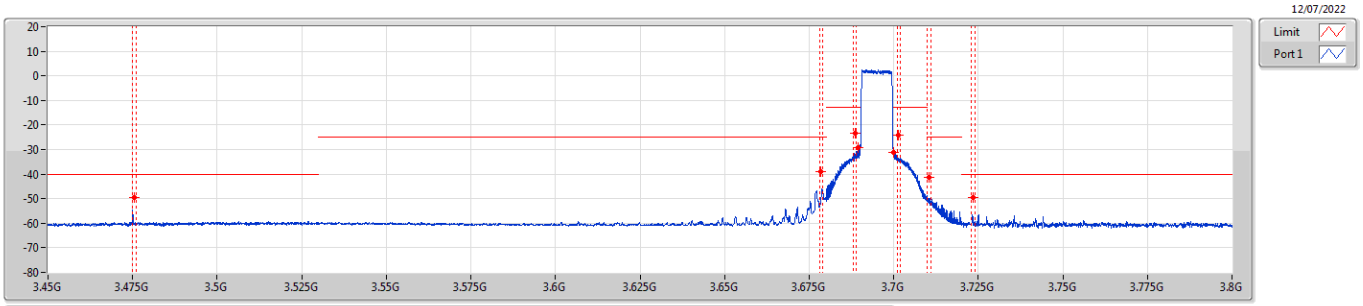
3625MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.64	-40.00	-9.64	MBW 1M	-
3.53G	3.61G	100k	300k	RMS	3.6095G	-48.81	-25.00	-23.81	MBW 1M	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-32.38	-13.00	-19.38	MBW 1M	-
3.619G	3.62G	100k	300k	RMS	3.62G	-21.06	-13.00	-8.06	-	-
3.63G	3.631G	100k	300k	RMS	3.63009G	-47.10	-13.00	-34.10	-	-
3.631G	3.64G	100k	300k	RMS	3.6385G	-43.15	-13.00	-30.15	MBW 1M	-
3.64G	3.72G	100k	300k	RMS	3.6435G	-48.76	-25.00	-23.76	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7615G	-50.44	-40.00	-10.44	MBW 1M	-

Band 48_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

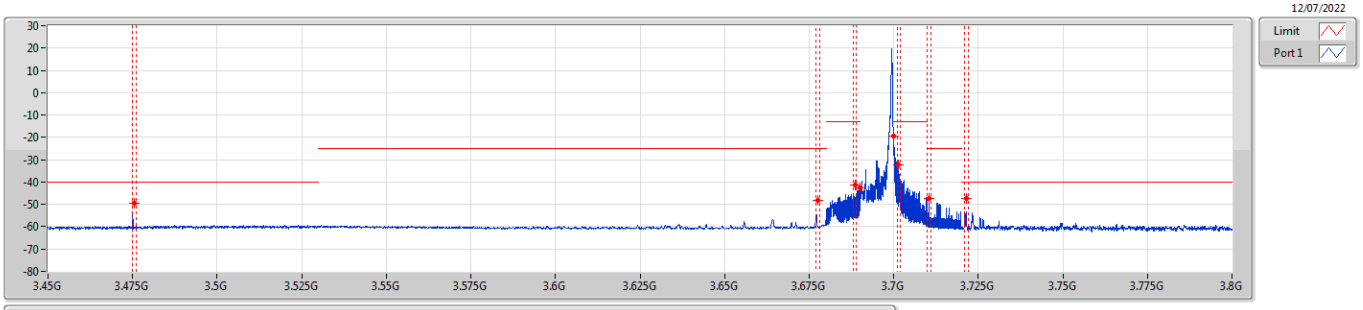
3695MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.51	-40.00	-9.51	MBW 1M	-
3.53G	3.68G	100k	300k	RMS	3.6785G	-39.03	-25.00	-14.03	MBW 1M	-
3.68G	3.689G	100k	300k	RMS	3.6885G	-23.28	-13.00	-10.28	MBW 1M	-
3.689G	3.69G	100k	300k	RMS	3.6896G	-29.07	-13.00	-16.07	-	-
3.7G	3.701G	100k	300k	RMS	3.70004G	-31.02	-13.00	-18.02	-	-
3.701G	3.71G	100k	300k	RMS	3.7015G	-24.32	-13.00	-11.32	MBW 1M	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-41.27	-25.00	-16.27	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7235G	-49.64	-40.00	-9.64	MBW 1M	-

Band 48_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

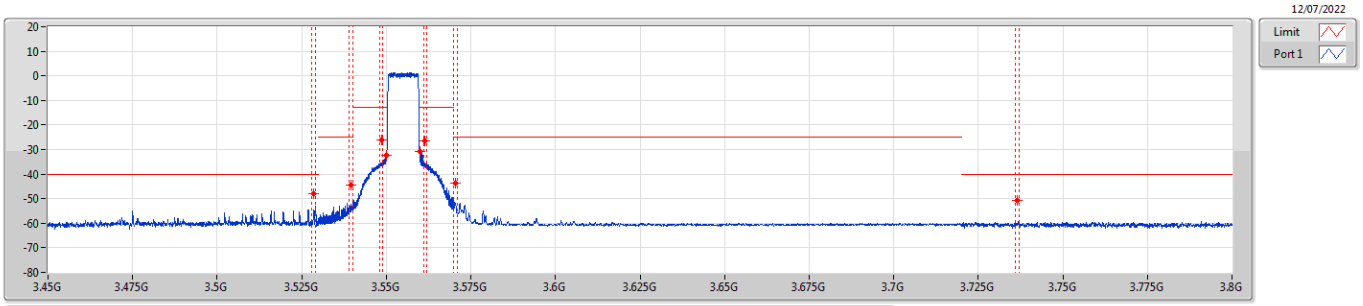
3695MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.58	-40.00	-9.58	MBW 1M	-
3.53G	3.68G	100k	300k	RMS	3.6775G	-48.19	-25.00	-23.19	MBW 1M	-
3.68G	3.689G	100k	300k	RMS	3.6885G	-41.31	-13.00	-28.31	MBW 1M	-
3.689G	3.69G	100k	300k	RMS	3.68996G	-42.69	-13.00	-29.69	-	-
3.7G	3.701G	100k	300k	RMS	3.70002G	-19.43	-13.00	-6.43	-	-
3.701G	3.71G	100k	300k	RMS	3.7015G	-32.26	-13.00	-19.26	MBW 1M	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-47.34	-25.00	-22.34	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7215G	-47.30	-40.00	-7.30	MBW 1M	-

Band 48_LTE_10MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

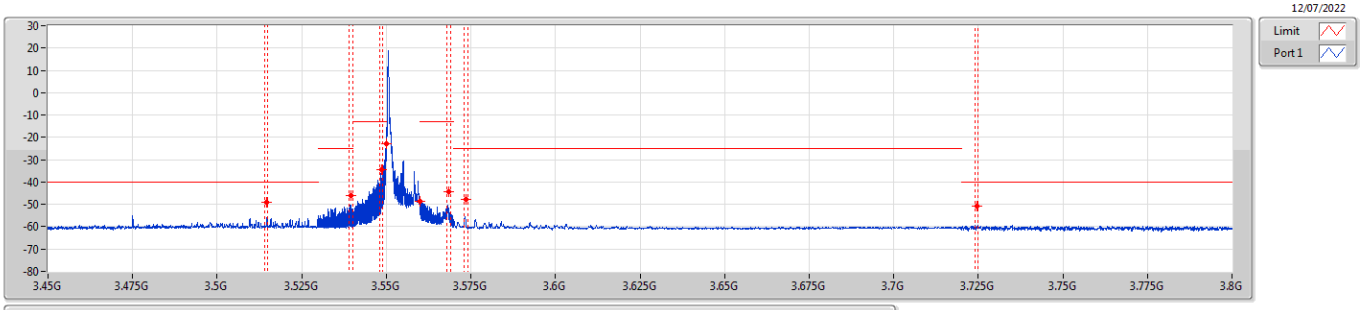
3555MHz_64QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.5285G	-47.79	-40.00	-7.79	MBW 1M	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-44.44	-25.00	-19.44	MBW 1M	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-26.26	-13.00	-13.26	MBW 1M	-
3.549G	3.55G	100k	300k	RMS	3.55G	-32.17	-13.00	-19.17	-	-
3.56G	3.561G	100k	300k	RMS	3.56006G	-30.88	-13.00	-17.88	-	-
3.561G	3.57G	100k	300k	RMS	3.5615G	-26.52	-13.00	-13.52	MBW 1M	-
3.57G	3.72G	100k	300k	RMS	3.5705G	-43.68	-25.00	-18.68	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7365G	-50.59	-40.00	-10.59	MBW 1M	-

Band 48_LTE_10MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

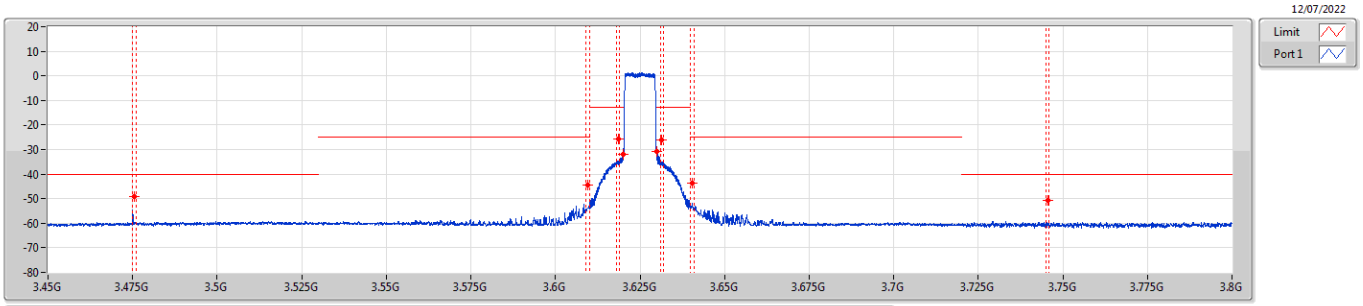
3555MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.5145G	-48.97	-40.00	-8.97	MBW 1M	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-46.13	-25.00	-21.13	MBW 1M	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-34.51	-13.00	-21.51	MBW 1M	-
3.549G	3.55G	100k	300k	RMS	3.54999G	-23.00	-13.00	-10.00	-	-
3.56G	3.561G	100k	300k	RMS	3.56002G	-48.49	-13.00	-35.49	-	-
3.561G	3.57G	100k	300k	RMS	3.5685G	-44.32	-13.00	-31.32	MBW 1M	-
3.57G	3.72G	100k	300k	RMS	3.5735G	-47.94	-25.00	-22.94	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7245G	-50.58	-40.00	-10.58	MBW 1M	-

Band 48_LTE_10MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

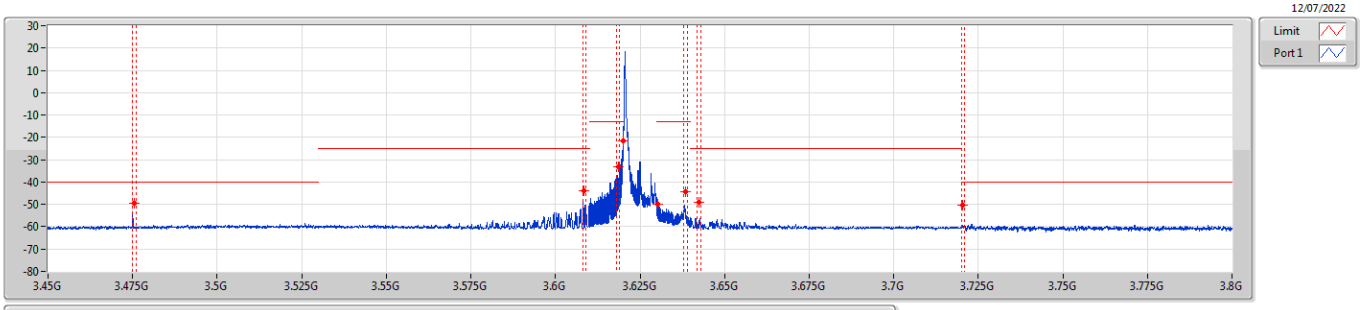
3625MHz_64QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.31	-40.00	-9.31	MBW 1M	-
3.53G	3.61G	100k	300k	RMS	3.6095G	-44.38	-25.00	-19.38	MBW 1M	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-25.54	-13.00	-12.54	MBW 1M	-
3.619G	3.62G	100k	300k	RMS	3.61999G	-32.02	-13.00	-19.02	-	-
3.63G	3.631G	100k	300k	RMS	3.63004G	-30.70	-13.00	-17.70	-	-
3.631G	3.64G	100k	300k	RMS	3.6315G	-25.96	-13.00	-12.96	MBW 1M	-
3.64G	3.72G	100k	300k	RMS	3.6405G	-43.59	-25.00	-18.59	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7455G	-50.54	-40.00	-10.54	MBW 1M	-

Band 48_LTE_10MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

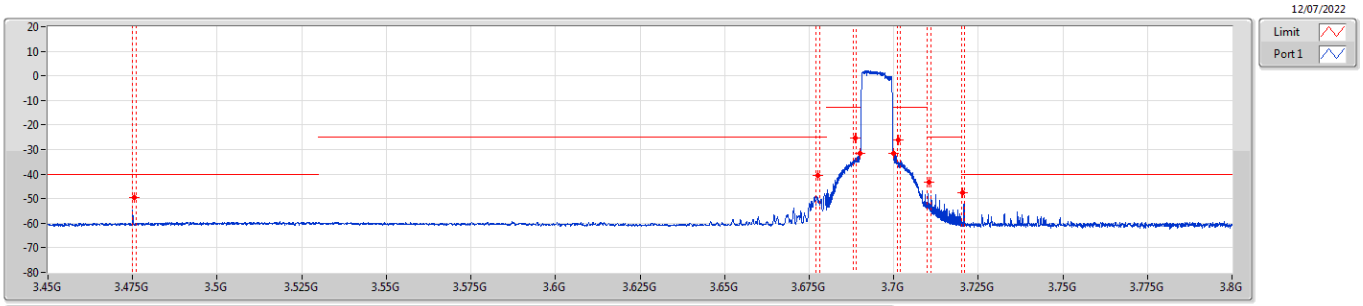
3625MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.52	-40.00	-9.52	MBW 1M	-
3.53G	3.61G	100k	300k	RMS	3.6085G	-43.85	-25.00	-18.85	MBW 1M	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-33.09	-13.00	-20.09	MBW 1M	-
3.619G	3.62G	100k	300k	RMS	3.62G	-21.43	-13.00	-8.43	-	-
3.63G	3.631G	100k	300k	RMS	3.63015G	-50.12	-13.00	-37.12	-	-
3.631G	3.64G	100k	300k	RMS	3.6385G	-44.36	-13.00	-31.36	MBW 1M	-
3.64G	3.72G	100k	300k	RMS	3.6425G	-48.95	-25.00	-23.95	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7205G	-50.41	-40.00	-10.41	MBW 1M	-

