Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	LDKIW9167EH
Equipment	:	Cisco Catalyst IW9167E Heavy Duty Access Point
Brand Name	:	CISCO
Model Name	:	IW9167EH-B
Applicant	:	Cisco Systems Inc 125 West Tasman Drive San Jose California United States 95134-1706
Manufacturer	:	Cisco Systems Inc 125 West Tasman Drive San Jose California United States 95134-1706
Standard	:	47 CFR FCC Part 90 Subpart Y

The product was received on Aug. 11, 2022, and testing was started from Aug. 17, 2022 and completed on Dec. 15, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR FCC Part 90 Subpart Y, ANSI C63.26-2015 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

TABLE OF CONTENTS

History of this test report

Report No.	Version	Description	Issued Date
FL281101	01	Initial issue of report	Feb. 01, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	2.1046/90.1215(a)	Maximum Conducted Output Power / Peak Power Spectral Density	PASS	-
3.2	90.1215	Peak Excursion	PASS	-
3.3	2.1049/90.210(m)	Occupied Bandwidth / Emission Mask	PASS	-
3.4	2.1051/90.210(m)	Transmitter Conducted Unwanted Emissions	PASS	-
3.5	2.1053/90.210(m)	Transmitter Radiated Unwanted Emissions	PASS	-
3.6	2.1055/90.213(a)	Frequency Stability	PASS	-

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Product Information

1.1.1 Specification Information

RF General Information			
Frequency Range (MHz)	Modulaton	Ch. Frequency (MHz)	Channel Bandwidth (MHz)
4940-4990	QPSK	4945-4985	10
4940-4990	QPSK	4950-4980	20

For Iron Radio 1~Pine Radio 2

Band	Mode	BWch (MHz)	Nant
4.940-4.990GHz	11j	10	1, 2, 4
4.940-4.990GHz	11j,BF	10	2, 4
4.940-4.990GHz	11j	20	1, 2, 4
4.940-4.990GHz	11j,BF	20	2, 4

Channel Bandwidth	Carrier Frequency (MHz)	Carrier Frequency (MHz)
10 MHz	4945	4967.5
	4947.5	4970
	4950	4972.5
	4952.5	4975
	4955	4977.5
	4957.5	4980
	4960	4982.5
	4962.5	4985
	4965	-
20 MHz	4950	4967.5
	4952.5	4970
	4955	4972.5
	4957.5	4975
	4960	4977.5
	4962.5	4980
	4965	-

1.1.2 Antenna Information

Set.	CISCO's Brand Name / Manufacturer's Brand Name	CISCO's Model Name / Manufacturer's Model Name	Antenna Type	Connector	Gain (dBi)
1	CISCO	AIR-ANT2480V-N=	Dipole	N Male	Note 1
	CUSHCRAFT	S2406BFCNM			
2	CISCO	AIR-ANT2413P2M-N=	Panel	N Male	
	PCTEL	07-1193-01			
3	CISCO	IW-ANT-OMM-53-N=	Monopole	N Female	
	MP Antenna	08-ANT-0985			
4	CISCO	AIR-ANT5180V-N=	Dipole	N Male	
	Laird TECHNOLOGES	S4905WBCFNM			
5	CISCO	IW-ANT-PNL-59-N=	Panel	SMA Female	
	HUBER+SUHNER	1356.17.0076			
6	CISCO	IW-ANT-H90-510-N=	Horn	N Female	
	RF ELEMENTS	HG3-CC-S90			
7	CISCO	AIR-ANT5114P2M-N=	Panel	N Male	
	PCTEL	07-1192-01			
8	CISCO	IW-ANT-SKD-513-Q=	Patch	QMA Female	
	PCTEL	74-133202-01			
9	CISCO	IW-ANT-SKS-514-Q=	Patch	QMA Female	
	PCTEL	74-133201-01			
10	CISCO	FLMESH-HW-ANT-28	Panel	N Female	
	HUBER+SUHNER	1356.17.0023			
11	CISCO	AIR-ANT2547V-N=	Dipole	N Male	
	Laird TECHNOLOGES	OC24527-CS1			
12	CISCO	AIR-ANT2547VG-N=	Dipole	N Male	
	Laird TECHNOLOGES	OC24528-CS3			
13	CISCO	AIR-ANT2547VG-NS=	Dipole	N Male	
	Laird Connectivity	OC24528-CS4			
14	CISCO	AIR-ANT2568VG-N=	Dipole	N Male	
	Laird Connectivity	OCX24529-CS1			
15	CISCO	AIR-ANT2568VG-NS=	Dipole	N Male	
	Laird Connectivity	OCX24529-CS2			
16	CISCO	AIR-ANT2588P4M-NS=	Patch	N Female	
	Laird Connectivity	PDM24499-CS1			
17	CISCO	AIR-ANT2513P4M-N=	Patch	N Female	
	Laird Connectivity	PDM245115H-CS1			
18	CISCO	AIR-ANT2513P4M-NS=	Patch	N Female	
	Laird Connectivity	PDM245115H-CS2			
19	CISCO	IW-ANT-OMV-2567-N	Dipole	N Male	
	TE connectivity	OCX24688-CS1			
20	CISCO	IW-ANT-OMH-2567-N	Dipole	N Male	
	TE connectivity	OCX24688H-CS1			
21	CISCO	ANT-GNSS-OUT-TNC=	Patch	TNC Male	
	Pulse	W4053T4572			

Set.	Port						
	WLAN 2.4GHz (Radio 1)	4.9GHz / 5GHz (Radio 1)	4.9GHz / 5GHz (Radio 2)	WLAN 2.4GHz (Scanning Radio 3)	WLAN 5GHz (Scanning Radio 3)	BT (Radio 4)	GPS (Radio 5)
1	-	-	-	-	-	-	-
2	1	-	-	1	-	-	-
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
	4	-	-	-	-	1	-
3	-	4	1	-	2	-	-
	-	3	2	-	1	-	-
	-	2	3	-	-	-	-
	-	1	4	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	4	1	-	-	-	-
	-	3	2	-	-	-	-
	-	2	3	-	-	-	-
	-	1	4	-	-	-	-
10	-	4	1	-	2	-	-
	-	3	2	-	1	-	-
	-	2	3	-	-	-	-
	-	1	4	-	-	-	-
11	1	-	-	1	-	-	-
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
	4	-	-	-	-	1	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	1

Note 1:

Set.	Antenna Gain (dBi)				Cable loss (dB)				Net Gain (dBi)			
	WLAN 2.4GHz (Radio 1) (Scanning Radio 3) BT (Radio 4)	5GHz (Radio 1) (Radio 2) (Scanning Radio 3)		GPS (Radio 5)	WLAN 2.4GHz (Radio 1) (Scanning Radio 3) BT (Radio 4)	5GHz (Radio 1) (Radio 2) (Scanning Radio 3)		GPS (Radio 5)	WLAN 2.4GHz (Radio 1) (Scanning Radio 3) BT (Radio 4)	5GHz (Radio 1) (Radio 2) (Scanning Radio 3)		GPS (Radio 5)
	2.4G / Bluetooth	UNII 1~3	4.9G	-	2.4G / Bluetooth	UNII 1~3	4.9G	-	2.4G / Bluetooth	UNII 1~3	4.9G	-
1	8	-	-	-	-	-	-	-	8	-	-	-
2	13	-	-	-	-	-	-	-	13	-	-	-
3	-	3	3	-	-	-	-	-	-	3	3	-
4	-	8	7	-	-	-	-	-	-	8	7	-
5	-	9	-	-	-	0.97	-	-	-	8.03	-	-
6	-	10	-	-	-	0.97	-	-	-	9.03	-	-
7	-	13	-	-	-	-	-	-	-	13	-	-
8	-	13	13	-	-	0.97	0.97	-	-	12.09	12.09	-
9	-	14	14	-	-	0.97	0.97	-	-	13.03	13.03	-
10	-	19.5	-	-	-	0.97	-	-	-	18.53	-	-
11	4	7	-	-	-	-	-	-	4	7	-	-
12	4	7	-	-	-	-	-	-	4	7	-	-
13	4	7	-	-	-	-	-	-	4	7	-	-
14	6	8	-	-	-	-	-	-	6	8	-	-
15	6	8	-	-	-	-	-	-	6	8	-	-
16	Vertical: 9.1 Horizontal: 7.1	Vertical: 9.6 Horizontal: 7.8	-	-	0.62	0.97	-	-	Vertical: 8.48 Horizontal: 6.48	Vertical: 8.63 Horizontal: 6.83	-	-
17	13	13	-	-	0.62	0.97	-	-	12.38	12.03	-	-
18	13	13	-	-	0.62	0.97	-	-	12.38	12.03	-	-
19	4	7	7	-	-	-	-	-	4	7	7	-
20	4	7	7	-	-	-	-	-	4	7	7	-
21	-	-	-	2.5	-	-	-	-	-	-	-	2.5

Set.	Point-to-Multipoint	Point-to-Point
1	Yes	No
2	Yes	Yes
3	Yes	No
4	Yes	No
5	Yes	Yes
6	Yes	Yes
7	Yes	Yes
8	Yes	Yes
9	Yes	Yes
10	Yes	Yes
11	Yes	No
12	Yes	No
13	Yes	No
14	Yes	No
15	Yes	No
16	Yes	No
17	Yes	Yes
18	Yes	Yes
19	Yes	No
20	Yes	No
21	-	-

Note 2: The above information was declared by manufacturer.

Note 3: There are 21 set antennas in the antenna table list.
The lowest and highest antenna gain was selected for the test and recorded in this report.
The antennas were selected as below:
For WLAN 2.4GHz/BT: Set 2, 11.
For WLAN 5GHz: Set 3, 10.
For 4.9GHz: Set 3, 9.

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	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

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

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}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$ + $10^{G4/20}$)^2 / N_{ANT}]

Where ;

2.4G G1 = 4 dBi; G2 = 4 dBi; G3 = 4 dBi; G4 = 4 dBi;
2TDG = 7.01 dBi 4TDG = 10.02 dBi

2.4G G1 = 13 dBi; G2 = 13 dBi; G3 = 13 dBi; G13 = 13 dBi;
2TDG = 16.01 dBi 4TDG = 19.02 dBi

5G G1 = 3 dBi; G2 = 3 dBi; G3 = 3 dBi; G4 = 3 dBi;
2TDG = 6.01 dBi 4TDG = 9.02 dBi

5G G1 = 18.53 dBi; G2 = 18.53 dBi; G18.53 = 18.53 dBi; G4 = 18.53 dBi;
2TDG = 18.53 dBi 4TDG = 21.54 dBi

4.9G G1 = 3 dBi; G2 = 3 dBi; G3 = 3 dBi; G4 = 3 dBi;
2TDG = 6.01 dBi 4TDG = 9.02 dBi

4.9G G1 = 13.03 dBi; G2 = 13.03 dBi; G13.03 = 13.03 dBi; G4 = 13.03 dBi;
2TDG = 16.04 dBi 4TDG = 19.05 dBi

For Iron Radio 1
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX, 2TX, 4TX/4RX):
1TX
Only Port 1 can be use as transmitting antenna.
2TX
Port 1, Port 2 can be use as transmitting antenna.
Port 1, Port 2 could transmitting simultaneously.
4TX
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX
Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.
Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Iron 5GHz UNII 1~UNII 3 and 4.9GHz:
For IEEE 802.11a/n/ac/ax mode (1TX, 2TX, 4TX/4RX):
1TX
Only Port 1 can be use as transmitting antenna.
2TX
Port 1, Port 2 can be use as transmitting antenna.
Port 1, Port 2 could transmitting simultaneously.
4TX
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.
4RX
Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.
Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Pine Radio 2
For 5GHz UNII 1~UNII 3 and 4.9GHz:
For IEEE 802.11a/n/ac/ax mode (1TX, 2TX, 4TX/4RX):
1TX
Only Port 1 can be use as transmitting antenna.
2TX
Port 1, Port 2 can be use as transmitting antenna.
Port 1, Port 2 could transmitting simultaneously.
4TX
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.
4RX
Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.
Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Scanning Radio 3
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.
For 5GHz UNII 1~UNII 3:
For IEEE 802.11a/n/ac/ax mode (1TX/1RX):
The EUT supports the antenna with TX and RX diversity functions.
Both port 1 and port 2 support transmit and receive functions, but only one of them will be used at one time.
The port 1 generated the worst case, so it was selected to test and record in the report.

For Radio 4
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

For Radio 5
GPS (1RX):
Only Port 1 can be used as receiving antenna.

1.1.3 Mode Test Duty Cycle

For Iron Radio 1
Antenna set 3 and antenna set 9

Mode	DC
802.11j	0.519

For Pine Radio 2
Antenna set 3

Mode	DC
802.11j	0.473

Antenna set 9

Mode	DC
802.11j	0.458

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE / Power adapter / DC 48V			
Test Software Version	QSPR (Version 5.0-00201)			
Supported Software Product IDs	IW9167EH-B - Industrial Wireless 9167 AP IW9167EH-B-AP - Wi-Fi mode IW9167EH-B-URWB - URWB mode IW9167EH-B-WGB - WGB mode IW9167EH-ROW - Industrial Wireless 9167 AP IW9167EH-ROW-AP - Wi-Fi mode IW9167EH-ROW-URWB - URWB mode IW9167EH-ROW-WGB - WGB mode			
Device Type	☐	Low power device	☒	High power device

1.1.5 Table for EUT support function

Function	Support Band
AP	2.4GHz, 5GHz, 4.9GHz
P2P/P2MP	2.4GHz, 5GHz, 4.9GHz

Note1: For above table list, only AP mode was tested and recorded in this test.
Note2: The above information was declared by manufacturer.

1.1.6 Table for Radio function

Radio (R)	WLAN 2.4GHz	5GHz UNII 1~UNII 3	4.9 GHz	Scanning radio (WLAN 2.4GHz / 5GHz UNII 1~UNII 3)	Bluetooth	GPS
R1 (Iron Radio)	V (AP: 20/) (P2P/P2MP: 20)	V (AP: 20/40/80) (P2P/P2MP: 20/40/80)	V	-	-	-
R2 (Pine Radio)	-	V (AP: 20/40/80/160) (P2P/P2MP: 20/40/80/160)	V	-	-	-
R3 (Scanning Radio)	-	-	-	V (AP: 20/40/80/160) (P2P/P2MP: 20/40/80/160)	-	-
R4	-	-	-	-	V	-
R5	-	-	-	-	-	V

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 90 Subpart Y
- FCC KDB 971168 D01 v03r01

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

- ANSI/TIA-603-D-2010
- FCC KDB 552295 D01v03
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other item tests)	TH02-CB	Jay Lo	22.5~23.8 / 55~61	Aug. 17, 2022~Nov. 29, 2022
Radiated below 1GHz (For cabinet test)	10CH01-CB	Ryan Huang	22~23 / 53~55	Nov. 02, 2022~Dec. 15, 2022
Radiated above 1GHz (For cabinet test)	03CH01-CB	Chris Lee	23.1~24.3 / 57~60	Sep. 26, 2022~Oct. 15, 2022

1.4 Measurement Uncertainty

For 10CH01-CB

For Before Nov. 04, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.9 dB	Confidence levels of 95%

For After Nov. 03, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.4 dB	Confidence levels of 95%

For other Test Site No.

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration

2.1 Test Channel Mode

For Iron Radio 1

For Antenna set 3

Mode	PowerSetting
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-
4945MHz	18.5
4965MHz	18.5
4985MHz	18
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-
4945MHz	15
4965MHz	15
4985MHz	14.5
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-
4945MHz	14
4965MHz	14
4985MHz	13
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-
4945MHz	15
4965MHz	15
4985MHz	14.5
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-
4945MHz	14
4965MHz	14
4985MHz	13
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-
4950MHz	21.5
4965MHz	22
4980MHz	22
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-
4950MHz	19
4965MHz	19.5
4980MHz	19.5
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-
4950MHz	18
4965MHz	18
4980MHz	18
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-

Mode	PowerSetting
4950MHz	19
4965MHz	19.5
4980MHz	19.5
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-
4950MHz	18
4965MHz	18
4980MHz	18

For Antenna set 9

Mode	PowerSetting
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-
4945MHz	18.5
4965MHz	18.5
4985MHz	18
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-
4945MHz	15
4965MHz	15
4985MHz	14.5
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-
4945MHz	14
4965MHz	14
4985MHz	13
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-
4945MHz	15
4965MHz	15
4985MHz	14.5
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-
4945MHz	14
4965MHz	14
4985MHz	13
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-
4950MHz	21.5
4965MHz	22
4980MHz	22
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-
4950MHz	19
4965MHz	19.5
4980MHz	19.5
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-
4950MHz	18
4965MHz	18

Mode	PowerSetting
4980MHz	18
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-
4950MHz	19
4965MHz	19.5
4980MHz	19.5
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-
4950MHz	18
4965MHz	18
4980MHz	18

For Pine Radio 2

For Antenna set 3

Mode	PowerSetting
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-
4945MHz	12
4965MHz	12
4985MHz	12
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-
4945MHz	8.5
4965MHz	8.5
4985MHz	9
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-
4945MHz	7
4965MHz	7
4985MHz	7
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-
4945MHz	8.5
4965MHz	8.5
4985MHz	9
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-
4945MHz	7
4965MHz	7
4985MHz	7
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-
4950MHz	17
4965MHz	17
4980MHz	17
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-
4950MHz	13.5
4965MHz	14.5

Mode	PowerSetting
4980MHz	14.5
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-
4950MHz	14
4965MHz	14
4980MHz	14
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-
4950MHz	13.5
4965MHz	14.5
4980MHz	14.5
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-
4950MHz	14
4965MHz	14
4980MHz	14

For Antenna set 9

Mode	PowerSetting
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-
4945MHz	12
4965MHz	12
4985MHz	12
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-
4945MHz	8.5
4965MHz	8.5
4985MHz	9
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-
4945MHz	7
4965MHz	7
4985MHz	7
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-
4945MHz	8.5
4965MHz	8.5
4985MHz	9
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-
4945MHz	7
4965MHz	7
4985MHz	7
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-
4950MHz	17
4965MHz	17
4980MHz	17

Mode	PowerSetting
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-
4950MHz	13.5
4965MHz	14.5
4980MHz	14.5
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-
4950MHz	14
4965MHz	14
4980MHz	14
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-
4950MHz	13.5
4965MHz	14.5
4980MHz	14.5
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-
4950MHz	14
4965MHz	14
4980MHz	14

Note:

- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 Worst Case Modulation Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Conducted Output Power / Peak Power Spectral Density Peak Excursion Occupied Bandwidth / Emission Mask Transmitter Conducted Unwanted Emissions Frequency Tolerance
Test Condition	Conducted measurement at transmit chains
1	Iron R1 : 4.9GHz
2	Pine R2 : 4.9GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Transmitter Radiated Unwanted Emissions
Test Condition	Radiated measurement
Operating Mode < 1GHz	CTX (Cabinet)
	1. The EUT was performed at the X axis, Y axis, and Z axis position for Transmitter Radiated Unwanted Emissions above 1GHz test, and the worst case axis was found and listed below. So the measurement will follow this same test configuration. 2. PoE has been evaluated to be the worst case between adapter and PoE, thus measurement will follow this same test mode. 3. Ethernet cable + PoE has been evaluated to be the worst case between Ethernet cable + DC 48V and Ethernet cable + PoE, thus measurement will follow this same test mode.
1	EUT in X axis + Iron R1 : 4.9GHz + PoE
2	EUT in Z axis + Pine R2 : 4.9GHz + PoE
3	EUT in X axis + Iron R1 : 4.9GHz + Ethernet cable + PoE
4	EUT in Z axis + Pine R2 : 4.9GHz + Ethernet cable + PoE
For test mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX (Cabinet)
	The EUT was performed at the X axis, Y axis, and Z axis position, and the worst case axis was found and listed below. So the measurement will follow this same test configuration.
1	EUT in X axis + Iron R1 : 4.9GHz
2	EUT in Z axis + Pine R2 : 4.9GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (4.9GHz / 5GHz) + Scanning R3 (2.4GHz) + R4 (Bluetooth)
2	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (4.9GHz / 5GHz) + Scanning R3 (5GHz port 2) + R4 (Bluetooth)
3	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (4.9GHz / 5GHz) + Scanning R3 (5GHz port 1) + R4 (Bluetooth)
Refer to Sporton Test Report No.: FA281101 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoE are for measurement only, would not be marketed.

Adapter and PoE information as below:

Power	Brand	Model
Adapter	LITEON	PA-1600-1C
PoE	CISCO	POE075U-1BT-C

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories
Sealing collar*3
Wall-mounted rack*2
Grounding wire*1, Non shielded, 0.8m
DC cable*1, Non shielded, 2.6m
DC cable connect*1
Ethernet cable*2, Shielded, 3m
Ethernet cable connect*2

2.5 Support Equipment

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE075U-1BT-C	N/A
B	LAN NB	DELL	E6430	N/A

For Radiated (above 1GHz):

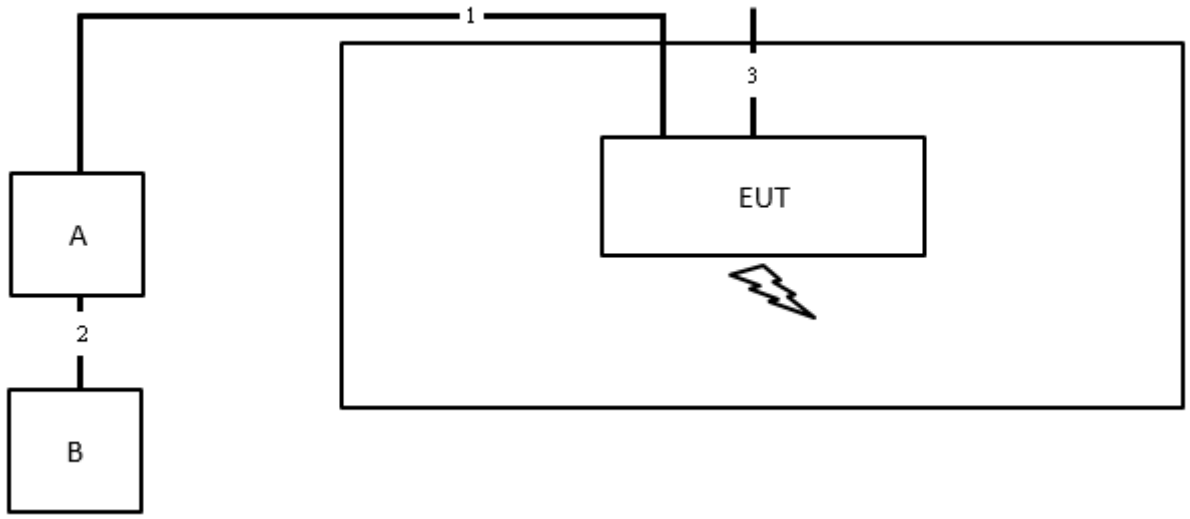
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Adapter	LITEON	PA-1600-1C	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Adapter	LITEON	PA-1600-1C	N/A

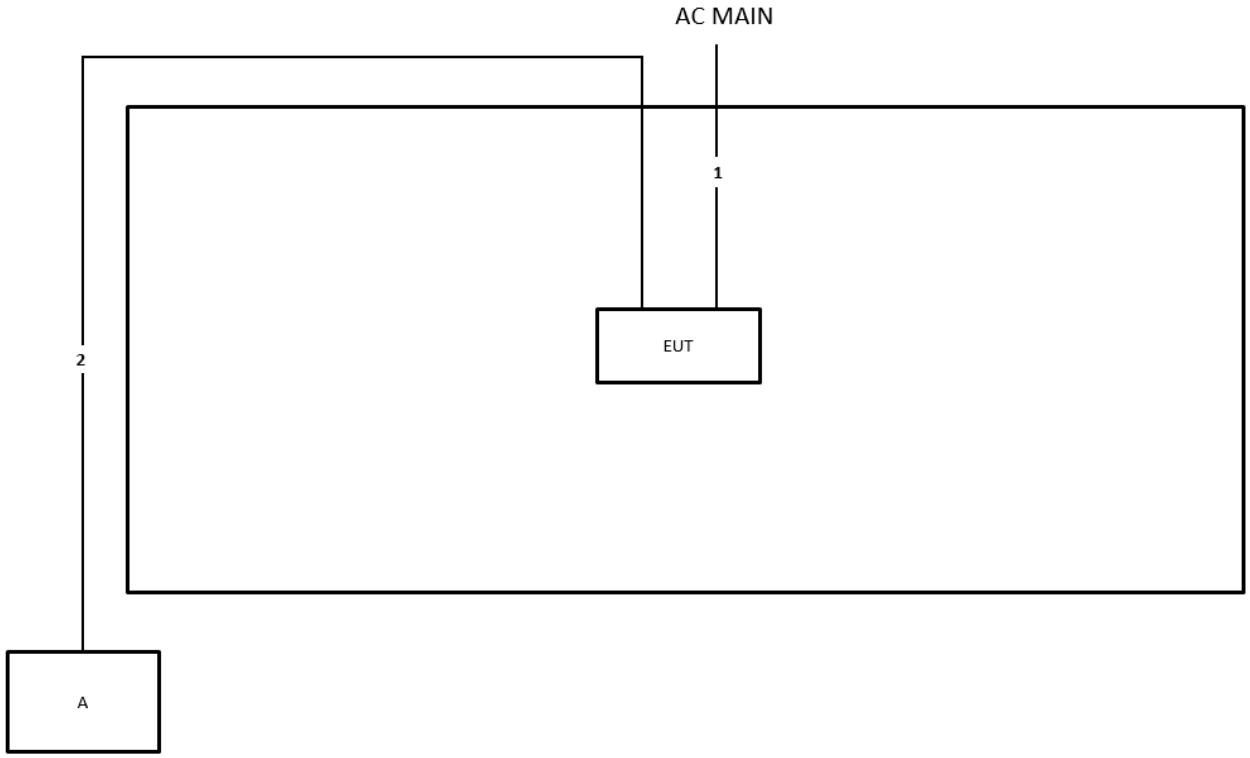
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	3m
3	GND cable	No	0.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	10m

3 Test Result

3.1 Maximum Conducted Output Power and Peak Power Spectral Density Measurement

3.1.1 Limit of Maximum Conducted Output Power and Peak Power Spectral Density

Maximum Conducted Output Power Limit:

The transmitting power of stations operating in the 4940-4990 MHz band must not exceed the maximum limits in this table.

Channel Bandwidth (MHz)	Low Power Device Peak Transmitter Power (dBm)	High Power Device Peak Transmitter Power (dBm)
1	7.0	20.0
5	14.0	27.0
10	17.0	30.0
15	18.8	31.8
20	20.0	33.0

Peak Power Spectral Density Limit:

1. High power devices are also limited to a peak power spectral density of 21 dBm per one MHz. High power devices using channel bandwidths other than those listed above are permitted; however, they are limited to peak power spectral density of 21 dBm/MHz. If transmitting antennas of directional gain greater than 9 dBi are used, both the maximum conducted output power and the peak power spectral density should be reduced by the amount in decibels that the directional gain of the antenna exceeds 9 dBi. However, high power point-to-point and point-to-multipoint operations (both fixed and temporary-fixed rapid deployment) may employ transmitting antennas with directional gain up to 26 dBi without any corresponding reduction in the maximum conducted output power or spectral density. Corresponding reduction in the maximum conducted output power and peak power spectral density should be the amount in decibels that the directional gain of the antenna exceeds 26 dBi.
2. Low power devices are also limited to a peak power spectral density of 8 dBm per one MHz. Low power devices using channel bandwidths other than those listed above are permitted; however, they are limited to a peak power spectral density of 8 dBm/MHz. If transmitting antennas of directional gain greater than 9 dBi are used, both the maximum conducted output power and the peak power spectral density should be reduced by the amount in decibels that the directional gain of the antenna exceeds 9 dBi.

Maximum Conducted Output Power Definition:

The maximum conducted output power is measured as a conducted emission over any interval of continuous transmission using instrumentation calibrated in terms of an RMS-equivalent voltage. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true maximum conducted output power measurement conforming to the definitions in this paragraph for the emission in question.

3.1.2 Measuring Instruments and Setting

Power Meter Parameter	Setting
Bandwidth	50MHz bandwidth is greater than the EUT emission bandwidth
Detector	Average

Spectrum Parameters	Setting
Detector	Peak
Center Frequency	Low / middle / high channels
RBW / VBW	1MHz / 3MHz

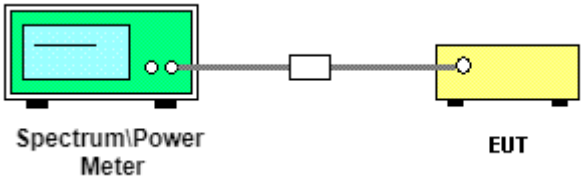
3.1.3 Test Procedures for Maximum Conducted Output Power

Using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since this measurement is made only during the ON time of the transmitter, no duty cycle correction is required.

3.1.4 Test Procedures for Peak Power Density

1. The EUT transmitter output was connected through an appropriate 50 ohm attenuator to a spectrum analyzer. Resolution bandwidth was set to 1MHz and video bandwidth was set to a value greater than the resolution bandwidth. Instrument limited resolution bandwidth less than channel emission bandwidth; so as to obtain a true peak measurement shall be calculated by total channel power within channel bandwidth.
2. Peak search was used to find peak power spectral density within channel bandwidth and the spectrum analyzer integrated measurement plot was taken.

3.1.5 Test Setup

Maximum Conducted Output Power and Peak Power Spectral Density


3.1.6 Test Deviation

There is no deviation with the original standard.

3.1.7 Test Result of Maximum Conducted Output Power

Refer as Appendix A

3.1.8 Test Result of Peak Power Spectral Density (PSD)

Refer as Appendix A

3.2 Peak Excursion Measurement

3.2.1 Limit of Peak Excursion

13 dB

3.2.2 Measuring Instruments

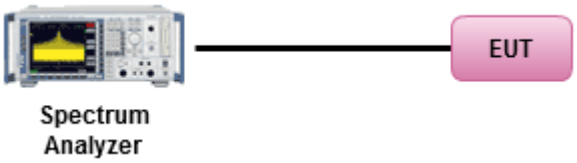
Refer a *test* equipment and calibration data table in this test report.

3.2.3 Test Procedures

Testing a single output port is sufficient to demonstrate compliance with the peak excursion.

3.2.4 Test Setup

Peak Excursion



3.2.5 Test Deviation

There is no deviation with the original standard.

3.2.6 Test Result of Peak Excursion

Refer as Appendix B

3.3 Occupied Bandwidth and Emission Mask Measurement

3.3.1 Limit of Occupied Bandwidth and Emission Mask

Emission Mask M: For high power transmitters (greater than 20 dBm) operating in the 4940-4990 MHz frequency band, the power spectral density of the emissions must be attenuated below the output power of the transmitter as follows:

(1) On any frequency removed from the assigned frequency between 0–45% of the authorized bandwidth (BW): 0 dB

(2) On any frequency removed from the assigned frequency between 45–50% of the authorized bandwidth: 568 log (% of (BW)/45) dB.

(3) On any frequency removed from the assigned frequency between 50–55% of the authorized bandwidth: 26 + 145 log (% of (BW)/50) dB.

(4) On any frequency removed from the assigned frequency between 55–100% of the authorized bandwidth: 32 + 31 log (% of (BW)/55) dB attenuation.

(5) On any frequency removed from the assigned frequency between 100–150% of the authorized bandwidth: 40 + 57 log (% of (BW)/100) dB attenuation.

(6) On any frequency removed from the assigned frequency above 150% of the authorized bandwidth: 50 or 55+ 10 log (P) dB, whichever is the lesser attenuation. (P in watts)

The zero dB reference is measured relative to the highest average power of the fundamental emission measured across the designated channel bandwidth using a resolution bandwidth of at least 1% of the occupied bandwidth of the fundamental emission and a video bandwidth of 30 kHz. The power spectral density is the power measured within the resolution bandwidth of the measurement device divided by the resolution bandwidth of the measurement device. Emission levels are also based on the use of measurement instrumentation employing a resolution bandwidth of at least one percent of the occupied bandwidth.

3.3.2 Measuring Instruments and Setting

Please refer to section 4 in this report. The following table is the setting of the spectrum.

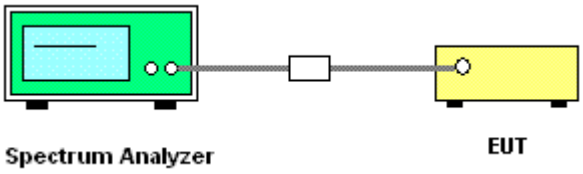
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth of the signal
RBW	at least 1% of the occupied bandwidth
VBW	BW=3 x RBW, Mask=30kHz
Detector	Peak
Trace	Max Hold

3.3.3 Test Procedures

1. The EUT transmitter was connected to a spectrum analyzer through an appropriate 50 ohm attenuator. Used measurement function of spectrum to measure the 99% occupied bandwidth.
2. The reference level for the mask was set using the highest average power of the fundamental emission measured across the channel bandwidth using a RBW of at least 1% of the occupied bandwidth of the fundamental emission and a VBW of 30 kHz.

3.3.4 Test Setup

Occupied Bandwidth and Emission



3.3.5 Test Deviation

There is no deviation with the original standard.

3.3.6 Test Result of 99% Occupied Bandwidth (OBW)

Refer as Appendix C

3.3.7 Test Result of Emission Mask

Refer as Appendix C

3.4 Transmitter Conducted Unwanted Emissions Measurement

3.4.1 Limit of Transmitter Conducted Unwanted Emission

On any frequency removed from the assigned frequency above 150% of the authorized bandwidth: 50 or 55+ 10 log (P) dB, whichever is the lesser attenuation. (P=Average transmit power in watt)

3.4.2 Measuring Instruments and Setting

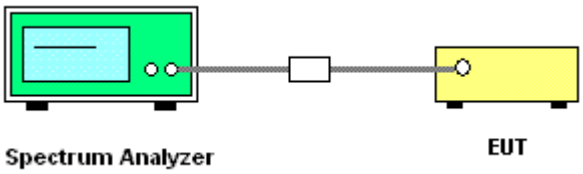
Spectrum Parameter	Setting
Detector	RMS (Average)
Frequency Range	9kHz – 40GHz

3.4.3 Test Procedures

1. The EUT transmitter was connected to a spectrum analyzer through an appropriate 50 ohm attenuator. The spectrum analyzer resolution bandwidth was set to 1 MHz, and the video bandwidth was set to 1 MHz.
2. Find spurious emissions under 50 or 55+ 10 log (P) dB limit, whichever is the lesser attenuation and the spectrum analyzer integrated measurement plot was taken.

3.4.4 Test Setup Layout

Transmitter Conducted Unwanted Emissions



3.4.5 Test Deviation

There is no deviation with the original standard.

3.4.6 Test Result of Transmitter Conducted Unwanted Emissions

Refer as Appendix D

3.5 Transmitter Radiated Unwanted Emissions Measurement

3.5.1 Limit of Transmitter Radiated Unwanted Emissions

On any frequency removed from the assigned frequency above 150% of the authorized bandwidth: 50 or 55+ 10 log (P) dB, whichever is the lesser attenuation. (P=Average transmit power in watt)

3.5.2 Measuring Instruments and Setting

Please refer to section 4 in this report. The following table is the setting of the Spectrum Analyzer.

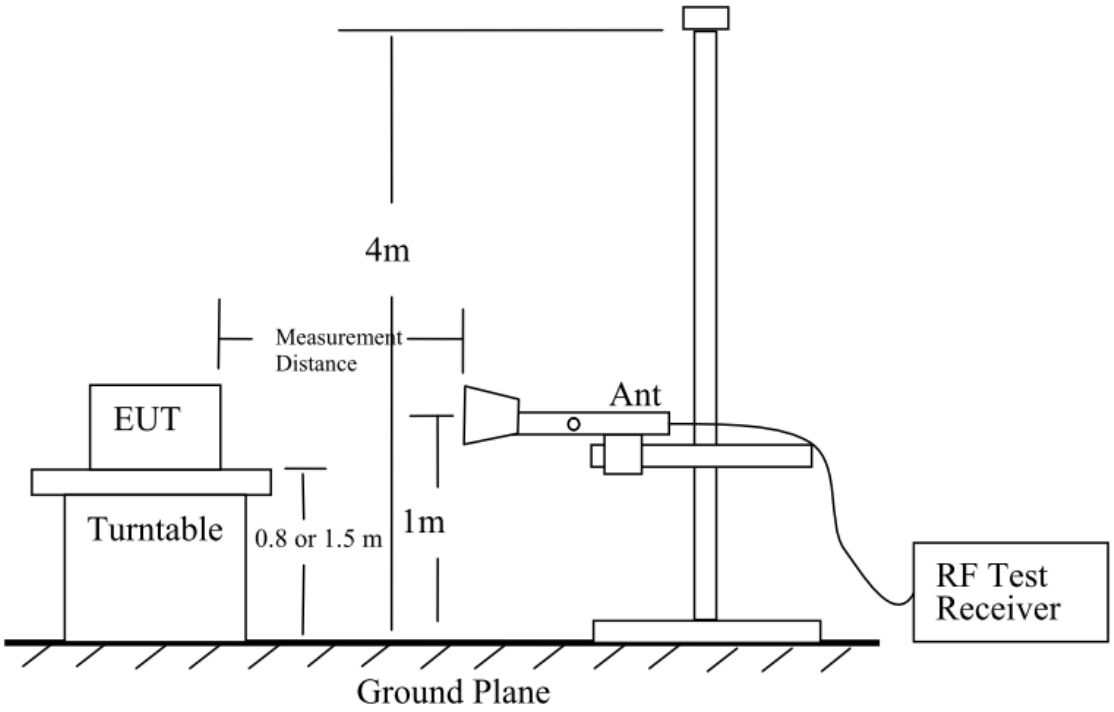
Spectrum Parameter	Setting
Detector	RMS (Average)
Frequency Range	30MHz – 40GHz
RBW / VBW	1 MHz / 3MHz

3.5.3 Test Procedures

1. The EUT was placed on the top of the turntable in anechoic chamber.
2. A spectrum analyzer was used RBW of 1 MHz and VBW of 3 MHz for the final measurements utilizing an RMS detector at the frequencies with spurious emissions amplitudes.
3. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find spurious emissions reading.
4. Spurious emissions field strength level equal to spurious emissions reading on spectrum analyzer + Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.
5. Final radiated spurious emissions may be converted from spurious emissions field strength level - 95.2 dB

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions



3.5.5 Test Deviation

There is no deviation with the original standard.

3.5.6 Results of Transmitter Radiated Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability Measurement

3.6.1 Limit of Frequency Stability

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized frequency band. For equipment authorization purposes, this is a reporting requirement only.

3.6.2 Measuring Instruments and Setting

Please refer to section 4 in this report. The following table is the setting of the spectrum analyzer.

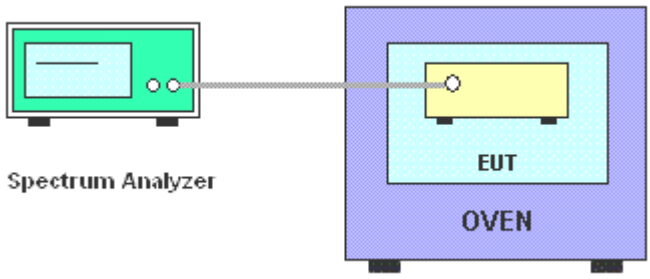
Spectrum Parameter	Setting
Detector	Peak
RBW / VBW	10 kHz / 30kHz

3.6.3 Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channel.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with frequency counter function.
5. fc is declaring of carrier channel frequency. Then the frequency error formula is (fc-f)/fc × 106 ppm.
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value and extreme temperature rule is -30°C~50°C.

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Deviation

There is no deviation with the original standard.

3.6.6 Test Result of Frequency Stability

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 27, 2022	Jan. 26, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Biconical Antenna	Schwarzbeck	VHBB 9124	324	30MHz ~ 200MHz	Jun. 11, 2022	Jun. 10, 2023	Radiation (10CH01-CB)
Log Antenna	Schwarzbeck	VUSLP 9111	247	200MHz ~ 1GHz	Jun. 11, 2022	Jun. 10, 2023	Radiation (10CH01-CB)
EMI Test Receiver	Rohde& Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 11, 2022	Jul. 10, 2023	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde& Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	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+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	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)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 15, 2022	Aug. 14, 2023	Conducted (TH02-CB)
Temp. and Humidity Chamber	Gaint Force	GTH-408-40-CP-AR	MAA1410-011	-40~100 degree	Sep. 09, 2021	Sep. 08, 2022	Conducted (TH02-CB)
Temp. and Humidity Chamber	Gaint Force	GTH-408-40-CP-AR	MAA1410-011	-40~100 degree	Sep. 02, 2022	Sep. 01, 2023	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	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.

