



RADIO TEST REPORT

FCC ID : 2BAMZGRBBU001O05001
Equipment : REIGN CORE
Brand Name : G REIGNS
Model Name : Cupid001O05001
Applicant : REIGN Technology Corporation
12F, No.88, Section 3, Zhongxing Road, Xindian District,
New Taipei City, Taiwan
Manufacturer : REIGN Technology Corporation
12F, No.88, Section 3, Zhongxing Road, Xindian District,
New Taipei City, Taiwan
Standard : 47 CFR FCC Part 96

The product was received on Mar. 20, 2024, and testing was started from Mar. 25, 2024 and completed on Mar. 26, 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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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A18_1 Ver1.2



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/manufacture 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: Muse Chan



1 General Description

1.1 Product Feature of Equipment Under Test

Items	Description
EUT Type	☒ CBSD ☐ CPE-CBSD ☐ EUD
Power Type	Power from Adapter
Category of EUT	☐ Category A ☒ Category B
Professional Installation	☒ Yes ☐ No
Multi-carrier and/or CA	☐ Yes ☒ No
RF Test Tool Software of EUT	Terminal 2.7
TX Frequency (MHz)	5G NR Band n48: 3560 ~ 3690 MHz
RX Frequency (MHz)	5G NR Band n48: 3560 ~ 3690 MHz
Bandwidth (MHz)	20/40
Type of Modulation	CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM)

Note: The above information was declared by manufacturer.

1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	COMMSCOPE	SS-65M-R2	Sector	N Type	Note 1
2	2	COMMSCOPE	SS-65M-R2	Sector	N Type	
3	3	COMMSCOPE	SS-65M-R2	Sector	N Type	
4	4	COMMSCOPE	SS-65M-R2	Sector	N Type	

Note 1:

Gain (dBi)	Cable loss(dB)	Net Gain (dBi)
18.3	0.81	17.49

Note 2: The above information was declared by manufacturer.

Note 3: The device supports 4T4S (uncorrelated) only.

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

Port 1~4 could transmit/receive simultaneously.



1.3 Maximum EIRP Power and Emission Designator

Bandwidth	TX Frequency (MHz)	Type of Modulation	Max. Conducted Power		Maximum EIRP		99% Occupied Bandwidth (MHz)	Emission Designator
			(dBm)	(W)	(dBm)	(W)		
20MHz	3560-3690	QPSK	31.97	1.574	49.46	88.308	18.284	18M3G7D
		16QAM	31.40	1.380	48.89	77.446	18.333	18M3W7D
		64QAM	31.88	1.542	49.37	86.497	18.276	18M3W7D
		256QAM	31.99	1.581	49.48	88.716	18.282	18M3W7D
40MHz	3570-3680	QPSK	35.22	3.327	52.71	186.638	37.943	37M9G7D
		16QAM	34.18	2.618	51.67	146.893	37.973	38M0W7D
		64QAM	35.19	3.304	52.68	185.353	37.998	38M0W7D
		256QAM	35.27	3.365	52.76	188.799	38.023	38M0W7D

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

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	TH03-CB	Jay Lo	22.4~23.2 / 63~66	Mar. 25, 2024~ Mar. 26, 2024
Radiated	03CH05-CB	Eason Chen	22.6~23.2 / 59~63	Mar. 26, 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_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
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
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + Adapter
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 1: The Adapter is for measurement only, would not be marketed.

The Adapter information as below:

Support Unit	Brand Name	Model Name
Adapter	MOSO	LSV-200B048



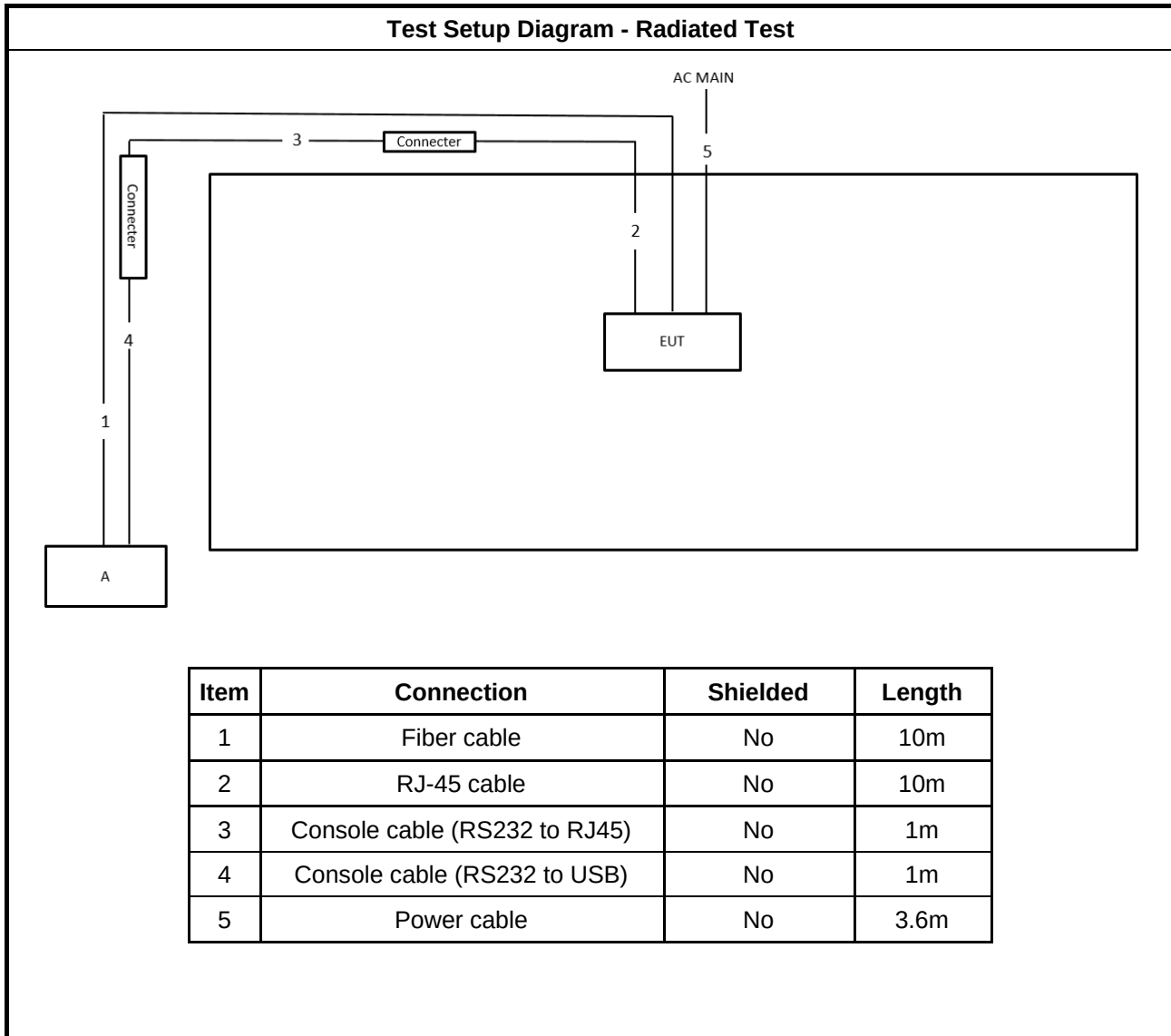
2.3 Accessories

Accessories
Waterproof connector to EUT*1
Waterproof connector to adapter*1
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
B	AC Adapter	MOSO	LSV-200B048	N/A

2.5 Test Setup Diagram





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 :

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)}. \\ &= 6.0 \text{ (dB)}\end{aligned}$$



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

L_C = 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

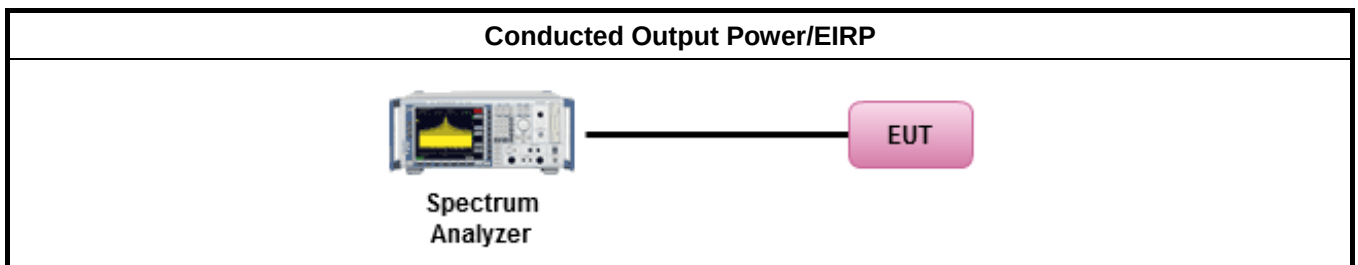
1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

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 $\geq 3 \times$ RBW.

5. Detector = RMS (power averaging).
6. Ensure that the number of measurement points in the sweep $\geq 2 \times \text{span/RBW}$.
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 $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

3.1.5 Test Setup



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 Power 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

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

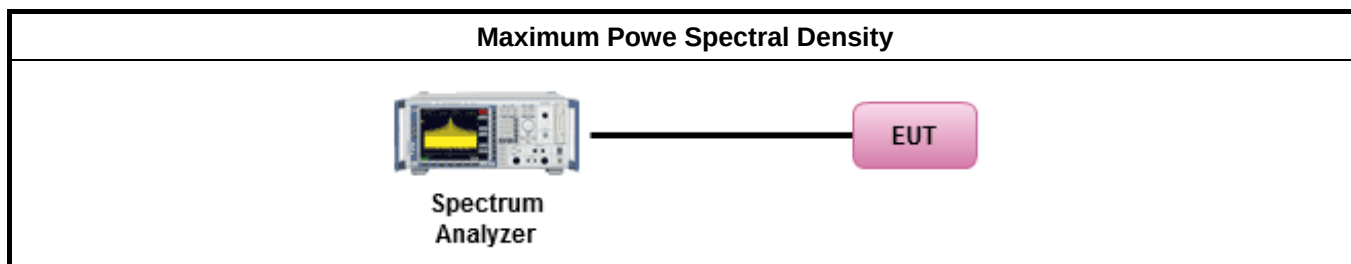
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. 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 $\geq 3 \times$ RBW.
5. Detector = RMS (power averaging).
6. Ensure that the number of measurement points in the sweep $\geq 2 \times$ 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 $10 \log(1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

3.2.4 Test Setup



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

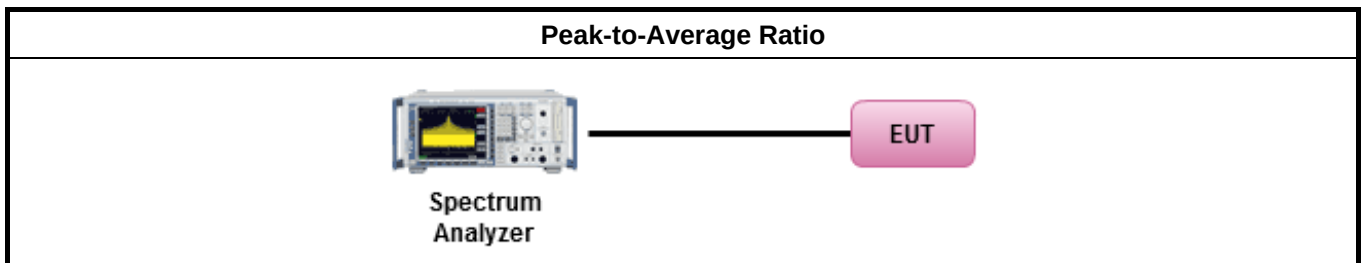
The measuring equipment is listed in the section 4 of this test report.

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



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

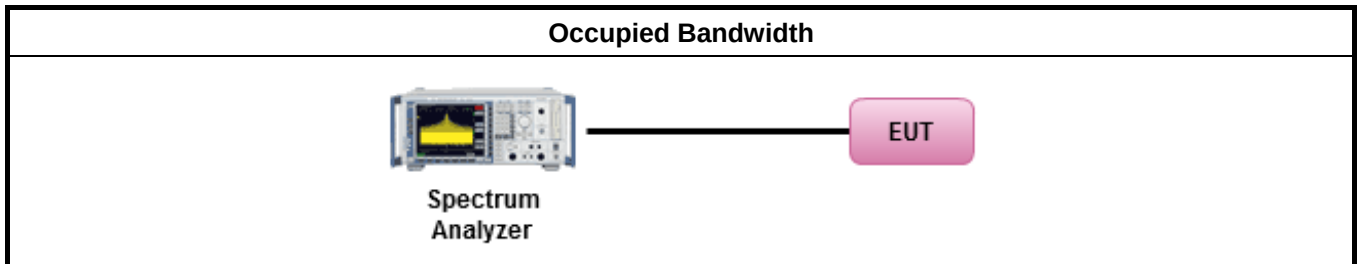
The measuring equipment is listed in the section 4 of this test report.

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



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 -40 dBm/MHz

3.5.2 Measuring Instruments

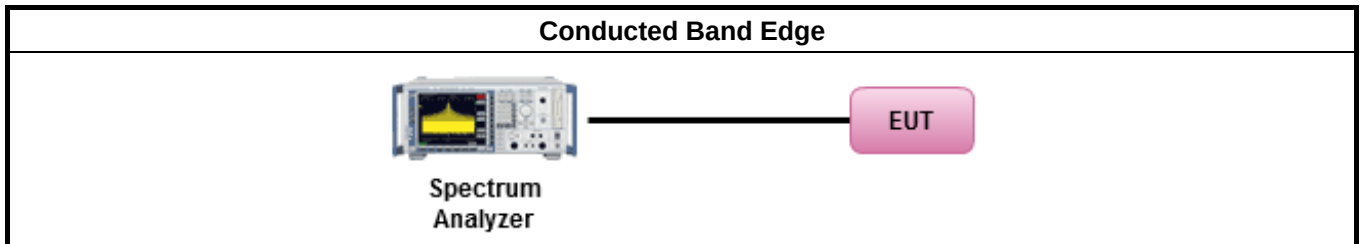
The measuring equipment is listed in the section 4 of this test report.

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 $\geq 1\%$ 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



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

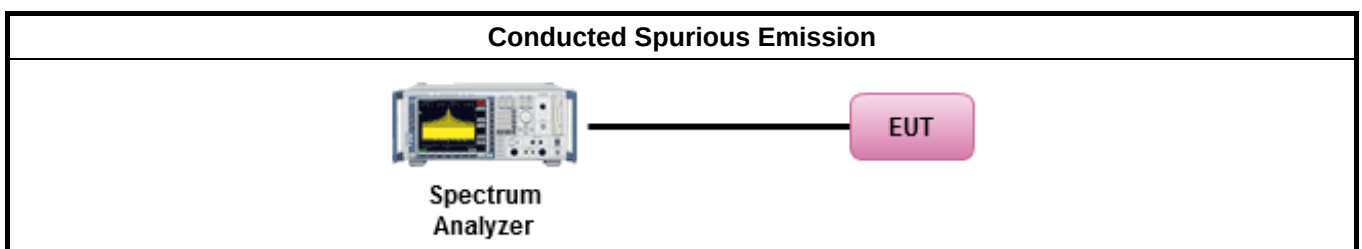
The measuring equipment is listed in the section 4 of this test report.

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



3.6.5 Test Result of Conducted Spurious Emission

Refer as Appendix F



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.

$$\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$$

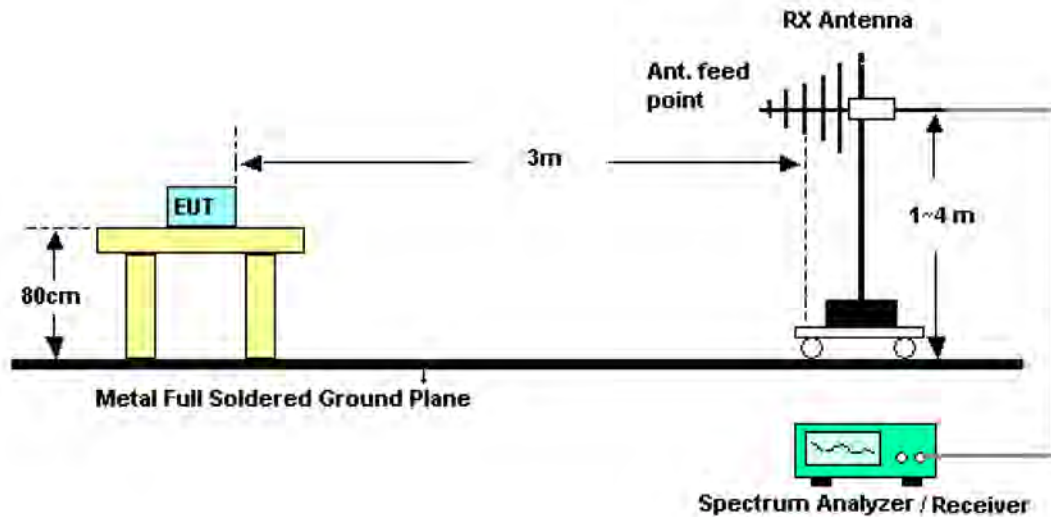
$$\text{ERP (dBm)} = \text{EIRP} - 2.15$$

8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

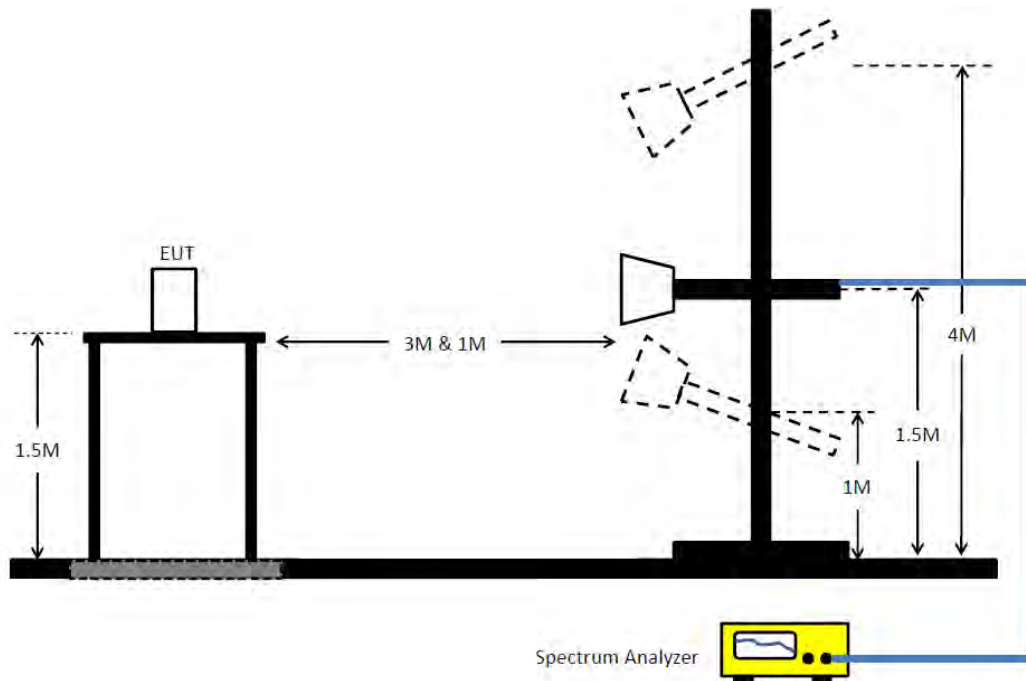
The limit line is -40dBm/MHz

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 G

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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) 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

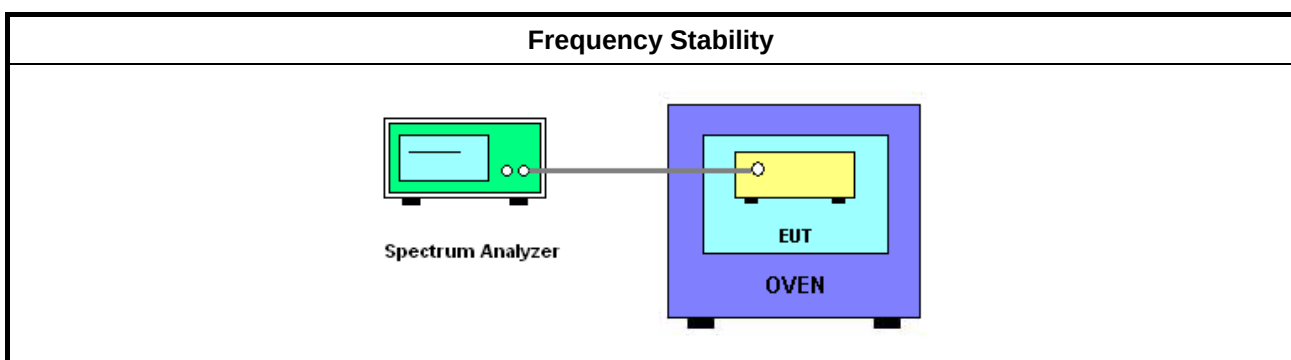
1. The EUT was set up in the thermal chamber and connected to the spectrum analyzer.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature 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 $25 \pm 5^{\circ}\text{C}$ 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



3.8.6 Test Result of Temperature and Voltage Variation

Refer as Appendix H



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 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. 23, 2024	Mar. 22, 2025	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 (03CH01-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 (03CH01-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 ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Temp. and Humidity Chamber	Gaint Force	GTH-408-40-CP-AR	MAA1410-011	-40~100 degree	Sep. 01, 2023	Aug. 31, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)

**RADIO TEST REPORT****Report No. : FG413122**

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

N.C.R. means Non-Calibration required.



Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band n48	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	31.97	1.574	49.46	88.308
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	31.40	1.380	48.89	77.446
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	31.88	1.542	49.37	86.497
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	31.99	1.581	49.48	88.716
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	35.22	3.327	52.71	186.638
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	34.18	2.618	51.67	146.893
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	35.19	3.304	52.68	185.353
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	35.27	3.365	52.76	188.799

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

Result

Mode	Result	DG (dBi)	Power (dBm)	Power (W)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	EIRP (dBm)	EIRP (W)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	31.74	1.493	25.73	25.49	26.24	25.38	49.23	83.753
3625MHz_Outer_Full	Pass	17.49	31.61	1.449	25.53	25.46	26.04	25.28	49.10	81.283
3690MHz_Outer_Full	Pass	17.49	31.97	1.574	25.49	26.22	26.19	25.85	49.46	88.308
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	31.37	1.371	25.22	25.14	25.98	24.98	48.86	76.913
3625MHz_Outer_Full	Pass	17.49	31.05	1.274	24.99	24.90	25.51	24.67	48.54	71.450
3690MHz_Outer_Full	Pass	17.49	31.40	1.380	24.81	25.63	25.63	25.38	48.89	77.446
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	31.81	1.517	25.85	25.40	26.44	25.38	49.30	85.114
3625MHz_Outer_Full	Pass	17.49	31.79	1.510	25.85	25.66	26.19	25.35	49.28	84.723
3690MHz_Outer_Full	Pass	17.49	31.88	1.542	25.39	26.05	26.19	25.78	49.37	86.497
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	31.73	1.489	25.67	25.31	26.27	25.54	49.22	83.560
3625MHz_Outer_Full	Pass	17.49	31.85	1.531	25.83	25.73	26.22	25.51	49.34	85.901
3690MHz_Outer_Full	Pass	17.49	31.99	1.581	25.53	26.22	26.19	25.90	49.48	88.716
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	33.18	2.080	26.90	27.25	27.64	26.81	50.67	116.681
3625MHz_Outer_Full	Pass	17.49	35.22	3.327	29.12	29.28	29.58	28.77	52.71	186.638
3680MHz_Outer_Full	Pass	17.49	33.17	2.075	26.92	27.29	27.54	26.79	50.66	116.413
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	34.18	2.618	27.87	28.45	28.42	27.85	51.67	146.893
3625MHz_Outer_Full	Pass	17.49	34.16	2.606	28.18	28.12	28.54	27.67	51.65	146.218
3680MHz_Outer_Full	Pass	17.49	34.11	2.576	27.66	28.26	28.65	27.72	51.60	144.544
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	35.19	3.304	28.93	29.25	29.71	28.74	52.68	185.353
3625MHz_Outer_Full	Pass	17.49	35.18	3.296	29.11	28.85	29.84	28.77	52.67	184.927
3680MHz_Outer_Full	Pass	17.49	35.05	3.199	28.79	28.98	29.60	28.67	52.54	179.473
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	35.14	3.266	28.72	29.19	29.62	28.90	52.63	183.231
3625MHz_Outer_Full	Pass	17.49	35.27	3.365	29.22	29.23	29.82	28.66	52.76	188.799
3680MHz_Outer_Full	Pass	17.49	35.06	3.206	28.66	29.13	29.68	28.58	52.55	179.887

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



Summary

Mode	Power (dBm/10MHz)	EIRP (dBm/10MHz)
Band n48	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	29.29	46.78
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	28.92	46.41
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	29.29	46.78
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	29.21	46.70
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	29.39	46.88
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	29.01	46.50
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	29.43	46.92
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	29.46	46.95

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

Result

Mode	Result	MBW (Hz)	DG (dBi)	Power (dBm/10MHz)	EIRP (dBm/10MHz)	EIRP Limit (dBm/10MHz)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	17.49	29.09	46.58	47.00
3625MHz_Outer_Full	Pass	10M	17.49	28.99	46.48	47.00
3690MHz_Outer_Full	Pass	10M	17.49	29.29	46.78	47.00
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	17.49	28.83	46.32	47.00
3625MHz_Outer_Full	Pass	10M	17.49	28.66	46.15	47.00
3690MHz_Outer_Full	Pass	10M	17.49	28.92	46.41	47.00
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	17.49	29.16	46.65	47.00
3625MHz_Outer_Full	Pass	10M	17.49	29.23	46.72	47.00
3690MHz_Outer_Full	Pass	10M	17.49	29.29	46.78	47.00
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	10M	17.49	29.11	46.60	47.00
3625MHz_Outer_Full	Pass	10M	17.49	29.07	46.56	47.00
3690MHz_Outer_Full	Pass	10M	17.49	29.21	46.70	47.00
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	17.49	27.37	44.86	47.00
3625MHz_Outer_Full	Pass	10M	17.49	29.39	46.88	47.00
3680MHz_Outer_Full	Pass	10M	17.49	27.36	44.85	47.00
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	17.49	28.99	46.48	47.00
3625MHz_Outer_Full	Pass	10M	17.49	29.01	46.50	47.00
3680MHz_Outer_Full	Pass	10M	17.49	28.76	46.25	47.00
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	17.49	29.43	46.92	47.00
3625MHz_Outer_Full	Pass	10M	17.49	29.41	46.90	47.00
3680MHz_Outer_Full	Pass	10M	17.49	29.25	46.74	47.00
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	10M	17.49	29.44	46.93	47.00
3625MHz_Outer_Full	Pass	10M	17.49	29.46	46.95	47.00
3680MHz_Outer_Full	Pass	10M	17.49	29.21	46.70	47.00

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

Summary

Mode	PD (dBm/MHz)	EIRP PD (dBm/MHz)
Band n48	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	18.30	35.79
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	19.34	36.83
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	18.34	35.83
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	18.18	35.67
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	18.37	35.86
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	19.48	36.97
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	18.47	35.96
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	18.46	35.95

DG = Directional Gain;

