Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2BAMZGRBBU001I25001
Equipment	:	REIGN CORE
Brand Name	:	G REIGNS
Model Name	:	Cupid001I25001
Applicant	:	REIGN Technology Corporation 12F, No.88, Section 3, Zhongxing Road, Xindian District, New Taipei City, Taiwan
Manufacturer	:	REIGN Technology Corporation 12F, No.88, Section 3, Zhongxing Road, Xindian District, New Taipei City, Taiwan
Standard	:	47 CFR FCC Part 96

The product was received on Apr. 06, 2023, and testing was started from Apr. 10, 2023 and completed on Apr. 26, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Rex Liao

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FG332240	01	Initial issue of report	May 05, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	2.1046	Conducted Output Power	Reporting only	-
	96.41	Maximum Effective Isotropic Radiated Power	PASS	-
3.2	96.41	Maximum Power Spectral Density (PSD)	PASS	-
3.3	96.41	Peak-to-Average Ratio	PASS	-
3.4	2.1049 / 96.41	Occupied Bandwidth	Reporting only	-
3.5	2.1051 / 96.41	Conducted Band Edge	PASS	-
3.6	2.1051 / 96.41	Conducted Spurious Emission	PASS	-
3.7	2.1051 / 96.41	Radiated Spurious Emission	PASS	-
3.8	2.1055	Frequency Stability for Temperature & Voltage	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Cathy Chiu

1 General Description

1.1 Product Feature of Equipment Under Test

Items	Description
EUT Type	☒ CBSD ☐ CPE-CBSD ☐ EUD
Power Type	From power adapter or PoE
Category of EUT	☒ Category A ☐ Category B
Professional Installation	☒ Yes ☐ No
Multi-carrier and/or CA	☐ Yes ☒ No
RF Test Tool Software of EUT	Terminal 2.7
TX Frequency (MHz)	3560 ~ 3690
RX Frequency (MHz)	3560 ~ 3690
Bandwidth (MHz)	20/40
Type of Modulation	CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM)

Note: The above information was declared by manufacturer.

1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	WNC	95XEAJ15.GAJ	Metal Antenna	I-PEX	3.76
2	2	WNC	95XEAJ15.GAK	Metal Antenna	I-PEX	3.97
3	3	WNC	95XEAJ15.GAI	Metal Antenna	I-PEX	3.80
4	4	WNC	95XEAJ15.GAH	Metal Antenna	I-PEX	3.98

Note 1: The above information was declared by manufacturer.

Note 2:

The device supports 4 streams only.

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.3 Maximum EIRP Power, Frequency Tolerance, and Emission Designator

Bandwidth	TX Frequency (MHz)	Type of Modulation	Max. Conducted Power		Maximum EIRP		99% Occupied Bandwidth (MHz)	Emission Designator	Frequency Stability (ppm)
			(dBm)	(W)	(dBm)	(W)			
20MHz	3560 ~ 3690	QPSK	28.47	0.703	32.45	1.75792	18.279	18M3G7D	24.8028
		16QAM	27.86	0.611	31.84	1.52757	18.353	18M4W7D	
		64QAM	27.68	0.586	31.66	1.46555	18.268	18M3W7D	
		256QAM	28.20	0.661	32.18	1.652	18.266	18M3W7D	
40MHz	3570 ~ 3680	QPSK	30.01	1.002	33.99	2.506	37.831	37M8G7D	
		16QAM	29.86	0.968	33.84	2.421	37.931	37M9W7D	
		64QAM	29.86	0.968	33.84	2.421	37.831	37M8W7D	
		256QAM	29.74	0.942	33.72	2.355	37.831	37M8W7D	

1.4 Applicable Standards

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

- 47 CFR FCC Part 96
- ANSI / TIA-603-E-2016
- ANSI C63.26-2015
- FCC KDB 971168 D01 v03r01
- FCC KDB 940660 D01 v02

The following reference test guidance is not within the scope of accreditation of TAF.

- 47 CFR FCC Part 2
- FCC KDB 412172 D01 v01r01
- FCC KDB 662911 D01 v02r01

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

1.5 Testing Location

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Jeff Wu	24.2-24.9 / 67-72	Apr. 10, 2023~ Apr. 26, 2023
Radiated	03CH05-CB	Chris Li	22.6~23.2 / 59~63	Apr. 24, 2023~ Apr. 26, 2023

1.6 Measurement Uncertainty

Test Items	Uncertainty	Remark
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%

2 Test Configuration of Equipment Under Test

2.1 Test Channel Mode

Mode	Power Setting
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-
3560MHz	-1
3625MHz	0
3690MHz	-5.5
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-
3560MHz	0
3625MHz	-5
3690MHz	-4.5
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-
3560MHz	0
3625MHz	-5
3690MHz	-6
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-
3560MHz	0.5
3625MHz	-4.5
3690MHz	-6
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-
3570MHz	2
3625MHz	0
3680MHz	-3
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-
3570MHz	2
3625MHz	0.5
3680MHz	-3
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-
3570MHz	2
3625MHz	0.5
3680MHz	-2
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-
3570MHz	2
3625MHz	0.5
3680MHz	-2.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Conducted Output Power Maximum Effective Isotropic Radiated Power Maximum Power Spectral Density Peak-to-Average Ratio Occupied Bandwidth Conducted Band Edge Measurement Conducted Spurious Emission Frequency Stability for Temperature & Voltage
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Radiated Spurious Emission
Test Condition	Radiated measurement
Operating Mode < 1GHz	CTX
1. After evaluating, the worst case was found at Y axis from Radiated Spurious Emission above 1GHz, thus the measurement will follow this same test configuration. 2. The EUT has two modes, one is "EUT + PoE" mode and the other is "EUT + Adapter" mode. After evaluating, the worst case was found at "EUT + PoE" mode, so the measurement will follow this same test.	
1	EUT in Y-axis + PoE
Operating Mode > 1GHz	CTX
After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.	
1	EUT in Y-axis

2.3 Accessories

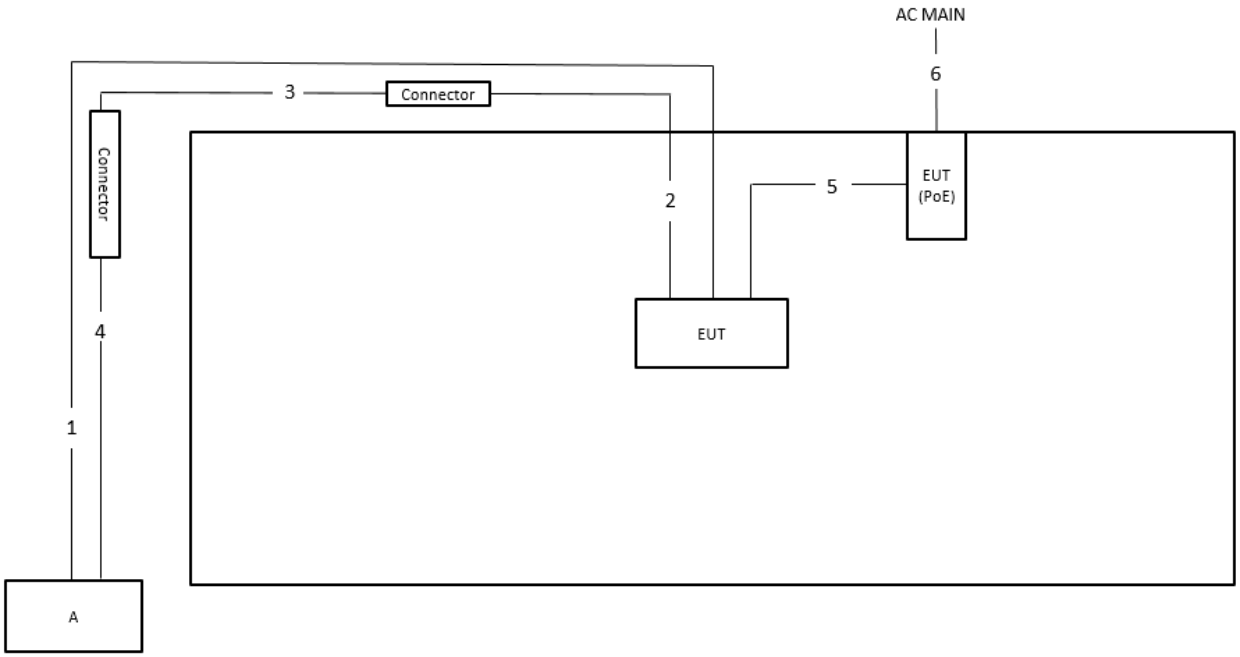
Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
PoE	PHIHONG	POE90U-1BT-5	INPUT: 100-240V~ 2.5A, 50-60Hz OUTPUT: 56V, 0.80A, 45W
Others			
Cradle*1			

2.4 Support Equipment

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PC	Acer	Altos P10 F7	N/A

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Fiber cable	No	10m
2	RJ-45 cable	No	10m
3	Console cable (RS232 to RJ45)	No	1m
4	Console cable (RS232 to USB)	No	1m
5	RJ-45 cable	No	1.5m
6	Power cable	No	1.5m

2.6 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss.

Following shows an offset computation example with cable loss 6.0 dB.

Example :

Offset(dB) = RF cable loss(dB).

= 6.0 (dB)

3 Test Result

3.1 Conducted Output Power and Maximum Effective Isotropic Radiated Power

3.1.1 Description of the Conducted Output Power measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

3.1.2 Description of the Maximum Effective Isotropic Radiated Power measurement

Device	Maximum EIRP (dBm/10 MHz)
End User Device	23
Category A CBSD	30
Category B CBSD	47

The testing follows ANSI C63.26-2015 Section 5.2.5.5

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.1.3 Measuring Instruments

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

3.1.4 Test Procedures

For Conducted Output Power

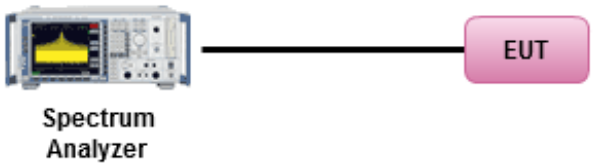
1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

For Maximum Effective Isotropic Radiated Power

1. Set instrument center frequency to OBW center frequency.
2. Set span to at least 2 times the OBW.
3. Set the RBW to the specified reference bandwidth (often 1 MHz).
4. Set VBW ≥ 3 × RBW.

5. Detector = RMS (power averaging).
6. Ensure that the number of measurement points in the sweep ≥ 2 × span/RBW.
7. Sweep time = auto couple.
8. Employ trace averaging (RMS) mode over a minimum of 100 traces.
9. Use the peak marker function to determine the maximum amplitude level within the reference bandwidth (PSD).
10. Determine the EIRP by adding the effective antenna gain to the adjusted power level.
11. Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission.

3.1.5 Test Setup

Conducted Output Power/EIRP


3.1.6 Test Result of Conducted Output Power and Maximum Effective Isotropic Radiated Power.

Refer as Appendix A

3.2 Maximum Power Spectral Density

3.2.1 Description of the Maximum Powe Spectral Density Measurement

Device	Maximum PSD (EIRP) (dBm/MHz)
End User Device	N/A
Category A CBSD	20
Category B CBSD	37

The testing follows ANSI C63.26-2015 Section 5.2.5.5

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

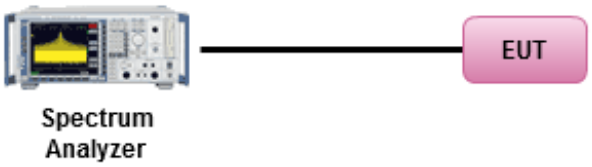
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. Set instrument center frequency to OBW center frequency.
2. Set span to at least 2 times the OBW.
3. Set the RBW to the specified reference bandwidth (often 1 MHz).
4. Set VBW ≥ 3 × RBW.
5. Detector = RMS (power averaging).
6. Ensure that the number of measurement points in the sweep ≥ 2 × span/RBW.
7. Sweep time = auto couple.
8. Employ trace averaging (RMS) mode over a minimum of 100 traces.
9. Use the peak marker function to determine the maximum amplitude level within the reference bandwidth (PSD).
10. Determine the EIRP by adding the effective antenna gain to the adjusted power level.
11. Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission.

3.2.4 Test Setup

Maximum Powe Spectral Density


3.2.5 Test Result of Maximum Powe Spectral Density

Refer as Appendix B

3.3 Peak-to-Average Ratio

3.3.1 Description of the Peak-to-Average Ratio Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Measuring Instruments

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

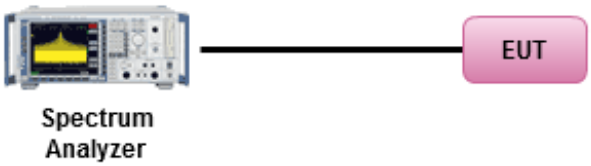
3.3.3 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio

3.3.4 Test Setup

Peak-to-Average Ratio



3.3.5 Test Result of Peak-to-Average Ratio

Refer as Appendix C

3.4 Occupied Bandwidth

3.4.1 Description of the Occupied Bandwidth Measurement

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

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Measuring Instruments

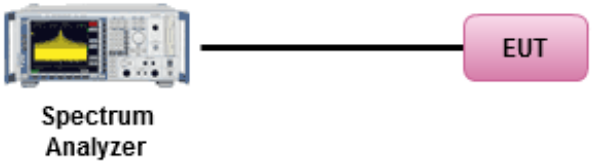
The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
   (this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.4.4 Test Setup

Occupied Bandwidth


3.4.5 Test Result of Occupied Bandwidth

Refer as Appendix D

3.5 Conducted Band Edge

3.5.1 Description of the Conducted Band Edge Measurement

Part 96.41 (e) (1) (i)

For CBSD the emission limits outside the fundamental are as follows:

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

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

Part 96.41 (e) (1) (ii)

For End User Devices the emission limits outside the fundamental are as follows:

Within 0 MHz to B MHz above and below the assigned channel ≤ −13 dBm/MHz

Greater than B MHz above and below the assigned channel ≤ −25 dBm/MHz

where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device.

Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

Part 96.41 (e) (2)

For CBSDs and End User Devices, the conducted power of 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

3.5.2 Measuring Instruments

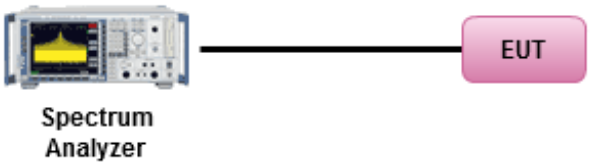
The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
5. Offset has included the duty factor for LTE Band 48. Duty factor =10 log (1/x), where x is the measured duty cycle.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.5.4 Test Setup

Conducted Band Edge


3.5.5 Test Result of Conducted Band Edge

Refer as Appendix E

3.6 Conducted Spurious Emission

3.6.1 Description of the Conducted Spurious Emission Measurement

96.41 (e)(2)

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

3.6.2 Measuring Instruments

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

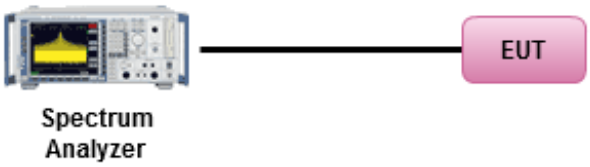
3.6.3 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is −40dBm/MHz.

3.6.4 Test Setup

Conducted Spurious Emission



3.6.5 Test Result of Conducted Spurious Emission

Refer as Appendix E

3.7 Radiated Spurious Emission

3.7.1 Description of the Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least -40dBm / MHz.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.7.2 Measuring Instruments

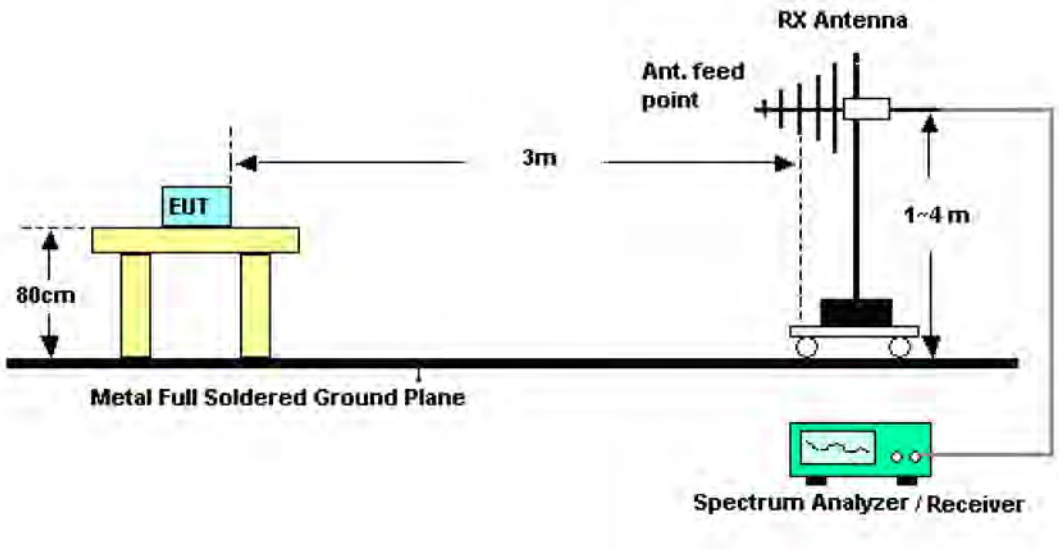
The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures

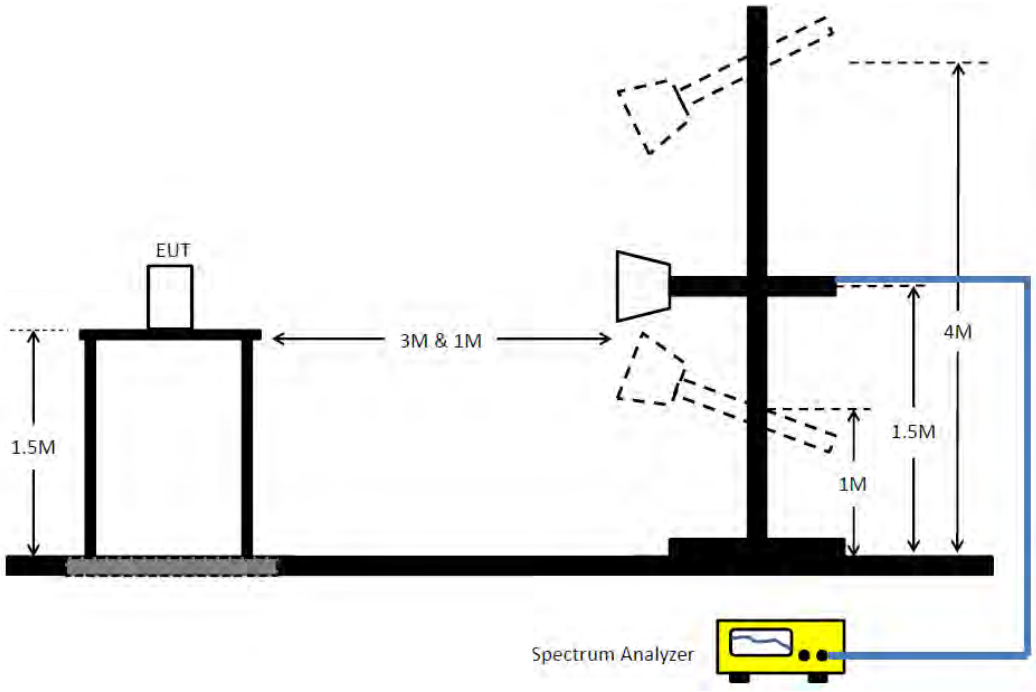
1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
   EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
   ERP (dBm) = EIRP - 2.15
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
   The limit line is −40dBm/MHz

3.7.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.7.5 Test Result of Radiated Spurious Emission

Refer as Appendix F

3.8 Frequency Stability for Temperature & Voltage

3.8.1 Description of the Frequency Stability for Temperature & Voltage Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency

3.8.2 Measuring Instruments

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

3.8.3 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0

1. The EUT was set up in the thermal chamber and connected to the spectrum analyzer.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in -30°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

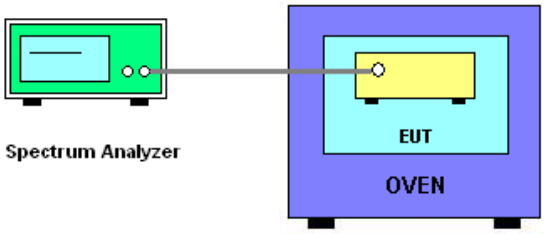
3.8.4 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.5 Test Setup

Frequency Stability



3.8.6 Test Result of Temperature and Voltage Variation

Refer as Appendix G

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120 D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 19, 2022	Oct. 18, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630 SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2022	May 26, 2023	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	May 23, 2022	May 22, 2023	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Cable	Woken	RG402	low Cable-30	9 kHz –1 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
N.C.R. means Non-Calibration required.

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band n48	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	28.47	0.703	32.45	1.758
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	27.86	0.611	31.84	1.526
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	27.68	0.586	31.66	1.466
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	28.20	0.661	32.18	1.652
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	30.01	1.002	33.99	2.506
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	29.86	0.968	33.84	2.421
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	29.86	0.968	33.84	2.421
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	29.74	0.942	33.72	2.355

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

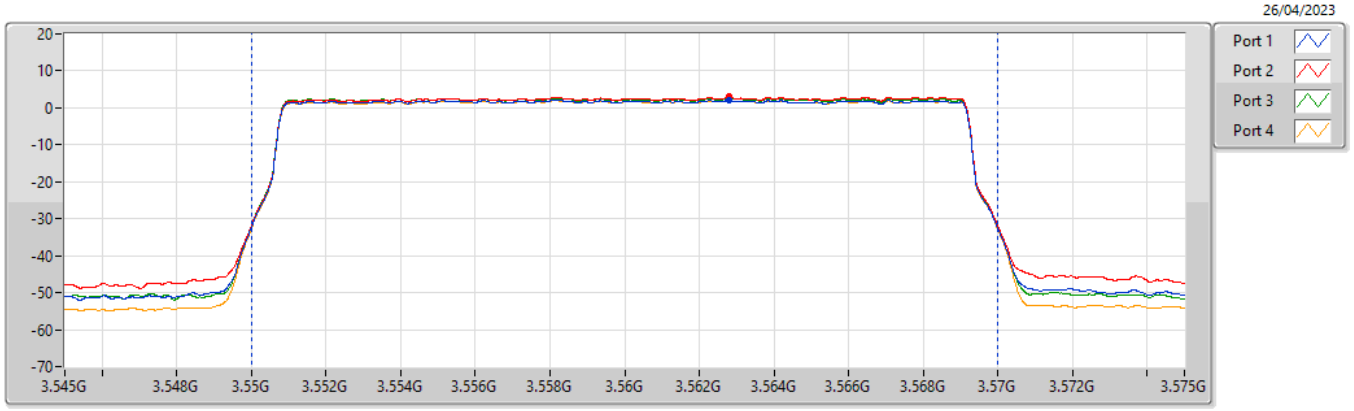
Result

Mode	Result	DG (dBi)	Power (dBm)	Power (W)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	EIRP (dBm)	EIRP (W)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	27.30	0.537	20.98	21.67	21.51	20.89	31.28	1.343
3625MHz_Outer_Full	Pass	3.98	28.47	0.704	22.38	22.73	22.21	22.48	32.45	1.758
3690MHz_Outer_Full	Pass	3.98	22.44	0.175	16.48	16.60	16.18	16.40	26.42	0.439
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	27.86	0.611	21.91	22.00	21.60	21.84	31.84	1.528
3625MHz_Outer_Full	Pass	3.98	23.32	0.215	17.40	17.40	17.02	17.36	27.30	0.537
3690MHz_Outer_Full	Pass	3.98	23.44	0.221	17.54	17.64	17.08	17.39	27.42	0.552
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	27.68	0.587	21.73	21.81	21.34	21.76	31.66	1.466
3625MHz_Outer_Full	Pass	3.98	23.42	0.220	17.57	17.46	17.19	17.35	27.40	0.550
3690MHz_Outer_Full	Pass	3.98	22.09	0.162	16.19	16.29	15.78	16.02	26.07	0.405
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	28.20	0.661	22.36	22.21	21.97	22.15	32.18	1.652
3625MHz_Outer_Full	Pass	3.98	23.94	0.248	18.07	18.00	17.71	17.90	27.92	0.619
3690MHz_Outer_Full	Pass	3.98	22.04	0.160	16.17	16.20	15.73	15.98	26.02	0.400
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	30.01	1.002	24.17	24.31	23.91	23.54	33.99	2.506
3625MHz_Outer_Full	Pass	3.98	28.34	0.682	22.18	21.99	22.26	22.82	32.32	1.706
3680MHz_Outer_Full	Pass	3.98	25.16	0.328	19.13	18.62	19.28	19.47	29.14	0.820
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	29.86	0.968	24.13	24.10	23.67	23.40	33.84	2.421
3625MHz_Outer_Full	Pass	3.98	28.93	0.782	22.88	22.21	23.16	23.29	32.91	1.954
3680MHz_Outer_Full	Pass	3.98	25.31	0.340	19.33	18.94	19.41	19.46	29.29	0.849
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	29.86	0.968	23.96	24.26	23.75	23.34	33.84	2.421
3625MHz_Outer_Full	Pass	3.98	29.01	0.796	22.94	22.63	23.16	23.22	32.99	1.991
3680MHz_Outer_Full	Pass	3.98	26.36	0.433	20.32	20.07	20.52	20.45	30.34	1.081
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	29.74	0.942	23.78	24.12	23.69	23.26	33.72	2.355
3625MHz_Outer_Full	Pass	3.98	28.98	0.791	23.13	22.27	23.19	23.19	32.96	1.977
3680MHz_Outer_Full	Pass	3.98	25.76	0.377	19.86	19.24	19.99	19.84	29.74	0.942

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

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PowerAV**

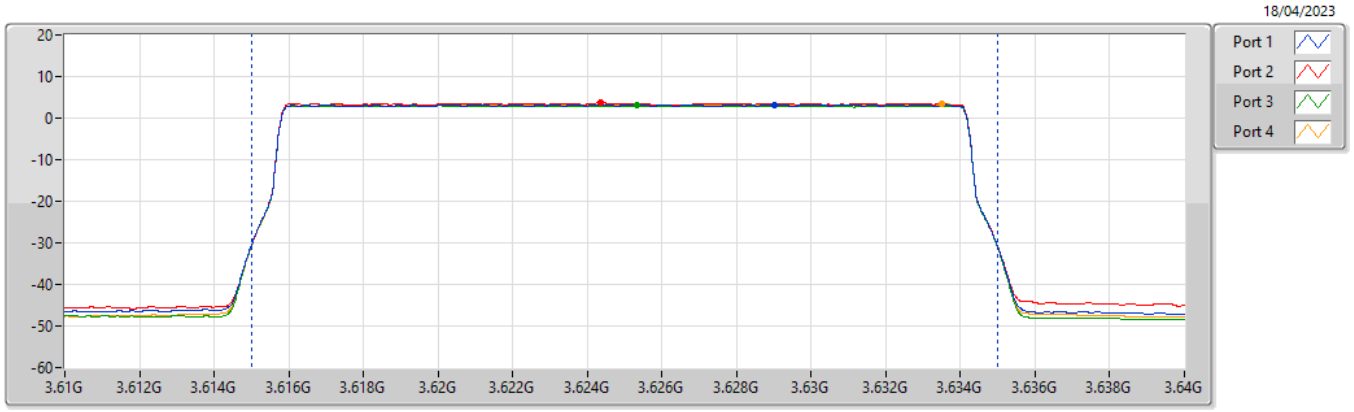
3560MHz_CP-OFDM_QPSK_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
20.98	3.56G	30M	200k	1M	5m	RMS	20M	1
21.67	3.56G	30M	200k	1M	5m	RMS	20M	2
21.51	3.56G	30M	200k	1M	5m	RMS	20M	3
20.89	3.56G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
27.30								

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PowerAV**

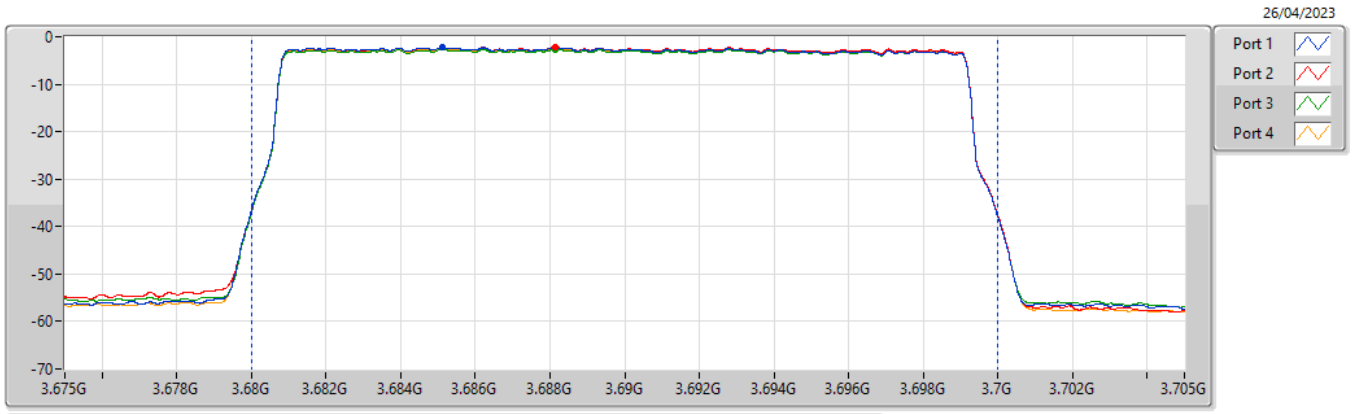
3625MHz_CP-OFDM_QPSK_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
22.38	3.625G	30M	200k	1M	5m	RMS	20M	1
22.73	3.625G	30M	200k	1M	5m	RMS	20M	2
22.21	3.625G	30M	200k	1M	5m	RMS	20M	3
22.48	3.625G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
28.47								

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PowerAV**

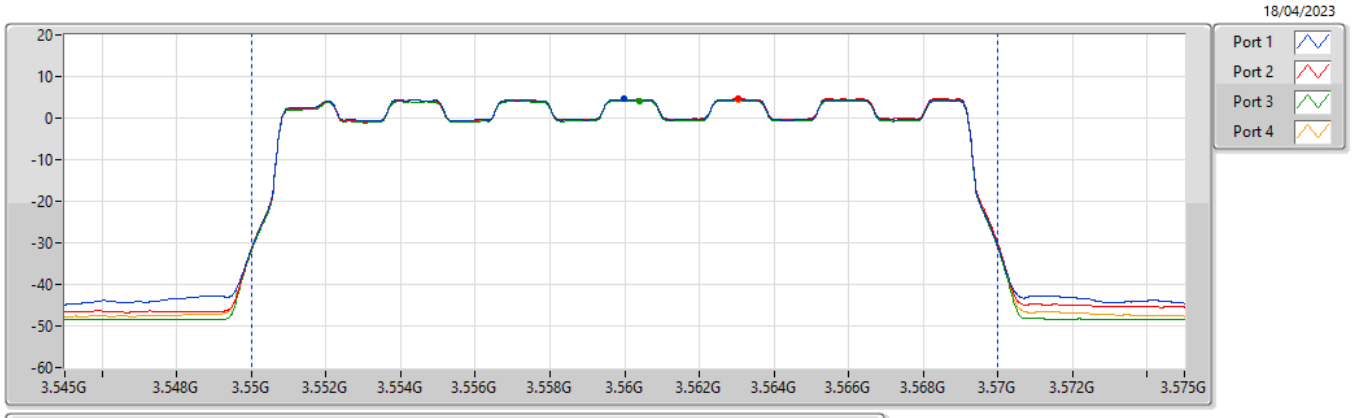
3690MHz_CP-OFDM_QPSK_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
16.48	3.69G	30M	200k	1M	5m	RMS	20M	1
16.60	3.69G	30M	200k	1M	5m	RMS	20M	2
16.18	3.69G	30M	200k	1M	5m	RMS	20M	3
16.40	3.69G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
22.44								

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PowerAV**

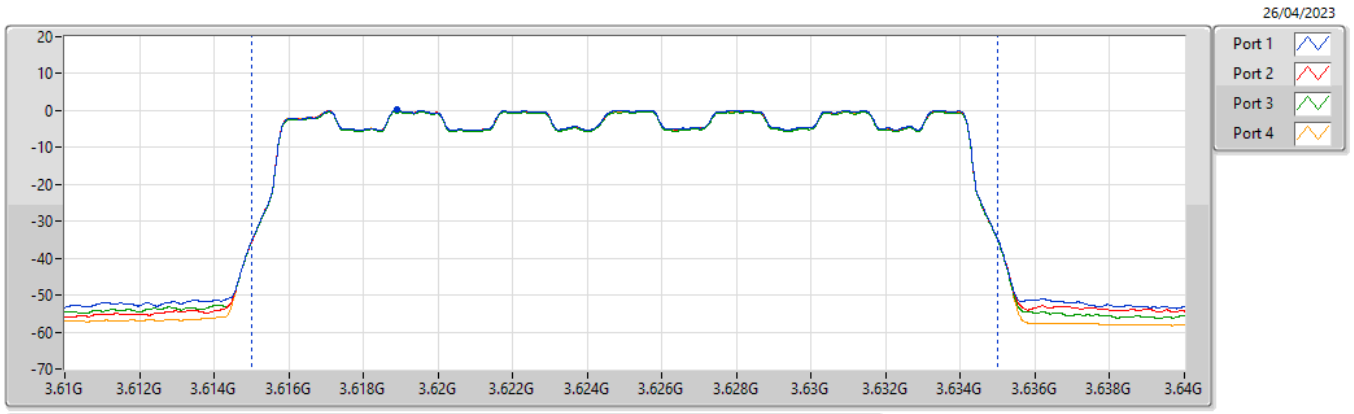
3560MHz_CP-OFDM_16QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
21.91	3.56G	30M	200k	1M	5m	RMS	20M	1
22.00	3.56G	30M	200k	1M	5m	RMS	20M	2
21.60	3.56G	30M	200k	1M	5m	RMS	20M	3
21.84	3.56G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
27.86								

