Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	VUIPR1400-48I
Equipment	:	5G NR O-RU N48
Brand Name	:	PEGATRON
Model Name	:	PR1400-48I
Applicant	:	PEGATRON CORPORATION 5F., NO. 76, LIGONG ST., BEITOU DISTRICT,TAIPEI CITY,TAIWAN 11259
Manufacturer	:	PEGATRON CORPORATION 5F., NO. 76, LIGONG ST., BEITOU DISTRICT,TAIPEI CITY,TAIWAN 11259
Standard	:	47 CFR FCC Part 96

The product was received on Mar. 15, 2024, and testing was started from Mar. 15, 2024 and completed on Mar. 19, 2024. 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: Sam Chen

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
FG410202-01	01	Initial issue of report	Mar. 27, 2024

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: Sophia Shiung

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
Uplink (UL) operating band	5G NR Band n48: 3550 ~ 3700 MHz
Downlink (DL) operating band	5G NR Band n48: 3550 ~ 3700 MHz
Bandwidth	10MHz / 20MHz / 40MHz
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	I-PEX	3.76
2	2	WNC	95XEAJ15.GAK	Metal	I-PEX	3.97
3	3	WNC	95XEAJ15.GAI	Metal	I-PEX	3.80
4	4	WNC	95XEAJ15.GAH	Metal	I-PEX	3.98

Note 1: The above information was declared by manufacturer.

Note 2: The device supports 4 streams only.

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

1.3 Maximum EIRP Power, Frequency Tolerance, and Emission Designator

System	Bandwidth	Type of Modulation	Max. Conducted Power		Maximum EIRP		99% Occupied Bandwidth (MHz)	Emission Designator
			(dBm)	(W)	(dBm)	(W)		
5G NR Band n48	10MHz	QPSK	26.15	0.412	30.13	1.030	8.801	8M80G7D
		16QAM	24.82	0.303	28.80	0.759	8.68	8M68W7D
		64QAM	26.08	0.406	30.06	1.014	8.755	8M76W7D
		256QAM	26.19	0.416	30.17	1.040	8.789	8M79W7D
	20MHz	QPSK	28.03	0.635	32.01	1.589	18.313	18M3G7D
		16QAM	27.72	0.592	31.70	1.479	18.314	18M3W7D
		64QAM	28.31	0.678	32.29	1.694	18.27	18M3W7D
		256QAM	28.32	0.679	32.30	1.698	18.292	18M3W7D
	40MHz	QPSK	29.56	0.904	33.54	2.259	38.032	38M0G7D
		16QAM	30.26	1.062	34.24	2.655	37.936	37M9W7D
		64QAM	30.74	1.186	34.72	2.965	37.987	38M0W7D
		256QAM	30.76	1.191	34.74	2.979	37.849	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	Jay Lo	23.6-24.5 / 61-67	Mar. 15, 2024~ Mar. 18, 2024
Radiated	03CH05-CB	Eason Chen	21.9-22.4 / 55-58	Mar. 18, 2024~ Mar. 19, 2024

1.6 Measurement Uncertainty

Test Items	Uncertainty	Remark
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%

2 Test Configuration of Equipment Under Test

2.1 Test Channel Mode

Mode
Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX
3555MHz
3625MHz
3695MHz
Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX
3555MHz
3625MHz
3695MHz
Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX
3555MHz
3625MHz
3695MHz
Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX
3555MHz
3625MHz
3695MHz
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
3560MHz
3625MHz
3690MHz
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX
3560MHz
3625MHz
3690MHz
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX
3560MHz
3625MHz
3690MHz
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX
3560MHz
3625MHz
3690MHz
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3570MHz
3625MHz
3680MHz

Mode
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX
3570MHz
3625MHz
3680MHz
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX
3570MHz
3625MHz
3680MHz
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX
3570MHz
3625MHz
3680MHz

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
	"EUT in Y axis" generated the worst case at Radiated Spurious Emission > 1GHz. Consequently, the measurement will follow this same test mode.
1	EUT in Y axis + PoE
2	EUT in Y axis + Adapter
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis

Note: The adapter was for measurement only and would not be marketed. Its information is shown as below:

Equipment	Brand Name	Model Name	FCC ID
Adapter	DELTA	ADP-90GR B	N/A

2.3 Accessories

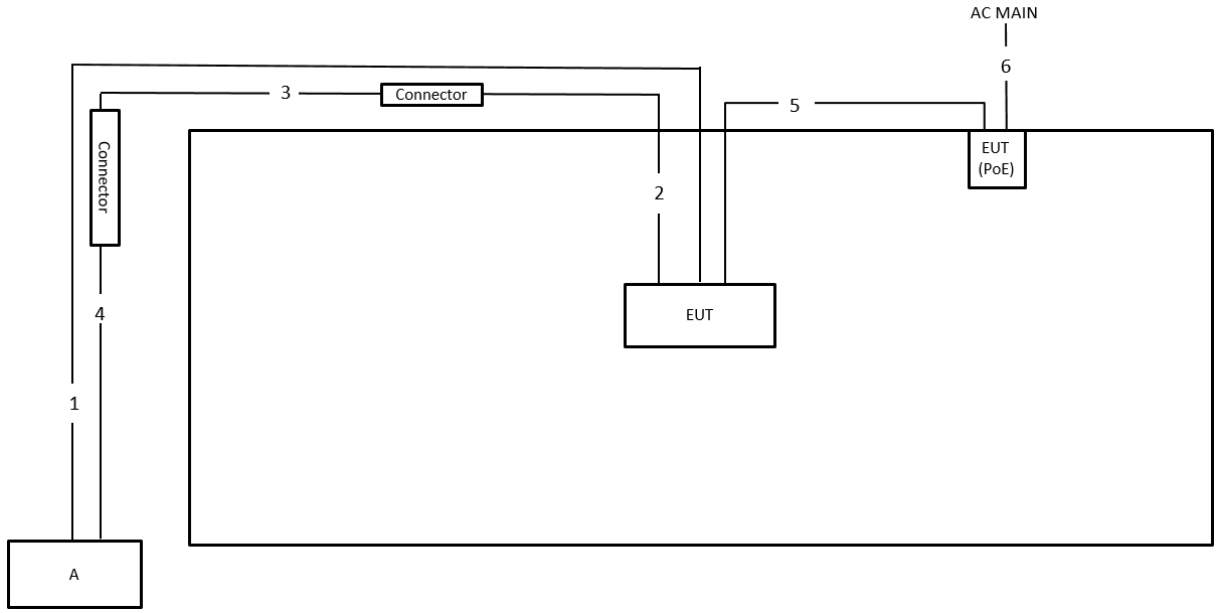
Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
PoE	PHIHONG	POE90U-1BT-5	INPUT: 100-240V ~ 2.5A, 50-60Hz OUTPUT: 56V, 0.80A, 45W
Other			
Wall Bracket*1			

2.4 Support Equipment

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PC	Acer	Veriton M4690G(i7)	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 RJ-45)	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

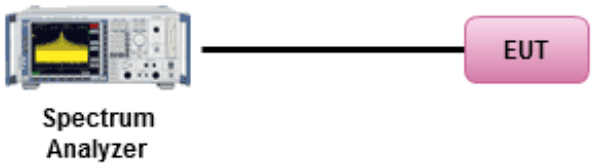
1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

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

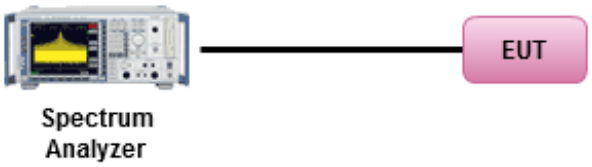
3.2.2 Measuring Instruments

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.

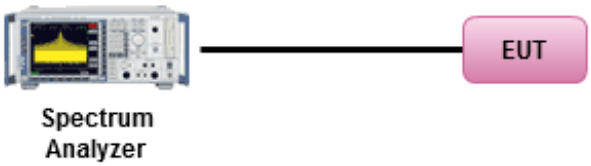
3.3.3 Test Procedures

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

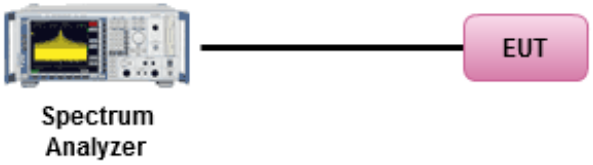
The measuring equipment is listed in the section 4 of this test report.

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.

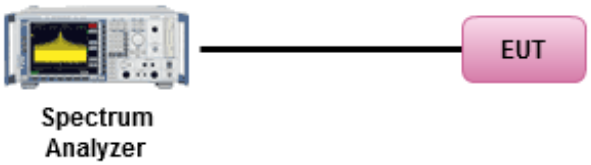
3.5.3 Test Procedures

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.

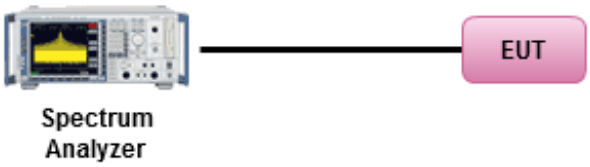
3.6.3 Test Procedures

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

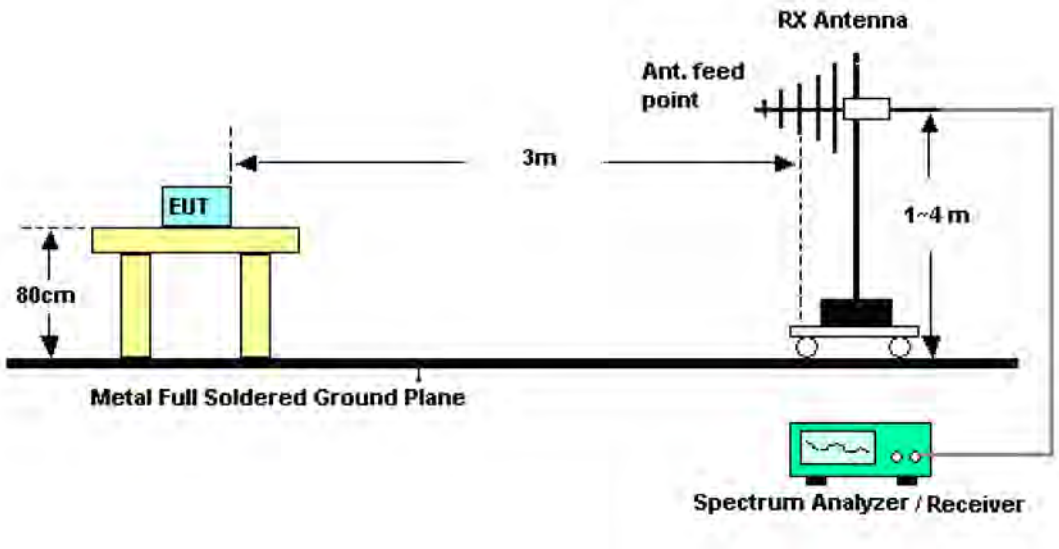
The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures

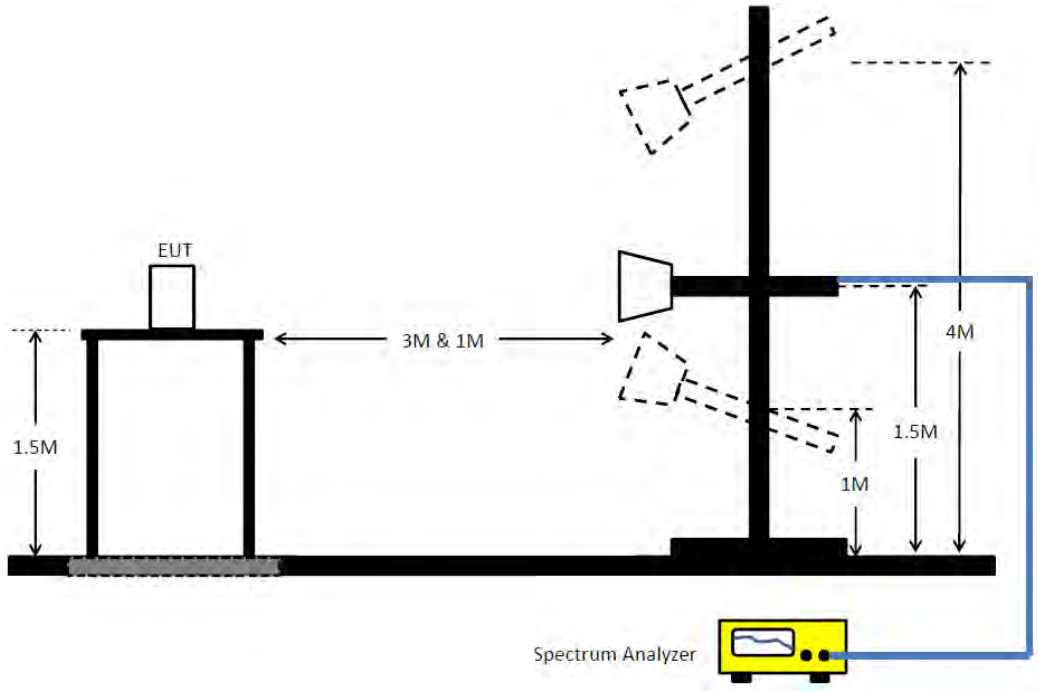
1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position 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.

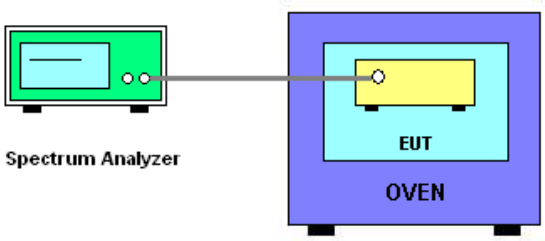
3.8.4 Test Procedures for Voltage Variation

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	30MHz ~ 1GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	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	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 08, 2023	Jun. 07, 2024	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	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. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	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 29, 2023	May 28, 2024	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	May 22, 2023	May 21, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-09	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Cable	Woken	RG402	low Cable-30	9kHz –1GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Mar. 04, 2024	Mar. 03, 2025	Conducted (TH01-CB)
Signal analyzer	Keysight	N9020A	MY55400138	10Hz~26.5GHz	Feb. 27, 2024	Feb. 26, 2025	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_10MHz_Nss4,CP-OFDM_QPSK_4TX	26.15	0.412	30.13	1.030
NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	24.82	0.303	28.80	0.759
NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	26.08	0.406	30.06	1.014
NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	26.19	0.416	30.17	1.040
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	28.03	0.635	32.01	1.589
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	27.72	0.592	31.70	1.479
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	28.31	0.678	32.29	1.694
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	28.32	0.679	32.30	1.698
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	29.56	0.904	33.54	2.259
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	30.26	1.062	34.24	2.655
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	30.74	1.186	34.72	2.965
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	30.76	1.191	34.74	2.979

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_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	26.15	0.412	20.37	20.73	19.56	19.74	30.13	1.030
3625MHz_Outer_Full	Pass	3.98	25.74	0.375	20.13	20.03	19.36	19.28	29.72	0.938
3695MHz_Outer_Full	Pass	3.98	25.66	0.368	19.83	20.41	18.93	19.23	29.64	0.920
Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	24.73	0.297	19.40	18.19	18.41	18.75	28.71	0.743
3625MHz_Outer_Full	Pass	3.98	24.36	0.273	19.01	17.73	18.17	18.34	28.34	0.682
3695MHz_Outer_Full	Pass	3.98	24.82	0.303	19.55	18.61	18.04	18.87	28.80	0.759
Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	26.08	0.406	20.58	20.03	19.58	19.99	30.06	1.014
3625MHz_Outer_Full	Pass	3.98	25.98	0.396	20.22	20.52	19.38	19.62	29.96	0.991
3695MHz_Outer_Full	Pass	3.98	25.40	0.347	19.89	19.60	18.94	19.00	29.38	0.867
Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	26.19	0.416	20.62	20.33	19.58	20.10	30.17	1.040
3625MHz_Outer_Full	Pass	3.98	25.78	0.378	20.19	19.81	19.39	19.59	29.76	0.946
3695MHz_Outer_Full	Pass	3.98	25.81	0.381	20.26	20.30	19.00	19.45	29.79	0.953
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	27.99	0.630	22.16	22.43	21.53	21.69	31.97	1.574
3625MHz_Outer_Full	Pass	3.98	28.03	0.635	22.30	22.49	21.70	21.48	32.01	1.589
3690MHz_Outer_Full	Pass	3.98	27.82	0.605	22.19	22.39	21.21	21.29	31.80	1.514
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	27.72	0.592	22.01	21.98	21.19	21.55	31.70	1.479
3625MHz_Outer_Full	Pass	3.98	27.67	0.585	21.92	22.04	21.25	21.35	31.65	1.462
3690MHz_Outer_Full	Pass	3.98	27.61	0.577	22.08	21.98	20.90	21.29	31.59	1.442
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	28.31	0.678	22.62	22.56	21.79	22.14	32.29	1.694
3625MHz_Outer_Full	Pass	3.98	28.17	0.656	22.48	22.38	21.77	21.93	32.15	1.641
3690MHz_Outer_Full	Pass	3.98	28.16	0.655	22.57	22.54	21.53	21.83	32.14	1.637
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	28.32	0.679	22.61	22.60	21.82	22.11	32.30	1.698
3625MHz_Outer_Full	Pass	3.98	28.25	0.668	22.50	22.67	21.78	21.88	32.23	1.671
3690MHz_Outer_Full	Pass	3.98	28.24	0.667	22.99	22.14	21.75	21.90	32.22	1.667
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	29.32	0.855	23.32	23.45	23.51	22.88	33.30	2.138
3625MHz_Outer_Full	Pass	3.98	29.56	0.904	23.99	24.13	23.03	22.88	33.54	2.259
3680MHz_Outer_Full	Pass	3.98	29.52	0.895	23.72	24.22	22.85	23.09	33.50	2.239
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	30.10	1.023	23.89	24.26	24.16	24.00	34.08	2.559
3625MHz_Outer_Full	Pass	3.98	30.05	1.012	24.62	24.40	23.45	23.51	34.03	2.529
3680MHz_Outer_Full	Pass	3.98	30.26	1.062	24.79	24.81	23.50	23.67	34.24	2.655
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	30.74	1.186	24.65	24.92	24.65	24.67	34.72	2.965
3625MHz_Outer_Full	Pass	3.98	29.85	0.966	24.20	24.20	23.46	23.41	33.83	2.415
3680MHz_Outer_Full	Pass	3.98	30.11	1.026	24.56	24.68	23.32	23.63	34.09	2.564
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	30.76	1.191	24.62	24.97	24.68	24.67	34.74	2.979
3625MHz_Outer_Full	Pass	3.98	30.44	1.107	24.69	24.77	24.03	24.14	34.42	2.767
3680MHz_Outer_Full	Pass	3.98	30.24	1.057	24.79	24.58	23.68	23.73	34.22	2.642

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

Summary

Mode	Power (dBm/10MHz)	EIRP (dBm/10MHz)
Band n48	-	-
NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	25.87	29.85
NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	24.70	28.68
NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	26.00	29.98
NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	25.99	29.97
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	25.57	29.55
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	25.35	29.33
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	25.88	29.86
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	25.98	29.96
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	24.58	28.56
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	25.22	29.20
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	24.88	28.86
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	24.98	28.96

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	EIRP (dBm/10MHz)	EIRP Limit (dBm/10MHz)
Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-
3555MHz_Outer_Full	Pass	29.85	30.00
3625MHz_Outer_Full	Pass	29.84	30.00
3695MHz_Outer_Full	Pass	29.84	30.00
Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-
3555MHz_Outer_Full	Pass	28.62	30.00
3625MHz_Outer_Full	Pass	28.42	30.00
3695MHz_Outer_Full	Pass	28.68	30.00
Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-
3555MHz_Outer_Full	Pass	29.98	30.00
3625MHz_Outer_Full	Pass	29.75	30.00
3695MHz_Outer_Full	Pass	29.31	30.00
Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-
3555MHz_Outer_Full	Pass	29.97	30.00
3625MHz_Outer_Full	Pass	29.76	30.00
3695MHz_Outer_Full	Pass	29.71	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-
3560MHz_Outer_Full	Pass	29.55	30.00
3625MHz_Outer_Full	Pass	29.45	30.00
3690MHz_Outer_Full	Pass	29.28	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-
3560MHz_Outer_Full	Pass	29.30	30.00
3625MHz_Outer_Full	Pass	29.06	30.00
3690MHz_Outer_Full	Pass	29.33	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-
3560MHz_Outer_Full	Pass	29.68	30.00
3625MHz_Outer_Full	Pass	29.54	30.00
3690MHz_Outer_Full	Pass	29.86	30.00
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-
3560MHz_Outer_Full	Pass	29.72	30.00
3625MHz_Outer_Full	Pass	29.51	30.00
3690MHz_Outer_Full	Pass	29.96	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-
3570MHz_Outer_Full	Pass	28.45	30.00
3625MHz_Outer_Full	Pass	28.34	30.00
3680MHz_Outer_Full	Pass	28.56	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-
3570MHz_Outer_Full	Pass	29.16	30.00
3625MHz_Outer_Full	Pass	28.83	30.00
3680MHz_Outer_Full	Pass	29.20	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-
3570MHz_Outer_Full	Pass	28.86	30.00
3625MHz_Outer_Full	Pass	28.44	30.00
3680MHz_Outer_Full	Pass	28.81	30.00
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-
3570MHz_Outer_Full	Pass	28.96	30.00
3625MHz_Outer_Full	Pass	28.44	30.00
3680MHz_Outer_Full	Pass	28.96	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_10MHz_Nss4,CP-OFDM_QPSK_4TX	16.01	19.99
NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	15.97	19.95
NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	15.70	19.68
NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	15.92	19.90
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	16.01	19.99
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	16.00	19.98
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	15.19	19.17
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	15.29	19.27
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	15.15	19.13
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	15.79	19.77
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	13.91	17.89
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	14.06	18.04

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;

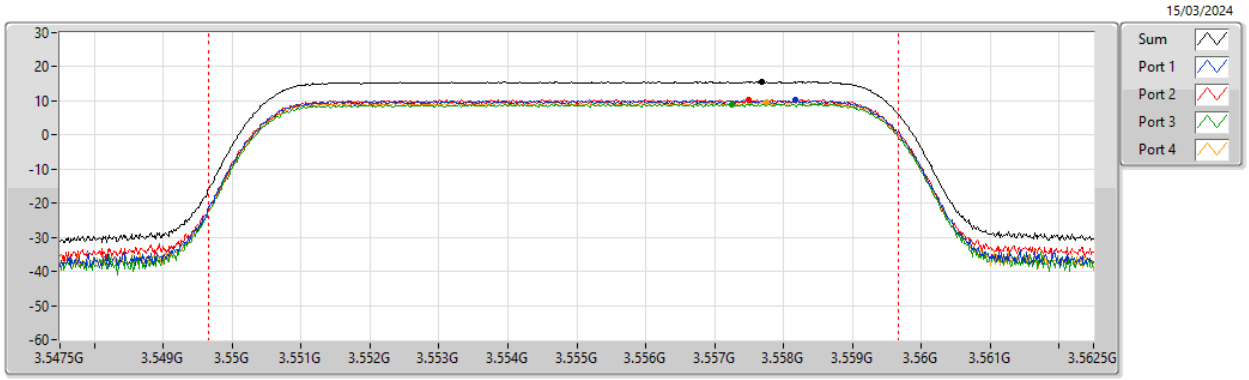
Result

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_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	10.24	10.43	9.01	9.47	15.58	15.58	19.56	20.00
3625MHz_Outer_Full	Pass	3.98	10.22	10.43	9.67	9.39	15.61	15.61	19.59	20.00
3695MHz_Outer_Full	Pass	3.98	10.97	10.86	9.74	9.80	16.01	16.01	19.99	20.00
Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	10.52	9.46	9.38	10.03	15.76	15.76	19.74	20.00
3625MHz_Outer_Full	Pass	3.98	10.61	9.43	9.29	9.60	15.54	15.54	19.52	20.00
3695MHz_Outer_Full	Pass	3.98	10.81	9.96	9.48	9.86	15.97	15.97	19.95	20.00
Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	10.39	10.15	9.49	9.57	15.70	15.70	19.68	20.00
3625MHz_Outer_Full	Pass	3.98	10.06	9.94	9.32	9.27	15.40	15.40	19.38	20.00
3695MHz_Outer_Full	Pass	3.98	10.60	9.71	8.74	9.46	15.58	15.58	19.56	20.00
Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.98	10.12	10.01	9.40	9.76	15.73	15.73	19.71	20.00
3625MHz_Outer_Full	Pass	3.98	10.27	9.90	9.32	9.40	15.42	15.42	19.40	20.00
3695MHz_Outer_Full	Pass	3.98	10.69	10.48	9.25	9.62	15.92	15.92	19.90	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	10.36	10.55	9.91	9.72	16.00	16.00	19.98	20.00
3625MHz_Outer_Full	Pass	3.98	10.50	10.36	9.87	9.60	15.92	15.92	19.90	20.00
3690MHz_Outer_Full	Pass	3.98	10.97	10.47	9.72	9.74	16.01	16.01	19.99	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	10.39	10.33	9.42	9.80	15.82	15.82	19.80	20.00
3625MHz_Outer_Full	Pass	3.98	10.16	9.92	9.18	9.48	15.53	15.53	19.51	20.00
3690MHz_Outer_Full	Pass	3.98	10.86	10.25	9.51	9.72	16.00	16.00	19.98	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	9.39	9.14	8.59	8.87	14.75	14.75	18.73	20.00
3625MHz_Outer_Full	Pass	3.98	9.21	9.02	8.64	8.60	14.65	14.65	18.63	20.00
3690MHz_Outer_Full	Pass	3.98	9.90	9.70	8.77	8.90	15.19	15.19	19.17	20.00
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.98	9.29	9.23	8.39	8.75	14.81	14.81	18.79	20.00
3625MHz_Outer_Full	Pass	3.98	9.23	9.24	8.35	8.59	14.60	14.60	18.58	20.00
3690MHz_Outer_Full	Pass	3.98	10.24	9.30	9.16	8.98	15.29	15.29	19.27	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-		-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	9.25	9.32	9.50	8.85	15.06	15.06	19.04	20.00
3625MHz_Outer_Full	Pass	3.98	9.76	9.57	8.60	8.63	14.90	14.90	18.88	20.00
3680MHz_Outer_Full	Pass	3.98	9.61	9.71	9.08	8.90	15.15	15.15	19.13	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-		-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	9.85	9.80	9.73	9.66	15.66	15.66	19.64	20.00
3625MHz_Outer_Full	Pass	3.98	10.03	9.74	9.28	9.23	15.37	15.37	19.35	20.00
3680MHz_Outer_Full	Pass	3.98	10.27	10.18	9.47	9.87	15.79	15.79	19.77	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-		-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	7.99	8.51	7.96	7.75	13.91	13.91	17.89	20.00
3625MHz_Outer_Full	Pass	3.98	8.17	8.01	7.24	7.23	13.46	13.46	17.44	20.00
3680MHz_Outer_Full	Pass	3.98	8.40	8.26	7.74	7.41	13.84	13.84	17.82	20.00
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-		-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.98	8.09	8.65	7.87	7.92	14.05	14.05	18.03	20.00
3625MHz_Outer_Full	Pass	3.98	8.10	8.19	7.30	7.49	13.54	13.54	17.52	20.00
3680MHz_Outer_Full	Pass	3.98	8.63	8.45	8.11	7.64	14.06	14.06	18.04	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_10MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

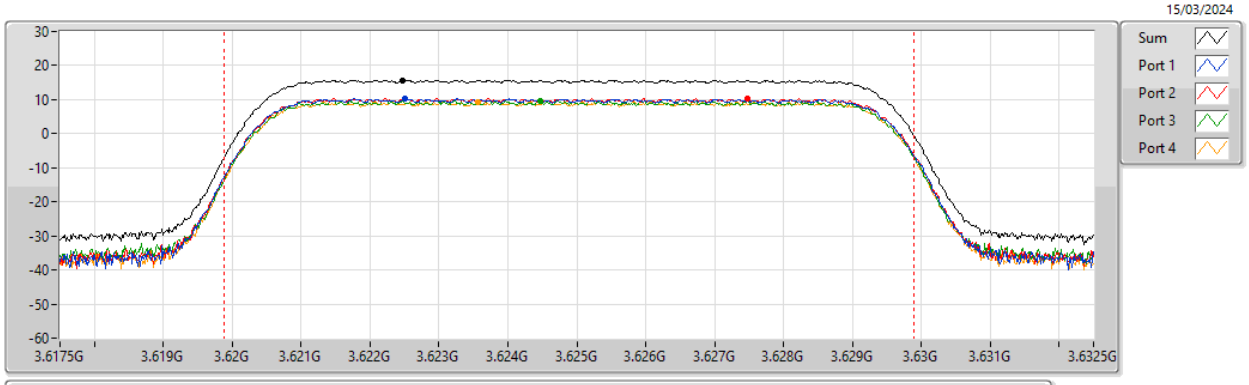
3555MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.24	3.555G	15M	1M	3M	100m	RMS	1
10.43	3.555G	15M	1M	3M	100m	RMS	2
9.01	3.555G	15M	1M	3M	100m	RMS	3
9.47	3.555G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.58	25.87						

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

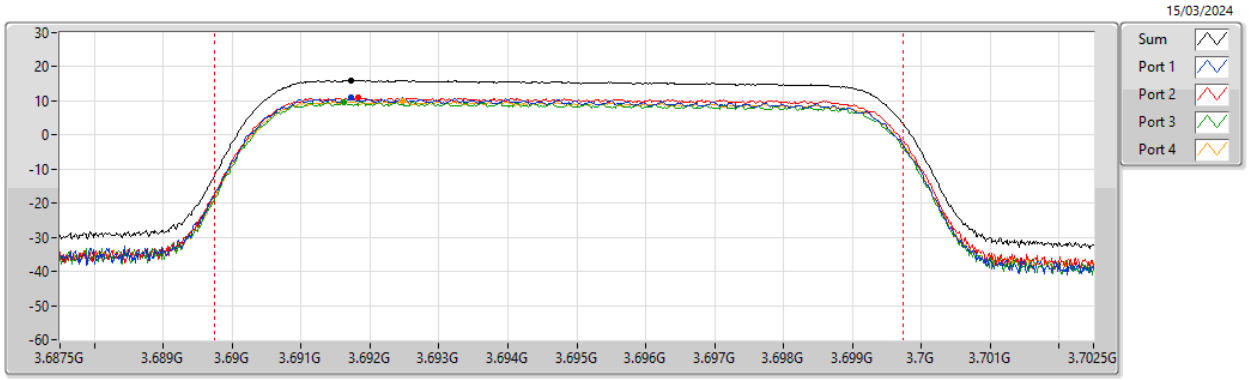
3625MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.22	3.625G	15M	1M	3M	100m	RMS	1
10.43	3.625G	15M	1M	3M	100m	RMS	2
9.67	3.625G	15M	1M	3M	100m	RMS	3
9.39	3.625G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.61	25.86						

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

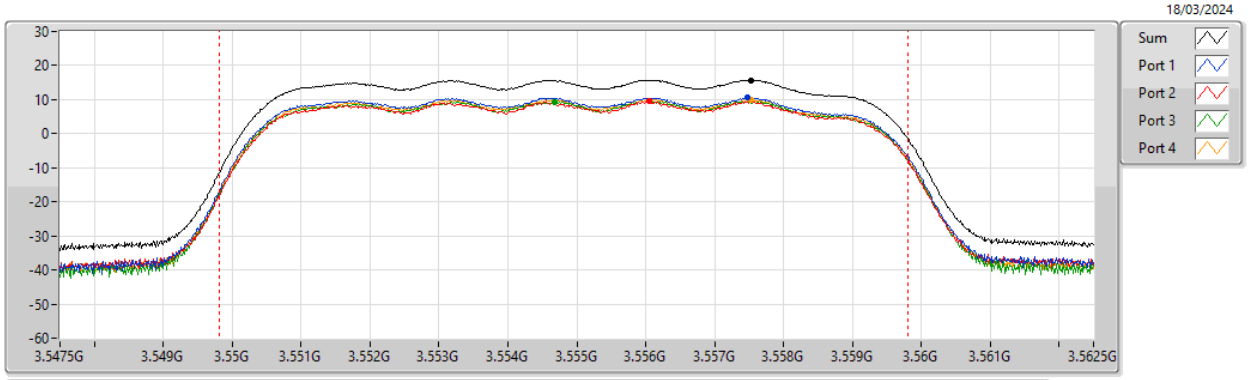
3695MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.97	3.695G	15M	1M	3M	100m	RMS	1
10.86	3.695G	15M	1M	3M	100m	RMS	2
9.74	3.695G	15M	1M	3M	100m	RMS	3
9.80	3.695G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
16.01	25.86						

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

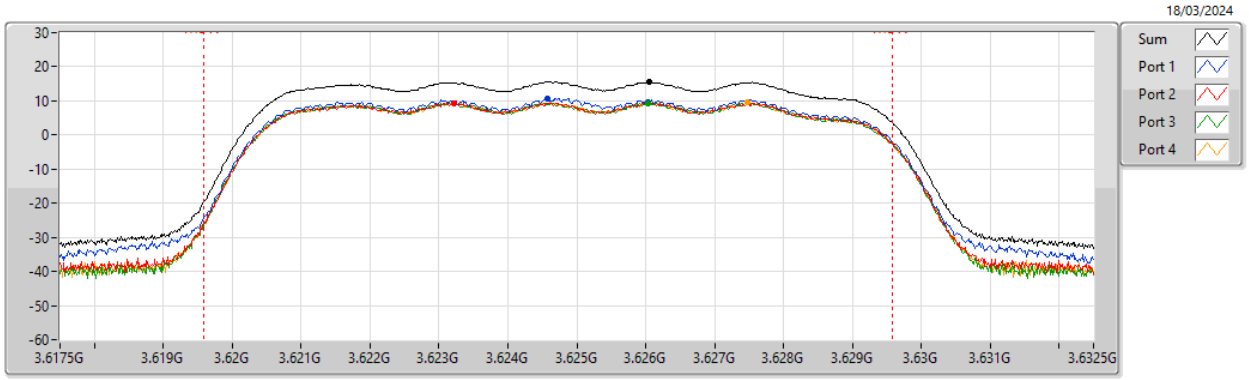
3555MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.52	3.555G	15M	1M	3M	100m	RMS	1
9.46	3.555G	15M	1M	3M	100m	RMS	2
9.38	3.555G	15M	1M	3M	100m	RMS	3
10.03	3.555G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.76	24.64						

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

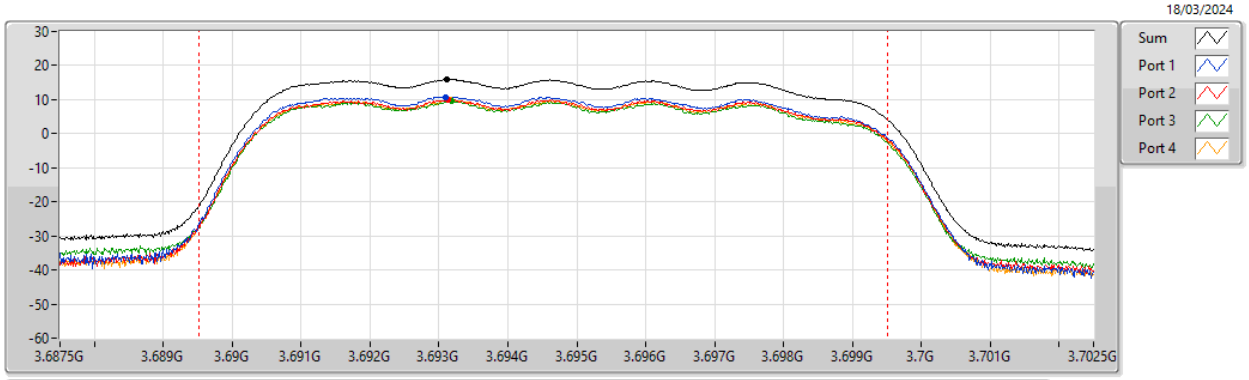
3625MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.61	3.625G	15M	1M	3M	100m	RMS	1
9.43	3.625G	15M	1M	3M	100m	RMS	2
9.29	3.625G	15M	1M	3M	100m	RMS	3
9.60	3.625G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.54	24.44						

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

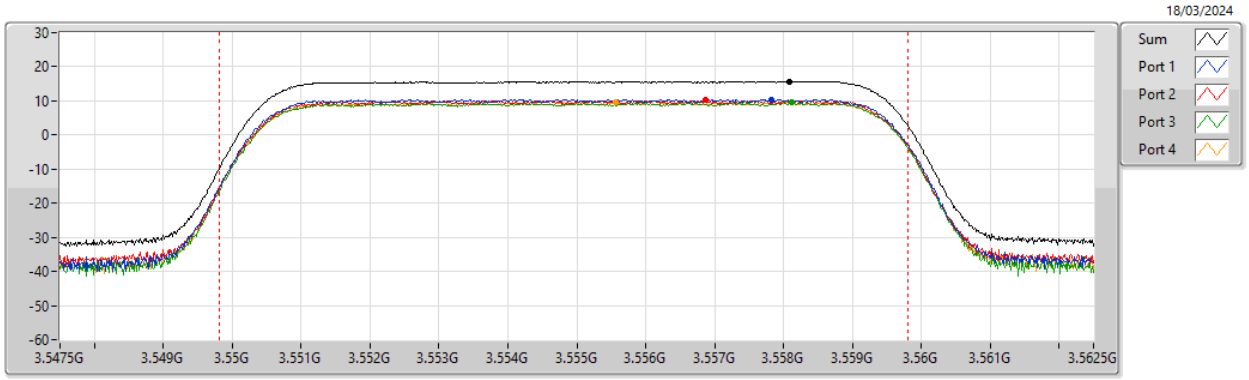
3695MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.81	3.695G	15M	1M	3M	100m	RMS	1
9.96	3.695G	15M	1M	3M	100m	RMS	2
9.48	3.695G	15M	1M	3M	100m	RMS	3
9.86	3.695G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.97	24.70						

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

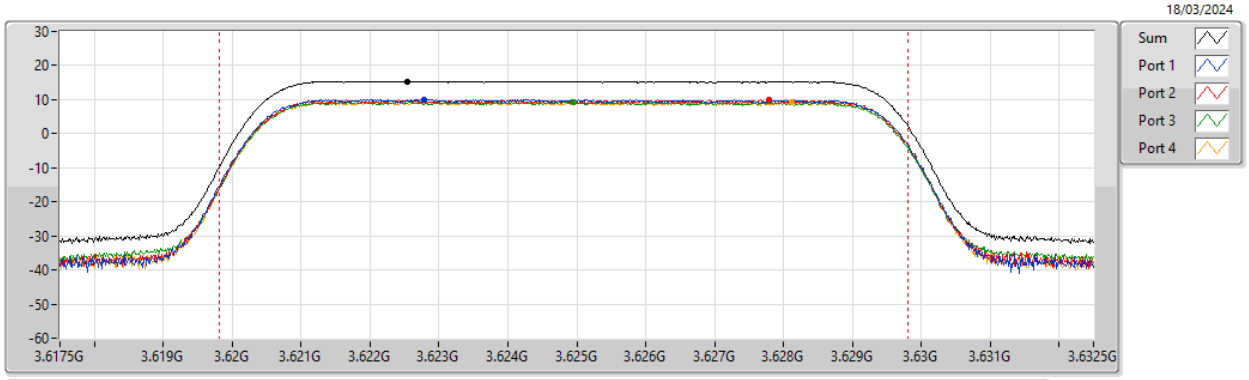
3555MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.39	3.555G	15M	1M	3M	100m	RMS	1
10.15	3.555G	15M	1M	3M	100m	RMS	2
9.49	3.555G	15M	1M	3M	100m	RMS	3
9.57	3.555G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.70	26.00						

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

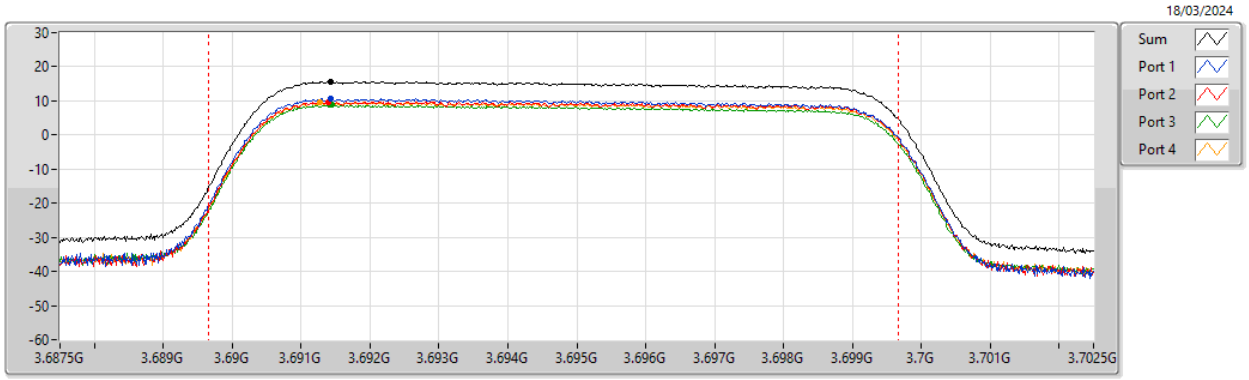
3625MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.06	3.625G	15M	1M	3M	100m	RMS	1
9.94	3.625G	15M	1M	3M	100m	RMS	2
9.32	3.625G	15M	1M	3M	100m	RMS	3
9.27	3.625G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.40	25.77						