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
802.11j_10MHz_Nss1_1TX	13.24	0.021
802.11j_10MHz_Nss1_2TX	15.19	0.033
802.11j_10MHz_Nss1_4TX	17.97	0.063
802.11j-BF_10MHz_Nss1_2TX	15.19	0.033
802.11j-BF_10MHz_Nss1_4TX	17.97	0.063
802.11j_20MHz_Nss1_1TX	16.61	0.046
802.11j_20MHz_Nss1_2TX	19.88	0.097
802.11j_20MHz_Nss1_4TX	22.16	0.164
802.11j-BF_20MHz_Nss1_2TX	19.88	0.097
802.11j-BF_20MHz_Nss1_4TX	22.16	0.164

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (dBm)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	13.24				13.24	0.021	30.00
4965MHz	Pass	3.00	12.90				12.90	0.019	30.00
4985MHz	Pass	3.00	12.90				12.90	0.019	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	10.04	13.61			15.19	0.033	30.00
4965MHz	Pass	3.00	9.87	13.57			15.11	0.032	30.00
4985MHz	Pass	3.00	9.72	13.14			14.77	0.030	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	9.13	12.64	13.05	12.01	17.97	0.063	30.00
4965MHz	Pass	3.00	8.75	12.52	12.77	11.60	17.69	0.059	30.00
4985MHz	Pass	3.00	8.02	11.77	11.76	10.78	16.84	0.048	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	10.04	13.61			15.19	0.033	30.00
4965MHz	Pass	6.01	9.87	13.57			15.11	0.032	30.00
4985MHz	Pass	6.01	9.72	13.14			14.77	0.030	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	9.13	12.64	13.05	12.01	17.97	0.063	30.00
4965MHz	Pass	9.02	8.75	12.52	12.77	11.60	17.69	0.059	30.00
4985MHz	Pass	9.02	8.02	11.77	11.76	10.78	16.84	0.048	30.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	15.68				15.68	0.037	33.00
4965MHz	Pass	3.00	16.28				16.28	0.042	33.00
4980MHz	Pass	3.00	16.61				16.61	0.046	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	13.51	17.62			19.04	0.080	33.00
4965MHz	Pass	3.00	14.07	18.33			19.71	0.094	33.00
4980MHz	Pass	3.00	14.21	18.51			19.88	0.097	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	12.60	16.70	16.77	15.49	21.70	0.148	33.00
4965MHz	Pass	3.00	12.59	17.12	17.25	16.11	22.14	0.164	33.00
4980MHz	Pass	3.00	12.89	17.14	17.17	16.12	22.16	0.164	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	13.51	17.62			19.04	0.080	33.00
4965MHz	Pass	6.01	14.07	18.33			19.71	0.094	33.00
4980MHz	Pass	6.01	14.21	18.51			19.88	0.097	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	12.60	16.70	16.77	15.49	21.70	0.148	33.00
4965MHz	Pass	9.02	12.59	17.12	17.25	16.11	22.14	0.164	33.00
4980MHz	Pass	9.02	12.89	17.14	17.17	16.12	22.16	0.164	33.00

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
802.11j_10MHz_Nss1_1TX	13.12	0.021
802.11j_10MHz_Nss1_2TX	15.18	0.033
802.11j_10MHz_Nss1_4TX	17.82	0.061
802.11j-BF_10MHz_Nss1_2TX	15.18	0.033
802.11j-BF_10MHz_Nss1_4TX	17.82	0.061
802.11j_20MHz_Nss1_1TX	16.53	0.045
802.11j_20MHz_Nss1_2TX	19.83	0.096
802.11j_20MHz_Nss1_4TX	22.13	0.163
802.11j-BF_20MHz_Nss1_2TX	19.83	0.096
802.11j-BF_20MHz_Nss1_4TX	22.13	0.163

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (dBm)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	13.12				13.12	0.021	30.00
4965MHz	Pass	13.03	12.97				12.97	0.020	30.00
4985MHz	Pass	13.03	12.74				12.74	0.019	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	9.93	13.54			15.11	0.032	30.00
4965MHz	Pass	13.03	9.97	13.62			15.18	0.033	30.00
4985MHz	Pass	13.03	9.56	13.18			14.75	0.030	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	9.06	12.50	12.85	11.89	17.82	0.061	30.00
4965MHz	Pass	13.03	8.87	12.60	12.77	11.85	17.79	0.060	30.00
4985MHz	Pass	13.03	8.08	11.77	11.89	10.66	16.86	0.049	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	16.04	9.93	13.54			15.11	0.032	30.00
4965MHz	Pass	16.04	9.97	13.62			15.18	0.033	30.00
4985MHz	Pass	16.04	9.56	13.18			14.75	0.030	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	19.05	9.06	12.50	12.85	11.89	17.82	0.061	30.00
4965MHz	Pass	19.05	8.87	12.60	12.77	11.85	17.79	0.060	30.00
4985MHz	Pass	19.05	8.08	11.77	11.89	10.66	16.86	0.049	30.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	15.72				15.72	0.037	33.00
4965MHz	Pass	13.03	16.27				16.27	0.042	33.00
4980MHz	Pass	13.03	16.53				16.53	0.045	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	13.46	17.68			19.07	0.081	33.00
4965MHz	Pass	13.03	14.11	18.35			19.74	0.094	33.00
4980MHz	Pass	13.03	14.25	18.42			19.83	0.096	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	12.64	16.74	16.82	15.51	21.74	0.149	33.00
4965MHz	Pass	13.03	12.62	17.01	17.18	16.15	22.09	0.162	33.00
4980MHz	Pass	13.03	12.98	17.12	17.16	16.00	22.13	0.163	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	16.04	13.46	17.68			19.07	0.081	33.00
4965MHz	Pass	16.04	14.11	18.35			19.74	0.094	33.00
4980MHz	Pass	16.04	14.25	18.42			19.83	0.096	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	19.05	12.64	16.74	16.82	15.51	21.74	0.149	33.00
4965MHz	Pass	19.05	12.62	17.01	17.18	16.15	22.09	0.162	33.00
4980MHz	Pass	19.05	12.98	17.12	17.16	16.00	22.13	0.163	33.00

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
802.11j_10MHz_Nss1_1TX	7.83	0.006
802.11j_10MHz_Nss1_2TX	10.15	0.010
802.11j_10MHz_Nss1_4TX	12.51	0.018
802.11j-BF_10MHz_Nss1_2TX	10.15	0.010
802.11j-BF_10MHz_Nss1_4TX	12.51	0.018
802.11j_20MHz_Nss1_1TX	13.08	0.020
802.11j_20MHz_Nss1_2TX	16.24	0.042
802.11j_20MHz_Nss1_4TX	19.48	0.089
802.11j-BF_20MHz_Nss1_2TX	16.24	0.042
802.11j-BF_20MHz_Nss1_4TX	19.48	0.089

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (dBm)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	7.83				7.83	0.006	30.00
4965MHz	Pass	3.00	7.73				7.73	0.006	30.00
4985MHz	Pass	3.00	7.78				7.78	0.006	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	4.05	8.10			9.54	0.009	30.00
4965MHz	Pass	3.00	3.94	8.15			9.55	0.009	30.00
4985MHz	Pass	3.00	4.51	8.76			10.15	0.010	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	2.95	7.55	7.39	6.12	12.36	0.017	30.00
4965MHz	Pass	3.00	2.99	7.57	7.47	6.14	12.41	0.017	30.00
4985MHz	Pass	3.00	3.15	7.65	7.53	6.32	12.51	0.018	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	4.05	8.10			9.54	0.009	30.00
4965MHz	Pass	6.01	3.94	8.15			9.55	0.009	30.00
4985MHz	Pass	6.01	4.51	8.76			10.15	0.010	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	2.95	7.55	7.39	6.12	12.36	0.017	30.00
4965MHz	Pass	9.02	2.99	7.57	7.47	6.14	12.41	0.017	30.00
4985MHz	Pass	9.02	3.15	7.65	7.53	6.32	12.51	0.018	30.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	12.87				12.87	0.019	33.00
4965MHz	Pass	3.00	13.07				13.07	0.020	33.00
4980MHz	Pass	3.00	13.08				13.08	0.020	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	9.46	13.73			15.11	0.032	33.00
4965MHz	Pass	3.00	10.55	14.88			16.24	0.042	33.00
4980MHz	Pass	3.00	10.66	14.84			16.24	0.042	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	9.45	13.75	13.79	12.84	18.79	0.076	33.00
4965MHz	Pass	3.00	10.01	14.47	14.23	13.47	19.38	0.087	33.00
4980MHz	Pass	3.00	10.07	14.46	14.40	13.62	19.48	0.089	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	9.46	13.73			15.11	0.032	33.00
4965MHz	Pass	6.01	10.55	14.88			16.24	0.042	33.00
4980MHz	Pass	6.01	10.66	14.84			16.24	0.042	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	9.45	13.75	13.79	12.84	18.79	0.076	33.00
4965MHz	Pass	9.02	10.01	14.47	14.23	13.47	19.38	0.087	33.00
4980MHz	Pass	9.02	10.07	14.46	14.40	13.62	19.48	0.089	33.00

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
802.11j_10MHz_Nss1_1TX	7.82	0.006
802.11j_10MHz_Nss1_2TX	10.27	0.011
802.11j_10MHz_Nss1_4TX	12.48	0.018
802.11j-BF_10MHz_Nss1_2TX	10.27	0.011
802.11j-BF_10MHz_Nss1_4TX	12.48	0.018
802.11j_20MHz_Nss1_1TX	13.08	0.020
802.11j_20MHz_Nss1_2TX	16.26	0.042
802.11j_20MHz_Nss1_4TX	19.45	0.088
802.11j-BF_20MHz_Nss1_2TX	16.26	0.042
802.11j-BF_20MHz_Nss1_4TX	19.45	0.088

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (dBm)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	7.82				7.82	0.006	30.00
4965MHz	Pass	13.03	7.73				7.73	0.006	30.00
4985MHz	Pass	13.03	7.80				7.80	0.006	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	4.05	8.12			9.56	0.009	30.00
4965MHz	Pass	13.03	3.99	8.21			9.60	0.009	30.00
4985MHz	Pass	13.03	4.51	8.93			10.27	0.011	30.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	2.93	7.50	7.48	6.29	12.42	0.017	30.00
4965MHz	Pass	13.03	3.03	7.55	7.44	6.16	12.40	0.017	30.00
4985MHz	Pass	13.03	2.95	7.64	7.49	6.35	12.48	0.018	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	16.04	4.05	8.12			9.56	0.009	30.00
4965MHz	Pass	16.04	3.99	8.21			9.60	0.009	30.00
4985MHz	Pass	16.04	4.51	8.93			10.27	0.011	30.00
4.94-4.99GHz_802.11j-BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	19.05	2.93	7.50	7.48	6.29	12.42	0.017	30.00
4965MHz	Pass	19.05	3.03	7.55	7.44	6.16	12.40	0.017	30.00
4985MHz	Pass	19.05	2.95	7.64	7.49	6.35	12.48	0.018	30.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	13.03				13.03	0.020	33.00
4965MHz	Pass	13.03	13.07				13.07	0.020	33.00
4980MHz	Pass	13.03	13.08				13.08	0.020	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	9.50	13.70			15.10	0.032	33.00
4965MHz	Pass	13.03	10.58	14.84			16.22	0.042	33.00
4980MHz	Pass	13.03	10.68	14.85			16.26	0.042	33.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	10.06	14.41	14.43	13.27	19.38	0.087	33.00
4965MHz	Pass	13.03	10.18	13.34	14.29	13.40	19.07	0.081	33.00
4980MHz	Pass	13.03	10.09	14.51	14.29	13.58	19.45	0.088	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	16.04	9.50	13.70			15.10	0.032	33.00
4965MHz	Pass	16.04	10.58	14.84			16.22	0.042	33.00
4980MHz	Pass	16.04	10.68	14.85			16.26	0.042	33.00
4.94-4.99GHz_802.11j-BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	19.05	10.06	14.41	14.43	13.27	19.38	0.087	33.00
4965MHz	Pass	19.05	10.18	13.34	14.29	13.40	19.07	0.081	33.00
4980MHz	Pass	19.05	10.09	14.51	14.29	13.58	19.45	0.088	33.00

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

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
802.11j_10MHz_Nss1_1TX	13.29
802.11j_10MHz_Nss1_2TX	15.56
802.11j_10MHz_Nss1_4TX	17.70
802.11j_20MHz_Nss1_1TX	14.54
802.11j_20MHz_Nss1_2TX	18.35
802.11j_20MHz_Nss1_4TX	19.80

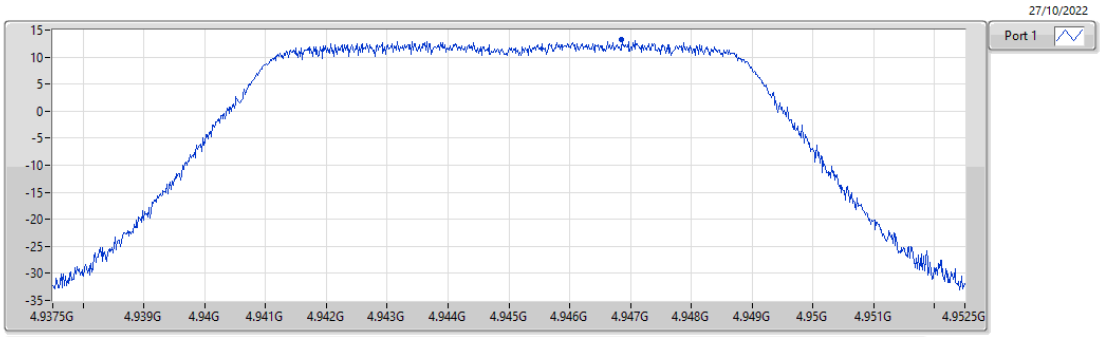
Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	13.29				13.29	21.00
4965MHz	Pass	3.00	13.21				13.21	21.00
4985MHz	Pass	3.00	13.04				13.04	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	9.98	14.37			15.56	21.00
4965MHz	Pass	6.01	9.89	14.34			15.46	21.00
4985MHz	Pass	6.01	9.51	13.77			14.88	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	9.18	12.62	14.23	12.65	17.70	21.00
4965MHz	Pass	9.02	9.41	12.55	13.74	12.28	17.31	21.00
4985MHz	Pass	9.02	8.11	11.46	12.40	11.38	16.47	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	13.59				13.59	21.00
4965MHz	Pass	3.00	14.29				14.29	21.00
4980MHz	Pass	3.00	14.54				14.54	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	11.30	16.85			17.64	21.00
4965MHz	Pass	6.01	12.15	17.31			18.35	21.00
4980MHz	Pass	6.01	12.48	17.37			18.16	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	10.54	14.44	15.88	14.15	19.25	21.00
4965MHz	Pass	9.02	10.70	14.63	16.71	14.93	19.80	21.00
4980MHz	Pass	9.02	11.21	14.78	16.40	14.70	19.79	21.00

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

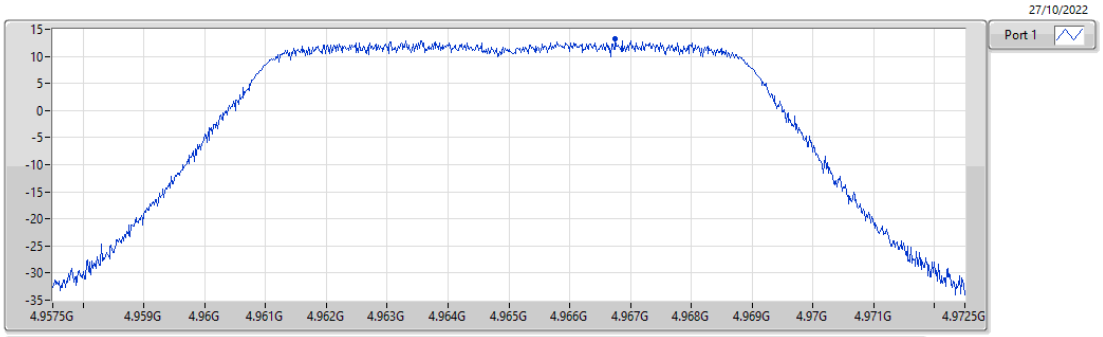
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.29	4.945G	15M	1M	3M	3.28	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

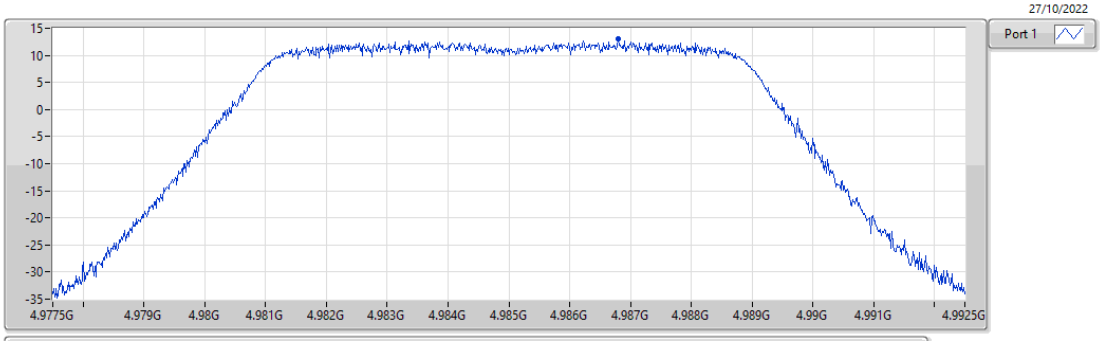
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.21	4.965G	15M	1M	3M	3.28	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

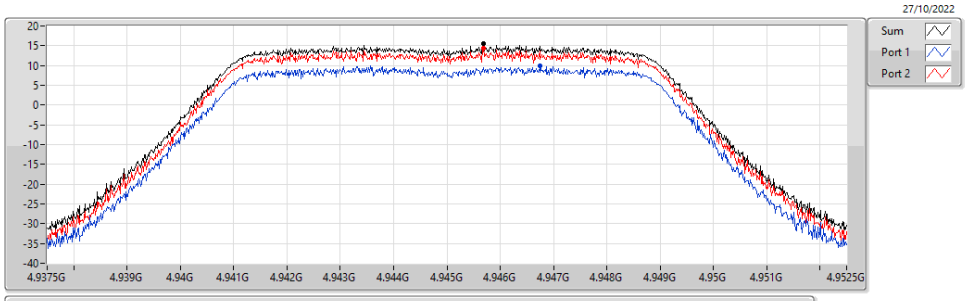
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.04	4.985G	15M	1M	3M	3.28	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

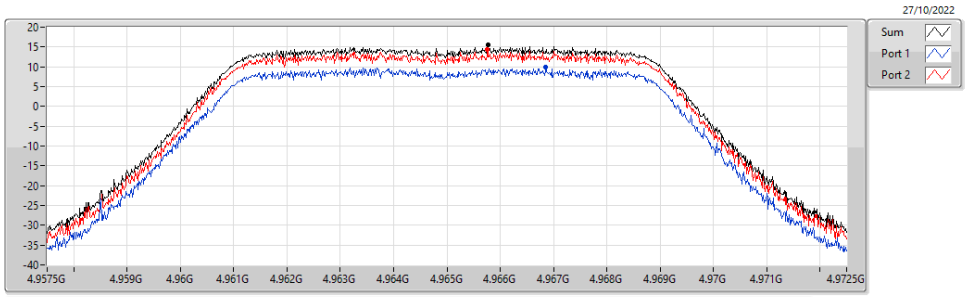
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.98	4.945G	15M	1M	3M	3.28	Peak	1
14.37	4.945G	15M	1M	3M	3.28	Peak	2
Sum PD							
(dBm/MHz)							
15.56							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

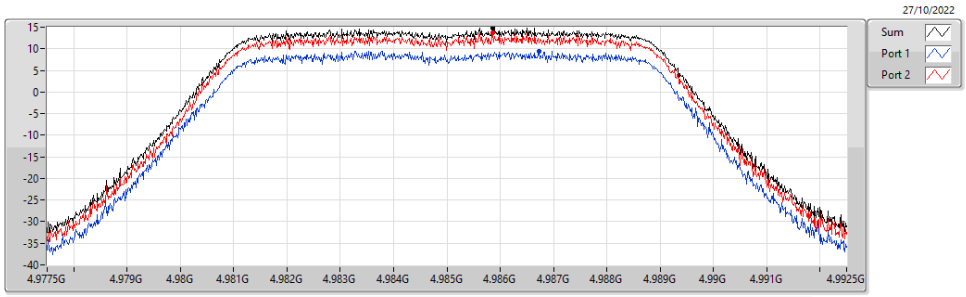
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.89	4.965G	15M	1M	3M	3.28	Peak	1
14.34	4.965G	15M	1M	3M	3.28	Peak	2
Sum PD							
(dBm/MHz)							
15.46							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

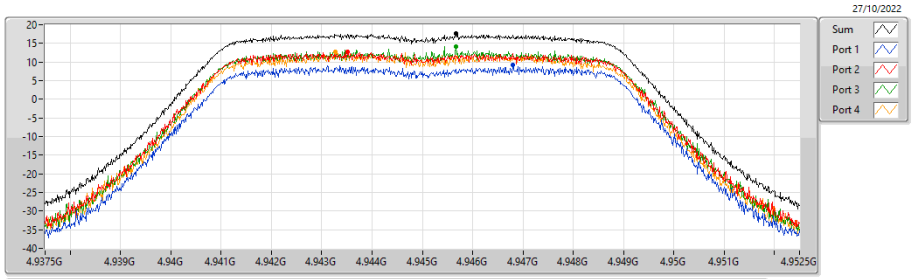
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.51	4.985G	15M	1M	3M	3.28	Peak	1
13.77	4.985G	15M	1M	3M	3.28	Peak	2
Sum PD							
(dBm/MHz)							
14.88							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

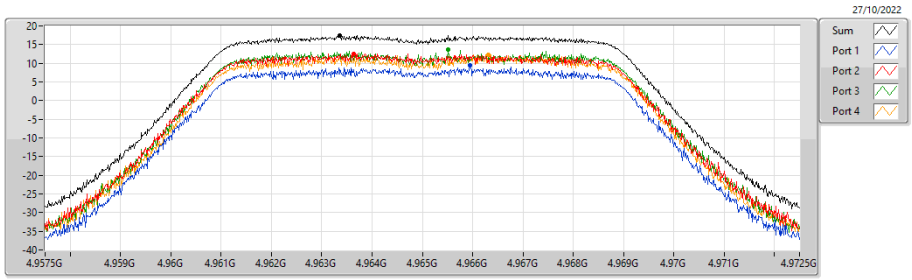
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.18	4.945G	15M	1M	3M	3.28	Peak	1
12.62	4.945G	15M	1M	3M	3.28	Peak	2
14.23	4.945G	15M	1M	3M	3.28	Peak	3
12.65	4.945G	15M	1M	3M	3.28	Peak	4
Sum PD							
(dBm/MHz)							
17.70							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

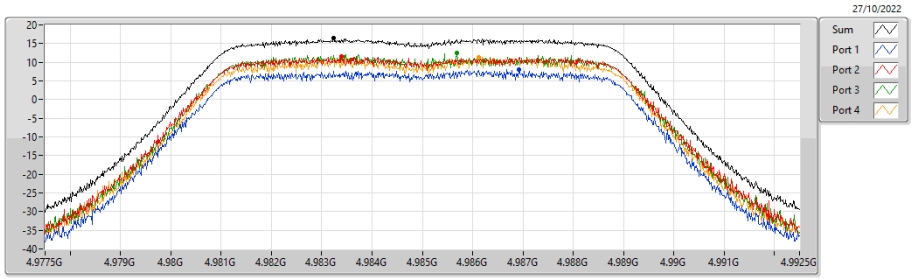
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.41	4.965G	15M	1M	3M	3.28	Peak	1
12.55	4.965G	15M	1M	3M	3.28	Peak	2
13.74	4.965G	15M	1M	3M	3.28	Peak	3
12.28	4.965G	15M	1M	3M	3.28	Peak	4
Sum PD							
(dBm/MHz)							
17.31							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

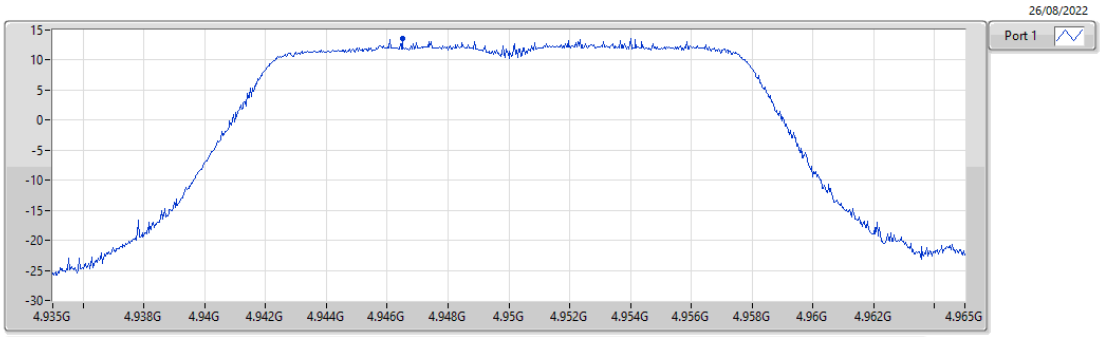
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.11	4.985G	15M	1M	3M	3.28	Peak	1
11.46	4.985G	15M	1M	3M	3.28	Peak	2
12.40	4.985G	15M	1M	3M	3.28	Peak	3
11.38	4.985G	15M	1M	3M	3.28	Peak	4
Sum PD							
(dBm/MHz)							
16.47							

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

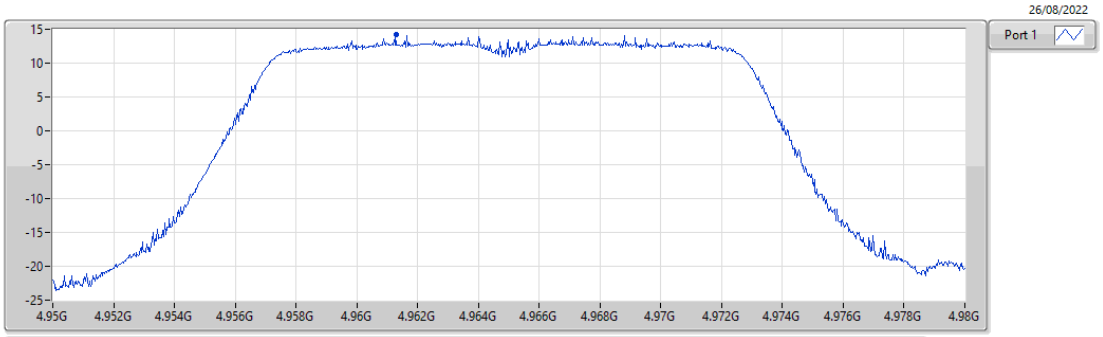
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.59	4.95G	30M	1M	3M	15.1	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

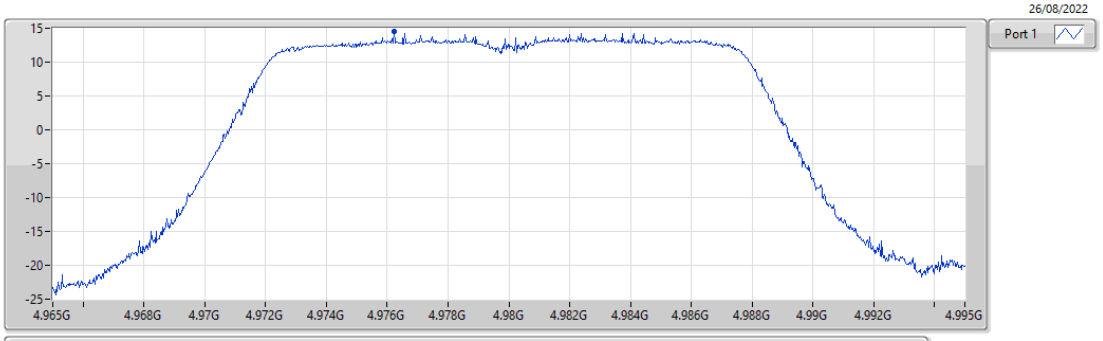
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
14.29	4.965G	30M	1M	3M	15.1	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

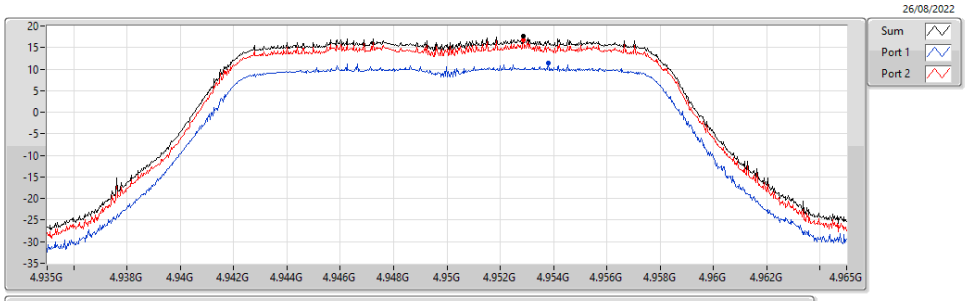
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
14.54	4.98G	30M	1M	3M	15.1	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

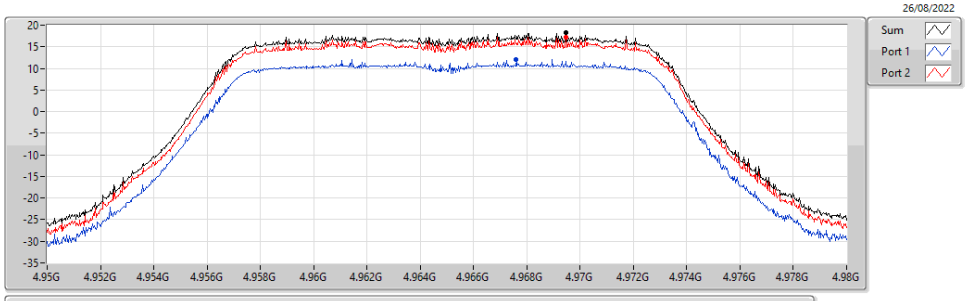
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.30	4.95G	30M	1M	3M	15.1	Peak	1
16.85	4.95G	30M	1M	3M	15.1	Peak	2
Sum PD							
(dBm/MHz)							
17.64							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

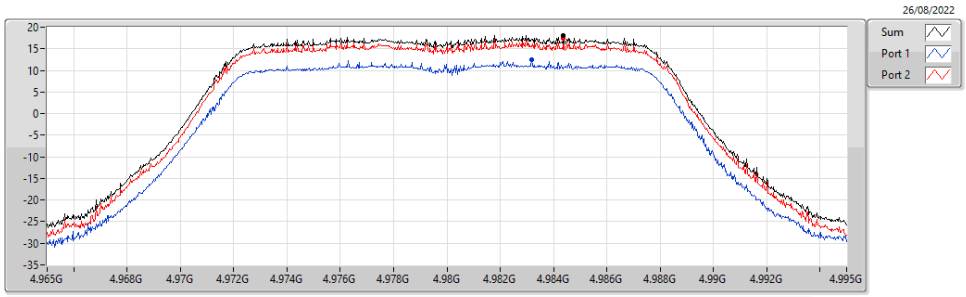
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.15	4.965G	30M	1M	3M	15.1	Peak	1
17.31	4.965G	30M	1M	3M	15.1	Peak	2
Sum PD							
(dBm/MHz)							
18.35							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

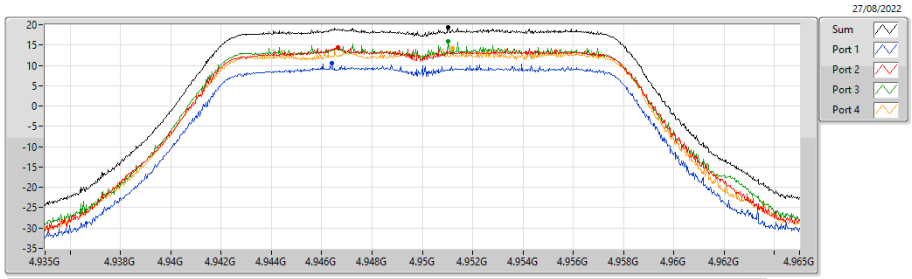
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.48	4.98G	30M	1M	3M	15.1	Peak	1
17.37	4.98G	30M	1M	3M	15.1	Peak	2
Sum PD							
(dBm/MHz)							
18.16							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

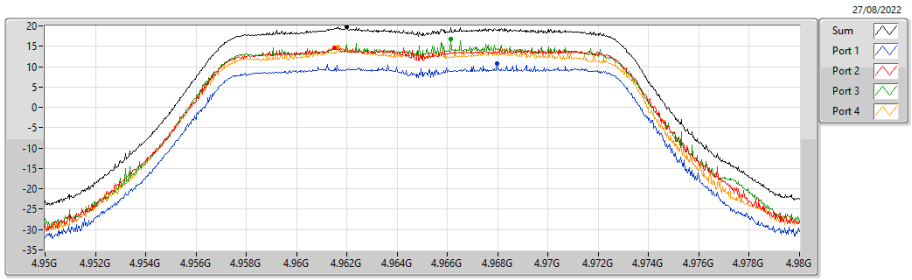
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.54	4.95G	30M	1M	3M	15.1	Peak	1
14.44	4.95G	30M	1M	3M	15.1	Peak	2
15.88	4.95G	30M	1M	3M	15.1	Peak	3
14.15	4.95G	30M	1M	3M	15.1	Peak	4
Sum PD							
(dBm/MHz)							
19.25							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

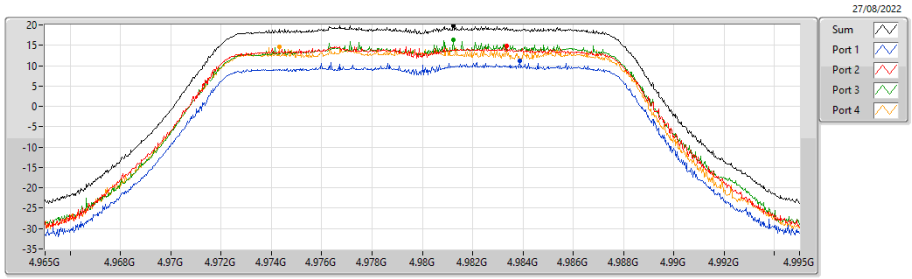
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.70	4.965G	30M	1M	3M	15.1	Peak	1
14.63	4.965G	30M	1M	3M	15.1	Peak	2
16.71	4.965G	30M	1M	3M	15.1	Peak	3
14.93	4.965G	30M	1M	3M	15.1	Peak	4
Sum PD							
(dBm/MHz)							
19.80							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.21	4.98G	30M	1M	3M	15.1	Peak	1
14.78	4.98G	30M	1M	3M	15.1	Peak	2
16.40	4.98G	30M	1M	3M	15.1	Peak	3
14.70	4.98G	30M	1M	3M	15.1	Peak	4
Sum PD							
(dBm/MHz)							
19.79							

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
802.11j_10MHz_Nss1_1TX	13.28
802.11j_10MHz_Nss1_2TX	15.75
802.11j_10MHz_Nss1_4TX	18.25
802.11j_20MHz_Nss1_1TX	14.54
802.11j_20MHz_Nss1_2TX	18.35
802.11j_20MHz_Nss1_4TX	19.80

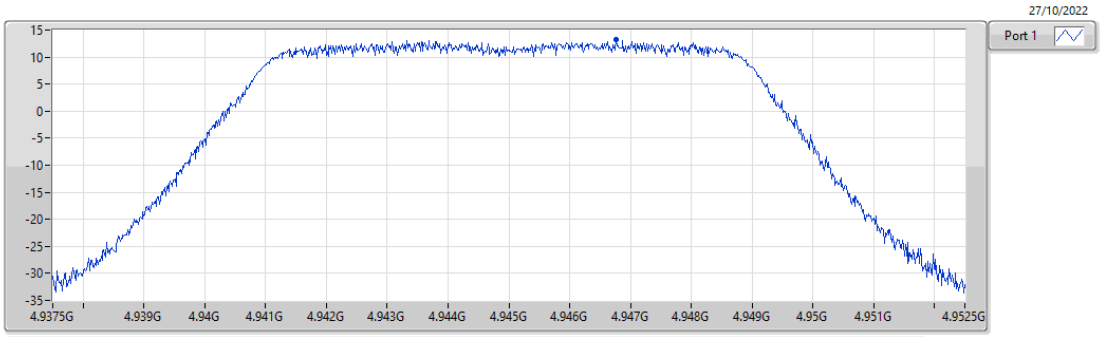
Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	13.26				13.26	21.00
4965MHz	Pass	13.03	13.28				13.28	21.00
4985MHz	Pass	13.03	13.14				13.14	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	16.04	10.12	14.34			15.47	21.00
4965MHz	Pass	16.04	10.17	14.57			15.75	21.00
4985MHz	Pass	16.04	10.04	14.22			15.21	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	19.05	9.33	12.91	14.32	12.97	18.25	21.00
4965MHz	Pass	19.05	9.10	12.73	14.26	12.84	17.91	21.00
4985MHz	Pass	19.05	8.40	11.95	13.25	12.03	17.03	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	13.59				13.59	21.00
4965MHz	Pass	13.03	14.29				14.29	21.00
4980MHz	Pass	13.03	14.54				14.54	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	16.04	11.30	16.85			17.64	21.00
4965MHz	Pass	16.04	12.15	17.31			18.35	21.00
4980MHz	Pass	16.04	12.48	17.37			18.16	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	19.05	10.54	14.44	15.88	14.15	19.25	21.00
4965MHz	Pass	19.05	10.70	14.63	16.71	14.93	19.80	21.00
4980MHz	Pass	19.05	11.21	14.78	16.40	14.70	19.79	21.00

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

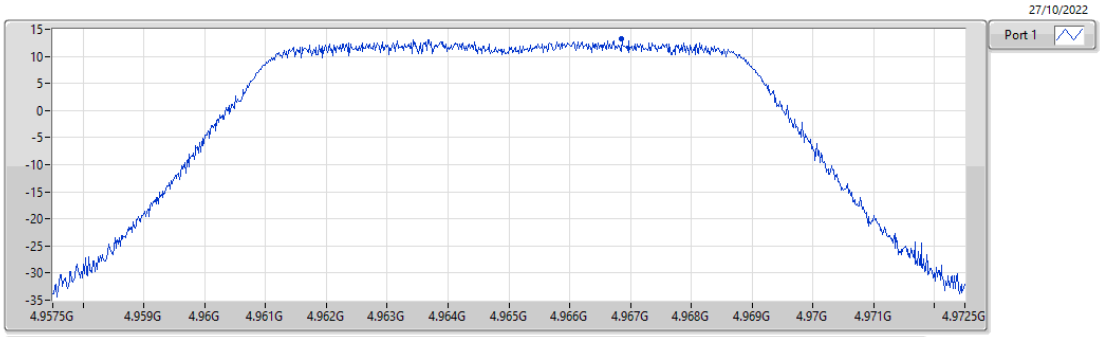
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.26	4.945G	15M	1M	3M	3.28	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

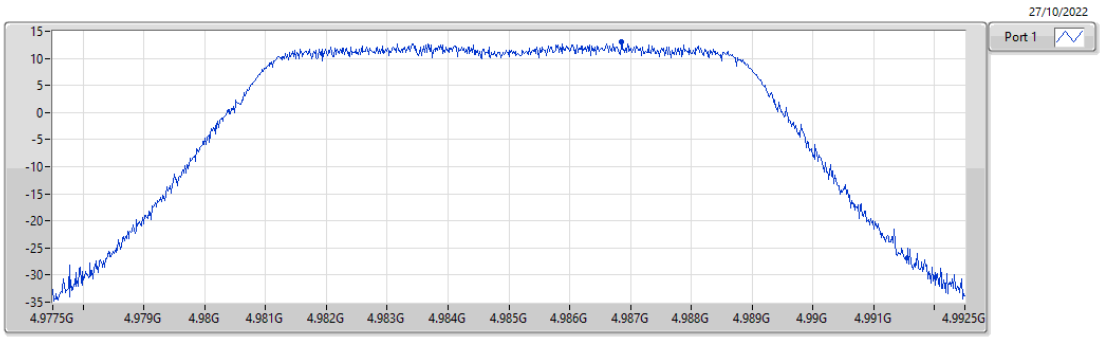
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.28	4.965G	15M	1M	3M	3.28	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

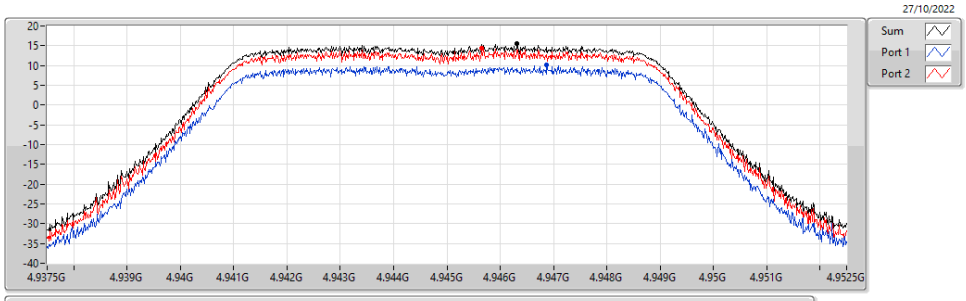
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.14	4.985G	15M	1M	3M	3.28	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

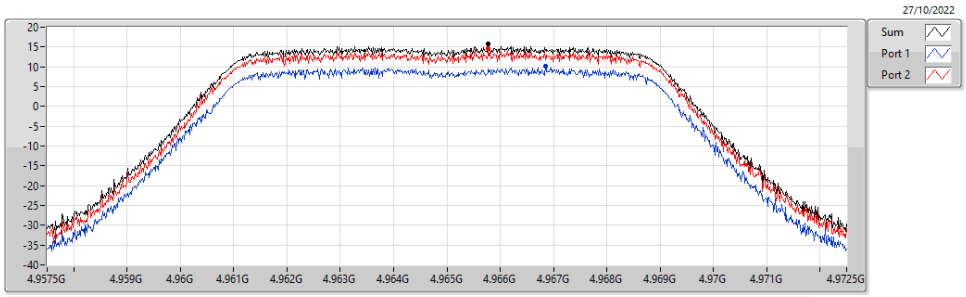
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.12	4.945G	15M	1M	3M	3.28	Peak	1
14.34	4.945G	15M	1M	3M	3.28	Peak	2
Sum PD							
(dBm/MHz)							
15.47							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

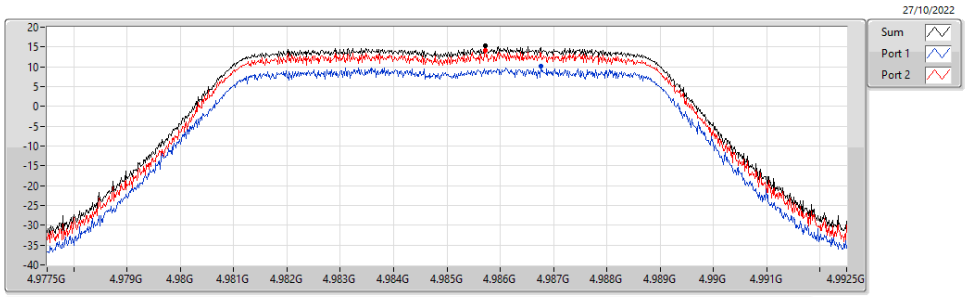
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.17	4.965G	15M	1M	3M	3.28	Peak	1
14.57	4.965G	15M	1M	3M	3.28	Peak	2
Sum PD							
(dBm/MHz)							
15.75							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

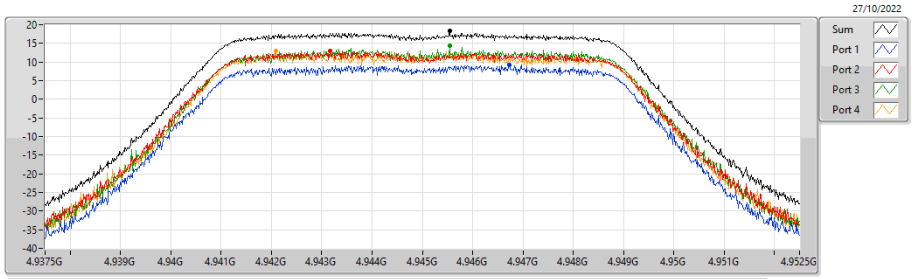
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.04	4.985G	15M	1M	3M	3.28	Peak	1
14.22	4.985G	15M	1M	3M	3.28	Peak	2
Sum PD							
(dBm/MHz)							
15.21							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

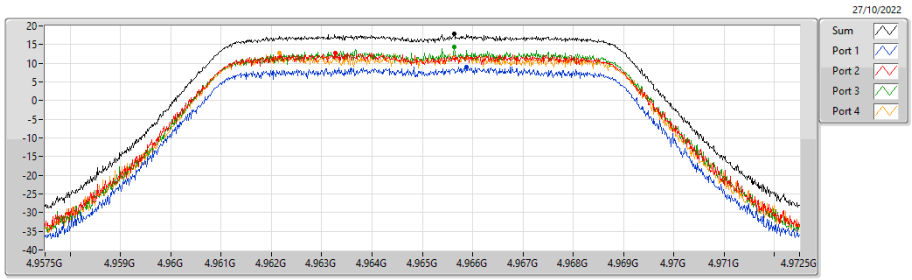
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.33	4.945G	15M	1M	3M	3.28	Peak	1
12.91	4.945G	15M	1M	3M	3.28	Peak	2
14.32	4.945G	15M	1M	3M	3.28	Peak	3
12.97	4.945G	15M	1M	3M	3.28	Peak	4
Sum PD							
(dBm/MHz)							
18.25							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

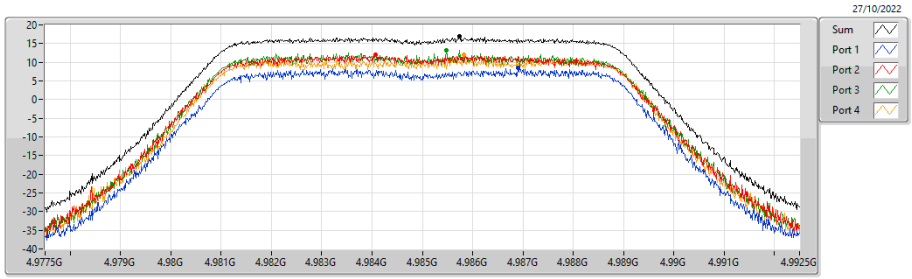
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.10	4.965G	15M	1M	3M	3.28	Peak	1
12.73	4.965G	15M	1M	3M	3.28	Peak	2
14.26	4.965G	15M	1M	3M	3.28	Peak	3
12.84	4.965G	15M	1M	3M	3.28	Peak	4
Sum PD							
(dBm/MHz)							
17.91							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