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	Sum (dBm/MHz)	PD (dBm/MHz)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	12.29	12.05	12.72	11.89	18.09	18.09	35.58	37.00
3625MHz_Outer_Full	Pass	17.49	11.99	11.88	12.65	11.83	17.98	17.98	35.47	37.00
3690MHz_Outer_Full	Pass	17.49	11.78	12.53	12.89	12.50	18.30	18.30	35.79	37.00
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	13.41	13.01	13.94	13.11	19.23	19.23	36.72	37.00
3625MHz_Outer_Full	Pass	17.49	13.18	12.98	13.68	12.69	19.04	19.04	36.53	37.00
3690MHz_Outer_Full	Pass	17.49	12.90	13.52	13.76	13.46	19.34	19.34	36.83	37.00
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	12.17	12.03	12.87	12.19	18.19	18.19	35.68	37.00
3625MHz_Outer_Full	Pass	17.49	12.38	12.31	12.87	11.87	18.25	18.25	35.74	37.00
3690MHz_Outer_Full	Pass	17.49	11.99	12.64	12.77	12.52	18.34	18.34	35.83	37.00
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	17.49	12.30	12.06	12.86	11.73	18.09	18.09	35.58	37.00
3625MHz_Outer_Full	Pass	17.49	12.48	12.05	12.50	11.98	18.03	18.03	35.52	37.00
3690MHz_Outer_Full	Pass	17.49	12.09	12.54	12.73	12.18	18.18	18.18	35.67	37.00
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	10.03	10.46	10.93	10.13	16.30	16.30	33.79	37.00
3625MHz_Outer_Full	Pass	17.49	12.40	12.47	12.88	12.07	18.37	18.37	35.86	37.00
3680MHz_Outer_Full	Pass	17.49	10.22	10.61	10.78	10.14	16.30	16.30	33.79	37.00
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	13.09	13.68	14.03	13.22	19.44	19.44	36.93	37.00
3625MHz_Outer_Full	Pass	17.49	13.51	13.57	13.94	13.17	19.48	19.48	36.97	37.00
3680MHz_Outer_Full	Pass	17.49	12.96	13.42	13.96	13.03	19.20	19.20	36.69	37.00
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	12.22	12.57	13.14	12.25	18.43	18.43	35.92	37.00
3625MHz_Outer_Full	Pass	17.49	12.58	12.41	12.93	12.26	18.47	18.47	35.96	37.00
3680MHz_Outer_Full	Pass	17.49	12.20	12.50	13.00	12.09	18.25	18.25	35.74	37.00
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	17.49	12.28	12.79	13.03	12.13	18.46	18.46	35.95	37.00
3625MHz_Outer_Full	Pass	17.49	12.48	12.63	13.11	12.18	18.44	18.44	35.93	37.00
3680MHz_Outer_Full	Pass	17.49	12.21	12.45	12.86	12.10	18.23	18.23	35.72	37.00

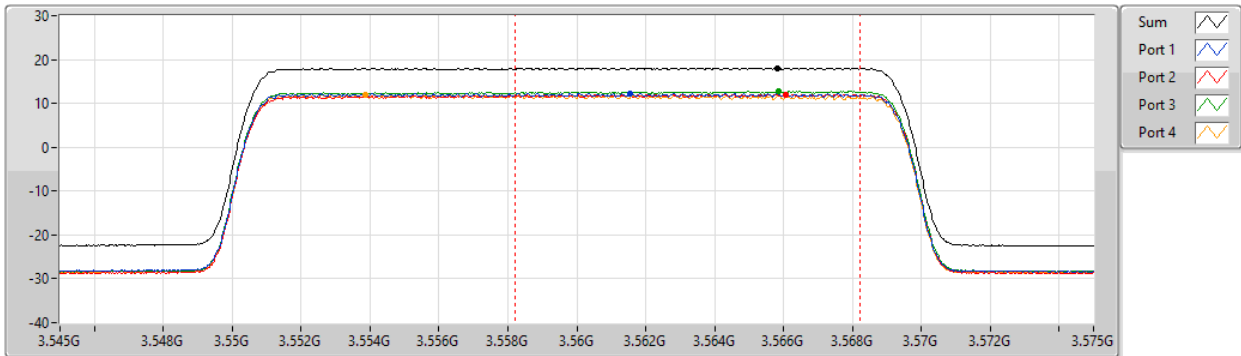
DG = Directional Gain;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

PSD

3560MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



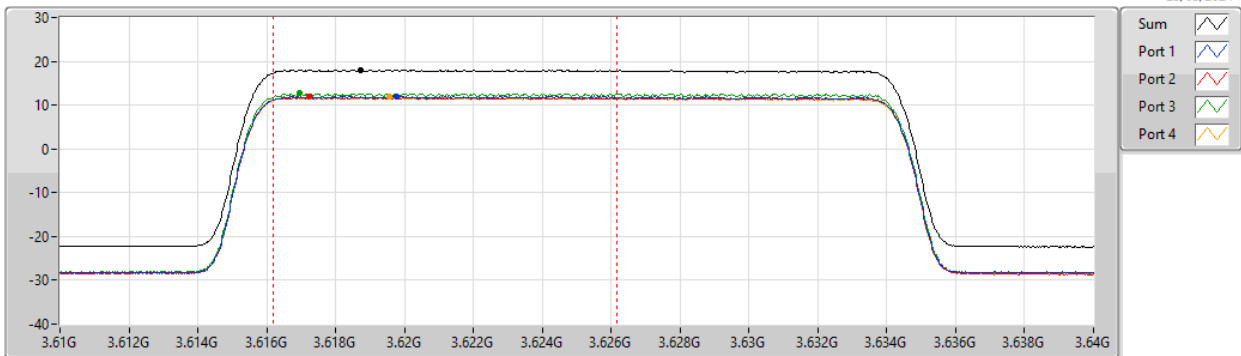
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
12.29	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.05	3.56G	30M	1M	3M	100m	RMS	1
12.72	3.56G	30M	1M	3M	100m	RMS	2
11.89	3.56G	30M	1M	3M	100m	RMS	3
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.09	29.09						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

PSD

3625MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024

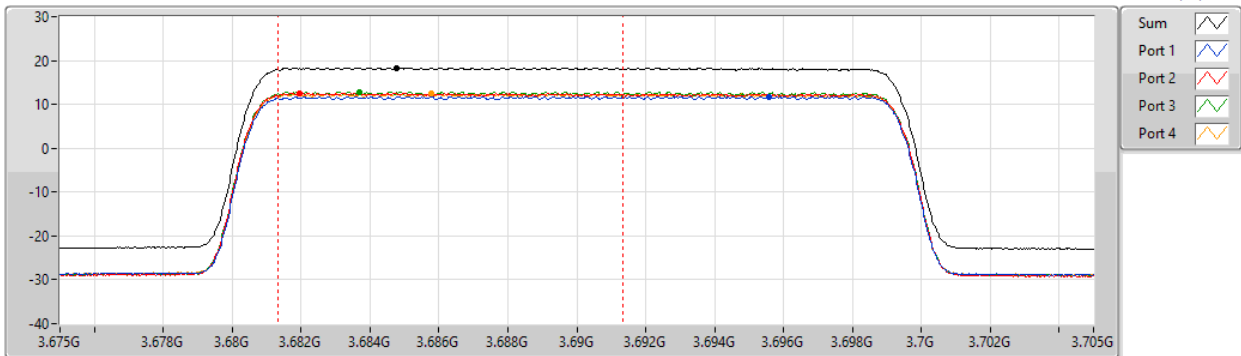


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
11.99	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.88	3.625G	30M	1M	3M	100m	RMS	1
12.65	3.625G	30M	1M	3M	100m	RMS	2
11.83	3.625G	30M	1M	3M	100m	RMS	3
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
17.98	28.99						

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

PSD

3690MHz_CP-OFDM_QPSK_Outer_Full

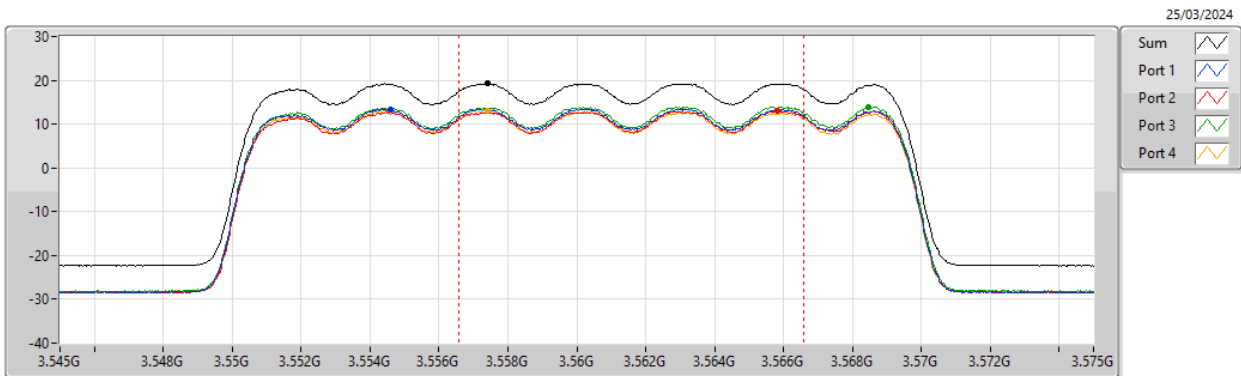


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.78	3.69G	30M	1M	3M	100m	RMS	1
12.53	3.69G	30M	1M	3M	100m	RMS	2
12.89	3.69G	30M	1M	3M	100m	RMS	3
12.50	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.30	29.29						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

PSD

3560MHz_CP-OFDM_16QAM_Outer_Full



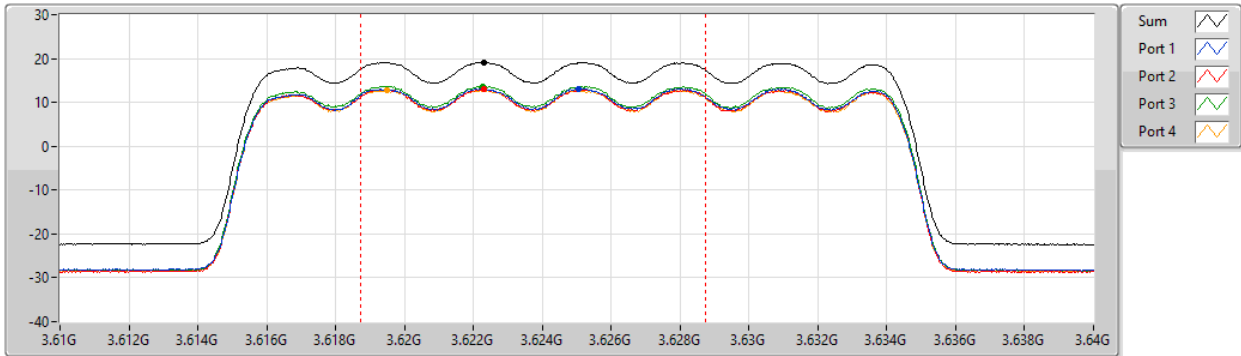
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.41	3.56G	30M	1M	3M	100m	RMS	1
13.01	3.56G	30M	1M	3M	100m	RMS	2
13.94	3.56G	30M	1M	3M	100m	RMS	3
13.11	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
19.23	28.83						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

PSD

3625MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



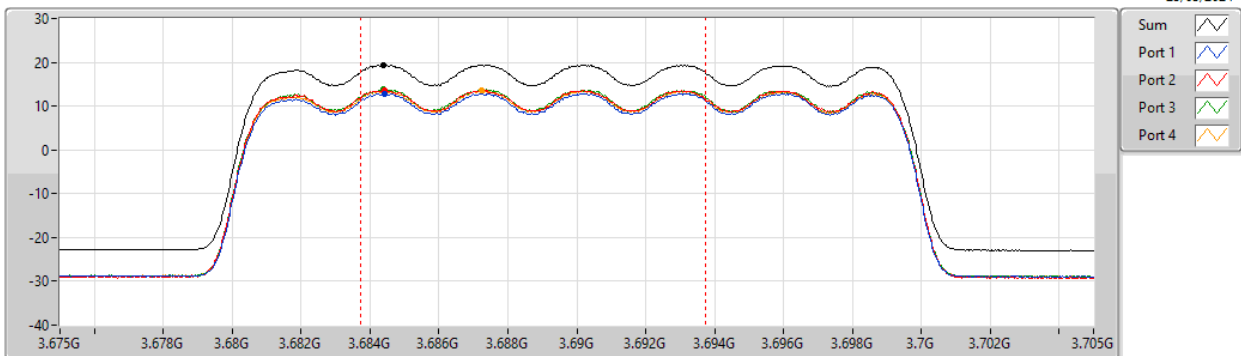
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.18	3.625G	30M	1M	3M	100m	RMS	1
12.98	3.625G	30M	1M	3M	100m	RMS	2
13.68	3.625G	30M	1M	3M	100m	RMS	3
12.69	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
19.04	28.66						

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

PSD

3690MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



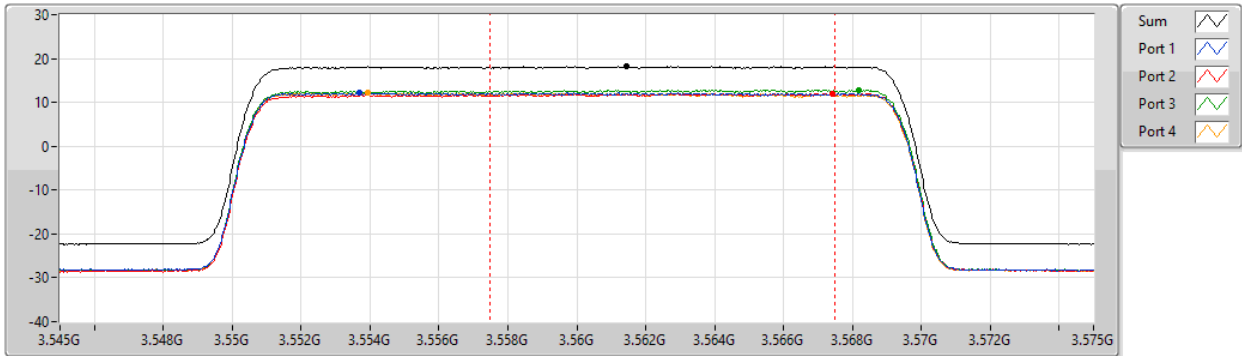
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.90	3.69G	30M	1M	3M	100m	RMS	1
13.52	3.69G	30M	1M	3M	100m	RMS	2
13.76	3.69G	30M	1M	3M	100m	RMS	3
13.46	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
19.34	28.92						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX

PSD

3560MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



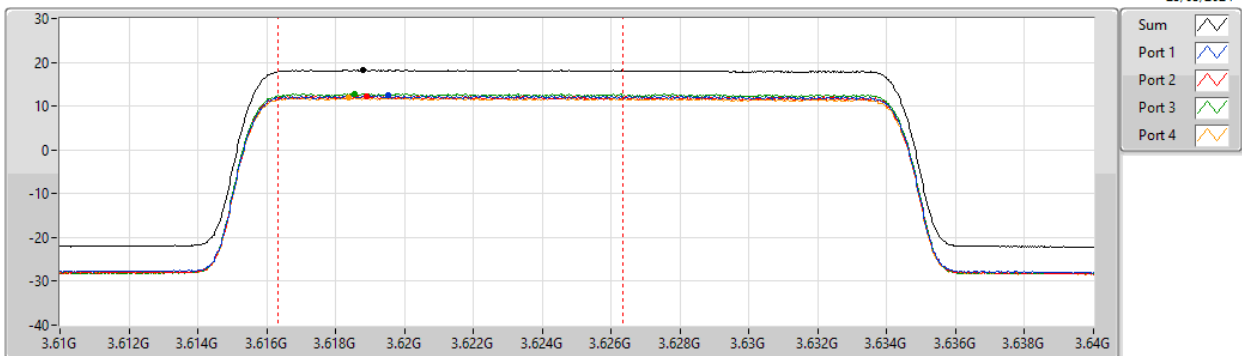
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.17	3.56G	30M	1M	3M	100m	RMS	1
12.03	3.56G	30M	1M	3M	100m	RMS	2
12.87	3.56G	30M	1M	3M	100m	RMS	3
12.19	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.19	29.16						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX

PSD

3625MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



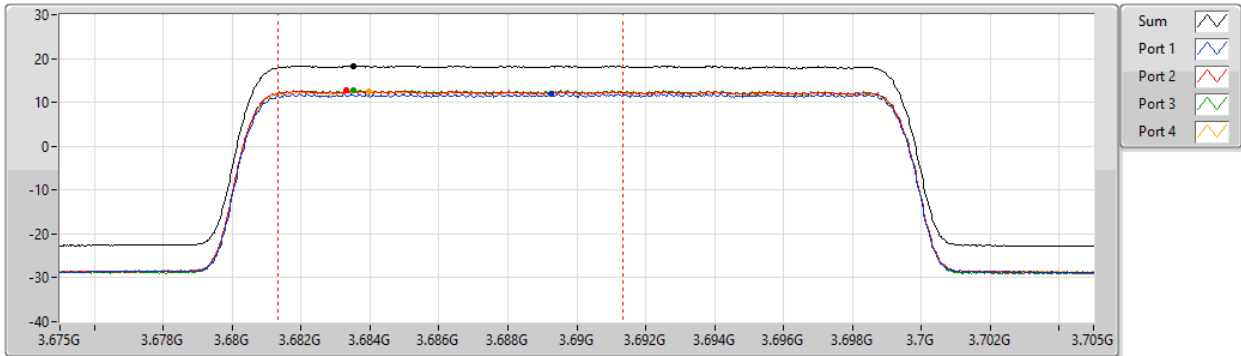
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.38	3.625G	30M	1M	3M	100m	RMS	1
12.31	3.625G	30M	1M	3M	100m	RMS	2
12.87	3.625G	30M	1M	3M	100m	RMS	3
11.87	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.25	29.23						

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX

PSD

3690MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



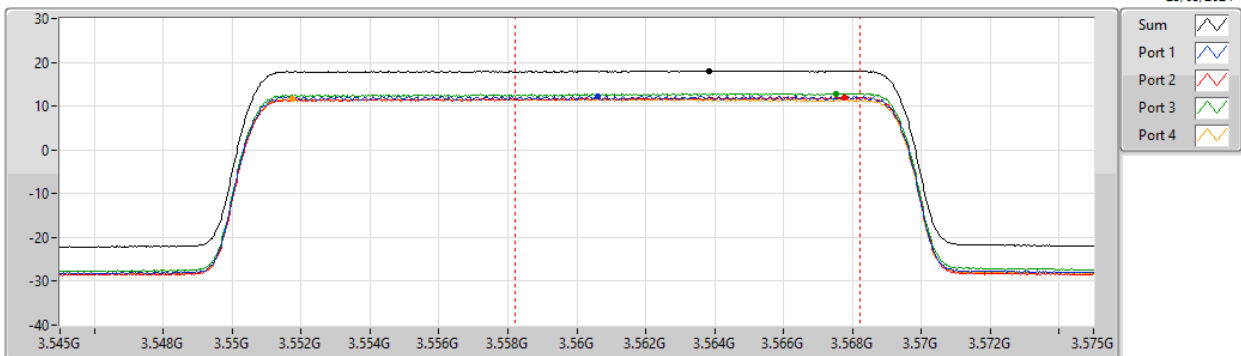
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.99	3.69G	30M	1M	3M	100m	RMS	1
12.64	3.69G	30M	1M	3M	100m	RMS	2
12.77	3.69G	30M	1M	3M	100m	RMS	3
12.52	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.34	29.29						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX

PSD

3560MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



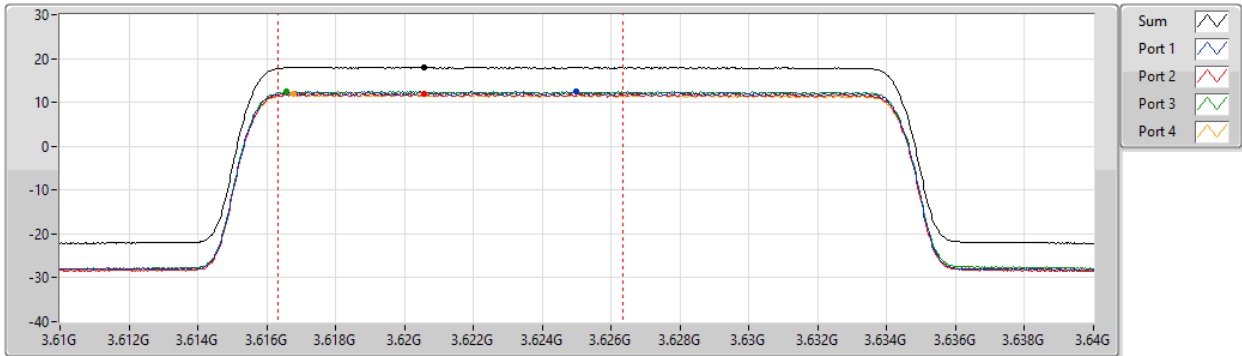
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.30	3.56G	30M	1M	3M	100m	RMS	1
12.06	3.56G	30M	1M	3M	100m	RMS	2
12.86	3.56G	30M	1M	3M	100m	RMS	3
11.73	3.56G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.09	29.11						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX

PSD

3625MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



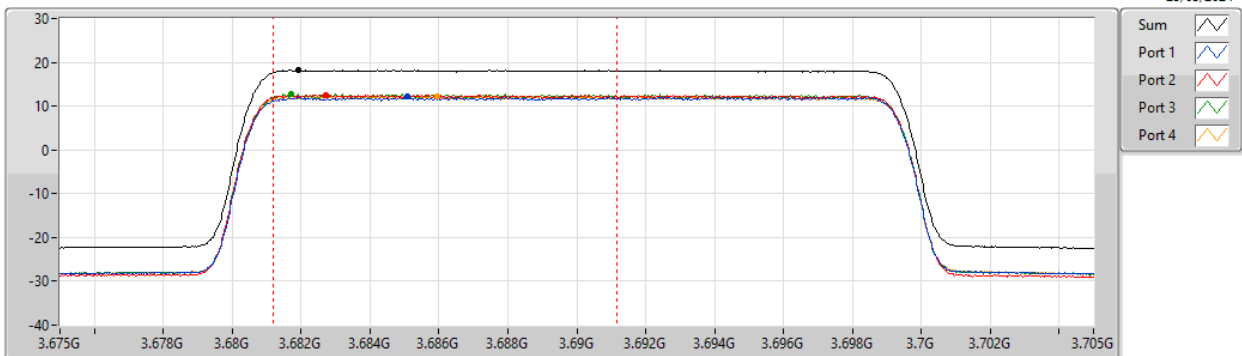
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.48	3.625G	30M	1M	3M	100m	RMS	1
12.05	3.625G	30M	1M	3M	100m	RMS	2
12.50	3.625G	30M	1M	3M	100m	RMS	3
11.98	3.625G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.03	29.07						

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX

PSD

3690MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



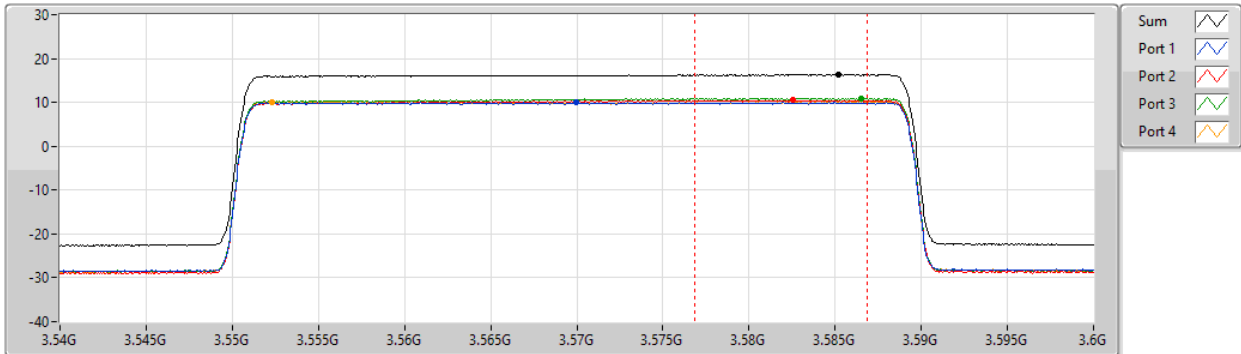
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.09	3.69G	30M	1M	3M	100m	RMS	1
12.54	3.69G	30M	1M	3M	100m	RMS	2
12.73	3.69G	30M	1M	3M	100m	RMS	3
12.18	3.69G	30M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.18	29.21						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX

PSD

3570MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



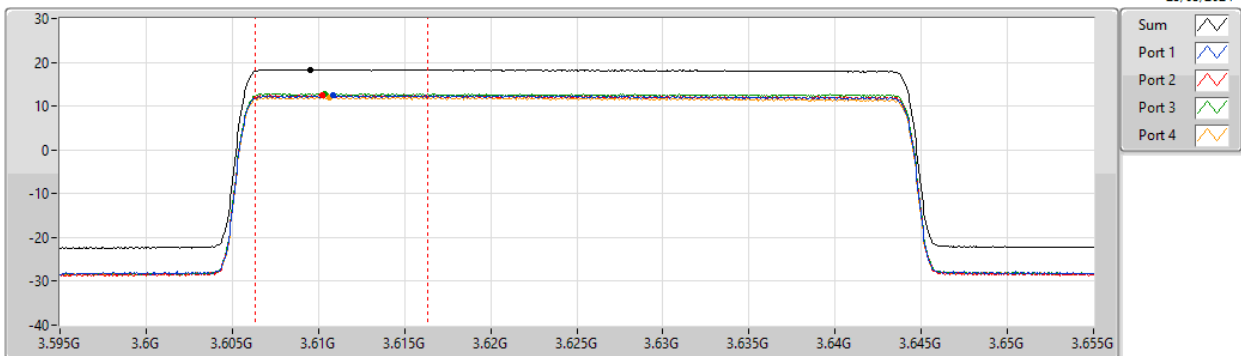
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.03	3.57G	60M	1M	3M	100m	RMS	1
10.46	3.57G	60M	1M	3M	100m	RMS	2
10.93	3.57G	60M	1M	3M	100m	RMS	3
10.13	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
16.30	27.37						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX

PSD

3625MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



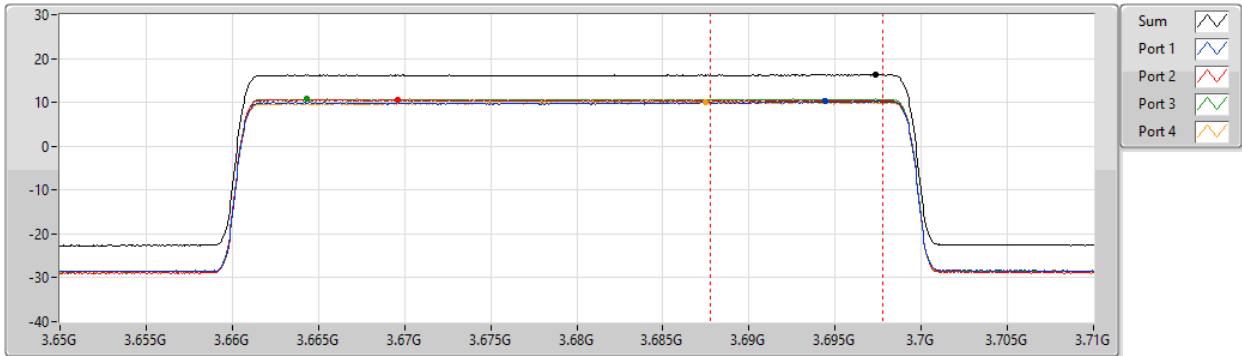
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.40	3.625G	60M	1M	3M	100m	RMS	1
12.47	3.625G	60M	1M	3M	100m	RMS	2
12.88	3.625G	60M	1M	3M	100m	RMS	3
12.07	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.37	29.39						