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PowerAV**

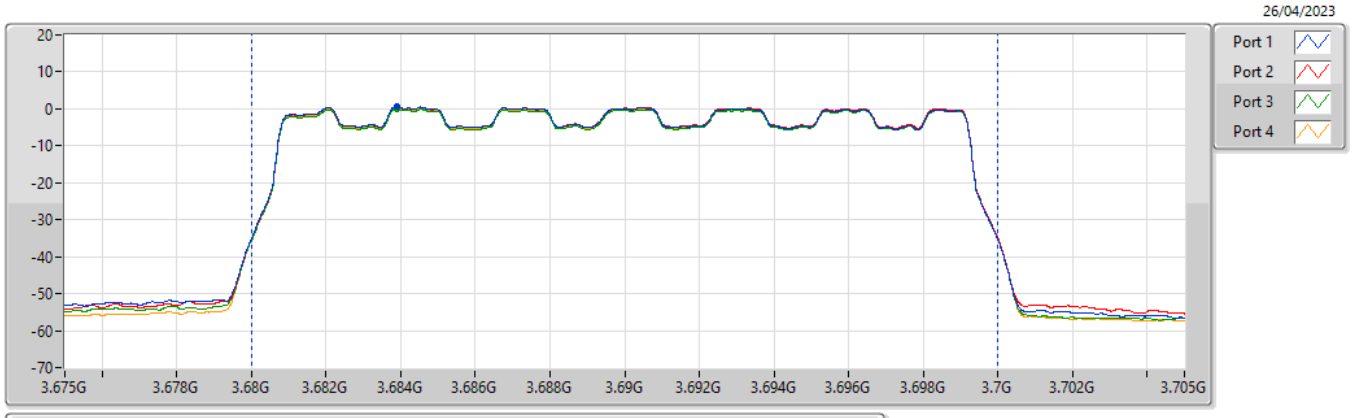
3625MHz_CP-OFDM_16QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
17.40	3.625G	30M	200k	1M	5m	RMS	20M	1
17.40	3.625G	30M	200k	1M	5m	RMS	20M	2
17.02	3.625G	30M	200k	1M	5m	RMS	20M	3
17.36	3.625G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
23.32								

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PowerAV**

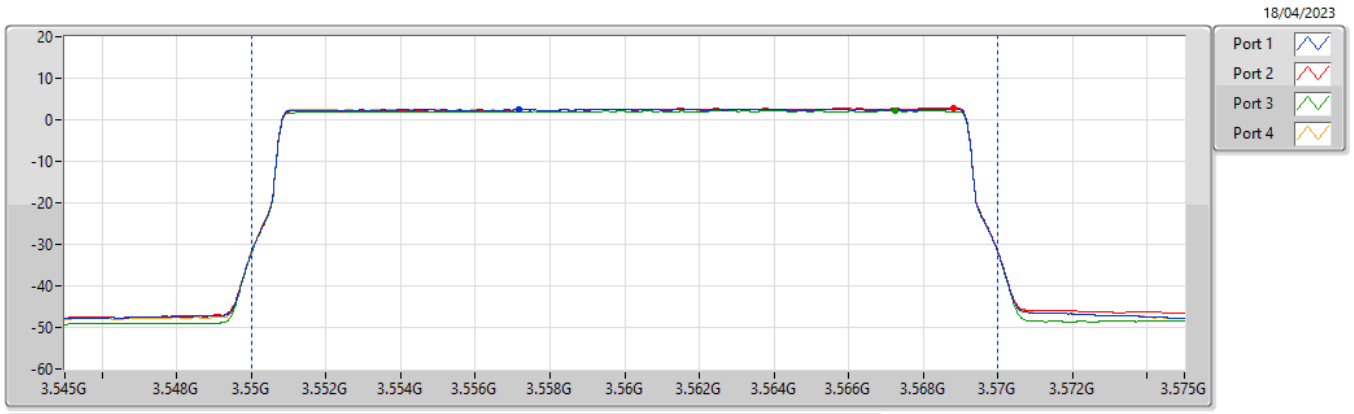
3690MHz_CP-OFDM_16QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
17.54	3.69G	30M	200k	1M	5m	RMS	20M	1
17.64	3.69G	30M	200k	1M	5m	RMS	20M	2
17.08	3.69G	30M	200k	1M	5m	RMS	20M	3
17.39	3.69G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
23.44								

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PowerAV**

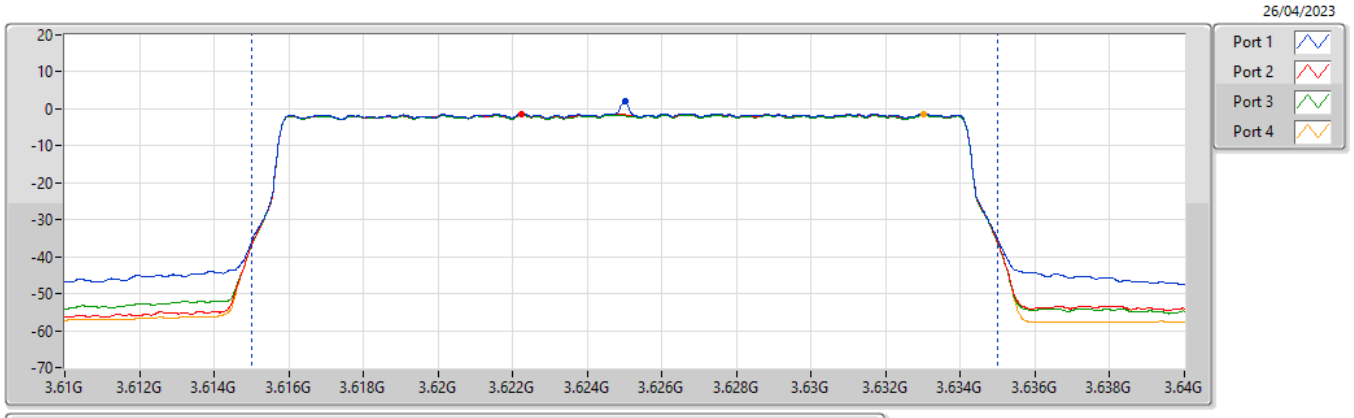
3560MHz_CP-OFDM_64QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
21.73	3.56G	30M	200k	1M	5m	RMS	20M	1
21.81	3.56G	30M	200k	1M	5m	RMS	20M	2
21.34	3.56G	30M	200k	1M	5m	RMS	20M	3
21.76	3.56G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
27.68								

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PowerAV**

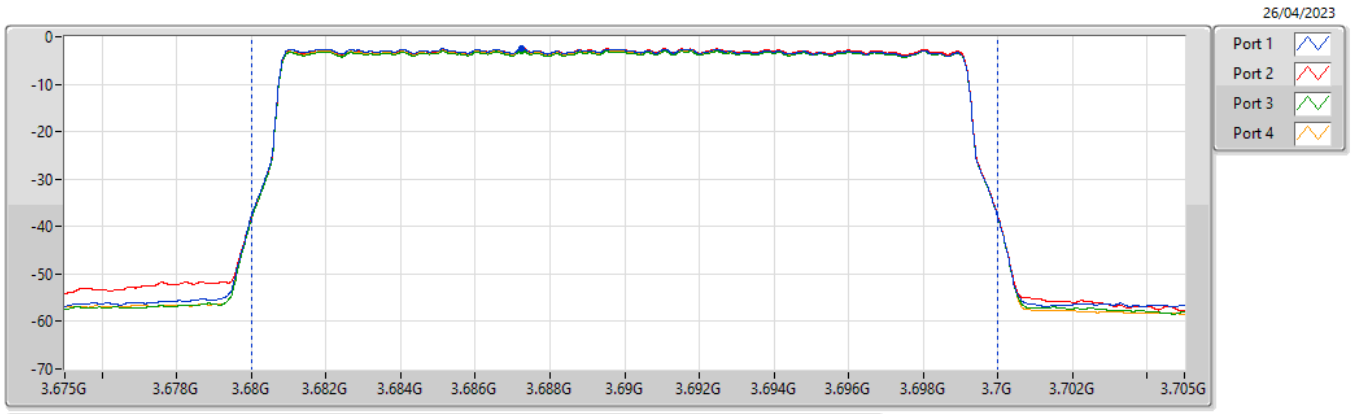
3625MHz_CP-OFDM_64QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
17.57	3.625G	30M	200k	1M	5m	RMS	20M	1
17.46	3.625G	30M	200k	1M	5m	RMS	20M	2
17.19	3.625G	30M	200k	1M	5m	RMS	20M	3
17.35	3.625G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
23.42								

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PowerAV**

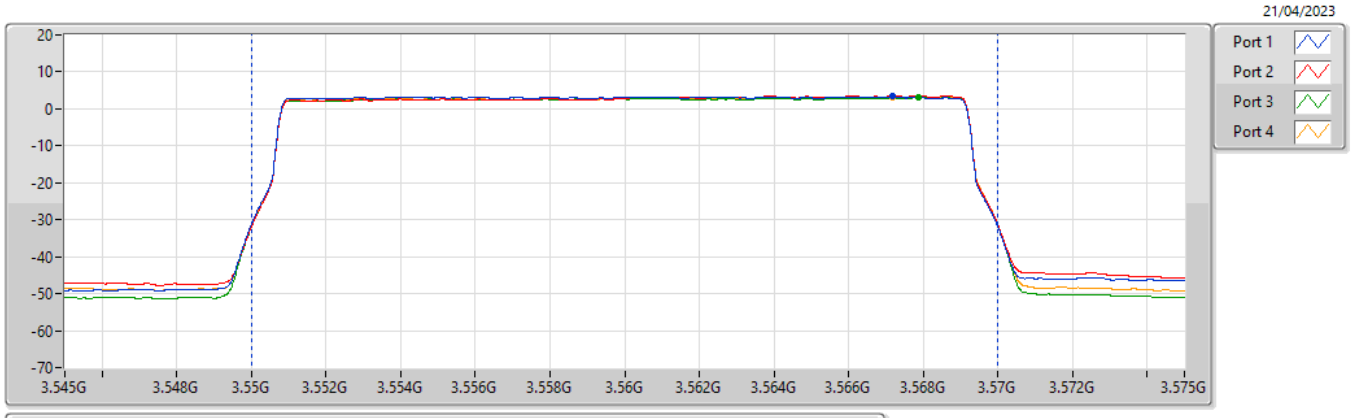
3690MHz_CP-OFDM_64QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
16.19	3.69G	30M	200k	1M	5m	RMS	20M	1
16.29	3.69G	30M	200k	1M	5m	RMS	20M	2
15.78	3.69G	30M	200k	1M	5m	RMS	20M	3
16.02	3.69G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
22.09								

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PowerAV**

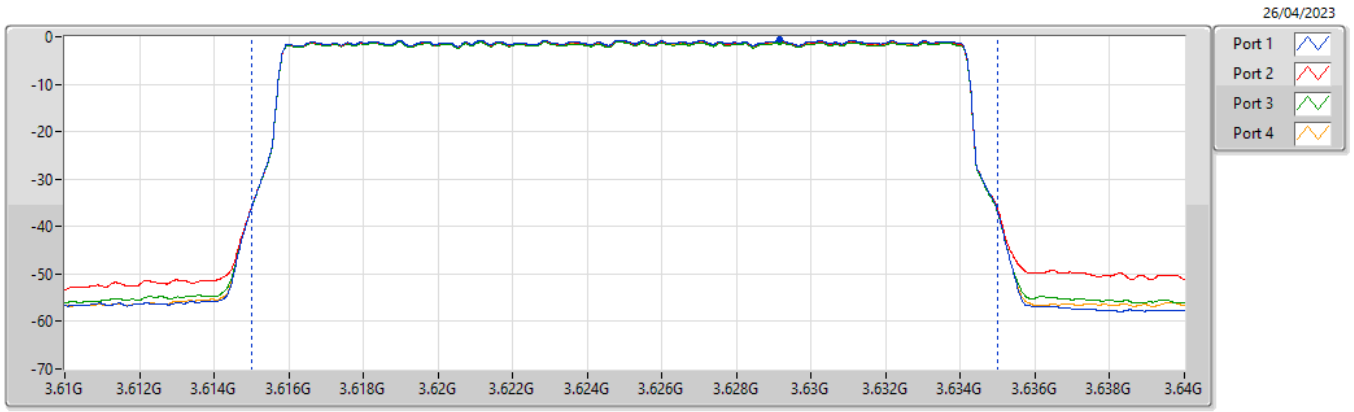
3560MHz_CP-OFDM_256QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
22.36	3.56G	30M	200k	1M	5m	RMS	20M	1
22.21	3.56G	30M	200k	1M	5m	RMS	20M	2
21.97	3.56G	30M	200k	1M	5m	RMS	20M	3
22.15	3.56G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
28.20								

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PowerAV**

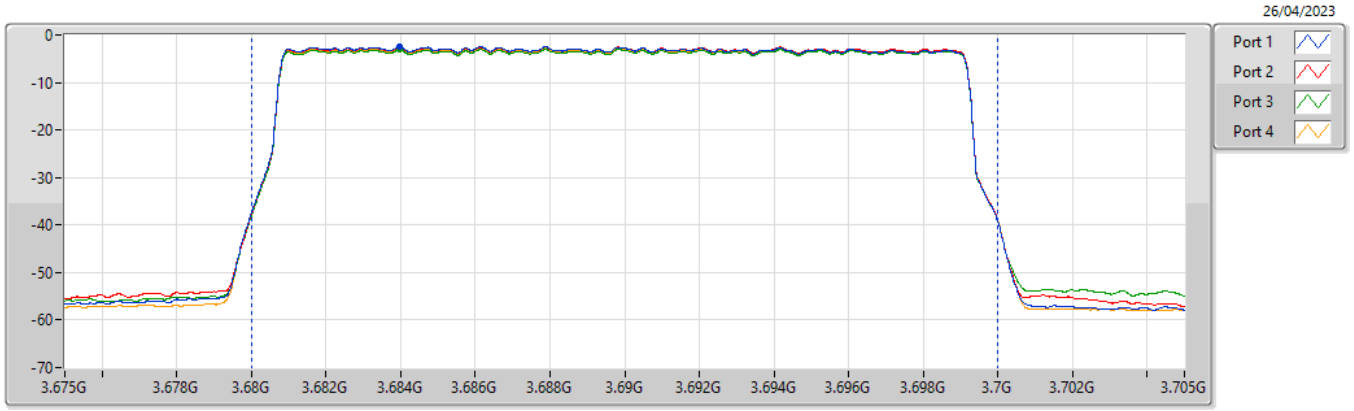
3625MHz_CP-OFDM_256QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
18.07	3.625G	30M	200k	1M	5m	RMS	20M	1
18.00	3.625G	30M	200k	1M	5m	RMS	20M	2
17.71	3.625G	30M	200k	1M	5m	RMS	20M	3
17.90	3.625G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
23.94								

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PowerAV**

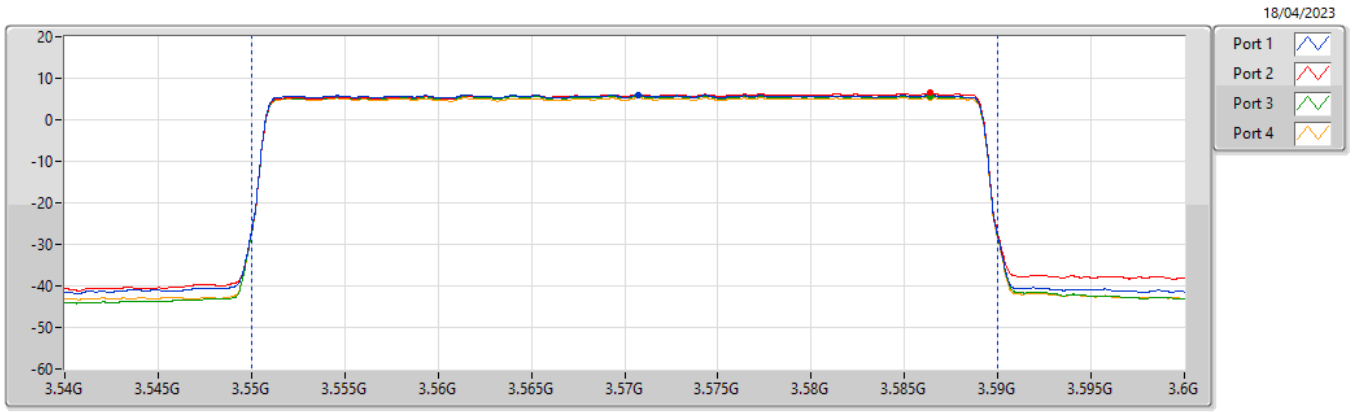
3690MHz_CP-OFDM_256QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
16.17	3.69G	30M	200k	1M	5m	RMS	20M	1
16.20	3.69G	30M	200k	1M	5m	RMS	20M	2
15.73	3.69G	30M	200k	1M	5m	RMS	20M	3
15.98	3.69G	30M	200k	1M	5m	RMS	20M	4
Sum(dBm)								
22.04								

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PowerAV**

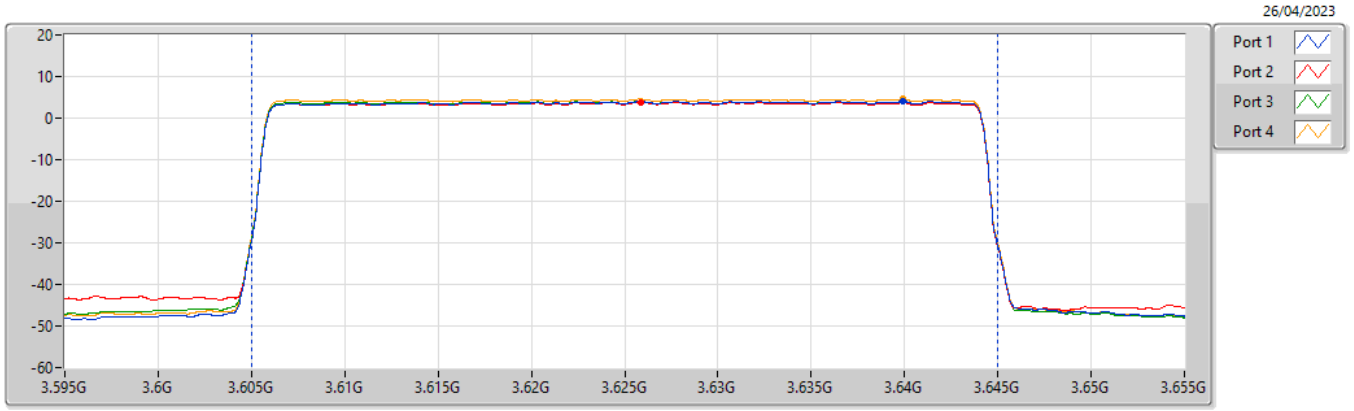
3570MHz_CP-OFDM_QPSK_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.17	3.57G	60M	500k	2M	5m	RMS	40M	1
24.31	3.57G	60M	500k	2M	5m	RMS	40M	2
23.91	3.57G	60M	500k	2M	5m	RMS	40M	3
23.54	3.57G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
30.01								

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PowerAV**

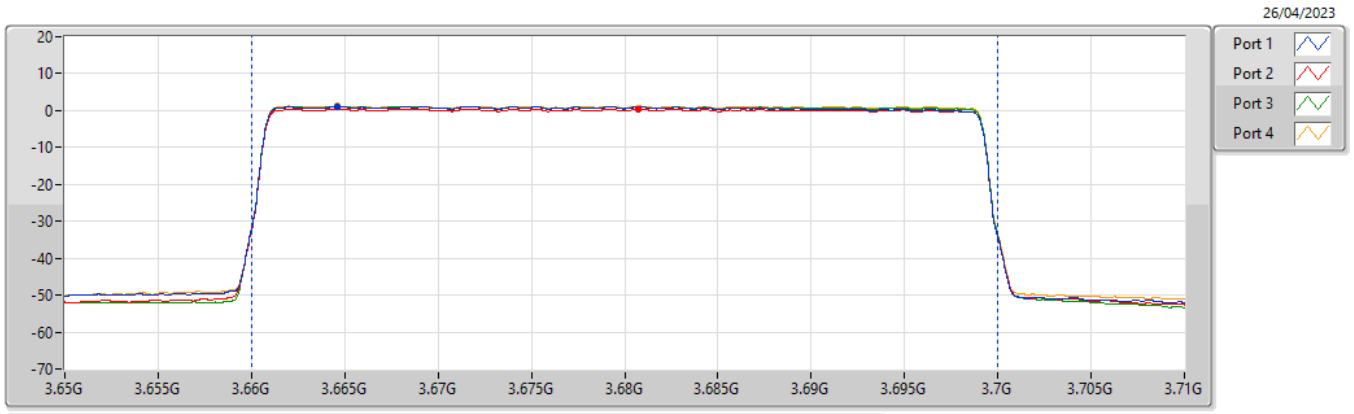
3625MHz_CP-OFDM_QPSK_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
22.18	3.625G	60M	500k	2M	5m	RMS	40M	1
21.99	3.625G	60M	500k	2M	5m	RMS	40M	2
22.26	3.625G	60M	500k	2M	5m	RMS	40M	3
22.82	3.625G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
28.34								

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PowerAV**

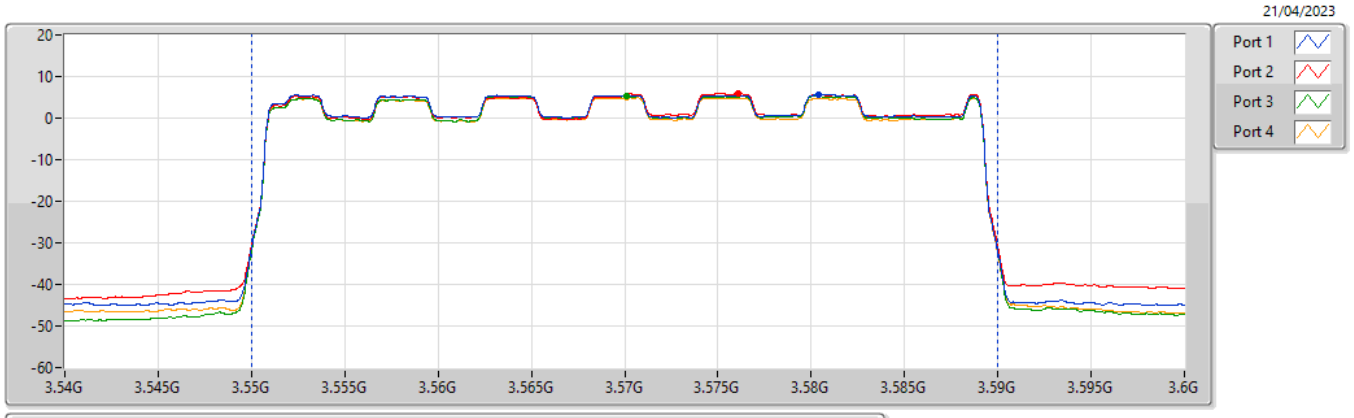
3680MHz_CP-OFDM_QPSK_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
19.13	3.68G	60M	500k	2M	5m	RMS	40M	1
18.62	3.68G	60M	500k	2M	5m	RMS	40M	2
19.28	3.68G	60M	500k	2M	5m	RMS	40M	3
19.47	3.68G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
25.16								

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PowerAV**

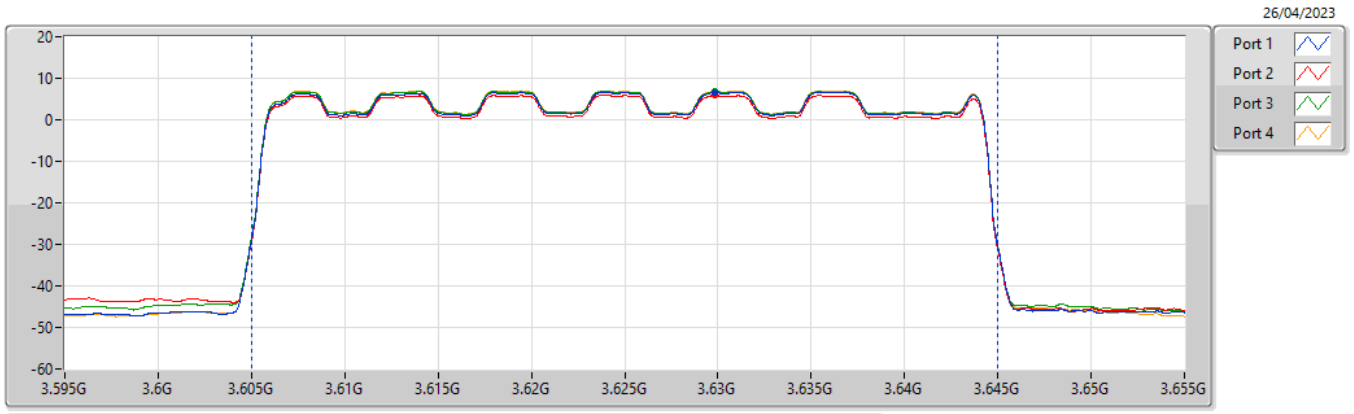
3570MHz_CP-OFDM_16QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
24.13	3.57G	60M	300k	2M	5m	RMS	40M	1
24.10	3.57G	60M	300k	2M	5m	RMS	40M	2
23.67	3.57G	60M	300k	2M	5m	RMS	40M	3
23.40	3.57G	60M	300k	2M	5m	RMS	40M	4
Sum(dBm)								
29.86								

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PowerAV**

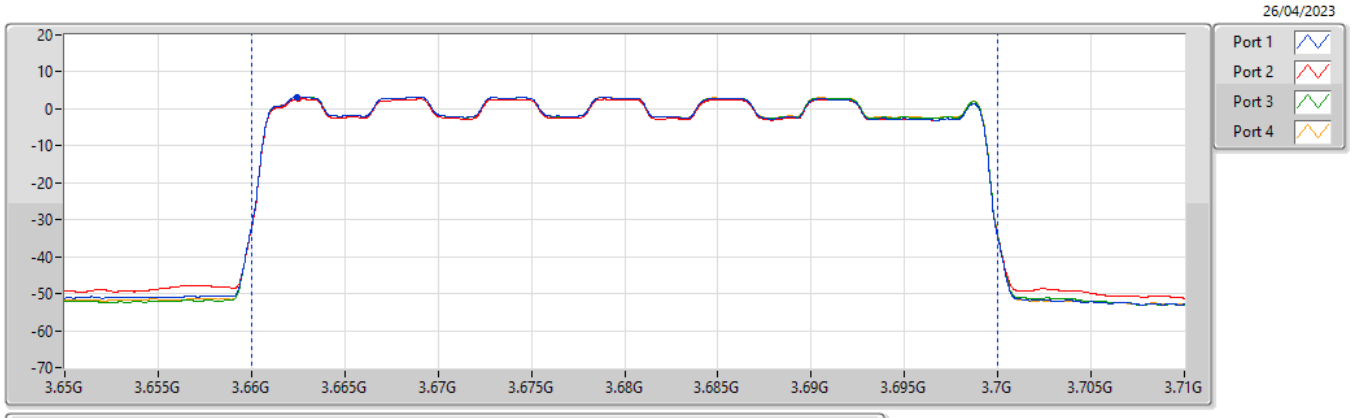
3625MHz_CP-OFDM_16QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
22.88	3.625G	60M	500k	2M	5m	RMS	40M	1
22.21	3.625G	60M	500k	2M	5m	RMS	40M	2
23.16	3.625G	60M	500k	2M	5m	RMS	40M	3
23.29	3.625G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
28.93								

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PowerAV**

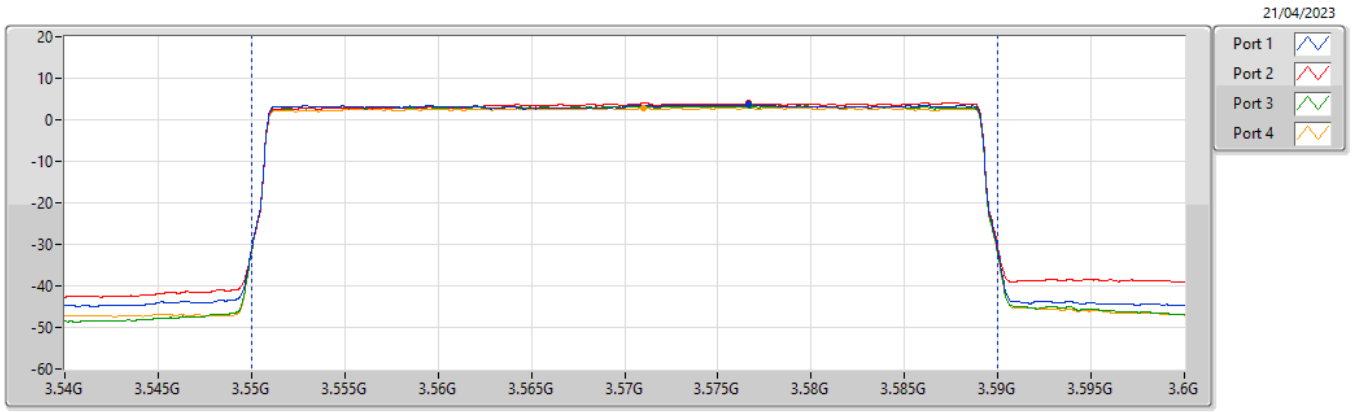
3680MHz_CP-OFDM_16QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
19.33	3.68G	60M	500k	2M	5m	RMS	40M	1
18.94	3.68G	60M	500k	2M	5m	RMS	40M	2
19.41	3.68G	60M	500k	2M	5m	RMS	40M	3
19.46	3.68G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
25.31								

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PowerAV**

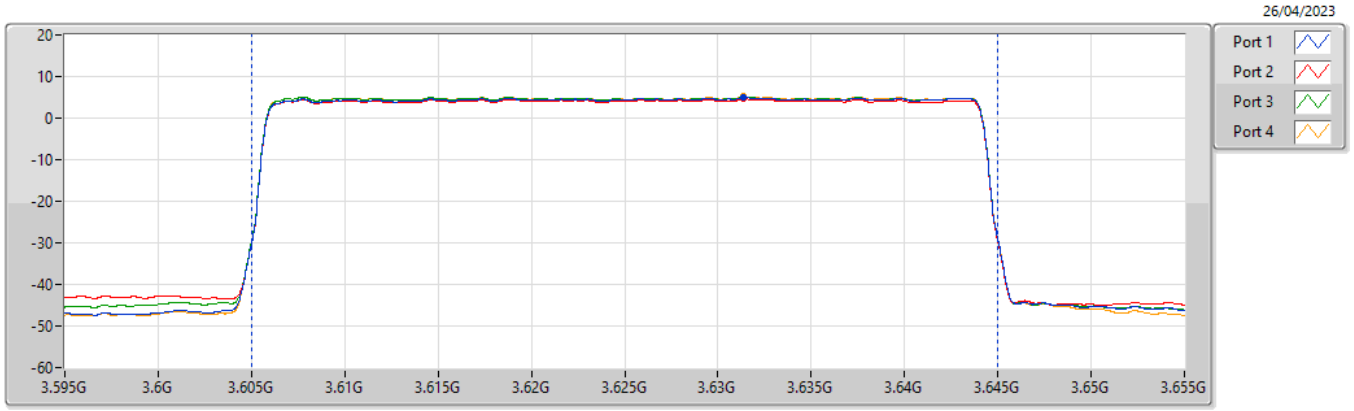
3570MHz_CP-OFDM_64QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.96	3.57G	60M	300k	2M	5m	RMS	40M	1
24.26	3.57G	60M	300k	2M	5m	RMS	40M	2
23.75	3.57G	60M	300k	2M	5m	RMS	40M	3
23.34	3.57G	60M	300k	2M	5m	RMS	40M	4
Sum(dBm)								
29.86								

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PowerAV**

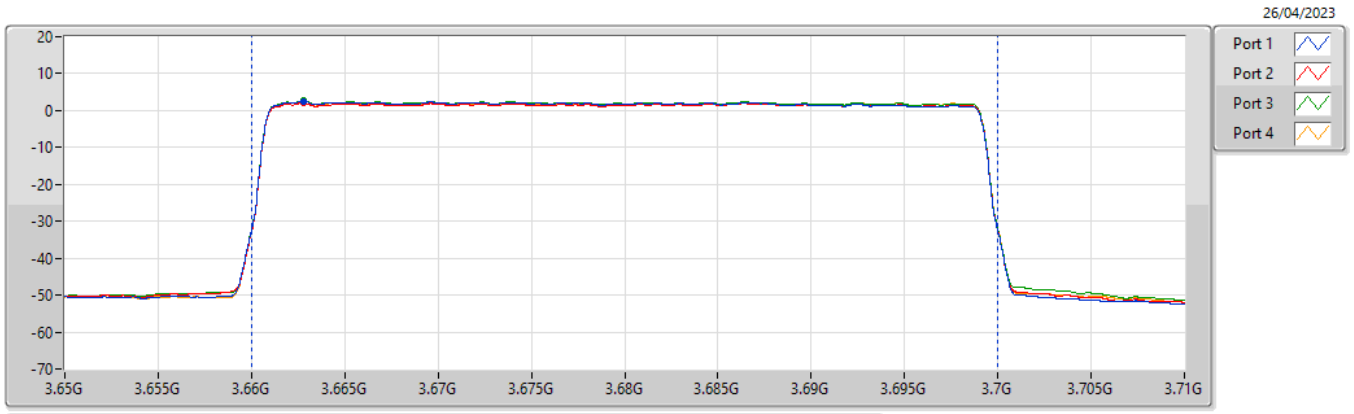
3625MHz_CP-OFDM_64QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
22.94	3.625G	60M	500k	2M	5m	RMS	40M	1
22.63	3.625G	60M	500k	2M	5m	RMS	40M	2
23.16	3.625G	60M	500k	2M	5m	RMS	40M	3
23.22	3.625G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
29.01								

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PowerAV**

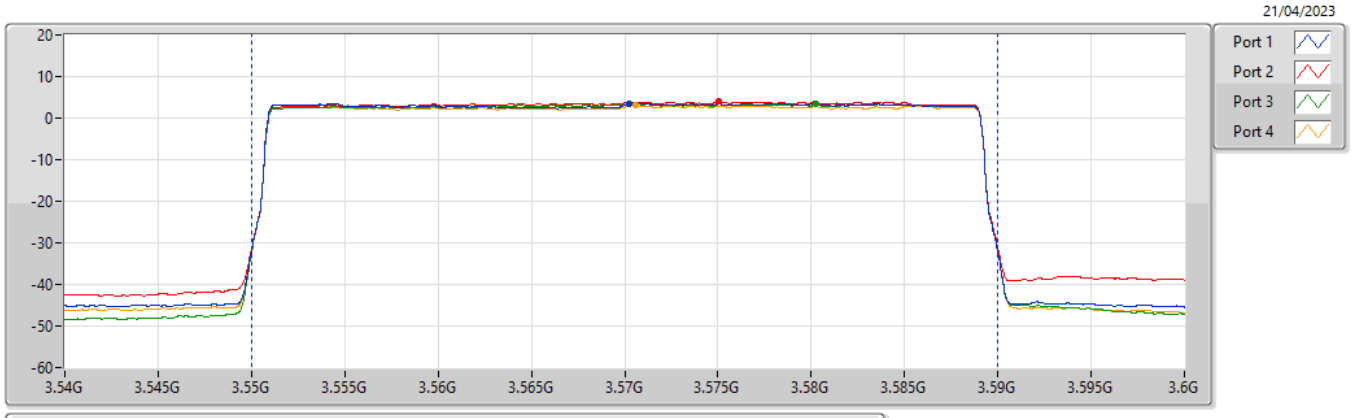
3680MHz_CP-OFDM_64QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
20.32	3.68G	60M	500k	2M	5m	RMS	40M	1
20.07	3.68G	60M	500k	2M	5m	RMS	40M	2
20.52	3.68G	60M	500k	2M	5m	RMS	40M	3
20.45	3.68G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
26.36								

