RADIO TEST REPORT

FCC ID	:	Z8H89FT0082
Equipment	:	6094HH
Brand Name	:	Cambium Networks
Model Name	:	6094HH
Applicant	:	Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer	:	Cambium Networks, Ltd. Ashburton, TQ13 7UP, UK
Standard	:	47 CFR FCC Part 15.407

The product was received on Sep. 04, 2023, and testing was started from Sep. 04, 2023 and completed on Nov. 13, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR380301	01	Initial issue of report	Nov. 09, 2023
FR380301	02	Revise Antennas' model name, add channels in UNII 3 for 20MHz/40MHz, and test the added channels	Nov. 17, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Ch. Bandwidth (MHz)	Ch. Frequency (MHz)	Ch. Space (MHz)
5150-5250	5	5156-5244	1
5725-5850		5731-5844	1
5150-5250	10	5155-5245	1
5725-5850		5730-5845	1
5150-5250	15	5158-5242	1
5725-5850		5733-5842	1
5150-5250	20	5160-5240	1
5725-5850		5735-5840	1
5150-5250	30	5165-5235	1
5725-5850		5740-5835	1
5150-5250	40	5170-5230	1
5725-5850		5745-5830	1

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	QPSK5	5	2TX
5.15-5.25GHz	QPSK10	10	2TX
5.15-5.25GHz	QPSK15	15	2TX
5.15-5.25GHz	QPSK20	20	2TX
5.15-5.25GHz	QPSK30	30	2TX
5.15-5.25GHz	QPSK40	40	2TX
5.725-5.85GHz	QPSK5	5	2TX
5.725-5.85GHz	QPSK10	10	2TX
5.725-5.85GHz	QPSK15	15	2TX
5.725-5.85GHz	QPSK20	20	2TX
5.725-5.85GHz	QPSK30	30	2TX
5.725-5.85GHz	QPSK40	40	2TX

Note:
- The 5GHz function uses QPSK modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Table for Frequency Combination Mode

Type	Mode	Frequency (MHz)
1	UNII 1 (20+20 MHz) + UNII 3 (20+20 MHz)	UNII 1 (5180+5220) + UNII 3 (5755+5795)
2	UNII 1 (30+30 MHz) + UNII 3 (30+30 MHz)	UNII 1 (5180+5220) + UNII 3 (5755+5795)
3	UNII 1 (40+40 MHz) + UNII 3 (40+40 MHz)	UNII 1 (5175+5225) + UNII 3 (5750+5800)

Note: The above information was declared by manufacturer.

1.1.3 Antenna Information

For EUT 1

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	R1	R2	R1+R2					
1	-	1	3	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	21.922
	-	2	4	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	21.853
	2	-	2	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	21.893
	1	-	1	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	21.851

For EUT 2

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	R1	R2	R1+R2					
1	-	1	3	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	3.20
	-	2	4	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	3.20
	2	-	2	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	4.20
	1	-	1	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	4.70

Note 1: An EUT will only be equipped with one type of antenna.

Note 2: The above information was declared by manufacturer.

Note 3: **For 5GHz function:**

For Radio 1 (R1) (2TX/2RX):

Port 1~2 can be used as transmitting/receiving antenna.

Port 1~2 could transmit/receive simultaneously.

For Radio 2 (R2) (2TX/2RX):

Port 1~2 can be used as transmitting/receiving antenna.

Port 1~2 could transmit/receive simultaneously.

For Radio 1 + Radio 2 (R1+R2) (2TX/2RX):

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

Port 1~4 could transmit/receive simultaneously.

Note 4: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{i=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{i,k}\right\}^2}{N_{ANT}}\right]$
BF	$Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{i=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{i,k}\right\}^2}{N_{ANT}}\right]$	$Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{i=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{i,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{i=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{i,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$; NSS1(g1,2)= $10^{G3/20}$; NSS1(g1,2)= $10^{G4/20}$

gj,k =$(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

DG = 10 log$[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}/Nss]$ => 10 log$[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

Dish Antenna (Cross-Polarized Antenna)

5G UNII-1 G1 = 21.893 dBi; G2 = 21.851 dBi;

5G UNII-3 G1 = 21.922 dBi; G2 = 21.853 dBi;

5G UNII-1 DG = 21.893 dBi

5G UNII-3 DG = 21.922 dBi

Patch Antenna (Cross-Polarized Antenna)

5G UNII-1 G1 = 4.20 dBi; G2 = 4.70 dBi;

5G UNII-3 G1 = 3.20 dBi; G2 = 3.20 dBi;

5G UNII-1 DG = 4.70 dBi

5G UNII-3 DG = 3.20 dBi

1.1.4 Mode Test Duty Cycle

For other modes:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
QPSK5	0.975	0.11	2.439m	1k
QPSK10	0.975	0.11	2.437m	1k
QPSK15	0.975	0.11	2.437m	1k
QPSK20	0.975	0.11	2.436m	1k
QPSK30	0.975	0.11	2.436m	1k
QPSK40 (For EUT 1)	0.974	0.11	2.436m	1k
QPSK40 (For EUT 2)	0.975	0.11	2.436m	1k

For frequency combination modes:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
QPSK20+20	0.826	0.83	2.065m	1k
QPSK30+30	0.816	0.88	2.041m	1k
QPSK40+40	0.811	0.91	2.029m	1k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.5 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☐	Indoor P2M
	☒	Fixed P2P	☐	Client
	☐	Point-to-multipoint	☒	Point-to-point
Test Software Version	DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Information

EUT	Antenna Type
1	Dish
2	Patch

Note: The above information was declared by manufacturer.

1.1.7 Table for Radio Function

Radio (R)	Function
R1	Support UNII 1 only
R2	Support UNII 3 only

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) 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 (For other frequencies)	TH02-CB	KJ Chang	21.5~22.3 / 63~69	Oct. 03, 2023~ Oct. 06, 2023
RF Conducted (For 5735, 5840, 5745, 5830 MHz)	TH02-CB	KJ Chang	21.5~22.3 / 63~69	Nov. 13, 2023
Radiated < 1GHz	03CH04-CB	Black Lu	22.7-23.8 / 56-59	Sep. 04, 2023~ Oct. 16, 2023
Radiated > 1GHz (For other frequencies)	03CH03-CB		22.4-23.5 / 55-58	
	03CH01-CB		21.2-22.3 / 56-59	
	03CH05-CB		22.2-23.3 / 56-59	
Radiated > 1GHz (For 5735, 5840, 5745, 5830 MHz)	03CH03-CB	Black Lu	22.4-23.5 / 55-58	Nov. 10, 2023
AC Conduction	CO02-CB	Joe Chu	22~23 / 55~56	Oct. 17, 2023

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Parameter	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
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%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For EUT 1
For other modes:

Mode	Power Setting
QPSK5_5MHz_Nss1_2TX	-
5156MHz	-21.5(12/9500)
5200MHz	-12(12/0)
5244MHz	-12(12/0)
5731MHz	-18(18/0)
5787MHz	-18(18/0)
5844MHz	-18(18/0)
QPSK10_10MHz_Nss1_2TX	-
5155MHz	-48(18/30000)
5200MHz	-19.5(12/7500)
5245MHz	-18(18/0)
5730MHz	-18(18/0)
5787MHz	-13.5(12/1500)
5845MHz	-26.5(18/8500)
QPSK15_15MHz_Nss1_2TX	-
5158MHz	-23(12/11000)
5200MHz	-12(12/0)
5242MHz	-12(12/0)
5733MHz	-18(18,0)
5787MHz	-18(18,0)
5842MHz	-18(18/0)
QPSK20_20MHz_Nss1_2TX	-
5160MHz	-47(18/29000)
5200MHz	-13(12/1000)
5240MHz	-12.5(12/500)
5735MHz	-16(12/4000)
5785MHz	-18(18/0)
5840MHz	-19.5(12/7500)
QPSK30_30MHz_Nss1_2TX	-
5165MHz	-22(12/10000)
5200MHz	-12.5(12/500)
5235MHz	-12(12/0)
5740MHz	-18(18/0)
5787MHz	-18(18/0)

Mode	Power Setting
5835MHz	-18(18/0)
QPSK40_40MHz_Nss1_2TX	-
5170MHz	-30(12/18000)
5200MHz	-16(12/4000)
5230MHz	-12(12/0)
5745MHz	-17(12/5000)
5775MHz	-18(18/0)
5830MHz	-13.5(12/1500)

For frequency combination modes:

Mode	Power Setting
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	-15(12/3000)
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	-15(12/3000)
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	-13.5(12/1500)
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	-13.5(12/1500)
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	-
P#5175MHz,#5225MHz,5750MHz,5800MHz	-14.5(12/2500)
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	-
P5175MHz,5225MHz,#5750MHz,#5800MHz	-14.5(12/2500)

For EUT 2
For other modes:

Mode	Power Setting
QPSK5_5MHz_Nss1_2TX	-
5156MHz	-11.5(0/11500)
5200MHz	-13(0/13000)
5244MHz	-9(0/9000)
5731MHz	-7(0/7000)
5787MHz	-5.5(0/5500)
5844MHz	-4(0/4000)
QPSK10_10MHz_Nss1_2TX	-
5155MHz	-27(0/27000)
5200MHz	-9.5(0/9500)
5245MHz	-5.5(0/5500)
5730MHz	-7(0/7000)
5787MHz	-6(0/6000)
5845MHz	-4(0/4000)
QPSK15_15MHz_Nss1_2TX	-
5158MHz	-10(0/10000)
5200MHz	-5.5(0/5500)
5242MHz	-1.5(0/1500)
5733MHz	-4(0/4000)
5787MHz	-3(0/3000)
5842MHz	-1.5(0/1500)
QPSK20_20MHz_Nss1_2TX	-
5160MHz	-25.5(0/25500)
5200MHz	-6.5(0/6500)
5240MHz	-3(0/3000)
5735MHz	-6.5(0/6500)
5785MHz	-5.5(0/5500)
5840MHz	-4.5(0/4500)
QPSK30_30MHz_Nss1_2TX	-
5165MHz	-8.5(0/8500)
5200MHz	-4.5(0/4500)
5235MHz	0(0/0)
5740MHz	-3(0/3000)
5787MHz	-2.5(0/2500)
5835MHz	-1(0/1000)
QPSK40_40MHz_Nss1_2TX	-
5170MHz	-11.5(0/11500)
5200MHz	-10.5(0/10500)

Mode	Power Setting
5230MHz	-6(0/6000)
5745MHz	-6.5(0/6500)
5775MHz	-5.5(0/5500)
5830MHz	-5.5(0/5500)

For frequency combination modes:

Mode	Power Setting
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	-6(6/0)
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	-6(6/0)
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	-3(0/3000)
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	-3(0/3000)
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	-
P#5175MHz,#5225MHz,5750MHz,5800MHz	-4.5(0/4500)
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	-
P5175MHz,5225MHz,#5750MHz,#5800MHz	-4.5(0/4500)

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT 1
2	EUT 2
For operating, mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests		
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density	
Test Condition	Conducted measurement at transmit chains	
Test Mode	1	EUT 1
	2	EUT 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
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 1 in Y axis
2	EUT 2 in Y axis
For operating, mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 1 in Y axis
2	EUT 2 in Y axis

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

Equipment	Brand Name	Model Name
PoE	Cambium	NET-P60-56IN

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Wall bracket*1 (For EUT 1 only)

2.5 Support Equipment

For AC Conduction:

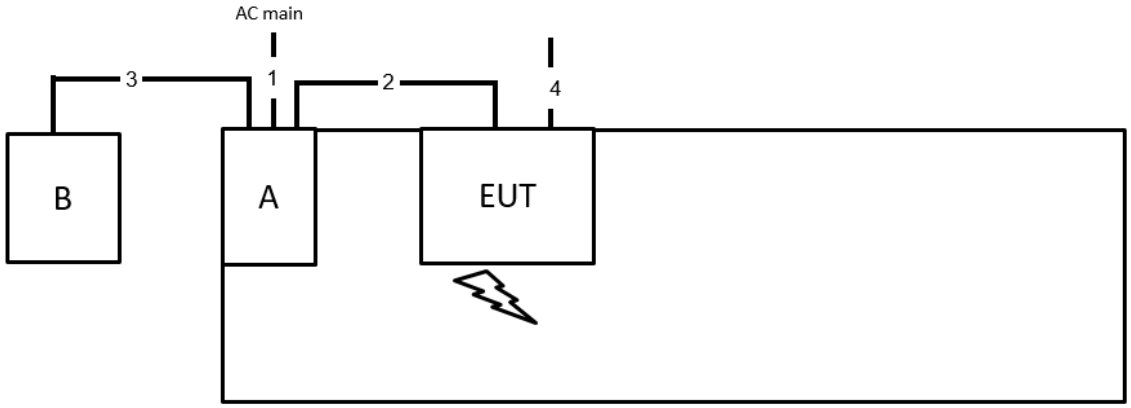
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium	NET-P60-56IN	N/A
B	LAN NB	DELL	E6430	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium	NET-P60-56IN	N/A

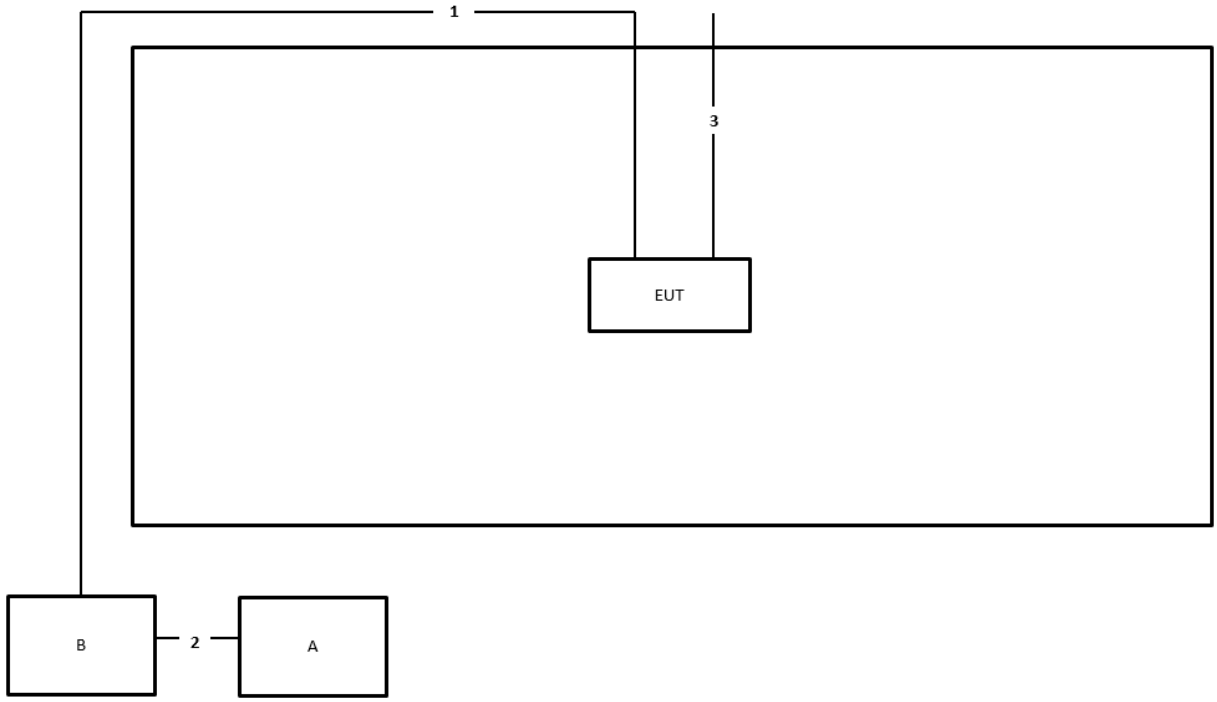
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



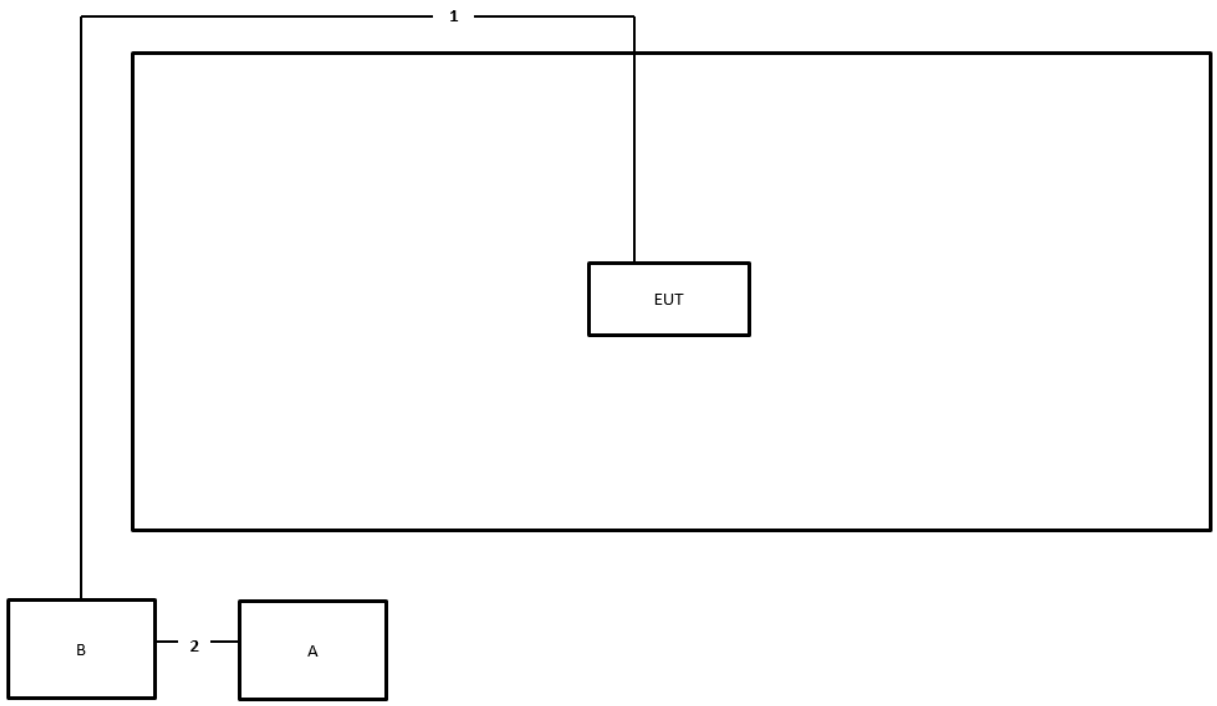
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Ground cable	No	1.8m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1m
3	Ground cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

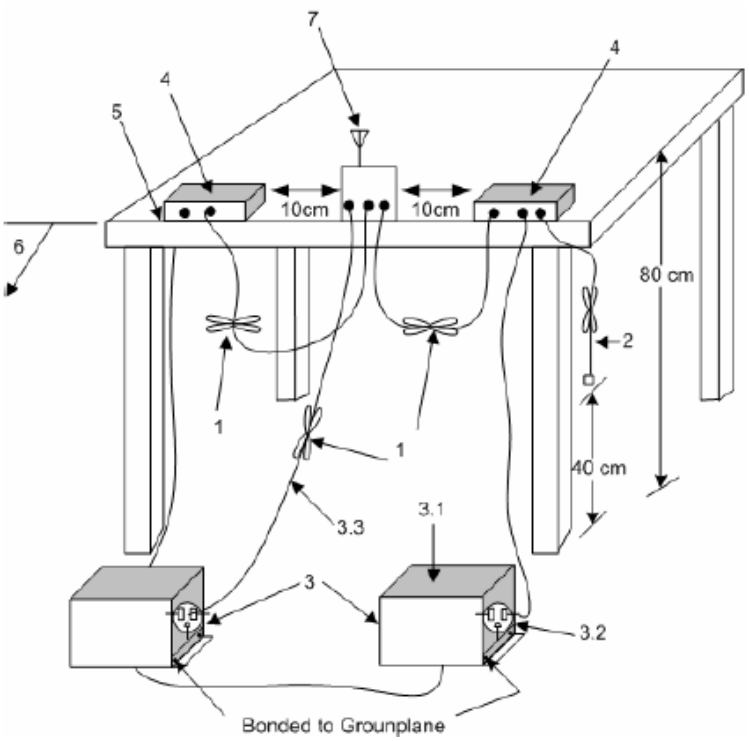
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☐ For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐ For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒ For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices
☐ For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

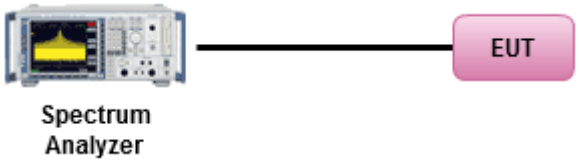
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
	☒ Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

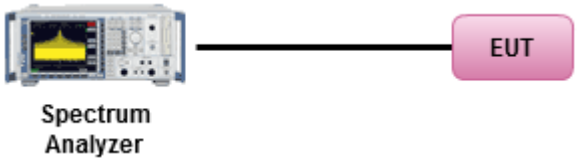
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

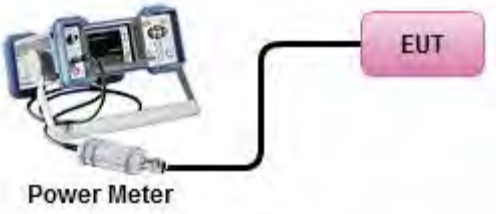
Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For frequency combination modes:

Conducted Measurement (Spectrum Analyzer)


For other modes:

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
☒ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐ For radiated measurement.		
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.4.4 Test Setup

Conducted Measurement
 Spectrum Analyzer — EUT

3.4.5 est Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

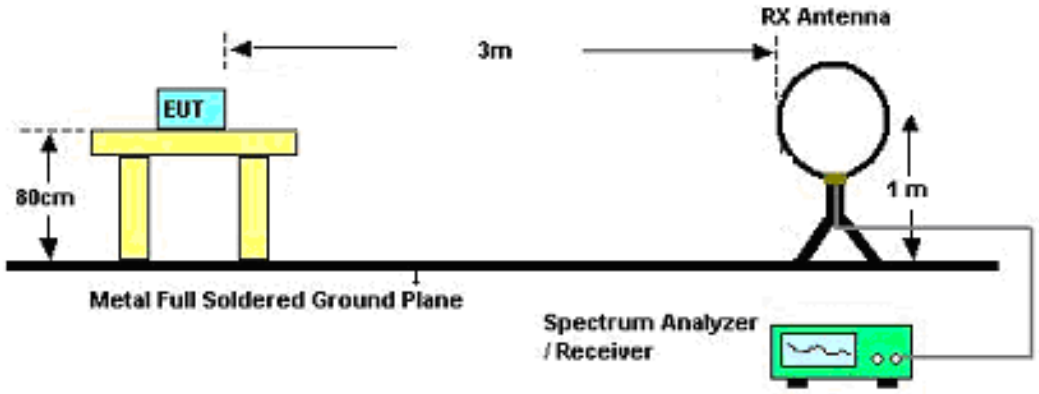
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.

Test Method
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

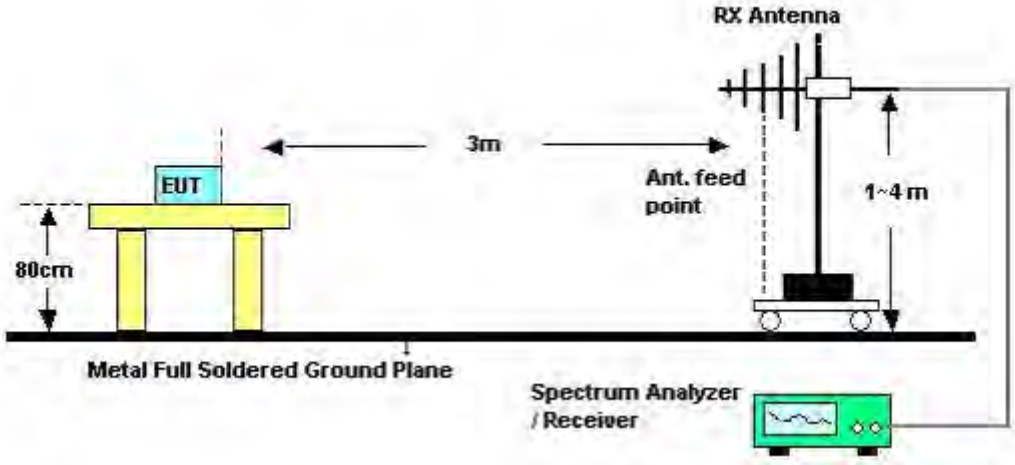
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

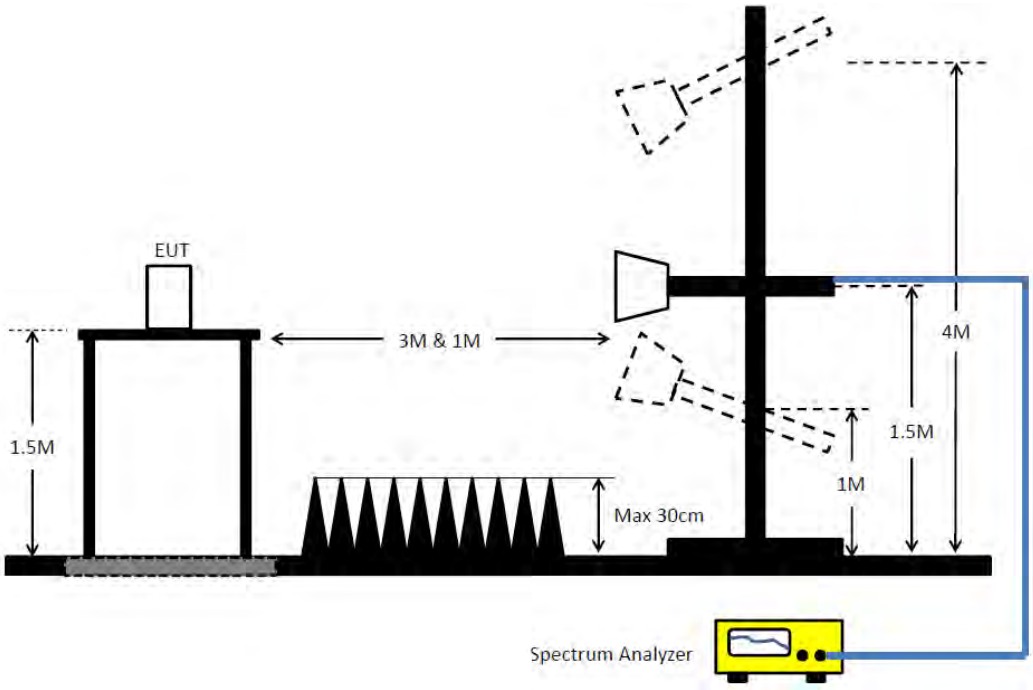
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 08, 2022	Oct. 07, 2023	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 29, 2022	Nov. 29, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~ 18GHz	Feb. 03, 2023	Feb. 02, 2024	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	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	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 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. 16, 2022	Nov. 15, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	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	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~ 40GHz	Aug. 23, 2023	Aug. 22, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~ 40GHz	Aug. 23, 2023	Aug. 22, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

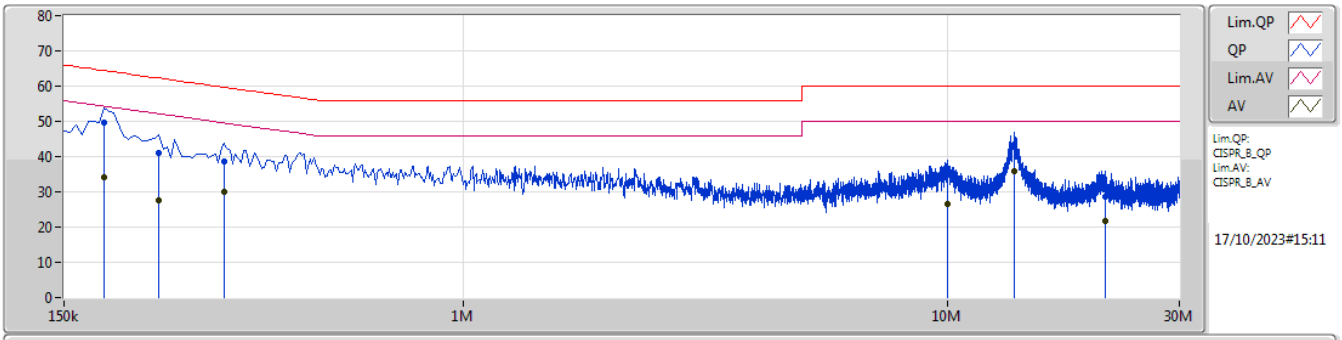
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

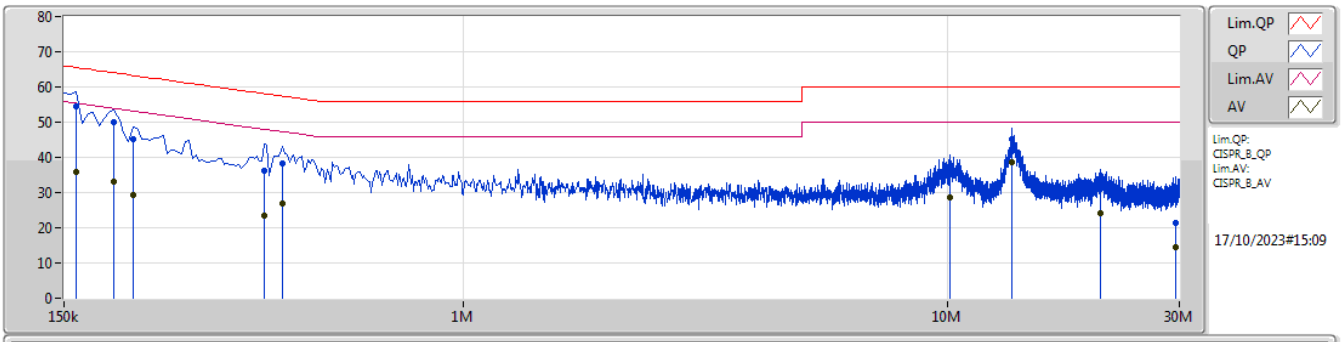
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159k	54.39	65.52	-11.13	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	181.5k	49.77	64.41	-14.64	10.21	Line	-	39.56	0.04	0.10	10.07
AV	181.5k	34.16	54.41	-20.25	10.21	Line	-	23.95	0.04	0.10	10.07
QP	235.5k	41.12	62.25	-21.13	10.21	Line	-	30.91	0.04	0.12	10.05
AV	235.5k	27.56	52.25	-24.69	10.21	Line	-	17.35	0.04	0.12	10.05
QP	321k	38.73	59.67	-20.94	10.21	Line	-	28.52	0.04	0.14	10.03
AV	321k	29.84	49.67	-19.83	10.21	Line	-	19.63	0.04	0.14	10.03
QP	10.001M	34.75	60.00	-25.25	10.33	Line	-	24.42	0.20	0.21	9.92
AV	10.001M	26.62	50.00	-23.38	10.33	Line	-	16.29	0.20	0.21	9.92
QP	13.704M	42.64	60.00	-17.36	10.45	Line	-	32.19	0.26	0.24	9.95
AV	13.704M	35.86	50.00	-14.14	10.45	Line	"Worst"	25.41	0.26	0.24	9.95
QP	21.084M	28.47	60.00	-31.53	10.67	Line	-	17.80	0.36	0.26	10.05
AV	21.084M	21.57	50.00	-28.43	10.67	Line	-	10.90	0.36	0.26	10.05

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	54.39	65.52	-11.13	10.23	Neutral	"Worst"	44.16	0.05	0.09	10.09
AV	159k	35.79	55.52	-19.73	10.23	Neutral	-	25.56	0.05	0.09	10.09
QP	190.5k	49.97	64.01	-14.04	10.23	Neutral	-	39.74	0.05	0.11	10.07
AV	190.5k	33.14	54.01	-20.87	10.23	Neutral	-	22.91	0.05	0.11	10.07
QP	208.5k	45.27	63.27	-18.00	10.22	Neutral	-	35.05	0.05	0.11	10.06
AV	208.5k	29.45	53.27	-23.82	10.22	Neutral	-	19.23	0.05	0.11	10.06
QP	388.5k	36.09	58.10	-22.01	10.21	Neutral	-	25.88	0.05	0.15	10.01
AV	388.5k	23.45	48.10	-24.65	10.21	Neutral	-	13.24	0.05	0.15	10.01
QP	424.5k	38.16	57.36	-19.20	10.20	Neutral	-	27.96	0.05	0.15	10.00
AV	424.5k	27.04	47.36	-20.32	10.20	Neutral	-	16.84	0.05	0.15	10.00
QP	10.082M	36.58	60.00	-23.42	10.31	Neutral	-	26.27	0.18	0.21	9.92
AV	10.082M	28.49	50.00	-21.51	10.31	Neutral	-	18.18	0.18	0.21	9.92
QP	13.56M	45.26	60.00	-14.74	10.39	Neutral	-	34.87	0.20	0.24	9.95
AV	13.56M	38.45	50.00	-11.55	10.39	Neutral	-	28.06	0.20	0.24	9.95
QP	20.576M	30.91	60.00	-29.09	10.54	Neutral	-	20.37	0.23	0.26	10.05
AV	20.576M	24.19	50.00	-25.81	10.54	Neutral	-	13.65	0.23	0.26	10.05
QP	29.535M	21.22	60.00	-38.78	10.48	Neutral	-	10.74	0.30	0.27	9.91
AV	29.535M	14.46	50.00	-35.54	10.48	Neutral	-	3.98	0.30	0.27	9.91

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	5.005M	4.616M	4M62G7D	4.785M	4.585M
QPSK10_10MHz_Nss1_2TX	9.983M	9.22M	9M22G7D	9.735M	9.17M
QPSK15_15MHz_Nss1_2TX	14.108M	13.137M	13M1G7D	13.984M	12.987M
QPSK20_20MHz_Nss1_2TX	20.24M	18.491M	18M5G7D	19.415M	18.366M
QPSK30_30MHz_Nss1_2TX	27.72M	24.513M	24M5G7D	27.143M	24.4M
QPSK40_40MHz_Nss1_2TX	37.73M	36.032M	36M0G7D	37.51M	35.482M
5.725-5.85GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	4.634M	4.61M	4M61G7D	3.204M	4.598M
QPSK10_10MHz_Nss1_2TX	9.295M	9.22M	9M22G7D	9.24M	9.183M
QPSK15_15MHz_Nss1_2TX	12.953M	13.137M	13M1G7D	12.169M	12.987M
QPSK20_20MHz_Nss1_2TX	18.535M	18.453M	18M5G7D	18.48M	18.416M
QPSK30_30MHz_Nss1_2TX	24.09M	24.625M	24M6G7D	22.275M	24.4M
QPSK40_40MHz_Nss1_2TX	35.42M	36.221M	36M2G7D	34.21M	35.807M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

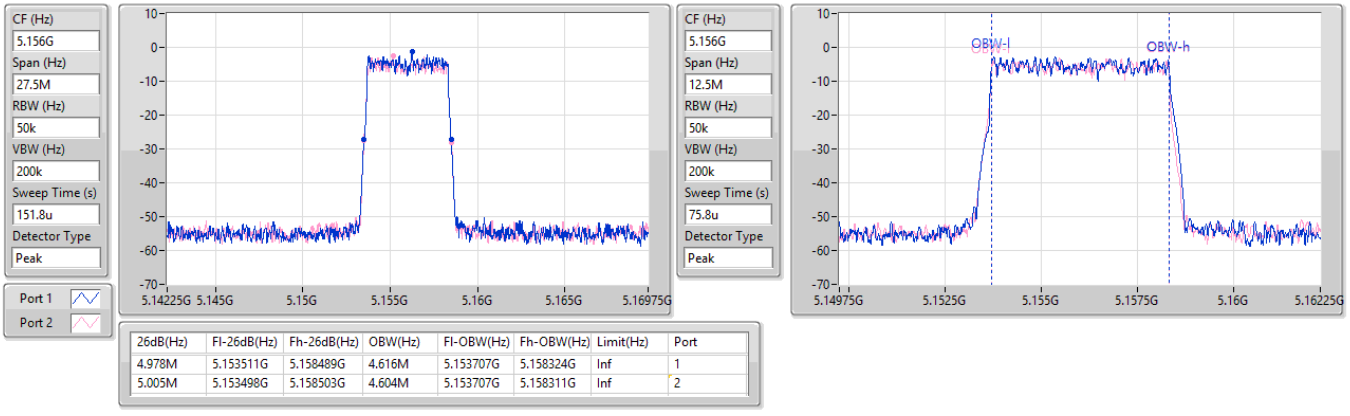
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5156MHz	Pass	Inf	4.978M	4.616M	5.005M	4.604M
5200MHz	Pass	Inf	4.964M	4.61M	4.936M	4.598M
5244MHz	Pass	Inf	5.005M	4.591M	4.785M	4.585M
5731MHz	Pass	500k	3.204M	4.61M	4.18M	4.598M
5787MHz	Pass	500k	4.249M	4.61M	4.634M	4.598M
5844MHz	Pass	500k	4.62M	4.61M	4.249M	4.61M
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5155MHz	Pass	Inf	9.928M	9.183M	9.983M	9.22M
5200MHz	Pass	Inf	9.818M	9.17M	9.845M	9.22M
5245MHz	Pass	Inf	9.873M	9.22M	9.735M	9.183M
5730MHz	Pass	500k	9.24M	9.208M	9.268M	9.208M
5787MHz	Pass	500k	9.268M	9.195M	9.24M	9.195M
5845MHz	Pass	500k	9.295M	9.183M	9.268M	9.22M
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5158MHz	Pass	Inf	14.025M	13.043M	14.066M	12.987M
5200MHz	Pass	Inf	14.066M	13.137M	14.108M	13.137M
5242MHz	Pass	Inf	14.066M	13.118M	13.984M	13.025M
5733MHz	Pass	500k	12.169M	12.987M	12.54M	13.137M
5787MHz	Pass	500k	12.334M	13.081M	12.21M	13.062M
5842MHz	Pass	500k	12.375M	13.1M	12.953M	13.137M
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5160MHz	Pass	Inf	19.415M	18.391M	19.91M	18.491M
5200MHz	Pass	Inf	19.855M	18.416M	20.24M	18.491M
5240MHz	Pass	Inf	19.965M	18.441M	19.8M	18.366M
5735MHz	Pass	500k	18.535M	18.431M	18.535M	18.438M
5785MHz	Pass	500k	18.535M	18.416M	18.535M	18.416M
5840MHz	Pass	500k	18.48M	18.453M	18.48M	18.452M
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5165MHz	Pass	Inf	27.39M	24.4M	27.72M	24.438M
5200MHz	Pass	Inf	27.555M	24.4M	27.473M	24.475M
5235MHz	Pass	Inf	27.143M	24.513M	27.638M	24.513M
5740MHz	Pass	500k	22.44M	24.475M	23.265M	24.475M
5787MHz	Pass	500k	24.09M	24.4M	23.43M	24.513M
5835MHz	Pass	500k	22.275M	24.4M	23.348M	24.625M
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5170MHz	Pass	Inf	37.73M	36.032M	37.51M	35.932M
5200MHz	Pass	Inf	37.73M	35.682M	37.73M	35.482M
5230MHz	Pass	Inf	37.62M	35.682M	37.51M	35.832M
5745MHz	Pass	500k	34.43M	35.807M	34.21M	36.221M
5775MHz	Pass	500k	35.42M	35.932M	35.2M	35.882M
5830MHz	Pass	500k	34.54M	35.866M	35.09M	35.829M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **EBW**

5156MHz

03/10/2023

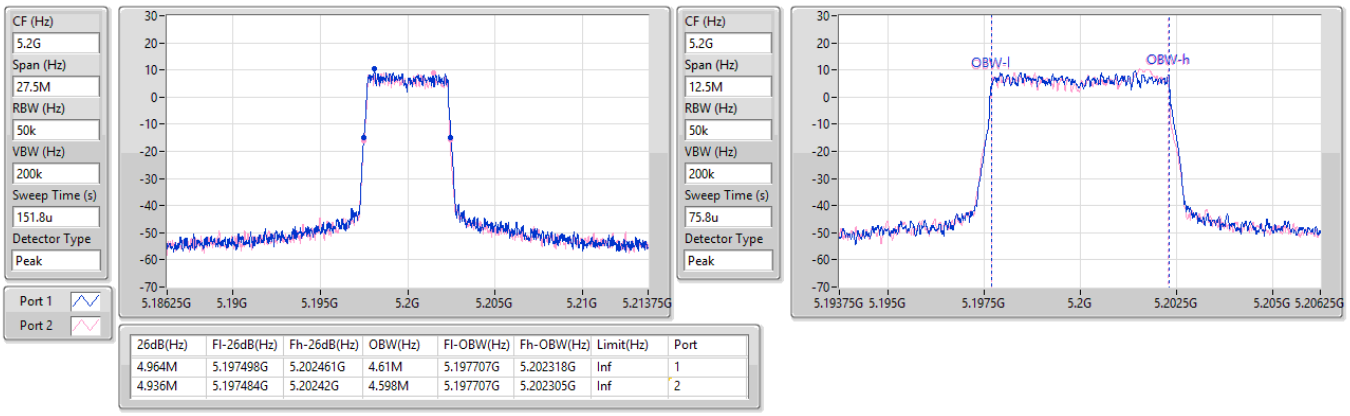


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.978M	5.153511G	5.158489G	4.616M	5.153707G	5.158324G	Inf	1
5.005M	5.153498G	5.158503G	4.604M	5.153707G	5.158311G	Inf	2

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **EBW**

5200MHz

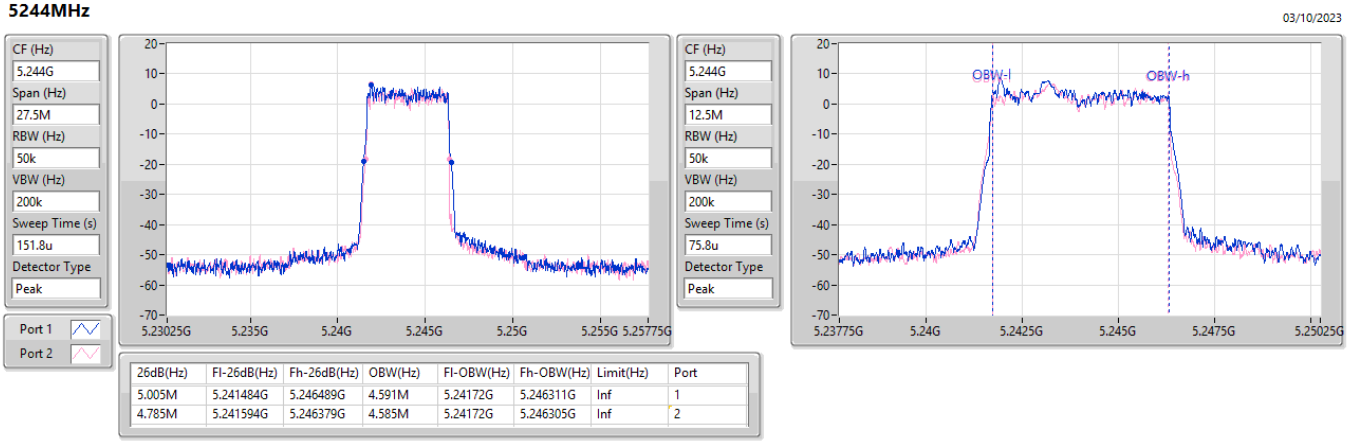
03/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.964M	5.197498G	5.202461G	4.61M	5.197707G	5.202318G	Inf	1
4.936M	5.197484G	5.20242G	4.598M	5.197707G	5.202305G	Inf	2

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **EBW**

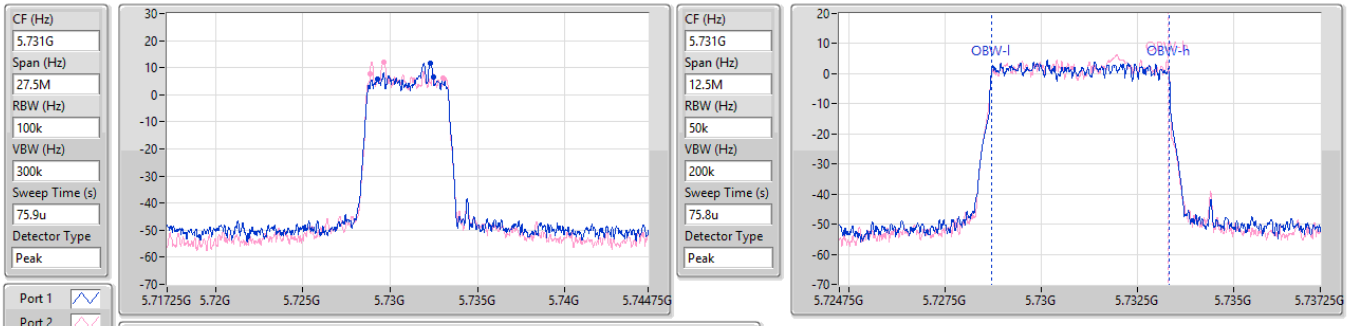
5244MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
5.005M	5.241484G	5.246489G	4.591M	5.24172G	5.246311G	Inf	1
4.785M	5.241594G	5.246379G	4.585M	5.24172G	5.246305G	Inf	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

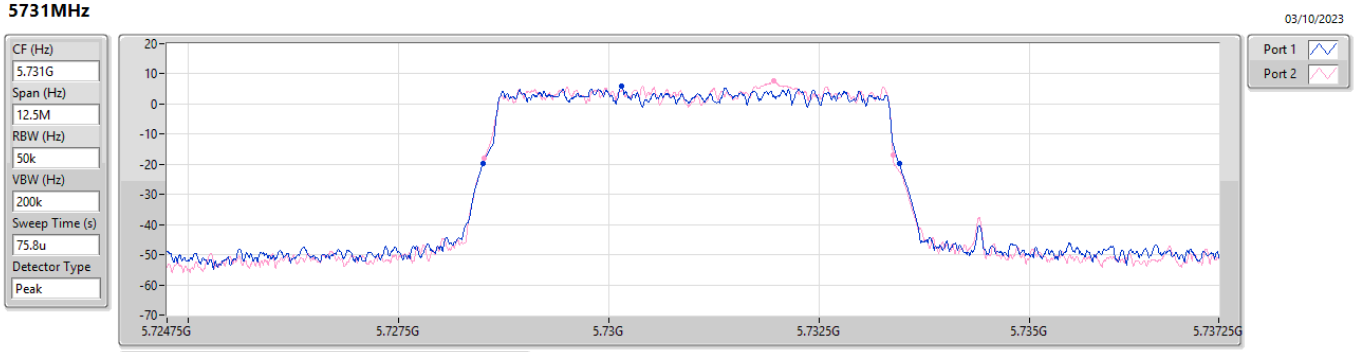
5731MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.204M	5.729254G	5.732458G	4.61M	5.728701G	5.733311G	500k	1
4.18M	5.728855G	5.733035G	4.598M	5.728707G	5.733305G	500k	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