Band 48_LTE_10MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

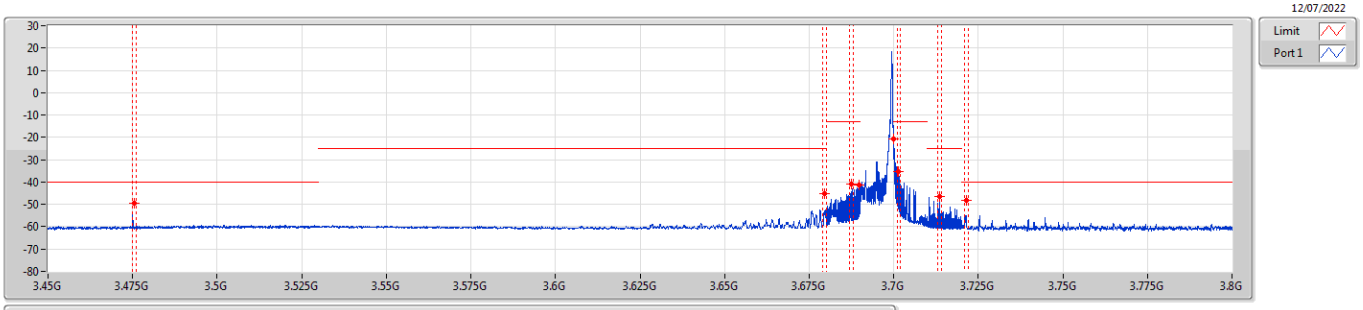
3695MHz_64QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.62	-40.00	-9.62	MBW 1M	-
3.53G	3.68G	100k	300k	RMS	3.6775G	-40.71	-25.00	-15.71	MBW 1M	-
3.68G	3.689G	100k	300k	RMS	3.6885G	-25.19	-13.00	-12.19	MBW 1M	-
3.689G	3.69G	100k	300k	RMS	3.69G	-31.75	-13.00	-18.75	-	-
3.7G	3.701G	100k	300k	RMS	3.70003G	-31.45	-13.00	-18.45	-	-
3.701G	3.71G	100k	300k	RMS	3.7015G	-26.00	-13.00	-13.00	MBW 1M	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-43.28	-25.00	-18.28	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7205G	-47.44	-40.00	-7.44	MBW 1M	-

Band 48_LTE_10MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

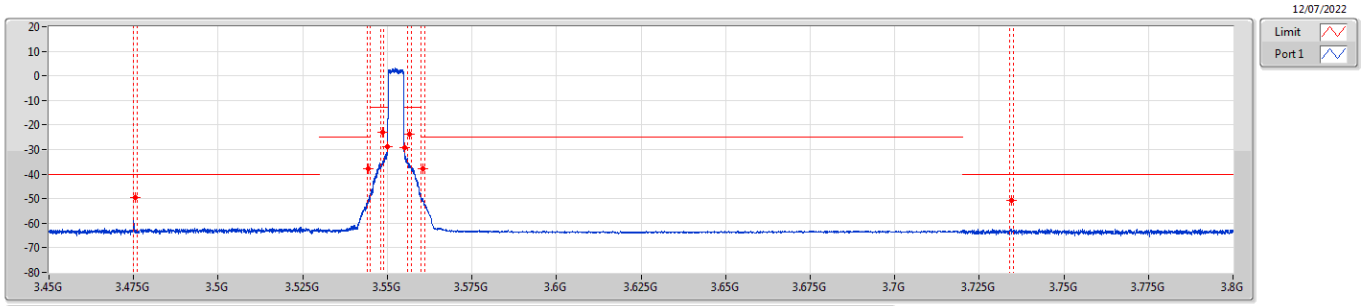
3695MHz_64QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	100k	300k	RMS	3.4755G	-49.68	-40.00	-9.68	MBW 1M	-
3.53G	3.68G	100k	300k	RMS	3.6795G	-45.13	-25.00	-20.13	MBW 1M	-
3.68G	3.689G	100k	300k	RMS	3.6875G	-40.81	-13.00	-27.81	MBW 1M	-
3.689G	3.69G	100k	300k	RMS	3.68974G	-41.18	-13.00	-28.18	-	-
3.7G	3.701G	100k	300k	RMS	3.7G	-20.85	-13.00	-7.85	-	-
3.701G	3.71G	100k	300k	RMS	3.7015G	-35.34	-13.00	-22.34	MBW 1M	-
3.71G	3.72G	100k	300k	RMS	3.7135G	-46.62	-25.00	-21.62	MBW 1M	-
3.72G	3.8G	100k	300k	RMS	3.7215G	-48.14	-40.00	-8.14	MBW 1M	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

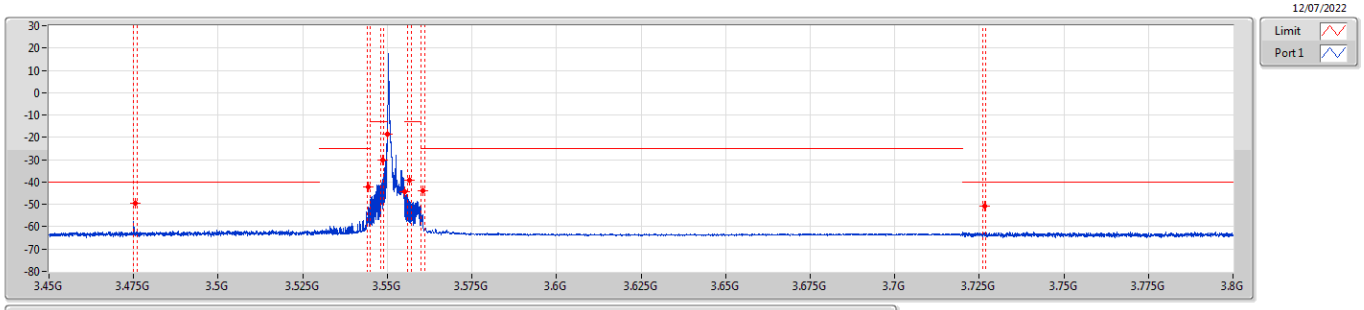
3552.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.68	-40.00	-9.68	MBW 1M	-
3.53G	3.545G	50k	200k	RMS	3.5445G	-37.71	-25.00	-12.71	MBW 1M	-
3.545G	3.549G	50k	200k	RMS	3.5485G	-22.94	-13.00	-9.94	MBW 1M	-
3.549G	3.55G	50k	200k	RMS	3.54999G	-28.79	-13.00	-15.79	-	-
3.555G	3.556G	50k	200k	RMS	3.55501G	-29.41	-13.00	-16.41	-	-
3.556G	3.56G	50k	200k	RMS	3.5565G	-23.74	-13.00	-10.74	MBW 1M	-
3.56G	3.72G	50k	200k	RMS	3.5605G	-37.84	-25.00	-12.84	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7345G	-50.61	-40.00	-10.61	MBW 1M	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

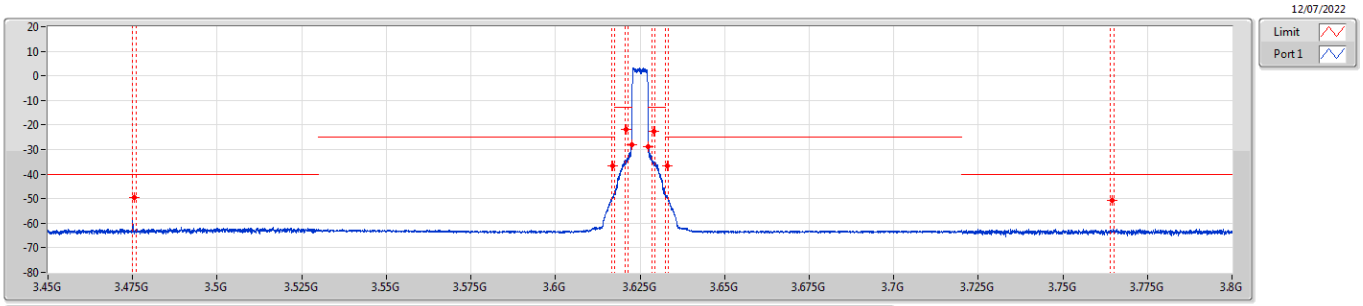
3552.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.50	-40.00	-9.50	MBW 1M	-
3.53G	3.545G	50k	200k	RMS	3.5445G	-42.37	-25.00	-17.37	MBW 1M	-
3.545G	3.549G	50k	200k	RMS	3.5485G	-30.36	-13.00	-17.36	MBW 1M	-
3.549G	3.55G	50k	200k	RMS	3.55G	-18.65	-13.00	-5.65	-	-
3.555G	3.556G	50k	200k	RMS	3.555G	-44.13	-13.00	-31.13	-	-
3.556G	3.56G	50k	200k	RMS	3.5565G	-39.18	-13.00	-26.18	MBW 1M	-
3.56G	3.72G	50k	200k	RMS	3.5605G	-43.97	-25.00	-18.97	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7265G	-50.61	-40.00	-10.61	MBW 1M	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

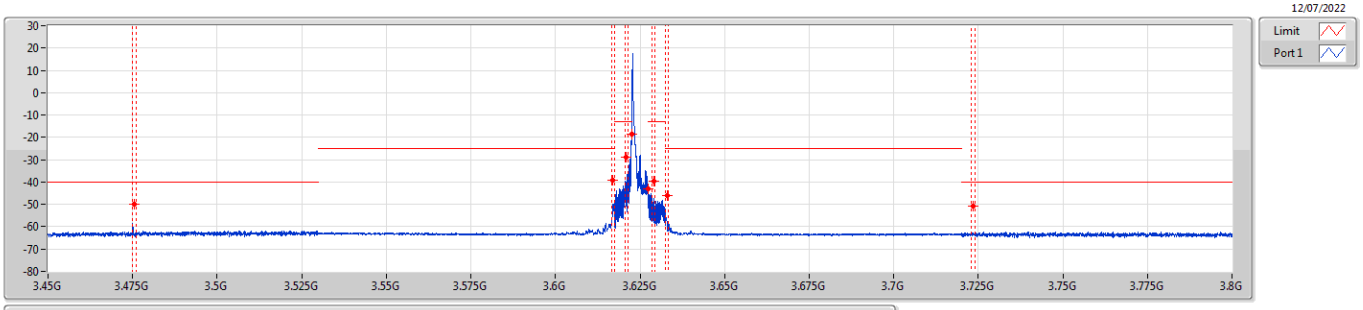
3625MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.66	-40.00	-9.66	MBW 1M	-
3.53G	3.6175G	50k	200k	RMS	3.617G	-36.47	-25.00	-11.47	MBW 1M	-
3.6175G	3.6215G	50k	200k	RMS	3.621G	-21.96	-13.00	-8.96	MBW 1M	-
3.6215G	3.6225G	50k	200k	RMS	3.6225G	-28.14	-13.00	-15.14	-	-
3.6275G	3.6285G	50k	200k	RMS	3.62752G	-28.75	-13.00	-15.75	-	-
3.6285G	3.6325G	50k	200k	RMS	3.629G	-22.42	-13.00	-9.42	MBW 1M	-
3.6325G	3.72G	50k	200k	RMS	3.633G	-36.70	-25.00	-11.70	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7645G	-50.53	-40.00	-10.53	MBW 1M	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

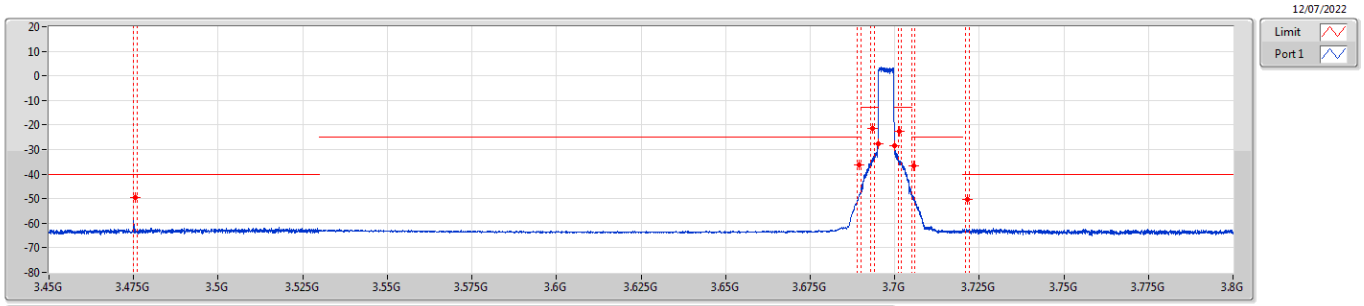
3625MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.77	-40.00	-9.77	MBW 1M	-
3.53G	3.6175G	50k	200k	RMS	3.617G	-39.27	-25.00	-14.27	MBW 1M	-
3.6175G	3.6215G	50k	200k	RMS	3.621G	-29.03	-13.00	-16.03	MBW 1M	-
3.6215G	3.6225G	50k	200k	RMS	3.62249G	-18.53	-13.00	-5.53	-	-
3.6275G	3.6285G	50k	200k	RMS	3.6275G	-42.87	-13.00	-29.87	-	-
3.6285G	3.6325G	50k	200k	RMS	3.629G	-39.52	-13.00	-26.52	MBW 1M	-
3.6325G	3.72G	50k	200k	RMS	3.633G	-45.89	-25.00	-20.89	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7235G	-50.59	-40.00	-10.59	MBW 1M	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

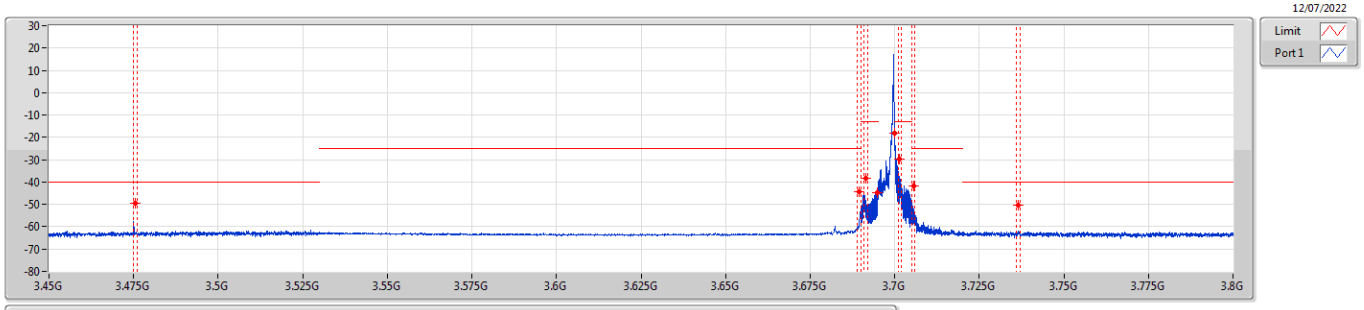
3697.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.69	-40.00	-9.69	MBW 1M	-
3.53G	3.69G	50k	200k	RMS	3.6895G	-36.09	-25.00	-11.09	MBW 1M	-
3.69G	3.694G	50k	200k	RMS	3.6935G	-21.50	-13.00	-8.50	MBW 1M	-
3.694G	3.695G	50k	200k	RMS	3.695G	-27.56	-13.00	-14.56	-	-
3.7G	3.701G	50k	200k	RMS	3.7G	-28.26	-13.00	-15.26	-	-
3.701G	3.705G	50k	200k	RMS	3.7015G	-22.40	-13.00	-9.40	MBW 1M	-
3.705G	3.72G	50k	200k	RMS	3.7055G	-36.75	-25.00	-11.75	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7215G	-50.36	-40.00	-10.36	MBW 1M	-

Band 48_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

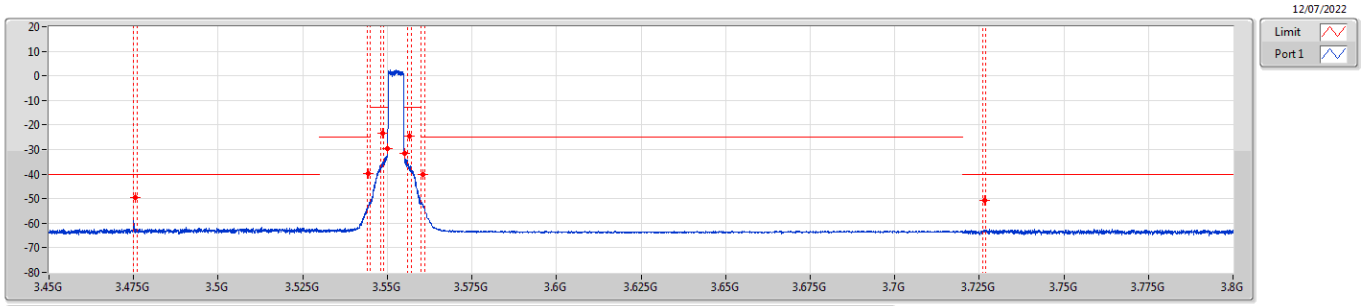
3697.5MHz_QPSK_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.48	-40.00	-9.48	MBW 1M	-
3.53G	3.69G	50k	200k	RMS	3.6895G	-44.24	-25.00	-19.24	MBW 1M	-
3.69G	3.694G	50k	200k	RMS	3.6915G	-38.22	-13.00	-25.22	MBW 1M	-
3.694G	3.695G	50k	200k	RMS	3.69497G	-44.77	-13.00	-31.77	-	-
3.7G	3.701G	50k	200k	RMS	3.70001G	-18.00	-13.00	-5.00	-	-
3.701G	3.705G	50k	200k	RMS	3.7015G	-29.83	-13.00	-16.83	MBW 1M	-
3.705G	3.72G	50k	200k	RMS	3.7055G	-41.70	-25.00	-16.70	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7365G	-50.25	-40.00	-10.25	MBW 1M	-