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

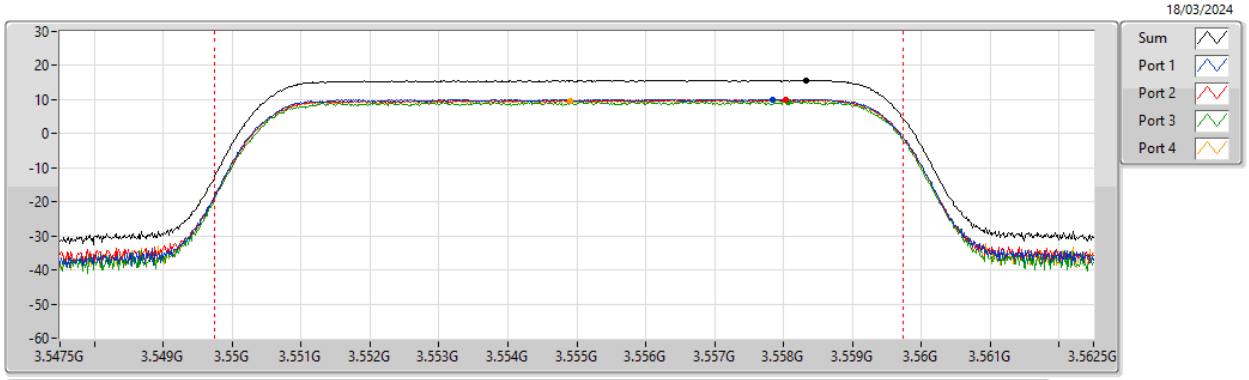
3695MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.60	3.695G	15M	1M	3M	100m	RMS	1
9.71	3.695G	15M	1M	3M	100m	RMS	2
8.74	3.695G	15M	1M	3M	100m	RMS	3
9.46	3.695G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.58	25.33						

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

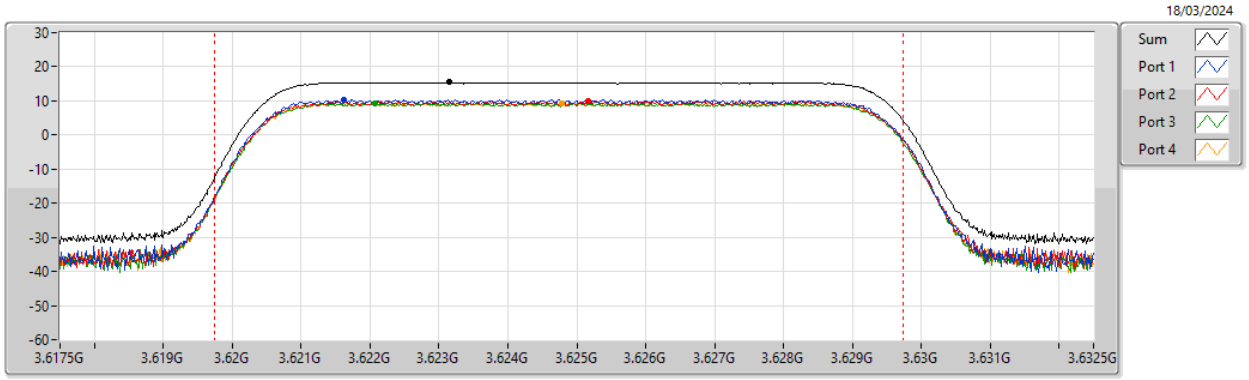
3555MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.12	3.555G	15M	1M	3M	100m	RMS	1
10.01	3.555G	15M	1M	3M	100m	RMS	2
9.40	3.555G	15M	1M	3M	100m	RMS	3
9.76	3.555G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.73	25.99						

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

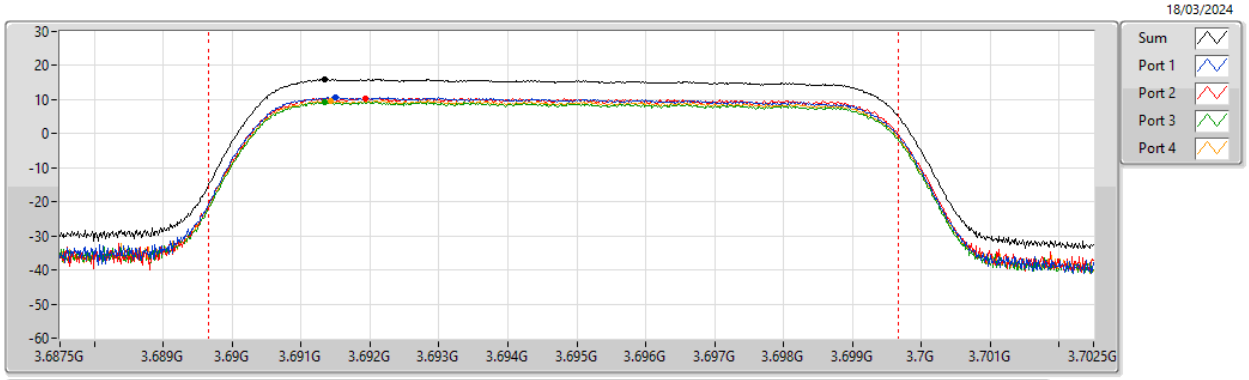
3625MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.27	3.625G	15M	1M	3M	100m	RMS	1
9.90	3.625G	15M	1M	3M	100m	RMS	2
9.32	3.625G	15M	1M	3M	100m	RMS	3
9.40	3.625G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.42	25.78						

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

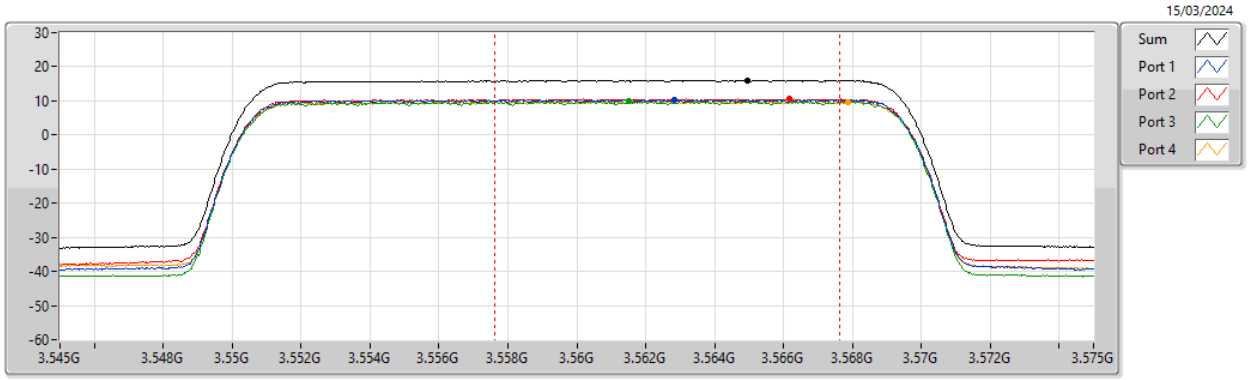
3695MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.69	3.695G	15M	1M	3M	100m	RMS	1
10.48	3.695G	15M	1M	3M	100m	RMS	2
9.25	3.695G	15M	1M	3M	100m	RMS	3
9.62	3.695G	15M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.92	25.73						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

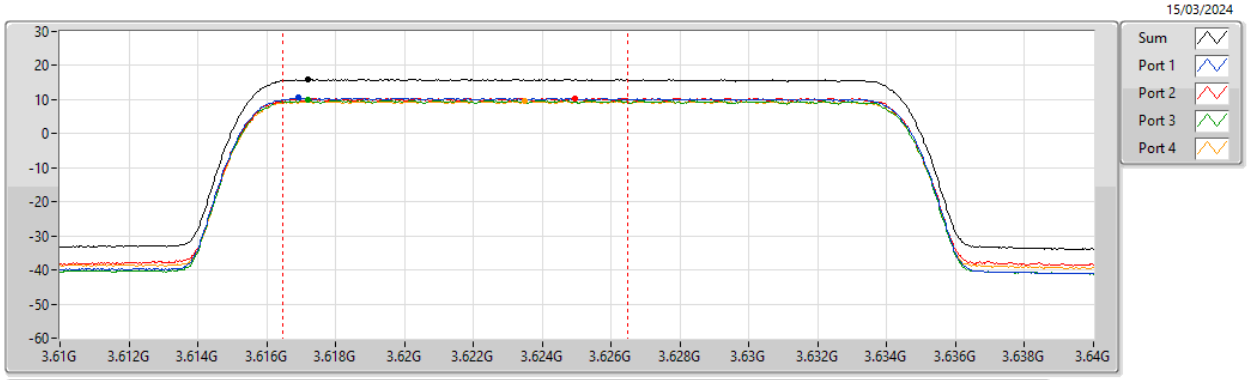
3560MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.36	3.56G	30M	1M	3M	100m	RMS	1
10.55	3.56G	30M	1M	3M	100m	RMS	2
9.91	3.56G	30M	1M	3M	100m	RMS	3
9.72	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
16.00	25.57						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

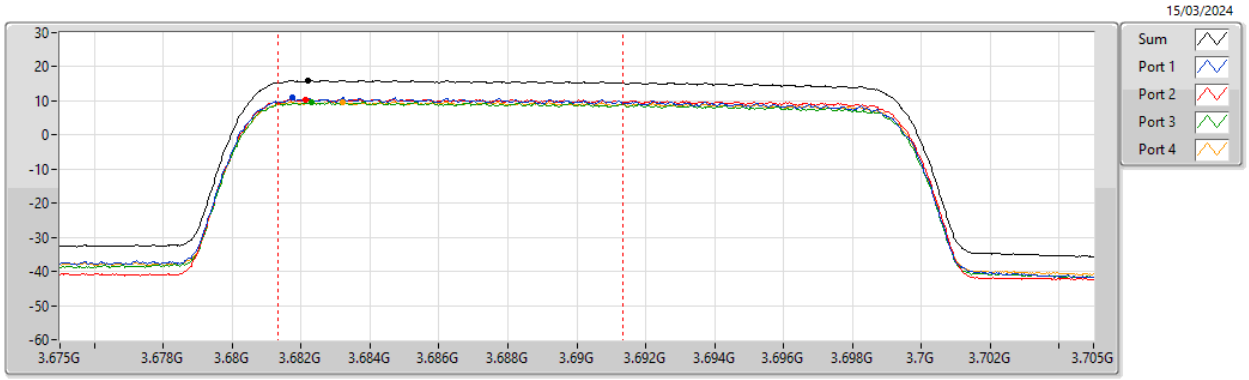
3625MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.50	3.625G	30M	1M	3M	100m	RMS	1
10.36	3.625G	30M	1M	3M	100m	RMS	2
9.87	3.625G	30M	1M	3M	100m	RMS	3
9.60	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.92	25.47						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

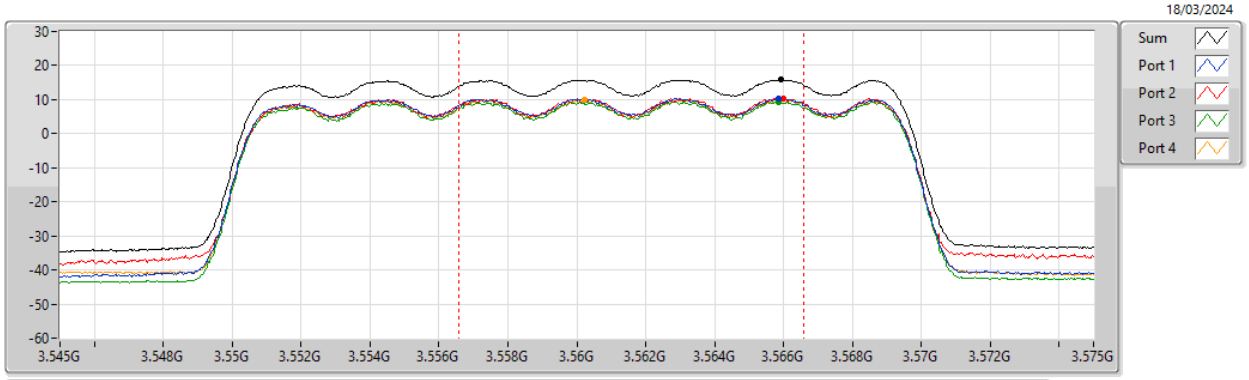
3690MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.97	3.69G	30M	1M	3M	100m	RMS	1
10.47	3.69G	30M	1M	3M	100m	RMS	2
9.72	3.69G	30M	1M	3M	100m	RMS	3
9.74	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
16.01	25.30						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

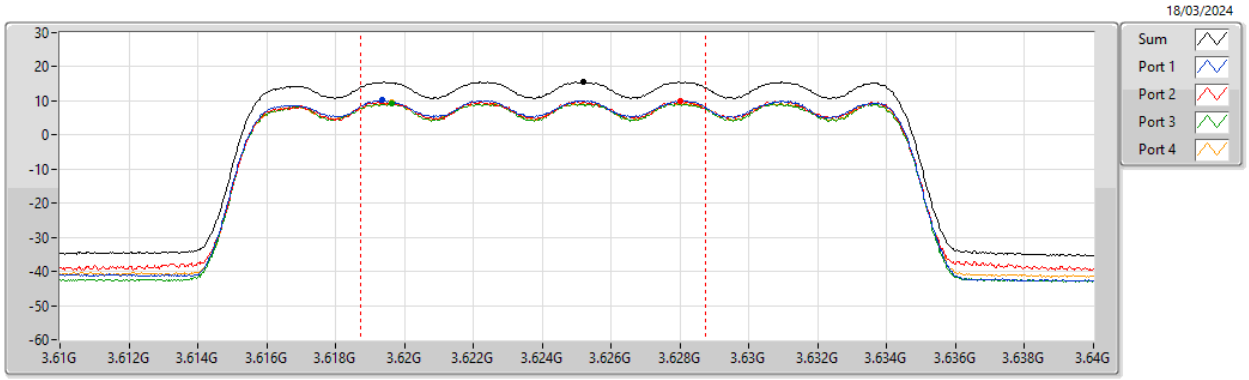
3560MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.39	3.56G	30M	1M	3M	100m	RMS	1
10.33	3.56G	30M	1M	3M	100m	RMS	2
9.42	3.56G	30M	1M	3M	100m	RMS	3
9.80	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.82	25.32						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

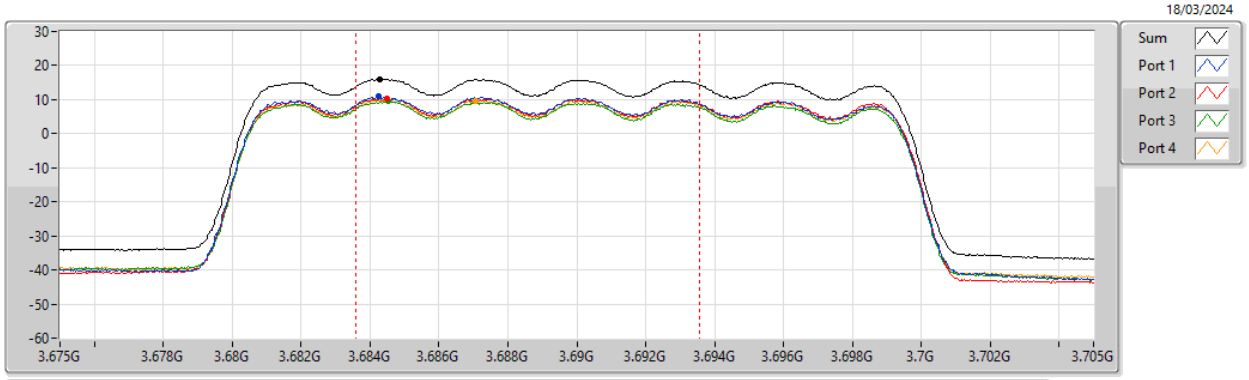
3625MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.16	3.625G	30M	1M	3M	100m	RMS	1
9.92	3.625G	30M	1M	3M	100m	RMS	2
9.18	3.625G	30M	1M	3M	100m	RMS	3
9.48	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.53	25.08						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

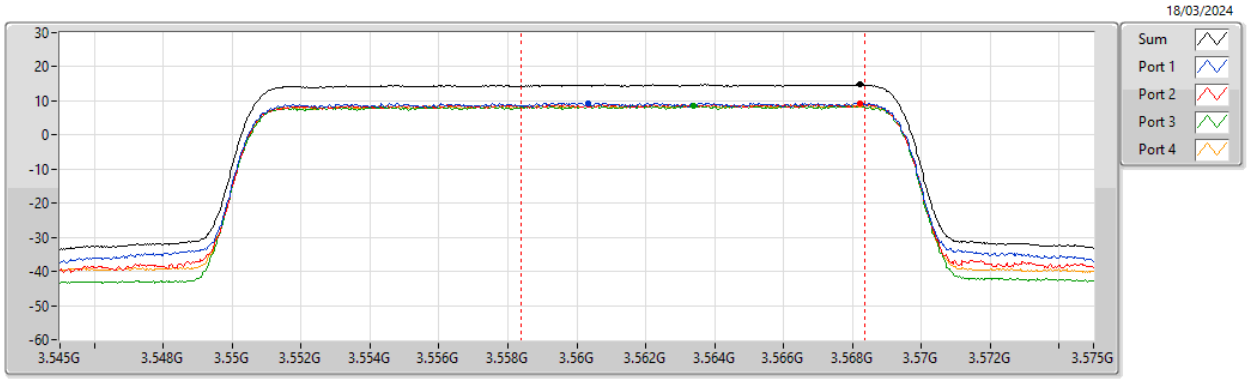
3690MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.86	3.69G	30M	1M	3M	100m	RMS	1
10.25	3.69G	30M	1M	3M	100m	RMS	2
9.51	3.69G	30M	1M	3M	100m	RMS	3
9.72	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
16.00	25.35						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

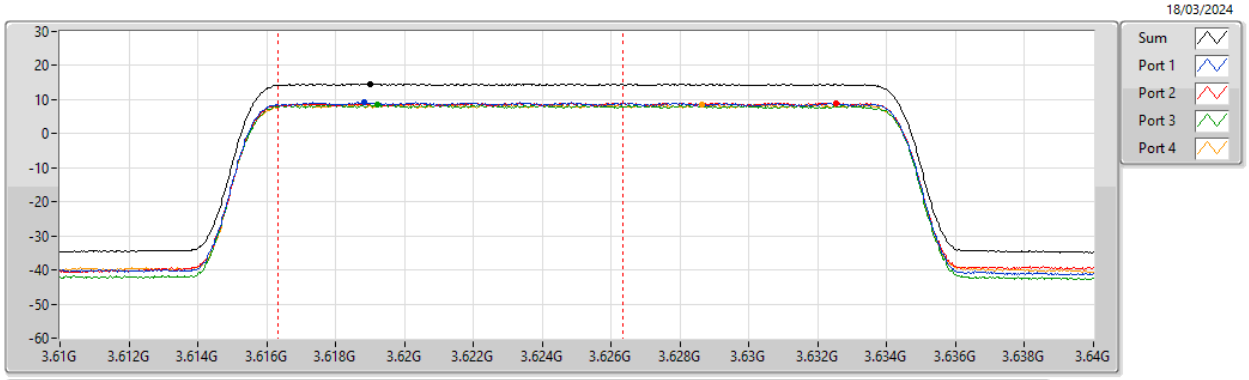
3560MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.39	3.56G	30M	1M	3M	100m	RMS	1
9.14	3.56G	30M	1M	3M	100m	RMS	2
8.59	3.56G	30M	1M	3M	100m	RMS	3
8.87	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.75	25.70						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

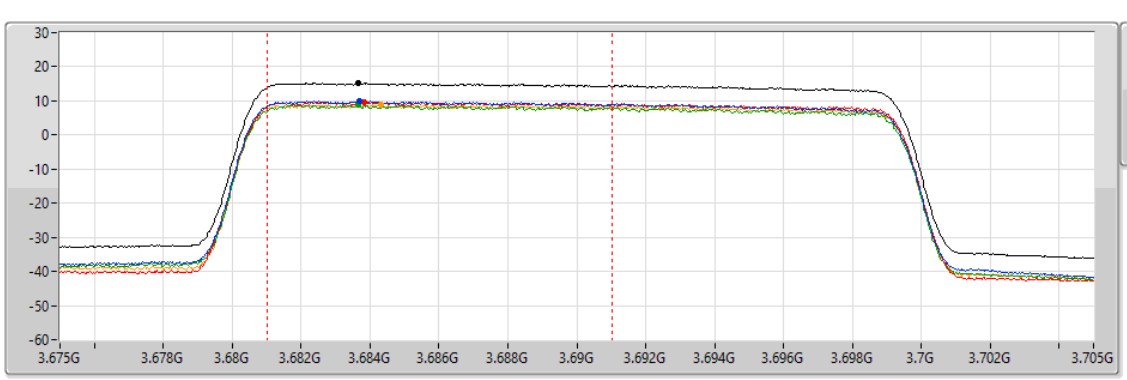
3625MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.21	3.625G	30M	1M	3M	100m	RMS	1
9.02	3.625G	30M	1M	3M	100m	RMS	2
8.64	3.625G	30M	1M	3M	100m	RMS	3
8.60	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.65	25.56						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

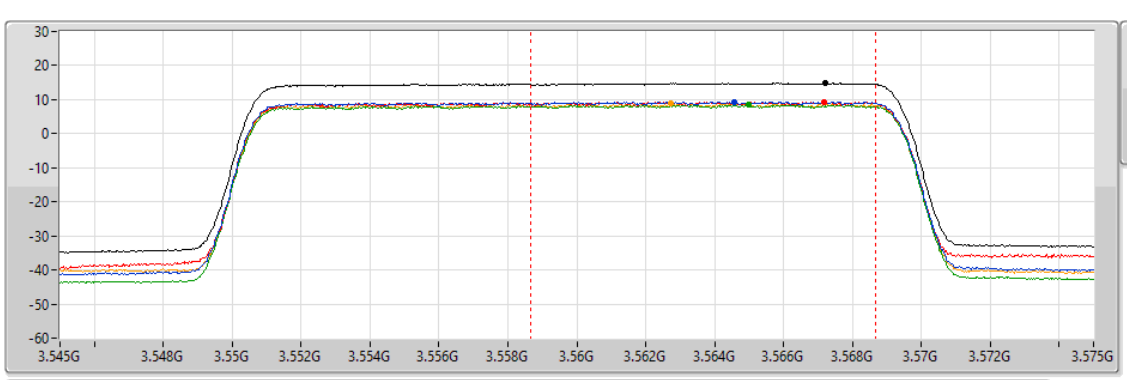
3690MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.90	3.69G	30M	1M	3M	100m	RMS	1
9.70	3.69G	30M	1M	3M	100m	RMS	2
8.77	3.69G	30M	1M	3M	100m	RMS	3
8.90	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.19	25.88						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

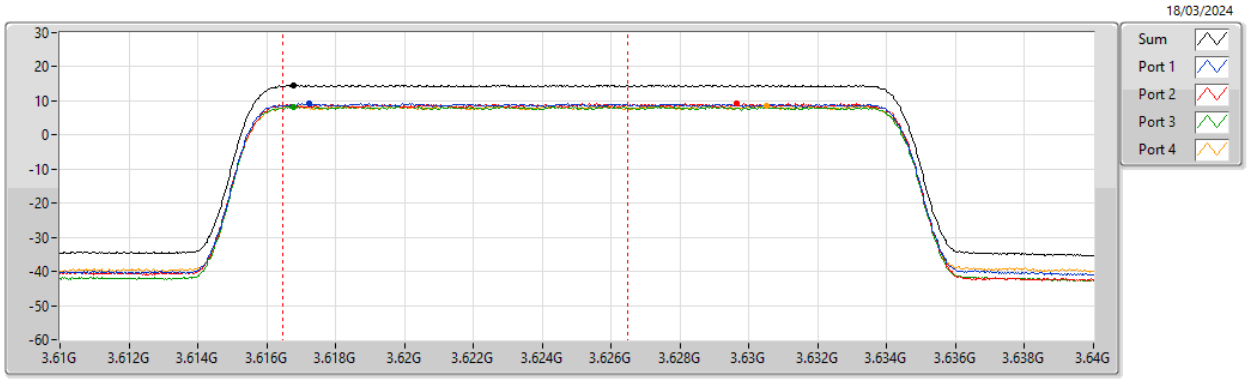
3560MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.29	3.56G	30M	1M	3M	100m	RMS	1
9.23	3.56G	30M	1M	3M	100m	RMS	2
8.39	3.56G	30M	1M	3M	100m	RMS	3
8.75	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.81	25.74						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

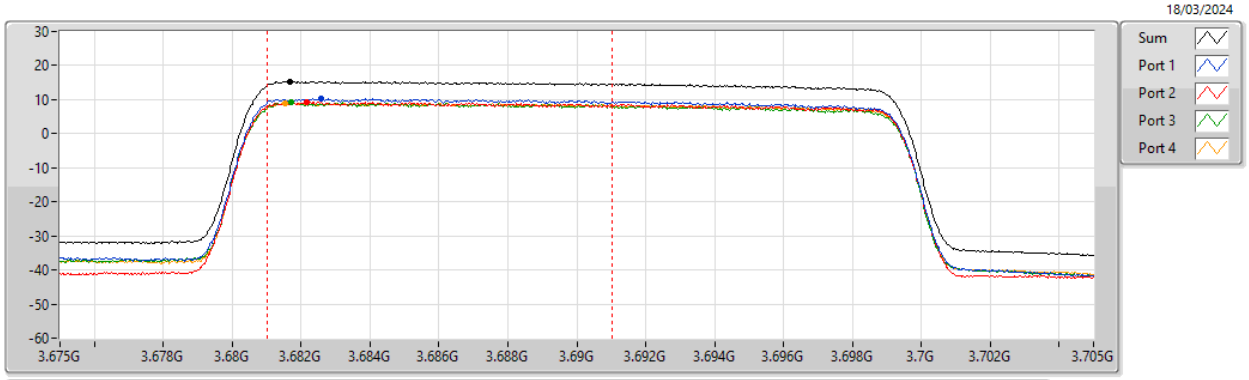
3625MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.23	3.625G	30M	1M	3M	100m	RMS	1
9.24	3.625G	30M	1M	3M	100m	RMS	2
8.35	3.625G	30M	1M	3M	100m	RMS	3
8.59	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.60	25.53						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

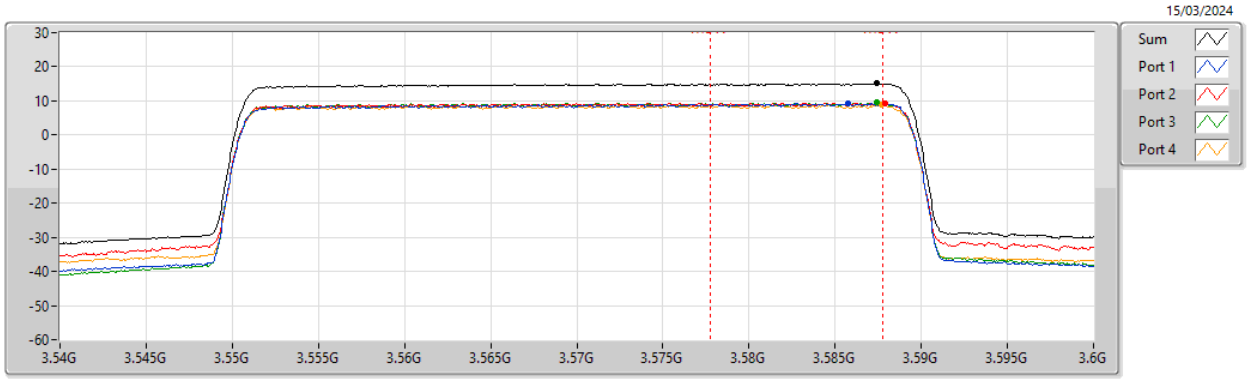
3690MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.24	3.69G	30M	1M	3M	100m	RMS	1
9.30	3.69G	30M	1M	3M	100m	RMS	2
9.16	3.69G	30M	1M	3M	100m	RMS	3
8.98	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.29	25.98						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

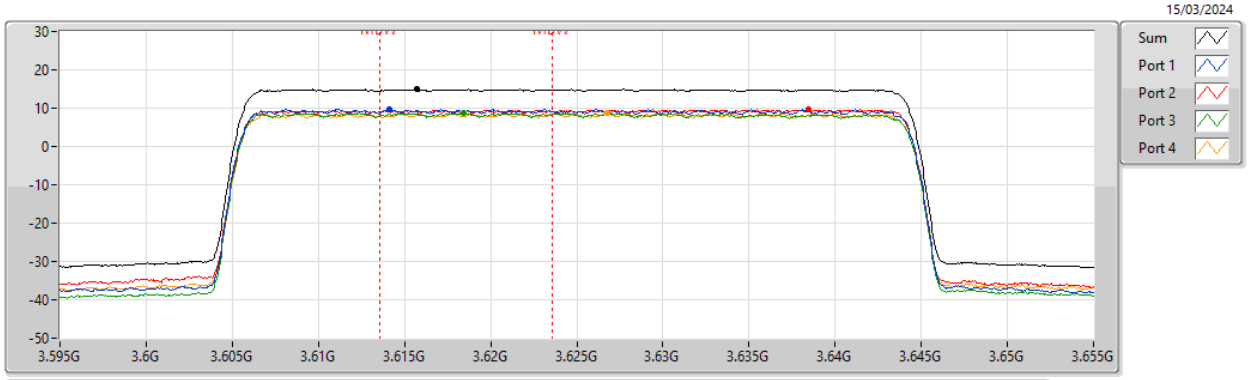
3570MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.25	3.57G	60M	1M	3M	100m	RMS	1
9.32	3.57G	60M	1M	3M	100m	RMS	2
9.50	3.57G	60M	1M	3M	100m	RMS	3
8.85	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.06	24.47						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

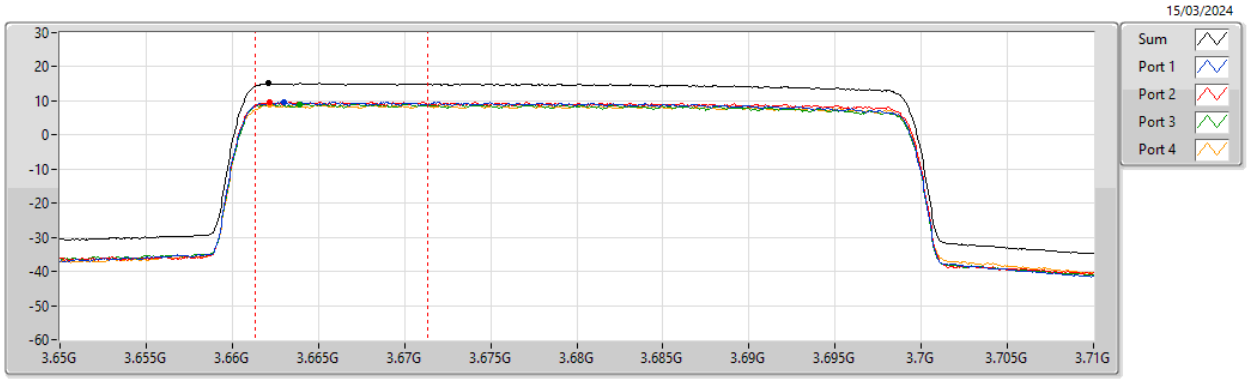
3625MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.76	3.625G	60M	1M	3M	100m	RMS	1
9.57	3.625G	60M	1M	3M	100m	RMS	2
8.60	3.625G	60M	1M	3M	100m	RMS	3
8.63	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.90	24.36						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PSD**

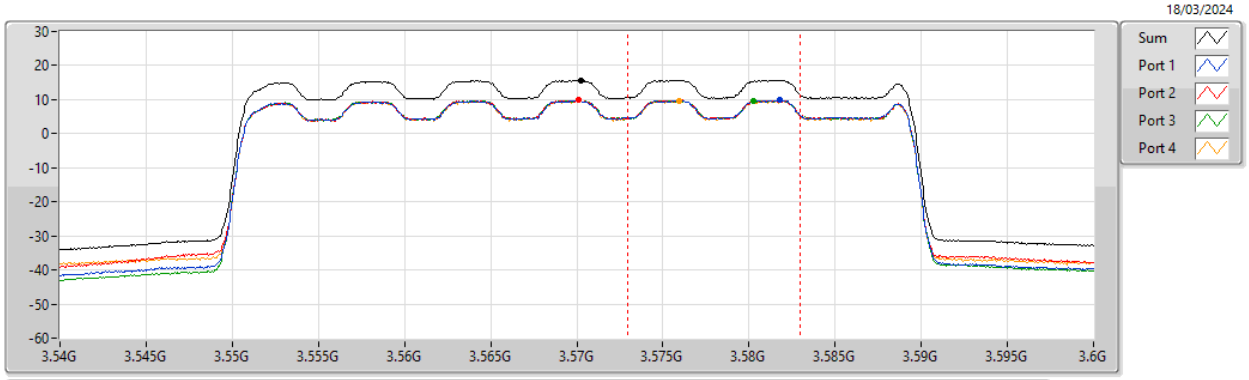
3680MHz_CP-OFDM_QPSK_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.61	3.68G	60M	1M	3M	100m	RMS	1
9.71	3.68G	60M	1M	3M	100m	RMS	2
9.08	3.68G	60M	1M	3M	100m	RMS	3
8.90	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.15	24.58						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

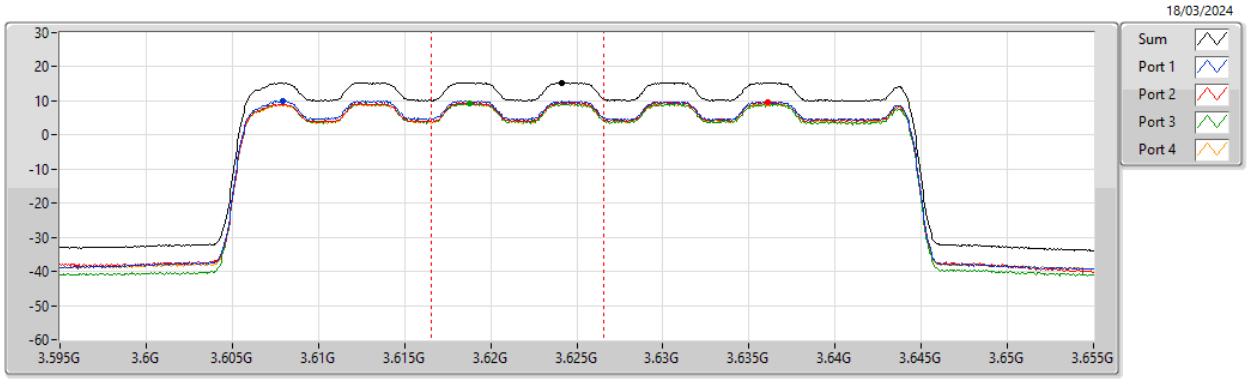
3570MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.85	3.57G	60M	1M	3M	100m	RMS	1
9.80	3.57G	60M	1M	3M	100m	RMS	2
9.73	3.57G	60M	1M	3M	100m	RMS	3
9.66	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.66	25.18						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

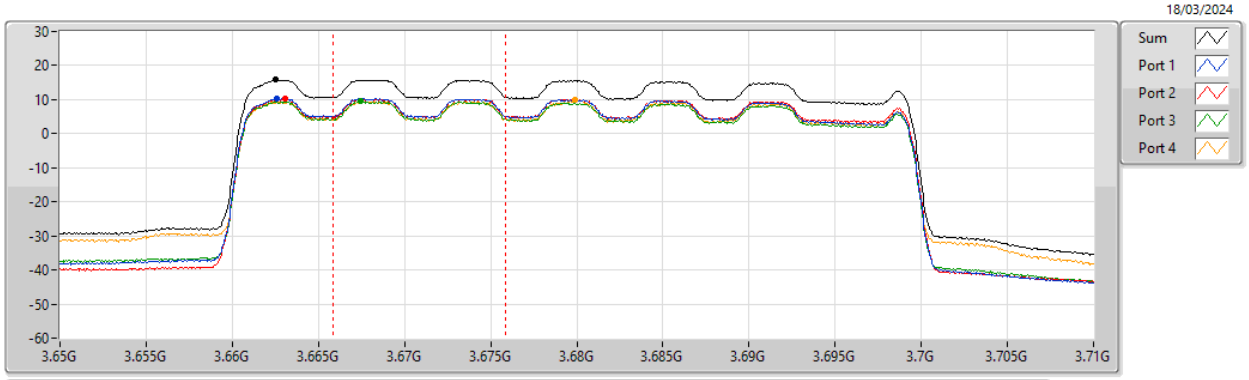
3625MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.03	3.625G	60M	1M	3M	100m	RMS	1
9.74	3.625G	60M	1M	3M	100m	RMS	2
9.28	3.625G	60M	1M	3M	100m	RMS	3
9.23	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.37	24.85						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PSD**

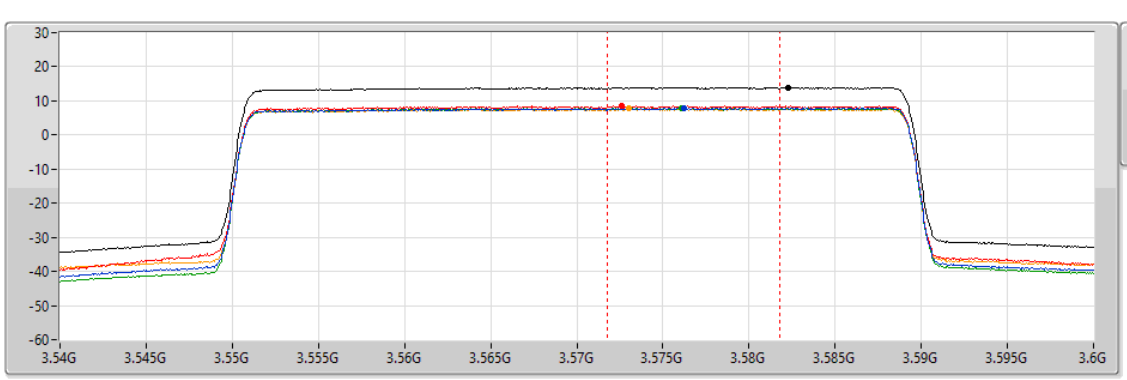
3680MHz_CP-OFDM_16QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.27	3.68G	60M	1M	3M	100m	RMS	1
10.18	3.68G	60M	1M	3M	100m	RMS	2
9.47	3.68G	60M	1M	3M	100m	RMS	3
9.87	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
15.79	25.22						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

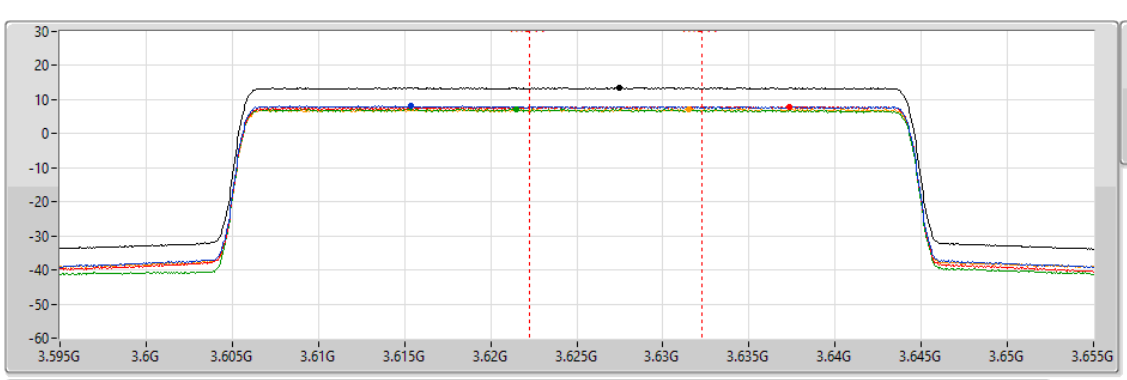
3570MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.99	3.57G	60M	1M	3M	100m	RMS	1
8.51	3.57G	60M	1M	3M	100m	RMS	2
7.96	3.57G	60M	1M	3M	100m	RMS	3
7.75	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.91	24.88						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

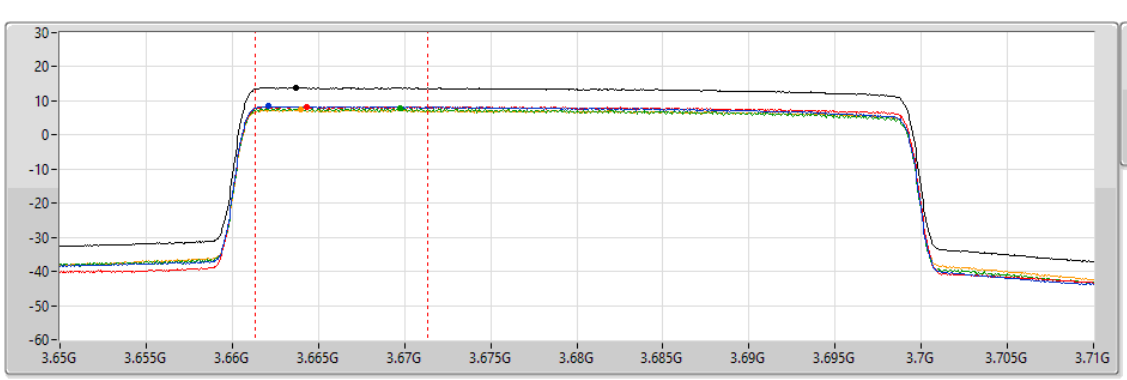
3625MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.17	3.625G	60M	1M	3M	100m	RMS	1
8.01	3.625G	60M	1M	3M	100m	RMS	2
7.24	3.625G	60M	1M	3M	100m	RMS	3
7.23	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.46	24.46						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PSD**