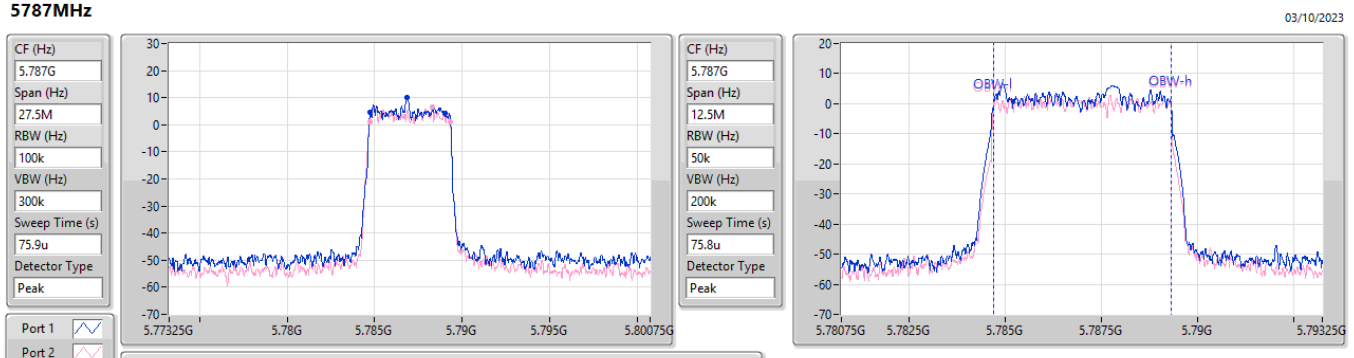
5731MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.944M	5.728506G	5.73345G	Inf	1
4.85M	5.728525G	5.733375G	Inf	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

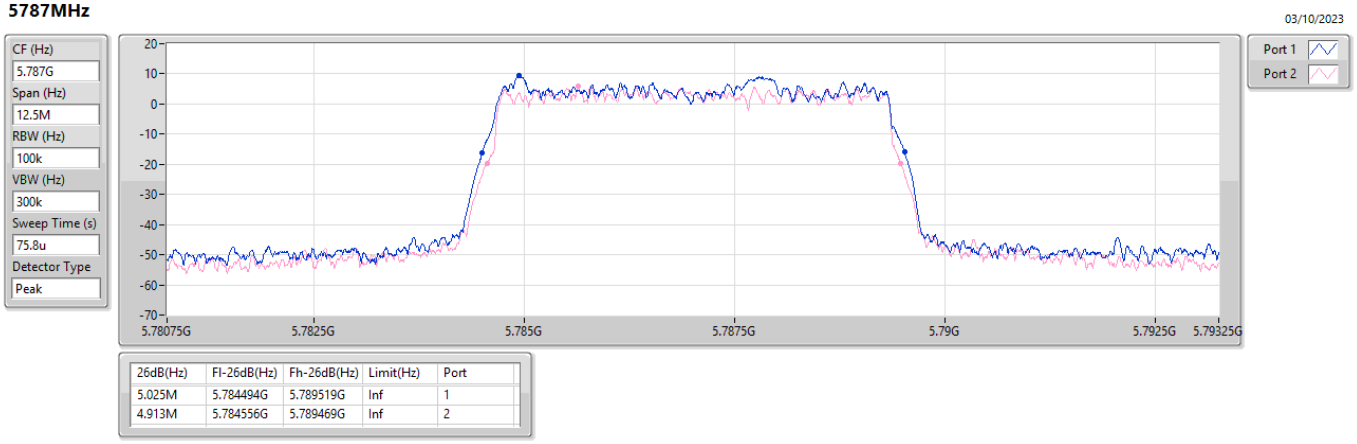
5787MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.249M	5.784759G	5.789008G	4.61M	5.784701G	5.789311G	500k	1
4.634M	5.784704G	5.789338G	4.598M	5.784714G	5.789311G	500k	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

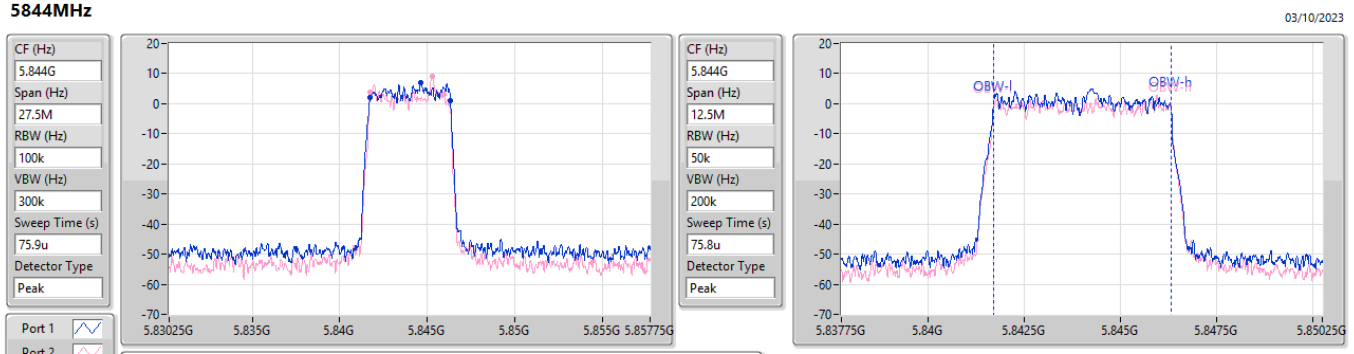
5787MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.025M	5.784494G	5.789519G	Inf	1
4.913M	5.784556G	5.789469G	Inf	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

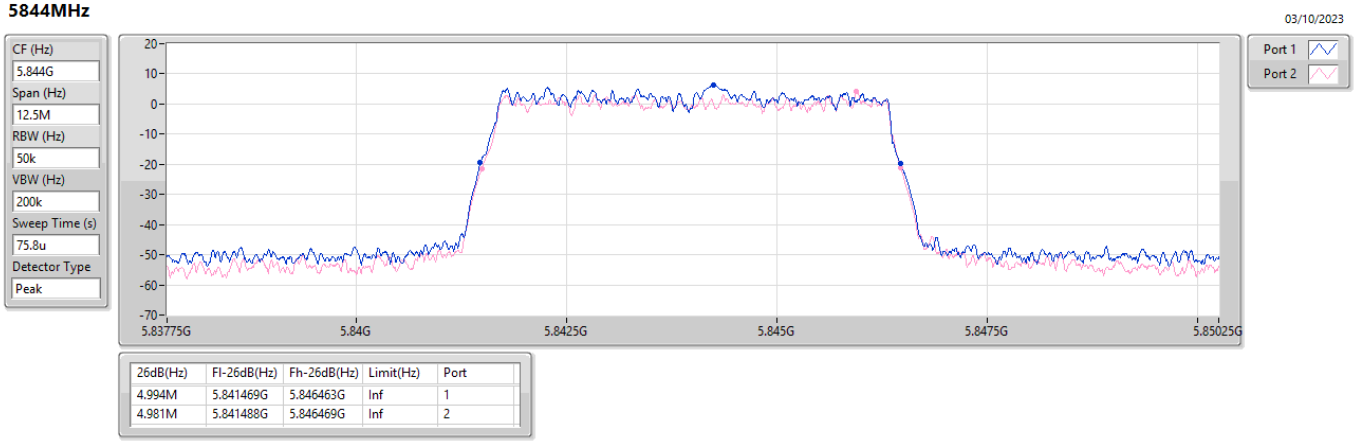
5844MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.62M	5.841718G	5.846338G	4.61M	5.841701G	5.846311G	500k	1
4.249M	5.841731G	5.84598G	4.61M	5.841701G	5.846311G	500k	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

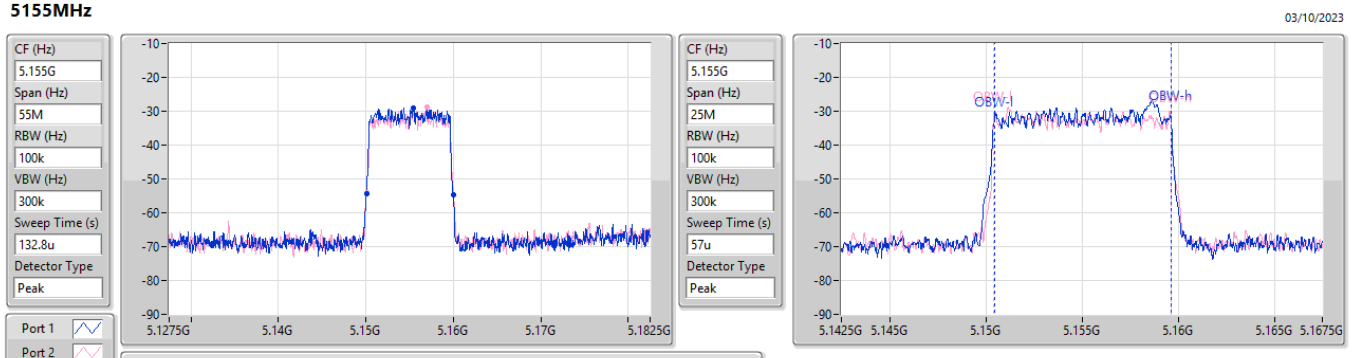
5844MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.994M	5.841469G	5.846463G	Inf	1
4.981M	5.841488G	5.846469G	Inf	2

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5155MHz

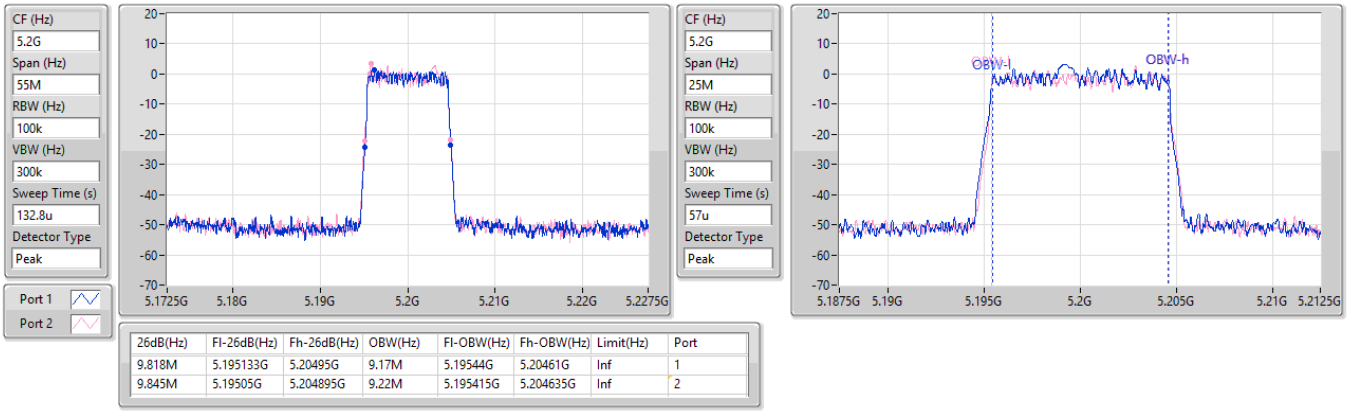


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.928M	5.15005G	5.159978G	9.183M	5.15044G	5.159623G	Inf	1
9.983M	5.15005G	5.160033G	9.22M	5.150415G	5.159635G	Inf	2

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5200MHz

03/10/2023

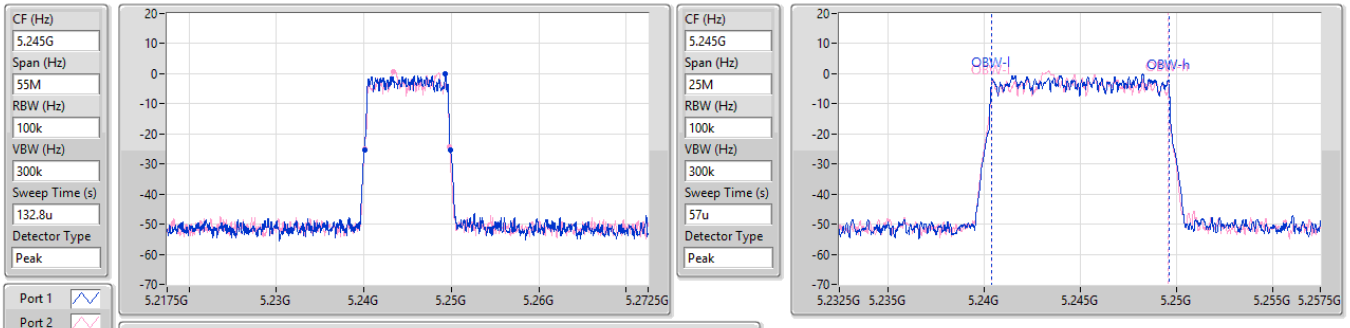


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.818M	5.195133G	5.20495G	9.17M	5.19544G	5.20461G	Inf	1
9.845M	5.19505G	5.204895G	9.22M	5.195415G	5.204635G	Inf	2

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5245MHz

03/10/2023

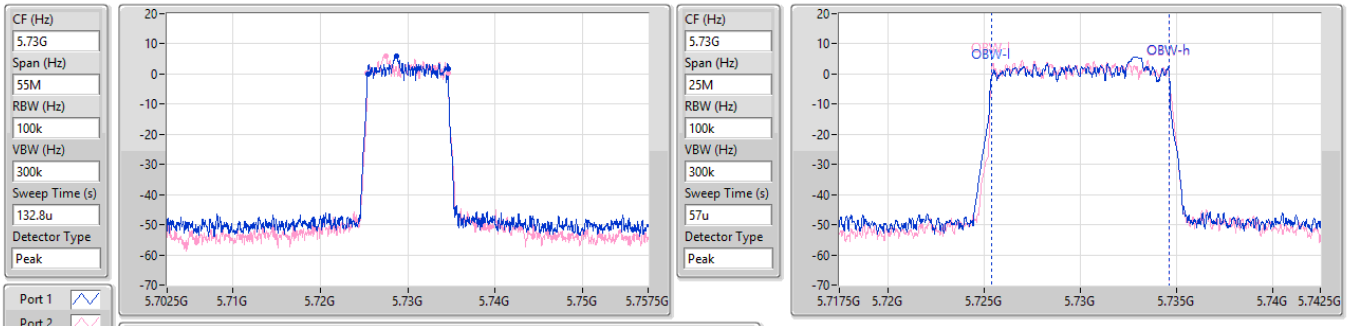


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.873M	5.24005G	5.249923G	9.22M	5.240402G	5.249623G	Inf	1
9.735M	5.240078G	5.249813G	9.183M	5.240415G	5.249598G	Inf	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5730MHz

03/10/2023

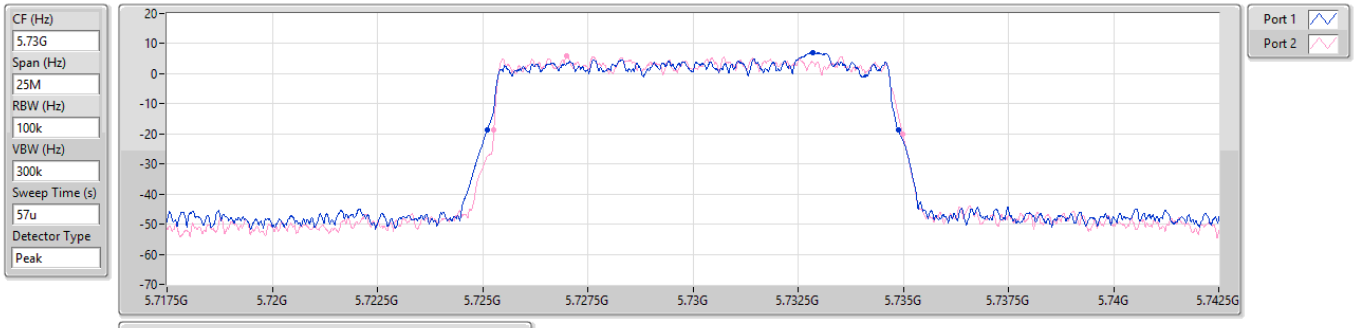


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.24M	5.725408G	5.734648G	9.208M	5.725415G	5.734623G	500k	1
9.268M	5.72538G	5.734648G	9.208M	5.725427G	5.734635G	500k	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5730MHz

03/10/2023

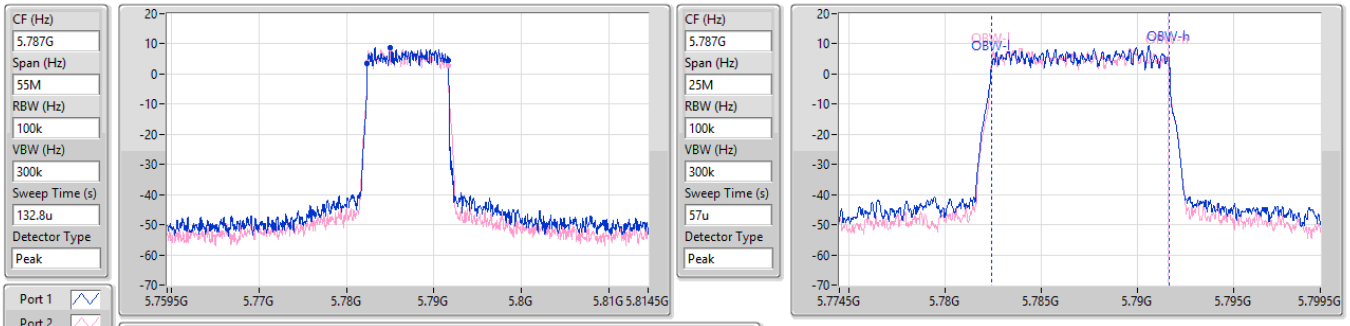


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
9.75M	5.725125G	5.734875G	Inf	1
9.713M	5.725275G	5.734988G	Inf	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5787MHz

03/10/2023

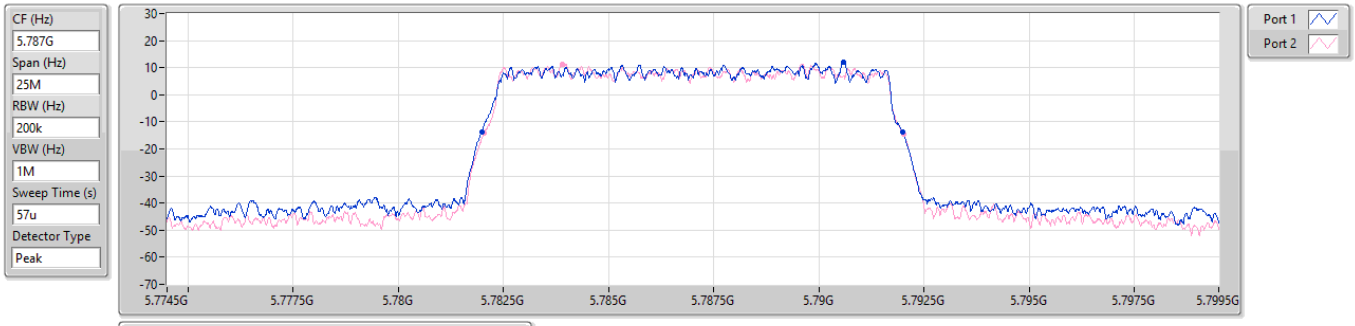


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.268M	5.78238G	5.791648G	9.195M	5.782427G	5.791623G	500k	1
9.24M	5.78238G	5.79162G	9.195M	5.782415G	5.79161G	500k	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5787MHz

03/10/2023

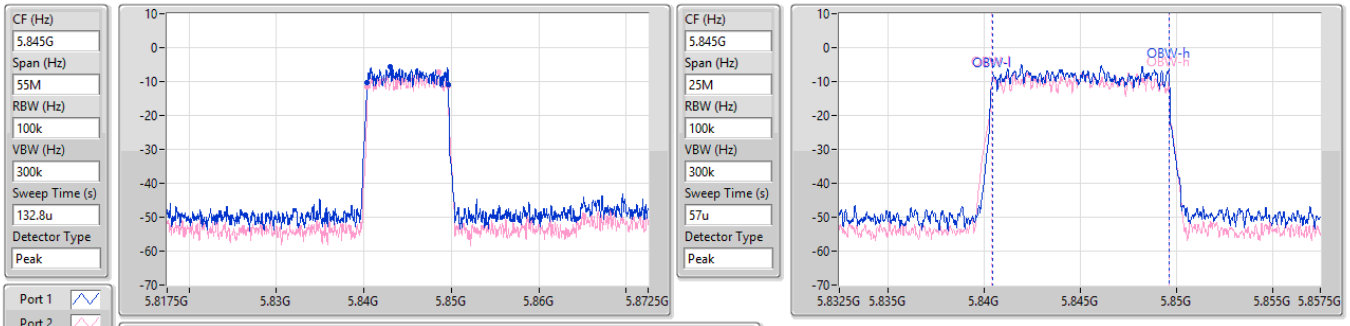


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
10.013M	5.781975G	5.791988G	Inf	1
9.963M	5.782038G	5.792G	Inf	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5845MHz

03/10/2023

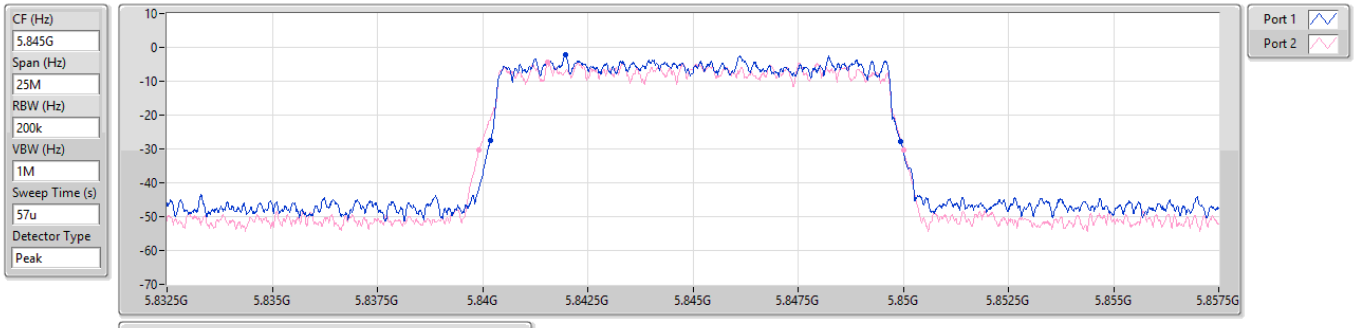


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.295M	5.84038G	5.849675G	9.183M	5.84044G	5.849623G	500k	1
9.268M	5.84038G	5.849648G	9.22M	5.840402G	5.849623G	500k	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5845MHz

03/10/2023

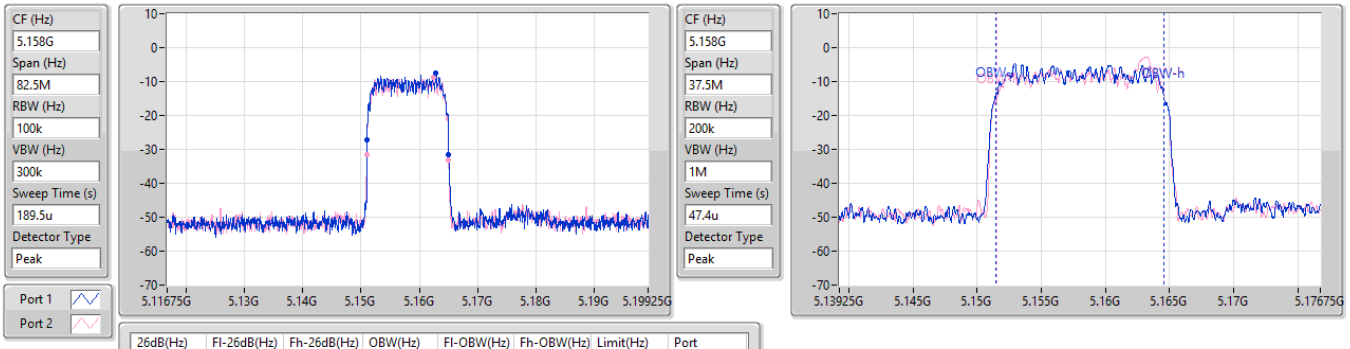


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
9.738M	5.840188G	5.849925G	Inf	1
10.088M	5.839913G	5.85G	Inf	2

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5158MHz

03/10/2023

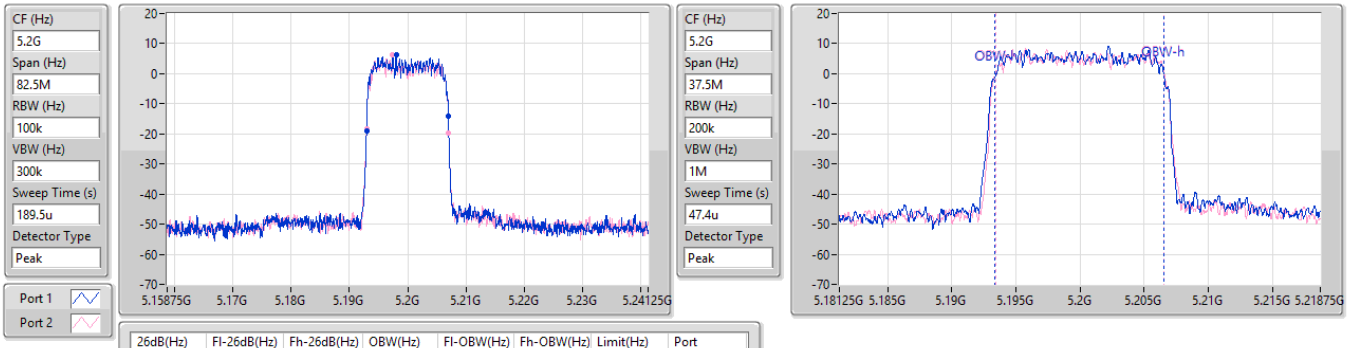


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.025M	5.151029G	5.165054G	13.043M	5.151478G	5.164522G	Inf	1
14.066M	5.150988G	5.165054G	12.987M	5.151553G	5.16454G	Inf	2

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5200MHz

03/10/2023

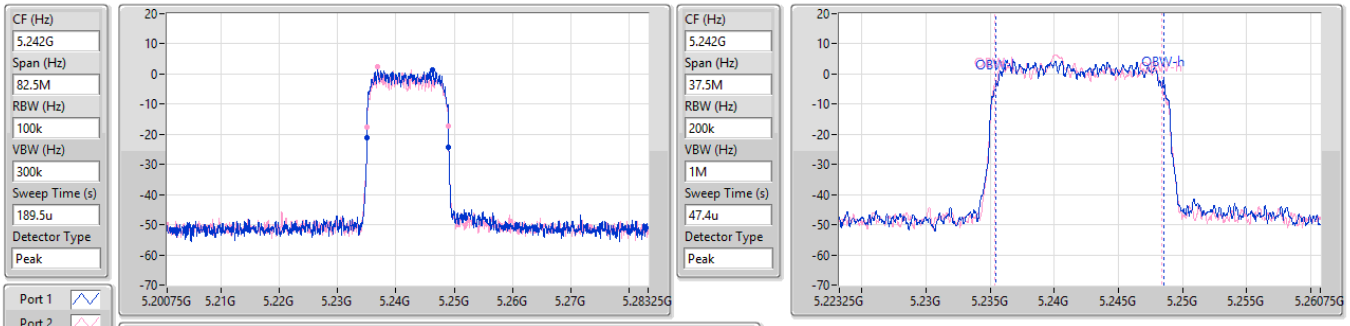


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.066M	5.192946G	5.207013G	13.137M	5.193385G	5.206522G	Inf	1
14.108M	5.192946G	5.207054G	13.137M	5.193422G	5.206559G	Inf	2

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5242MHz

03/10/2023

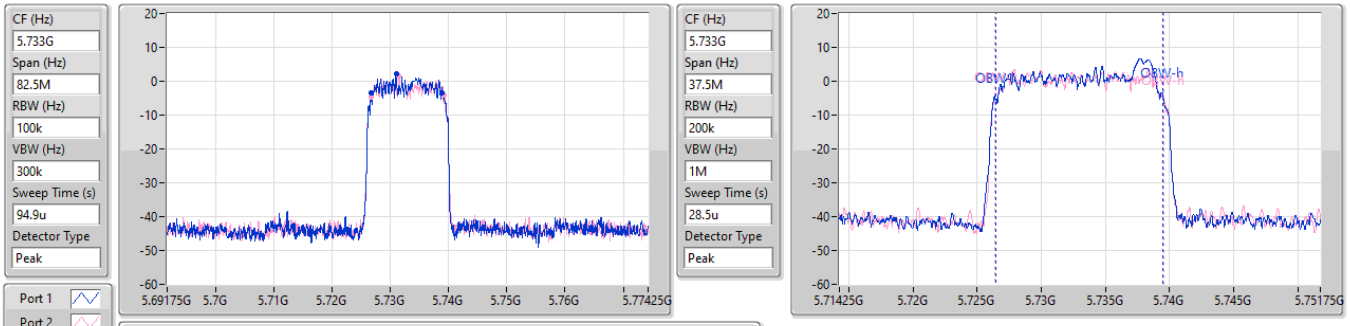


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.066M	5.234988G	5.249054G	13.118M	5.235441G	5.248559G	Inf	1
13.984M	5.235029G	5.249013G	13.025M	5.235403G	5.248428G	Inf	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5733MHz

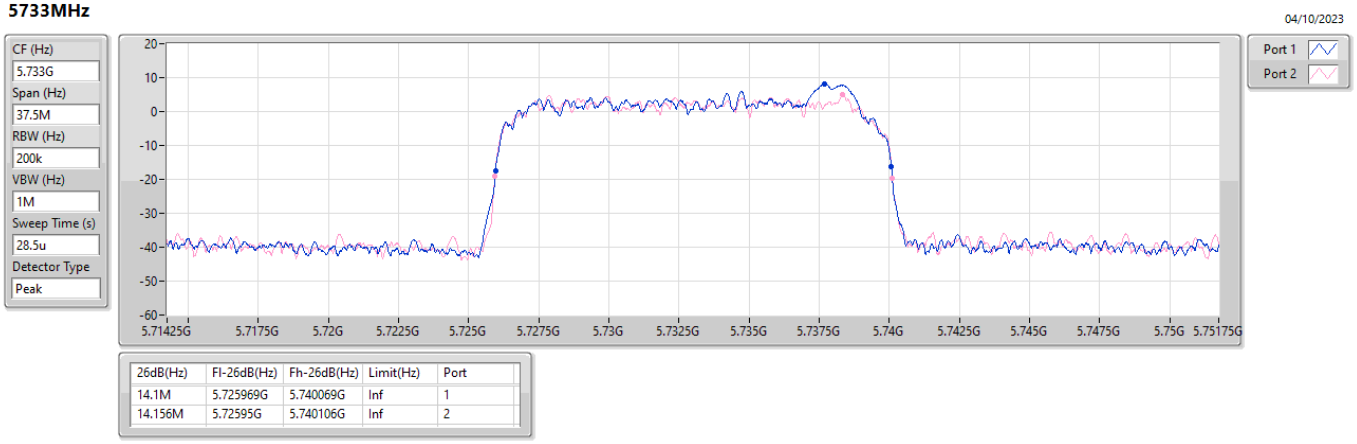
04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.169M	5.726813G	5.738981G	12.987M	5.726478G	5.739466G	500k	1
12.54M	5.726771G	5.739311G	13.137M	5.726403G	5.73954G	500k	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

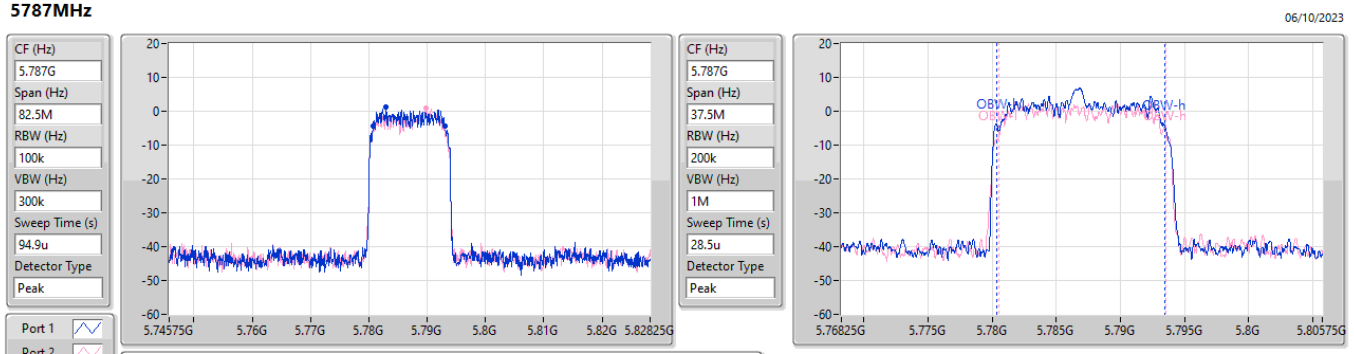
5733MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
14.1M	5.725969G	5.740069G	Inf	1
14.156M	5.72595G	5.740106G	Inf	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

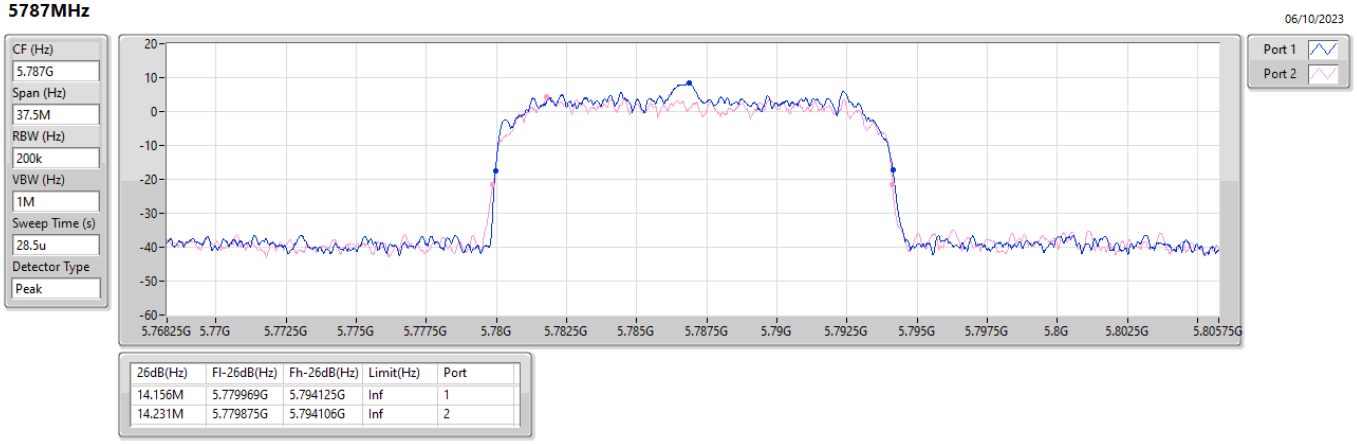
5787MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.334M	5.78073G	5.793064G	13.081M	5.780385G	5.793466G	500k	1
12.21M	5.780771G	5.792981G	13.062M	5.780516G	5.793578G	500k	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

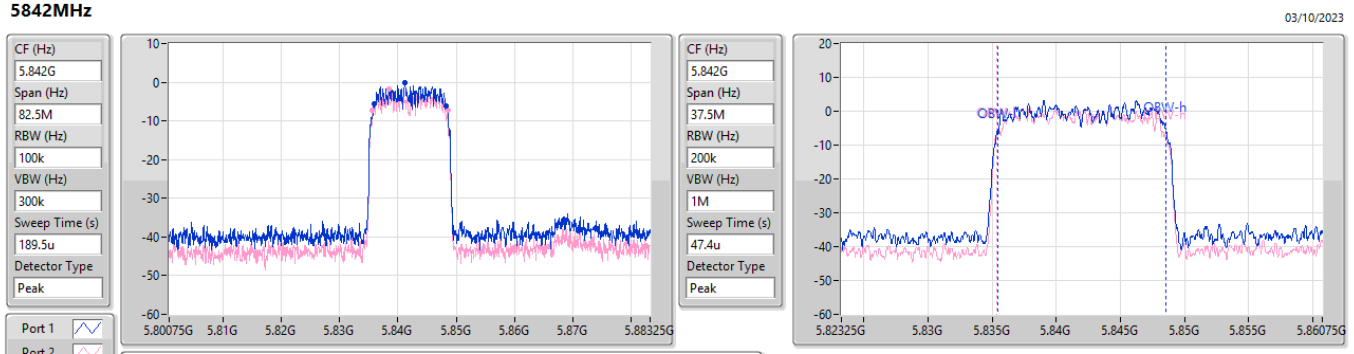
5787MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
14.156M	5.779969G	5.794125G	Inf	1
14.231M	5.779875G	5.794106G	Inf	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

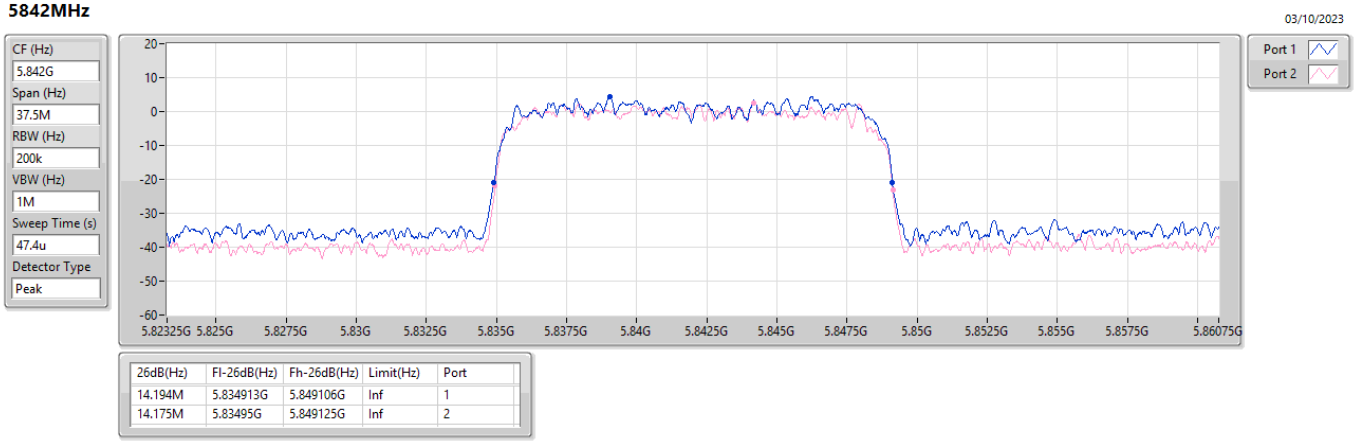
5842MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.375M	5.835936G	5.848311G	13.1M	5.83546G	5.848559G	500k	1
12.953M	5.835606G	5.848559G	13.137M	5.835403G	5.84854G	500k	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

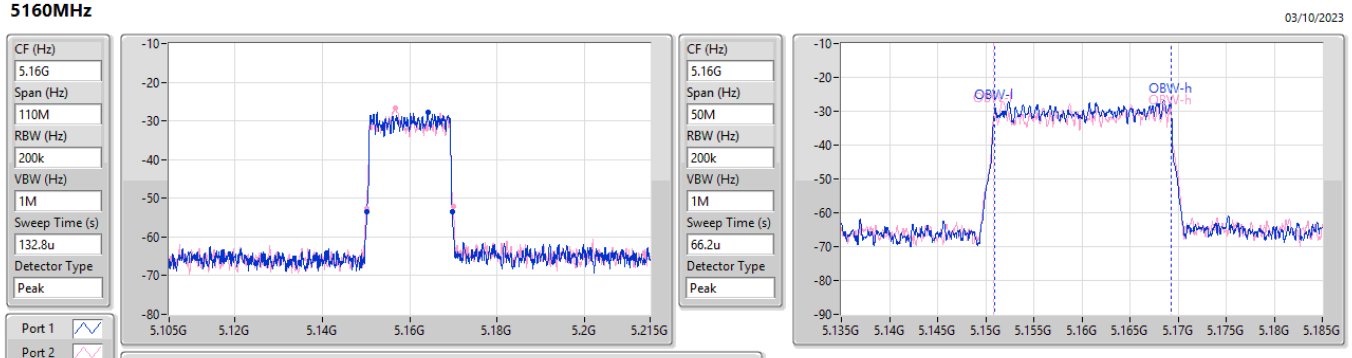
5842MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
14.194M	5.834913G	5.849106G	Inf	1
14.175M	5.83495G	5.849125G	Inf	2

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5160MHz

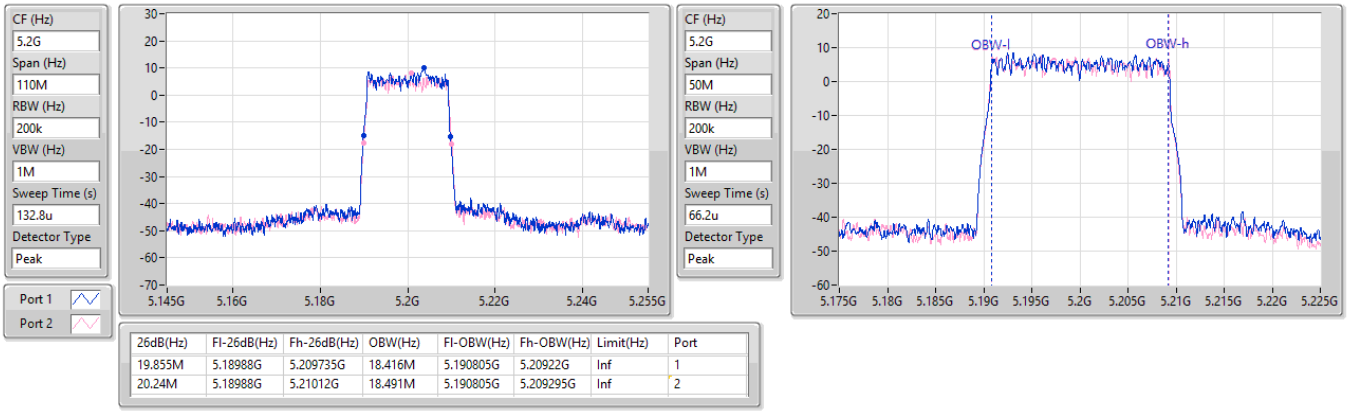


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.415M	5.150265G	5.16968G	18.391M	5.15088G	5.16927G	Inf	1
19.91M	5.1501G	5.17001G	18.491M	5.150805G	5.169295G	Inf	2

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5200MHz

03/10/2023

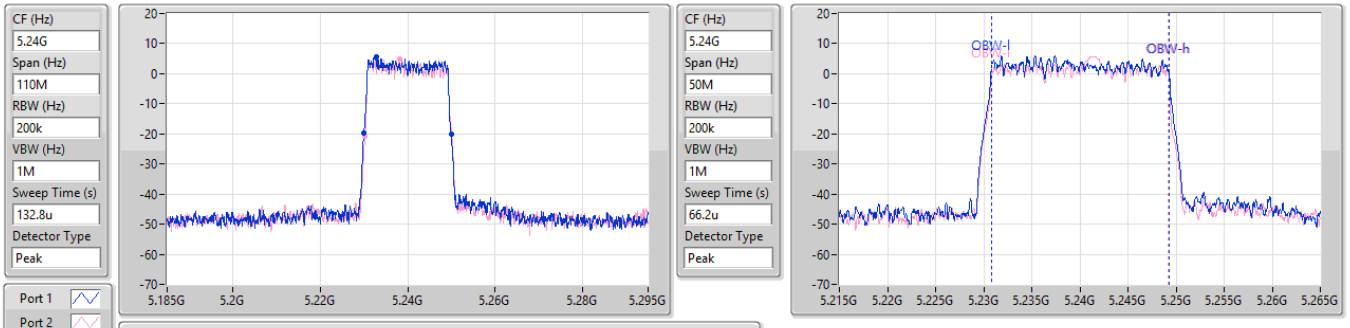


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.855M	5.18988G	5.209735G	18.416M	5.190805G	5.20922G	Inf	1
20.24M	5.18988G	5.21012G	18.491M	5.190805G	5.209295G	Inf	2

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5240MHz

03/10/2023

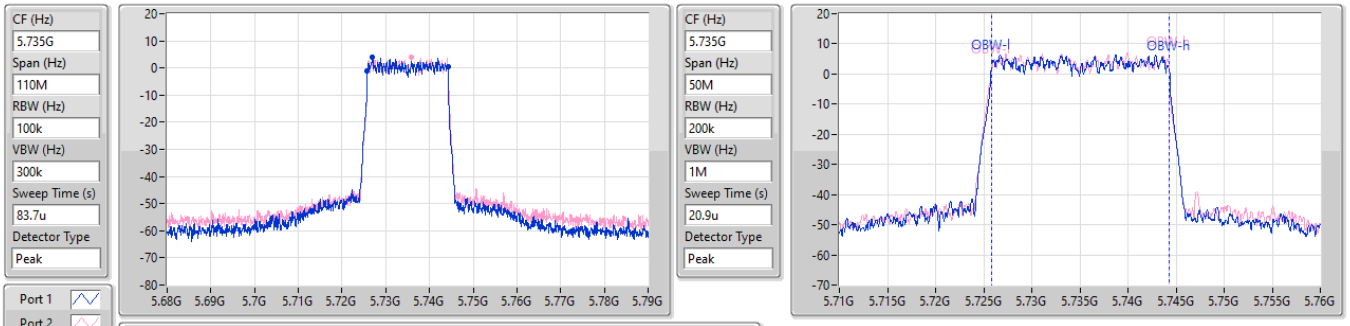


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.965M	5.22999G	5.249955G	18.441M	5.230805G	5.249245G	Inf	1
19.8M	5.230265G	5.250065G	18.366M	5.230855G	5.24922G	Inf	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5735MHz

13/11/2023

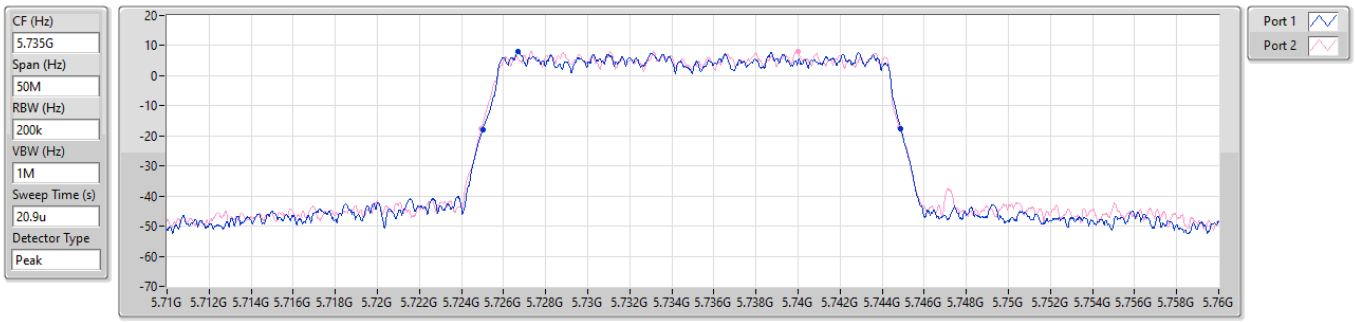


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.72576G	5.744295G	18.431M	5.725821G	5.744252G	500k	1
18.535M	5.72576G	5.744295G	18.438M	5.72581G	5.744248G	500k	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5735MHz