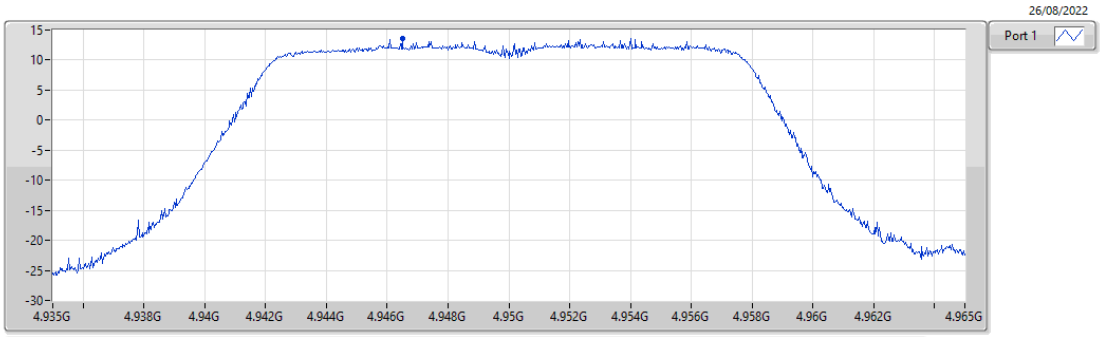
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.40	4.985G	15M	1M	3M	3.28	Peak	1
11.95	4.985G	15M	1M	3M	3.28	Peak	2
13.25	4.985G	15M	1M	3M	3.28	Peak	3
12.03	4.985G	15M	1M	3M	3.28	Peak	4
Sum PD							
(dBm/MHz)							
17.03							

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

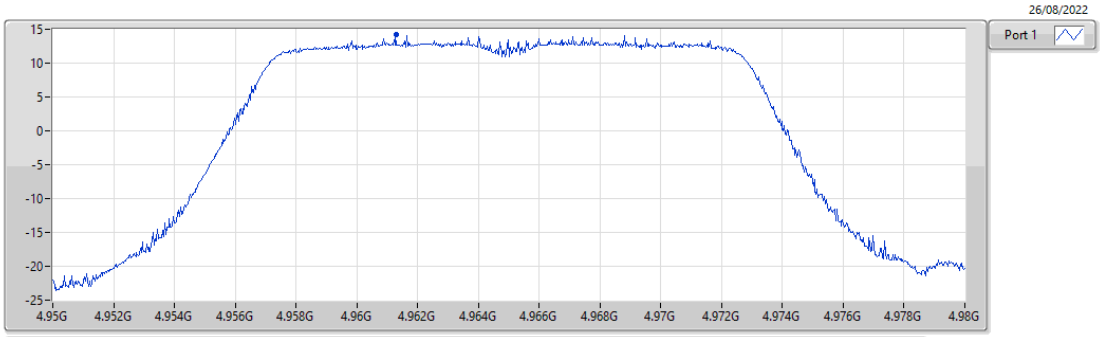
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
13.59	4.95G	30M	1M	3M	15.1	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

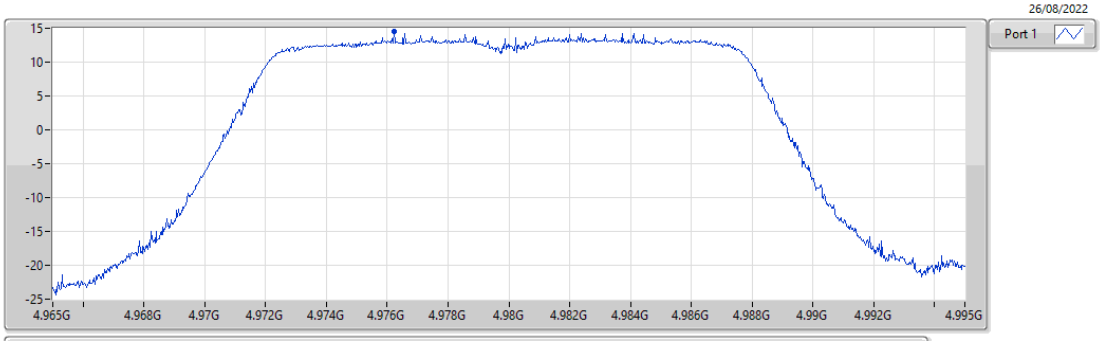
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
14.29	4.965G	30M	1M	3M	15.1	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

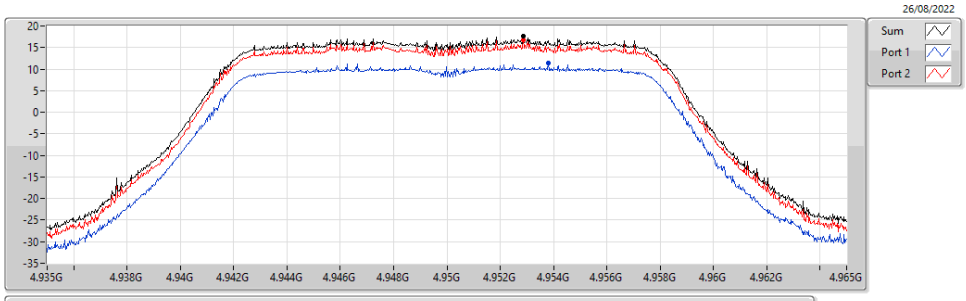
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
14.54	4.98G	30M	1M	3M	15.1	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

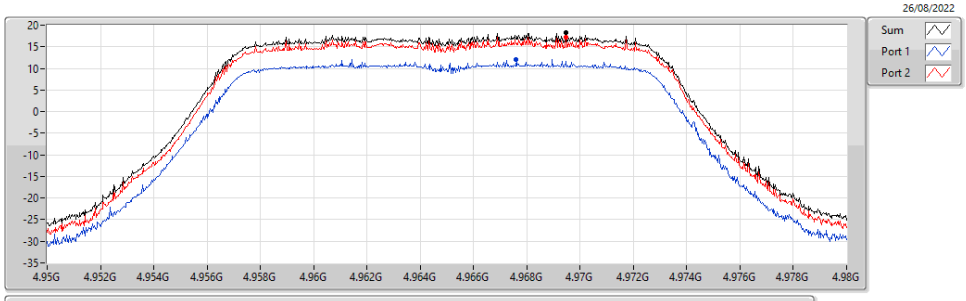
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.30	4.95G	30M	1M	3M	15.1	Peak	1
16.85	4.95G	30M	1M	3M	15.1	Peak	2
Sum PD							
(dBm/MHz)							
17.64							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

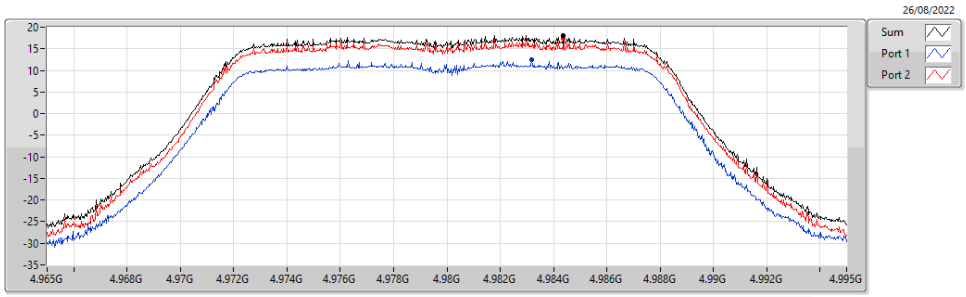
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.15	4.965G	30M	1M	3M	15.1	Peak	1
17.31	4.965G	30M	1M	3M	15.1	Peak	2
Sum PD							
(dBm/MHz)							
18.35							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

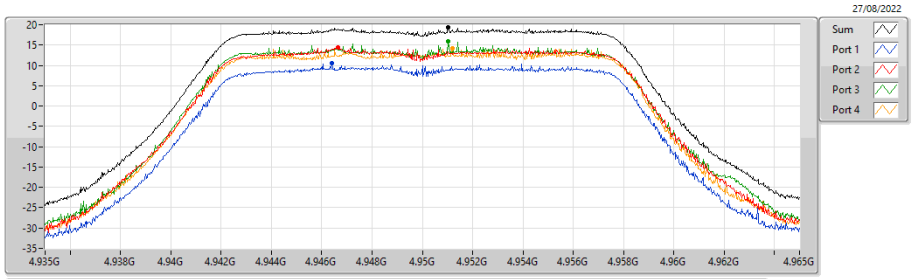
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
12.48	4.98G	30M	1M	3M	15.1	Peak	1
17.37	4.98G	30M	1M	3M	15.1	Peak	2
Sum PD							
(dBm/MHz)							
18.16							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

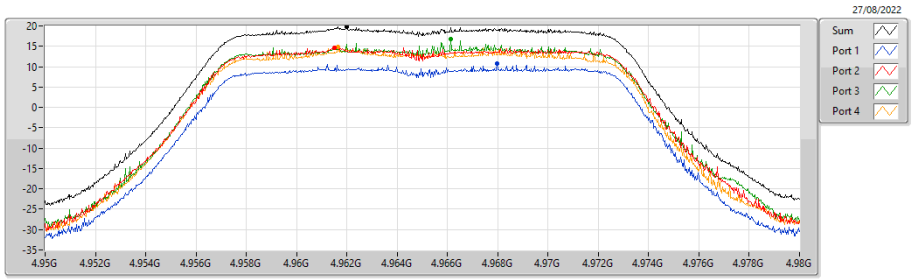
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.54	4.95G	30M	1M	3M	15.1	Peak	1
14.44	4.95G	30M	1M	3M	15.1	Peak	2
15.88	4.95G	30M	1M	3M	15.1	Peak	3
14.15	4.95G	30M	1M	3M	15.1	Peak	4
Sum PD							
(dBm/MHz)							
19.25							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

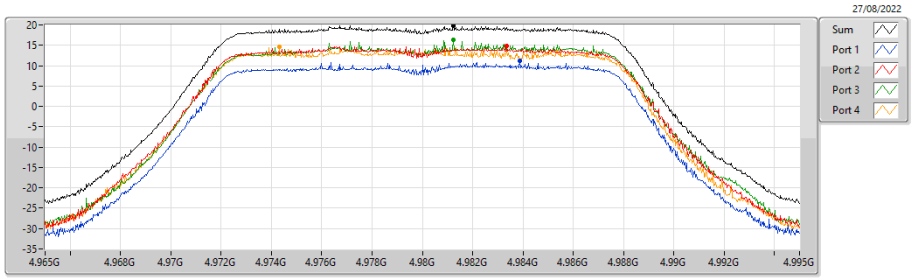
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.70	4.965G	30M	1M	3M	15.1	Peak	1
14.63	4.965G	30M	1M	3M	15.1	Peak	2
16.71	4.965G	30M	1M	3M	15.1	Peak	3
14.93	4.965G	30M	1M	3M	15.1	Peak	4
Sum PD							
(dBm/MHz)							
19.80							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
11.21	4.98G	30M	1M	3M	15.1	Peak	1
14.78	4.98G	30M	1M	3M	15.1	Peak	2
16.40	4.98G	30M	1M	3M	15.1	Peak	3
14.70	4.98G	30M	1M	3M	15.1	Peak	4
Sum PD							
(dBm/MHz)							
19.79							

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
802.11j_10MHz_Nss1_1TX	8.44
802.11j_10MHz_Nss1_2TX	11.06
802.11j_10MHz_Nss1_4TX	12.86
802.11j_20MHz_Nss1_1TX	10.67
802.11j_20MHz_Nss1_2TX	14.63
802.11j_20MHz_Nss1_4TX	16.69

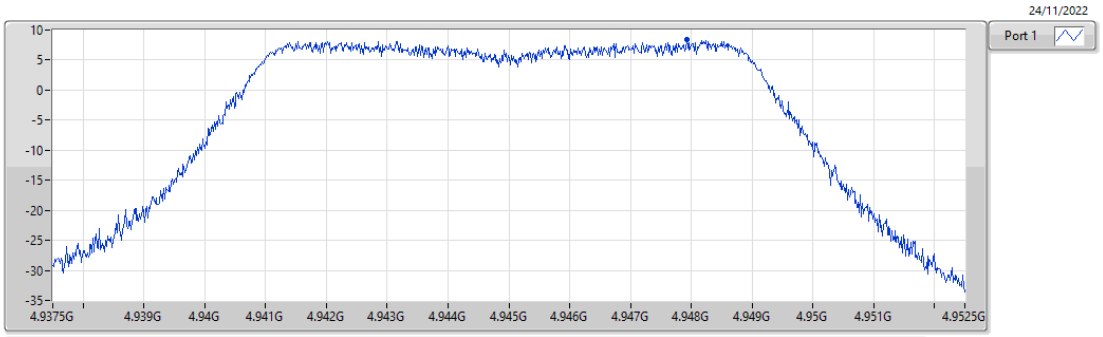
Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	8.44				8.44	21.00
4965MHz	Pass	3.00	8.32				8.32	21.00
4985MHz	Pass	3.00	8.36				8.36	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	4.48	9.41			10.28	21.00
4965MHz	Pass	6.01	4.58	9.55			10.46	21.00
4985MHz	Pass	6.01	5.16	10.12			11.06	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	3.60	8.04	8.20	7.38	12.64	21.00
4965MHz	Pass	9.02	3.63	8.11	8.43	7.47	12.65	21.00
4985MHz	Pass	9.02	3.72	8.30	8.40	7.73	12.86	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	10.48				10.48	21.00
4965MHz	Pass	3.00	10.67				10.67	21.00
4980MHz	Pass	3.00	10.64				10.64	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	6.88	12.69			13.51	21.00
4965MHz	Pass	6.01	8.06	13.78			14.63	21.00
4980MHz	Pass	6.01	8.17	13.76			14.62	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	6.93	11.59	12.09	11.79	16.21	21.00
4965MHz	Pass	9.02	7.75	12.18	12.70	12.11	16.69	21.00
4980MHz	Pass	9.02	8.26	12.28	12.64	12.37	16.65	21.00

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

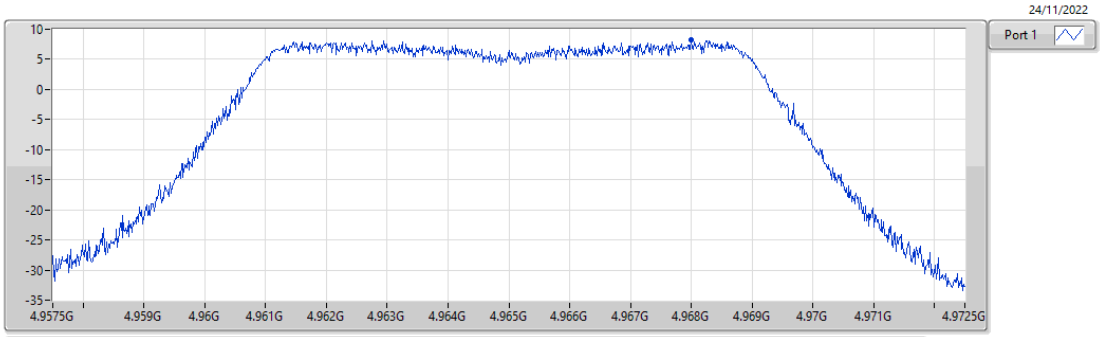
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.44	4.945G	15M	1M	3M	2.77	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

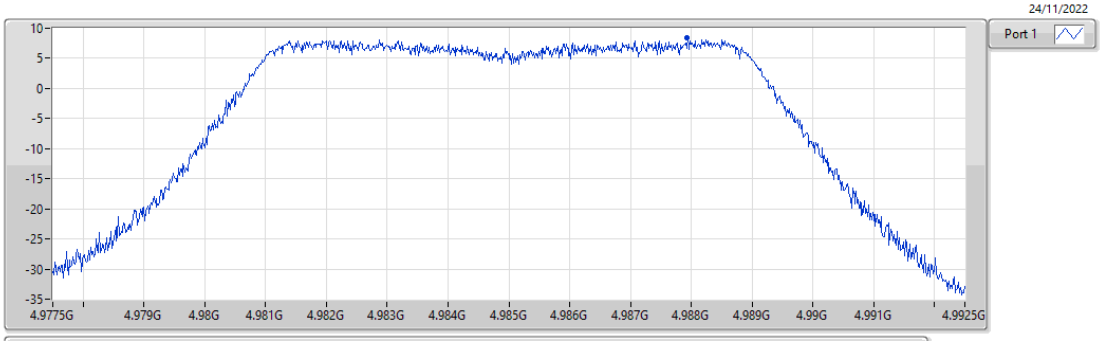
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.32	4.965G	15M	1M	3M	2.77	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

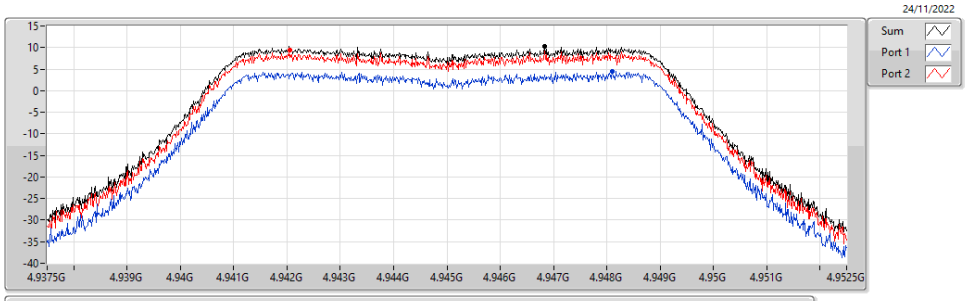
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.36	4.985G	15M	1M	3M	2.77	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

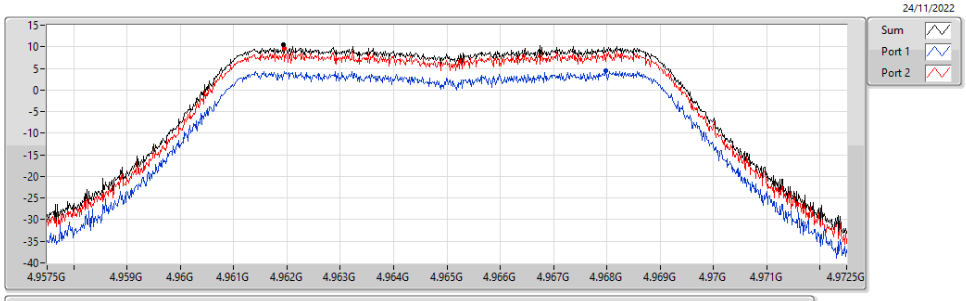
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
4.48	4.945G	15M	1M	3M	2.77	Peak	1
9.41	4.945G	15M	1M	3M	2.77	Peak	2
Sum PD							
(dBm/MHz)							
10.28							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

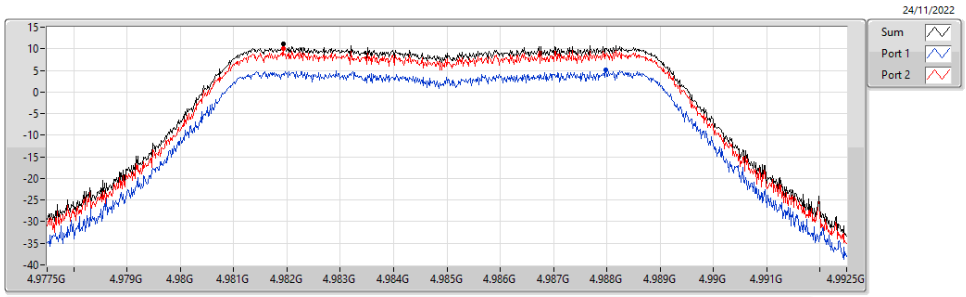
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
4.58	4.965G	15M	1M	3M	2.77	Peak	1
9.55	4.965G	15M	1M	3M	2.77	Peak	2
Sum PD							
(dBm/MHz)							
10.46							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

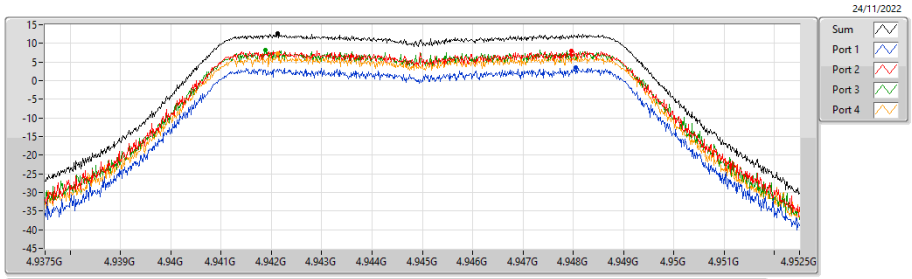
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.16	4.985G	15M	1M	3M	2.77	Peak	1
10.12	4.985G	15M	1M	3M	2.77	Peak	2
Sum PD							
(dBm/MHz)							
11.06							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

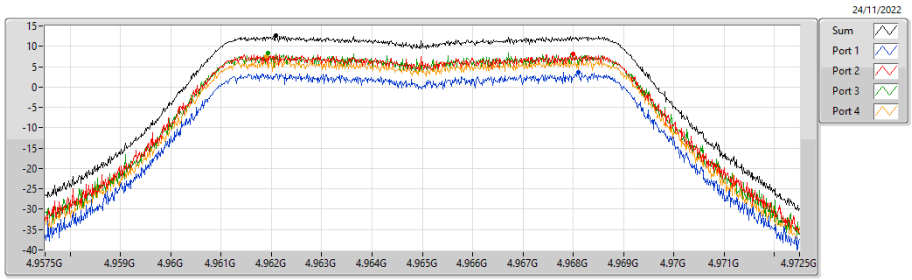
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.60	4.945G	15M	1M	3M	2.77	Peak	1
8.04	4.945G	15M	1M	3M	2.77	Peak	2
8.20	4.945G	15M	1M	3M	2.77	Peak	3
7.38	4.945G	15M	1M	3M	2.77	Peak	4
Sum PD							
(dBm/MHz)							
12.64							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

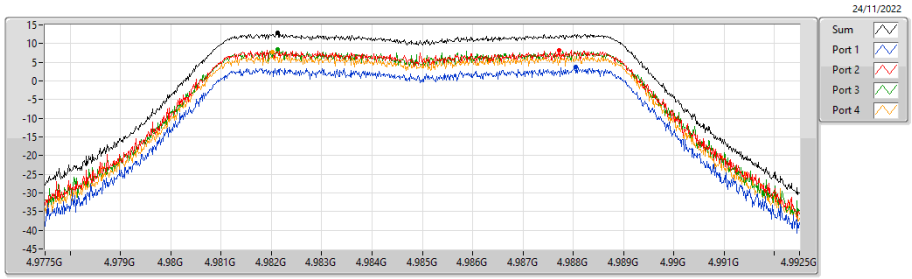
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.63	4.965G	15M	1M	3M	2.77	Peak	1
8.11	4.965G	15M	1M	3M	2.77	Peak	2
8.43	4.965G	15M	1M	3M	2.77	Peak	3
7.47	4.965G	15M	1M	3M	2.77	Peak	4
Sum PD							
(dBm/MHz)							
12.65							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

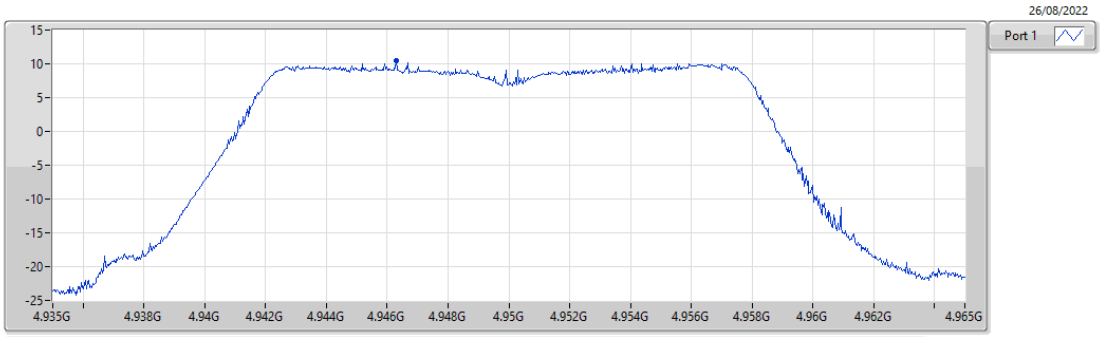
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.72	4.985G	15M	1M	3M	2.77	Peak	1
8.30	4.985G	15M	1M	3M	2.77	Peak	2
8.40	4.985G	15M	1M	3M	2.77	Peak	3
7.73	4.985G	15M	1M	3M	2.77	Peak	4
Sum PD							
(dBm/MHz)							
12.86							

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

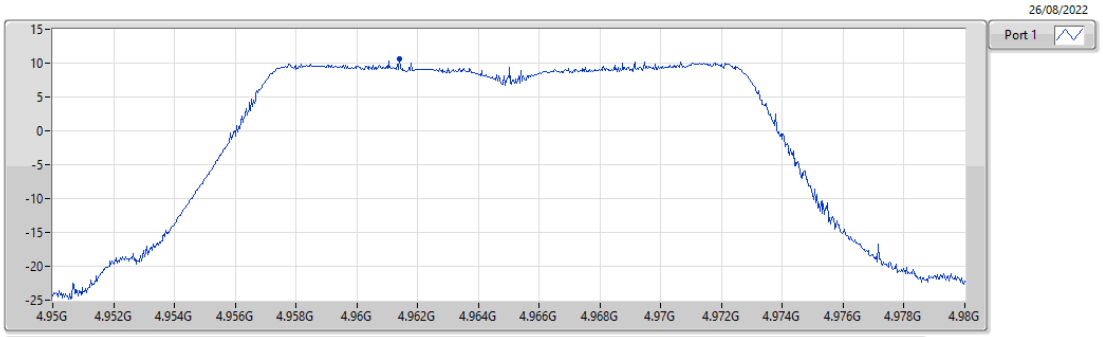
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.48	4.95G	30M	1M	3M	20.4	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

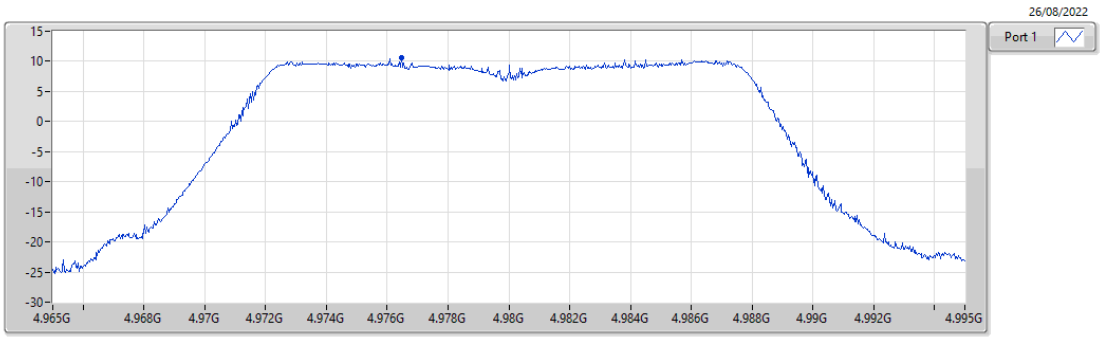
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.67	4.965G	30M	1M	3M	20.4	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

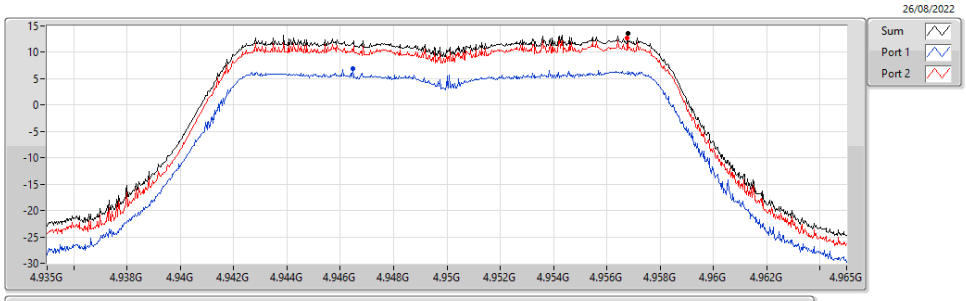
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.64	4.98G	30M	1M	3M	20.4	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

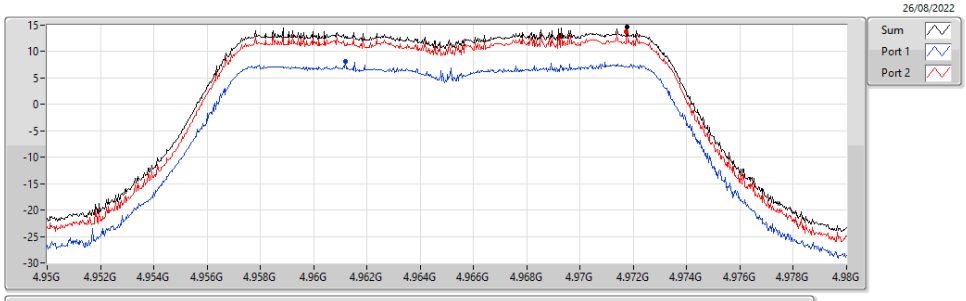
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
6.88	4.95G	30M	1M	3M	20.4	Peak	1
12.69	4.95G	30M	1M	3M	20.4	Peak	2
Sum PD							
(dBm/MHz)							
13.51							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

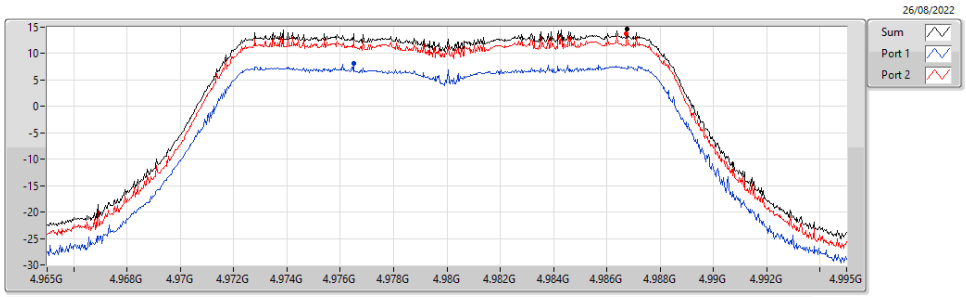
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.06	4.965G	30M	1M	3M	20.4	Peak	1
13.78	4.965G	30M	1M	3M	20.4	Peak	2
Sum PD							
(dBm/MHz)							
14.63							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

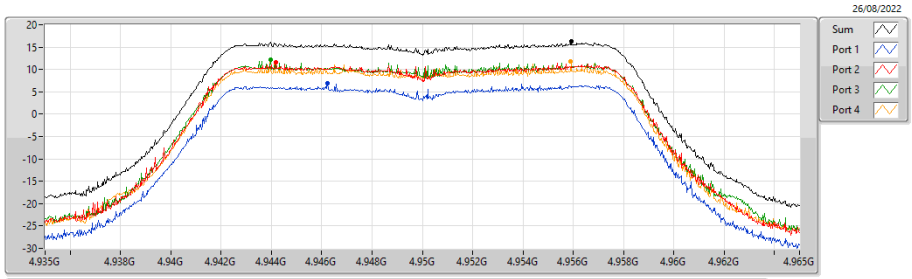
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.17	4.98G	30M	1M	3M	20.4	Peak	1
13.76	4.98G	30M	1M	3M	20.4	Peak	2
Sum PD							
(dBm/MHz)							
14.62							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

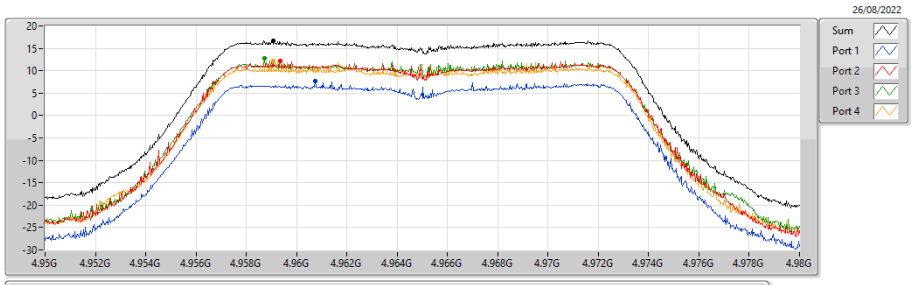
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
6.93	4.95G	30M	1M	3M	20.4	Peak	1
11.59	4.95G	30M	1M	3M	20.4	Peak	2
12.09	4.95G	30M	1M	3M	20.4	Peak	3
11.79	4.95G	30M	1M	3M	20.4	Peak	4
Sum PD							
(dBm/MHz)							
16.21							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

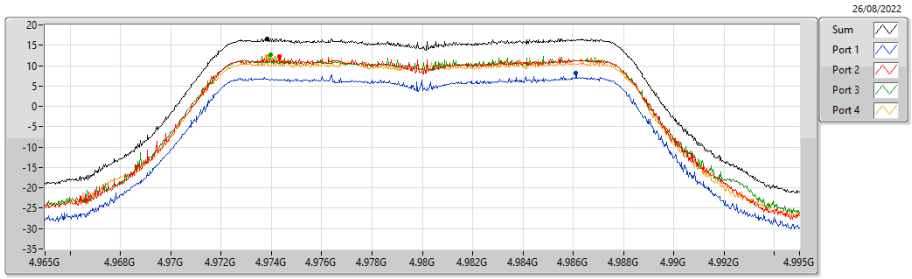
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.75	4.965G	30M	1M	3M	20.4	Peak	1
12.18	4.965G	30M	1M	3M	20.4	Peak	2
12.70	4.965G	30M	1M	3M	20.4	Peak	3
12.11	4.965G	30M	1M	3M	20.4	Peak	4
Sum PD							
(dBm/MHz)							
16.69							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.26	4.98G	30M	1M	3M	20.4	Peak	1
12.28	4.98G	30M	1M	3M	20.4	Peak	2
12.64	4.98G	30M	1M	3M	20.4	Peak	3
12.37	4.98G	30M	1M	3M	20.4	Peak	4
Sum PD							
(dBm/MHz)							
16.65							

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
802.11j_10MHz_Nss1_1TX	8.34
802.11j_10MHz_Nss1_2TX	11.02
802.11j_10MHz_Nss1_4TX	12.69
802.11j_20MHz_Nss1_1TX	10.75
802.11j_20MHz_Nss1_2TX	14.58
802.11j_20MHz_Nss1_4TX	17.31

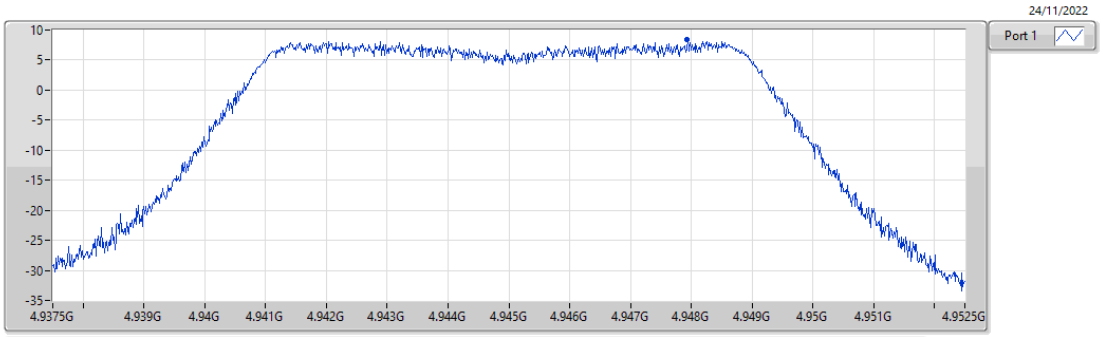
Result

Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	13.03	8.34				8.34	21.00
4965MHz	Pass	13.03	8.28				8.28	21.00
4985MHz	Pass	13.03	8.33				8.33	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	16.04	4.47	9.42			10.22	21.00
4965MHz	Pass	16.04	4.56	9.55			10.50	21.00
4985MHz	Pass	16.04	5.14	10.14			11.02	21.00
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	19.05	3.56	8.00	8.40	7.56	12.63	21.00
4965MHz	Pass	19.05	3.61	8.01	8.53	7.62	12.68	21.00
4985MHz	Pass	19.05	3.71	8.16	8.69	7.62	12.69	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	13.03	10.74				10.74	21.00
4965MHz	Pass	13.03	10.75				10.75	21.00
4980MHz	Pass	13.03	10.65				10.65	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	16.04	7.06	12.74			13.58	21.00
4965MHz	Pass	16.04	8.50	13.73			14.58	21.00
4980MHz	Pass	16.04	8.29	13.61			14.52	21.00
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	19.05	7.72	12.13	12.69	12.13	17.31	21.00
4965MHz	Pass	19.05	7.71	12.50	12.63	12.04	16.60	21.00
4980MHz	Pass	19.05	7.83	12.69	12.75	12.28	16.92	21.00

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

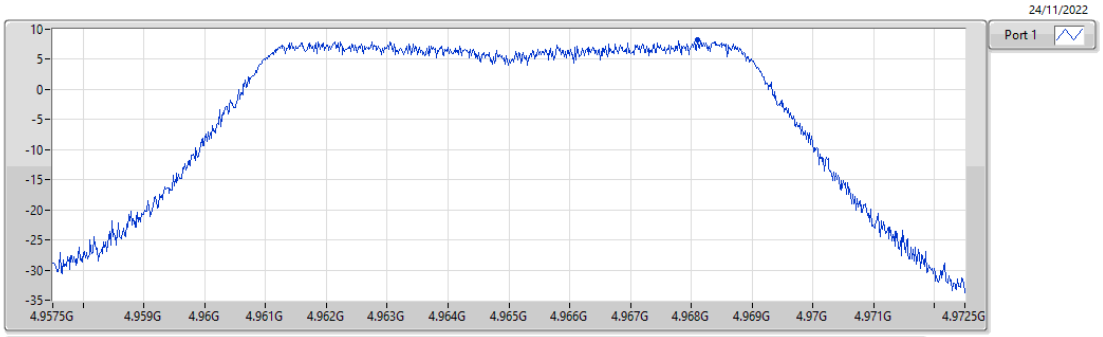
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.34	4.945G	15M	1M	3M	2.77	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

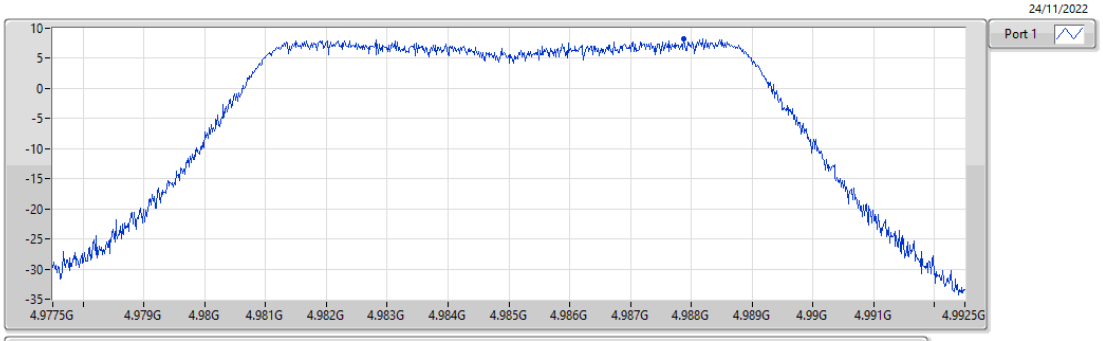
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.28	4.965G	15M	1M	3M	2.77	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PSD**

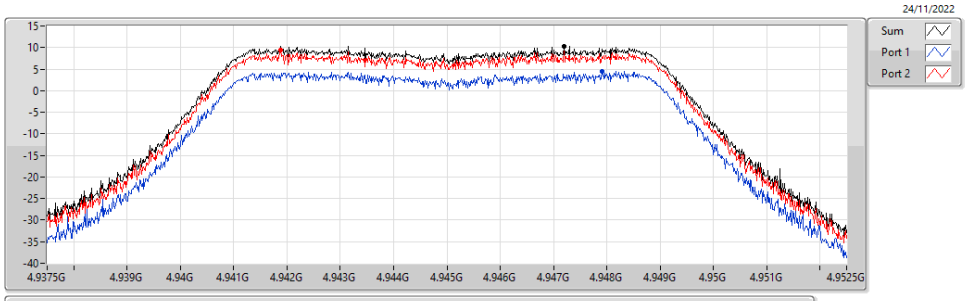
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.33	4.985G	15M	1M	3M	2.77	Peak	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

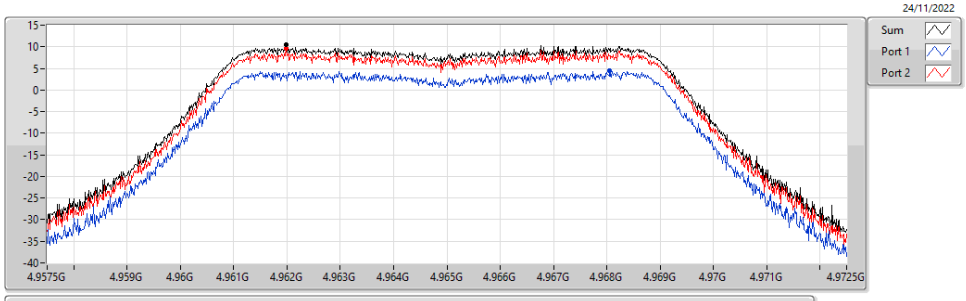
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
4.47	4.945G	15M	1M	3M	2.77	Peak	1
9.42	4.945G	15M	1M	3M	2.77	Peak	2
Sum PD							
(dBm/MHz)							
10.22							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

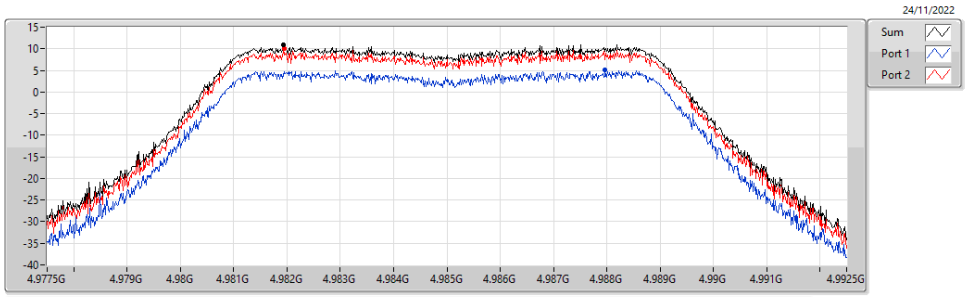
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
4.56	4.965G	15M	1M	3M	2.77	Peak	1
9.55	4.965G	15M	1M	3M	2.77	Peak	2
Sum PD							
(dBm/MHz)							
10.50							

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PSD**

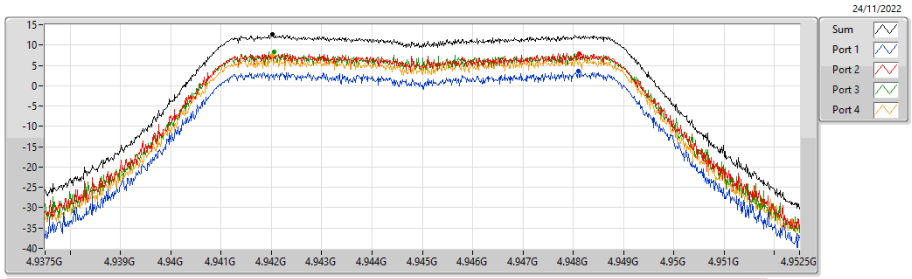
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.14	4.985G	15M	1M	3M	2.77	Peak	1
10.14	4.985G	15M	1M	3M	2.77	Peak	2
Sum PD							
(dBm/MHz)							
11.02							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