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PowerAV**

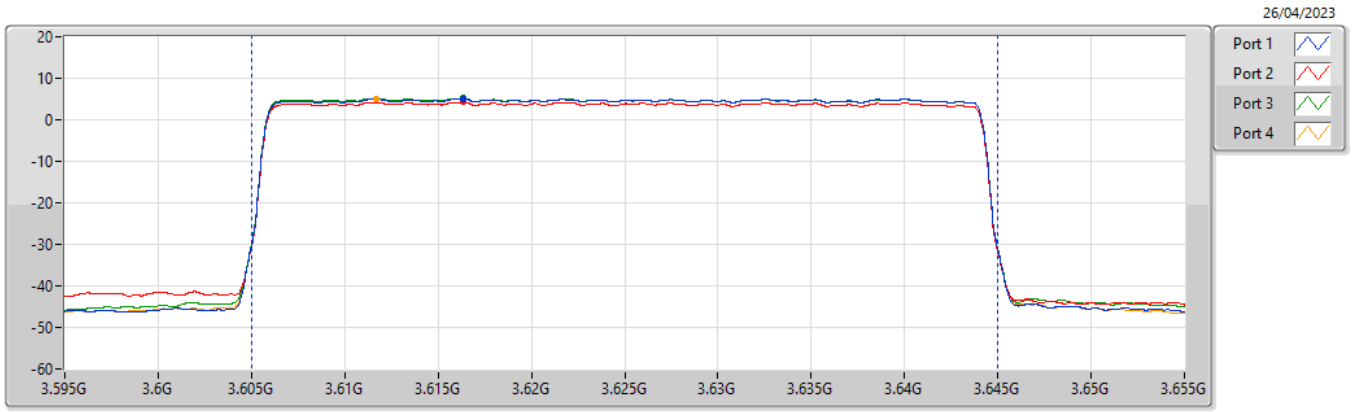
3570MHz_CP-OFDM_256QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.78	3.57G	60M	300k	2M	5m	RMS	40M	1
24.12	3.57G	60M	300k	2M	5m	RMS	40M	2
23.69	3.57G	60M	300k	2M	5m	RMS	40M	3
23.26	3.57G	60M	300k	2M	5m	RMS	40M	4
Sum(dBm)								
29.74								

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PowerAV**

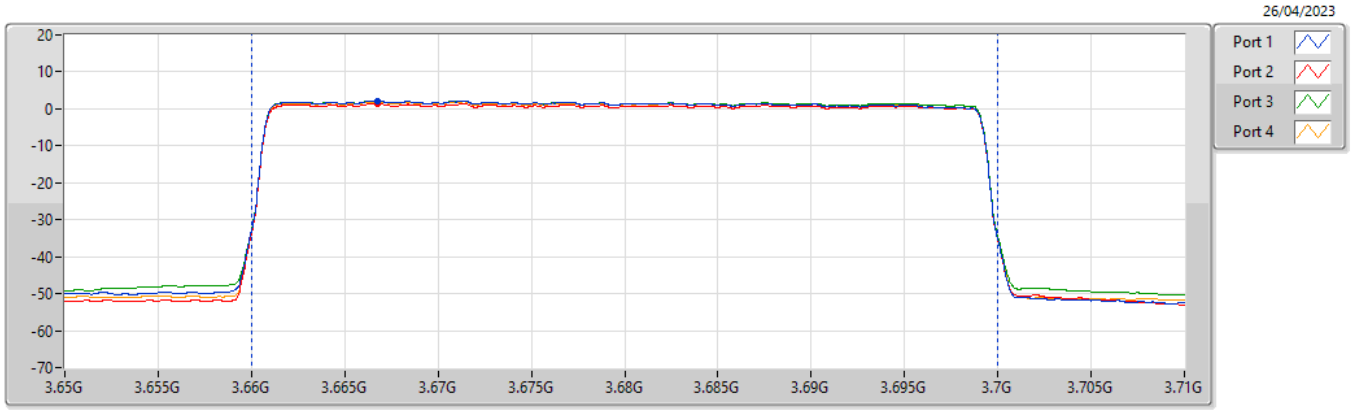
3625MHz_CP-OFDM_256QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
23.13	3.625G	60M	500k	2M	5m	RMS	40M	1
22.27	3.625G	60M	500k	2M	5m	RMS	40M	2
23.19	3.625G	60M	500k	2M	5m	RMS	40M	3
23.19	3.625G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
28.98								

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PowerAV**

3680MHz_CP-OFDM_256QAM_Outer_Full



CP(dBm)	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)	Sweep(s)	Detector	CP BW(Hz)	Port
19.86	3.68G	60M	500k	2M	5m	RMS	40M	1
19.24	3.68G	60M	500k	2M	5m	RMS	40M	2
19.99	3.68G	60M	500k	2M	5m	RMS	40M	3
19.84	3.68G	60M	500k	2M	5m	RMS	40M	4
Sum(dBm)								
25.76								

Summary

Mode	Power (dBm/10MHz)	EIRP (dBm/10MHz)
Band n48	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	25.96	29.94
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	25.41	29.39
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	25.32	29.30
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	25.53	29.51
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	24.27	28.25
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	24.55	28.53
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	24.02	28.00
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	24.04	28.02

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

Result

Mode	Result	MBW (Hz)	DG (dBi)	Power (dBm/10MHz)	EIRP (dBm/10MHz)	EIRP Limit (dBm/10MHz)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	3.98	24.51	28.49	30.00
3625MHz_Outer_Full	Pass	10M	3.98	25.96	29.94	30.00
3690MHz_Outer_Full	Pass	10M	3.98	19.88	23.86	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	3.98	25.41	29.39	30.00
3625MHz_Outer_Full	Pass	10M	3.98	20.96	24.94	30.00
3690MHz_Outer_Full	Pass	10M	3.98	20.95	24.93	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	3.98	25.32	29.30	30.00
3625MHz_Outer_Full	Pass	10M	3.98	20.89	24.87	30.00
3690MHz_Outer_Full	Pass	10M	3.98	19.50	23.48	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	3.98	25.53	29.51	30.00
3625MHz_Outer_Full	Pass	10M	3.98	21.35	25.33	30.00
3690MHz_Outer_Full	Pass	10M	3.98	19.44	23.42	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	3.98	24.27	28.25	30.00
3625MHz_Outer_Full	Pass	10M	3.98	22.76	26.74	30.00
3680MHz_Outer_Full	Pass	10M	3.98	19.68	23.66	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	3.98	24.55	28.53	30.00
3625MHz_Outer_Full	Pass	10M	3.98	23.72	27.70	30.00
3680MHz_Outer_Full	Pass	10M	3.98	19.97	23.95	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	3.98	24.02	28.00	30.00
3625MHz_Outer_Full	Pass	10M	3.98	23.26	27.24	30.00
3680MHz_Outer_Full	Pass	10M	3.98	20.55	24.53	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	3.98	24.04	28.02	30.00
3625MHz_Outer_Full	Pass	10M	3.98	23.34	27.32	30.00
3680MHz_Outer_Full	Pass	10M	3.98	20.11	24.09	30.00

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

Summary

Mode	PD (dBm/MHz)	EIRP PD (dBm/MHz)
Band n48	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	15.01	18.99
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	15.93	19.91
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	14.44	18.42
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	15.29	19.27
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	13.37	17.35
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	15.74	19.72
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	13.65	17.63
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	13.73	17.71

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

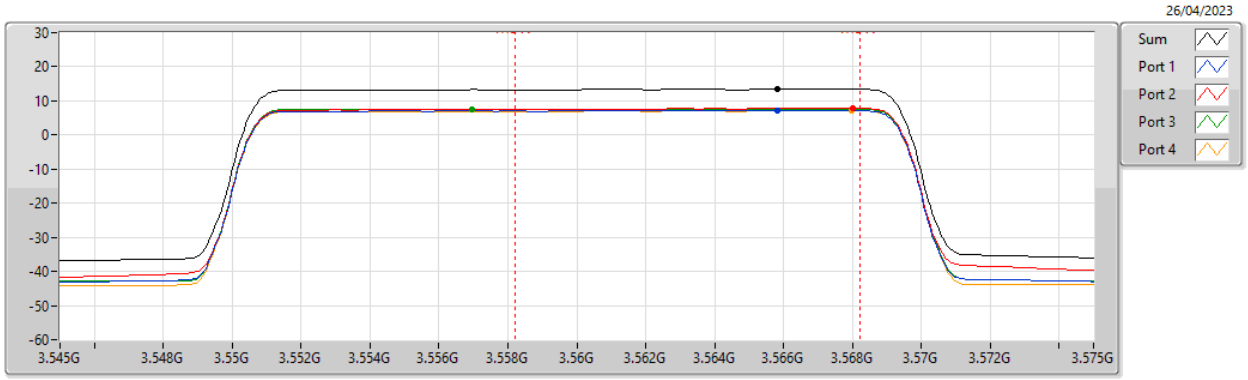
Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	Sum (dBm/MHz)	PD (dBm/MHz)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	7.09	7.79	7.55	7.06	13.38	13.38	17.36	20.00
3625MHz_Outer_Full	Pass	3.98	9.16	8.97	8.71	9.15	15.01	15.01	18.99	20.00
3690MHz_Outer_Full	Pass	3.98	3.16	2.97	2.63	2.80	8.90	8.90	12.88	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	10.02	10.08	9.70	9.82	15.93	15.93	19.91	20.00
3625MHz_Outer_Full	Pass	3.98	6.87	5.44	5.13	5.29	11.62	11.62	15.60	20.00
3690MHz_Outer_Full	Pass	3.98	5.56	5.36	5.12	5.32	11.33	11.33	15.31	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	8.56	8.53	8.27	8.32	14.44	14.44	18.42	20.00
3625MHz_Outer_Full	Pass	3.98	6.77	3.90	3.57	3.71	10.68	10.68	14.66	20.00
3690MHz_Outer_Full	Pass	3.98	2.76	2.72	2.23	2.41	8.55	8.55	12.53	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	9.30	9.40	9.17	9.44	15.29	15.29	19.27	20.00
3625MHz_Outer_Full	Pass	3.98	4.54	4.42	4.13	4.33	10.37	10.37	14.35	20.00
3690MHz_Outer_Full	Pass	3.98	2.70	2.64	2.14	2.32	8.45	8.45	12.43	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	7.54	7.92	7.29	6.98	13.37	13.37	17.35	20.00
3625MHz_Outer_Full	Pass	3.98	5.72	5.24	6.21	6.22	11.87	11.87	15.85	20.00
3680MHz_Outer_Full	Pass	3.98	2.69	2.58	2.67	3.06	8.77	8.77	12.75	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	10.09	10.02	9.58	9.32	15.74	15.74	19.72	20.00
3625MHz_Outer_Full	Pass	3.98	8.27	7.86	8.51	8.57	14.33	14.33	18.31	20.00
3680MHz_Outer_Full	Pass	3.98	4.52	4.00	4.49	4.71	10.42	10.42	14.40	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	7.92	8.26	7.70	7.26	13.65	13.65	17.63	20.00
3625MHz_Outer_Full	Pass	3.98	6.33	5.93	6.49	6.57	12.36	12.36	16.34	20.00
3680MHz_Outer_Full	Pass	3.98	3.74	3.26	3.67	3.71	9.61	9.61	13.59	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	8.19	8.39	7.70	7.09	13.73	13.73	17.71	20.00
3625MHz_Outer_Full	Pass	3.98	6.33	6.04	6.74	6.57	12.45	12.45	16.43	20.00
3680MHz_Outer_Full	Pass	3.98	3.36	2.82	3.44	3.49	9.31	9.31	13.29	20.00

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

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

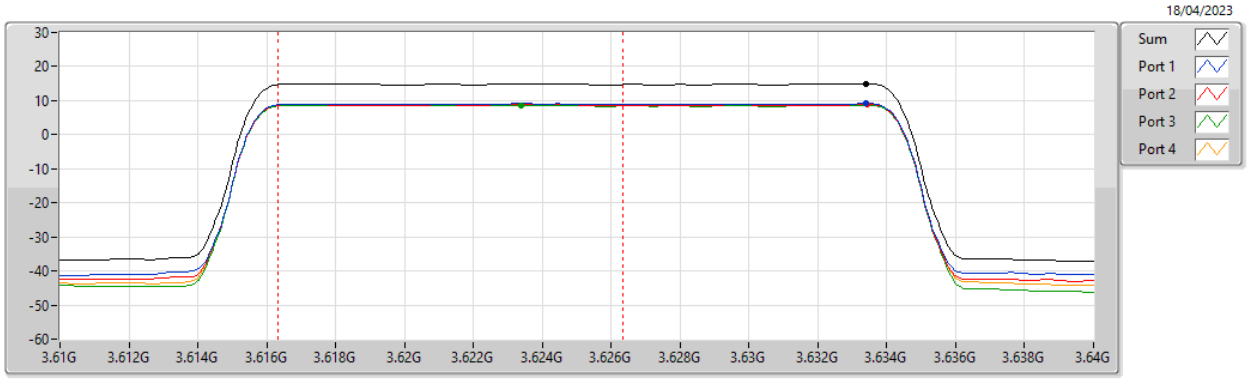
3560MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.09	3.56G	30M	1M	3M	1m	RMS	1
7.79	3.56G	30M	1M	3M	1m	RMS	2
7.55	3.56G	30M	1M	3M	1m	RMS	3
7.06	3.56G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.38	24.51						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

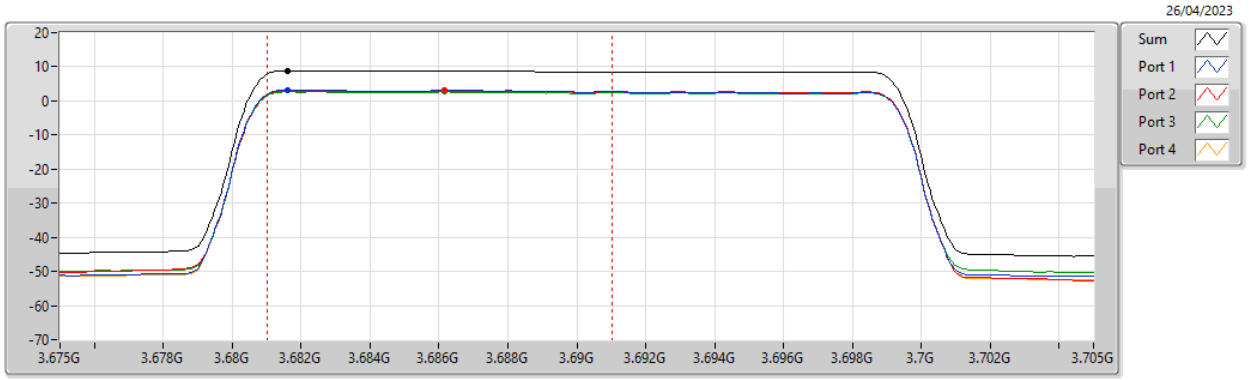
3625MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.16	3.625G	30M	1M	3M	1m	RMS	1
8.97	3.625G	30M	1M	3M	1m	RMS	2
8.71	3.625G	30M	1M	3M	1m	RMS	3
9.15	3.625G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.01	25.96						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

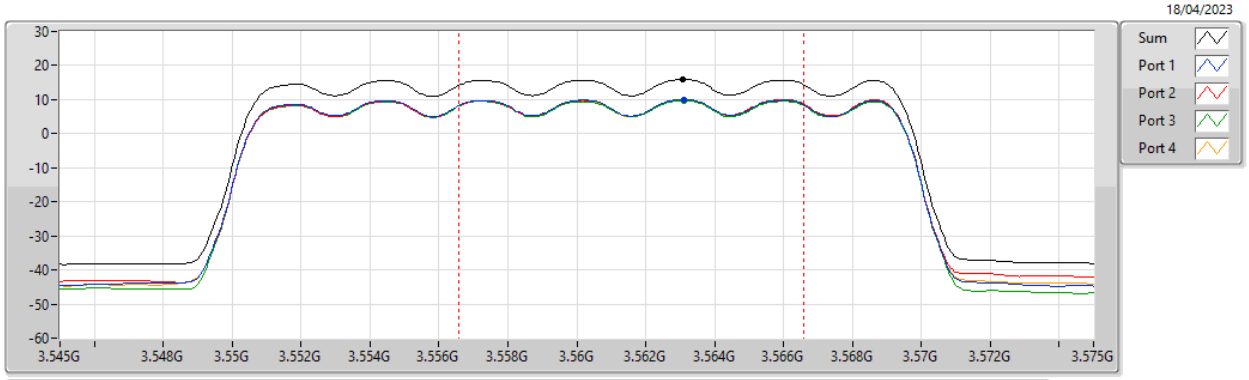
3690MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.16	3.69G	30M	1M	3M	1m	RMS	1
2.97	3.69G	30M	1M	3M	1m	RMS	2
2.63	3.69G	30M	1M	3M	1m	RMS	3
2.80	3.69G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
8.90	19.88						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

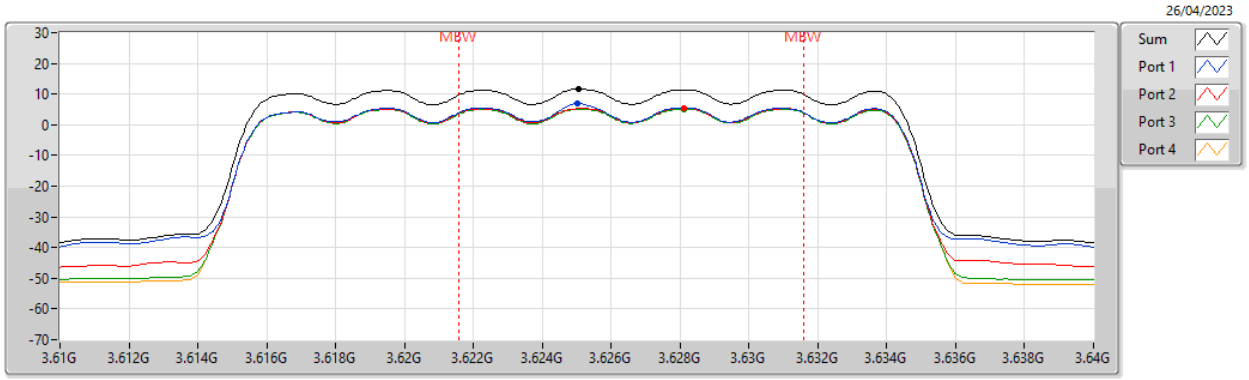
3560MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.02	3.56G	30M	1M	3M	1m	RMS	1
10.08	3.56G	30M	1M	3M	1m	RMS	2
9.70	3.56G	30M	1M	3M	1m	RMS	3
9.82	3.56G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.93	25.41						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

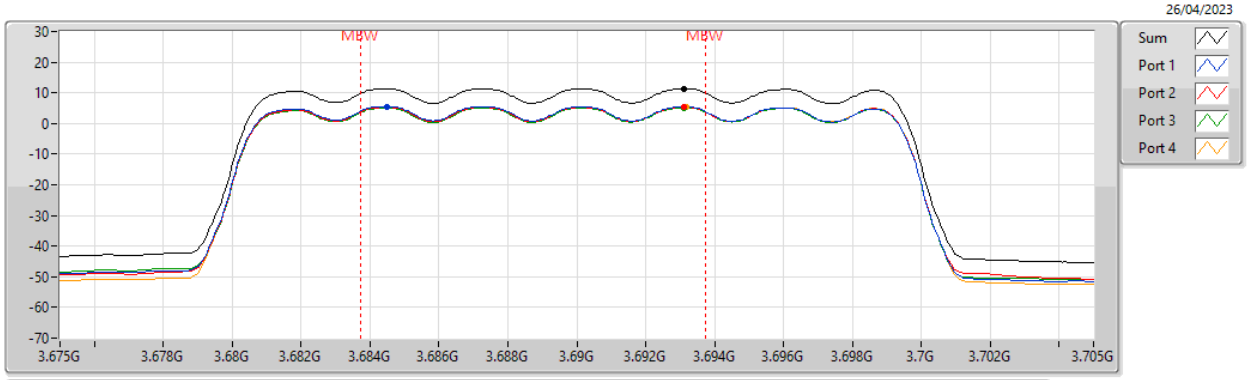
3625MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
6.87	3.625G	30M	1M	3M	1m	RMS	1
5.44	3.625G	30M	1M	3M	1m	RMS	2
5.13	3.625G	30M	1M	3M	1m	RMS	3
5.29	3.625G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
11.62	20.96						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

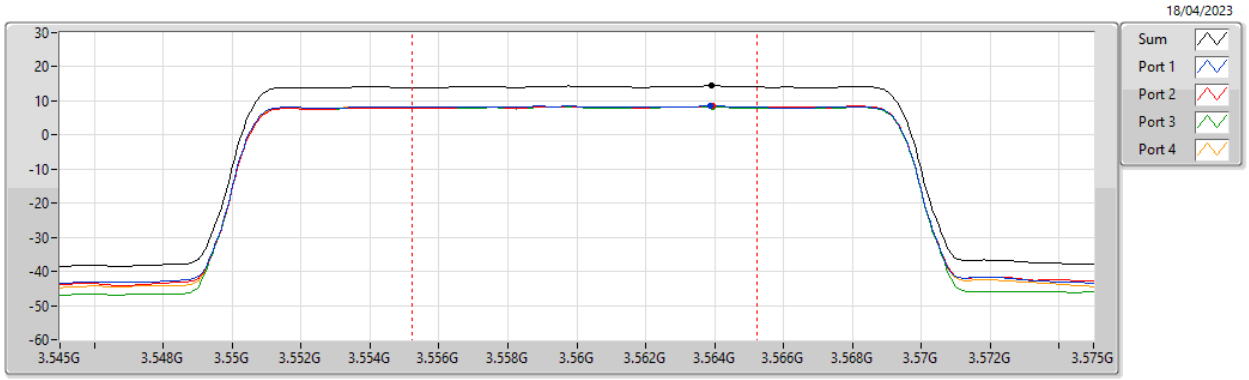
3690MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.56	3.69G	30M	1M	3M	1m	RMS	1
5.36	3.69G	30M	1M	3M	1m	RMS	2
5.12	3.69G	30M	1M	3M	1m	RMS	3
5.32	3.69G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
11.33	20.95						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

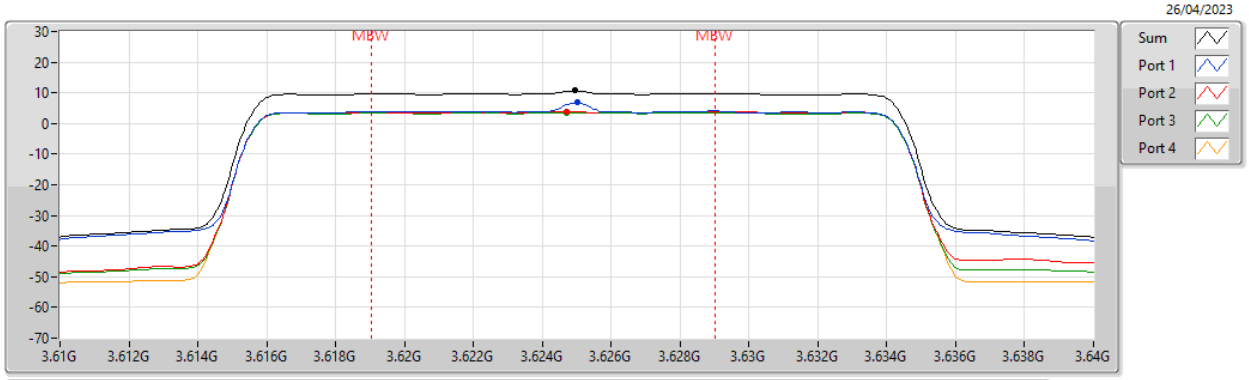
3560MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.56	3.56G	30M	1M	3M	1m	RMS	1
8.53	3.56G	30M	1M	3M	1m	RMS	2
8.27	3.56G	30M	1M	3M	1m	RMS	3
8.32	3.56G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.44	25.32						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

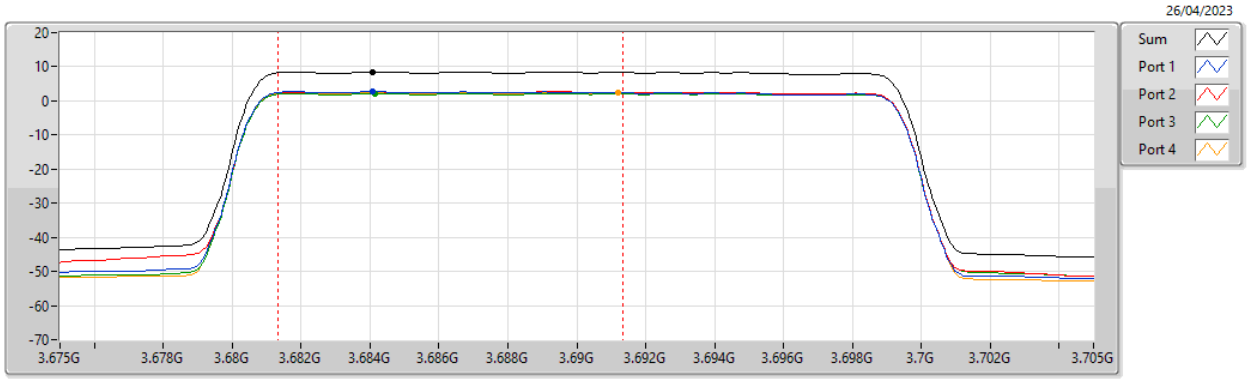
3625MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
6.77	3.625G	30M	1M	3M	1m	RMS	1
3.90	3.625G	30M	1M	3M	1m	RMS	2
3.57	3.625G	30M	1M	3M	1m	RMS	3
3.71	3.625G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
10.68	20.89						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

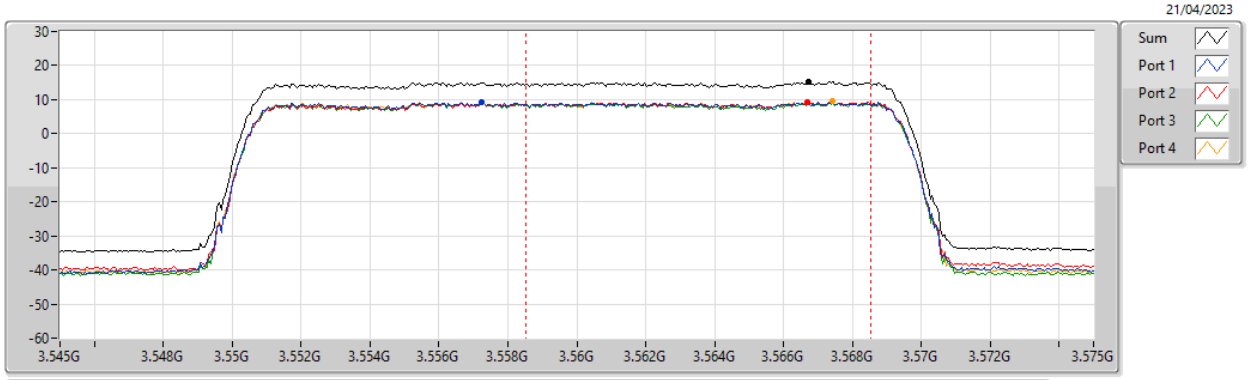
3690MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
2.76	3.69G	30M	1M	3M	1m	RMS	1
2.72	3.69G	30M	1M	3M	1m	RMS	2
2.23	3.69G	30M	1M	3M	1m	RMS	3
2.41	3.69G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
8.55	19.50						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

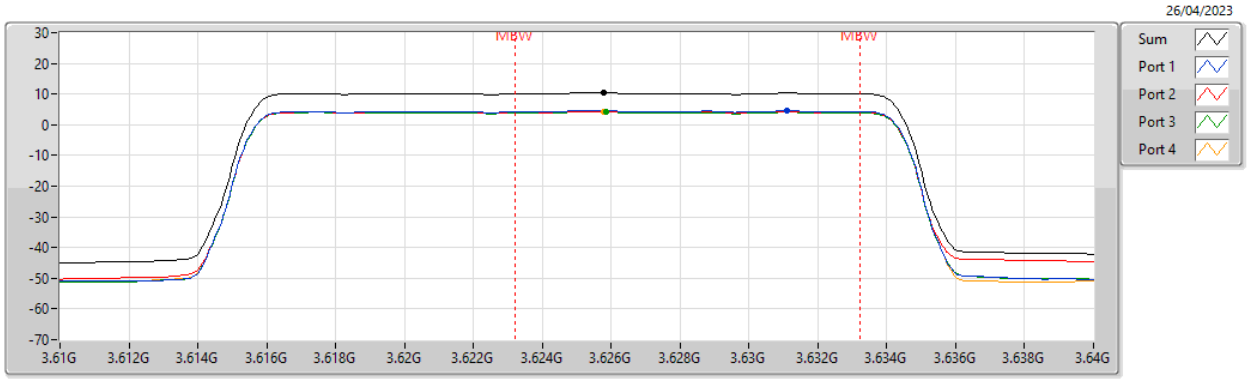
3560MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.30	3.56G	30M	1M	3M	2.08m	RMS	1
9.40	3.56G	30M	1M	3M	2.08m	RMS	2
9.17	3.56G	30M	1M	3M	2.08m	RMS	3
9.44	3.56G	30M	1M	3M	2.08m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.29	25.53						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

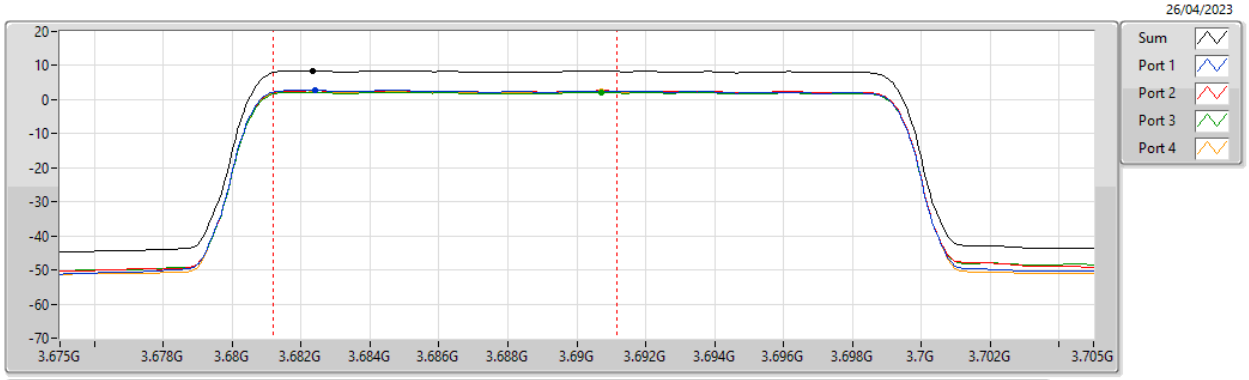
3625MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
4.54	3.625G	30M	1M	3M	1m	RMS	1
4.42	3.625G	30M	1M	3M	1m	RMS	2
4.13	3.625G	30M	1M	3M	1m	RMS	3
4.33	3.625G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
10.37	21.35						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

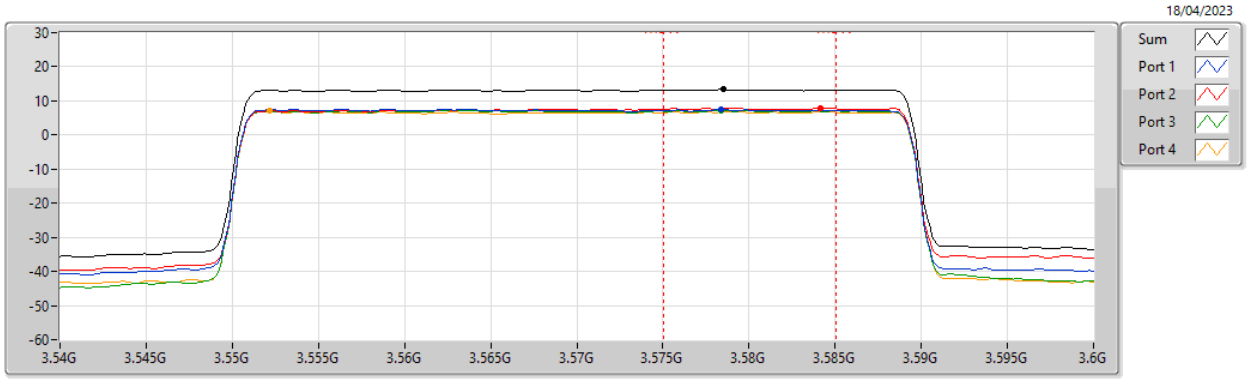
3690MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
2.70	3.69G	30M	1M	3M	1m	RMS	1
2.64	3.69G	30M	1M	3M	1m	RMS	2
2.14	3.69G	30M	1M	3M	1m	RMS	3
2.32	3.69G	30M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
8.45	19.44						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

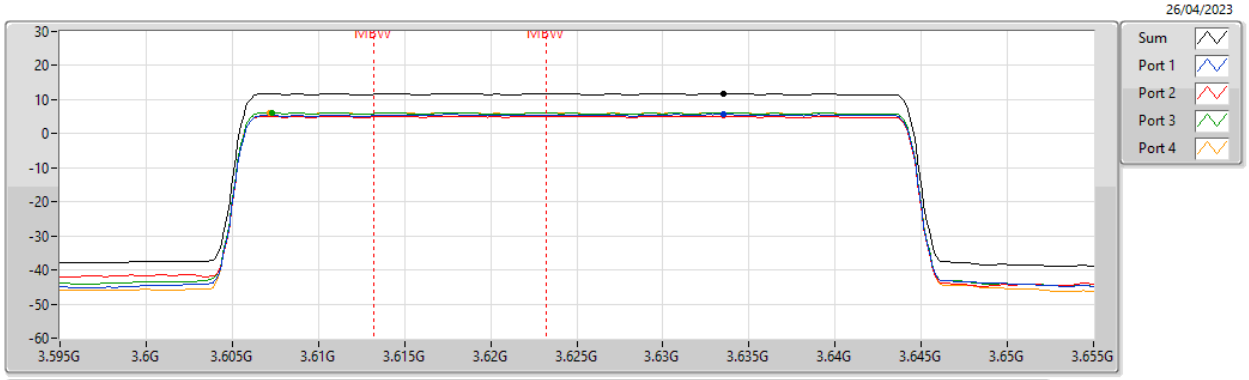
3570MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.54	3.57G	60M	1M	3M	1m	RMS	1
7.92	3.57G	60M	1M	3M	1m	RMS	2
7.29	3.57G	60M	1M	3M	1m	RMS	3
6.98	3.57G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.37	24.27						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