13/11/2023

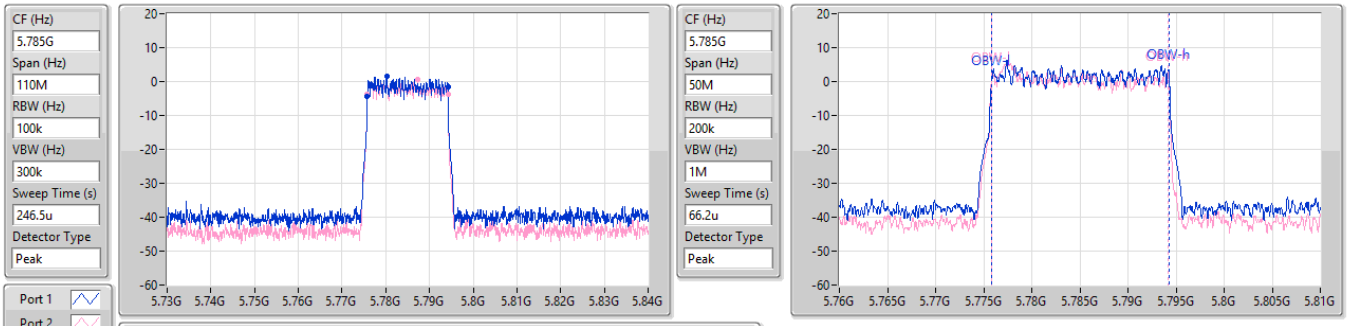


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.875M	5.725G	5.744875G	Inf	1
19.9M	5.724925G	5.744825G	Inf	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5785MHz

03/10/2023

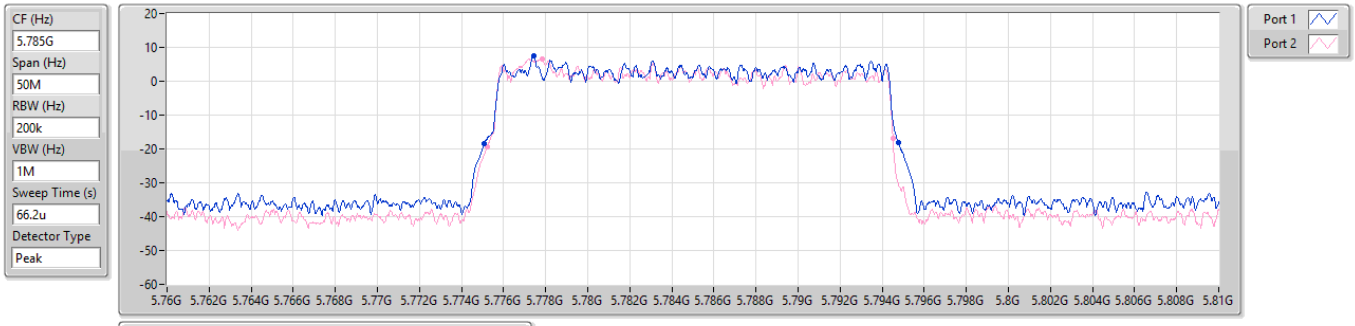


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.77576G	5.794295G	18.416M	5.775855G	5.79427G	500k	1
18.535M	5.77576G	5.794295G	18.416M	5.775805G	5.79422G	500k	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5785MHz

03/10/2023

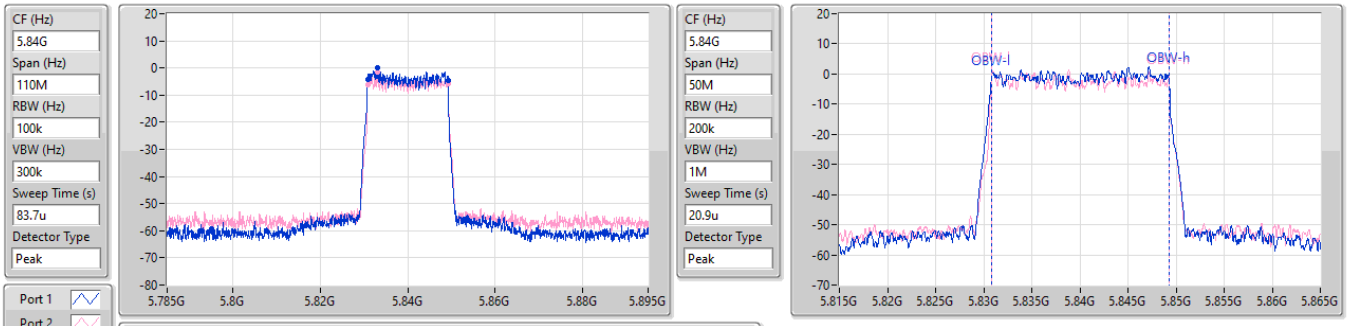


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.65M	5.7751G	5.79475G	Inf	1
19.25M	5.77525G	5.7945G	Inf	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5840MHz

13/11/2023

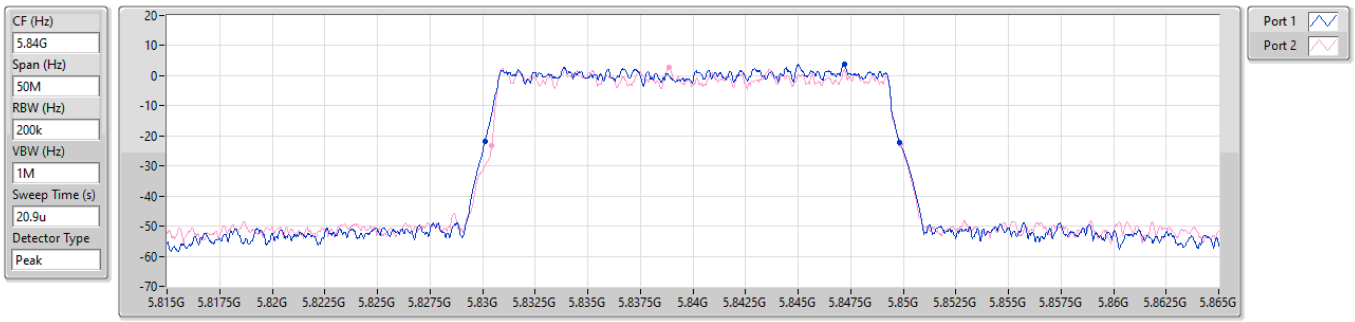


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.830815G	5.849295G	18.453M	5.830787G	5.84924G	500k	1
18.48M	5.830815G	5.849295G	18.452M	5.830801G	5.849253G	500k	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5840MHz

13/11/2023

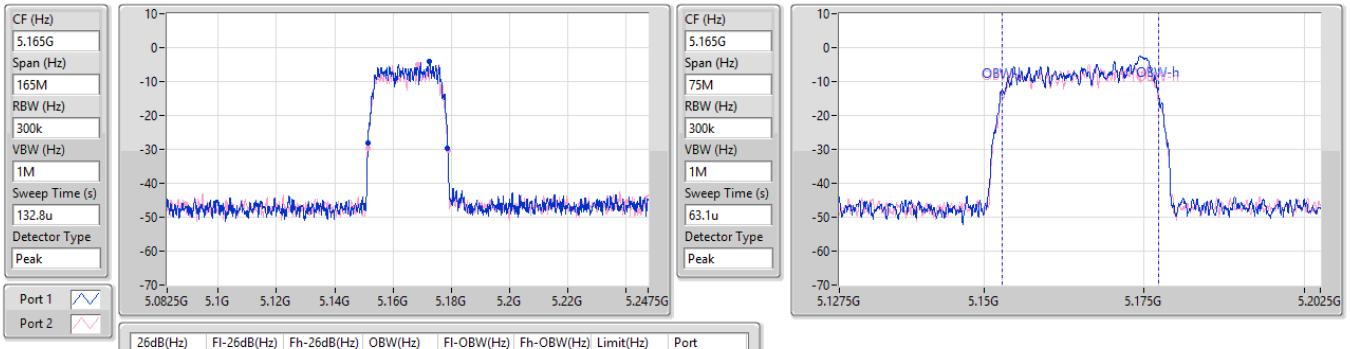


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.675M	5.830125G	5.8498G	Inf	1
19.425M	5.83045G	5.849875G	Inf	2

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5165MHz

03/10/2023

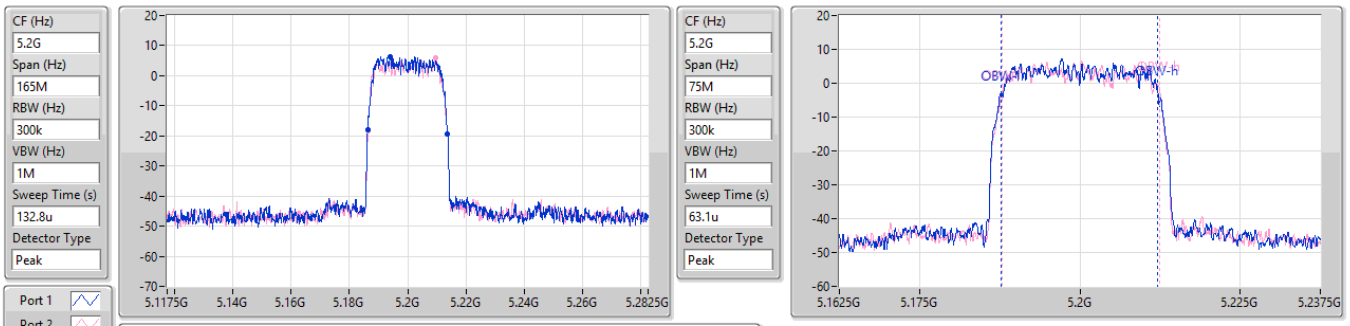


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.39M	5.151388G	5.178778G	24.4M	5.152819G	5.177219G	Inf	1
27.72M	5.151223G	5.178943G	24.438M	5.152819G	5.177256G	Inf	2

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5200MHz

03/10/2023

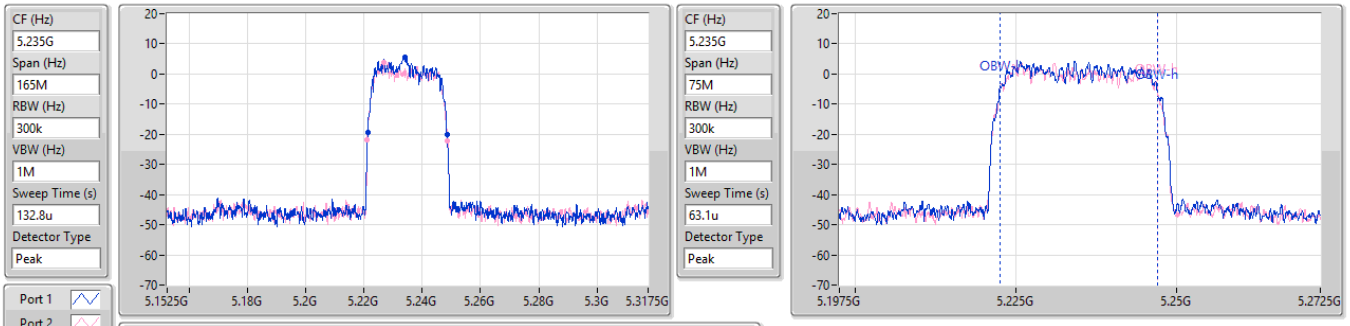


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.555M	5.186223G	5.213778G	24.4M	5.187781G	5.212181G	Inf	1
27.473M	5.186305G	5.213778G	24.475M	5.187894G	5.212369G	Inf	2

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5235MHz

03/10/2023

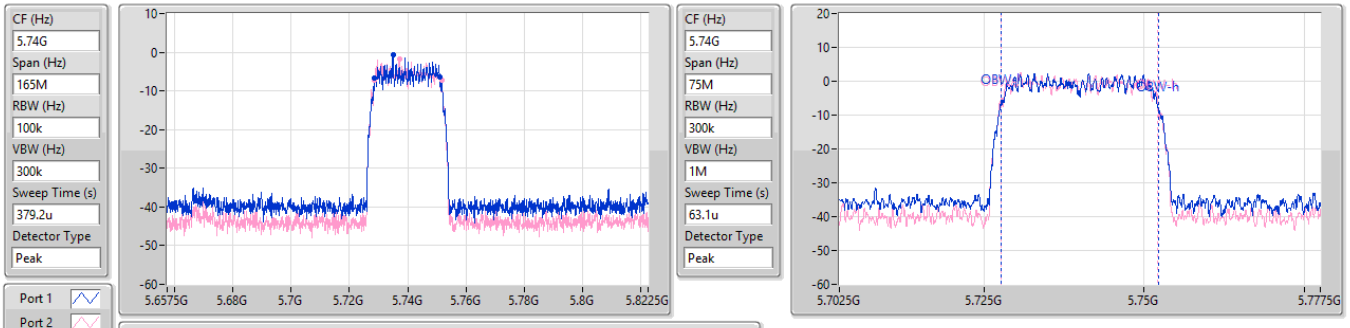


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.143M	5.221305G	5.248448G	24.513M	5.222631G	5.247144G	Inf	1
27.638M	5.22114G	5.248778G	24.513M	5.222594G	5.247106G	Inf	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5740MHz

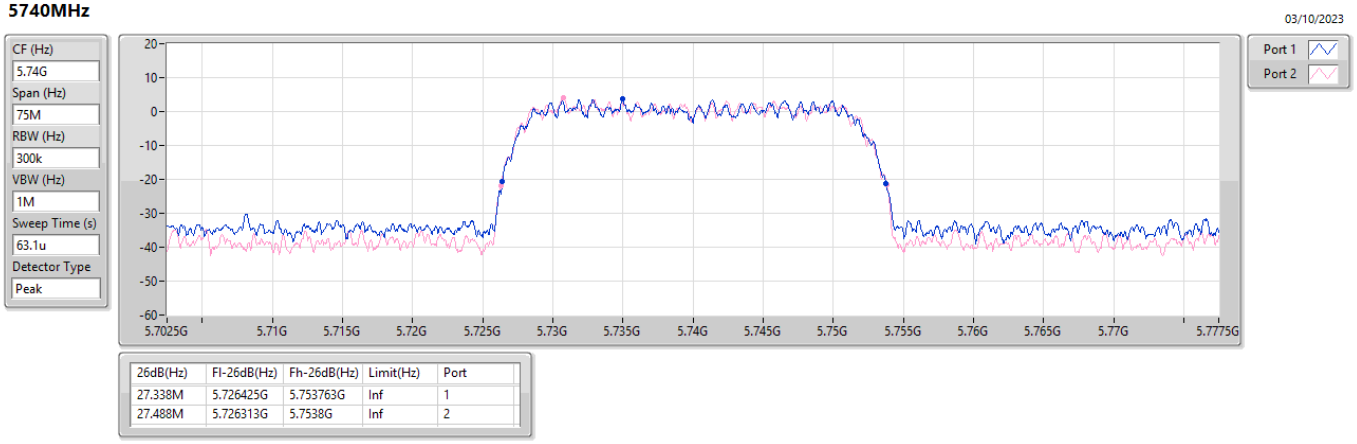
03/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.44M	5.728698G	5.751138G	24.475M	5.727744G	5.752219G	500k	1
23.265M	5.728533G	5.751798G	24.475M	5.727669G	5.752144G	500k	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

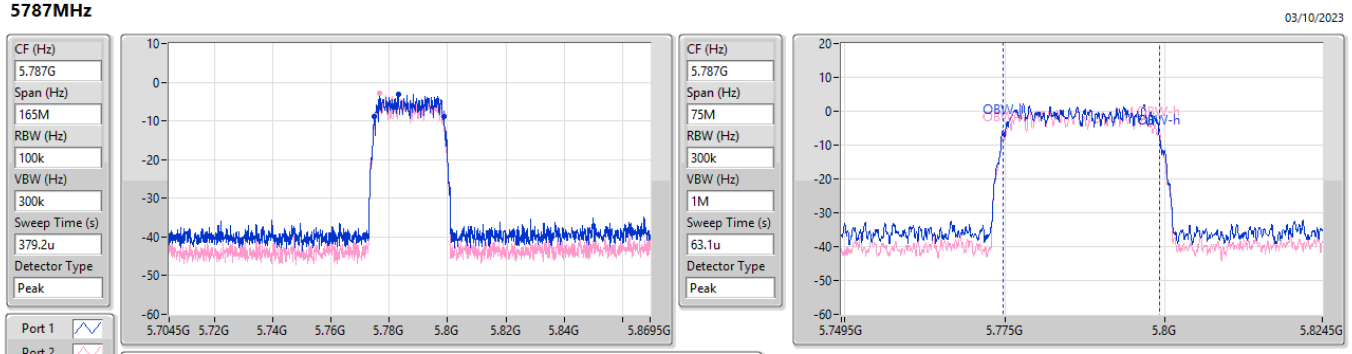
5740MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.338M	5.726425G	5.753763G	Inf	1
27.488M	5.726313G	5.7538G	Inf	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

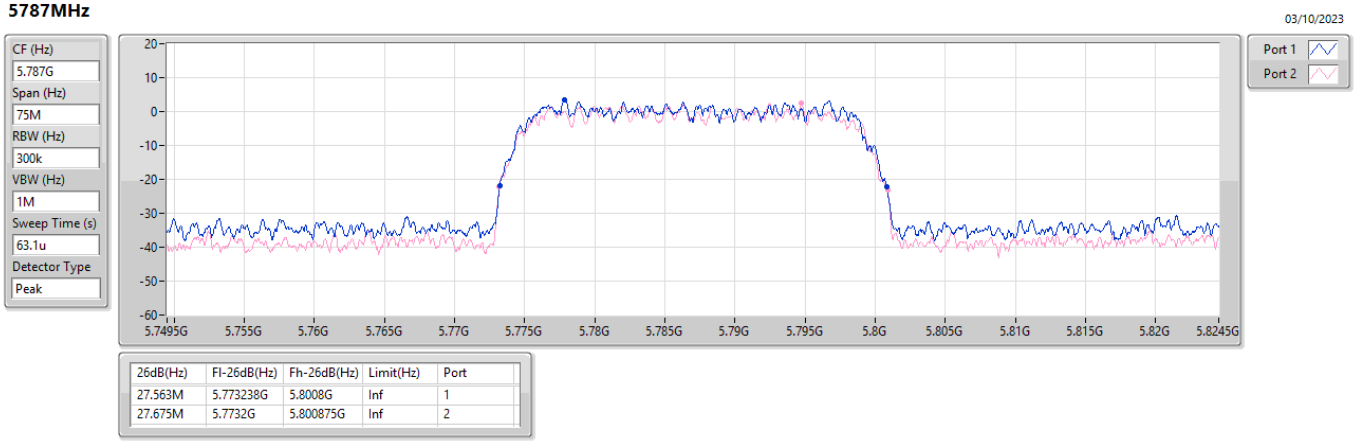
5787MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.09M	5.77479G	5.79888G	24.4M	5.774669G	5.799069G	500k	1
23.43M	5.775368G	5.798798G	24.513M	5.774669G	5.799181G	500k	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

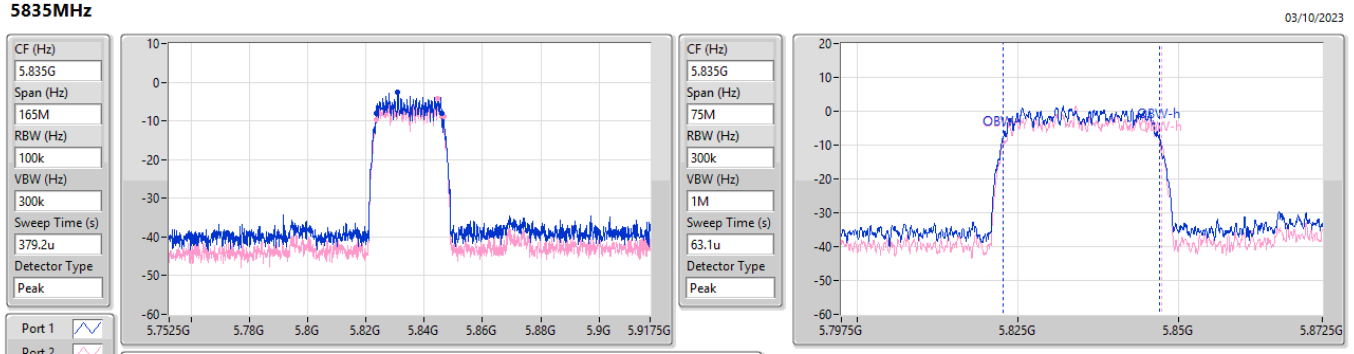
5787MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.563M	5.773238G	5.8008G	Inf	1
27.675M	5.7732G	5.800875G	Inf	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

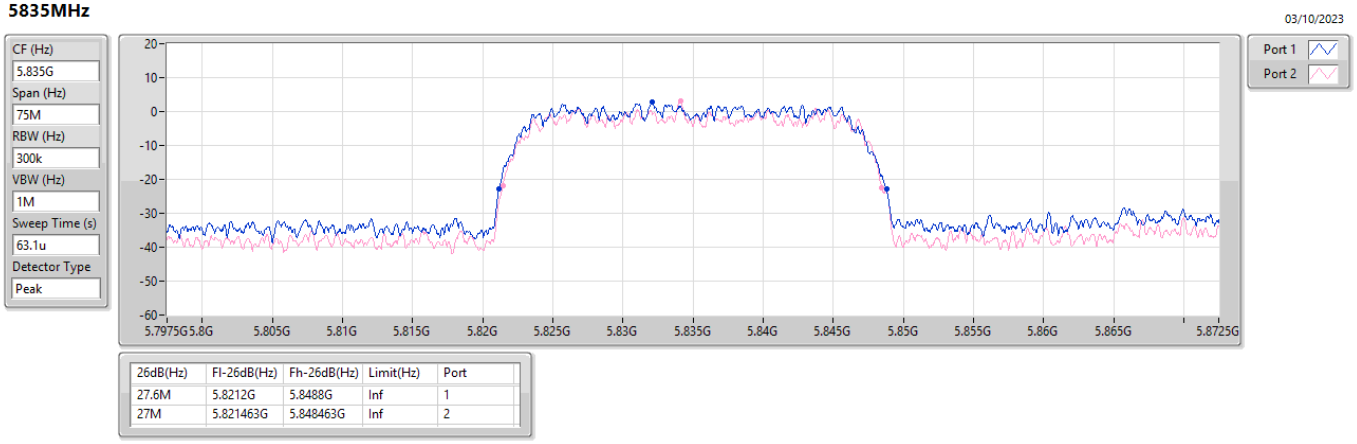
5835MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.275M	5.823615G	5.84589G	24.4M	5.822706G	5.847106G	500k	1
23.348M	5.82345G	5.846798G	24.625M	5.822744G	5.847369G	500k	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

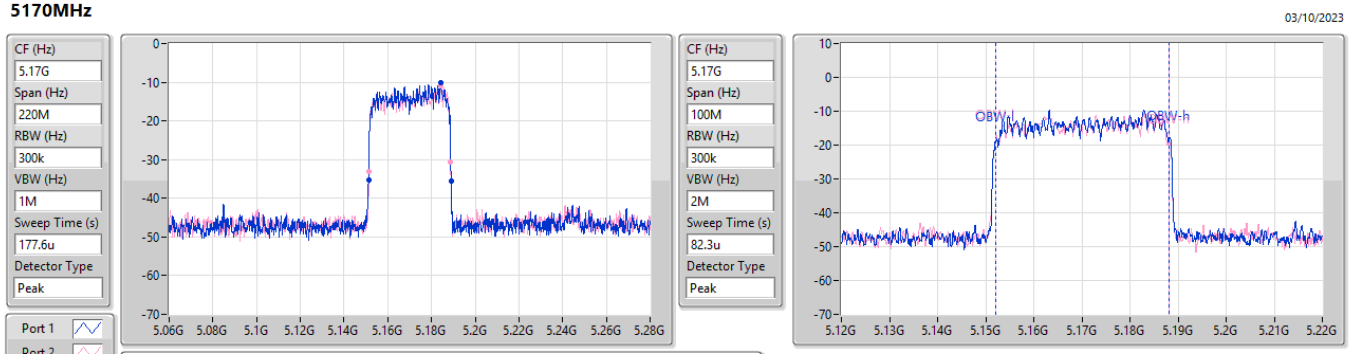
5835MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.6M	5.8212G	5.8488G	Inf	1
27M	5.821463G	5.848463G	Inf	2

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5170MHz

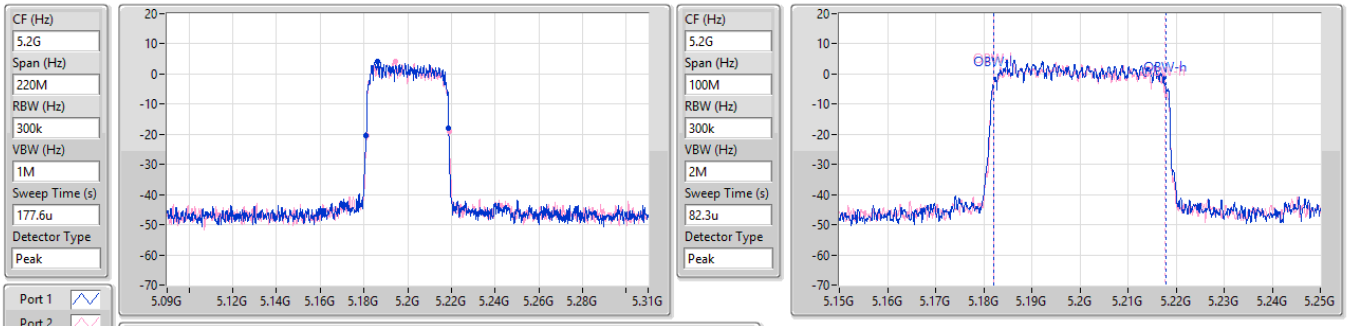


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	5.15119G	5.18892G	36.032M	5.152159G	5.188191G	Inf	1
37.51M	5.1513G	5.18881G	35.932M	5.152159G	5.188091G	Inf	2

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5200MHz

03/10/2023

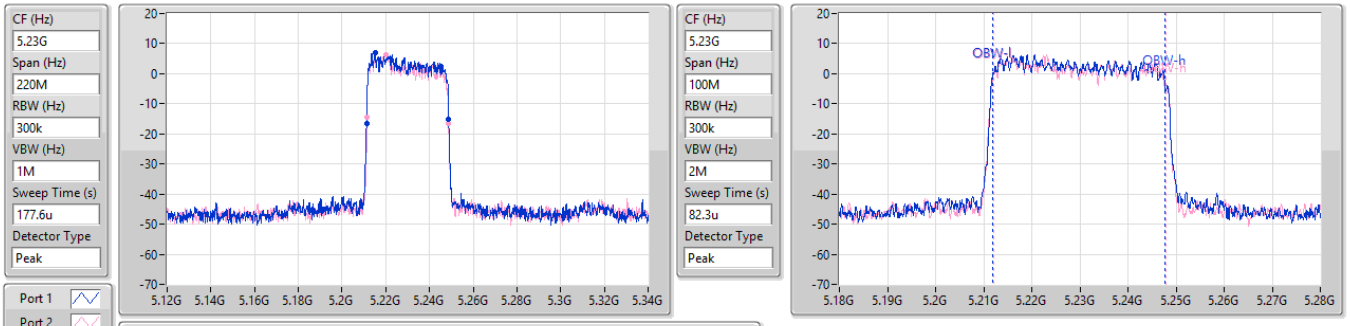


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	5.18108G	5.21881G	35.682M	5.182159G	5.217841G	Inf	1
37.73M	5.18119G	5.21892G	35.482M	5.182109G	5.217591G	Inf	2

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5230MHz

03/10/2023

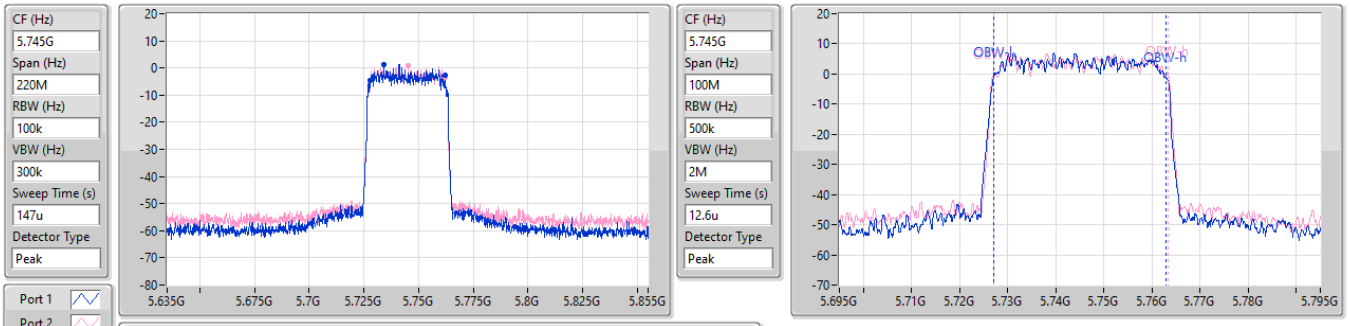


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.21119G	5.24881G	35.682M	5.211909G	5.247591G	Inf	1
37.51M	5.2113G	5.24881G	35.832M	5.212009G	5.247841G	Inf	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5745MHz

13/11/2023

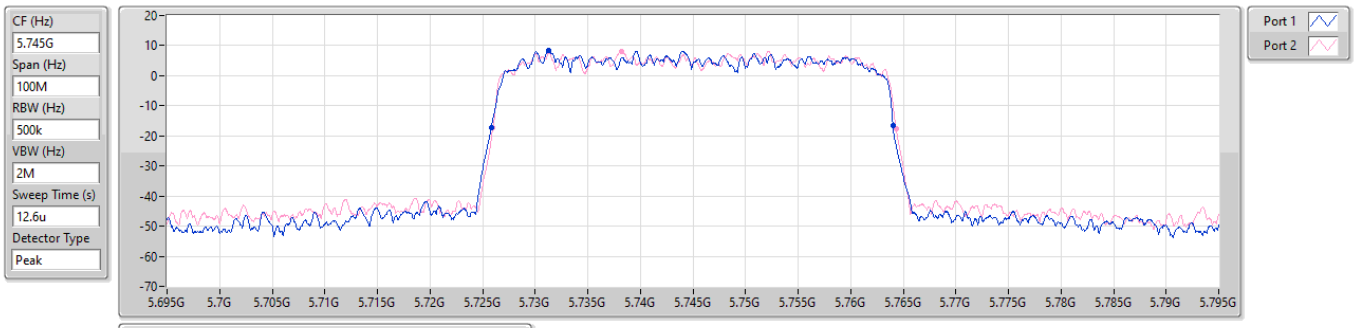


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.43M	5.72773G	5.76216G	35.807M	5.72718G	5.762987G	500k	1
34.21M	5.72795G	5.76216G	36.221M	5.727032G	5.763253G	500k	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5745MHz

13/11/2023

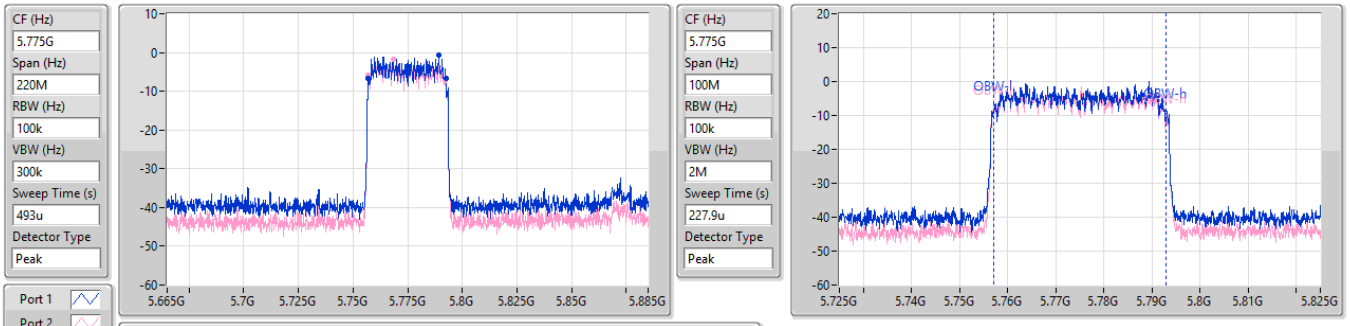


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.15M	5.72585G	5.764G	Inf	1
38.3M	5.726G	5.7643G	Inf	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5775MHz

03/10/2023

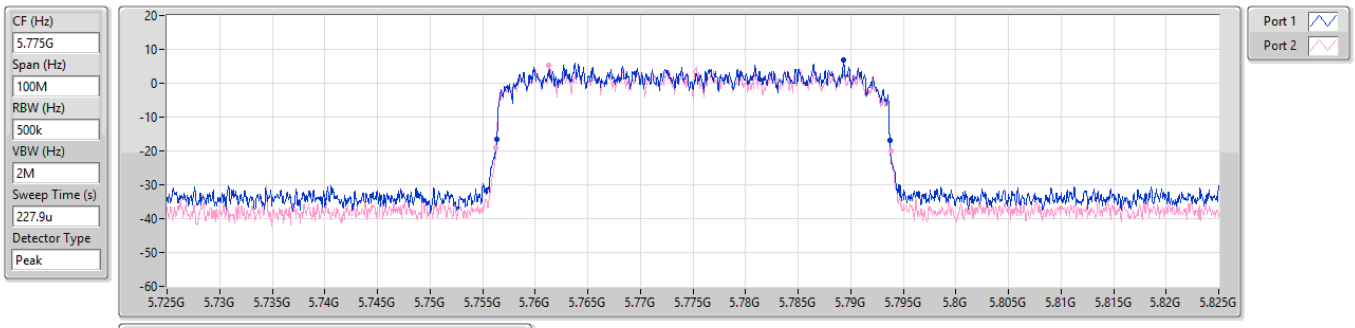


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.42M	5.75707G	5.79249G	35.932M	5.757059G	5.792991G	500k	1
35.2M	5.75707G	5.79227G	35.882M	5.757009G	5.792891G	500k	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5775MHz

03/10/2023

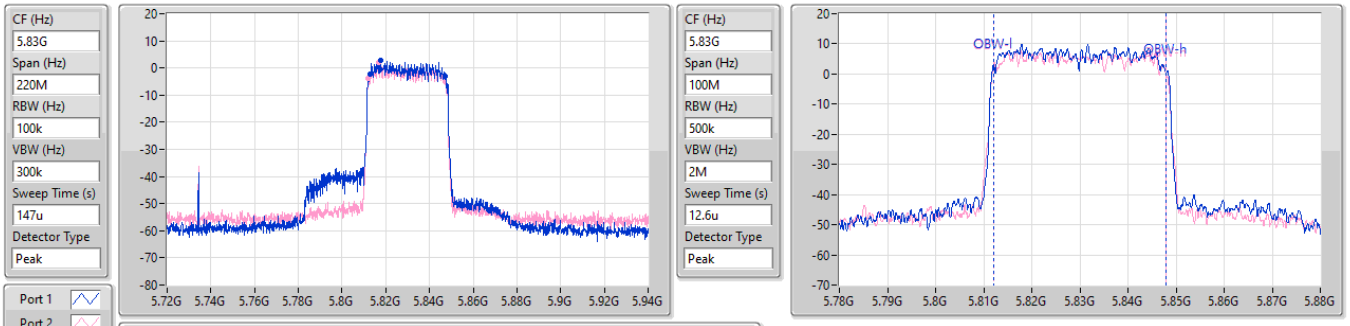


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
37.3M	5.7564G	5.7937G	Inf	1
37.5M	5.7563G	5.7938G	Inf	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5830MHz

13/11/2023

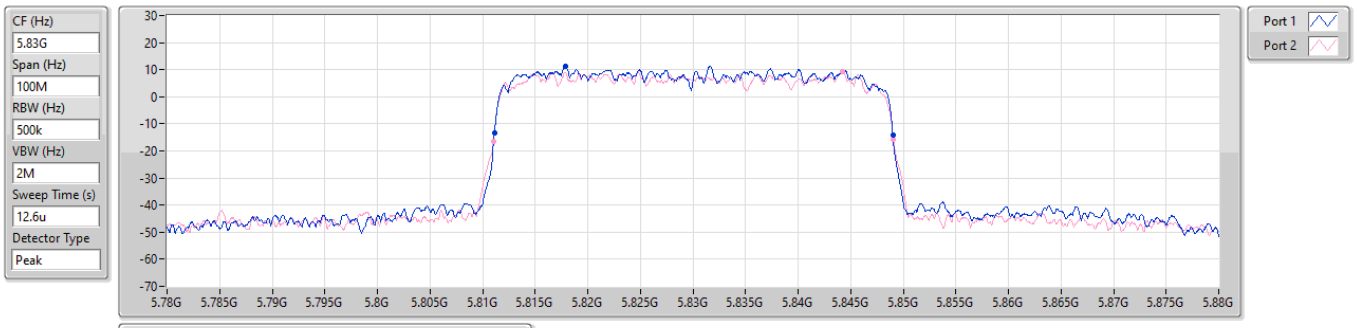


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.54M	5.81273G	5.84727G	35.866M	5.812083G	5.847949G	500k	1
35.09M	5.81207G	5.84716G	35.829M	5.812019G	5.847848G	500k	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5830MHz

13/11/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
37.85M	5.81115G	5.849G	Inf	1
38M	5.81105G	5.84905G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	20.52M	18.456M	18M5G7D	20.385M	18.381M
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	27.518M	24.49M	24M5G7D	27.428M	24.243M
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	38.52M	35.592M	35M6G7D	38.25M	35.502M
5.725-5.85GHz	-	-	-	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	18.33M	18.441M	18M4G7D	18.27M	18.381M
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	24.075M	24.558M	24M6G7D	23.715M	24.198M
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	35.46M	35.592M	35M6G7D	34.59M	35.502M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

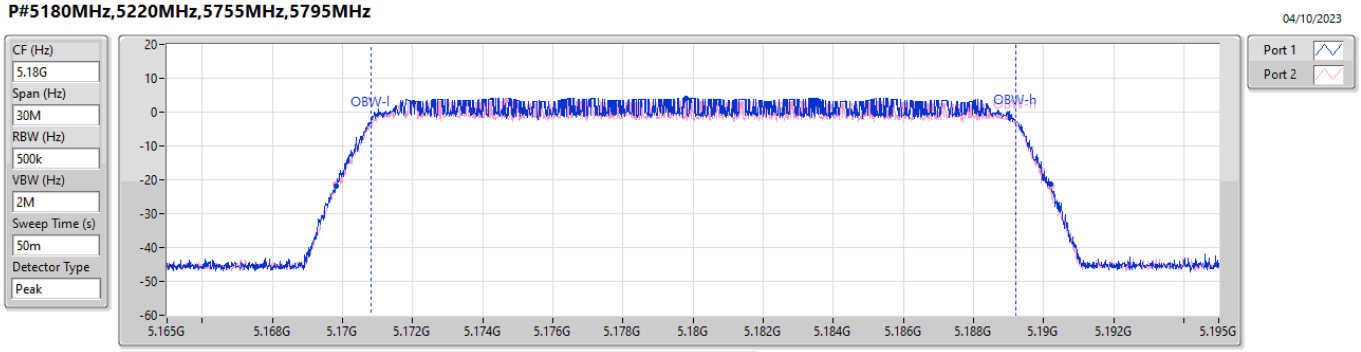
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
P#5180MHz,5220MHz,5755MHz,5795MHz	Pass	Inf	20.4M	18.381M	20.445M	18.411M	-	-	-	-
P5180MHz,#5220MHz,5755MHz,5795MHz	Pass	Inf	20.52M	18.456M	20.385M	18.426M	-	-	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,5795MHz	Pass	500k	-	-	-	-	18.27M	18.411M	18.33M	18.441M
P5180MHz,5220MHz,5755MHz,#5795MHz	Pass	500k	-	-	-	-	18.3M	18.381M	18.3M	18.396M
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
P#5180MHz,5220MHz,5755MHz,5795MHz	Pass	Inf	27.518M	24.333M	27.45M	24.333M	-	-	-	-
P5180MHz,#5220MHz,5755MHz,5795MHz	Pass	Inf	27.428M	24.49M	27.45M	24.243M	-	-	-	-
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,5795MHz	Pass	500k	-	-	-	-	23.715M	24.558M	24.008M	24.198M
P5180MHz,5220MHz,5755MHz,#5795MHz	Pass	500k	-	-	-	-	24.075M	24.4M	23.963M	24.468M
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
P#5175MHz,5225MHz,5750MHz,5800MHz	Pass	Inf	38.52M	35.592M	38.46M	35.592M	-	-	-	-
P5175MHz,#5225MHz,5750MHz,5800MHz	Pass	Inf	38.25M	35.502M	38.31M	35.532M	-	-	-	-
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
P5175MHz,5225MHz,#5750MHz,5800MHz	Pass	500k	-	-	-	-	35.46M	35.592M	34.59M	35.562M
P5175MHz,5225MHz,5750MHz,#5800MHz	Pass	500k	-	-	-	-	35.25M	35.532M	35.1M	35.502M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2) **EBW**

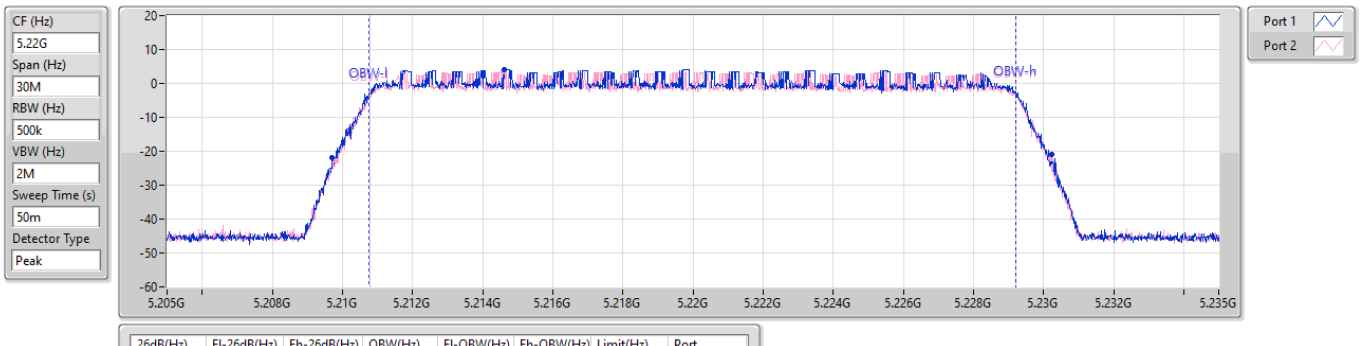
P#5180MHz,5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.169815G	5.190215G	18.381M	5.170825G	5.189205G	Inf	1
20.445M	5.169785G	5.19023G	18.411M	5.17081G	5.18922G	Inf	2

5.15-5.25GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2) **EBW**

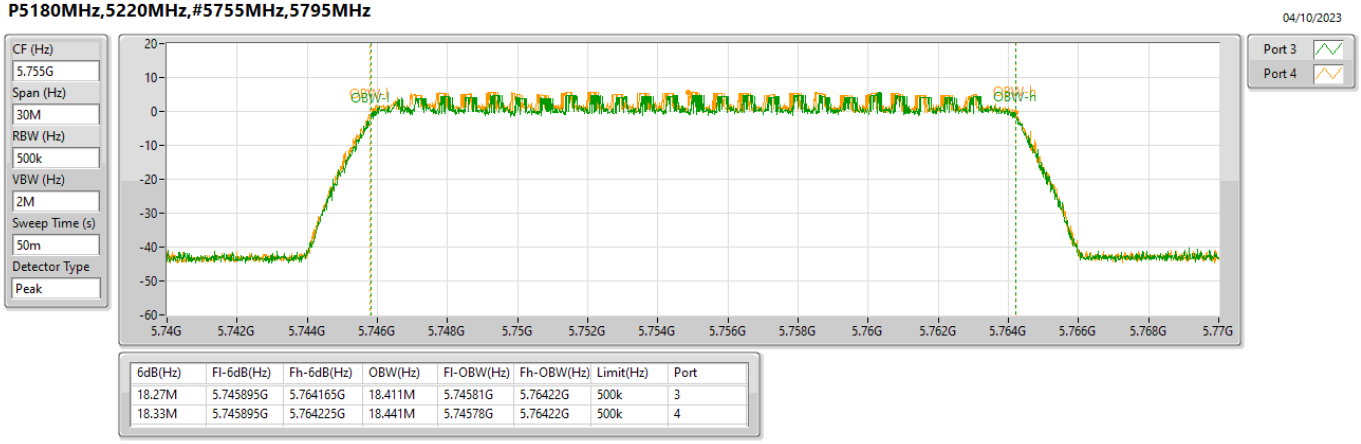
P5180MHz,#5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.20971G	5.23023G	18.456M	5.210765G	5.22922G	Inf	1
20.385M	5.209815G	5.2302G	18.426M	5.210795G	5.22922G	Inf	2

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

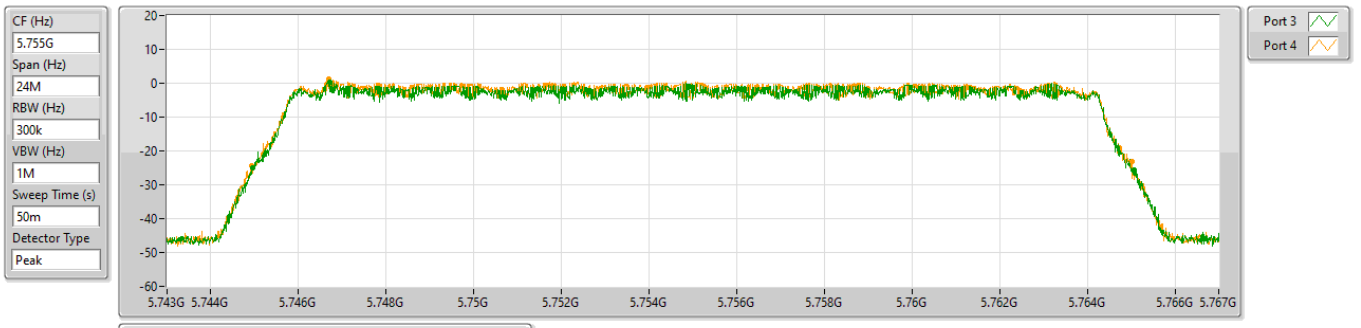
P5180MHz,5220MHz,#5755MHz,5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.27M	5.745895G	5.764165G	18.411M	5.74581G	5.76422G	500k	3
18.33M	5.745895G	5.764225G	18.441M	5.74578G	5.76422G	500k	4

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

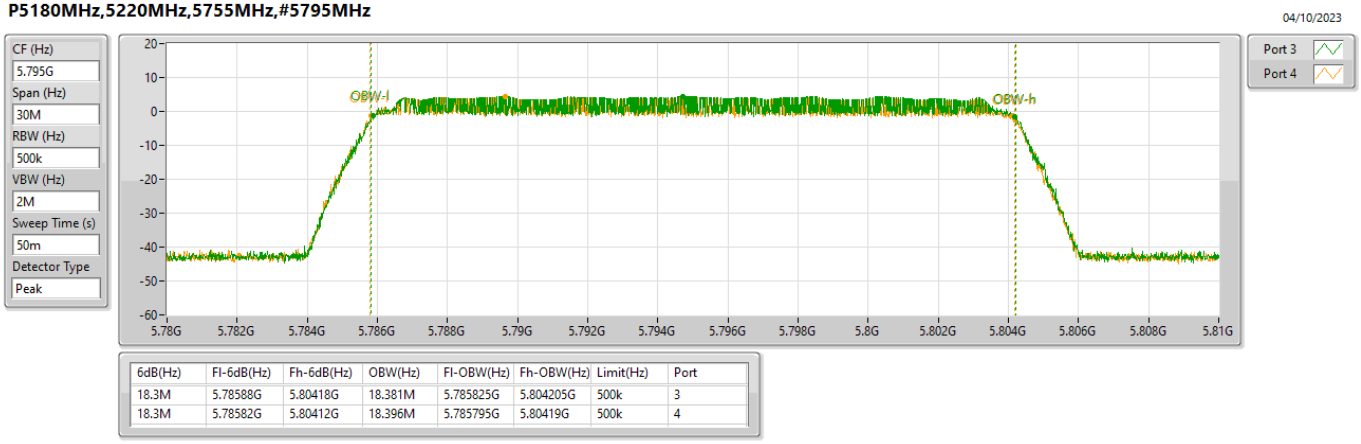
P5180MHz,5220MHz,#5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.136M	5.744944G	5.76508G	Inf	3
20.1M	5.74492G	5.76502G	Inf	4