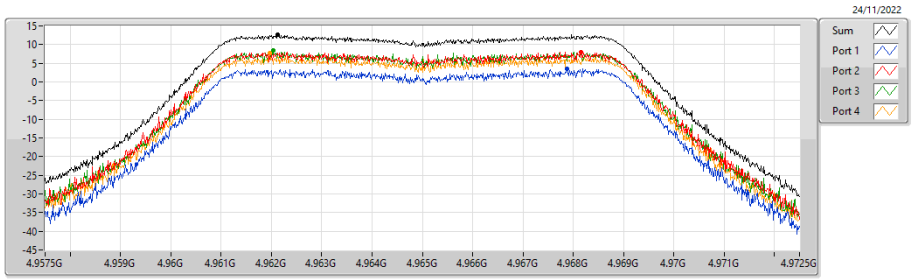
4945MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.56	4.945G	15M	1M	3M	2.77	Peak	1
8.00	4.945G	15M	1M	3M	2.77	Peak	2
8.40	4.945G	15M	1M	3M	2.77	Peak	3
7.56	4.945G	15M	1M	3M	2.77	Peak	4
Sum PD							
(dBm/MHz)							
12.63							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

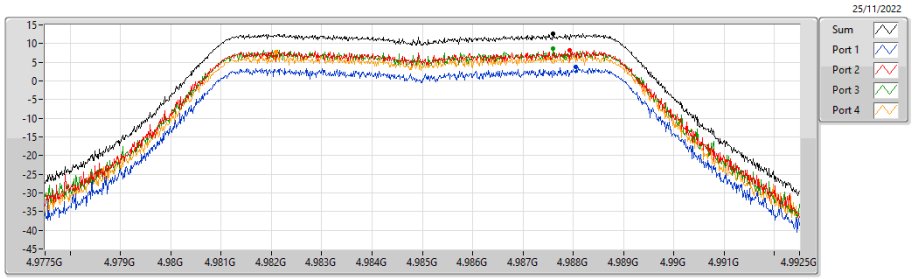
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.61	4.965G	15M	1M	3M	2.77	Peak	1
8.01	4.965G	15M	1M	3M	2.77	Peak	2
8.53	4.965G	15M	1M	3M	2.77	Peak	3
7.62	4.965G	15M	1M	3M	2.77	Peak	4
Sum PD							
(dBm/MHz)							
12.68							

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PSD**

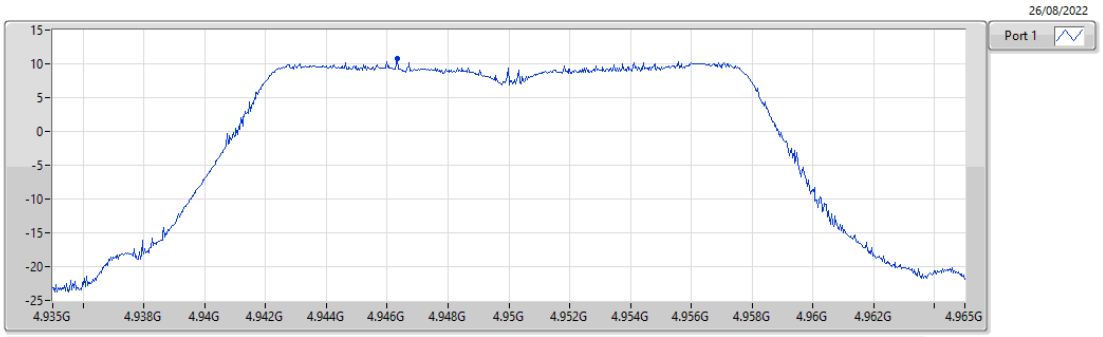
4985MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
3.71	4.985G	15M	1M	3M	2.77	Peak	1
8.16	4.985G	15M	1M	3M	2.77	Peak	2
8.69	4.985G	15M	1M	3M	2.77	Peak	3
7.62	4.985G	15M	1M	3M	2.77	Peak	4
Sum PD							
(dBm/MHz)							
12.69							

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

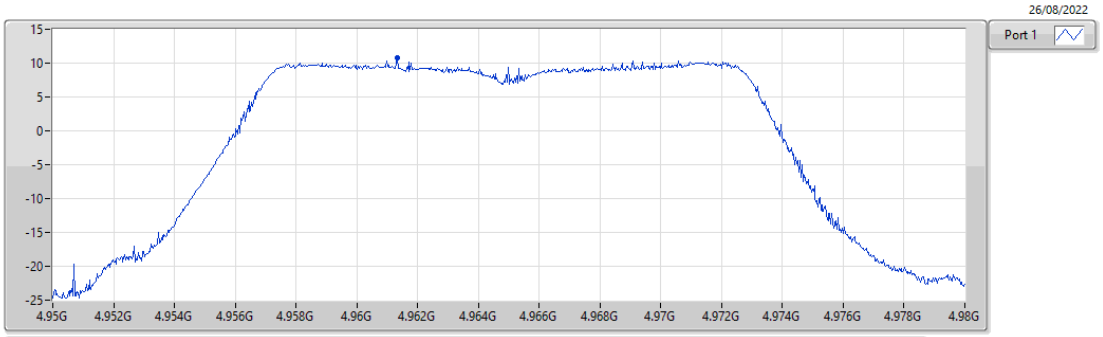
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.74	4.95G	30M	1M	3M	20.4	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

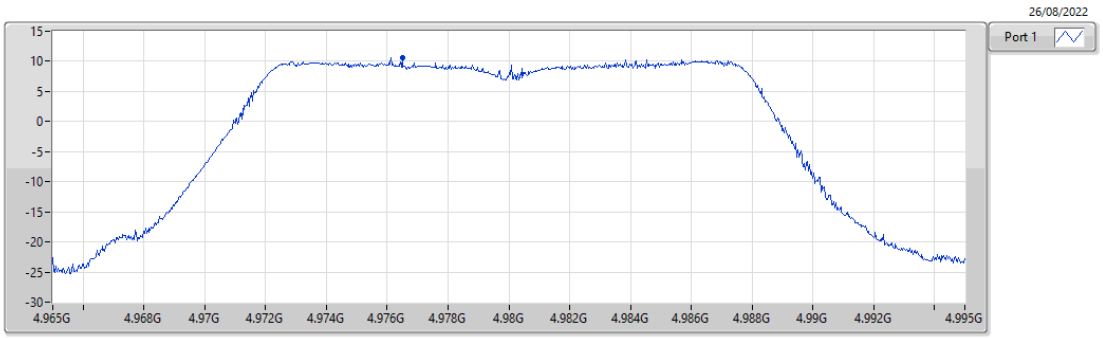
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.75	4.965G	30M	1M	3M	20.4	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PSD**

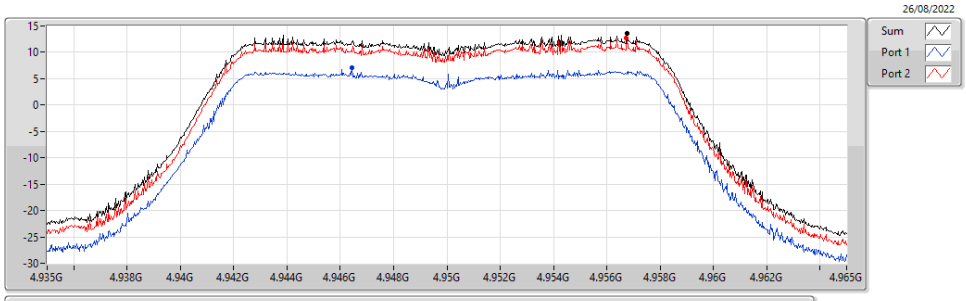
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.65	4.98G	30M	1M	3M	20.4	Peak	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

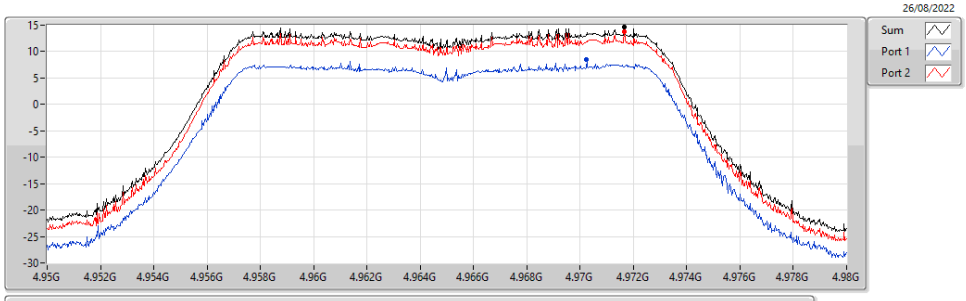
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.06	4.95G	30M	1M	3M	20.4	Peak	1
12.74	4.95G	30M	1M	3M	20.4	Peak	2
Sum PD							
(dBm/MHz)							
13.58							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

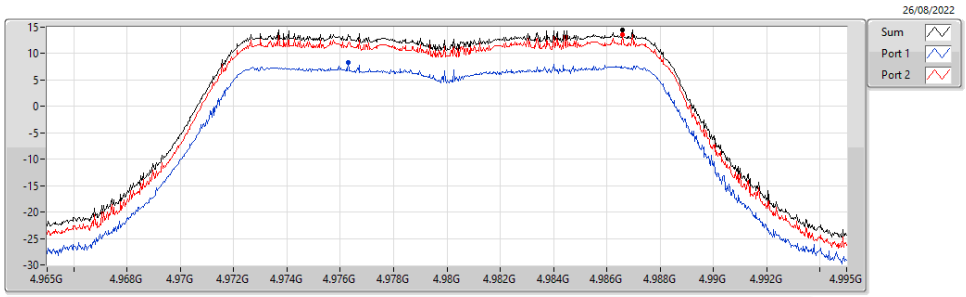
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.50	4.965G	30M	1M	3M	20.4	Peak	1
13.73	4.965G	30M	1M	3M	20.4	Peak	2
Sum PD							
(dBm/MHz)							
14.58							

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PSD**

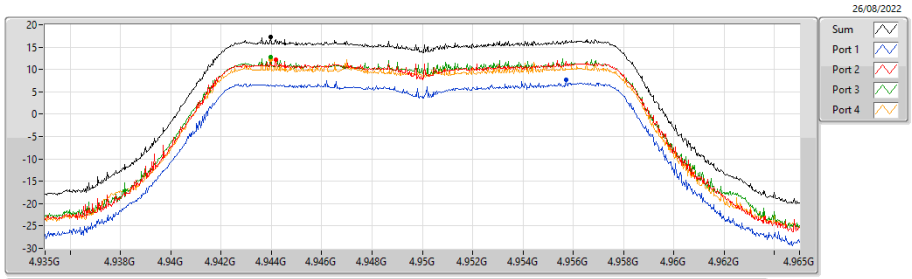
4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
8.29	4.98G	30M	1M	3M	20.4	Peak	1
13.61	4.98G	30M	1M	3M	20.4	Peak	2
Sum PD							
(dBm/MHz)							
14.52							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

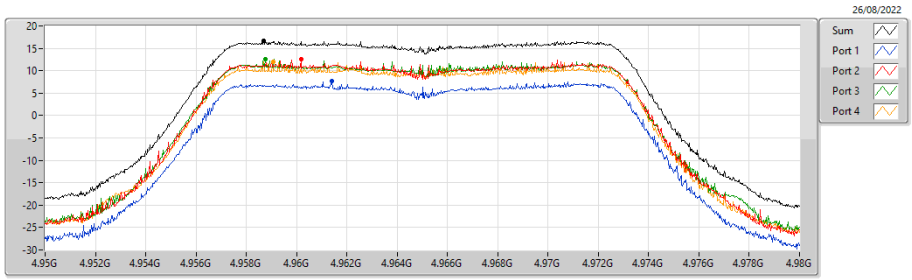
4950MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.72	4.95G	30M	1M	3M	20.4	Peak	1
12.13	4.95G	30M	1M	3M	20.4	Peak	2
12.69	4.95G	30M	1M	3M	20.4	Peak	3
12.13	4.95G	30M	1M	3M	20.4	Peak	4
Sum PD							
(dBm/MHz)							
17.31							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

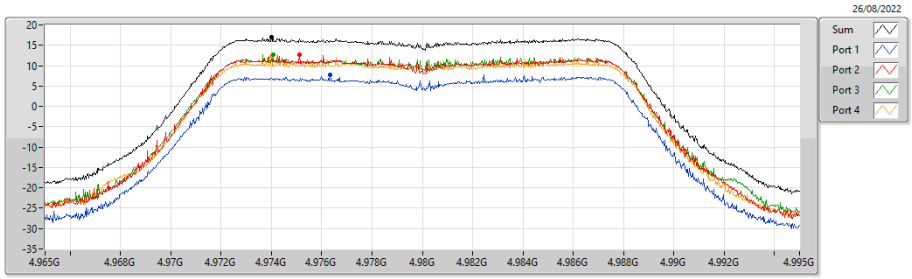
4965MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.71	4.965G	30M	1M	3M	20.4	Peak	1
12.50	4.965G	30M	1M	3M	20.4	Peak	2
12.63	4.965G	30M	1M	3M	20.4	Peak	3
12.04	4.965G	30M	1M	3M	20.4	Peak	4
Sum PD							
(dBm/MHz)							
16.60							

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PSD**

4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
7.83	4.98G	30M	1M	3M	20.4	Peak	1
12.69	4.98G	30M	1M	3M	20.4	Peak	2
12.75	4.98G	30M	1M	3M	20.4	Peak	3
12.28	4.98G	30M	1M	3M	20.4	Peak	4
Sum PD							
(dBm/MHz)							
16.92							

Summary

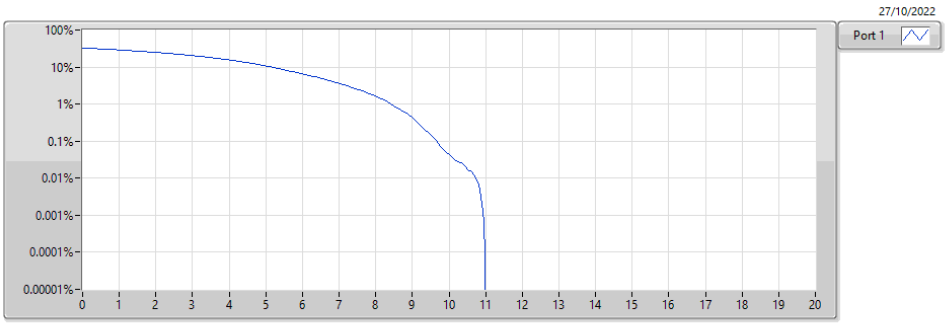
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	Pass	4965	13.00	10.03	1
802.11j_10MHz_Nss1_2TX	Pass	4945	13.00	10.29	1
802.11j_10MHz_Nss1_4TX	Pass	4985	13.00	10.64	1
802.11j_20MHz_Nss1_1TX	Pass	4980	13.00	11.28	1
802.11j_20MHz_Nss1_2TX	Pass	4980	13.00	11.57	1
802.11j_20MHz_Nss1_4TX	Pass	4965	13.00	10.99	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.68	1
4965MHz	Pass	4965	13.00	10.03	1
4985MHz	Pass	4985	13.00	9.54	1
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	10.29	1
4965MHz	Pass	4965	13.00	9.88	1
4985MHz	Pass	4985	13.00	9.94	1
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.59	1
4965MHz	Pass	4965	13.00	10.32	1
4985MHz	Pass	4985	13.00	10.64	1
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	10.84	1
4965MHz	Pass	4965	13.00	11.07	1
4980MHz	Pass	4980	13.00	11.28	1
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	11.33	1
4965MHz	Pass	4965	13.00	10.81	1
4980MHz	Pass	4980	13.00	11.57	1
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	10.75	1
4965MHz	Pass	4965	13.00	10.99	1
4980MHz	Pass	4980	13.00	10.93	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

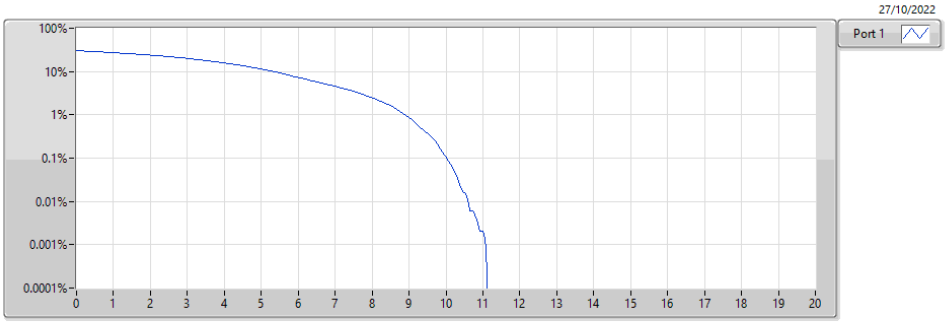
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.68	-3.32	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

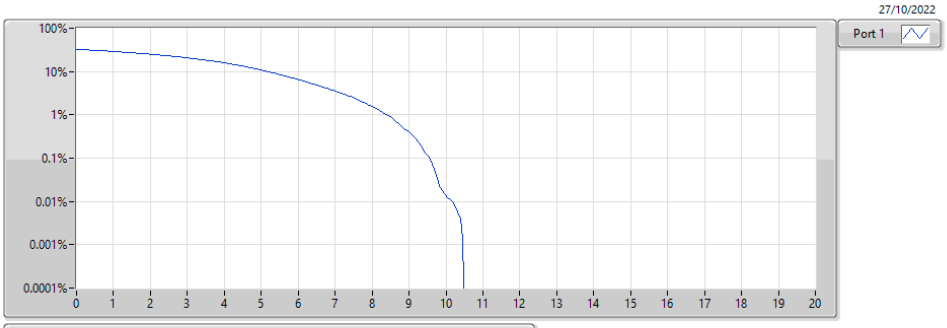
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	10.03	-2.97	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

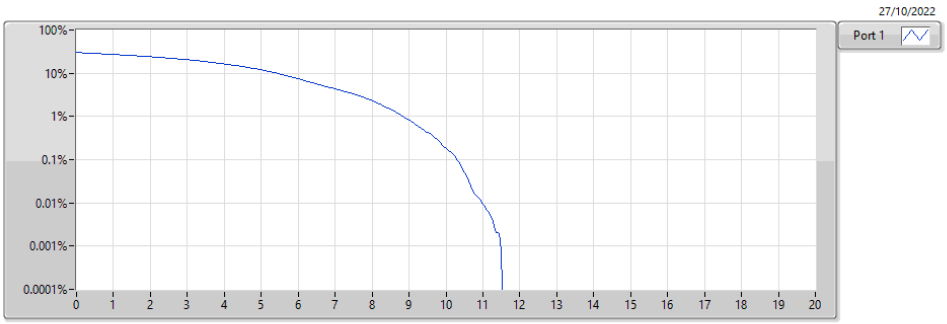
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.54	-3.46	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

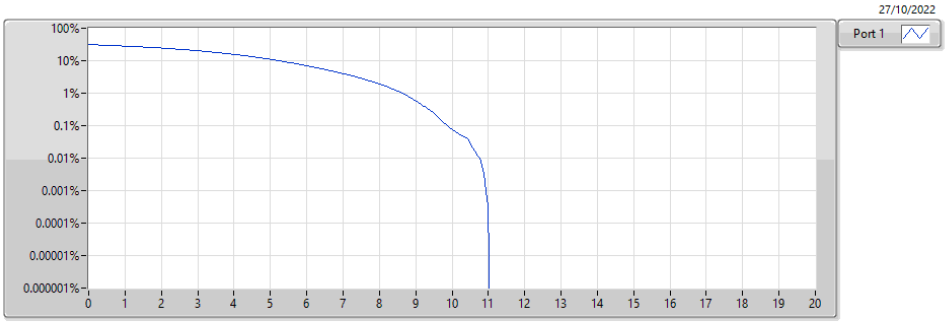
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	10.29	-2.71	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

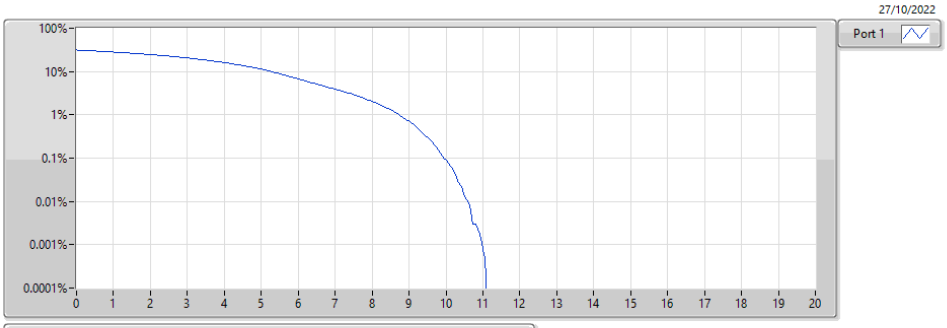
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.88	-3.12	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

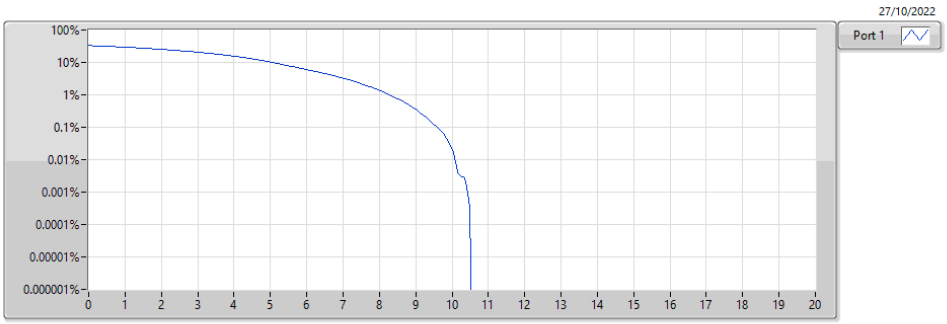
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.94	-3.06	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

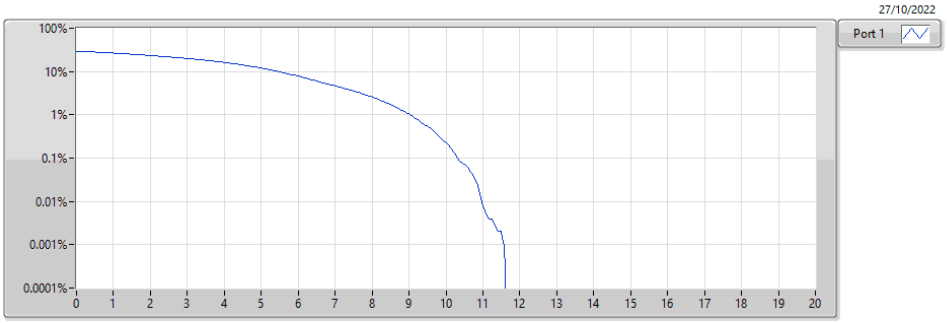
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.59	-3.41	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

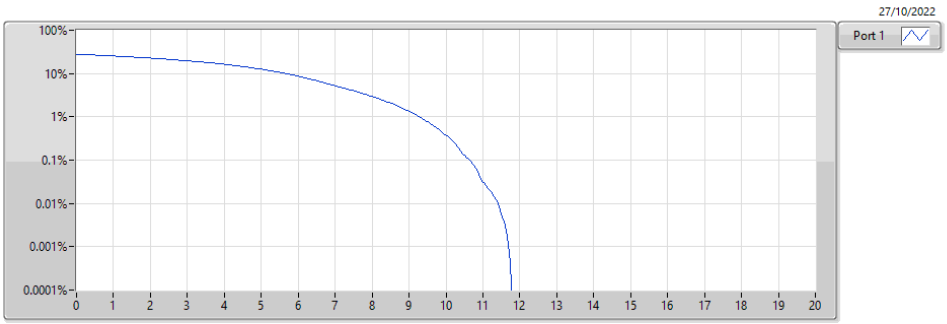
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	10.32	-2.68	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

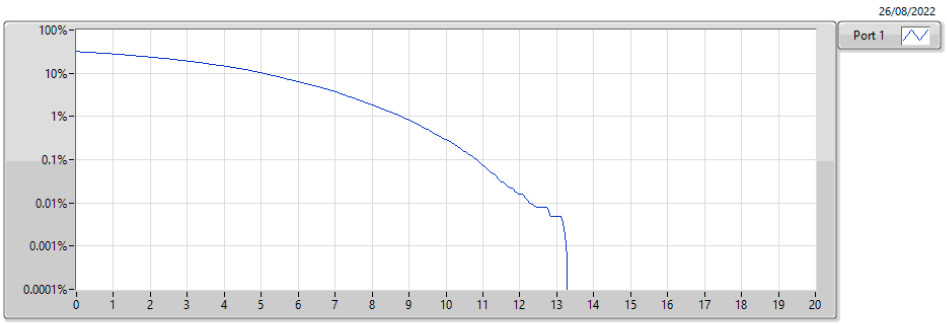
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	10.64	-2.36	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

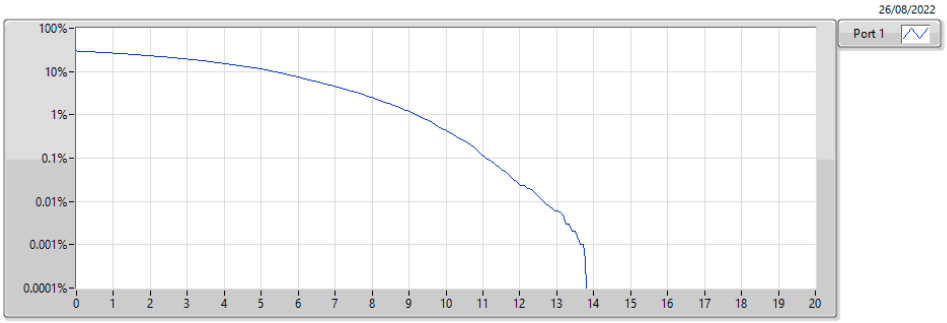
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	10.84	-2.16	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

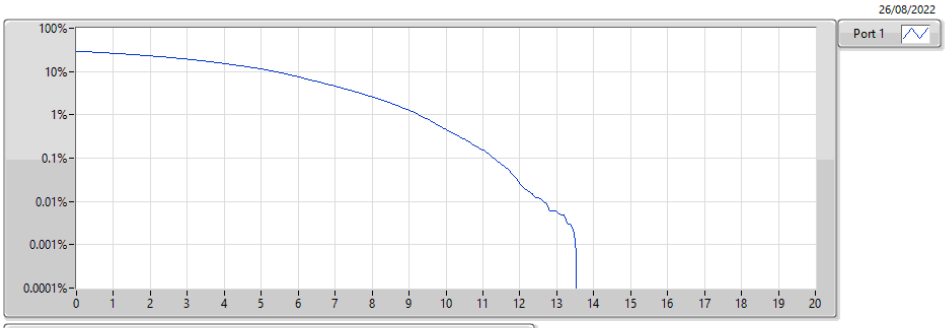
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	11.07	-1.93	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

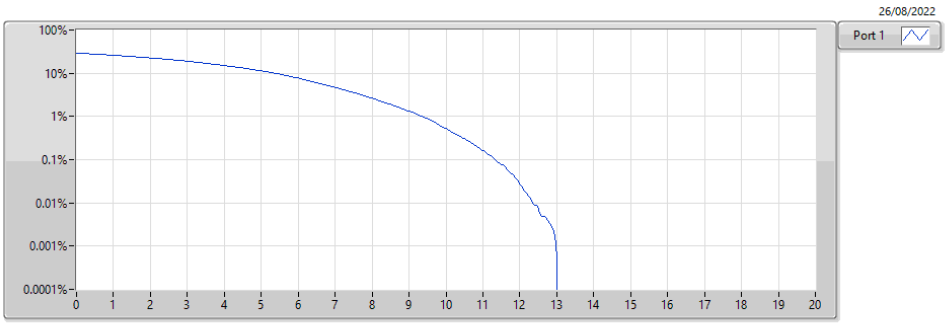
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	11.28	-1.72	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

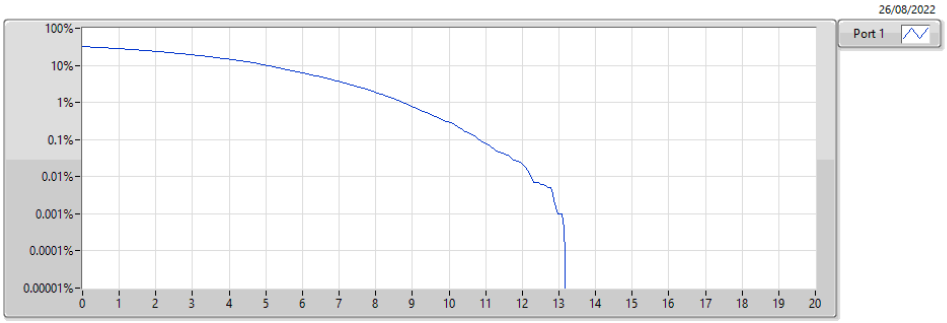
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	11.33	-1.67	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

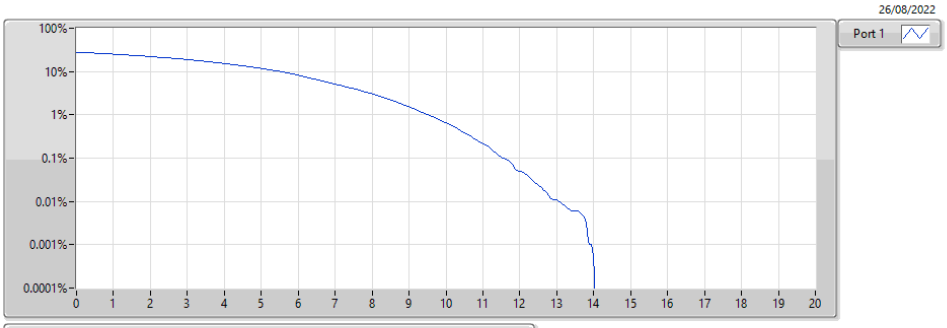
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	10.81	-2.19	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

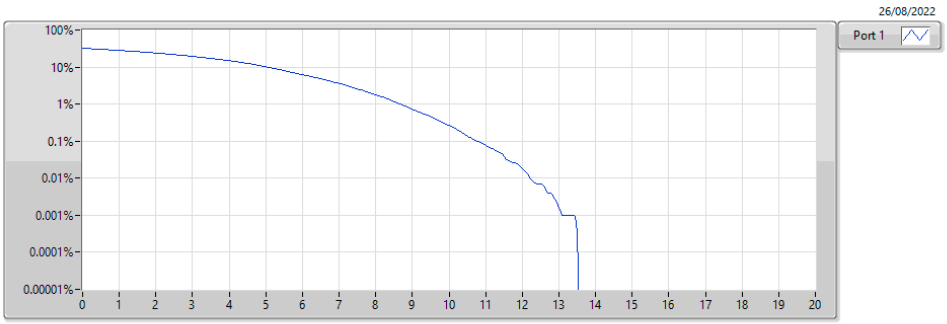
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	11.57	-1.43	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

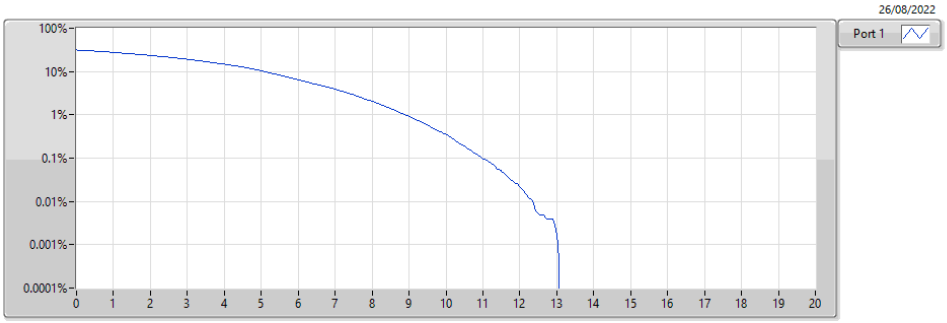
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	10.75	-2.25	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

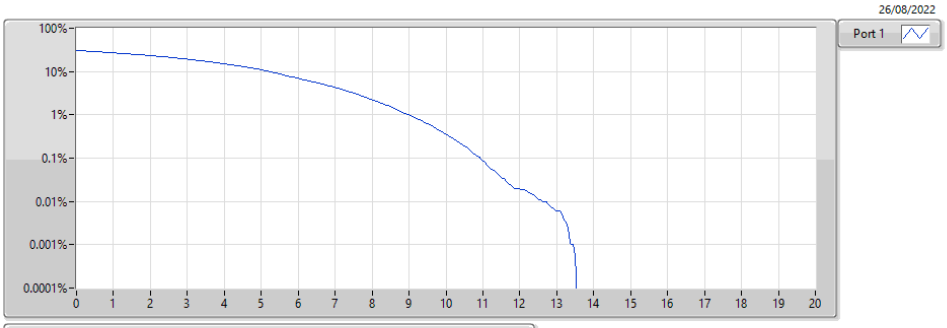
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	10.99	-2.01	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	10.93	-2.07	13.00	1

Summary

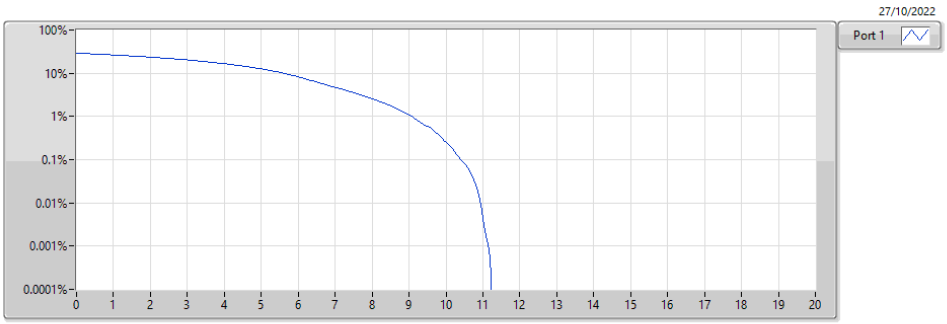
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	Pass	4945	13.00	10.41	1
802.11j_10MHz_Nss1_2TX	Pass	4945	13.00	10.46	1
802.11j_10MHz_Nss1_4TX	Pass	4985	13.00	10.06	1
802.11j_20MHz_Nss1_1TX	Pass	4950	13.00	7.19	1
802.11j_20MHz_Nss1_2TX	Pass	4950	13.00	7.39	1
802.11j_20MHz_Nss1_4TX	Pass	4980	13.00	7.39	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	10.41	1
4965MHz	Pass	4965	13.00	9.74	1
4985MHz	Pass	4985	13.00	9.68	1
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	10.46	1
4965MHz	Pass	4965	13.00	9.65	1
4985MHz	Pass	4985	13.00	10.12	1
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.57	1
4965MHz	Pass	4965	13.00	9.80	1
4985MHz	Pass	4985	13.00	10.06	1
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	7.19	1
4965MHz	Pass	4965	13.00	7.13	1
4980MHz	Pass	4980	13.00	7.19	1
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	7.39	1
4965MHz	Pass	4965	13.00	7.04	1
4980MHz	Pass	4980	13.00	7.33	1
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	7.36	1
4965MHz	Pass	4965	13.00	7.33	1
4980MHz	Pass	4980	13.00	7.39	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

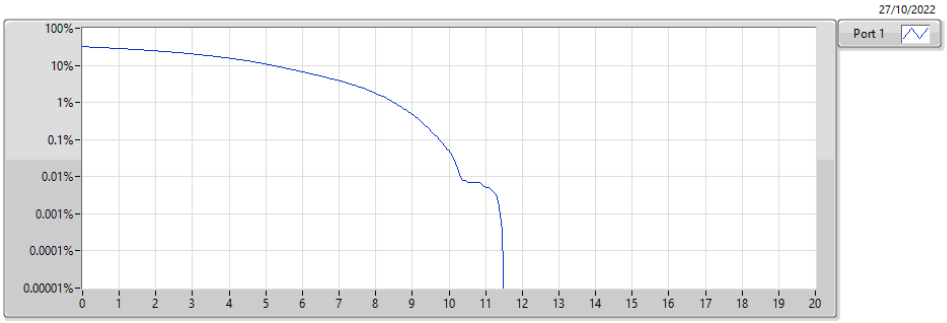
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	10.41	-2.59	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

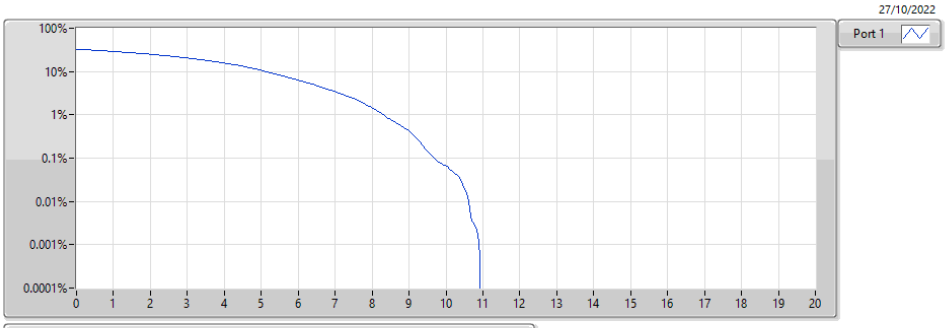
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.74	-3.26	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

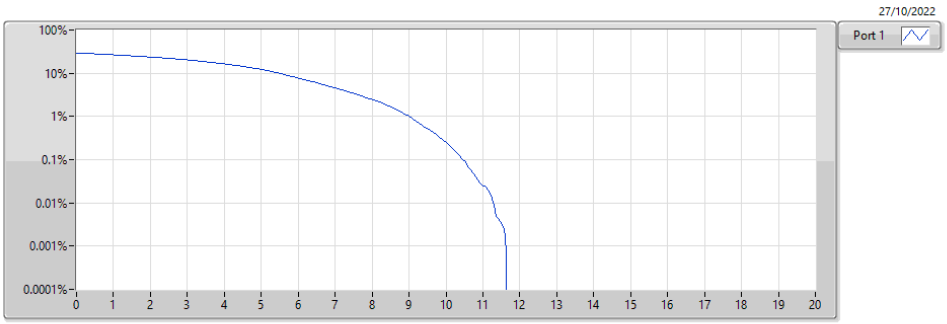
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.68	-3.32	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

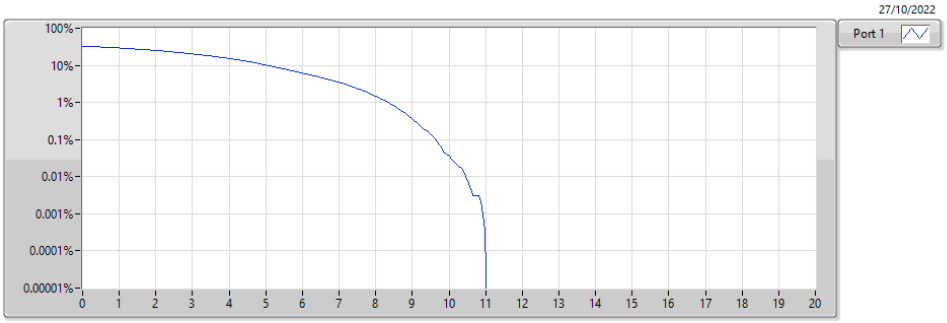
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	10.46	-2.54	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

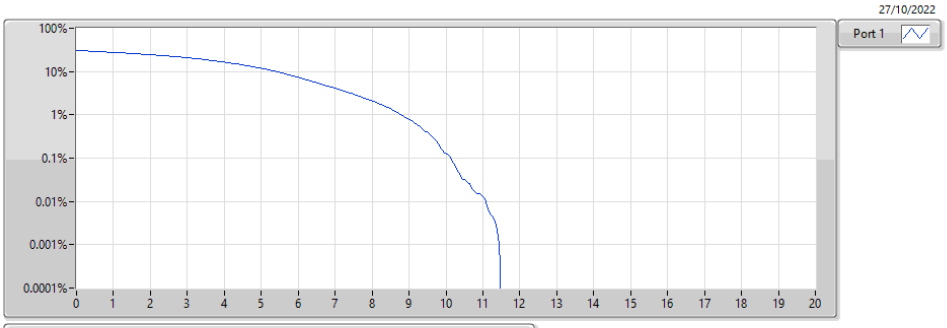
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.65	-3.35	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

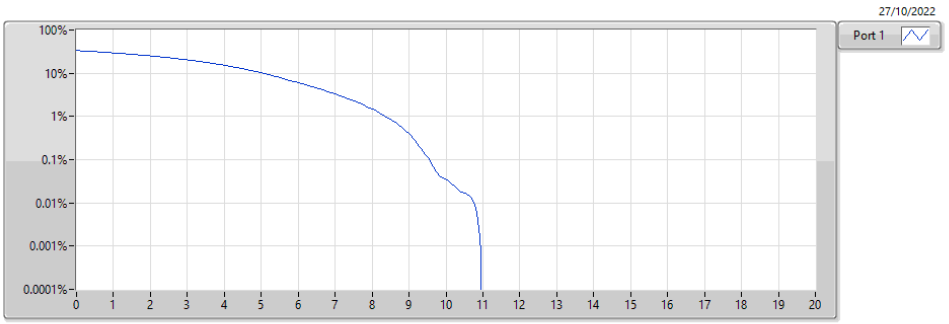
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	10.12	-2.88	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

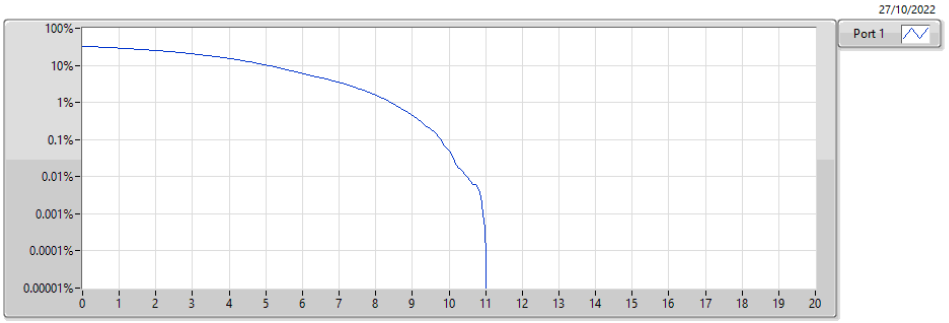
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.57	-3.43	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

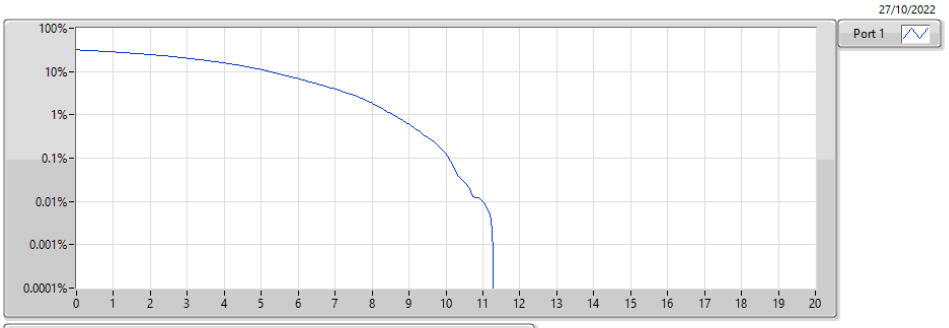
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.80	-3.20	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

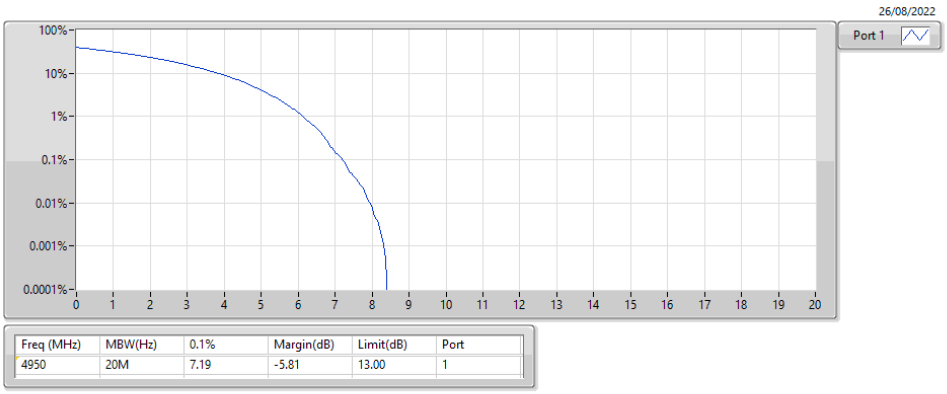
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	10.06	-2.94	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