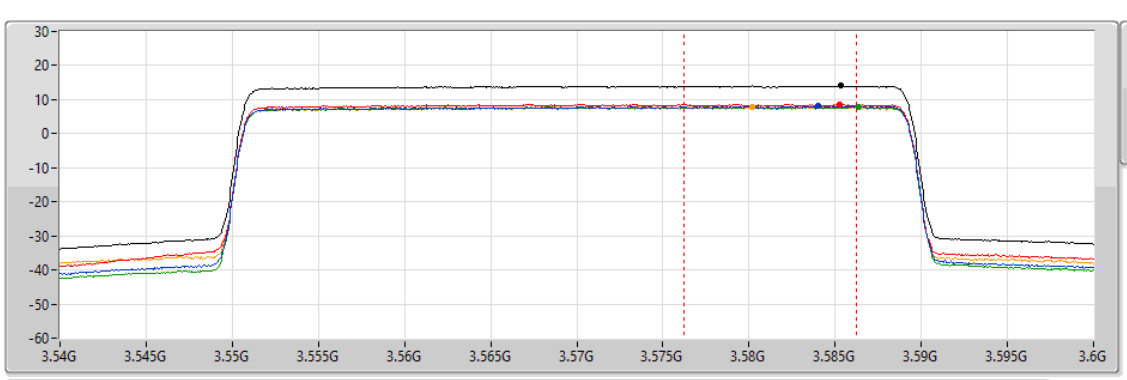
3680MHz_CP-OFDM_64QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.40	3.68G	60M	1M	3M	100m	RMS	1
8.26	3.68G	60M	1M	3M	100m	RMS	2
7.74	3.68G	60M	1M	3M	100m	RMS	3
7.41	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.84	24.83						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

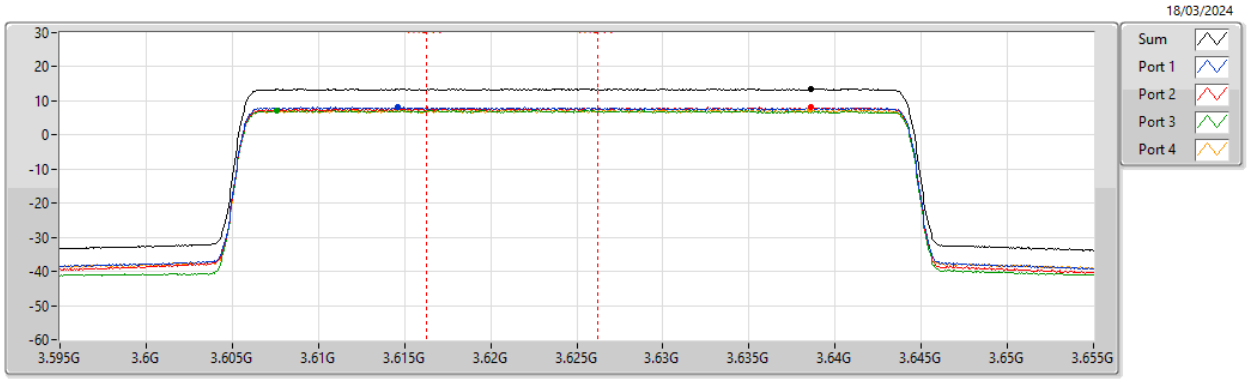
3570MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.09	3.57G	60M	1M	3M	100m	RMS	1
8.65	3.57G	60M	1M	3M	100m	RMS	2
7.87	3.57G	60M	1M	3M	100m	RMS	3
7.92	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.05	24.98						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PSD**

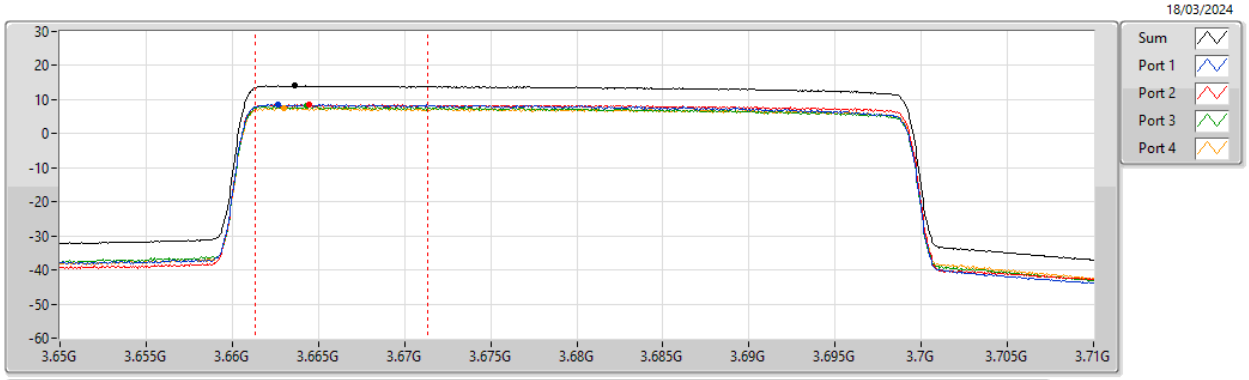
3625MHz_CP-OFDM_256QAM_Outer_Full



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.10	3.625G	60M	1M	3M	100m	RMS	1
8.19	3.625G	60M	1M	3M	100m	RMS	2
7.30	3.625G	60M	1M	3M	100m	RMS	3
7.49	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
13.54	24.46						

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)		
8.63	3.68G	60M	1M	3M	100m	RMS	1
8.45	3.68G	60M	1M	3M	100m	RMS	2
8.11	3.68G	60M	1M	3M	100m	RMS	3
7.64	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
14.06	24.98						

Summary

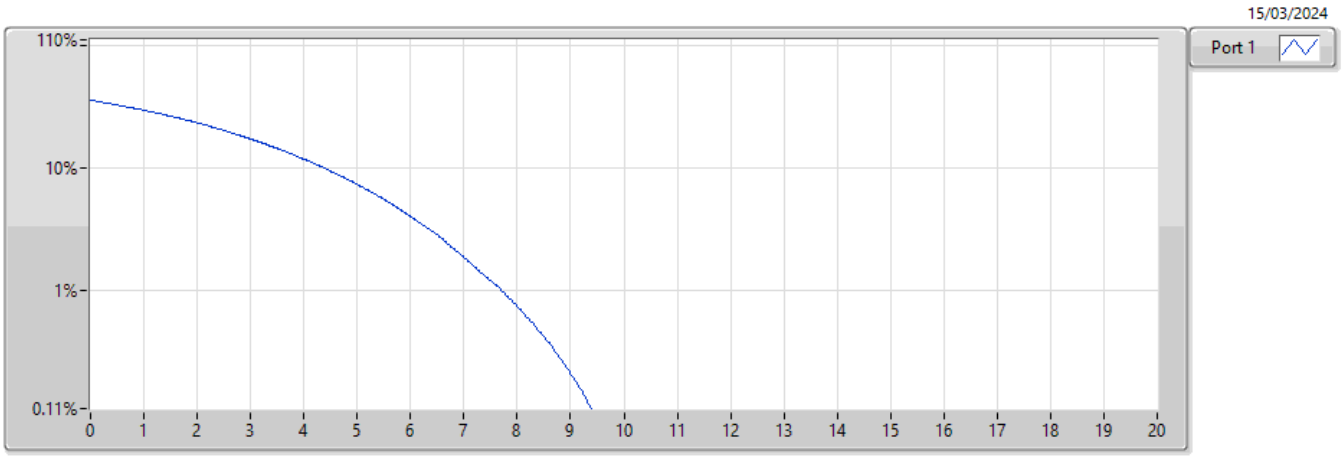
Mode	Result	Freq (MHz)	0.1%	Limit (dB)	Port
Band n48	-	-	-	-	-
NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3555	9.42	13.00	1
NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3555	9.44	13.00	1
NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3555	9.42	13.00	1
NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3555	9.44	13.00	1
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3560	9.48	13.00	1
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3690	9.42	13.00	1
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3560	9.38	13.00	1
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3560	9.46	13.00	1
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3625	9.44	13.00	1
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3570	9.40	13.00	1
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3680	9.58	13.00	1
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3570	9.44	13.00	1

Result

Mode	Result	Freq (MHz)	0.1%	Limit (dB)	Port
Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3555MHz_Outer_Full	Pass	3555	9.42	13.00	1
3625MHz_Outer_Full	Pass	3625	9.40	13.00	1
3695MHz_Outer_Full	Pass	3695	9.40	13.00	1
Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3555MHz_Outer_Full	Pass	3555	9.44	13.00	1
3625MHz_Outer_Full	Pass	3625	9.40	13.00	1
3695MHz_Outer_Full	Pass	3695	9.44	13.00	1
Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3555MHz_Outer_Full	Pass	3555	9.42	13.00	1
3625MHz_Outer_Full	Pass	3625	9.34	13.00	1
3695MHz_Outer_Full	Pass	3695	9.38	13.00	1
Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3555MHz_Outer_Full	Pass	3555	9.44	13.00	1
3625MHz_Outer_Full	Pass	3625	9.42	13.00	1
3695MHz_Outer_Full	Pass	3695	9.40	13.00	1
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	9.48	13.00	1
3625MHz_Outer_Full	Pass	3625	9.44	13.00	1
3690MHz_Outer_Full	Pass	3690	9.36	13.00	1
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	9.38	13.00	1
3625MHz_Outer_Full	Pass	3625	9.38	13.00	1
3690MHz_Outer_Full	Pass	3690	9.42	13.00	1
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	9.38	13.00	1
3625MHz_Outer_Full	Pass	3625	9.32	13.00	1
3690MHz_Outer_Full	Pass	3690	9.32	13.00	1
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	9.46	13.00	1
3625MHz_Outer_Full	Pass	3625	9.44	13.00	1
3690MHz_Outer_Full	Pass	3690	9.36	13.00	1
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	9.40	13.00	1
3625MHz_Outer_Full	Pass	3625	9.44	13.00	1
3680MHz_Outer_Full	Pass	3680	9.36	13.00	1
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	9.40	13.00	1
3625MHz_Outer_Full	Pass	3625	9.36	13.00	1
3680MHz_Outer_Full	Pass	3680	9.40	13.00	1
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	9.52	13.00	1
3625MHz_Outer_Full	Pass	3625	9.54	13.00	1
3680MHz_Outer_Full	Pass	3680	9.58	13.00	1
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	9.44	13.00	1
3625MHz_Outer_Full	Pass	3625	9.42	13.00	1
3680MHz_Outer_Full	Pass	3680	9.36	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

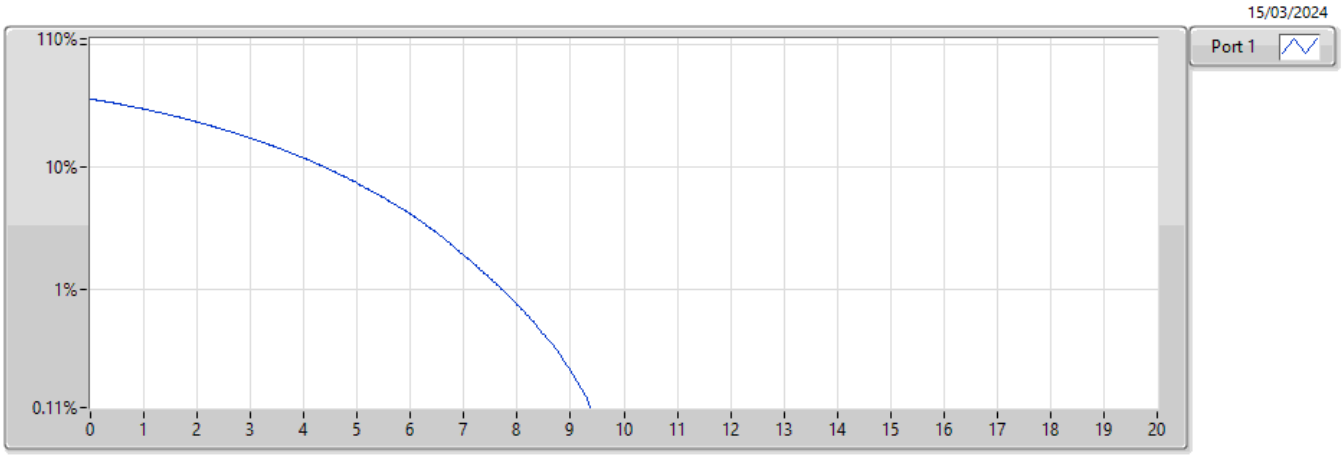
3555MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.42	-3.58	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

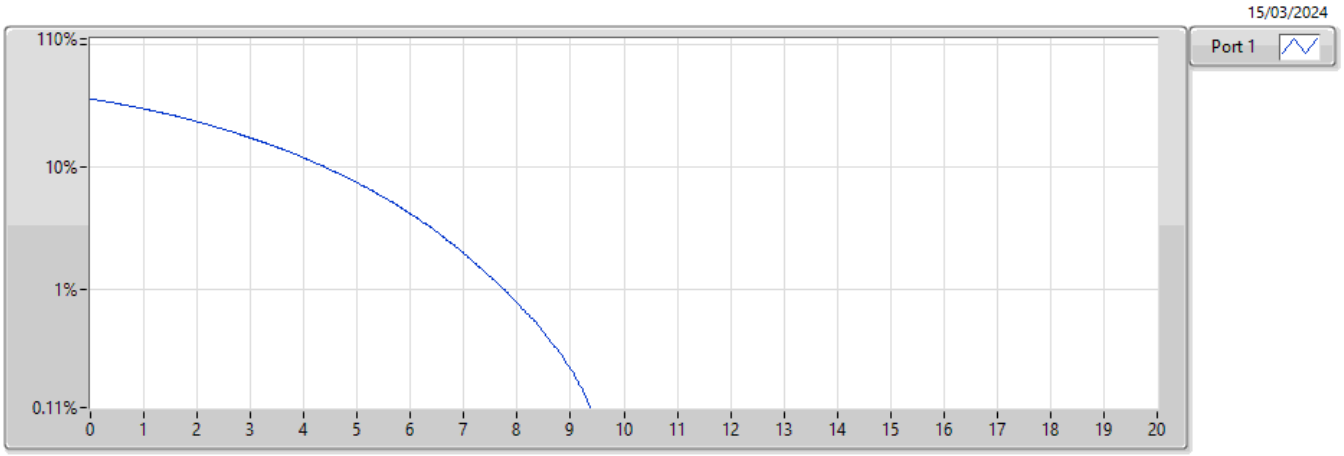
3625MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.40	-3.60	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

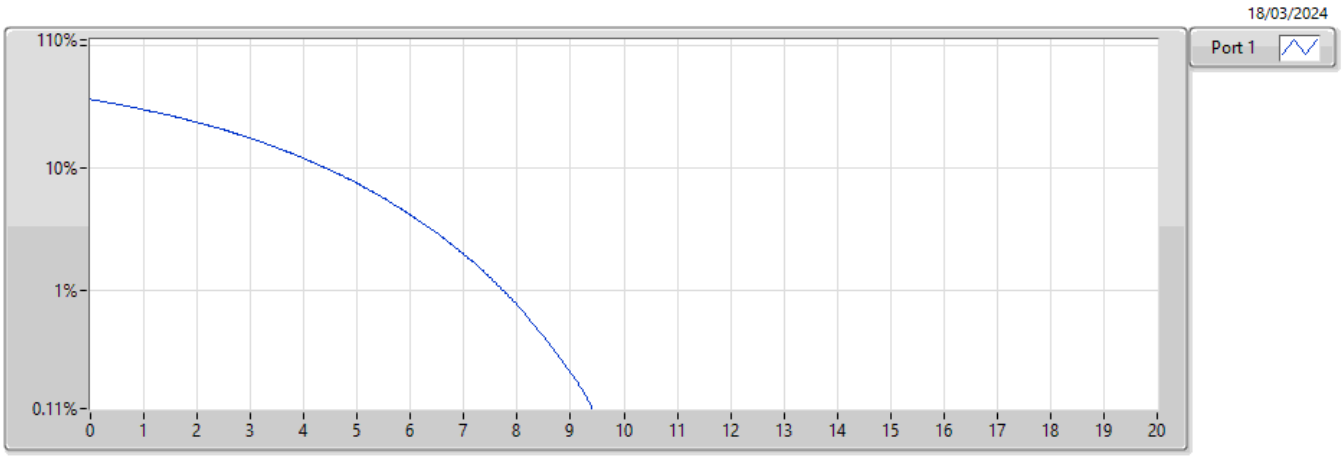
3695MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	9.40	-3.60	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

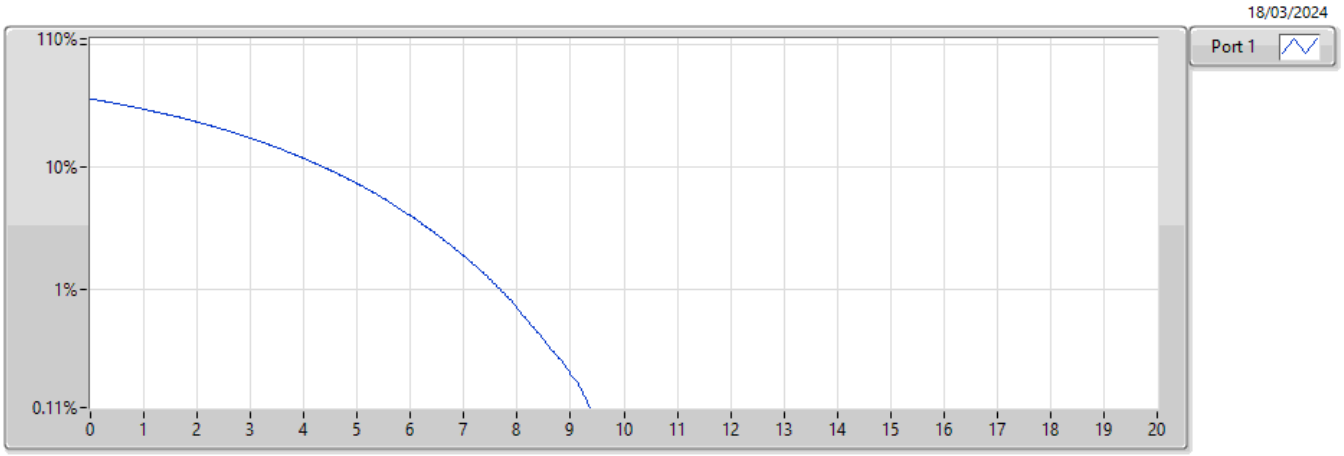
3555MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.44	-3.56	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

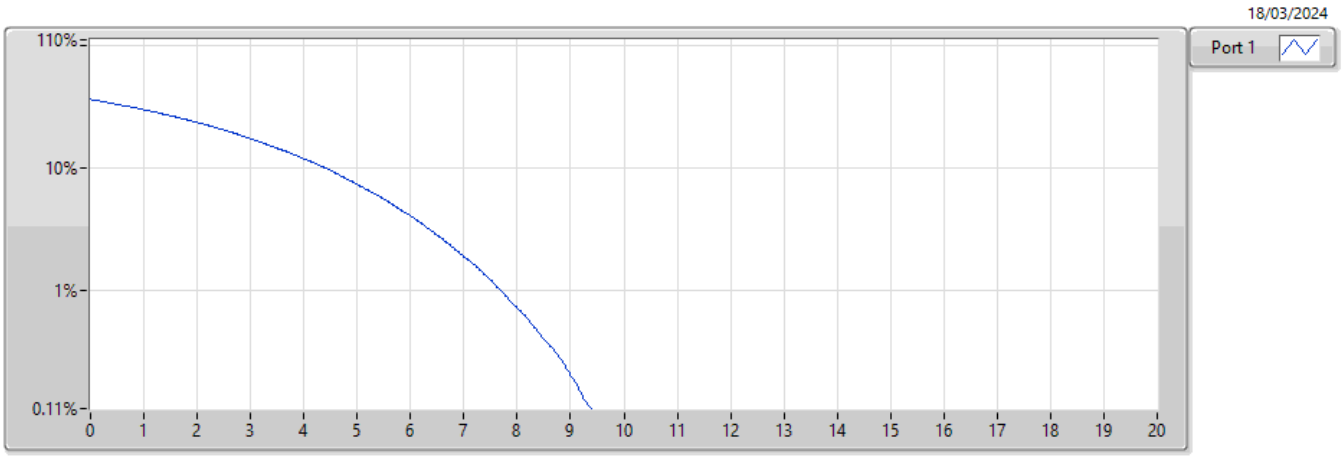
3625MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.40	-3.60	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

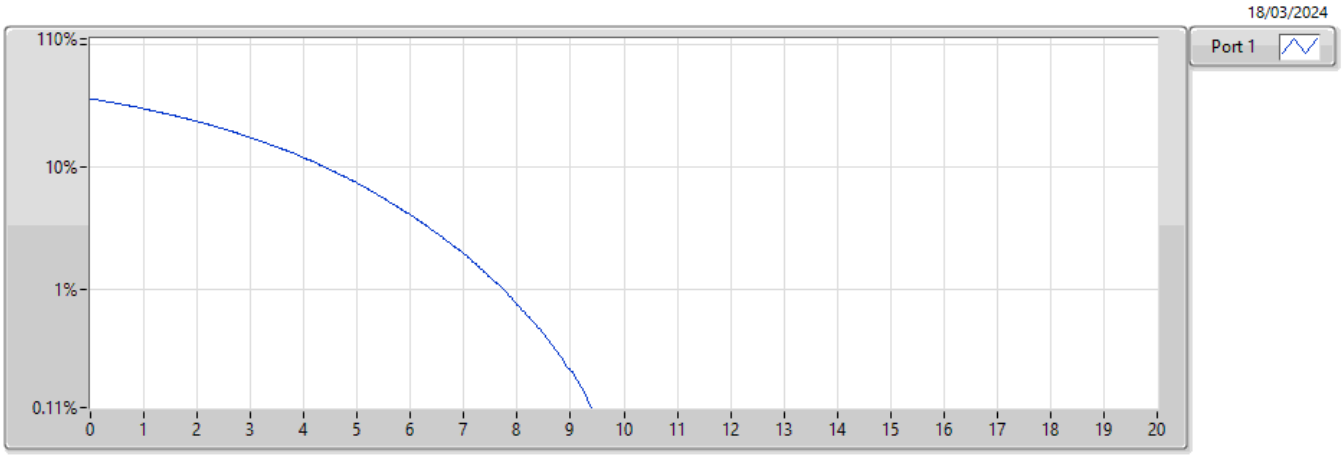
3695MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	9.44	-3.56	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

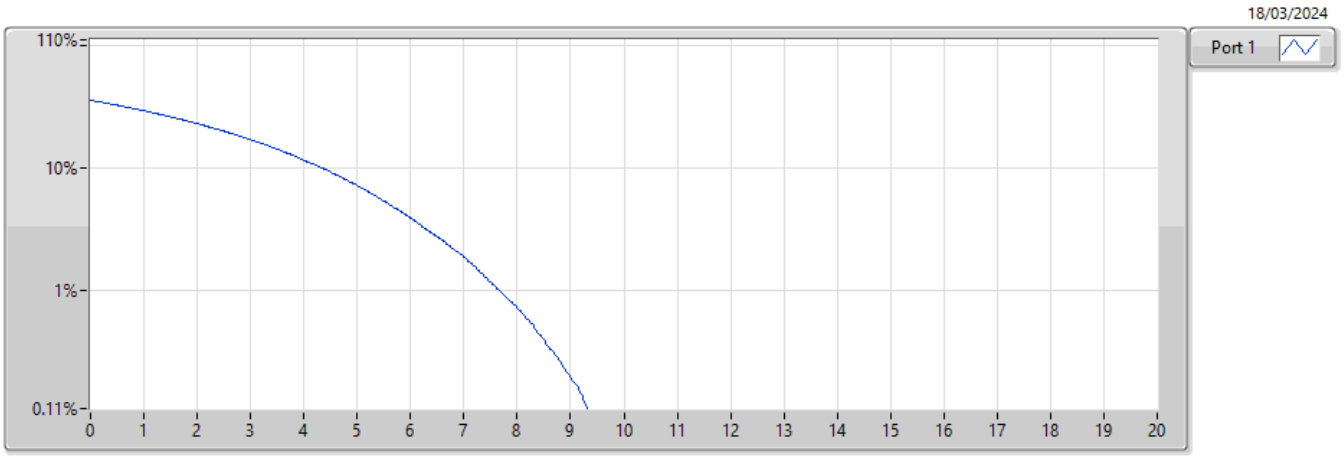
3555MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.42	-3.58	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

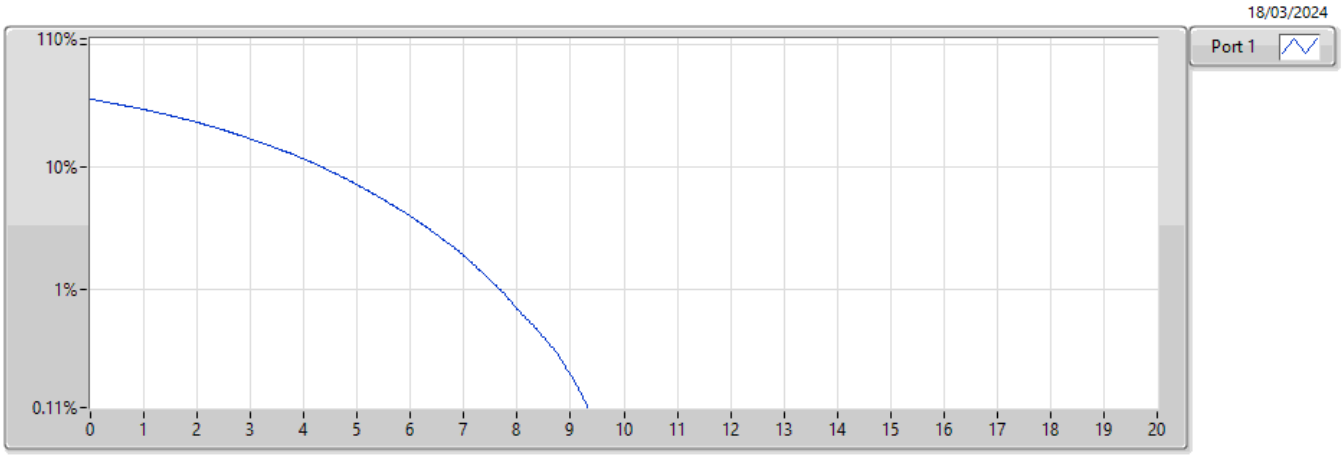
3625MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.34	-3.66	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

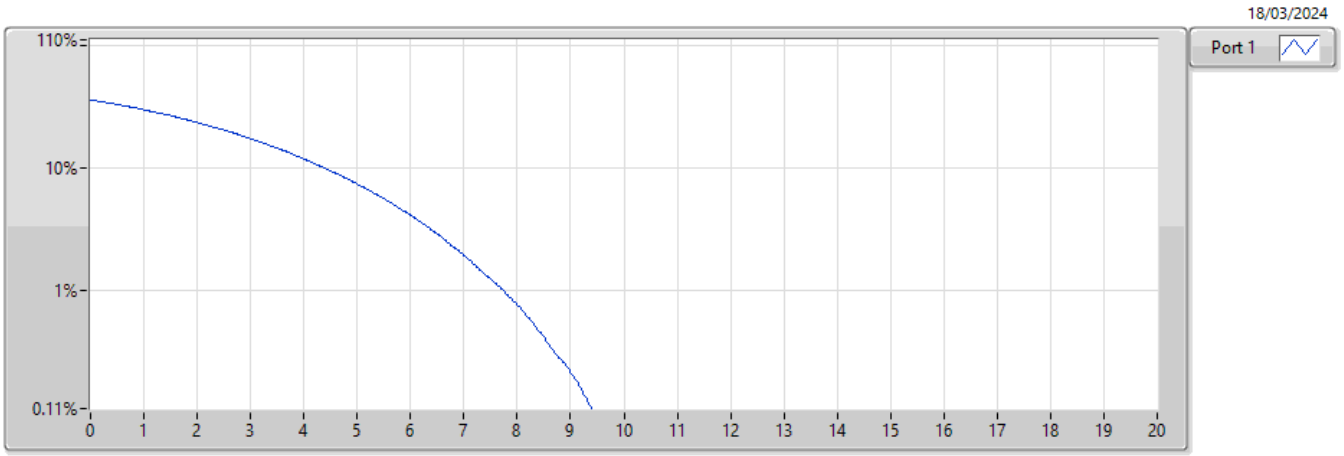
3695MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	9.38	-3.62	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

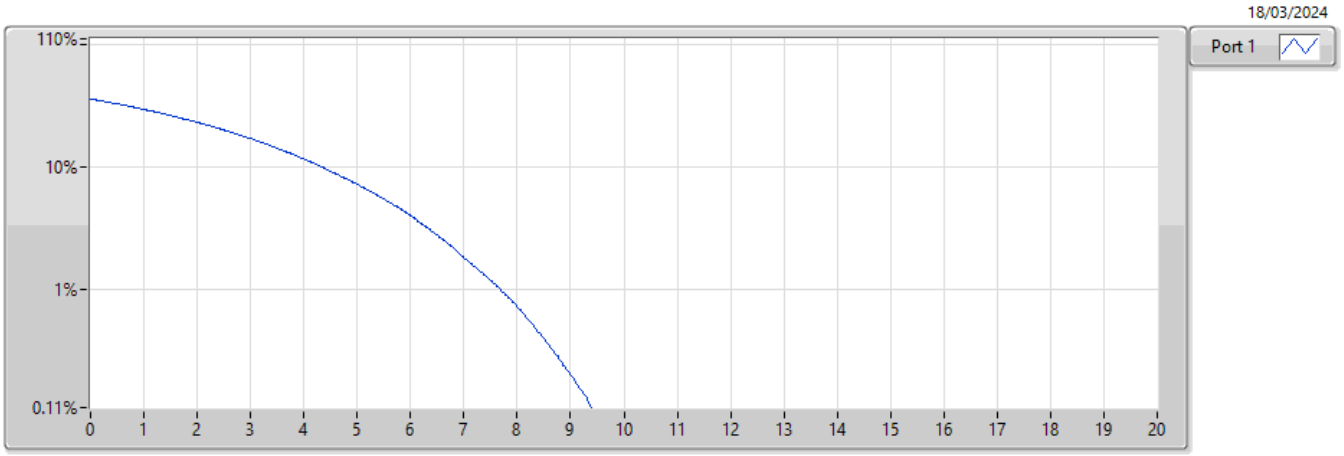
3555MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3555	10M	9.44	-3.56	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

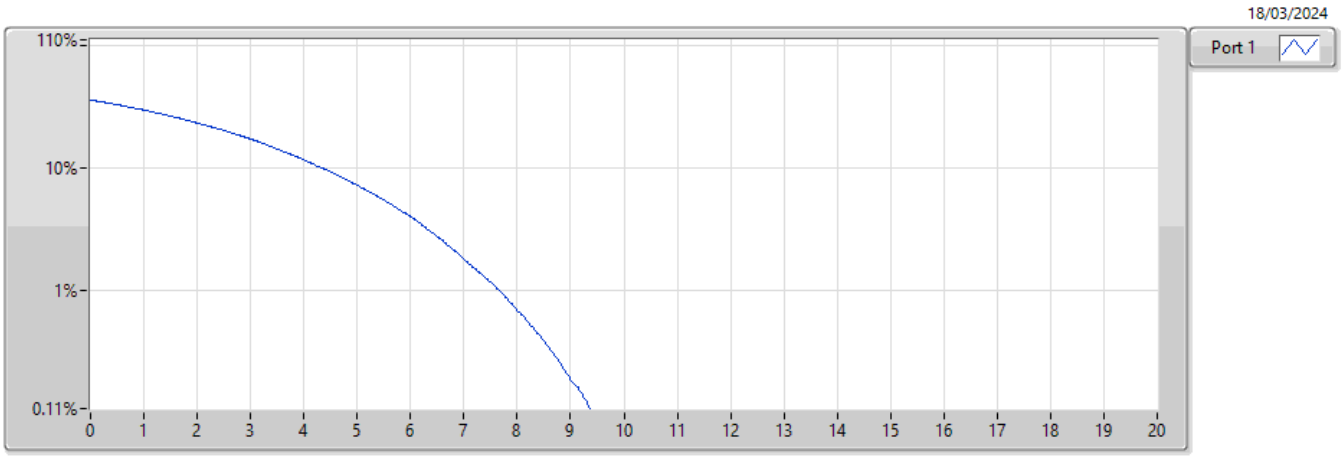
3625MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	10M	9.42	-3.58	13.00	1

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

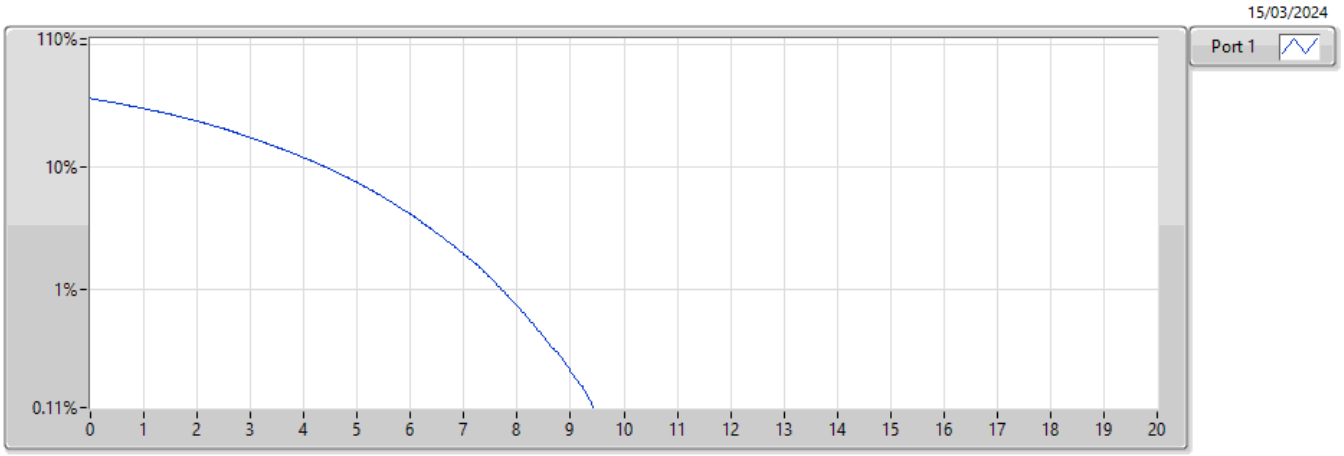
3695MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3695	10M	9.40	-3.60	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

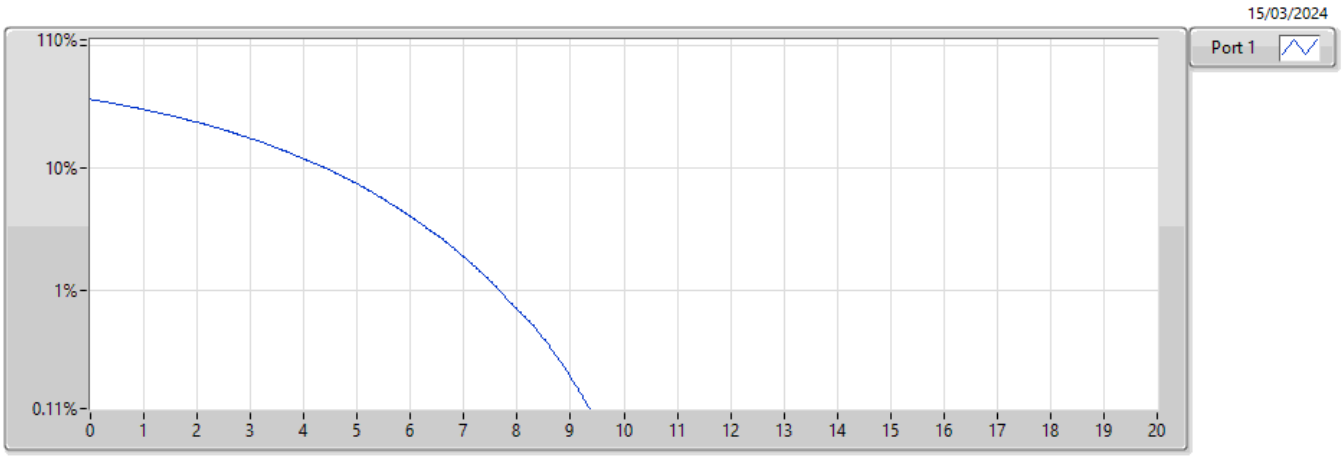
3560MHz_CP-OFDM_QPSK_Outer_Full



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

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

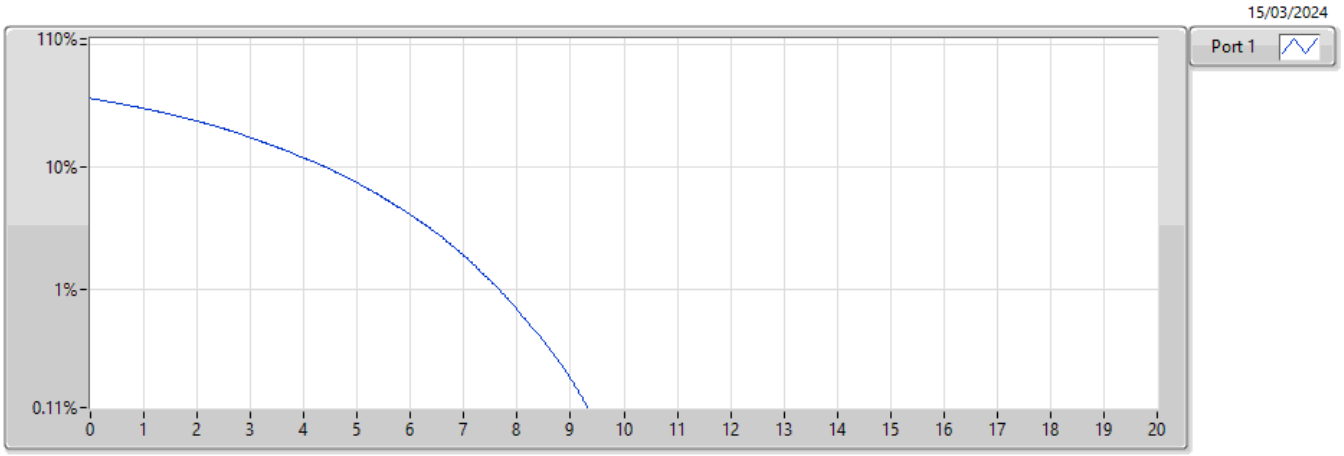
3625MHz_CP-OFDM_QPSK_Outer_Full



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

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

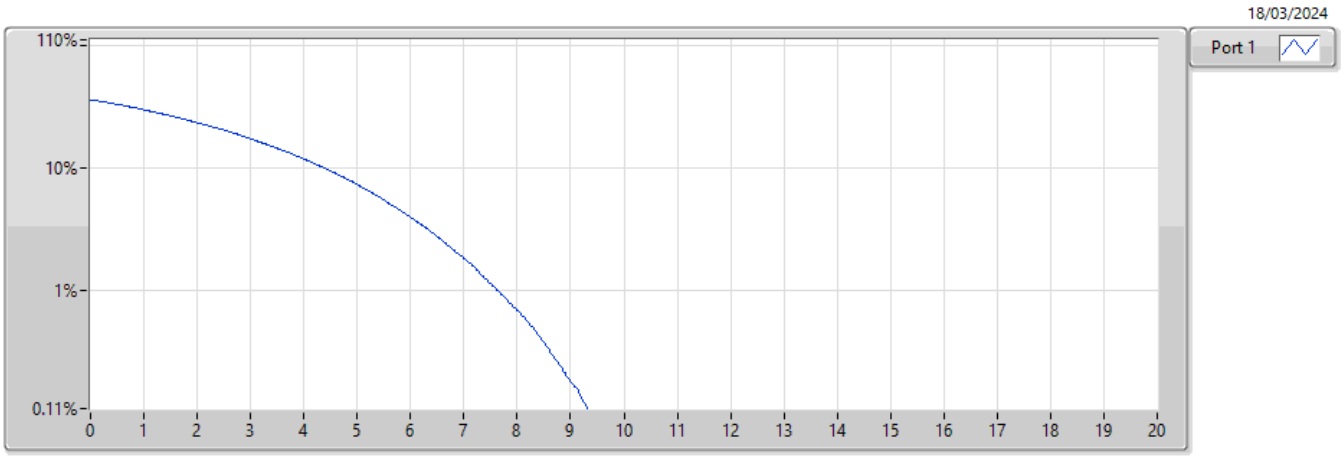
3690MHz_CP-OFDM_QPSK_Outer_Full



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

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

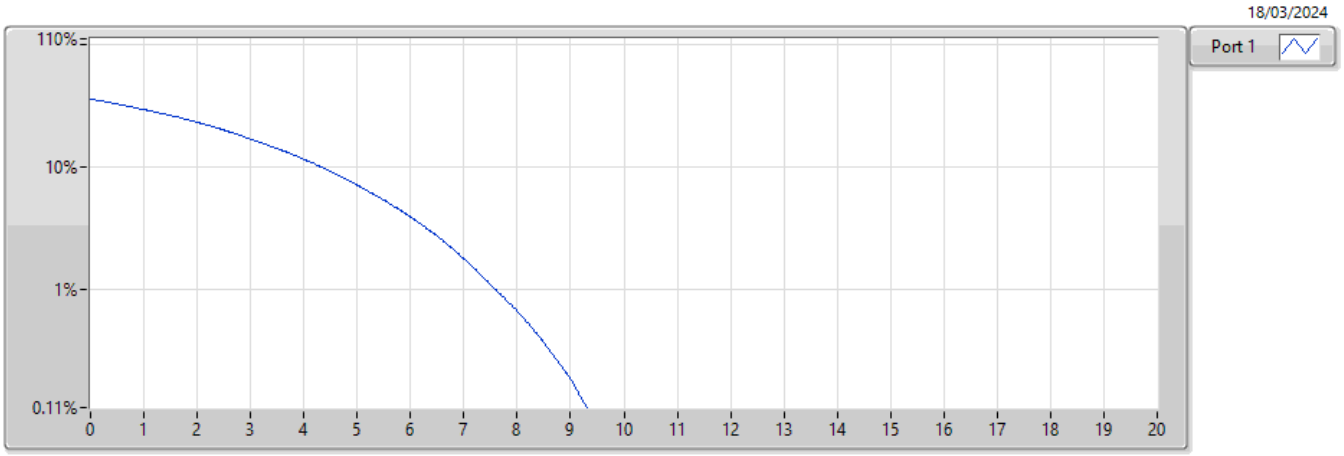
3560MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.38	-3.62	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