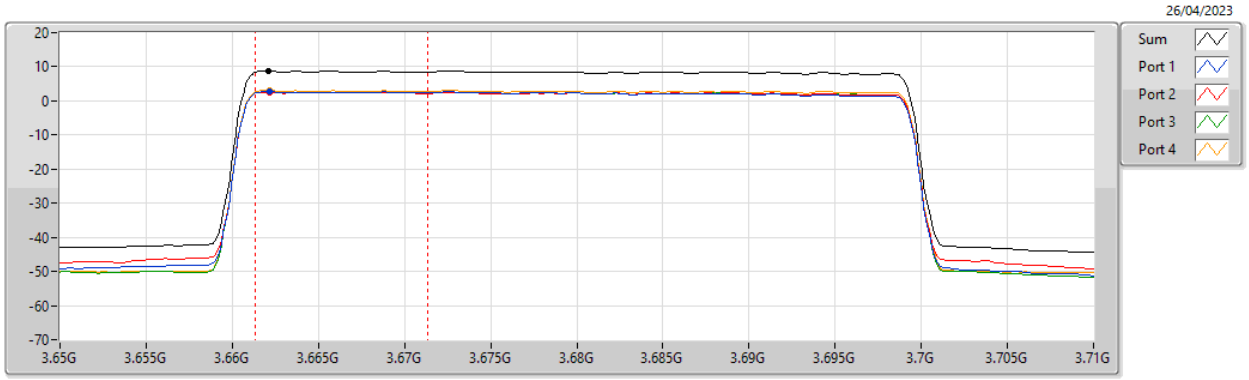
3625MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.72	3.625G	60M	1M	3M	1m	RMS	1
5.24	3.625G	60M	1M	3M	1m	RMS	2
6.21	3.625G	60M	1M	3M	1m	RMS	3
6.22	3.625G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
11.87	22.76						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

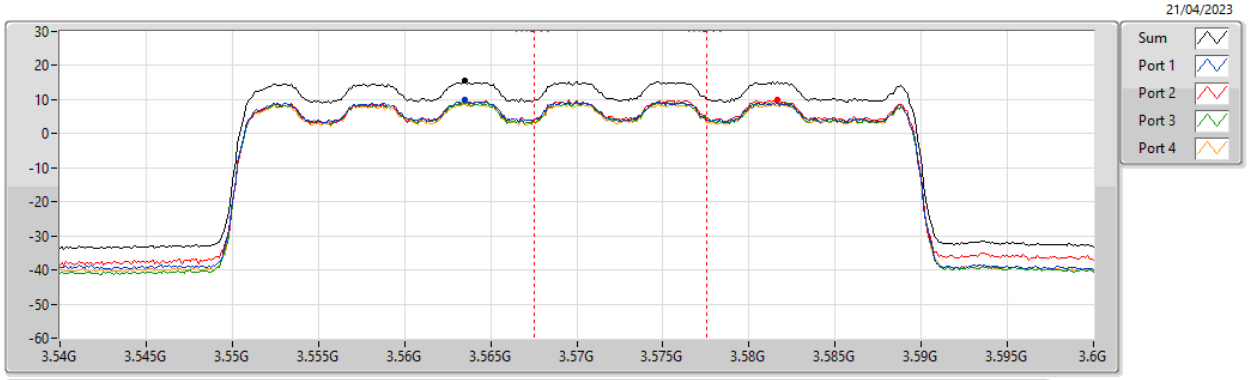
3680MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
2.69	3.68G	60M	1M	3M	1m	RMS	1
2.58	3.68G	60M	1M	3M	1m	RMS	2
2.67	3.68G	60M	1M	3M	1m	RMS	3
3.06	3.68G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
8.77	19.68						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

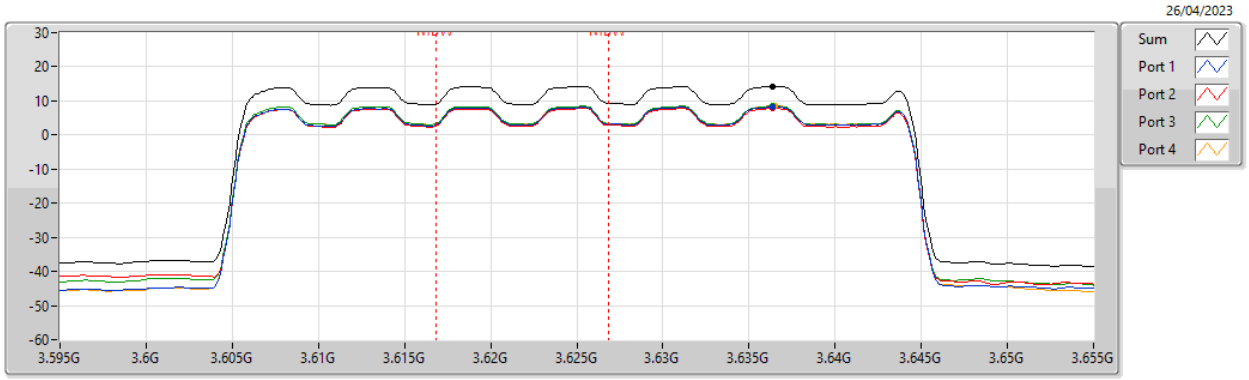
3570MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.09	3.57G	60M	1M	3M	2.08m	RMS	1
10.02	3.57G	60M	1M	3M	2.08m	RMS	2
9.58	3.57G	60M	1M	3M	2.08m	RMS	3
9.32	3.57G	60M	1M	3M	2.08m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.74	24.55						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

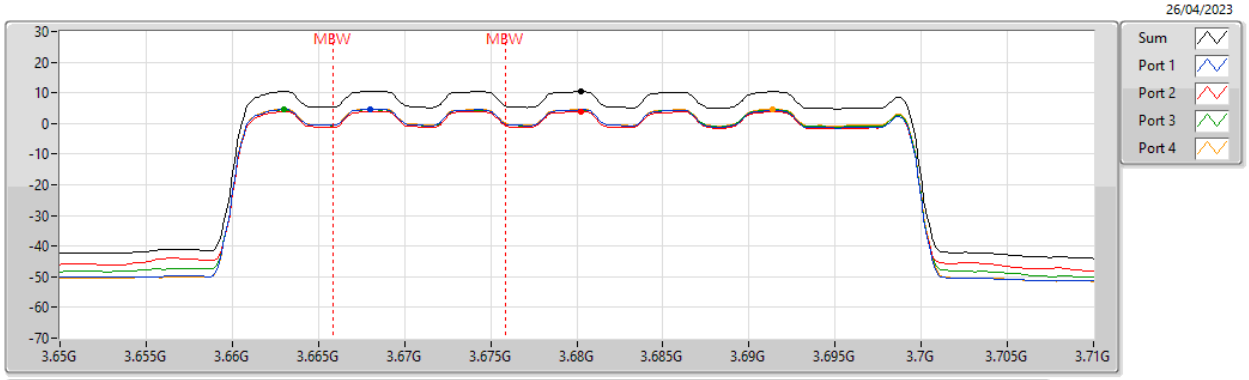
3625MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.27	3.625G	60M	1M	3M	1m	RMS	1
7.86	3.625G	60M	1M	3M	1m	RMS	2
8.51	3.625G	60M	1M	3M	1m	RMS	3
8.57	3.625G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.33	23.72						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

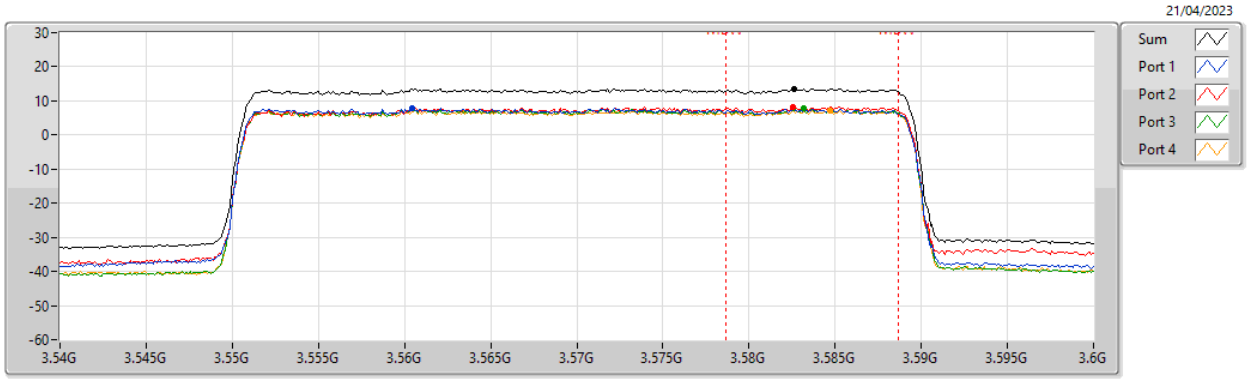
3680MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
4.52	3.68G	60M	1M	3M	1m	RMS	1
4.00	3.68G	60M	1M	3M	1m	RMS	2
4.49	3.68G	60M	1M	3M	1m	RMS	3
4.71	3.68G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
10.42	19.97						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

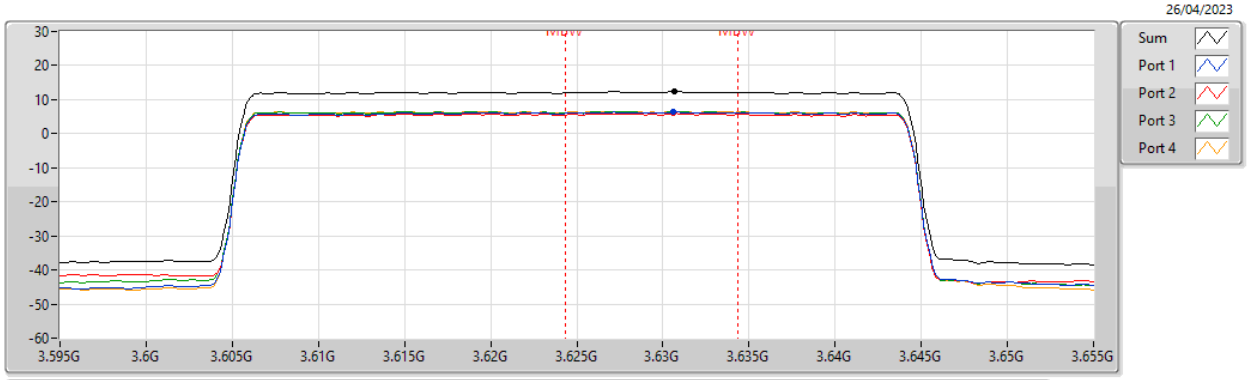
3570MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.92	3.57G	60M	1M	3M	2.08m	RMS	1
8.26	3.57G	60M	1M	3M	2.08m	RMS	2
7.70	3.57G	60M	1M	3M	2.08m	RMS	3
7.26	3.57G	60M	1M	3M	2.08m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.65	24.02						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

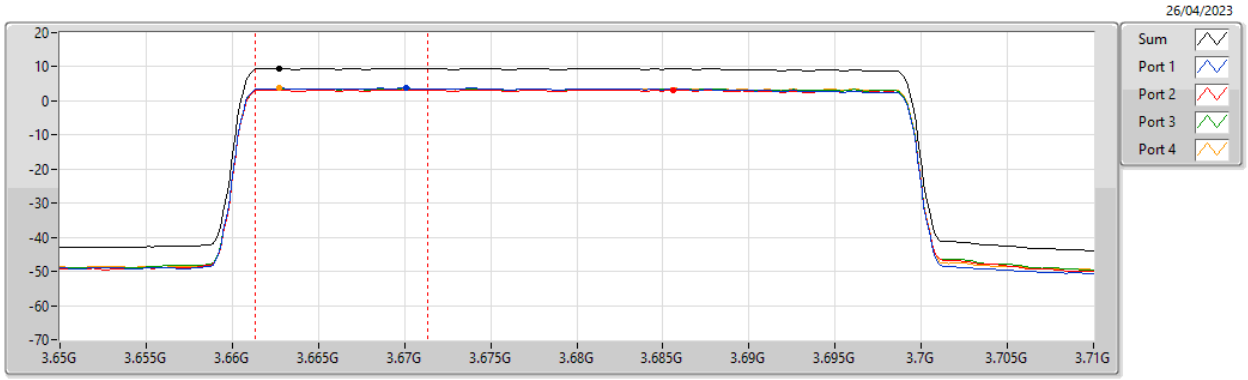
3625MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
6.33	3.625G	60M	1M	3M	1m	RMS	1
5.93	3.625G	60M	1M	3M	1m	RMS	2
6.49	3.625G	60M	1M	3M	1m	RMS	3
6.57	3.625G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
12.36	23.26						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

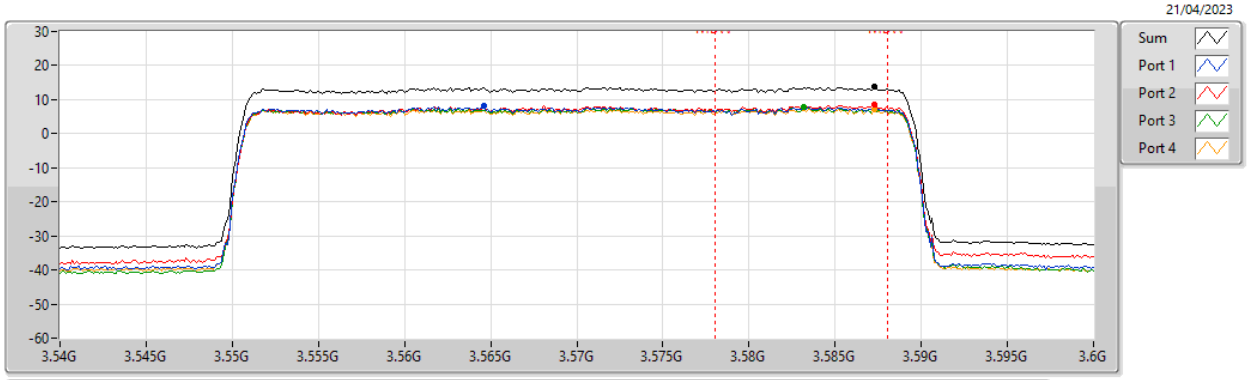
3680MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.74	3.68G	60M	1M	3M	1m	RMS	1
3.26	3.68G	60M	1M	3M	1m	RMS	2
3.67	3.68G	60M	1M	3M	1m	RMS	3
3.71	3.68G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
9.61	20.55						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

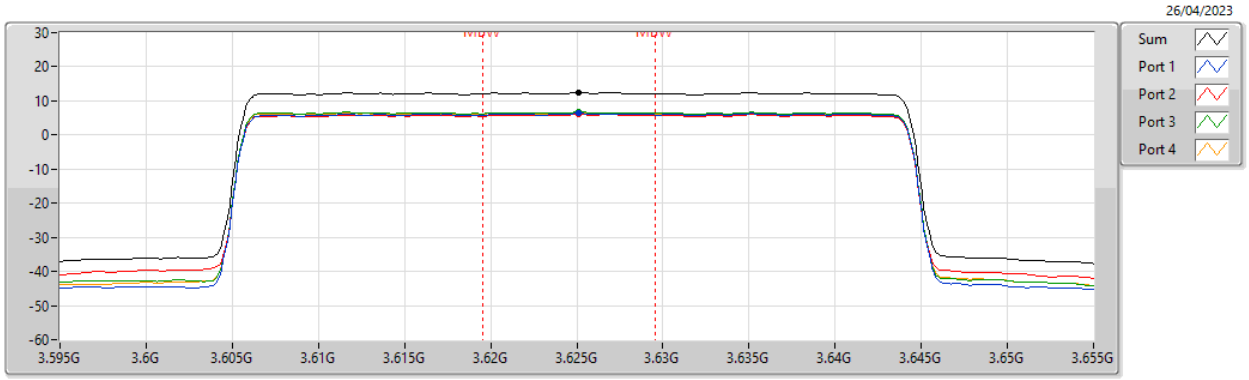
3570MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.19	3.57G	60M	1M	3M	2.08m	RMS	1
8.39	3.57G	60M	1M	3M	2.08m	RMS	2
7.70	3.57G	60M	1M	3M	2.08m	RMS	3
7.09	3.57G	60M	1M	3M	2.08m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.73	24.04						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

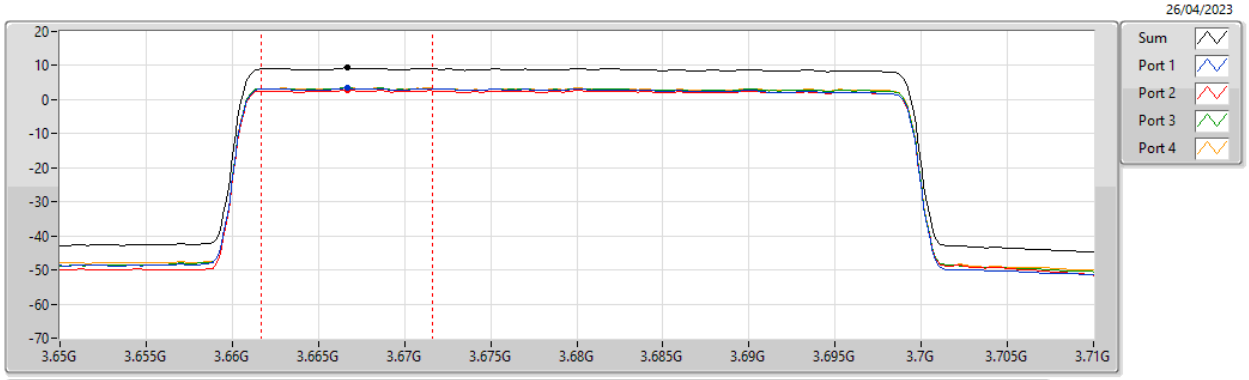
3625MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
6.33	3.625G	60M	1M	3M	1m	RMS	1
6.04	3.625G	60M	1M	3M	1m	RMS	2
6.74	3.625G	60M	1M	3M	1m	RMS	3
6.57	3.625G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
12.45	23.34						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

3680MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.36	3.68G	60M	1M	3M	1m	RMS	1
2.82	3.68G	60M	1M	3M	1m	RMS	2
3.44	3.68G	60M	1M	3M	1m	RMS	3
3.49	3.68G	60M	1M	3M	1m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
9.31	20.11						

Summary

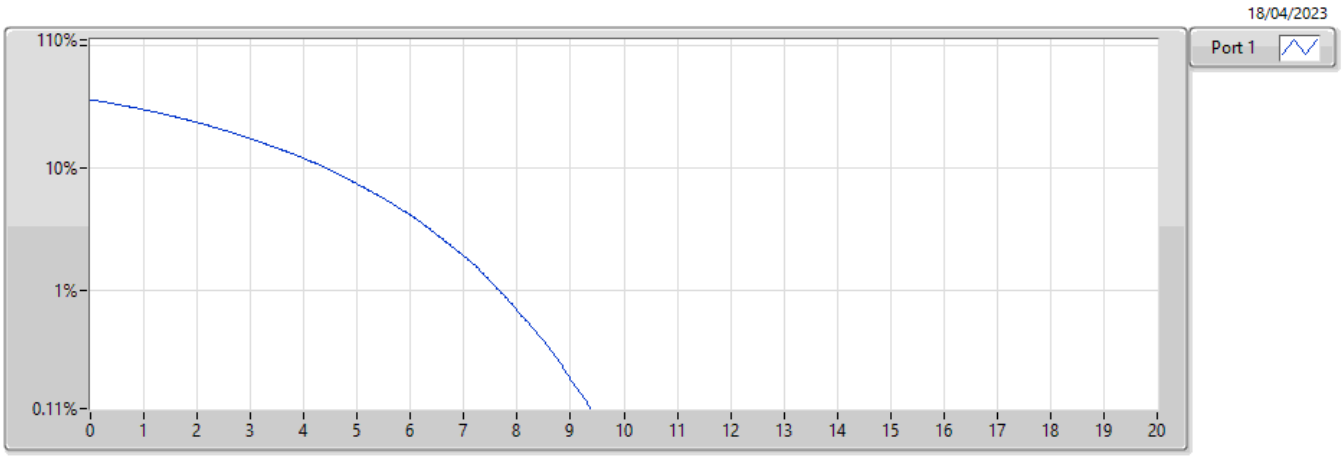
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band n48	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3690	13.00	9.74	1
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3625	13.00	9.50	1
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3560	13.00	9.48	1
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3560	13.00	9.71	1
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3570	13.00	9.48	1
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3625	13.00	9.74	1
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3570	13.00	9.86	1
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3625	13.00	9.77	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.42	1
3625MHz_Outer_Full	Pass	3625	13.00	9.36	1
3690MHz_Outer_Full	Pass	3690	13.00	9.74	1
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.42	1
3625MHz_Outer_Full	Pass	3625	13.00	9.50	1
3690MHz_Outer_Full	Pass	3690	13.00	9.36	1
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.48	1
3625MHz_Outer_Full	Pass	3625	13.00	9.44	1
3690MHz_Outer_Full	Pass	3690	13.00	9.36	1
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.71	1
3625MHz_Outer_Full	Pass	3625	13.00	8.99	1
3690MHz_Outer_Full	Pass	3690	13.00	9.42	1
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.48	1
3625MHz_Outer_Full	Pass	3625	13.00	9.38	1
3680MHz_Outer_Full	Pass	3680	13.00	8.43	1
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.45	1
3625MHz_Outer_Full	Pass	3625	13.00	9.74	1
3680MHz_Outer_Full	Pass	3680	13.00	9.68	1
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.86	1
3625MHz_Outer_Full	Pass	3625	13.00	9.71	1
3680MHz_Outer_Full	Pass	3680	13.00	9.28	1
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.36	1
3625MHz_Outer_Full	Pass	3625	13.00	9.77	1
3680MHz_Outer_Full	Pass	3680	13.00	9.30	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

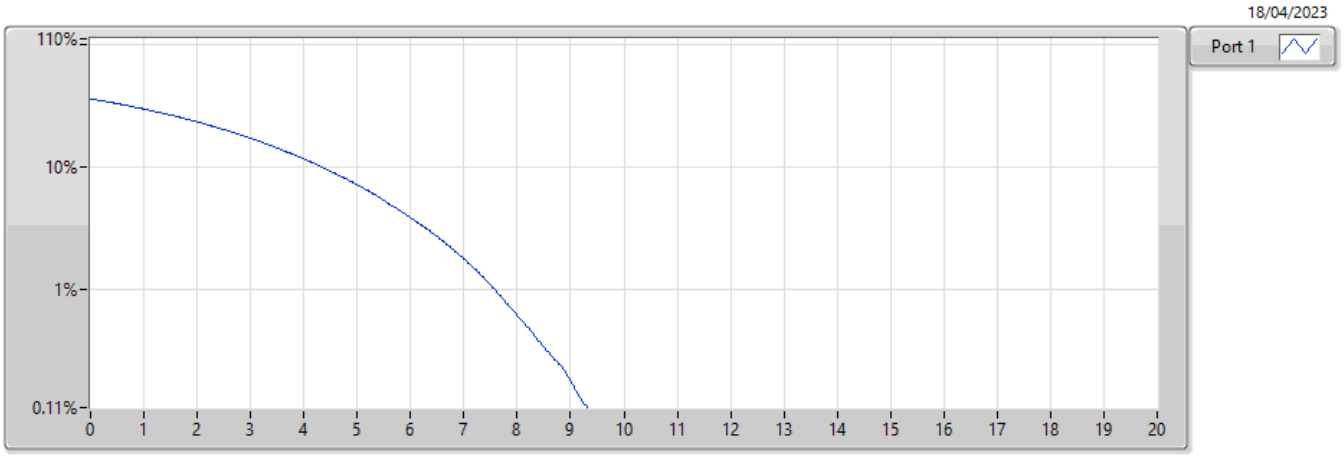
3560MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.42	-3.58	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

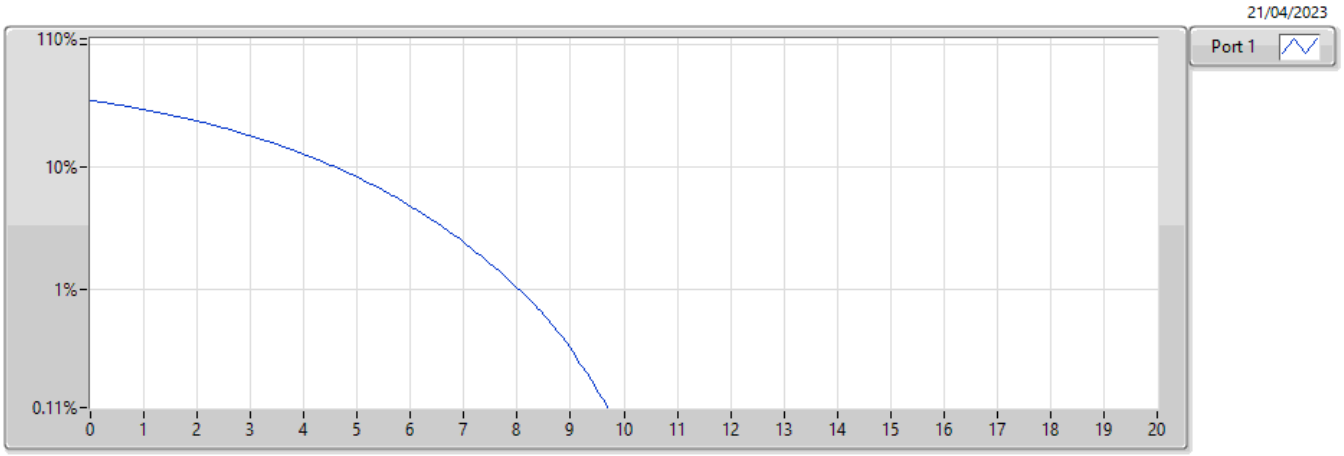
3625MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.36	-3.64	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

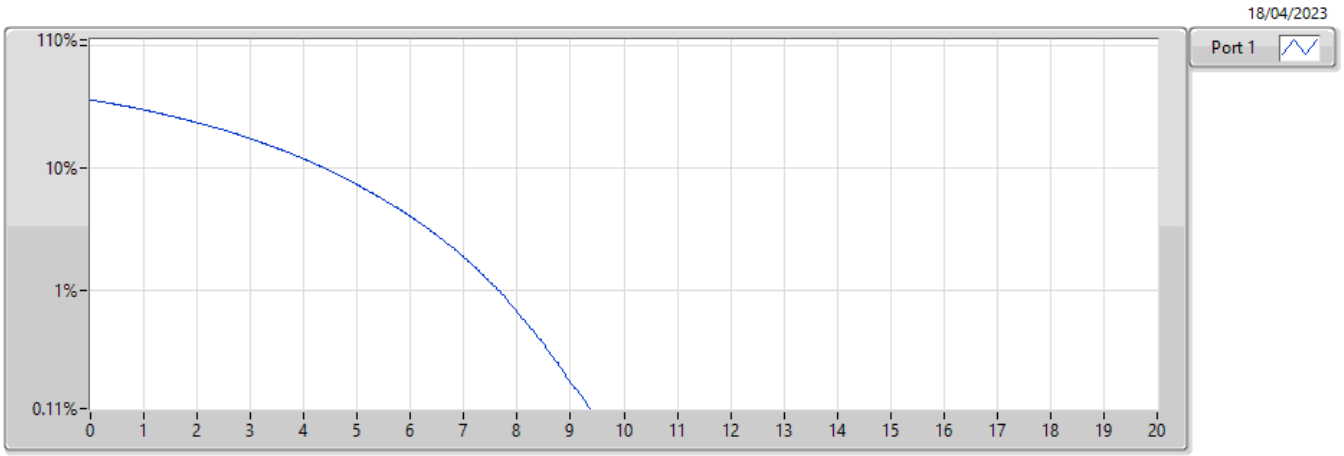
3690MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.74	-3.26	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

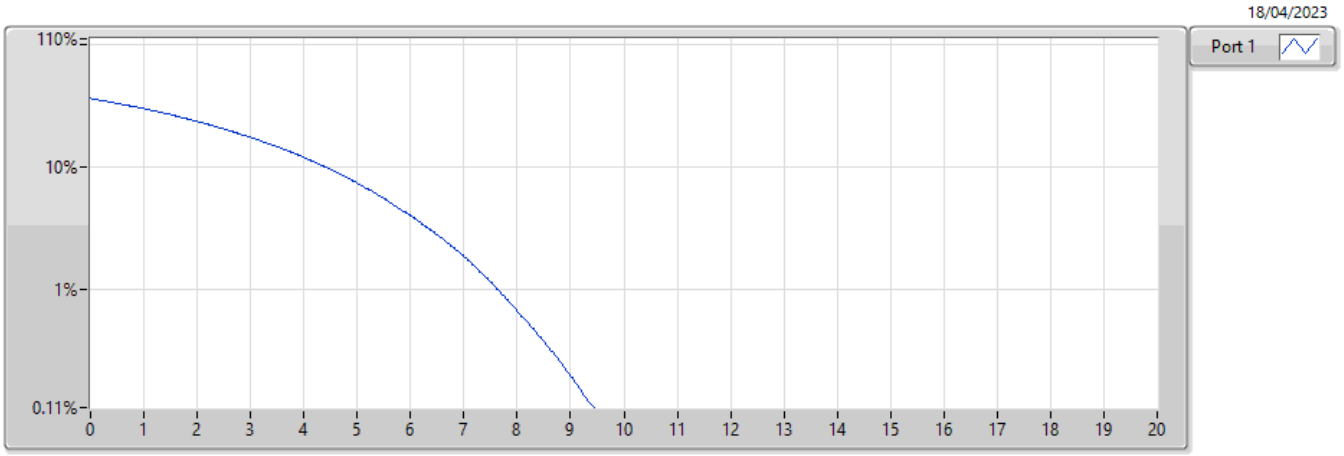
3560MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.42	-3.58	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

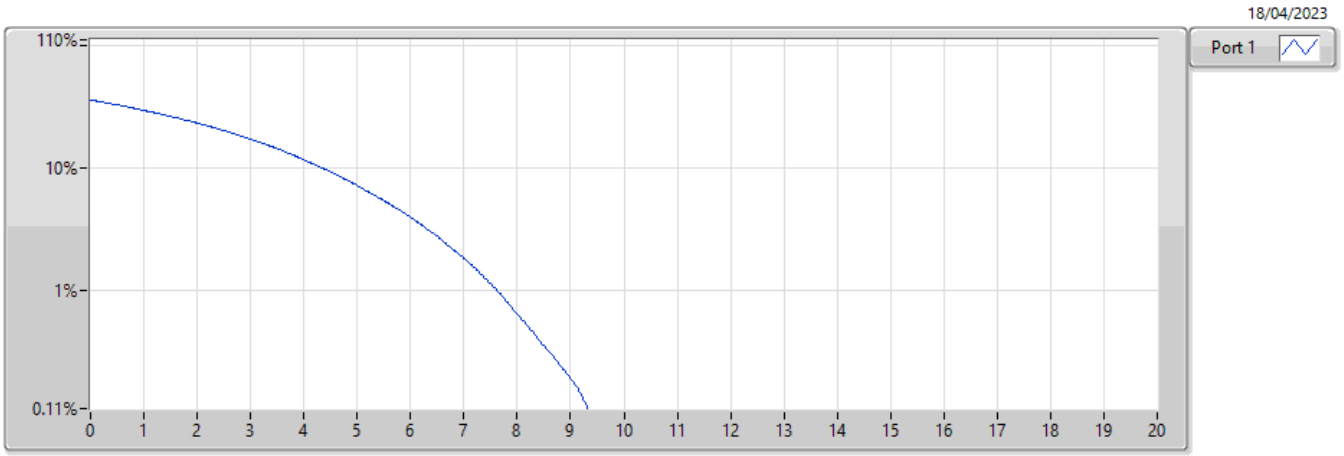
3625MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.50	-3.50	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

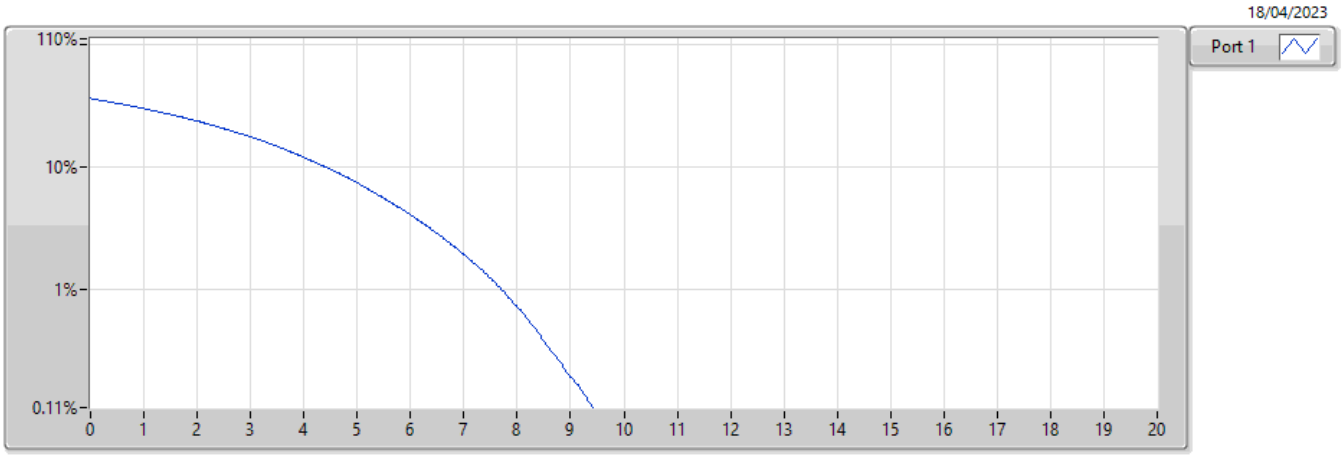
3690MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.36	-3.64	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