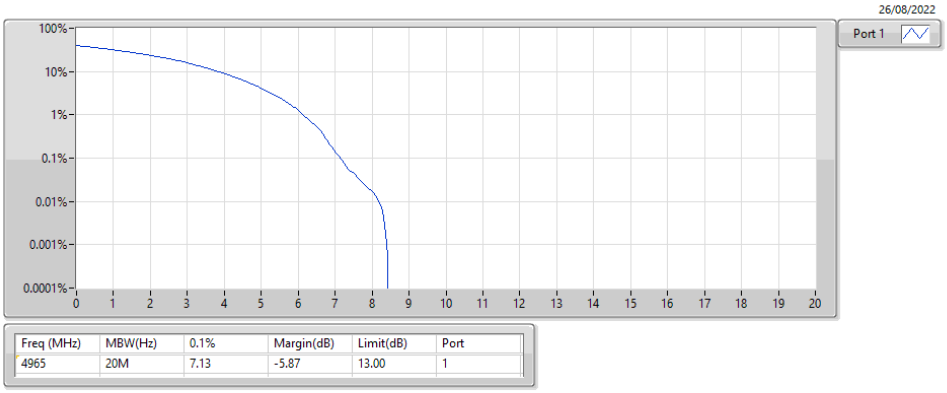
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	7.19	-5.81	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

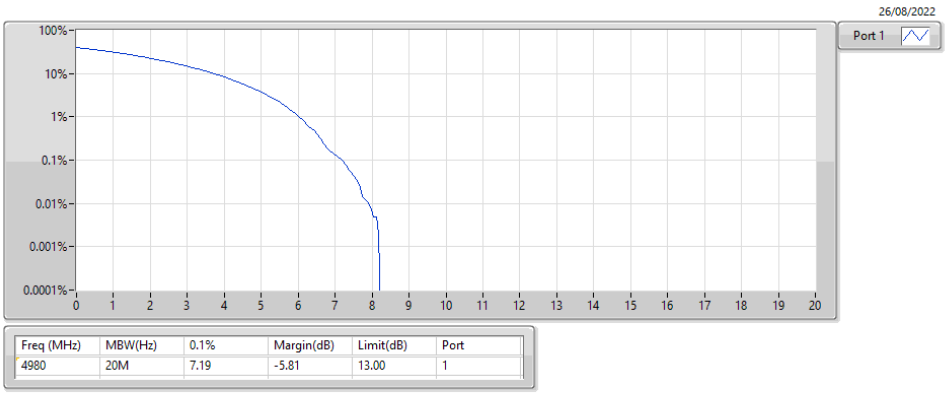
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	7.13	-5.87	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

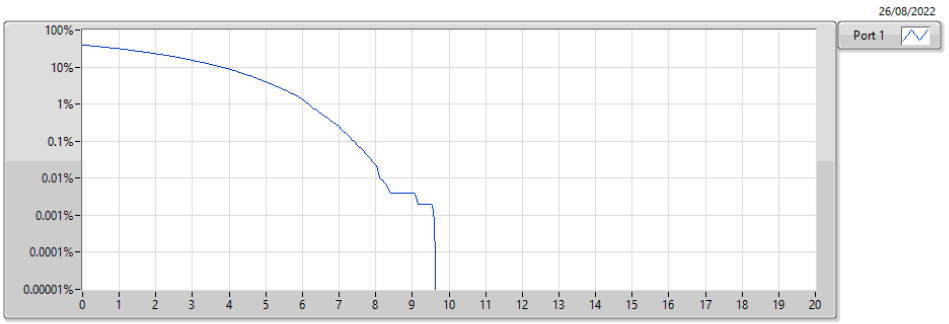
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	7.19	-5.81	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

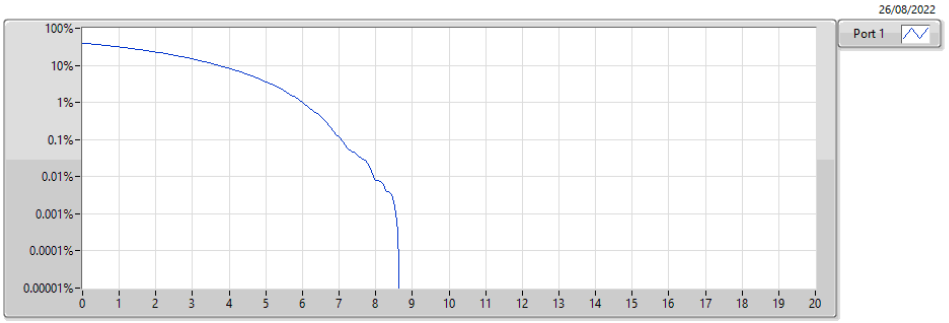
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	7.39	-5.61	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

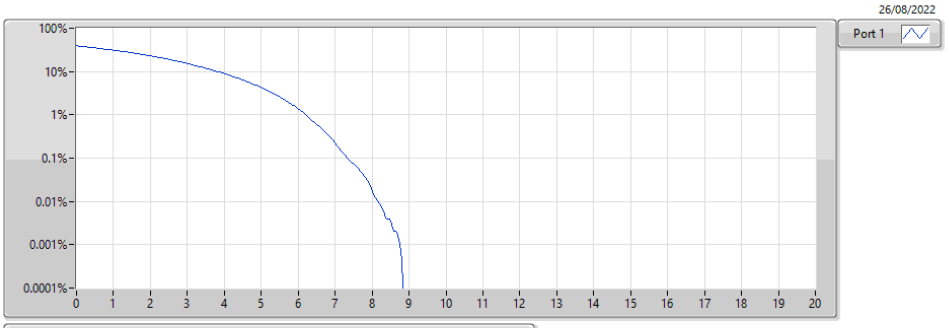
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	7.04	-5.96	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

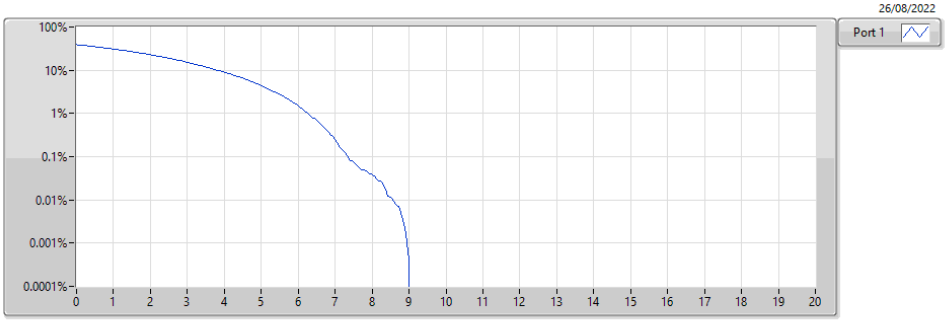
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	7.33	-5.67	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

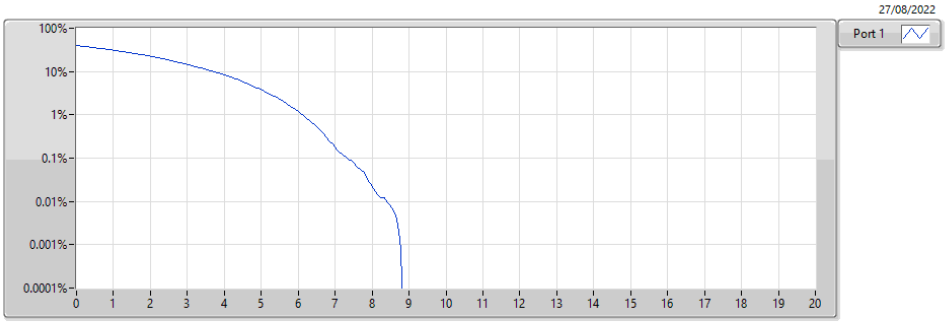
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	7.36	-5.64	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

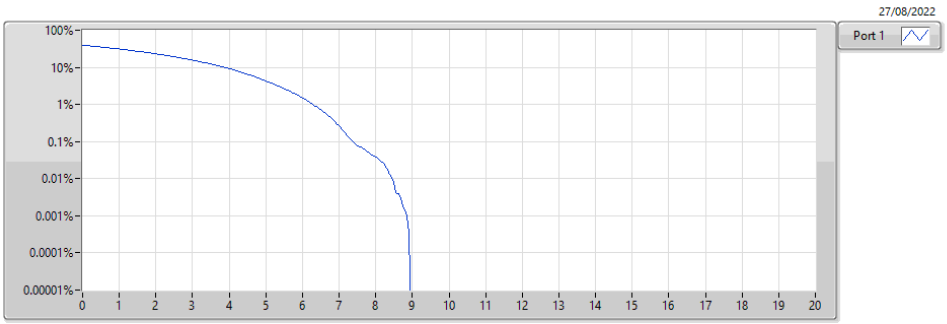
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	7.33	-5.67	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	7.39	-5.61	13.00	1

Summary

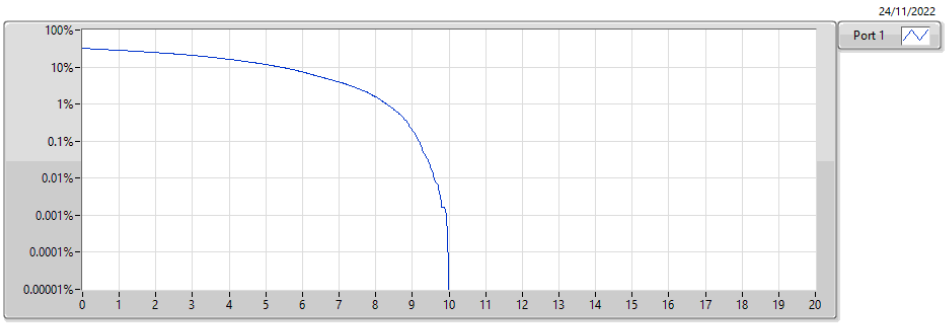
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	Pass	4985	13.00	9.20	1
802.11j_10MHz_Nss1_2TX	Pass	4945	13.00	9.26	1
802.11j_10MHz_Nss1_4TX	Pass	4965	13.00	9.20	1
802.11j_20MHz_Nss1_1TX	Pass	4950	13.00	6.72	1
802.11j_20MHz_Nss1_2TX	Pass	4980	13.00	7.07	1
802.11j_20MHz_Nss1_4TX	Pass	4980	13.00	6.96	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.18	1
4965MHz	Pass	4965	13.00	9.14	1
4985MHz	Pass	4985	13.00	9.20	1
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.26	1
4965MHz	Pass	4965	13.00	9.08	1
4985MHz	Pass	4985	13.00	9.18	1
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.04	1
4965MHz	Pass	4965	13.00	9.20	1
4985MHz	Pass	4985	13.00	9.06	1
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	6.72	1
4965MHz	Pass	4965	13.00	6.55	1
4980MHz	Pass	4980	13.00	6.55	1
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	6.96	1
4965MHz	Pass	4965	13.00	7.01	1
4980MHz	Pass	4980	13.00	7.07	1
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	6.75	1
4965MHz	Pass	4965	13.00	6.93	1
4980MHz	Pass	4980	13.00	6.96	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

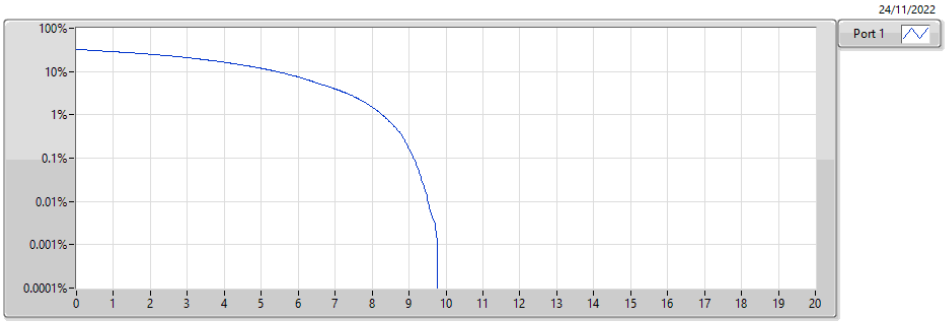
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.18	-3.82	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

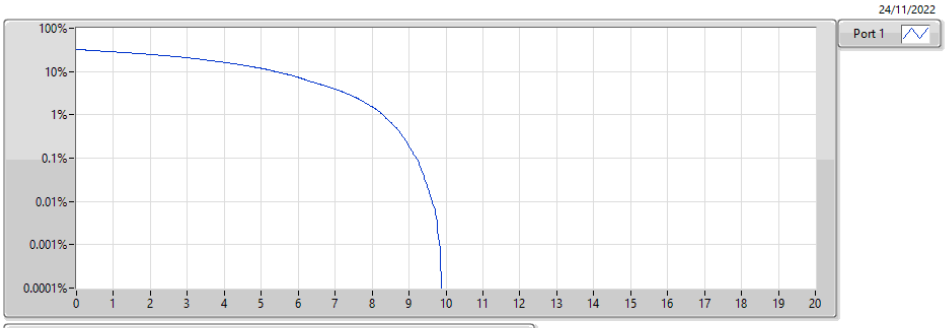
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.14	-3.86	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

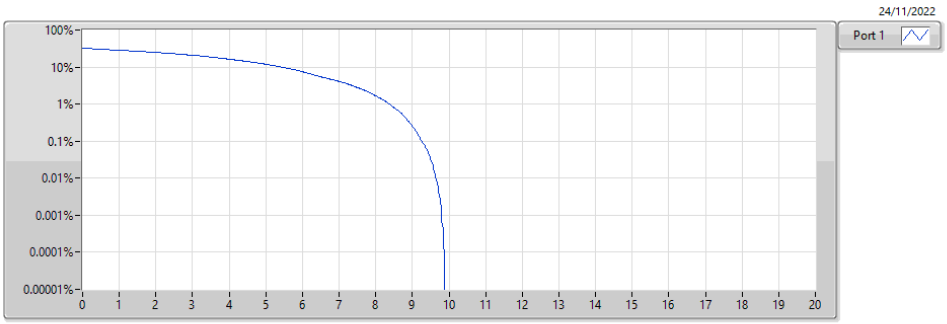
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.20	-3.80	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

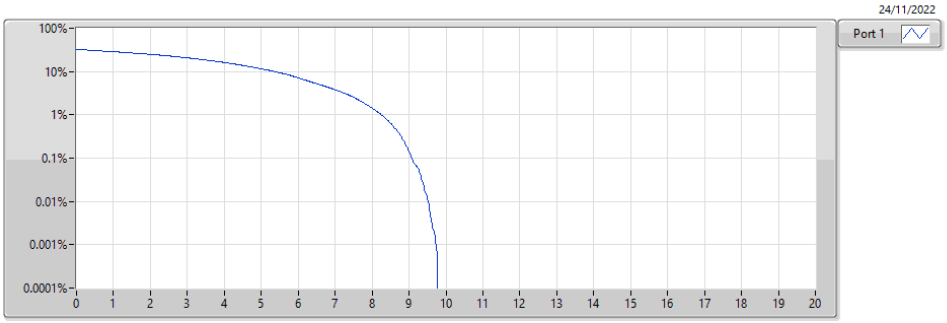
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.26	-3.74	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

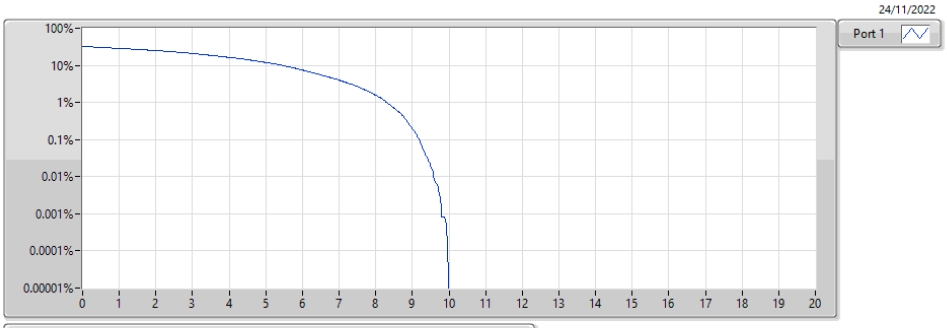
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.08	-3.92	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

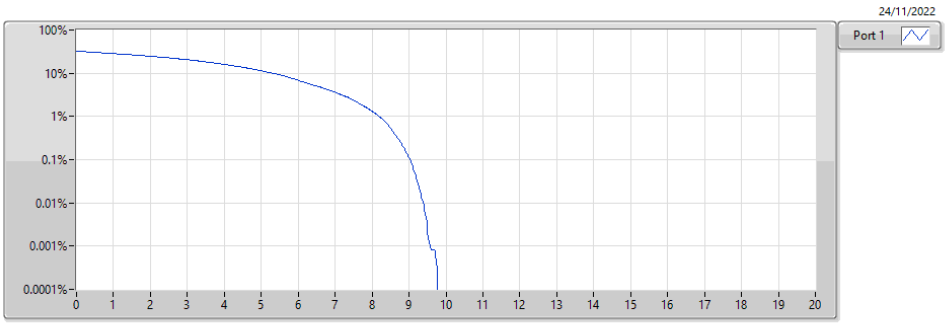
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.18	-3.82	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

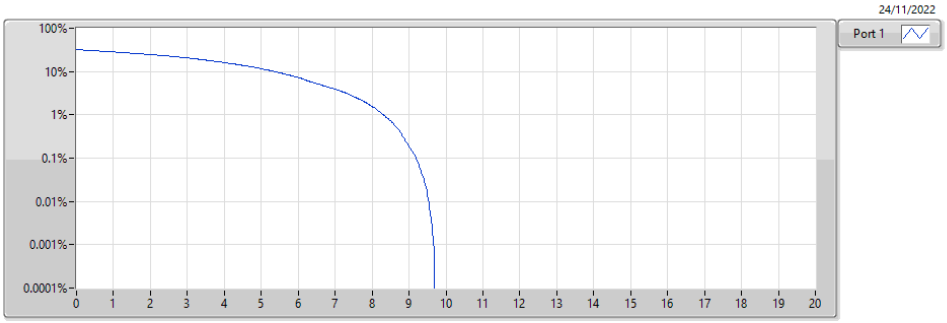
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.04	-3.96	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

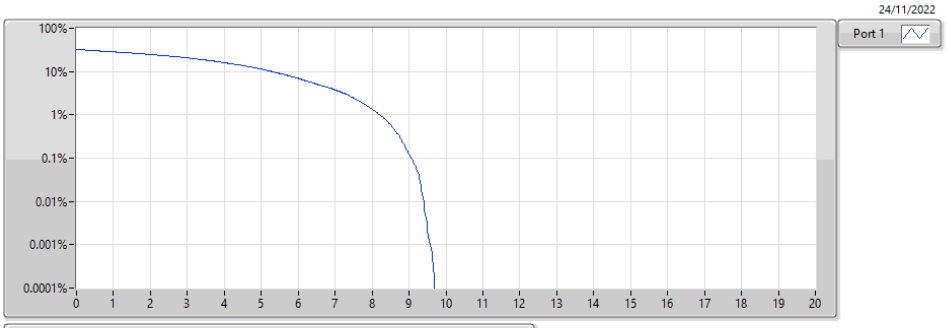
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.20	-3.80	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

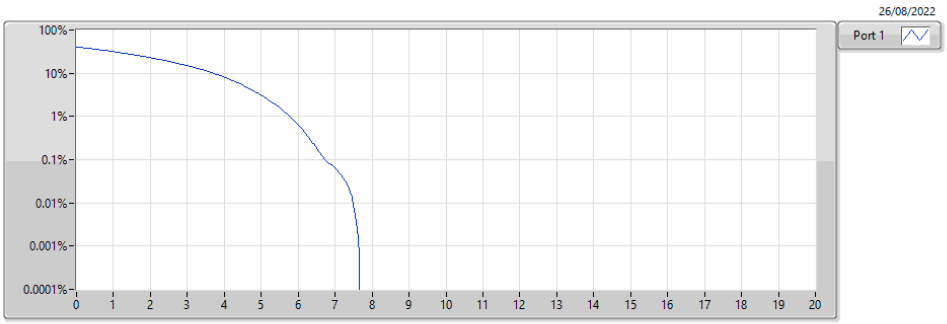
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.06	-3.94	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

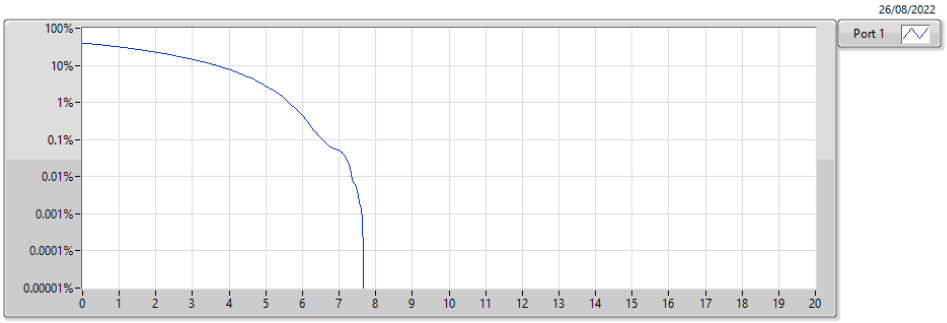
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	6.72	-6.28	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

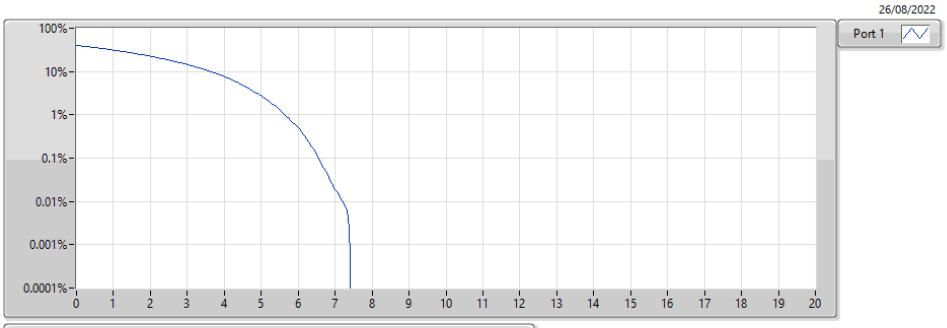
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	6.55	-6.45	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

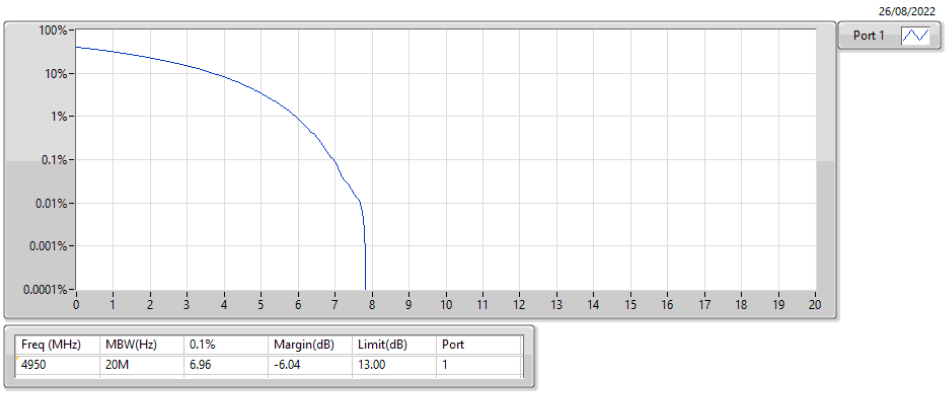
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	6.55	-6.45	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

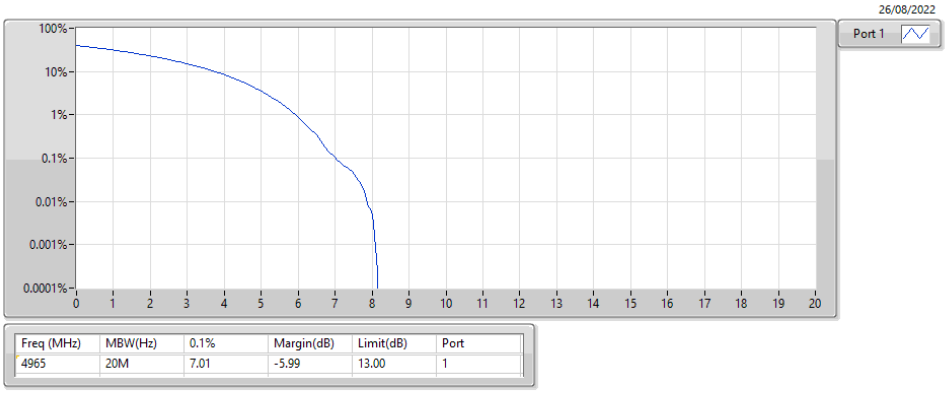
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	6.96	-6.04	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

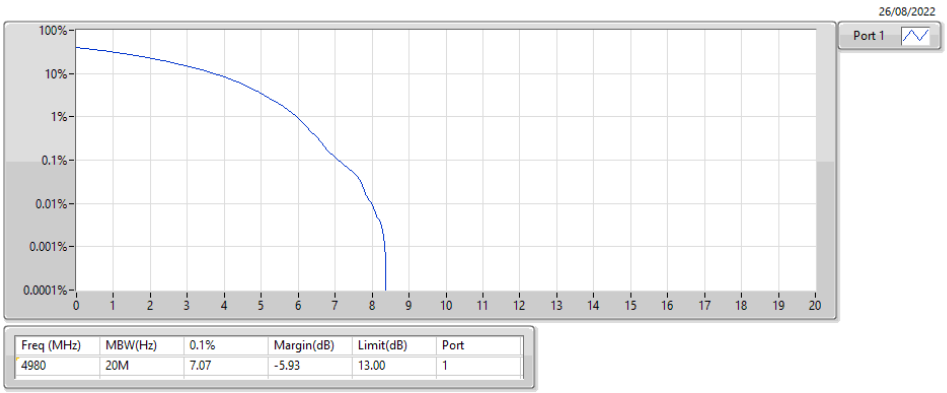
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	7.01	-5.99	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

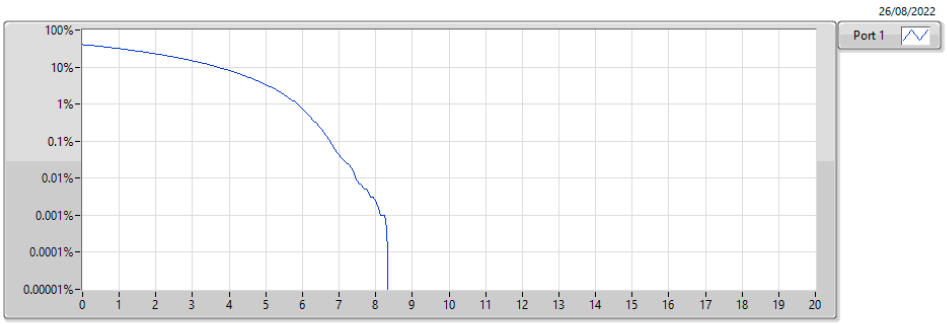
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	7.07	-5.93	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

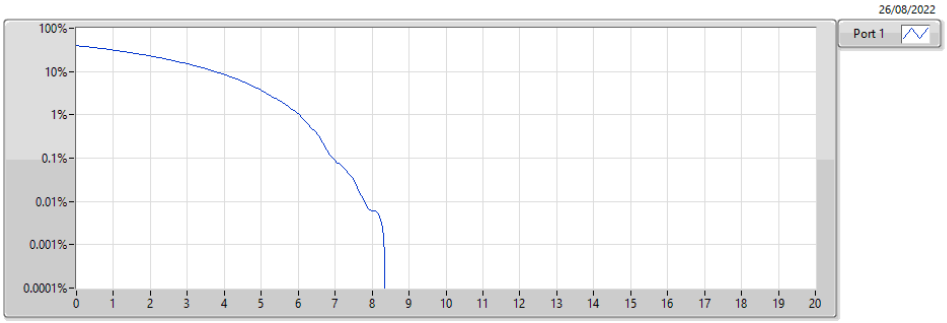
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	6.75	-6.25	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

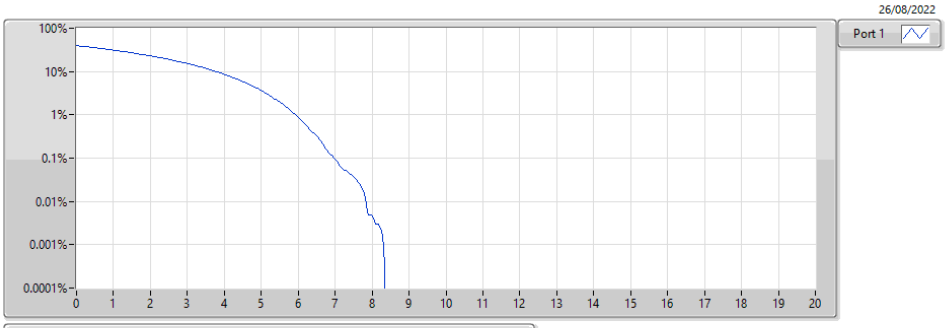
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	6.93	-6.07	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	6.96	-6.04	13.00	1

Summary

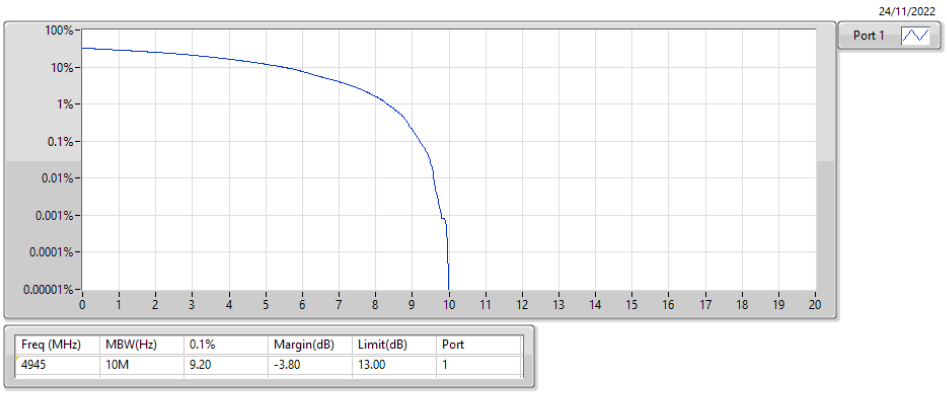
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	Pass	4945	13.00	9.20	1
802.11j_10MHz_Nss1_2TX	Pass	4985	13.00	9.30	1
802.11j_10MHz_Nss1_4TX	Pass	4965	13.00	9.28	1
802.11j_20MHz_Nss1_1TX	Pass	4950	13.00	6.75	1
802.11j_20MHz_Nss1_2TX	Pass	4980	13.00	6.99	1
802.11j_20MHz_Nss1_4TX	Pass	4965	13.00	7.01	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.20	1
4965MHz	Pass	4965	13.00	9.14	1
4985MHz	Pass	4985	13.00	9.06	1
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.12	1
4965MHz	Pass	4965	13.00	9.20	1
4985MHz	Pass	4985	13.00	9.30	1
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	9.06	1
4965MHz	Pass	4965	13.00	9.28	1
4985MHz	Pass	4985	13.00	9.20	1
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	6.75	1
4965MHz	Pass	4965	13.00	6.61	1
4980MHz	Pass	4980	13.00	6.43	1
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	6.72	1
4965MHz	Pass	4965	13.00	6.81	1
4980MHz	Pass	4980	13.00	6.99	1
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	6.78	1
4965MHz	Pass	4965	13.00	7.01	1
4980MHz	Pass	4980	13.00	7.01	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

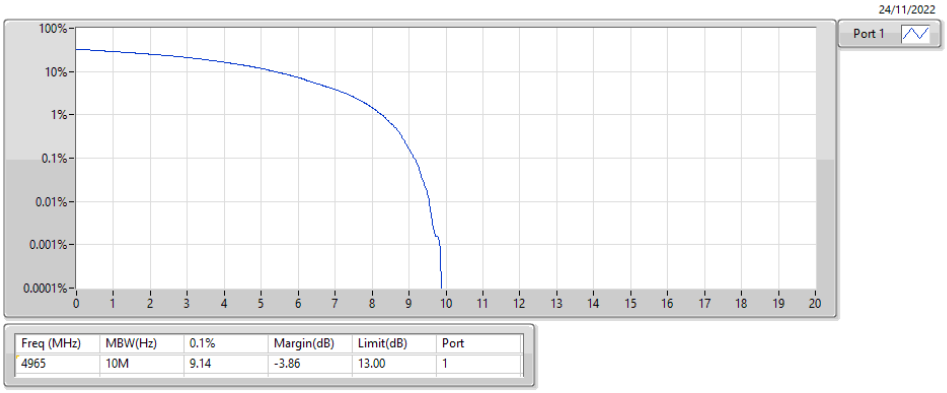
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.20	-3.80	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

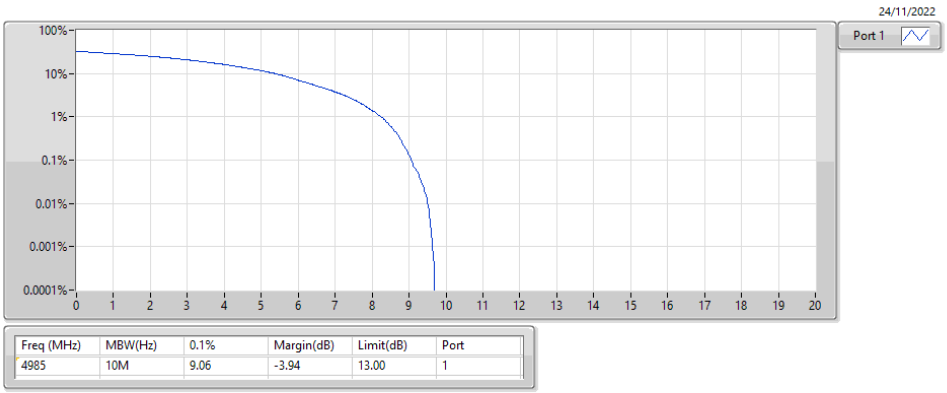
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.14	-3.86	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **PAR**

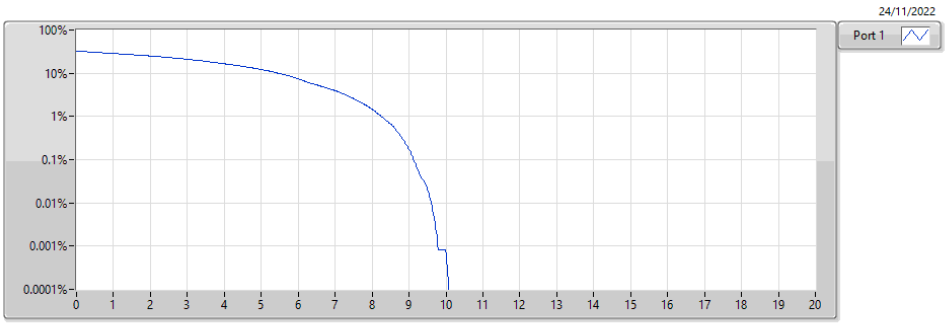
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.06	-3.94	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

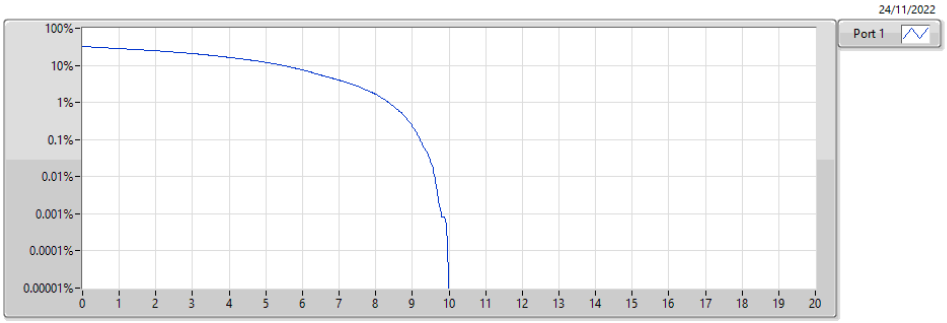
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.12	-3.88	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

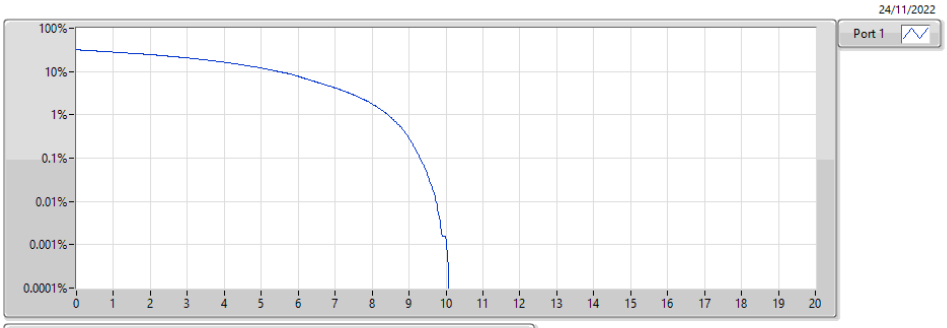
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.20	-3.80	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **PAR**

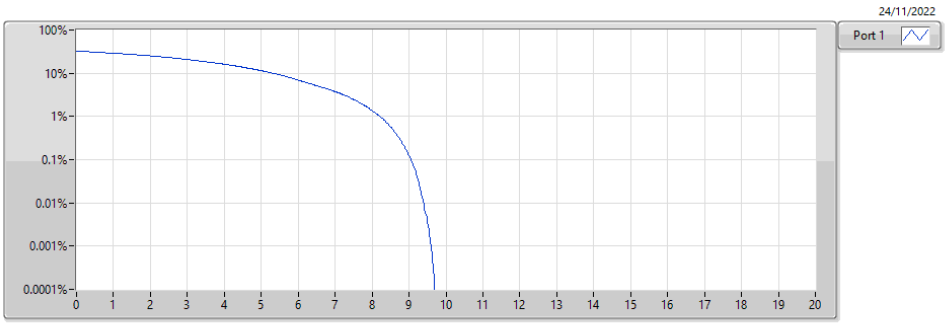
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.30	-3.70	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

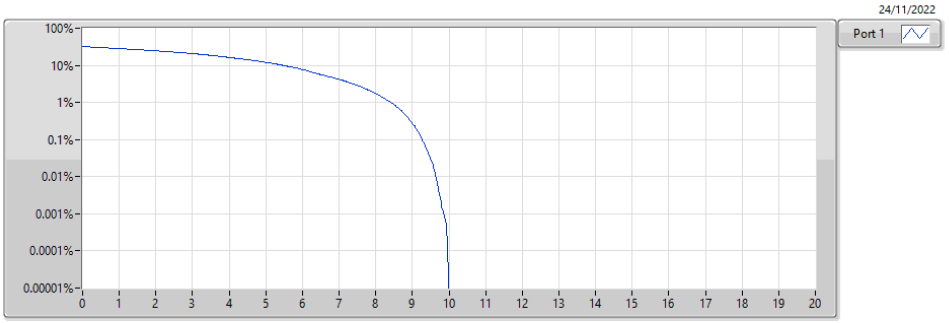
4945MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4945	10M	9.06	-3.94	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

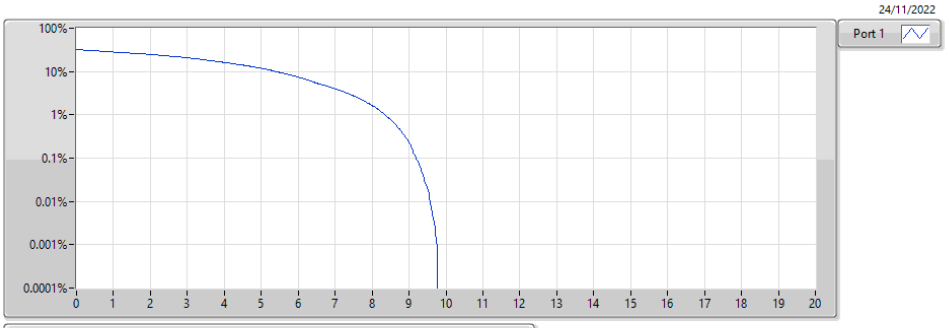
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	10M	9.28	-3.72	13.00	1

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **PAR**

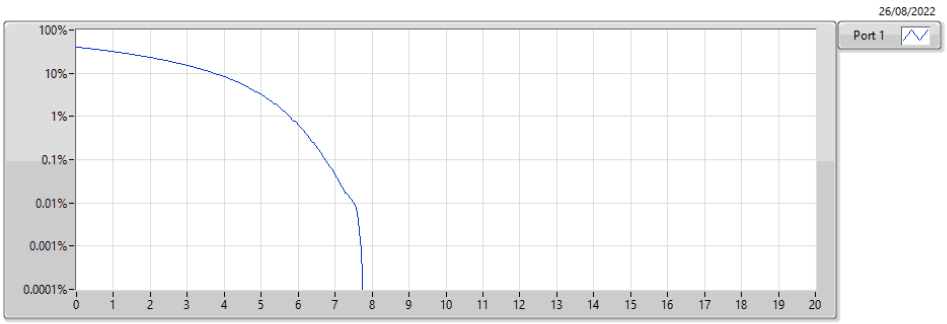
4985MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4985	10M	9.20	-3.80	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

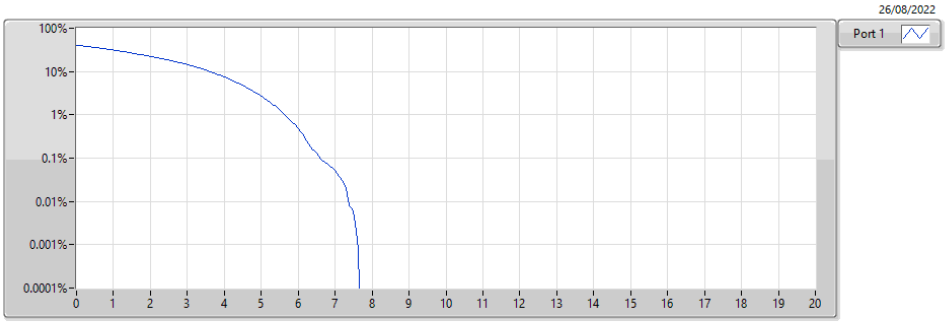
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	6.75	-6.25	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

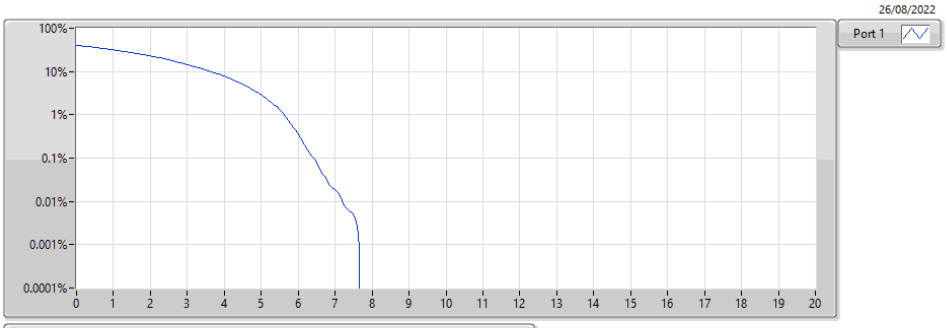
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	6.61	-6.39	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **PAR**