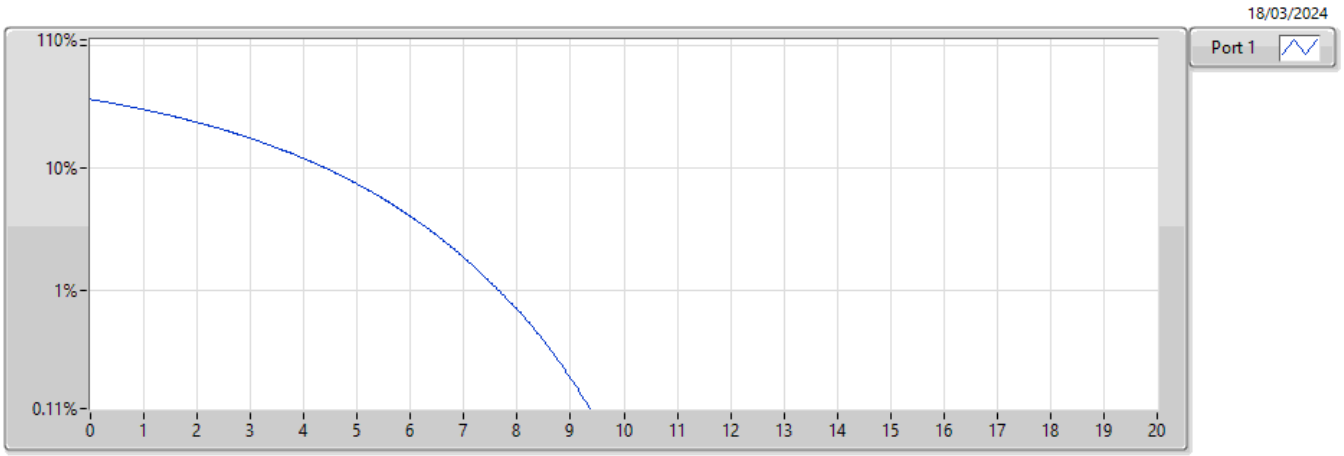
3625MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.38	-3.62	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

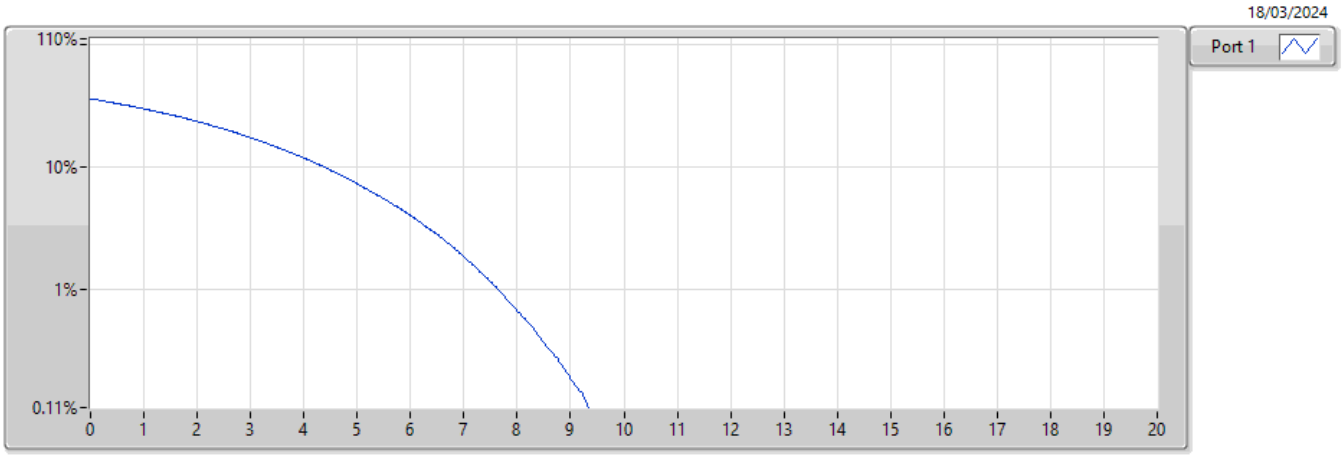
3690MHz_CP-OFDM_16QAM_Outer_Full



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

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

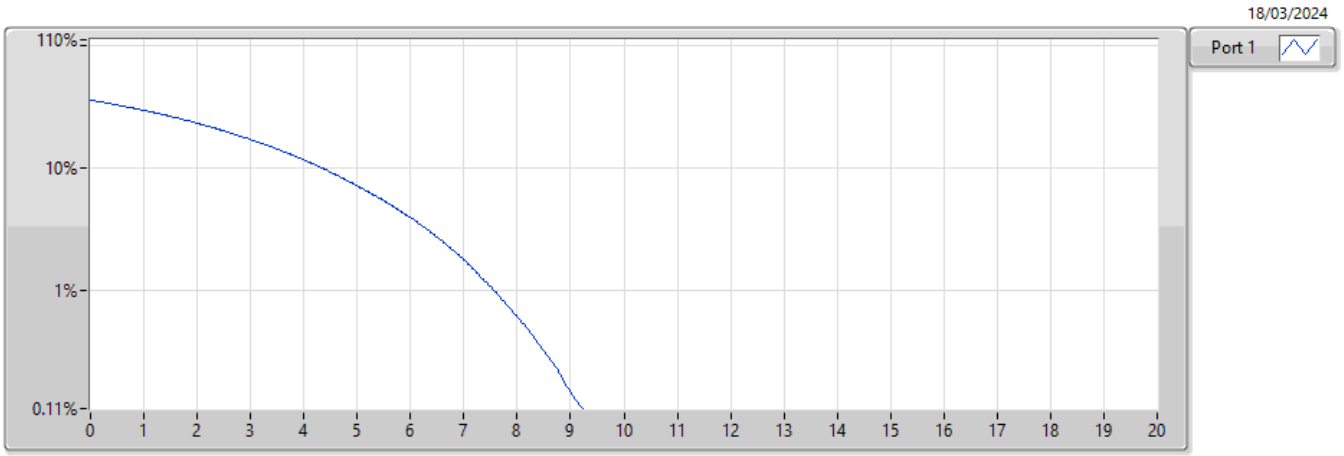
3560MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.38	-3.62	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

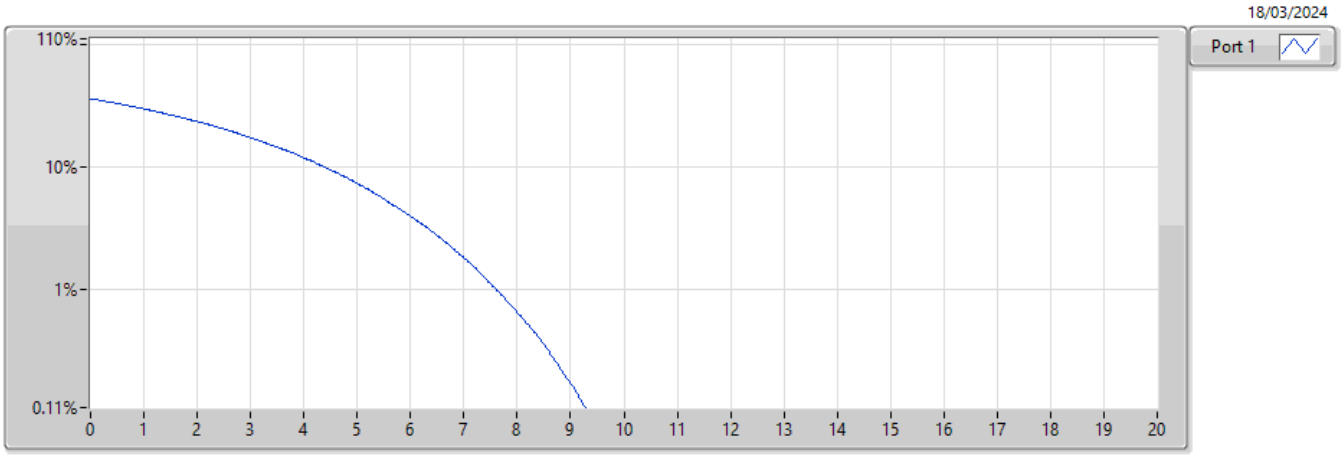
3625MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.32	-3.68	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

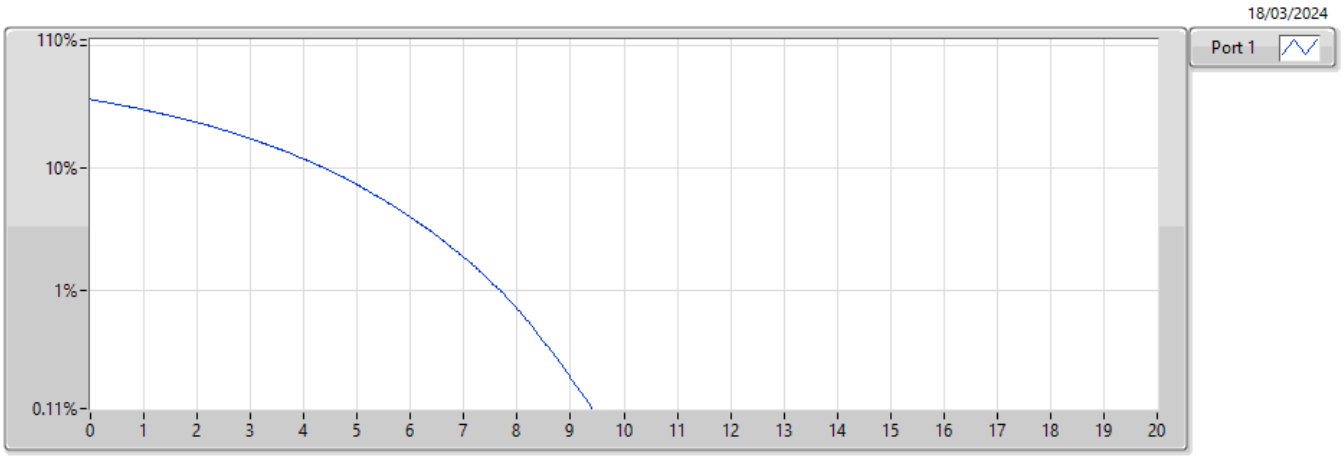
3690MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.32	-3.68	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

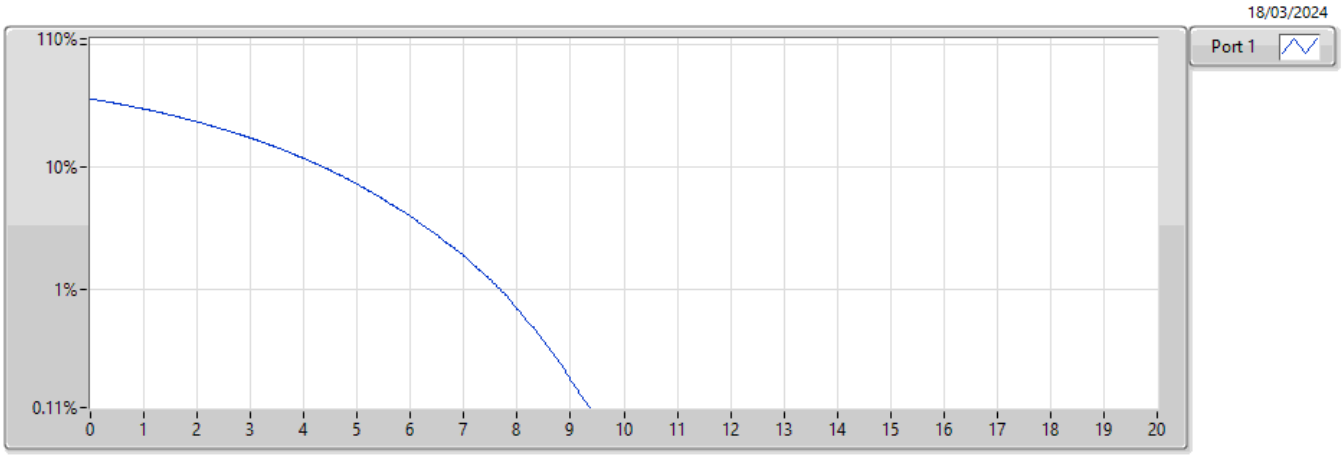
3560MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.46	-3.54	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

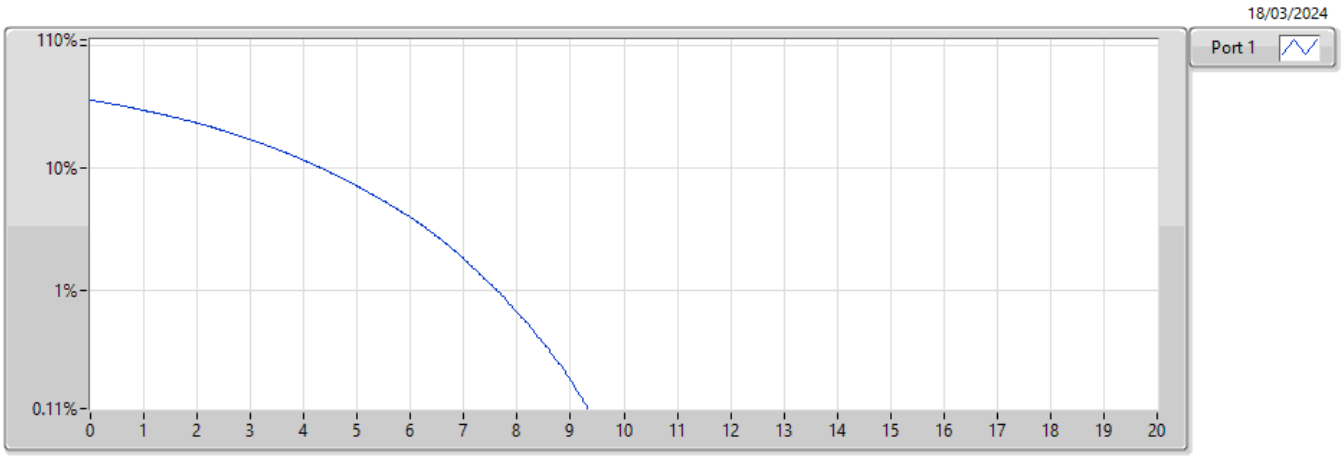
3625MHz_CP-OFDM_256QAM_Outer_Full



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

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

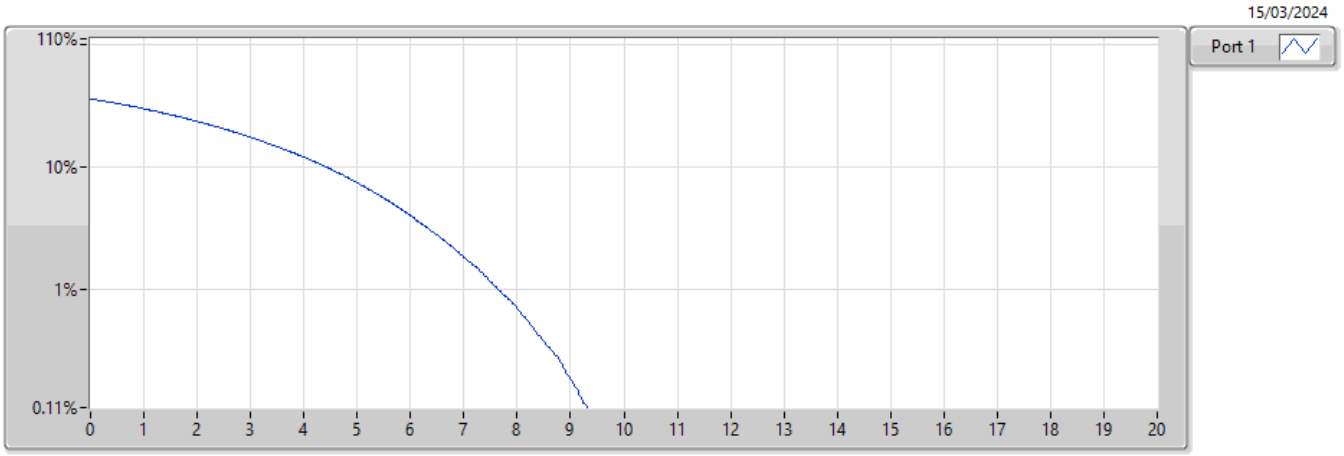
3690MHz_CP-OFDM_256QAM_Outer_Full



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

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

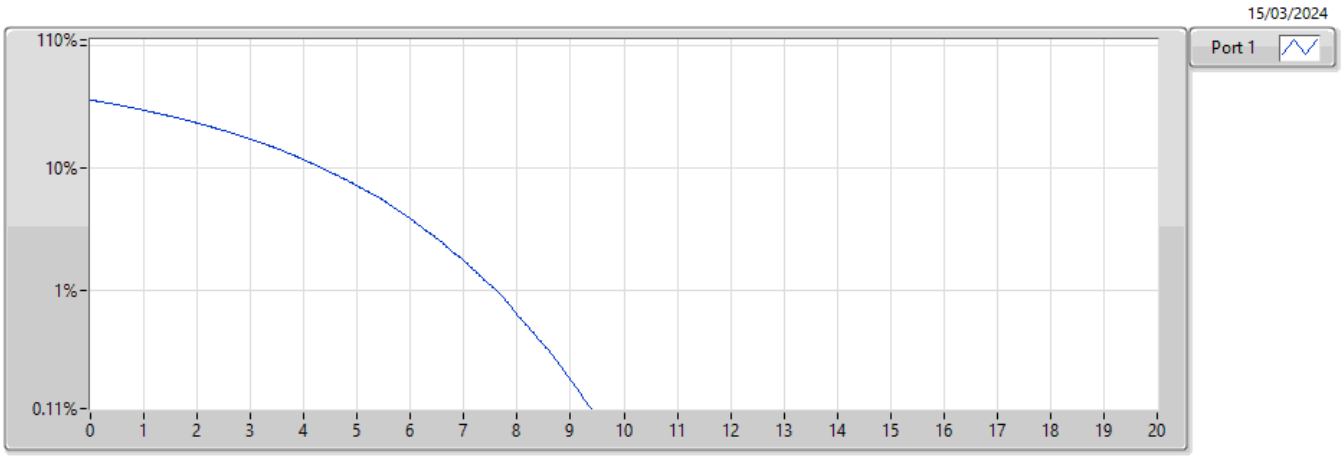
3570MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.40	-3.60	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

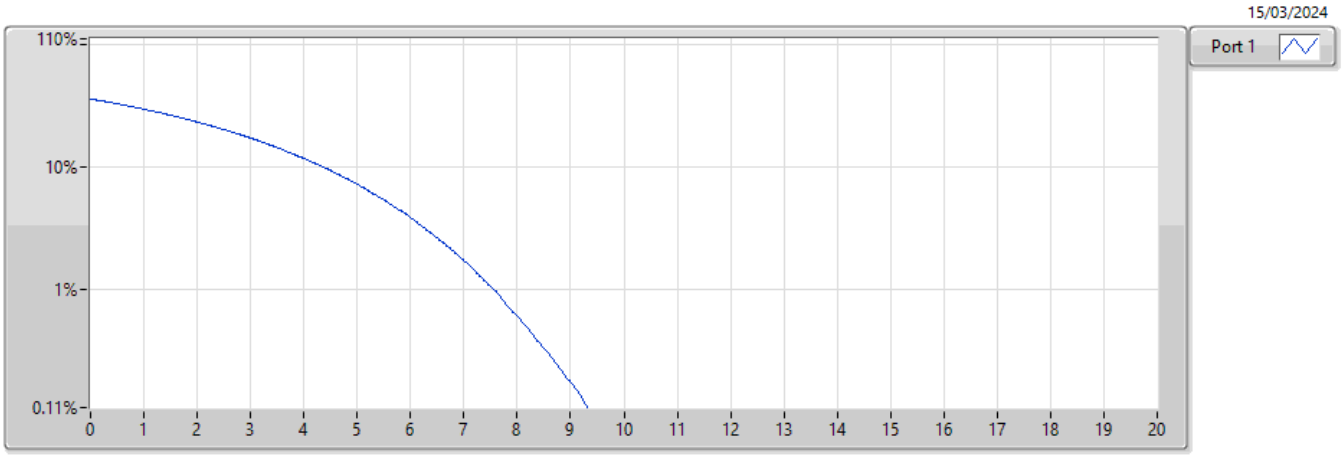
3625MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.44	-3.56	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **PAPR**

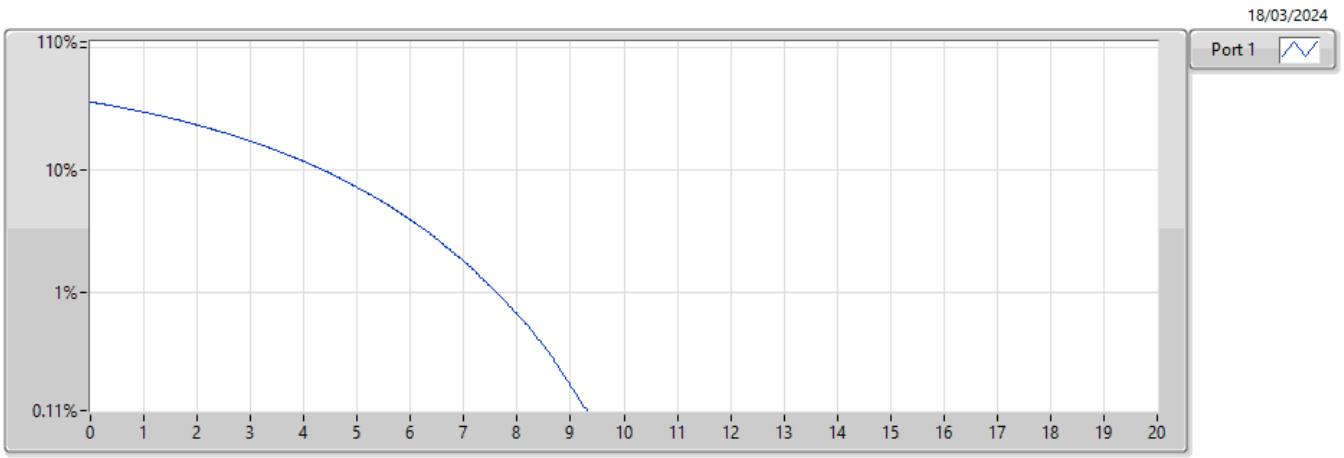
3680MHz_CP-OFDM_QPSK_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.36	-3.64	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

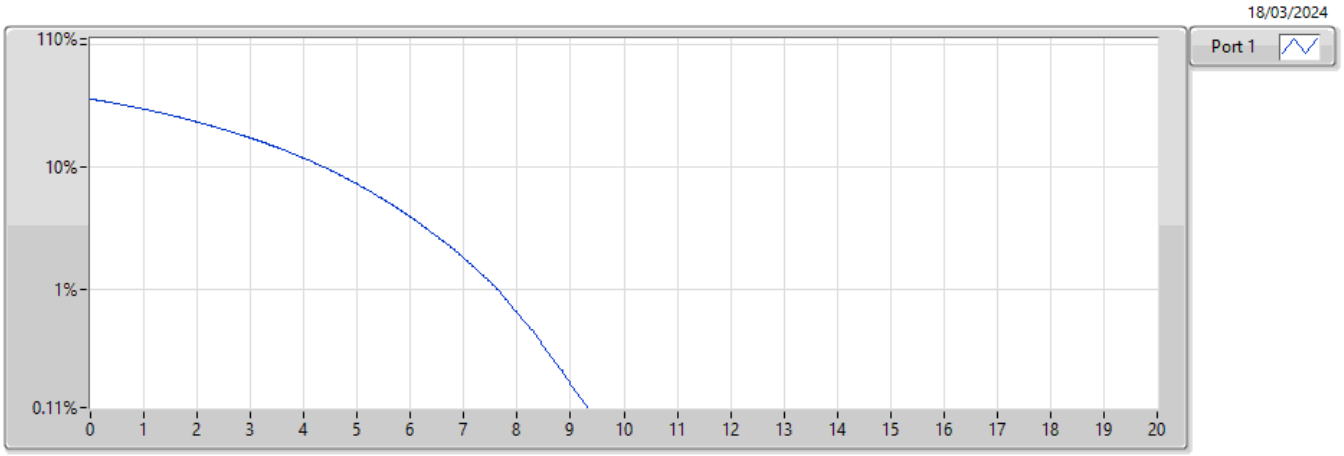
3570MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.40	-3.60	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

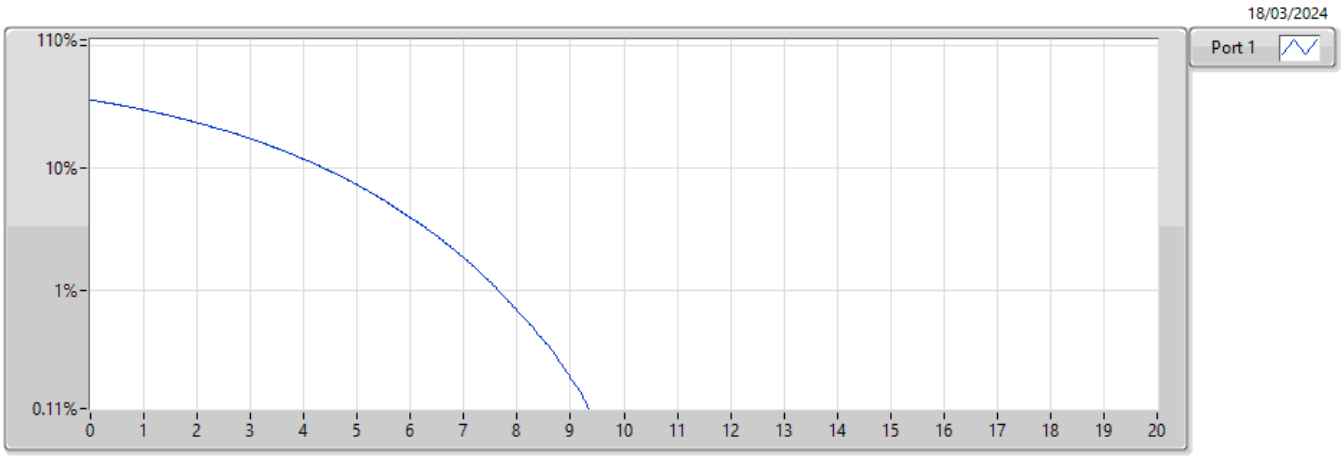
3625MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.36	-3.64	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **PAPR**

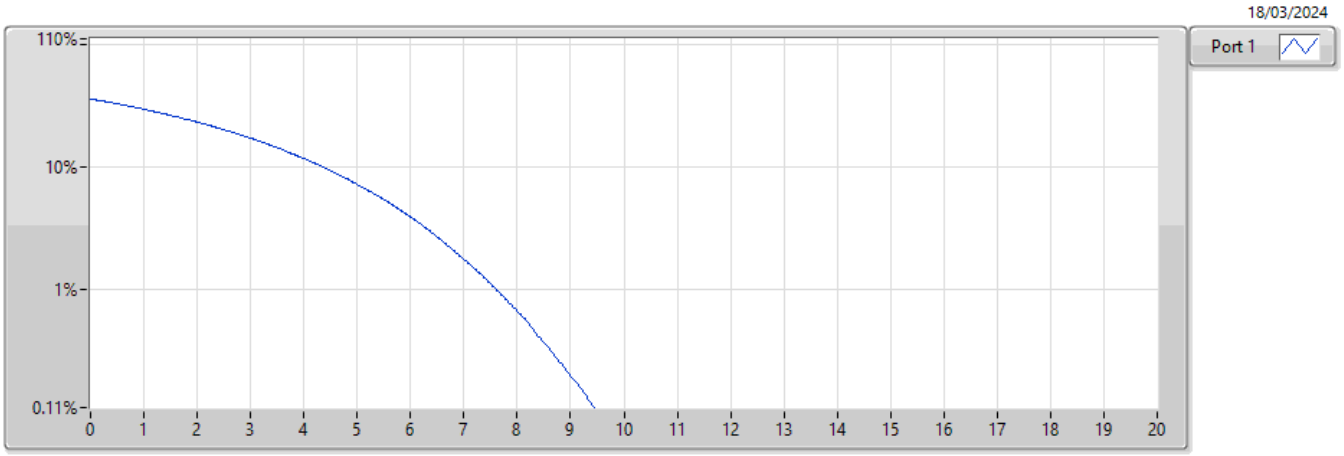
3680MHz_CP-OFDM_16QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.40	-3.60	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

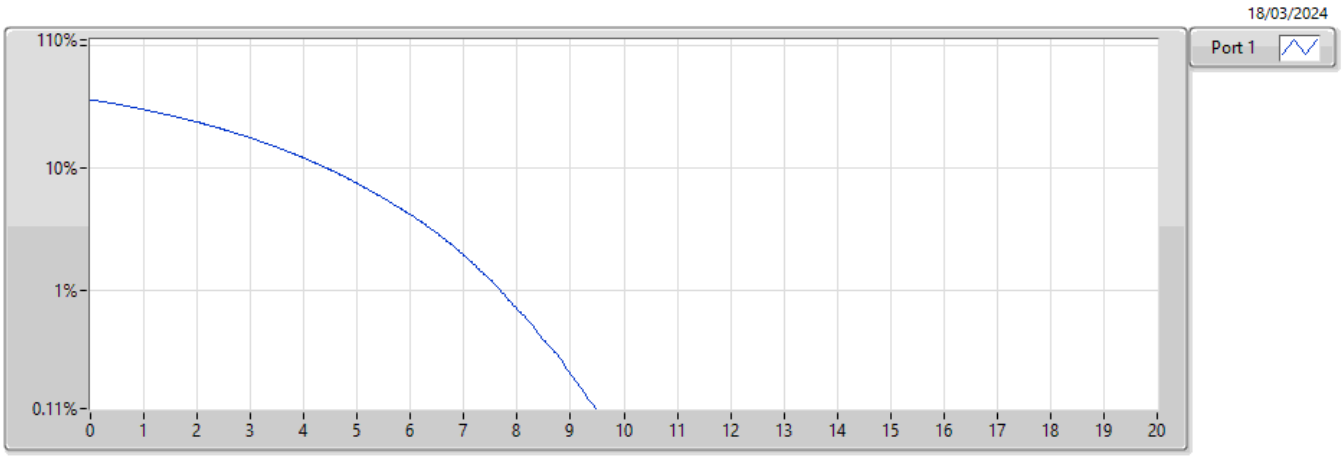
3570MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.52	-3.48	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

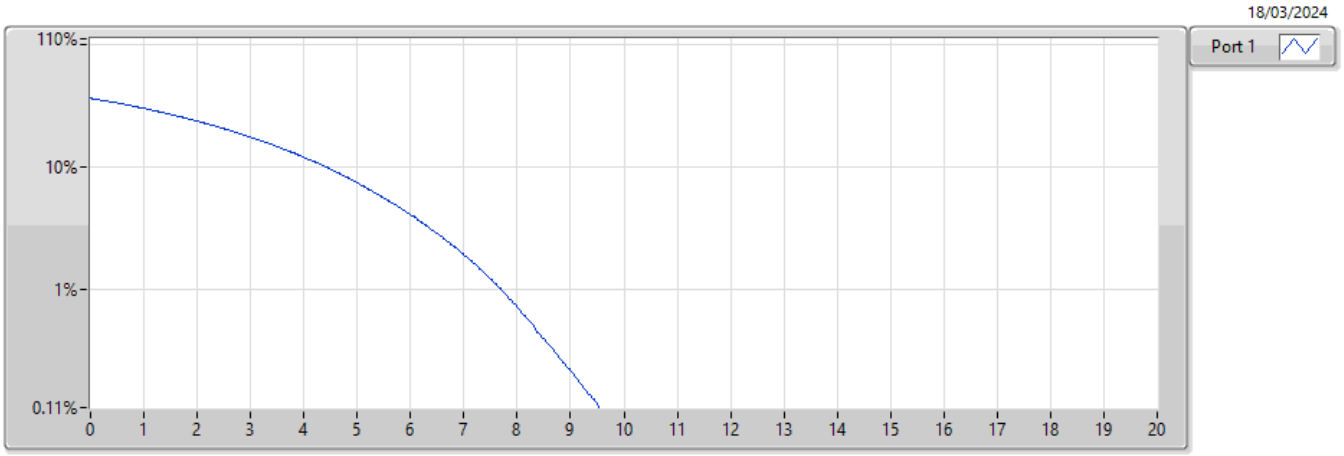
3625MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.54	-3.46	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **PAPR**

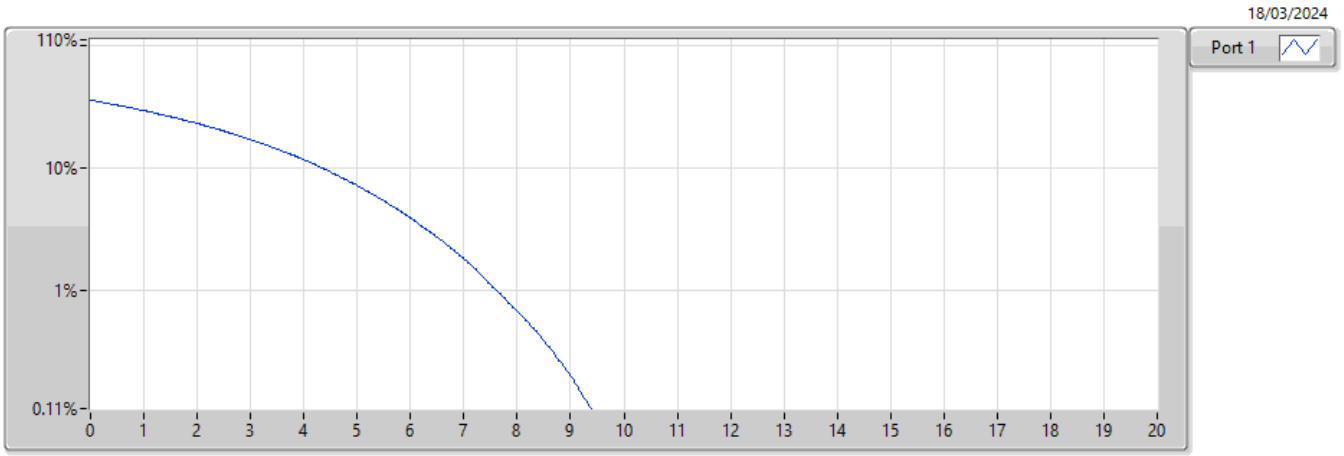
3680MHz_CP-OFDM_64QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.58	-3.42	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

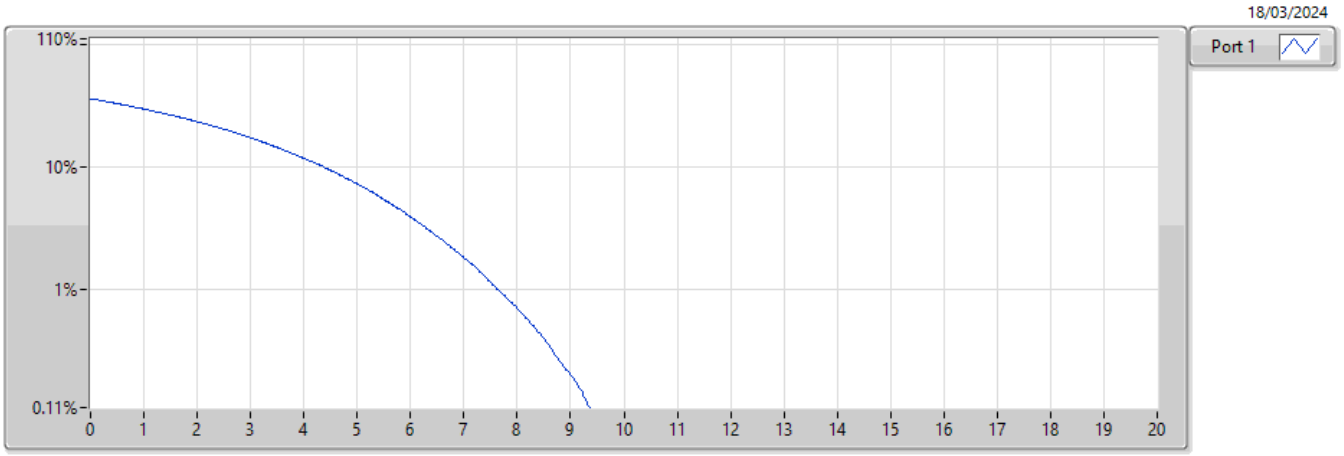
3570MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.44	-3.56	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **PAPR**

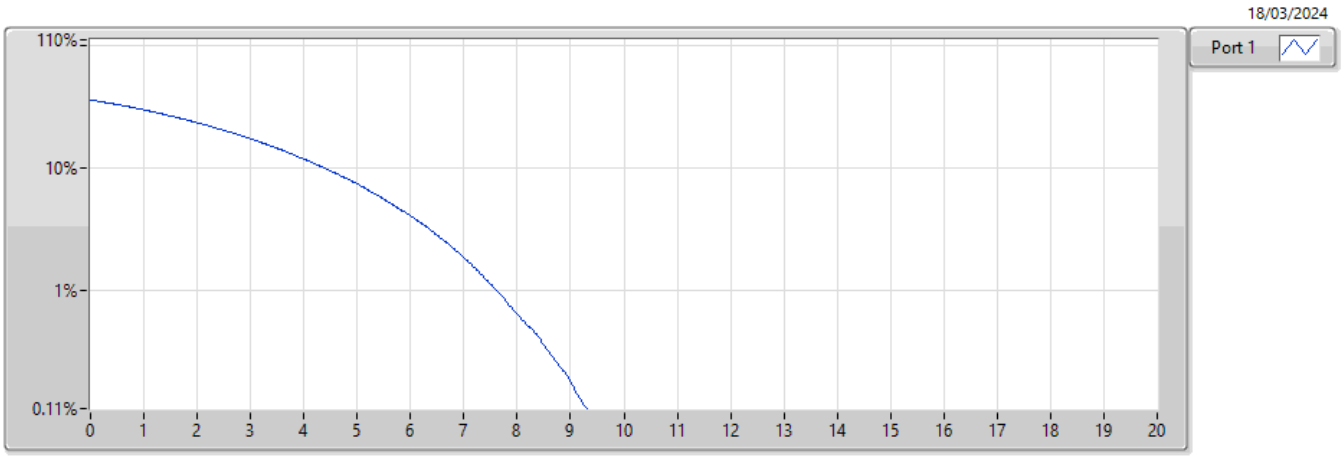
3625MHz_CP-OFDM_256QAM_Outer_Full



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.42	-3.58	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	9.36	-3.64	13.00	1

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band n48	-	-	-	-	-
NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	10.013M	8.801M	8M80G7D	9.275M	8.626M
NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	9.775M	8.68M	8M68W7D	9.213M	8.549M
NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	10.15M	8.755M	8M76W7D	9.238M	8.6M
NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	10.213M	8.789M	8M79W7D	9.288M	8.604M
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	19.9M	18.313M	18M3G7D	19.025M	18.149M
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	19.8M	18.314M	18M3W7D	19M	18.211M
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	19.875M	18.27M	18M3W7D	18.925M	18.136M
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	19.875M	18.292M	18M3W7D	19.225M	18.131M
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	39.3M	38.032M	38M0G7D	38.75M	37.548M
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	38.85M	37.936M	37M9W7D	38.6M	37.494M
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	39.05M	37.987M	38M0W7D	38.65M	37.946M
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	38.75M	37.849M	37M8W7D	38.55M	37.379M