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

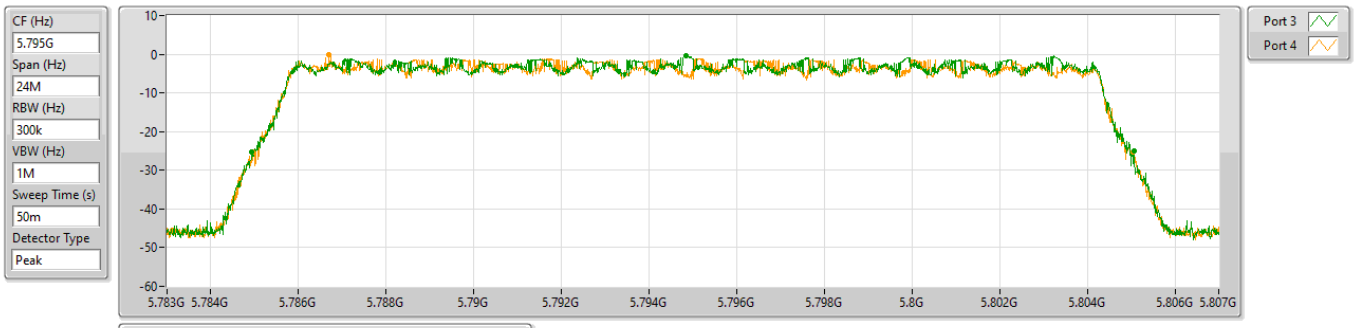
P5180MHz,5220MHz,5755MHz,#5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.3M	5.78588G	5.80418G	18.381M	5.785825G	5.804205G	500k	3
18.3M	5.78582G	5.80412G	18.396M	5.785795G	5.80419G	500k	4

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

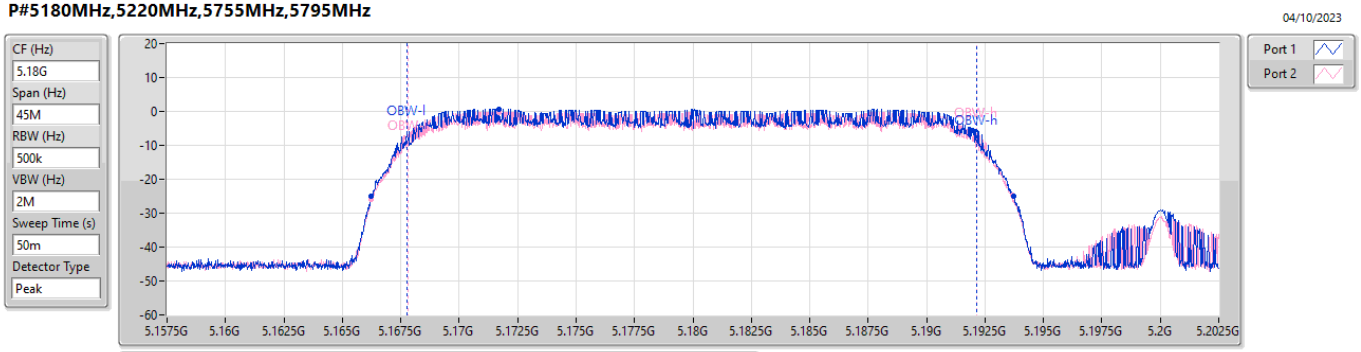
P5180MHz,5220MHz,5755MHz,#5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.136M	5.784932G	5.805068G	Inf	3
20.1M	5.784956G	5.805056G	Inf	4

5.15-5.25GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2) **EBW**

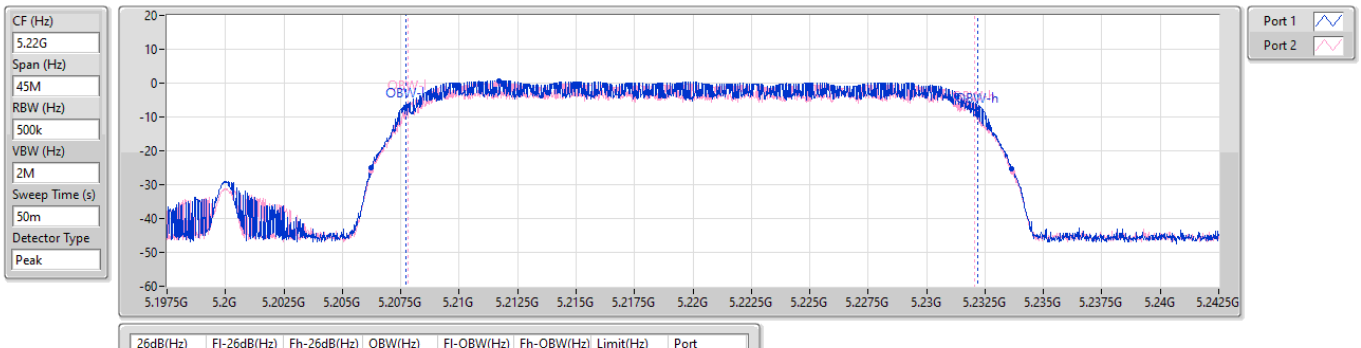
P#5180MHz,5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.518M	5.16623G	5.193748G	24.333M	5.167789G	5.192121G	Inf	1
27.45M	5.16623G	5.19368G	24.333M	5.167811G	5.192144G	Inf	2

5.15-5.25GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2) **EBW**

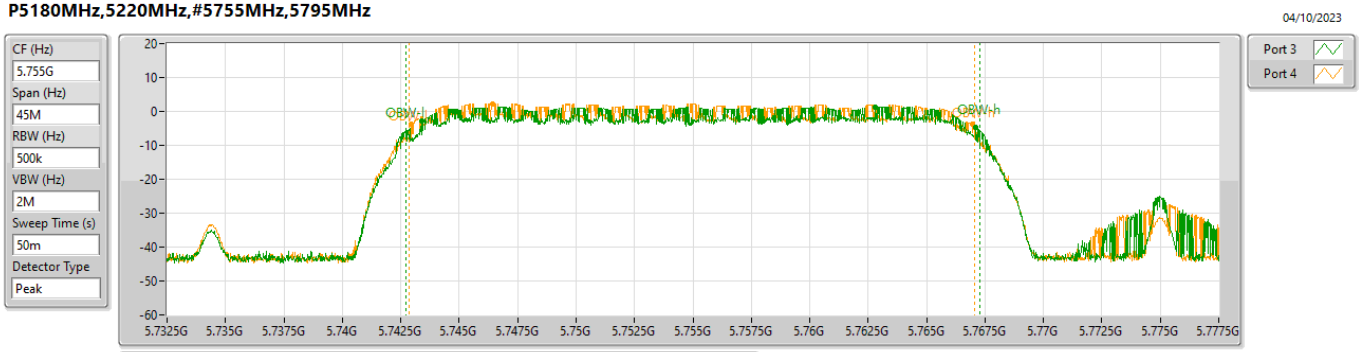
P5180MHz,#5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.428M	5.20623G	5.233658G	24.49M	5.207699G	5.232189G	Inf	1
27.45M	5.20623G	5.23368G	24.243M	5.207811G	5.232054G	Inf	2

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

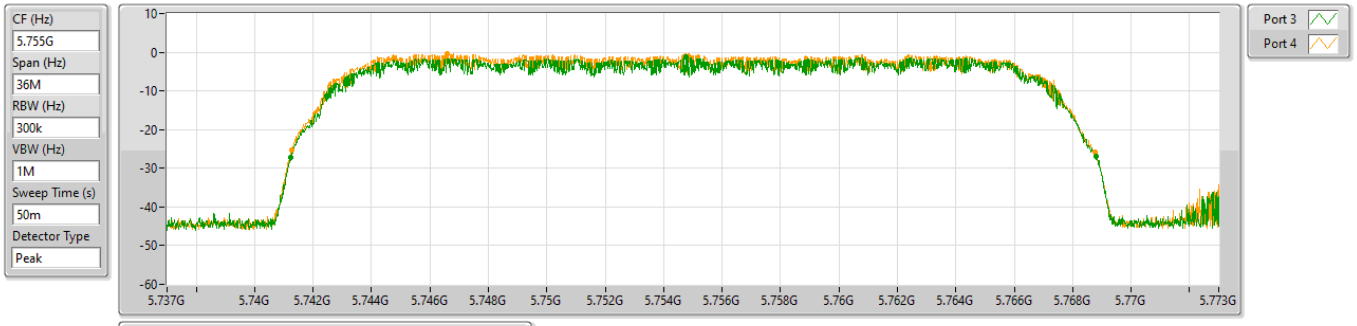
P5180MHz,5220MHz,#5755MHz,5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.715M	5.74339G	5.767105G	24.558M	5.742721G	5.767279G	500k	3
24.008M	5.74294G	5.766948G	24.198M	5.742856G	5.767054G	500k	4

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

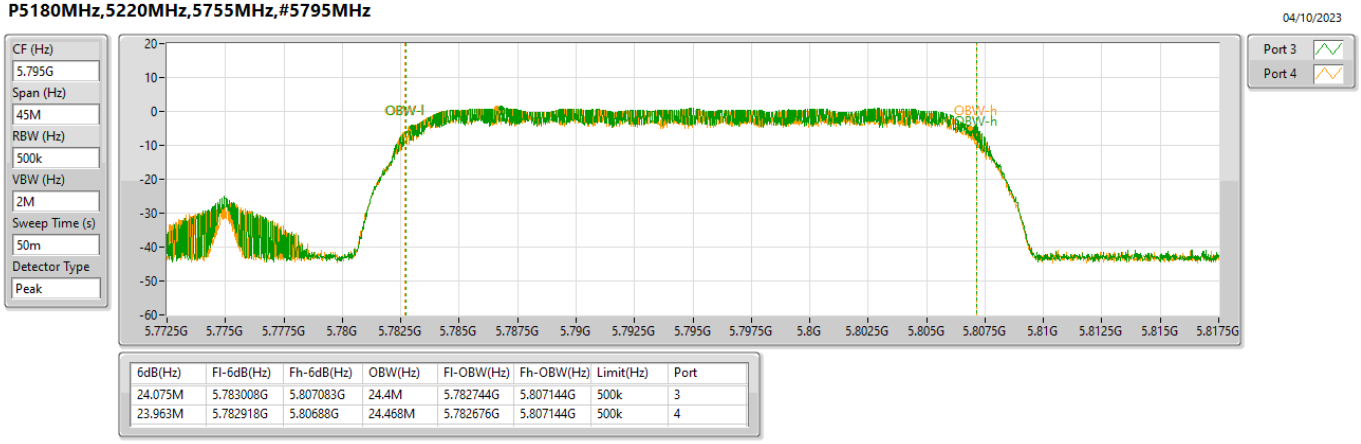
P5180MHz,5220MHz,#5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.54M	5.741248G	5.768788G	Inf	3
27.504M	5.741266G	5.76877G	Inf	4

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

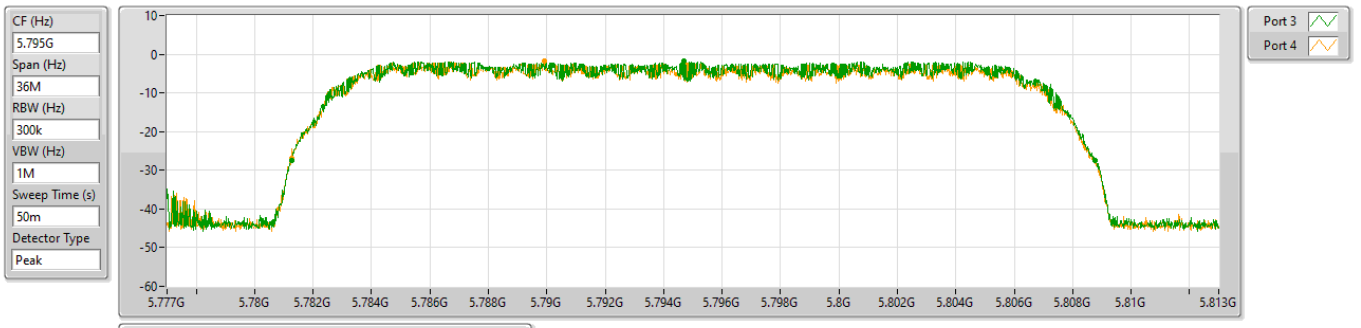
P5180MHz,5220MHz,5755MHz,#5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.075M	5.783008G	5.807083G	24.4M	5.782744G	5.807144G	500k	3
23.963M	5.782918G	5.80688G	24.468M	5.782676G	5.807144G	500k	4

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

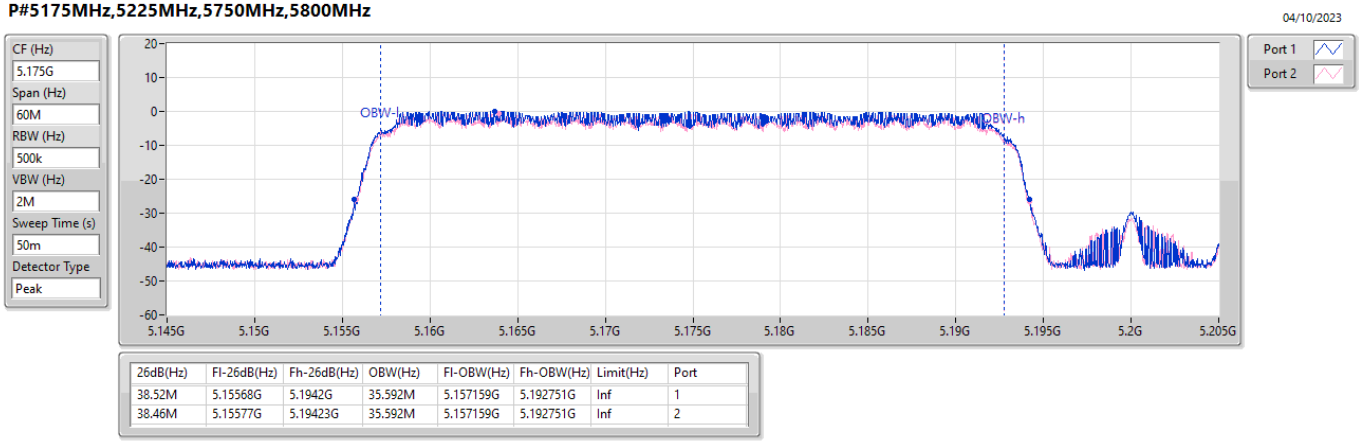
P5180MHz,5220MHz,5755MHz,#5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.504M	5.781266G	5.80877G	Inf	3
27.486M	5.781266G	5.808752G	Inf	4

5.15-5.25GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2) **EBW**

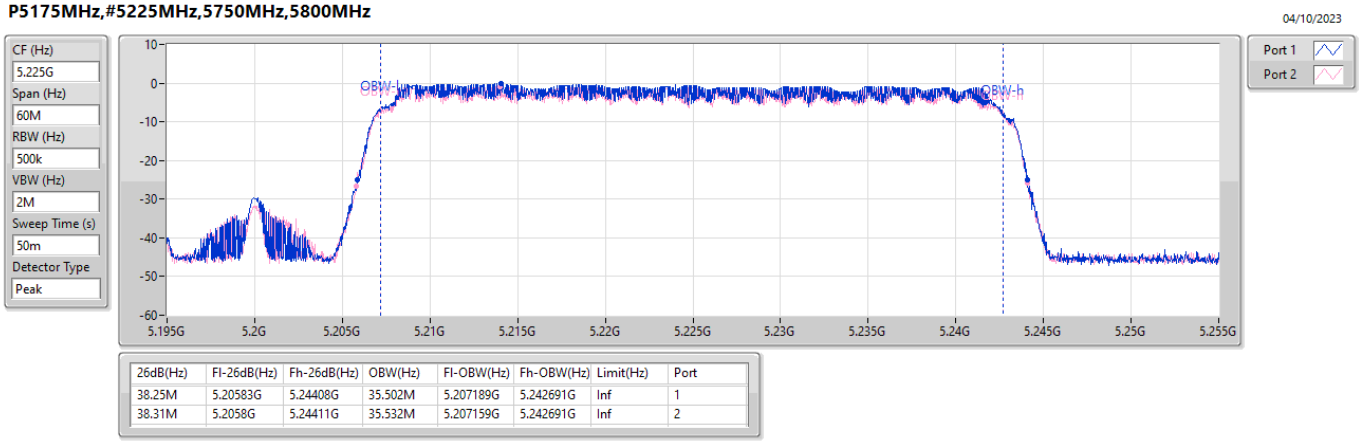
P#5175MHz,5225MHz,5750MHz,5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.52M	5.15568G	5.1942G	35.592M	5.157159G	5.192751G	Inf	1
38.46M	5.15577G	5.19423G	35.592M	5.157159G	5.192751G	Inf	2

5.15-5.25GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2) **EBW**

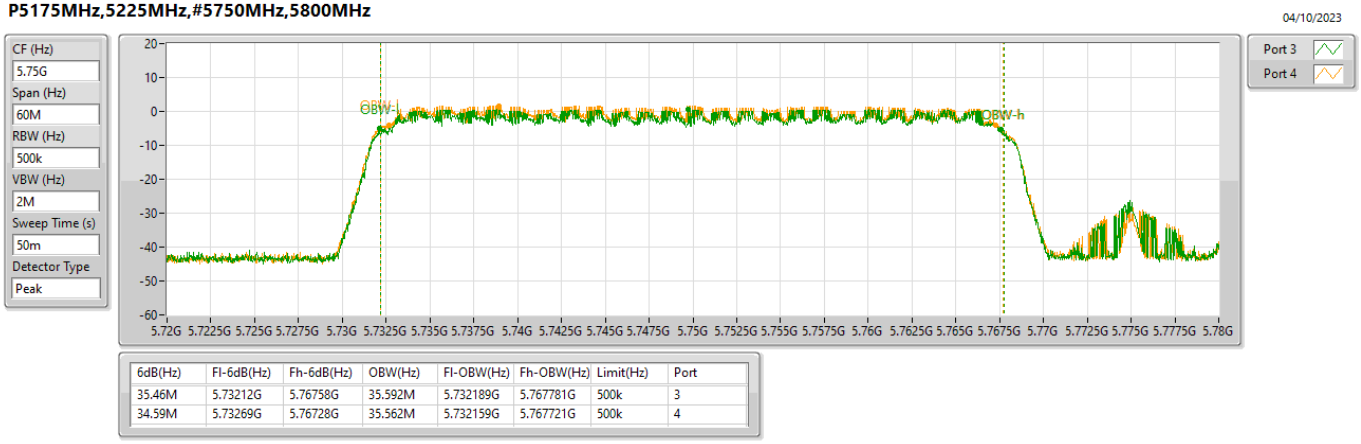
P5175MHz,#5225MHz,5750MHz,5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.25M	5.20583G	5.24408G	35.502M	5.207189G	5.242691G	Inf	1
38.31M	5.2058G	5.24411G	35.532M	5.207159G	5.242691G	Inf	2

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

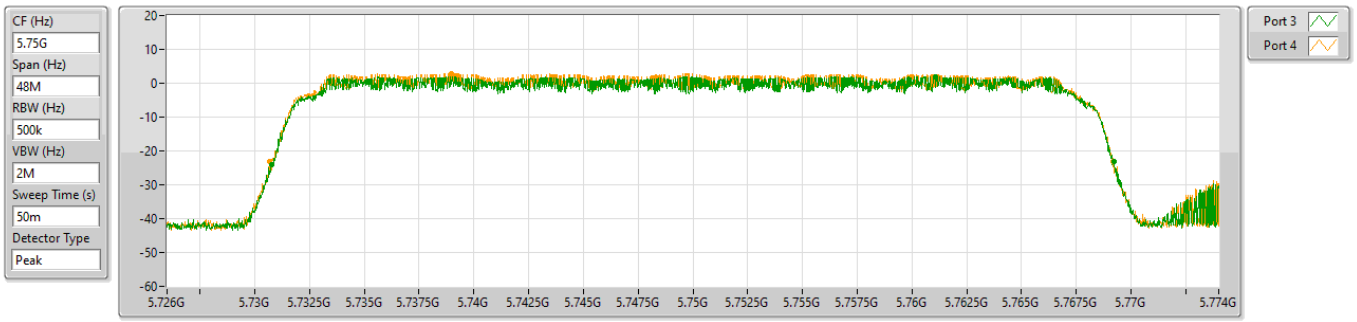
P5175MHz,5225MHz,#5750MHz,5800MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.46M	5.73212G	5.76758G	35.592M	5.732189G	5.767781G	500k	3
34.59M	5.73269G	5.76728G	35.562M	5.732159G	5.767721G	500k	4

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

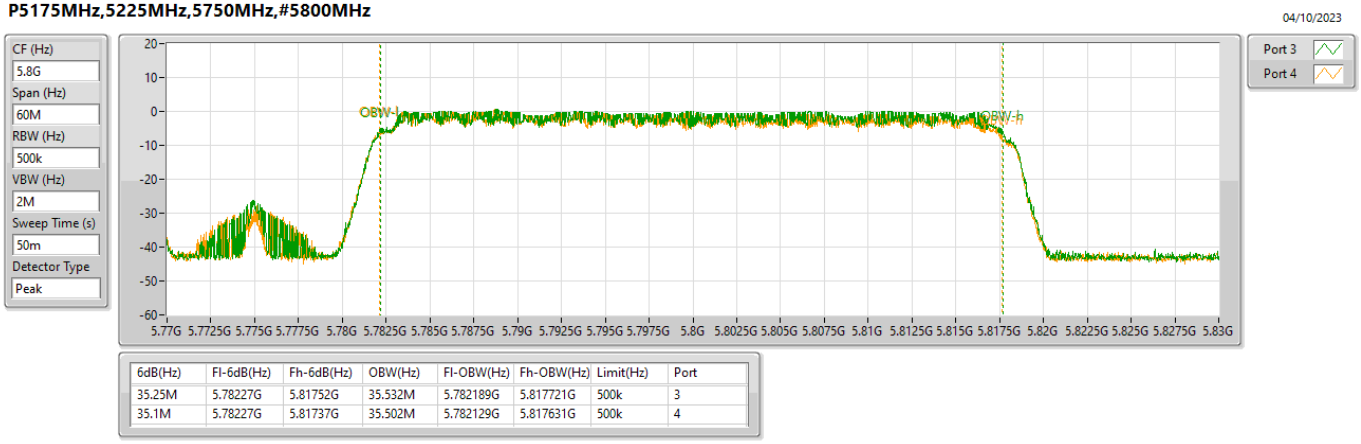
P5175MHz,5225MHz,#5750MHz,5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.496M	5.730752G	5.769248G	Inf	3
38.52M	5.730656G	5.769176G	Inf	4

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

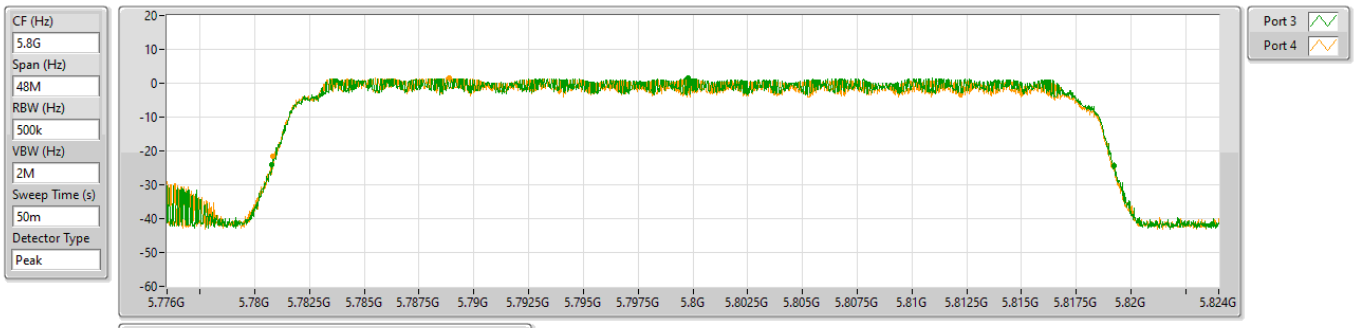
P5175MHz,5225MHz,5750MHz,#5800MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	5.78227G	5.81752G	35.532M	5.782189G	5.817721G	500k	3
35.1M	5.78227G	5.81737G	35.502M	5.782129G	5.817631G	500k	4

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

P5175MHz,5225MHz,5750MHz,#5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.472M	5.780776G	5.819248G	Inf	3
38.328M	5.780848G	5.819176G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	5.033M	4.604M	4M60G7D	4.909M	4.579M
QPSK10_10MHz_Nss1_2TX	10.148M	9.258M	9M26G7D	9.57M	9.17M
QPSK15_15MHz_Nss1_2TX	14.149M	13.175M	13M2G7D	14.066M	12.987M
QPSK20_20MHz_Nss1_2TX	25.025M	18.541M	18M5G7D	19.745M	18.366M
QPSK30_30MHz_Nss1_2TX	35.723M	25.225M	25M2G7D	27.143M	24.138M
QPSK40_40MHz_Nss1_2TX	38.06M	36.082M	36M1G7D	37.62M	35.682M
5.725-5.85GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	4.661M	4.648M	4M65G7D	4.001M	4.604M
QPSK10_10MHz_Nss1_2TX	9.268M	9.32M	9M32G7D	9.158M	9.245M
QPSK15_15MHz_Nss1_2TX	12.746M	13.587M	13M6G7D	12.334M	13.231M
QPSK20_20MHz_Nss1_2TX	18.535M	18.716M	18M7G7D	18.535M	18.498M
QPSK30_30MHz_Nss1_2TX	23.513M	25.6M	25M6G7D	22.688M	24.963M
QPSK40_40MHz_Nss1_2TX	35.31M	36.632M	36M6G7D	34.21M	35.9M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

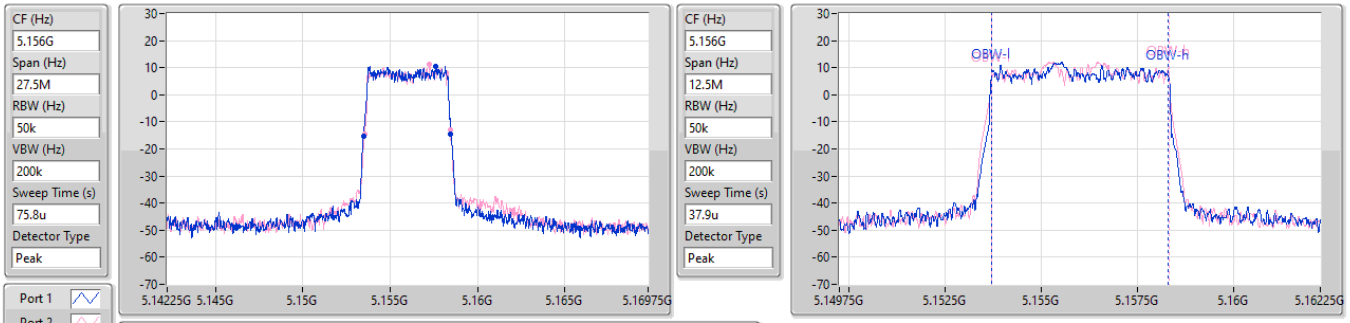
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5156MHz	Pass	Inf	5.005M	4.598M	4.909M	4.598M
5200MHz	Pass	Inf	4.978M	4.579M	4.909M	4.604M
5244MHz	Pass	Inf	5.033M	4.598M	4.978M	4.604M
5731MHz	Pass	500k	4.359M	4.616M	4.661M	4.623M
5787MHz	Pass	500k	4.125M	4.61M	4.001M	4.629M
5844MHz	Pass	500k	4.538M	4.648M	4.441M	4.604M
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5155MHz	Pass	Inf	9.845M	9.258M	10.148M	9.208M
5200MHz	Pass	Inf	10.038M	9.17M	9.818M	9.22M
5245MHz	Pass	Inf	9.763M	9.22M	9.57M	9.22M
5730MHz	Pass	500k	9.24M	9.258M	9.24M	9.27M
5787MHz	Pass	500k	9.158M	9.27M	9.213M	9.283M
5845MHz	Pass	500k	9.268M	9.32M	9.24M	9.245M
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5158MHz	Pass	Inf	14.108M	13.062M	14.066M	13.006M
5200MHz	Pass	Inf	14.066M	13.175M	14.066M	12.987M
5242MHz	Pass	Inf	14.066M	13.175M	14.149M	13.062M
5733MHz	Pass	500k	12.705M	13.362M	12.334M	13.493M
5787MHz	Pass	500k	12.499M	13.381M	12.458M	13.231M
5842MHz	Pass	500k	12.746M	13.587M	12.375M	13.4M
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5160MHz	Pass	Inf	19.8M	18.416M	19.745M	18.366M
5200MHz	Pass	Inf	20.35M	18.541M	22.88M	18.491M
5240MHz	Pass	Inf	25.025M	18.516M	20.24M	18.466M
5735MHz	Pass	500k	18.535M	18.508M	18.535M	18.58M
5785MHz	Pass	500k	18.535M	18.716M	18.535M	18.616M
5840MHz	Pass	500k	18.535M	18.619M	18.535M	18.498M
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5165MHz	Pass	Inf	27.473M	24.363M	27.39M	24.325M
5200MHz	Pass	Inf	35.723M	24.625M	27.143M	24.138M
5235MHz	Pass	Inf	34.733M	25.225M	28.133M	24.925M
5740MHz	Pass	500k	23.265M	25.262M	23.183M	25.525M
5787MHz	Pass	500k	23.348M	25.187M	23.513M	25M
5835MHz	Pass	500k	22.688M	25.6M	23.513M	24.963M
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5170MHz	Pass	Inf	37.73M	35.982M	37.73M	35.882M
5200MHz	Pass	Inf	37.62M	35.732M	37.62M	35.682M
5230MHz	Pass	Inf	37.84M	36.082M	38.06M	35.882M
5745MHz	Pass	500k	35.09M	36.242M	34.21M	36.248M
5775MHz	Pass	500k	35.2M	36.632M	35.31M	36.582M
5830MHz	Pass	500k	35.2M	36.507M	35.09M	35.9M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **EBW**

5156MHz

04/10/2023

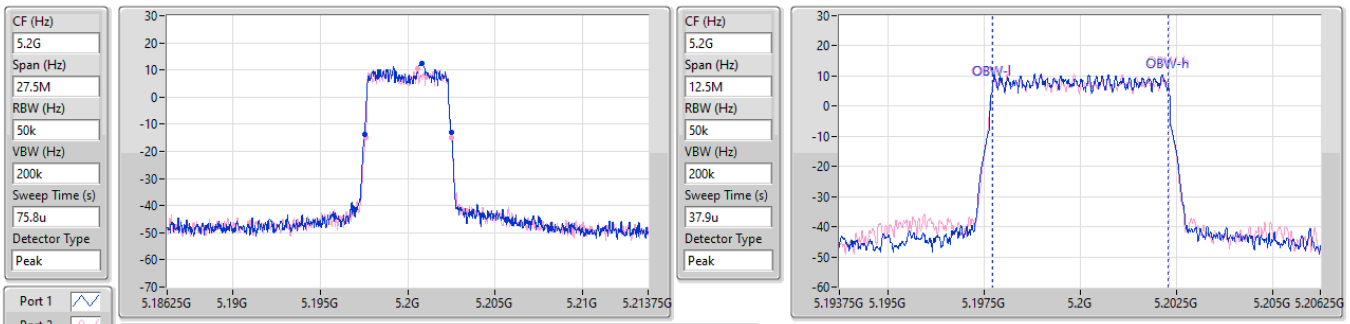


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
5.005M	5.15347G	5.158475G	4.598M	5.153707G	5.158305G	Inf	1
4.909M	5.153539G	5.158448G	4.598M	5.153714G	5.158311G	Inf	2

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **EBW**

5200MHz

04/10/2023

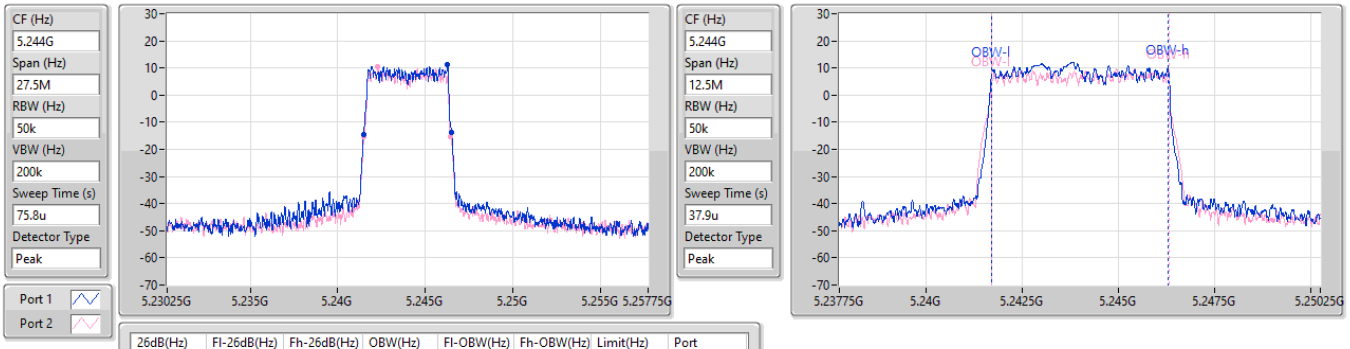


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.978M	5.197525G	5.202503G	4.579M	5.197726G	5.202305G	Inf	1
4.909M	5.197608G	5.202516G	4.604M	5.197707G	5.202311G	Inf	2

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **EBW**

5244MHz

04/10/2023

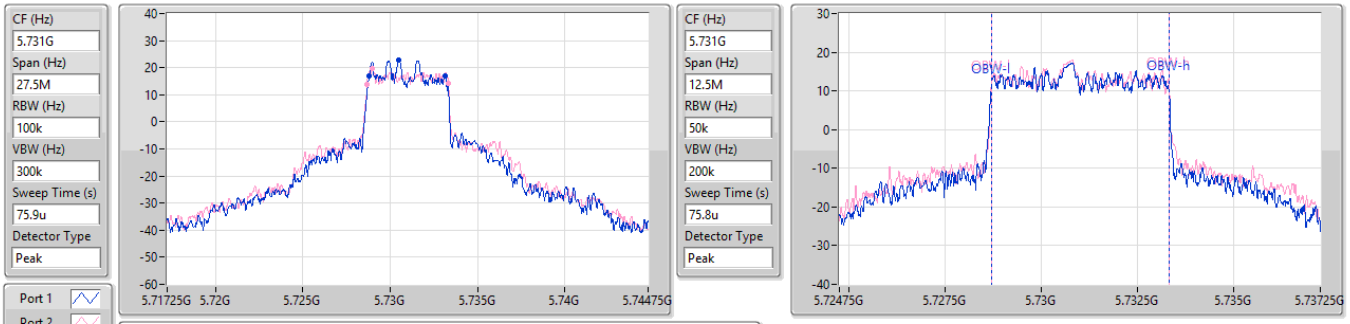


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
5.033M	5.241484G	5.246516G	4.598M	5.241707G	5.246305G	Inf	1
4.978M	5.241498G	5.246475G	4.604M	5.241707G	5.246311G	Inf	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

5731MHz

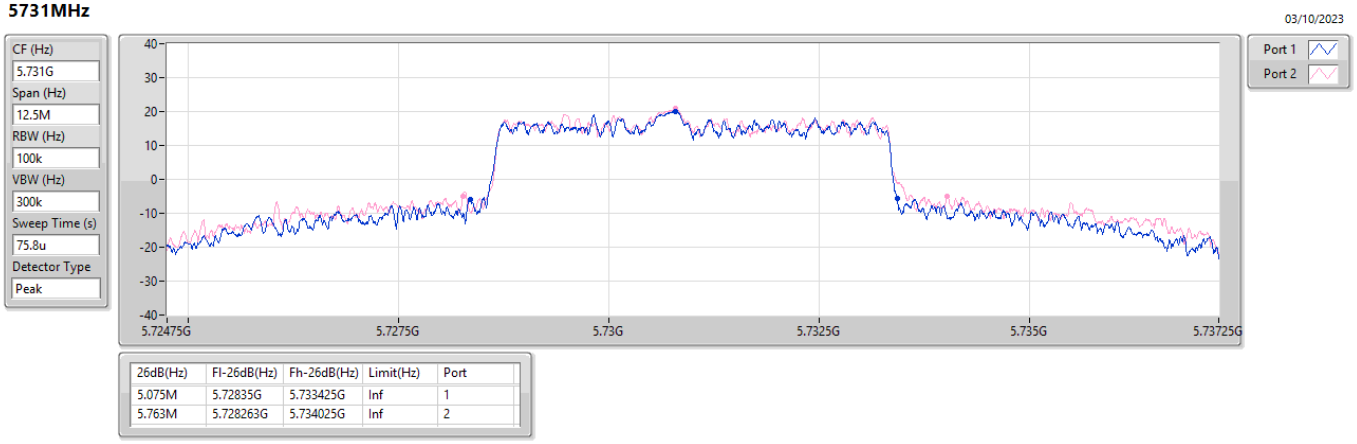
03/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.359M	5.728814G	5.733173G	4.616M	5.728695G	5.733311G	500k	1
4.661M	5.728676G	5.733338G	4.623M	5.728695G	5.733318G	500k	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

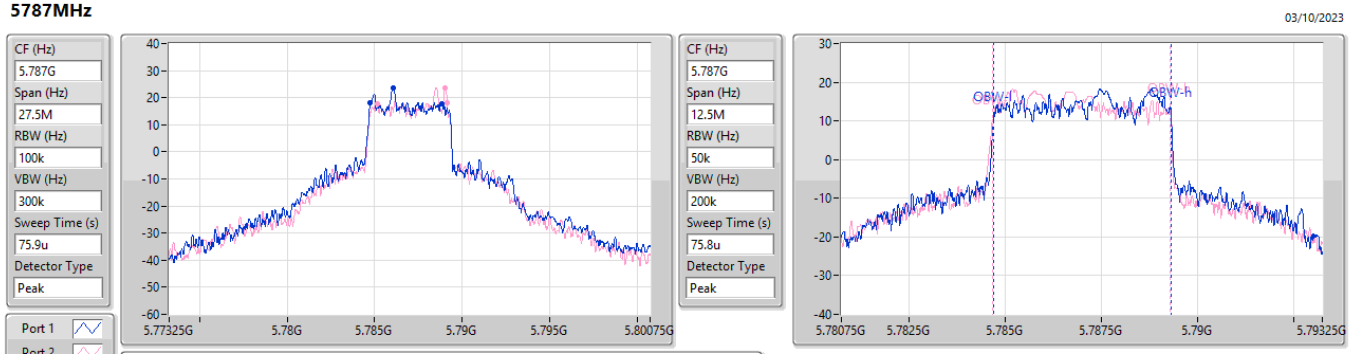
5731MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.075M	5.72835G	5.733425G	Inf	1
5.763M	5.728263G	5.734025G	Inf	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

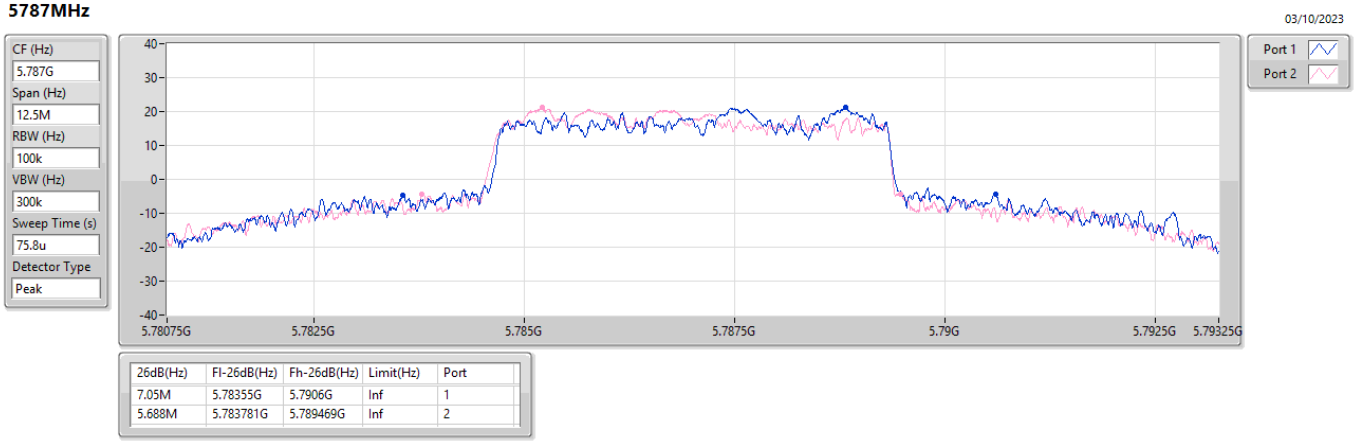
5787MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.125M	5.784745G	5.78887G	4.61M	5.784707G	5.789318G	500k	1
4.001M	5.785144G	5.789145G	4.629M	5.784676G	5.789305G	500k	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

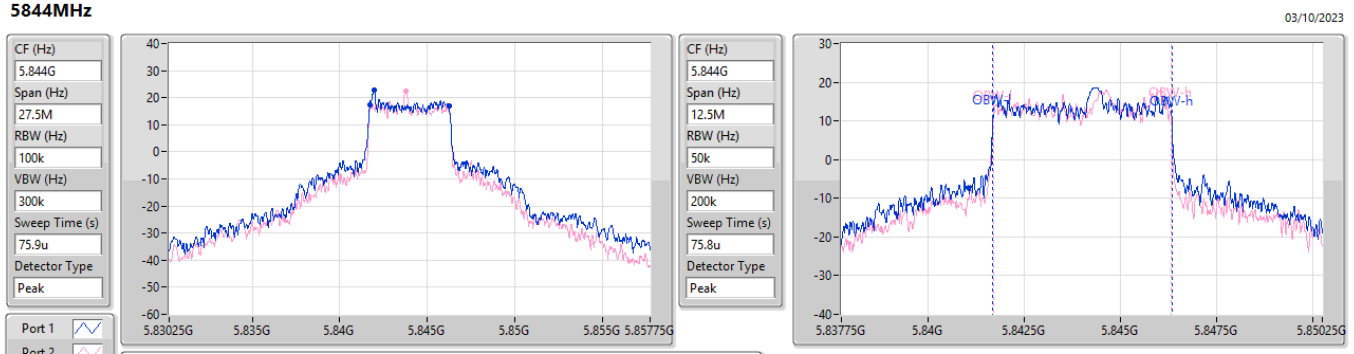
5787MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.05M	5.78355G	5.7906G	Inf	1
5.688M	5.783781G	5.789469G	Inf	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

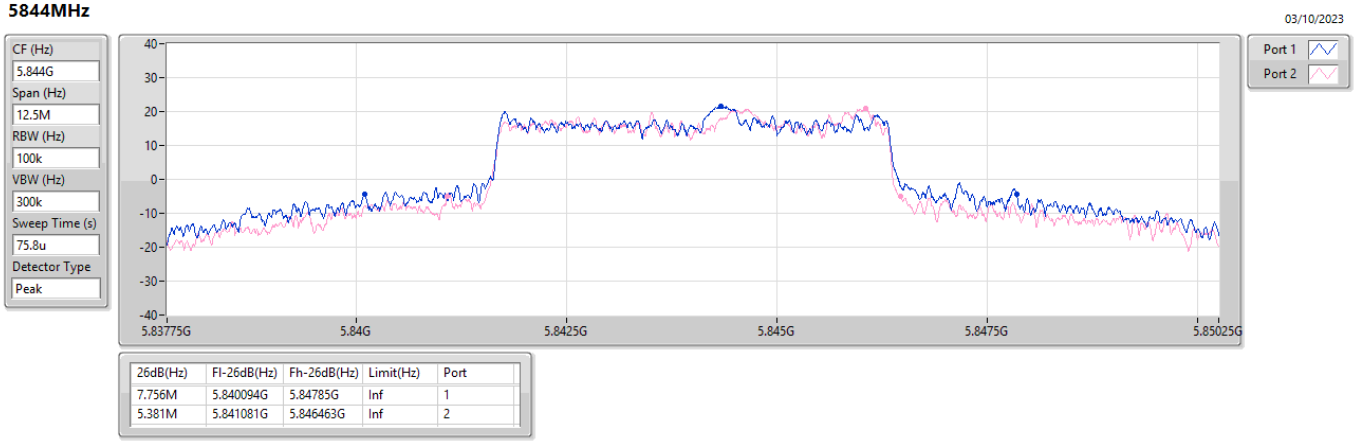
5844MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.538M	5.841718G	5.846255G	4.648M	5.841689G	5.846336G	500k	1
4.441M	5.841731G	5.846173G	4.604M	5.841707G	5.846311G	500k	2

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **EBW**

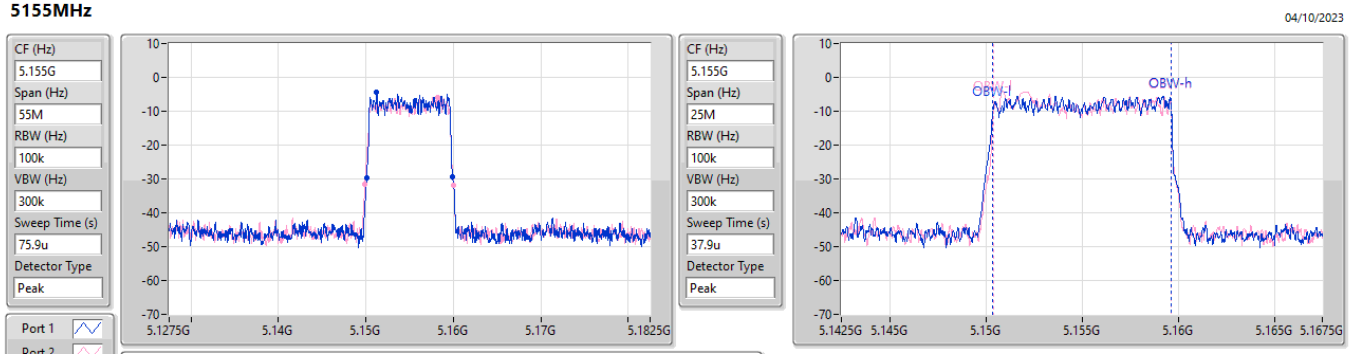
5844MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.756M	5.840094G	5.84785G	Inf	1
5.381M	5.841081G	5.846463G	Inf	2