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX

PSD

3680MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



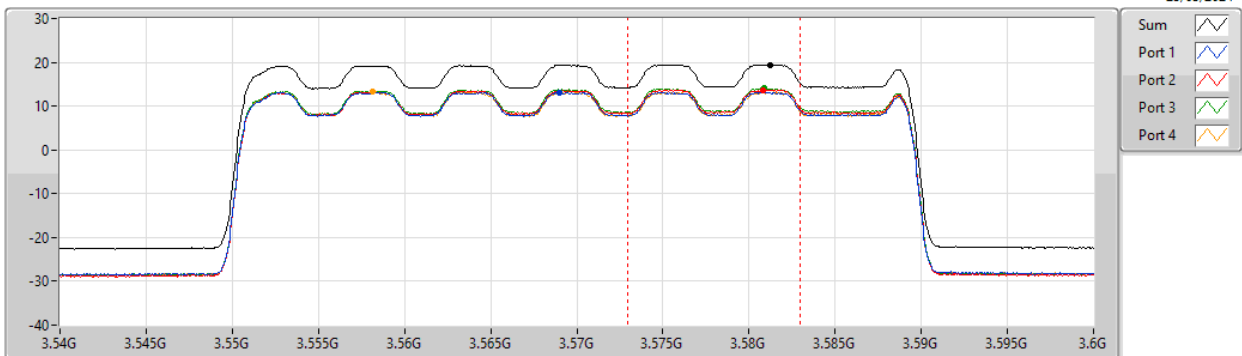
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.22	3.68G	60M	1M	3M	100m	RMS	1
10.61	3.68G	60M	1M	3M	100m	RMS	2
10.78	3.68G	60M	1M	3M	100m	RMS	3
10.14	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
16.30	27.36						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

PSD

3570MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



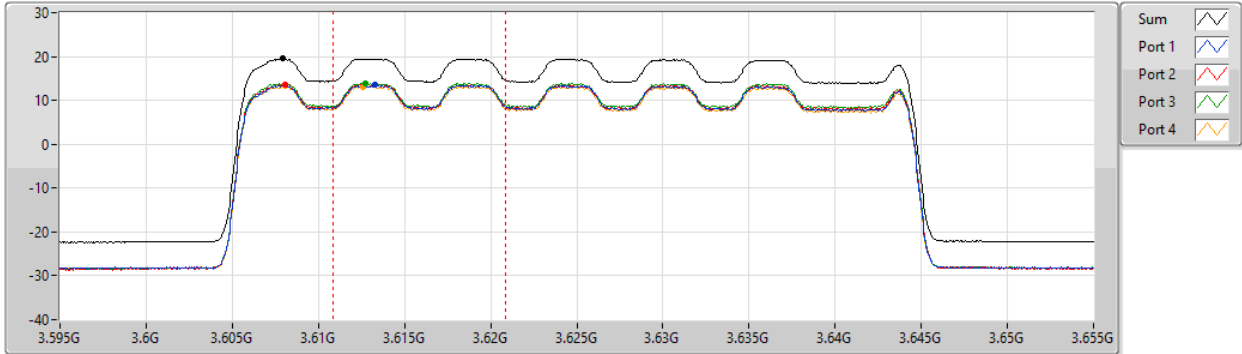
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.09	3.57G	60M	1M	3M	100m	RMS	1
13.68	3.57G	60M	1M	3M	100m	RMS	2
14.03	3.57G	60M	1M	3M	100m	RMS	3
13.22	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
19.44	28.99						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

PSD

3625MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



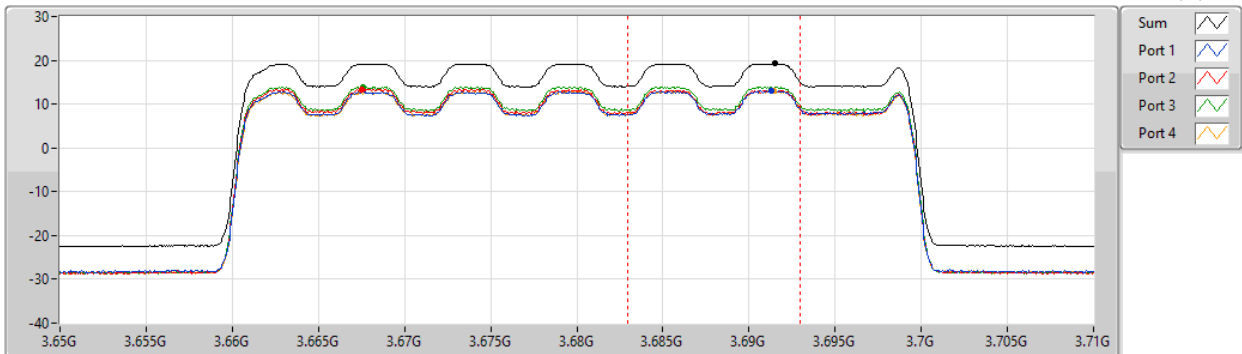
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.51	3.625G	60M	1M	3M	100m	RMS	1
13.57	3.625G	60M	1M	3M	100m	RMS	2
13.94	3.625G	60M	1M	3M	100m	RMS	3
13.17	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
19.48	29.01						

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

PSD

3680MHz_CP-OFDM_16QAM_Outer_Full

26/03/2024



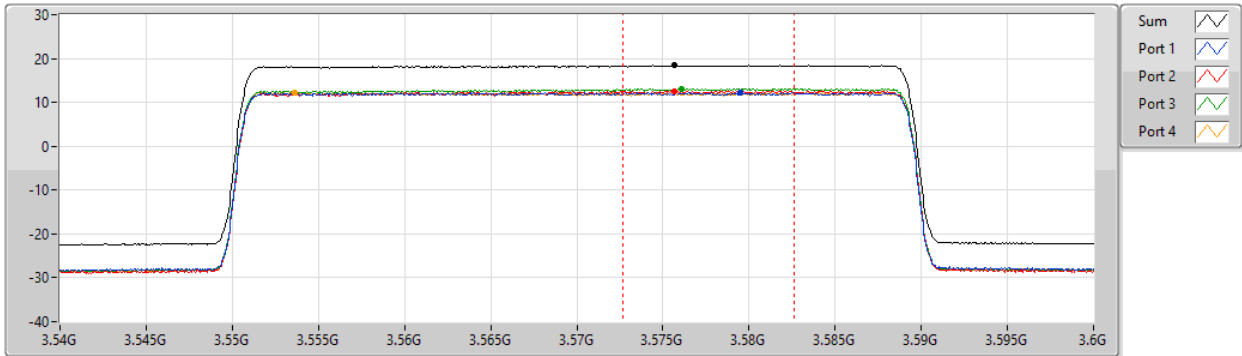
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.96	3.68G	60M	1M	3M	100m	RMS	1
13.42	3.68G	60M	1M	3M	100m	RMS	2
13.96	3.68G	60M	1M	3M	100m	RMS	3
13.03	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
19.20	28.76						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

PSD

3570MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



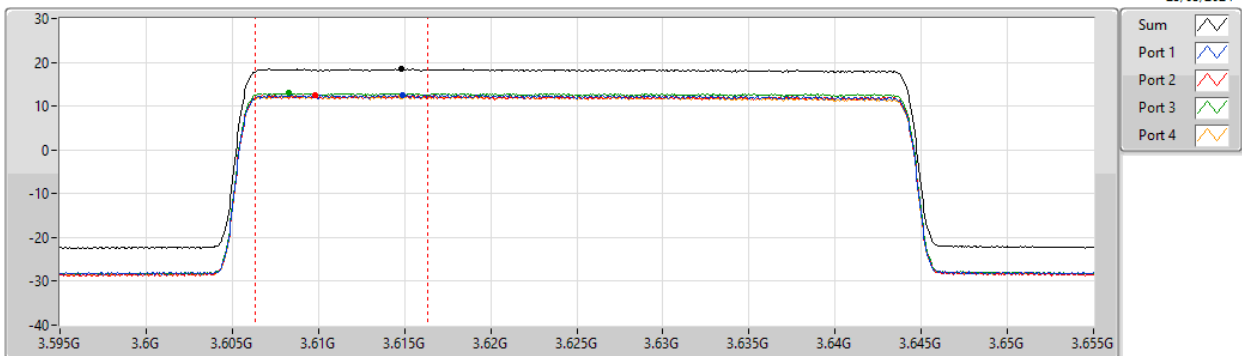
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.22	3.57G	60M	1M	3M	100m	RMS	1
12.57	3.57G	60M	1M	3M	100m	RMS	2
13.14	3.57G	60M	1M	3M	100m	RMS	3
12.25	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.43	29.43						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

PSD

3625MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024

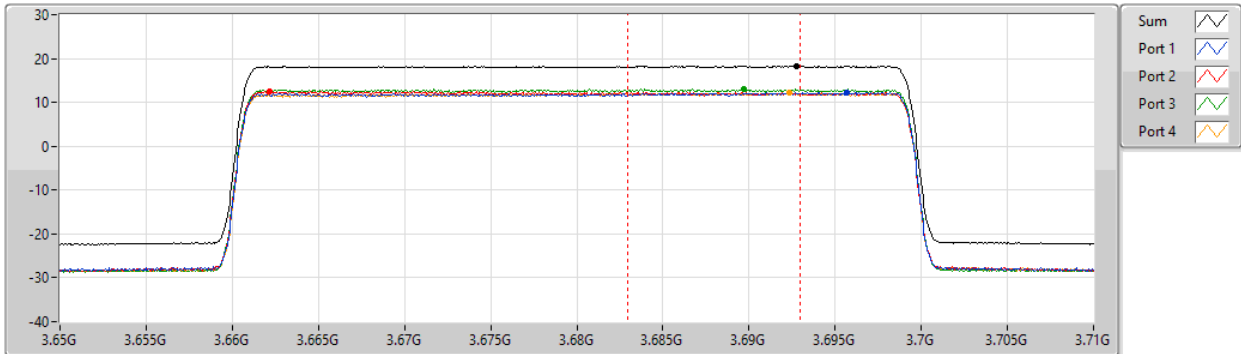


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.58	3.625G	60M	1M	3M	100m	RMS	1
12.41	3.625G	60M	1M	3M	100m	RMS	2
12.93	3.625G	60M	1M	3M	100m	RMS	3
12.26	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.47	29.41						

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX
3680MHz_CP-OFDM_64QAM_Outer_Full

PSD

26/03/2024

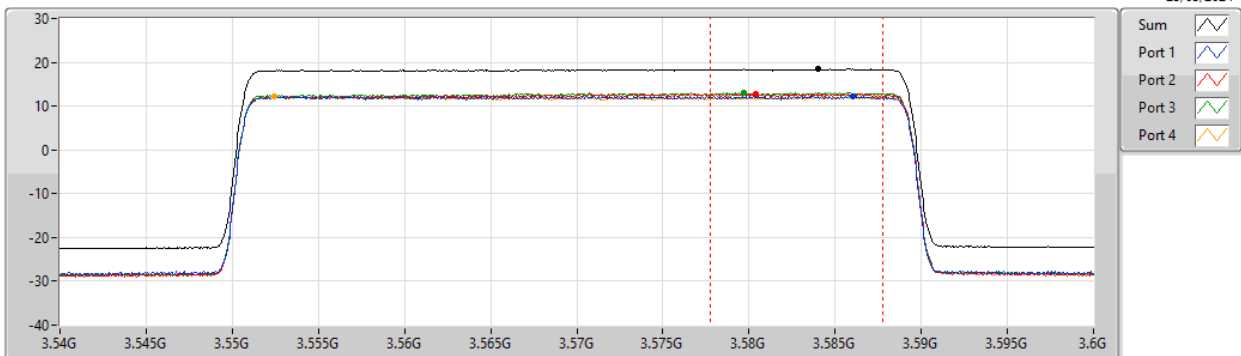


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.20	3.68G	60M	1M	3M	100m	RMS	1
12.50	3.68G	60M	1M	3M	100m	RMS	2
13.00	3.68G	60M	1M	3M	100m	RMS	3
12.09	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.25	29.25						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX
3570MHz_CP-OFDM_256QAM_Outer_Full

PSD

25/03/2024



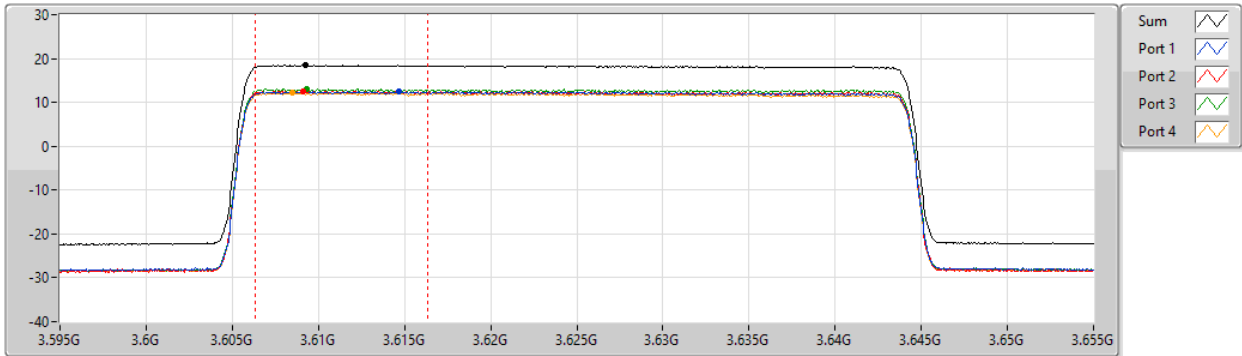
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.28	3.57G	60M	1M	3M	100m	RMS	1
12.79	3.57G	60M	1M	3M	100m	RMS	2
13.03	3.57G	60M	1M	3M	100m	RMS	3
12.13	3.57G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.46	29.44						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX

PSD

3625MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



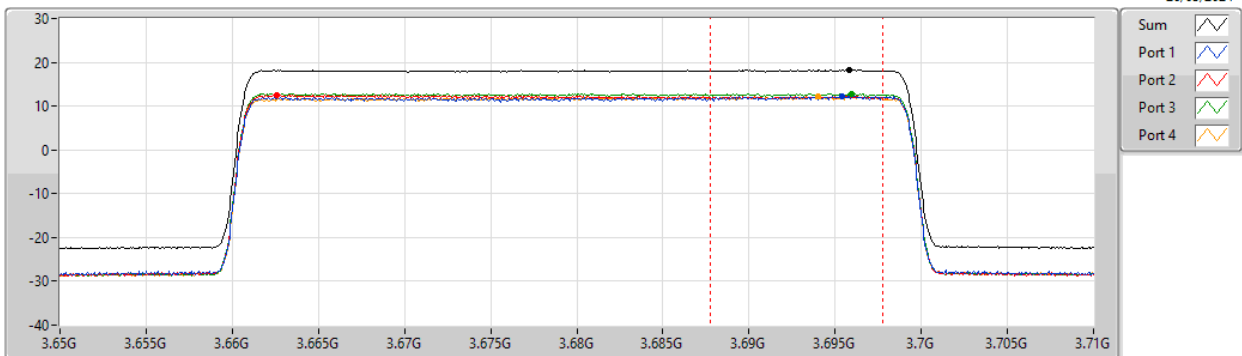
PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.48	3.625G	60M	1M	3M	100m	RMS	1
12.63	3.625G	60M	1M	3M	100m	RMS	2
13.11	3.625G	60M	1M	3M	100m	RMS	3
12.18	3.625G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.44	29.46						

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX

PSD

3680MHz_CP-OFDM_256QAM_Outer_Full

26/03/2024



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.21	3.68G	60M	1M	3M	100m	RMS	1
12.45	3.68G	60M	1M	3M	100m	RMS	2
12.86	3.68G	60M	1M	3M	100m	RMS	3
12.10	3.68G	60M	1M	3M	100m	RMS	4
Sum PD	Power						
(dBm/MHz)	(dBm/10MHz)						
18.23	29.21						

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band n48	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3560	13.00	9.30	1
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3560	13.00	9.24	1
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3690	13.00	9.40	1
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3560	13.00	9.32	1
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3625	13.00	9.46	1
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	Pass	3680	13.00	9.48	1
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	Pass	3570	13.00	9.54	1
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	Pass	3625	13.00	9.52	1

Result

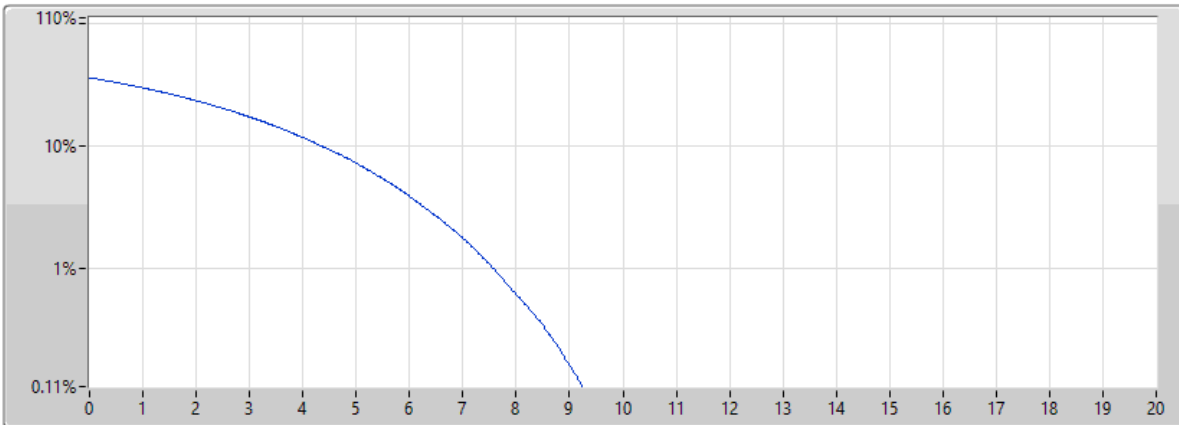
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.30	1
3625MHz_Outer_Full	Pass	3625	13.00	9.30	1
3690MHz_Outer_Full	Pass	3690	13.00	9.26	1
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.24	1
3625MHz_Outer_Full	Pass	3625	13.00	9.16	1
3690MHz_Outer_Full	Pass	3690	13.00	9.22	1
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.34	1
3625MHz_Outer_Full	Pass	3625	13.00	9.18	1
3690MHz_Outer_Full	Pass	3690	13.00	9.40	1
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3560MHz_Outer_Full	Pass	3560	13.00	9.32	1
3625MHz_Outer_Full	Pass	3625	13.00	9.24	1
3690MHz_Outer_Full	Pass	3690	13.00	9.24	1
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.42	1
3625MHz_Outer_Full	Pass	3625	13.00	9.46	1
3680MHz_Outer_Full	Pass	3680	13.00	9.32	1
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.40	1
3625MHz_Outer_Full	Pass	3625	13.00	9.36	1
3680MHz_Outer_Full	Pass	3680	13.00	9.48	1
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.54	1
3625MHz_Outer_Full	Pass	3625	13.00	9.54	1
3680MHz_Outer_Full	Pass	3680	13.00	9.44	1
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-
3570MHz_Outer_Full	Pass	3570	13.00	9.40	1
3625MHz_Outer_Full	Pass	3625	13.00	9.52	1
3680MHz_Outer_Full	Pass	3680	13.00	9.52	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

PAPR

3560MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



Port 1



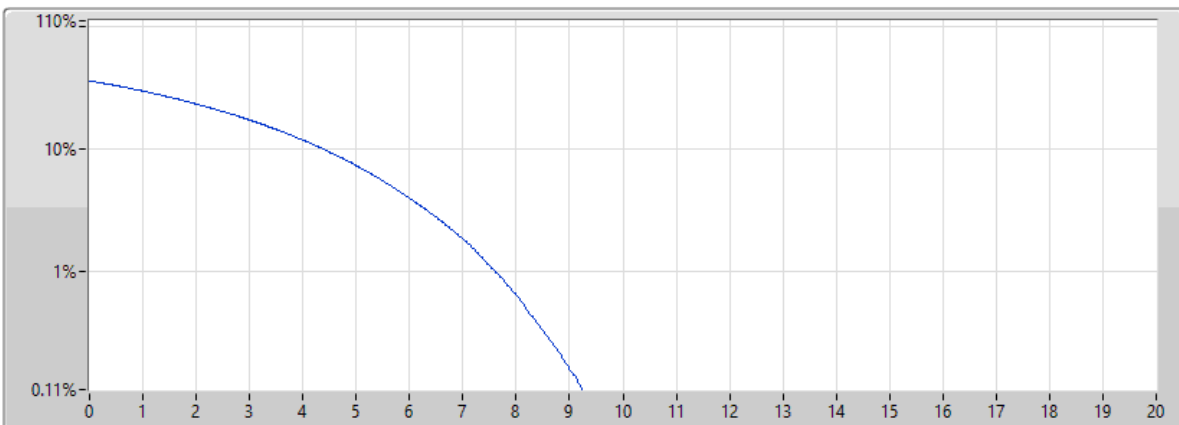
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.30	-3.70	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

PAPR

3625MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



Port 1



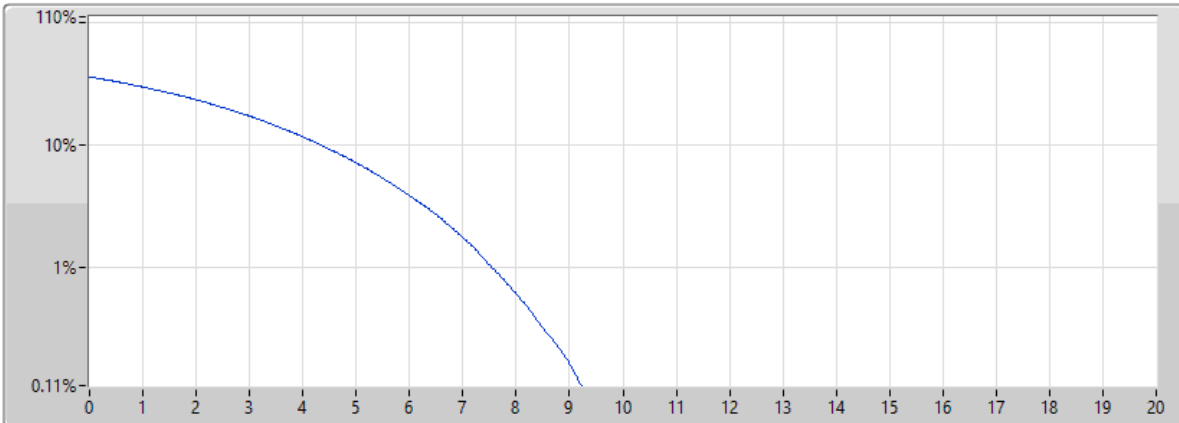
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.30	-3.70	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX

PAPR

3690MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



Port 1



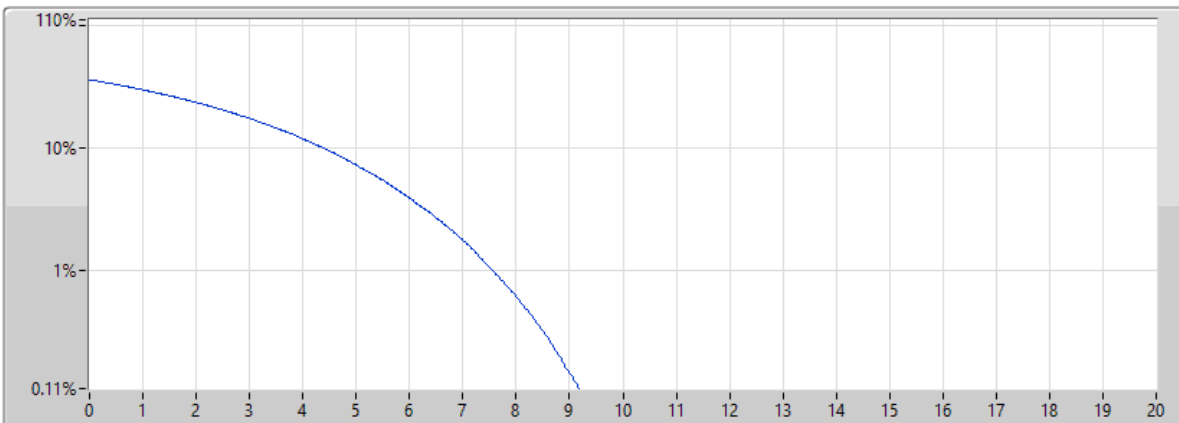
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.26	-3.74	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

PAPR

3560MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



Port 1



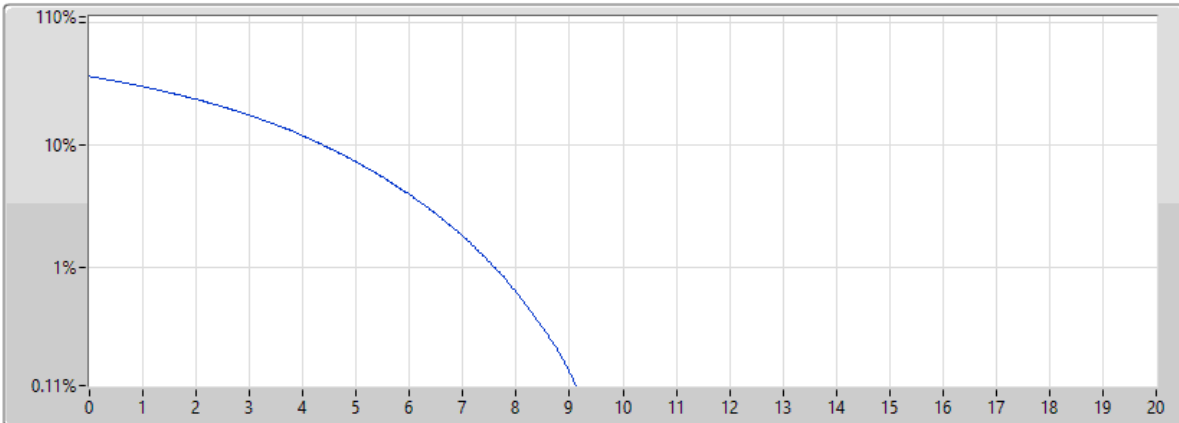
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.24	-3.76	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

PAPR

3625MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



Port 1



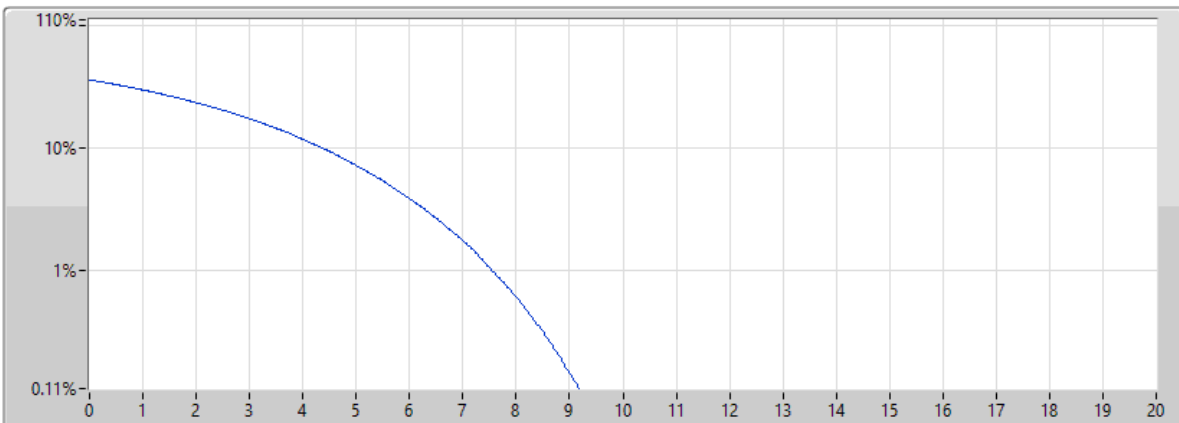
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.16	-3.84	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX