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

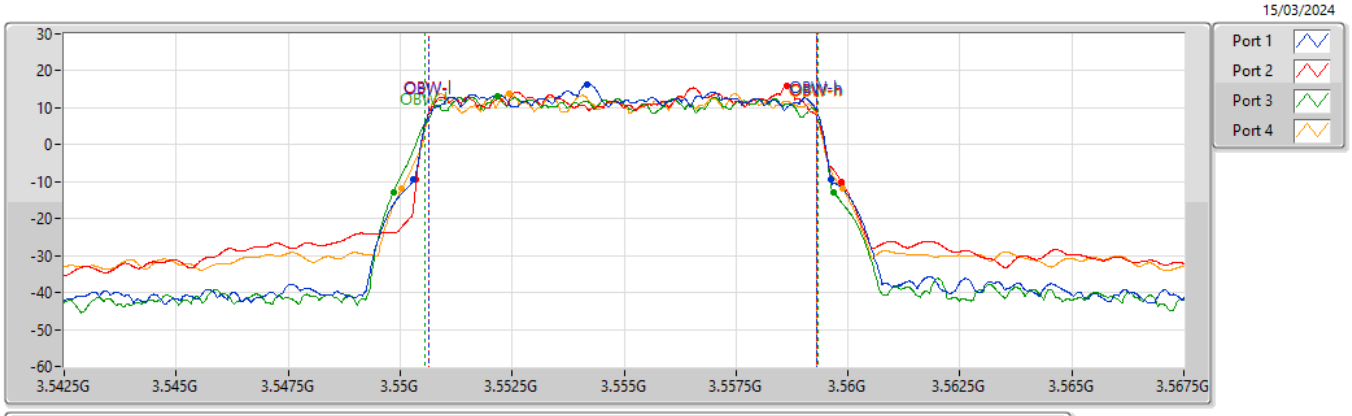
Result

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_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	9.325M	8.661M	9.488M	8.645M	9.838M	8.797M	9.838M	8.661M
3625MHz_Outer_Full	Pass	9.275M	8.694M	10.013M	8.792M	9.813M	8.756M	9.65M	8.801M
3695MHz_Outer_Full	Pass	9.713M	8.692M	9.713M	8.626M	9.7M	8.681M	9.763M	8.712M
Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	9.438M	8.68M	9.5M	8.596M	9.425M	8.598M	9.775M	8.611M
3625MHz_Outer_Full	Pass	9.45M	8.625M	9.45M	8.6M	9.475M	8.575M	9.213M	8.549M
3695MHz_Outer_Full	Pass	9.613M	8.575M	9.625M	8.648M	9.288M	8.593M	9.638M	8.601M
Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	9.238M	8.662M	9.375M	8.695M	9.275M	8.649M	9.963M	8.687M
3625MHz_Outer_Full	Pass	9.8M	8.658M	9.725M	8.6M	9.963M	8.644M	9.25M	8.67M
3695MHz_Outer_Full	Pass	9.25M	8.621M	10.113M	8.755M	10.15M	8.738M	9.663M	8.71M
Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	9.688M	8.666M	9.688M	8.689M	9.7M	8.69M	10.213M	8.786M
3625MHz_Outer_Full	Pass	9.838M	8.789M	9.288M	8.73M	9.975M	8.695M	9.6M	8.654M
3695MHz_Outer_Full	Pass	9.75M	8.604M	9.45M	8.629M	9.875M	8.699M	9.338M	8.646M
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.65M	18.313M	19.5M	18.149M	19.475M	18.235M	19.425M	18.219M
3625MHz_Outer_Full	Pass	19.6M	18.232M	19.525M	18.311M	19.025M	18.271M	19.2M	18.168M
3690MHz_Outer_Full	Pass	19.9M	18.15M	19.525M	18.188M	19.45M	18.276M	19.4M	18.188M
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19M	18.23M	19.15M	18.314M	19.45M	18.29M	19.45M	18.284M
3625MHz_Outer_Full	Pass	19.475M	18.302M	19.275M	18.241M	19.375M	18.263M	19.475M	18.239M
3690MHz_Outer_Full	Pass	19.425M	18.211M	19.8M	18.284M	19.3M	18.263M	19.275M	18.293M
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.025M	18.181M	19.625M	18.24M	19.275M	18.154M	19.375M	18.147M
3625MHz_Outer_Full	Pass	19.375M	18.249M	19.75M	18.265M	19.325M	18.237M	19.475M	18.231M
3690MHz_Outer_Full	Pass	19.6M	18.136M	19.875M	18.27M	18.925M	18.166M	19.275M	18.222M
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.575M	18.222M	19.5M	18.216M	19.525M	18.234M	19.525M	18.25M
3625MHz_Outer_Full	Pass	19.225M	18.19M	19.875M	18.229M	19.25M	18.136M	19.375M	18.292M
3690MHz_Outer_Full	Pass	19.525M	18.136M	19.625M	18.131M	19.325M	18.228M	19.375M	18.227M
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	38.8M	38.032M	38.75M	38.032M	38.75M	38.023M	38.85M	37.933M
3625MHz_Outer_Full	Pass	38.8M	38.027M	38.8M	38.03M	39.3M	37.548M	38.9M	37.829M
3680MHz_Outer_Full	Pass	38.75M	37.921M	38.75M	37.989M	38.75M	37.94M	38.75M	37.967M
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	38.65M	37.734M	38.65M	37.728M	38.7M	37.928M	38.7M	37.936M
3625MHz_Outer_Full	Pass	38.65M	37.654M	38.65M	37.692M	38.75M	37.719M	38.75M	37.856M
3680MHz_Outer_Full	Pass	38.6M	37.494M	38.6M	37.548M	38.8M	37.851M	38.85M	37.676M
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	38.65M	37.968M	38.65M	37.963M	38.65M	37.962M	38.65M	37.967M
3625MHz_Outer_Full	Pass	38.7M	37.987M	38.7M	37.978M	38.7M	37.983M	38.7M	37.985M
3680MHz_Outer_Full	Pass	38.7M	37.946M	38.7M	37.964M	39.05M	37.971M	38.75M	37.974M
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	38.6M	37.56M	38.55M	37.539M	38.55M	37.541M	38.55M	37.542M
3625MHz_Outer_Full	Pass	38.65M	37.551M	38.6M	37.558M	38.6M	37.435M	38.6M	37.564M
3680MHz_Outer_Full	Pass	38.6M	37.379M	38.6M	37.459M	38.75M	37.74M	38.75M	37.849M

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

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

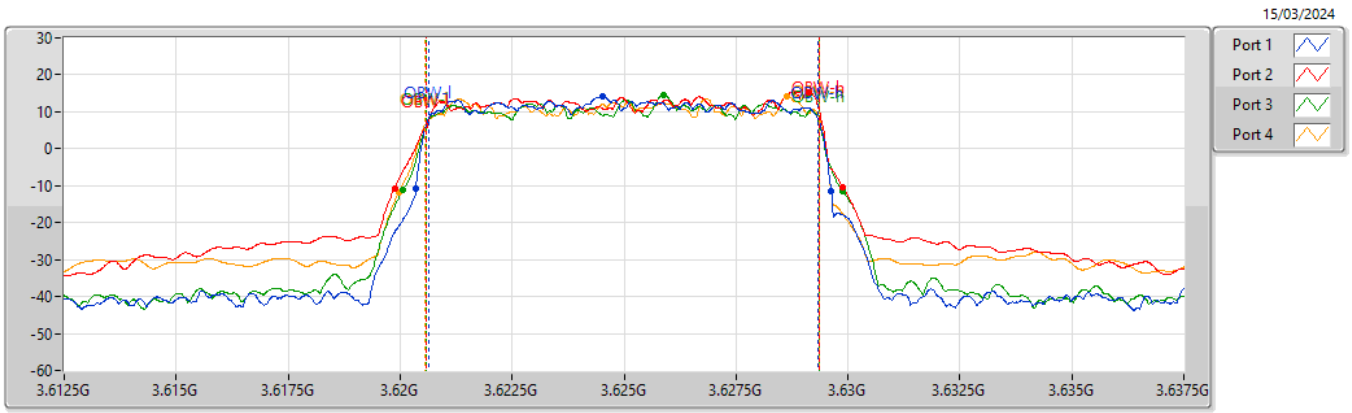
3555MHz_CP-OFDM_QPSK_Outer_Full



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)
9.325M	3.5503G	3.559625G	8.661M	3.550649G	3.55931G	1	3.555G	25M	300k	1M
9.488M	3.550363G	3.55985G	8.645M	3.550646G	3.559291G	2	3.555G	25M	300k	1M
9.838M	3.54985G	3.559688G	8.797M	3.550541G	3.559338G	3	3.555G	25M	300k	1M
9.838M	3.550038G	3.559875G	8.661M	3.550634G	3.559296G	4	3.555G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

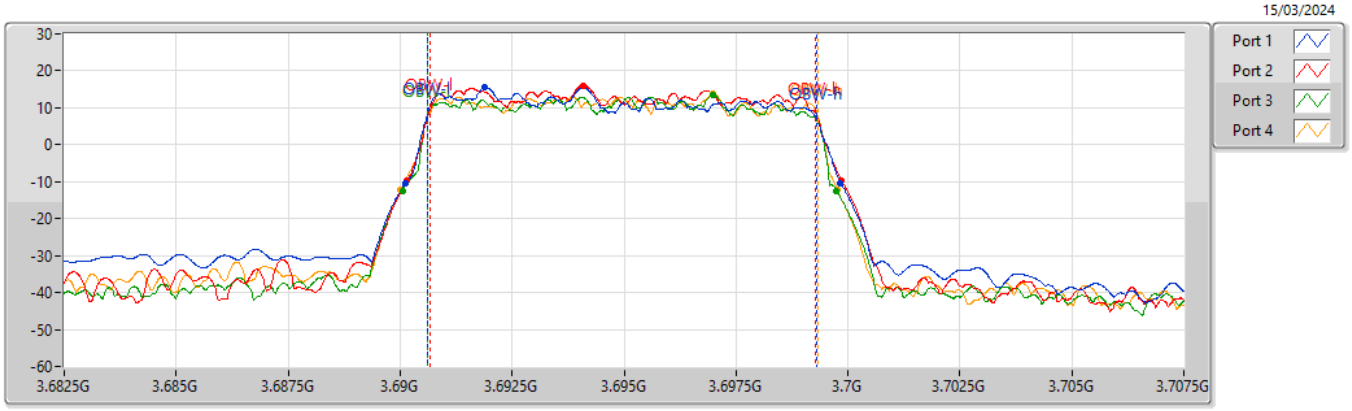
3625MHz_CP-OFDM_QPSK_Outer_Full



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)
9.275M	3.62035G	3.629625G	8.694M	3.620634G	3.629328G	1	3.625G	25M	300k	1M
10.013M	3.619875G	3.629888G	8.792M	3.620575G	3.629368G	2	3.625G	25M	300k	1M
9.813M	3.620063G	3.629875G	8.756M	3.62059G	3.629346G	3	3.625G	25M	300k	1M
9.65M	3.619975G	3.629625G	8.801M	3.620552G	3.629354G	4	3.625G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

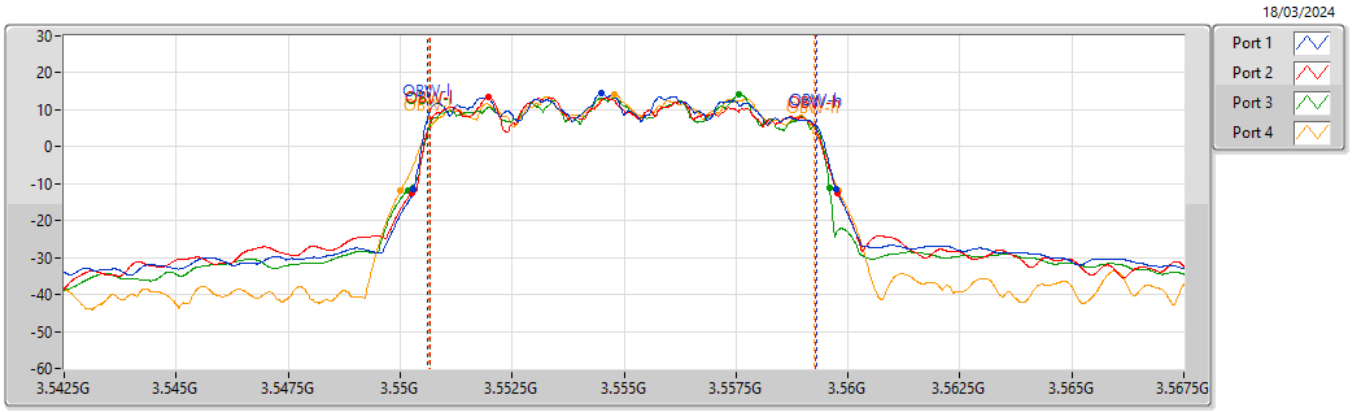
3695MHz_CP-OFDM_QPSK_Outer_Full



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)
9.713M	3.690125G	3.699838G	8.692M	3.690613G	3.699306G	1	3.695G	25M	300k	1M
9.713M	3.69015G	3.699863G	8.626M	3.69066G	3.699286G	2	3.695G	25M	300k	1M
9.7M	3.69005G	3.69975G	8.681M	3.69062G	3.699301G	3	3.695G	25M	300k	1M
9.763M	3.69G	3.699763G	8.712M	3.69061G	3.699322G	4	3.695G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

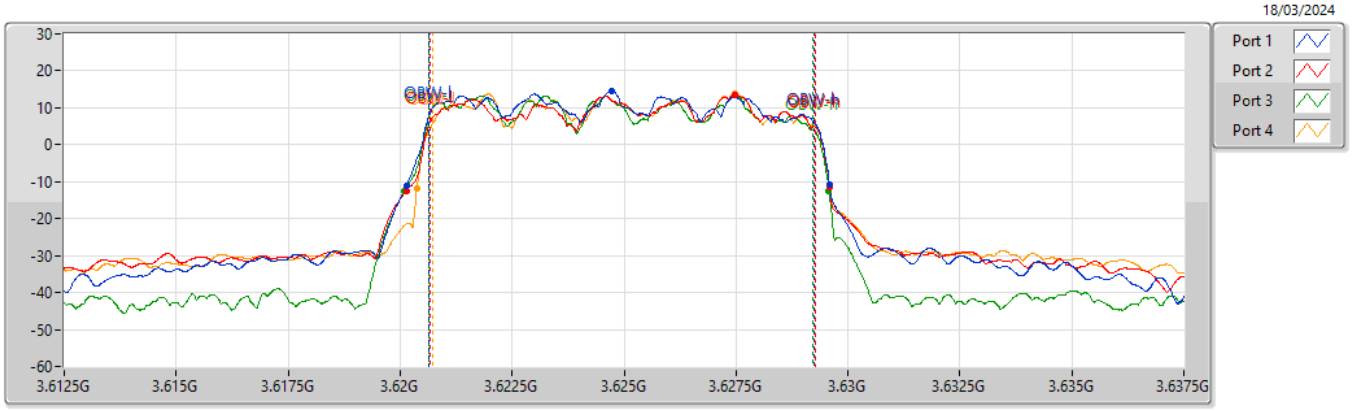
3555MHz_CP-OFDM_16QAM_Outer_Full



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)
9.438M	3.5503G	3.559738G	8.68M	3.550621G	3.559301G	1	3.555G	25M	300k	1M
9.5M	3.550263G	3.559763G	8.596M	3.550667G	3.559263G	2	3.555G	25M	300k	1M
9.425M	3.550163G	3.559588G	8.598M	3.550678G	3.559276G	3	3.555G	25M	300k	1M
9.775M	3.550013G	3.559788G	8.611M	3.550627G	3.559237G	4	3.555G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

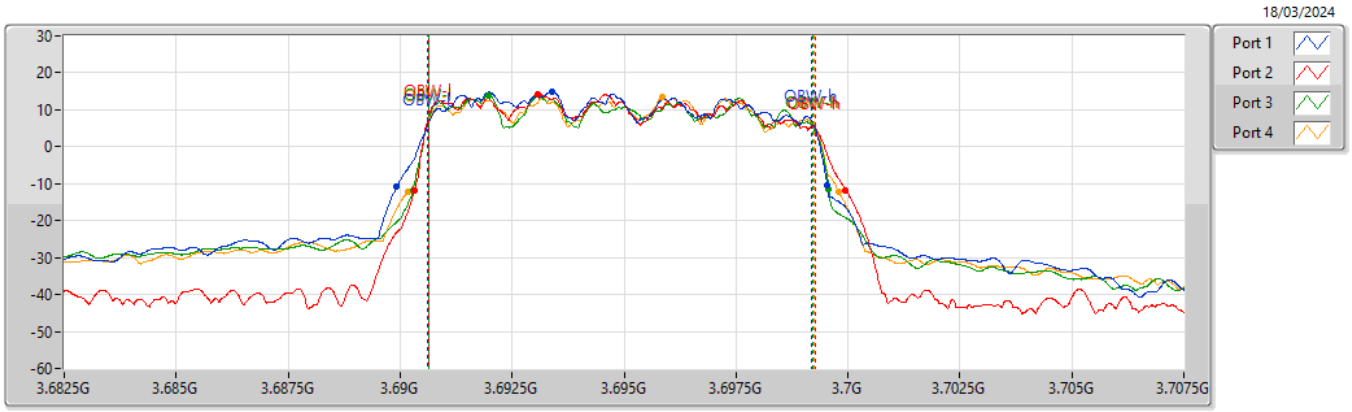
3625MHz_CP-OFDM_16QAM_Outer_Full



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)
9.45M	3.620138G	3.629588G	8.625M	3.620632G	3.629257G	1	3.625G	25M	300k	1M
9.45M	3.620138G	3.629588G	8.6M	3.620667G	3.629267G	2	3.625G	25M	300k	1M
9.475M	3.6201G	3.629575G	8.575M	3.620632G	3.629207G	3	3.625G	25M	300k	1M
9.213M	3.620375G	3.629588G	8.549M	3.620713G	3.629262G	4	3.625G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

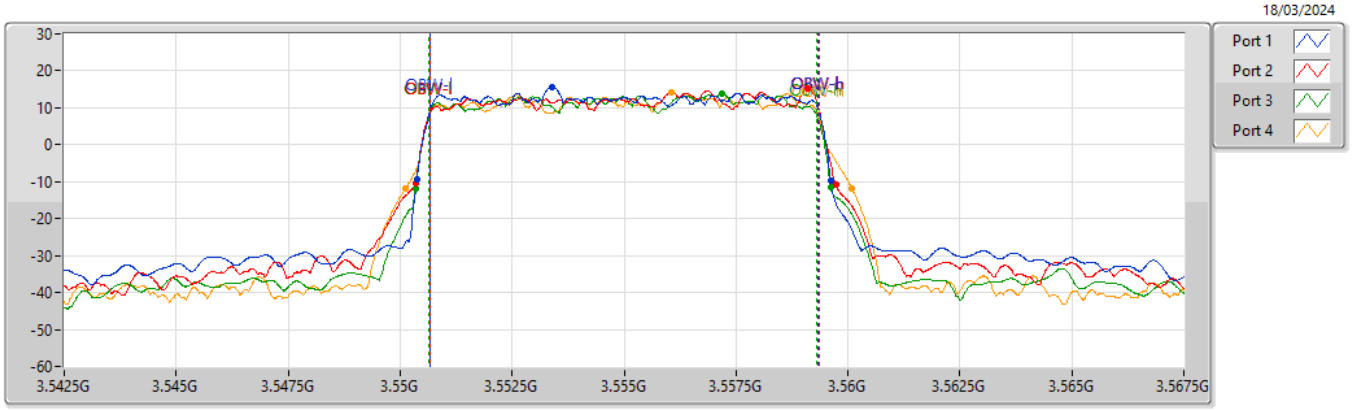
3695MHz_CP-OFDM_16QAM_Outer_Full



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)
9.613M	3.689925G	3.699538G	8.575M	3.690618G	3.699194G	1	3.695G	25M	300k	1M
9.625M	3.690325G	3.69995G	8.648M	3.690637G	3.699285G	2	3.695G	25M	300k	1M
9.288M	3.690288G	3.699575G	8.593M	3.69063G	3.699223G	3	3.695G	25M	300k	1M
9.638M	3.690163G	3.6998G	8.601M	3.690642G	3.699244G	4	3.695G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

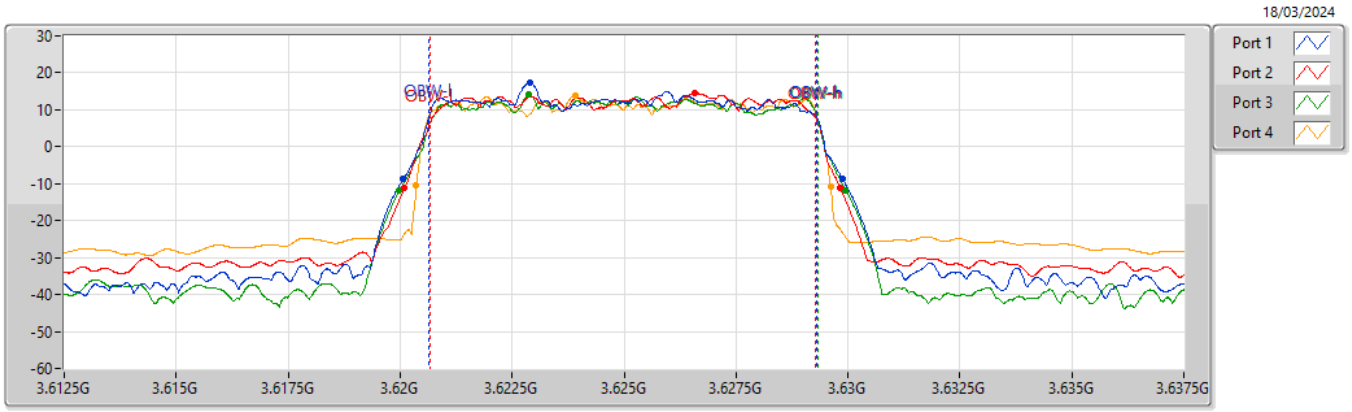
3555MHz_CP-OFDM_64QAM_Outer_Full



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)
9.238M	3.550375G	3.559613G	8.662M	3.550679G	3.559341G	1	3.555G	25M	300k	1M
9.375M	3.55035G	3.559725G	8.695M	3.550658G	3.559353G	2	3.555G	25M	300k	1M
9.275M	3.550338G	3.559613G	8.649M	3.550651G	3.5593G	3	3.555G	25M	300k	1M
9.963M	3.550125G	3.560088G	8.687M	3.55066G	3.559347G	4	3.555G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

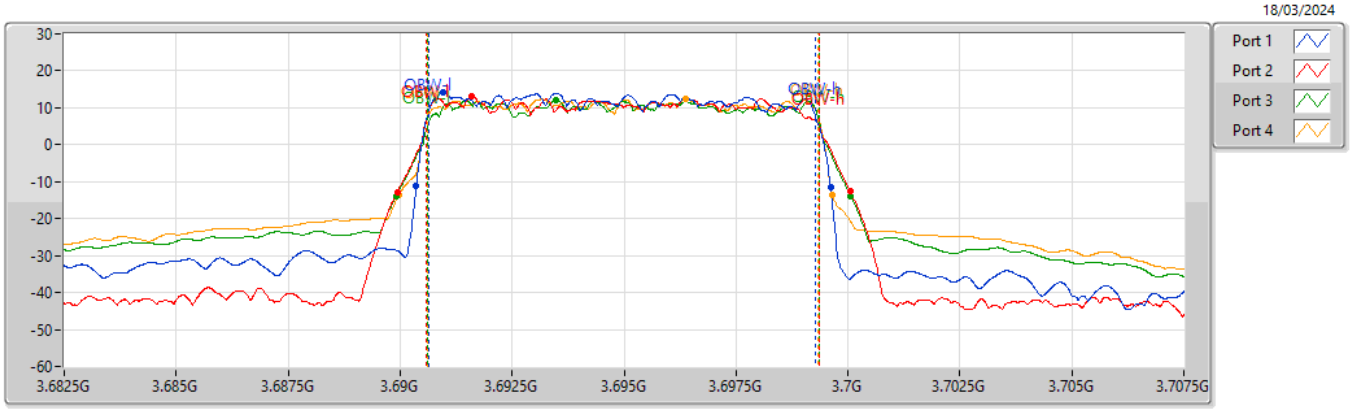
3625MHz_CP-OFDM_64QAM_Outer_Full



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)
9.8M	3.620075G	3.629875G	8.658M	3.620651G	3.629308G	1	3.625G	25M	300k	1M
9.725M	3.6201G	3.629825G	8.6M	3.620682G	3.629282G	2	3.625G	25M	300k	1M
9.963M	3.619988G	3.62995G	8.644M	3.620677G	3.629321G	3	3.625G	25M	300k	1M
9.25M	3.620363G	3.629613G	8.67M	3.62064G	3.62931G	4	3.625G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

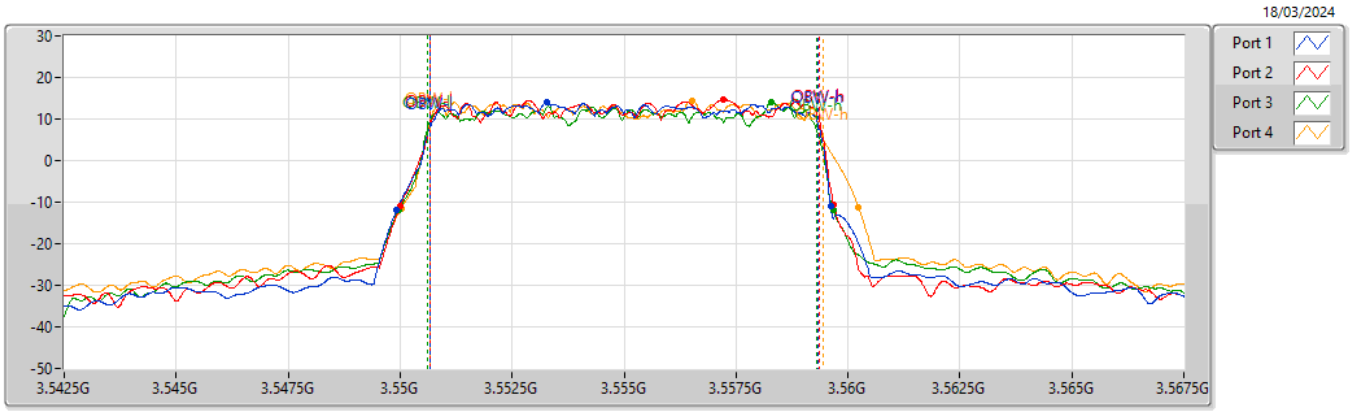
3695MHz_CP-OFDM_64QAM_Outer_Full



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)
9.25M	3.690363G	3.699613G	8.621M	3.69064G	3.699261G	1	3.695G	25M	300k	1M
10.113M	3.689938G	3.70005G	8.755M	3.690597G	3.699352G	2	3.695G	25M	300k	1M
10.15M	3.689913G	3.700063G	8.738M	3.690624G	3.699363G	3	3.695G	25M	300k	1M
9.663M	3.689975G	3.699638G	8.71M	3.690616G	3.699326G	4	3.695G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

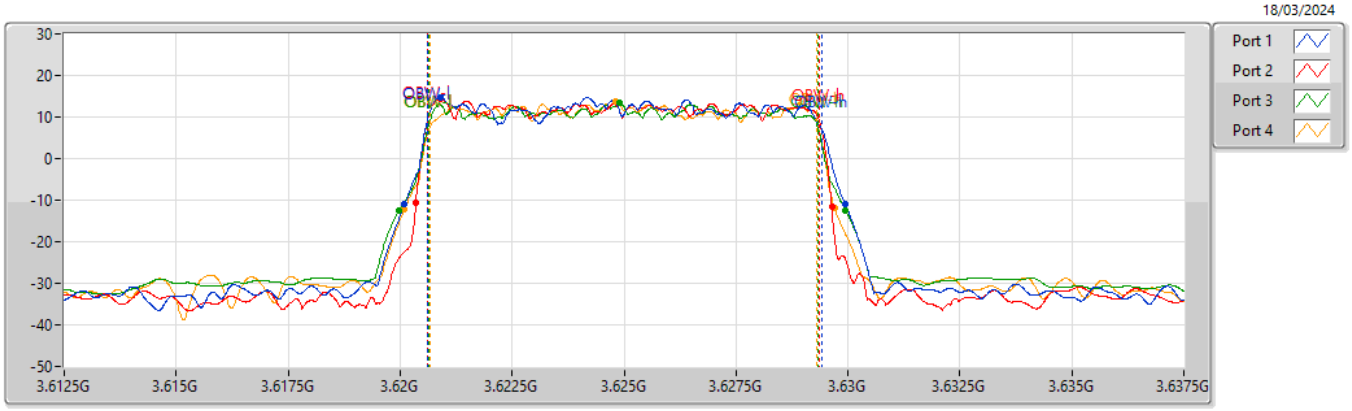
3555MHz_CP-OFDM_256QAM_Outer_Full



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)
9.688M	3.549925G	3.559613G	8.666M	3.550656G	3.559322G	1	3.555G	25M	300k	1M
9.688M	3.55G	3.559688G	8.689M	3.550665G	3.559354G	2	3.555G	25M	300k	1M
9.7M	3.549975G	3.559675G	8.69M	3.550612G	3.559302G	3	3.555G	25M	300k	1M
10.213M	3.550025G	3.560238G	8.786M	3.550658G	3.559444G	4	3.555G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

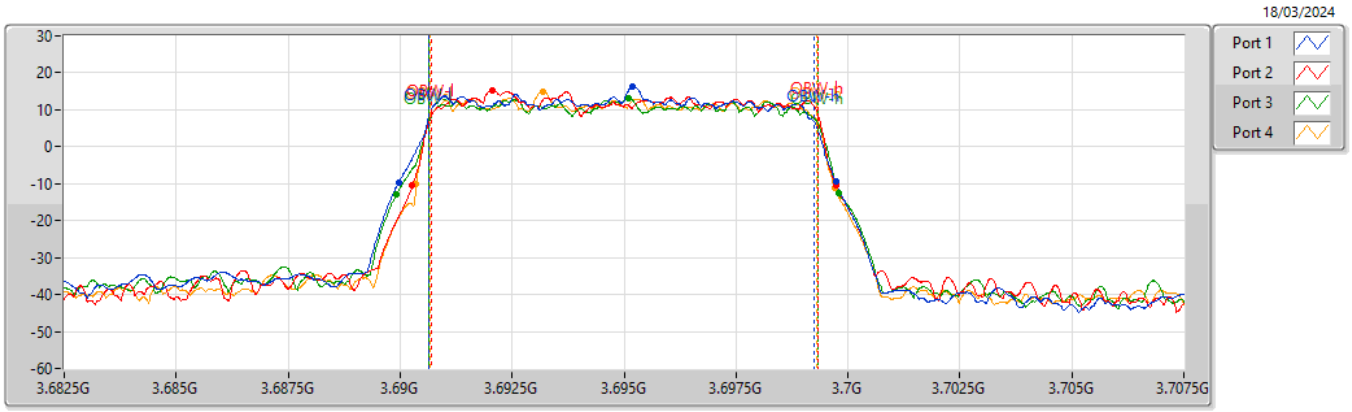
3625MHz_CP-OFDM_256QAM_Outer_Full



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)
9.838M	3.6201G	3.629938G	8.789M	3.620615G	3.629403G	1	3.625G	25M	300k	1M
9.288M	3.62035G	3.629638G	8.73M	3.620626G	3.629355G	2	3.625G	25M	300k	1M
9.975M	3.619975G	3.62995G	8.695M	3.62063G	3.629325G	3	3.625G	25M	300k	1M
9.6M	3.6201G	3.6297G	8.654M	3.620662G	3.629316G	4	3.625G	25M	300k	1M

Band n48_NR_10MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

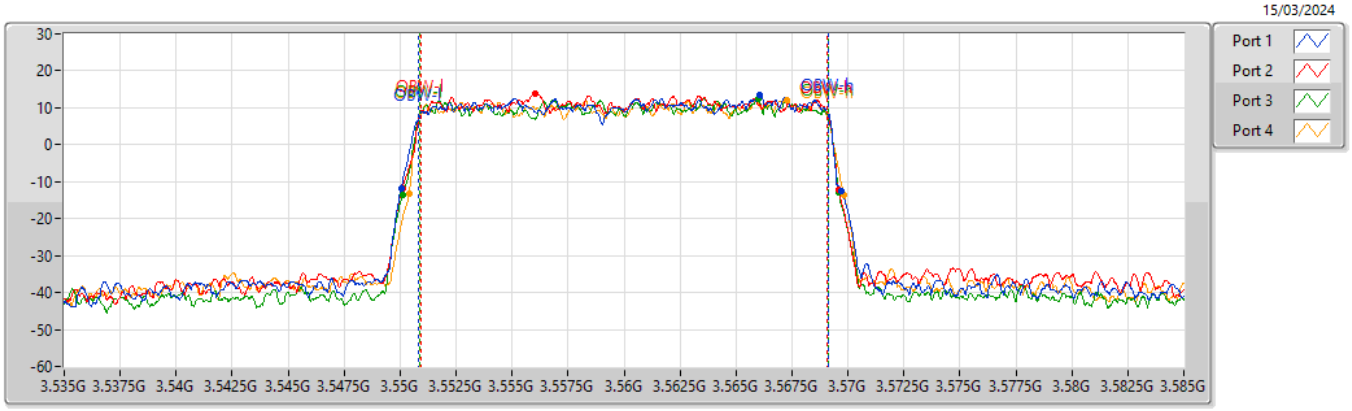
3695MHz_CP-OFDM_256QAM_Outer_Full



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)
9.75M	3.689975G	3.699725G	8.604M	3.690632G	3.699235G	1	3.695G	25M	300k	1M
9.45M	3.690275G	3.699725G	8.629M	3.690693G	3.699323G	2	3.695G	25M	300k	1M
9.875M	3.689925G	3.6998G	8.699M	3.690635G	3.699334G	3	3.695G	25M	300k	1M
9.338M	3.690363G	3.6997G	8.646M	3.690656G	3.699302G	4	3.695G	25M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

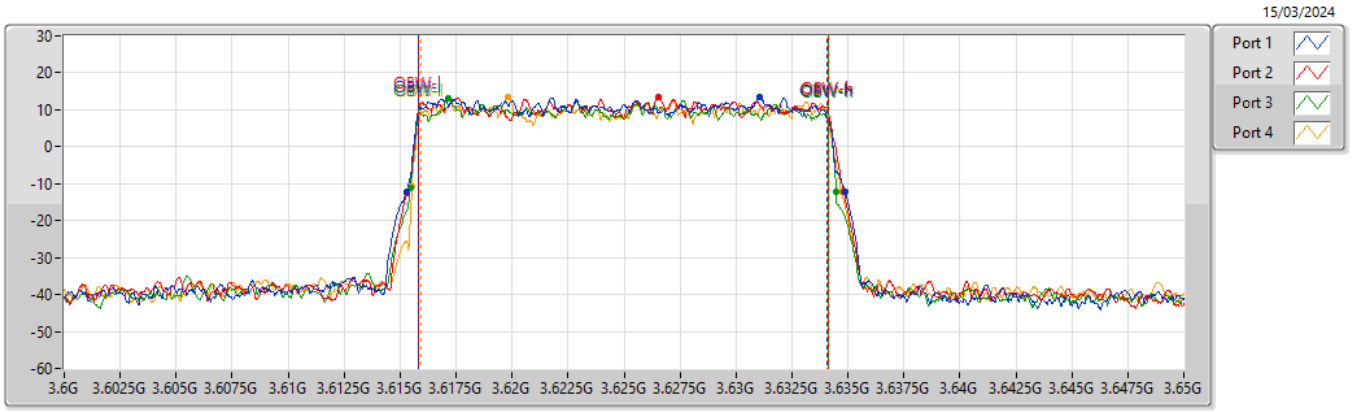
3560MHz_CP-OFDM_QPSK_Outer_Full



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)
19.65M	3.55005G	3.5697G	18.313M	3.550803G	3.569115G	1	3.56G	50M	300k	1M
19.5M	3.5501G	3.5696G	18.149M	3.550917G	3.569067G	2	3.56G	50M	300k	1M
19.475M	3.550125G	3.5696G	18.235M	3.550864G	3.569099G	3	3.56G	50M	300k	1M
19.425M	3.5504G	3.569825G	18.219M	3.550877G	3.569096G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

3625MHz_CP-OFDM_QPSK_Outer_Full

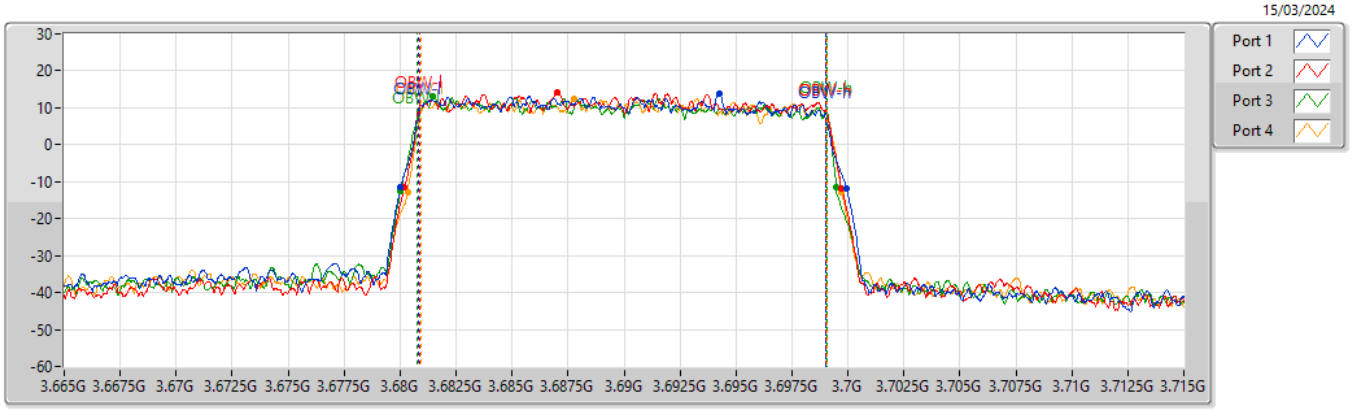


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.6M	3.615275G	3.634875G	18.232M	3.615841G	3.634073G	1	3.625G	50M	300k	1M
19.525M	3.6153G	3.634825G	18.311M	3.615831G	3.634142G	2	3.625G	50M	300k	1M
19.025M	3.61545G	3.634475G	18.271M	3.61584G	3.634111G	3	3.625G	50M	300k	1M
19.2M	3.615525G	3.634725G	18.168M	3.615907G	3.634075G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

EBW

3690MHz_CP-OFDM_QPSK_Outer_Full

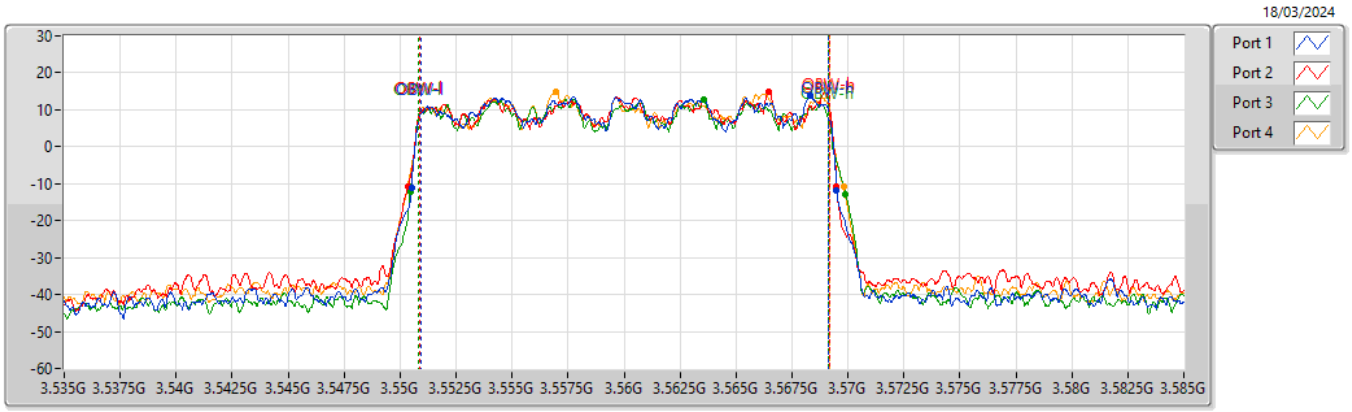


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.9M	3.680025G	3.699925G	18.15M	3.680834G	3.698984G	1	3.69G	50M	300k	1M
19.525M	3.6802G	3.699725G	18.188M	3.680847G	3.699034G	2	3.69G	50M	300k	1M
19.45M	3.680025G	3.699475G	18.276M	3.680788G	3.699063G	3	3.69G	50M	300k	1M
19.4M	3.680325G	3.699725G	18.188M	3.680906G	3.699094G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

EBW

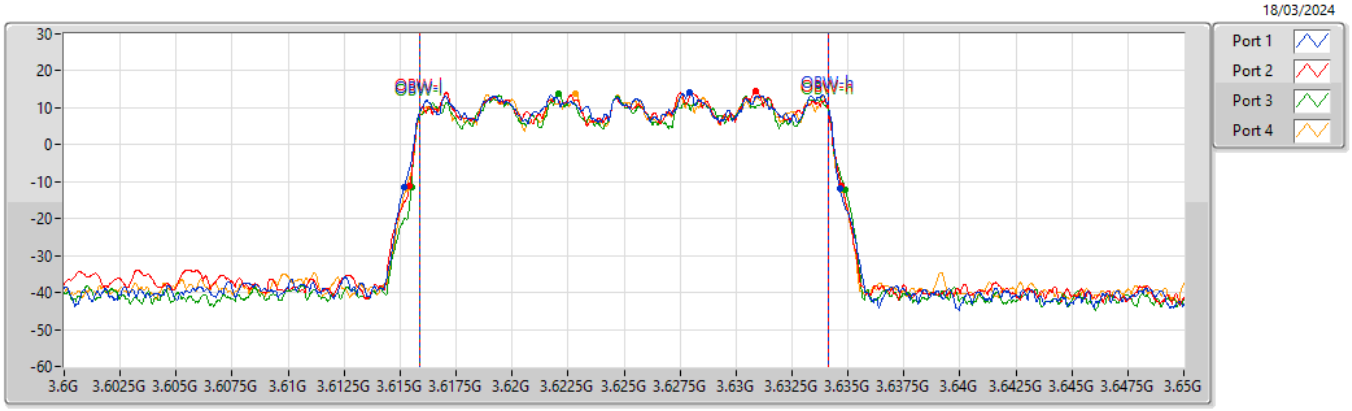
3560MHz_CP-OFDM_16QAM_Outer_Full



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)
19M	3.5505G	3.5695G	18.23M	3.550904G	3.569134G	1	3.56G	50M	300k	1M
19.15M	3.55035G	3.5695G	18.314M	3.55087G	3.569184G	2	3.56G	50M	300k	1M
19.45M	3.55045G	3.5699G	18.29M	3.550839G	3.569129G	3	3.56G	50M	300k	1M
19.45M	3.55035G	3.5698G	18.284M	3.55088G	3.569164G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