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5155MHz

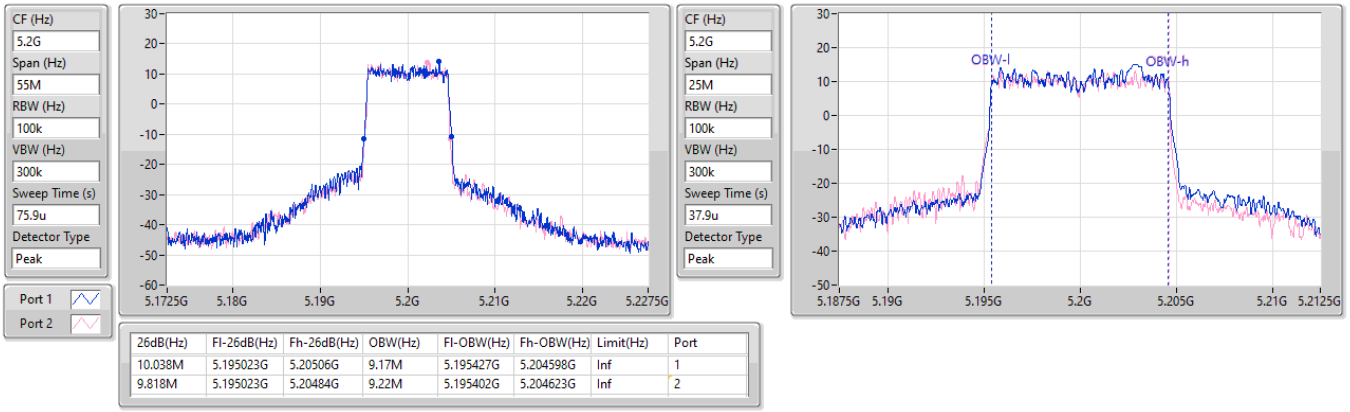


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.845M	5.150078G	5.159923G	9.258M	5.150377G	5.159635G	Inf	1
10.148M	5.149885G	5.160033G	9.208M	5.150415G	5.159623G	Inf	2

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5200MHz

04/10/2023

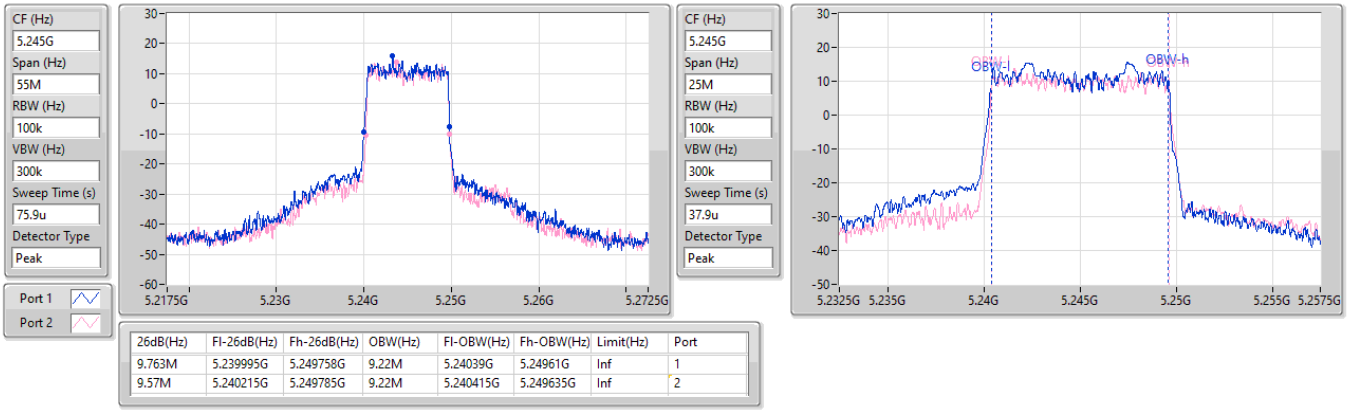


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.038M	5.195023G	5.20506G	9.17M	5.195427G	5.204598G	Inf	1
9.818M	5.195023G	5.20484G	9.22M	5.195402G	5.204623G	Inf	2

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5245MHz

04/10/2023

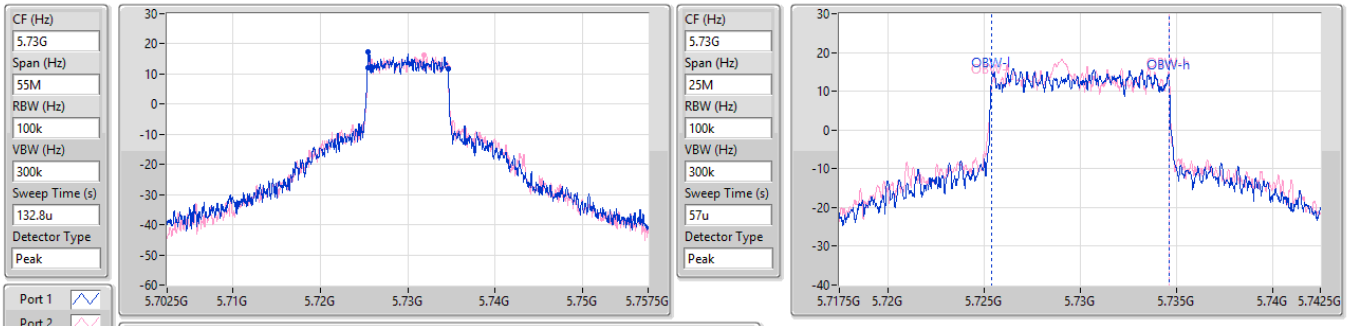


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.763M	5.239995G	5.249758G	9.22M	5.24039G	5.24961G	Inf	1
9.57M	5.240215G	5.249785G	9.22M	5.240415G	5.249635G	Inf	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5730MHz

03/10/2023

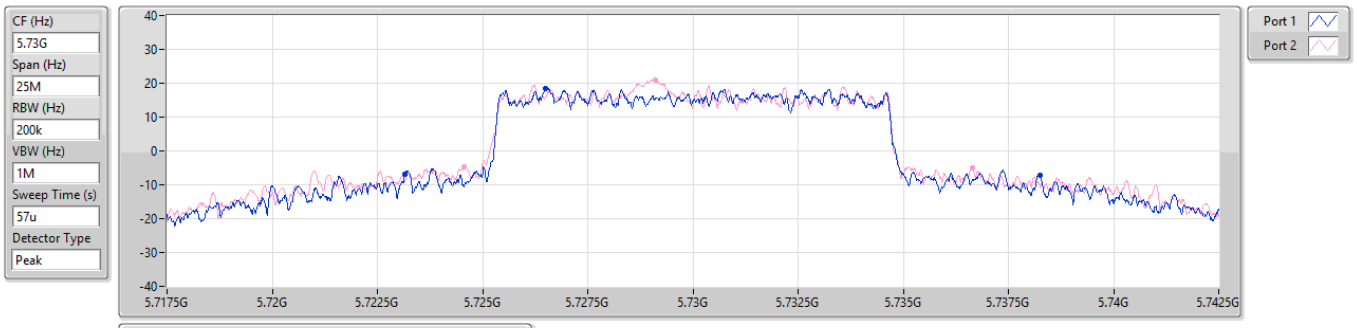


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.24M	5.725408G	5.734648G	9.258M	5.72539G	5.734648G	500k	1
9.24M	5.725408G	5.734648G	9.27M	5.72539G	5.73466G	500k	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5730MHz

03/10/2023

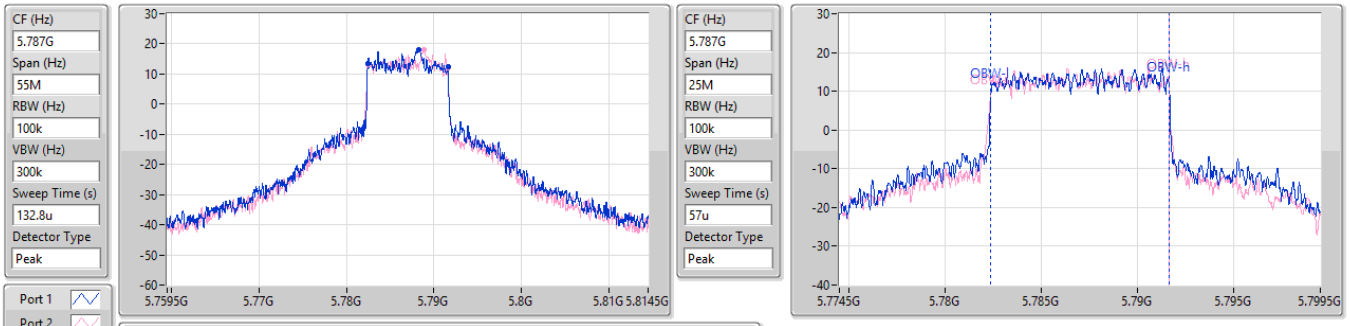


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
15.088M	5.723163G	5.73825G	Inf	1
12.075M	5.724563G	5.736638G	Inf	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5787MHz

03/10/2023

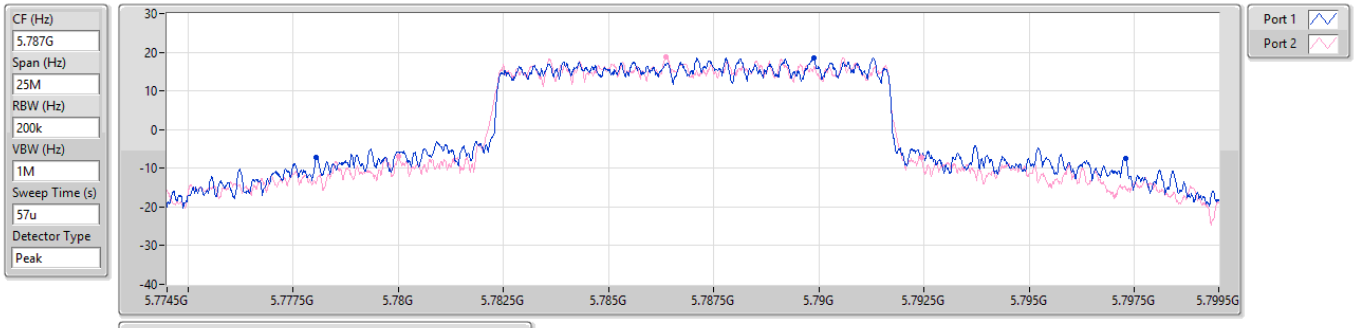


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.158M	5.782463G	5.79162G	9.27M	5.782377G	5.791648G	500k	1
9.213M	5.782408G	5.79162G	9.283M	5.782352G	5.791635G	500k	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5787MHz

03/10/2023

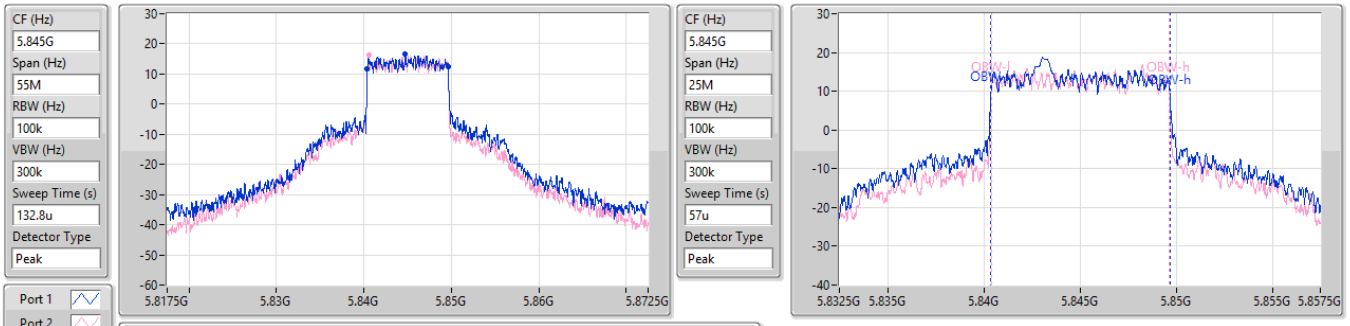


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.25M	5.778038G	5.797288G	Inf	1
12.425M	5.780013G	5.792438G	Inf	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5845MHz

03/10/2023

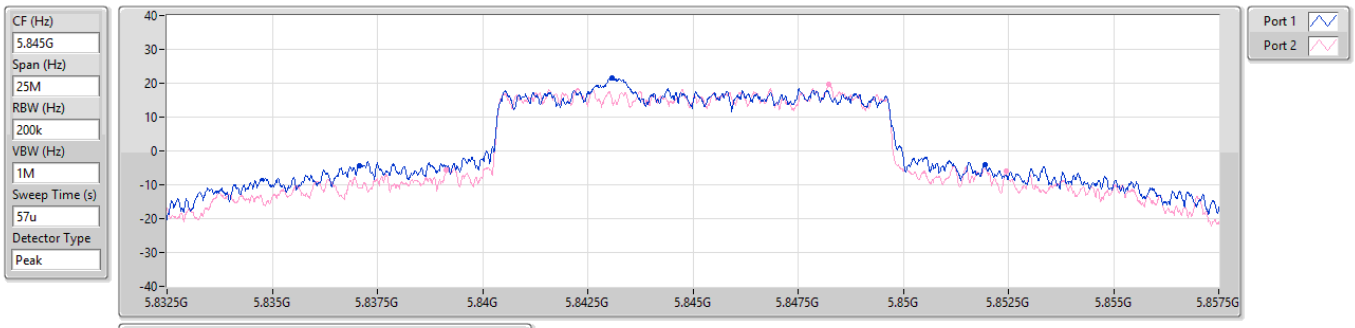


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.268M	5.84038G	5.849648G	9.32M	5.840365G	5.849685G	500k	1
9.24M	5.840408G	5.849648G	9.245M	5.840402G	5.849648G	500k	2

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **EBW**

5845MHz

03/10/2023

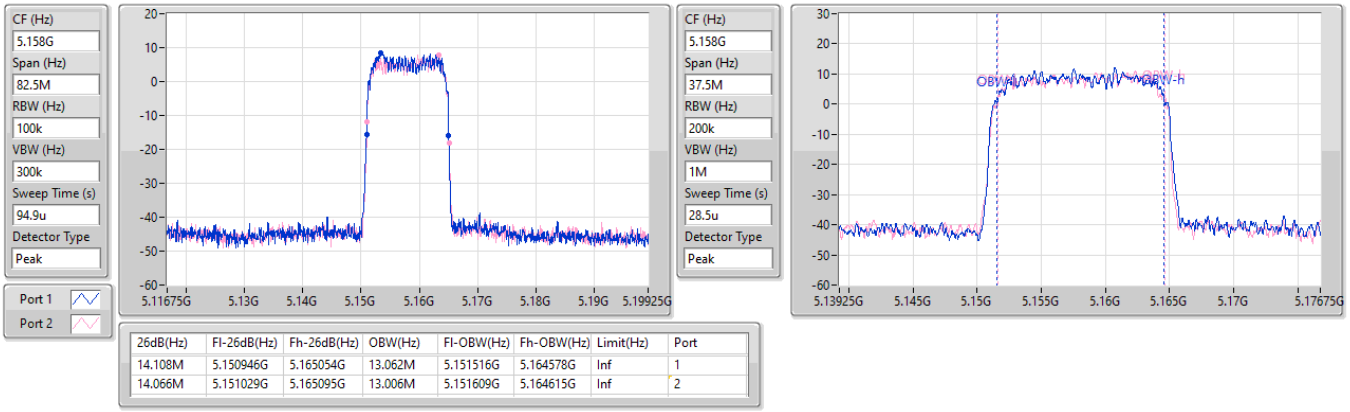


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
14.888M	5.837063G	5.85195G	Inf	1
13.3M	5.839138G	5.852438G	Inf	2

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5158MHz

04/10/2023

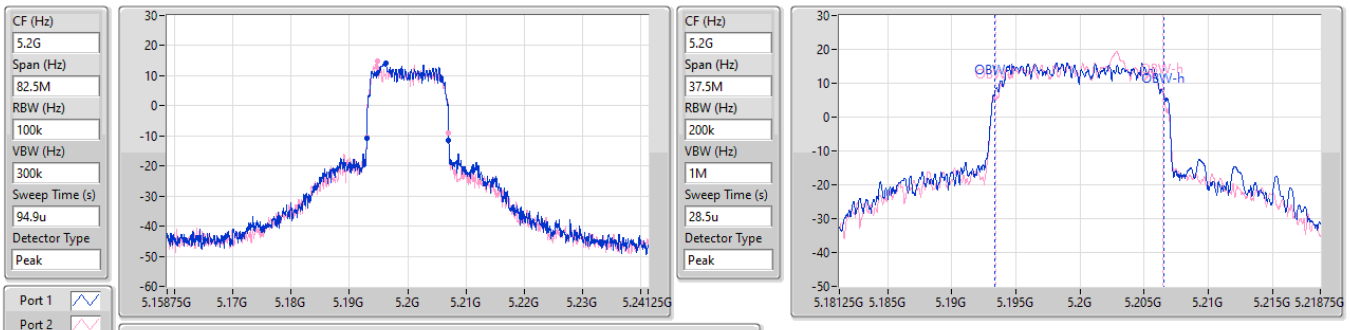


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.108M	5.150946G	5.165054G	13.062M	5.151516G	5.164578G	Inf	1
14.066M	5.151029G	5.165095G	13.006M	5.151609G	5.164615G	Inf	2

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5200MHz

04/10/2023

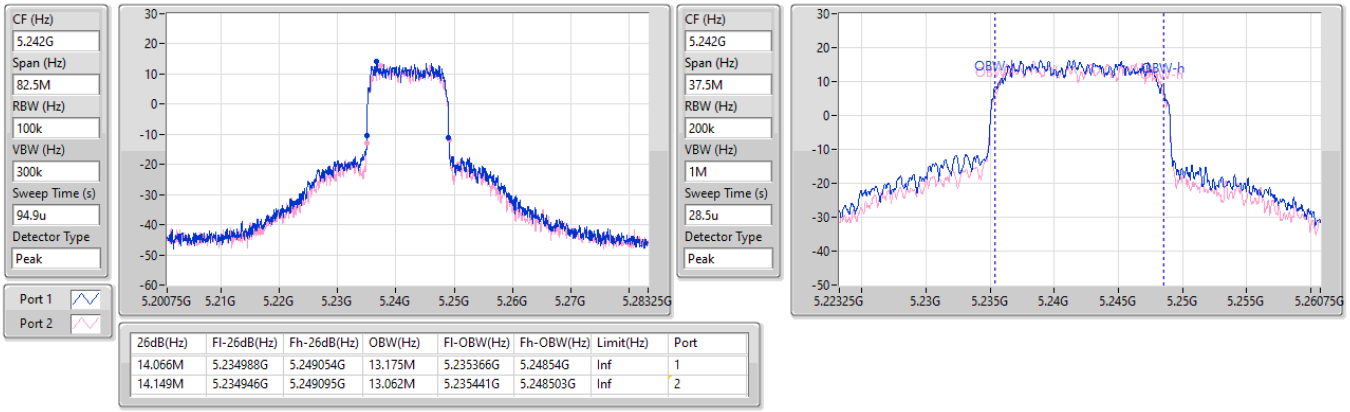


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.066M	5.192988G	5.207054G	13.175M	5.193403G	5.206578G	Inf	1
14.066M	5.192988G	5.207054G	12.987M	5.193478G	5.206466G	Inf	2

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5242MHz

04/10/2023

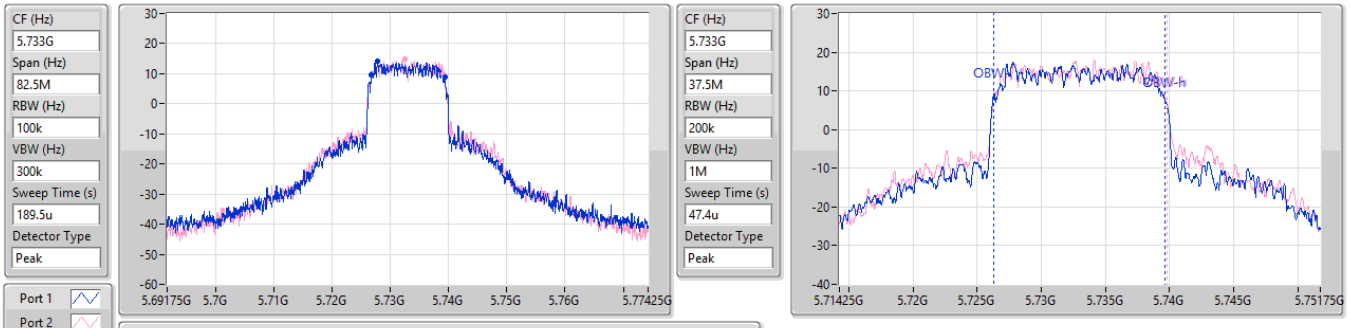


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.066M	5.234988G	5.249054G	13.175M	5.235366G	5.24854G	Inf	1
14.149M	5.234946G	5.249095G	13.062M	5.235441G	5.248503G	Inf	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

5733MHz

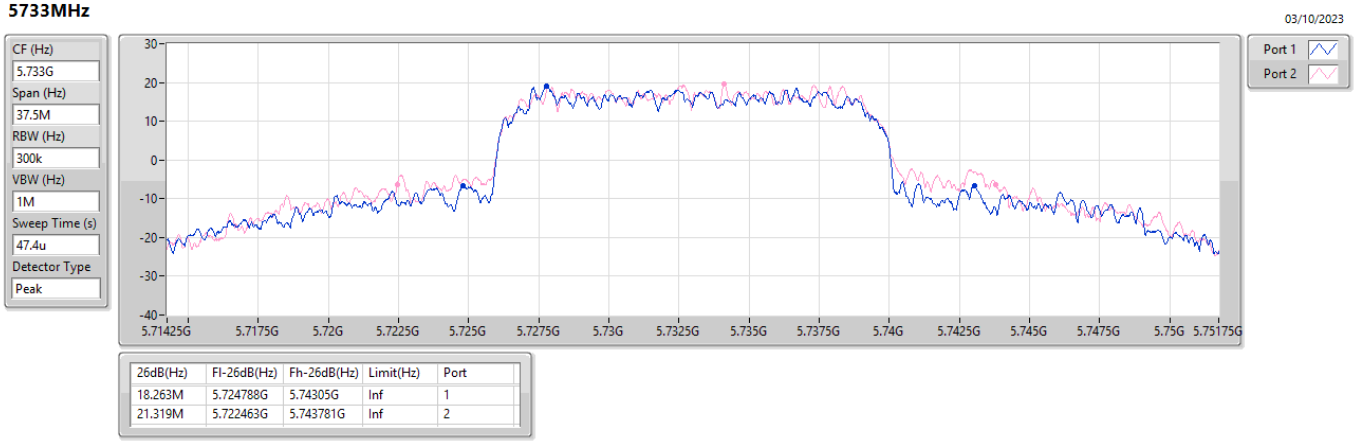
03/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.705M	5.72673G	5.739435G	13.362M	5.72631G	5.739672G	500k	1
12.334M	5.726813G	5.739146G	13.493M	5.726291G	5.739784G	500k	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

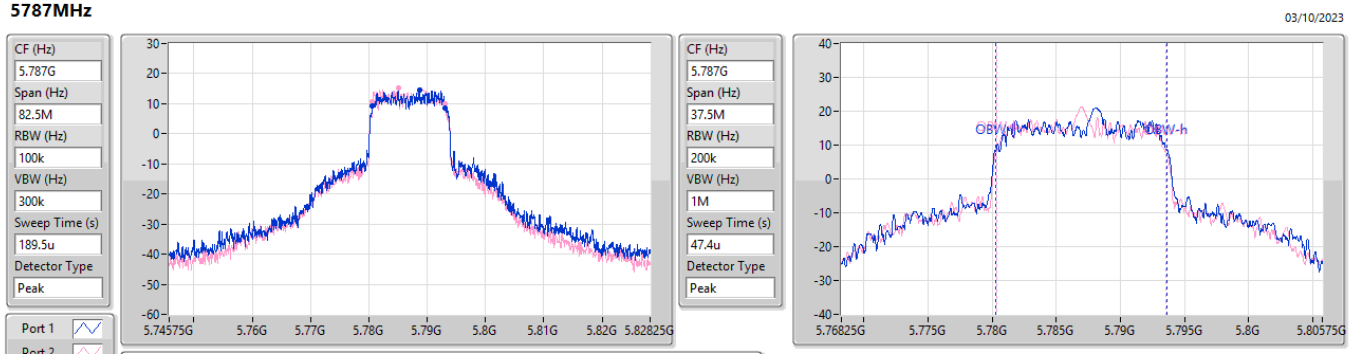
5733MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
18.263M	5.724788G	5.74305G	Inf	1
21.319M	5.722463G	5.743781G	Inf	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

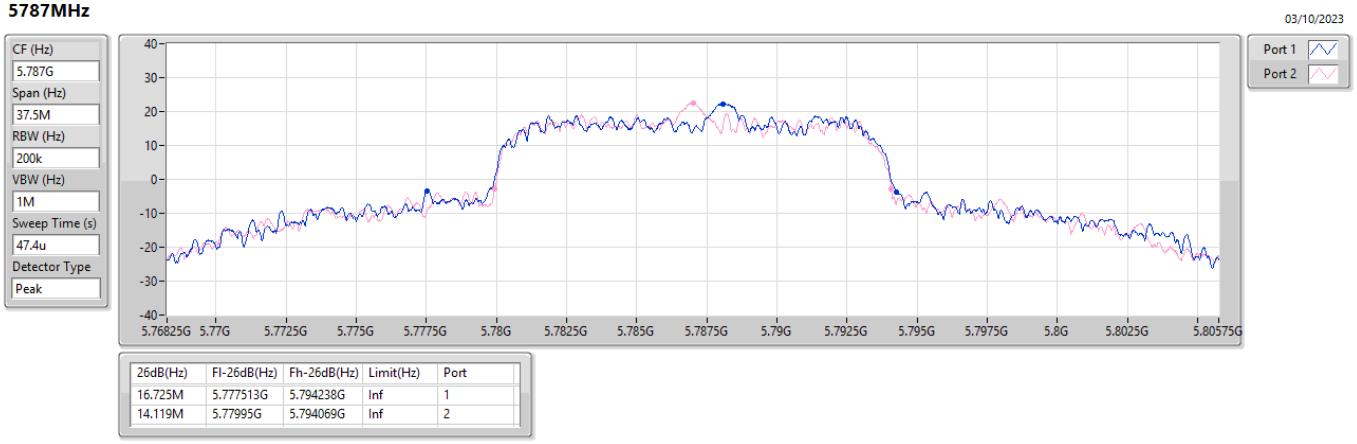
5787MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.499M	5.780648G	5.793146G	13.381M	5.780291G	5.793672G	500k	1
12.458M	5.780648G	5.793105G	13.231M	5.780328G	5.793559G	500k	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

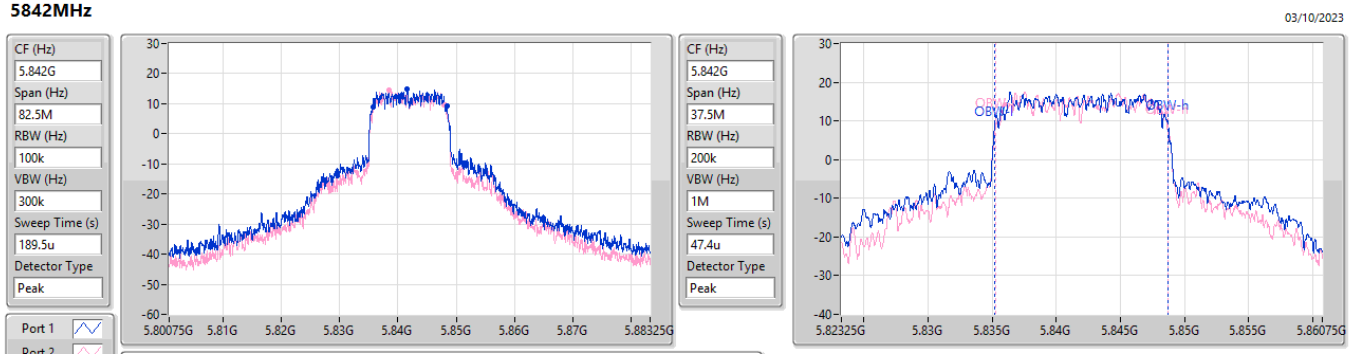
5787MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
16.725M	5.777513G	5.794238G	Inf	1
14.119M	5.77995G	5.794069G	Inf	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

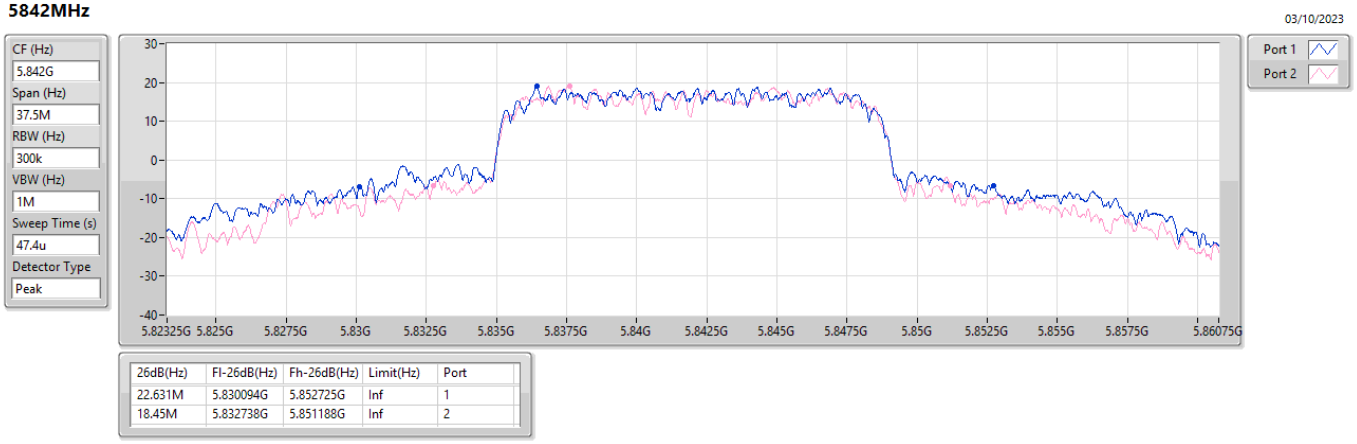
5842MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.746M	5.835689G	5.848435G	13.587M	5.83516G	5.848747G	500k	1
12.375M	5.83573G	5.848105G	13.4M	5.835291G	5.84869G	500k	2

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **EBW**

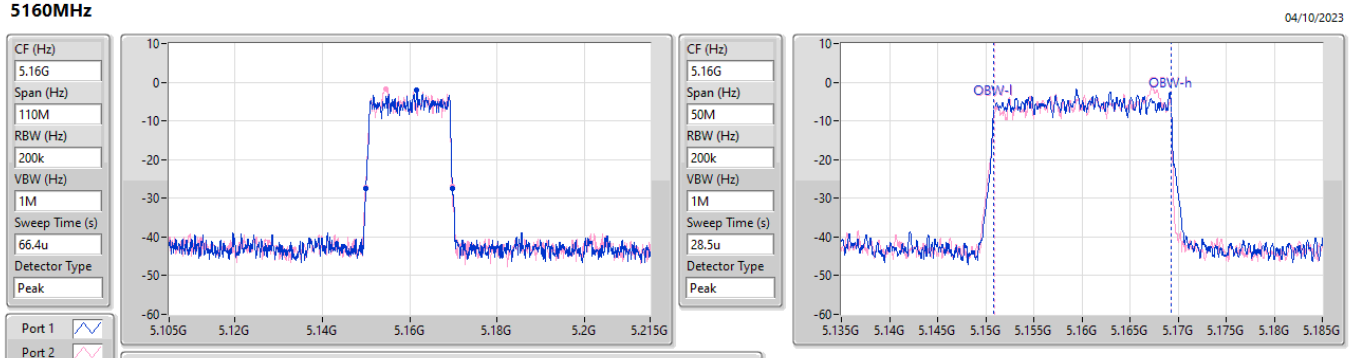
5842MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.631M	5.830094G	5.852725G	Inf	1
18.45M	5.832738G	5.851188G	Inf	2

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5160MHz

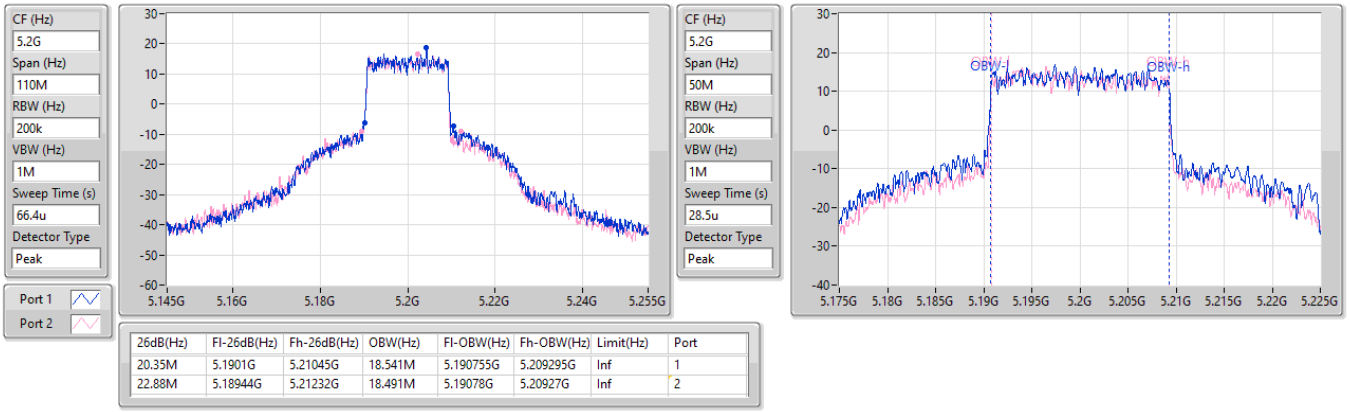


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.14999G	5.16979G	18.416M	5.150855G	5.16927G	Inf	1
19.745M	5.149935G	5.16968G	18.366M	5.15088G	5.169245G	Inf	2

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5200MHz

04/10/2023

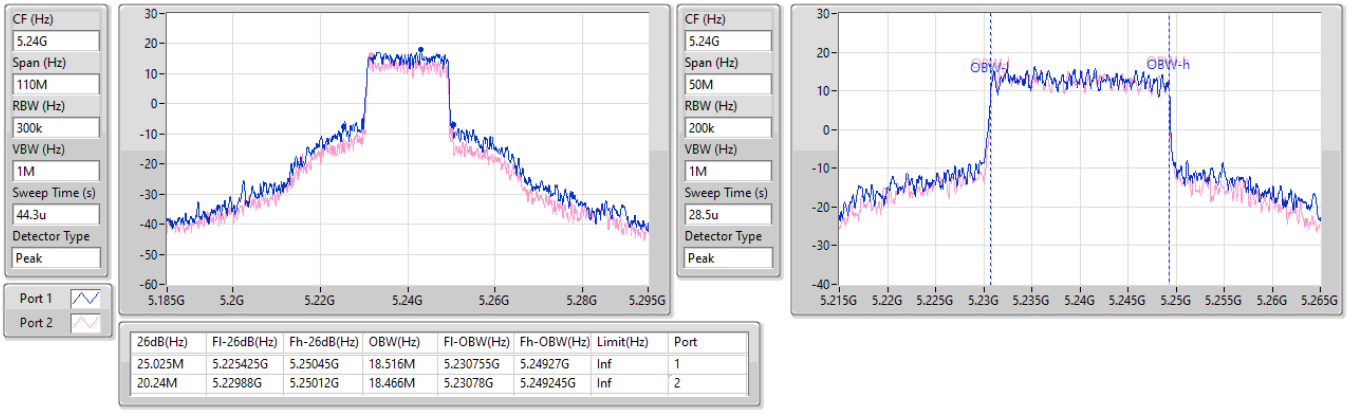


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.1901G	5.21045G	18.541M	5.190755G	5.209295G	Inf	1
22.88M	5.18944G	5.21232G	18.491M	5.19078G	5.20927G	Inf	2

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5240MHz

04/10/2023

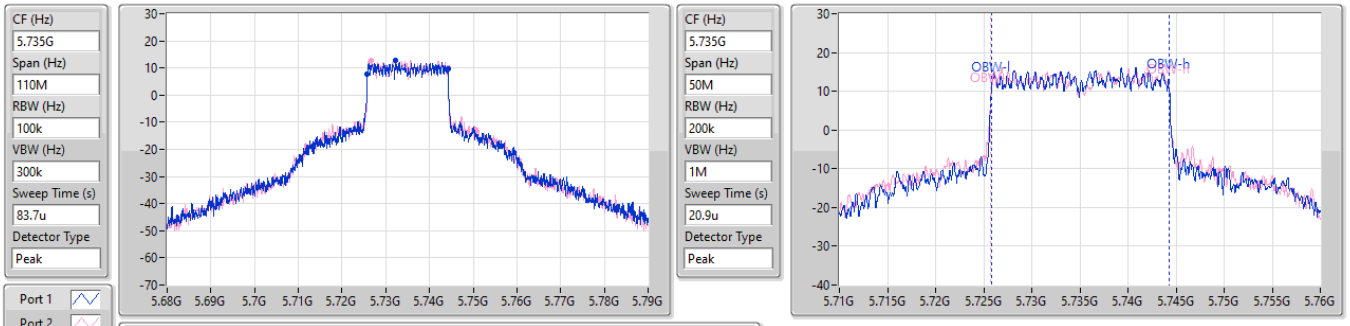


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.025M	5.225425G	5.25045G	18.516M	5.230755G	5.24927G	Inf	1
20.24M	5.22988G	5.25012G	18.466M	5.23078G	5.249245G	Inf	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5735MHz

13/11/2023

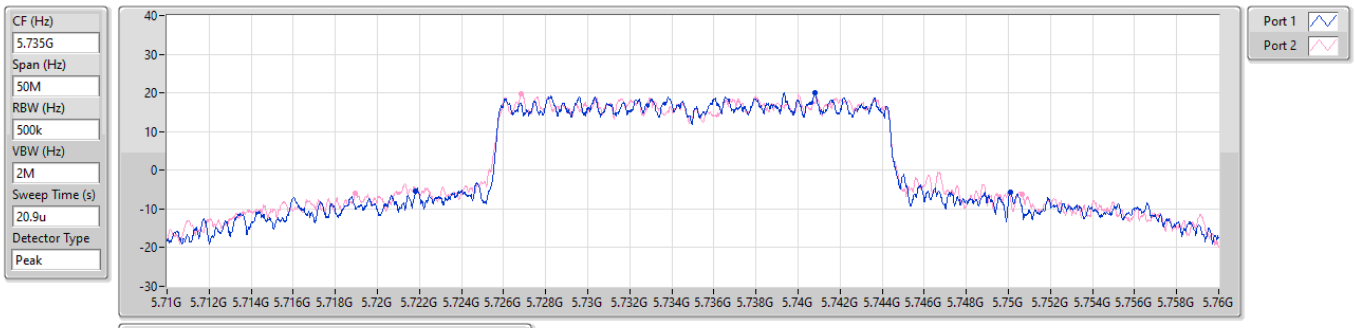


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.72576G	5.744295G	18.508M	5.725798G	5.744306G	500k	1
18.535M	5.72576G	5.744295G	18.58M	5.725753G	5.744333G	500k	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5735MHz

13/11/2023

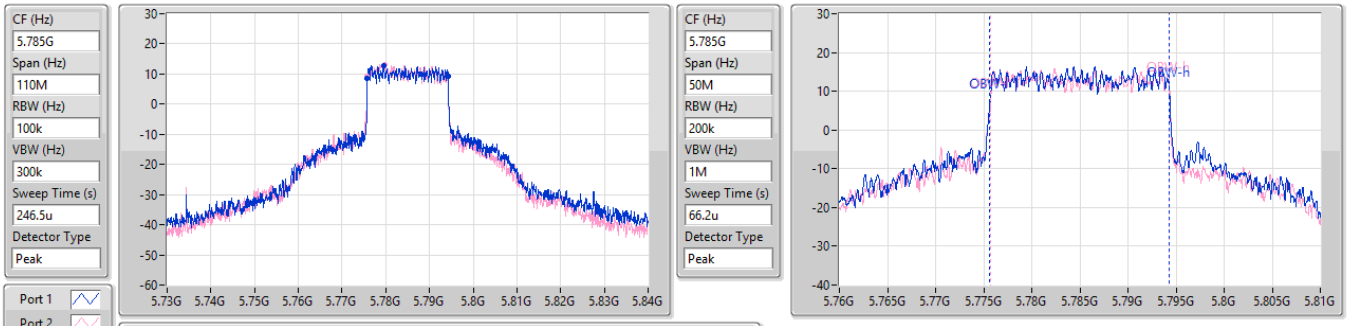


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
28.3M	5.721825G	5.750125G	Inf	1
31.725M	5.718925G	5.75065G	Inf	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5785MHz

03/10/2023

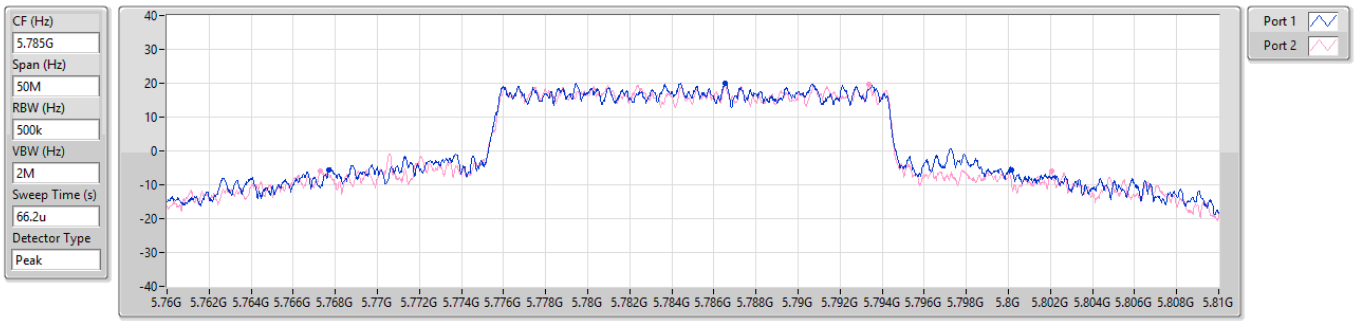


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.77576G	5.794295G	18.716M	5.775605G	5.79432G	500k	1
18.535M	5.77576G	5.794295G	18.616M	5.775705G	5.79432G	500k	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5785MHz

03/10/2023

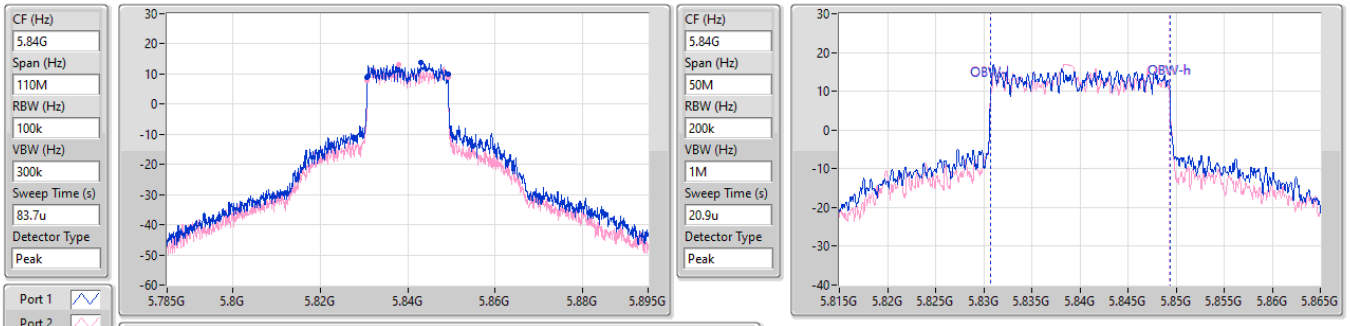


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
32.475M	5.7677G	5.800175G	Inf	1
34.75M	5.7673G	5.80205G	Inf	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5840MHz

13/11/2023

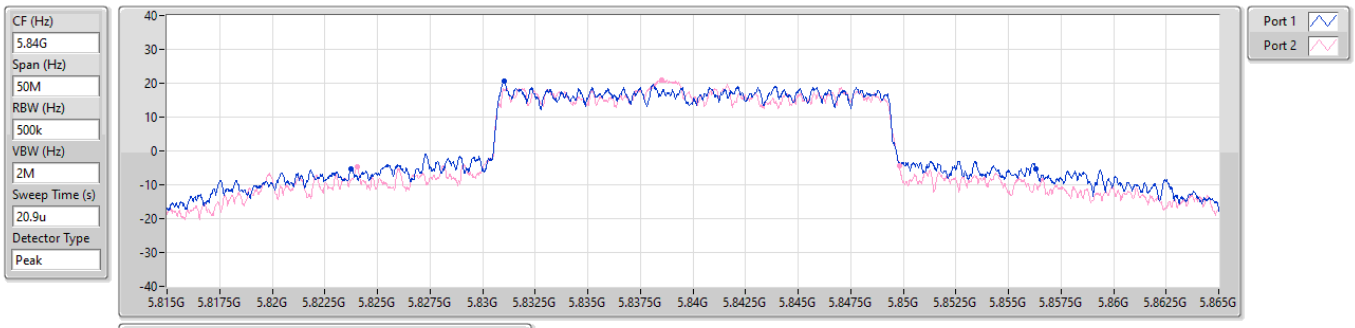


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.83076G	5.849295G	18.619M	5.830725G	5.849344G	500k	1
18.535M	5.83076G	5.849295G	18.498M	5.830767G	5.849265G	500k	2

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **EBW**

5840MHz

13/11/2023

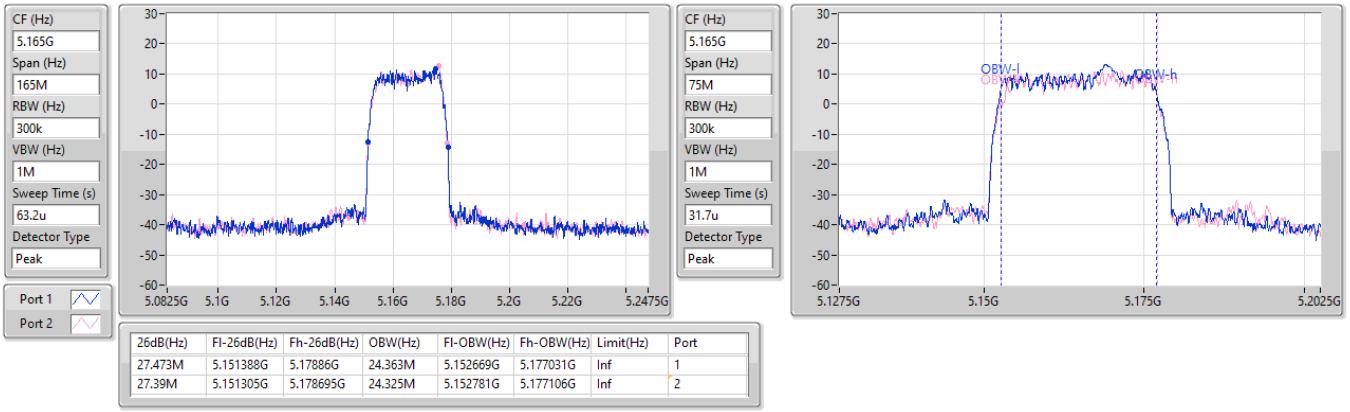


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
32.575M	5.82375G	5.856325G	Inf	1
25.775M	5.824025G	5.8498G	Inf	2