Band 48_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

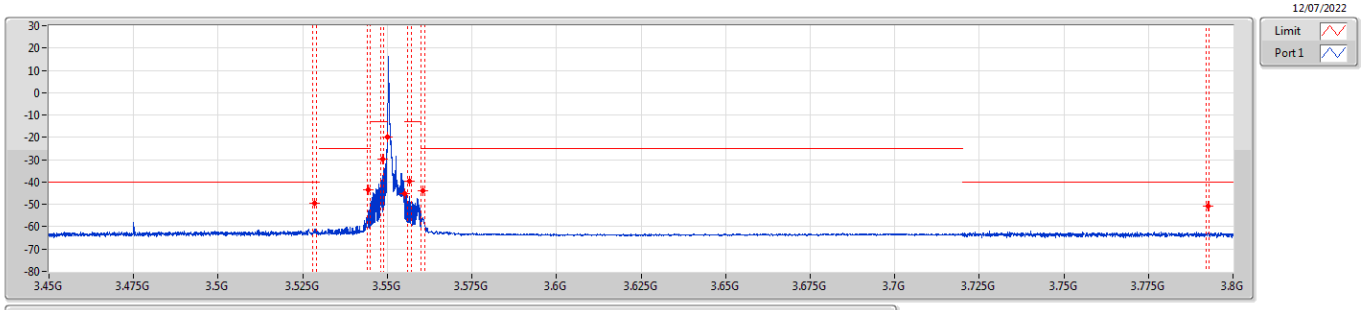
3552.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.49	-40.00	-9.49	MBW 1M	-
3.53G	3.545G	50k	200k	RMS	3.5445G	-39.76	-25.00	-14.76	MBW 1M	-
3.545G	3.549G	50k	200k	RMS	3.5485G	-23.46	-13.00	-10.46	MBW 1M	-
3.549G	3.55G	50k	200k	RMS	3.54998G	-29.64	-13.00	-16.64	-	-
3.555G	3.556G	50k	200k	RMS	3.55501G	-31.46	-13.00	-18.46	-	-
3.556G	3.56G	50k	200k	RMS	3.5565G	-24.47	-13.00	-11.47	MBW 1M	-
3.56G	3.72G	50k	200k	RMS	3.5605G	-40.00	-25.00	-15.00	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7265G	-50.56	-40.00	-10.56	MBW 1M	-

Band 48_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

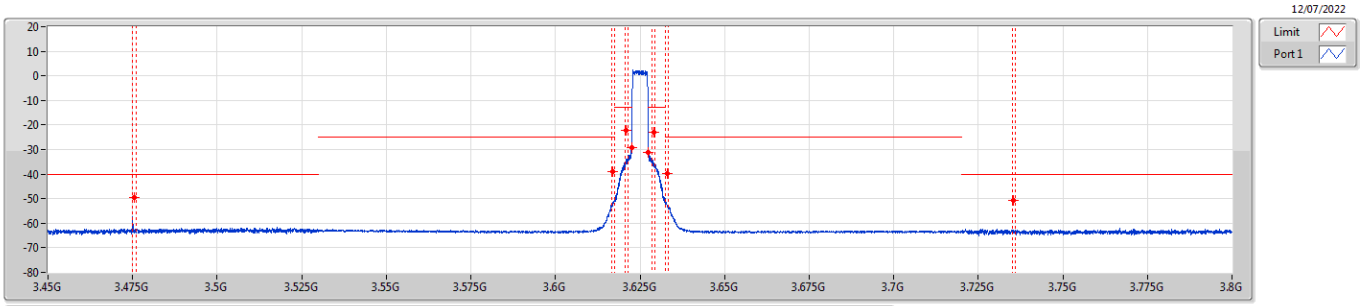
3552.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.5285G	-49.40	-40.00	-9.40	MBW 1M	-
3.53G	3.545G	50k	200k	RMS	3.5445G	-43.27	-25.00	-18.27	MBW 1M	-
3.545G	3.549G	50k	200k	RMS	3.5485G	-29.85	-13.00	-16.85	MBW 1M	-
3.549G	3.55G	50k	200k	RMS	3.55G	-19.90	-13.00	-6.90	-	-
3.555G	3.556G	50k	200k	RMS	3.55516G	-45.02	-13.00	-32.02	-	-
3.556G	3.56G	50k	200k	RMS	3.5565G	-39.53	-13.00	-26.53	MBW 1M	-
3.56G	3.72G	50k	200k	RMS	3.5605G	-43.92	-25.00	-18.92	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7925G	-50.58	-40.00	-10.58	MBW 1M	-

Band 48_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

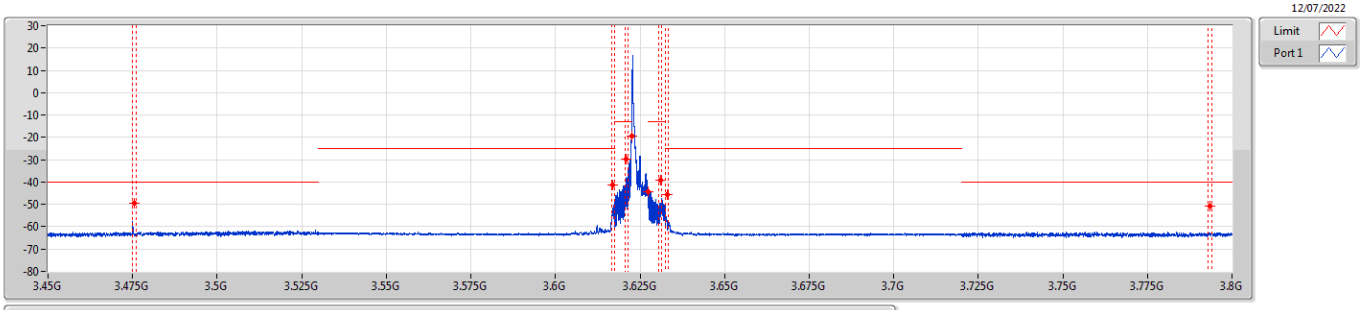
3625MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.44	-40.00	-9.44	MBW 1M	-
3.53G	3.6175G	50k	200k	RMS	3.617G	-39.05	-25.00	-14.05	MBW 1M	-
3.6175G	3.6215G	50k	200k	RMS	3.621G	-22.33	-13.00	-9.33	MBW 1M	-
3.6215G	3.6225G	50k	200k	RMS	3.6225G	-29.13	-13.00	-16.13	-	-
3.6275G	3.6285G	50k	200k	RMS	3.6275G	-31.03	-13.00	-18.03	-	-
3.6285G	3.6325G	50k	200k	RMS	3.629G	-23.04	-13.00	-10.04	MBW 1M	-
3.6325G	3.72G	50k	200k	RMS	3.633G	-39.82	-25.00	-14.82	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7355G	-50.63	-40.00	-10.63	MBW 1M	-

Band 48_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

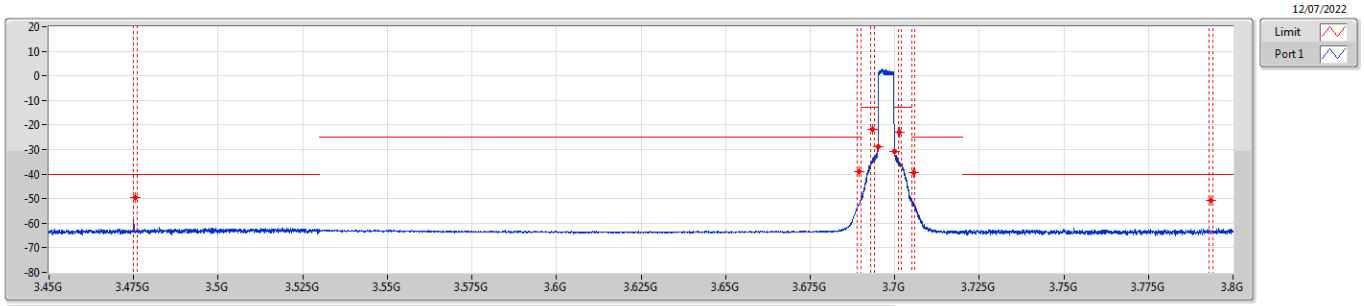
3625MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.60	-40.00	-9.60	MBW 1M	-
3.53G	3.6175G	50k	200k	RMS	3.617G	-41.21	-25.00	-16.21	MBW 1M	-
3.6175G	3.6215G	50k	200k	RMS	3.621G	-29.64	-13.00	-16.64	MBW 1M	-
3.6215G	3.6225G	50k	200k	RMS	3.6225G	-19.25	-13.00	-6.25	-	-
3.6275G	3.6285G	50k	200k	RMS	3.62751G	-44.13	-13.00	-31.13	-	-
3.6285G	3.6325G	50k	200k	RMS	3.631G	-39.26	-13.00	-26.26	MBW 1M	-
3.6325G	3.72G	50k	200k	RMS	3.633G	-45.50	-25.00	-20.50	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7935G	-50.62	-40.00	-10.62	MBW 1M	-

Band 48_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

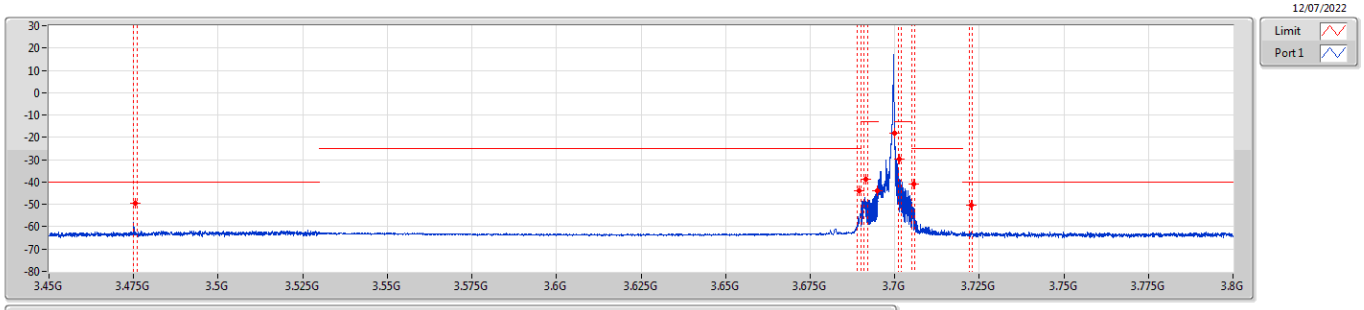
3697.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.53	-40.00	-9.53	MBW 1M	-
3.53G	3.69G	50k	200k	RMS	3.6895G	-39.15	-25.00	-14.15	MBW 1M	-
3.69G	3.694G	50k	200k	RMS	3.6935G	-21.71	-13.00	-8.71	MBW 1M	-
3.694G	3.695G	50k	200k	RMS	3.695G	-29.02	-13.00	-16.02	-	-
3.7G	3.701G	50k	200k	RMS	3.7G	-30.64	-13.00	-17.64	-	-
3.701G	3.705G	50k	200k	RMS	3.7015G	-23.08	-13.00	-10.08	MBW 1M	-
3.705G	3.72G	50k	200k	RMS	3.7055G	-39.45	-25.00	-14.45	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7935G	-50.57	-40.00	-10.57	MBW 1M	-

Band 48_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

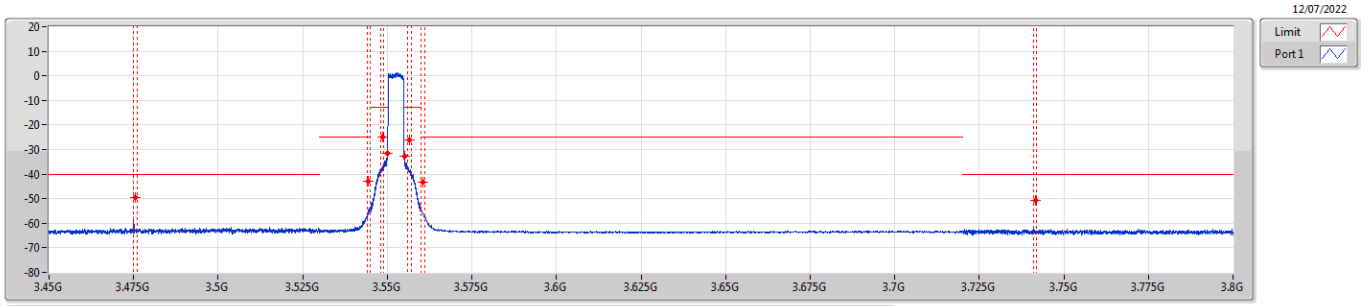
3697.5MHz_16QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.53	-40.00	-9.53	MBW 1M	-
3.53G	3.69G	50k	200k	RMS	3.6895G	-43.97	-25.00	-18.97	MBW 1M	-
3.69G	3.694G	50k	200k	RMS	3.6915G	-38.72	-13.00	-25.72	MBW 1M	-
3.694G	3.695G	50k	200k	RMS	3.69491G	-44.11	-13.00	-31.11	-	-
3.7G	3.701G	50k	200k	RMS	3.7G	-18.27	-13.00	-5.27	-	-
3.701G	3.705G	50k	200k	RMS	3.7015G	-29.80	-13.00	-16.80	MBW 1M	-
3.705G	3.72G	50k	200k	RMS	3.7055G	-41.11	-25.00	-16.11	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7225G	-50.47	-40.00	-10.47	MBW 1M	-

Band 48_LTE_5MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

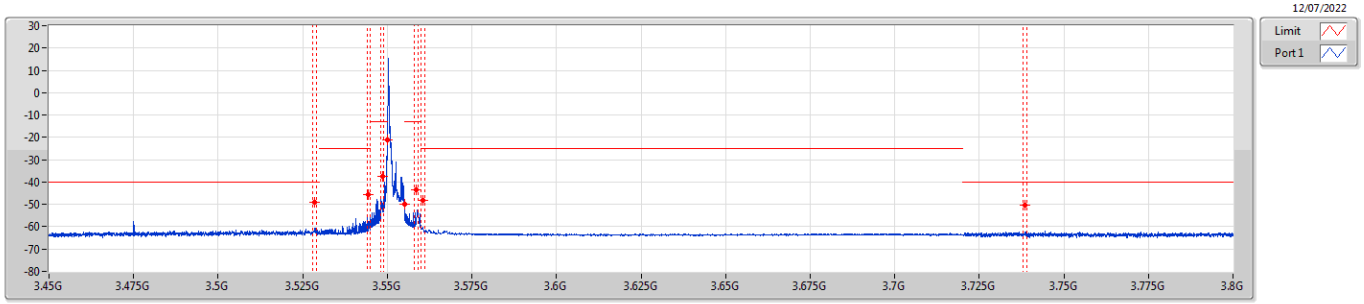
3552.5MHz_64QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.61	-40.00	-9.61	MBW 1M	-
3.53G	3.545G	50k	200k	RMS	3.5445G	-42.71	-25.00	-17.71	MBW 1M	-
3.545G	3.549G	50k	200k	RMS	3.5485G	-25.08	-13.00	-12.08	MBW 1M	-
3.549G	3.55G	50k	200k	RMS	3.55G	-31.59	-13.00	-18.59	-	-
3.555G	3.556G	50k	200k	RMS	3.55501G	-32.71	-13.00	-19.71	-	-
3.556G	3.56G	50k	200k	RMS	3.5565G	-25.92	-13.00	-12.92	MBW 1M	-
3.56G	3.72G	50k	200k	RMS	3.5605G	-43.13	-25.00	-18.13	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7415G	-50.61	-40.00	-10.61	MBW 1M	-