PAPR

3690MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



Port 1



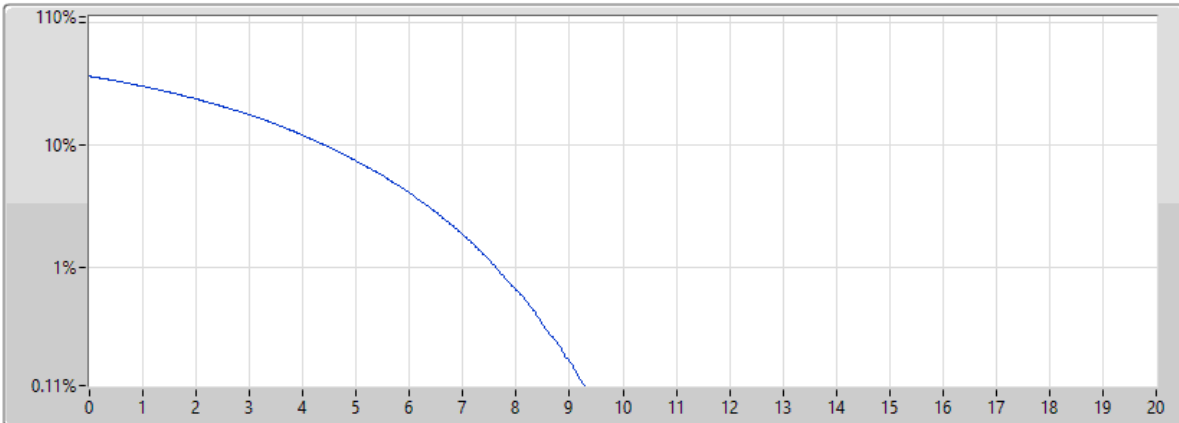
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.22	-3.78	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX

PAPR

3560MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



Port 1



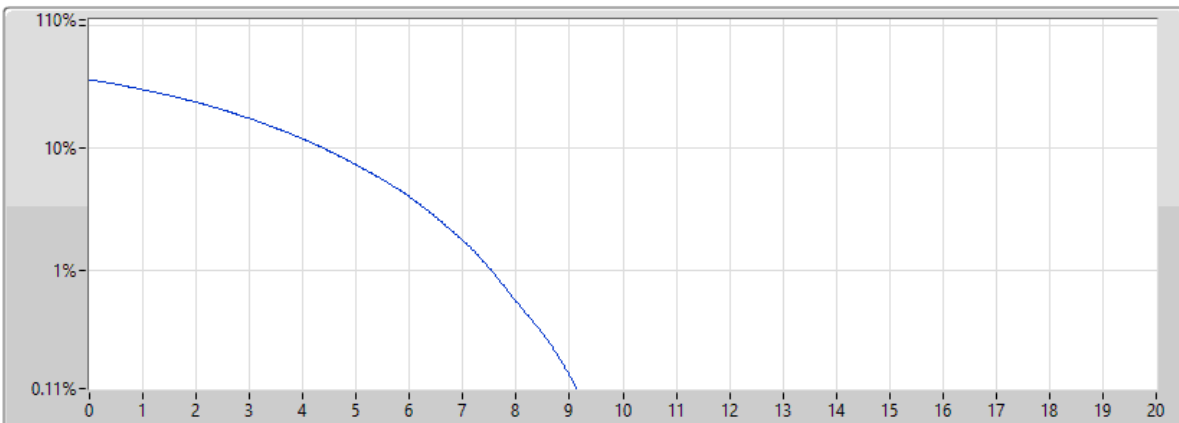
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.34	-3.66	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX

PAPR

3625MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



Port 1



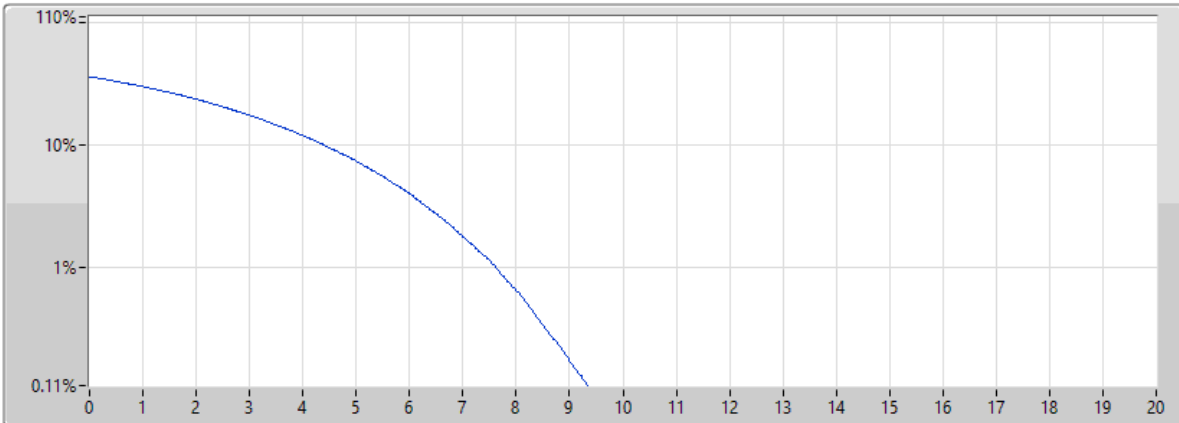
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.18	-3.82	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX

PAPR

3690MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



Port 1



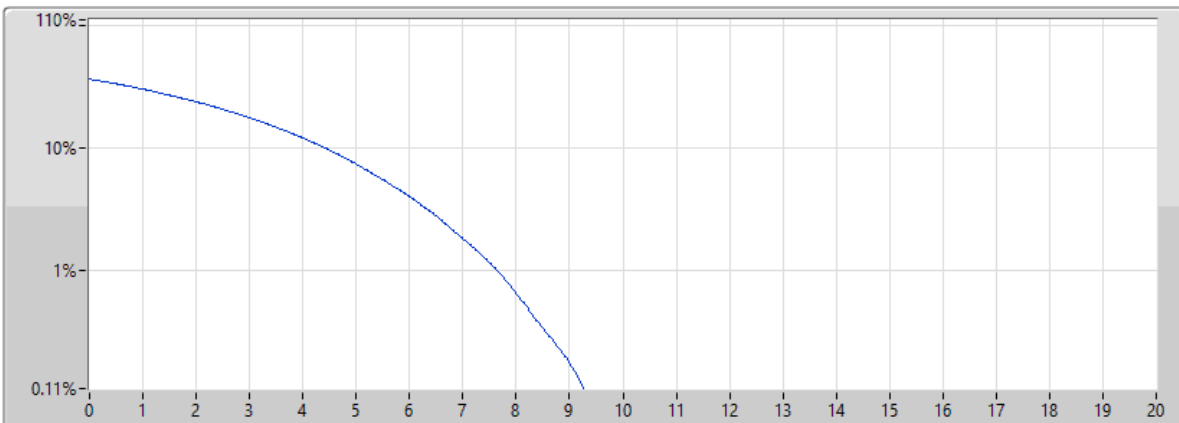
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.40	-3.60	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX

PAPR

3560MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



Port 1



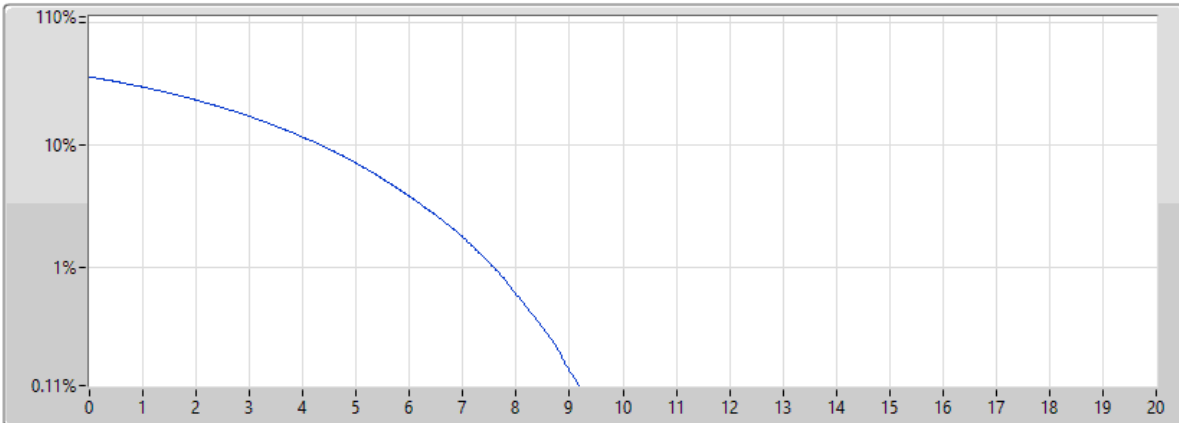
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3560	20M	9.32	-3.68	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX

PAPR

3625MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



Port 1



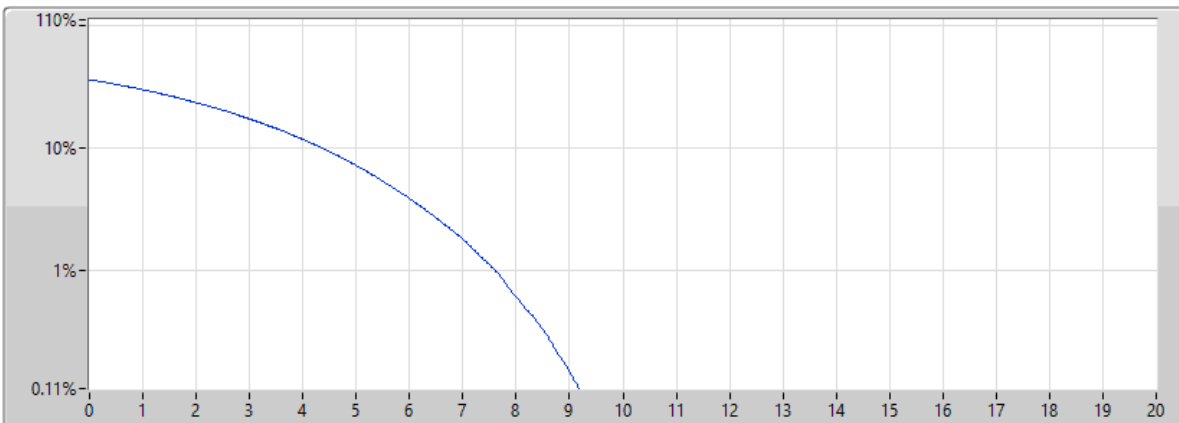
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	20M	9.24	-3.76	13.00	1

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX

PAPR

3690MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



Port 1



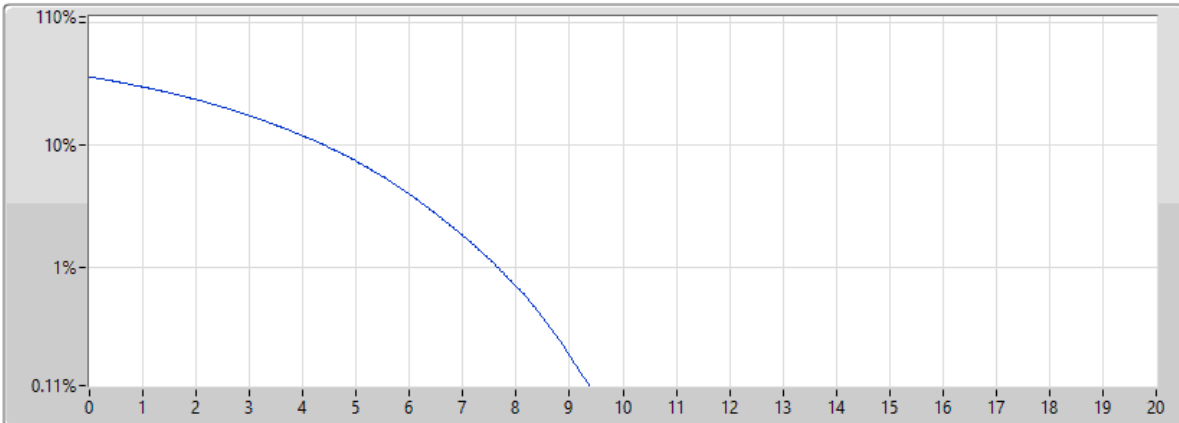
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	9.24	-3.76	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX

PAPR

3570MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



Port 1



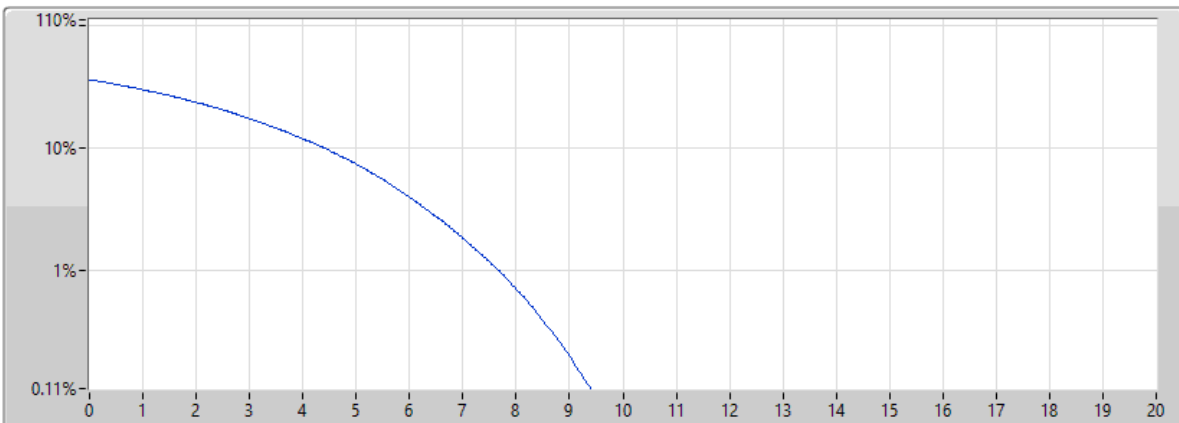
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.42	-3.58	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX

PAPR

3625MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



Port 1



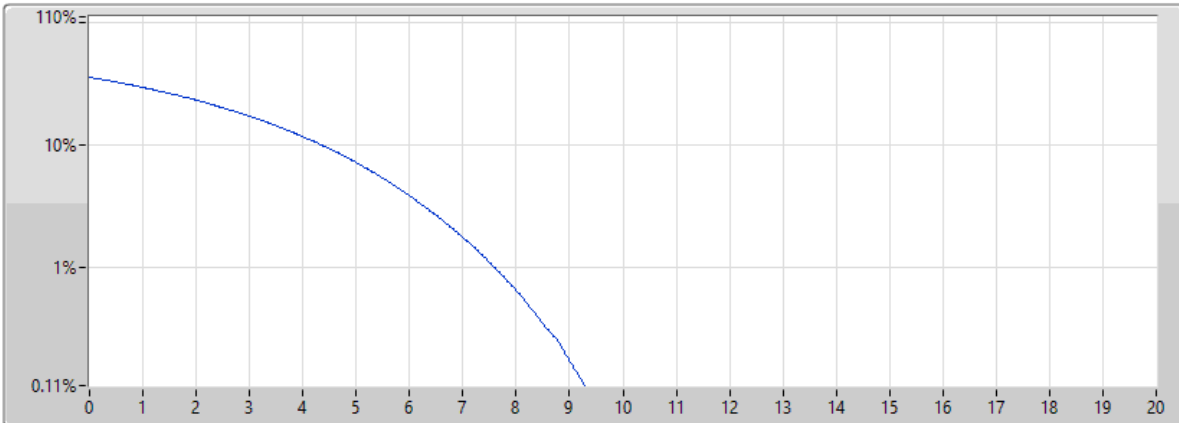
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.46	-3.54	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX

PAPR

3680MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024

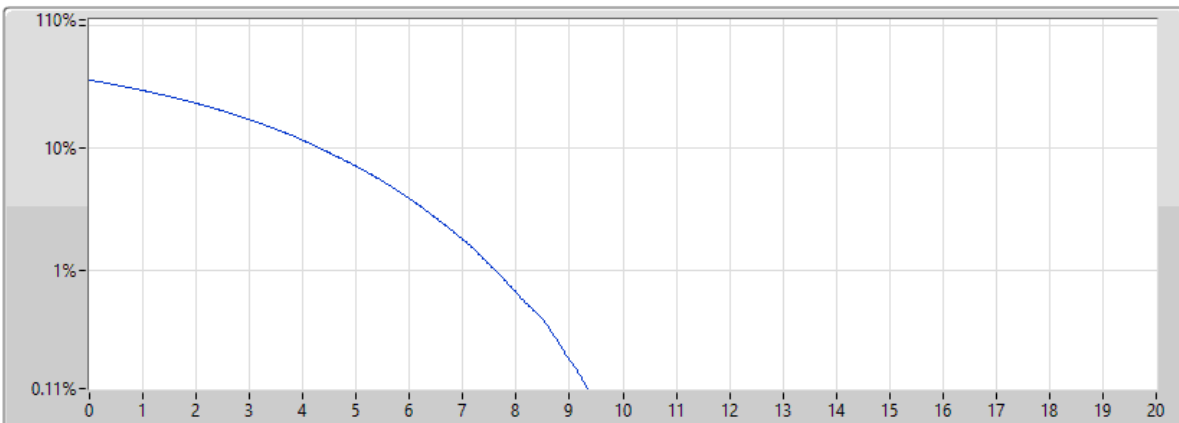


Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

PAPR

3570MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024

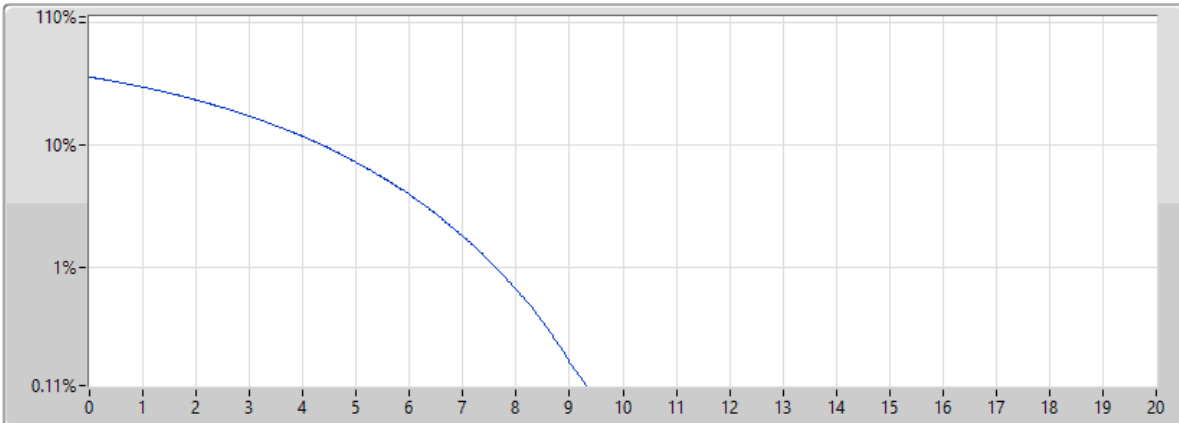


Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

PAPR

3625MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



Port 1



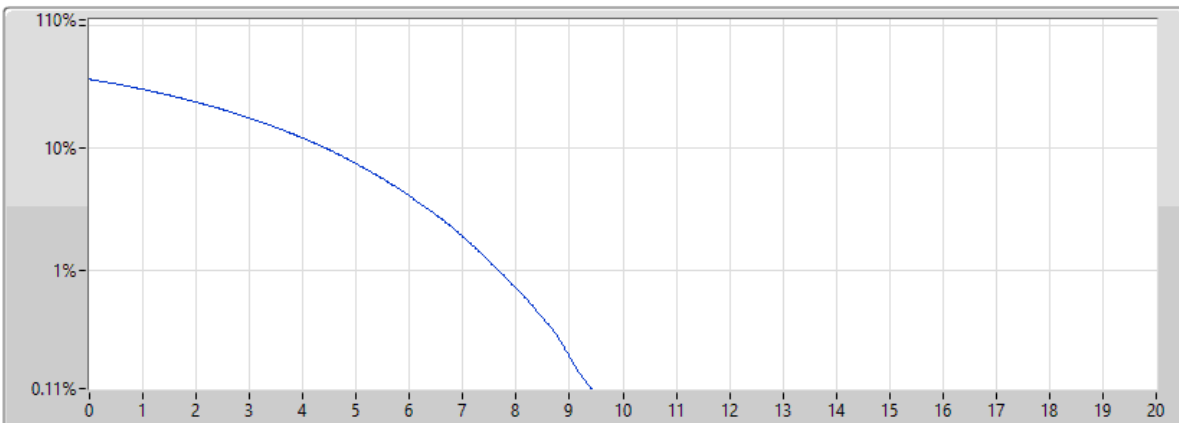
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.36	-3.64	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX

PAPR

3680MHz_CP-OFDM_16QAM_Outer_Full

25/03/2024



Port 1



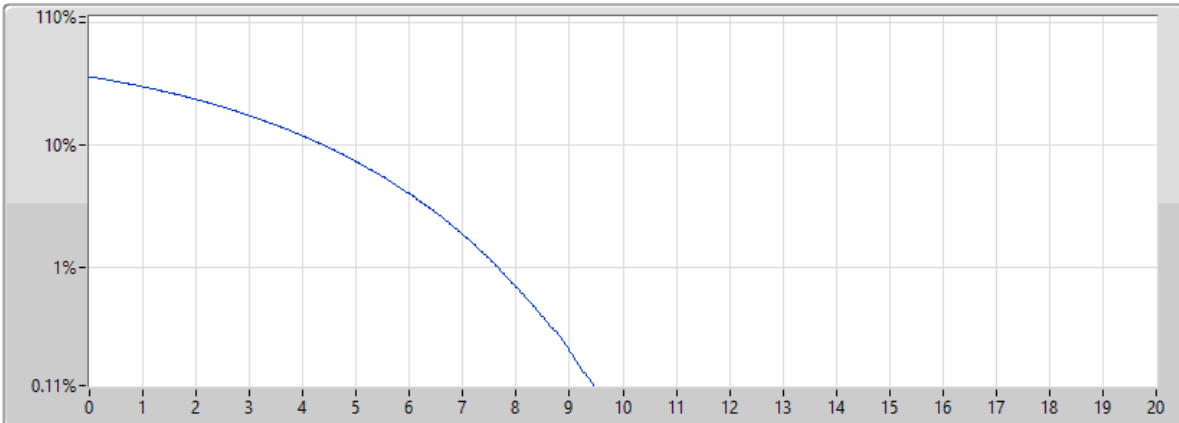
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.48	-3.52	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

PAPR

3570MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



Port 1



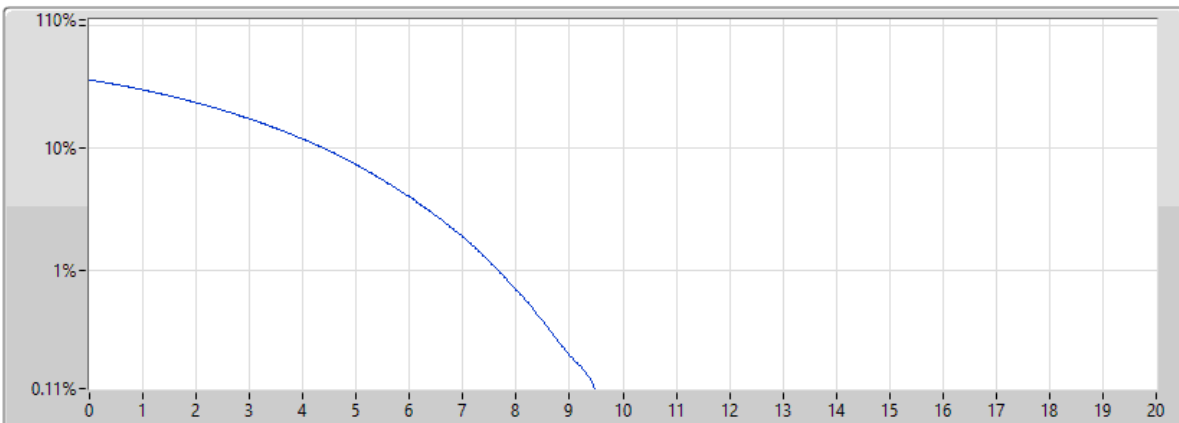
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.54	-3.46	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

PAPR

3625MHz_CP-OFDM_64QAM_Outer_Full

25/03/2024



Port 1



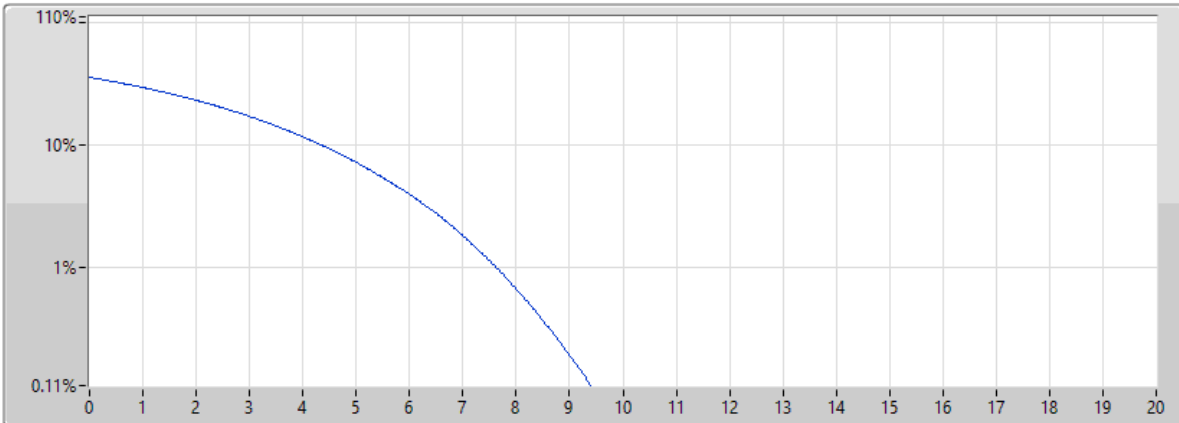
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.54	-3.46	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX

PAPR

3680MHz_CP-OFDM_64QAM_Outer_Full

26/03/2024



Port 1



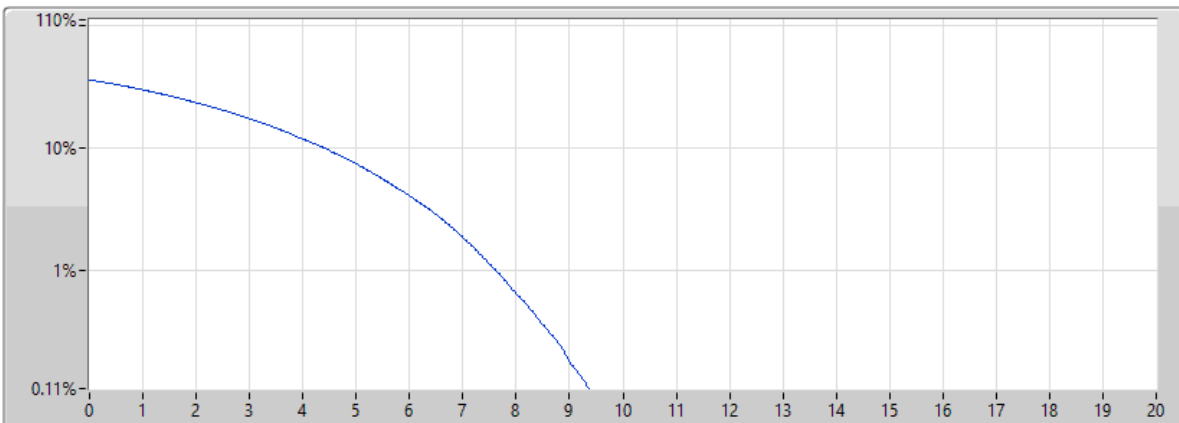
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.44	-3.56	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX