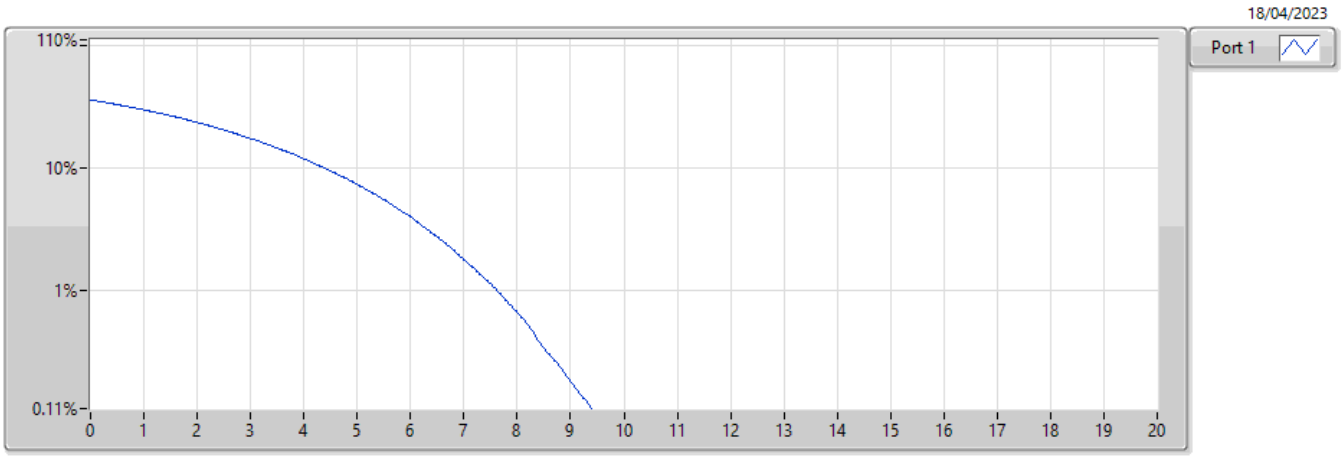
3560MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.48	-3.52	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

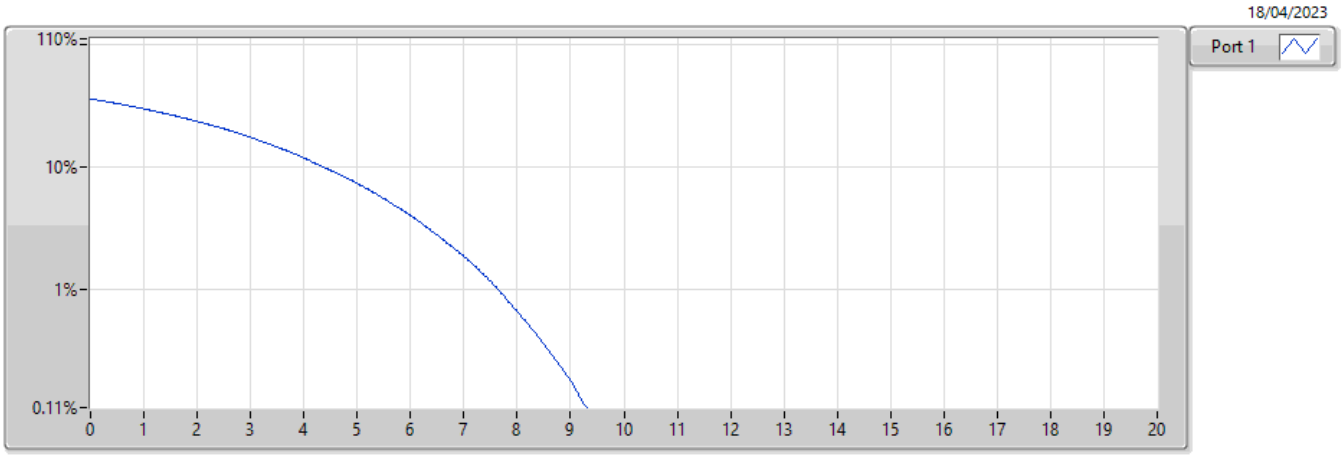
3625MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.44	-3.56	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

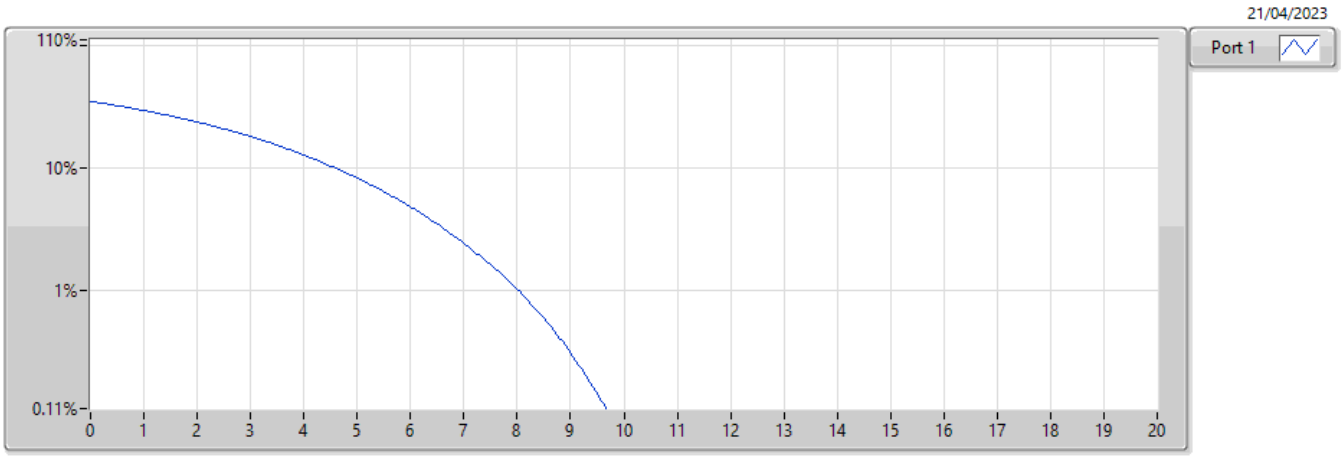
3690MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.36	-3.64	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

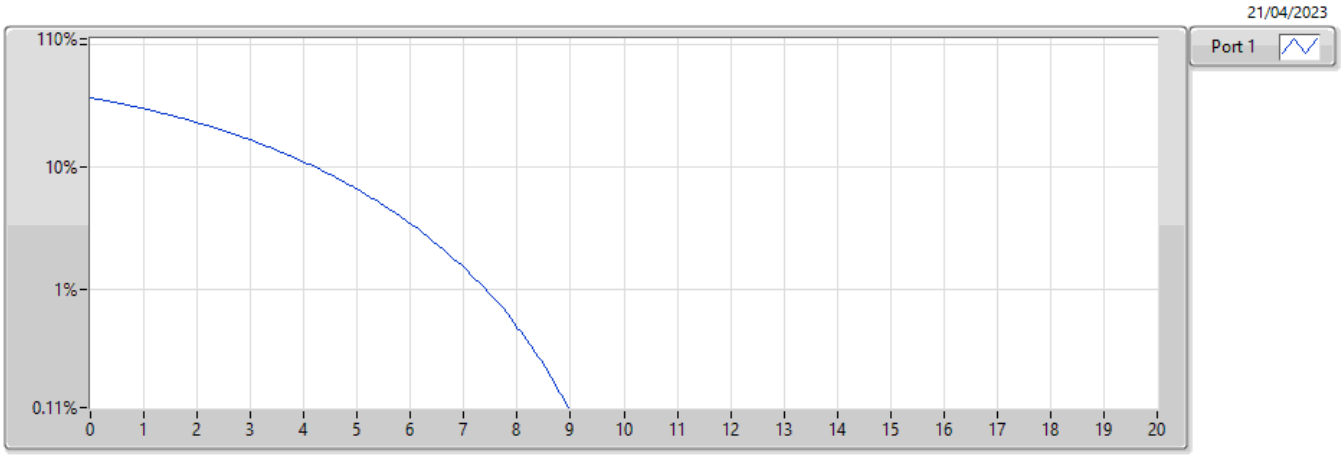
3560MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.71	-3.29	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

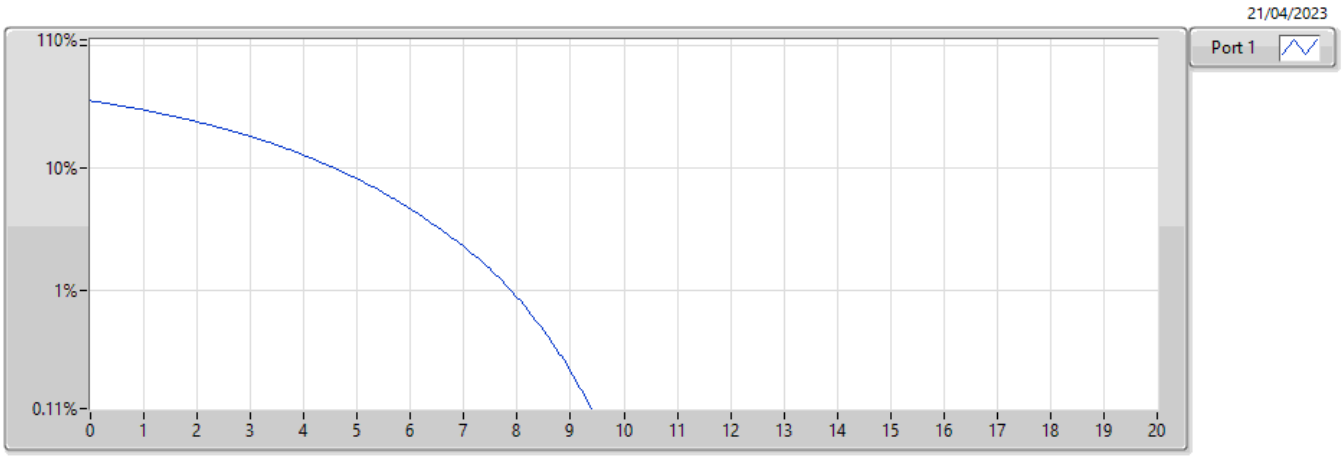
3625MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	8.99	-4.01	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

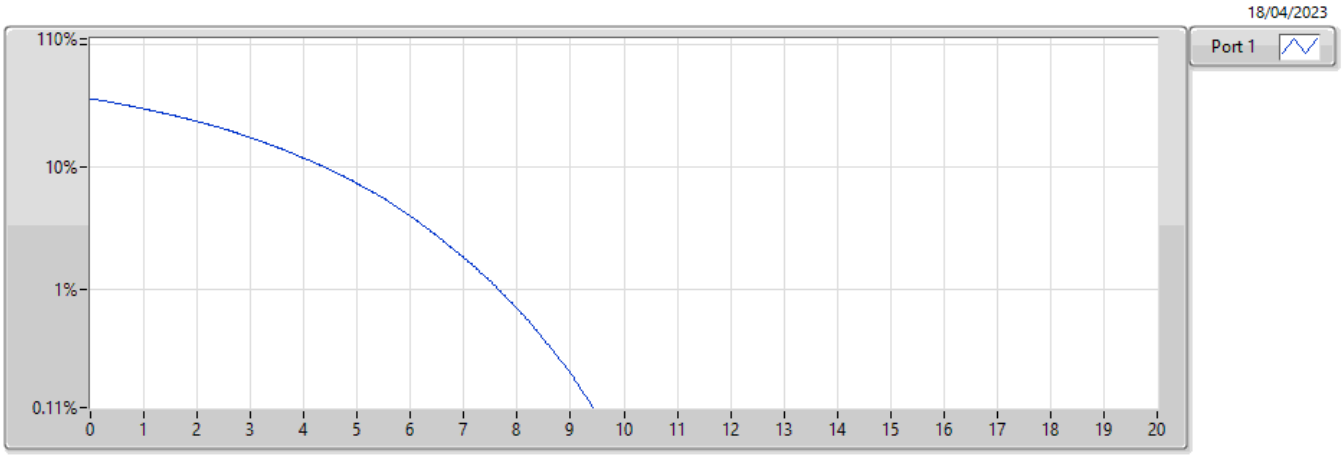
3690MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.42	-3.58	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

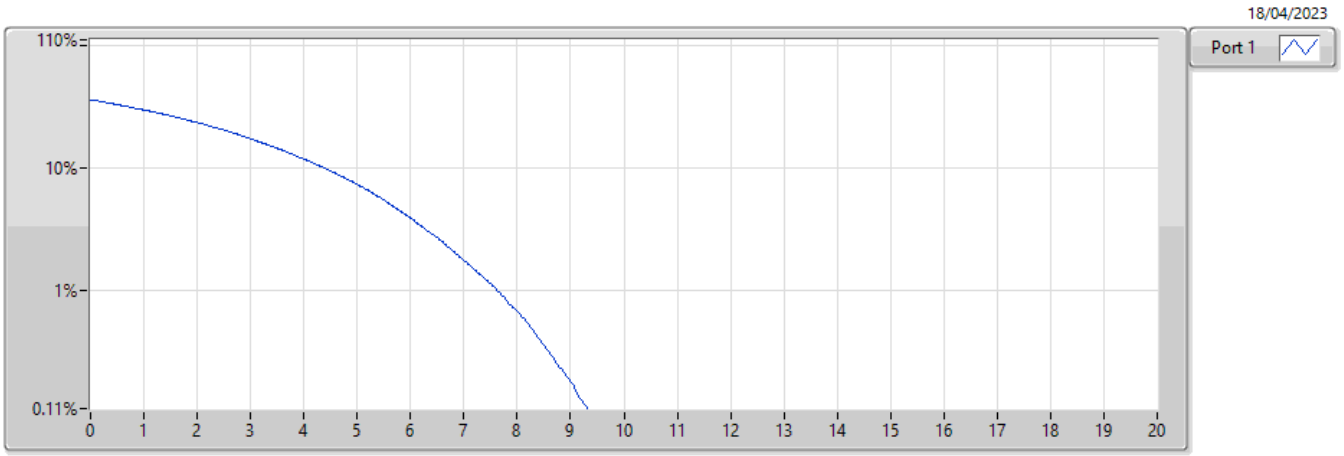
3570MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.48	-3.52	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

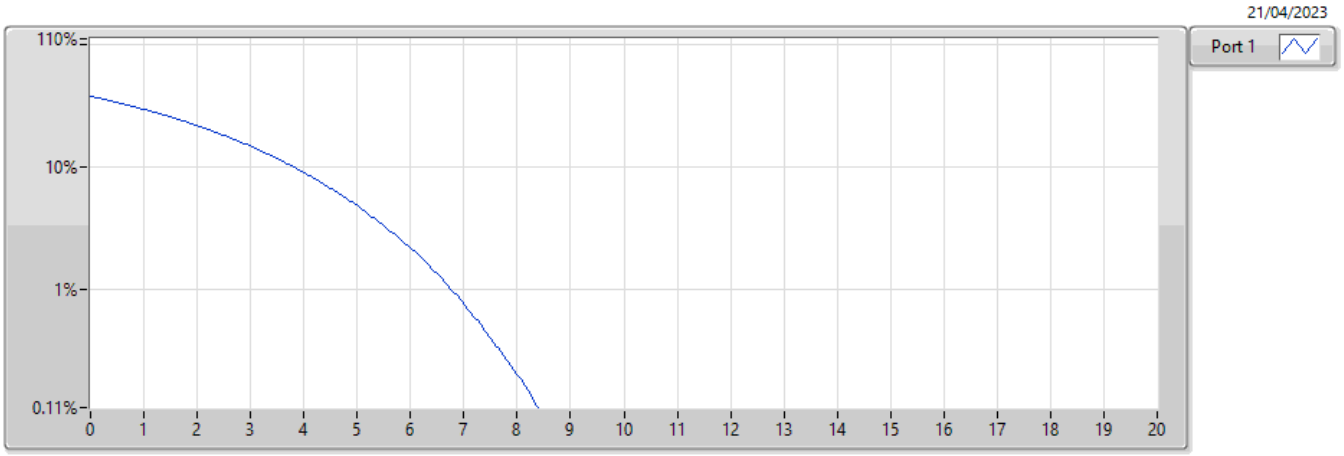
3625MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.38	-3.62	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

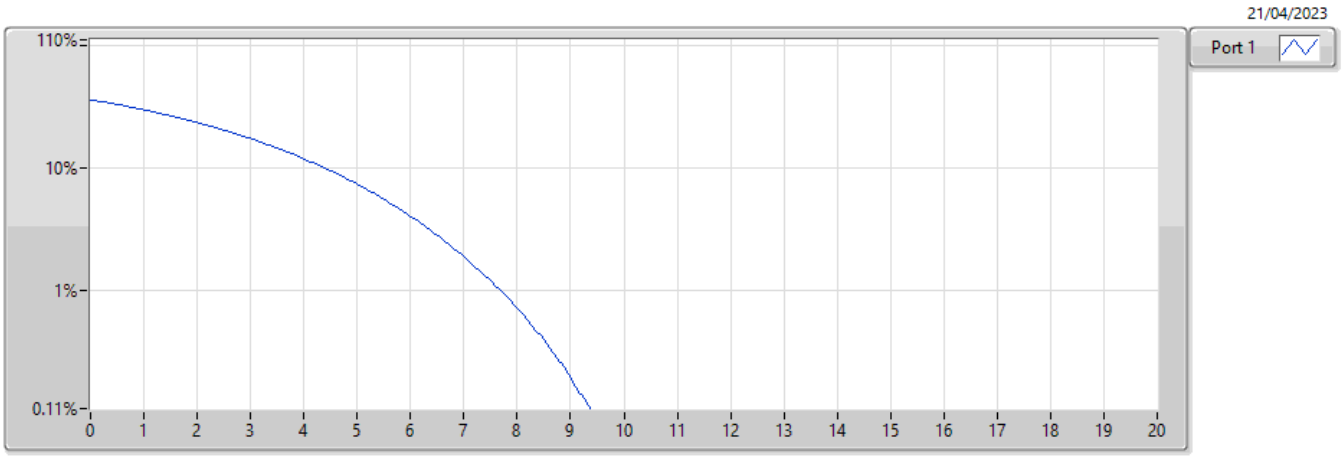
3680MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	8.43	-4.57	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

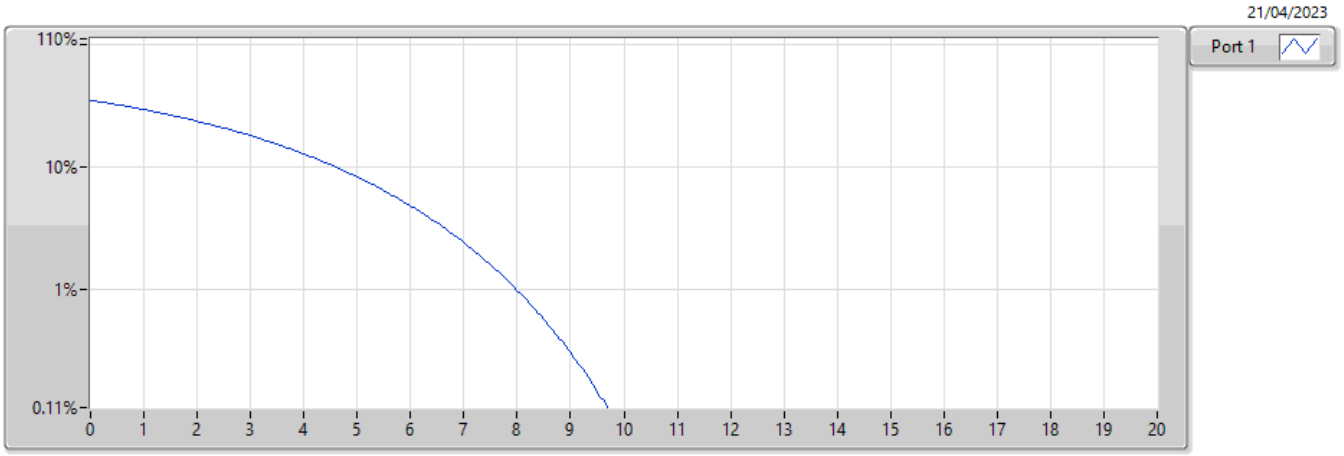
3570MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.45	-3.55	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

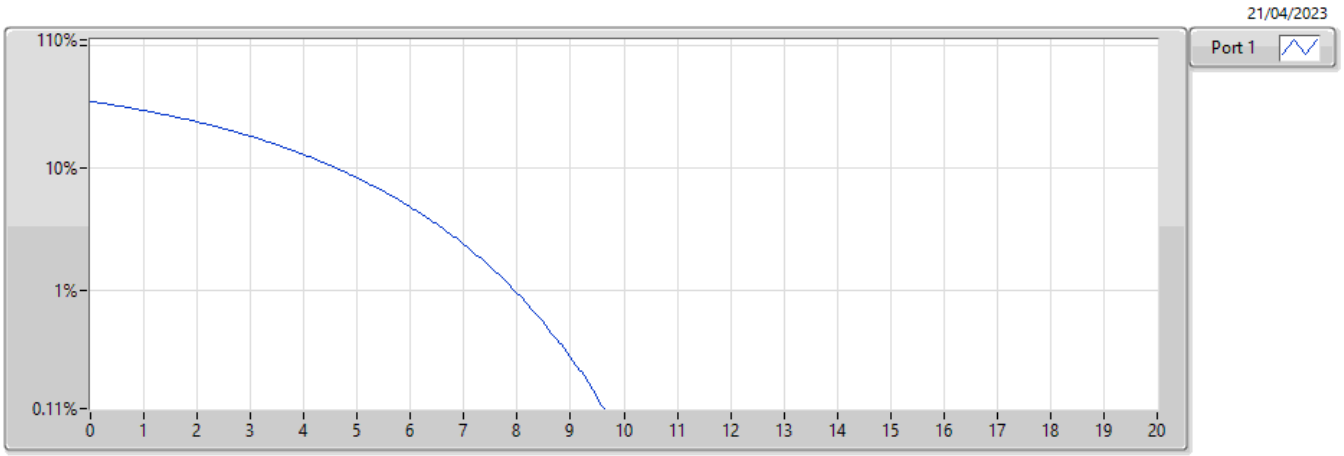
3625MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.74	-3.26	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

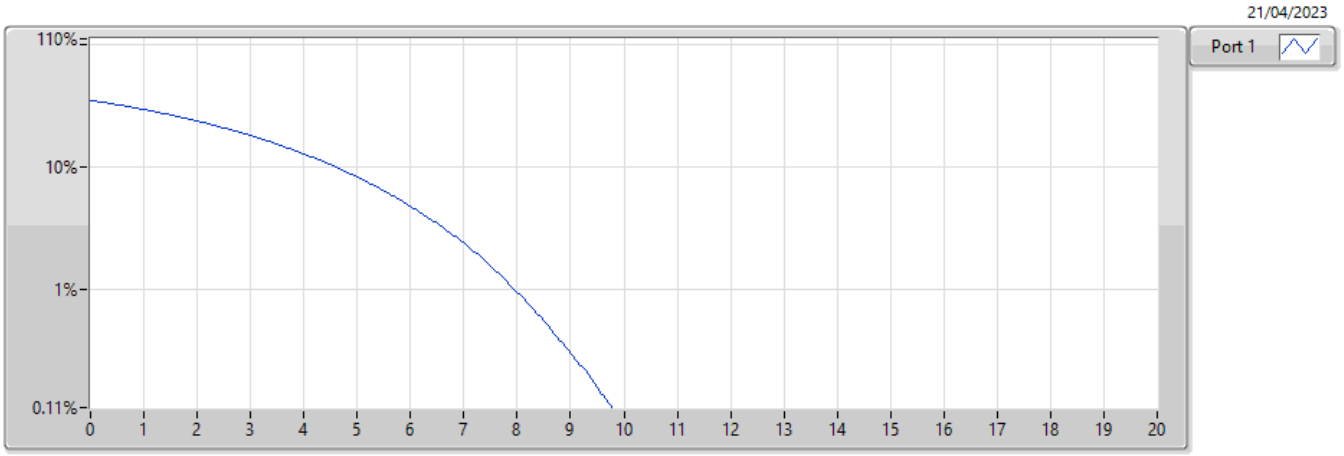
3680MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.68	-3.32	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

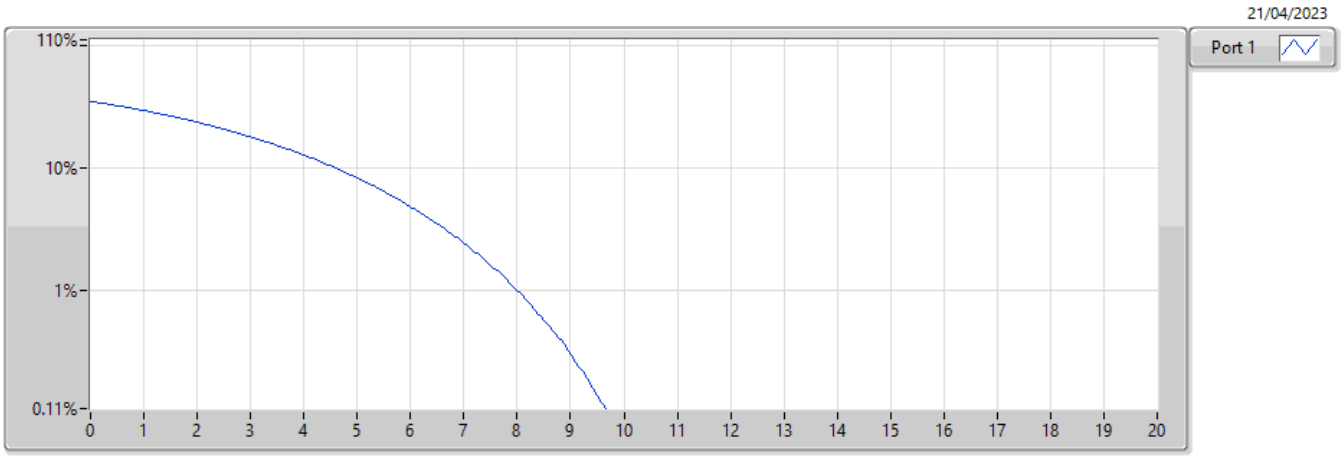
3570MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.86	-3.14	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

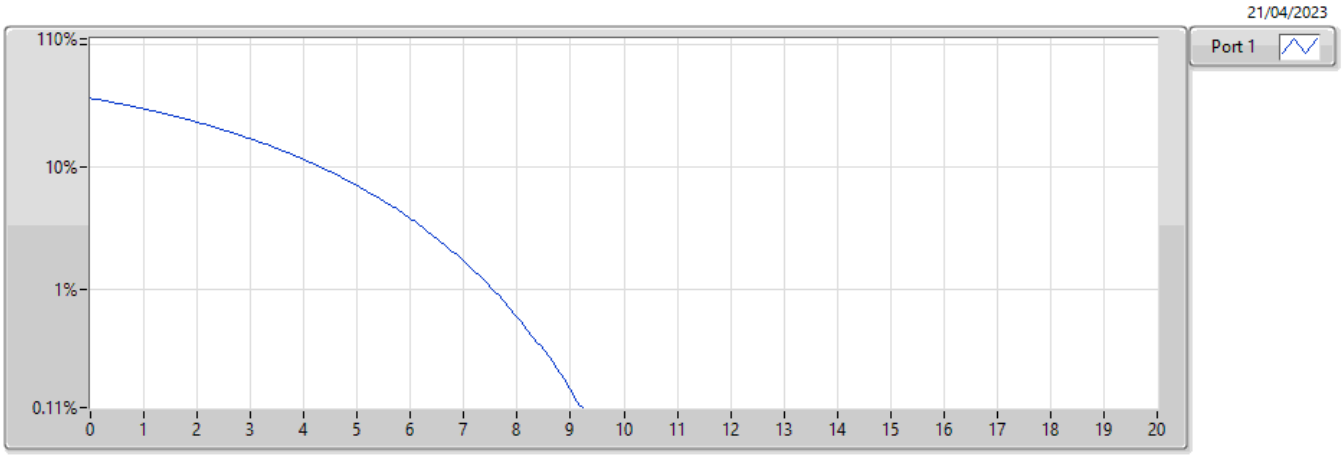
3625MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.71	-3.29	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

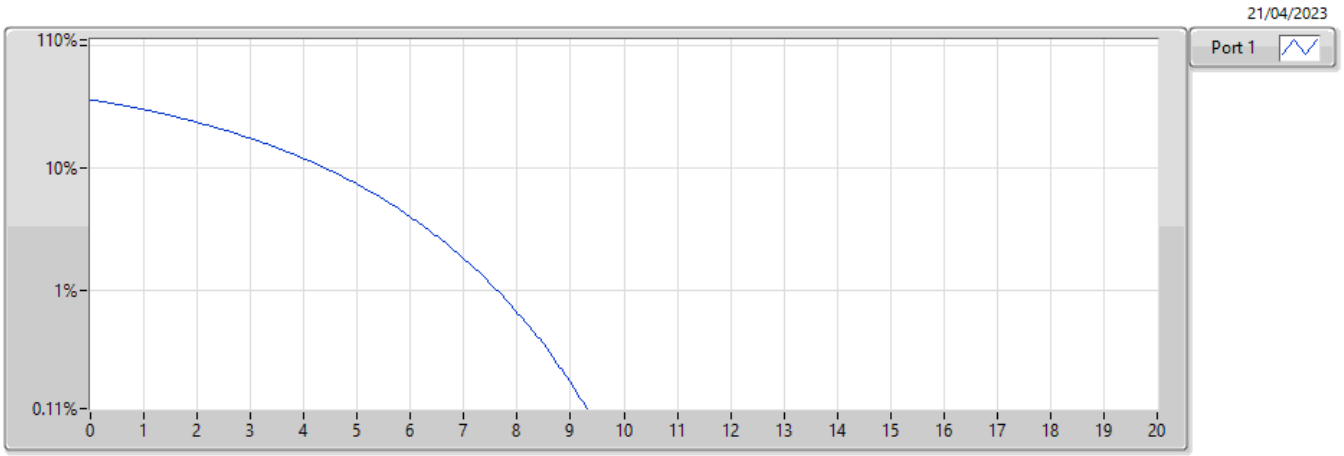
3680MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.28	-3.72	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

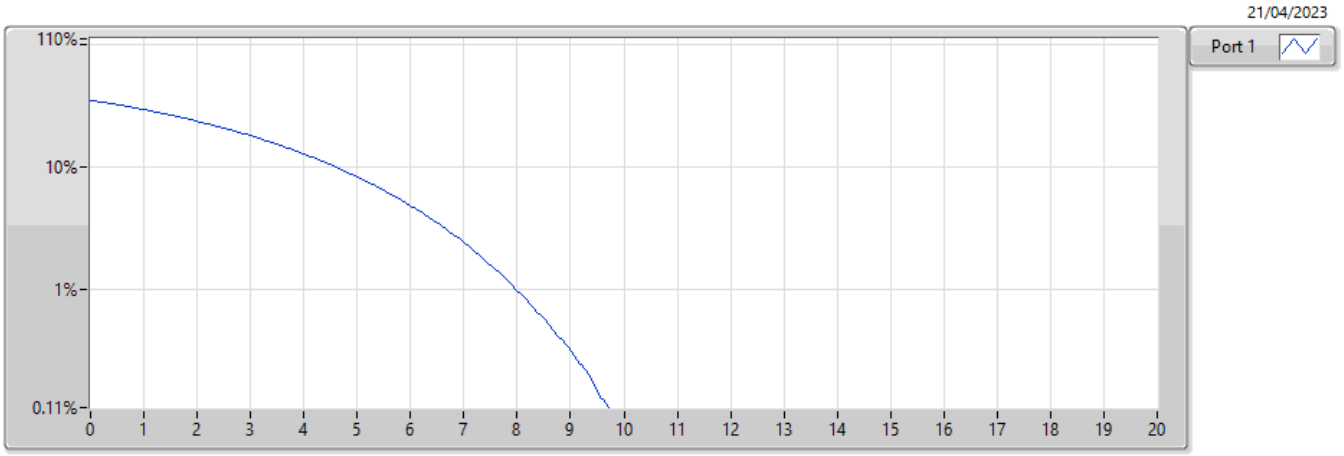
3570MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.36	-3.64	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

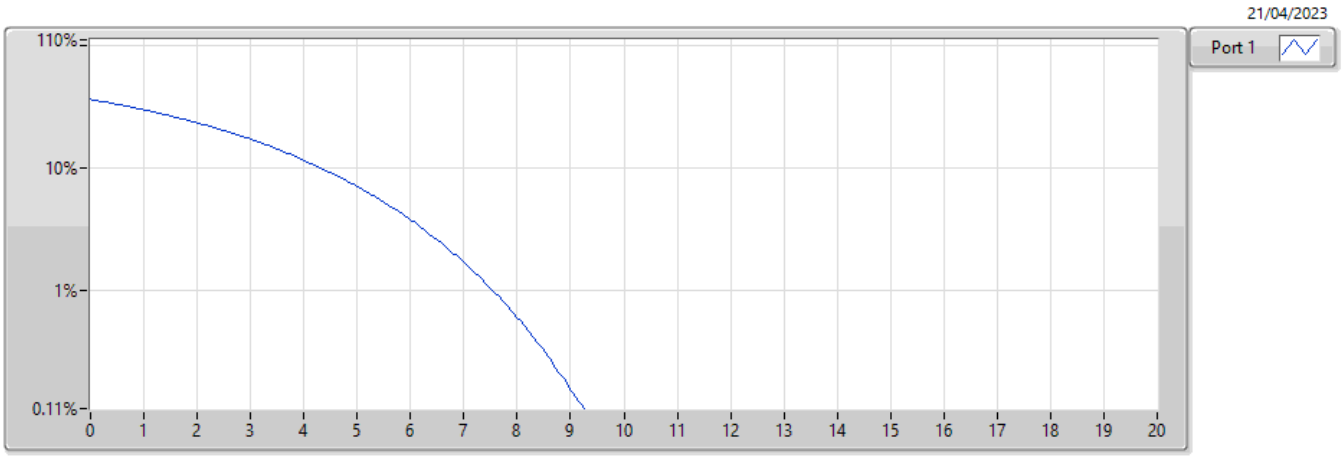
3625MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.77	-3.23	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

3680MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.30	-3.70	13.00	1

Summary

Mode	Max- NdB (Hz)	Max-OBW	ITU-Code	Min- NdB (Hz)	Min- OBW
Band n48	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	20.125M	18.279M	18M3G7D	19.95M	18.241M
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	20.05M	18.353M	18M4W7D	19.95M	18.317M
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	20.05M	18.268M	18M3W7D	20M	18.239M
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	20.05M	18.266M	18M3W7D	19.9M	18.216M
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	39.9M	37.831M	37M8G7D	39.6M	37.731M
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	39.85M	37.931M	37M9W7D	39.65M	37.831M
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	39.85M	37.831M	37M8W7D	39.7M	37.781M
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	39.95M	37.831M	37M8W7D	39.7M	37.781M