Band 48_LTE_5MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

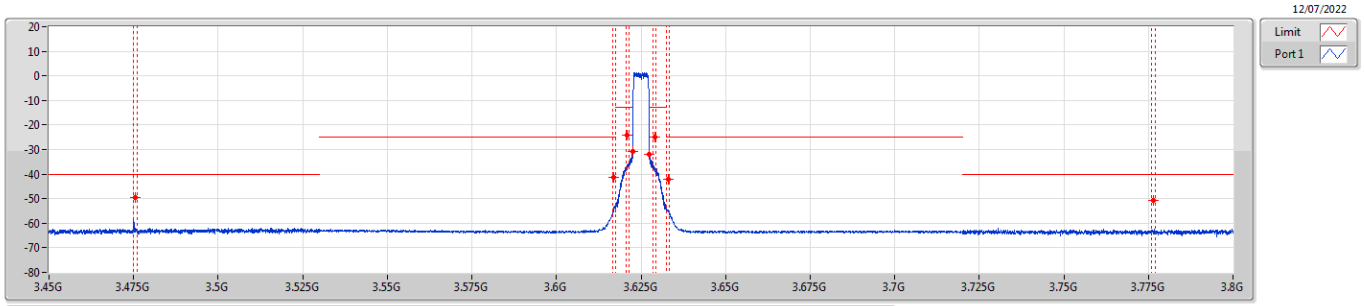
3552.5MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.5285G	-49.14	-40.00	-9.14	MBW 1M	-
3.53G	3.545G	50k	200k	RMS	3.5445G	-45.76	-25.00	-20.76	MBW 1M	-
3.545G	3.549G	50k	200k	RMS	3.5485G	-37.56	-13.00	-24.56	MBW 1M	-
3.549G	3.55G	50k	200k	RMS	3.55G	-21.32	-13.00	-8.32	-	-
3.555G	3.556G	50k	200k	RMS	3.555G	-50.00	-13.00	-37.00	-	-
3.556G	3.56G	50k	200k	RMS	3.5585G	-43.36	-13.00	-30.36	MBW 1M	-
3.56G	3.72G	50k	200k	RMS	3.5605G	-48.23	-25.00	-23.23	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7385G	-50.53	-40.00	-10.53	MBW 1M	-

Band 48_LTE_5MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

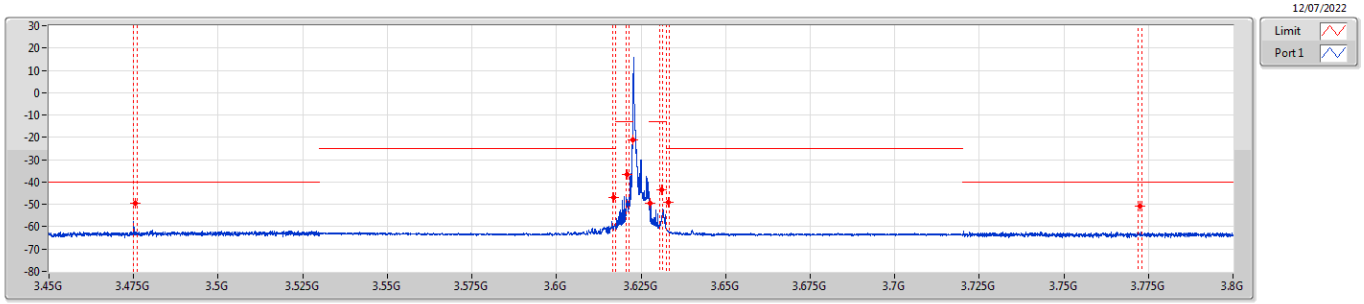
3625MHz_64QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.38	-40.00	-9.38	MBW 1M	-
3.53G	3.6175G	50k	200k	RMS	3.617G	-41.48	-25.00	-16.48	MBW 1M	-
3.6175G	3.6215G	50k	200k	RMS	3.621G	-24.07	-13.00	-11.07	MBW 1M	-
3.6215G	3.6225G	50k	200k	RMS	3.6225G	-30.59	-13.00	-17.59	-	-
3.6275G	3.6285G	50k	200k	RMS	3.6275G	-31.97	-13.00	-18.97	-	-
3.6285G	3.6325G	50k	200k	RMS	3.629G	-24.89	-13.00	-11.89	MBW 1M	-
3.6325G	3.72G	50k	200k	RMS	3.633G	-42.27	-25.00	-17.27	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7765G	-50.64	-40.00	-10.64	MBW 1M	-

Band 48_LTE_5MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

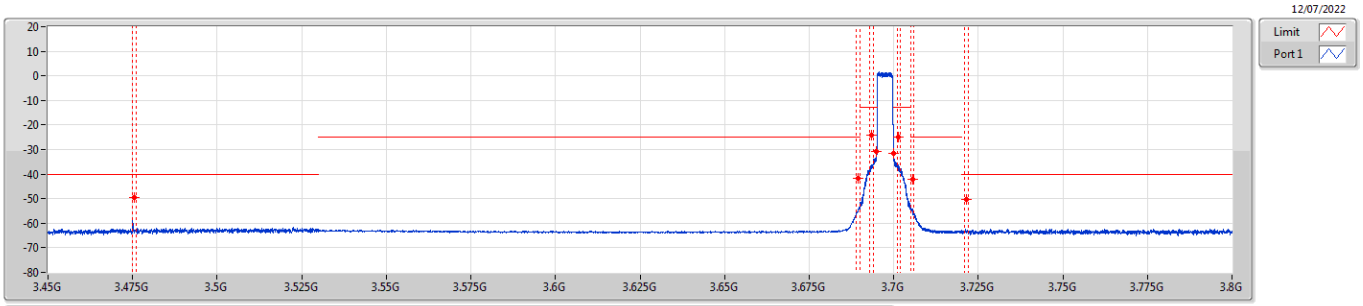
3625MHz_64QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.52	-40.00	-9.52	MBW 1M	-
3.53G	3.6175G	50k	200k	RMS	3.617G	-47.02	-25.00	-22.02	MBW 1M	-
3.6175G	3.6215G	50k	200k	RMS	3.621G	-36.73	-13.00	-23.73	MBW 1M	-
3.6215G	3.6225G	50k	200k	RMS	3.62248G	-21.30	-13.00	-8.30	-	-
3.6275G	3.6285G	50k	200k	RMS	3.62764G	-49.45	-13.00	-36.45	-	-
3.6285G	3.6325G	50k	200k	RMS	3.631G	-43.35	-13.00	-30.35	MBW 1M	-
3.6325G	3.72G	50k	200k	RMS	3.633G	-49.15	-25.00	-24.15	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7725G	-50.59	-40.00	-10.59	MBW 1M	-

Band 48_LTE_5MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

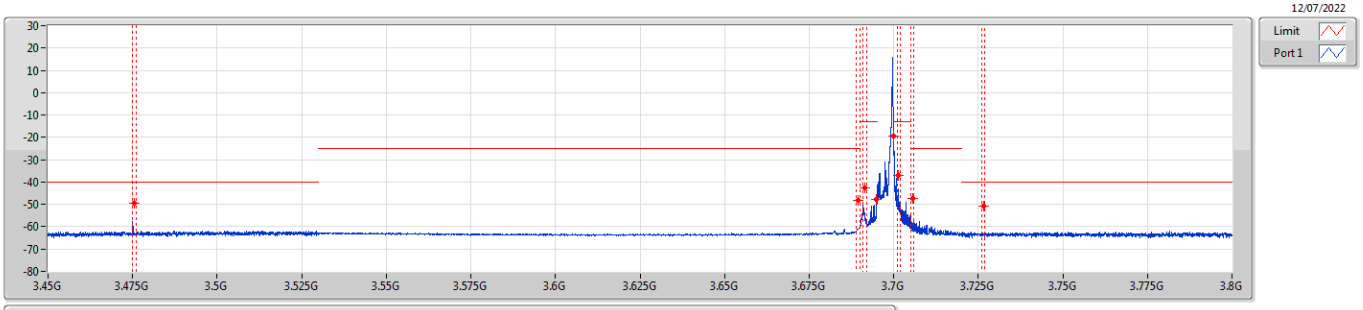
3697.5MHz_64QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.54	-40.00	-9.54	MBW 1M	-
3.53G	3.69G	50k	200k	RMS	3.6895G	-41.79	-25.00	-16.79	MBW 1M	-
3.69G	3.694G	50k	200k	RMS	3.6935G	-23.98	-13.00	-10.98	MBW 1M	-
3.694G	3.695G	50k	200k	RMS	3.69499G	-30.63	-13.00	-17.63	-	-
3.7G	3.701G	50k	200k	RMS	3.70001G	-31.65	-13.00	-18.65	-	-
3.701G	3.705G	50k	200k	RMS	3.7015G	-24.86	-13.00	-11.86	MBW 1M	-
3.705G	3.72G	50k	200k	RMS	3.7055G	-42.21	-25.00	-17.21	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7215G	-50.48	-40.00	-10.48	MBW 1M	-

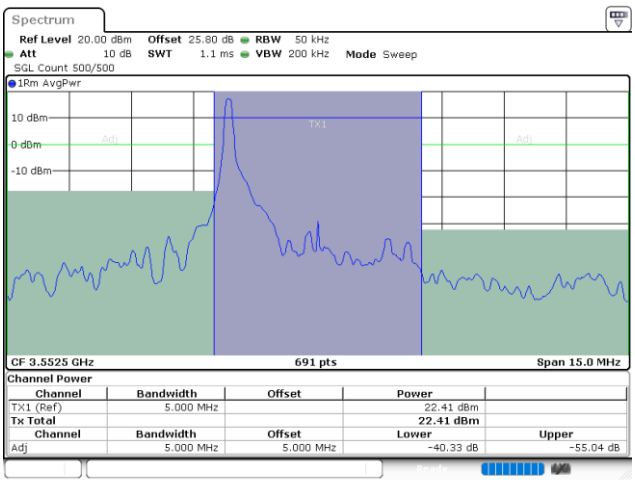
Band 48_LTE_5MHz_Nss1,64QAMCS_1TX **CSE-TX-Sum**

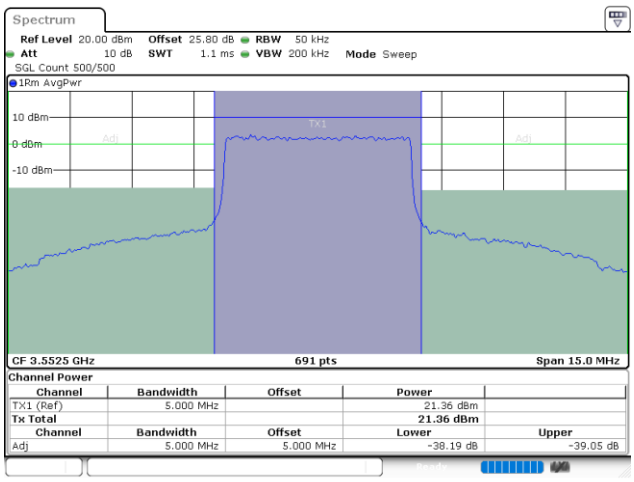
3697.5MHz_64QAM_RB 1,#RB 24



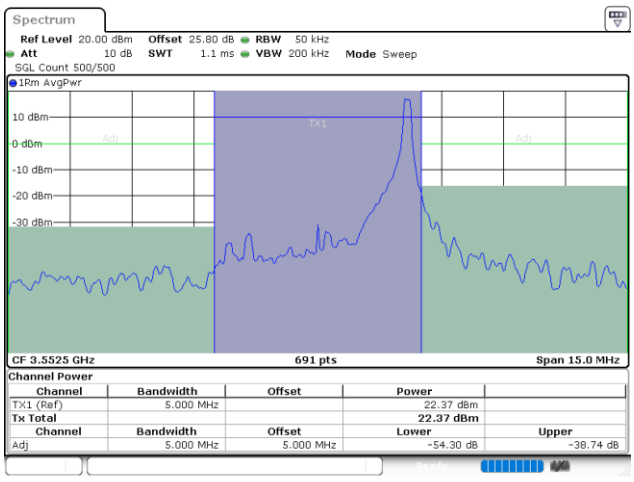
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
3.45G	3.53G	50k	200k	RMS	3.4755G	-49.51	-40.00	-9.51	MBW 1M	-
3.53G	3.69G	50k	200k	RMS	3.6895G	-48.18	-25.00	-23.18	MBW 1M	-
3.69G	3.694G	50k	200k	RMS	3.6915G	-42.44	-13.00	-29.44	MBW 1M	-
3.694G	3.695G	50k	200k	RMS	3.69496G	-47.71	-13.00	-34.71	-	-
3.7G	3.701G	50k	200k	RMS	3.7G	-19.47	-13.00	-6.47	-	-
3.701G	3.705G	50k	200k	RMS	3.7015G	-37.14	-13.00	-24.14	MBW 1M	-
3.705G	3.72G	50k	200k	RMS	3.7055G	-47.22	-25.00	-22.22	MBW 1M	-
3.72G	3.8G	50k	200k	RMS	3.7265G	-50.57	-40.00	-10.57	MBW 1M	-

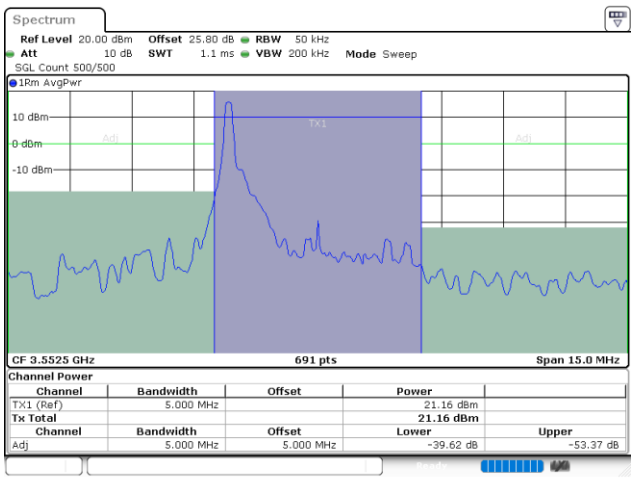
Low Ch.	3552.5MHz, QPSK, CB: 5MHz	Mid. Ch.	3552.5MHz, QPSK, CB: 5MHz



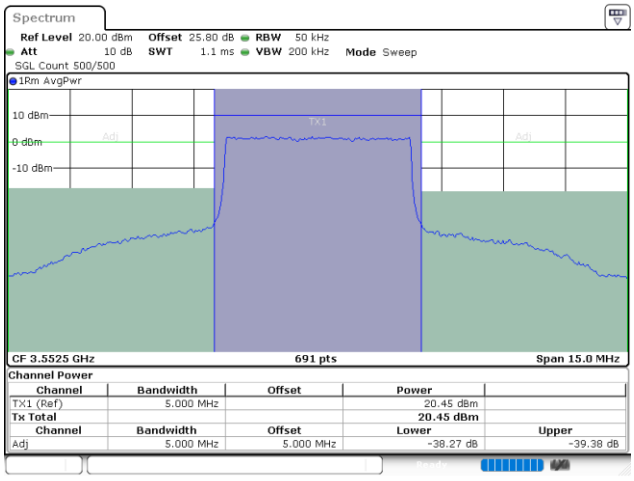


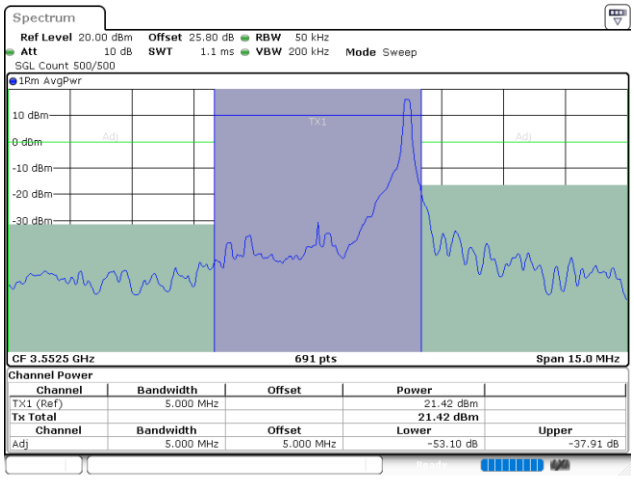
High Ch.	3552.5MHz, QPSK, CB: 5MHz	Low Ch.	3552.5MHz, 16QAM, CB: 5MHz