PAPR

3570MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



Port 1



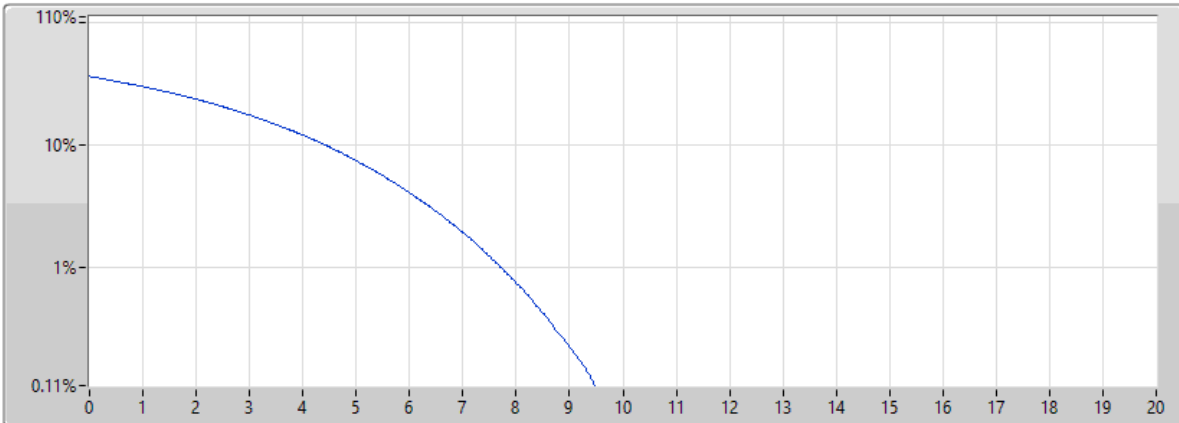
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3570	40M	9.40	-3.60	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX

PAPR

3625MHz_CP-OFDM_256QAM_Outer_Full

25/03/2024



Port 1



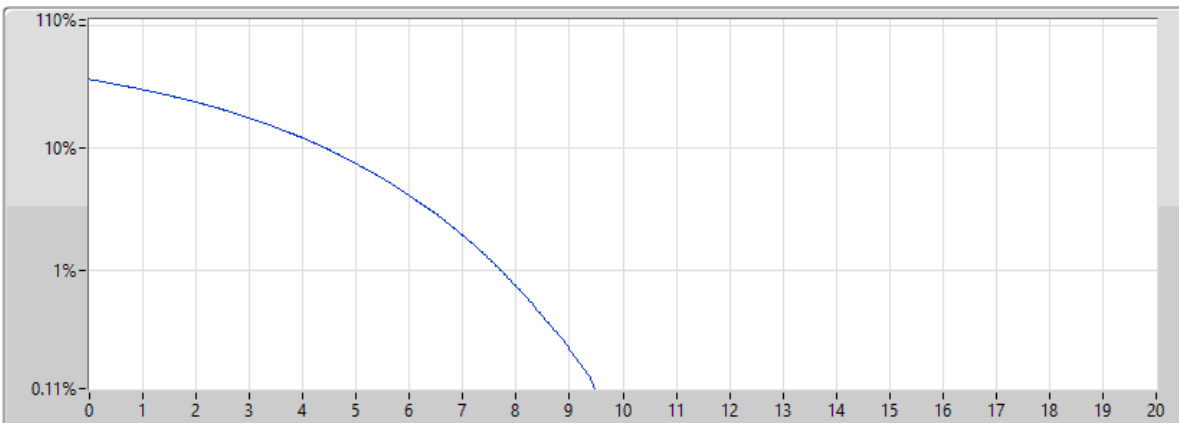
Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3625	40M	9.52	-3.48	13.00	1

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX

PAPR

3680MHz_CP-OFDM_256QAM_Outer_Full

26/03/2024



Port 1



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3680	40M	9.52	-3.48	13.00	1

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band n48	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	19.725M	18.284M	18M3G7D	19M	18.106M
NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	19.725M	18.333M	18M3W7D	18.975M	18.21M
NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	19.6M	18.276M	18M3W7D	19M	18.04M
NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	19.825M	18.282M	18M3W7D	18.95M	18.078M
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	39.65M	37.943M	37M9G7D	38.75M	37.691M
NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	39.6M	37.973M	38M0W7D	38.9M	37.797M
NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	39.35M	37.998M	38M0W7D	38.65M	37.782M
NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	39.25M	38.023M	38M0W7D	38.6M	37.336M

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

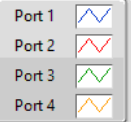
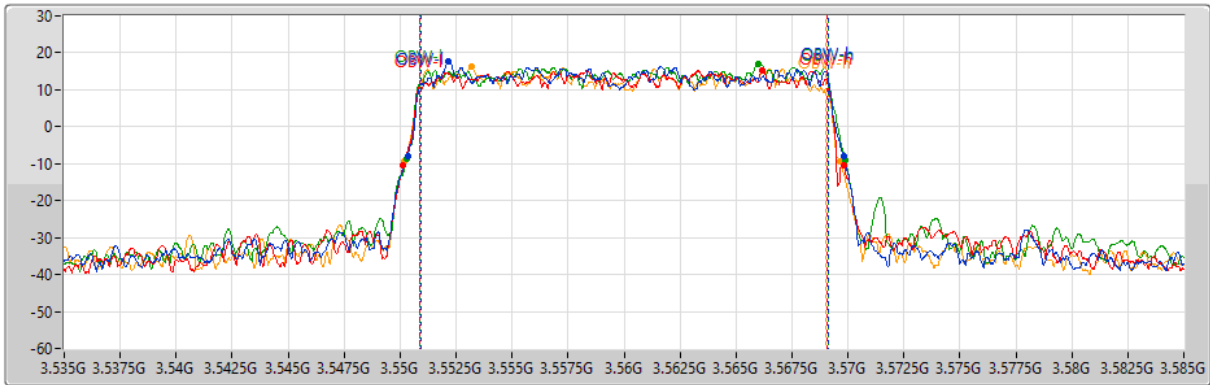
Result

Mode	Result	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Limit (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Limit (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Limit (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)	Limit (Hz)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.475M	18.196M	Inf	19.65M	18.227M	Inf	19.575M	18.265M	Inf	19.45M	18.151M	Inf
3625MHz_Outer_Full	Pass	19M	18.222M	Inf	19.175M	18.242M	Inf	19.475M	18.283M	Inf	19.625M	18.106M	Inf
3690MHz_Outer_Full	Pass	19.075M	18.238M	Inf	19.125M	18.242M	Inf	19.7M	18.234M	Inf	19.725M	18.284M	Inf
Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.275M	18.262M	Inf	19.425M	18.293M	Inf	19.15M	18.256M	Inf	19.25M	18.269M	Inf
3625MHz_Outer_Full	Pass	18.975M	18.21M	Inf	19.625M	18.305M	Inf	19.2M	18.261M	Inf	19.6M	18.304M	Inf
3690MHz_Outer_Full	Pass	19.475M	18.23M	Inf	19.075M	18.212M	Inf	19.725M	18.299M	Inf	19.575M	18.333M	Inf
Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.025M	18.04M	Inf	19.125M	18.105M	Inf	19.4M	18.194M	Inf	19.25M	18.204M	Inf
3625MHz_Outer_Full	Pass	19.1M	18.142M	Inf	19.275M	18.232M	Inf	19.3M	18.252M	Inf	19.175M	18.109M	Inf
3690MHz_Outer_Full	Pass	19.6M	18.183M	Inf	19.375M	18.276M	Inf	19.475M	18.235M	Inf	19M	18.267M	Inf
Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	19.275M	18.27M	Inf	19.375M	18.282M	Inf	19.5M	18.247M	Inf	18.95M	18.18M	Inf
3625MHz_Outer_Full	Pass	19.25M	18.261M	Inf	18.975M	18.078M	Inf	19.525M	18.232M	Inf	19.825M	18.232M	Inf
3690MHz_Outer_Full	Pass	19.3M	18.193M	Inf	19.3M	18.24M	Inf	19.625M	18.279M	Inf	19.7M	18.263M	Inf
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	38.95M	37.866M	Inf	38.9M	37.82M	Inf	39.15M	37.765M	Inf	39.65M	37.887M	Inf
3625MHz_Outer_Full	Pass	39.15M	37.798M	Inf	38.75M	37.691M	Inf	38.8M	37.943M	Inf	39.35M	37.709M	Inf
3680MHz_Outer_Full	Pass	39.5M	37.894M	Inf	38.75M	37.846M	Inf	39.35M	37.905M	Inf	39.35M	37.79M	Inf
Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39.3M	37.95M	Inf	39.15M	37.941M	Inf	39.35M	37.892M	Inf	38.9M	37.797M	Inf
3625MHz_Outer_Full	Pass	39.6M	37.875M	Inf	38.9M	37.853M	Inf	39.2M	37.808M	Inf	39.1M	37.922M	Inf
3680MHz_Outer_Full	Pass	39.25M	37.844M	Inf	39.35M	37.824M	Inf	39.6M	37.973M	Inf	39.25M	37.881M	Inf
Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39M	37.807M	Inf	38.65M	37.897M	Inf	38.75M	37.881M	Inf	39.1M	37.806M	Inf
3625MHz_Outer_Full	Pass	39.35M	37.782M	Inf	38.7M	37.918M	Inf	38.65M	37.954M	Inf	39M	37.813M	Inf
3680MHz_Outer_Full	Pass	39.15M	37.876M	Inf	39.1M	37.998M	Inf	38.75M	37.966M	Inf	38.9M	37.795M	Inf
Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	39.25M	37.945M	Inf	38.6M	37.568M	Inf	38.75M	37.723M	Inf	38.85M	37.769M	Inf
3625MHz_Outer_Full	Pass	38.75M	37.795M	Inf	38.65M	37.336M	Inf	38.65M	37.345M	Inf	38.95M	37.831M	Inf
3680MHz_Outer_Full	Pass	39.25M	37.756M	Inf	38.7M	38.023M	Inf	38.7M	37.868M	Inf	38.8M	37.821M	Inf

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

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
EBW
3560MHz_CP-OFDM_QPSK_Outer_Full

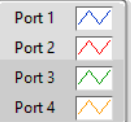
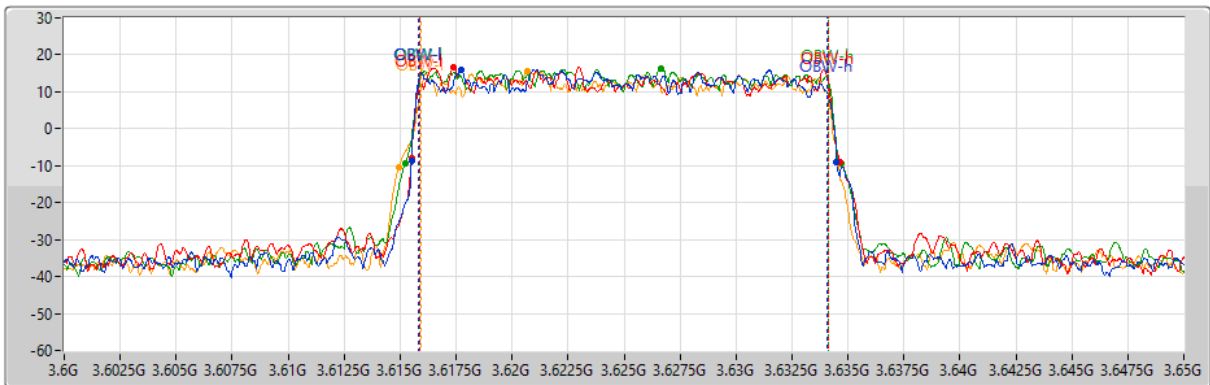
25/03/2024



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	3.550325G	3.5698G	18.196M	3.550923G	3.569119G	1	3.56G	50M	300k	1M
19.65M	3.55015G	3.5698G	18.227M	3.550865G	3.569092G	2	3.56G	50M	300k	1M
19.575M	3.5503G	3.569875G	18.265M	3.550871G	3.569135G	3	3.56G	50M	300k	1M
19.45M	3.5502G	3.56965G	18.151M	3.550883G	3.569033G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
EBW
3625MHz_CP-OFDM_QPSK_Outer_Full

25/03/2024



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	3.6155G	3.6345G	18.222M	3.615822G	3.634043G	1	3.625G	50M	300k	1M
19.175M	3.6155G	3.634675G	18.242M	3.615866G	3.634108G	2	3.625G	50M	300k	1M
19.475M	3.615225G	3.6347G	18.283M	3.615856G	3.634139G	3	3.625G	50M	300k	1M
19.625M	3.61495G	3.634575G	18.106M	3.615932G	3.634038G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
EBW
3690MHz_CP-OFDM_QPSK_Outer_Full

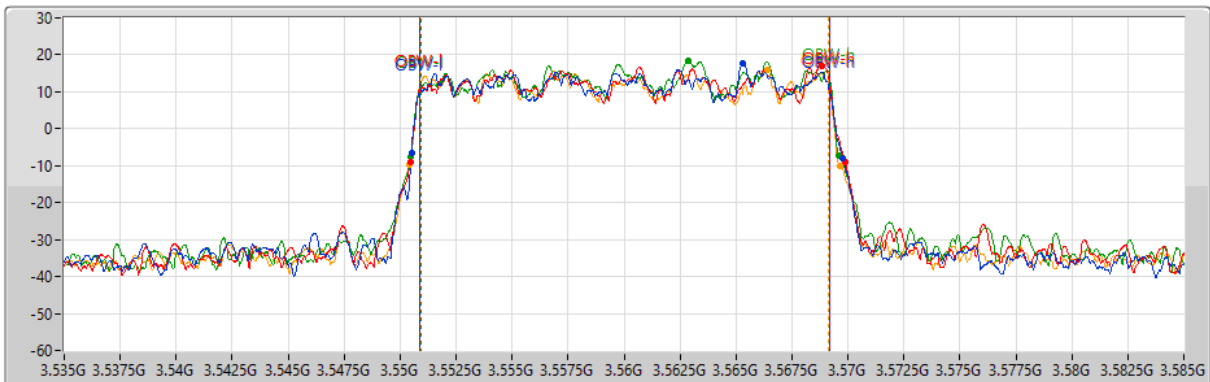
25/03/2024


Port 1
Port 2
Port 3
Port 4

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)
19.075M	3.6804G	3.699475G	18.238M	3.680867G	3.699106G	1	3.69G	50M	300k	1M
19.125M	3.6805G	3.699625G	18.242M	3.680847G	3.699088G	2	3.69G	50M	300k	1M
19.7M	3.68025G	3.69995G	18.234M	3.680893G	3.699126G	3	3.69G	50M	300k	1M
19.725M	3.68025G	3.69975G	18.284M	3.680827G	3.69911G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX
EBW
3560MHz_CP-OFDM_16QAM_Outer_Full

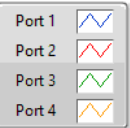
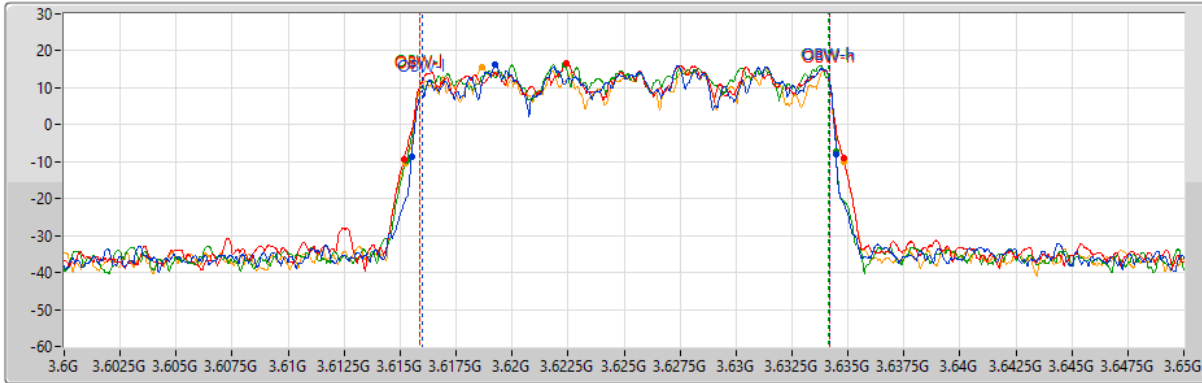
25/03/2024


Port 1
Port 2
Port 3
Port 4

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)
19.275M	3.5505G	3.569775G	18.262M	3.550893G	3.569155G	1	3.56G	50M	300k	1M
19.425M	3.55045G	3.569875G	18.293M	3.550894G	3.569186G	2	3.56G	50M	300k	1M
19.15M	3.55045G	3.5696G	18.256M	3.550932G	3.569188G	3	3.56G	50M	300k	1M
19.25M	3.550425G	3.569675G	18.269M	3.550874G	3.569143G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX
EBW
3625MHz_CP-OFDM_16QAM_Outer_Full

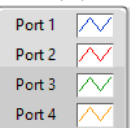
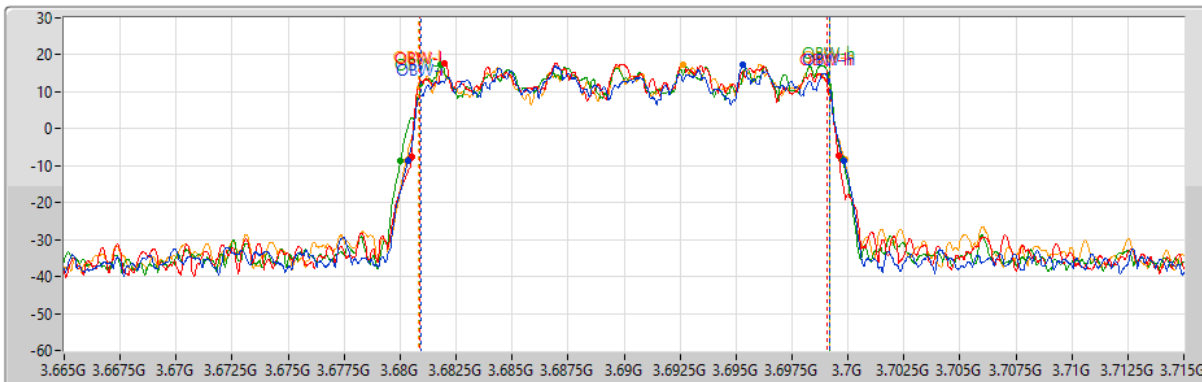
25/03/2024



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)
18.975M	3.6155G	3.634475G	18.21M	3.615967G	3.634177G	1	3.625G	50M	300k	1M
19.625M	3.615175G	3.6348G	18.305M	3.615863G	3.634168G	2	3.625G	50M	300k	1M
19.2M	3.615275G	3.634475G	18.261M	3.61589G	3.634151G	3	3.625G	50M	300k	1M
19.6M	3.615225G	3.634825G	18.304M	3.615874G	3.634178G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_16QAM_4TX
EBW
3690MHz_CP-OFDM_16QAM_Outer_Full

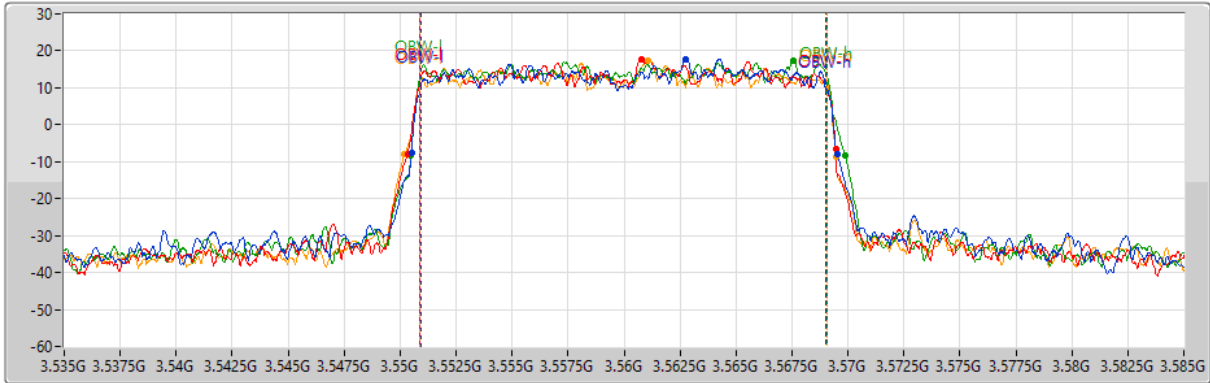
25/03/2024



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	3.68035G	3.699825G	18.23M	3.680937G	3.699167G	1	3.69G	50M	300k	1M
19.075M	3.6805G	3.699575G	18.212M	3.680861G	3.699073G	2	3.69G	50M	300k	1M
19.725M	3.680025G	3.69975G	18.299M	3.680881G	3.69918G	3	3.69G	50M	300k	1M
19.575M	3.680275G	3.69985G	18.333M	3.680835G	3.699168G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX
EBW
3560MHz_CP-OFDM_64QAM_Outer_Full

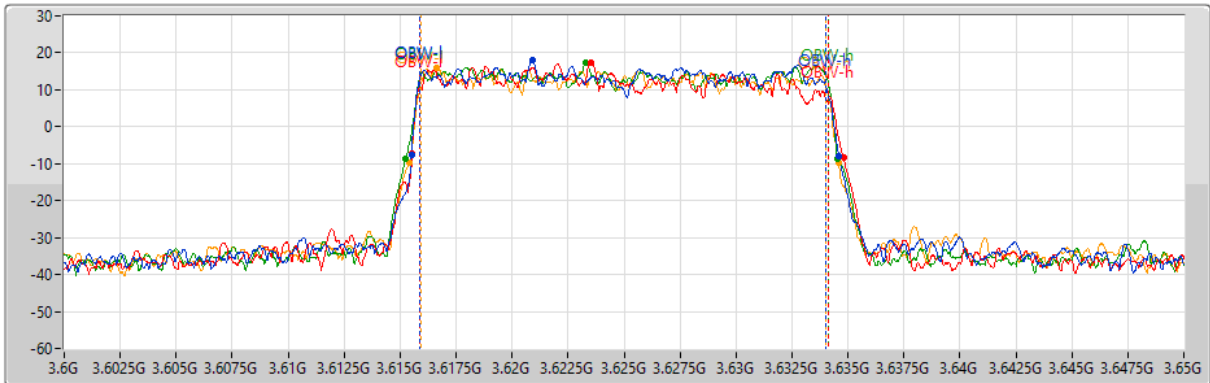
25/03/2024



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	3.5505G	3.569525G	18.04M	3.550962G	3.569002G	1	3.56G	50M	300k	1M
19.125M	3.550325G	3.56945G	18.105M	3.550898G	3.569003G	2	3.56G	50M	300k	1M
19.4M	3.550475G	3.569875G	18.194M	3.550898G	3.569092G	3	3.56G	50M	300k	1M
19.25M	3.5502G	3.56945G	18.204M	3.55086G	3.569064G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX
EBW
3625MHz_CP-OFDM_64QAM_Outer_Full

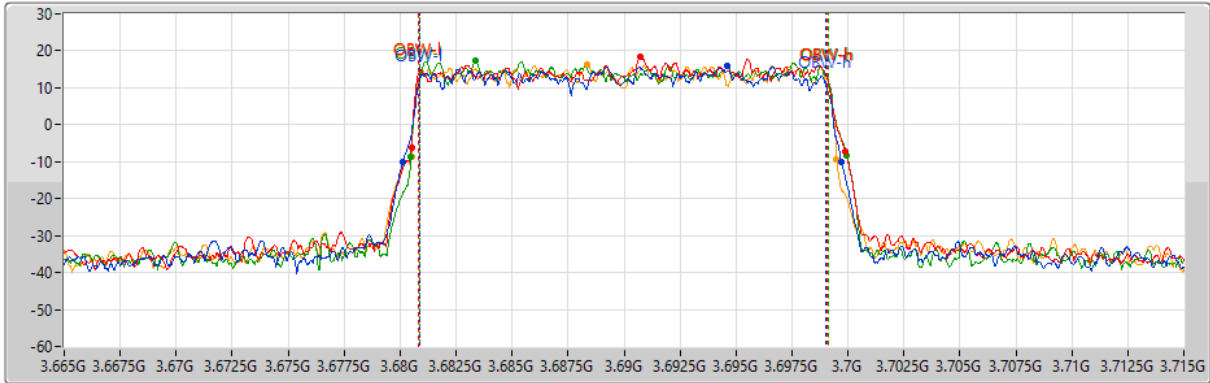
25/03/2024



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)
19.1M	3.6155G	3.6346G	18.142M	3.61587G	3.634011G	1	3.625G	50M	300k	1M
19.275M	3.615525G	3.6348G	18.232M	3.615876G	3.634109G	2	3.625G	50M	300k	1M
19.3M	3.61525G	3.63455G	18.252M	3.61585G	3.634102G	3	3.625G	50M	300k	1M
19.175M	3.6154G	3.634575G	18.109M	3.615921G	3.63403G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_64QAM_4TX
EBW
3690MHz_CP-OFDM_64QAM_Outer_Full

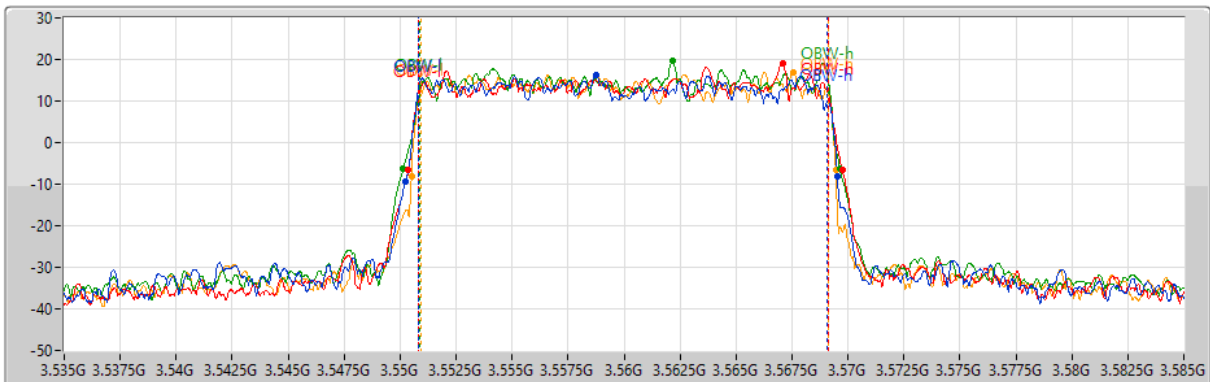
25/03/2024


Port 1
Port 2
Port 3
Port 4

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	3.680125G	3.699725G	18.183M	3.680853G	3.699036G	1	3.69G	50M	300k	1M
19.375M	3.6805G	3.699875G	18.276M	3.680816G	3.699092G	2	3.69G	50M	300k	1M
19.475M	3.680475G	3.69995G	18.235M	3.680889G	3.699124G	3	3.69G	50M	300k	1M
19M	3.6805G	3.6995G	18.267M	3.680843G	3.69911G	4	3.69G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX
EBW
3560MHz_CP-OFDM_256QAM_Outer_Full