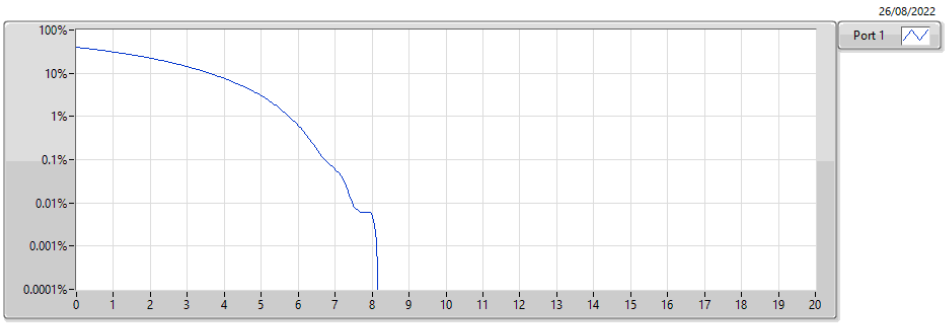
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	6.43	-6.57	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

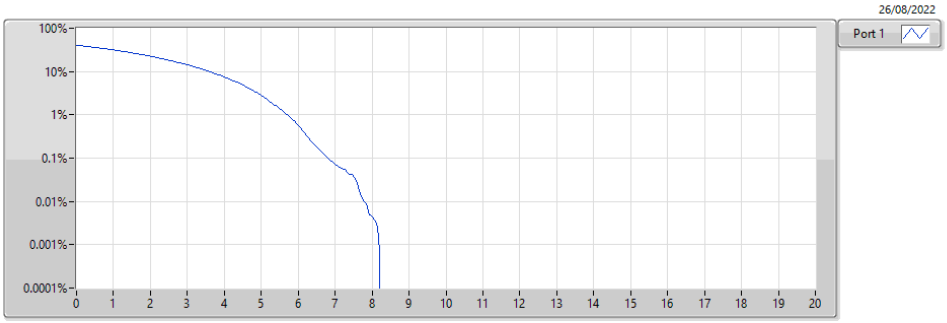
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	6.72	-6.28	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

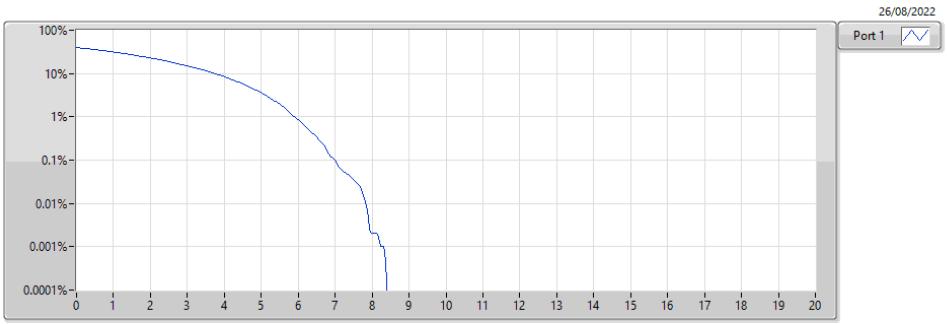
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	6.81	-6.19	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **PAR**

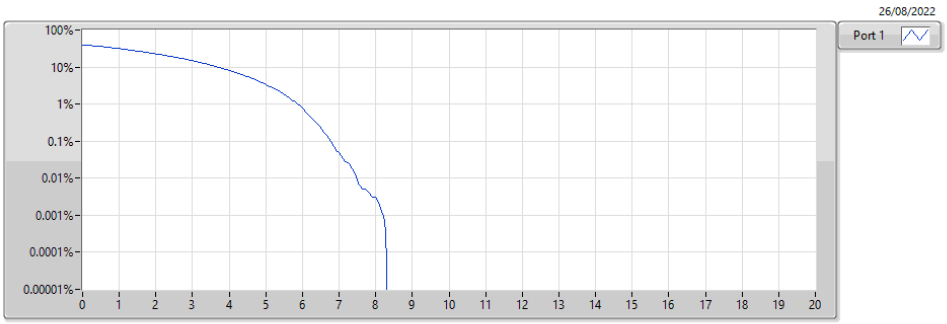
4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	6.99	-6.01	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

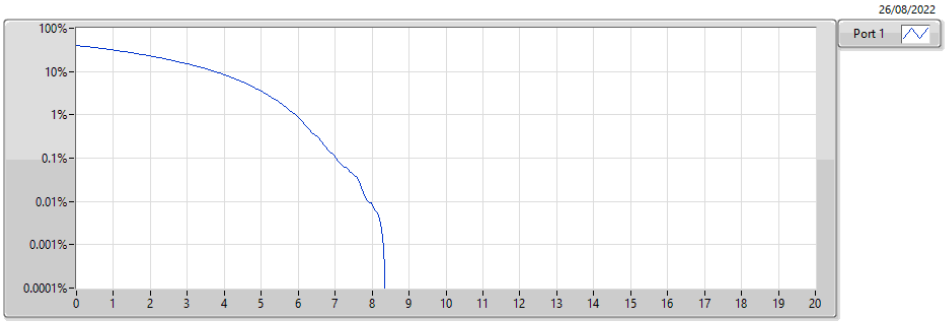
4950MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4950	20M	6.78	-6.22	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

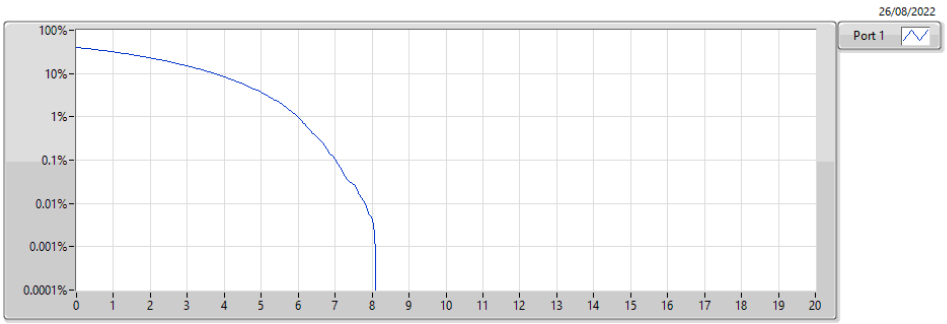
4965MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4965	20M	7.01	-5.99	13.00	1

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **PAR**

4980MHz



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
4980	20M	7.01	-5.99	13.00	1

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	9.675M	8.183M	8M18	9.488M	8.171M
802.11j_10MHz_Nss1_2TX	9.75M	8.196M	8M20	9.363M	8.183M
802.11j_10MHz_Nss1_4TX	9.775M	8.196M	8M20	4.719M	4.085M
802.11j_20MHz_Nss1_1TX	21.275M	16.567M	16M6	20.625M	16.542M
802.11j_20MHz_Nss1_2TX	21.225M	16.592M	16M6	9.488M	8.183M
802.11j_20MHz_Nss1_4TX	21.425M	16.667M	16M7	20.375M	16.517M

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

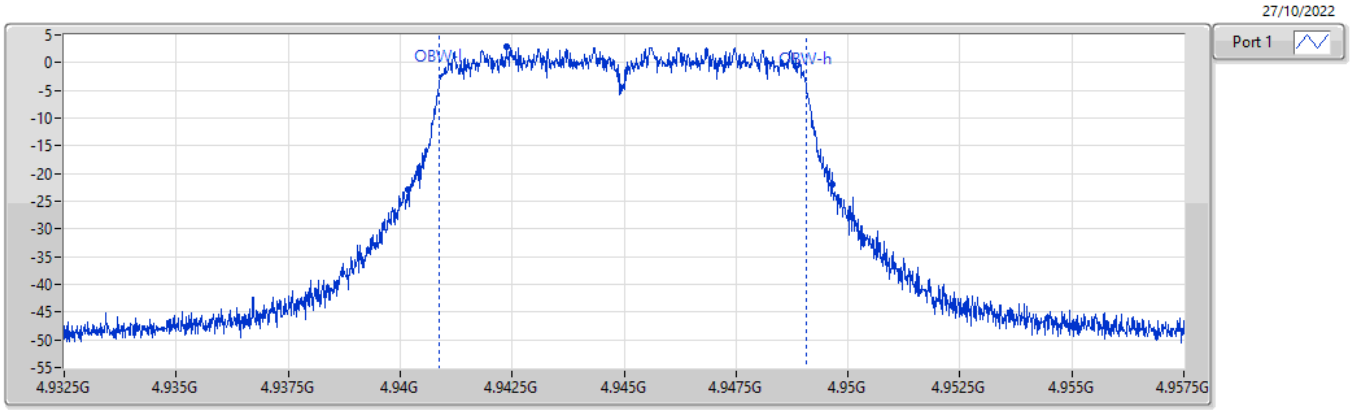
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	9.488M	8.183M						
4965MHz	Pass	Inf	9.675M	8.171M						
4985MHz	Pass	Inf	9.538M	8.183M						
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	9.75M	8.196M	9.513M	8.183M				
4965MHz	Pass	Inf	9.613M	8.183M	9.363M	8.183M				
4985MHz	Pass	Inf	9.525M	8.183M	9.563M	8.183M				
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	4.831M	4.092M	4.763M	4.092M	4.719M	4.085M	4.719M	4.085M
4965MHz	Pass	Inf	9.638M	8.183M	9.588M	8.171M	9.563M	8.183M	9.525M	8.183M
4985MHz	Pass	Inf	9.588M	8.196M	9.775M	8.183M	9.575M	8.183M	9.513M	8.183M
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	21.275M	16.567M						
4965MHz	Pass	Inf	20.8M	16.542M						
4980MHz	Pass	Inf	20.625M	16.542M						
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	9.525M	8.183M	9.488M	8.183M				
4965MHz	Pass	Inf	21.075M	16.542M	21.225M	16.592M				
4980MHz	Pass	Inf	20.675M	16.567M	20.875M	16.567M				
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.85M	16.542M	20.375M	16.517M	20.375M	16.542M	21.3M	16.642M
4965MHz	Pass	Inf	20.65M	16.567M	20.875M	16.567M	20.95M	16.617M	21.425M	16.667M
4980MHz	Pass	Inf	20.95M	16.567M	20.575M	16.542M	20.6M	16.567M	21.4M	16.667M

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

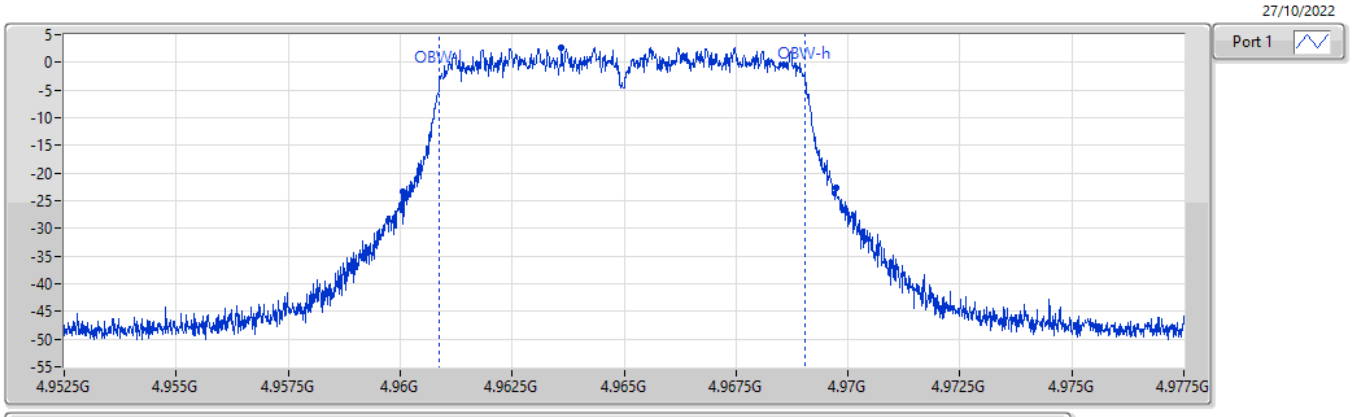
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.488M	4.940175G	4.949663G	8.183M	4.940877G	4.94906G	1	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

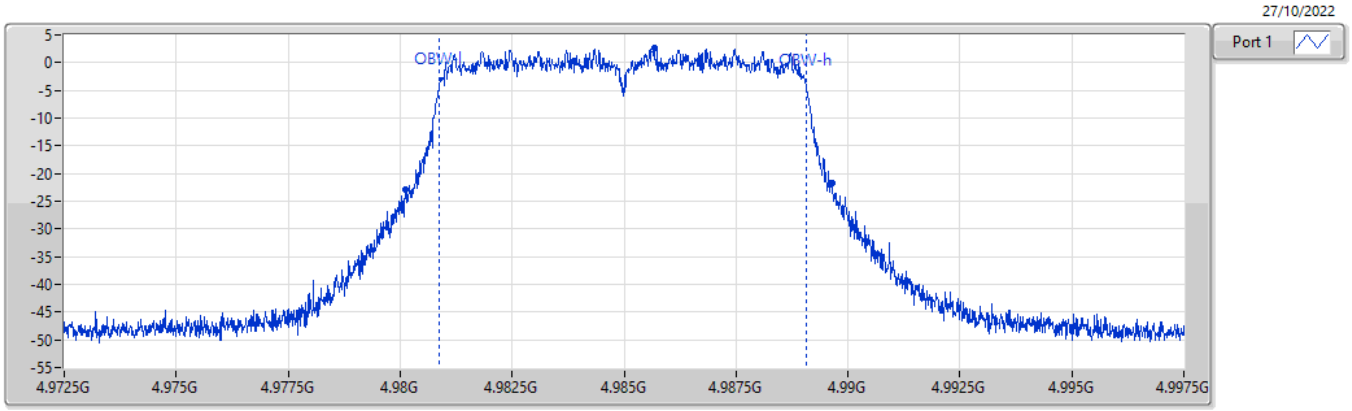
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.675M	4.960063G	4.969738G	8.171M	4.960877G	4.969048G	1	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

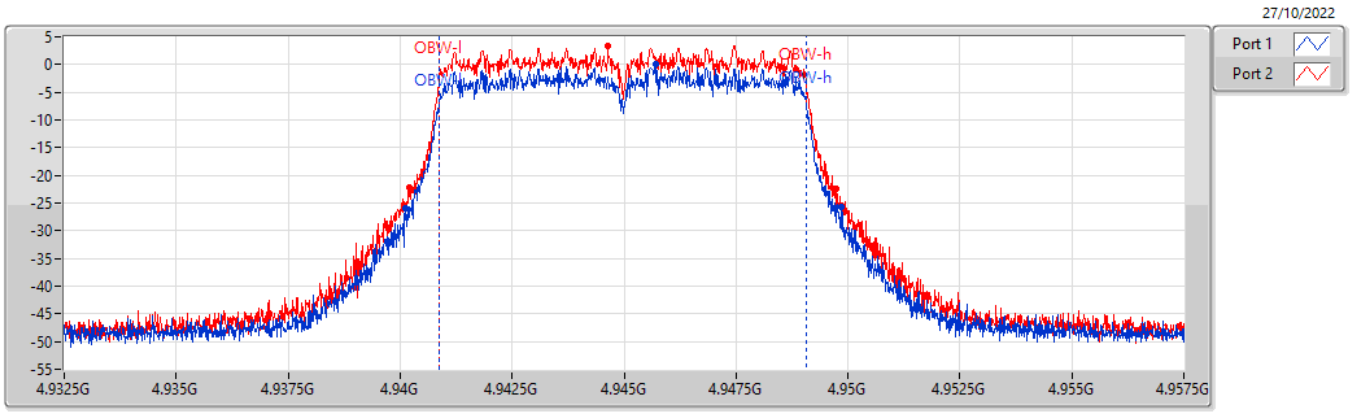
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.538M	4.980113G	4.98965G	8.183M	4.980877G	4.98906G	1	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

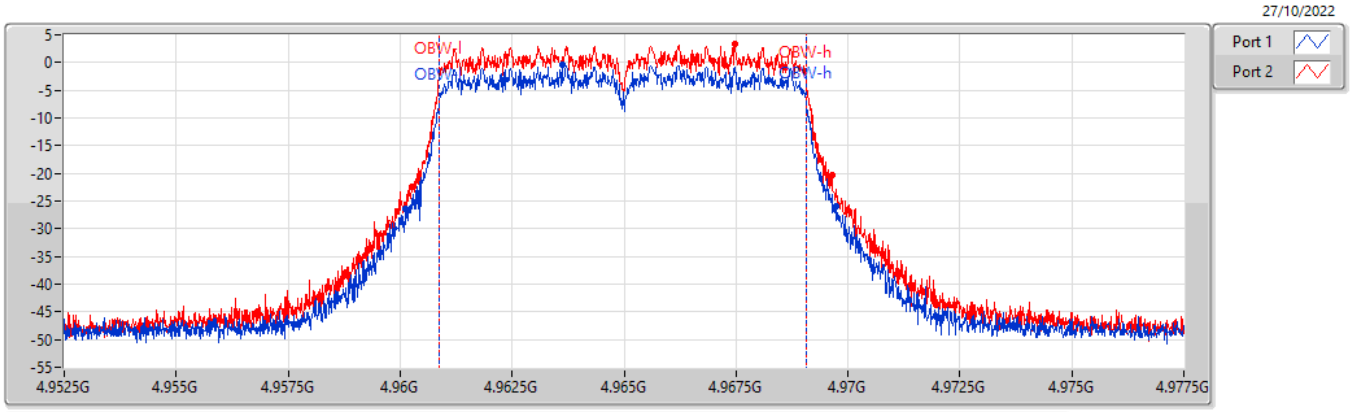
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.75M	4.940113G	4.949863G	8.196M	4.940865G	4.94906G	1	4.945G	25M	100k	300k
9.513M	4.940213G	4.949725G	8.183M	4.940877G	4.94906G	2	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

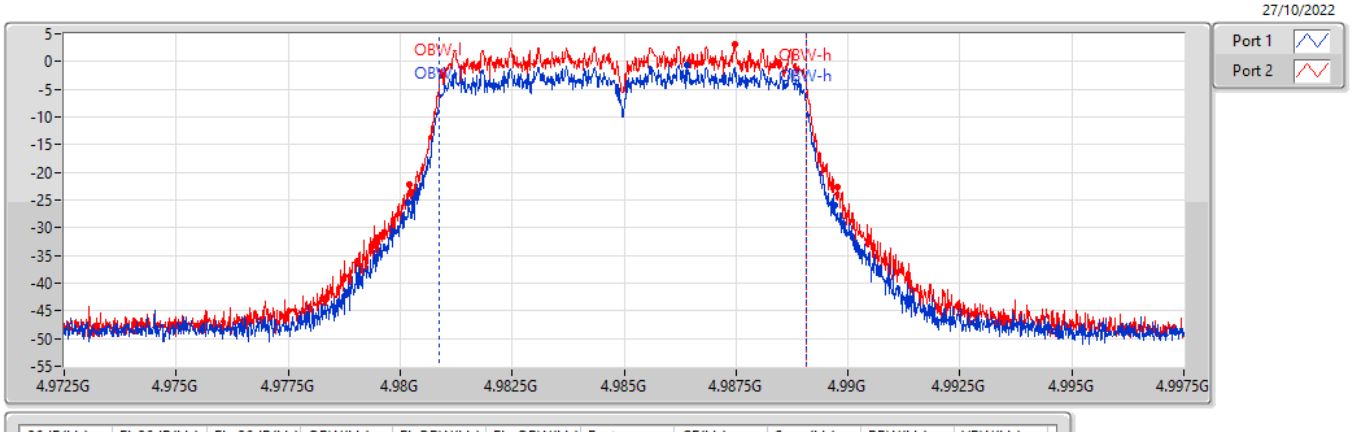
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.613M	4.960125G	4.969738G	8.183M	4.960877G	4.96906G	1	4.965G	25M	100k	300k
9.363M	4.960275G	4.969638G	8.183M	4.960877G	4.96906G	2	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

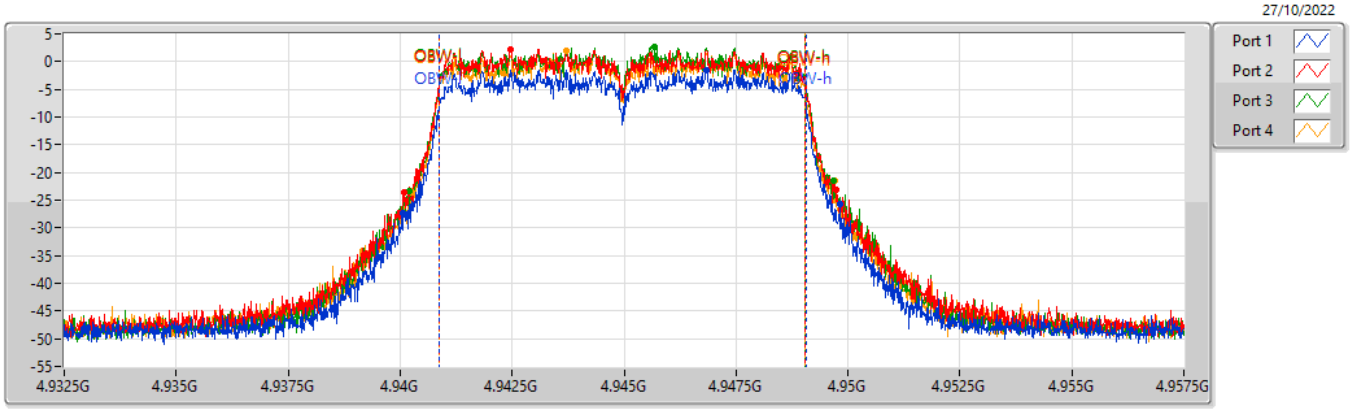
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.525M	4.980188G	4.989713G	8.183M	4.980877G	4.98906G	1	4.985G	25M	100k	300k
9.563M	4.9802G	4.989763G	8.183M	4.980877G	4.98906G	2	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

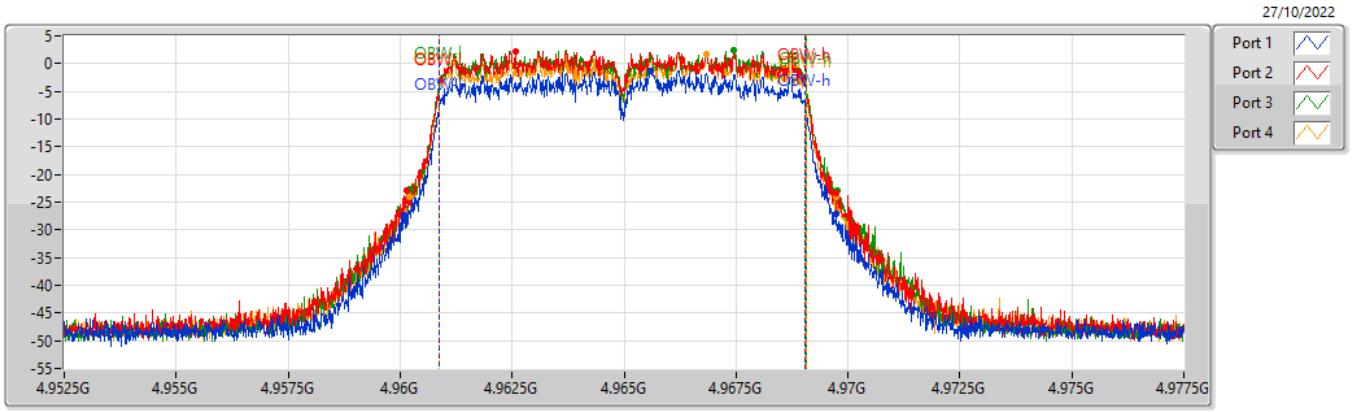
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.763M	4.940063G	4.949825G	8.183M	4.940877G	4.94906G	1	4.945G	25M	100k	300k
9.65M	4.9401G	4.94975G	8.171M	4.940877G	4.949048G	2	4.945G	25M	100k	300k
9.488M	4.9402G	4.949688G	8.171M	4.940877G	4.949048G	3	4.945G	25M	100k	300k
9.438M	4.940263G	4.9497G	8.171M	4.940877G	4.949048G	4	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

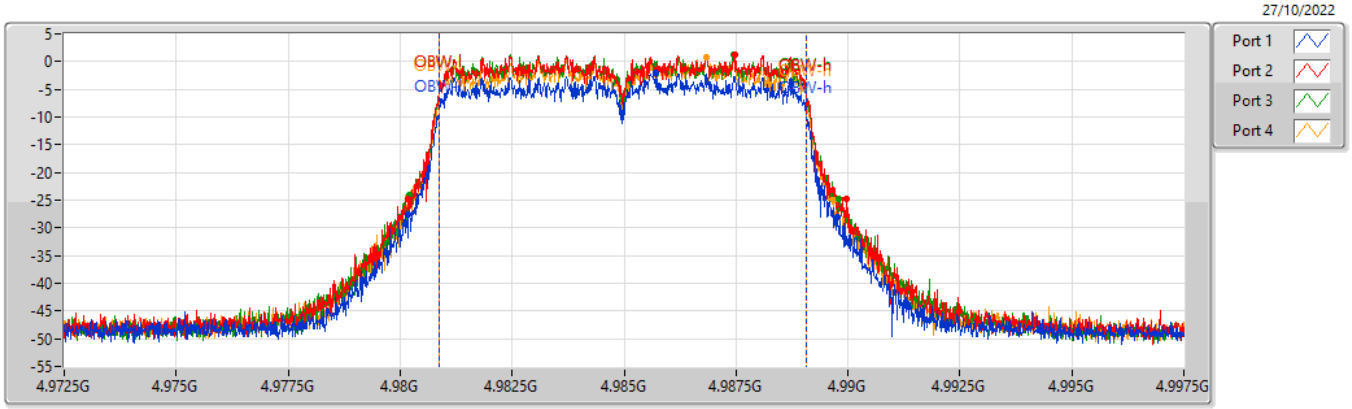
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.638M	4.9601G	4.969738G	8.183M	4.960865G	4.969048G	1	4.965G	25M	100k	300k
9.588M	4.960138G	4.969725G	8.171M	4.960877G	4.969048G	2	4.965G	25M	100k	300k
9.563M	4.9602G	4.969763G	8.183M	4.960877G	4.96906G	3	4.965G	25M	100k	300k
9.525M	4.9602G	4.969725G	8.183M	4.960877G	4.96906G	4	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

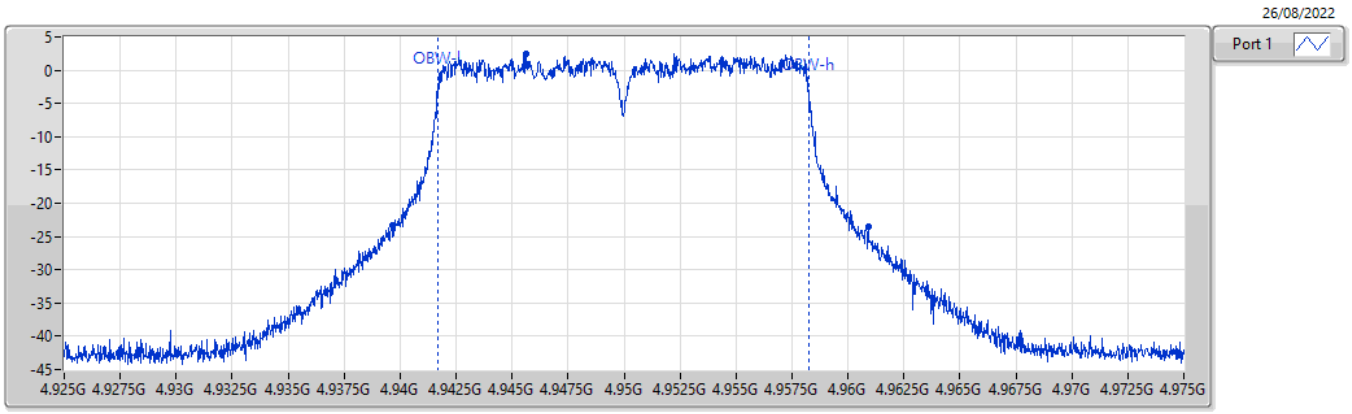
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.588M	4.980188G	4.989775G	8.196M	4.980865G	4.98906G	1	4.985G	25M	100k	300k
9.775M	4.980188G	4.989963G	8.183M	4.980877G	4.98906G	2	4.985G	25M	100k	300k
9.575M	4.980213G	4.989788G	8.183M	4.980877G	4.98906G	3	4.985G	25M	100k	300k
9.513M	4.980175G	4.989688G	8.183M	4.980877G	4.98906G	4	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

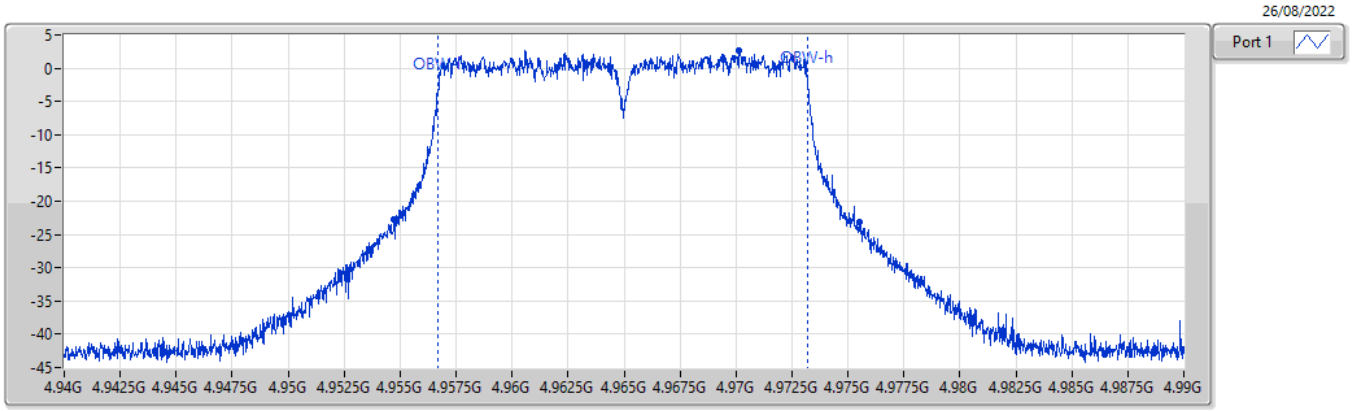
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
21.275M	4.93965G	4.960925G	16.567M	4.941679G	4.958246G	1	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

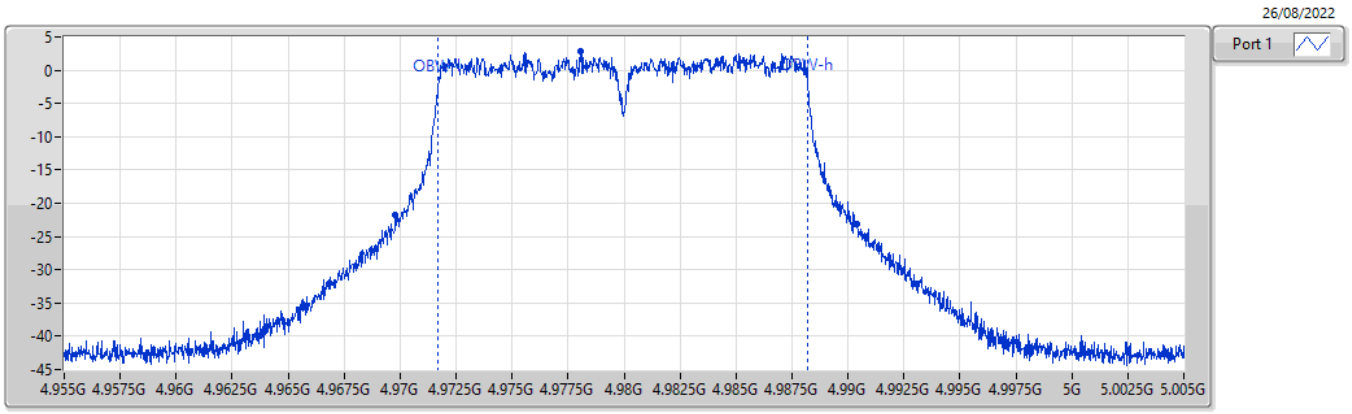
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.8M	4.954725G	4.975525G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

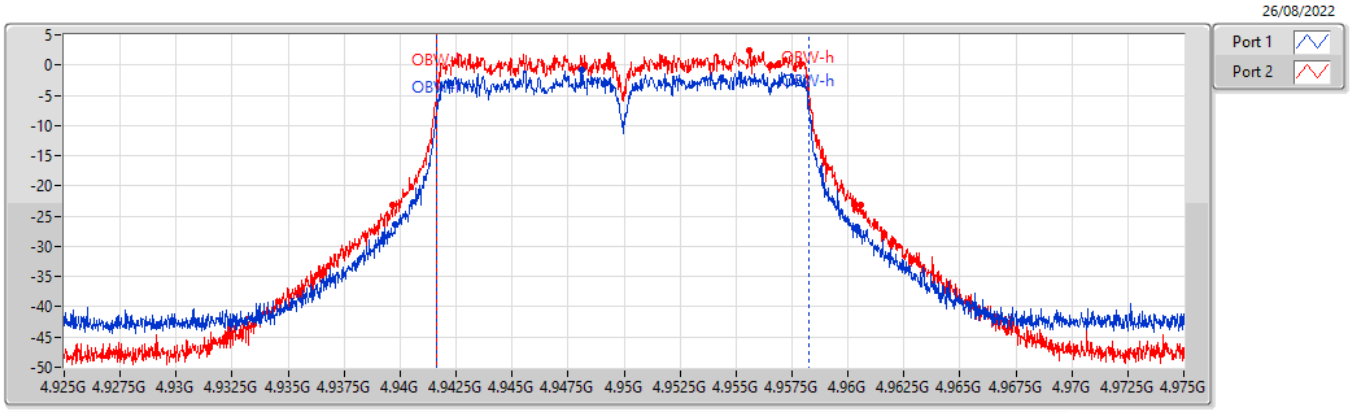
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.625M	4.9698G	4.990425G	16.542M	4.971679G	4.988221G	1	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

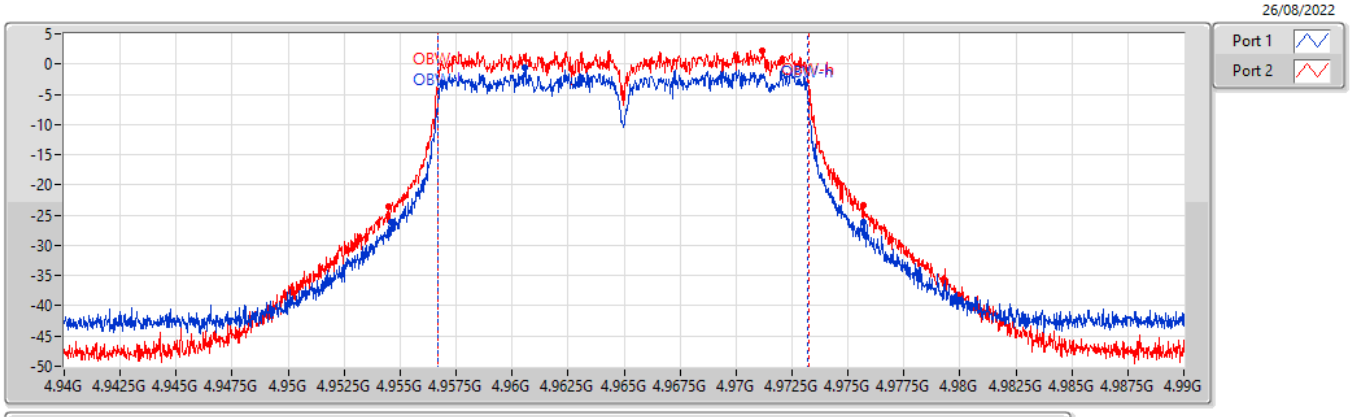
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.6M	4.9398G	4.9604G	16.592M	4.941654G	4.958246G	1	4.95G	50M	200k	1M
20.875M	4.939675G	4.96055G	16.592M	4.941654G	4.958246G	2	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

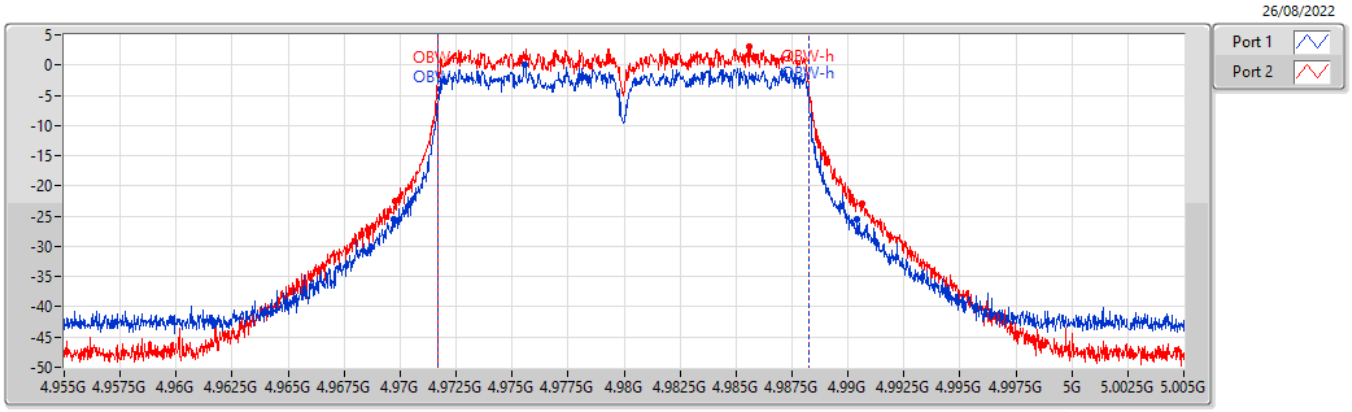
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
21.075M	4.954625G	4.9757G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M
21.225M	4.954475G	4.9757G	16.592M	4.956679G	4.973271G	2	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

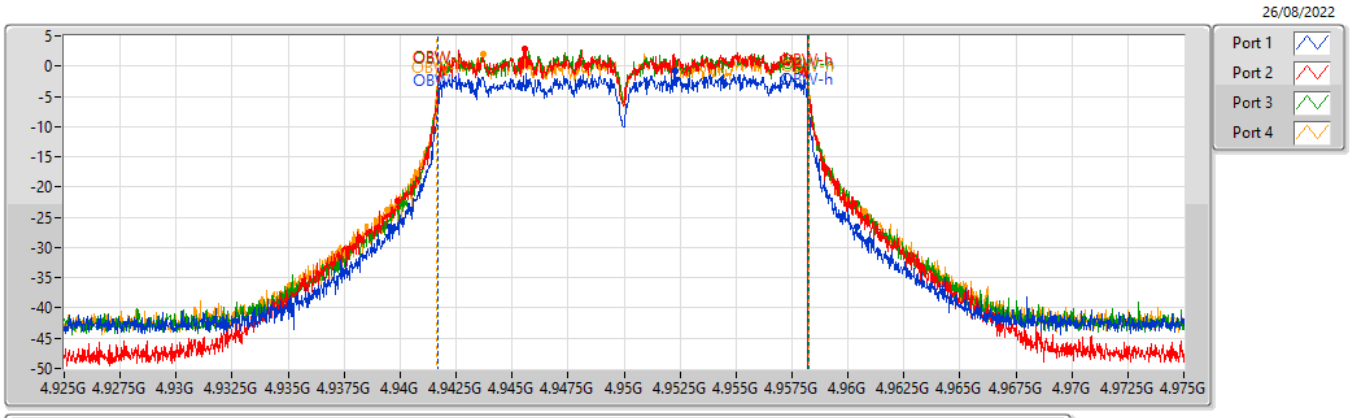
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.675M	4.969725G	4.9904G	16.567M	4.971679G	4.988246G	1	4.98G	50M	200k	1M
20.875M	4.96975G	4.990625G	16.567M	4.971679G	4.988246G	2	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

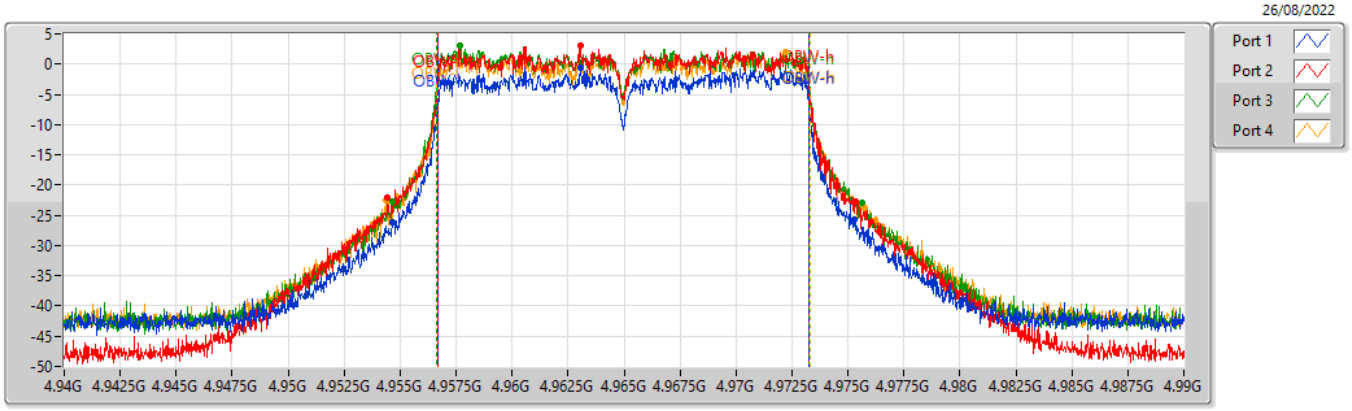
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.85M	4.93955G	4.9604G	16.542M	4.941679G	4.958221G	1	4.95G	50M	200k	1M
20.375M	4.9399G	4.960275G	16.517M	4.941704G	4.958221G	2	4.95G	50M	200k	1M
20.375M	4.94G	4.960375G	16.542M	4.941704G	4.958246G	3	4.95G	50M	200k	1M
21.3M	4.939425G	4.960725G	16.642M	4.941629G	4.958271G	4	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

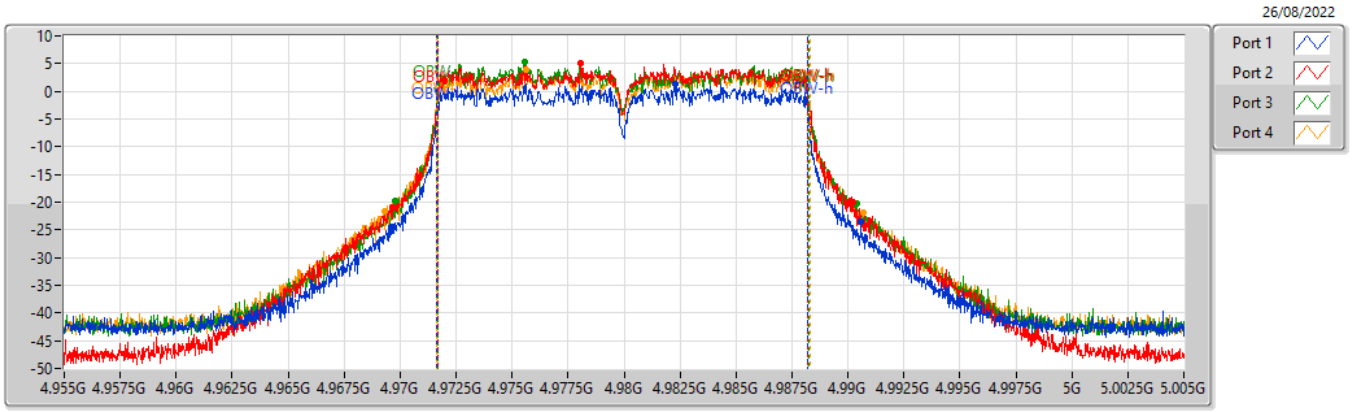
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.65M	4.95465G	4.9753G	16.567M	4.956679G	4.973246G	1	4.965G	50M	200k	1M
20.875M	4.95445G	4.975325G	16.567M	4.956679G	4.973246G	2	4.965G	50M	200k	1M
20.95M	4.954675G	4.975625G	16.617M	4.956654G	4.973271G	3	4.965G	50M	200k	1M
21.425M	4.95435G	4.975775G	16.667M	4.956629G	4.973296G	4	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.95M	4.969625G	4.990575G	16.567M	4.971654G	4.988221G	1	4.98G	50M	200k	1M
20.575M	4.969675G	4.99025G	16.542M	4.971679G	4.988221G	2	4.98G	50M	200k	1M
20.6M	4.9698G	4.9904G	16.567M	4.971679G	4.988246G	3	4.98G	50M	200k	1M
21.4M	4.9693G	4.9907G	16.667M	4.971629G	4.988296G	4	4.98G	50M	200k	1M