Max-N dB = Maximum 26dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

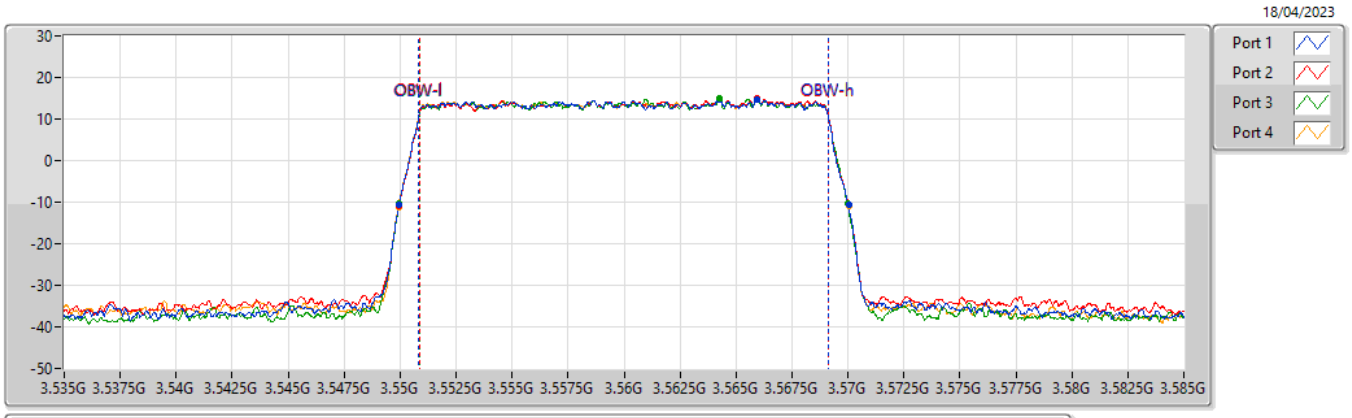
Result

Mode	Result	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	20.075M	18.26M	20.075M	18.257M	20M	18.258M	20.1M	18.261M
3625MHz_Outer_Full	Pass	20.075M	18.272M	20.075M	18.275M	20.075M	18.25M	20.125M	18.279M
3690MHz_Outer_Full	Pass	20.05M	18.266M	19.975M	18.241M	19.95M	18.266M	20.025M	18.266M
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	20M	18.326M	20.05M	18.317M	20.05M	18.327M	19.975M	18.336M
3625MHz_Outer_Full	Pass	19.95M	18.353M	19.975M	18.347M	20.025M	18.336M	19.95M	18.349M
3690MHz_Outer_Full	Pass	19.975M	18.344M	19.95M	18.346M	19.975M	18.317M	20.025M	18.347M
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	20.025M	18.259M	20M	18.267M	20M	18.255M	20.025M	18.268M
3625MHz_Outer_Full	Pass	20.05M	18.251M	20M	18.259M	20M	18.26M	20.05M	18.253M
3690MHz_Outer_Full	Pass	20.025M	18.247M	20.05M	18.251M	20.05M	18.242M	20M	18.239M
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.9M	18.216M	19.9M	18.216M	19.95M	18.266M	20.05M	18.266M
3625MHz_Outer_Full	Pass	20.025M	18.266M	19.975M	18.241M	19.925M	18.216M	19.975M	18.266M
3690MHz_Outer_Full	Pass	19.95M	18.241M	19.95M	18.216M	20M	18.241M	20M	18.241M
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39.65M	37.82M	39.6M	37.812M	39.6M	37.811M	39.65M	37.83M
3625MHz_Outer_Full	Pass	39.65M	37.821M	39.6M	37.819M	39.65M	37.821M	39.6M	37.812M
3680MHz_Outer_Full	Pass	39.8M	37.831M	39.8M	37.831M	39.9M	37.831M	39.75M	37.731M
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39.65M	37.881M	39.8M	37.881M	39.8M	37.881M	39.75M	37.831M
3625MHz_Outer_Full	Pass	39.7M	37.931M	39.7M	37.831M	39.85M	37.831M	39.75M	37.931M
3680MHz_Outer_Full	Pass	39.7M	37.931M	39.7M	37.931M	39.85M	37.881M	39.7M	37.881M
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39.8M	37.781M	39.75M	37.781M	39.75M	37.831M	39.8M	37.831M
3625MHz_Outer_Full	Pass	39.75M	37.781M	39.7M	37.831M	39.8M	37.781M	39.75M	37.781M
3680MHz_Outer_Full	Pass	39.7M	37.781M	39.85M	37.781M	39.7M	37.781M	39.8M	37.781M
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39.8M	37.831M	39.9M	37.781M	39.75M	37.831M	39.8M	37.831M
3625MHz_Outer_Full	Pass	39.8M	37.781M	39.7M	37.831M	39.95M	37.831M	39.75M	37.831M
3680MHz_Outer_Full	Pass	39.9M	37.781M	39.85M	37.831M	39.75M	37.831M	39.85M	37.781M

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

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

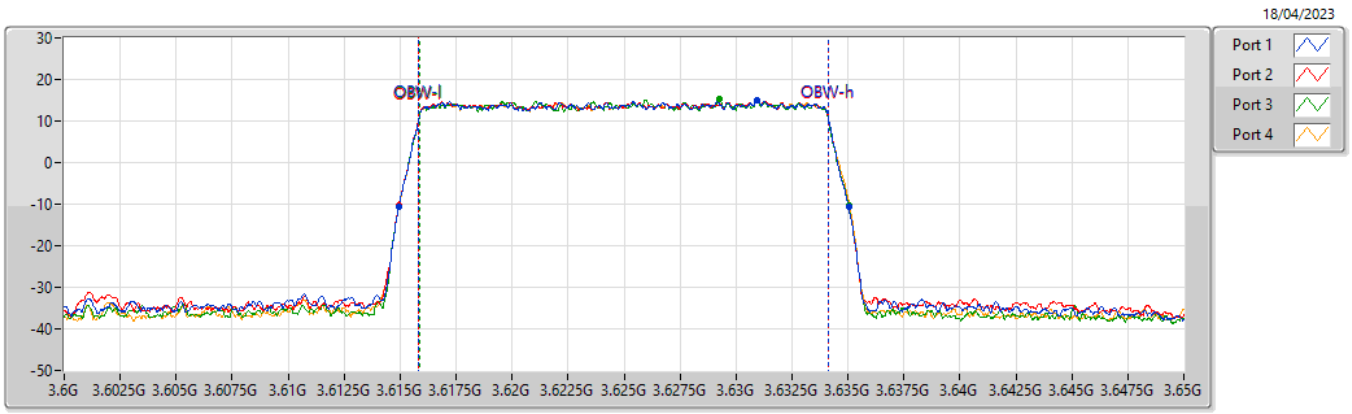
3560MHz_CP-OFDM_QPSK_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.075M	3.54995G	3.570025G	18.26M	3.55084G	3.5691G	1	3.56G	50M	300k	1M
20.075M	3.54995G	3.570025G	18.257M	3.550852G	3.569108G	2	3.56G	50M	300k	1M
20M	3.549975G	3.569975G	18.258M	3.550851G	3.569109G	3	3.56G	50M	300k	1M
20.1M	3.549925G	3.570025G	18.261M	3.550836G	3.569097G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

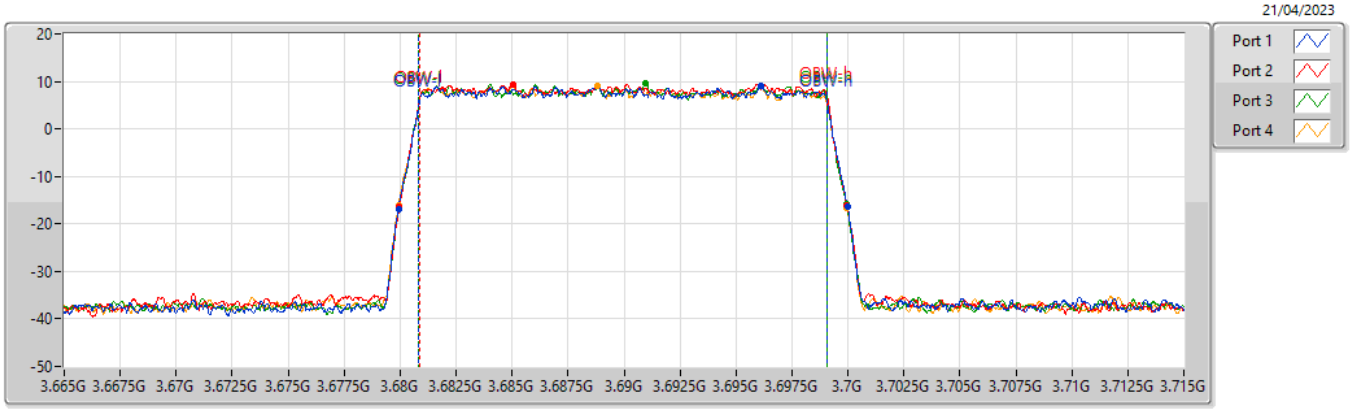
3625MHz_CP-OFDM_QPSK_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.075M	3.61495G	3.635025G	18.272M	3.615844G	3.634116G	1	3.625G	50M	300k	1M
20.075M	3.61495G	3.635025G	18.275M	3.615838G	3.634113G	2	3.625G	50M	300k	1M
20.075M	3.61495G	3.635025G	18.25M	3.615847G	3.634097G	3	3.625G	50M	300k	1M
20.125M	3.61495G	3.635075G	18.279M	3.615846G	3.634125G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

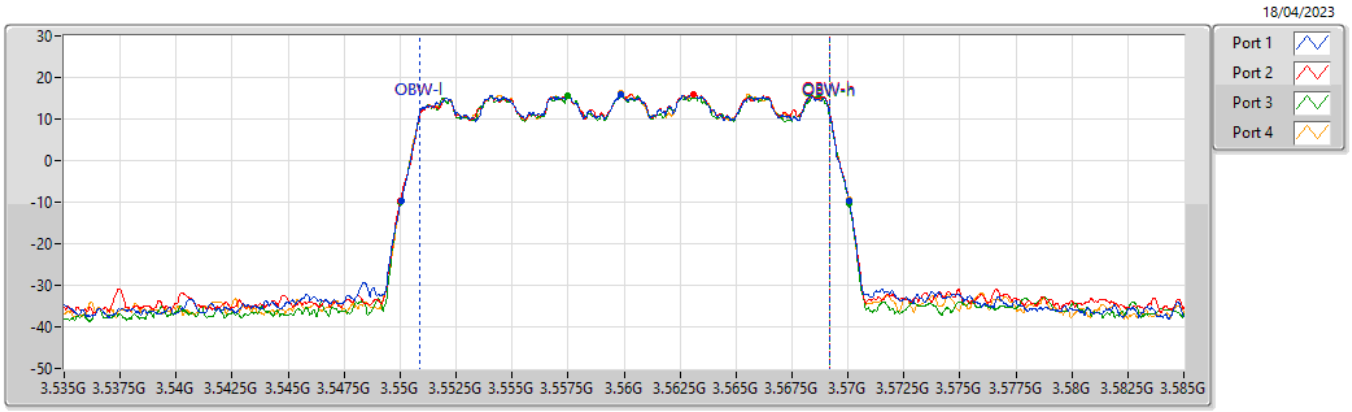
3690MHz_CP-OFDM_QPSK_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.05M	3.679925G	3.699975G	18.266M	3.68083G	3.699095G	1	3.69G	50M	300k	1M
19.975M	3.679975G	3.69995G	18.241M	3.680855G	3.699095G	2	3.69G	50M	300k	1M
19.95M	3.679975G	3.699925G	18.266M	3.68083G	3.699095G	3	3.69G	50M	300k	1M
20.025M	3.679925G	3.69995G	18.266M	3.68083G	3.699095G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

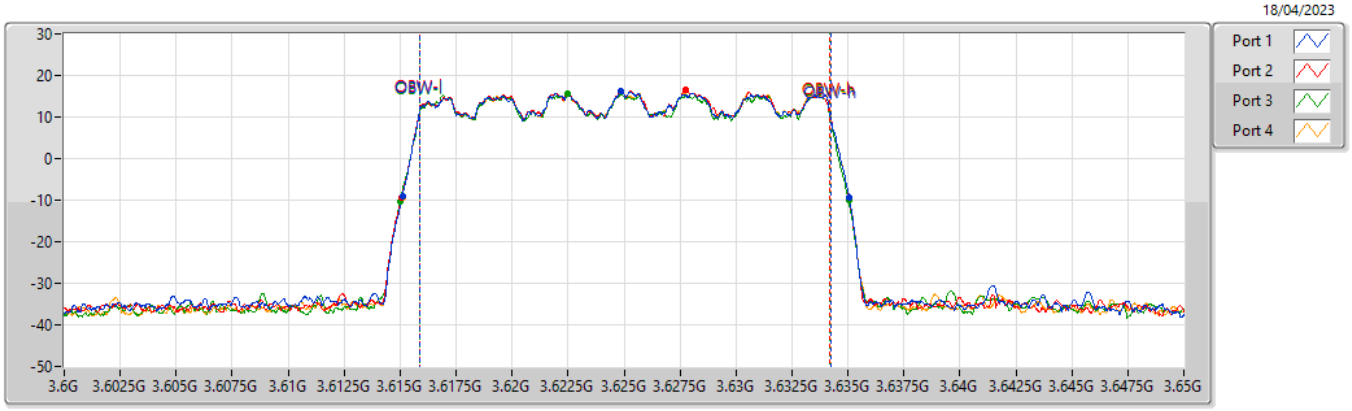
3560MHz_CP-OFDM_16QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20M	3.55005G	3.57005G	18.326M	3.550865G	3.569191G	1	3.56G	50M	300k	1M
20.05M	3.55G	3.57005G	18.317M	3.550881G	3.569198G	2	3.56G	50M	300k	1M
20.05M	3.55G	3.57005G	18.327M	3.55087G	3.569197G	3	3.56G	50M	300k	1M
19.975M	3.55005G	3.570025G	18.336M	3.550851G	3.569187G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

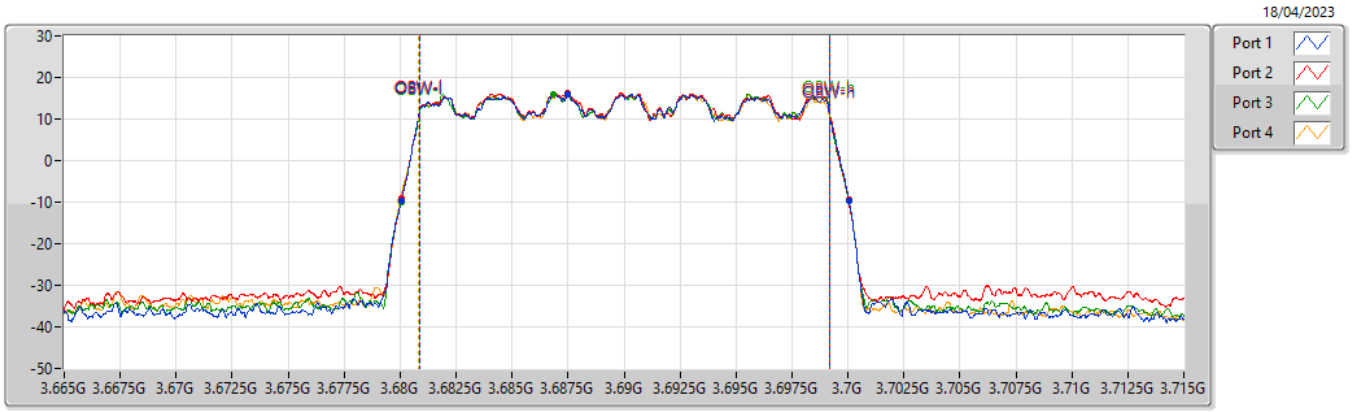
3625MHz_CP-OFDM_16QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.95M	3.6151G	3.63505G	18.353M	3.61586G	3.634213G	1	3.625G	50M	300k	1M
19.975M	3.615075G	3.63505G	18.347M	3.615859G	3.634206G	2	3.625G	50M	300k	1M
20.025M	3.615G	3.635025G	18.336M	3.615856G	3.634192G	3	3.625G	50M	300k	1M
19.95M	3.6151G	3.63505G	18.349M	3.615865G	3.634213G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

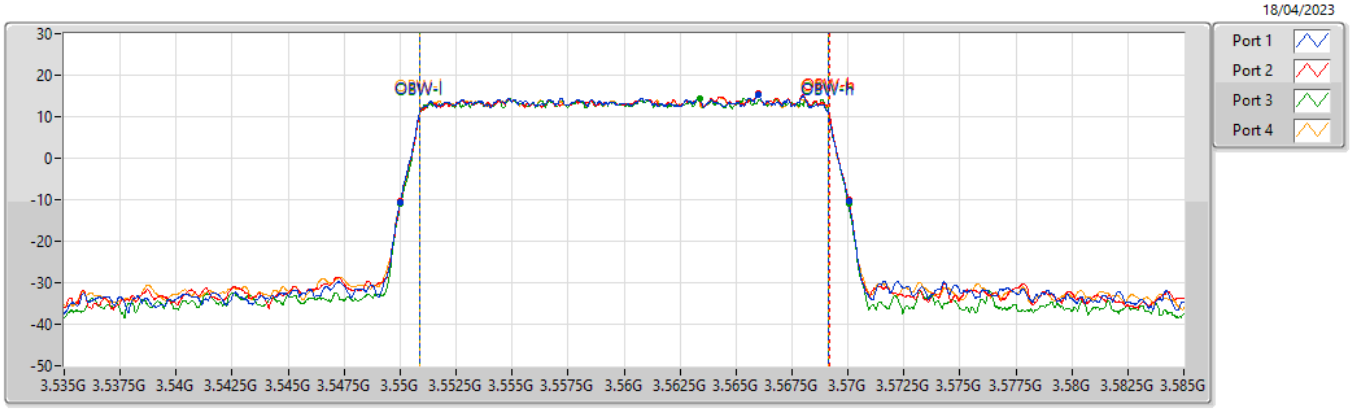
3690MHz_CP-OFDM_16QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.975M	3.680075G	3.70005G	18.344M	3.680851G	3.699195G	1	3.69G	50M	300k	1M
19.95M	3.680075G	3.700025G	18.346M	3.680854G	3.699201G	2	3.69G	50M	300k	1M
19.975M	3.68005G	3.700025G	18.317M	3.680863G	3.69918G	3	3.69G	50M	300k	1M
20.025M	3.68G	3.700025G	18.347M	3.680844G	3.699191G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

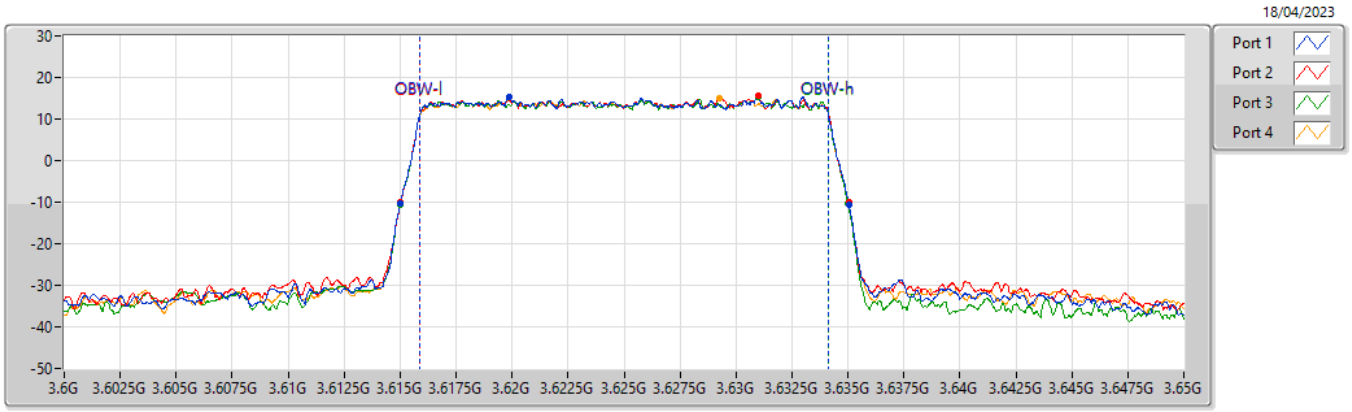
3560MHz_CP-OFDM_64QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.025M	3.55G	3.570025G	18.259M	3.550867G	3.569126G	1	3.56G	50M	300k	1M
20M	3.550025G	3.570025G	18.267M	3.550888G	3.569155G	2	3.56G	50M	300k	1M
20M	3.550025G	3.570025G	18.255M	3.550886G	3.569141G	3	3.56G	50M	300k	1M
20.025M	3.55G	3.570025G	18.268M	3.550874G	3.569142G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

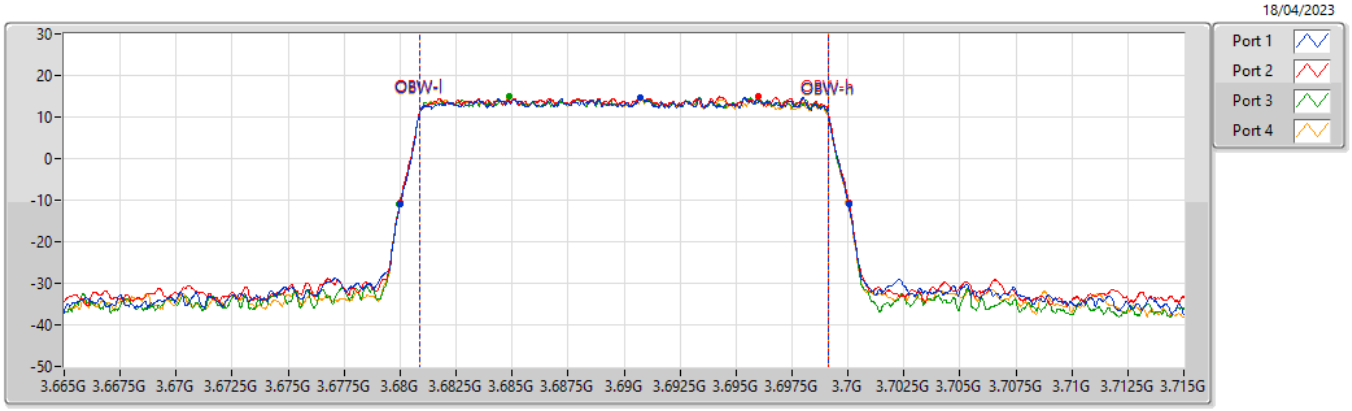
3625MHz_CP-OFDM_64QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.05M	3.615G	3.63505G	18.251M	3.61588G	3.634131G	1	3.625G	50M	300k	1M
20M	3.615025G	3.635025G	18.259M	3.615882G	3.634141G	2	3.625G	50M	300k	1M
20M	3.615G	3.635G	18.26M	3.615874G	3.634134G	3	3.625G	50M	300k	1M
20.05M	3.615G	3.63505G	18.253M	3.615879G	3.634132G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

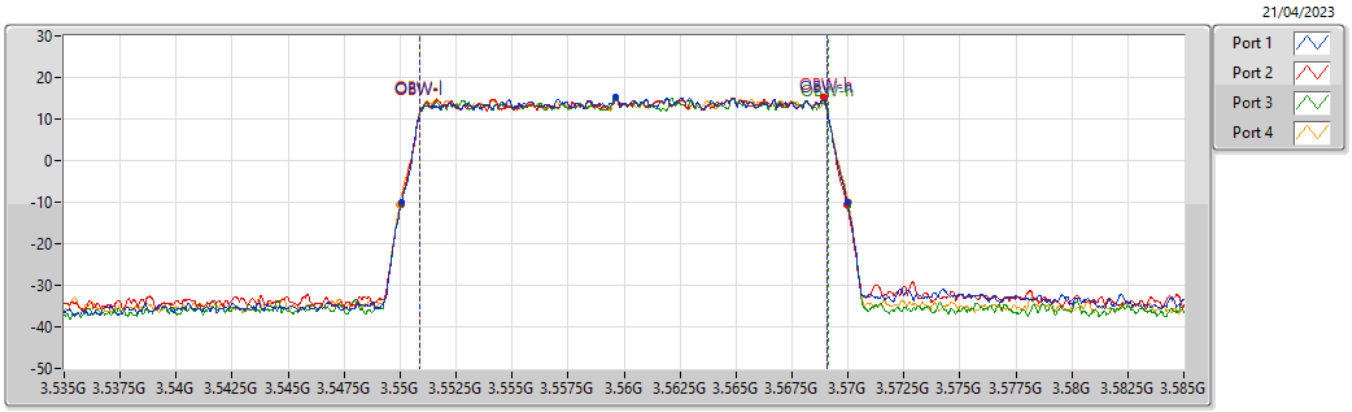
3690MHz_CP-OFDM_64QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.025M	3.68G	3.700025G	18.247M	3.680869G	3.699116G	1	3.69G	50M	300k	1M
20.05M	3.68G	3.70005G	18.251M	3.680872G	3.699123G	2	3.69G	50M	300k	1M
20.05M	3.679975G	3.700025G	18.242M	3.680869G	3.699111G	3	3.69G	50M	300k	1M
20M	3.68G	3.7G	18.239M	3.680862G	3.699101G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

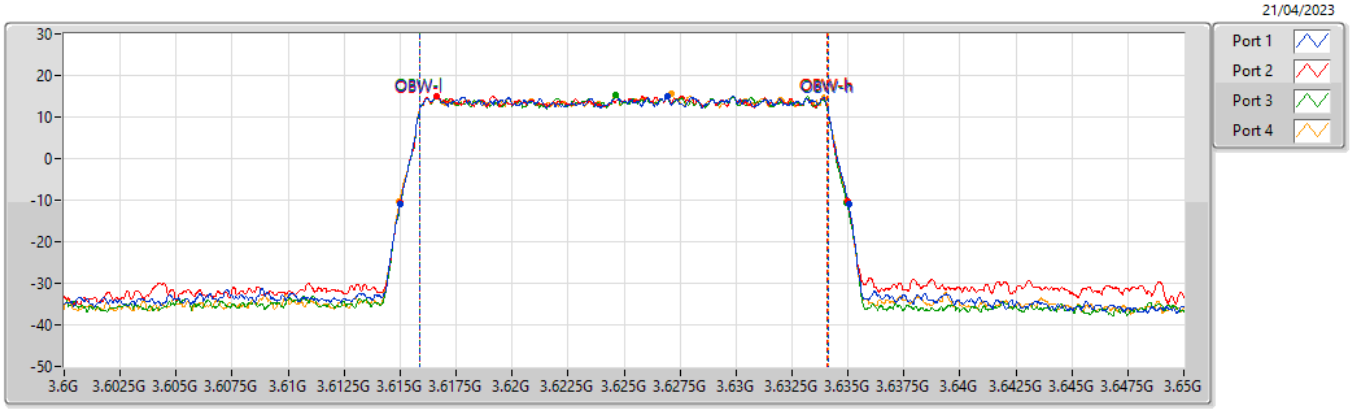
3560MHz_CP-OFDM_256QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.9M	3.550075G	3.569975G	18.216M	3.55088G	3.569095G	1	3.56G	50M	300k	1M
19.9M	3.55005G	3.56995G	18.216M	3.55088G	3.569095G	2	3.56G	50M	300k	1M
19.95M	3.55005G	3.57G	18.266M	3.550855G	3.56912G	3	3.56G	50M	300k	1M
20.05M	3.549975G	3.570025G	18.266M	3.550855G	3.56912G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

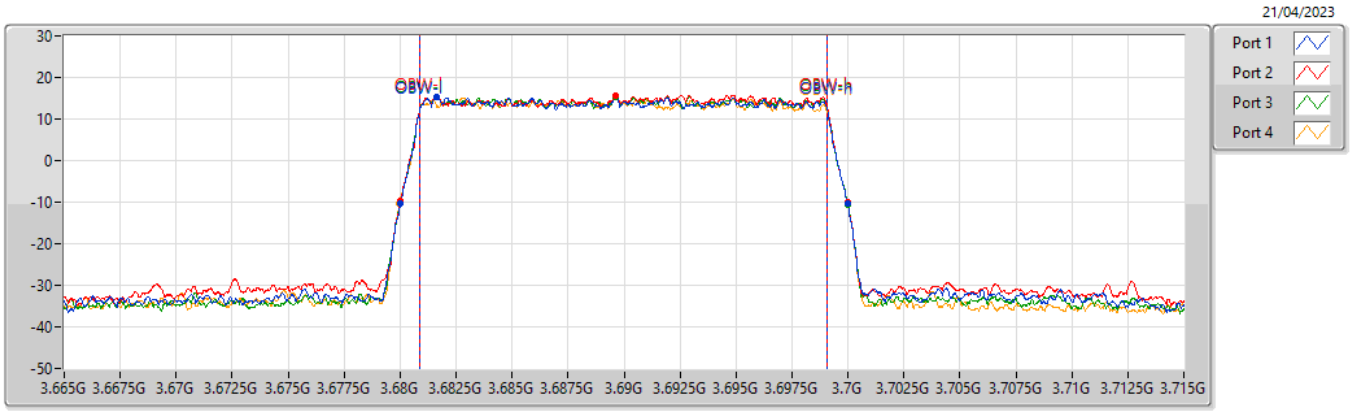
3625MHz_CP-OFDM_256QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.025M	3.615G	3.635025G	18.266M	3.615855G	3.63412G	1	3.625G	50M	300k	1M
19.975M	3.615025G	3.635G	18.241M	3.615855G	3.634095G	2	3.625G	50M	300k	1M
19.925M	3.615025G	3.63495G	18.216M	3.61588G	3.634095G	3	3.625G	50M	300k	1M
19.975M	3.614975G	3.63495G	18.266M	3.615855G	3.63412G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

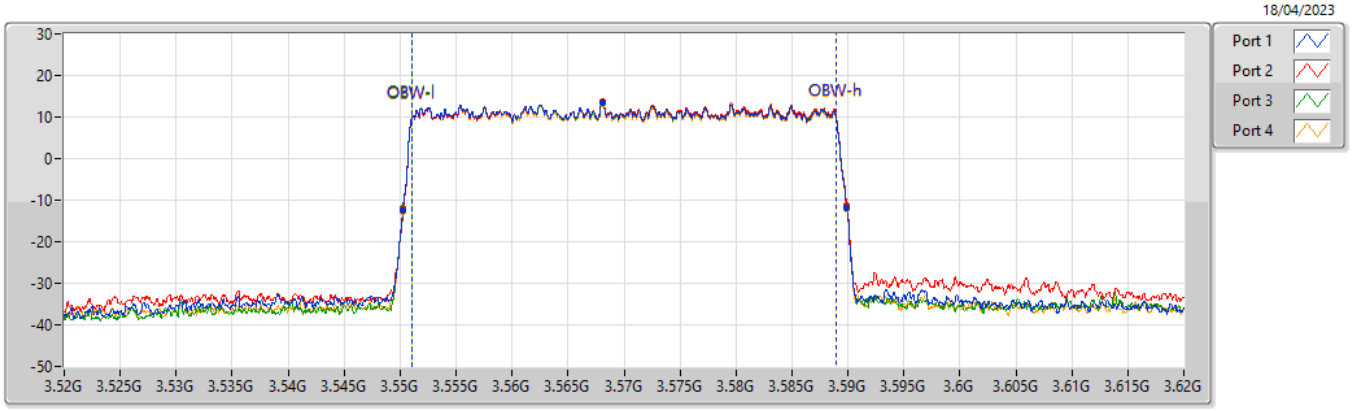
3690MHz_CP-OFDM_256QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.95M	3.680025G	3.699975G	18.241M	3.680855G	3.699095G	1	3.69G	50M	300k	1M
19.95M	3.680025G	3.699975G	18.216M	3.68088G	3.699095G	2	3.69G	50M	300k	1M
20M	3.68G	3.7G	18.241M	3.680855G	3.699095G	3	3.69G	50M	300k	1M
20M	3.679975G	3.699975G	18.241M	3.680855G	3.699095G	4	3.69G	50M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

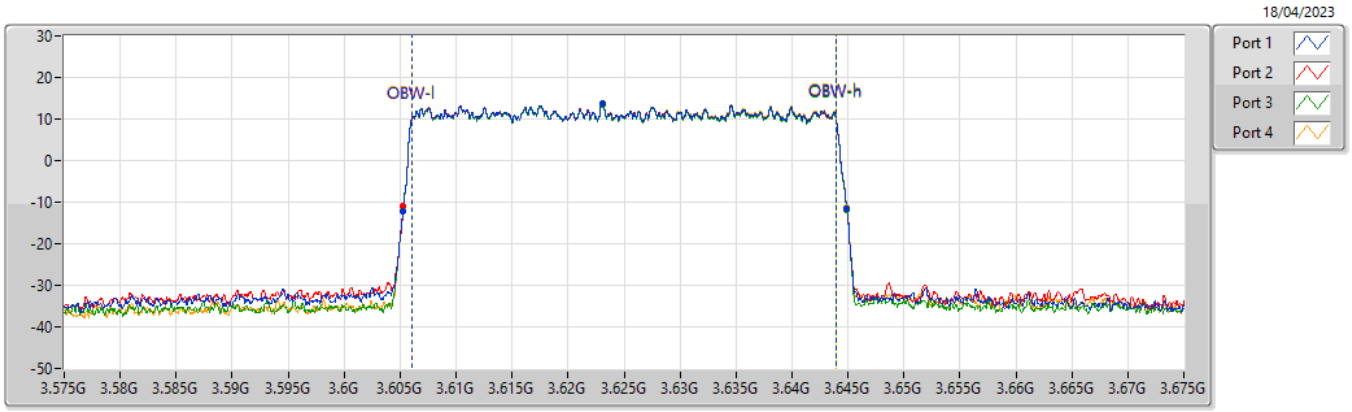
3570MHz_CP-OFDM_QPSK_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.65M	3.55025G	3.5899G	37.82M	3.55108G	3.5889G	1	3.57G	100M	300k	1M
39.6M	3.5503G	3.5899G	37.812M	3.551109G	3.588921G	2	3.57G	100M	300k	1M
39.6M	3.5503G	3.5899G	37.811M	3.551093G	3.588904G	3	3.57G	100M	300k	1M
39.65M	3.55025G	3.5899G	37.83M	3.551074G	3.588904G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