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5165MHz

04/10/2023

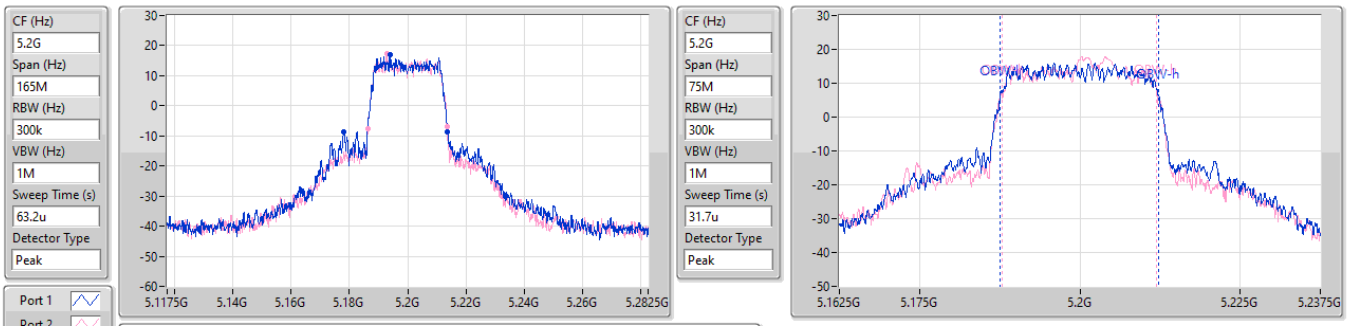


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.473M	5.151388G	5.17886G	24.363M	5.152669G	5.177031G	Inf	1
27.39M	5.151305G	5.178695G	24.325M	5.152781G	5.177106G	Inf	2

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5200MHz

04/10/2023

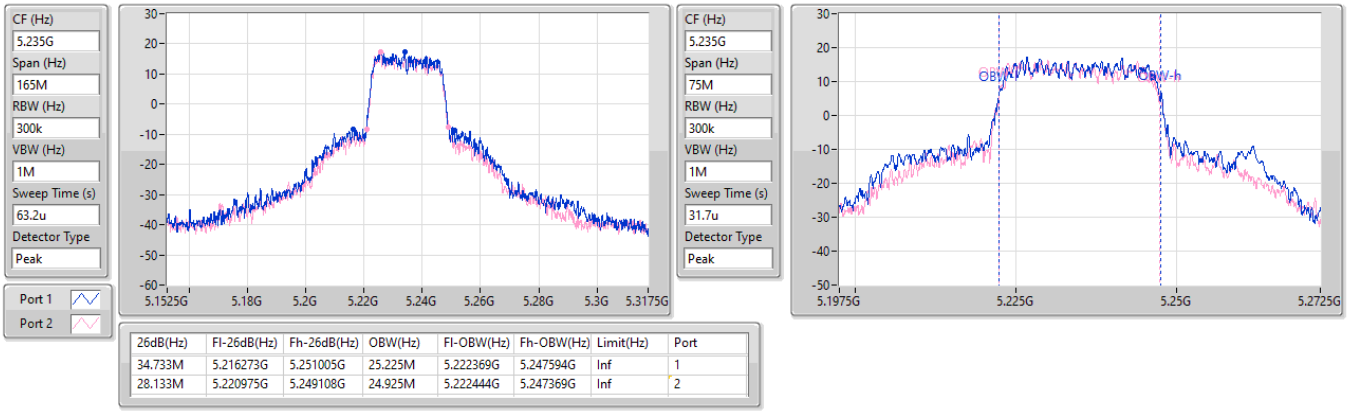


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.723M	5.178055G	5.213778G	24.625M	5.187631G	5.212256G	Inf	1
27.143M	5.186305G	5.213448G	24.138M	5.187819G	5.211957G	Inf	2

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5235MHz

04/10/2023

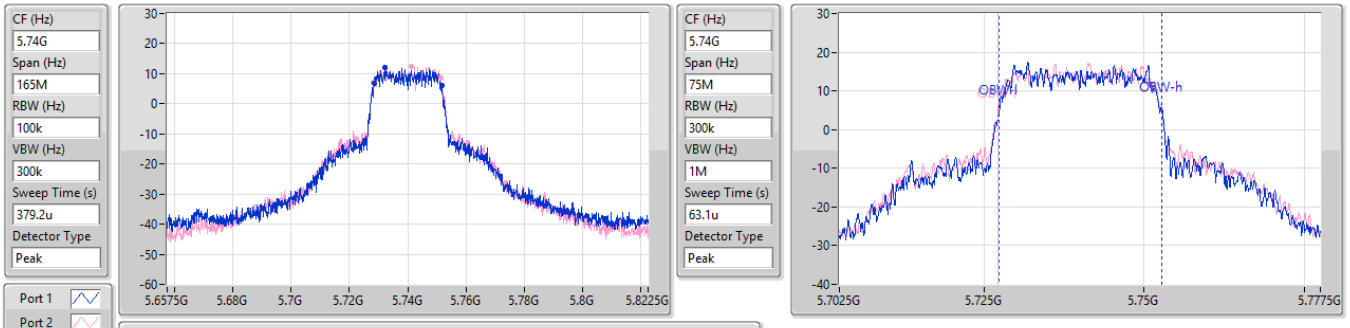


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.733M	5.216273G	5.251005G	25.225M	5.222369G	5.247594G	Inf	1
28.133M	5.220975G	5.249108G	24.925M	5.222444G	5.247369G	Inf	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

5740MHz

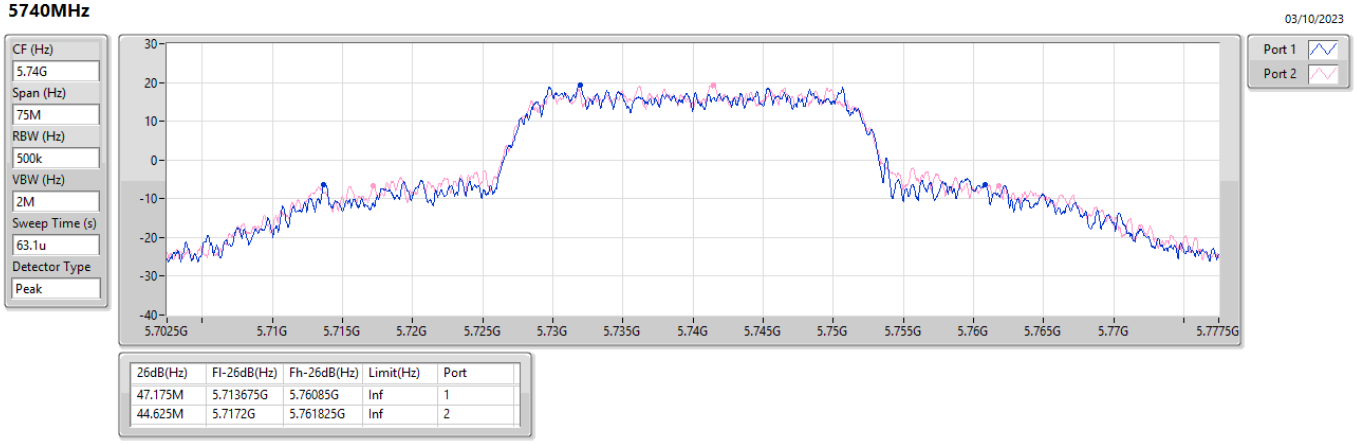
03/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.265M	5.728533G	5.751798G	25.262M	5.727444G	5.752706G	500k	1
23.183M	5.728285G	5.751468G	25.525M	5.727219G	5.752744G	500k	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

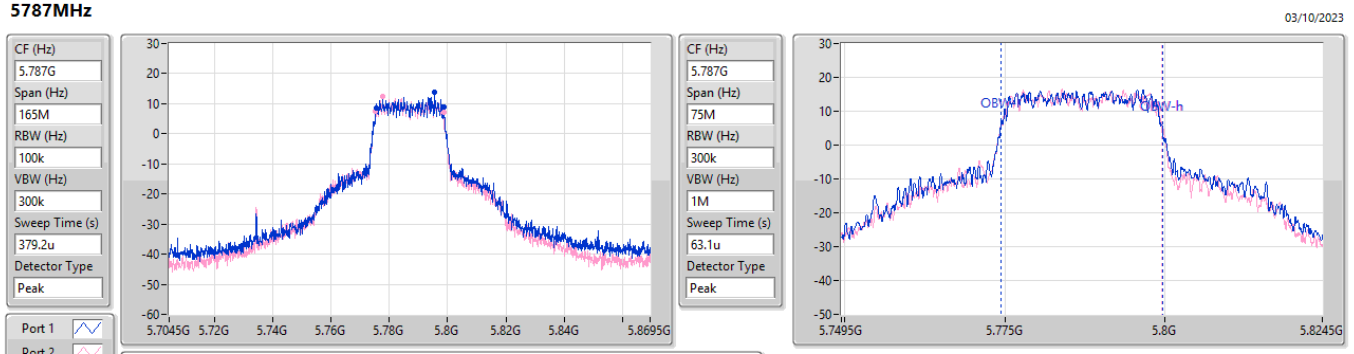
5740MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
47.175M	5.713675G	5.76085G	Inf	1
44.625M	5.7172G	5.761825G	Inf	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

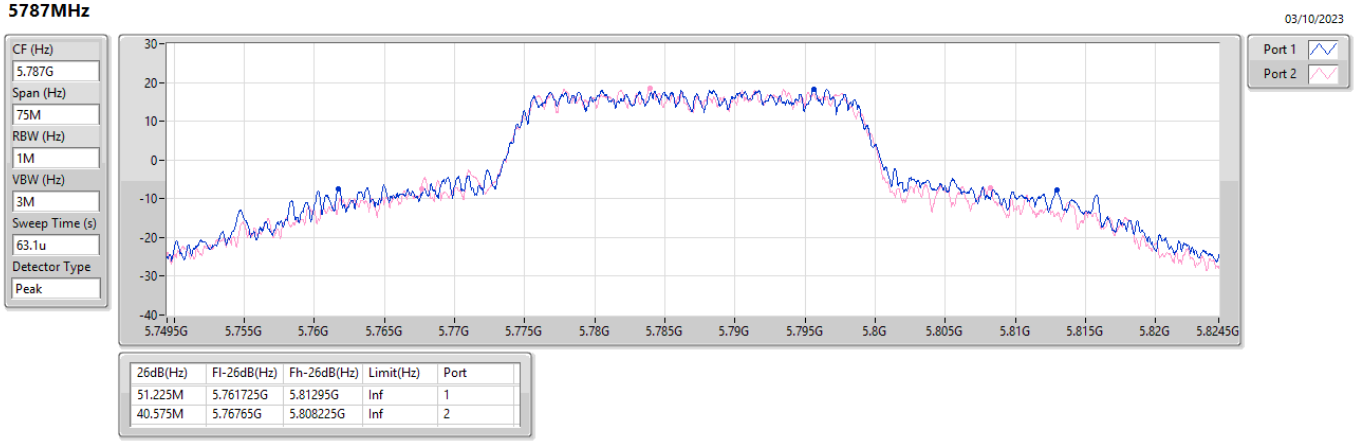
5787MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.348M	5.77545G	5.798798G	25.187M	5.774369G	5.799556G	500k	1
23.513M	5.775285G	5.798798G	25M	5.774406G	5.799406G	500k	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

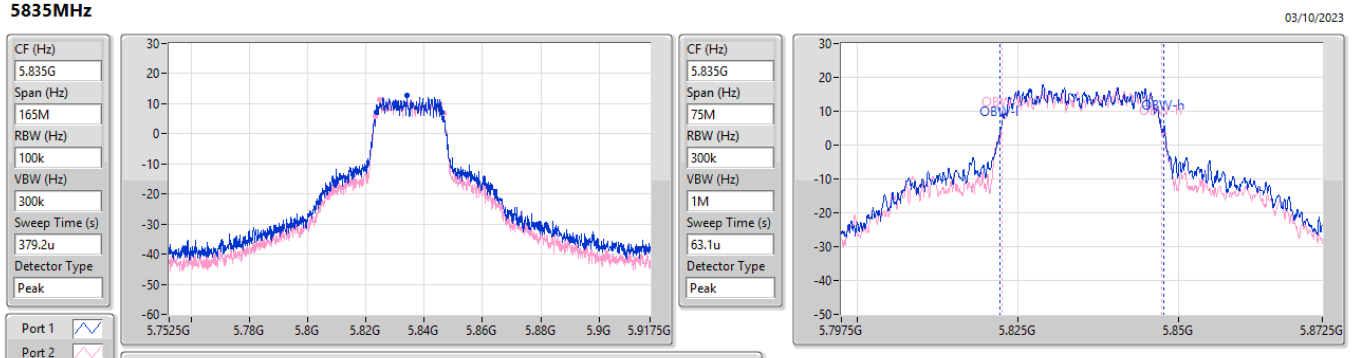
5787MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
51.225M	5.761725G	5.81295G	Inf	1
40.575M	5.76765G	5.808225G	Inf	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

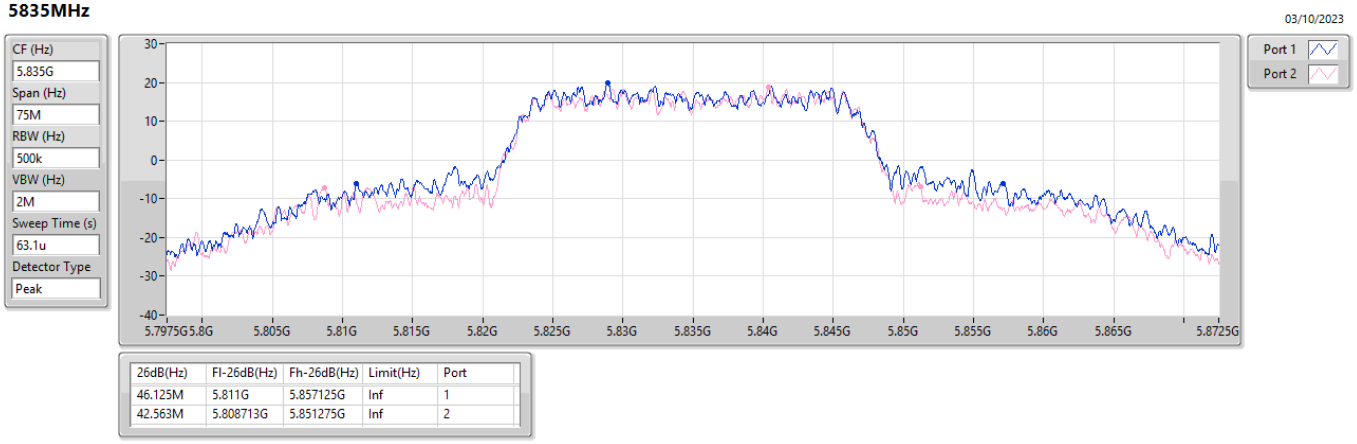
5835MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.688M	5.82345G	5.846138G	25.6M	5.822256G	5.847856G	500k	1
23.513M	5.823285G	5.846798G	24.963M	5.822519G	5.847481G	500k	2

5.725-5.85GHz_QPSK30_30MHz_Nss1_2TX **EBW**

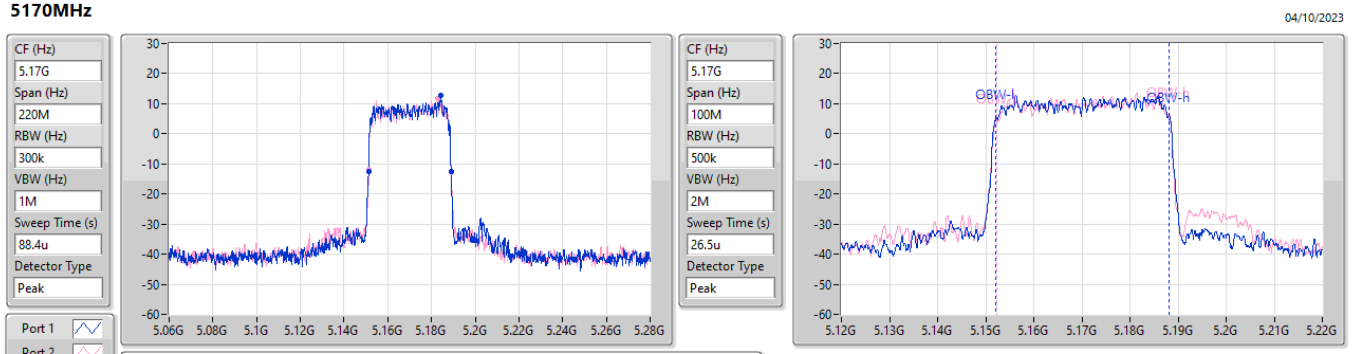
5835MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
46.125M	5.811G	5.857125G	Inf	1
42.563M	5.808713G	5.851275G	Inf	2

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5170MHz

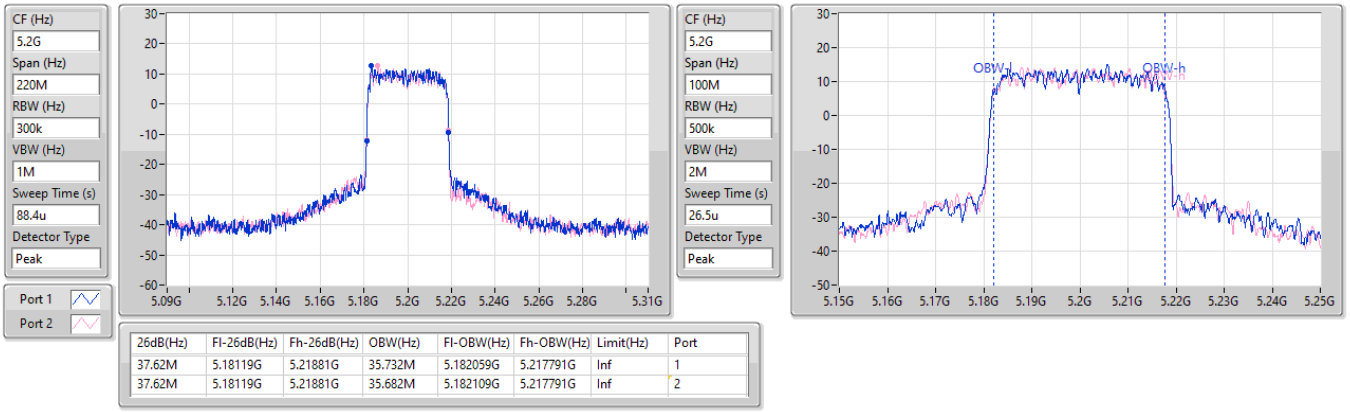


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	5.15119G	5.18892G	35.982M	5.152159G	5.188141G	Inf	1
37.73M	5.1513G	5.18903G	35.882M	5.152259G	5.188141G	Inf	2

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5200MHz

04/10/2023

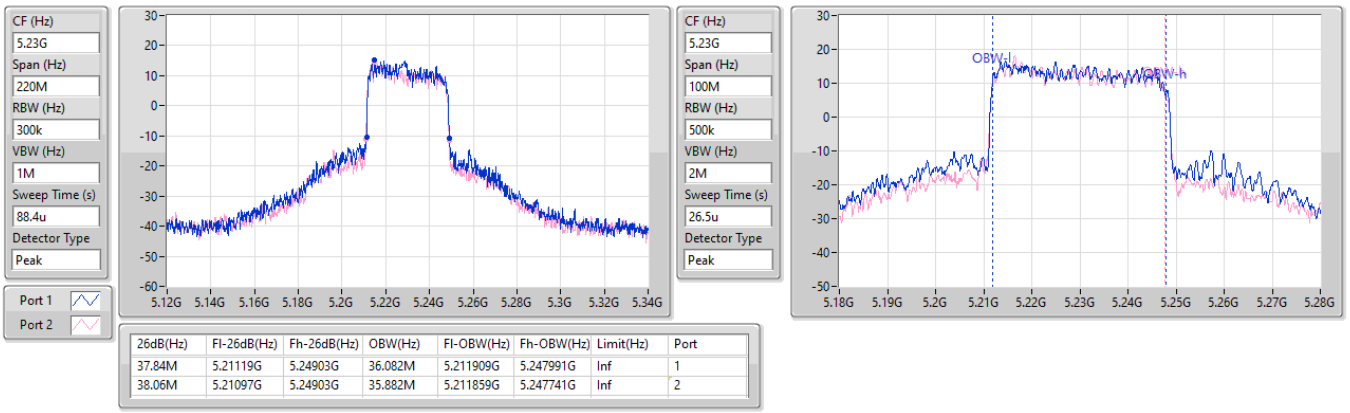


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.18119G	5.21881G	35.732M	5.182059G	5.217791G	Inf	1
37.62M	5.18119G	5.21881G	35.682M	5.182109G	5.217791G	Inf	2

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5230MHz

04/10/2023

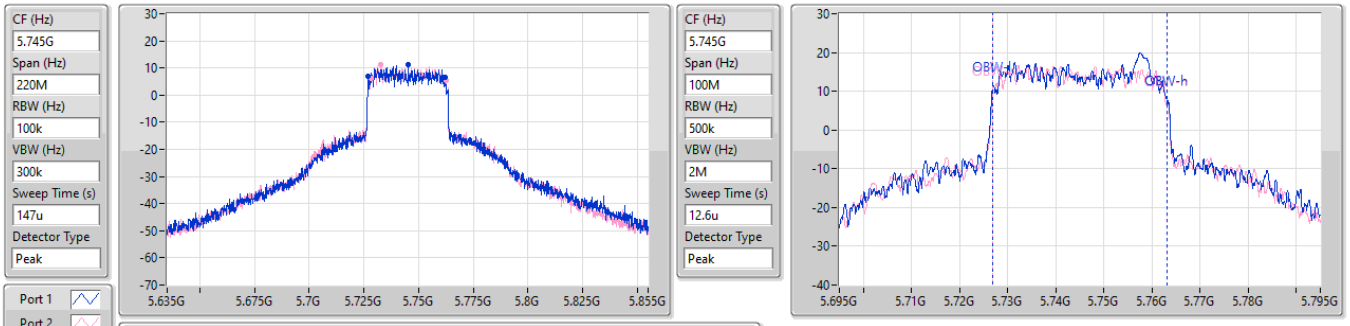


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	5.21119G	5.24903G	36.082M	5.211909G	5.247991G	Inf	1
38.06M	5.21097G	5.24903G	35.882M	5.211859G	5.247741G	Inf	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5745MHz

13/11/2023

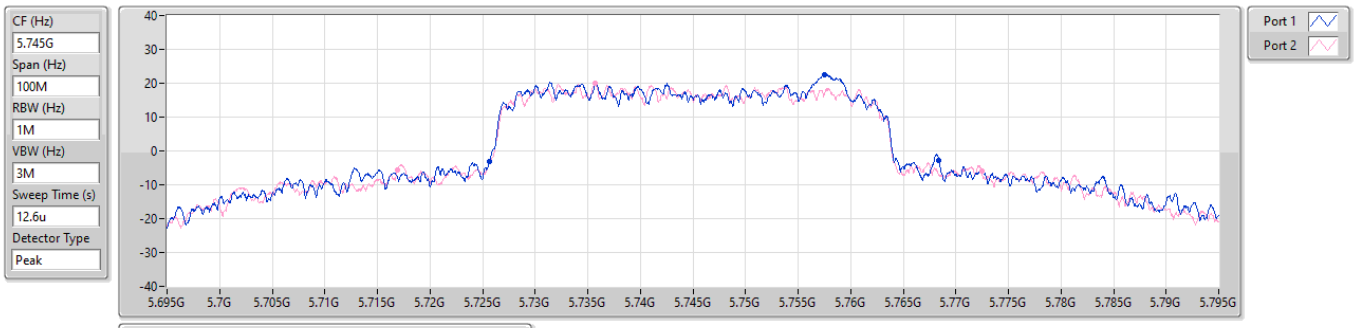


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.09M	5.72707G	5.76216G	36.242M	5.726854G	5.763097G	500k	1
34.21M	5.72839G	5.7626G	36.248M	5.726915G	5.763162G	500k	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5745MHz

13/11/2023

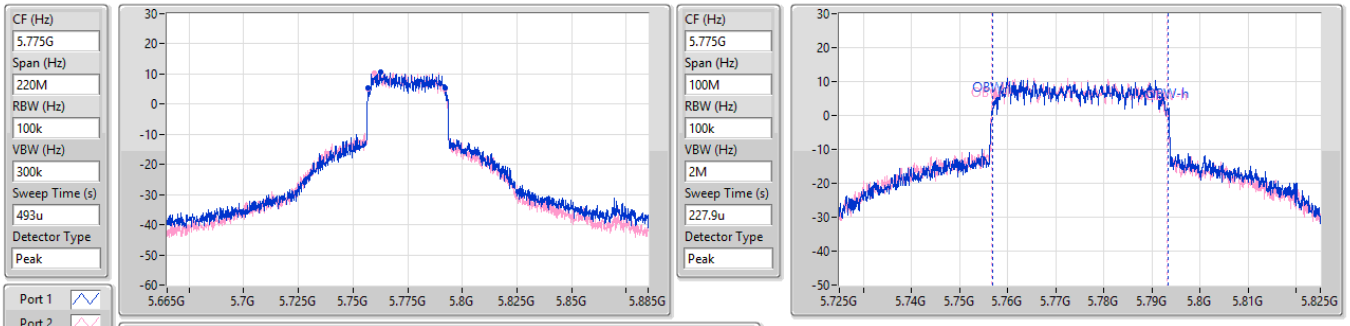


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.75M	5.72565G	5.7684G	Inf	1
55.55M	5.7169G	5.77245G	Inf	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5775MHz

03/10/2023

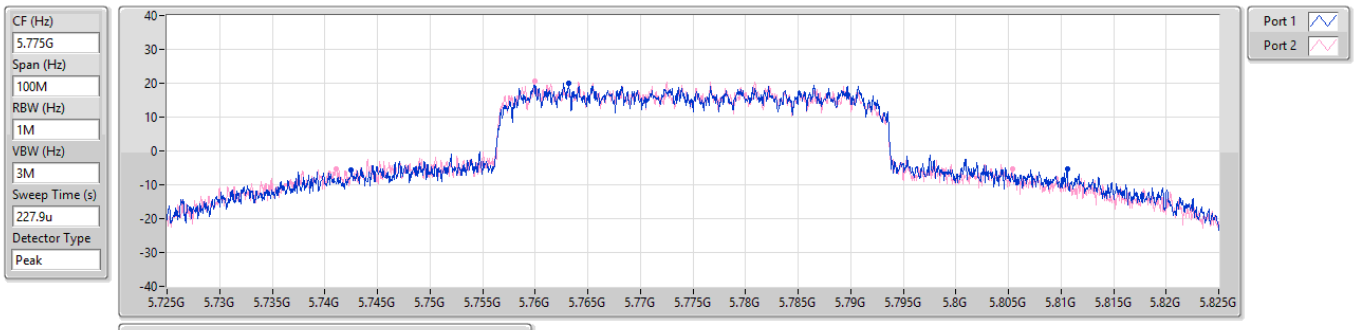


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.2M	5.75707G	5.79227G	36.632M	5.756759G	5.793391G	500k	1
35.31M	5.75707G	5.79238G	36.582M	5.756609G	5.793191G	500k	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5775MHz

03/10/2023

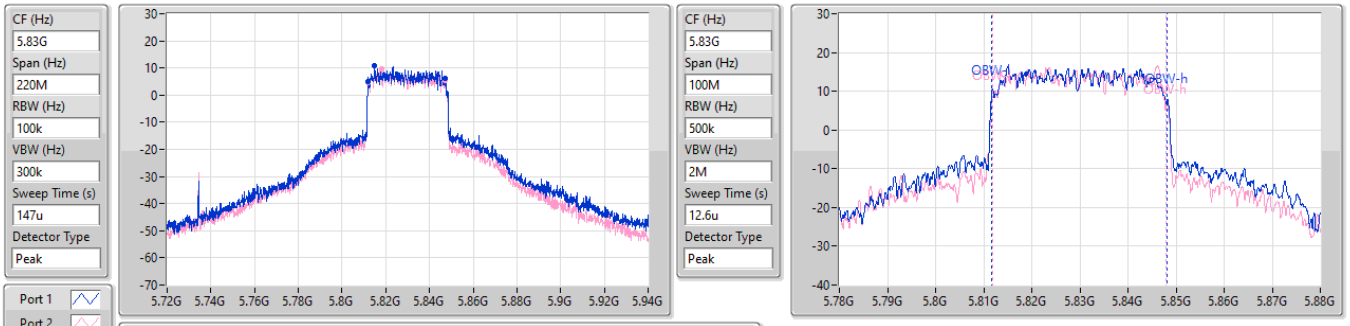


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
68.1M	5.7425G	5.8106G	Inf	1
64.35M	5.74105G	5.8054G	Inf	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5830MHz

13/11/2023

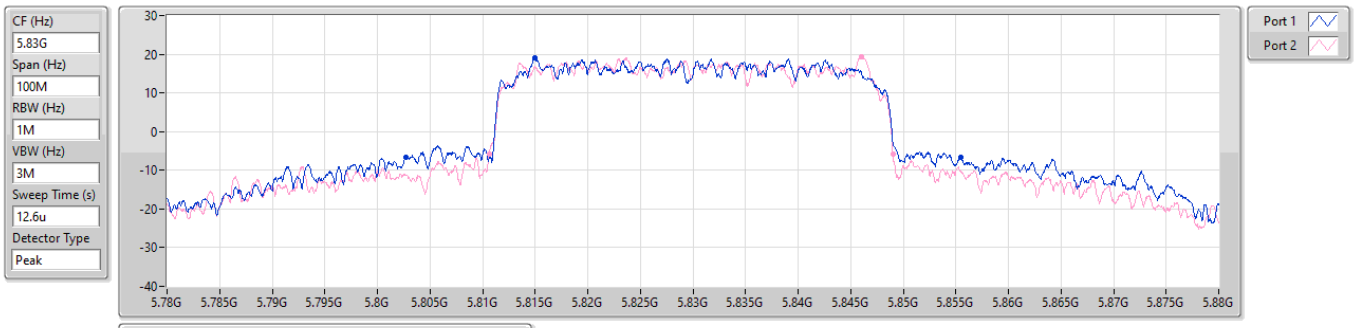


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.2M	5.81196G	5.84716G	36.507M	5.811708G	5.848214G	500k	1
35.09M	5.81207G	5.84716G	35.9M	5.811932G	5.847832G	500k	2

5.725-5.85GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5830MHz

13/11/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
52.75M	5.8027G	5.85545G	Inf	1
38.35M	5.81065G	5.849G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	20.505M	18.426M	18M4G7D	20.385M	18.396M
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	27.518M	24.468M	24M5G7D	27.405M	24.333M
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	38.43M	35.622M	35M6G7D	38.4M	35.532M
5.725-5.85GHz	-	-	-	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	18.36M	18.456M	18M5G7D	18.21M	18.396M
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	24.098M	24.558M	24M6G7D	23.153M	24.288M
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	35.4M	35.682M	35M7G7D	35.01M	35.532M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

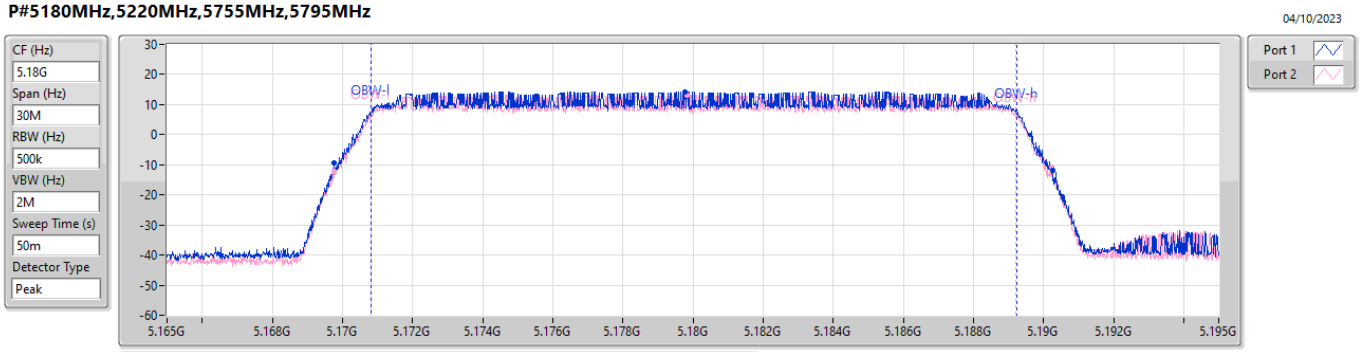
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
P#5180MHz,5220MHz,5755MHz,5795MHz	Pass	Inf	20.505M	18.426M	20.46M	18.396M	-	-	-	-
P5180MHz,#5220MHz,5755MHz,5795MHz	Pass	Inf	20.385M	18.426M	20.475M	18.426M	-	-	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,5795MHz	Pass	500k	-	-	-	-	18.345M	18.441M	18.21M	18.456M
P5180MHz,5220MHz,5755MHz,#5795MHz	Pass	500k	-	-	-	-	18.36M	18.396M	18.285M	18.411M
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
P#5180MHz,5220MHz,5755MHz,5795MHz	Pass	Inf	27.495M	24.333M	27.518M	24.468M	-	-	-	-
P5180MHz,#5220MHz,5755MHz,5795MHz	Pass	Inf	27.405M	24.378M	27.495M	24.4M	-	-	-	-
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,5795MHz	Pass	500k	-	-	-	-	23.153M	24.558M	23.76M	24.288M
P5180MHz,5220MHz,5755MHz,#5795MHz	Pass	500k	-	-	-	-	24.098M	24.31M	23.67M	24.333M
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
P#5175MHz,5225MHz,5750MHz,5800MHz	Pass	Inf	38.43M	35.622M	38.4M	35.622M	-	-	-	-
P5175MHz,#5225MHz,5750MHz,5800MHz	Pass	Inf	38.4M	35.532M	38.4M	35.532M	-	-	-	-
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
P5175MHz,5225MHz,#5750MHz,5800MHz	Pass	500k	-	-	-	-	35.25M	35.682M	35.22M	35.532M
P5175MHz,5225MHz,5750MHz,#5800MHz	Pass	500k	-	-	-	-	35.4M	35.592M	35.01M	35.562M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2) **EBW**

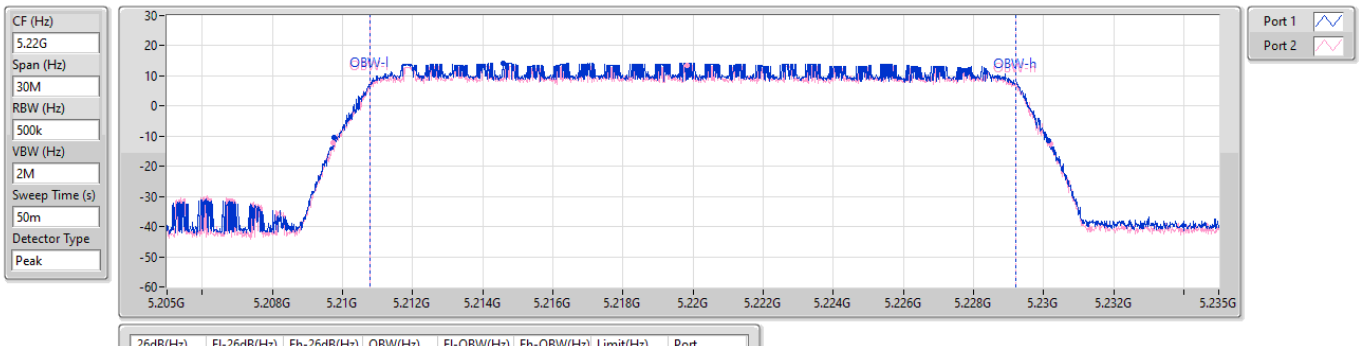
P#5180MHz,5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.505M	5.169755G	5.19026G	18.426M	5.17081G	5.189235G	Inf	1
20.46M	5.16977G	5.19023G	18.396M	5.170825G	5.18922G	Inf	2

5.15-5.25GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2) **EBW**

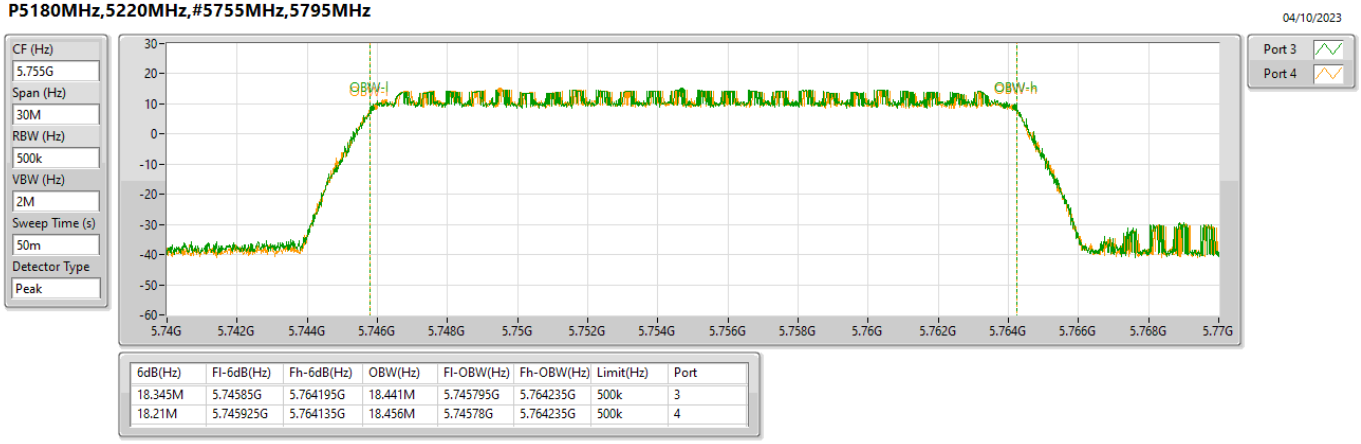
P5180MHz,#5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.385M	5.20977G	5.230155G	18.426M	5.210795G	5.22922G	Inf	1
20.475M	5.20974G	5.230215G	18.426M	5.210795G	5.22922G	Inf	2

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

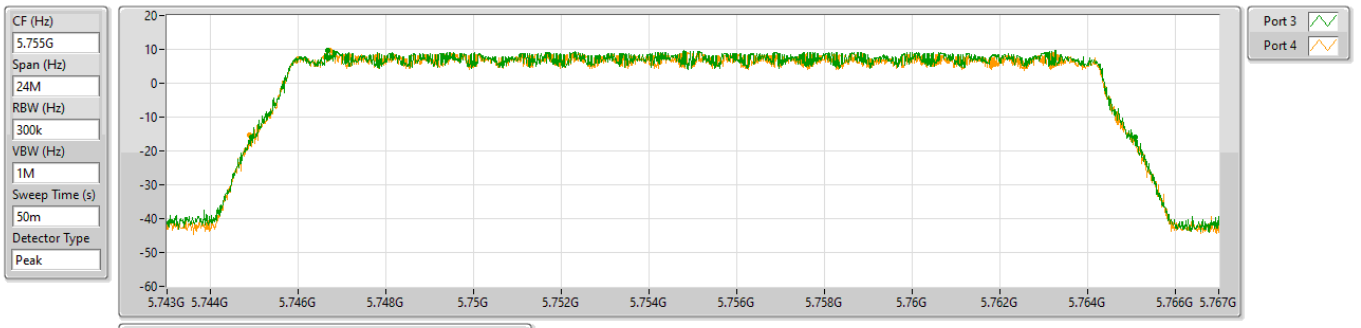
P5180MHz,5220MHz,#5755MHz,5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.345M	5.74585G	5.764195G	18.441M	5.745795G	5.764235G	500k	3
18.21M	5.745925G	5.764135G	18.456M	5.74578G	5.764235G	500k	4

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

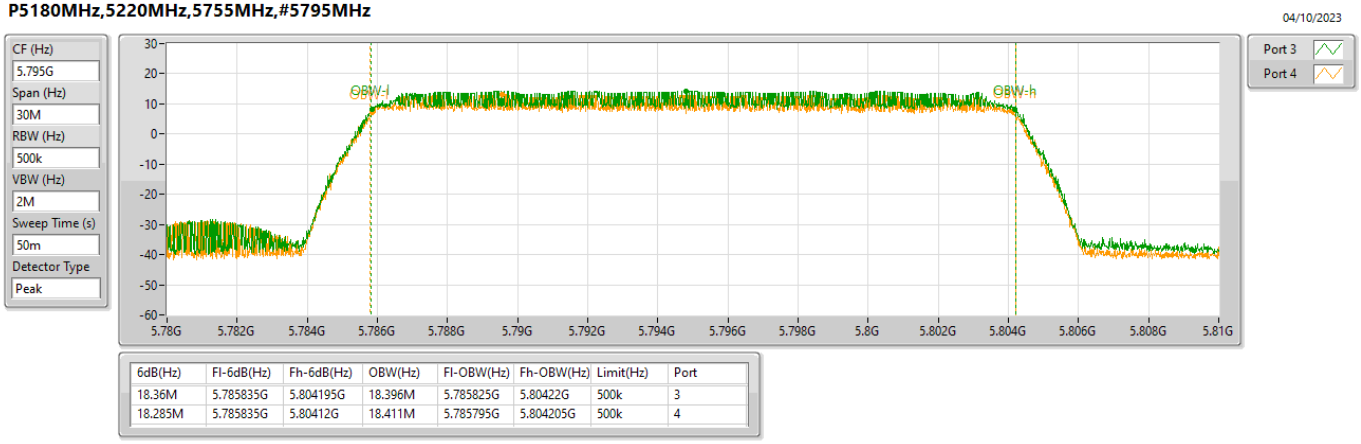
P5180MHz,5220MHz,#5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.172M	5.74492G	5.765092G	Inf	3
20.22M	5.744884G	5.765104G	Inf	4

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

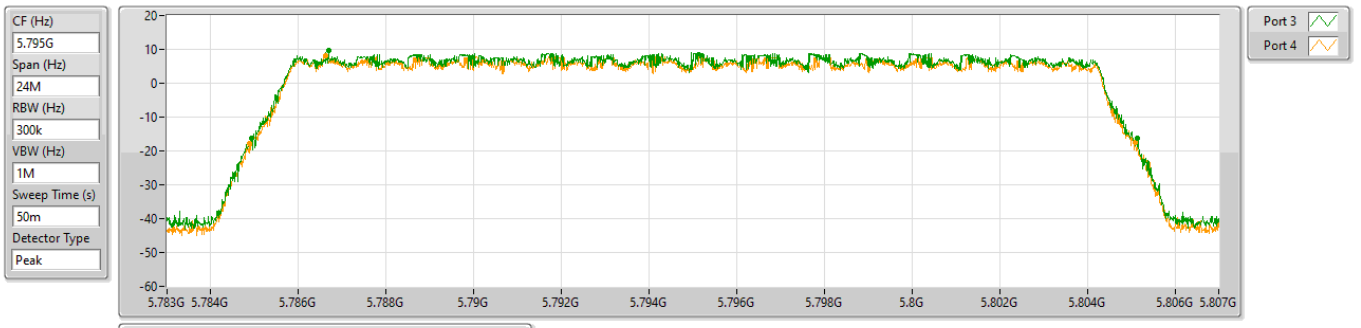
P5180MHz,5220MHz,5755MHz,#5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.36M	5.785835G	5.804195G	18.396M	5.785825G	5.80422G	500k	3
18.285M	5.785835G	5.80412G	18.411M	5.785795G	5.804205G	500k	4

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **EBW**

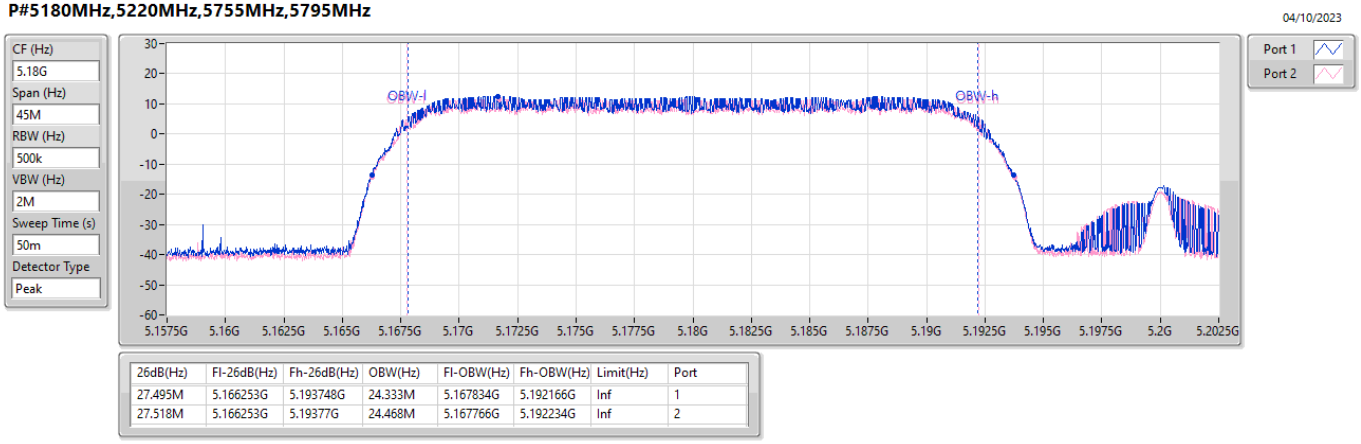
P5180MHz,5220MHz,5755MHz,#5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.22M	5.784932G	5.805152G	Inf	3
20.208M	5.784884G	5.805092G	Inf	4

5.15-5.25GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2) **EBW**

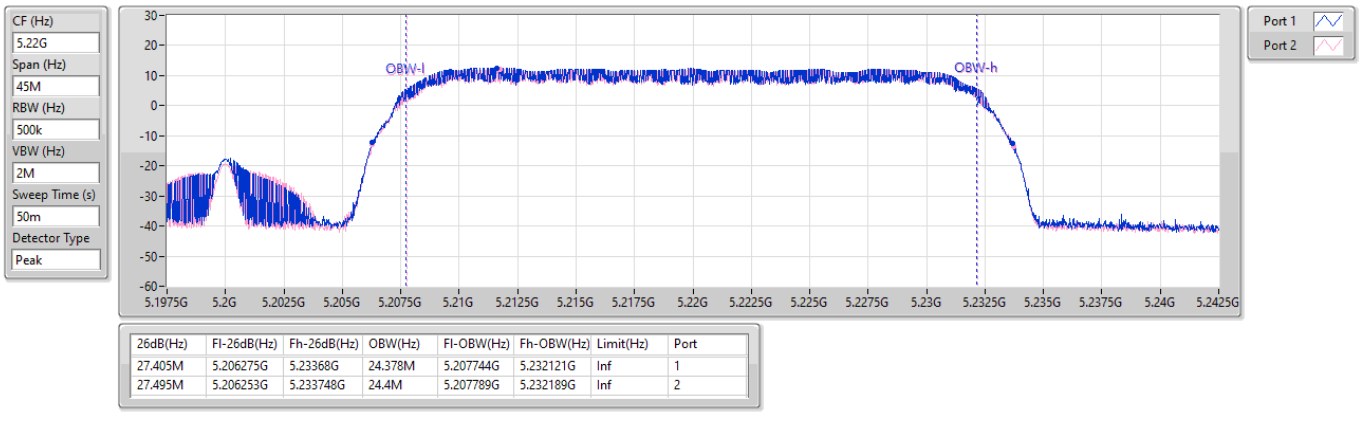
P#5180MHz,5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.495M	5.166253G	5.193748G	24.333M	5.167834G	5.192166G	Inf	1
27.518M	5.166253G	5.19377G	24.468M	5.167766G	5.192234G	Inf	2