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	9.713M	8.183M	8M18	9.588M	8.183M
802.11j_10MHz_Nss1_2TX	9.75M	8.183M	8M18	9.5M	8.171M
802.11j_10MHz_Nss1_4TX	9.638M	8.196M	8M20	9.475M	8.171M
802.11j_20MHz_Nss1_1TX	19.85M	16.367M	16M4	19.3M	16.367M
802.11j_20MHz_Nss1_2TX	19.325M	16.392M	16M4	19.075M	16.342M
802.11j_20MHz_Nss1_4TX	19.35M	16.392M	16M4	19M	16.317M

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

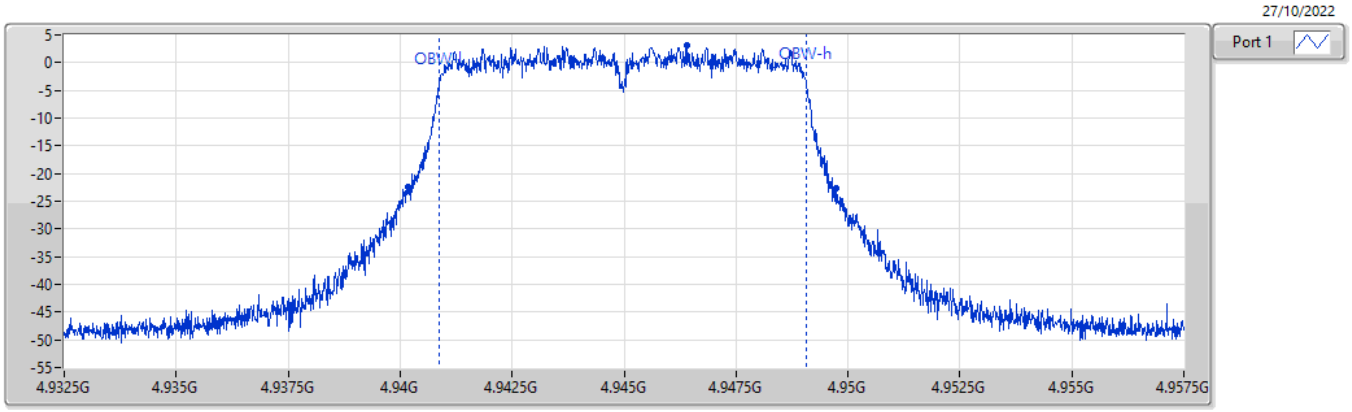
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	9.588M	8.183M						
4965MHz	Pass	Inf	9.688M	8.183M						
4985MHz	Pass	Inf	9.713M	8.183M						
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	9.663M	8.171M	9.5M	8.183M				
4965MHz	Pass	Inf	9.55M	8.183M	9.538M	8.183M				
4985MHz	Pass	Inf	9.75M	8.183M	9.575M	8.183M				
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	9.6M	8.183M	9.6M	8.171M	9.488M	8.171M	9.475M	8.171M
4965MHz	Pass	Inf	9.55M	8.171M	9.575M	8.171M	9.488M	8.171M	9.563M	8.183M
4985MHz	Pass	Inf	9.638M	8.183M	9.625M	8.183M	9.625M	8.196M	9.613M	8.183M
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	19.3M	16.367M						
4965MHz	Pass	Inf	19.45M	16.367M						
4980MHz	Pass	Inf	19.85M	16.367M						
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	19.075M	16.342M	19.225M	16.392M				
4965MHz	Pass	Inf	19.2M	16.342M	19.3M	16.367M				
4980MHz	Pass	Inf	19.2M	16.342M	19.325M	16.367M				
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	19.175M	16.342M	19.125M	16.342M	19.2M	16.392M	19.35M	16.392M
4965MHz	Pass	Inf	19.05M	16.367M	19.075M	16.342M	19.35M	16.342M	19.225M	16.367M
4980MHz	Pass	Inf	19.15M	16.367M	19M	16.367M	19M	16.317M	19.15M	16.367M

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

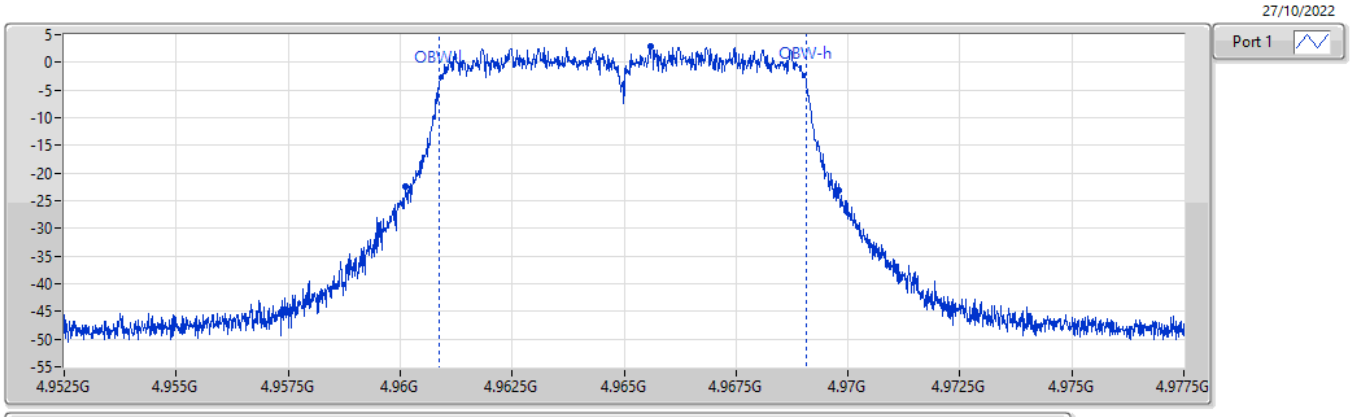
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.588M	4.940163G	4.94975G	8.183M	4.940877G	4.94906G	1	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

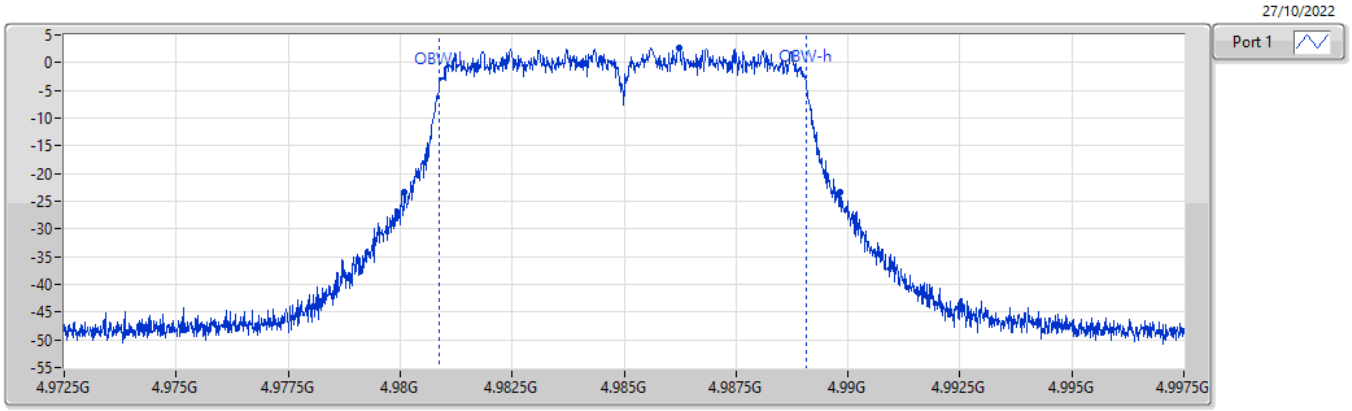
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.688M	4.960113G	4.9698G	8.183M	4.960877G	4.96906G	1	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

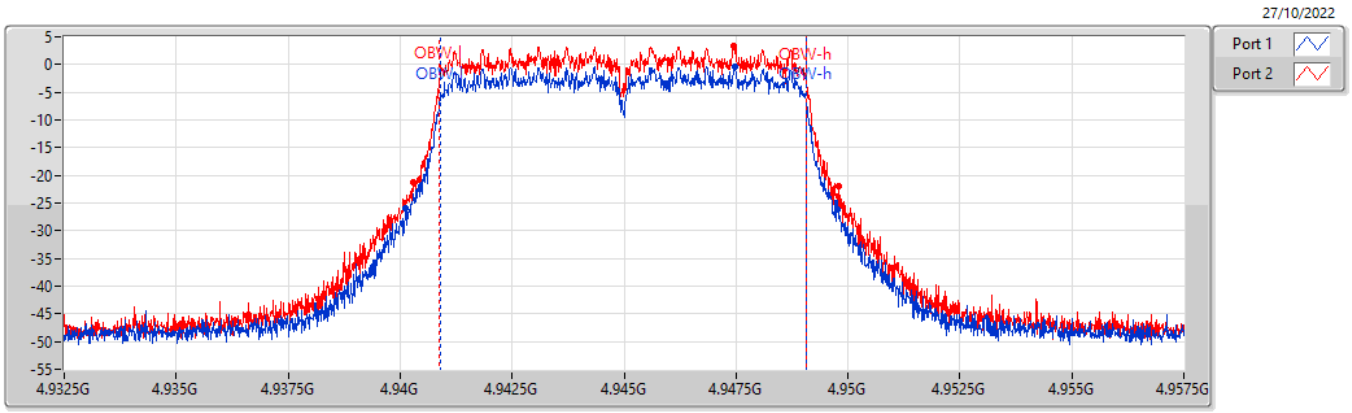
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.713M	4.9801G	4.989813G	8.183M	4.980877G	4.98906G	1	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

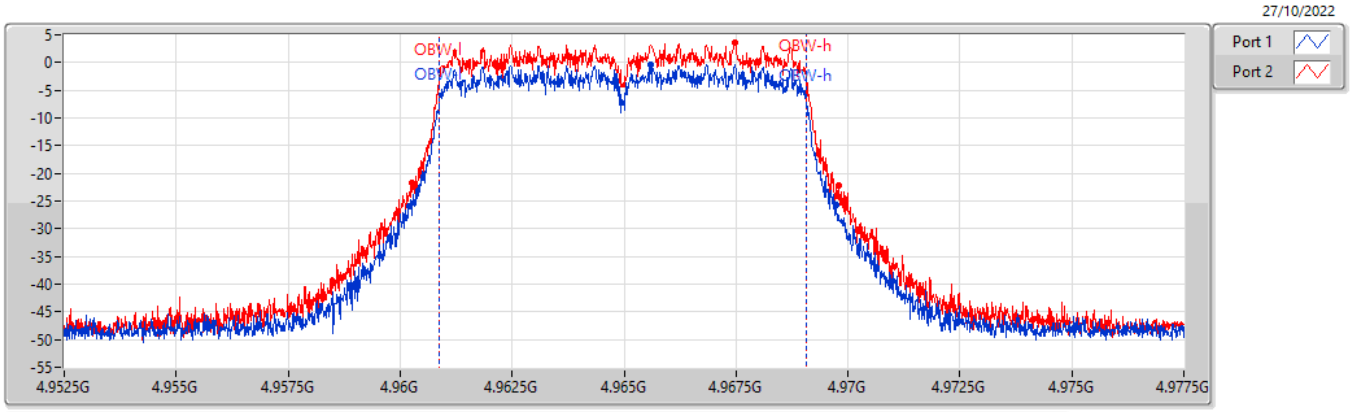
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.663M	4.940113G	4.949775G	8.171M	4.94089G	4.94906G	1	4.945G	25M	100k	300k
9.5M	4.940288G	4.949788G	8.183M	4.940877G	4.94906G	2	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

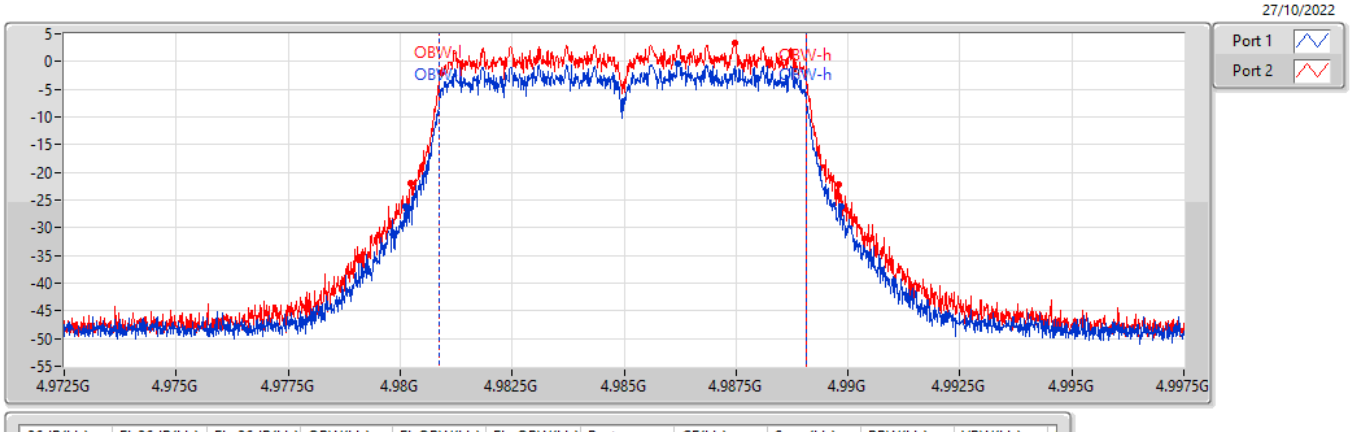
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.55M	4.9602G	4.96975G	8.183M	4.960877G	4.96906G	1	4.965G	25M	100k	300k
9.538M	4.96025G	4.969788G	8.183M	4.960877G	4.96906G	2	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

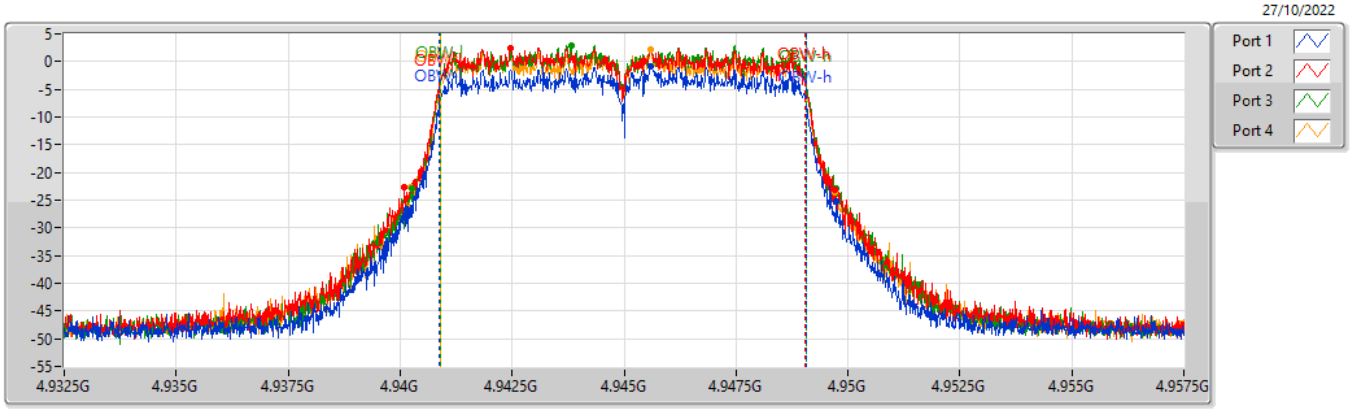
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.75M	4.980113G	4.989863G	8.183M	4.980877G	4.98906G	1	4.985G	25M	100k	300k
9.575M	4.980225G	4.9898G	8.183M	4.980877G	4.98906G	2	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

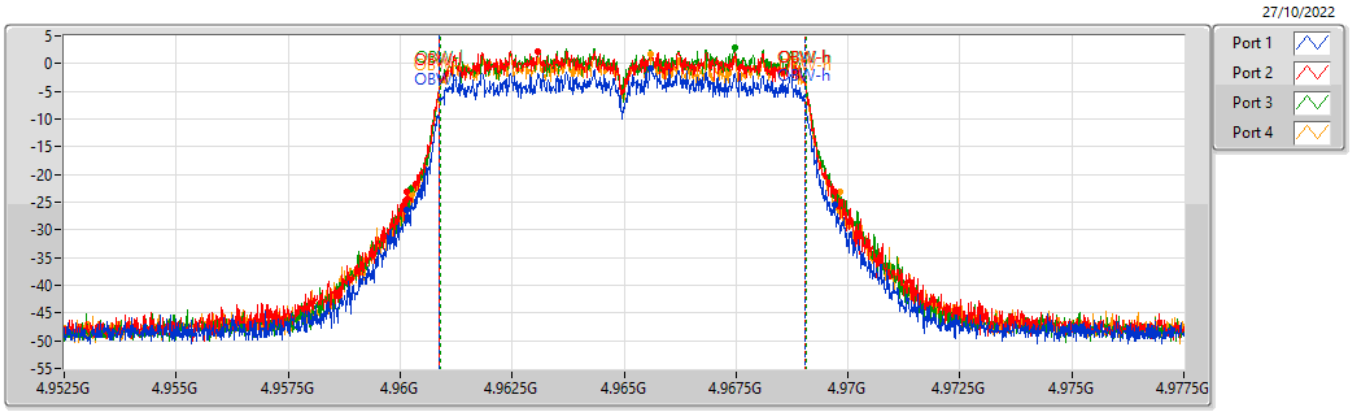
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.6M	4.94015G	4.94975G	8.183M	4.940877G	4.94906G	1	4.945G	25M	100k	300k
9.6M	4.9401G	4.9497G	8.171M	4.940877G	4.949048G	2	4.945G	25M	100k	300k
9.488M	4.94025G	4.949738G	8.171M	4.94089G	4.94906G	3	4.945G	25M	100k	300k
9.475M	4.940225G	4.9497G	8.171M	4.94089G	4.94906G	4	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

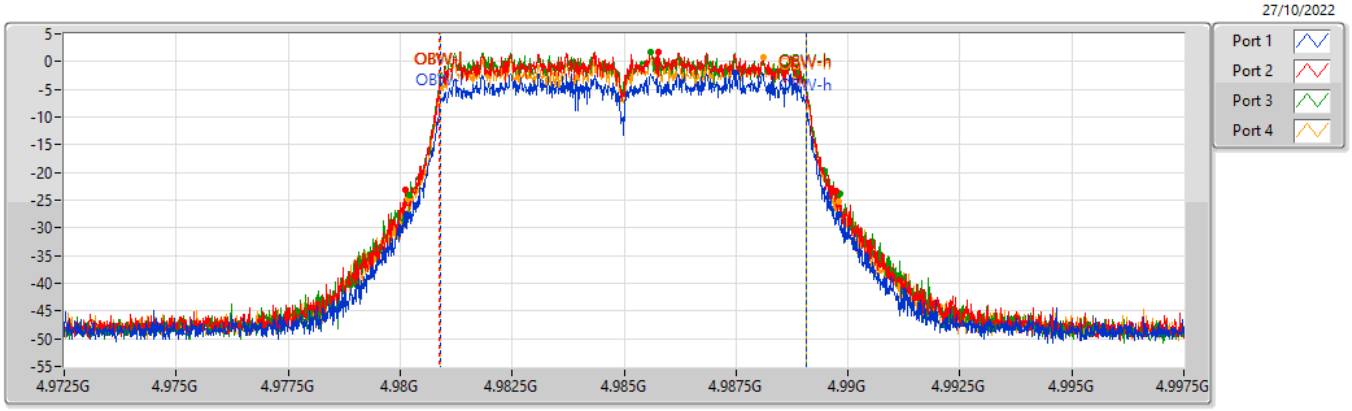
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.55M	4.96015G	4.9697G	8.171M	4.960877G	4.969048G	1	4.965G	25M	100k	300k
9.575M	4.960138G	4.969713G	8.171M	4.960877G	4.969048G	2	4.965G	25M	100k	300k
9.488M	4.960225G	4.969713G	8.171M	4.96089G	4.96906G	3	4.965G	25M	100k	300k
9.563M	4.960263G	4.969825G	8.183M	4.960877G	4.96906G	4	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

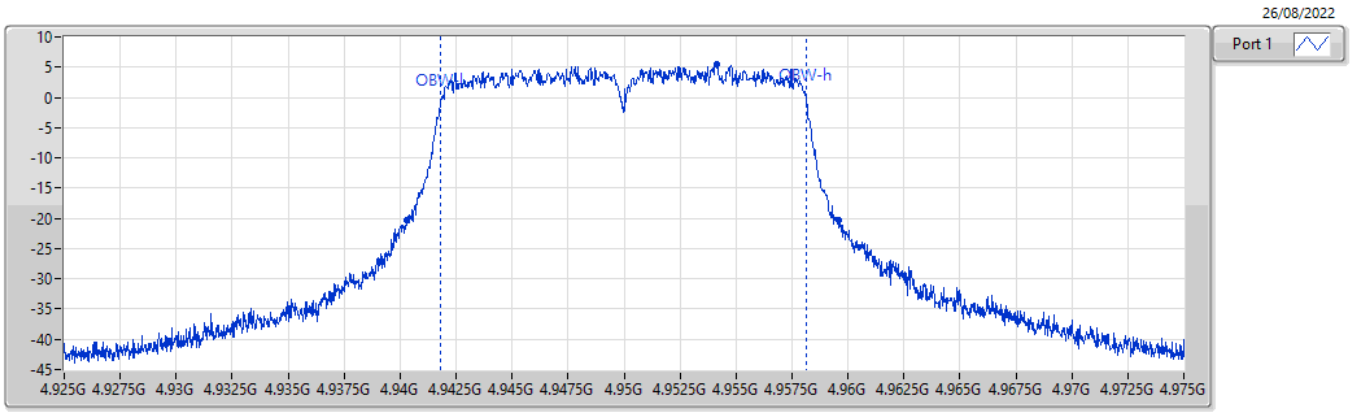
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.638M	4.98015G	4.989788G	8.183M	4.98089G	4.989073G	1	4.985G	25M	100k	300k
9.625M	4.980113G	4.989738G	8.183M	4.980877G	4.98906G	2	4.985G	25M	100k	300k
9.625M	4.9802G	4.989825G	8.196M	4.980877G	4.989073G	3	4.985G	25M	100k	300k
9.613M	4.980175G	4.989788G	8.183M	4.98089G	4.989073G	4	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

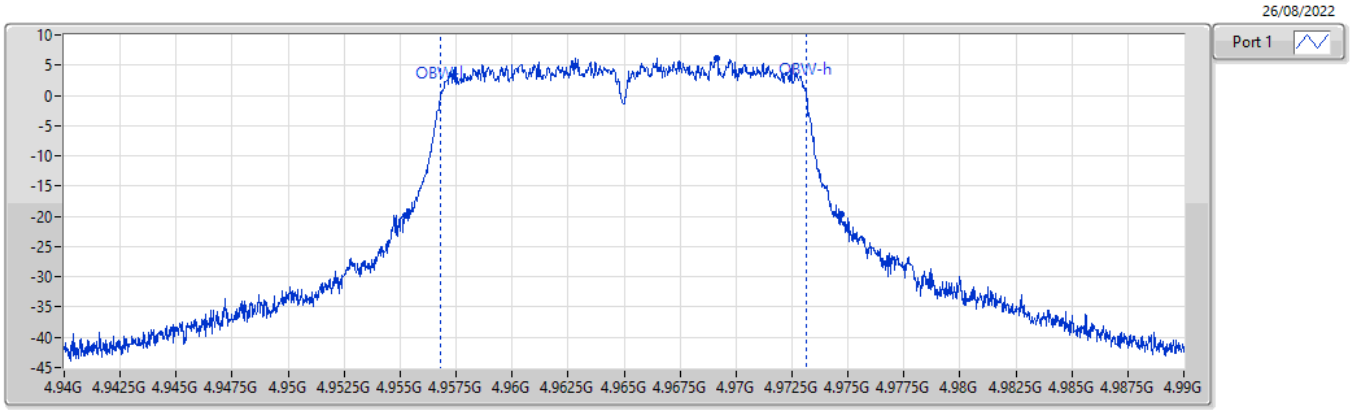
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.3M	4.9403G	4.9596G	16.367M	4.941779G	4.958146G	1	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

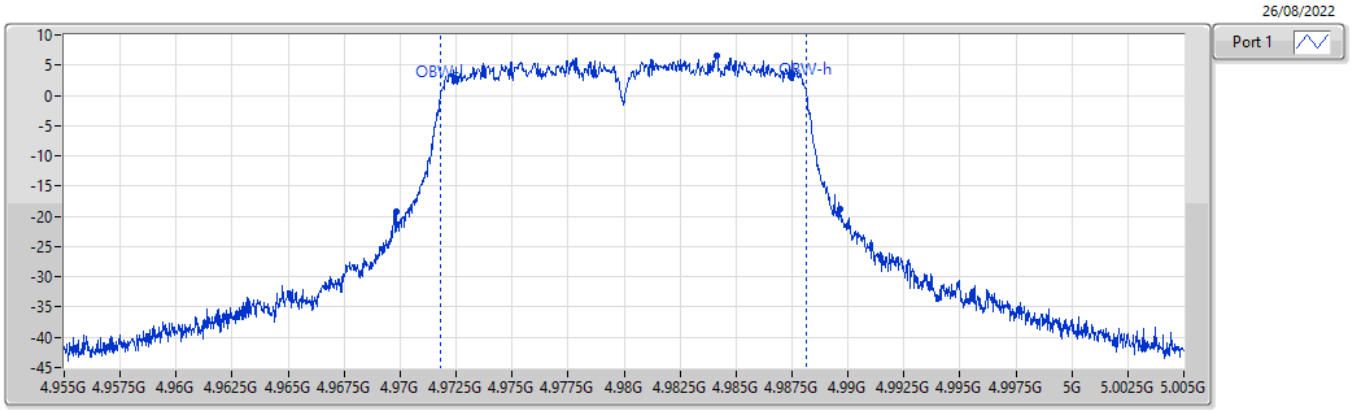
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.45M	4.95525G	4.9747G	16.367M	4.956779G	4.973146G	1	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

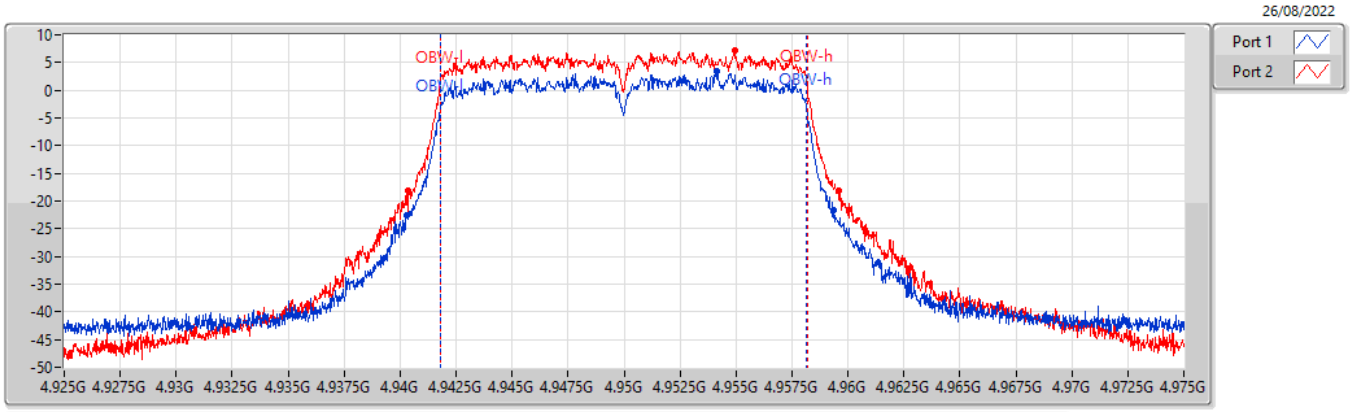
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.85M	4.969825G	4.989675G	16.367M	4.971779G	4.988146G	1	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

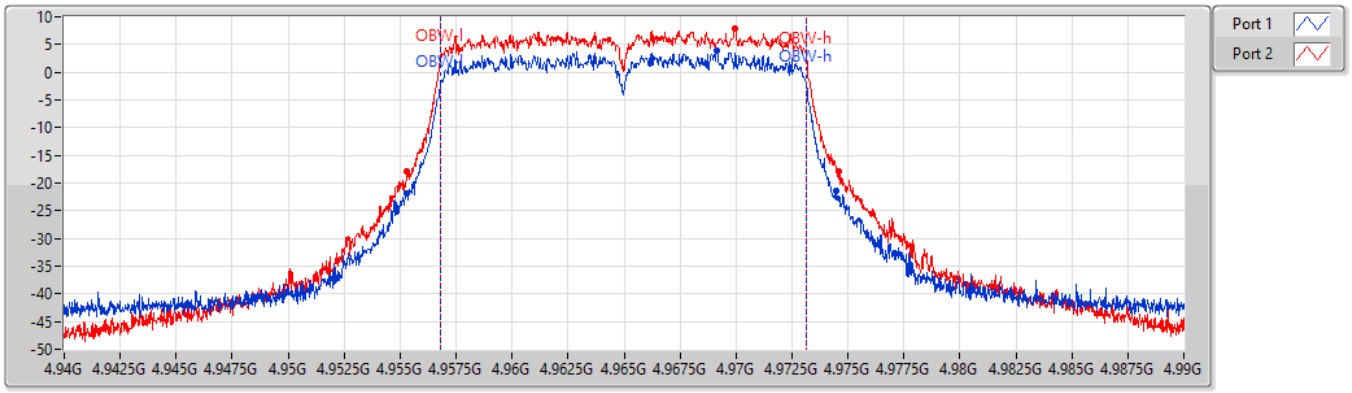
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.075M	4.9403G	4.959375G	16.342M	4.941779G	4.958121G	1	4.95G	50M	200k	1M
19.225M	4.94035G	4.959575G	16.392M	4.941779G	4.958171G	2	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

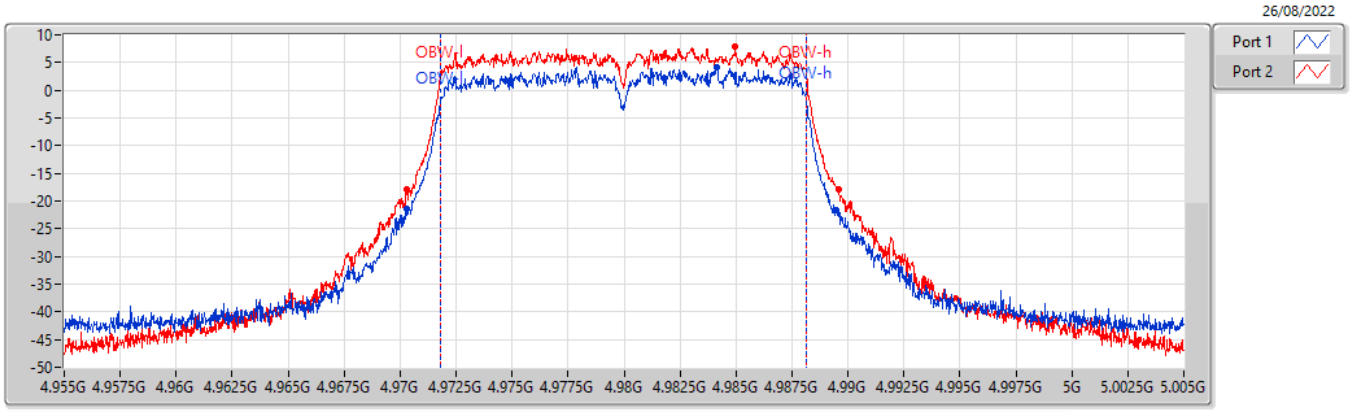
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.2M	4.9553G	4.9745G	16.342M	4.956779G	4.973121G	1	4.965G	50M	200k	1M
19.3M	4.9553G	4.9746G	16.367M	4.956779G	4.973146G	2	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

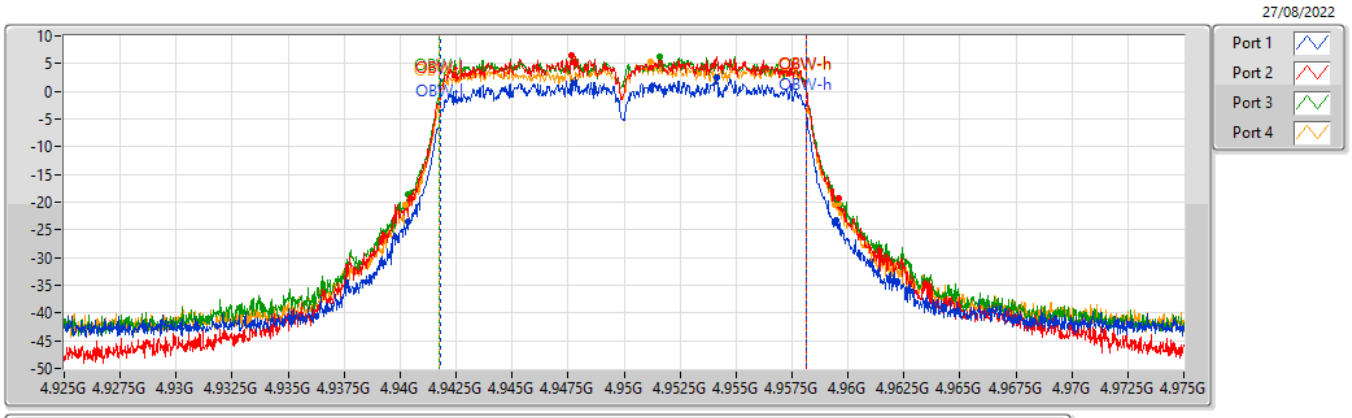
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.2M	4.9703G	4.9895G	16.342M	4.971779G	4.988121G	1	4.98G	50M	200k	1M
19.325M	4.970275G	4.9896G	16.367M	4.971779G	4.988146G	2	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

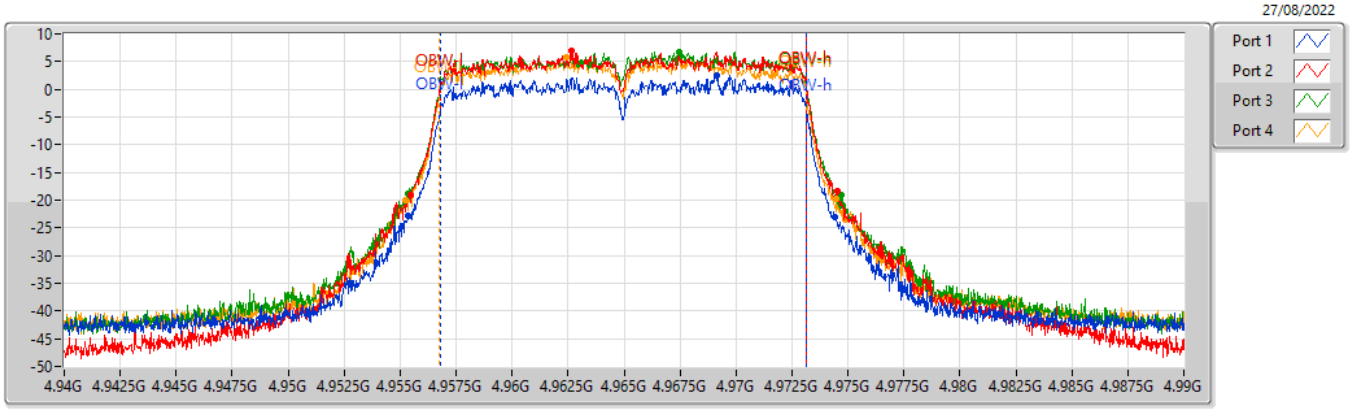
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.175M	4.940325G	4.9595G	16.342M	4.941779G	4.958121G	1	4.95G	50M	200k	1M
19.125M	4.940475G	4.9596G	16.342M	4.941779G	4.958121G	2	4.95G	50M	200k	1M
19.2M	4.940325G	4.959525G	16.392M	4.941754G	4.958146G	3	4.95G	50M	200k	1M
19.35M	4.940225G	4.959575G	16.392M	4.941754G	4.958146G	4	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

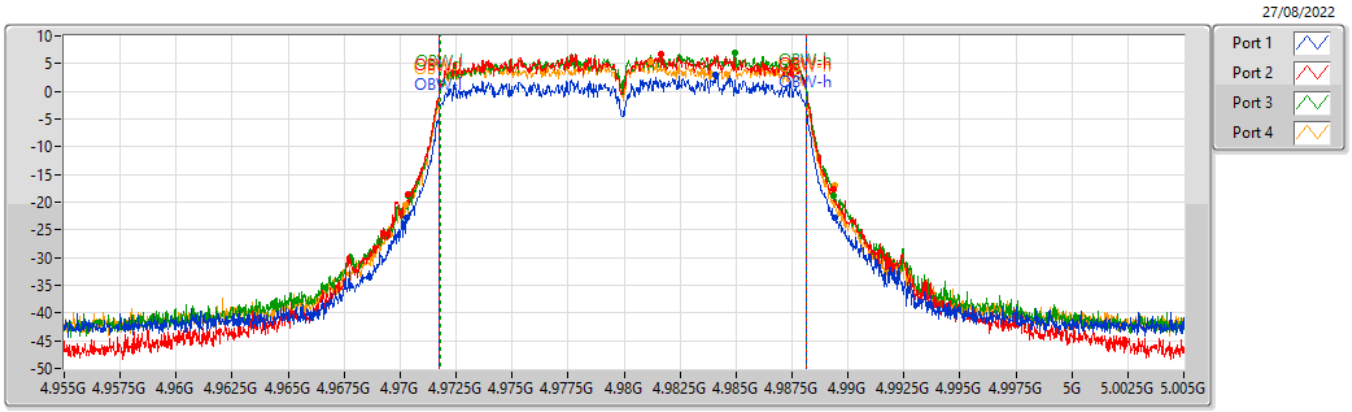
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.05M	4.95535G	4.9744G	16.367M	4.956779G	4.973146G	1	4.965G	50M	200k	1M
19.075M	4.95545G	4.974525G	16.342M	4.956779G	4.973121G	2	4.965G	50M	200k	1M
19.35M	4.95535G	4.9747G	16.342M	4.956779G	4.973121G	3	4.965G	50M	200k	1M
19.225M	4.95525G	4.974475G	16.367M	4.956754G	4.973121G	4	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.15M	4.970275G	4.989425G	16.367M	4.971754G	4.988121G	1	4.98G	50M	200k	1M
19M	4.97035G	4.98935G	16.367M	4.971754G	4.988121G	2	4.98G	50M	200k	1M
19M	4.970375G	4.989375G	16.317M	4.971804G	4.988121G	3	4.98G	50M	200k	1M
19.15M	4.97025G	4.9894G	16.367M	4.971754G	4.988121G	4	4.98G	50M	200k	1M

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	10.375M	8.293M	8M29	10.2M	8.276M
802.11j_10MHz_Nss1_2TX	10.4M	8.292M	8M29	9.975M	8.266M
802.11j_10MHz_Nss1_4TX	10.688M	8.293M	8M29	9.925M	8.273M
802.11j_20MHz_Nss1_1TX	20.925M	16.567M	16M6	20.525M	16.542M
802.11j_20MHz_Nss1_2TX	21.6M	16.642M	16M6	20.15M	16.517M
802.11j_20MHz_Nss1_4TX	25.325M	16.792M	16M8	20.075M	16.517M

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

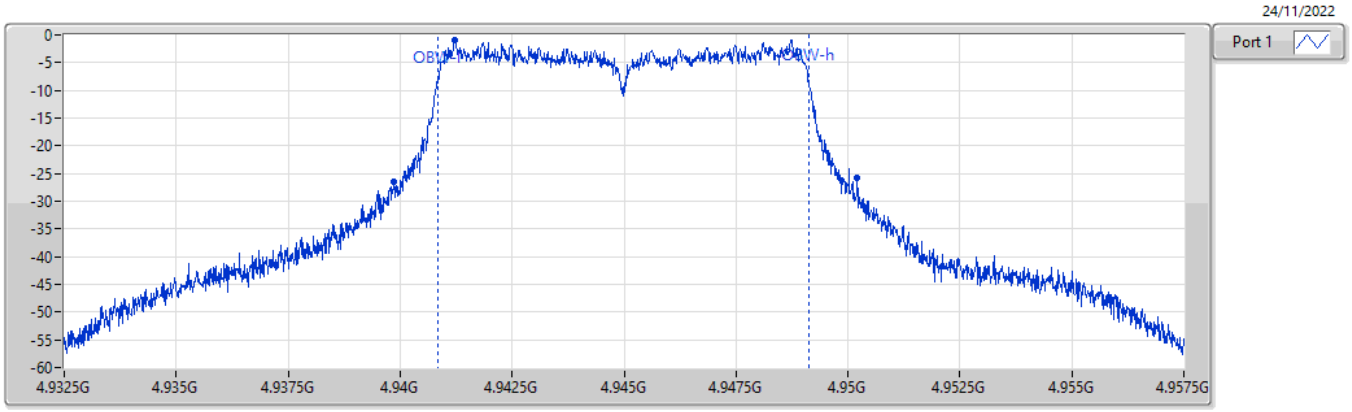
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.35M	8.293M						
4965MHz	Pass	Inf	10.2M	8.287M						
4985MHz	Pass	Inf	10.375M	8.276M						
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.213M	8.284M	10.113M	8.27M				
4965MHz	Pass	Inf	9.975M	8.292M	10.35M	8.266M				
4985MHz	Pass	Inf	10.125M	8.284M	10.4M	8.274M				
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.25M	8.281M	10.238M	8.287M	10.513M	8.29M	10.088M	8.274M
4965MHz	Pass	Inf	9.925M	8.293M	10.5M	8.273M	10.213M	8.286M	10.225M	8.277M
4985MHz	Pass	Inf	10.238M	8.281M	10.688M	8.286M	10.025M	8.282M	10.15M	8.274M
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.925M	16.567M						
4965MHz	Pass	Inf	20.525M	16.542M						
4980MHz	Pass	Inf	20.525M	16.542M						
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.475M	16.542M	20.175M	16.517M				
4965MHz	Pass	Inf	20.375M	16.542M	20.15M	16.517M				
4980MHz	Pass	Inf	20.5M	16.542M	21.6M	16.642M				
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.575M	16.542M	21.925M	16.667M	25.325M	16.792M	24.55M	16.767M
4965MHz	Pass	Inf	20.4M	16.542M	20.775M	16.542M	20.15M	16.567M	20.35M	16.567M
4980MHz	Pass	Inf	20.325M	16.542M	20.075M	16.517M	20.4M	16.567M	20.3M	16.542M