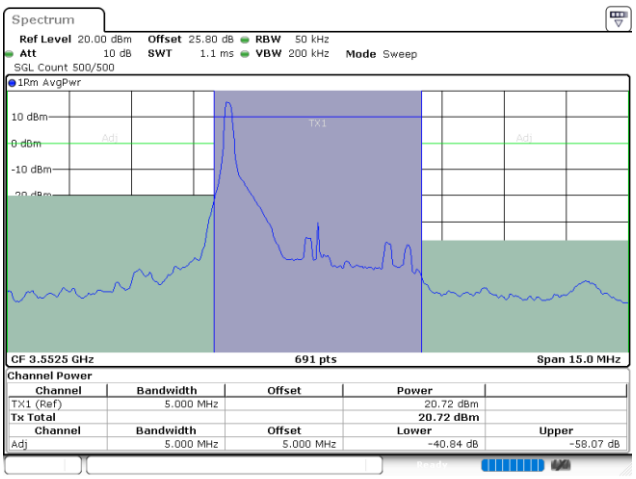


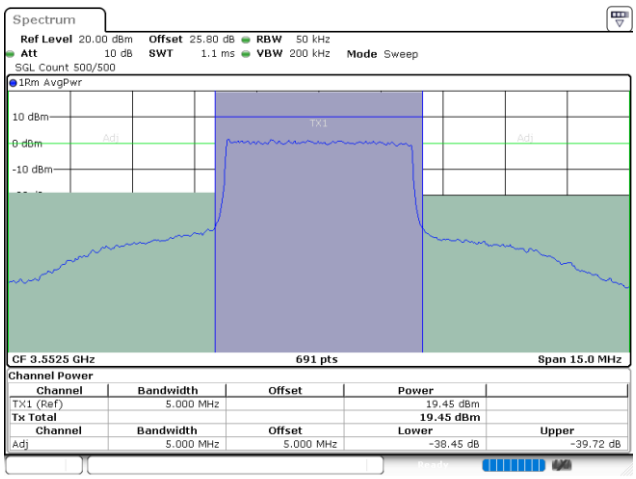
Mid. Ch.	3552.5MHz, 16QAM, CB: 5MHz	High Ch.	3552.5MHz, 16QAM, CB: 5MHz



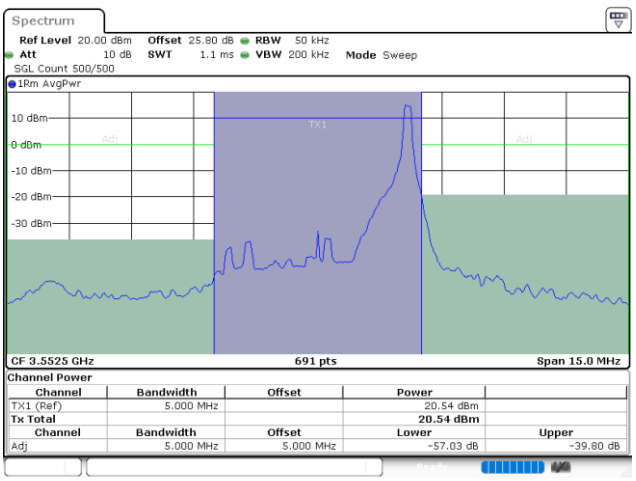


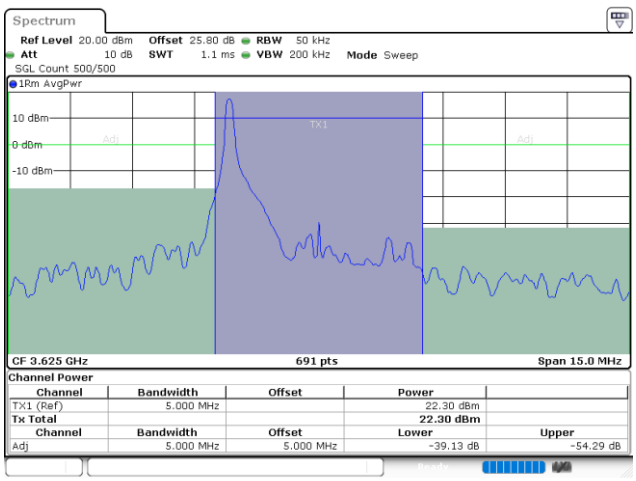
Low Ch.	3552.5MHz, 64QAM, CB: 5MHz	Mid. Ch.	3552.5MHz, 64QAM, CB: 5MHz



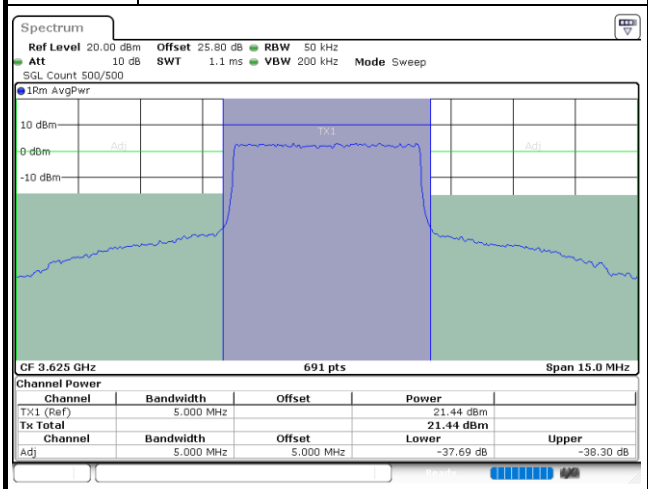


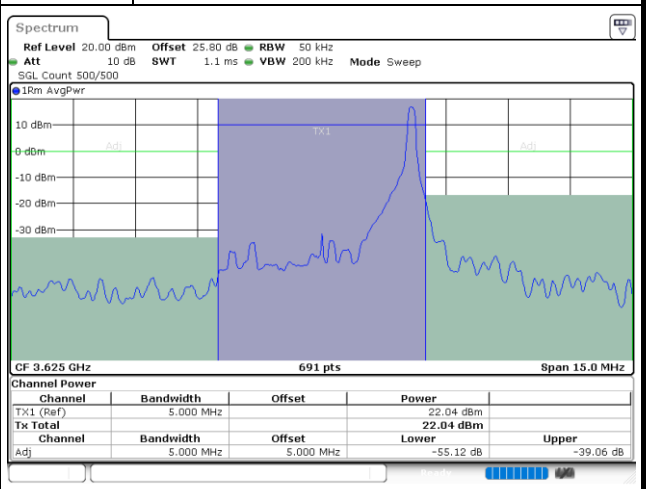
High Ch.	3552.5MHz, 64QAM, CB: 5MHz	Low Ch.	3625MHz, QPSK, CB: 5MHz



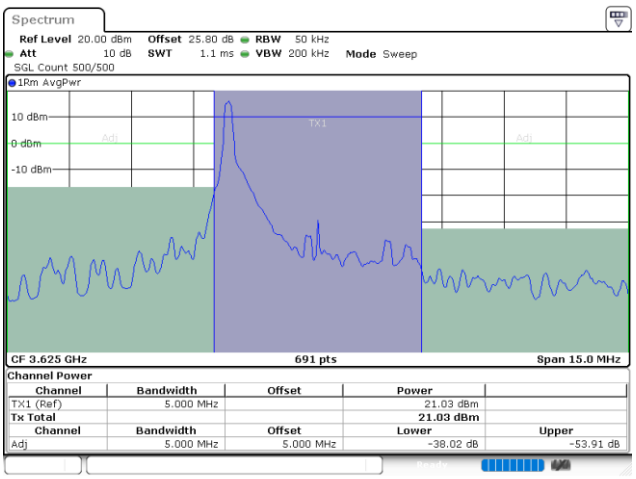


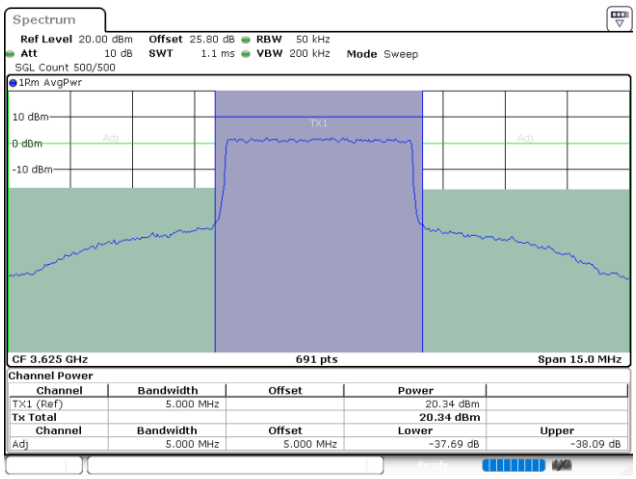
Mid. Ch.	3625MHz, QPSK, CB: 5MHz	High Ch.	3625MHz, QPSK, CB: 5MHz



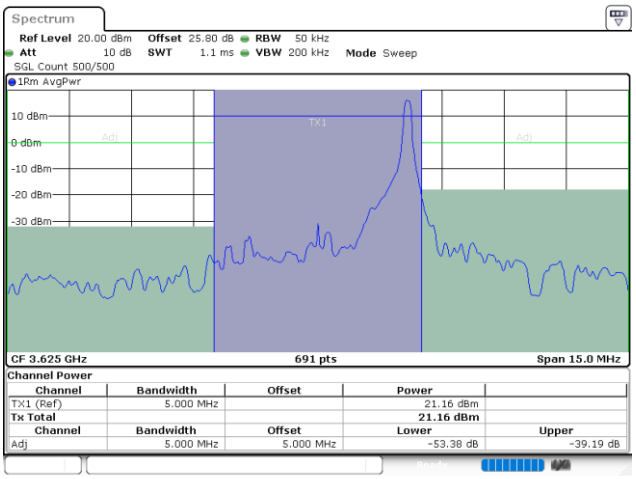


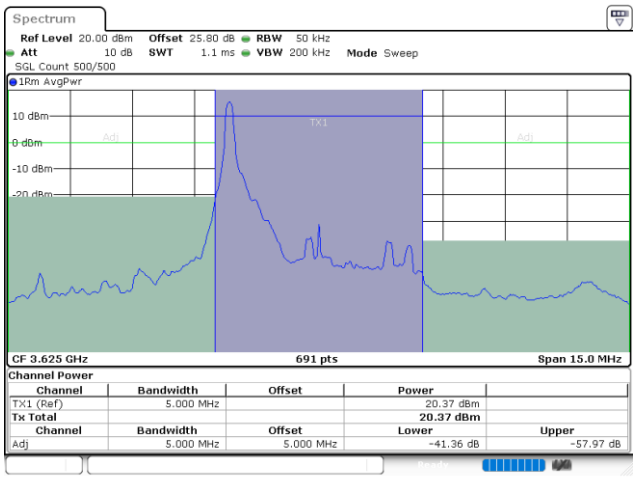
Low Ch.	3625MHz, 16QAM, CB: 5MHz	Mid. Ch.	3625MHz, 16QAM, CB: 5MHz



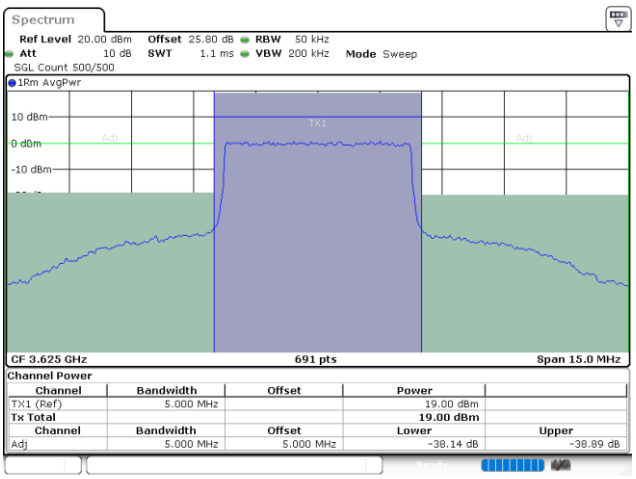


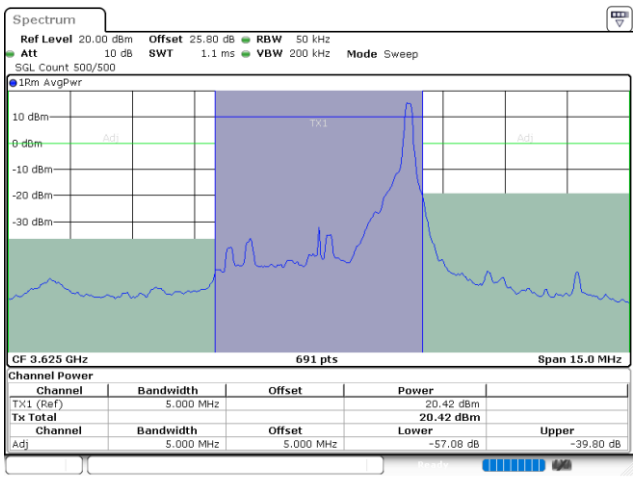
High Ch.	3625MHz, 16QAM, CB: 5MHz	Low Ch.	3625MHz, 64QAM, CB: 5MHz