5.15-5.25GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2) **EBW**

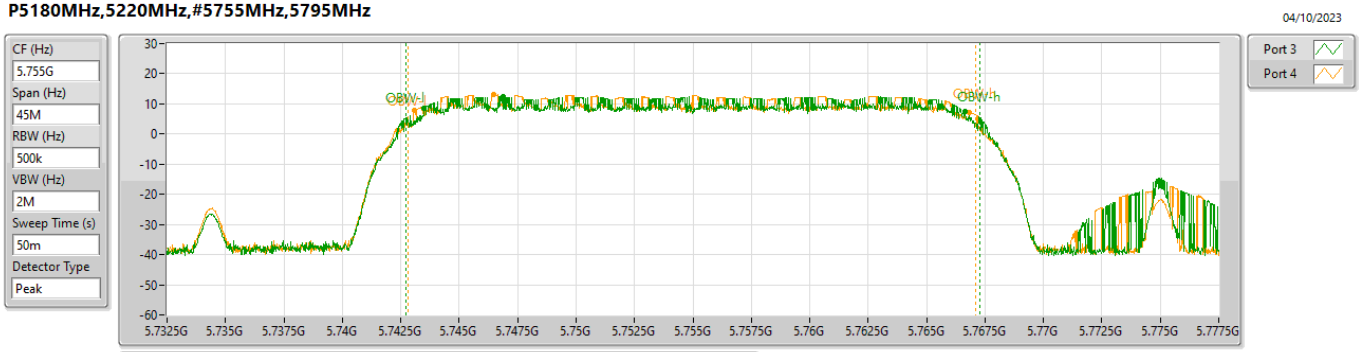
P5180MHz,#5220MHz,5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.405M	5.206275G	5.23368G	24.378M	5.207744G	5.232121G	Inf	1
27.495M	5.206253G	5.233748G	24.4M	5.207789G	5.232189G	Inf	2

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

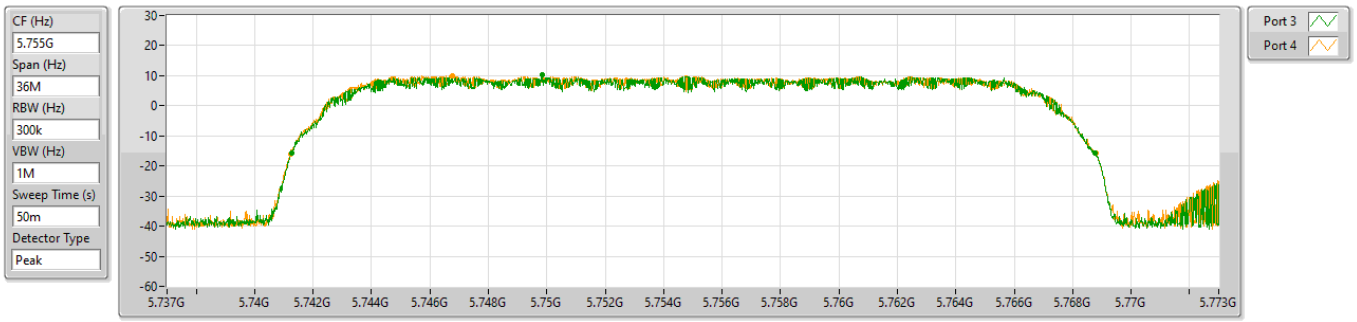
P5180MHz,5220MHz,#5755MHz,5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.153M	5.743503G	5.766655G	24.558M	5.742721G	5.767279G	500k	3
23.76M	5.743075G	5.766835G	24.288M	5.742811G	5.767099G	500k	4

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

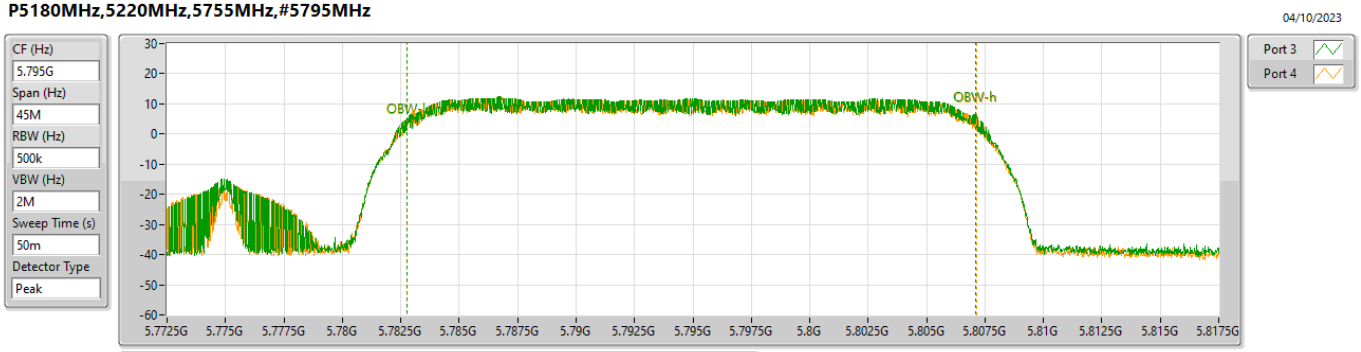
P5180MHz,5220MHz,#5755MHz,5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.486M	5.741266G	5.768752G	Inf	3
27.558M	5.74123G	5.768788G	Inf	4

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

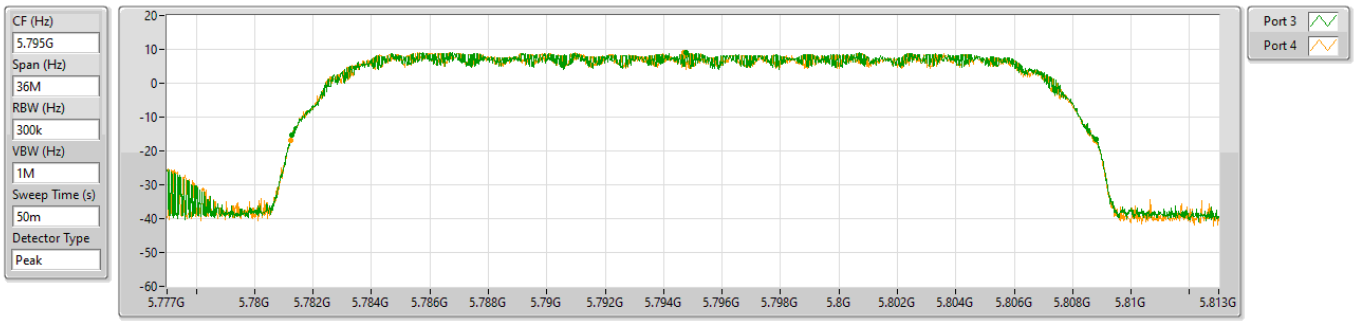
P5180MHz,5220MHz,5755MHz,#5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.098M	5.78294G	5.807038G	24.31M	5.782789G	5.807099G	500k	3
23.67M	5.78303G	5.8067G	24.333M	5.782789G	5.807121G	500k	4

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **EBW**

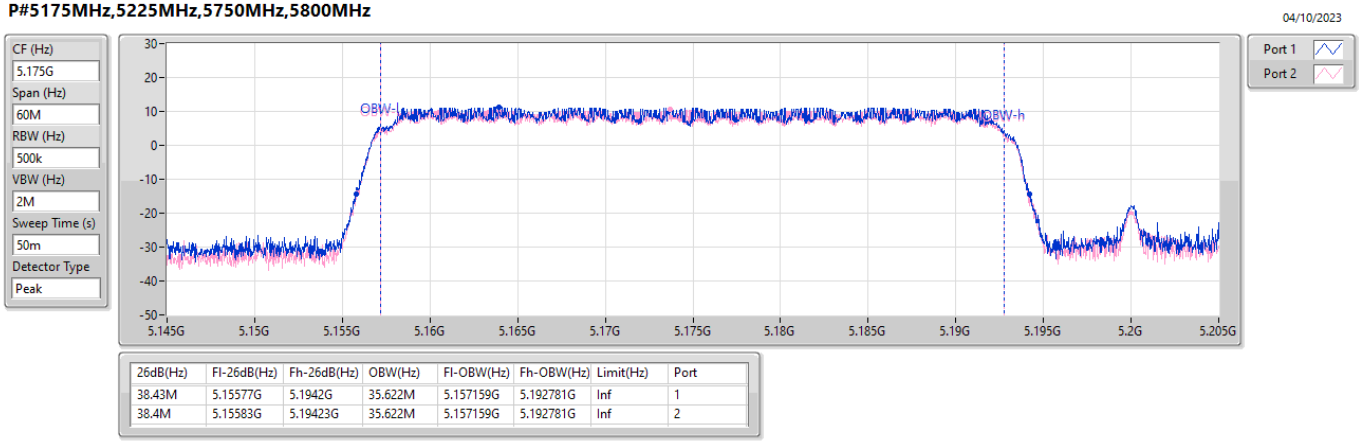
P5180MHz,5220MHz,5755MHz,#5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
27.54M	5.781266G	5.808806G	Inf	3
27.54M	5.78123G	5.80877G	Inf	4

5.15-5.25GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2) **EBW**

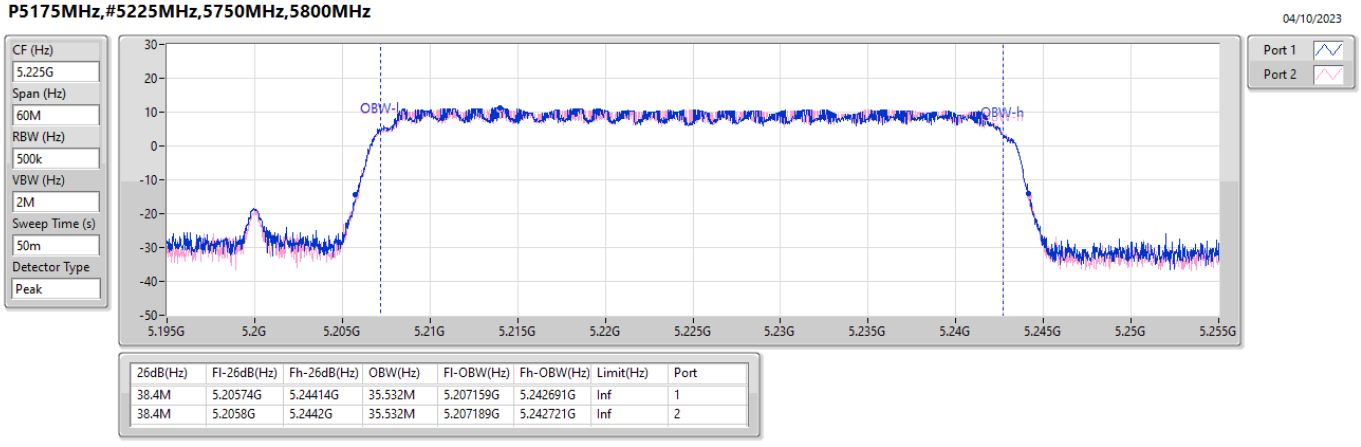
P#5175MHz,5225MHz,5750MHz,5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.43M	5.15577G	5.1942G	35.622M	5.157159G	5.192781G	Inf	1
38.4M	5.15583G	5.19423G	35.622M	5.157159G	5.192781G	Inf	2

5.15-5.25GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2) **EBW**

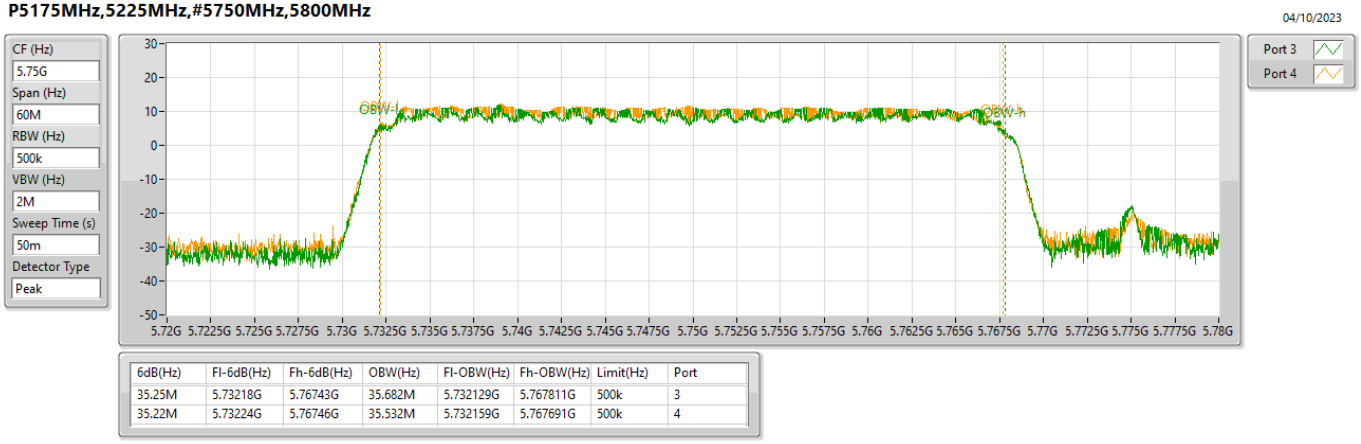
P5175MHz,#5225MHz,5750MHz,5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.4M	5.20574G	5.24414G	35.532M	5.207159G	5.242691G	Inf	1
38.4M	5.2058G	5.2442G	35.532M	5.207189G	5.242721G	Inf	2

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

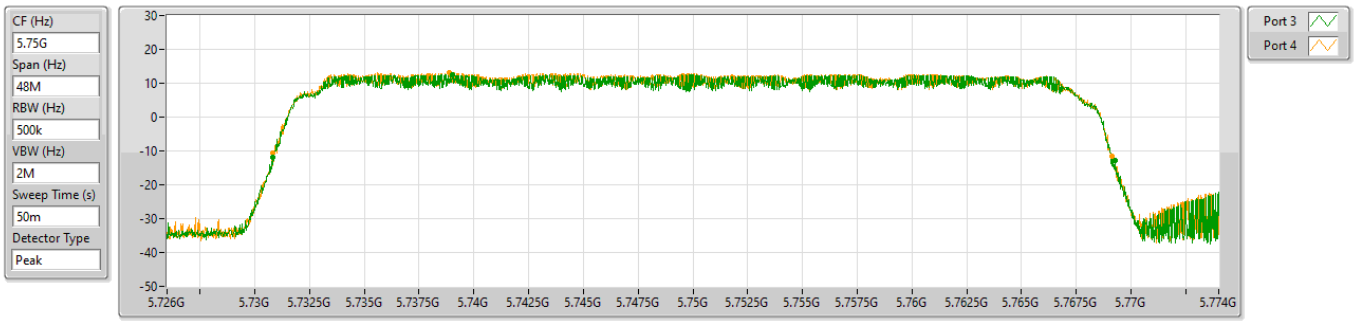
P5175MHz,5225MHz,#5750MHz,5800MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	5.73218G	5.76743G	35.682M	5.732129G	5.767811G	500k	3
35.22M	5.73224G	5.76746G	35.532M	5.732159G	5.767691G	500k	4

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

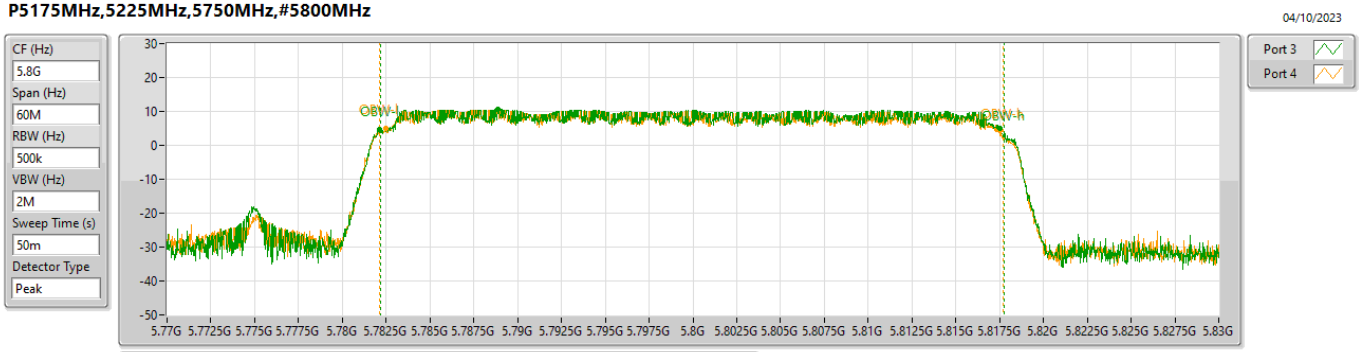
P5175MHz,5225MHz,#5750MHz,5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.496M	5.7308G	5.769296G	Inf	3
38.328M	5.7308G	5.769128G	Inf	4

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

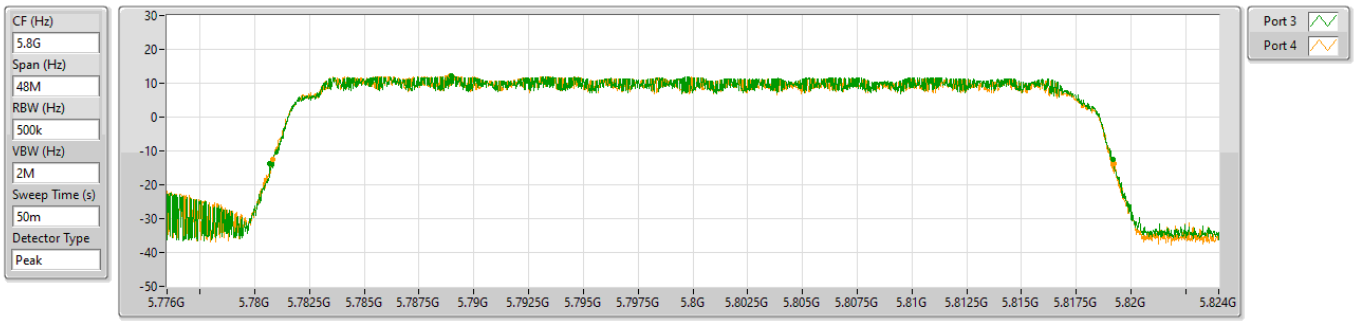
P5175MHz,5225MHz,5750MHz,#5800MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	5.78212G	5.81752G	35.592M	5.782159G	5.817751G	500k	3
35.01M	5.78248G	5.81749G	35.562M	5.782129G	5.817691G	500k	4

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **EBW**

P5175MHz,5225MHz,5750MHz,#5800MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.496M	5.78068G	5.819176G	Inf	3
38.376M	5.780824G	5.8192G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
QPSK5_5MHz_Nss1_2TX	23.20	0.20893
QPSK10_10MHz_Nss1_2TX	15.46	0.03516
QPSK15_15MHz_Nss1_2TX	20.30	0.10715
QPSK20_20MHz_Nss1_2TX	21.84	0.15276
QPSK30_30MHz_Nss1_2TX	19.28	0.08472
QPSK40_40MHz_Nss1_2TX	20.15	0.10351
5.725-5.85GHz	-	-
QPSK5_5MHz_Nss1_2TX	18.42	0.06950
QPSK10_10MHz_Nss1_2TX	22.24	0.16749
QPSK15_15MHz_Nss1_2TX	16.26	0.04227
QPSK20_20MHz_Nss1_2TX	20.67	0.11668
QPSK30_30MHz_Nss1_2TX	15.54	0.03581
QPSK40_40MHz_Nss1_2TX	21.58	0.14388

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5156MHz	Pass	21.893	8.75	8.05	11.42	30.00
5200MHz	Pass	21.893	20.47	19.88	23.20	30.00
5244MHz	Pass	21.893	16.66	15.76	19.24	30.00
5731MHz	Pass	21.922	15.27	15.54	18.42	30.00
5787MHz	Pass	21.922	15.16	14.05	17.65	30.00
5844MHz	Pass	21.922	14.26	12.67	16.55	30.00
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5155MHz	Pass	21.893	-11.65	-11.51	-8.57	30.00
5200MHz	Pass	21.893	12.73	12.15	15.46	30.00
5245MHz	Pass	21.893	10.72	9.80	13.29	30.00
5730MHz	Pass	21.922	15.14	15.59	18.38	30.00
5787MHz	Pass	21.922	19.30	19.15	22.24	30.00
5845MHz	Pass	21.922	5.38	3.74	7.65	30.00
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5158MHz	Pass	21.893	4.42	3.76	7.11	30.00
5200MHz	Pass	21.893	17.57	17.00	20.30	30.00
5242MHz	Pass	21.893	13.86	12.95	16.44	30.00
5733MHz	Pass	21.922	13.27	13.22	16.26	30.00
5787MHz	Pass	21.922	13.35	12.26	15.85	30.00
5842MHz	Pass	21.922	11.72	10.11	14.00	30.00
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5160MHz	Pass	21.893	-11.44	-11.35	-8.38	30.00
5200MHz	Pass	21.893	19.10	18.54	21.84	30.00
5240MHz	Pass	21.893	16.23	15.31	18.80	30.00
5735MHz	Pass	21.922	17.39	17.92	20.67	30.00
5785MHz	Pass	21.922	15.36	14.41	17.92	30.00
5840MHz	Pass	21.922	12.82	11.61	15.27	30.00
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5165MHz	Pass	21.893	5.46	4.91	8.20	30.00
5200MHz	Pass	21.893	16.54	15.98	19.28	30.00
5235MHz	Pass	21.893	14.04	13.12	16.61	30.00
5740MHz	Pass	21.922	12.35	12.70	15.54	30.00
5787MHz	Pass	21.922	12.16	11.04	14.65	30.00
5835MHz	Pass	21.922	11.46	9.82	13.73	30.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5170MHz	Pass	21.893	0.86	0.37	3.63	30.00
5200MHz	Pass	21.893	15.88	15.32	18.62	30.00
5230MHz	Pass	21.893	17.56	16.67	20.15	30.00
5745MHz	Pass	21.922	16.34	16.82	19.60	30.00
5775MHz	Pass	21.922	15.30	14.60	17.97	30.00
5830MHz	Pass	21.922	18.97	18.12	21.58	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	11.66	0.01466
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	10.15	0.01035
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	12.23	0.01671
5.725-5.85GHz	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	12.80	0.01905
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	11.27	0.01340
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	13.24	0.02109

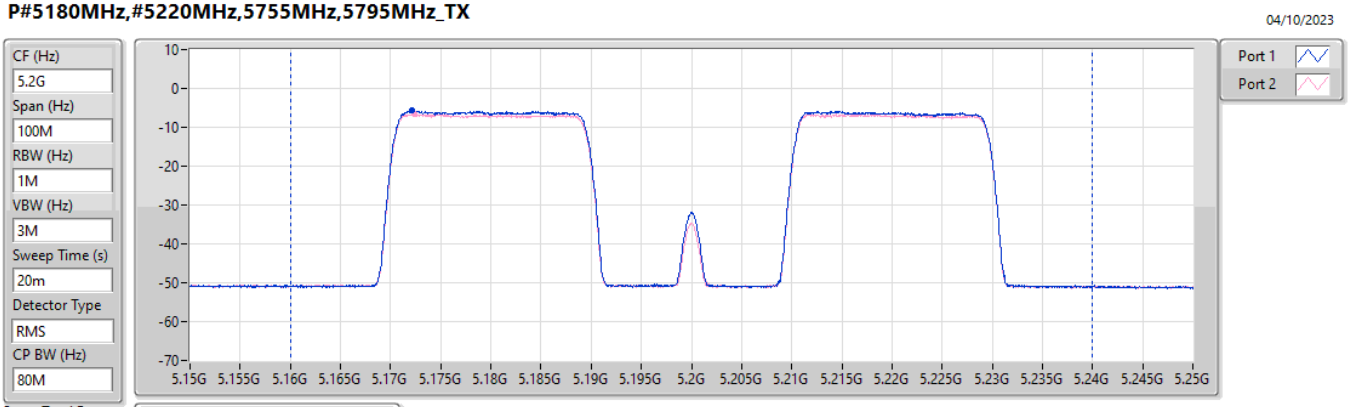
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	Pass	21.893	8.99	8.28	-	-	11.66	30.00
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	Pass	21.922	-	-	9.61	9.97	12.80	30.00
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	Pass	21.893	7.49	6.76	-	-	10.15	30.00
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	Pass	21.922	-	-	8.07	8.44	11.27	30.00
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-
P#5175MHz,#5225MHz,5750MHz,5800MHz	Pass	21.893	9.56	8.84	-	-	12.23	30.00
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-
P5175MHz,5225MHz,#5750MHz,#5800MHz	Pass	21.922	-	-	10.13	10.33	13.24	30.00

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

5.15-5.25GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2) **AV Power**

P#5180MHz,#5220MHz,5755MHz,5795MHz_TX

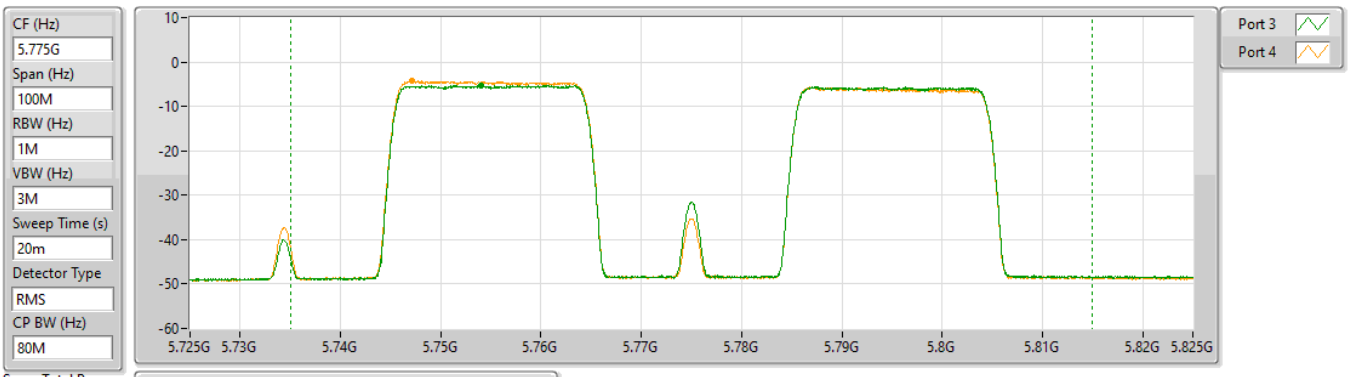


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
11.66	8.99	8.28

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **AV Power**

P5180MHz,5220MHz,#5755MHz,#5795MHz_TX

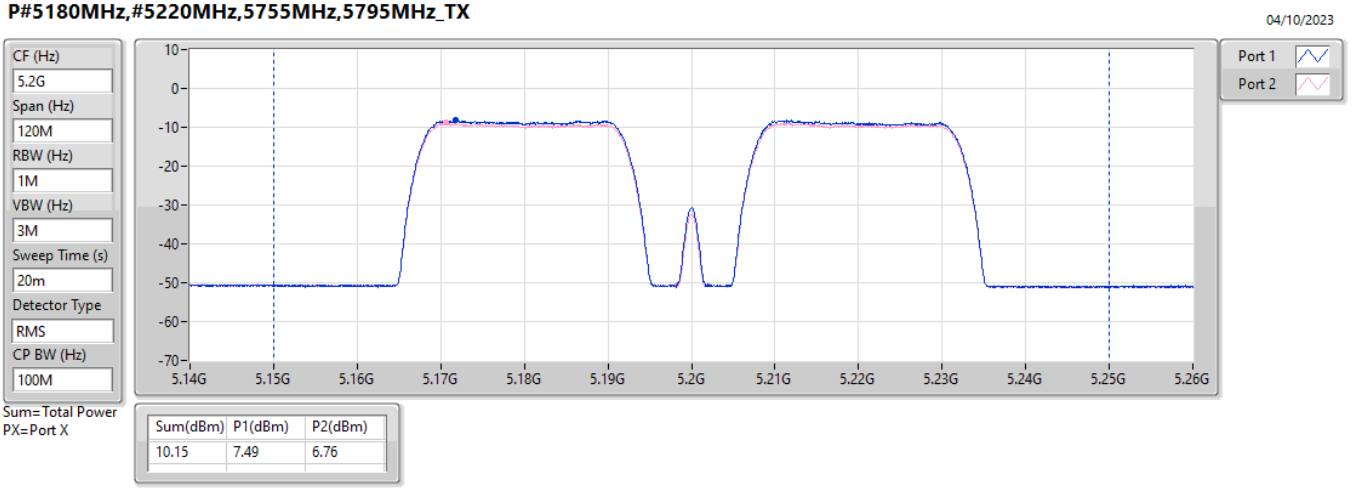


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.80	-	-	9.61	9.97

5.15-5.25GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2) **AV Power**

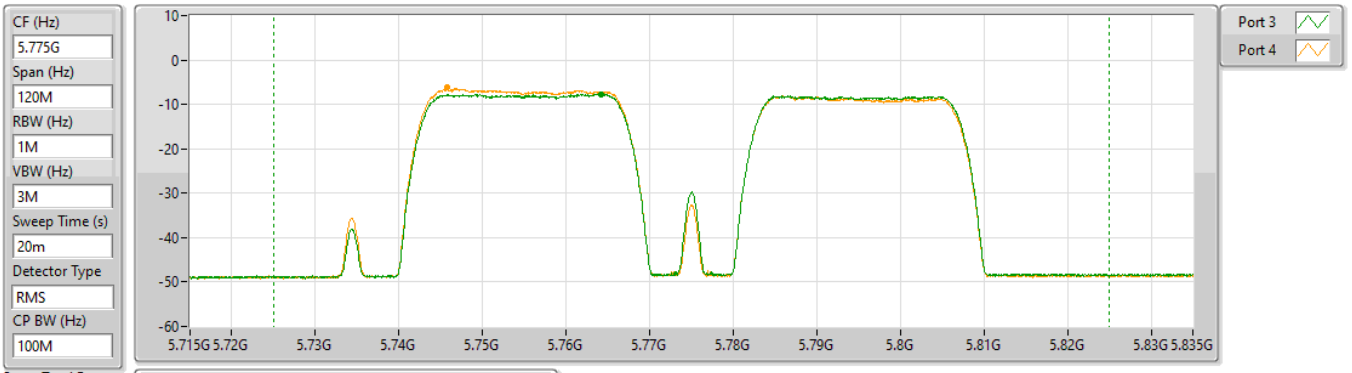
P#5180MHz,#5220MHz,5755MHz,5795MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
10.15	7.49	6.76

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **AV Power**

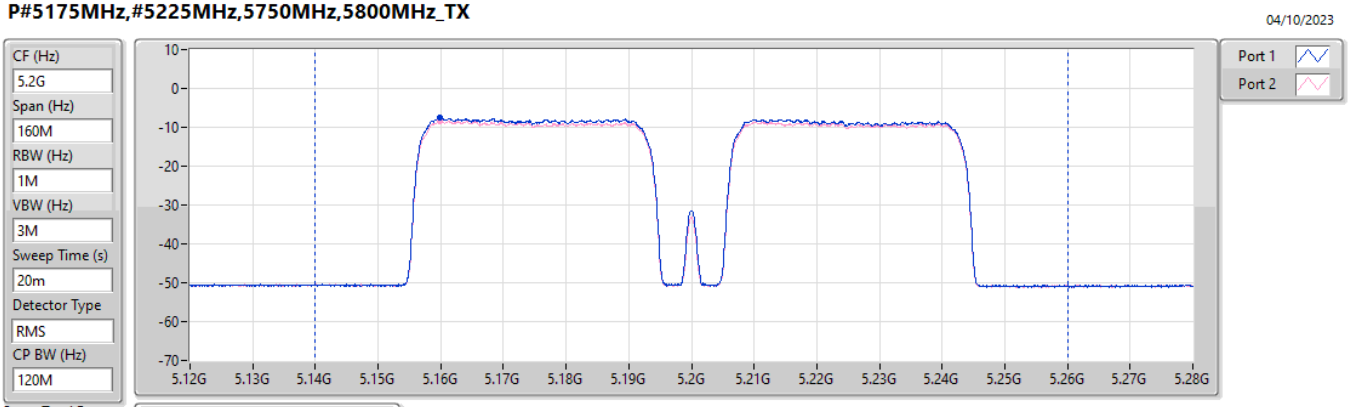
P5180MHz,5220MHz,#5755MHz,#5795MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.27	-	-	8.07	8.44

5.15-5.25GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2) **AV Power**

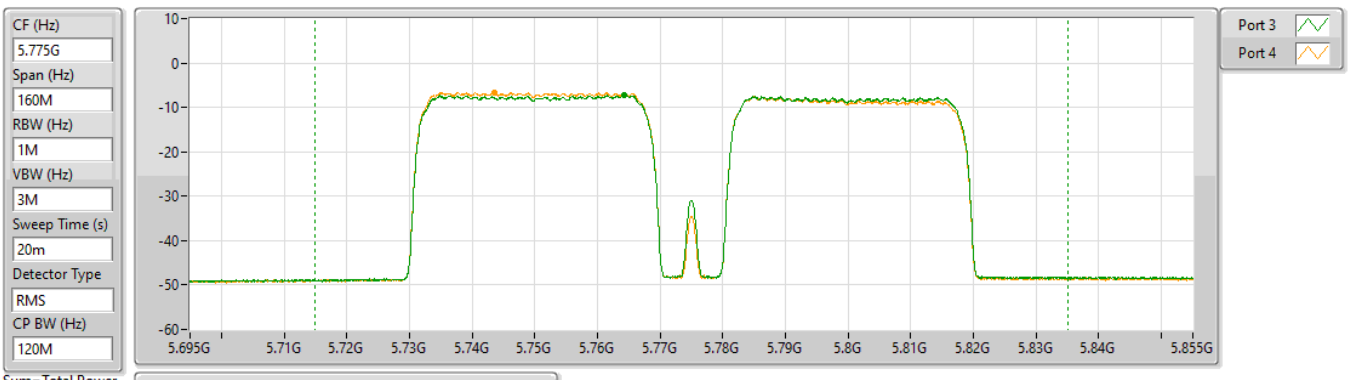
P#5175MHz,#5225MHz,5750MHz,5800MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
12.23	9.56	8.84

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **AV Power**

P5175MHz,5225MHz,#5750MHz,#5800MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.24	-	-	10.13	10.33

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
QPSK5_5MHz_Nss1_2TX	24.48	0.28054
QPSK10_10MHz_Nss1_2TX	27.32	0.53951
QPSK15_15MHz_Nss1_2TX	28.55	0.71614
QPSK20_20MHz_Nss1_2TX	29.81	0.95719
QPSK30_30MHz_Nss1_2TX	29.83	0.96161
QPSK40_40MHz_Nss1_2TX	28.43	0.69663
5.725-5.85GHz	-	-
QPSK5_5MHz_Nss1_2TX	29.92	0.98175
QPSK10_10MHz_Nss1_2TX	29.97	0.99312
QPSK15_15MHz_Nss1_2TX	29.78	0.95060
QPSK20_20MHz_Nss1_2TX	29.97	0.99312
QPSK30_30MHz_Nss1_2TX	29.98	0.99541
QPSK40_40MHz_Nss1_2TX	29.96	0.99083

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5156MHz	Pass	4.70	21.60	21.33	24.48	30.00
5200MHz	Pass	4.70	21.47	21.19	24.34	30.00
5244MHz	Pass	4.70	21.38	20.81	24.11	30.00
5731MHz	Pass	3.20	26.37	27.09	29.76	30.00
5787MHz	Pass	3.20	26.99	26.82	29.92	30.00
5844MHz	Pass	3.20	27.22	26.56	29.91	30.00
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5155MHz	Pass	4.70	5.75	5.43	8.60	30.00
5200MHz	Pass	4.70	24.46	24.15	27.32	30.00
5245MHz	Pass	4.70	24.60	23.88	27.27	30.00
5730MHz	Pass	3.20	26.62	27.03	29.84	30.00
5787MHz	Pass	3.20	26.75	26.60	29.69	30.00
5845MHz	Pass	3.20	27.23	26.67	29.97	30.00
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5158MHz	Pass	4.70	20.50	20.22	23.37	30.00
5200MHz	Pass	4.70	25.68	25.40	28.55	30.00
5242MHz	Pass	4.70	25.75	24.99	28.40	30.00
5733MHz	Pass	3.20	26.47	26.99	29.75	30.00
5787MHz	Pass	3.20	26.82	26.67	29.76	30.00
5842MHz	Pass	3.20	27.07	26.45	29.78	30.00
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5160MHz	Pass	4.70	8.09	7.87	10.99	30.00
5200MHz	Pass	4.70	26.96	26.63	29.81	30.00
5240MHz	Pass	4.70	27.02	25.57	29.37	30.00
5735MHz	Pass	3.20	26.86	27.06	29.97	30.00
5785MHz	Pass	3.20	26.98	26.86	29.93	30.00
5840MHz	Pass	3.20	27.12	26.42	29.79	30.00
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5165MHz	Pass	4.70	21.34	21.30	24.33	30.00
5200MHz	Pass	4.70	26.11	25.83	28.98	30.00
5235MHz	Pass	4.70	27.10	26.51	29.83	30.00
5740MHz	Pass	3.20	26.71	27.22	29.98	30.00
5787MHz	Pass	3.20	26.77	26.65	29.72	30.00
5835MHz	Pass	3.20	27.14	26.48	29.83	30.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5170MHz	Pass	4.70	22.31	22.36	25.35	30.00
5200MHz	Pass	4.70	23.84	23.60	26.73	30.00
5230MHz	Pass	4.70	25.69	25.13	28.43	30.00
5745MHz	Pass	3.20	26.75	26.80	29.79	30.00
5775MHz	Pass	3.20	26.88	27.01	29.96	30.00
5830MHz	Pass	3.20	26.56	25.72	29.17	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	21.81	0.15171
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	22.13	0.16331
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	23.71	0.23496
5.725-5.85GHz	-	-
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	22.22	0.16672
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	22.22	0.16672
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	23.86	0.24322

Result

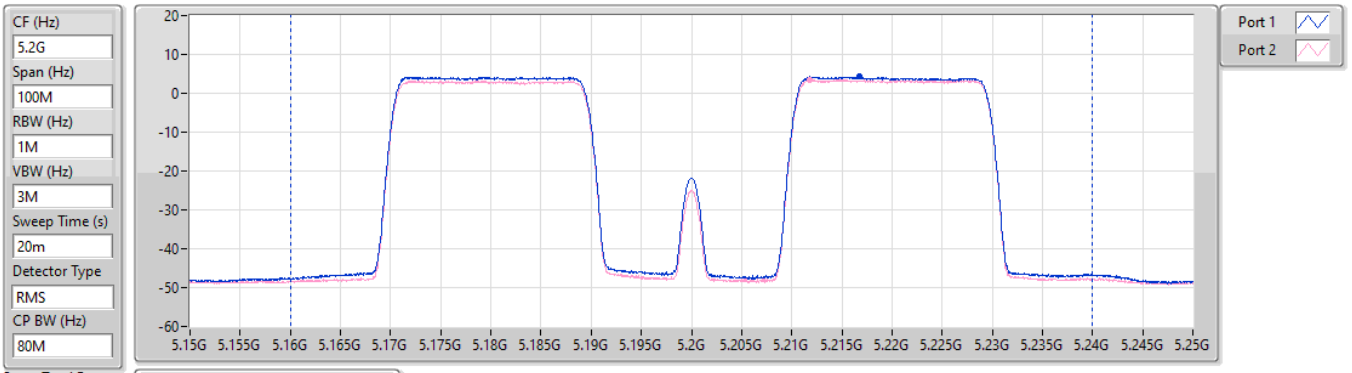
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	Pass	4.70	19.20	18.35	-	-	21.81	30.00
QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	Pass	3.20	-	-	19.51	18.88	22.22	30.00
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-
P#5180MHz,#5220MHz,5755MHz,5795MHz	Pass	4.70	19.36	18.87	-	-	22.13	30.00
QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-
P5180MHz,5220MHz,#5755MHz,#5795MHz	Pass	3.20	-	-	19.12	19.29	22.22	30.00
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2)	-	-	-	-	-	-	-	-
P#5175MHz,#5225MHz,5750MHz,5800MHz	Pass	4.70	20.90	20.49	-	-	23.71	30.00
QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4)	-	-	-	-	-	-	-	-
P5175MHz,5225MHz,#5750MHz,#5800MHz	Pass	3.20	-	-	20.75	20.94	23.86	30.00

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

5.15-5.25GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port1&Port2) **AV Power**

P#5180MHz,#5220MHz,5755MHz,5795MHz_TX

04/10/2023

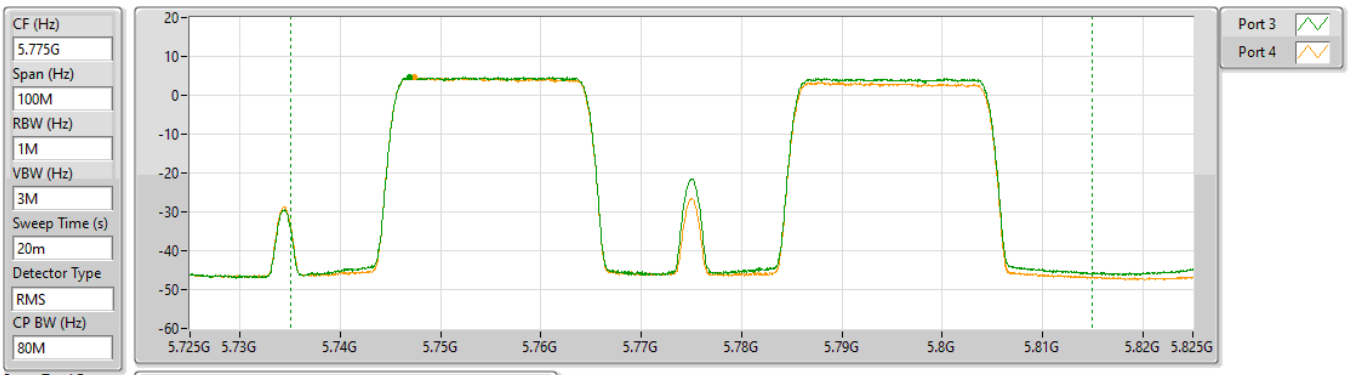


Sum(dBm)	P1(dBm)	P2(dBm)
21.81	19.20	18.35

5.725-5.85GHz_QPSK20+20_20MHz+20MHz_Nss1_2TX(Port3&Port4) **AV Power**

P5180MHz,5220MHz,#5755MHz,#5795MHz_TX

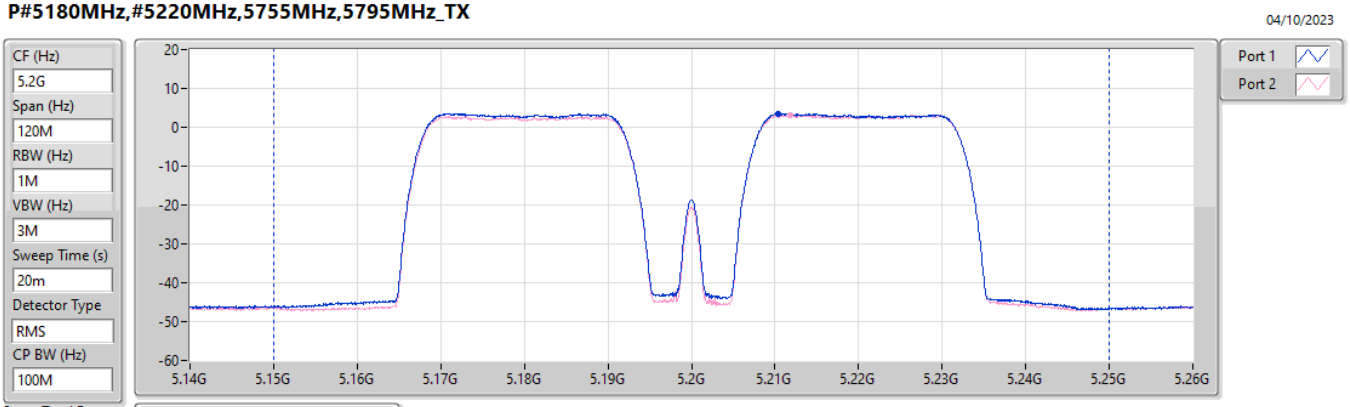
04/10/2023



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.22	-	-	19.51	18.88

5.15-5.25GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port1&Port2) **AV Power**

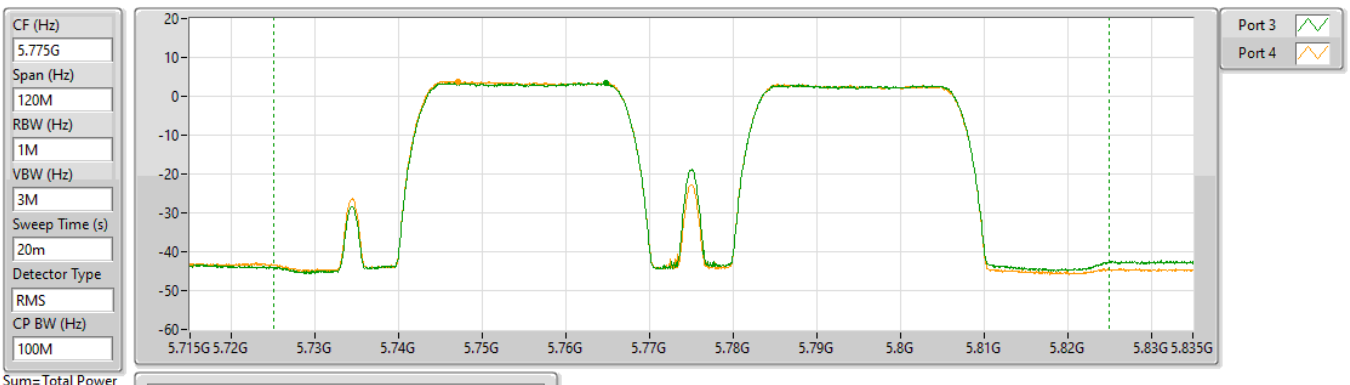
P#5180MHz,#5220MHz,5755MHz,5795MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.13	19.36	18.87

5.725-5.85GHz_QPSK30+30_30MHz+30MHz_Nss1_2TX(Port3&Port4) **AV Power**

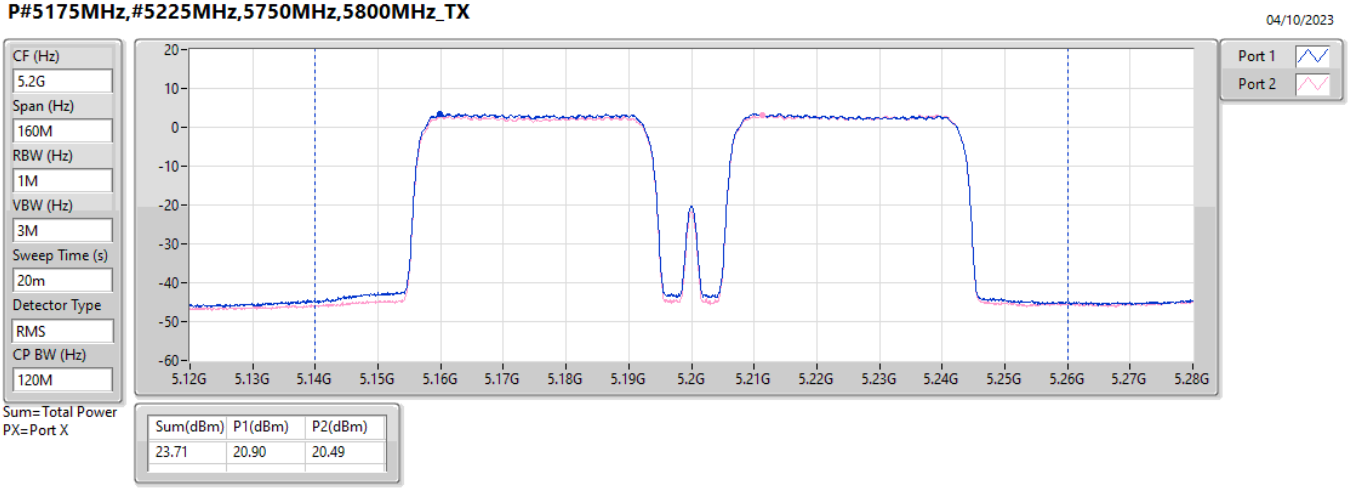
P5180MHz,5220MHz,#5755MHz,#5795MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.22	-	-	19.12	19.29