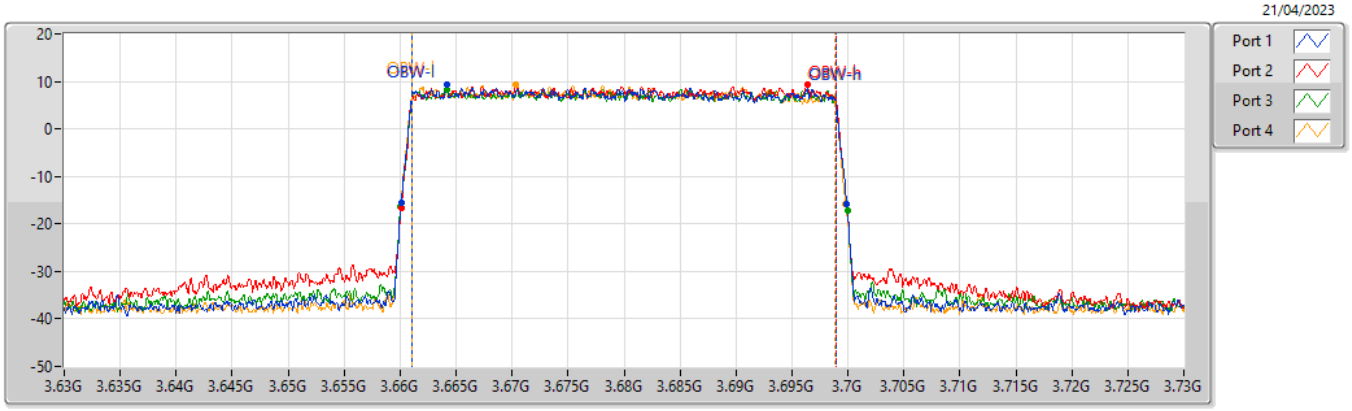
3625MHz_CP-OFDM_QPSK_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.65M	3.60525G	3.6449G	37.821M	3.60608G	3.643901G	1	3.625G	100M	300k	1M
39.6M	3.6053G	3.6449G	37.819M	3.606076G	3.643895G	2	3.625G	100M	300k	1M
39.65M	3.60525G	3.6449G	37.821M	3.606075G	3.643896G	3	3.625G	100M	300k	1M
39.6M	3.6053G	3.6449G	37.812M	3.606097G	3.64391G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

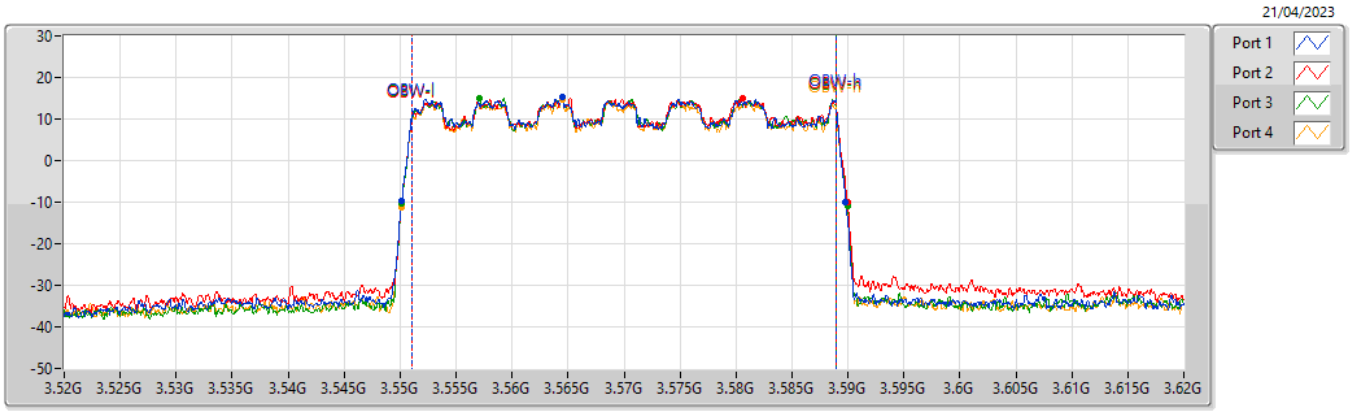
3680MHz_CP-OFDM_QPSK_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.8M	3.6601G	3.6999G	37.831M	3.661059G	3.698891G	1	3.68G	100M	300k	1M
39.8M	3.6601G	3.6999G	37.831M	3.661059G	3.698891G	2	3.68G	100M	300k	1M
39.9M	3.66005G	3.69995G	37.831M	3.661059G	3.698891G	3	3.68G	100M	300k	1M
39.75M	3.66005G	3.6998G	37.731M	3.661059G	3.698791G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

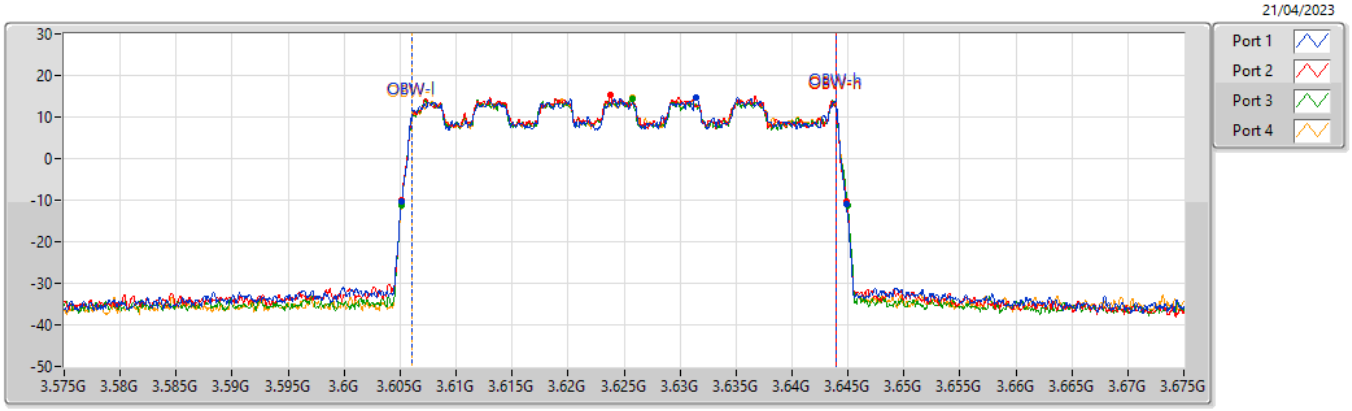
3570MHz_CP-OFDM_16QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.65M	3.55015G	3.5898G	37.881M	3.551059G	3.588941G	1	3.57G	100M	300k	1M
39.8M	3.55015G	3.58995G	37.881M	3.551109G	3.588991G	2	3.57G	100M	300k	1M
39.8M	3.55015G	3.58995G	37.881M	3.551109G	3.588991G	3	3.57G	100M	300k	1M
39.75M	3.5501G	3.58985G	37.831M	3.551109G	3.588941G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

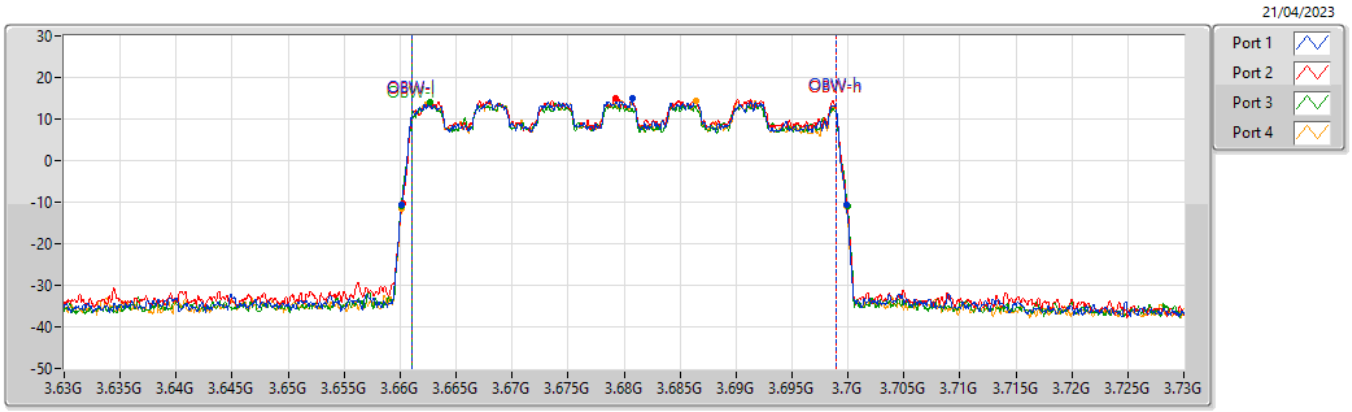
3625MHz_CP-OFDM_16QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.7M	3.60515G	3.64485G	37.931M	3.606059G	3.643991G	1	3.625G	100M	300k	1M
39.7M	3.60515G	3.64485G	37.831M	3.606109G	3.643941G	2	3.625G	100M	300k	1M
39.85M	3.6051G	3.64495G	37.831M	3.606109G	3.643941G	3	3.625G	100M	300k	1M
39.75M	3.60515G	3.6449G	37.931M	3.606059G	3.643991G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

3680MHz_CP-OFDM_16QAM_Outer_Full

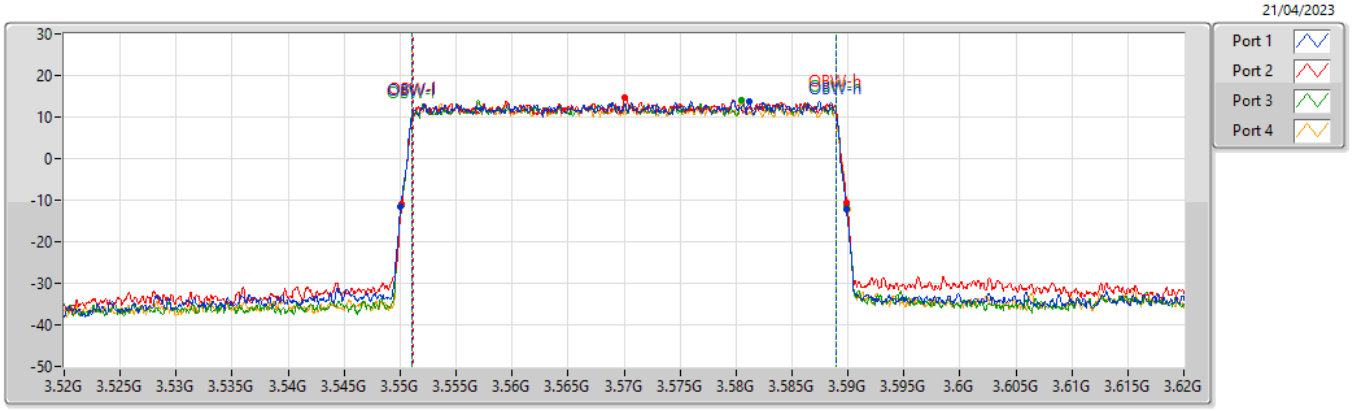


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.7M	3.66015G	3.69985G	37.931M	3.661059G	3.698991G	1	3.68G	100M	300k	1M
39.7M	3.6602G	3.6999G	37.931M	3.661059G	3.698991G	2	3.68G	100M	300k	1M
39.85M	3.6601G	3.69995G	37.881M	3.661059G	3.698941G	3	3.68G	100M	300k	1M
39.7M	3.66015G	3.69985G	37.881M	3.661059G	3.698941G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

EBW

3570MHz_CP-OFDM_64QAM_Outer_Full

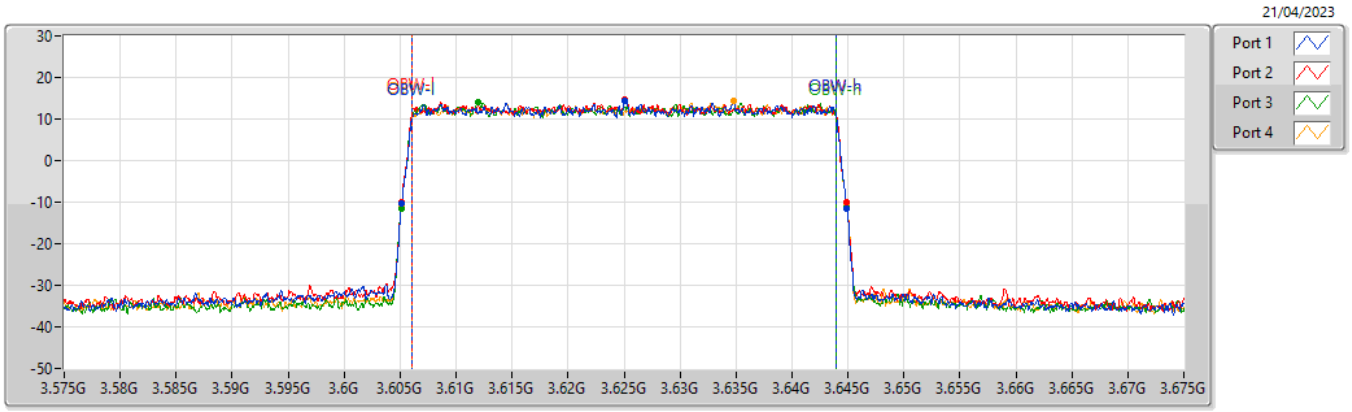


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.8M	3.55005G	3.58985G	37.781M	3.551109G	3.588891G	1	3.57G	100M	300k	1M
39.75M	3.55015G	3.5899G	37.781M	3.551159G	3.588941G	2	3.57G	100M	300k	1M
39.75M	3.55015G	3.5899G	37.831M	3.551109G	3.588941G	3	3.57G	100M	300k	1M
39.8M	3.55015G	3.58995G	37.831M	3.551109G	3.588941G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

EBW

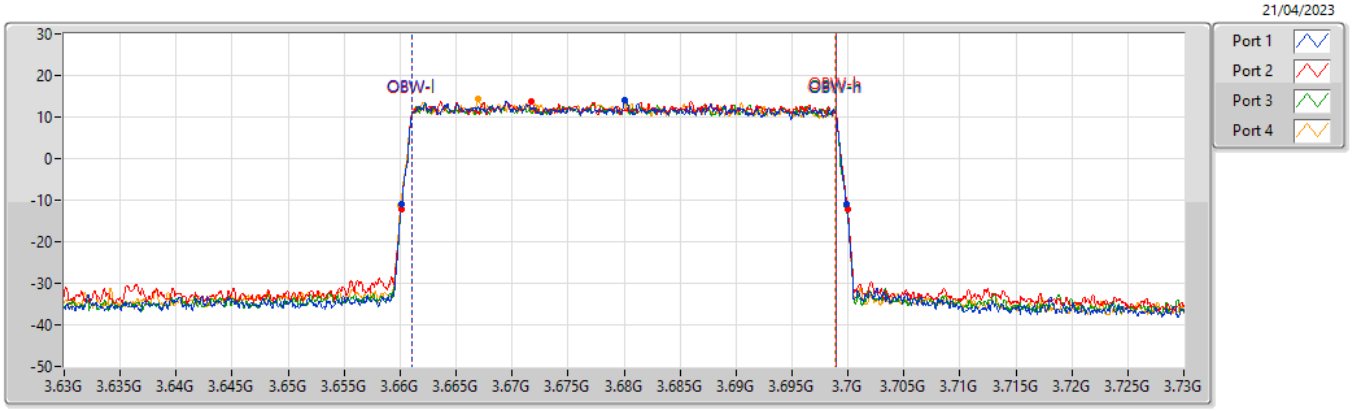
3625MHz_CP-OFDM_64QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.75M	3.60515G	3.6449G	37.781M	3.606109G	3.643891G	1	3.625G	100M	300k	1M
39.7M	3.60515G	3.64485G	37.831M	3.606109G	3.643941G	2	3.625G	100M	300k	1M
39.8M	3.6051G	3.6449G	37.781M	3.606109G	3.643891G	3	3.625G	100M	300k	1M
39.75M	3.60515G	3.6449G	37.781M	3.606109G	3.643891G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

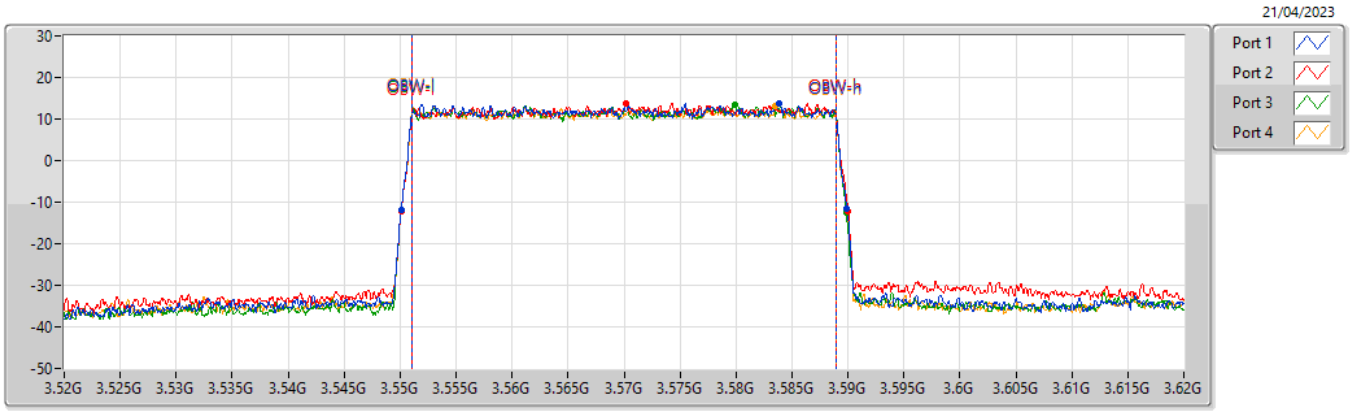
3680MHz_CP-OFDM_64QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.7M	3.66015G	3.69985G	37.781M	3.661109G	3.698891G	1	3.68G	100M	300k	1M
39.85M	3.6601G	3.69995G	37.781M	3.661109G	3.698891G	2	3.68G	100M	300k	1M
39.7M	3.66015G	3.69985G	37.781M	3.661109G	3.698891G	3	3.68G	100M	300k	1M
39.8M	3.66005G	3.69985G	37.781M	3.661059G	3.698841G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

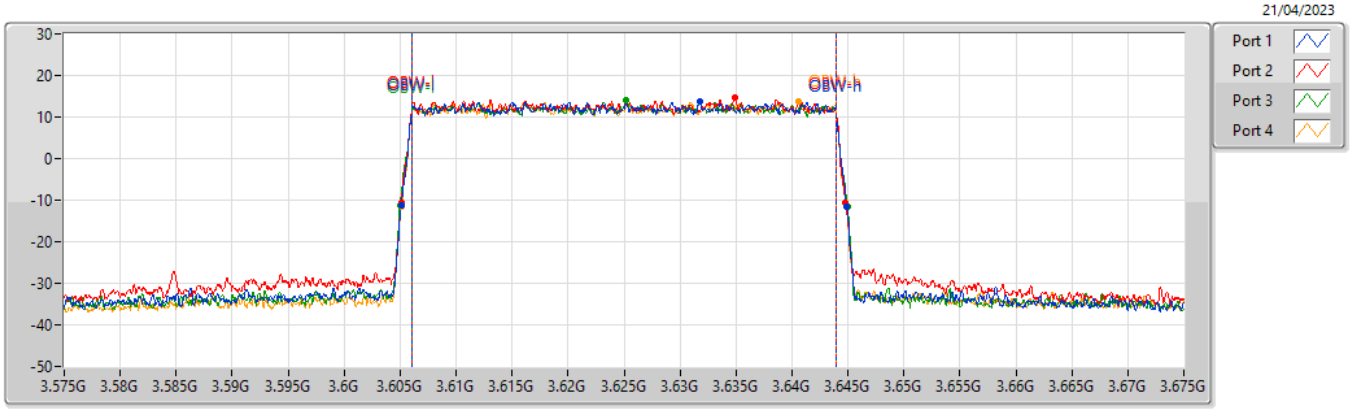
3570MHz_CP-OFDM_256QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.8M	3.5501G	3.5899G	37.831M	3.551059G	3.588891G	1	3.57G	100M	300k	1M
39.9M	3.5501G	3.59G	37.781M	3.551109G	3.588891G	2	3.57G	100M	300k	1M
39.75M	3.5501G	3.58985G	37.831M	3.551059G	3.588891G	3	3.57G	100M	300k	1M
39.8M	3.5501G	3.5899G	37.831M	3.551059G	3.588891G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

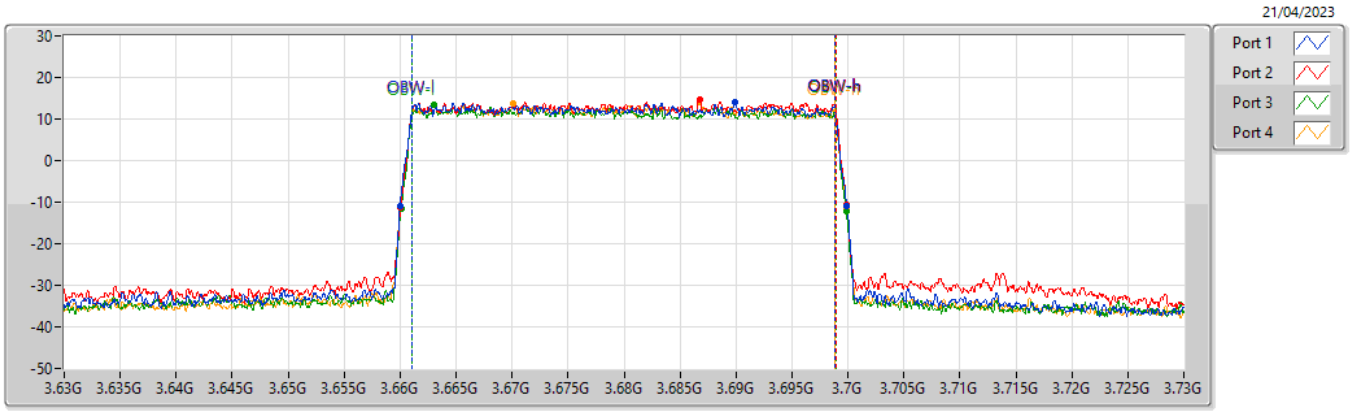
3625MHz_CP-OFDM_256QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.8M	3.6051G	3.6449G	37.781M	3.606109G	3.643891G	1	3.625G	100M	300k	1M
39.7M	3.6051G	3.6448G	37.831M	3.606059G	3.643891G	2	3.625G	100M	300k	1M
39.95M	3.605G	3.64495G	37.831M	3.606059G	3.643891G	3	3.625G	100M	300k	1M
39.75M	3.6051G	3.64485G	37.831M	3.606059G	3.643891G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

3680MHz_CP-OFDM_256QAM_Outer_Full



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.9M	3.66G	3.6999G	37.781M	3.661059G	3.698841G	1	3.68G	100M	300k	1M
39.85M	3.66005G	3.6999G	37.831M	3.661059G	3.698891G	2	3.68G	100M	300k	1M
39.75M	3.6601G	3.69985G	37.831M	3.661059G	3.698891G	3	3.68G	100M	300k	1M
39.85M	3.66G	3.69985G	37.781M	3.661059G	3.698841G	4	3.68G	100M	300k	1M

Summary

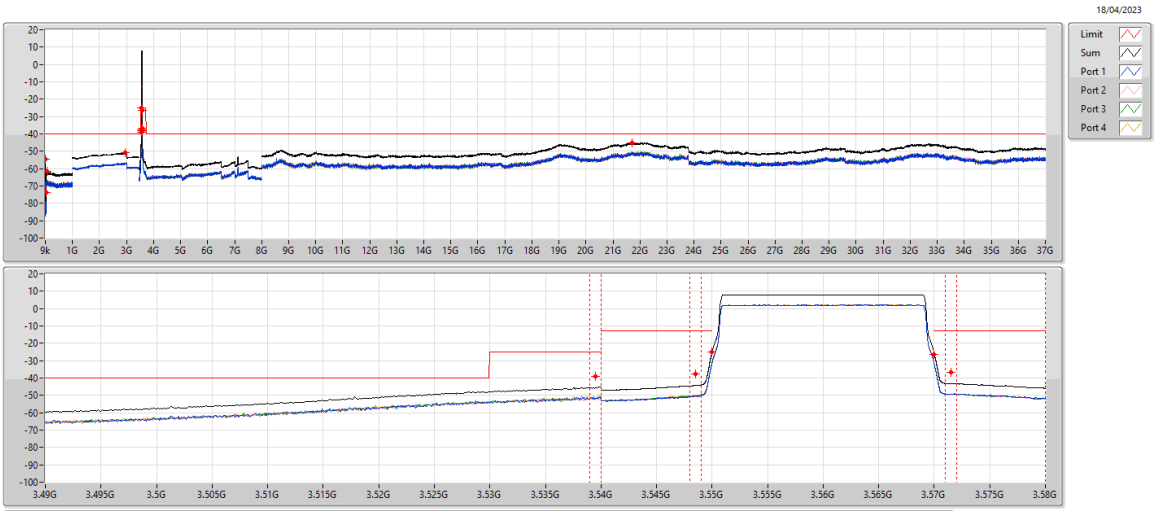
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48	-	-	-	-	-	-	-	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.71G	8G	1M	3M	RMS	7.38224G	-40.16	-40.00	-0.16	-	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.71G	8G	1M	3M	RMS	7.37366G	-40.73	-40.00	-0.73	-	-

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	127.299k	-54.30	-40.00	-14.30	-	-
3560MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	28.955M	-73.65	-40.00	-33.65	-	-
3560MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	49.4M	-61.64	-40.00	-21.64	-	-
3560MHz_Outer_Full	Pass	1G	3.45G	1M	3M	RMS	2.9649G	-50.89	-40.00	-10.89	-	-
3560MHz_Outer_Full	Pass	3.45G	3.54G	200k	1M	RMS	3.5395G	-38.85	-25.00	-13.85	MBW 1M	-
3560MHz_Outer_Full	Pass	3.54G	3.549G	200k	1M	RMS	3.5485G	-37.62	-13.00	-24.62	MBW 1M	-
3560MHz_Outer_Full	Pass	3.549G	3.55G	200k	1M	RMS	3.55G	-25.22	-13.00	-12.22	-	-
3560MHz_Outer_Full	Pass	3.57G	3.571G	200k	1M	RMS	3.57G	-26.22	-13.00	-13.22	-	-
3560MHz_Outer_Full	Pass	3.571G	3.58G	200k	1M	RMS	3.5715G	-36.58	-13.00	-23.58	MBW 1M	-
3560MHz_Outer_Full	Pass	3.58G	8G	200k	1M	RMS	3.5805G	-38.16	-25.00	-13.16	MBW 1M	-
3560MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	21.69888G	-45.00	-40.00	-5.00	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	129.414k	-54.14	-40.00	-14.14	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	24.239M	-73.89	-40.00	-33.89	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	48.43M	-61.42	-40.00	-21.42	-	-
3625MHz_Outer_Full	Pass	1G	3.45G	1M	3M	RMS	2.9796G	-50.81	-40.00	-10.81	-	-
3625MHz_Outer_Full	Pass	3.45G	3.605G	200k	1M	RMS	3.6045G	-35.86	-25.00	-10.86	MBW 1M	-
3625MHz_Outer_Full	Pass	3.605G	3.614G	200k	1M	RMS	3.6135G	-35.64	-13.00	-22.64	MBW 1M	-
3625MHz_Outer_Full	Pass	3.614G	3.615G	200k	1M	RMS	3.615G	-25.32	-13.00	-12.32	-	-
3625MHz_Outer_Full	Pass	3.635G	3.636G	200k	1M	RMS	3.635G	-25.97	-13.00	-12.97	-	-
3625MHz_Outer_Full	Pass	3.636G	3.645G	200k	1M	RMS	3.6365G	-35.18	-13.00	-22.18	MBW 1M	-
3625MHz_Outer_Full	Pass	3.645G	8G	200k	1M	RMS	3.6455G	-36.99	-25.00	-11.99	MBW 1M	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	21.659G	-44.82	-40.00	-4.82	-	-
3690MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.568k	-55.02	-40.00	-15.02	-	-
3690MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	27.373M	-74.09	-40.00	-34.09	-	-
3690MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	39.7M	-61.56	-40.00	-21.56	-	-
3690MHz_Outer_Full	Pass	1G	3.45G	1M	3M	RMS	2.9747G	-50.82	-40.00	-10.82	-	-
3690MHz_Outer_Full	Pass	3.45G	3.67G	200k	1M	RMS	3.6695G	-44.72	-25.00	-19.72	MBW 1M	-
3690MHz_Outer_Full	Pass	3.67G	3.679G	200k	1M	RMS	3.6785G	-44.11	-13.00	-31.11	MBW 1M	-
3690MHz_Outer_Full	Pass	3.679G	3.68G	200k	1M	RMS	3.68G	-29.69	-13.00	-16.69	-	-
3690MHz_Outer_Full	Pass	3.7G	3.701G	200k	1M	RMS	3.7G	-31.19	-13.00	-18.19	-	-
3690MHz_Outer_Full	Pass	3.701G	3.71G	200k	1M	RMS	3.7015G	-44.65	-13.00	-31.65	MBW 1M	-
3690MHz_Outer_Full	Pass	3.71G	8G	1M	3M	RMS	7.38224G	-40.16	-40.00	-0.16	-	-
3690MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	21.63363G	-44.81	-40.00	-4.81	-	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-55.06	-40.00	-15.06	-	-
3570MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	28.716M	-73.88	-40.00	-33.88	-	-
3570MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	45.52M	-61.62	-40.00	-21.62	-	-
3570MHz_Outer_Full	Pass	1G	3.45G	1M	3M	RMS	2.9943G	-50.77	-40.00	-10.77	-	-
3570MHz_Outer_Full	Pass	3.45G	3.54G	500k	2M	RMS	3.5395G	-34.22	-25.00	-9.22	MBW 1M	-
3570MHz_Outer_Full	Pass	3.54G	3.549G	500k	2M	RMS	3.5485G	-33.93	-13.00	-20.93	MBW 1M	-
3570MHz_Outer_Full	Pass	3.549G	3.55G	500k	2M	RMS	3.55G	-22.42	-13.00	-9.42	-	-
3570MHz_Outer_Full	Pass	3.59G	3.591G	500k	2M	RMS	3.59G	-22.97	-13.00	-9.97	-	-
3570MHz_Outer_Full	Pass	3.591G	3.6G	500k	2M	RMS	3.5925G	-32.50	-13.00	-19.50	MBW 1M	-
3570MHz_Outer_Full	Pass	3.6G	8G	1M	3M	RMS	7.142G	-44.92	-40.00	-4.92	-	-
3570MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	21.746G	-45.05	-40.00	-5.05	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	130.26k	-55.47	-40.00	-15.47	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	27.224M	-73.74	-40.00	-33.74	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	55.22M	-61.48	-40.00	-21.48	-	-
3625MHz_Outer_Full	Pass	1G	3.45G	1M	3M	RMS	2.99675G	-50.87	-40.00	-10.87	-	-
3625MHz_Outer_Full	Pass	3.45G	3.595G	500k	2M	RMS	3.5945G	-32.21	-25.00	-7.21	MBW 1M	-
3625MHz_Outer_Full	Pass	3.595G	3.604G	500k	2M	RMS	3.6035G	-31.48	-13.00	-18.48	MBW 1M	-
3625MHz_Outer_Full	Pass	3.604G	3.605G	500k	2M	RMS	3.605G	-22.33	-13.00	-9.33	-	-
3625MHz_Outer_Full	Pass	3.645G	3.646G	500k	2M	RMS	3.645G	-22.90	-13.00	-9.90	-	-
3625MHz_Outer_Full	Pass	3.646G	3.655G	500k	2M	RMS	3.6465G	-32.72	-13.00	-19.72	MBW 1M	-
3625MHz_Outer_Full	Pass	3.655G	8G	1M	3M	RMS	7.24832G	-43.99	-40.00	-3.99	-	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	21.74963G	-44.78	-40.00	-4.78	-	-
3680MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	129.132k	-54.97	-40.00	-14.97	-	-
3680MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	28.746M	-73.62	-40.00	-33.62	-	-
3680MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	38.73M	-61.80	-40.00	-21.80	-	-
3680MHz_Outer_Full	Pass	1G	3.45G	1M	3M	RMS	2.98205G	-50.79	-40.00	-10.79	-	-
3680MHz_Outer_Full	Pass	3.45G	3.65G	500k	2M	RMS	3.6495G	-44.15	-25.00	-19.15	MBW 1M	-
3680MHz_Outer_Full	Pass	3.65G	3.659G	500k	2M	RMS	3.6585G	-45.02	-13.00	-32.02	MBW 1M	-
3680MHz_Outer_Full	Pass	3.659G	3.66G	500k	2M	RMS	3.66G	-26.24	-13.00	-13.24	-	-
3680MHz_Outer_Full	Pass	3.7G	3.701G	500k	2M	RMS	3.7G	-27.65	-13.00	-14.65	-	-
3680MHz_Outer_Full	Pass	3.701G	3.71G	500k	2M	RMS	3.7015G	-41.29	-13.00	-28.29	MBW 1M	-
3680MHz_Outer_Full	Pass	3.71G	8G	1M	3M	RMS	7.37366G	-40.73	-40.00	-0.73	-	-
3680MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	21.688G	-44.89	-40.00	-4.89	-	-

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

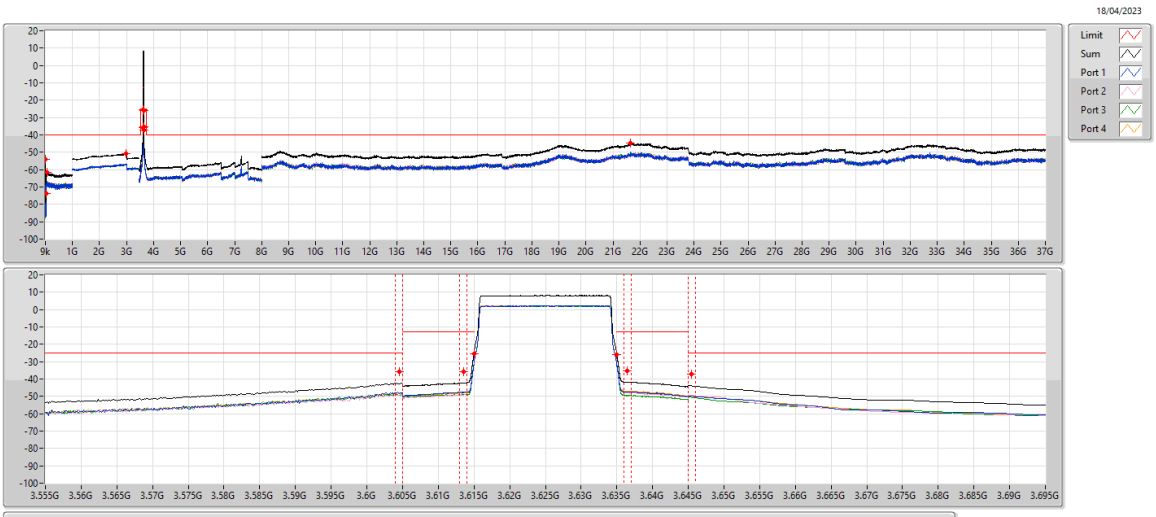
3560MHz_CP-OFDM_QPSK_Outer_Full



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	1k	3k	RMS	127.299k	-54.30	-40.00	-14.30	-	-	-64.85	-58.30	-58.80	-62.30
150k	30M	10k	30k	RMS	28.955M	-73.65	-40.00	-33.65	-	-	-82.85	-78.68	-80.26	-78.25
30M	1G	100k	300k	RMS	49.4M	-61.64	-40.00	-21.64	-	-	-66.76	-67.82	-67.73	-68.50
1G	3.45G	1M	3M	RMS	2.9649G	-50.89	-40.00	-10.89	-	-	-57.22	-56.56	-57.08	-56.81
3.45G	3.54G	200k	1M	RMS	3.5395G	-38.85	-25.00	-13.85	MBW 1M	-	-	-	-	-
3.54G	3.549G	200k	1M	RMS	3.5485G	-37.62	-13.00	-24.62	MBW 1M	-	-	-	-	-
3.549G	3.55G	200k	1M	RMS	3.55G	-25.22	-13.00	-12.22	-	-	-31.33	-31.24	-31.21	-31.20
3.57G	3.571G	200k	1M	RMS	3.57G	-26.22	-13.00	-13.22	-	-	-32.15	-32.44	-32.17	-32.22
3.571G	3.58G	200k	1M	RMS	3.5715G	-36.58	-13.00	-23.58	MBW 1M	-	-	-	-	-
3.58G	8G	200k	1M	RMS	3.5805G	-38.16	-25.00	-13.16	MBW 1M	-	-	-	-	-
8G	37G	1M	3M	RMS	21.69888G	-45.00	-40.00	-5.00	-	-	-50.95	-51.29	-51.53	-50.38