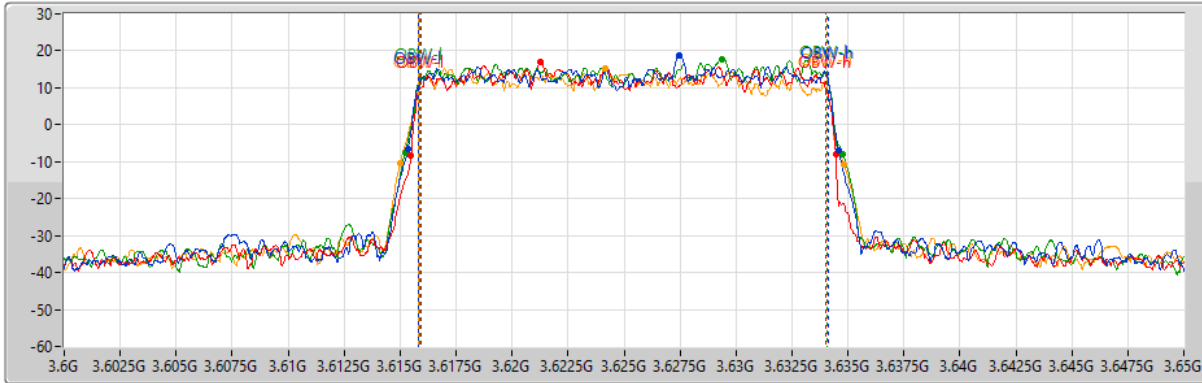
25/03/2024


Port 1
Port 2
Port 3
Port 4

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)
19.275M	3.55025G	3.569525G	18.27M	3.550814G	3.569084G	1	3.56G	50M	300k	1M
19.375M	3.550375G	3.56975G	18.282M	3.550842G	3.569124G	2	3.56G	50M	300k	1M
19.5M	3.55015G	3.56965G	18.247M	3.550885G	3.569133G	3	3.56G	50M	300k	1M
18.95M	3.5505G	3.56945G	18.18M	3.550926G	3.569106G	4	3.56G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX
EBW
3625MHz_CP-OFDM_256QAM_Outer_Full

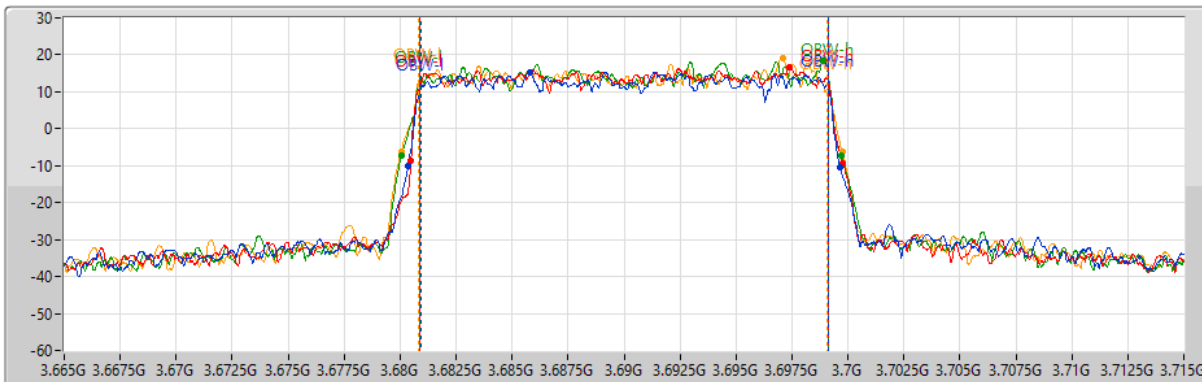
25/03/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.25M	3.61535G	3.6346G	18.261M	3.615838G	3.634098G	1	3.625G	50M	300k	1M
18.975M	3.615475G	3.63445G	18.078M	3.615914G	3.633992G	2	3.625G	50M	300k	1M
19.525M	3.615225G	3.63475G	18.232M	3.615864G	3.634096G	3	3.625G	50M	300k	1M
19.825M	3.615G	3.634825G	18.232M	3.615813G	3.634045G	4	3.625G	50M	300k	1M

Band n48_NR_20MHz_Nss4,CP-OFDM_256QAM_4TX
EBW
3690MHz_CP-OFDM_256QAM_Outer_Full

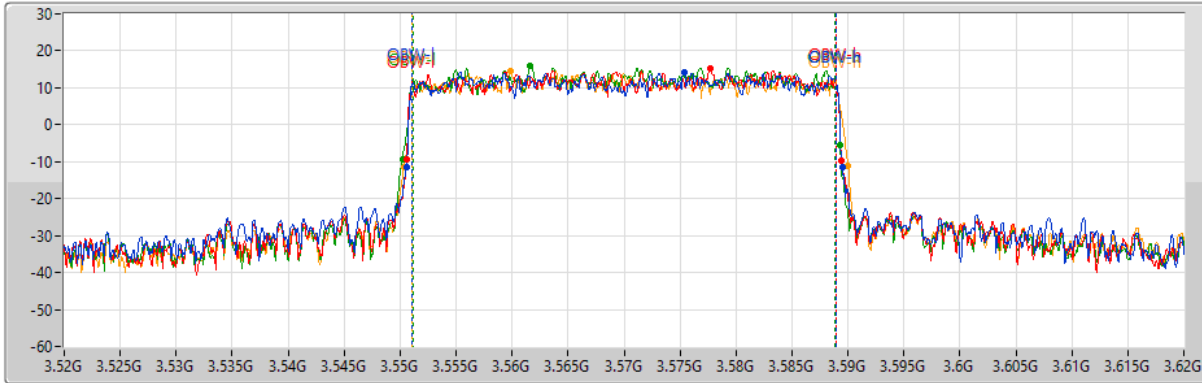
25/03/2024


Port 1
Port 2
Port 3
Port 4

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)
19.3M	3.68035G	3.69965G	18.193M	3.680912G	3.699106G	1	3.69G	50M	300k	1M
19.3M	3.680475G	3.699775G	18.24M	3.680884G	3.699124G	2	3.69G	50M	300k	1M
19.625M	3.680075G	3.6997G	18.279M	3.680849G	3.699128G	3	3.69G	50M	300k	1M
19.7M	3.68005G	3.69975G	18.263M	3.680819G	3.699082G	4	3.69G	50M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
EBW
3570MHz_CP-OFDM_QPSK_Outer_Full

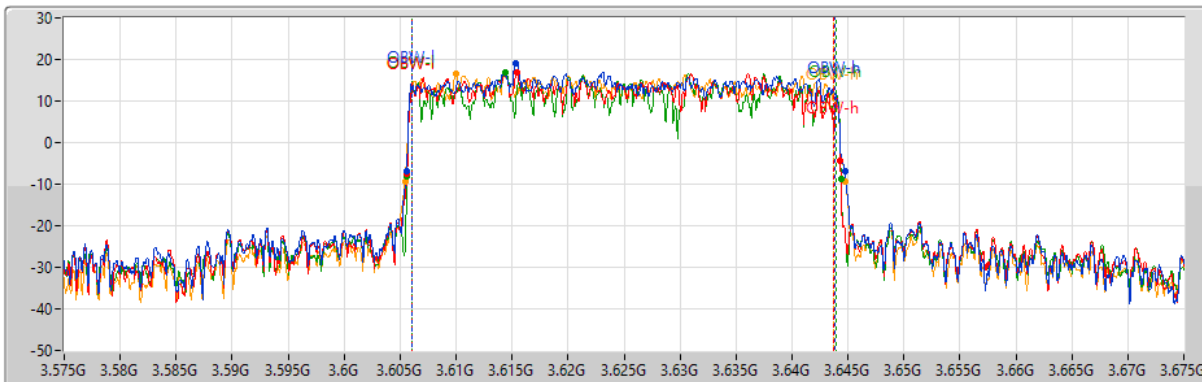
25/03/2024


Port 1
Port 2
Port 3
Port 4

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)
38.95M	3.55055G	3.5895G	37.866M	3.551085G	3.588951G	1	3.57G	100M	300k	1M
38.9M	3.55055G	3.58945G	37.82M	3.551101G	3.588921G	2	3.57G	100M	300k	1M
39.15M	3.5502G	3.58935G	37.765M	3.551116G	3.58888G	3	3.57G	100M	300k	1M
39.65M	3.55035G	3.59G	37.887M	3.551093G	3.58898G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
EBW
3625MHz_CP-OFDM_QPSK_Outer_Full

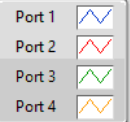
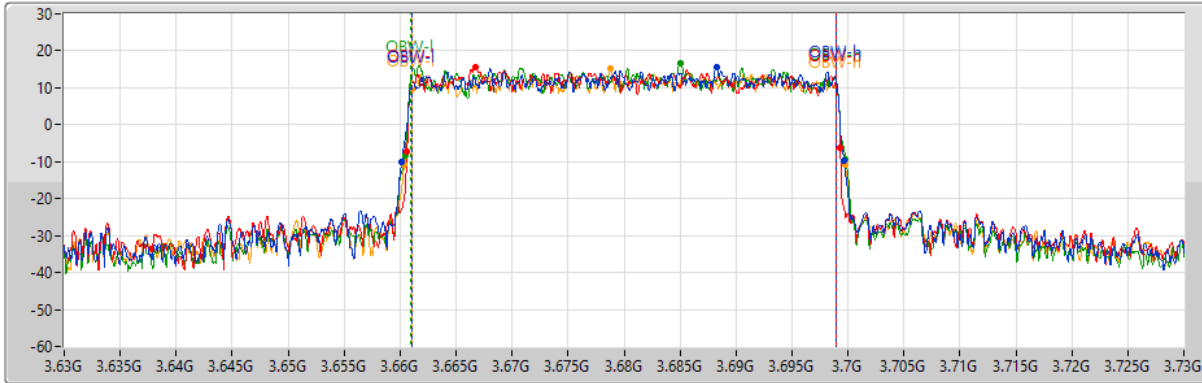
25/03/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.15M	3.60555G	3.6447G	37.798M	3.60602G	3.643817G	1	3.625G	100M	300k	1M
38.75M	3.6056G	3.64435G	37.691M	3.606073G	3.643764G	2	3.625G	100M	300k	1M
38.8M	3.6056G	3.6444G	37.943M	3.606011G	3.643955G	3	3.625G	100M	300k	1M
39.35M	3.60545G	3.6448G	37.709M	3.606045G	3.643754G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
EBW
3680MHz_CP-OFDM_QPSK_Outer_Full

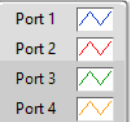
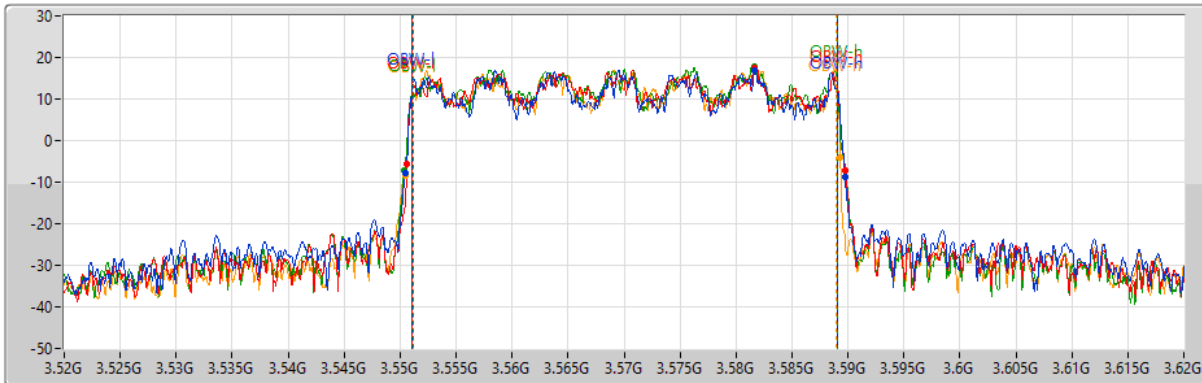
25/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.5M	3.66015G	3.69965G	37.894M	3.661044G	3.698938G	1	3.68G	100M	300k	1M
38.75M	3.6606G	3.69935G	37.846M	3.661059G	3.698905G	2	3.68G	100M	300k	1M
39.35M	3.66045G	3.6998G	37.905M	3.66099G	3.698895G	3	3.68G	100M	300k	1M
39.35M	3.6604G	3.69975G	37.79M	3.661103G	3.698893G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX
EBW
3570MHz_CP-OFDM_16QAM_Outer_Full

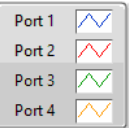
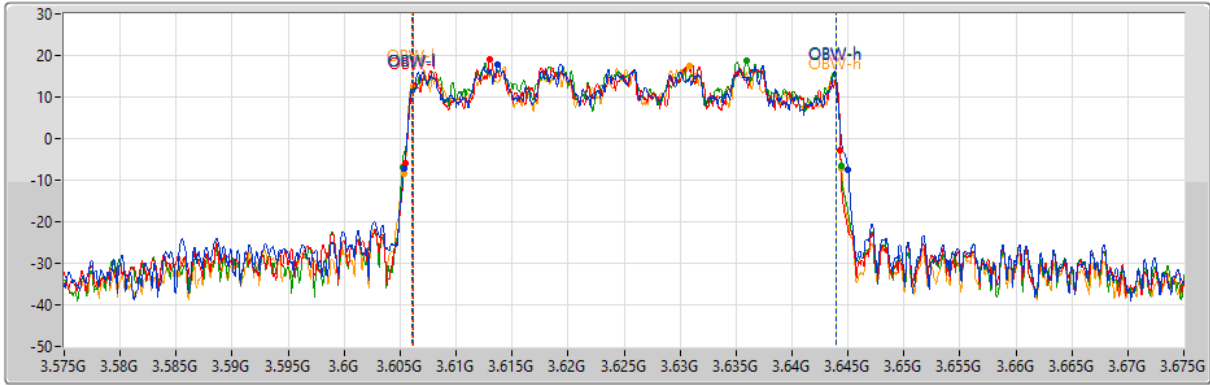
25/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.3M	3.55045G	3.58975G	37.95M	3.551097G	3.589047G	1	3.57G	100M	300k	1M
39.15M	3.5506G	3.58975G	37.941M	3.551104G	3.589044G	2	3.57G	100M	300k	1M
39.35M	3.5504G	3.58975G	37.892M	3.551115G	3.589007G	3	3.57G	100M	300k	1M
38.9M	3.55045G	3.58935G	37.797M	3.551113G	3.588911G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX
EBW
3625MHz_CP-OFDM_16QAM_Outer_Full

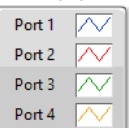
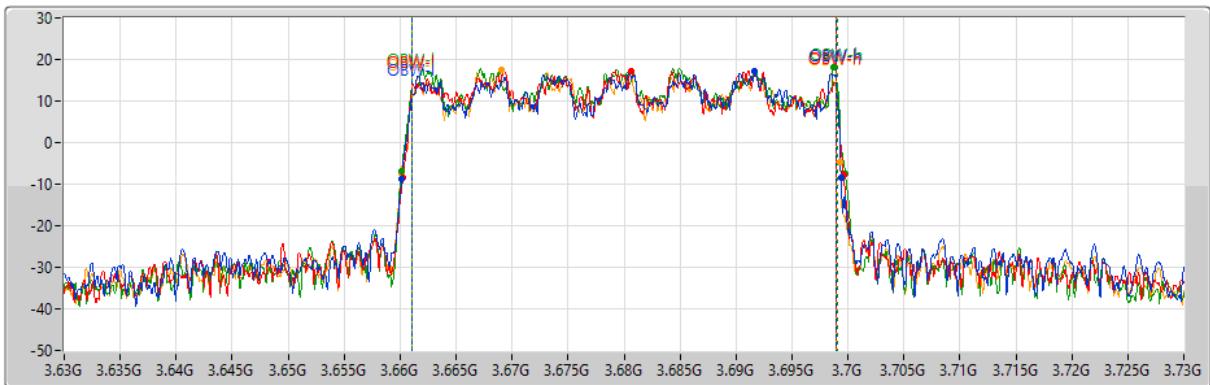
25/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.6M	3.6054G	3.645G	37.875M	3.606062G	3.643937G	1	3.625G	100M	300k	1M
38.9M	3.60545G	3.64435G	37.853M	3.606126G	3.643979G	2	3.625G	100M	300k	1M
39.2M	3.6052G	3.6444G	37.808M	3.606119G	3.643927G	3	3.625G	100M	300k	1M
39.1M	3.60535G	3.64445G	37.922M	3.605997G	3.643919G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_16QAM_4TX
EBW
3680MHz_CP-OFDM_16QAM_Outer_Full

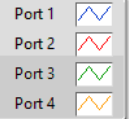
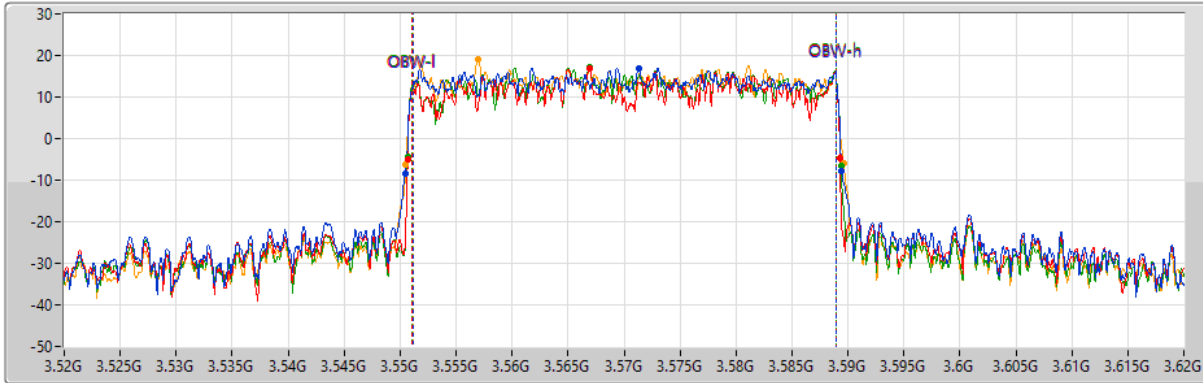
26/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.25M	3.66015G	3.6994G	37.844M	3.661103G	3.698947G	1	3.68G	100M	300k	1M
39.35M	3.66025G	3.6996G	37.824M	3.661078G	3.698903G	2	3.68G	100M	300k	1M
39.6M	3.66015G	3.69975G	37.973M	3.661038G	3.699011G	3	3.68G	100M	300k	1M
39.25M	3.6601G	3.69935G	37.881M	3.661027G	3.698908G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX
EBW
3570MHz_CP-OFDM_64QAM_Outer_Full

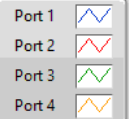
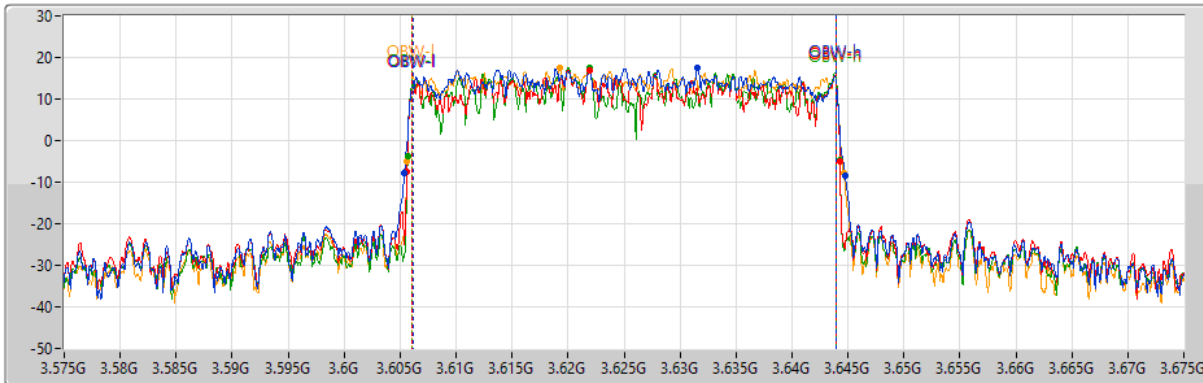
25/03/2024



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)
39M	3.55045G	3.58945G	37.807M	3.551129G	3.588936G	1	3.57G	100M	300k	1M
38.65M	3.55065G	3.5893G	37.897M	3.551068G	3.588965G	2	3.57G	100M	300k	1M
38.75M	3.55065G	3.5894G	37.881M	3.551083G	3.588964G	3	3.57G	100M	300k	1M
39.1M	3.5505G	3.5896G	37.806M	3.551113G	3.588918G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX
EBW
3625MHz_CP-OFDM_64QAM_Outer_Full

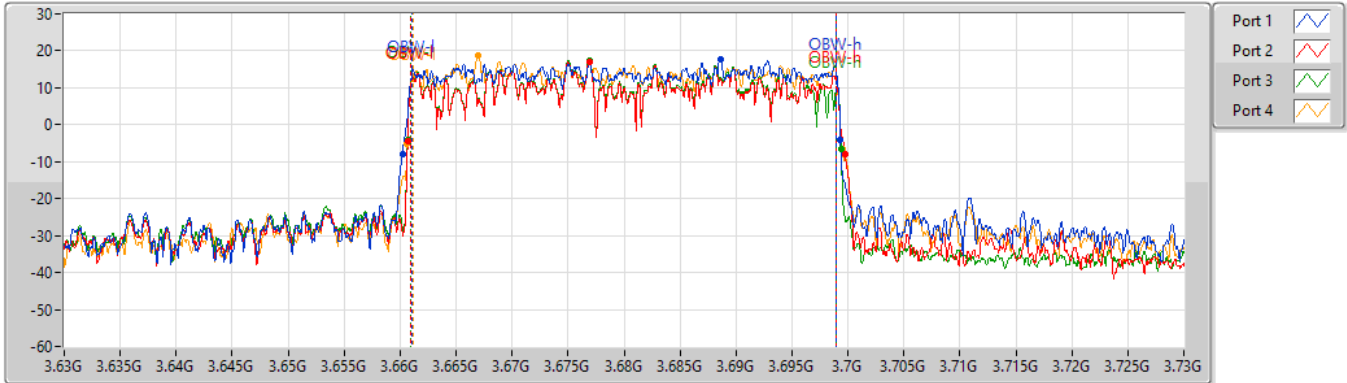
25/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.35M	3.6054G	3.64475G	37.782M	3.606125G	3.643907G	1	3.625G	100M	300k	1M
38.7M	3.6056G	3.6443G	37.918M	3.606038G	3.643956G	2	3.625G	100M	300k	1M
38.65M	3.60565G	3.6443G	37.954M	3.606018G	3.643972G	3	3.625G	100M	300k	1M
39M	3.6056G	3.6446G	37.813M	3.606087G	3.6439G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_64QAM_4TX
EBW
3680MHz_CP-OFDM_64QAM_Outer_Full

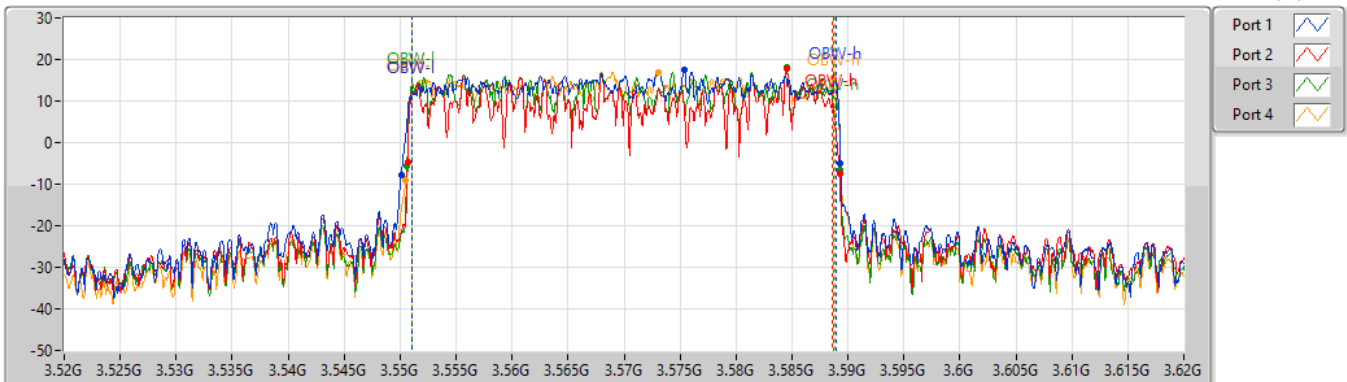
26/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.15M	3.6602G	3.69935G	37.876M	3.66106G	3.698937G	1	3.68G	100M	300k	1M
39.1M	3.66065G	3.69975G	37.998M	3.660996G	3.698994G	2	3.68G	100M	300k	1M
38.75M	3.66065G	3.6994G	37.966M	3.660995G	3.698961G	3	3.68G	100M	300k	1M
38.9M	3.6606G	3.6995G	37.795M	3.661127G	3.698922G	4	3.68G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX
EBW
3570MHz_CP-OFDM_256QAM_Outer_Full

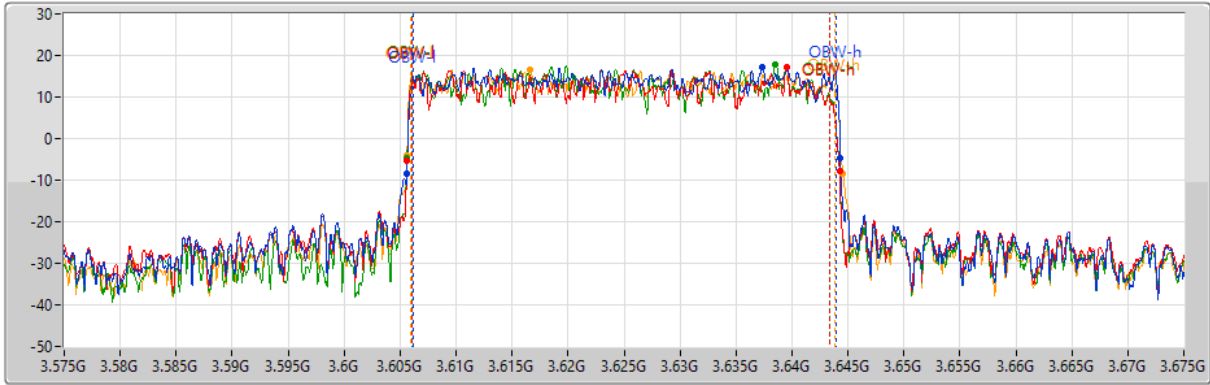
25/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.25M	3.5501G	3.58935G	37.945M	3.551016G	3.588961G	1	3.57G	100M	300k	1M
38.6M	3.55065G	3.58925G	37.568M	3.551001G	3.588569G	2	3.57G	100M	300k	1M
38.75M	3.5506G	3.58935G	37.723M	3.551001G	3.588724G	3	3.57G	100M	300k	1M
38.85M	3.5505G	3.58935G	37.769M	3.55111G	3.588879G	4	3.57G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX
EBW
3625MHz_CP-OFDM_256QAM_Outer_Full

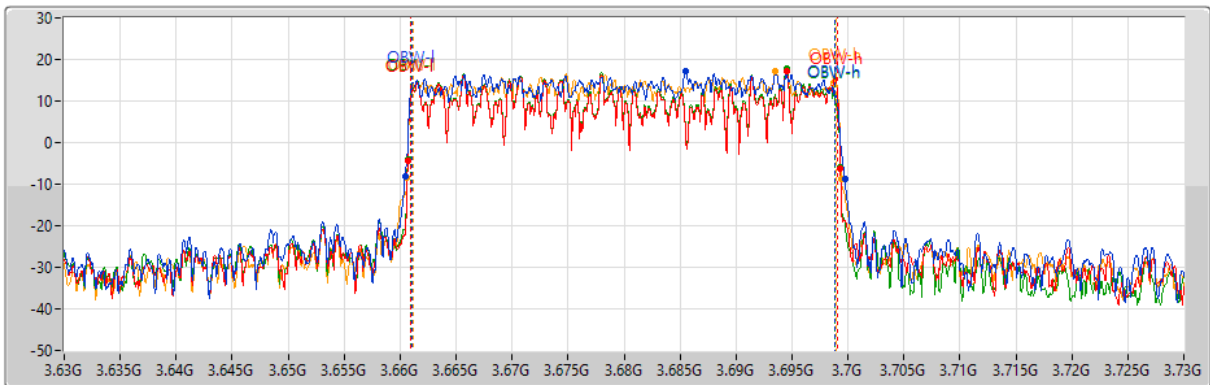
25/03/2024



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	3.6056G	3.64435G	37.795M	3.606125G	3.64392G	1	3.625G	100M	300k	1M
38.65M	3.6056G	3.64425G	37.336M	3.606003G	3.643339G	2	3.625G	100M	300k	1M
38.65M	3.6056G	3.64425G	37.345M	3.606005G	3.64335G	3	3.625G	100M	300k	1M
38.95M	3.6056G	3.64455G	37.831M	3.605978G	3.643809G	4	3.625G	100M	300k	1M