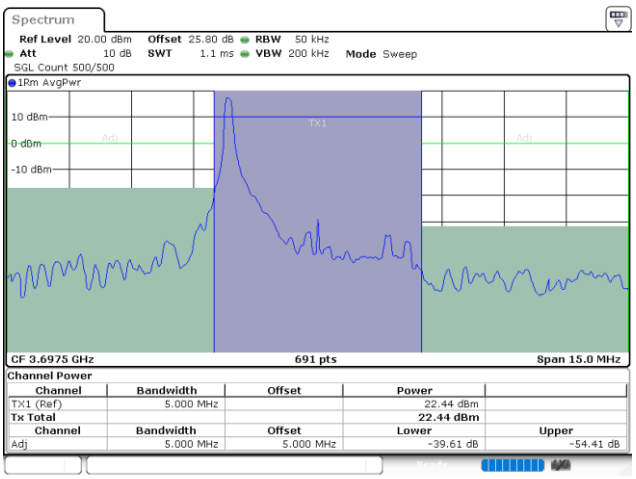


Mid. Ch.	3625MHz, 64QAM, CB: 5MHz	High Ch.	3625MHz, 64QAM, CB: 5MHz

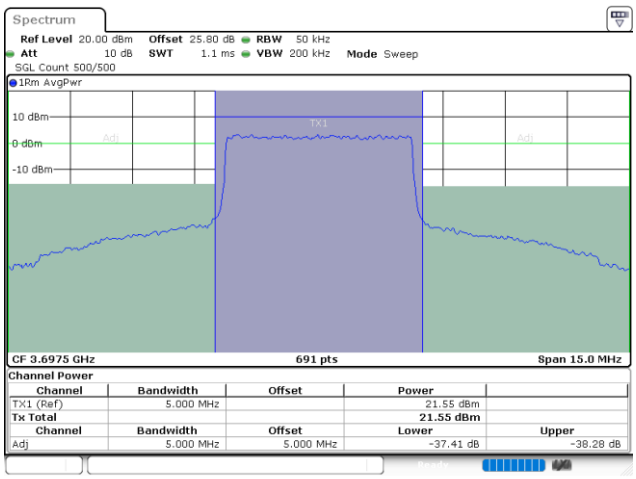




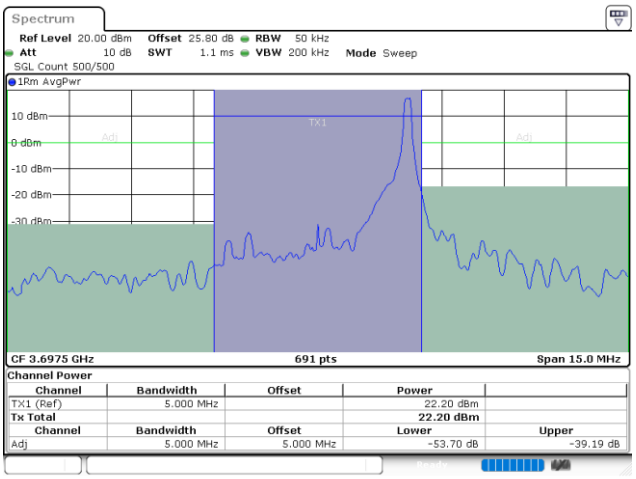
Low Ch.	3697.5MHz, QPSK, CB: 5MHz



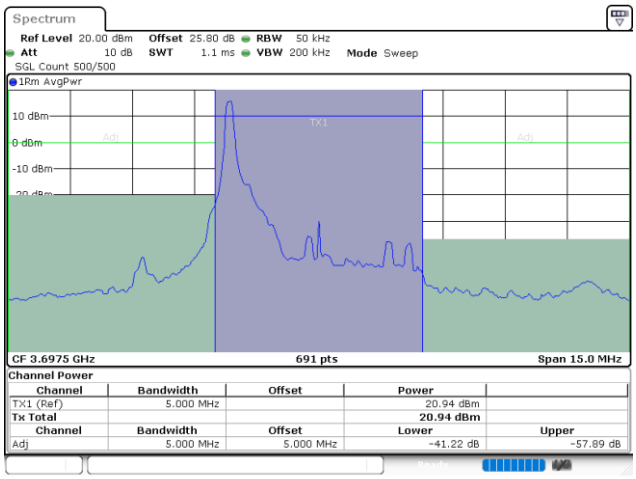
Mid. Ch.	3697.5MHz, QPSK, CB: 5MHz



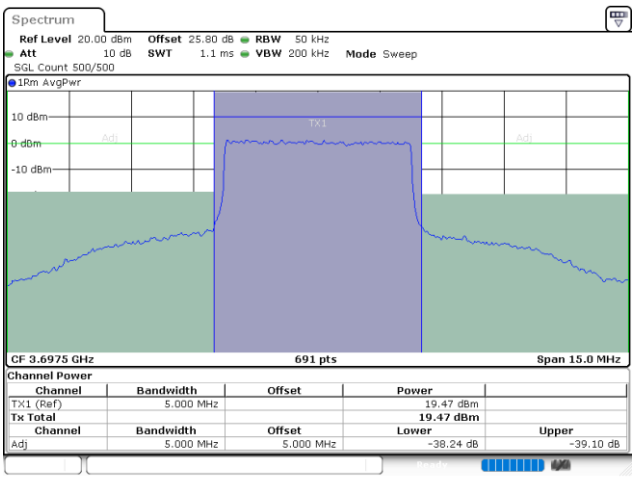
High Ch.	3697.5MHz, QPSK, CB: 5MHz



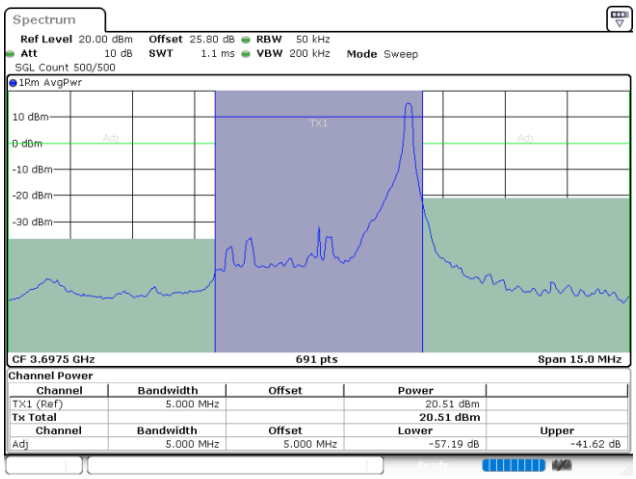
Low Ch.	3697.5MHz,16QAM, CB: 5MHz



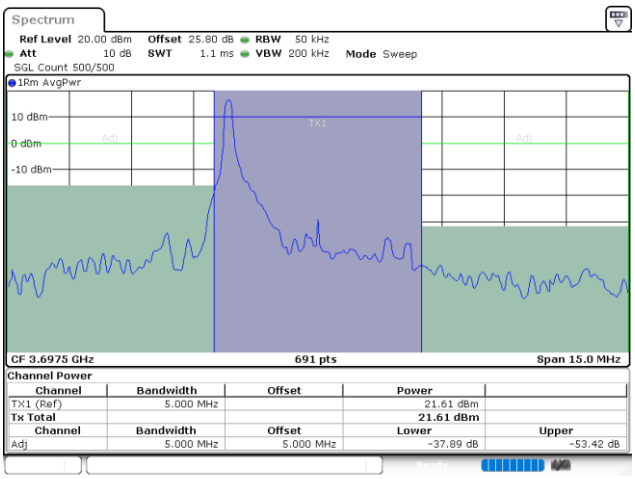
Mid. Ch.	3697.5MHz,16QAM, CB: 5MHz

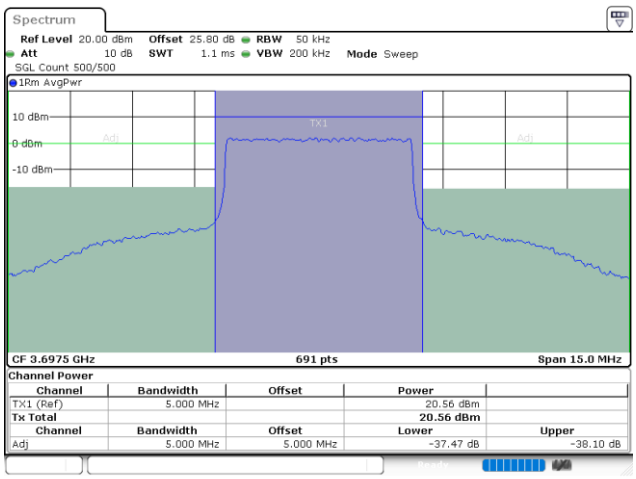


High Ch.	3697.5MHz,16QAM, CB: 5MHz

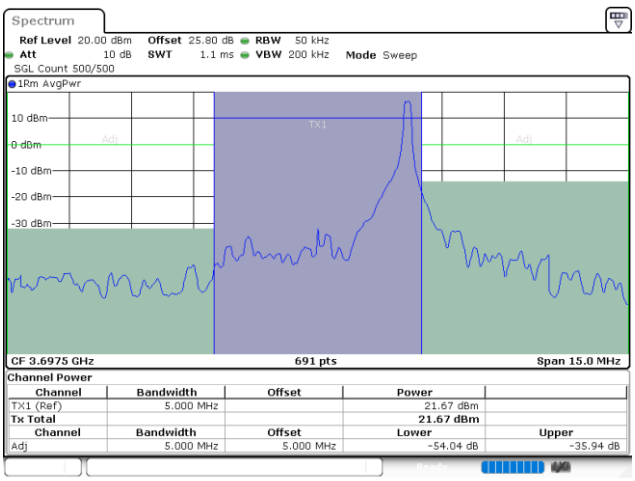


Low Ch.	3697.5MHz, 64QAM, CB: 5MHz	Mid. Ch.	3697.5MHz, 64QAM, CB: 5MHz

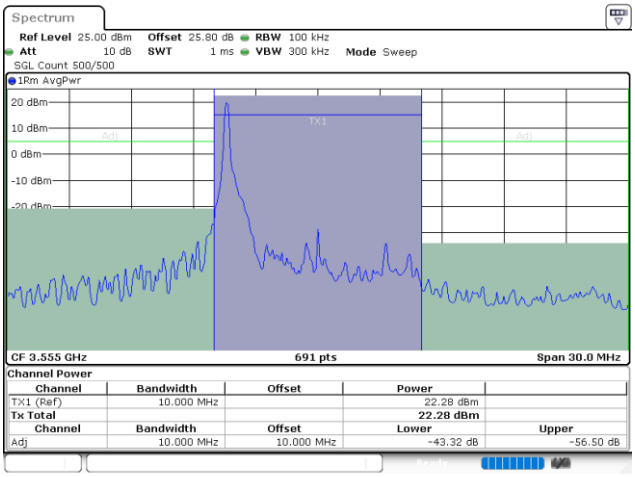




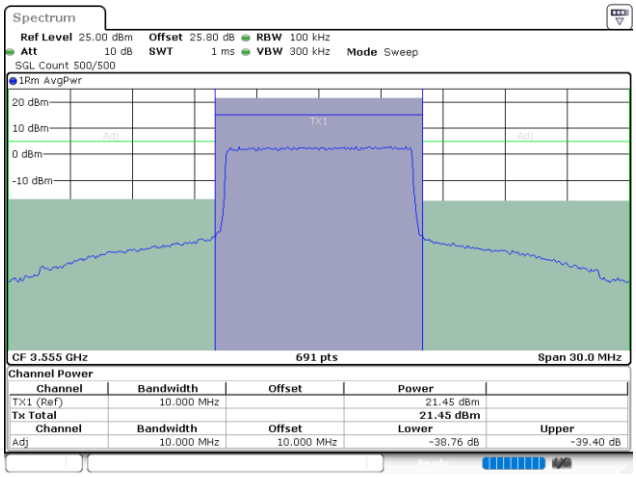
High Ch.	3697.5MHz, 64QAM, CB: 5MHz	---	---



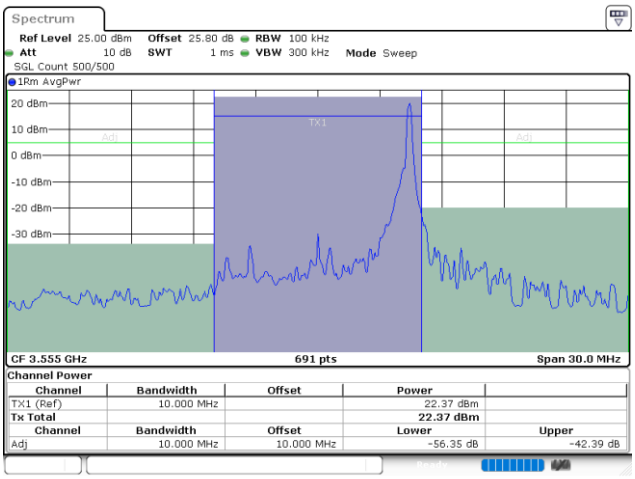
Low Ch.	3555MHz, QPSK, CB: 10MHz



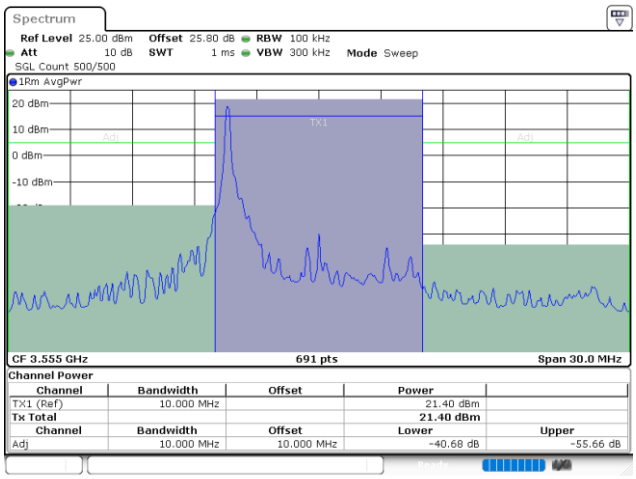
Mid. Ch.	3555MHz, QPSK, CB: 10MHz



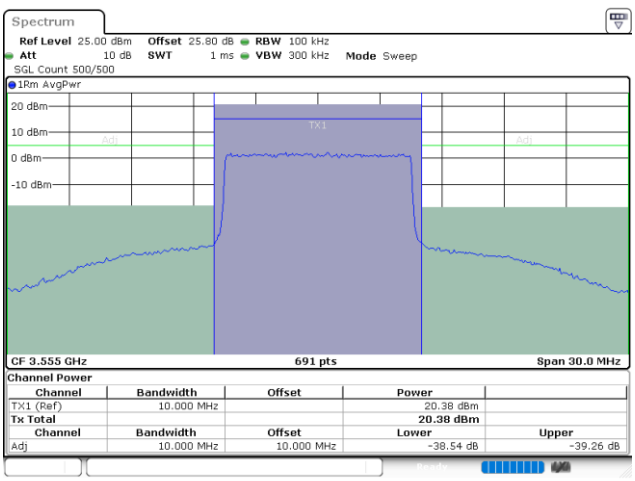
High Ch.	3555MHz, QPSK, CB: 10MHz



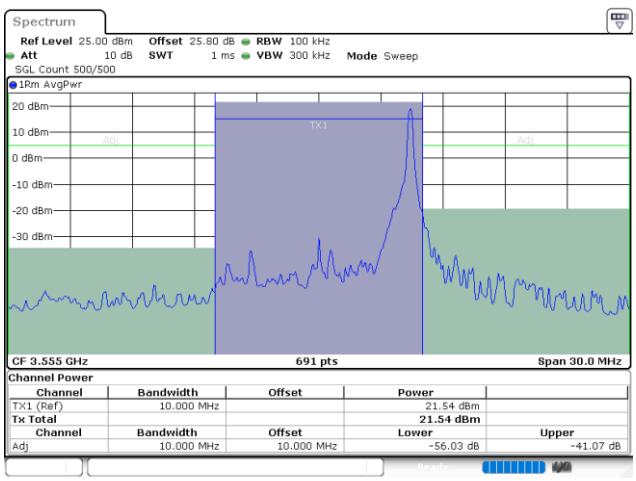
Low Ch.	3555MHz, 16QAM, CB: 10MHz



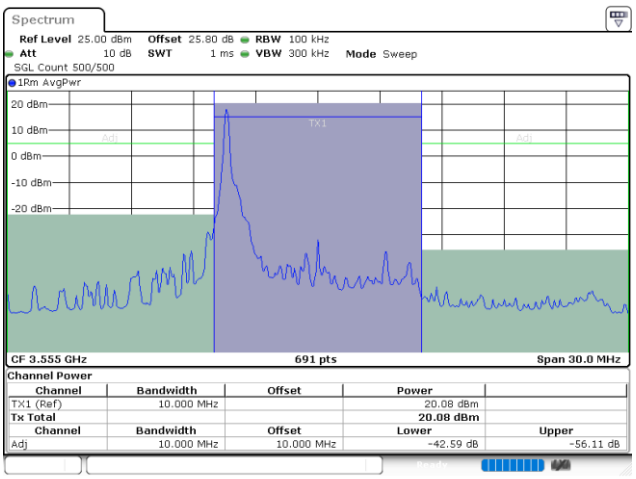
Mid. Ch.	3555MHz, 16QAM, CB: 10MHz

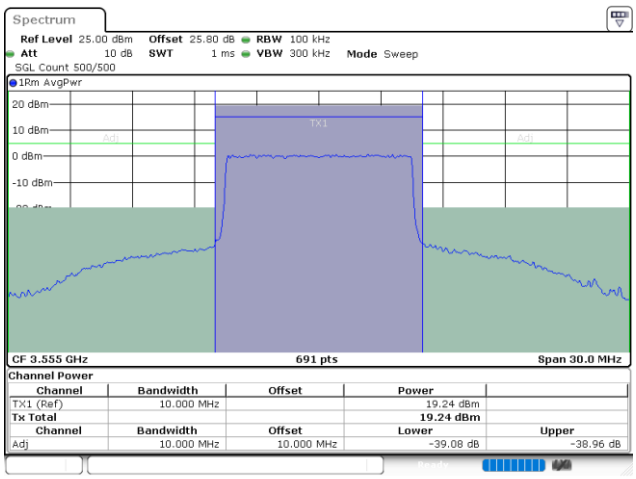


High Ch.	3555MHz, 16QAM, CB: 10MHz

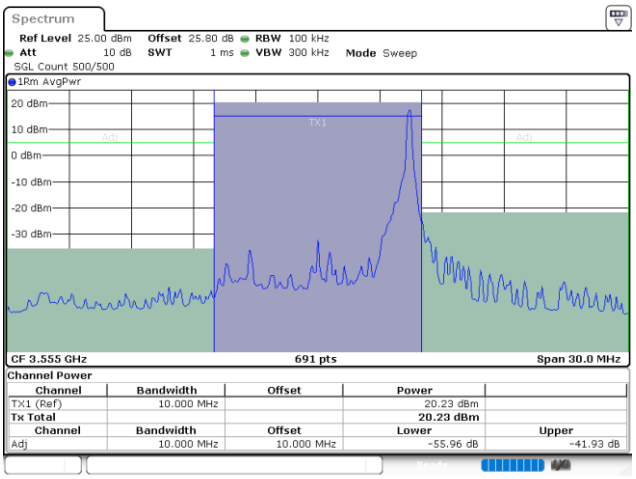


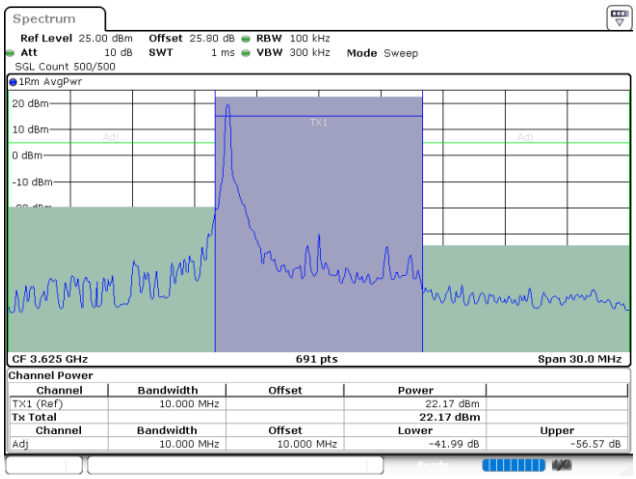
Low Ch.	3555MHz, 64QAM, CB: 10MHz	Mid. Ch.	3555MHz, 64QAM, CB: 10MHz