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

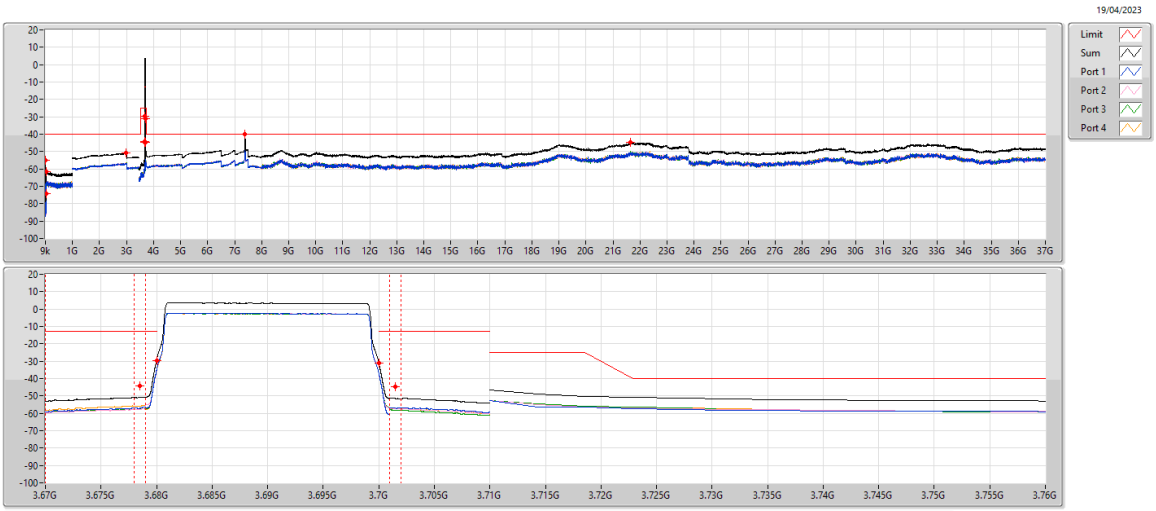
3625MHz_CP-OFDM_QPSK_Outer_Full



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	1k	3k	RMS	129.414k	-54.14	-40.00	-14.14	-	-	-62.74	-60.44	-59.14	-59.22
150k	30M	10k	30k	RMS	24.239M	-73.89	-40.00	-33.89	-	-	-82.52	-81.63	-80.07	-77.32
30M	1G	100k	300k	RMS	48.43M	-61.42	-40.00	-21.42	-	-	-67.67	-68.47	-66.90	-66.91
1G	3.45G	1M	3M	RMS	2.9796G	-50.81	-40.00	-10.81	-	-	-56.91	-56.81	-56.90	-56.71
3.45G	3.605G	200k	1M	RMS	3.6045G	-35.86	-25.00	-10.86	MBW 1M	-	-	-	-	-
3.605G	3.614G	200k	1M	RMS	3.6135G	-35.64	-13.00	-22.64	MBW 1M	-	-	-	-	-
3.614G	3.615G	200k	1M	RMS	3.615G	-25.32	-13.00	-12.32	-	-	-31.34	-31.40	-31.44	-31.18
3.635G	3.636G	200k	1M	RMS	3.635G	-25.97	-13.00	-12.97	-	-	-32.03	-31.86	-32.18	-31.89
3.636G	3.645G	200k	1M	RMS	3.6365G	-35.18	-13.00	-22.18	MBW 1M	-	-	-	-	-
3.645G	8G	200k	1M	RMS	3.6455G	-36.99	-25.00	-11.99	MBW 1M	-	-	-	-	-
8G	37G	1M	3M	RMS	21.659G	-44.82	-40.00	-4.82	-	-	-49.71	-51.00	-51.20	-51.69

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

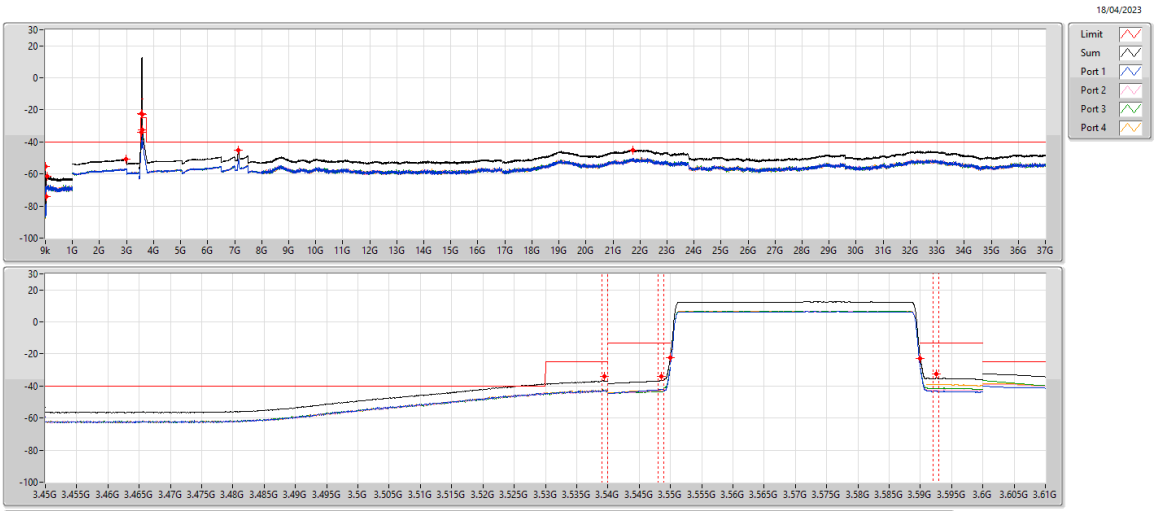
3690MHz_CP-OFDM_QPSK_Outer_Full



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	1k	3k	RMS	128.568k	-55.02	-40.00	-15.02	-	-	-61.58	-63.56	-58.97	-61.27
150k	30M	10k	30k	RMS	27.373M	-74.09	-40.00	-34.09	-	-	-79.60	-78.81	-80.55	-82.18
30M	1G	100k	300k	RMS	39.7M	-61.56	-40.00	-21.56	-	-	-66.64	-69.13	-67.30	-67.61
1G	3.45G	1M	3M	RMS	2.9747G	-50.82	-40.00	-10.82	-	-	-56.87	-56.71	-56.96	-56.83
3.45G	3.67G	200k	1M	RMS	3.6695G	-44.72	-25.00	-19.72	MBW 1M	-	-	-	-	-
3.67G	3.679G	200k	1M	RMS	3.6785G	-44.11	-13.00	-31.11	MBW 1M	-	-	-	-	-
3.679G	3.68G	200k	1M	RMS	3.68G	-29.69	-13.00	-16.69	-	-	-35.41	-35.87	-35.71	-35.86
3.7G	3.701G	200k	1M	RMS	3.7G	-31.19	-13.00	-18.19	-	-	-37.01	-37.29	-37.25	-37.31
3.701G	3.71G	200k	1M	RMS	3.7015G	-44.65	-13.00	-31.65	MBW 1M	-	-	-	-	-
3.71G	8G	1M	3M	RMS	7.38224G	-40.16	-40.00	-0.16	-	-	-46.28	-46.18	-46.00	-46.27
8G	37G	1M	3M	RMS	21.63363G	-44.81	-40.00	-4.81	-	-	-51.20	-51.76	-49.66	-50.98

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

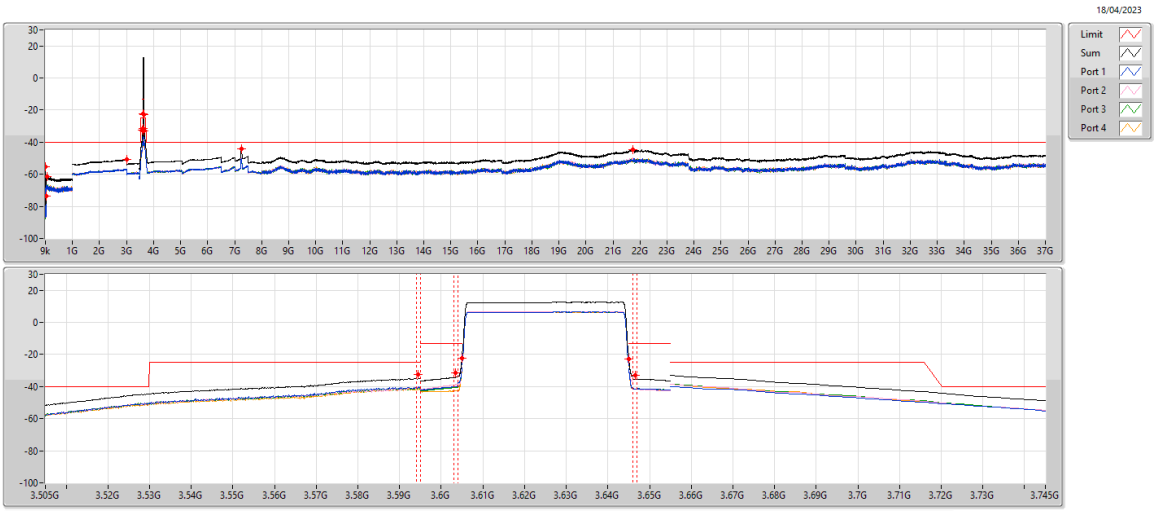
3570MHz_CP-OFDM_QPSK_Outer_Full



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	1k	3k	RMS	128.85k	-55.06	-40.00	-15.06	-	-	-60.34	-62.54	-62.99	-59.46
150k	30M	10k	30k	RMS	28.716M	-73.88	-40.00	-33.88	-	-	-79.93	-78.89	-79.15	-82.42
30M	1G	100k	300k	RMS	45.52M	-61.62	-40.00	-21.62	-	-	-67.57	-66.69	-68.54	-67.99
1G	3.45G	1M	3M	RMS	2.9943G	-50.77	-40.00	-10.77	-	-	-57.00	-56.60	-56.87	-56.72
3.45G	3.54G	500k	2M	RMS	3.5395G	-34.22	-25.00	-9.22	MBW 1M	-	-	-	-	-
3.54G	3.549G	500k	2M	RMS	3.5485G	-33.93	-13.00	-20.93	MBW 1M	-	-	-	-	-
3.549G	3.55G	500k	2M	RMS	3.55G	-22.42	-13.00	-9.42	-	-	-28.49	-28.77	-28.27	-28.24
3.59G	3.591G	500k	2M	RMS	3.59G	-22.97	-13.00	-9.97	-	-	-29.11	-29.20	-28.94	-28.72
3.591G	3.6G	500k	2M	RMS	3.5925G	-32.50	-13.00	-19.50	MBW 1M	-	-	-	-	-
3.6G	8G	1M	3M	RMS	7.142G	-44.92	-40.00	-4.92	-	-	-50.98	-50.75	-50.93	-51.09
8G	37G	1M	3M	RMS	21.746G	-45.05	-40.00	-5.05	-	-	-50.38	-51.57	-50.58	-51.94

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

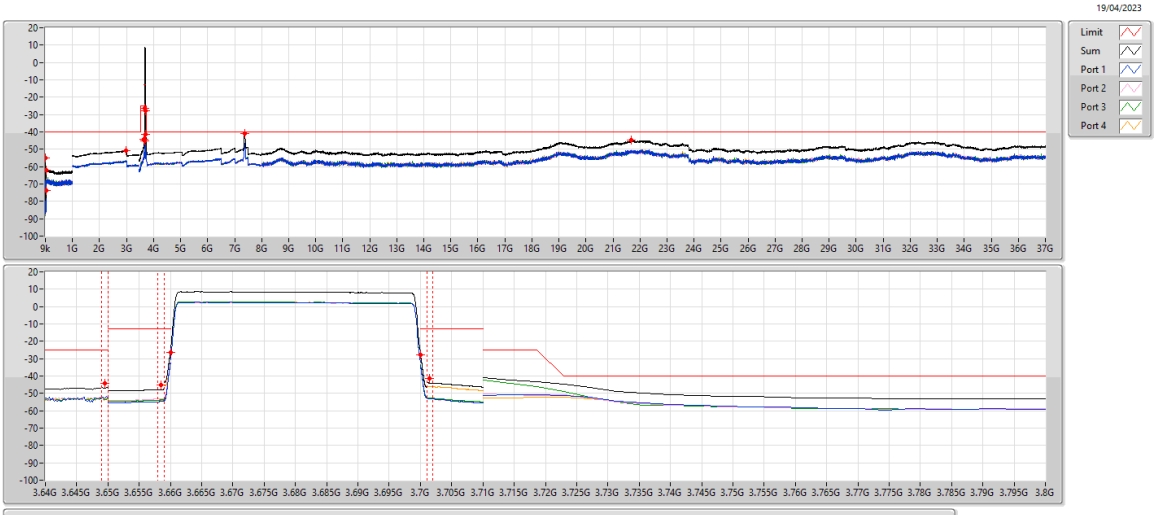
3625MHz_CP-OFDM_QPSK_Outer_Full



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	1k	3k	RMS	130.26k	-55.47	-40.00	-15.47	-	-	-60.53	-69.60	-59.43	-61.52
150k	30M	10k	30k	RMS	27.224M	-73.74	-40.00	-33.74	-	-	-79.98	-78.76	-81.65	-79.17
30M	1G	100k	300k	RMS	55.22M	-61.48	-40.00	-21.48	-	-	-67.36	-68.15	-67.72	-66.87
1G	3.45G	1M	3M	RMS	2.99675G	-50.87	-40.00	-10.87	-	-	-57.10	-56.82	-56.76	-56.88
3.45G	3.595G	500k	2M	RMS	3.5945G	-32.21	-25.00	-7.21	MBW 1M	-	-	-	-	-
3.595G	3.604G	500k	2M	RMS	3.6035G	-31.48	-13.00	-18.48	MBW 1M	-	-	-	-	-
3.604G	3.605G	500k	2M	RMS	3.605G	-22.33	-13.00	-9.33	-	-	-28.40	-28.09	-28.21	-28.71
3.645G	3.646G	500k	2M	RMS	3.645G	-22.90	-13.00	-9.90	-	-	-29.01	-28.76	-28.90	-29.02
3.646G	3.655G	500k	2M	RMS	3.6465G	-32.72	-13.00	-19.72	MBW 1M	-	-	-	-	-
3.655G	8G	1M	3M	RMS	7.24832G	-43.99	-40.00	-3.99	-	-	-50.34	-49.87	-49.96	-49.90
8G	37G	1M	3M	RMS	21.74963G	-44.78	-40.00	-4.78	-	-	-51.06	-49.98	-51.86	-50.52

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

3680MHz_CP-OFDM_QPSK_Outer_Full



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	1k	3k	RMS	129.132k	-54.97	-40.00	-14.97	-	-	-62.64	-60.13	-61.17	-60.42
150k	30M	10k	30k	RMS	28.746M	-73.62	-40.00	-33.62	-	-	-81.00	-77.73	-80.18	-80.44
30M	1G	100k	300k	RMS	38.73M	-61.80	-40.00	-21.80	-	-	-68.30	-67.67	-68.03	-67.36
1G	3.45G	1M	3M	RMS	2.98205G	-50.79	-40.00	-10.79	-	-	-56.84	-57.01	-56.62	-56.80
3.45G	3.65G	500k	2M	RMS	3.6495G	-44.15	-25.00	-19.15	MBW 1M	-	-	-	-	-
3.65G	3.659G	500k	2M	RMS	3.6585G	-45.02	-13.00	-32.02	MBW 1M	-	-	-	-	-
3.659G	3.66G	500k	2M	RMS	3.66G	-26.24	-13.00	-13.24	-	-	-32.71	-31.94	-32.25	-32.16
3.7G	3.701G	500k	2M	RMS	3.7G	-27.65	-13.00	-14.65	-	-	-33.88	-33.80	-33.57	-33.44
3.701G	3.71G	500k	2M	RMS	3.7015G	-41.29	-13.00	-28.29	MBW 1M	-	-	-	-	-
3.71G	8G	1M	3M	RMS	7.37366G	-40.73	-40.00	-0.73	-	-	-46.35	-46.94	-46.68	-47.05
8G	37G	1M	3M	RMS	21.688G	-44.89	-40.00	-4.89	-	-	-50.76	-50.35	-51.02	-51.60

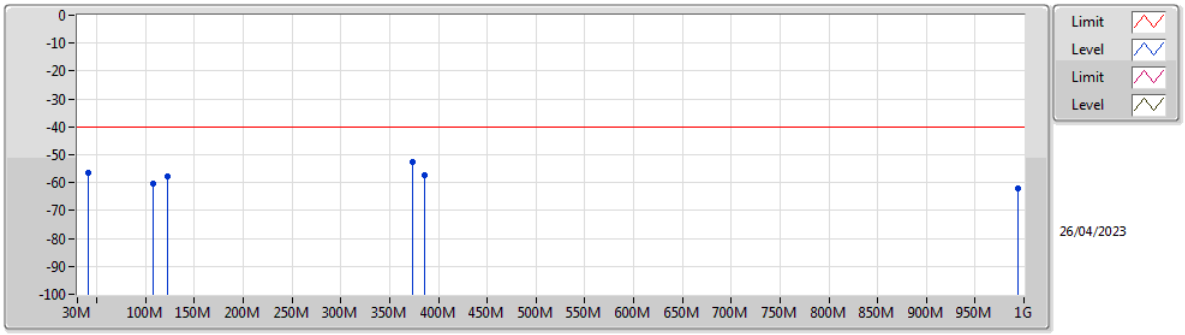
Summary

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Band 48	-	-	-	-	-	-	-	-	-	-	-	-
NR_20MHz_CP-OFMbpsMCS_QPSK	Pass	PK	373.2M	-52.50	-40.00	-12.50	-18.79	3	Vertical	0	1.54	-

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

Band 48_NR_20MHz_CP-OFMbpsMCS_QPSK

3625MHz_Traffic

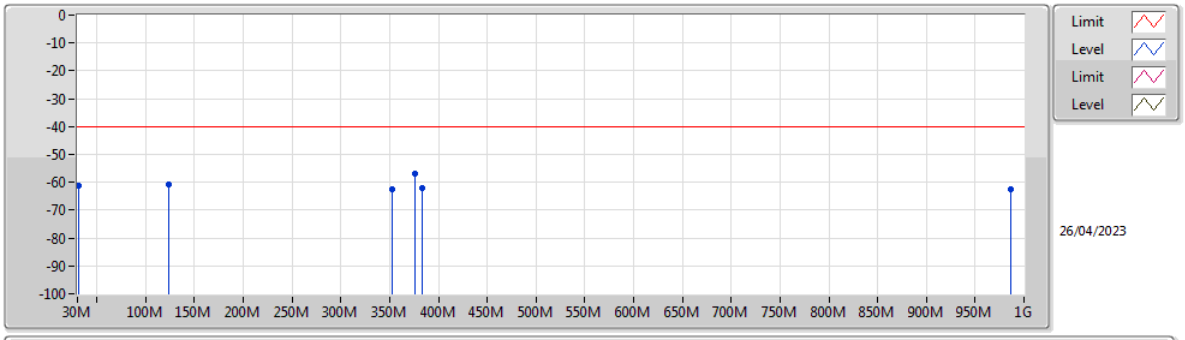


EUT Y
Setting 0
05-M-M-2-10
POE(POE90U-1BT-5)

Freq	Level	Limit	Margin	Factor	Condition
(Hz)	(dBm)	(dBm)	(dB)	(dB)	
373.2M	-52.50	-40.00	-12.50	-18.79	Vertical
40.76M	-56.40	-40.00	-16.40	-27.87	Vertical
385.84M	-57.32	-40.00	-17.32	-18.30	Vertical
122.76M	-57.77	-40.00	-17.77	-20.96	Vertical
107.24M	-60.29	-40.00	-20.29	-21.92	Vertical
994.03M	-61.99	-40.00	-21.99	-9.27	Vertical

Band 48_NR_20MHz_CP-OFMbpsMCS_QPSK

3625MHz_Traffic

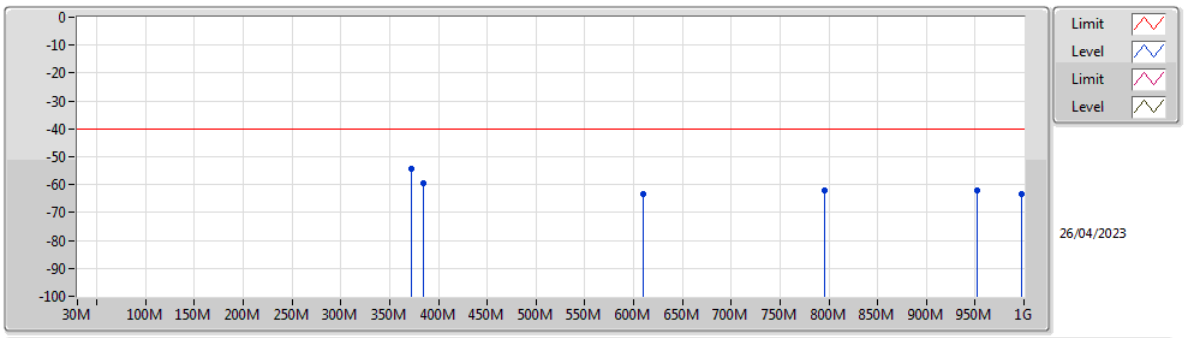


EUT Y
Setting 0
05-M-M-2-10
POE(POE90U-1BT-5)

Freq	Level	Limit	Margin	Factor	Condition
(Hz)	(dBm)	(dBm)	(dB)	(dB)	
376.29M	-57.10	-40.00	-17.10	-20.83	Horizontal
123.61M	-60.63	-40.00	-20.63	-27.39	Horizontal
31.24M	-61.09	-40.00	-21.09	-15.91	Horizontal
382.75M	-62.05	-40.00	-22.05	-21.03	Horizontal
986.66M	-62.38	-40.00	-22.38	-10.36	Horizontal
352.4M	-62.47	-40.00	-22.47	-20.10	Horizontal

Band 48_NR_20MHz_CP-OFMbpsMCS_QPSK

3625MHz_Traffic

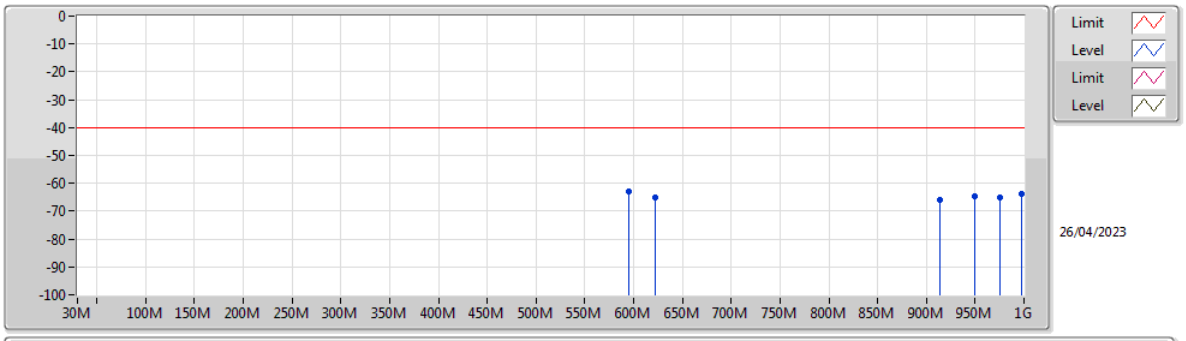


EUT Y
Setting 0
05-M-M-2-10
adaptor(FSP096-AHAN3)

Freq	Level	Limit	Margin	Factor	Condition
(Hz)	(dBm)	(dBm)	(dB)	(dB)	
371.93M	-54.50	-40.00	-14.50	-18.84	Vertical
385.11M	-59.51	-40.00	-19.51	-18.33	Vertical
795.27M	-61.92	-40.00	-21.92	-10.79	Vertical
951.8M	-62.05	-40.00	-22.05	-10.17	Vertical
997.21M	-63.35	-40.00	-23.35	-9.20	Vertical
609.7M	-63.42	-40.00	-23.42	-11.67	Vertical

Band 48_NR_20MHz_CP-OFMbpsMCS_QPSK

3625MHz_Traffic



EUT Y
Setting 0
05-M-M-2-10
adaptor(FSP096-AHAN3)

Freq	Level	Limit	Margin	Factor	Condition
(Hz)	(dBm)	(dBm)	(dB)	(dB)	
595.21M	-62.77	-40.00	-22.77	-12.37	Horizontal
997.03M	-63.81	-40.00	-23.81	-10.07	Horizontal
949.8M	-64.63	-40.00	-24.63	-11.38	Horizontal
621.49M	-64.94	-40.00	-24.94	-13.02	Horizontal
975.02M	-65.02	-40.00	-25.02	-10.68	Horizontal
914.09M	-65.77	-40.00	-25.77	-12.36	Horizontal

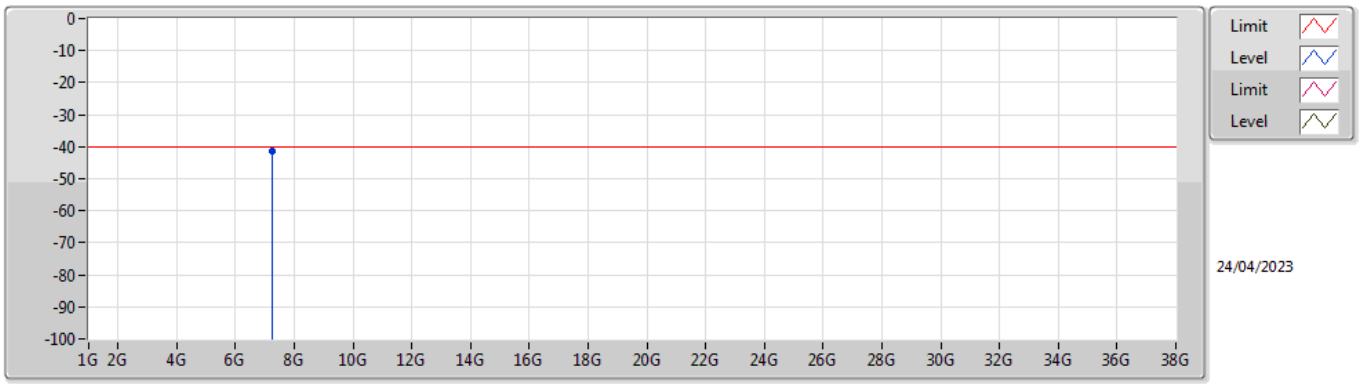
Summary

Mode	Result	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition
48	-	-	-	-	-	-	-
NR_20MHz_CP-OFMbpsMCS_QPSK	Pass	7.24873G	-41.25	-40.00	-1.25	13.66	Vertical

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

48_NR_20MHz_CP-OFMbpsMCS_QPSK

3625MHz_Traffic

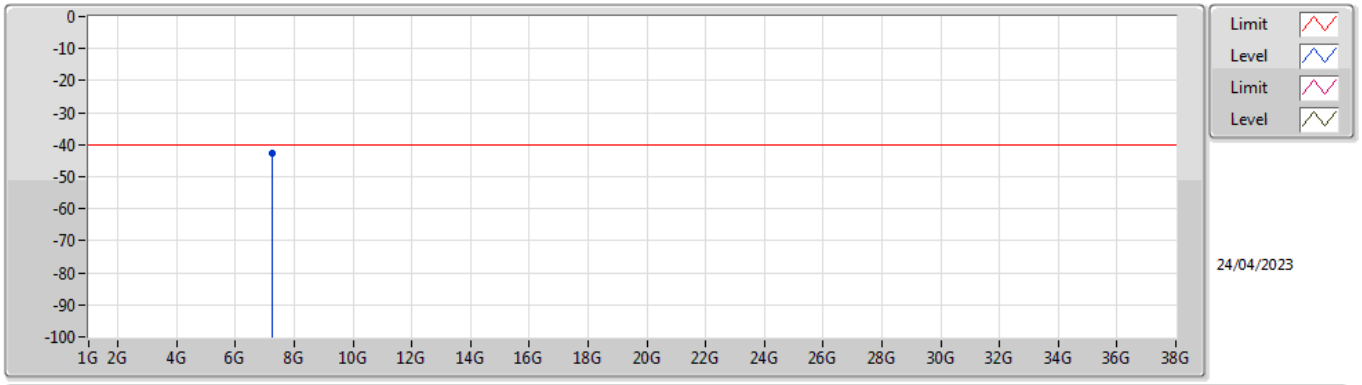


EUT Y
Setting 0
05-M-C-6

Freq	Level	Limit	Margin	Factor	Condition	Raw
(Hz)	(dBm)	(dBm)	(dB)	(dB)		(dBm)
7.24873G	-41.25	-40.00	-1.25	13.66	Vertical	-54.91

48_NR_20MHz_CP-OFMbpsMCS_QPSK

3625MHz_Traffic



EUT Y
Setting 0
05-M-C-6

Freq	Level	Limit	Margin	Factor	Condition	Raw
(Hz)	(dBm)	(dBm)	(dB)	(dB)		(dBm)
7.25533G	-42.81	-40.00	-2.81	11.71	Horizontal	-54.52

Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band n48	-	-	-	-	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.56G	3.55997G	3.550859G	3.569081G	-8.4185	3.55G,3.7G,Inf	1	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.625G	3.62509G	3.60528G	3.6449G	24.8028	3.55G,3.7G,Inf	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full_-30°C	Pass	3.56G	3.559985G	3.550889G	3.569081G	-4.2093	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_-20°C	Pass	3.56G	3.56G	3.550889G	3.569111G	0	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_-10°C	Pass	3.56G	3.55997G	3.550889G	3.569051G	-8.4185	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_0°C	Pass	3.56G	3.55997G	3.550859G	3.569081G	-8.4185	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_10°C	Pass	3.56G	3.55997G	3.550889G	3.569051G	-8.4185	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_20°C	Pass	3.56G	3.55997G	3.550859G	3.569081G	-8.4185	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_30°C	Pass	3.56G	3.559985G	3.550889G	3.569081G	-4.2093	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_40°C	Pass	3.56G	3.559985G	3.550889G	3.569081G	-4.2093	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_50°C	Pass	3.56G	3.559985G	3.550889G	3.569081G	-4.2093	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_138V	Pass	3.56G	3.55997G	3.550859G	3.569081G	-8.4185	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_120V	Pass	3.56G	3.559985G	3.550889G	3.569081G	-4.2093	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_102V	Pass	3.56G	3.55997G	3.550859G	3.569081G	-8.4185	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.62497G	3.615859G	3.634081G	-8.2676	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.625G	3.615889G	3.634111G	0	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.625G	3.615889G	3.634111G	0	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.62497G	3.615859G	3.634081G	-8.2676	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_102V	Pass	3.625G	3.624985G	3.615889G	3.634081G	-4.1338	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-30°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-20°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-10°C	Pass	3.69G	3.68997G	3.680889G	3.699051G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_0°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_10°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_20°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_30°C	Pass	3.69G	3.689985G	3.680889G	3.699081G	-4.061	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_40°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_50°C	Pass	3.69G	3.68997G	3.680859G	3.699081G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_138V	Pass	3.69G	3.68997G	3.680889G	3.699051G	-8.122	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_120V	Pass	3.69G	3.689985G	3.680889G	3.699081G	-4.061	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_102V	Pass	3.69G	3.689985G	3.680889G	3.699081G	-4.061	3.55G,3.7G,Inf	1	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full_-30°C	Pass	3.57G	3.56997G	3.55034G	3.5896G	-8.395	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_-20°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_-10°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_0°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_10°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_20°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_30°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_40°C	Pass	3.57G	3.56997G	3.55034G	3.5896G	-8.395	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_50°C	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_138V	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_120V	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_102V	Pass	3.57G	3.57G	3.55034G	3.58966G	0	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.62509G	3.60528G	3.6449G	24.8028	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.62509G	3.60528G	3.6449G	24.8028	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.62509G	3.60534G	3.64484G	24.8028	3.55G,3.7G,Inf	1	-

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
3625MHz_Outer_Full_102V	Pass	3.625G	3.62506G	3.60528G	3.64484G	16.5352	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-30°C	Pass	3.68G	3.68G	3.66004G	3.69996G	0	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-20°C	Pass	3.68G	3.67994G	3.66004G	3.69984G	-16.2881	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-10°C	Pass	3.68G	3.67994G	3.66004G	3.69984G	-16.2881	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_0°C	Pass	3.68G	3.67997G	3.66004G	3.6999G	-8.144	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_10°C	Pass	3.68G	3.67994G	3.66004G	3.69984G	-16.2881	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_20°C	Pass	3.68G	3.67991G	3.65998G	3.69984G	-24.4321	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_30°C	Pass	3.68G	3.67997G	3.6601G	3.69984G	-8.144	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_40°C	Pass	3.68G	3.67997G	3.66004G	3.6999G	-8.144	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_50°C	Pass	3.68G	3.67997G	3.66004G	3.6999G	-8.144	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_138V	Pass	3.68G	3.67997G	3.66004G	3.6999G	-8.144	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_120V	Pass	3.68G	3.67991G	3.66004G	3.69978G	-24.4321	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_102V	Pass	3.68G	3.67991G	3.65998G	3.69984G	-24.4321	3.55G,3.7G,Inf	1	-