Band n48_NR_40MHz_Nss4,CP-OFDM_256QAM_4TX
EBW
3680MHz_CP-OFDM_256QAM_Outer_Full

26/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
39.25M	3.66045G	3.6997G	37.756M	3.661049G	3.698805G	1	3.68G	100M	300k	1M
38.7M	3.66065G	3.69935G	38.023M	3.660992G	3.699014G	2	3.68G	100M	300k	1M
38.7M	3.66065G	3.69935G	37.868M	3.660991G	3.698859G	3	3.68G	100M	300k	1M
38.8M	3.6606G	3.6994G	37.821M	3.661142G	3.698963G	4	3.68G	100M	300k	1M



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48	-	-	-	-	-	-	-	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.72G	4.2G	100k	300k	RMS	3.7205G	-41.14	-40.00	-1.14	MBW 1M	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-40.01	-40.00	-0.01	MBW 1M	-

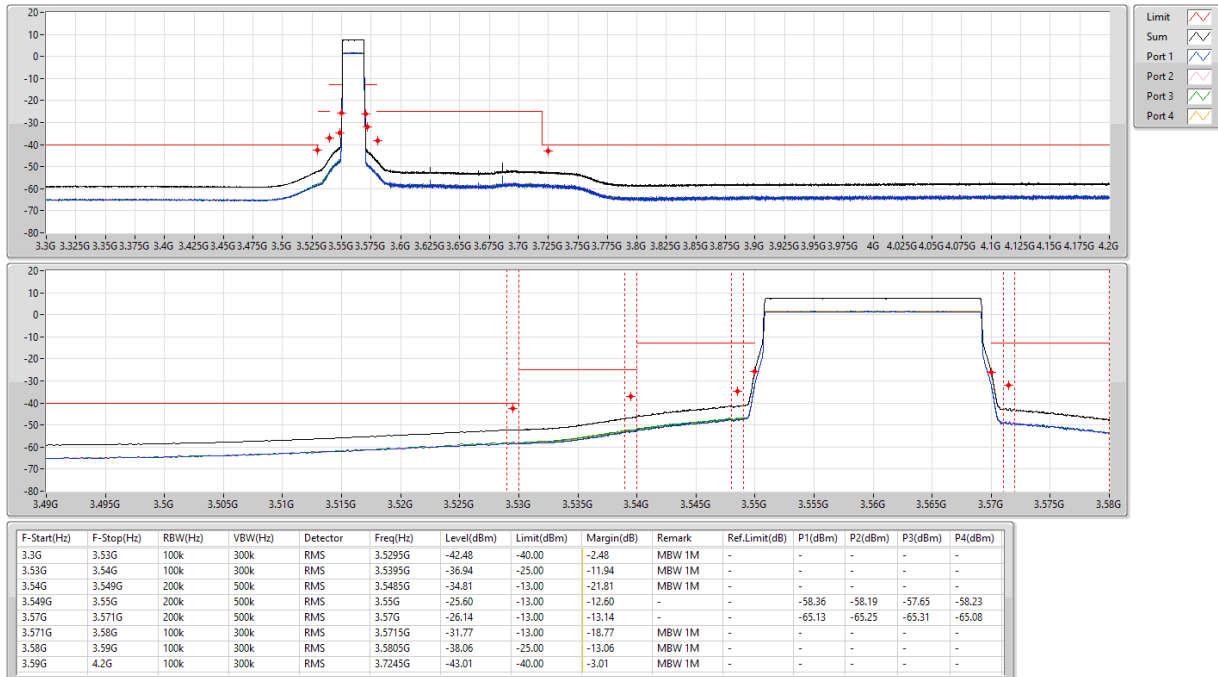
Result

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_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-42.48	-40.00	-2.48	MBW 1M	-
3560MHz_Outer_Full	Pass	3.53G	3.54G	100k	300k	RMS	3.5395G	-36.94	-25.00	-11.94	MBW 1M	-
3560MHz_Outer_Full	Pass	3.54G	3.549G	200k	500k	RMS	3.5485G	-34.81	-13.00	-21.81	MBW 1M	-
3560MHz_Outer_Full	Pass	3.549G	3.55G	200k	500k	RMS	3.55G	-25.60	-13.00	-12.60	-	-
3560MHz_Outer_Full	Pass	3.57G	3.571G	200k	500k	RMS	3.57G	-26.14	-13.00	-13.14	-	-
3560MHz_Outer_Full	Pass	3.571G	3.58G	100k	300k	RMS	3.5715G	-31.77	-13.00	-18.77	MBW 1M	-
3560MHz_Outer_Full	Pass	3.58G	3.59G	100k	300k	RMS	3.5805G	-38.06	-25.00	-13.06	MBW 1M	-
3560MHz_Outer_Full	Pass	3.59G	4.2G	100k	300k	RMS	3.7245G	-43.01	-40.00	-3.01	MBW 1M	-
3625MHz_Outer_Full	Pass	3.3G	3.595G	100k	300k	RMS	3.5295G	-44.23	-40.00	-4.23	MBW 1M	-
3625MHz_Outer_Full	Pass	3.595G	3.605G	100k	300k	RMS	3.6045G	-39.95	-25.00	-14.95	MBW 1M	-
3625MHz_Outer_Full	Pass	3.605G	3.614G	200k	500k	RMS	3.6135G	-39.47	-13.00	-26.47	MBW 1M	-
3625MHz_Outer_Full	Pass	3.614G	3.615G	200k	500k	RMS	3.615G	-25.84	-13.00	-12.84	-	-
3625MHz_Outer_Full	Pass	3.635G	3.636G	200k	500k	RMS	3.635G	-26.58	-13.00	-13.58	-	-
3625MHz_Outer_Full	Pass	3.636G	3.645G	100k	300k	RMS	3.6365G	-33.53	-13.00	-20.53	MBW 1M	-
3625MHz_Outer_Full	Pass	3.645G	3.655G	100k	300k	RMS	3.6455G	-38.29	-25.00	-13.29	MBW 1M	-
3625MHz_Outer_Full	Pass	3.655G	4.2G	100k	300k	RMS	3.7205G	-43.06	-40.00	-3.06	MBW 1M	-
3690MHz_Outer_Full	Pass	3.3G	3.66G	100k	300k	RMS	3.5295G	-43.79	-40.00	-3.79	MBW 1M	-
3690MHz_Outer_Full	Pass	3.66G	3.67G	100k	300k	RMS	3.6695G	-38.23	-25.00	-13.23	MBW 1M	-
3690MHz_Outer_Full	Pass	3.67G	3.679G	200k	500k	RMS	3.6785G	-36.51	-13.00	-23.51	MBW 1M	-
3690MHz_Outer_Full	Pass	3.679G	3.68G	200k	500k	RMS	3.68G	-26.07	-13.00	-13.07	-	-
3690MHz_Outer_Full	Pass	3.7G	3.701G	200k	500k	RMS	3.7G	-26.25	-13.00	-13.25	-	-
3690MHz_Outer_Full	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-32.44	-13.00	-19.44	MBW 1M	-
3690MHz_Outer_Full	Pass	3.71G	3.72G	100k	300k	RMS	3.7105G	-38.35	-25.00	-13.35	MBW 1M	-
3690MHz_Outer_Full	Pass	3.72G	4.2G	100k	300k	RMS	3.7205G	-41.14	-40.00	-1.14	MBW 1M	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	3.3G	3.53G	100k	300k	RMS	3.5295G	-40.01	-40.00	-0.01	MBW 1M	-
3570MHz_Outer_Full	Pass	3.53G	3.54G	100k	300k	RMS	3.5385G	-37.80	-25.00	-12.80	MBW 1M	-
3570MHz_Outer_Full	Pass	3.54G	3.549G	500k	1M	RMS	3.5485G	-42.90	-13.00	-29.90	MBW 1M	-
3570MHz_Outer_Full	Pass	3.549G	3.55G	500k	1M	RMS	3.55G	-29.53	-13.00	-16.53	-	-
3570MHz_Outer_Full	Pass	3.59G	3.591G	500k	1M	RMS	3.59G	-29.73	-13.00	-16.73	-	-
3570MHz_Outer_Full	Pass	3.591G	3.6G	100k	300k	RMS	3.5915G	-32.28	-13.00	-19.28	MBW 1M	-
3570MHz_Outer_Full	Pass	3.6G	3.61G	100k	300k	RMS	3.6005G	-36.81	-25.00	-11.81	MBW 1M	-
3570MHz_Outer_Full	Pass	3.61G	4.2G	100k	300k	RMS	3.7235G	-42.85	-40.00	-2.85	MBW 1M	-
3625MHz_Outer_Full	Pass	3.3G	3.585G	100k	300k	RMS	3.5295G	-42.42	-40.00	-2.42	MBW 1M	-
3625MHz_Outer_Full	Pass	3.585G	3.595G	100k	300k	RMS	3.5935G	-35.98	-25.00	-10.98	MBW 1M	-
3625MHz_Outer_Full	Pass	3.595G	3.604G	500k	1M	RMS	3.6025G	-41.10	-13.00	-28.10	MBW 1M	-
3625MHz_Outer_Full	Pass	3.604G	3.605G	500k	1M	RMS	3.605G	-27.21	-13.00	-14.21	-	-
3625MHz_Outer_Full	Pass	3.645G	3.646G	500k	1M	RMS	3.645G	-27.42	-13.00	-14.42	-	-
3625MHz_Outer_Full	Pass	3.646G	3.655G	100k	300k	RMS	3.6465G	-30.53	-13.00	-17.53	MBW 1M	-
3625MHz_Outer_Full	Pass	3.655G	3.665G	100k	300k	RMS	3.6555G	-35.93	-25.00	-10.93	MBW 1M	-
3625MHz_Outer_Full	Pass	3.665G	4.2G	100k	300k	RMS	3.7205G	-41.75	-40.00	-1.75	MBW 1M	-
3680MHz_Outer_Full	Pass	3.3G	3.64G	100k	300k	RMS	3.5295G	-43.91	-40.00	-3.91	MBW 1M	-
3680MHz_Outer_Full	Pass	3.64G	3.65G	100k	300k	RMS	3.6485G	-37.46	-25.00	-12.46	MBW 1M	-
3680MHz_Outer_Full	Pass	3.65G	3.659G	500k	1M	RMS	3.6585G	-43.19	-13.00	-30.19	MBW 1M	-
3680MHz_Outer_Full	Pass	3.659G	3.66G	500k	1M	RMS	3.66G	-29.22	-13.00	-16.22	-	-
3680MHz_Outer_Full	Pass	3.7G	3.701G	500k	1M	RMS	3.7G	-29.53	-13.00	-16.53	-	-
3680MHz_Outer_Full	Pass	3.701G	3.71G	100k	300k	RMS	3.7015G	-32.70	-13.00	-19.70	MBW 1M	-
3680MHz_Outer_Full	Pass	3.71G	3.72G	100k	300k	RMS	3.7105G	-37.09	-25.00	-12.09	MBW 1M	-
3680MHz_Outer_Full	Pass	3.72G	4.2G	100k	300k	RMS	3.7215G	-40.04	-40.00	-0.04	MBW 1M	-

Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
3560MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum

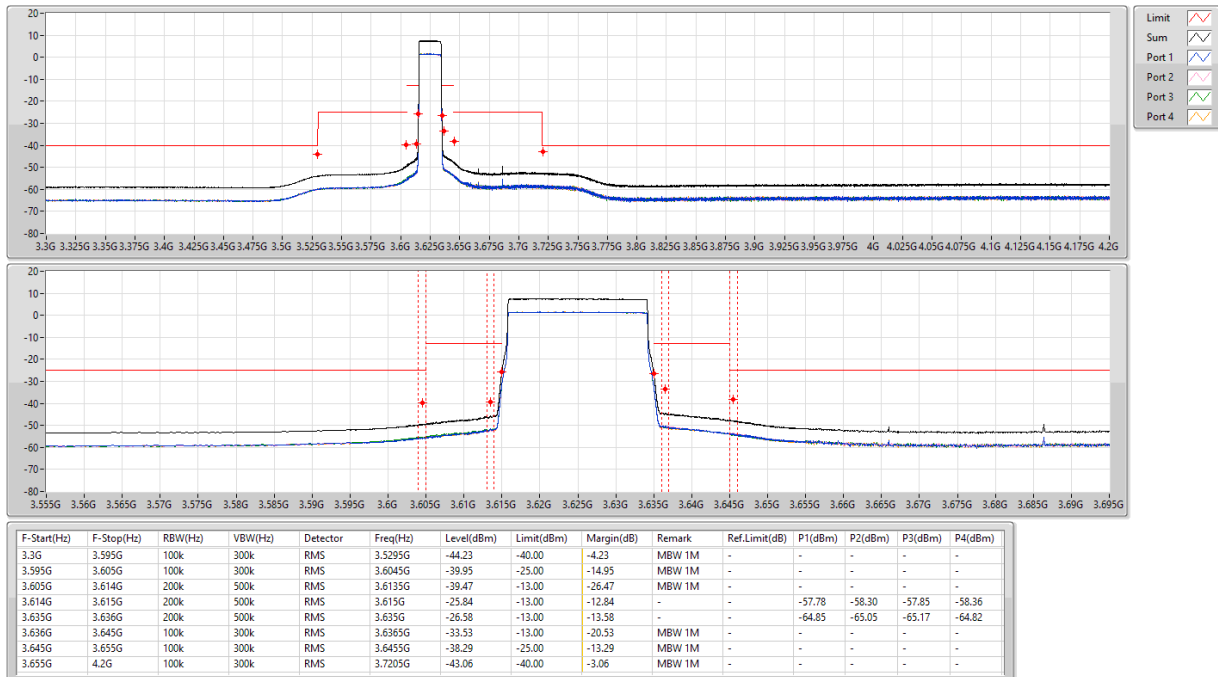
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Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
3625MHz_CP-OFDM_QPSK_Outer_Full

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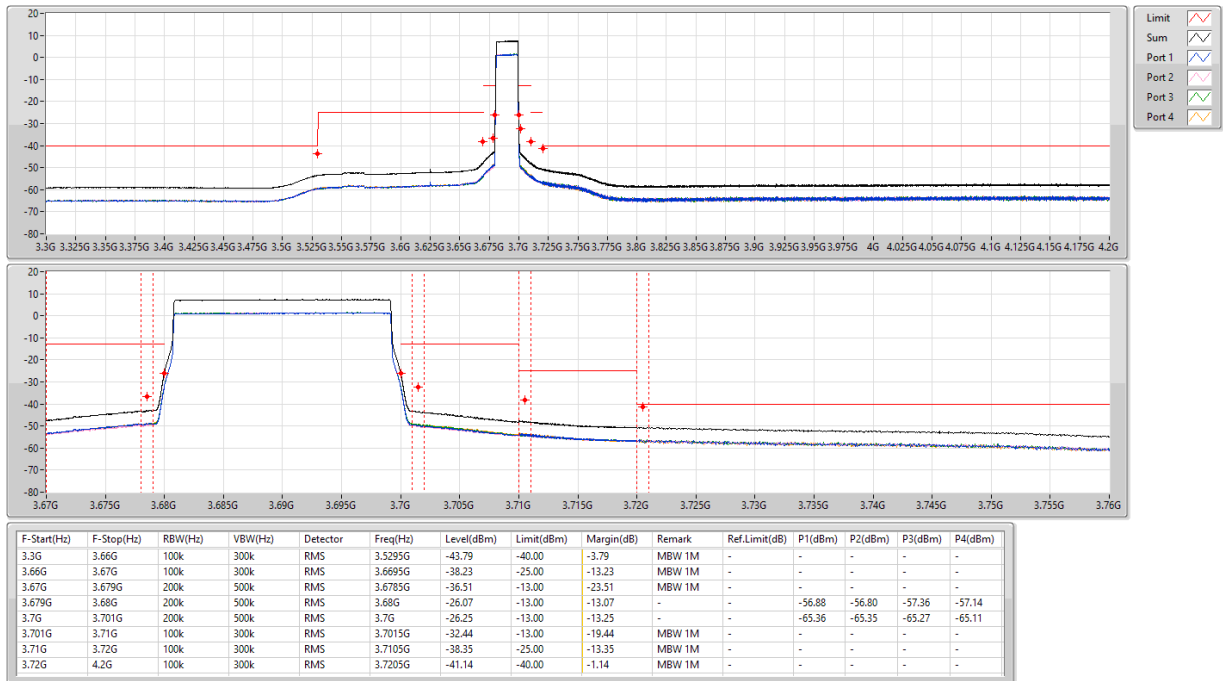
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Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
3690MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum

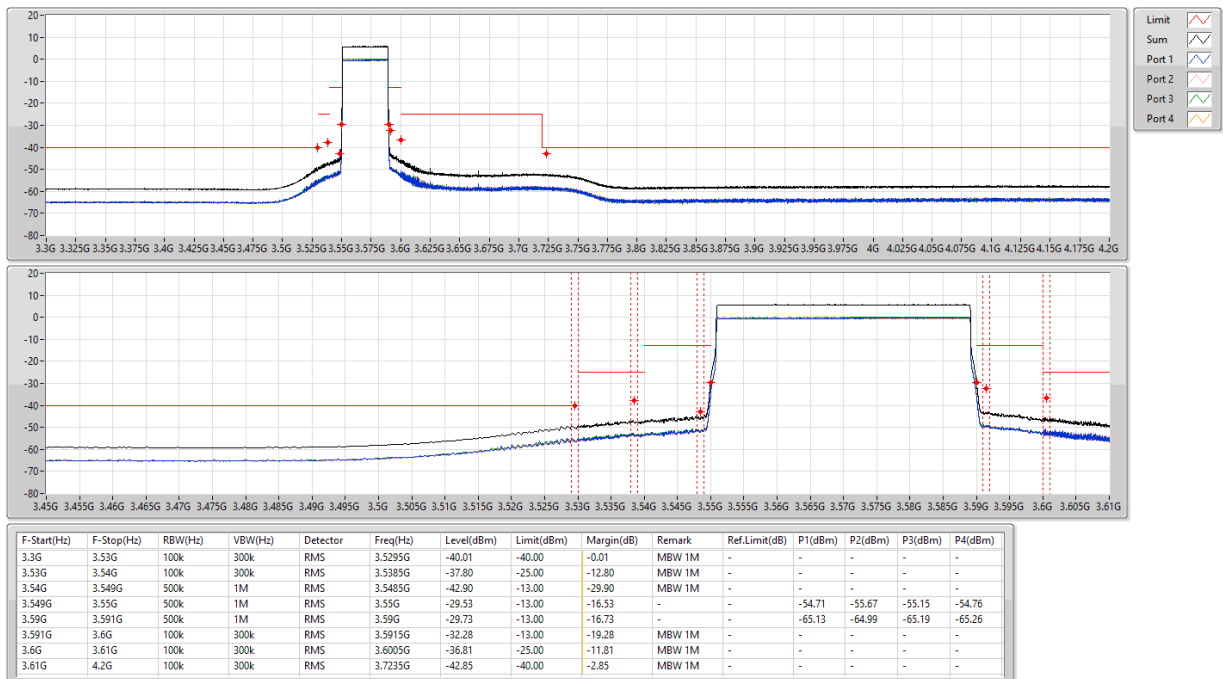
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Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3570MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum

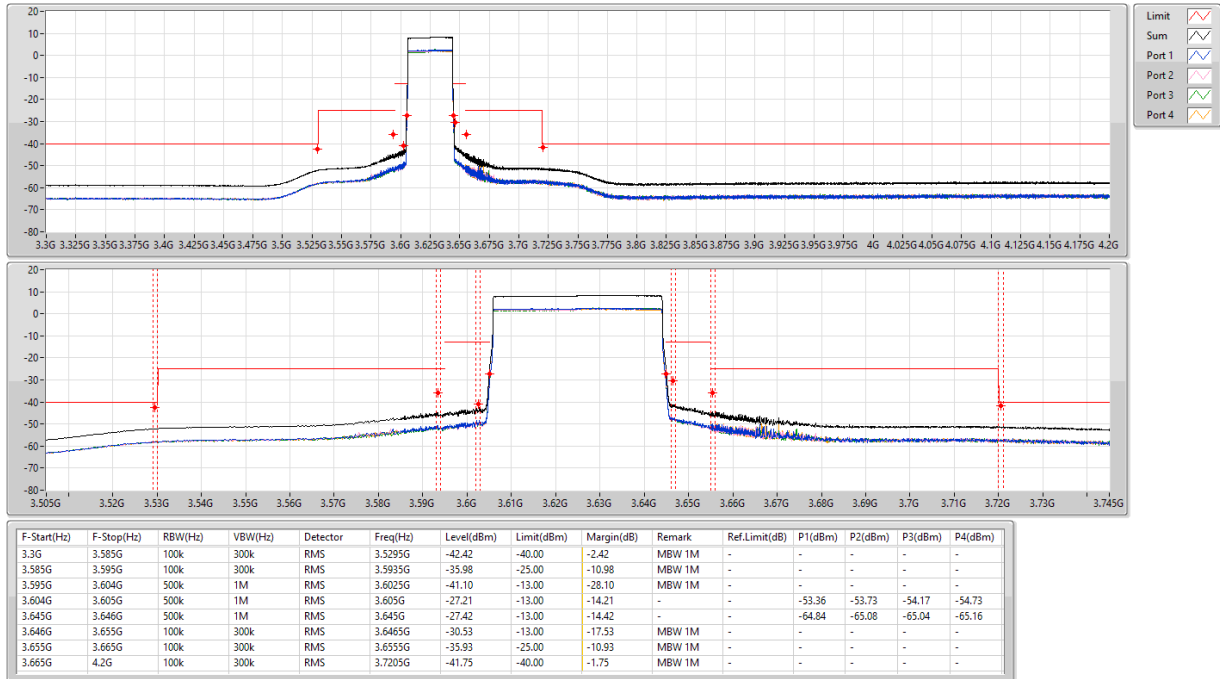
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Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3625MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum

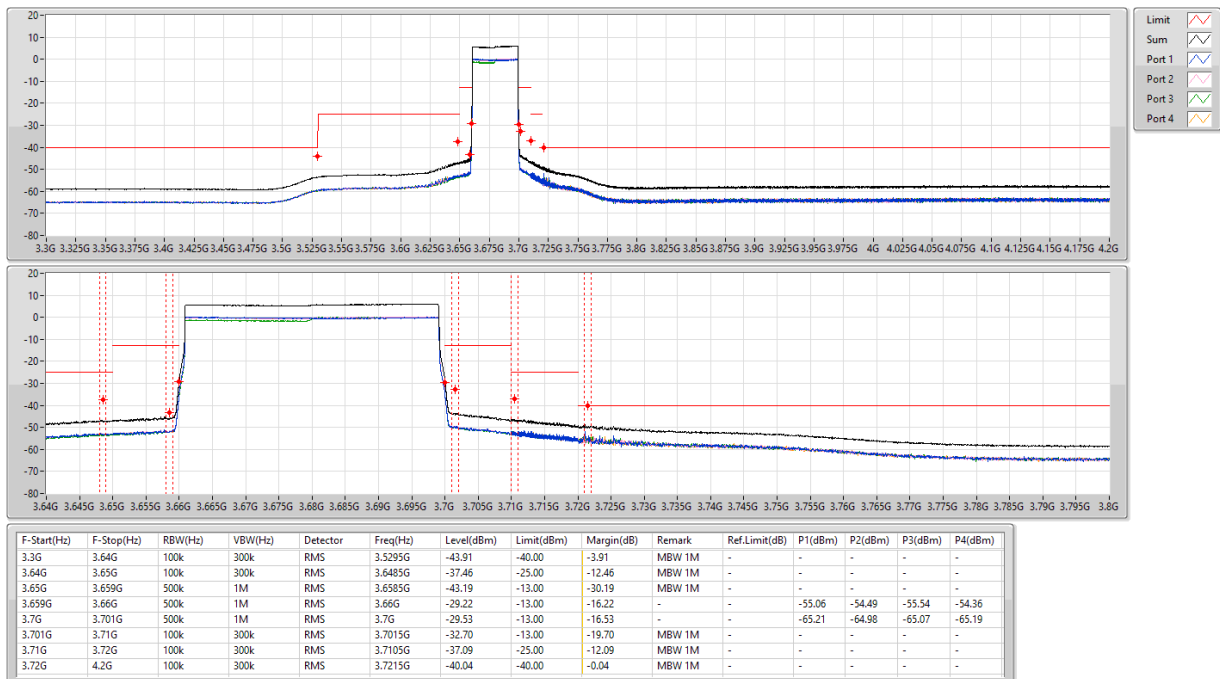
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Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3680MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum

25/03/2024





Conducted Spurious Emission

Appendix F

Summary

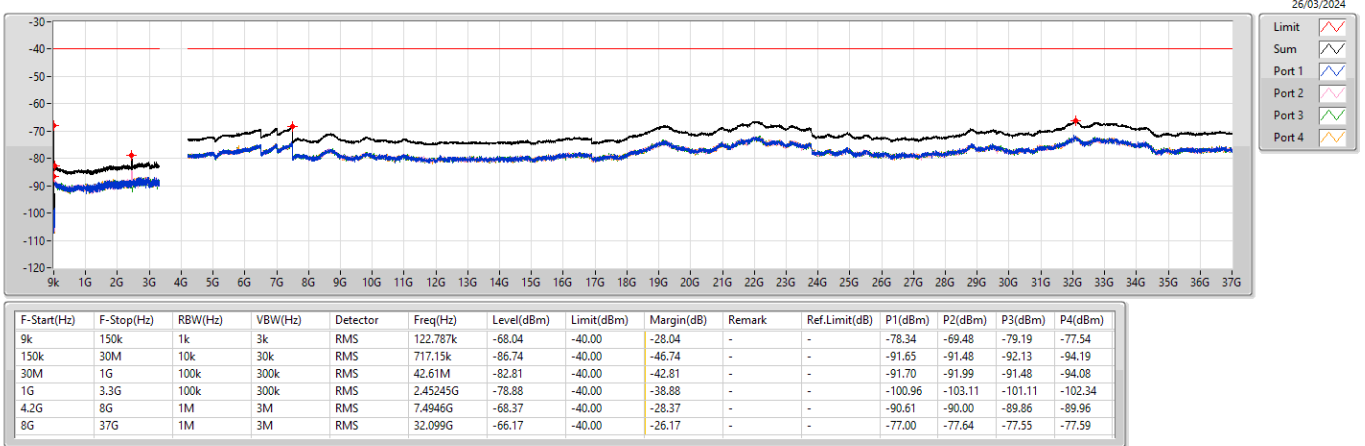
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48	-	-	-	-	-	-	-	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	8G	37G	1M	3M	RMS	32.099G	-66.17	-40.00	-26.17	-	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	8G	37G	1M	3M	RMS	32.06275G	-66.17	-40.00	-26.17	-	-