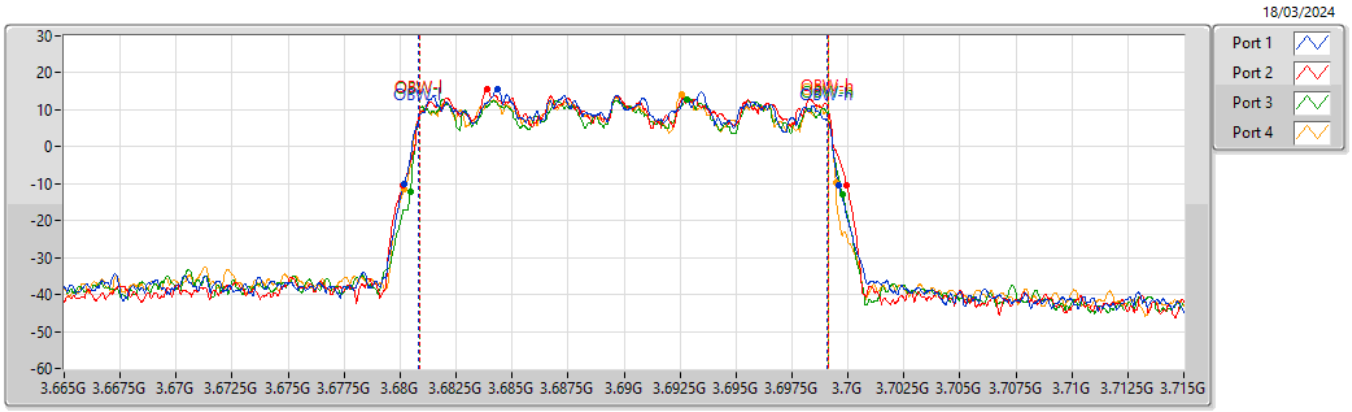
3625MHz_CP-OFDM_16QAM_Outer_Full



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)
19.475M	3.615175G	3.63465G	18.302M	3.615852G	3.634153G	1	3.625G	50M	300k	1M
19.275M	3.615425G	3.6347G	18.241M	3.61587G	3.634111G	2	3.625G	50M	300k	1M
19.375M	3.6155G	3.634875G	18.263M	3.615872G	3.634135G	3	3.625G	50M	300k	1M
19.475M	3.615275G	3.63475G	18.239M	3.615896G	3.634135G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

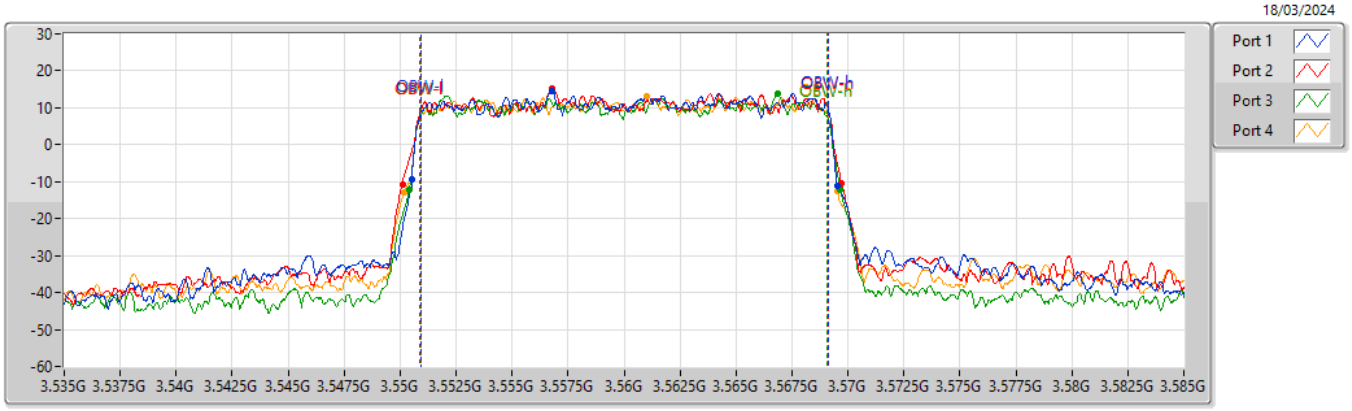
3690MHz_CP-OFDM_16QAM_Outer_Full



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)
19.425M	3.680175G	3.6996G	18.211M	3.680839G	3.699051G	1	3.69G	50M	300k	1M
19.8M	3.68015G	3.69995G	18.284M	3.680868G	3.699152G	2	3.69G	50M	300k	1M
19.3M	3.68045G	3.69975G	18.263M	3.680852G	3.699115G	3	3.69G	50M	300k	1M
19.275M	3.680175G	3.69945G	18.293M	3.680811G	3.699103G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

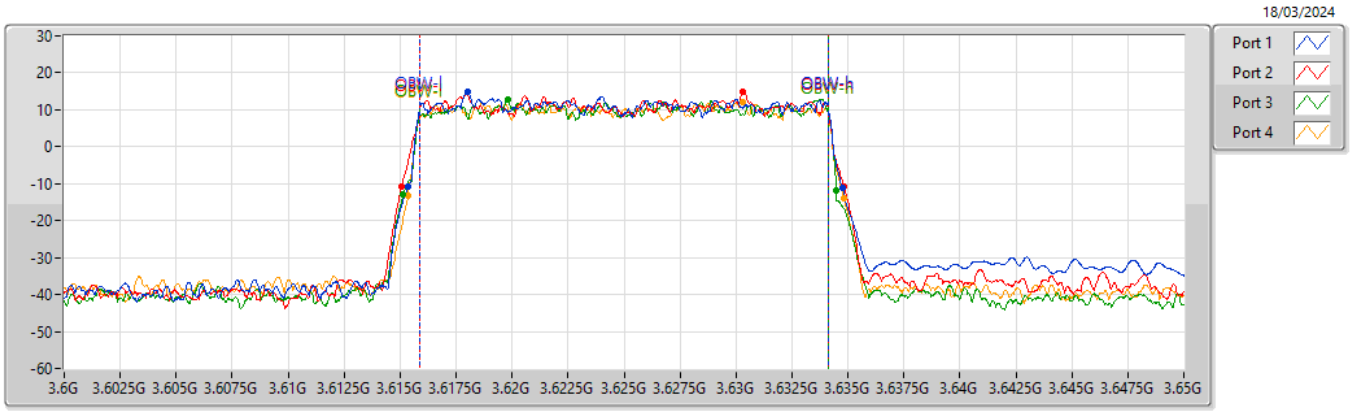
3560MHz_CP-OFDM_64QAM_Outer_Full



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)
19.025M	3.550525G	3.56955G	18.181M	3.550933G	3.569113G	1	3.56G	50M	300k	1M
19.625M	3.5501G	3.569725G	18.24M	3.550888G	3.569128G	2	3.56G	50M	300k	1M
19.275M	3.5504G	3.569675G	18.154M	3.550905G	3.569058G	3	3.56G	50M	300k	1M
19.375M	3.550175G	3.56955G	18.147M	3.550925G	3.569072G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

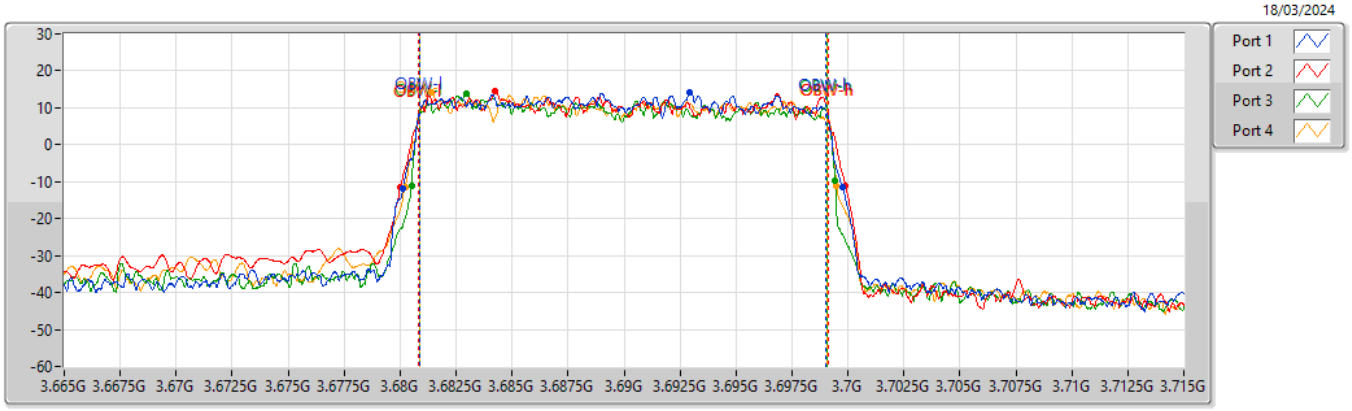
3625MHz_CP-OFDM_64QAM_Outer_Full



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)
19.375M	3.615375G	3.63475G	18.249M	3.615873G	3.634123G	1	3.625G	50M	300k	1M
19.75M	3.615075G	3.634825G	18.265M	3.615848G	3.634112G	2	3.625G	50M	300k	1M
19.325M	3.61515G	3.634475G	18.237M	3.615887G	3.634124G	3	3.625G	50M	300k	1M
19.475M	3.61535G	3.634825G	18.231M	3.615883G	3.634114G	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)
19.6M	3.68015G	3.69975G	18.136M	3.680894G	3.69903G	1	3.69G	50M	300k	1M
19.875M	3.680025G	3.6999G	18.27M	3.68084G	3.69911G	2	3.69G	50M	300k	1M
18.925M	3.6805G	3.699425G	18.166M	3.68089G	3.699055G	3	3.69G	50M	300k	1M
19.275M	3.680225G	3.6995G	18.222M	3.680851G	3.699073G	4	3.69G	50M	300k	1M

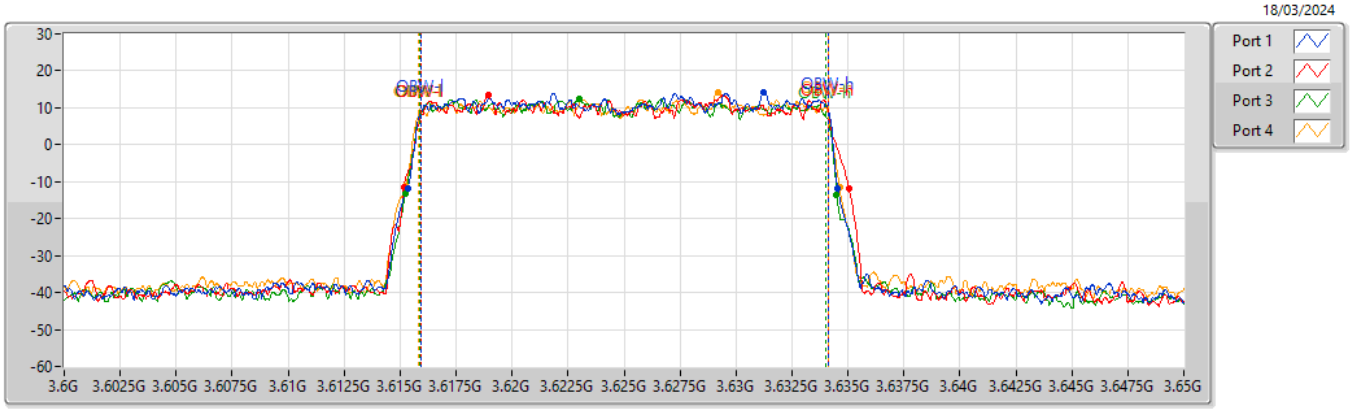
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

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)
19.575M	3.5502G	3.569775G	18.222M	3.550887G	3.569109G	1	3.56G	50M	300k	1M
19.5M	3.55035G	3.56985G	18.216M	3.550859G	3.569075G	2	3.56G	50M	300k	1M
19.525M	3.55035G	3.569875G	18.234M	3.550885G	3.569119G	3	3.56G	50M	300k	1M
19.525M	3.5502G	3.569725G	18.25M	3.550863G	3.569113G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

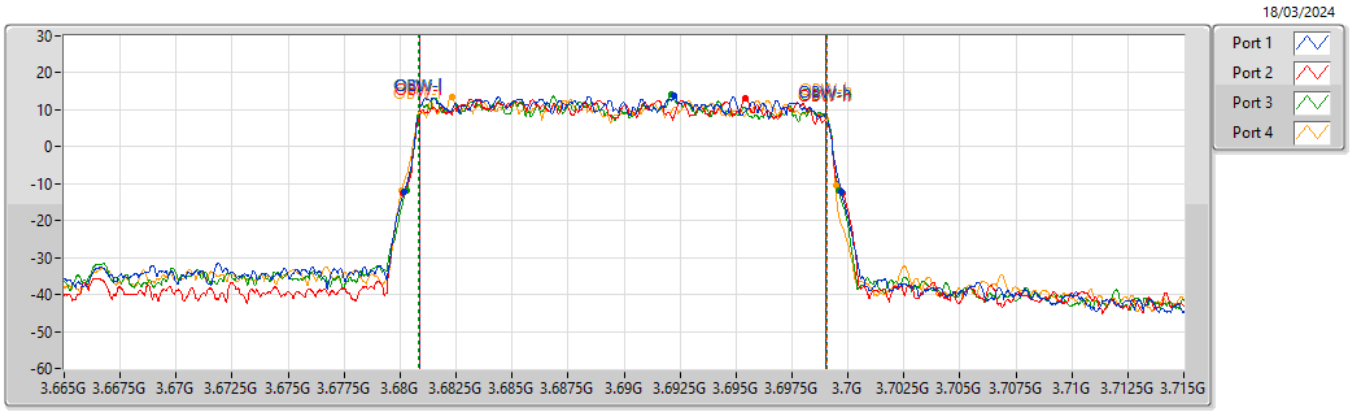
3625MHz_CP-OFDM_256QAM_Outer_Full



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)
19.225M	3.615325G	3.63455G	18.19M	3.615919G	3.634109G	1	3.625G	50M	300k	1M
19.875M	3.615175G	3.63505G	18.229M	3.615924G	3.634153G	2	3.625G	50M	300k	1M
19.25M	3.61525G	3.6345G	18.136M	3.615898G	3.634033G	3	3.625G	50M	300k	1M
19.375M	3.61525G	3.634625G	18.292M	3.615805G	3.634097G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

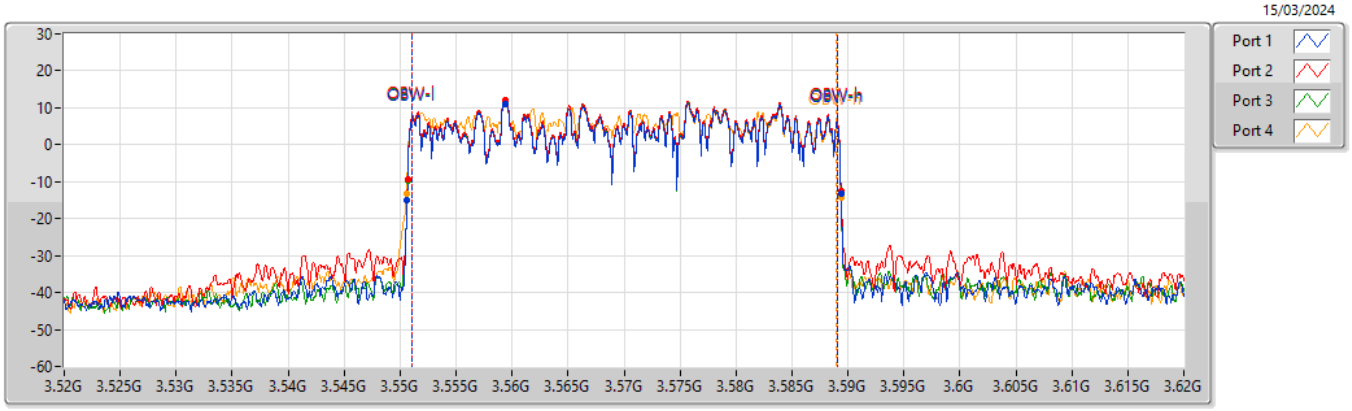
3690MHz_CP-OFDM_256QAM_Outer_Full



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)
19.525M	3.680175G	3.6997G	18.136M	3.680861G	3.698997G	1	3.69G	50M	300k	1M
19.625M	3.68015G	3.699775G	18.131M	3.680878G	3.699009G	2	3.69G	50M	300k	1M
19.325M	3.680275G	3.6996G	18.228M	3.68083G	3.699058G	3	3.69G	50M	300k	1M
19.375M	3.680075G	3.69945G	18.227M	3.680831G	3.699058G	4	3.69G	50M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

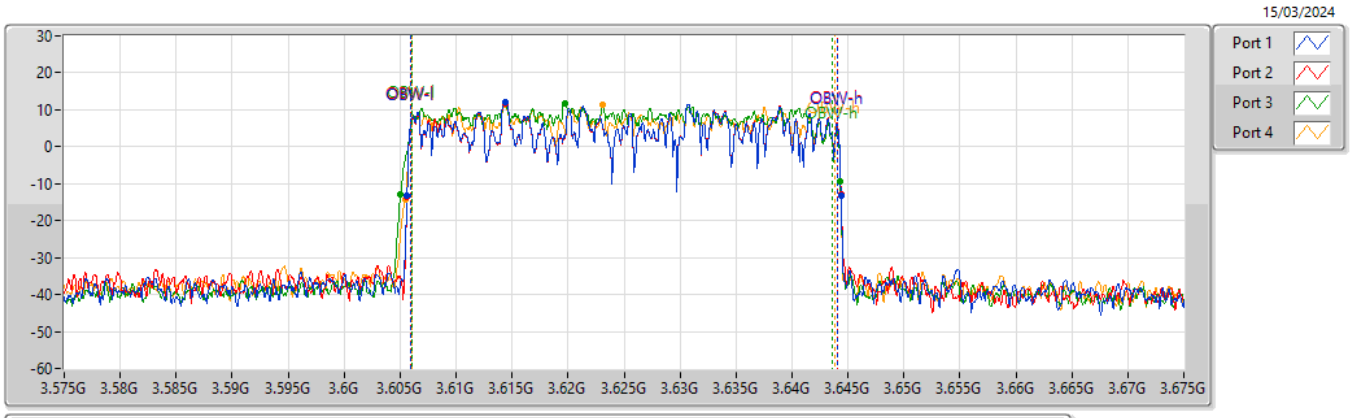
3570MHz_CP-OFDM_QPSK_Outer_Full



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)
38.8M	3.5506G	3.5894G	38.032M	3.551001G	3.589032G	1	3.57G	100M	300k	1M
38.75M	3.55065G	3.5894G	38.032M	3.550998G	3.58903G	2	3.57G	100M	300k	1M
38.75M	3.55065G	3.5894G	38.023M	3.551002G	3.589025G	3	3.57G	100M	300k	1M
38.85M	3.55055G	3.5894G	37.933M	3.551019G	3.588952G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

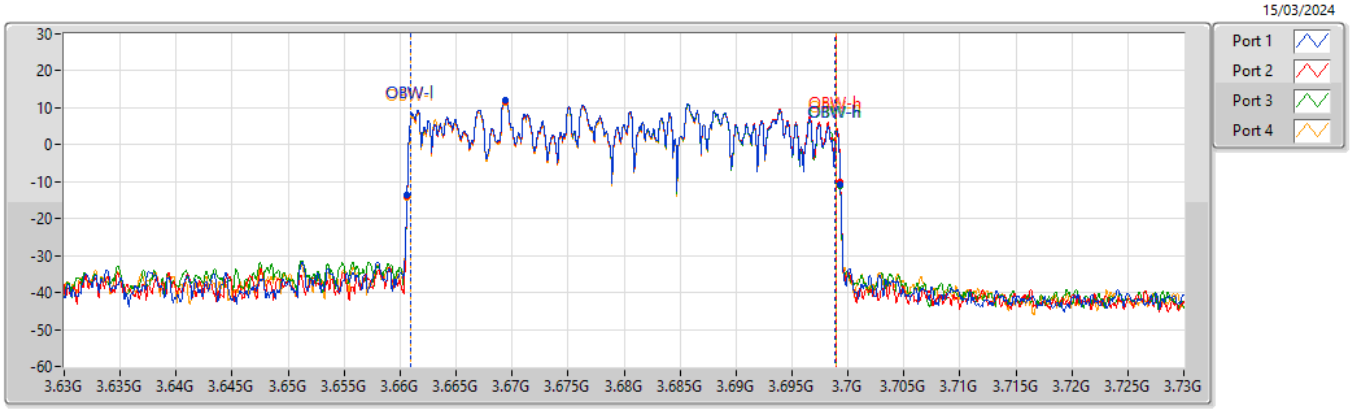
3625MHz_CP-OFDM_QPSK_Outer_Full



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)
38.8M	3.6056G	3.6444G	38.027M	3.60598G	3.644007G	1	3.625G	100M	300k	1M
38.8M	3.6056G	3.6444G	38.03M	3.605985G	3.644015G	2	3.625G	100M	300k	1M
39.3M	3.60505G	3.64435G	37.548M	3.606045G	3.643592G	3	3.625G	100M	300k	1M
38.9M	3.60545G	3.64435G	37.829M	3.606043G	3.643872G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX **EBW**

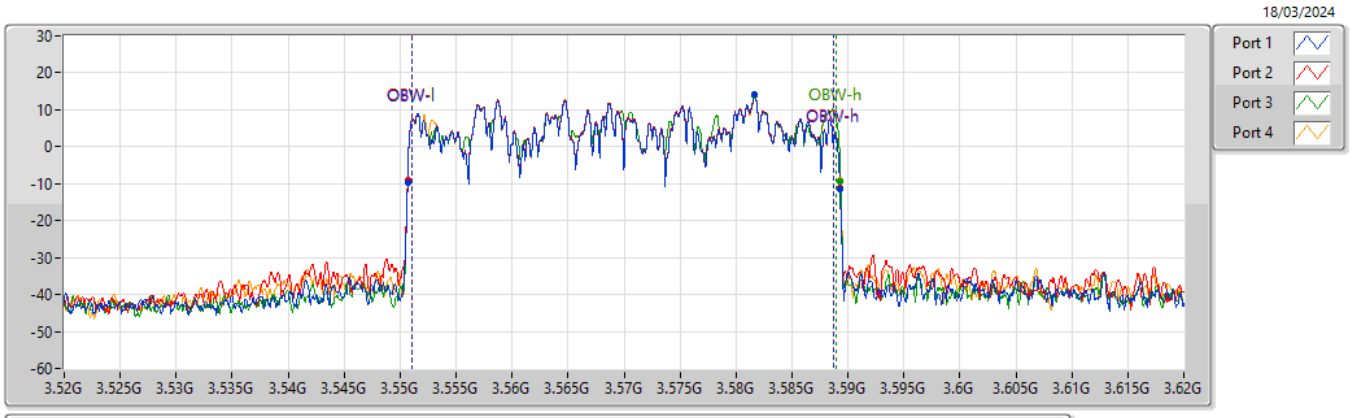
3680MHz_CP-OFDM_QPSK_Outer_Full



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)
38.75M	3.6606G	3.69935G	37.921M	3.660964G	3.698885G	1	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.989M	3.660966G	3.698955G	2	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.94M	3.660961G	3.698901G	3	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.967M	3.66097G	3.698937G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX **EBW**

3570MHz_CP-OFDM_16QAM_Outer_Full

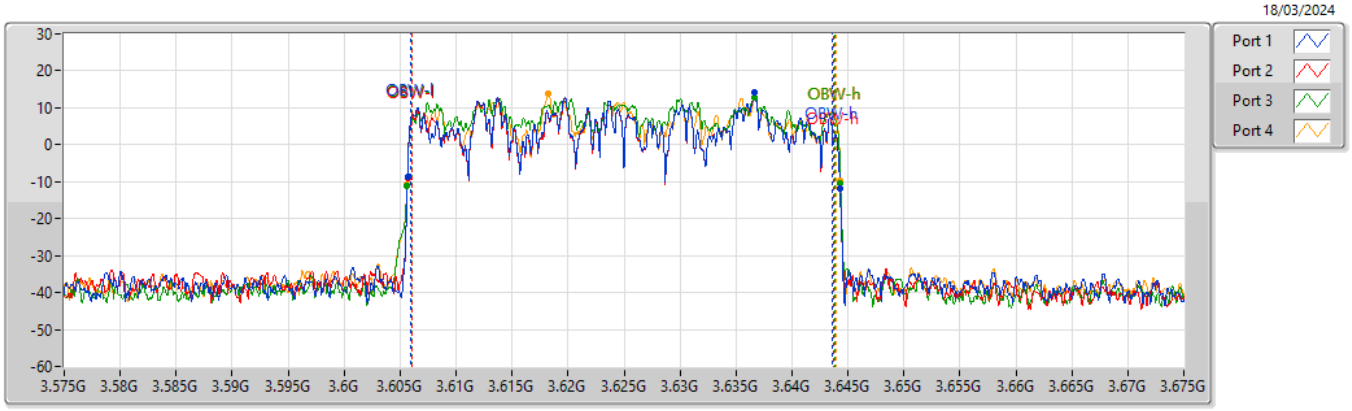


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
38.65M	3.55065G	3.5893G	37.734M	3.55102G	3.588753G	1	3.57G	100M	300k	1M
38.65M	3.55065G	3.5893G	37.728M	3.551021G	3.588749G	2	3.57G	100M	300k	1M
38.7M	3.55065G	3.58935G	37.928M	3.551044G	3.588972G	3	3.57G	100M	300k	1M
38.7M	3.55065G	3.58935G	37.936M	3.551039G	3.588975G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

EBW

3625MHz_CP-OFDM_16QAM_Outer_Full

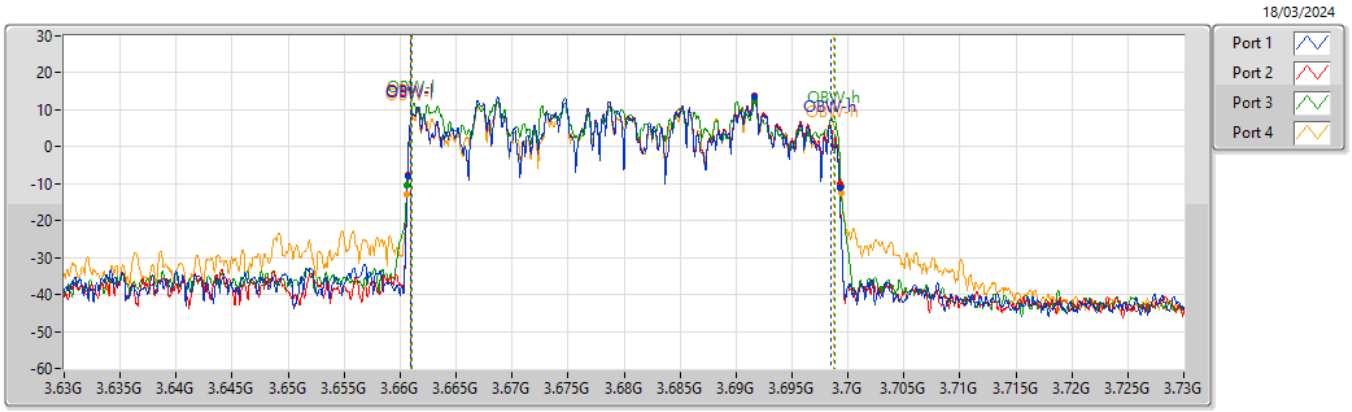


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
38.65M	3.60565G	3.6443G	37.654M	3.605995G	3.643649G	1	3.625G	100M	300k	1M
38.65M	3.60565G	3.6443G	37.692M	3.606007G	3.643699G	2	3.625G	100M	300k	1M
38.75M	3.6056G	3.64435G	37.719M	3.60611G	3.64383G	3	3.625G	100M	300k	1M
38.75M	3.6056G	3.64435G	37.856M	3.606065G	3.643921G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

EBW

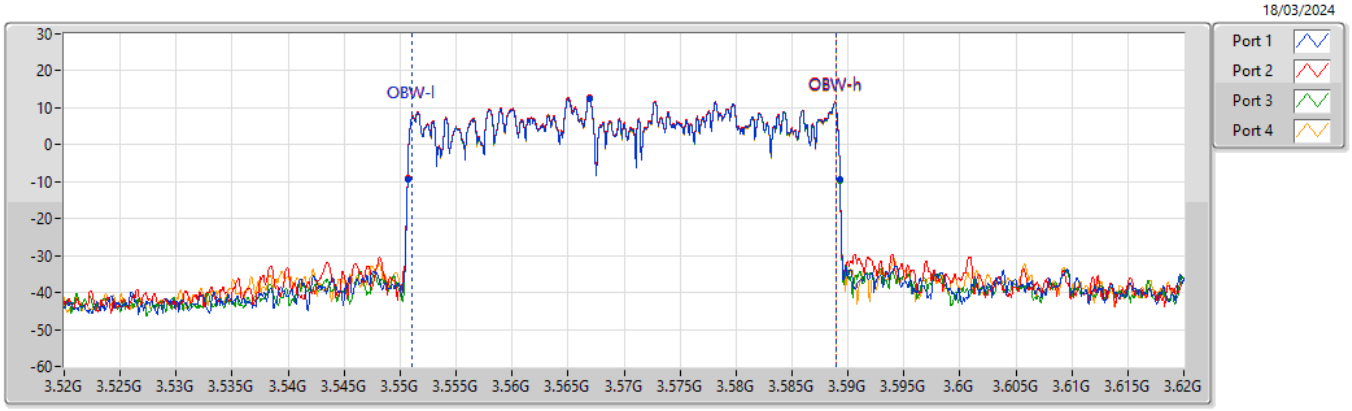
3680MHz_CP-OFDM_16QAM_Outer_Full



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)
38.6M	3.66065G	3.69925G	37.494M	3.660974G	3.698467G	1	3.68G	100M	300k	1M
38.6M	3.66065G	3.69925G	37.548M	3.660985G	3.698533G	2	3.68G	100M	300k	1M
38.8M	3.6606G	3.6994G	37.851M	3.661015G	3.698866G	3	3.68G	100M	300k	1M
38.85M	3.6606G	3.69945G	37.676M	3.660989G	3.698666G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

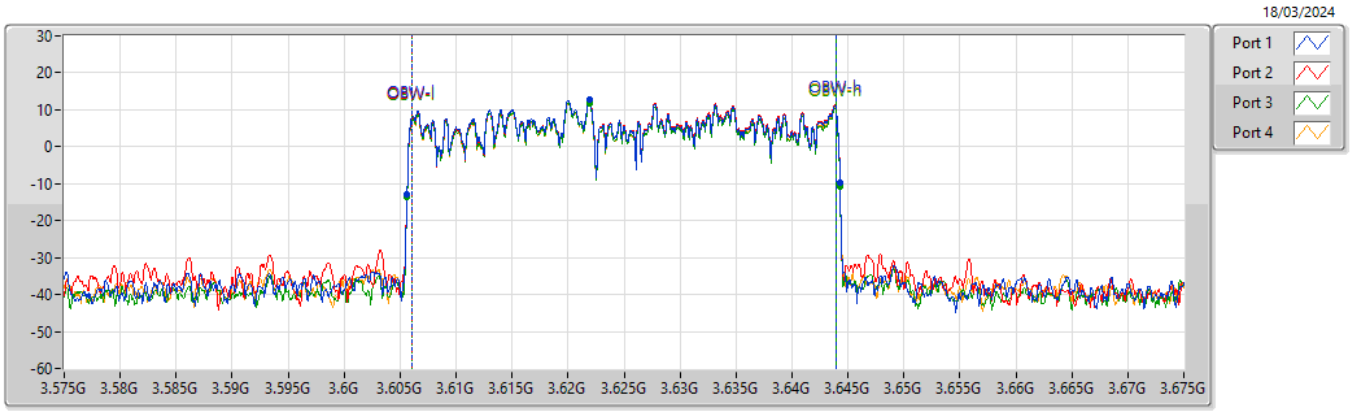
3570MHz_CP-OFDM_64QAM_Outer_Full



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)
38.65M	3.55065G	3.5893G	37.968M	3.551026G	3.588994G	1	3.57G	100M	300k	1M
38.65M	3.55065G	3.5893G	37.963M	3.551027G	3.58899G	2	3.57G	100M	300k	1M
38.65M	3.55065G	3.5893G	37.962M	3.551028G	3.58899G	3	3.57G	100M	300k	1M
38.65M	3.55065G	3.5893G	37.967M	3.551023G	3.58899G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

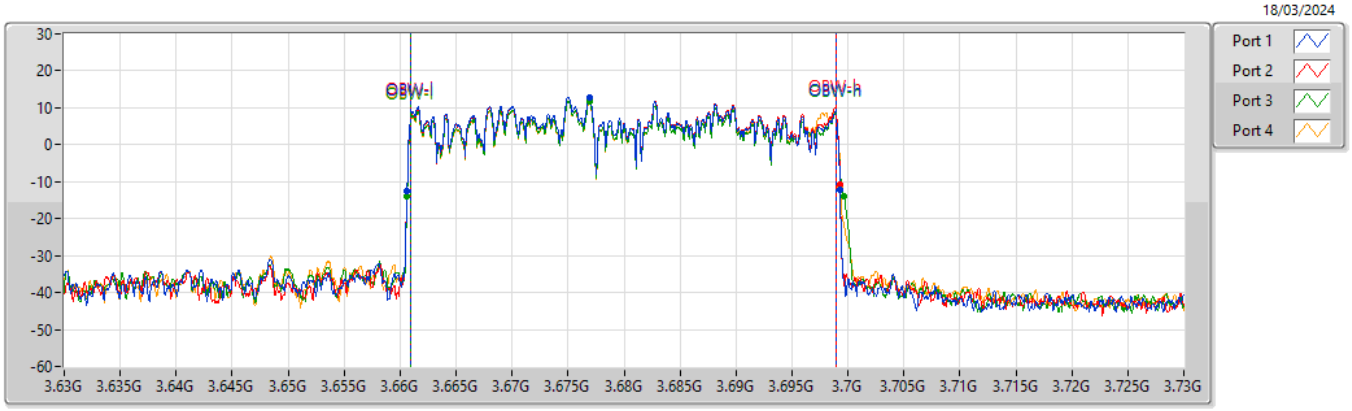
3625MHz_CP-OFDM_64QAM_Outer_Full



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)
38.7M	3.6056G	3.6443G	37.987M	3.605998G	3.643986G	1	3.625G	100M	300k	1M
38.7M	3.6056G	3.6443G	37.978M	3.60601G	3.643988G	2	3.625G	100M	300k	1M
38.7M	3.6056G	3.6443G	37.983M	3.605998G	3.643982G	3	3.625G	100M	300k	1M
38.7M	3.6056G	3.6443G	37.985M	3.606004G	3.643989G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX **EBW**

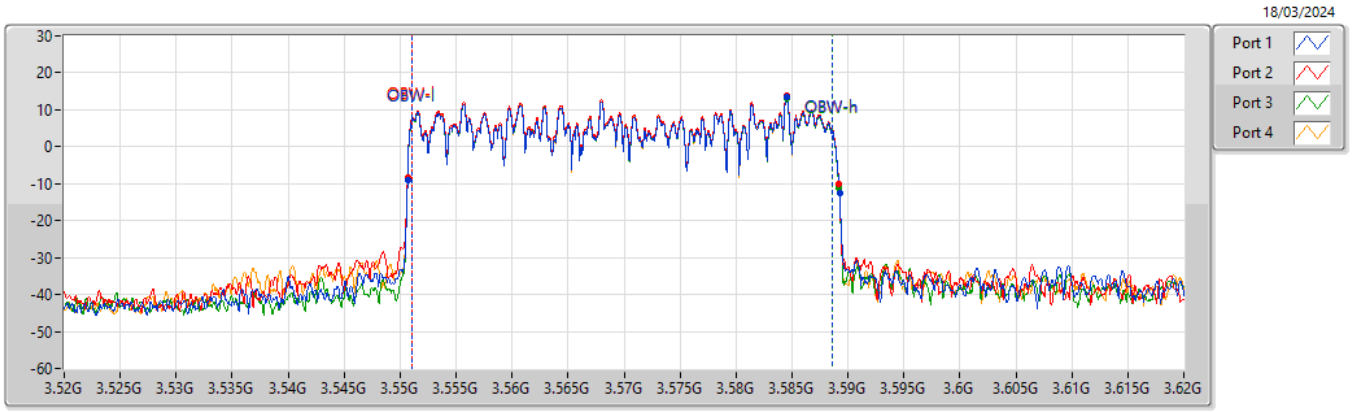
3680MHz_CP-OFDM_64QAM_Outer_Full



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)
38.7M	3.6606G	3.6993G	37.946M	3.66098G	3.698925G	1	3.68G	100M	300k	1M
38.7M	3.6606G	3.6993G	37.964M	3.66099G	3.698954G	2	3.68G	100M	300k	1M
39.05M	3.6606G	3.69965G	37.971M	3.660981G	3.698952G	3	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.974M	3.660991G	3.698965G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

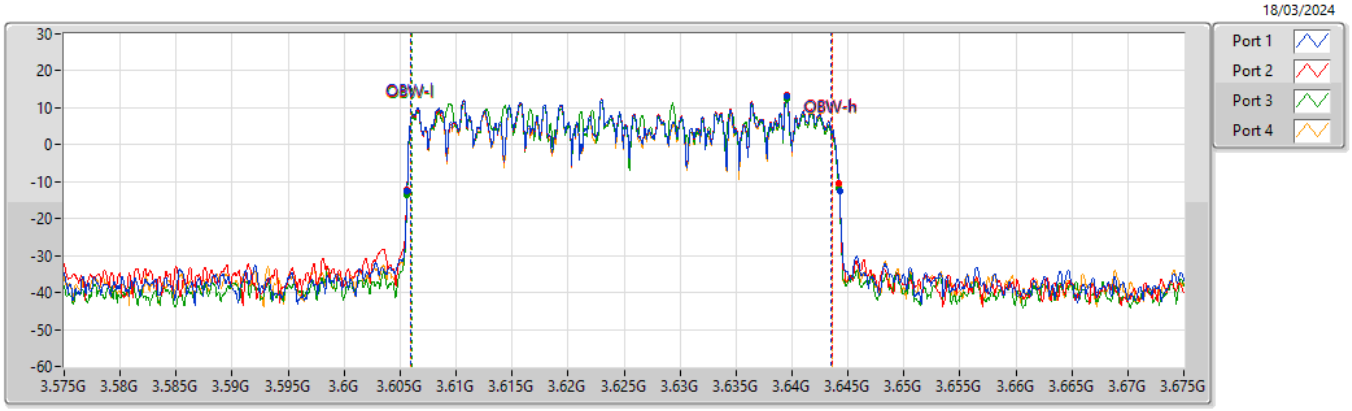
3570MHz_CP-OFDM_256QAM_Outer_Full



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)
38.6M	3.55065G	3.58925G	37.56M	3.55101G	3.58857G	1	3.57G	100M	300k	1M
38.55M	3.55065G	3.5892G	37.539M	3.551011G	3.58855G	2	3.57G	100M	300k	1M
38.55M	3.55065G	3.5892G	37.541M	3.551013G	3.588554G	3	3.57G	100M	300k	1M
38.55M	3.55065G	3.5892G	37.542M	3.551012G	3.588554G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX **EBW**

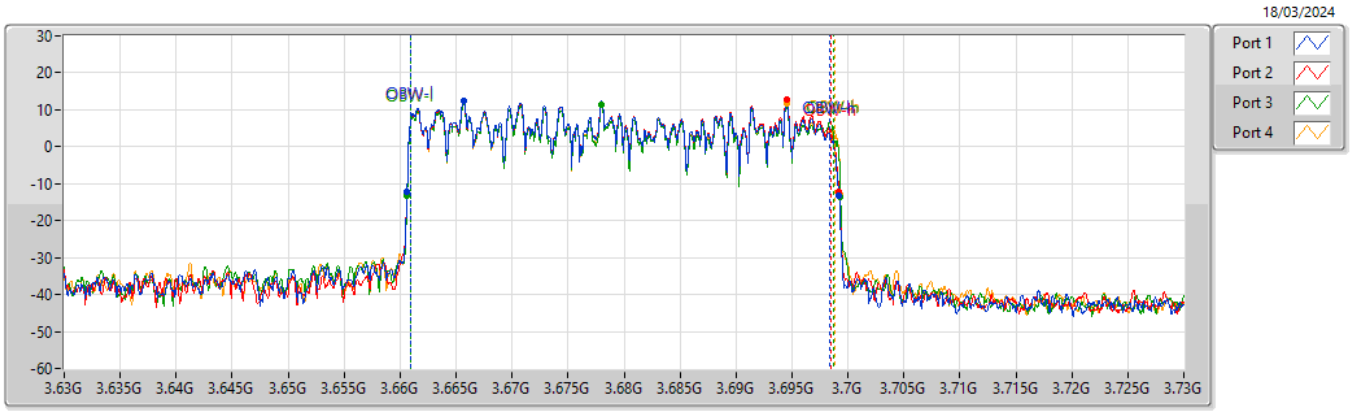
3625MHz_CP-OFDM_256QAM_Outer_Full



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)
38.65M	3.6056G	3.64425G	37.551M	3.605987G	3.643539G	1	3.625G	100M	300k	1M
38.6M	3.6056G	3.6442G	37.558M	3.605993G	3.643551G	2	3.625G	100M	300k	1M
38.6M	3.6056G	3.6442G	37.435M	3.606018G	3.643453G	3	3.625G	100M	300k	1M
38.6M	3.6056G	3.6442G	37.564M	3.605992G	3.643557G	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)
38.6M	3.6606G	3.6992G	37.379M	3.660968G	3.698347G	1	3.68G	100M	300k	1M
38.6M	3.6606G	3.6992G	37.459M	3.660977G	3.698436G	2	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.74M	3.66097G	3.69871G	3	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.849M	3.660974G	3.698823G	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_10MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.72G	4.2G	100k	300k	RMS	3.7205G	-41.06	-40.00	-1.06	MBW 1M	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-47.31	-40.00	-7.31	MBW 1M	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.64G	3.65G	100k	300k	RMS	3.6495G	-34.72	-25.00	-9.72	MBW 1M	-