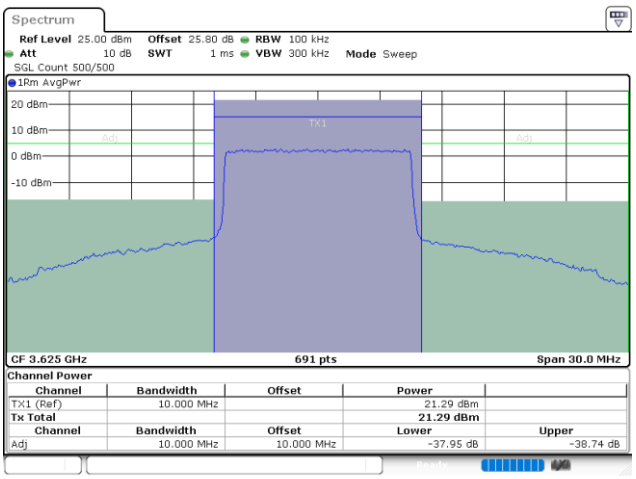


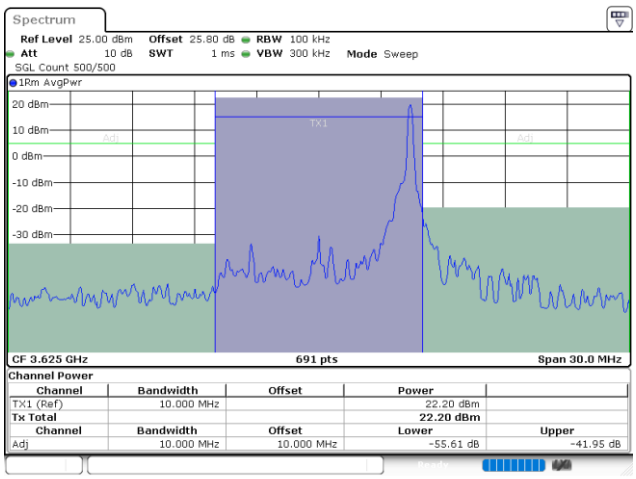
High Ch.	3555MHz, 64QAM, CB: 10MHz	Low Ch.	3625MHz, QPSK, CB: 10MHz



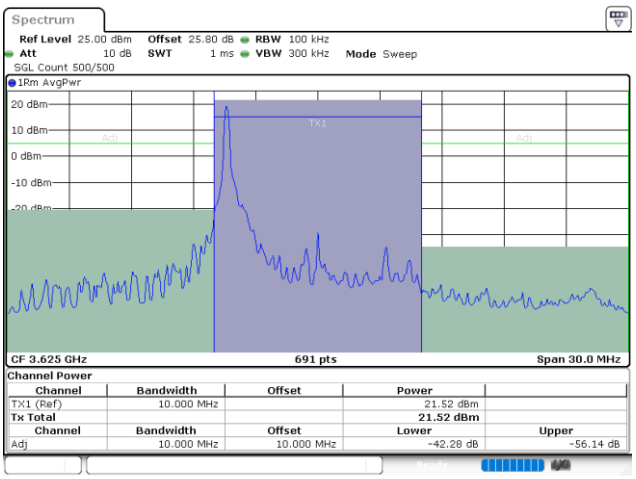


Mid. Ch.	3625MHz, QPSK, CB: 10MHz	High Ch.	3625MHz, QPSK, CB: 10MHz

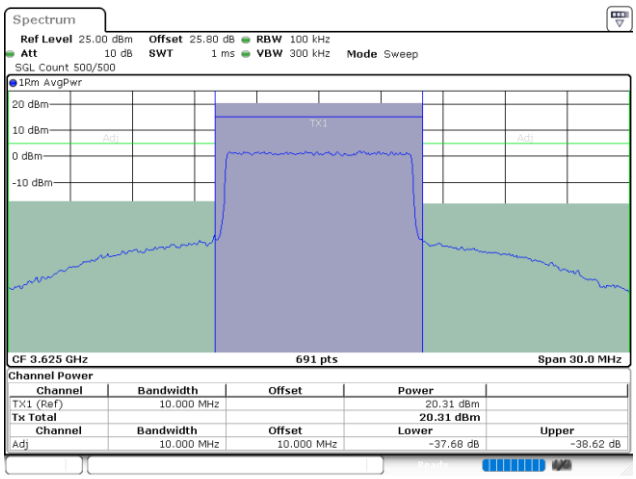




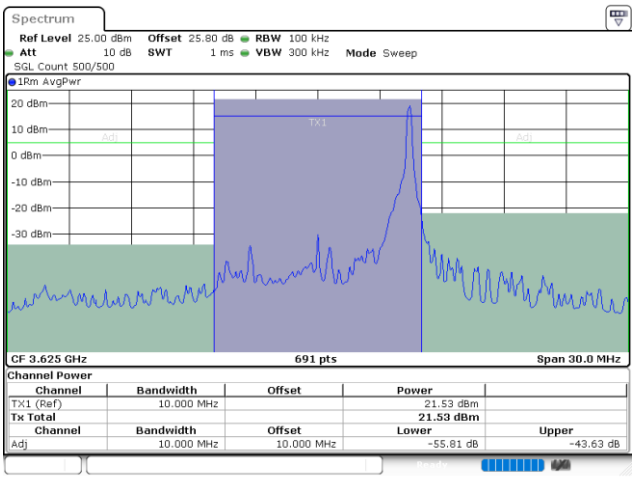
Low Ch.	3625MHz, 16QAM, CB: 10MHz



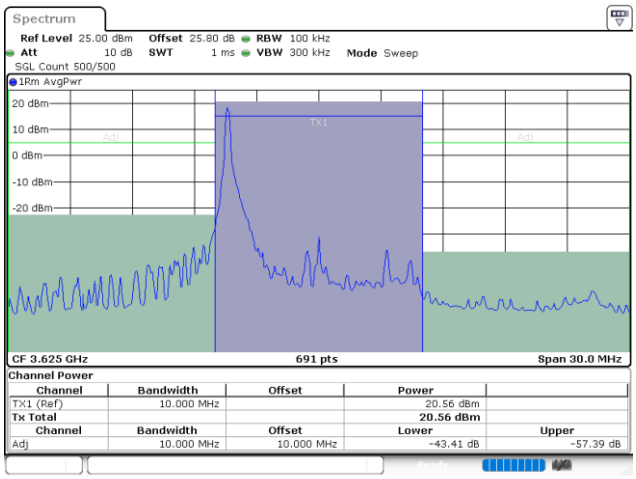
Mid. Ch.	3625MHz, 16QAM, CB: 10MHz



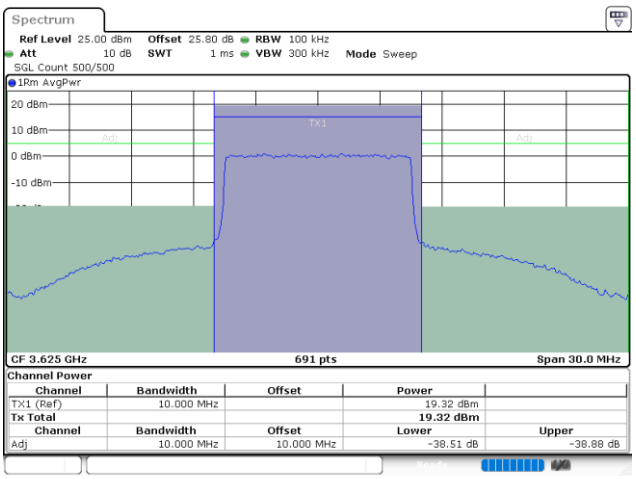
High Ch.	3625MHz, 16QAM, CB: 10MHz



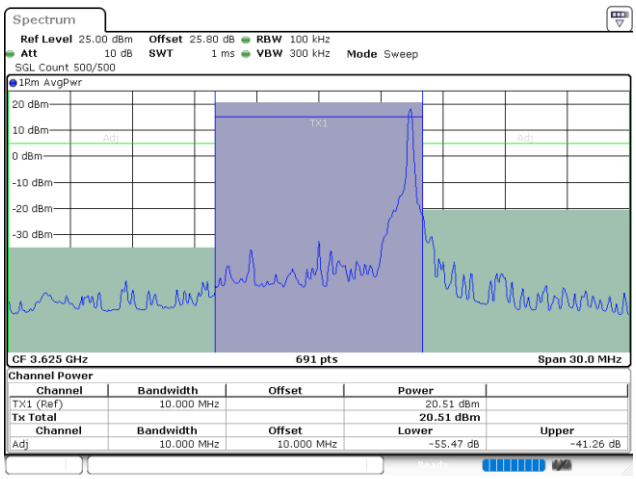
Low Ch.	3625MHz, 64QAM, CB: 10MHz



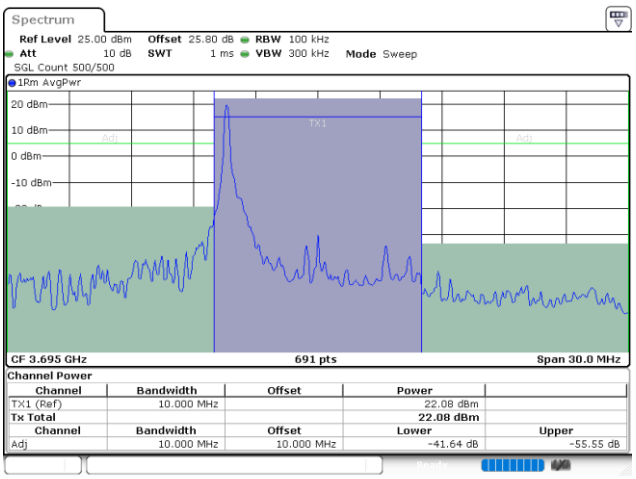
Mid. Ch.	3625MHz, 64QAM, CB: 10MHz

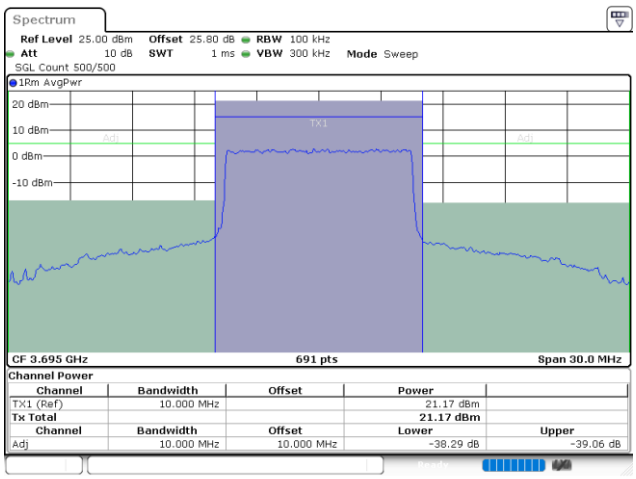


High Ch.	3625MHz, 64QAM, CB: 10MHz

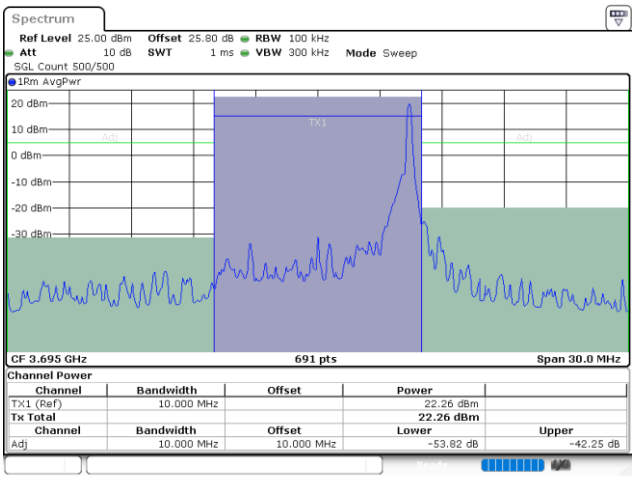


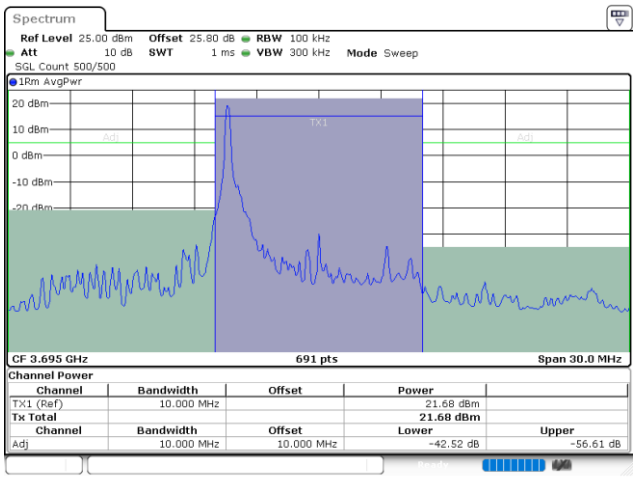
Low Ch.	3695MHz, QPSK, CB: 10MHz	Mid. Ch.	3695MHz, QPSK, CB: 10MHz