5.15-5.25GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port1&Port2) **AV Power**

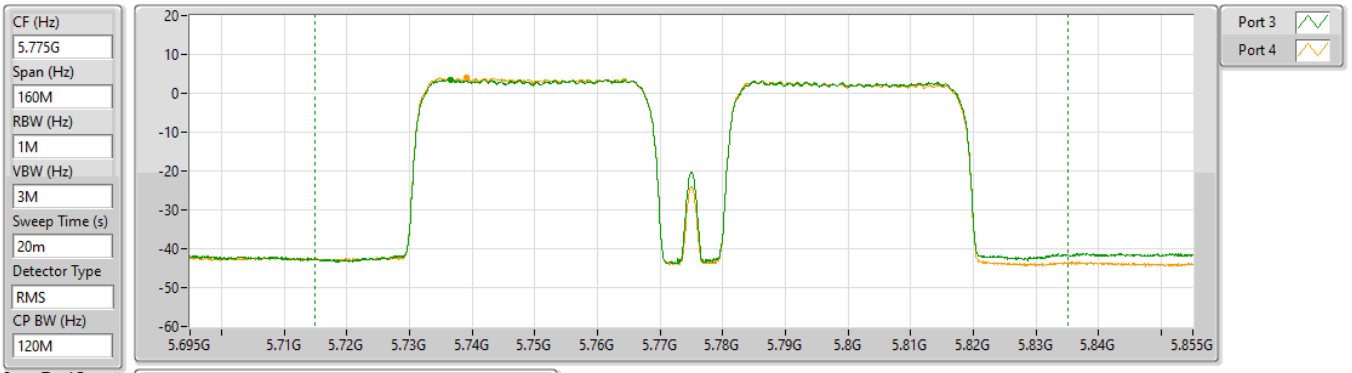
P#5175MHz,#5225MHz,5750MHz,5800MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
23.71	20.90	20.49

5.725-5.85GHz_QPSK40+40_40MHz+40MHz_Nss1_2TX(Port3&Port4) **AV Power**

P5175MHz,5225MHz,#5750MHz,#5800MHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.86	-	-	20.75	20.94

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
QPSK5_5MHz_Nss1_2TX	15.88
QPSK10_10MHz_Nss1_2TX	5.11
QPSK15_15MHz_Nss1_2TX	8.79
QPSK20_20MHz_Nss1_2TX	8.73
QPSK30_30MHz_Nss1_2TX	5.44
QPSK40_40MHz_Nss1_2TX	6.13
5.725-5.85GHz	-
QPSK5_5MHz_Nss1_2TX	9.43
QPSK10_10MHz_Nss1_2TX	10.34
QPSK15_15MHz_Nss1_2TX	2.93
QPSK20_20MHz_Nss1_2TX	5.75
QPSK30_30MHz_Nss1_2TX	0.19
QPSK40_40MHz_Nss1_2TX	5.15

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

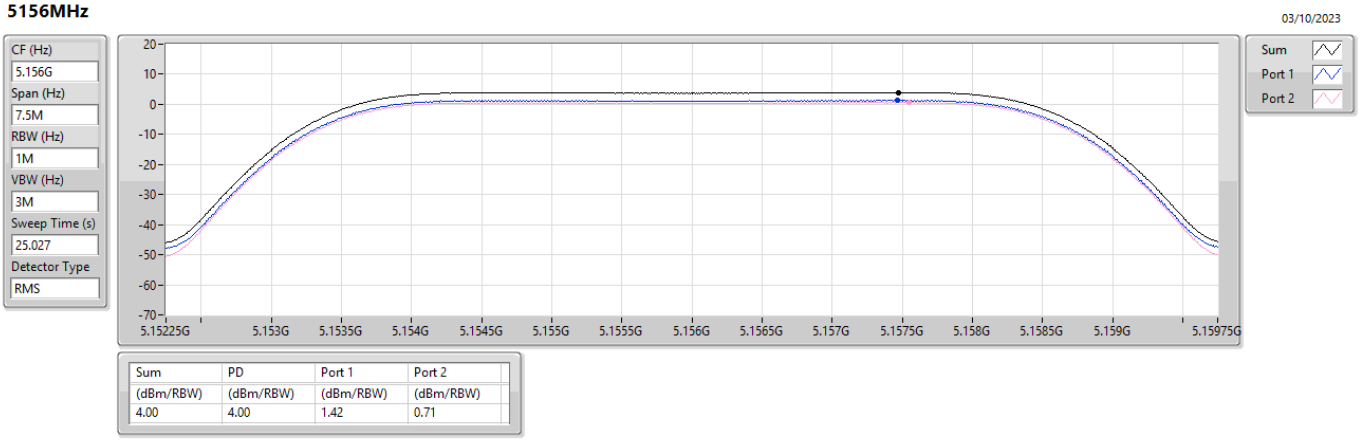
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5156MHz	Pass	21.893	1.42	0.71	4.00	17.00
5200MHz	Pass	21.893	13.15	12.64	15.88	17.00
5244MHz	Pass	21.893	9.39	8.53	11.89	17.00
5731MHz	Pass	21.922	6.36	6.66	9.43	14.08
5787MHz	Pass	21.922	6.34	5.28	8.80	14.08
5844MHz	Pass	21.922	5.50	3.84	7.71	14.08
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5155MHz	Pass	21.893	-28.11	-29.02	-25.57	17.00
5200MHz	Pass	21.893	2.40	1.88	5.11	17.00
5245MHz	Pass	21.893	0.48	-0.43	3.02	17.00
5730MHz	Pass	21.922	3.16	3.63	6.36	14.08
5787MHz	Pass	21.922	7.38	7.31	10.34	14.08
5845MHz	Pass	21.922	-6.43	-8.11	-4.21	14.08
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5158MHz	Pass	21.893	-7.02	-7.59	-4.32	17.00
5200MHz	Pass	21.893	6.06	5.56	8.79	17.00
5242MHz	Pass	21.893	2.50	1.61	5.01	17.00
5733MHz	Pass	21.922	-0.02	-0.10	2.93	14.08
5787MHz	Pass	21.922	0.11	-0.92	2.60	14.08
5842MHz	Pass	21.922	-1.22	-2.86	1.05	14.08
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5160MHz	Pass	21.893	-29.57	-30.33	-27.00	17.00
5200MHz	Pass	21.893	5.93	5.50	8.73	17.00
5240MHz	Pass	21.893	3.51	2.61	6.08	17.00
5735MHz	Pass	21.922	2.58	2.96	5.75	14.08
5785MHz	Pass	21.922	0.77	0.01	3.36	14.08
5840MHz	Pass	21.922	-1.94	-2.92	0.59	14.08
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5165MHz	Pass	21.893	-8.01	-8.44	-5.29	17.00
5200MHz	Pass	21.893	2.68	2.21	5.44	17.00
5235MHz	Pass	21.893	0.81	-0.12	3.32	17.00
5740MHz	Pass	21.922	-2.83	-2.53	0.19	14.08
5787MHz	Pass	21.922	-3.00	-3.86	-0.40	14.08
5835MHz	Pass	21.922	-3.61	-5.19	-1.39	14.08
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5170MHz	Pass	21.893	-13.72	-14.06	-10.92	17.00
5200MHz	Pass	21.893	0.64	0.23	3.38	17.00
5230MHz	Pass	21.893	3.62	2.70	6.13	17.00
5745MHz	Pass	21.922	-0.32	-0.07	2.74	14.08
5775MHz	Pass	21.922	-1.23	-1.52	1.59	14.08
5830MHz	Pass	21.922	2.52	1.73	5.15	14.08

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **PSD**

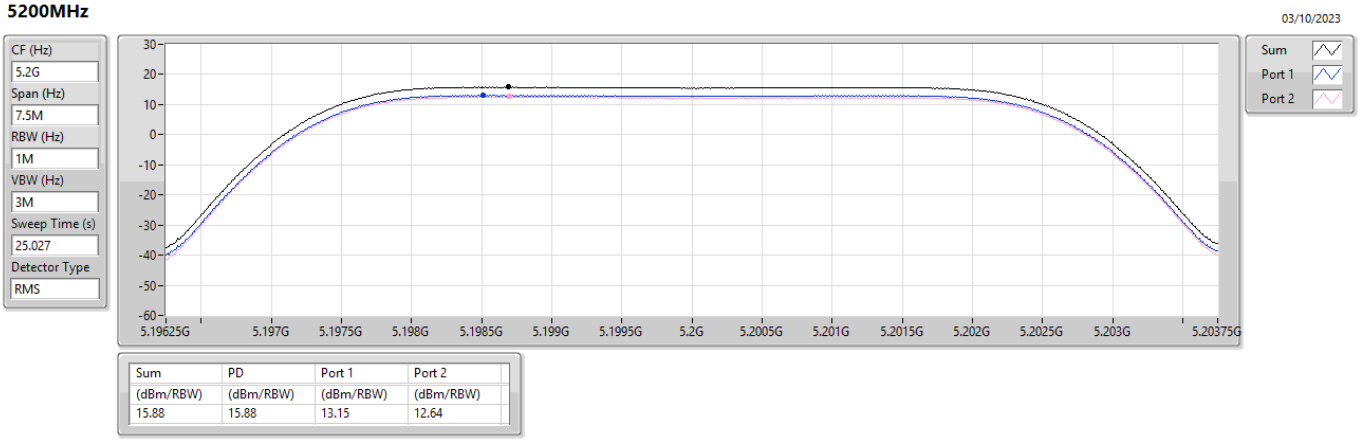
5156MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	1.42	0.71

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **PSD**

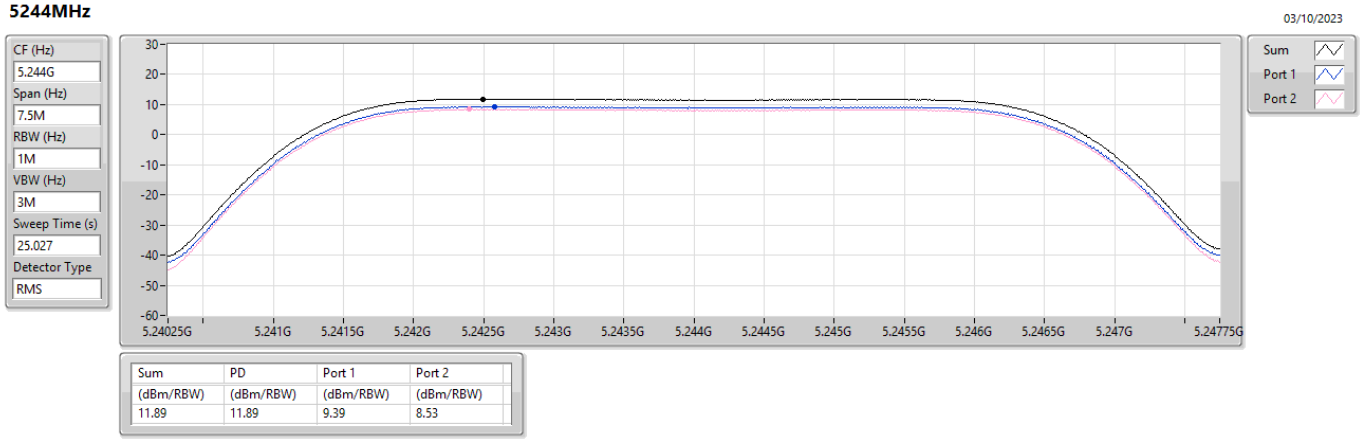
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.88	15.88	13.15	12.64

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX **PSD**

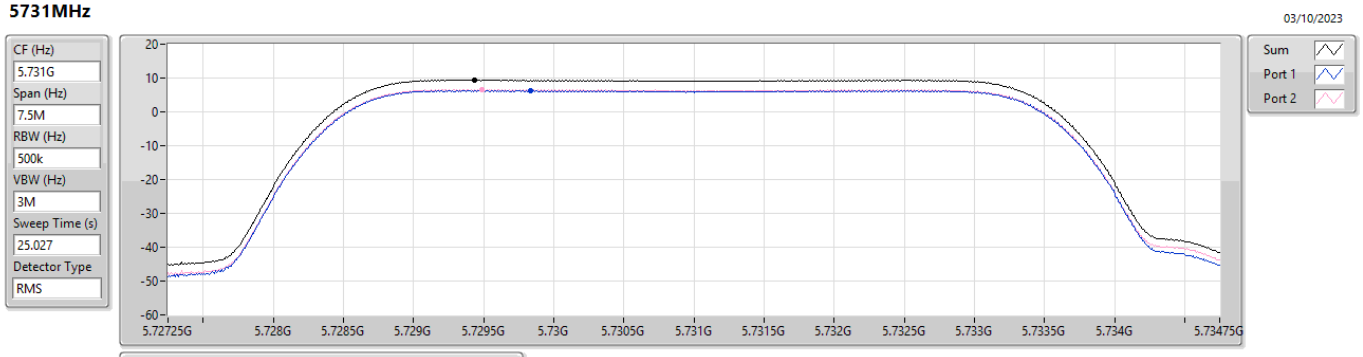
5244MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.89	11.89	9.39	8.53

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX **PSD**

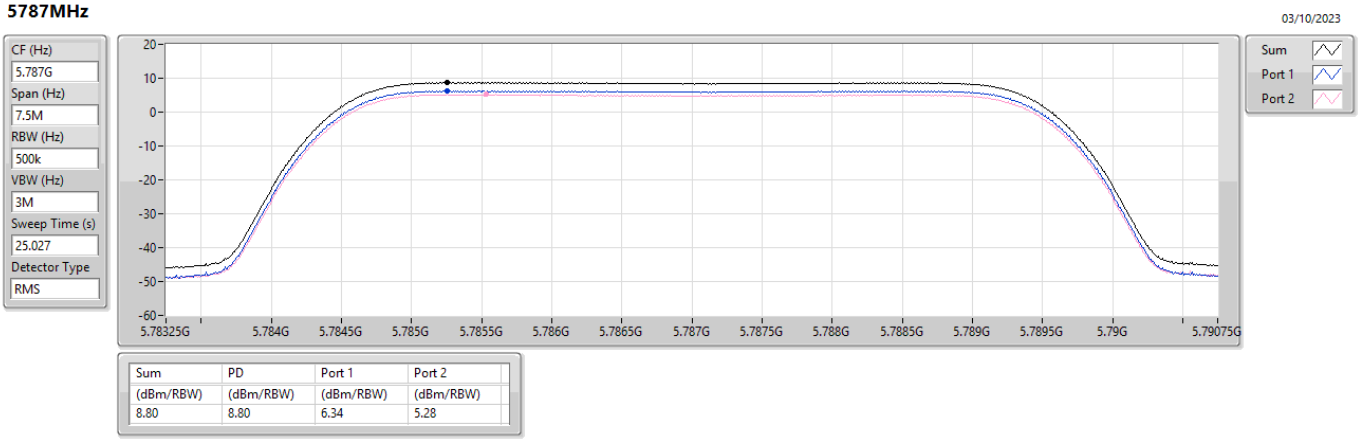
5731MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.43	9.43	6.36	6.66

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX PSD

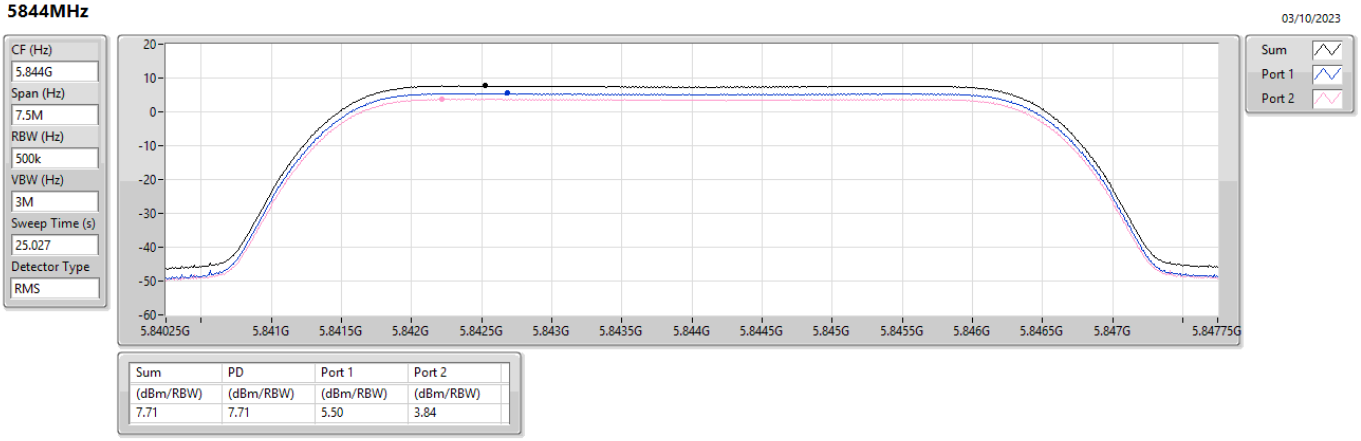
5787MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	6.34	5.28

5.725-5.85GHz_QPSK5_5MHz_Nss1_2TX PSD

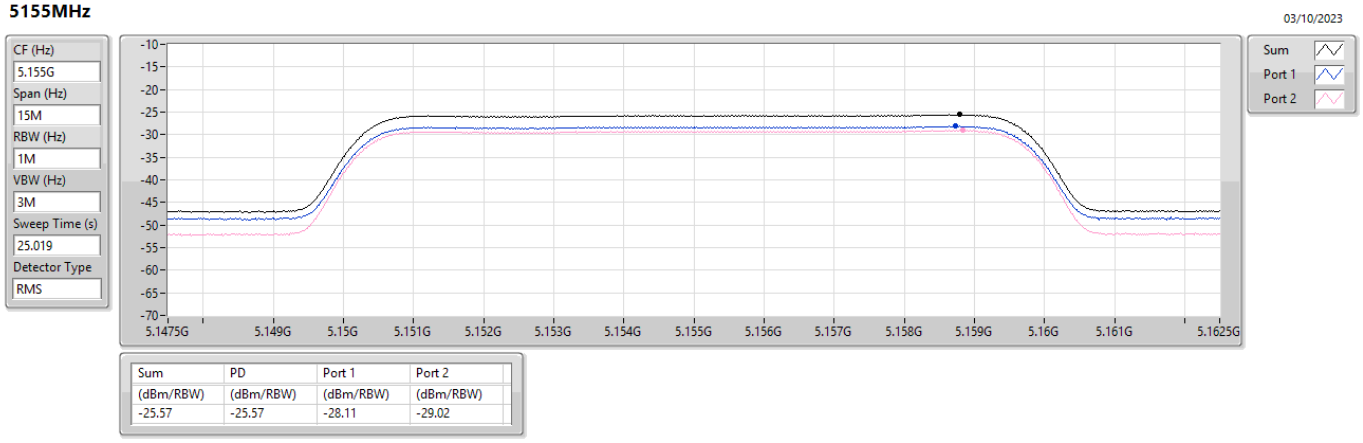
5844MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	5.50	3.84

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **PSD**

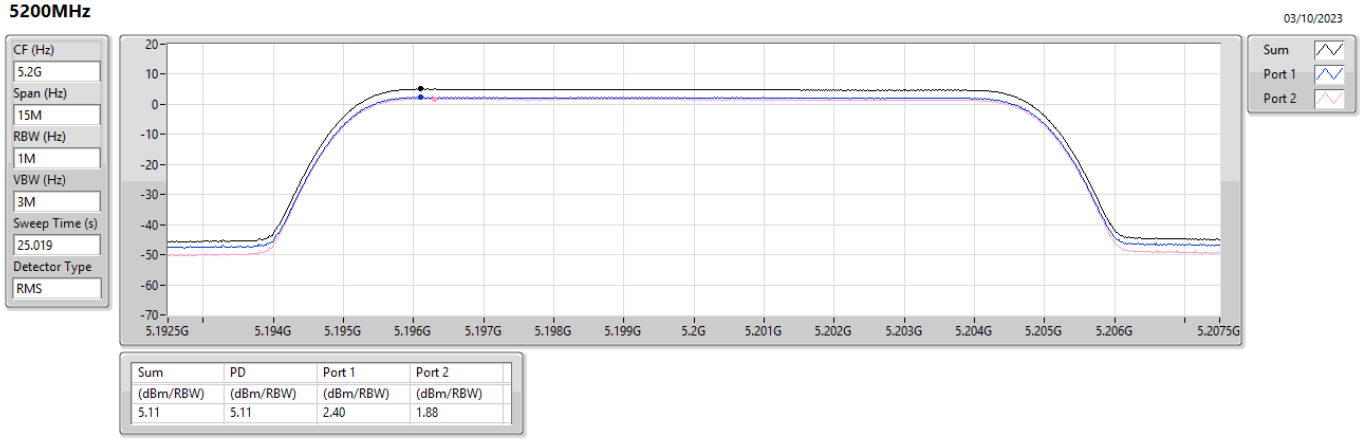
5155MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-25.57	-25.57	-28.11	-29.02

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **PSD**

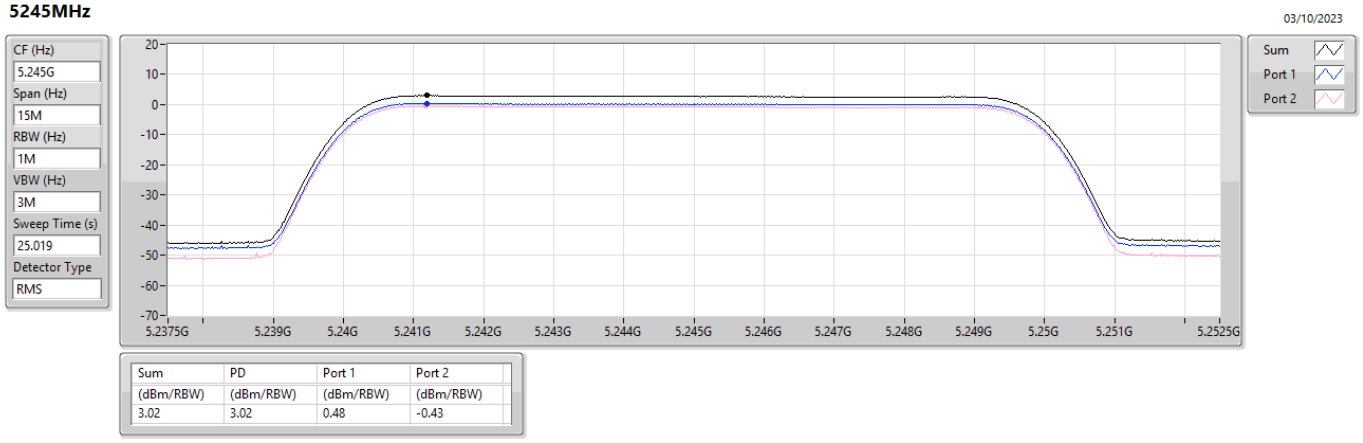
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.11	5.11	2.40	1.88

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX **PSD**

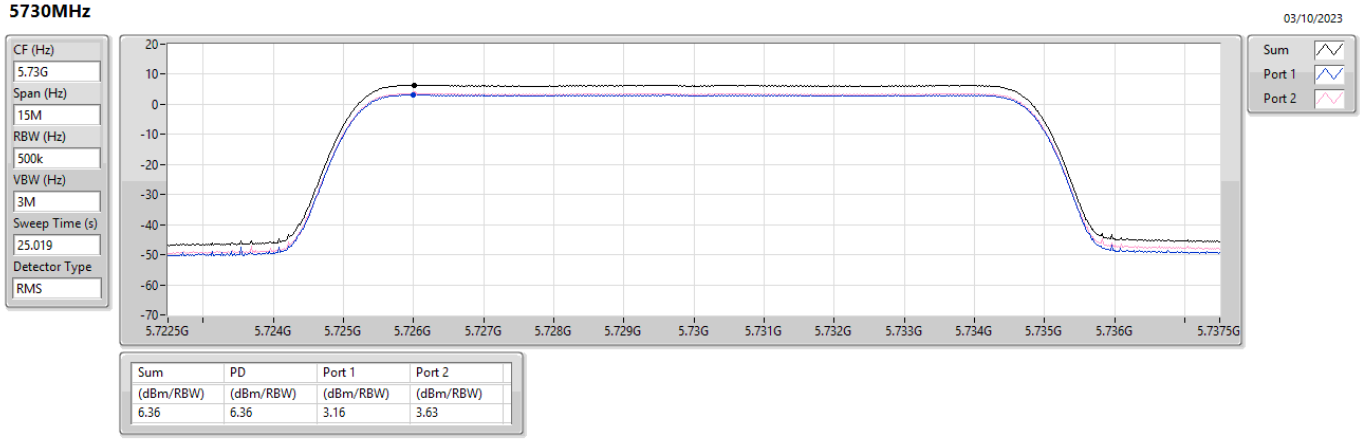
5245MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	0.48	-0.43

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **PSD**

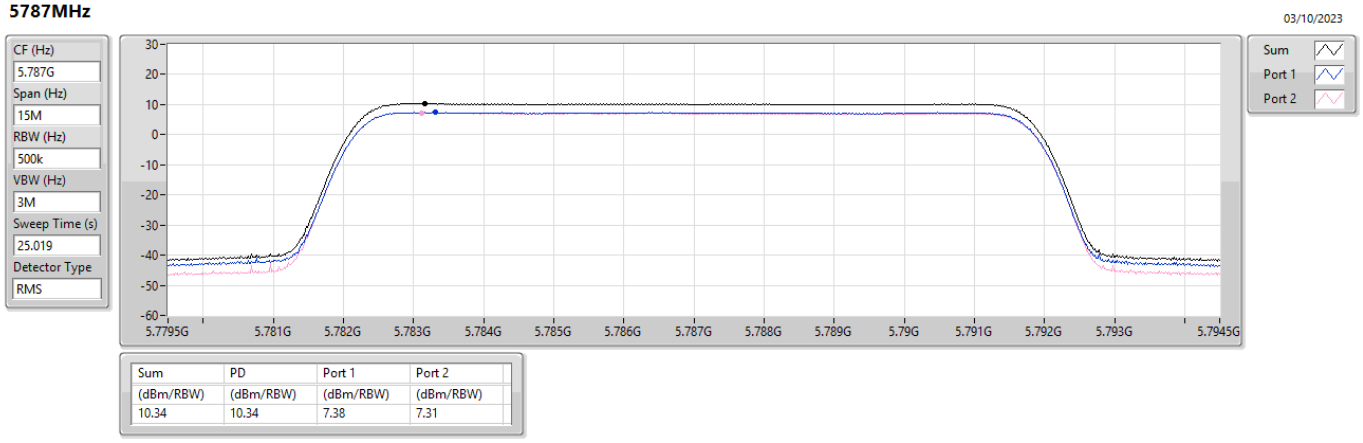
5730MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	3.16	3.63

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **PSD**

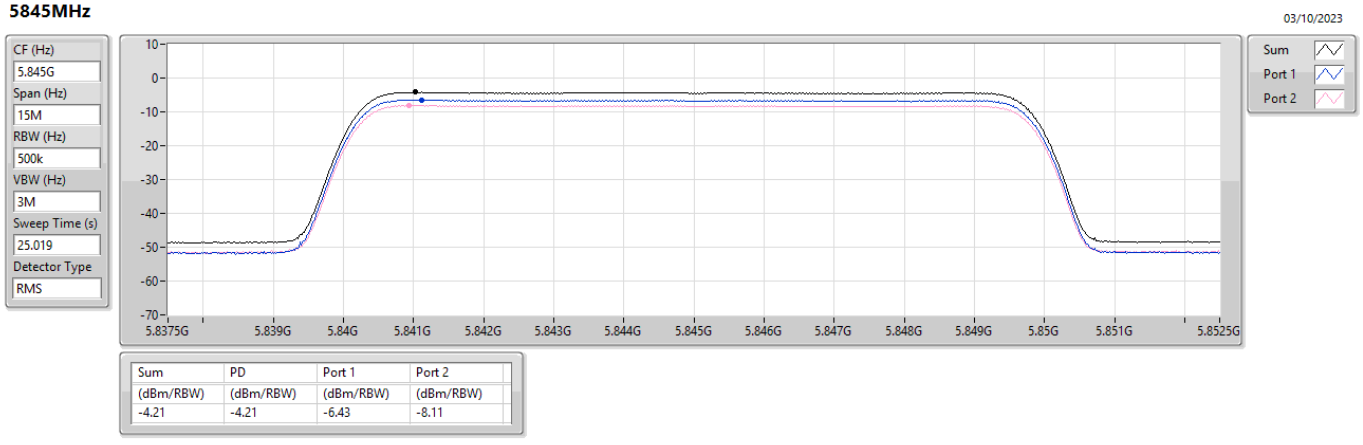
5787MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	7.38	7.31

5.725-5.85GHz_QPSK10_10MHz_Nss1_2TX **PSD**

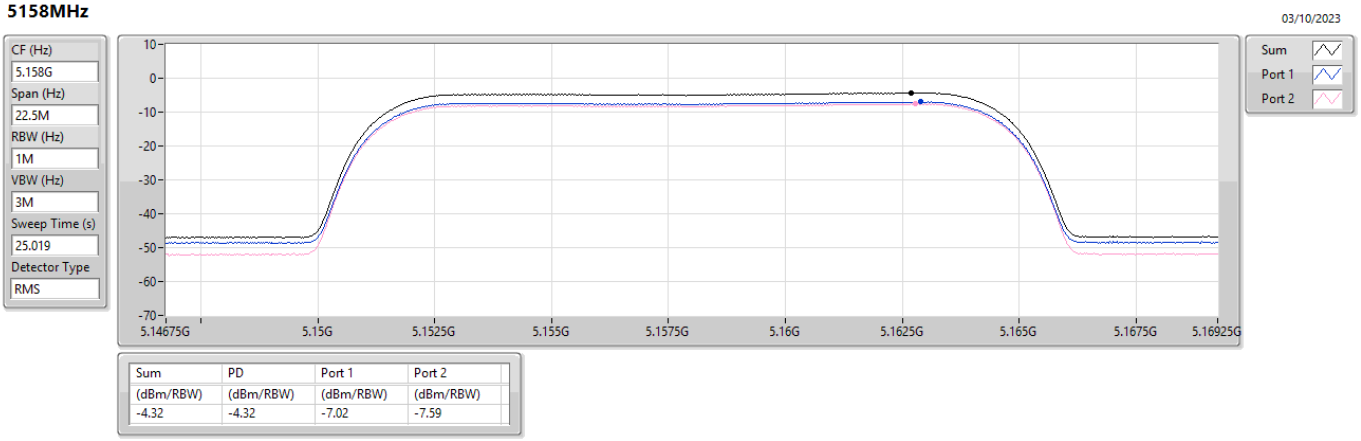
5845MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.21	-4.21	-6.43	-8.11

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **PSD**

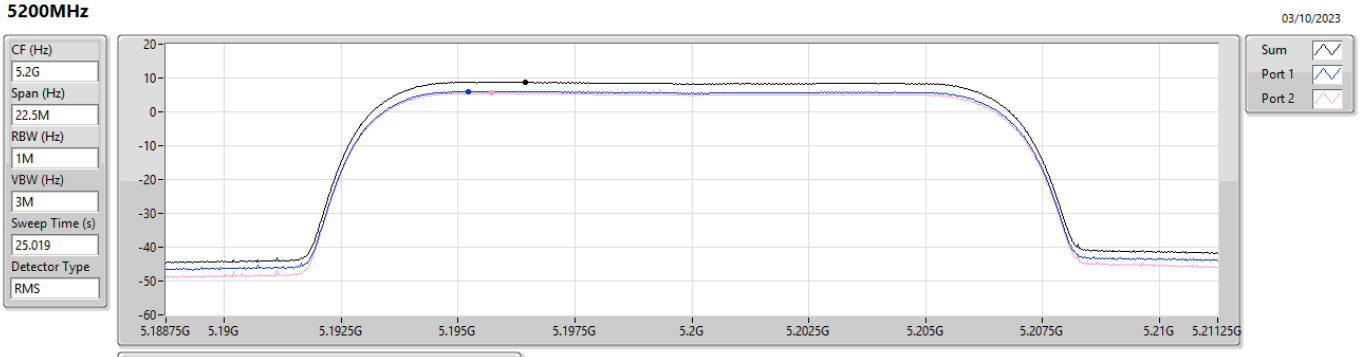
5158MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.32	-4.32	-7.02	-7.59

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **PSD**

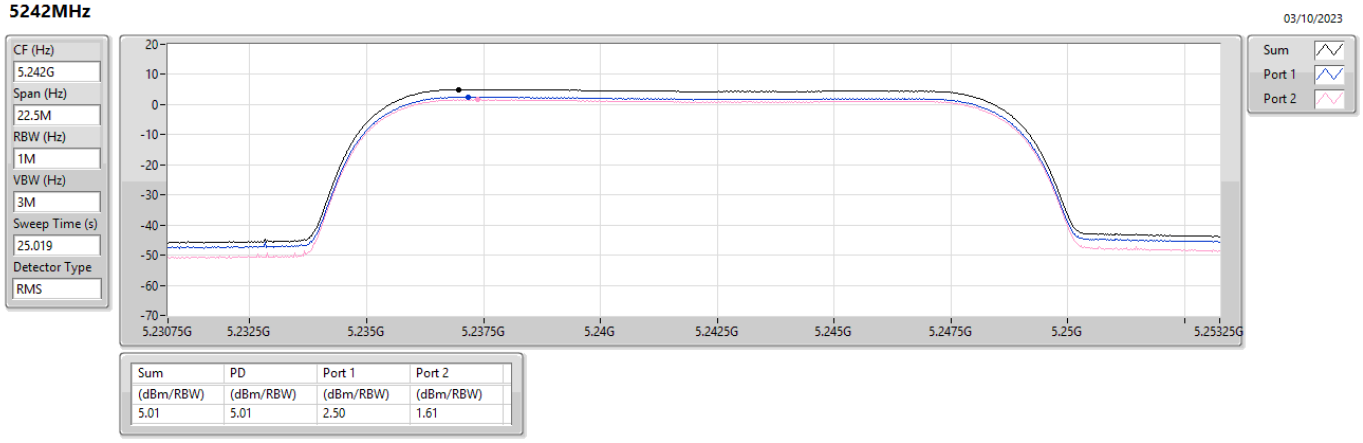
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	6.06	5.56

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX **PSD**

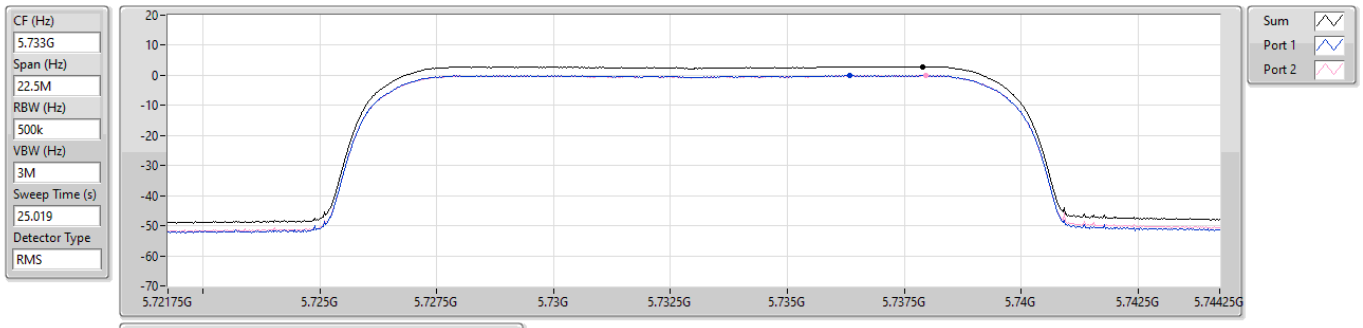
5242MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	2.50	1.61

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **PSD**

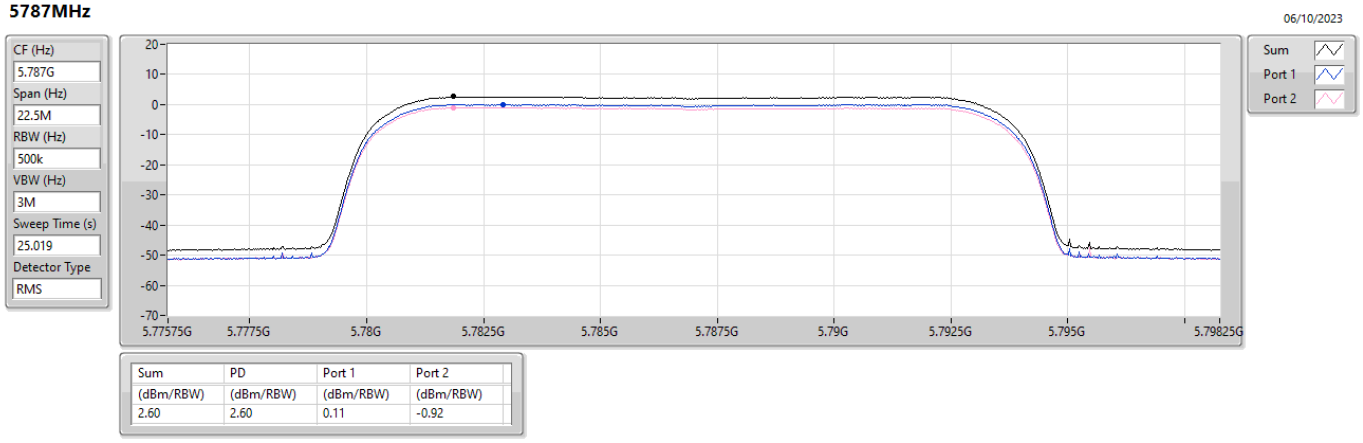
5733MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.93	2.93	-0.02	-0.10

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **PSD**

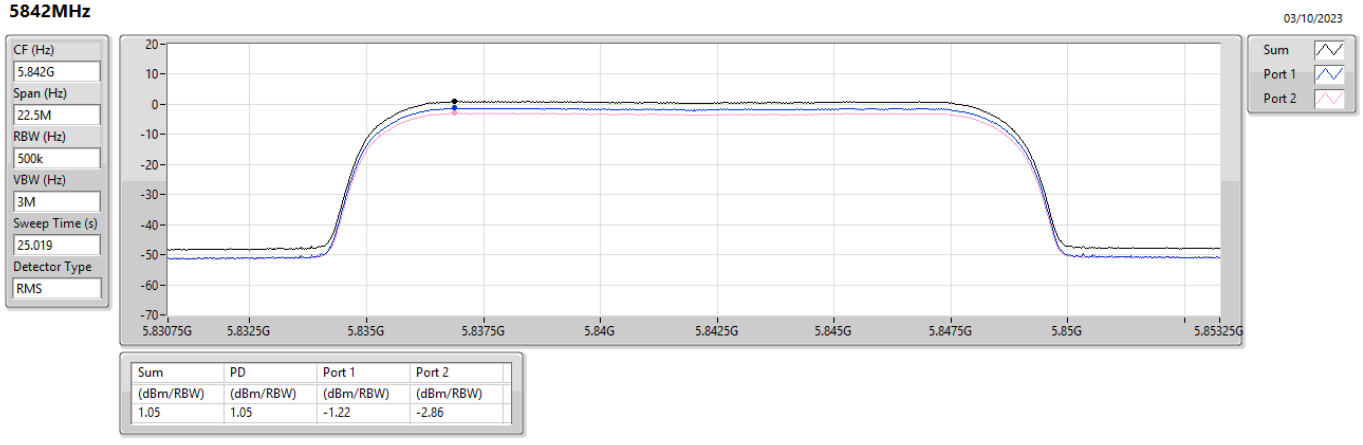
5787MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.60	2.60	0.11	-0.92

5.725-5.85GHz_QPSK15_15MHz_Nss1_2TX **PSD**

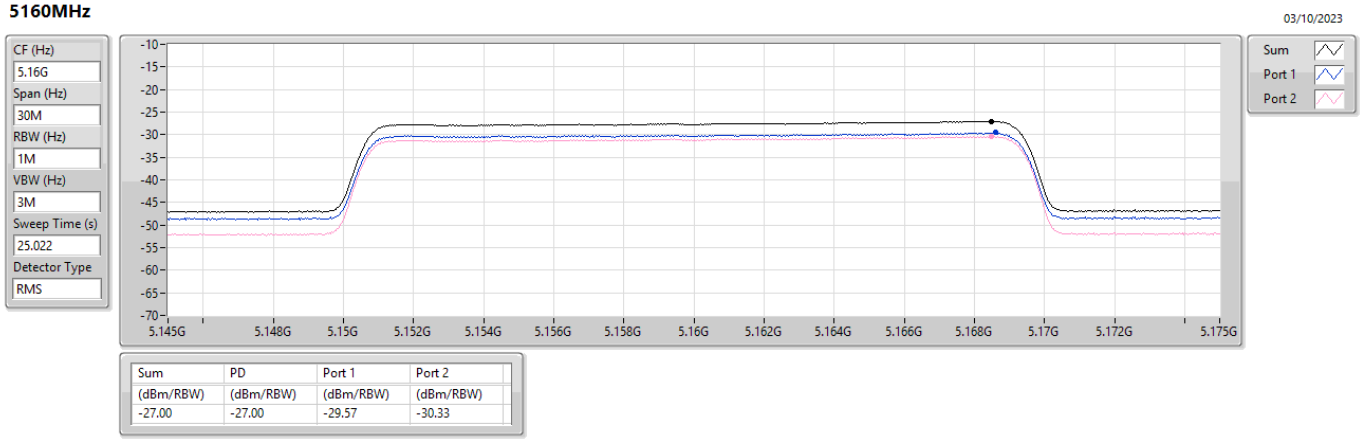
5842MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.05	1.05	-1.22	-2.86

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **PSD**

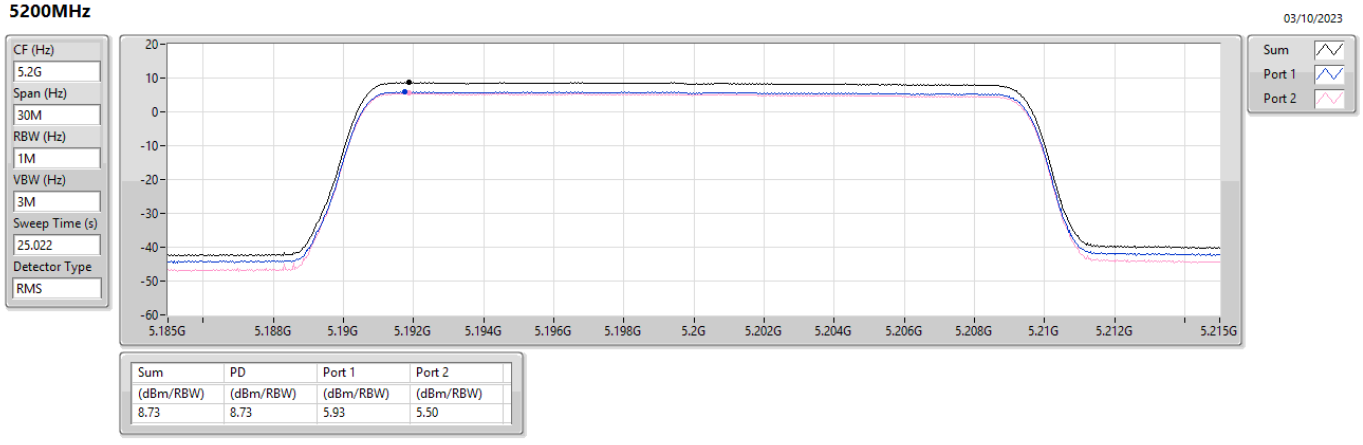
5160MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-27.00	-27.00	-29.57	-30.33

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **PSD**

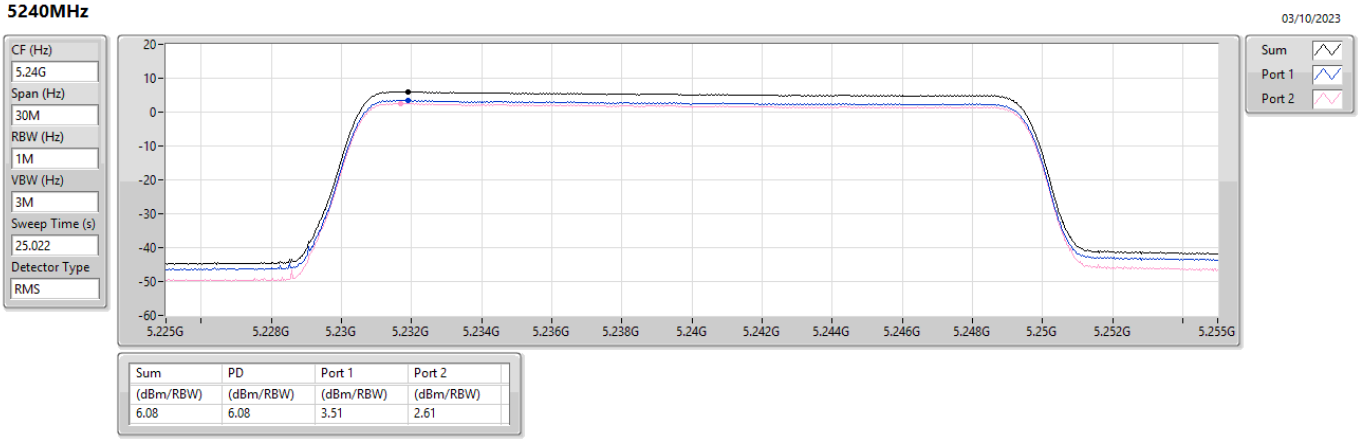
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	5.93	5.50

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX **PSD**

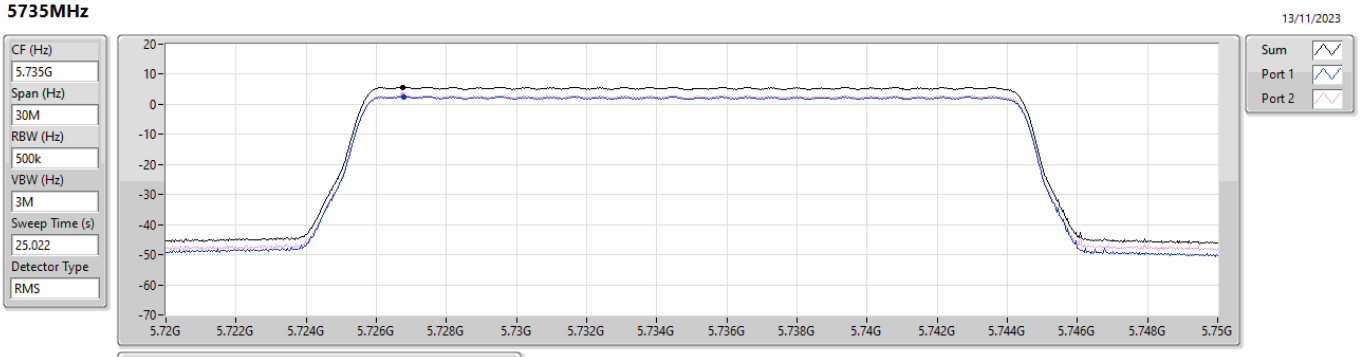
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	3.51	2.61

5.725-5.85GHz_QPSK20_20MHz_Nss1_2TX **PSD**

5735MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	2.58	2.96