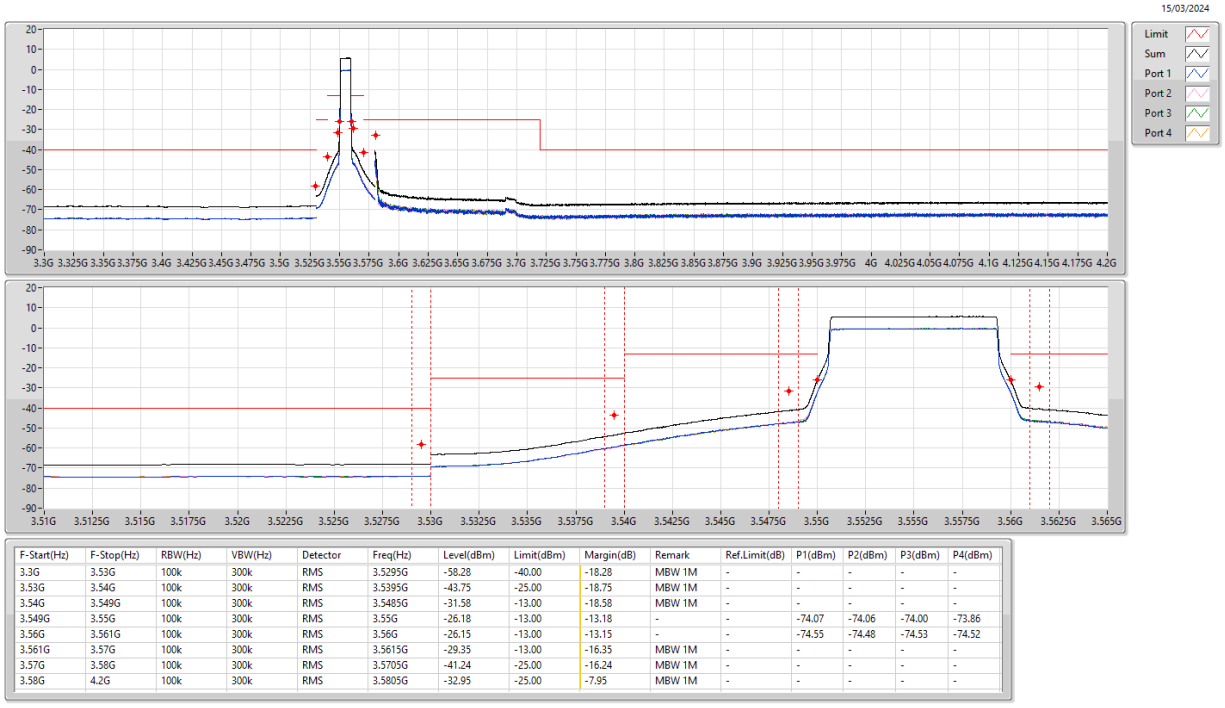
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-58.28	-40.00	-18.28	MBW 1M	-
3555MHz_Outer_Full	Pass	3.53G	3.54G	100k	300k	RMS	3.5395G	-43.75	-25.00	-18.75	MBW 1M	-
3555MHz_Outer_Full	Pass	3.54G	3.549G	100k	300k	RMS	3.5485G	-31.58	-13.00	-18.58	MBW 1M	-
3555MHz_Outer_Full	Pass	3.549G	3.55G	100k	300k	RMS	3.55G	-26.18	-13.00	-13.18	-	-
3555MHz_Outer_Full	Pass	3.56G	3.561G	100k	300k	RMS	3.56G	-26.15	-13.00	-13.15	-	-
3555MHz_Outer_Full	Pass	3.561G	3.57G	100k	300k	RMS	3.5615G	-29.35	-13.00	-16.35	MBW 1M	-
3555MHz_Outer_Full	Pass	3.57G	3.58G	100k	300k	RMS	3.5705G	-41.24	-25.00	-16.24	MBW 1M	-
3555MHz_Outer_Full	Pass	3.58G	4.2G	100k	300k	RMS	3.5805G	-32.95	-25.00	-7.95	MBW 1M	-
3625MHz_Outer_Full	Pass	3.3G	3.6G	100k	300k	RMS	3.3315G	-58.48	-40.00	-18.48	MBW 1M	-
3625MHz_Outer_Full	Pass	3.6G	3.61G	100k	300k	RMS	3.6095G	-41.13	-25.00	-16.13	MBW 1M	-
3625MHz_Outer_Full	Pass	3.61G	3.619G	100k	300k	RMS	3.6185G	-31.88	-13.00	-18.88	MBW 1M	-
3625MHz_Outer_Full	Pass	3.619G	3.62G	100k	300k	RMS	3.62G	-26.17	-13.00	-13.17	-	-
3625MHz_Outer_Full	Pass	3.63G	3.631G	100k	300k	RMS	3.63G	-26.71	-13.00	-13.71	-	-
3625MHz_Outer_Full	Pass	3.631G	3.64G	100k	300k	RMS	3.6315G	-30.04	-13.00	-17.04	MBW 1M	-
3625MHz_Outer_Full	Pass	3.64G	3.65G	100k	300k	RMS	3.6405G	-42.14	-25.00	-17.14	MBW 1M	-
3625MHz_Outer_Full	Pass	3.65G	4.2G	100k	300k	RMS	3.6505G	-35.54	-25.00	-10.54	MBW 1M	-
3695MHz_Outer_Full	Pass	3.3G	3.67G	100k	300k	RMS	3.3315G	-58.50	-40.00	-18.50	MBW 1M	-
3695MHz_Outer_Full	Pass	3.67G	3.68G	100k	300k	RMS	3.6795G	-38.90	-25.00	-13.90	MBW 1M	-
3695MHz_Outer_Full	Pass	3.68G	3.689G	100k	300k	RMS	3.6885G	-30.02	-13.00	-17.02	MBW 1M	-
3695MHz_Outer_Full	Pass	3.689G	3.69G	100k	300k	RMS	3.69G	-25.46	-13.00	-12.46	-	-
3695MHz_Outer_Full	Pass	3.7G	3.701G	100k	300k	RMS	3.7G	-28.66	-13.00	-15.66	-	-
3695MHz_Outer_Full	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-32.40	-13.00	-19.40	MBW 1M	-
3695MHz_Outer_Full	Pass	3.71G	3.72G	100k	300k	RMS	3.7105G	-49.61	-25.00	-24.61	MBW 1M	-
3695MHz_Outer_Full	Pass	3.72G	4.2G	100k	300k	RMS	3.7205G	-41.06	-40.00	-1.06	MBW 1M	-
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-47.31	-40.00	-7.31	MBW 1M	-
3560MHz_Outer_Full	Pass	3.53G	3.54G	100k	300k	RMS	3.5395G	-41.38	-25.00	-16.38	MBW 1M	-
3560MHz_Outer_Full	Pass	3.54G	3.549G	200k	500k	RMS	3.5485G	-40.46	-13.00	-27.46	MBW 1M	-
3560MHz_Outer_Full	Pass	3.549G	3.55G	200k	500k	RMS	3.55G	-30.25	-13.00	-17.25	-	-
3560MHz_Outer_Full	Pass	3.57G	3.571G	200k	500k	RMS	3.57G	-30.29	-13.00	-17.29	-	-
3560MHz_Outer_Full	Pass	3.571G	3.58G	100k	300k	RMS	3.5715G	-34.72	-13.00	-21.72	MBW 1M	-
3560MHz_Outer_Full	Pass	3.58G	3.59G	100k	300k	RMS	3.5805G	-39.24	-25.00	-14.24	MBW 1M	-
3560MHz_Outer_Full	Pass	3.59G	4.2G	100k	300k	RMS	3.5905G	-40.15	-25.00	-15.15	MBW 1M	-
3625MHz_Outer_Full	Pass	3.3G	3.595G	100k	300k	RMS	3.5945G	-41.26	-25.00	-16.26	MBW 1M	-
3625MHz_Outer_Full	Pass	3.595G	3.605G	100k	300k	RMS	3.6045G	-39.71	-25.00	-14.71	MBW 1M	-
3625MHz_Outer_Full	Pass	3.605G	3.614G	200k	500k	RMS	3.6125G	-41.34	-13.00	-28.34	MBW 1M	-
3625MHz_Outer_Full	Pass	3.614G	3.615G	200k	500k	RMS	3.615G	-29.59	-13.00	-16.59	-	-
3625MHz_Outer_Full	Pass	3.635G	3.636G	200k	500k	RMS	3.635G	-30.39	-13.00	-17.39	-	-
3625MHz_Outer_Full	Pass	3.636G	3.645G	100k	300k	RMS	3.6365G	-38.02	-13.00	-25.02	MBW 1M	-
3625MHz_Outer_Full	Pass	3.645G	3.655G	100k	300k	RMS	3.6455G	-42.17	-25.00	-17.17	MBW 1M	-
3625MHz_Outer_Full	Pass	3.655G	4.2G	100k	300k	RMS	3.6555G	-41.56	-25.00	-16.56	MBW 1M	-
3690MHz_Outer_Full	Pass	3.3G	3.66G	100k	300k	RMS	3.6595G	-37.20	-25.00	-12.20	MBW 1M	-
3690MHz_Outer_Full	Pass	3.66G	3.67G	100k	300k	RMS	3.6695G	-35.61	-25.00	-10.61	MBW 1M	-
3690MHz_Outer_Full	Pass	3.67G	3.679G	200k	500k	RMS	3.6785G	-36.92	-13.00	-23.92	MBW 1M	-
3690MHz_Outer_Full	Pass	3.679G	3.68G	200k	500k	RMS	3.68G	-28.79	-13.00	-15.79	-	-
3690MHz_Outer_Full	Pass	3.7G	3.701G	200k	500k	RMS	3.7G	-32.68	-13.00	-19.68	-	-
3690MHz_Outer_Full	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-35.90	-13.00	-22.90	MBW 1M	-
3690MHz_Outer_Full	Pass	3.71G	3.72G	100k	300k	RMS	3.7105G	-46.37	-25.00	-21.37	MBW 1M	-
3690MHz_Outer_Full	Pass	3.72G	4.2G	100k	300k	RMS	3.7205G	-52.15	-40.00	-12.15	MBW 1M	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-50.28	-40.00	-10.28	MBW 1M	-
3570MHz_Outer_Full	Pass	3.53G	3.54G	100k	300k	RMS	3.5395G	-38.96	-25.00	-13.96	MBW 1M	-
3570MHz_Outer_Full	Pass	3.54G	3.549G	500k	1M	RMS	3.5485G	-42.17	-13.00	-29.17	MBW 1M	-
3570MHz_Outer_Full	Pass	3.549G	3.55G	500k	1M	RMS	3.55G	-33.88	-13.00	-20.88	-	-
3570MHz_Outer_Full	Pass	3.59G	3.591G	500k	1M	RMS	3.59G	-33.32	-13.00	-20.32	-	-
3570MHz_Outer_Full	Pass	3.591G	3.6G	100k	300k	RMS	3.5915G	-32.83	-13.00	-19.83	MBW 1M	-
3570MHz_Outer_Full	Pass	3.6G	3.61G	100k	300k	RMS	3.6005G	-36.04	-25.00	-11.04	MBW 1M	-
3570MHz_Outer_Full	Pass	3.61G	4.2G	100k	300k	RMS	3.6105G	-37.74	-25.00	-12.74	MBW 1M	-
3625MHz_Outer_Full	Pass	3.3G	3.585G	100k	300k	RMS	3.5845G	-36.65	-25.00	-11.65	MBW 1M	-
3625MHz_Outer_Full	Pass	3.585G	3.595G	100k	300k	RMS	3.5945G	-35.37	-25.00	-10.37	MBW 1M	-
3625MHz_Outer_Full	Pass	3.595G	3.604G	500k	1M	RMS	3.6035G	-40.58	-13.00	-27.58	MBW 1M	-
3625MHz_Outer_Full	Pass	3.604G	3.605G	500k	1M	RMS	3.605G	-32.67	-13.00	-19.67	-	-
3625MHz_Outer_Full	Pass	3.645G	3.646G	500k	1M	RMS	3.645G	-33.30	-13.00	-20.30	-	-
3625MHz_Outer_Full	Pass	3.646G	3.655G	100k	300k	RMS	3.6465G	-32.54	-13.00	-19.54	MBW 1M	-
3625MHz_Outer_Full	Pass	3.655G	3.665G	100k	300k	RMS	3.6555G	-35.78	-25.00	-10.78	MBW 1M	-
3625MHz_Outer_Full	Pass	3.665G	4.2G	100k	300k	RMS	3.6655G	-37.48	-25.00	-12.48	MBW 1M	-
3680MHz_Outer_Full	Pass	3.3G	3.64G	100k	300k	RMS	3.6365G	-35.09	-25.00	-10.09	MBW 1M	-
3680MHz_Outer_Full	Pass	3.64G	3.65G	100k	300k	RMS	3.6495G	-34.72	-25.00	-9.72	MBW 1M	-

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)
3680MHz_Outer_Full	Pass	3.65G	3.659G	500k	1M	RMS	3.6585G	-39.16	-13.00	-26.16	MBW 1M	-
3680MHz_Outer_Full	Pass	3.659G	3.66G	500k	1M	RMS	3.66G	-32.34	-13.00	-19.34	-	-
3680MHz_Outer_Full	Pass	3.7G	3.701G	500k	1M	RMS	3.7G	-36.14	-13.00	-23.14	-	-
3680MHz_Outer_Full	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-34.00	-13.00	-21.00	MBW 1M	-
3680MHz_Outer_Full	Pass	3.71G	3.72G	100k	300k	RMS	3.7105G	-43.10	-25.00	-18.10	MBW 1M	-
3680MHz_Outer_Full	Pass	3.72G	4.2G	100k	300k	RMS	3.7205G	-53.35	-40.00	-13.35	MBW 1M	-

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

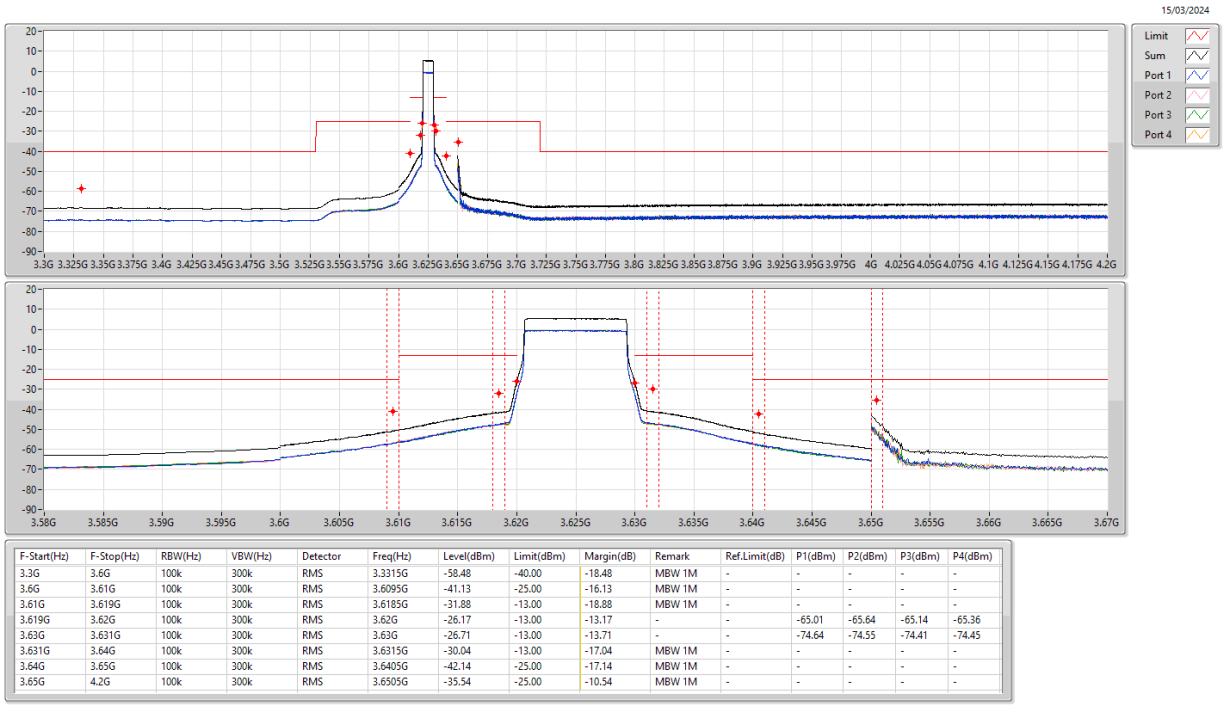
3555MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.53G	100k	300k	RMS	3.5295G	-58.28	-40.00	-18.28	MBW 1M	-	-	-	-	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-43.75	-25.00	-18.75	MBW 1M	-	-	-	-	-
3.54G	3.549G	100k	300k	RMS	3.5485G	-31.58	-13.00	-18.58	MBW 1M	-	-	-	-	-
3.549G	3.55G	100k	300k	RMS	3.55G	-26.18	-13.00	-13.18	-	-	-74.07	-74.06	-74.00	-73.86
3.56G	3.561G	100k	300k	RMS	3.56G	-26.15	-13.00	-13.15	-	-	-74.55	-74.48	-74.53	-74.52
3.561G	3.57G	100k	300k	RMS	3.5615G	-29.35	-13.00	-16.35	MBW 1M	-	-	-	-	-
3.57G	3.58G	100k	300k	RMS	3.5705G	-41.24	-25.00	-16.24	MBW 1M	-	-	-	-	-
3.58G	4.2G	100k	300k	RMS	3.5805G	-32.95	-25.00	-7.95	MBW 1M	-	-	-	-	-

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

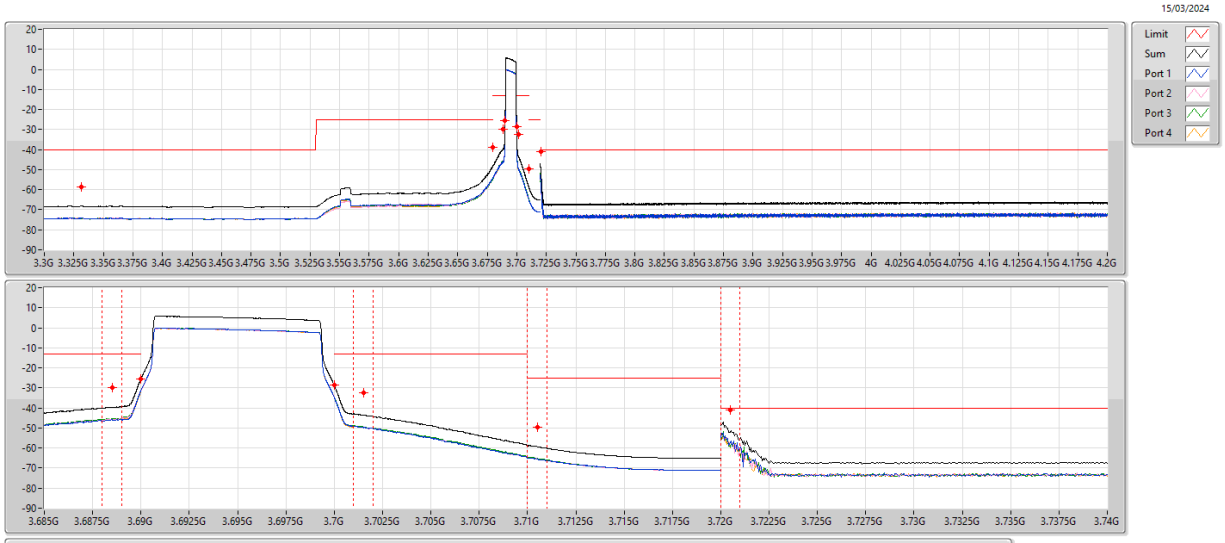
3625MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.6G	100k	300k	RMS	3.3315G	-58.48	-40.00	-18.48	MBW 1M	-	-	-	-	-
3.6G	3.61G	100k	300k	RMS	3.6095G	-41.13	-25.00	-16.13	MBW 1M	-	-	-	-	-
3.61G	3.619G	100k	300k	RMS	3.6185G	-31.88	-13.00	-18.88	MBW 1M	-	-	-	-	-
3.619G	3.62G	100k	300k	RMS	3.62G	-26.17	-13.00	-13.17	-	-	-65.01	-65.64	-65.14	-65.36
3.63G	3.631G	100k	300k	RMS	3.63G	-26.71	-13.00	-13.71	-	-	-74.64	-74.55	-74.41	-74.45
3.631G	3.64G	100k	300k	RMS	3.6315G	-30.04	-13.00	-17.04	MBW 1M	-	-	-	-	-
3.64G	3.65G	100k	300k	RMS	3.6405G	-42.14	-25.00	-17.14	MBW 1M	-	-	-	-	-
3.65G	4.2G	100k	300k	RMS	3.6505G	-35.54	-25.00	-10.54	MBW 1M	-	-	-	-	-

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

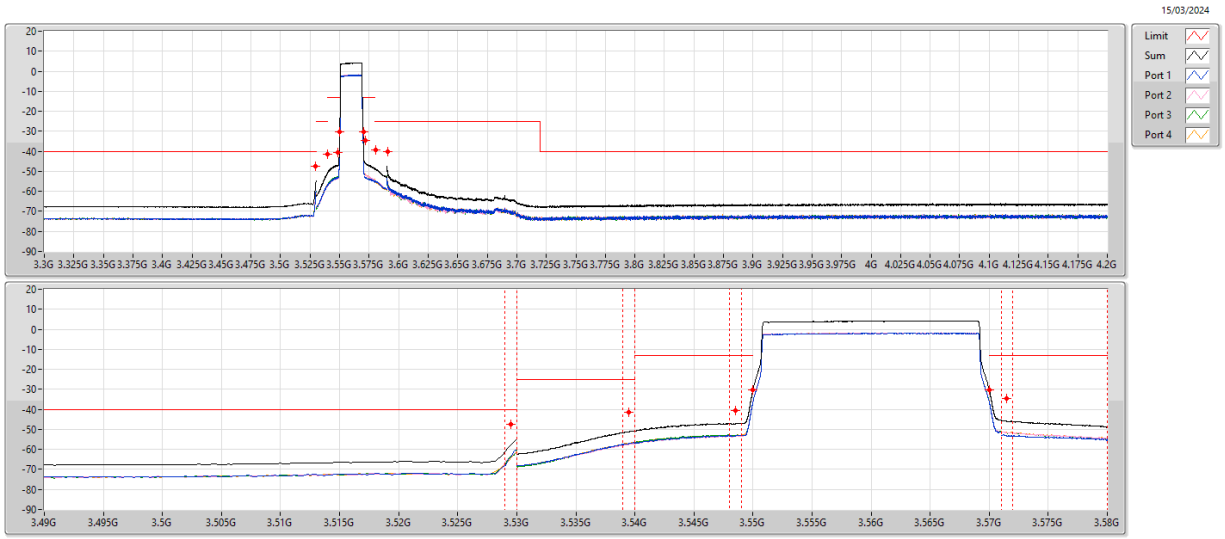
3695MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.67G	100k	300k	RMS	3.3315G	-58.50	-40.00	-18.50	MBW 1M	-	-	-	-	-
3.67G	3.68G	100k	300k	RMS	3.6795G	-38.90	-25.00	-13.90	MBW 1M	-	-	-	-	-
3.68G	3.689G	100k	300k	RMS	3.6885G	-30.02	-13.00	-17.02	MBW 1M	-	-	-	-	-
3.689G	3.69G	100k	300k	RMS	3.69G	-25.46	-13.00	-12.46	-	-	-61.87	-62.09	-62.55	-62.39
3.7G	3.701G	100k	300k	RMS	3.7G	-28.66	-13.00	-15.66	-	-	-74.48	-74.56	-74.62	-74.48
3.701G	3.71G	100k	300k	RMS	3.7015G	-32.40	-13.00	-19.40	MBW 1M	-	-	-	-	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-49.61	-25.00	-24.61	MBW 1M	-	-	-	-	-
3.72G	4.2G	100k	300k	RMS	3.7205G	-41.06	-40.00	-1.06	MBW 1M	-	-	-	-	-

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

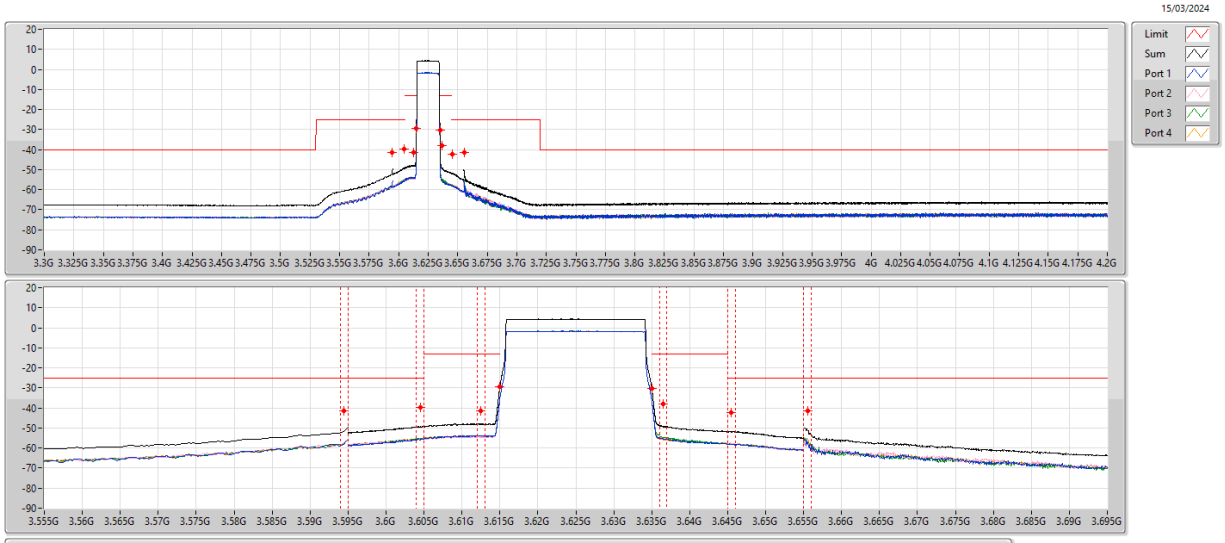
3560MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.53G	100k	300k	RMS	3.5295G	-47.31	-40.00	-7.31	MBW 1M	-	-	-	-	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-41.38	-25.00	-16.38	MBW 1M	-	-	-	-	-
3.54G	3.549G	200k	500k	RMS	3.5485G	-40.46	-13.00	-27.46	MBW 1M	-	-	-	-	-
3.549G	3.55G	200k	500k	RMS	3.55G	-30.25	-13.00	-17.25	-	-	-60.08	-60.95	-60.41	-61.07
3.57G	3.571G	200k	500k	RMS	3.57G	-30.29	-13.00	-17.29	-	-	-73.62	-73.68	-73.71	-73.73
3.571G	3.58G	100k	300k	RMS	3.5715G	-34.72	-13.00	-21.72	MBW 1M	-	-	-	-	-
3.58G	3.59G	100k	300k	RMS	3.5805G	-39.24	-25.00	-14.24	MBW 1M	-	-	-	-	-
3.59G	4.2G	100k	300k	RMS	3.5905G	-40.15	-25.00	-15.15	MBW 1M	-	-	-	-	-

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

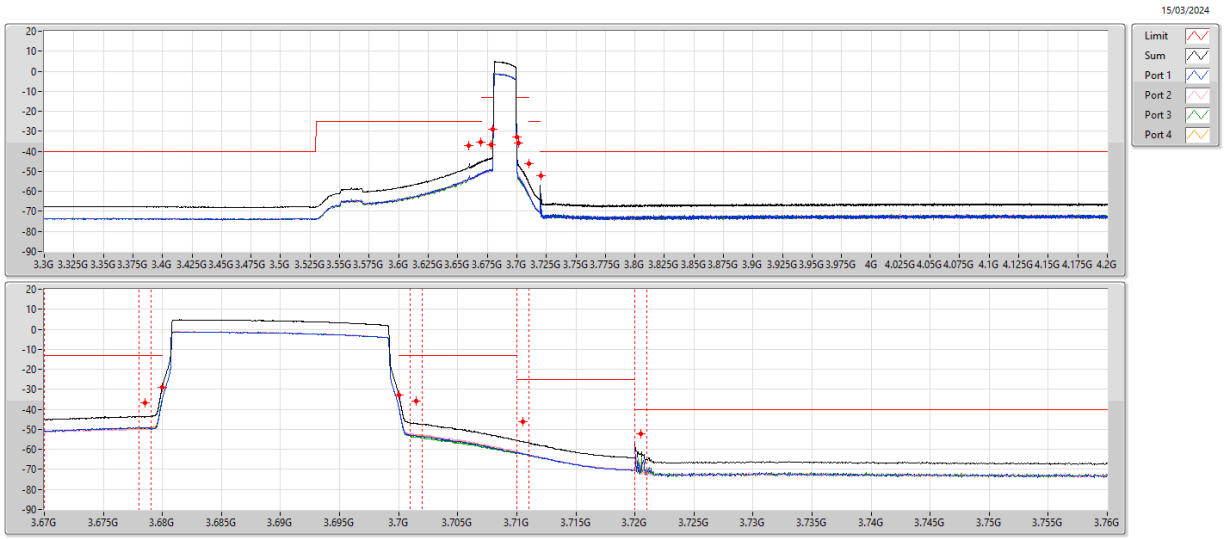
3625MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.595G	100k	300k	RMS	3.5945G	-41.26	-25.00	-16.26	MBW 1M	-	-	-	-	-
3.595G	3.605G	100k	300k	RMS	3.6045G	-39.71	-25.00	-14.71	MBW 1M	-	-	-	-	-
3.605G	3.614G	200k	500k	RMS	3.6125G	-41.34	-13.00	-28.34	MBW 1M	-	-	-	-	-
3.614G	3.615G	200k	500k	RMS	3.615G	-29.59	-13.00	-16.59	-	-	-55.62	-55.84	-55.51	-55.71
3.635G	3.636G	200k	500k	RMS	3.635G	-30.39	-13.00	-17.39	-	-	-73.75	-73.56	-73.66	-73.77
3.636G	3.645G	100k	300k	RMS	3.6365G	-38.02	-13.00	-25.02	MBW 1M	-	-	-	-	-
3.645G	3.655G	100k	300k	RMS	3.6455G	-42.17	-25.00	-17.17	MBW 1M	-	-	-	-	-
3.655G	4.2G	100k	300k	RMS	3.6555G	-41.56	-25.00	-16.56	MBW 1M	-	-	-	-	-

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

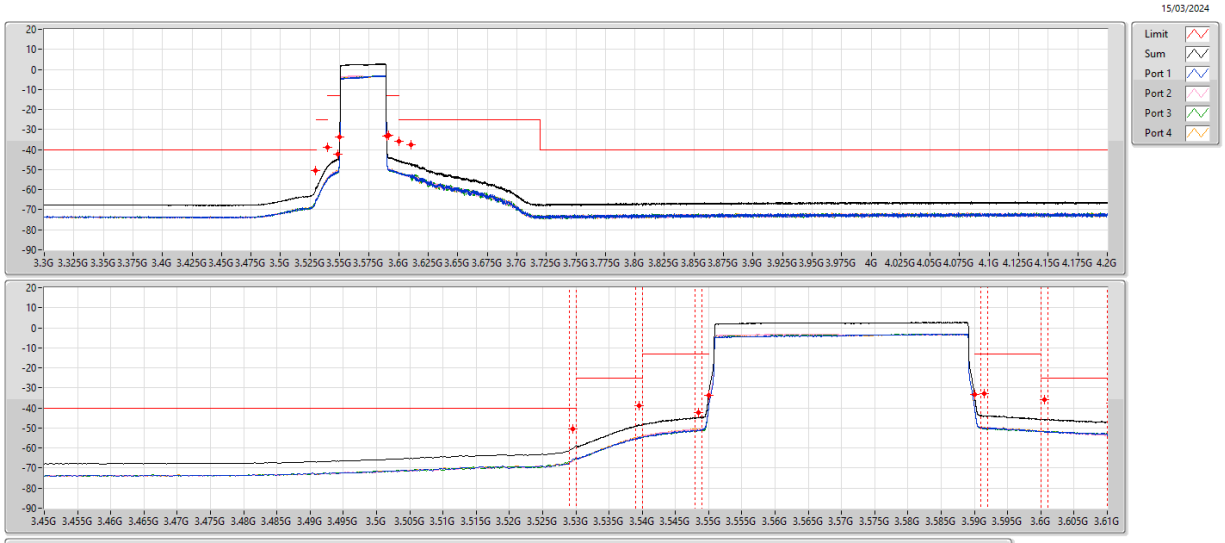
3690MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.66G	100k	300k	RMS	3.6595G	-37.20	-25.00	-12.20	MBW 1M	-	-	-	-	-
3.66G	3.67G	100k	300k	RMS	3.6695G	-35.61	-25.00	-10.61	MBW 1M	-	-	-	-	-
3.67G	3.679G	200k	500k	RMS	3.6785G	-36.92	-13.00	-23.92	MBW 1M	-	-	-	-	-
3.679G	3.68G	200k	500k	RMS	3.68G	-28.79	-13.00	-15.79	-	-	-52.35	-52.83	-52.20	-52.24
3.7G	3.701G	200k	500k	RMS	3.7G	-32.68	-13.00	-19.68	-	-	-73.51	-73.75	-73.76	-73.88
3.701G	3.71G	100k	300k	RMS	3.7015G	-35.90	-13.00	-22.90	MBW 1M	-	-	-	-	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-46.37	-25.00	-21.37	MBW 1M	-	-	-	-	-
3.72G	4.2G	100k	300k	RMS	3.7205G	-52.15	-40.00	-12.15	MBW 1M	-	-	-	-	-

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

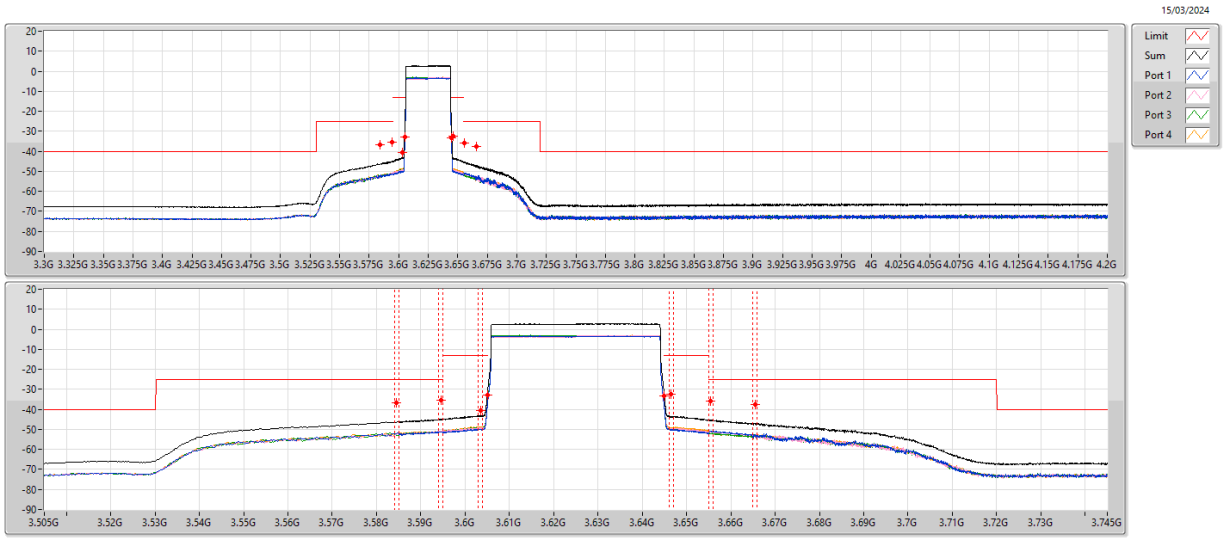
3570MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.53G	100k	300k	RMS	3.5295G	-50.28	-40.00	-10.28	MBW 1M	-	-	-	-	-
3.53G	3.54G	100k	300k	RMS	3.5395G	-38.96	-25.00	-13.96	MBW 1M	-	-	-	-	-
3.54G	3.549G	500k	1M	RMS	3.5485G	-42.17	-13.00	-29.17	MBW 1M	-	-	-	-	-
3.549G	3.55G	500k	1M	RMS	3.55G	-33.88	-13.00	-20.88	-	-	-64.71	-64.28	-64.93	-65.25
3.59G	3.591G	500k	1M	RMS	3.59G	-33.32	-13.00	-20.32	-	-	-73.68	-73.60	-73.75	-73.79
3.591G	3.6G	100k	300k	RMS	3.5915G	-32.83	-13.00	-19.83	MBW 1M	-	-	-	-	-
3.6G	3.61G	100k	300k	RMS	3.6005G	-36.04	-25.00	-11.04	MBW 1M	-	-	-	-	-
3.61G	4.2G	100k	300k	RMS	3.6105G	-37.74	-25.00	-12.74	MBW 1M	-	-	-	-	-

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

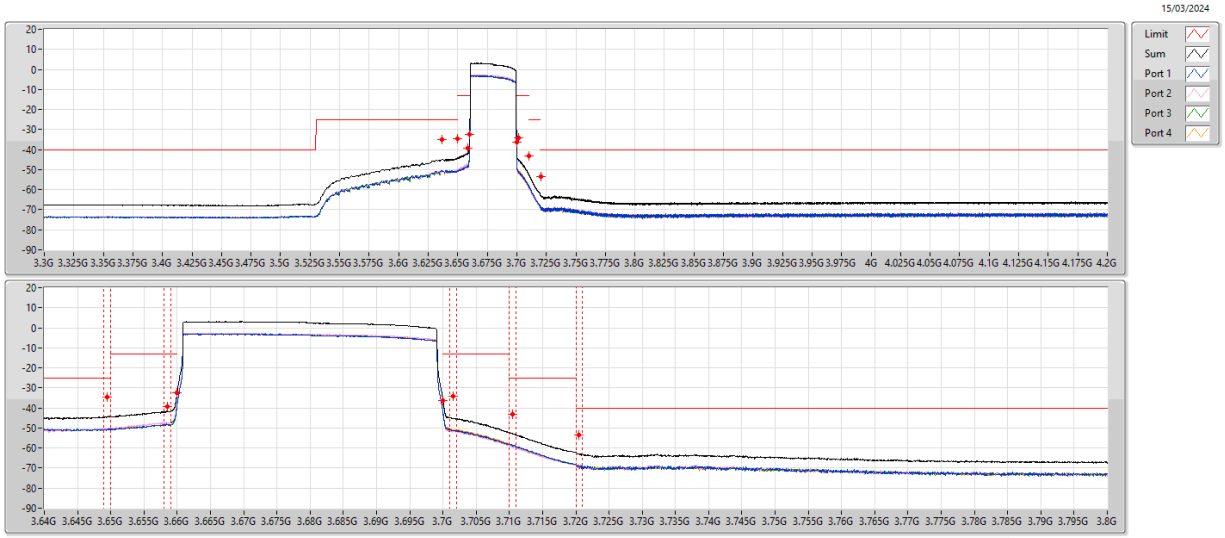
3625MHz_CP-OFDM_QPSK_Outer_Full



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)
3.3G	3.585G	100k	300k	RMS	3.5845G	-36.65	-25.00	-11.65	MBW 1M	-	-	-	-	-
3.585G	3.595G	100k	300k	RMS	3.5945G	-35.37	-25.00	-10.37	MBW 1M	-	-	-	-	-
3.595G	3.604G	500k	1M	RMS	3.6035G	-40.58	-13.00	-27.58	MBW 1M	-	-	-	-	-
3.604G	3.605G	500k	1M	RMS	3.605G	-32.67	-13.00	-19.67	-	-	-52.27	-52.10	-52.91	-52.28
3.645G	3.646G	500k	1M	RMS	3.645G	-33.30	-13.00	-20.30	-	-	-73.68	-73.67	-73.74	-73.65
3.646G	3.655G	100k	300k	RMS	3.6465G	-32.54	-13.00	-19.54	MBW 1M	-	-	-	-	-
3.655G	3.665G	100k	300k	RMS	3.6555G	-35.78	-25.00	-10.78	MBW 1M	-	-	-	-	-
3.665G	4.2G	100k	300k	RMS	3.6655G	-37.48	-25.00	-12.48	MBW 1M	-	-	-	-	-

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)
3.3G	3.64G	100k	300k	RMS	3.6365G	-35.09	-25.00	-10.09	MBW 1M	-	-	-	-	-
3.64G	3.65G	100k	300k	RMS	3.6495G	-34.72	-25.00	-9.72	MBW 1M	-	-	-	-	-
3.65G	3.659G	500k	1M	RMS	3.6585G	-39.16	-13.00	-26.16	MBW 1M	-	-	-	-	-
3.659G	3.66G	500k	1M	RMS	3.66G	-32.34	-13.00	-19.34	-	-	-50.44	-50.75	-50.95	-51.19
3.7G	3.701G	500k	1M	RMS	3.7G	-36.14	-13.00	-23.14	-	-	-73.60	-73.73	-73.60	-73.60
3.701G	3.71G	100k	300k	RMS	3.7015G	-34.00	-13.00	-21.00	MBW 1M	-	-	-	-	-
3.71G	3.72G	100k	300k	RMS	3.7105G	-43.10	-25.00	-18.10	MBW 1M	-	-	-	-	-
3.72G	4.2G	100k	300k	RMS	3.7205G	-53.35	-40.00	-13.35	MBW 1M	-	-	-	-	-