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	122.787k	-68.04	-40.00	-28.04	-	-
3560MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-86.74	-40.00	-46.74	-	-
3560MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	42.61M	-82.81	-40.00	-42.81	-	-
3560MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.45245G	-78.88	-40.00	-38.88	-	-
3560MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4946G	-68.37	-40.00	-28.37	-	-
3560MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.099G	-66.17	-40.00	-26.17	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	122.787k	-69.12	-40.00	-29.12	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-86.97	-40.00	-46.97	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	41.64M	-82.60	-40.00	-42.60	-	-
3625MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.4513G	-77.73	-40.00	-37.73	-	-
3625MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4946G	-68.38	-40.00	-28.38	-	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.12438G	-66.36	-40.00	-26.36	-	-
3690MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	122.223k	-71.85	-40.00	-31.85	-	-
3690MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-86.78	-40.00	-46.78	-	-
3690MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	49.4M	-82.86	-40.00	-42.86	-	-
3690MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	3.2103G	-81.05	-40.00	-41.05	-	-
3690MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.48985G	-68.11	-40.00	-28.11	-	-
3690MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.09538G	-66.20	-40.00	-26.20	-	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	122.082k	-70.01	-40.00	-30.01	-	-
3570MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-86.93	-40.00	-46.93	-	-
3570MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	36.79M	-82.61	-40.00	-42.61	-	-
3570MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.4513G	-77.77	-40.00	-37.77	-	-
3570MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	7.4851G	-68.21	-40.00	-28.21	-	-
3570MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.08088G	-66.25	-40.00	-26.25	-	-
3625MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	123.069k	-68.46	-40.00	-28.46	-	-
3625MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-88.23	-40.00	-48.23	-	-
3625MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	34.85M	-82.76	-40.00	-42.76	-	-
3625MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.4513G	-79.26	-40.00	-39.26	-	-
3625MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	5.7523G	-66.47	-40.00	-26.47	-	-
3625MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.06275G	-66.17	-40.00	-26.17	-	-
3680MHz_Outer_Full	Pass	9k	150k	1k	3k	RMS	121.659k	-69.81	-40.00	-29.81	-	-
3680MHz_Outer_Full	Pass	150k	30M	10k	30k	RMS	717.15k	-87.73	-40.00	-47.73	-	-
3680MHz_Outer_Full	Pass	30M	1G	100k	300k	RMS	37.76M	-82.86	-40.00	-42.86	-	-
3680MHz_Outer_Full	Pass	1G	3.3G	100k	300k	RMS	2.4513G	-80.72	-40.00	-40.72	-	-
3680MHz_Outer_Full	Pass	4.2G	8G	1M	3M	RMS	5.7466G	-67.88	-40.00	-27.88	-	-
3680MHz_Outer_Full	Pass	8G	37G	1M	3M	RMS	32.07G	-66.39	-40.00	-26.39	-	-

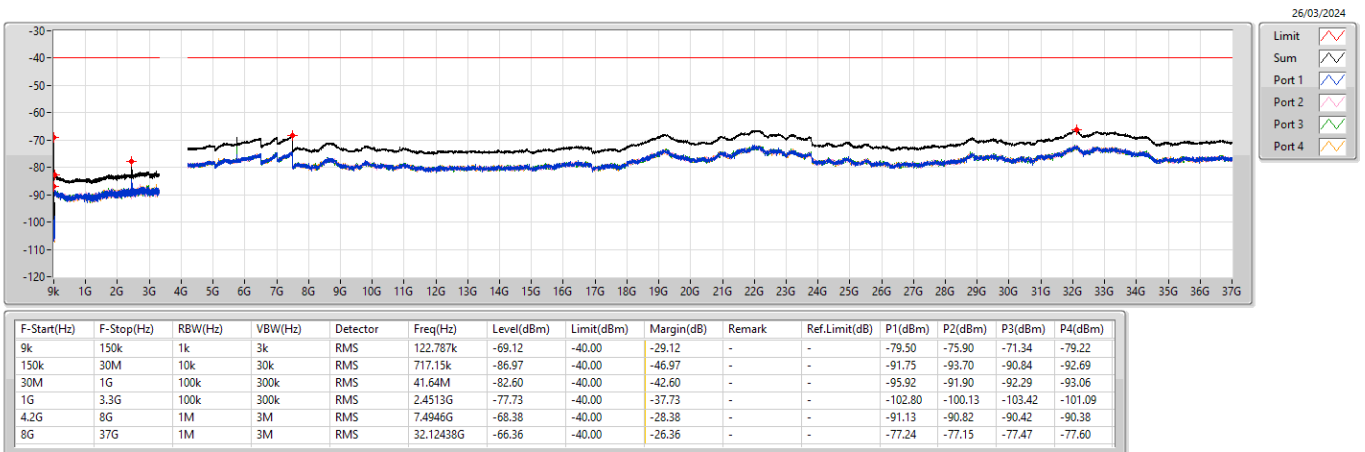
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3560MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum



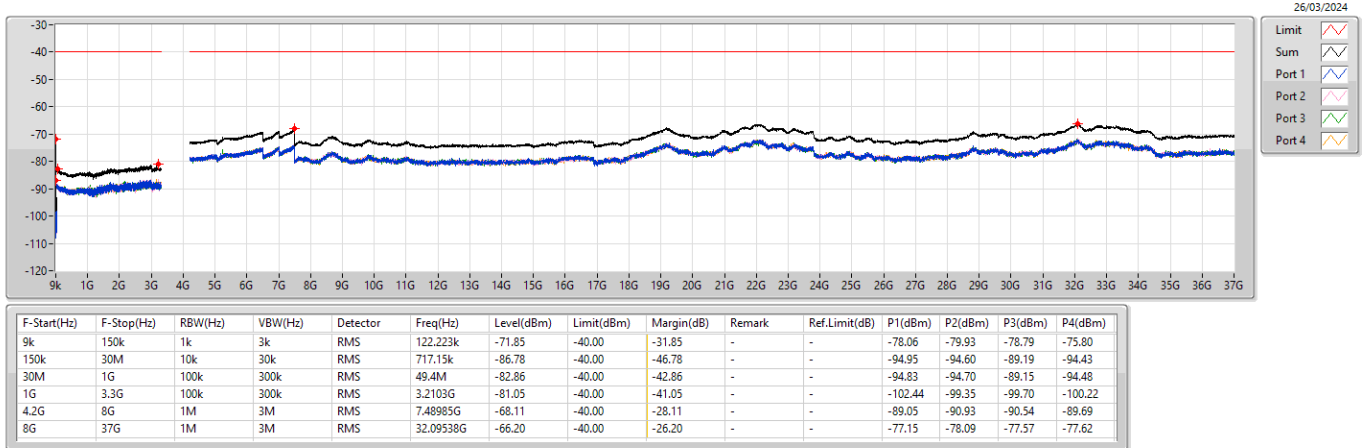
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3625MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum



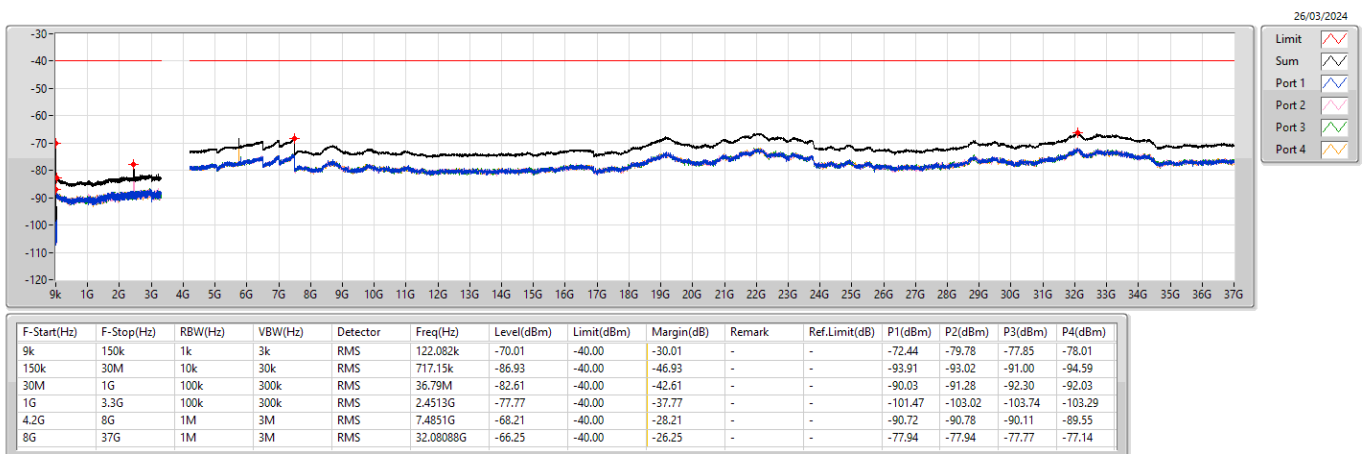
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX
3690MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum



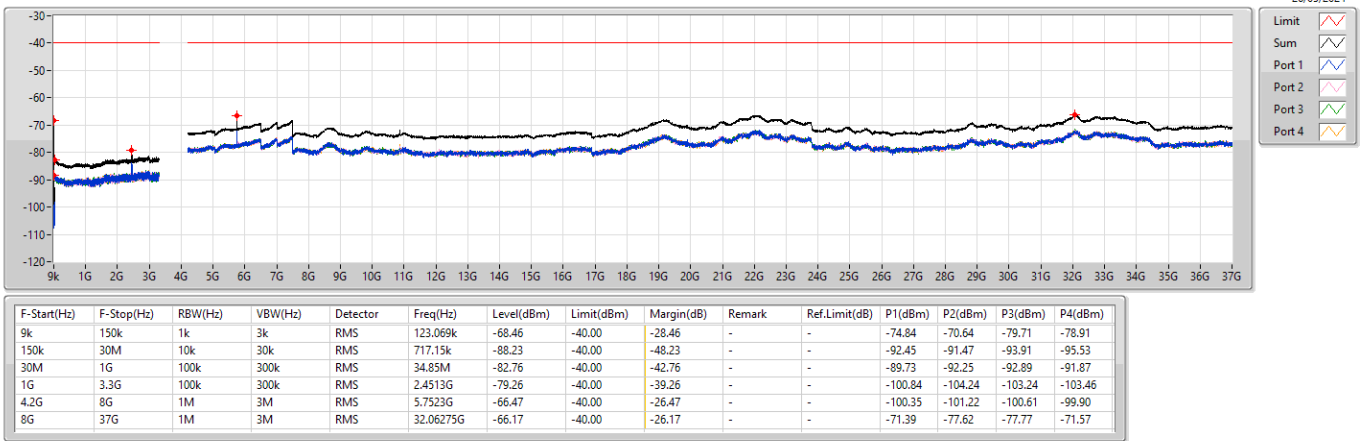
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3570MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum



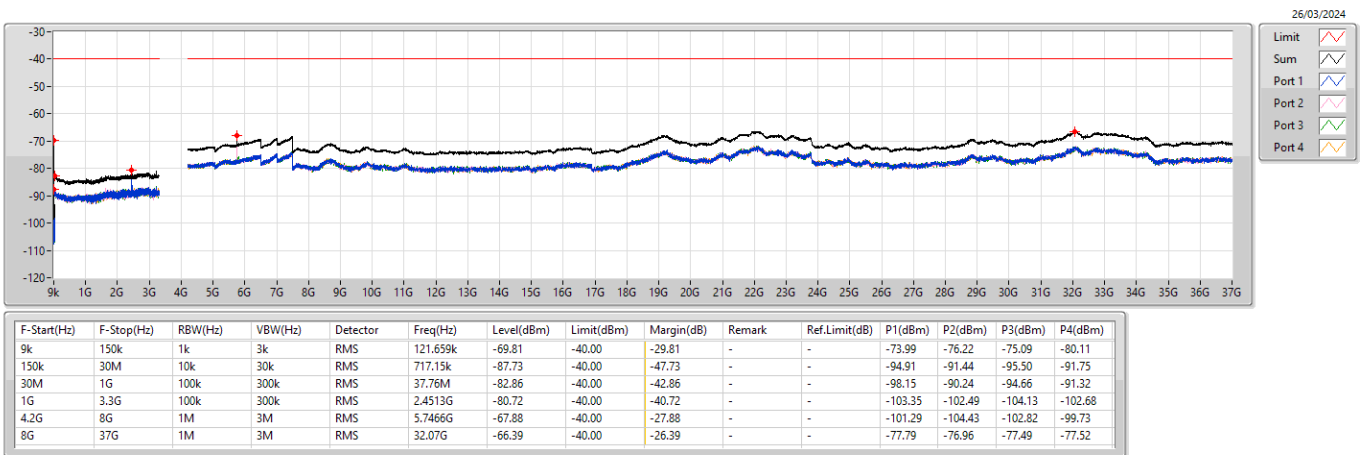
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3625MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum



Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX
3680MHz_CP-OFDM_QPSK_Outer_Full

CSE-TX-Sum





Radiated Spurious Emission_Below 1GHz

Appendix G.1

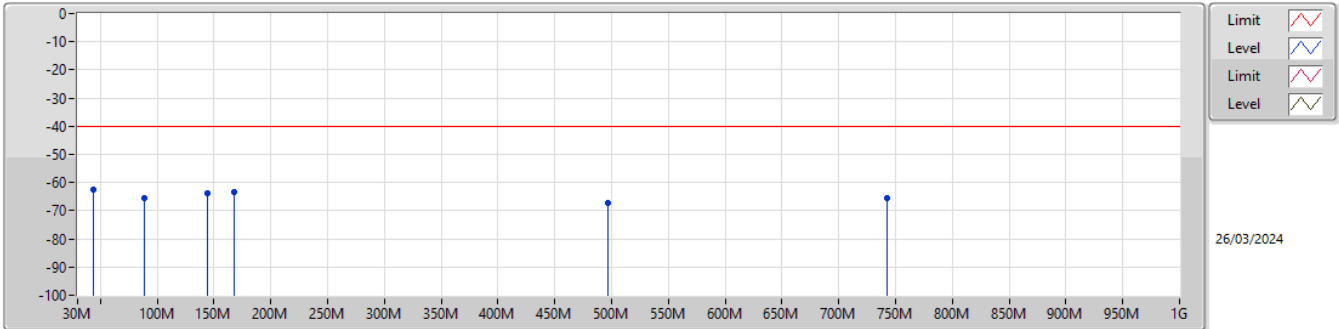
Summary

Mode	Result	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition
Band n48	-	-	-	-	-	-	-
NR_40MHz_CP-OFDM_256QAM	Pass	43.58M	-61.27	-40.00	-21.27	-0.31	Horizontal

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

Band n48_NR_40MHz_CP-OFDM_256QAM

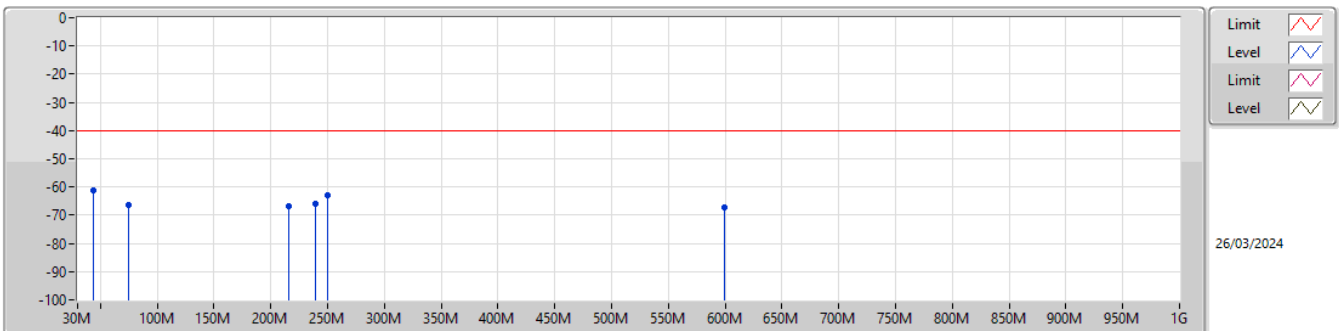
3625MHz_Traffic



Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition	Raw (dBm)
43.46M	-62.35	-40.00	-22.35	-8.98	Vertical	-53.37
89.17M	-65.43	-40.00	-25.43	-5.33	Vertical	-60.10
144.16M	-63.75	-40.00	-23.75	-1.31	Vertical	-62.44
167.83M	-63.31	-40.00	-23.31	-1.25	Vertical	-62.06
496.42M	-67.22	-40.00	-27.22	3.67	Vertical	-70.89
742.5M	-65.66	-40.00	-25.66	6.52	Vertical	-72.18

Band n48_NR_40MHz_CP-OFDM_256QAM

3625MHz_Traffic



Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition	Raw (dBm)
43.58M	-61.27	-40.00	-21.27	-0.31	Horizontal	-60.96
74.44M	-66.19	-40.00	-26.19	-4.56	Horizontal	-61.63
216M	-66.76	-40.00	-26.76	-2.55	Horizontal	-64.21
239.91M	-66.05	-40.00	-26.05	0.00	Horizontal	-66.05
249.98M	-63.00	-40.00	-23.00	1.08	Horizontal	-64.08
599.33M	-67.27	-40.00	-27.27	2.51	Horizontal	-69.78



Radiated Spurious Emission_Above 1GHz

Appendix G.2

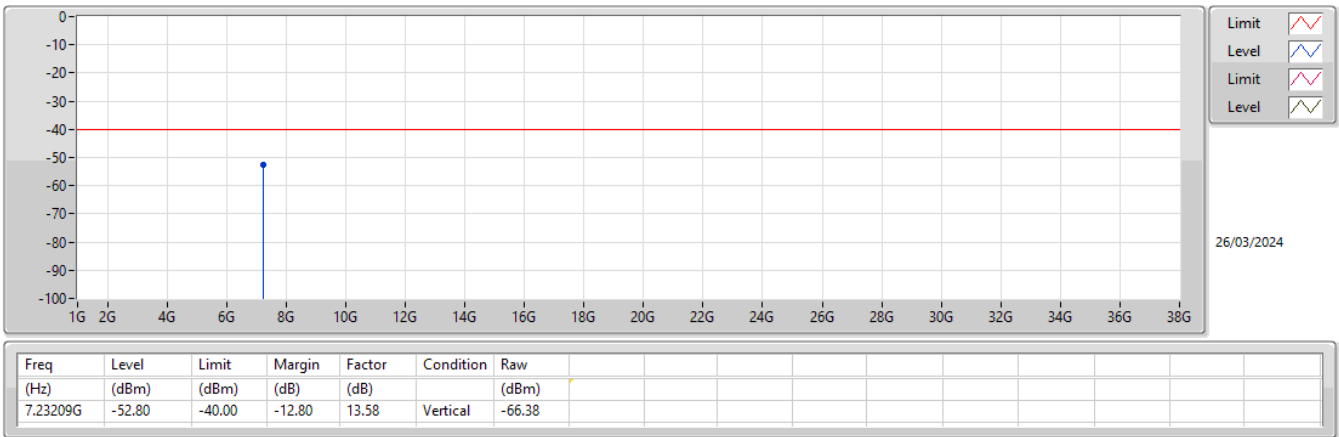
Summary

Mode	Result	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Condition
Band n48	-	-	-	-	-	-	-
NR_40MHz_CP-OFDM_256QAM	Pass	7.23209G	-52.80	-40.00	-12.80	13.58	Vertical

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

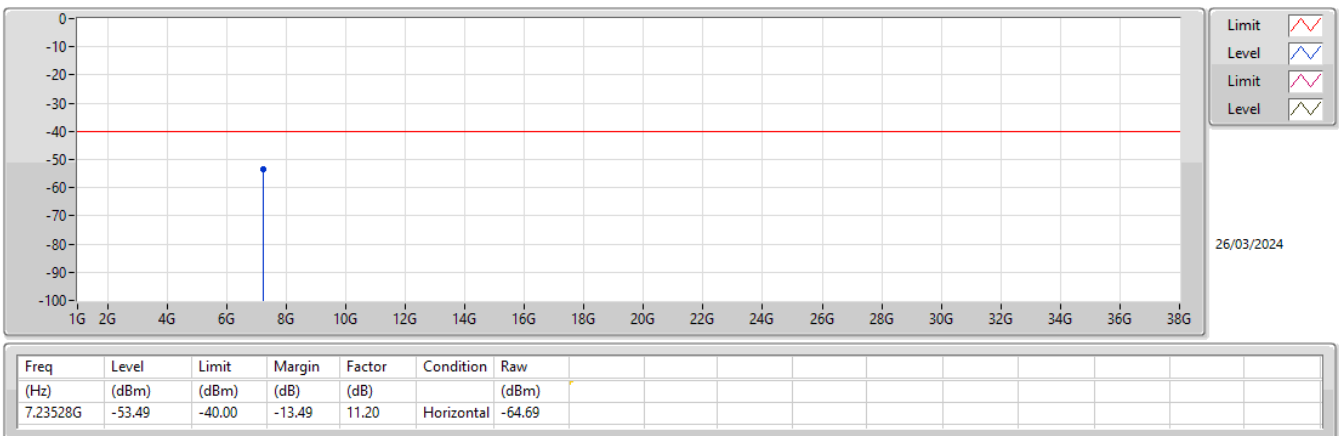
Band n48_NR_40MHz_CP-OFDM_256QAM

3625MHz_Traffic



Band n48_NR_40MHz_CP-OFDM_256QAM

3625MHz_Traffic





Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band n48	-	-	-	-	-	-	-	-	-
NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.56G	3.559974G	3.550862G	3.569086G	-7.2893	3.55G,3.7G,Inf	1	-
NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	Pass	3.57G	3.569978G	3.551032G	3.588924G	-6.0759	3.55G,3.7G,Inf	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band n48_NR_20MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3560MHz_Outer_Full_-30°C	Pass	3.56G	3.559975G	3.550866G	3.569085G	-6.9066	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_-20°C	Pass	3.56G	3.559975G	3.550864G	3.569085G	-7.1389	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_-10°C	Pass	3.56G	3.559975G	3.550863G	3.569087G	-7.0796	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_0°C	Pass	3.56G	3.559975G	3.550864G	3.569085G	-7.1113	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_10°C	Pass	3.56G	3.559975G	3.550864G	3.569087G	-6.893	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_20°C	Pass	3.56G	3.559974G	3.550863G	3.569085G	-7.3203	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_30°C	Pass	3.56G	3.559976G	3.550865G	3.569087G	-6.799	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_40°C	Pass	3.56G	3.559974G	3.550862G	3.569086G	-7.2893	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_50°C	Pass	3.56G	3.559975G	3.550864G	3.569086G	-7.057	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_138V	Pass	3.56G	3.559978G	3.550867G	3.569089G	-6.2208	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_120V	Pass	3.56G	3.559976G	3.550865G	3.569088G	-6.6168	3.55G,3.7G,Inf	1	-
3560MHz_Outer_Full_102V	Pass	3.56G	3.559977G	3.550866G	3.569087G	-6.5146	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.624974G	3.615866G	3.634081G	-7.3	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.624971G	3.615864G	3.634078G	-7.9614	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.624969G	3.615859G	3.634079G	-8.4885	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.624971G	3.615864G	3.634079G	-7.9035	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.624972G	3.615864G	3.634079G	-7.8162	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.624973G	3.615866G	3.634081G	-7.3182	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.624972G	3.615865G	3.634078G	-7.7724	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.624972G	3.615862G	3.634083G	-7.6078	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.624974G	3.615866G	3.634081G	-7.2674	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.624971G	3.615864G	3.634079G	-7.8802	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.624971G	3.615864G	3.634078G	-8.009	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_102V	Pass	3.625G	3.624976G	3.615868G	3.634085G	-6.5729	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-30°C	Pass	3.69G	3.689975G	3.680865G	3.699086G	-6.6664	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-20°C	Pass	3.69G	3.689978G	3.680868G	3.699088G	-5.9398	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_-10°C	Pass	3.69G	3.689976G	3.680867G	3.699086G	-6.4231	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_0°C	Pass	3.69G	3.689977G	3.680864G	3.69909G	-6.2593	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_10°C	Pass	3.69G	3.68998G	3.680867G	3.699092G	-5.5549	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_20°C	Pass	3.69G	3.689976G	3.680867G	3.699086G	-6.4486	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_30°C	Pass	3.69G	3.689978G	3.680866G	3.699091G	-5.8293	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_40°C	Pass	3.69G	3.689979G	3.680868G	3.699089G	-5.8165	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_50°C	Pass	3.69G	3.689976G	3.680863G	3.699088G	-6.6395	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_138V	Pass	3.69G	3.689976G	3.680863G	3.69909G	-6.4869	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_120V	Pass	3.69G	3.689976G	3.680863G	3.699088G	-6.5999	3.55G,3.7G,Inf	1	-
3690MHz_Outer_Full_102V	Pass	3.69G	3.689976G	3.680865G	3.699088G	-6.402	3.55G,3.7G,Inf	1	-
Band n48_NR_40MHz_Nss4,CP-OFDM_QPSK_4TX	-	-	-	-	-	-	-	-	-
3570MHz_Outer_Full_-30°C	Pass	3.57G	3.569978G	3.551032G	3.588924G	-6.0759	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_-20°C	Pass	3.57G	3.569983G	3.551062G	3.588905G	-4.65	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_-10°C	Pass	3.57G	3.569984G	3.551063G	3.588906G	-4.3852	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_0°C	Pass	3.57G	3.569984G	3.551055G	3.588912G	-4.5781	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_10°C	Pass	3.57G	3.569978G	3.55105G	3.588907G	-6.0338	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_20°C	Pass	3.57G	3.569982G	3.551057G	3.588907G	-5.0346	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_30°C	Pass	3.57G	3.569982G	3.551053G	3.588911G	-5.0347	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_40°C	Pass	3.57G	3.569988G	3.551071G	3.588904G	-3.4634	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_50°C	Pass	3.57G	3.569983G	3.551054G	3.588911G	-4.899	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_138V	Pass	3.57G	3.569984G	3.551068G	3.588901G	-4.4333	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_120V	Pass	3.57G	3.569977G	3.55105G	3.588903G	-6.5817	3.55G,3.7G,Inf	1	-
3570MHz_Outer_Full_102V	Pass	3.57G	3.569988G	3.551061G	3.588916G	-3.2226	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-30°C	Pass	3.625G	3.624976G	3.606055G	3.643896G	-6.7328	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-20°C	Pass	3.625G	3.624978G	3.606052G	3.643903G	-6.1848	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_-10°C	Pass	3.625G	3.624974G	3.606052G	3.643897G	-7.0853	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_0°C	Pass	3.625G	3.624973G	3.60605G	3.643896G	-7.441	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_10°C	Pass	3.625G	3.624978G	3.606054G	3.643903G	-5.9599	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_20°C	Pass	3.625G	3.624985G	3.606063G	3.643907G	-4.0798	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_30°C	Pass	3.625G	3.624986G	3.60607G	3.643902G	-3.9172	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_40°C	Pass	3.625G	3.624985G	3.606069G	3.643901G	-4.1739	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_50°C	Pass	3.625G	3.624981G	3.606061G	3.643902G	-5.1468	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_138V	Pass	3.625G	3.624971G	3.606047G	3.643894G	-8.0975	3.55G,3.7G,Inf	1	-
3625MHz_Outer_Full_120V	Pass	3.625G	3.624972G	3.606047G	3.643898G	-7.6349	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	3.624973G	3.606049G	3.643897G	-7.4744	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-30°C	Pass	3.68G	3.679985G	3.661042G	3.698928G	-3.9903	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-20°C	Pass	3.68G	3.679984G	3.661041G	3.698928G	-4.2535	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_-10°C	Pass	3.68G	3.679987G	3.661053G	3.698921G	-3.533	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_0°C	Pass	3.68G	3.679986G	3.661046G	3.698927G	-3.7558	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_10°C	Pass	3.68G	3.679994G	3.661053G	3.698934G	-1.6517	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_20°C	Pass	3.68G	3.679982G	3.661034G	3.698931G	-4.834	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_30°C	Pass	3.68G	3.679984G	3.661038G	3.69893G	-4.4441	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_40°C	Pass	3.68G	3.679989G	3.661047G	3.698931G	-3.0668	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_50°C	Pass	3.68G	3.679982G	3.661045G	3.698919G	-4.7926	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_138V	Pass	3.68G	3.679988G	3.661037G	3.698939G	-3.2582	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_120V	Pass	3.68G	3.679987G	3.661047G	3.698927G	-3.5748	3.55G,3.7G,Inf	1	-
3680MHz_Outer_Full_102V	Pass	3.68G	3.679988G	3.661044G	3.698931G	-3.3423	3.55G,3.7G,Inf	1	-