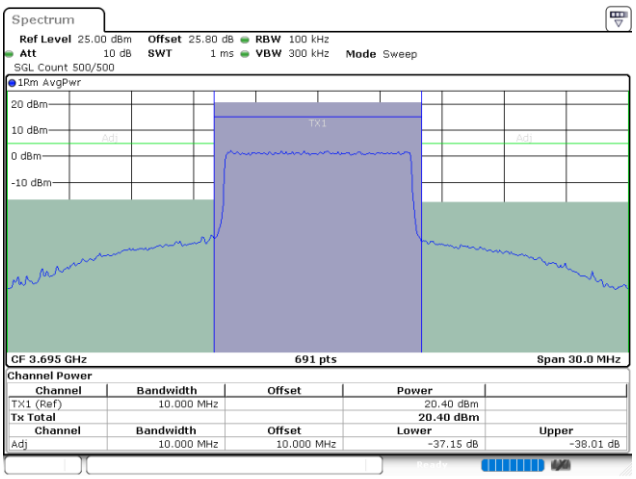


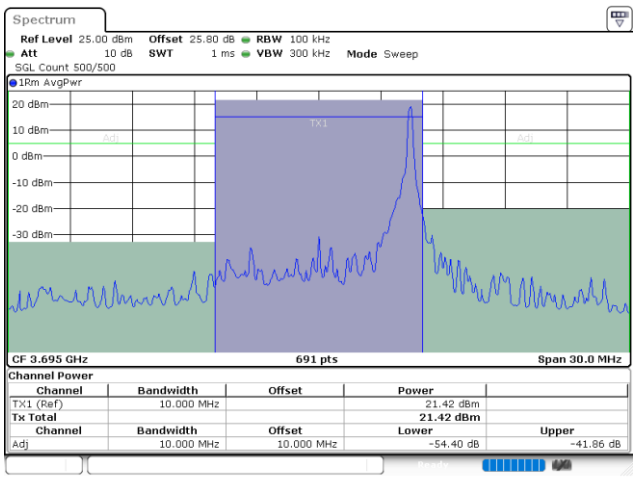
High Ch.	3695MHz, QPSK, CB: 10MHz	Low Ch.	3695MHz,16QAM, CB: 10MHz



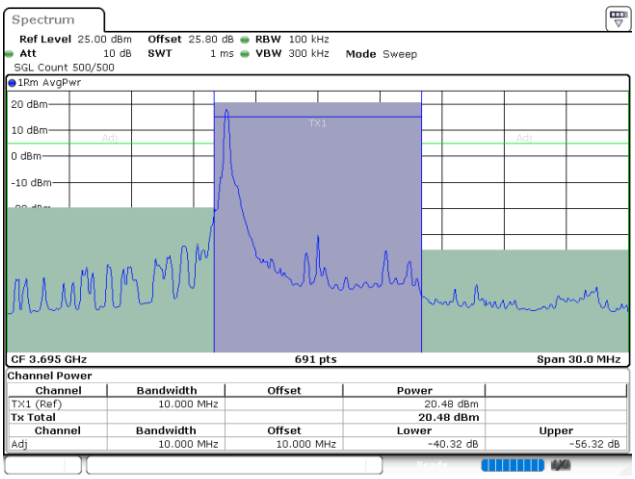


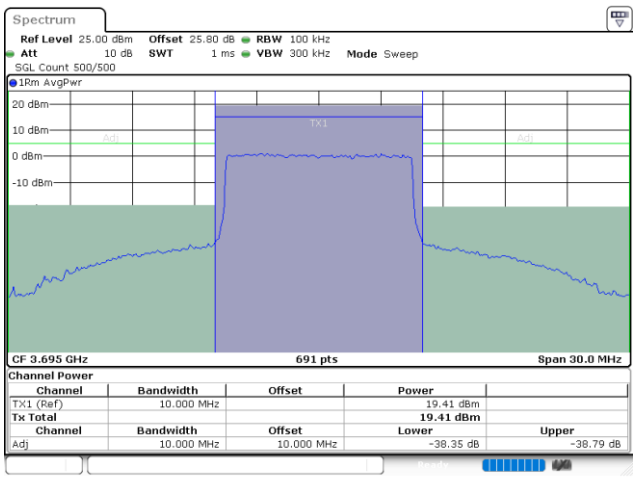
Mid. Ch.	3695MHz,16QAM, CB: 10MHz	High Ch.	3695MHz,16QAM, CB: 10MHz



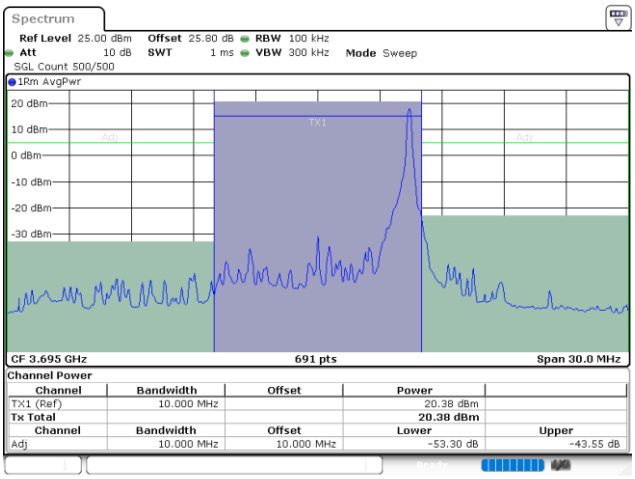


Low Ch.	3695MHz, 64QAM, CB: 10MHz	Mid. Ch.	3695MHz, 64QAM, CB: 10MHz

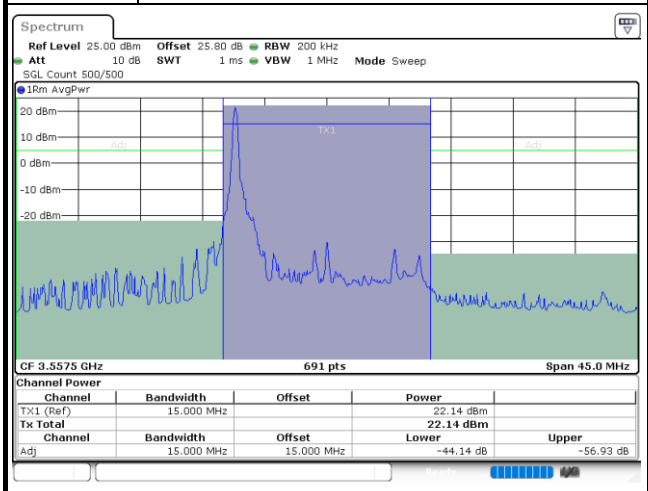




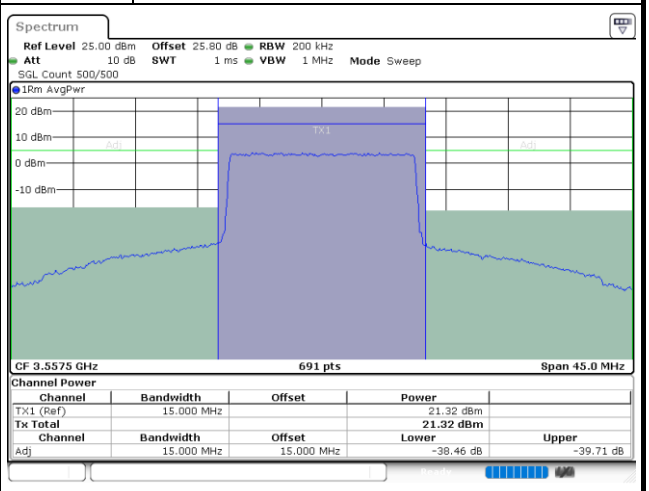
High Ch.	3695MHz, 64QAM, CB: 10MHz	---	



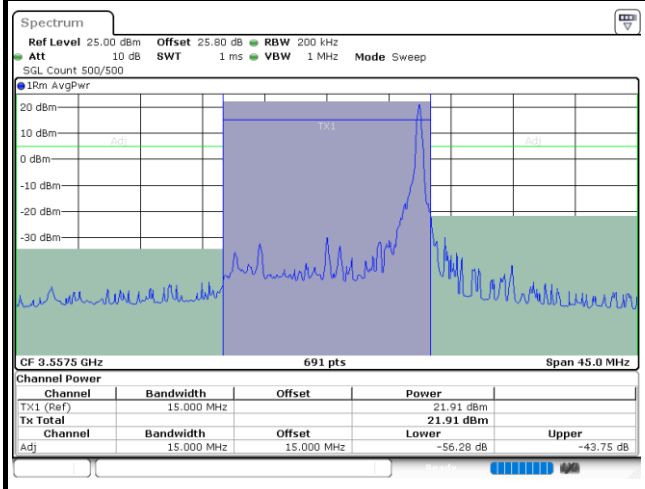
Low Ch.	3557.5MHz, QPSK, CB: 15MHz



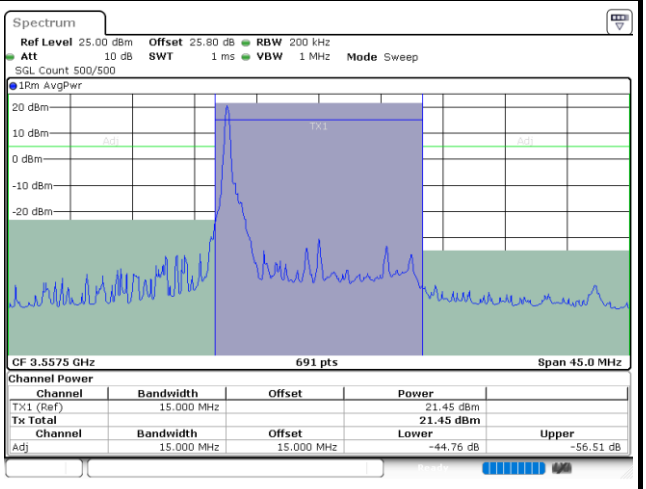
Mid. Ch.	3557.5MHz, QPSK, CB: 15MHz



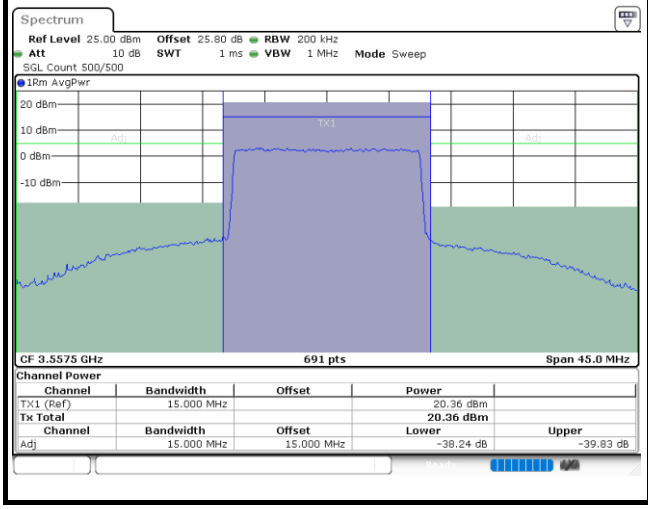
High Ch.	3557.5MHz, QPSK, CB: 15MHz



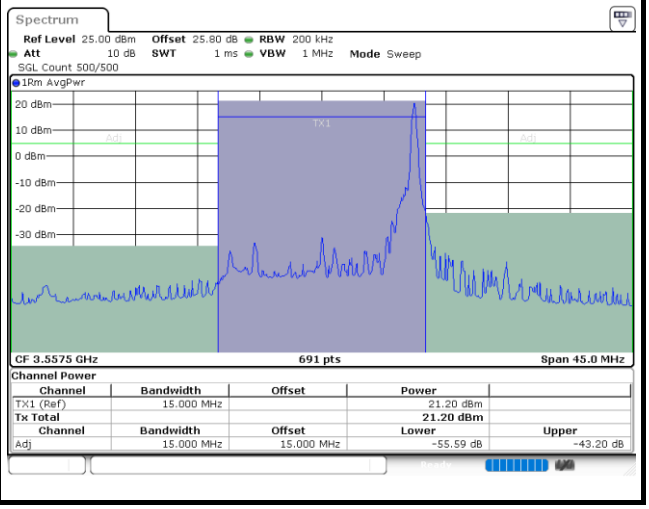
Low Ch.	3557.5MHz, 16QAM, CB: 15MHz



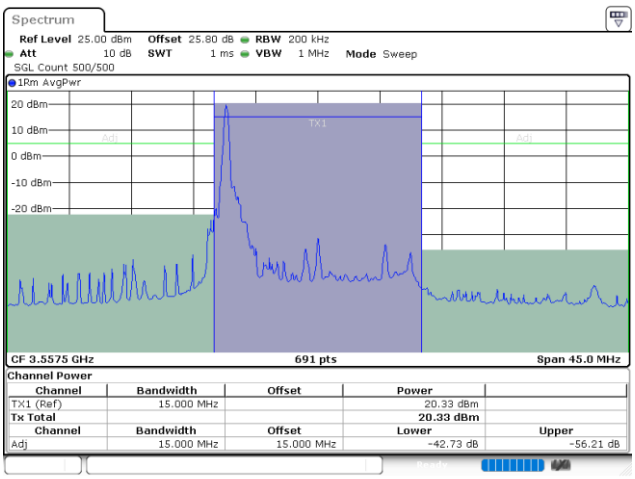
Mid. Ch.	3557.5MHz, 16QAM, CB: 15MHz

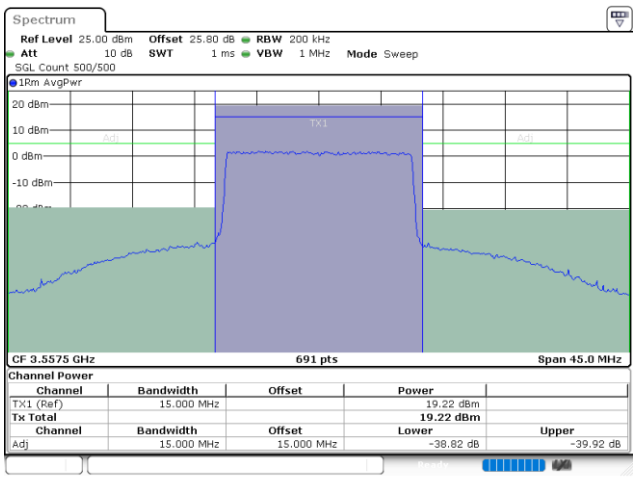


High Ch.	3557.5MHz, 16QAM, CB: 15MHz

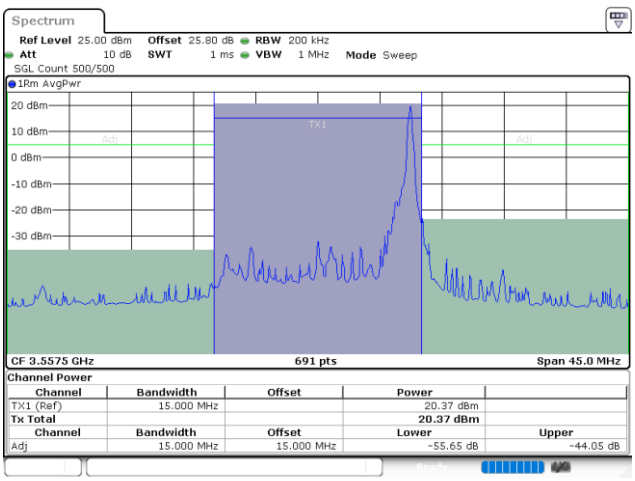


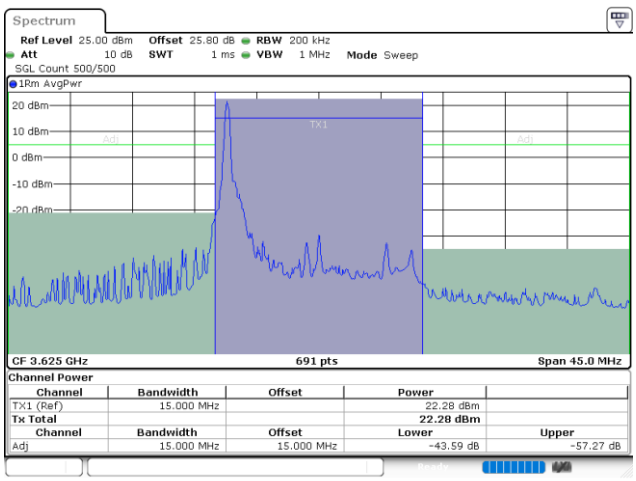
Low Ch.	3557.5MHz, 64QAM, CB: 15MHz	Mid. Ch.	3557.5MHz, 64QAM, CB: 15MHz





High Ch.	3557.5MHz, 64QAM, CB: 15MHz	Low Ch.	3625MHz, QPSK, CB: 15MHz





Mid. Ch.	3625MHz, QPSK, CB: 15MHz	High Ch.	3625MHz, QPSK, CB: 15MHz