Summary

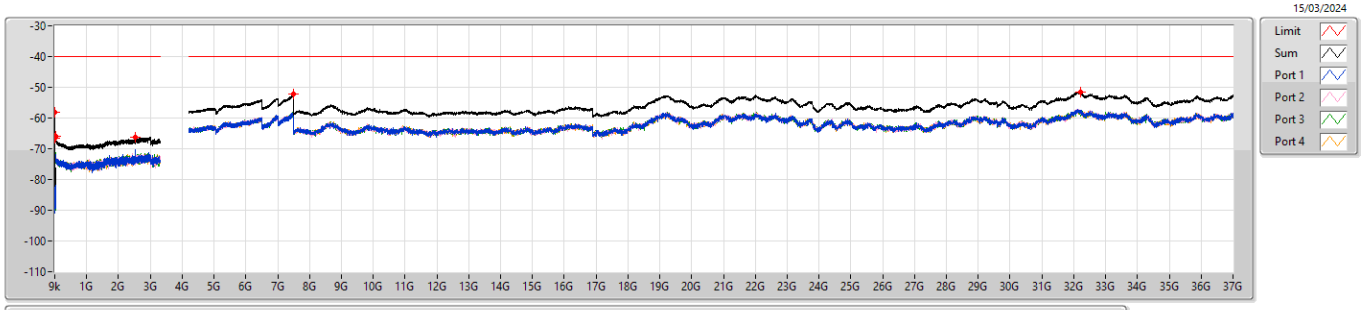
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48	-	-	-	-	-	-	-	-	-	-	-	-
NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	8G	37G	1M	3M	RMS	32.13525G	-51.40	-40.00	-11.40	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	8G	37G	1M	3M	RMS	32.128G	-51.45	-40.00	-11.45	-	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	8G	37G	1M	3M	RMS	32.099G	-51.46	-40.00	-11.46	-	-

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_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.427k	-58.28	-40.00	-18.28	-	-
3555MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-66.46	-40.00	-26.46	-	-
3555MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	34.85M	-66.06	-40.00	-26.06	-	-
3555MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.53065G	-66.11	-40.00	-26.11	-	-
3555MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4908G	-52.34	-40.00	-12.34	-	-
3555MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.20413G	-51.57	-40.00	-11.57	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-57.10	-40.00	-17.10	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-67.76	-40.00	-27.76	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	30M	-66.61	-40.00	-26.61	-	-
3625MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.94695G	-66.29	-40.00	-26.29	-	-
3625MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.49935G	-52.40	-40.00	-12.40	-	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.13525G	-51.40	-40.00	-11.40	-	-
3695MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-57.15	-40.00	-17.15	-	-
3695MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-65.18	-40.00	-25.18	-	-
3695MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	34.85M	-66.27	-40.00	-26.27	-	-
3695MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.5364G	-65.96	-40.00	-25.96	-	-
3695MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.49745G	-52.24	-40.00	-12.24	-	-
3695MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.0845G	-51.56	-40.00	-11.56	-	-
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-57.60	-40.00	-17.60	-	-
3560MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-65.91	-40.00	-25.91	-	-
3560MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	34.85M	-66.32	-40.00	-26.32	-	-
3560MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.97225G	-66.19	-40.00	-26.19	-	-
3560MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.48985G	-52.43	-40.00	-12.43	-	-
3560MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.128G	-51.45	-40.00	-11.45	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.004k	-55.67	-40.00	-15.67	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-66.95	-40.00	-26.95	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	32.91M	-66.53	-40.00	-26.53	-	-
3625MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.98835G	-66.05	-40.00	-26.05	-	-
3625MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4984G	-52.38	-40.00	-12.38	-	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.1135G	-51.58	-40.00	-11.58	-	-
3690MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-58.07	-40.00	-18.07	-	-
3690MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-65.72	-40.00	-25.72	-	-
3690MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	33.88M	-66.51	-40.00	-26.51	-	-
3690MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.98605G	-66.33	-40.00	-26.33	-	-
3690MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4832G	-52.45	-40.00	-12.45	-	-
3690MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.1135G	-51.50	-40.00	-11.50	-	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.991k	-58.22	-40.00	-18.22	-	-
3570MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-66.05	-40.00	-26.05	-	-
3570MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	32.91M	-66.43	-40.00	-26.43	-	-
3570MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.9872G	-66.34	-40.00	-26.34	-	-
3570MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.49935G	-52.38	-40.00	-12.38	-	-
3570MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.099G	-51.46	-40.00	-11.46	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-56.78	-40.00	-16.78	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-67.10	-40.00	-27.10	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	34.85M	-66.25	-40.00	-26.25	-	-
3625MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.9987G	-66.14	-40.00	-26.14	-	-
3625MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4927G	-52.46	-40.00	-12.46	-	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.1715G	-51.65	-40.00	-11.65	-	-
3680MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	128.85k	-57.19	-40.00	-17.19	-	-
3680MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-66.39	-40.00	-26.39	-	-
3680MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	33.88M	-66.43	-40.00	-26.43	-	-
3680MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.9987G	-65.83	-40.00	-25.83	-	-
3680MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.487G	-52.21	-40.00	-12.21	-	-
3680MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.13163G	-51.55	-40.00	-11.55	-	-

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

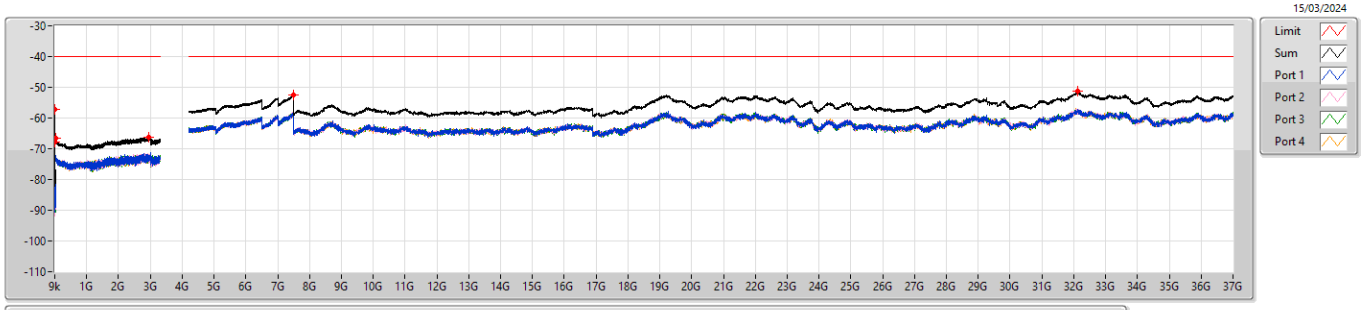
3555MHz_CP-OFDM_QPSK_Outer_Full



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	128.427k	-58.28	-40.00	-18.28	-	-	-62.52	-64.90	-69.00	-63.23
150k	30M	10k	30k	RMS	717.15k	-66.46	-40.00	-26.46	-	-	-73.23	-73.69	-80.84	-79.00
30M	1G	100k	300k	RMS	34.85M	-66.06	-40.00	-26.06	-	-	-73.04	-73.56	-76.10	-76.00
1G	3.3G	100k	300k	RMS	2.53065G	-66.11	-40.00	-26.11	-	-	-86.33	-84.01	-87.17	-85.07
4.2G	8G	1M	3M	RMS	7.4908G	-52.34	-40.00	-12.34	-	-	-74.17	-74.56	-75.20	-74.70
8G	37G	1M	3M	RMS	32.20413G	-51.57	-40.00	-11.57	-	-	-61.73	-62.04	-62.42	-62.00

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

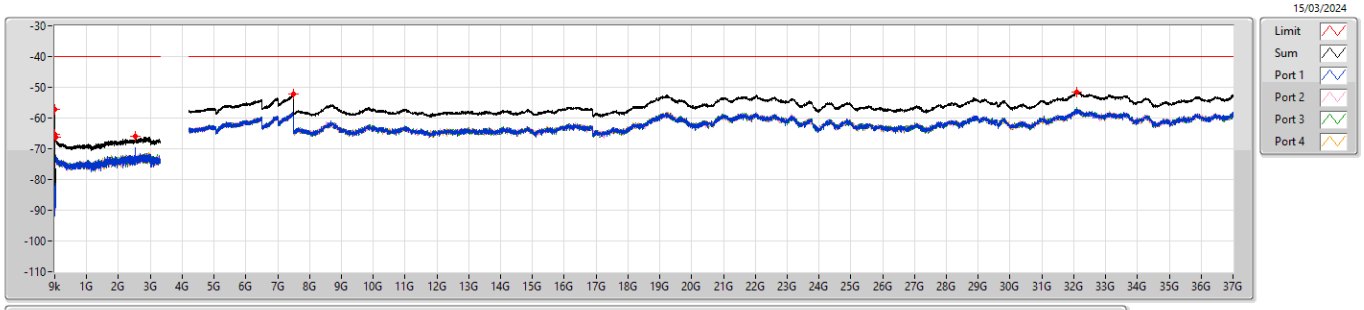
3625MHz_CP-OFDM_QPSK_Outer_Full



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	128.85k	-57.10	-40.00	-17.10	-	-	-61.65	-63.47	-64.04	-63.76
150k	30M	10k	30k	RMS	717.15k	-67.76	-40.00	-27.76	-	-	-75.22	-75.69	-75.60	-77.42
30M	1G	100k	300k	RMS	30M	-66.61	-40.00	-26.61	-	-	-74.68	-74.37	-72.04	-75.66
1G	3.3G	100k	300k	RMS	2.94695G	-66.29	-40.00	-26.29	-	-	-85.42	-83.98	-85.48	-84.54
4.2G	8G	1M	3M	RMS	7.49935G	-52.40	-40.00	-12.40	-	-	-75.61	-74.73	-74.44	-75.57
8G	37G	1M	3M	RMS	32.13525G	-51.40	-40.00	-11.40	-	-	-62.25	-62.25	-61.71	-62.44

Band n48_NR_10MHz_Nss4,CP-OFDM_QPSK_4TX **CSE-TX-Sum**

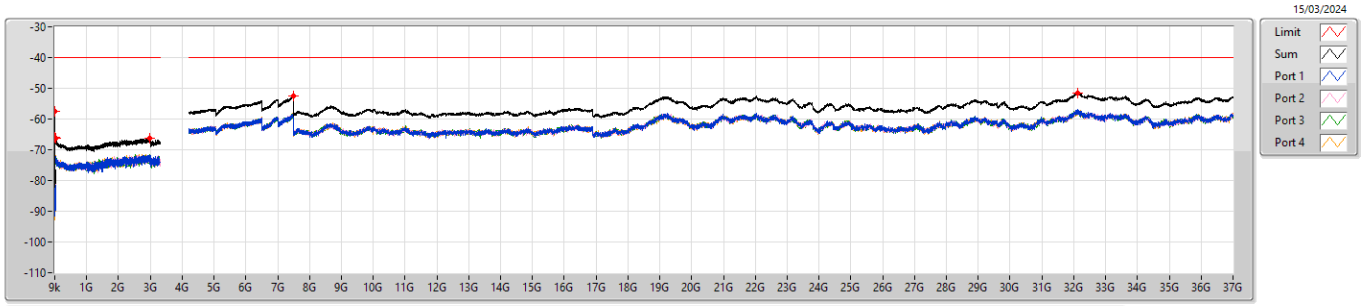
3695MHz_CP-OFDM_QPSK_Outer_Full



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	-57.15	-40.00	-17.15	-	-	-63.09	-61.98	-65.87	-62.66
150k	30M	10k	30k	RMS	717.15k	-65.18	-40.00	-25.18	-	-	-76.14	-75.36	-79.23	-77.70
30M	1G	100k	300k	RMS	34.85M	-66.27	-40.00	-26.27	-	-	-78.13	-75.50	-74.53	-72.50
1G	3.3G	100k	300k	RMS	2.5364G	-65.96	-40.00	-25.96	-	-	-86.17	-84.78	-84.97	-83.22
4.2G	8G	1M	3M	RMS	7.49745G	-52.24	-40.00	-12.24	-	-	-74.68	-76.07	-74.27	-76.62
8G	37G	1M	3M	RMS	32.0845G	-51.56	-40.00	-11.56	-	-	-62.81	-62.54	-62.44	-62.20

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

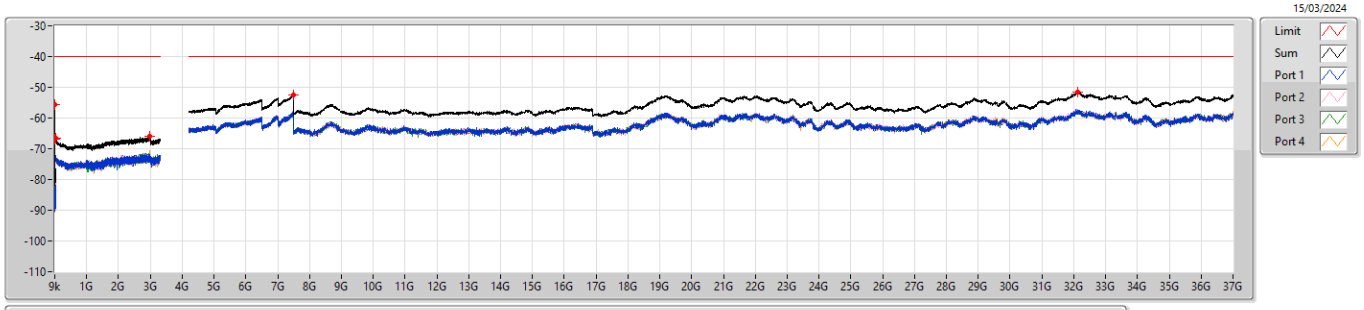
3560MHz_CP-OFDM_QPSK_Outer_Full



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	128.85k	-57.60	-40.00	-17.60	-	-	-65.25	-62.86	-63.47	-63.25
150k	30M	10k	30k	RMS	717.15k	-65.91	-40.00	-25.91	-	-	-78.16	-76.61	-75.02	-76.63
30M	1G	100k	300k	RMS	34.85M	-66.32	-40.00	-26.32	-	-	-77.83	-75.74	-72.51	-75.18
1G	3.3G	100k	300k	RMS	2.97225G	-66.19	-40.00	-26.19	-	-	-84.80	-84.70	-84.99	-85.00
4.2G	8G	1M	3M	RMS	7.48985G	-52.43	-40.00	-12.43	-	-	-75.29	-75.18	-76.04	-75.51
8G	37G	1M	3M	RMS	32.128G	-51.45	-40.00	-11.45	-	-	-62.17	-62.20	-62.52	-62.31

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

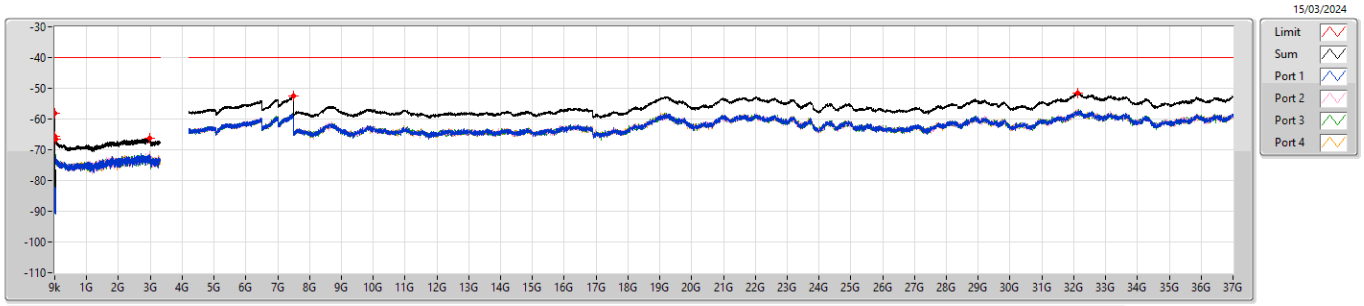
3625MHz_CP-OFDM_QPSK_Outer_Full



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	128.004k	-55.67	-40.00	-15.67	-	-	-65.58	-63.64	-59.28	-60.85
150k	30M	10k	30k	RMS	717.15k	-66.95	-40.00	-26.95	-	-	-78.41	-76.87	-75.09	-76.94
30M	1G	100k	300k	RMS	32.91M	-66.53	-40.00	-26.53	-	-	-74.26	-74.98	-77.28	-76.36
1G	3.3G	100k	300k	RMS	2.98835G	-66.05	-40.00	-26.05	-	-	-84.95	-83.90	-84.75	-84.26
4.2G	8G	1M	3M	RMS	7.4984G	-52.38	-40.00	-12.38	-	-	-75.59	-74.87	-73.77	-74.99
8G	37G	1M	3M	RMS	32.1135G	-51.58	-40.00	-11.58	-	-	-62.26	-62.34	-62.05	-62.44

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

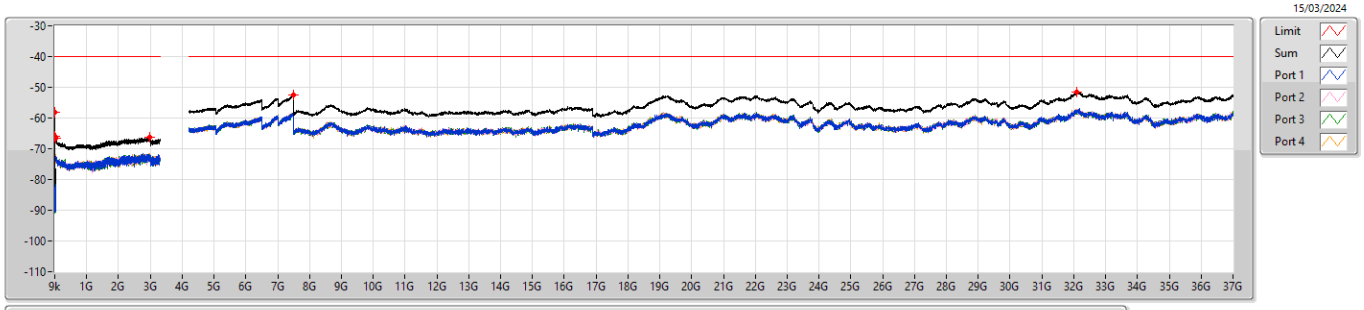
3690MHz_CP-OFDM_QPSK_Outer_Full



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	128.85k	-58.07	-40.00	-18.07	-	-	-65.15	-61.85	-67.14	-63.91
150k	30M	10k	30k	RMS	717.15k	-65.72	-40.00	-25.72	-	-	-76.07	-79.11	-79.08	-77.00
30M	1G	100k	300k	RMS	33.88M	-66.51	-40.00	-26.51	-	-	-76.71	-74.78	-76.70	-78.32
1G	3.3G	100k	300k	RMS	2.98605G	-66.33	-40.00	-26.33	-	-	-86.48	-87.30	-84.24	-85.47
4.2G	8G	1M	3M	RMS	7.4832G	-52.45	-40.00	-12.45	-	-	-75.65	-75.12	-74.08	-75.65
8G	37G	1M	3M	RMS	32.1135G	-51.50	-40.00	-11.50	-	-	-62.46	-62.41	-62.41	-62.24

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

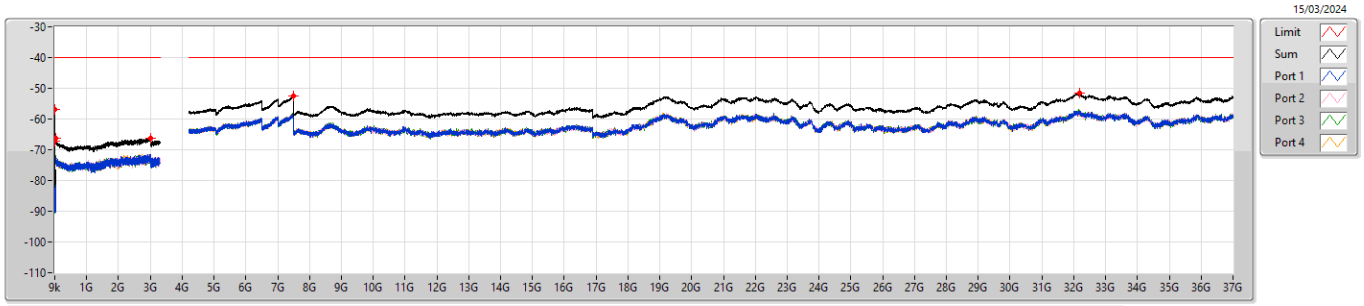
3570MHz_CP-OFDM_QPSK_Outer_Full



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	128.991k	-58.22	-40.00	-18.22	-	-	-63.47	-62.50	-64.82	-67.87
150k	30M	10k	30k	RMS	717.15k	-66.05	-40.00	-26.05	-	-	-77.76	-76.71	-75.74	-73.83
30M	1G	100k	300k	RMS	32.91M	-66.43	-40.00	-26.43	-	-	-75.87	-74.25	-73.21	-74.80
1G	3.3G	100k	300k	RMS	2.9872G	-66.34	-40.00	-26.34	-	-	-86.37	-85.60	-82.55	-83.33
4.2G	8G	1M	3M	RMS	7.49935G	-52.38	-40.00	-12.38	-	-	-74.41	-74.11	-74.93	-75.62
8G	37G	1M	3M	RMS	32.099G	-51.46	-40.00	-11.46	-	-	-62.11	-62.07	-62.62	-62.43

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

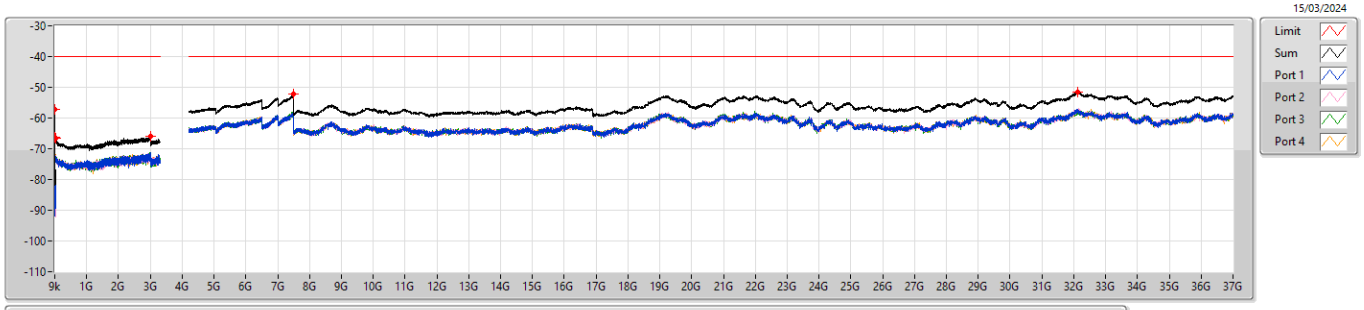
3625MHz_CP-OFDM_QPSK_Outer_Full



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	128.85k	-56.78	-40.00	-16.78	-	-	-62.98	-62.24	-65.22	-61.55
150k	30M	10k	30k	RMS	717.15k	-67.10	-40.00	-27.10	-	-	-77.19	-78.28	-74.03	-77.23
30M	1G	100k	300k	RMS	34.85M	-66.25	-40.00	-26.25	-	-	-71.89	-74.65	-76.84	-74.20
1G	3.3G	100k	300k	RMS	2.9987G	-66.14	-40.00	-26.14	-	-	-84.62	-86.03	-83.72	-89.32
4.2G	8G	1M	3M	RMS	7.4927G	-52.46	-40.00	-12.46	-	-	-75.31	-74.20	-74.09	-75.37
8G	37G	1M	3M	RMS	32.1715G	-51.65	-40.00	-11.65	-	-	-62.02	-62.15	-62.22	-61.95

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	128.85k	-57.19	-40.00	-17.19	-	-	-63.66	-63.44	-63.15	-62.67
150k	30M	10k	30k	RMS	717.15k	-66.39	-40.00	-26.39	-	-	-75.85	-82.54	-76.47	-76.44
30M	1G	100k	300k	RMS	33.88M	-66.43	-40.00	-26.43	-	-	-76.98	-76.80	-77.71	-74.23
1G	3.3G	100k	300k	RMS	2.9987G	-65.83	-40.00	-25.83	-	-	-84.52	-83.43	-84.08	-86.31
4.2G	8G	1M	3M	RMS	7.487G	-52.21	-40.00	-12.21	-	-	-75.71	-75.42	-74.32	-74.78
8G	37G	1M	3M	RMS	32.13163G	-51.55	-40.00	-11.55	-	-	-61.87	-62.20	-61.96	-62.37

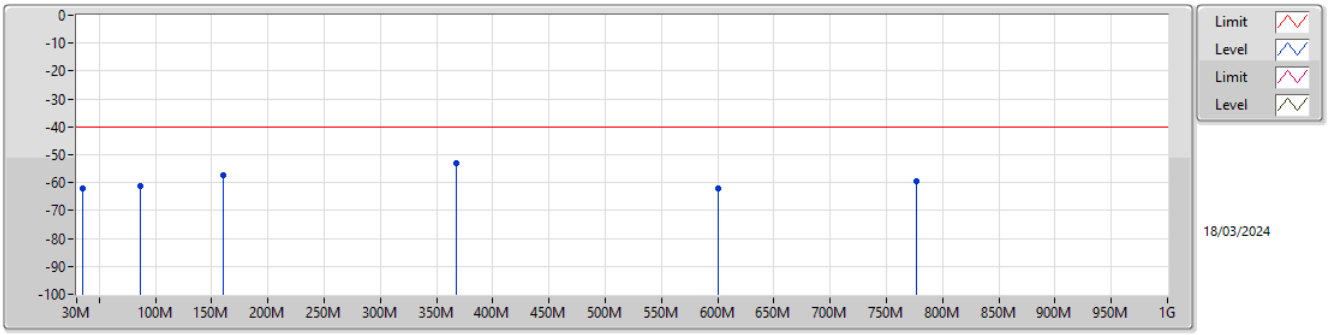
Summary

Mode	Result	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition
Band n48	-	-	-	-	-	-	-
NR_10MHz_CP-OFDM_64QAM	Pass	369.68M	-42.77	-40.00	-2.77	2.68	Horizontal

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

Band n48_NR_10MHz_CP-OFDM_64QAM

3555MHz_Traffic

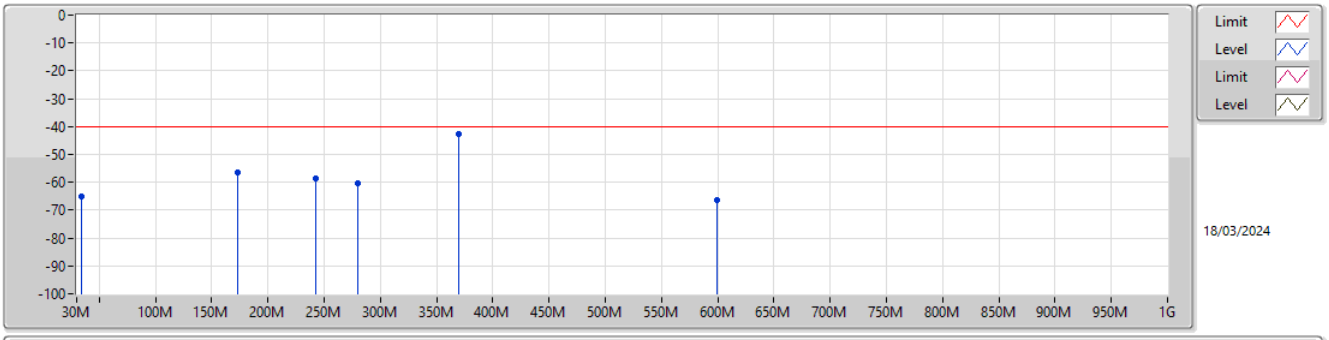


EUT Y
Setting 0
05-R-E-2
POE(POE90U-1BT-5

Freq	Level	Limit	Margin	Factor	Condition	Raw
(Hz)	(dBm)	(dBm)	(dB)	(dB)		(dBm)
35.52M	-61.86	-40.00	-21.86	-5.30	Vertical	-56.56
87.02M	-61.08	-40.00	-21.08	-6.02	Vertical	-55.06
159.98M	-57.13	-40.00	-17.13	-0.68	Vertical	-56.45
368.11M	-52.96	-40.00	-12.96	0.96	Vertical	-53.92
599.94M	-61.95	-40.00	-21.95	2.75	Vertical	-64.70
777.11M	-59.59	-40.00	-19.59	7.76	Vertical	-67.35

Band n48_NR_10MHz_CP-OFDM_64QAM

3555MHz_Traffic



EUT Y
Setting 0
05-R-E-2
POE(POE90U-1BT-5

Freq	Level	Limit	Margin	Factor	Condition	Raw
(Hz)	(dBm)	(dBm)	(dB)	(dB)		(dBm)
34.79M	-65.10	-40.00	-25.10	4.58	Horizontal	-69.68
173.08M	-56.37	-40.00	-16.37	-6.72	Horizontal	-49.65
242.55M	-58.64	-40.00	-18.64	0.28	Horizontal	-58.92
280.17M	-60.56	-40.00	-20.56	-0.78	Horizontal	-59.78
369.68M	-42.77	-40.00	-2.77	2.68	Horizontal	-45.45
599.88M	-66.23	-40.00	-26.23	2.51	Horizontal	-68.74

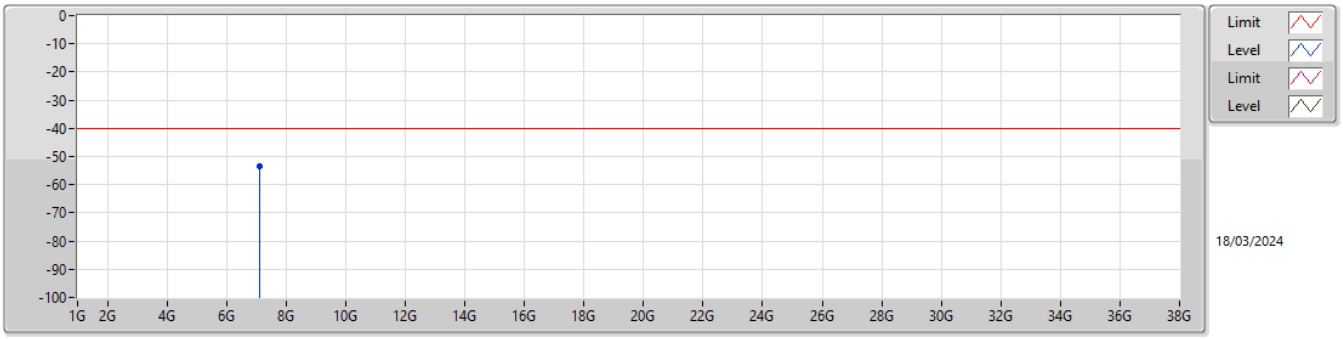
Summary

Mode	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition
Band n48	-	-	-	-	-	-	-
NR_10MHz_CP-OFDM_64QAM	PK	7.11184G	-53.57	-40.00	-13.57	13.38	Vertical

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

Band n48_NR_10MHz_CP-OFDM_64QAM

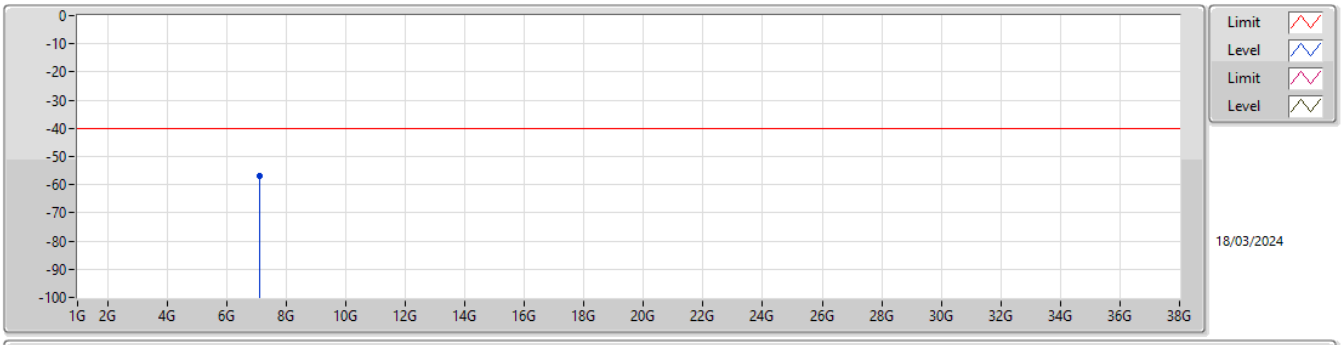
3555MHz_Traffic



Freq	Level	Limit	Margin	Factor	Condition	Raw
(Hz)	(dBm)	(dBm)	(dB)	(dB)		(dBm)
7.11184G	-53.57	-40.00	-13.57	13.38	Vertical	-66.95

Band n48_NR_10MHz_CP-OFDM_64QAM

3555MHz_Traffic



Freq	Level	Limit	Margin	Factor	Condition	Raw
(Hz)	(dBm)	(dBm)	(dB)	(dB)		(dBm)
7.12028G	-56.78	-40.00	-16.78	10.83	Horizontal	-67.61

Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band n48	-	-	-	-	-	-	-	-	-
NR_10MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.555G	3.554988G	3.550676G	3.5593G	-3.3443	3.55G,3.7G,Inf	1	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.56G	3.559983G	3.550875G	3.569091G	-4.7229	3.55G,3.7G,Inf	1	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.57G	3.570012G	3.551081G	3.588942G	3.2909	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_10MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3555MHz_Outer_Full_-30°C	Pass	3.555G	3.554991G	3.550687G	3.559295G	-2.6299	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_-20°C	Pass	3.555G	3.554985G	3.550681G	3.559289G	-4.3248	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_-10°C	Pass	3.555G	3.554989G	3.550685G	3.559294G	-2.9719	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_0°C	Pass	3.555G	3.554988G	3.55068G	3.559295G	-3.5007	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_10°C	Pass	3.555G	3.554997G	3.550692G	3.559302G	-0.7452	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_20°C	Pass	3.555G	3.554985G	3.55068G	3.55929G	-4.1952	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_30°C	Pass	3.555G	3.554998G	3.550687G	3.559308G	-0.6256	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_40°C	Pass	3.555G	3.554988G	3.550676G	3.5593G	-3.3443	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_50°C	Pass	3.555G	3.554989G	3.550688G	3.55929G	-3.1201	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_138V	Pass	3.555G	3.554985G	3.550682G	3.559289G	-4.121	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_120V	Pass	3.555G	3.554997G	3.550693G	3.559302G	-0.8373	3.55G,3.7G,Inf	1	-
3555MHz_Outer_Full_102V	Pass	3.555G	3.554999G	3.550689G	3.55931G	-0.2128	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.624989G	3.620692G	3.629286G	-3.0614	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.624984G	3.620677G	3.62929G	-4.5294	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.62499G	3.620687G	3.629293G	-2.6649	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.624985G	3.620676G	3.629294G	-4.0864	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.624978G	3.620667G	3.62929G	-5.948	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.624983G	3.620676G	3.62929G	-4.7676	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.624984G	3.620671G	3.629296G	-4.4501	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.624982G	3.620677G	3.629288G	-4.8617	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.624985G	3.620686G	3.629283G	-4.1978	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.62498G	3.620674G	3.629286G	-5.6149	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.624992G	3.620682G	3.629302G	-2.2106	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_102V	Pass	3.625G	3.624986G	3.620676G	3.629296G	-3.8714	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_-30°C	Pass	3.695G	3.694961G	3.690659G	3.699264G	-10.4634	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_-20°C	Pass	3.695G	3.694971G	3.690668G	3.699275G	-7.8163	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_-10°C	Pass	3.695G	3.694965G	3.690659G	3.699272G	-9.3804	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_0°C	Pass	3.695G	3.694968G	3.690661G	3.699274G	-8.6926	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_10°C	Pass	3.695G	3.694967G	3.690667G	3.699267G	-8.951	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_20°C	Pass	3.695G	3.694969G	3.690667G	3.69927G	-8.5184	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_30°C	Pass	3.695G	3.694968G	3.690662G	3.699274G	-8.6279	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_40°C	Pass	3.695G	3.694968G	3.690661G	3.699274G	-8.7793	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_50°C	Pass	3.695G	3.694957G	3.690656G	3.699258G	-11.6749	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_138V	Pass	3.695G	3.694965G	3.690657G	3.699273G	-9.4807	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_120V	Pass	3.695G	3.694962G	3.690662G	3.699262G	-10.2683	3.55G,3.7G,Inf	1	-
3695MHz_Outer_Full_102V	Pass	3.695G	3.694971G	3.690668G	3.699274G	-7.9289	3.55G,3.7G,Inf	1	-
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full_-30°C	Pass	3.56G	3.559994G	3.550887G	3.569101G	-1.7939	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_-20°C	Pass	3.56G	3.559988G	3.550882G	3.569094G	-3.418	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_-10°C	Pass	3.56G	3.559987G	3.550879G	3.569095G	-3.6812	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_0°C	Pass	3.56G	3.559991G	3.550884G	3.569098G	-2.6382	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_10°C	Pass	3.56G	3.559984G	3.550879G	3.56909G	-4.4057	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_20°C	Pass	3.56G	3.559987G	3.550883G	3.569091G	-3.6355	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_30°C	Pass	3.56G	3.559983G	3.550875G	3.569091G	-4.7229	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_40°C	Pass	3.56G	3.559989G	3.550879G	3.569099G	-2.9754	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_50°C	Pass	3.56G	3.559985G	3.550876G	3.569093G	-4.3067	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_138V	Pass	3.56G	3.559988G	3.550882G	3.569094G	-3.3353	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_120V	Pass	3.56G	3.559989G	3.550883G	3.569095G	-2.9956	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_102V	Pass	3.56G	3.559992G	3.550884G	3.569101G	-2.1505	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.624968G	3.615858G	3.634077G	-8.8547	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.624981G	3.615871G	3.634091G	-5.2715	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.624974G	3.615863G	3.634086G	-7.0737	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.624968G	3.61586G	3.634077G	-8.7998	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.624976G	3.615861G	3.634091G	-6.6381	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.624973G	3.615865G	3.634081G	-7.4373	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.624976G	3.615869G	3.634082G	-6.7232	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.624971G	3.615862G	3.634081G	-7.8676	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.624969G	3.61586G	3.634078G	-8.6041	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.624974G	3.61587G	3.634077G	-7.2283	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.624969G	3.615854G	3.634084G	-8.6311	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	3.624976G	3.615875G	3.634078G	-6.5812	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-30°C	Pass	3.69G	3.689923G	3.680834G	3.699012G	-20.8798	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-20°C	Pass	3.69G	3.689939G	3.680849G	3.699029G	-16.4941	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-10°C	Pass	3.69G	3.689922G	3.680844G	3.699G	-21.1475	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_0°C	Pass	3.69G	3.68992G	3.680828G	3.699011G	-21.7909	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_10°C	Pass	3.69G	3.689928G	3.680844G	3.699012G	-19.5059	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_20°C	Pass	3.69G	3.689933G	3.680844G	3.699023G	-18.0666	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_30°C	Pass	3.69G	3.689932G	3.680846G	3.699018G	-18.5306	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_40°C	Pass	3.69G	3.689931G	3.680846G	3.699016G	-18.8151	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_50°C	Pass	3.69G	3.689935G	3.680854G	3.699017G	-17.5759	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_138V	Pass	3.69G	3.689936G	3.68085G	3.699022G	-17.3616	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_120V	Pass	3.69G	3.689931G	3.680845G	3.699017G	-18.636	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_102V	Pass	3.69G	3.689939G	3.680849G	3.699029G	-16.5701	3.55G,3.7G,Inf	1	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full_-30°C	Pass	3.57G	3.570016G	3.551096G	3.588935G	4.433	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_-20°C	Pass	3.57G	3.57G	3.551093G	3.588907G	-0.1112	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_-10°C	Pass	3.57G	3.570024G	3.551108G	3.58894G	6.6367	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_0°C	Pass	3.57G	3.57002G	3.551104G	3.588935G	5.4911	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_10°C	Pass	3.57G	3.570023G	3.551111G	3.588935G	6.3986	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_20°C	Pass	3.57G	3.570012G	3.551081G	3.588942G	3.2909	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_30°C	Pass	3.57G	3.570018G	3.551095G	3.58894G	4.9131	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_40°C	Pass	3.57G	3.57002G	3.551119G	3.58892G	5.4747	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_50°C	Pass	3.57G	3.570009G	3.551093G	3.588925G	2.5233	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_138V	Pass	3.57G	3.570018G	3.551097G	3.58894G	5.108	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_120V	Pass	3.57G	3.570015G	3.551098G	3.588932G	4.2214	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_102V	Pass	3.57G	3.570004G	3.551086G	3.588922G	1.0651	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.624985G	3.60605G	3.64392G	-4.1996	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.624978G	3.606046G	3.643911G	-6.0148	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.624972G	3.60605G	3.643895G	-7.6278	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.624986G	3.606056G	3.643916G	-3.9437	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.624994G	3.606075G	3.643912G	-1.7758	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.624982G	3.606061G	3.643903G	-5.0008	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.624974G	3.606042G	3.643907G	-7.0976	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.624984G	3.606063G	3.643905G	-4.3949	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.624979G	3.606065G	3.643892G	-5.9131	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.624979G	3.606052G	3.643906G	-5.711	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.624974G	3.60604G	3.643908G	-7.0838	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_102V	Pass	3.625G	3.624977G	3.606065G	3.643888G	-6.4261	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-30°C	Pass	3.68G	3.679888G	3.661023G	3.698753G	-30.3798	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-20°C	Pass	3.68G	3.679894G	3.661031G	3.698757G	-28.7036	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-10°C	Pass	3.68G	3.679906G	3.661039G	3.698772G	-25.6765	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_0°C	Pass	3.68G	3.679898G	3.661031G	3.698765G	-27.7518	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_10°C	Pass	3.68G	3.679882G	3.661019G	3.698746G	-32.0139	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_20°C	Pass	3.68G	3.679878G	3.661027G	3.698729G	-33.1496	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_30°C	Pass	3.68G	3.679898G	3.66104G	3.698757G	-27.6057	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_40°C	Pass	3.68G	3.679889G	3.661035G	3.698744G	-30.0699	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_50°C	Pass	3.68G	3.679891G	3.661038G	3.698743G	-29.7537	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_138V	Pass	3.68G	3.67989G	3.661036G	3.698744G	-29.915	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_120V	Pass	3.68G	3.679897G	3.661034G	3.69876G	-27.9069	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_102V	Pass	3.68G	3.679901G	3.661044G	3.698759G	-26.808	3.55G,3.7G,Inf	1	-