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

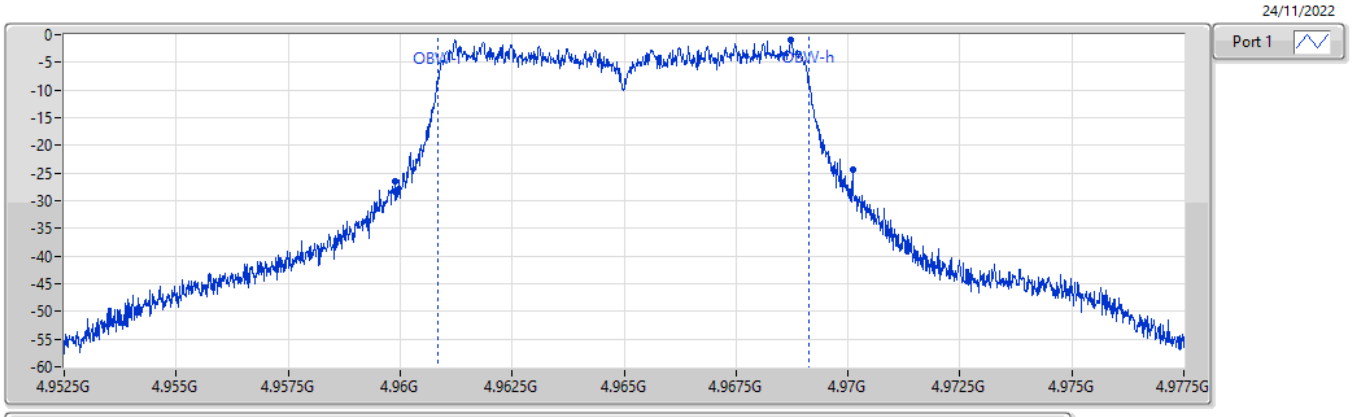
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.35M	4.939863G	4.950213G	8.293M	4.940832G	4.949125G	1	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

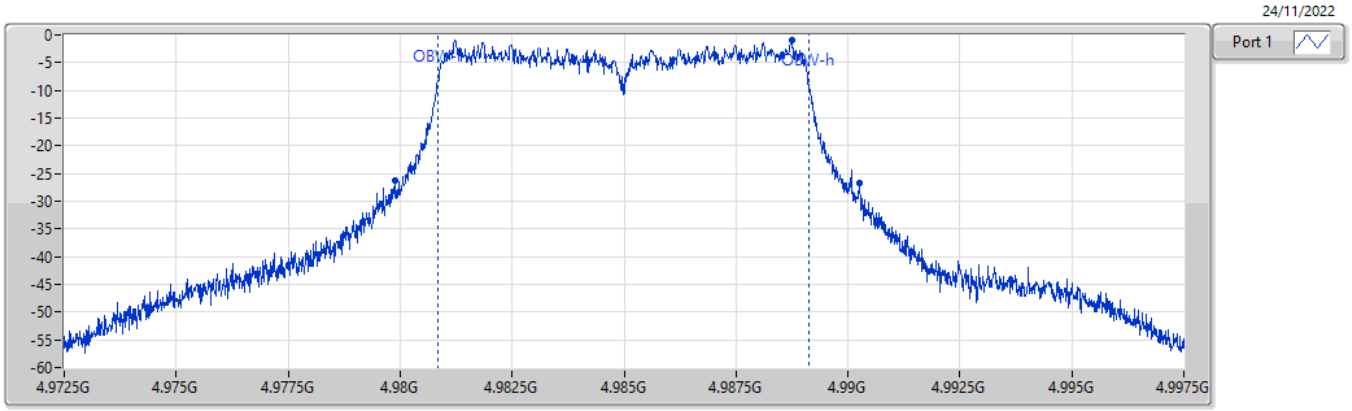
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.2M	4.9599G	4.9701G	8.287M	4.960837G	4.969124G	1	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

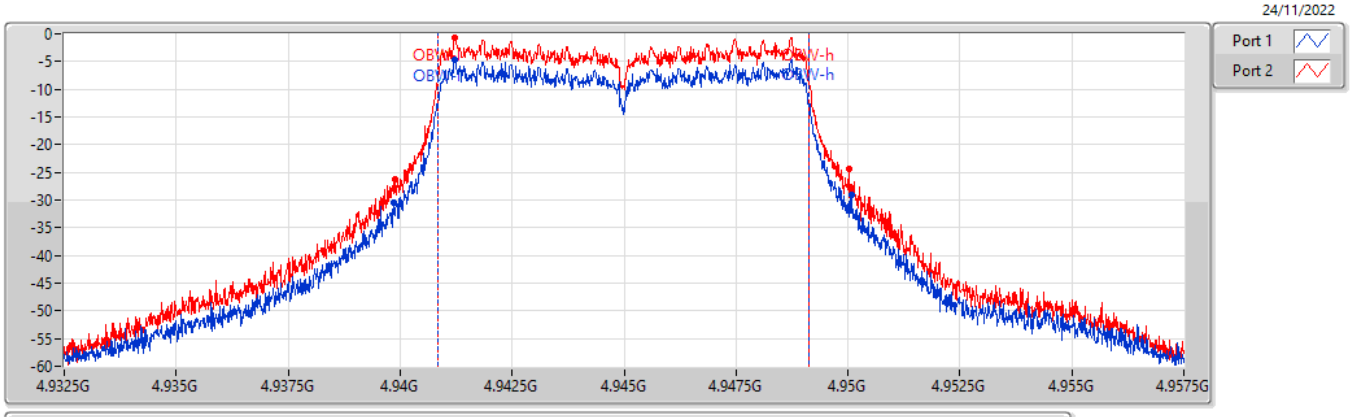
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.375M	4.979875G	4.99025G	8.276M	4.980842G	4.989117G	1	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

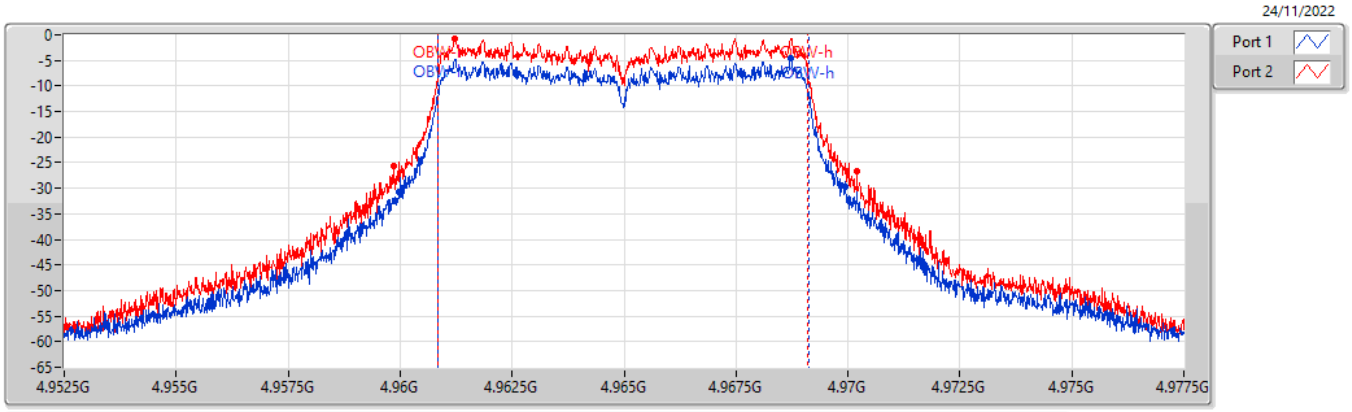
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.213M	4.939863G	4.950075G	8.284M	4.940838G	4.949122G	1	4.945G	25M	100k	300k
10.113M	4.9399G	4.950013G	8.27M	4.940844G	4.949115G	2	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

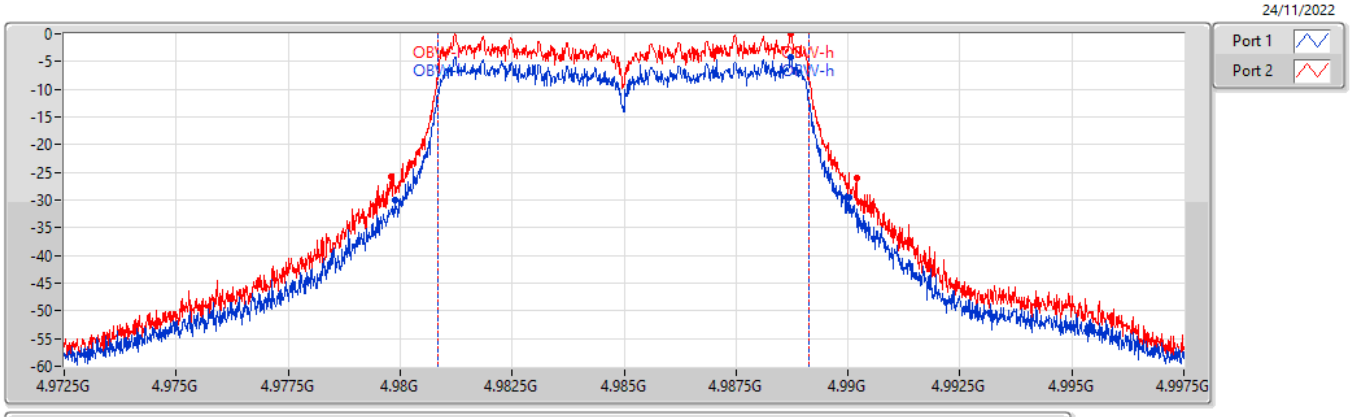
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.975M	4.959975G	4.96995G	8.292M	4.960831G	4.969123G	1	4.965G	25M	100k	300k
10.35M	4.95985G	4.9702G	8.266M	4.960846G	4.969111G	2	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

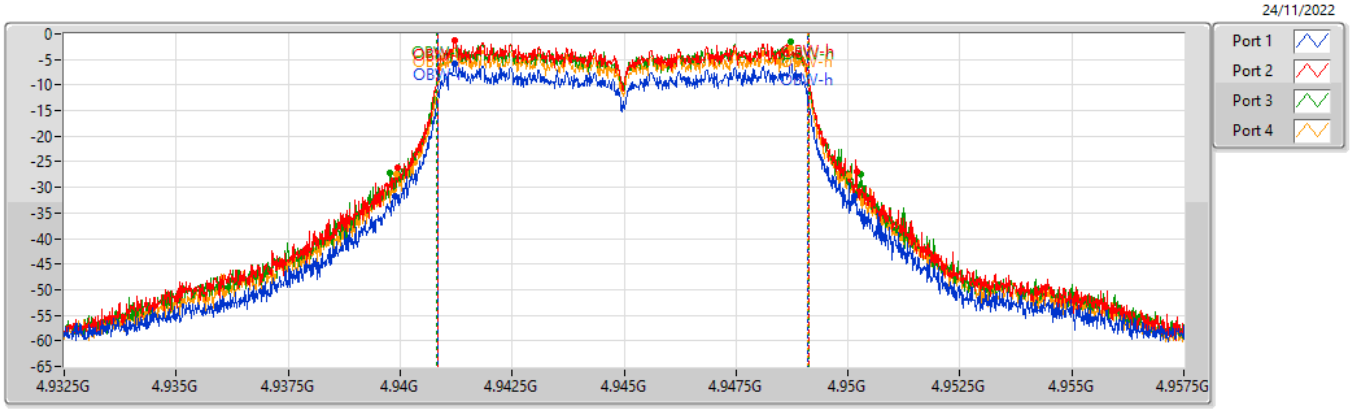
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.125M	4.979888G	4.990013G	8.284M	4.980831G	4.989115G	1	4.985G	25M	100k	300k
10.4M	4.9798G	4.9902G	8.274M	4.980845G	4.989119G	2	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

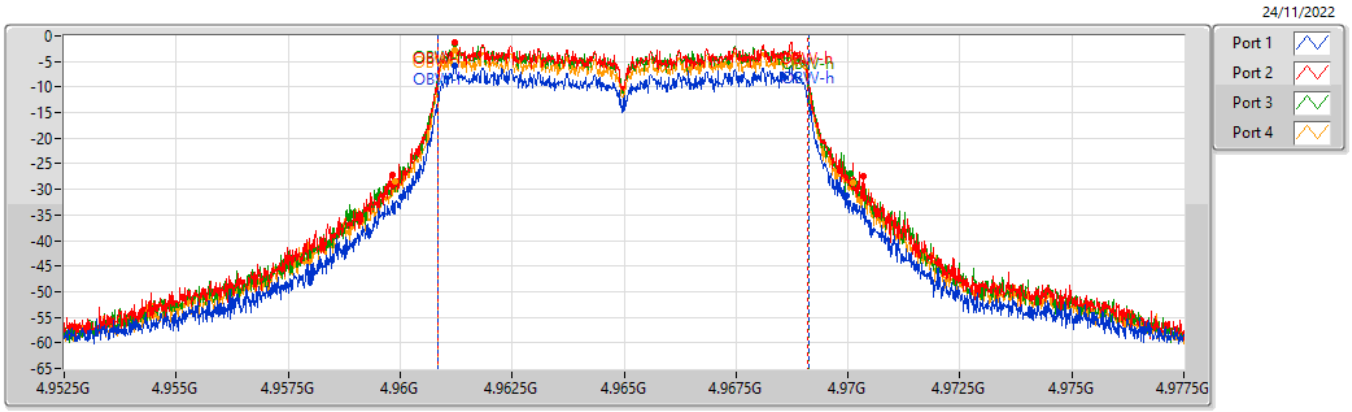
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.25M	4.939888G	4.950138G	8.281M	4.940829G	4.949111G	1	4.945G	25M	100k	300k
10.238M	4.93995G	4.950188G	8.287M	4.940829G	4.949115G	2	4.945G	25M	100k	300k
10.513M	4.939763G	4.950275G	8.29M	4.940827G	4.949118G	3	4.945G	25M	100k	300k
10.088M	4.939925G	4.950013G	8.274M	4.940837G	4.949111G	4	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

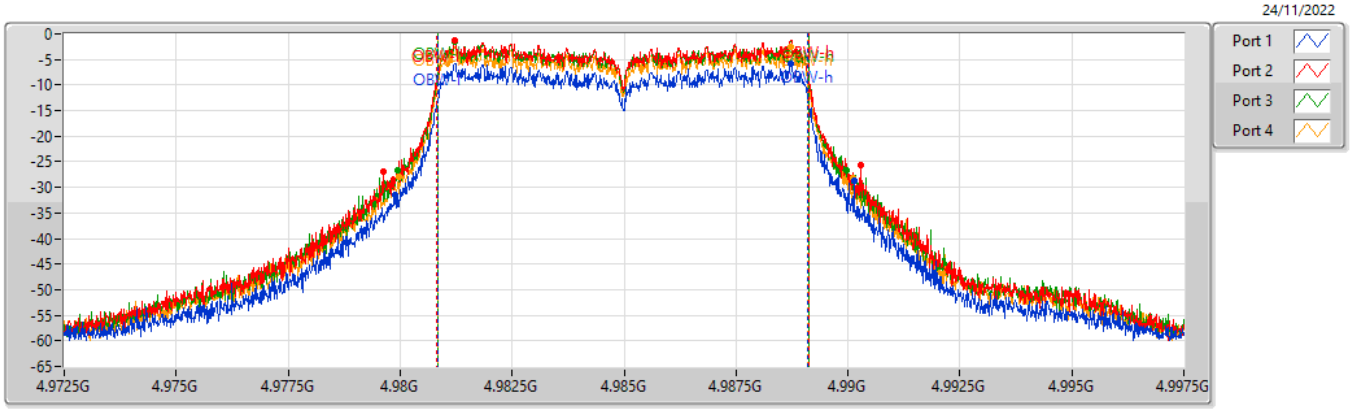
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.925M	4.960038G	4.969963G	8.293M	4.960831G	4.969124G	1	4.965G	25M	100k	300k
10.5M	4.959838G	4.970338G	8.273M	4.960837G	4.96911G	2	4.965G	25M	100k	300k
10.213M	4.959838G	4.97005G	8.286M	4.960829G	4.969115G	3	4.965G	25M	100k	300k
10.225M	4.959888G	4.970113G	8.277M	4.960838G	4.969115G	4	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

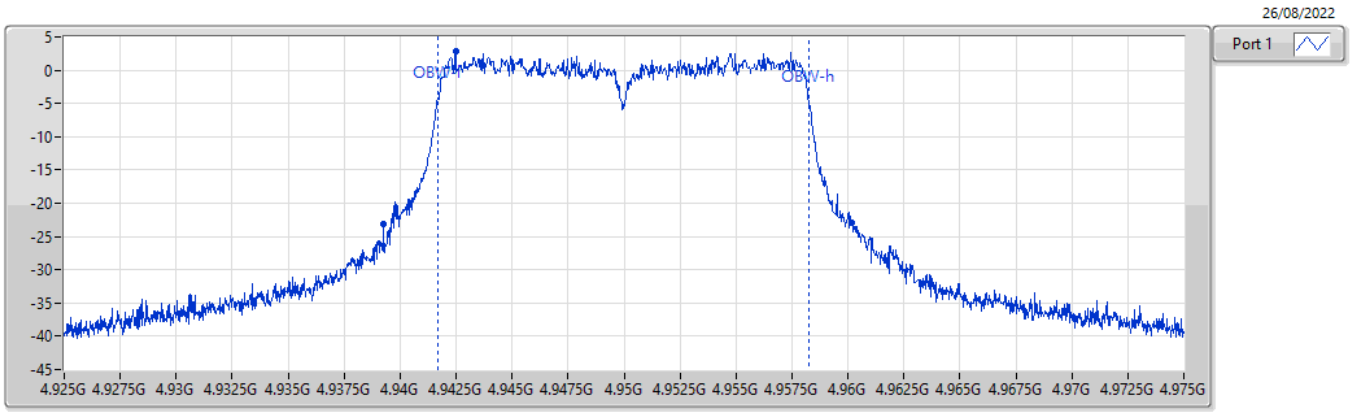
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.238M	4.9799G	4.990138G	8.281M	4.980831G	4.989113G	1	4.985G	25M	100k	300k
10.688M	4.979613G	4.9903G	8.286M	4.980828G	4.989114G	2	4.985G	25M	100k	300k
10.025M	4.979938G	4.989963G	8.282M	4.980833G	4.989115G	3	4.985G	25M	100k	300k
10.15M	4.979975G	4.990125G	8.274M	4.980835G	4.989109G	4	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

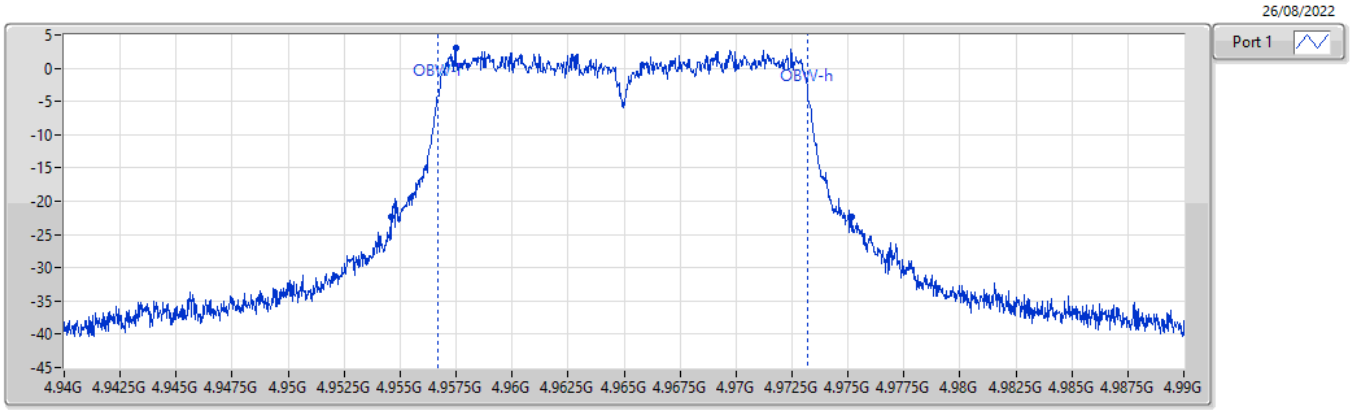
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.925M	4.93925G	4.960175G	16.567M	4.941679G	4.958246G	1	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

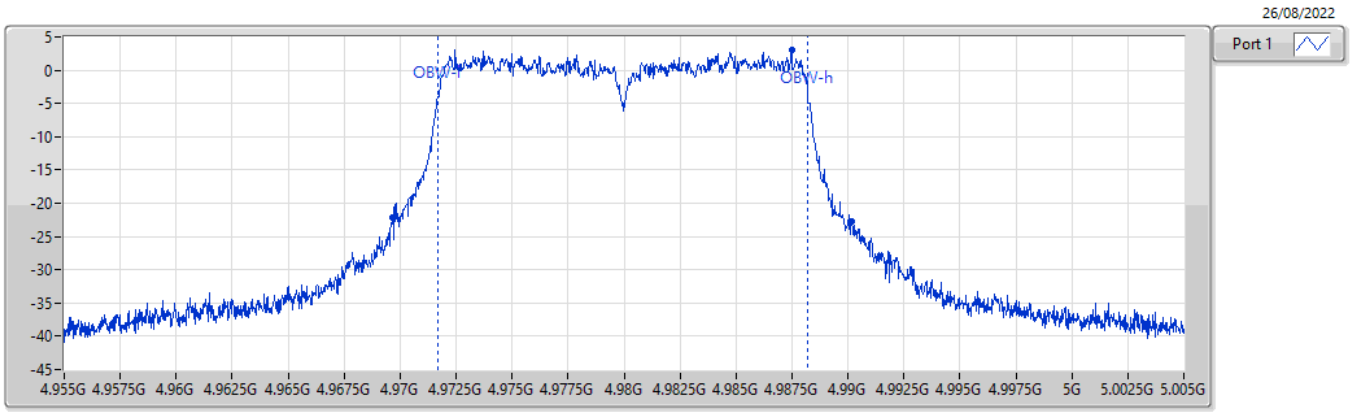
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.525M	4.954625G	4.97515G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

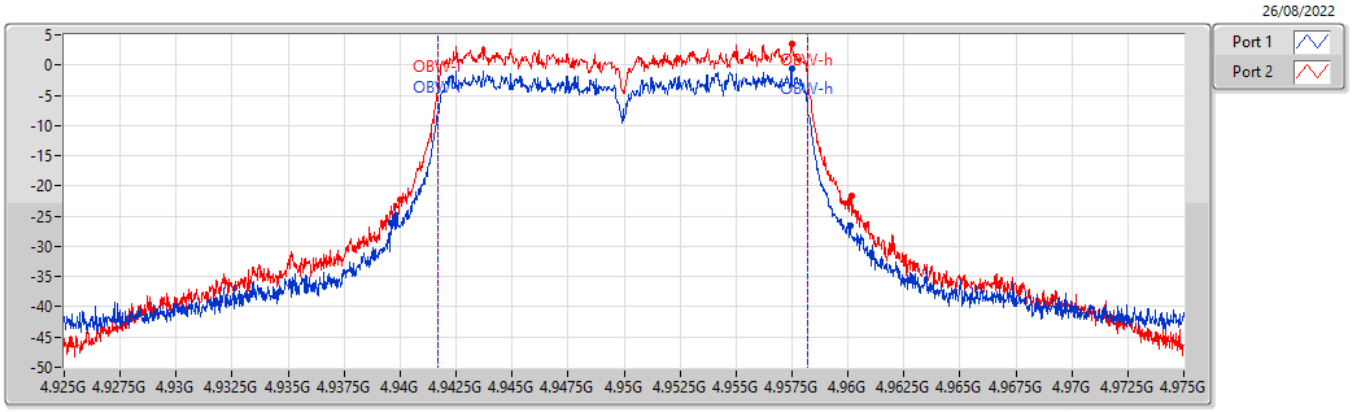
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.525M	4.96965G	4.990175G	16.542M	4.971679G	4.988221G	1	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

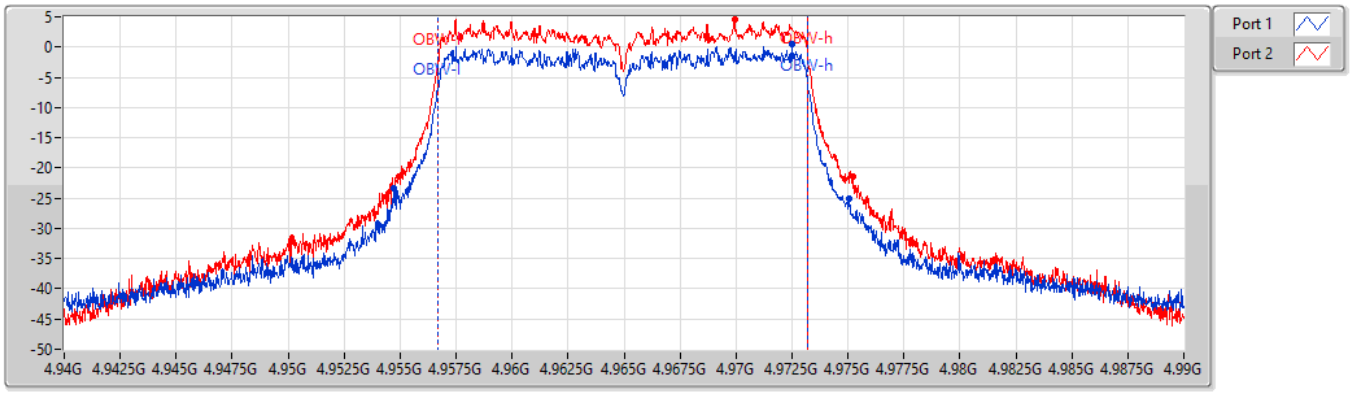
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.475M	4.939625G	4.9601G	16.542M	4.941679G	4.958221G	1	4.95G	50M	200k	1M
20.175M	4.94G	4.960175G	16.517M	4.941704G	4.958221G	2	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

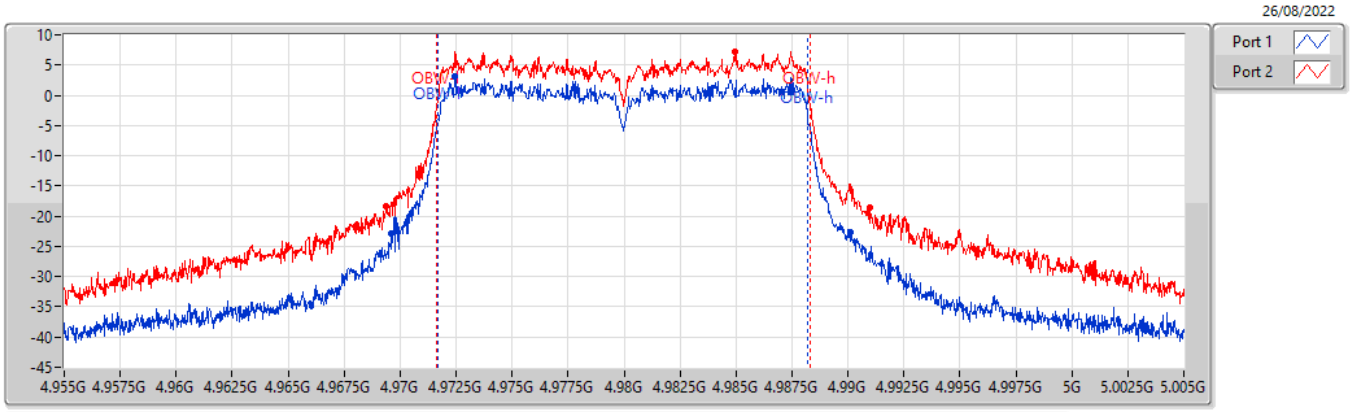
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.35M	4.9547G	4.97505G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M
20.275M	4.954925G	4.9752G	16.517M	4.956704G	4.973221G	2	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

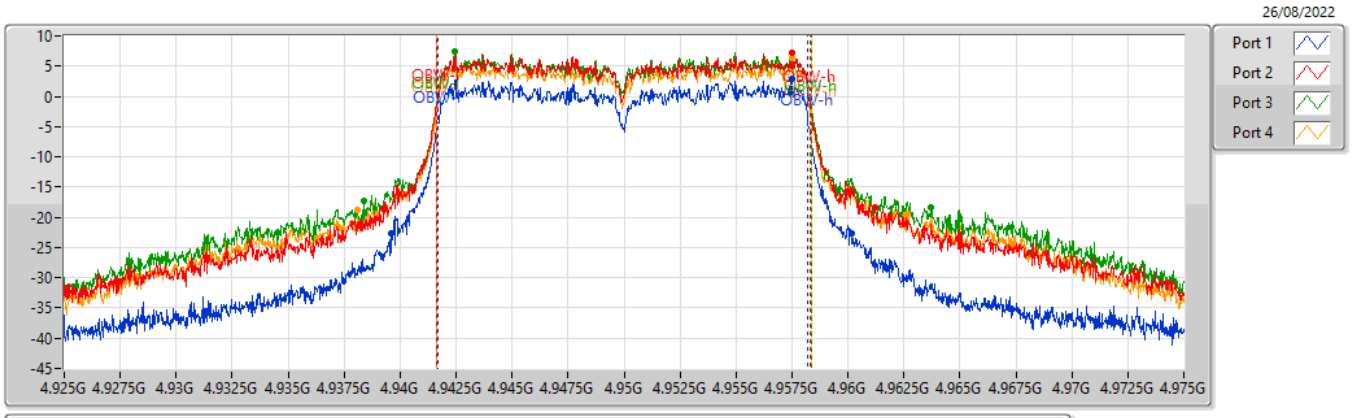
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.5M	4.969625G	4.990125G	16.542M	4.971679G	4.988221G	1	4.98G	50M	200k	1M
21.6M	4.969375G	4.990975G	16.642M	4.971654G	4.988296G	2	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

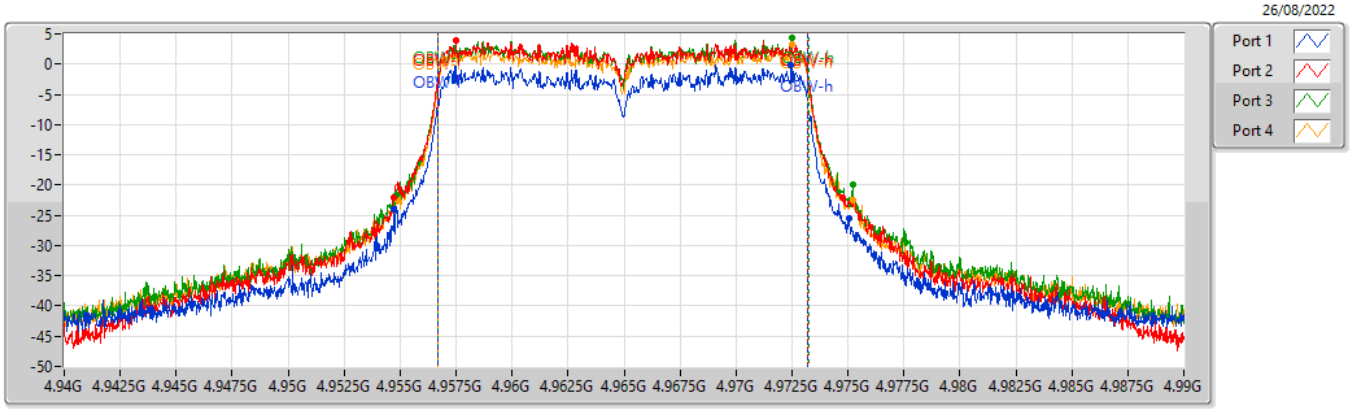
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.575M	4.9396G	4.960175G	16.542M	4.941679G	4.958221G	1	4.95G	50M	200k	1M
21.925M	4.939275G	4.9612G	16.667M	4.941654G	4.958321G	2	4.95G	50M	200k	1M
25.325M	4.938375G	4.9637G	16.792M	4.941604G	4.958396G	3	4.95G	50M	200k	1M
24.55M	4.9381G	4.96265G	16.767M	4.941604G	4.958371G	4	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

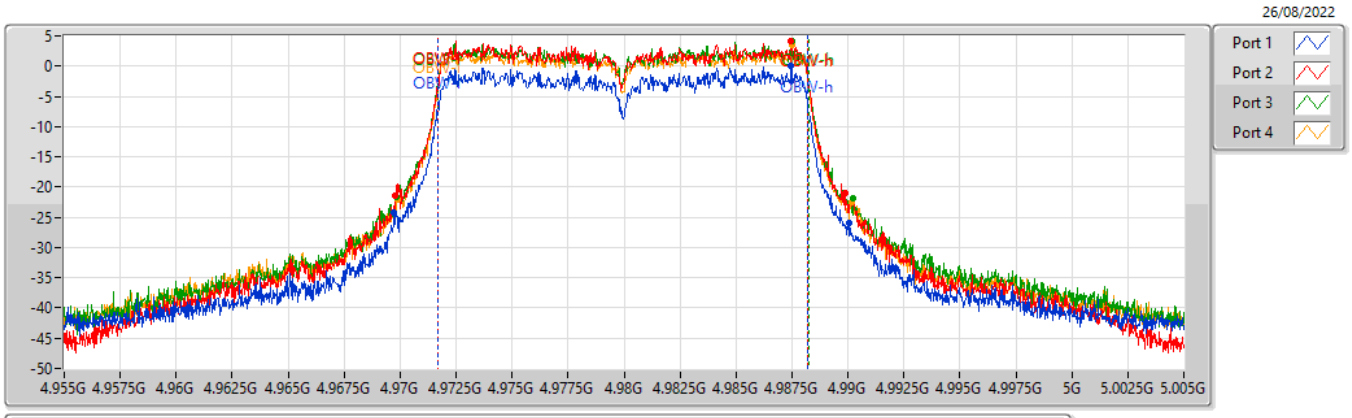
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.325M	4.954725G	4.97505G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M
20.05M	4.9547G	4.97475G	16.542M	4.956679G	4.973221G	2	4.965G	50M	200k	1M
20.375M	4.954825G	4.9752G	16.567M	4.956679G	4.973246G	3	4.965G	50M	200k	1M
20.4M	4.95485G	4.97525G	16.542M	4.956679G	4.973221G	4	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.325M	4.969725G	4.99005G	16.542M	4.971679G	4.988221G	1	4.98G	50M	200k	1M
20.075M	4.969775G	4.98985G	16.517M	4.971704G	4.988221G	2	4.98G	50M	200k	1M
20.4M	4.969825G	4.990225G	16.567M	4.971679G	4.988246G	3	4.98G	50M	200k	1M
20.3M	4.969875G	4.990175G	16.542M	4.971679G	4.988221G	4	4.98G	50M	200k	1M

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
4.94-4.99GHz	-	-	-	-	-
802.11j_10MHz_Nss1_1TX	10.325M	8.288M	8M29	10.125M	8.283M
802.11j_10MHz_Nss1_2TX	10.375M	8.296M	8M30	9.925M	8.271M
802.11j_10MHz_Nss1_4TX	10.45M	8.293M	8M29	10.15M	8.275M
802.11j_20MHz_Nss1_1TX	20.625M	16.567M	16M6	20.475M	16.542M
802.11j_20MHz_Nss1_2TX	20.7M	16.542M	16M5	20M	16.517M
802.11j_20MHz_Nss1_4TX	20.475M	16.567M	16M6	19.9M	16.517M

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

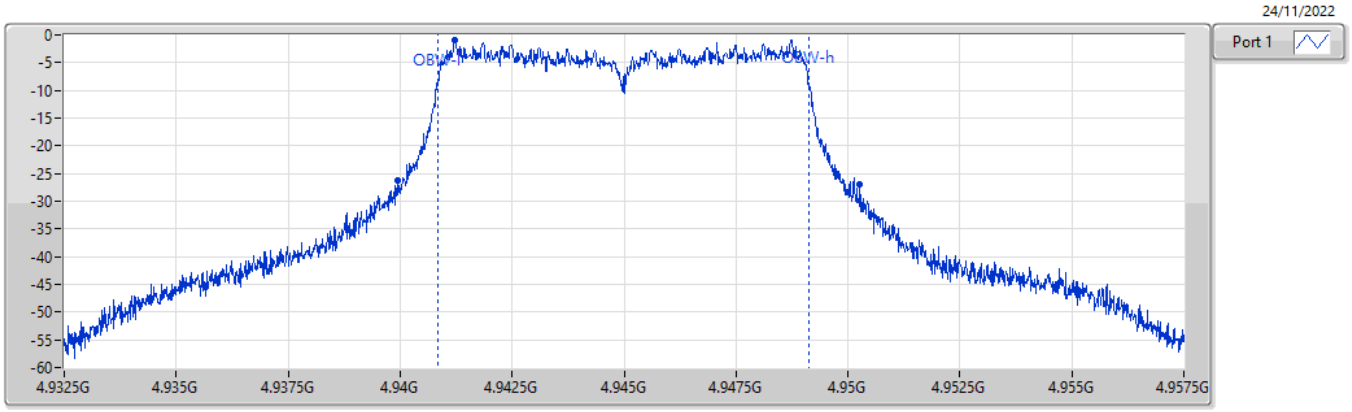
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)
4.94-4.99GHz_802.11j_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.325M	8.285M						
4965MHz	Pass	Inf	10.3M	8.288M						
4985MHz	Pass	Inf	10.125M	8.283M						
4.94-4.99GHz_802.11j_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.375M	8.281M	10.1M	8.271M				
4965MHz	Pass	Inf	9.925M	8.288M	10.3M	8.273M				
4985MHz	Pass	Inf	10.1M	8.296M	10.125M	8.272M				
4.94-4.99GHz_802.11j_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.325M	8.286M	10.275M	8.293M	10.263M	8.275M	10.175M	8.283M
4965MHz	Pass	Inf	10.3M	8.286M	10.45M	8.281M	10.163M	8.281M	10.3M	8.28M
4985MHz	Pass	Inf	10.325M	8.285M	10.238M	8.282M	10.15M	8.28M	10.2M	8.275M
4.94-4.99GHz_802.11j_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.625M	16.567M						
4965MHz	Pass	Inf	20.5M	16.542M						
4980MHz	Pass	Inf	20.475M	16.542M						
4.94-4.99GHz_802.11j_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.4M	16.542M	20.125M	16.542M				
4965MHz	Pass	Inf	20.7M	16.542M	20.2M	16.517M				
4980MHz	Pass	Inf	20.35M	16.542M	20M	16.517M				
4.94-4.99GHz_802.11j_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.475M	16.542M	20M	16.542M	20.425M	16.567M	20.4M	16.542M
4965MHz	Pass	Inf	20.325M	16.542M	20.175M	16.542M	20.3M	16.567M	20.35M	16.567M
4980MHz	Pass	Inf	20.275M	16.517M	20M	16.542M	19.9M	16.567M	19.9M	16.542M

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

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

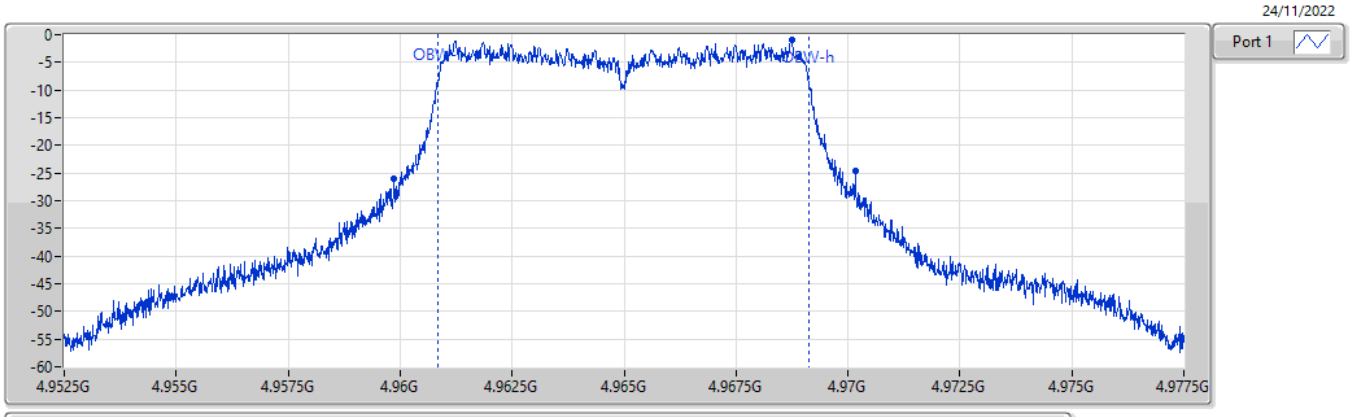
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.325M	4.939938G	4.950263G	8.285M	4.940838G	4.949122G	1	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

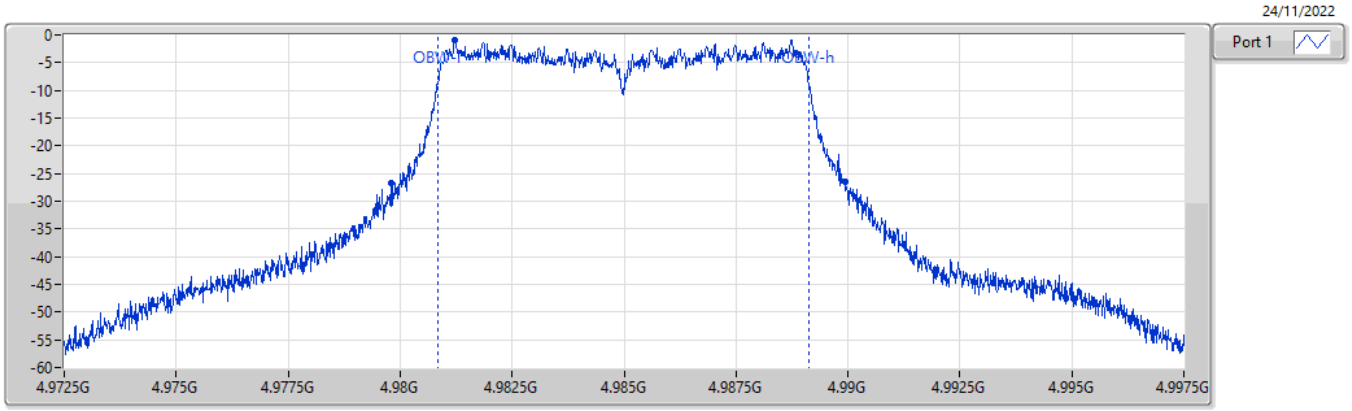
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.3M	4.959863G	4.970163G	8.288M	4.960836G	4.969124G	1	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **EBW**

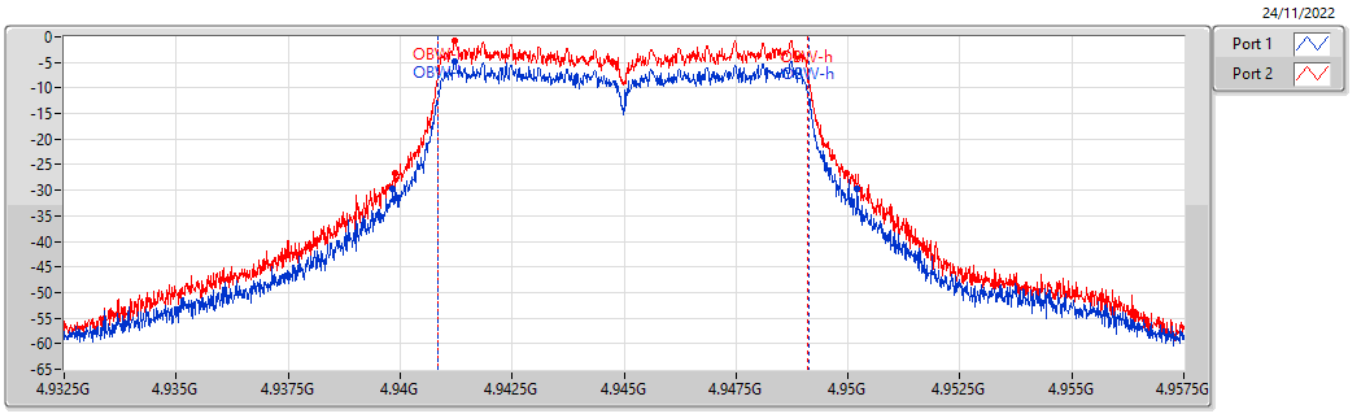
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.125M	4.9798G	4.989925G	8.283M	4.980839G	4.989123G	1	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

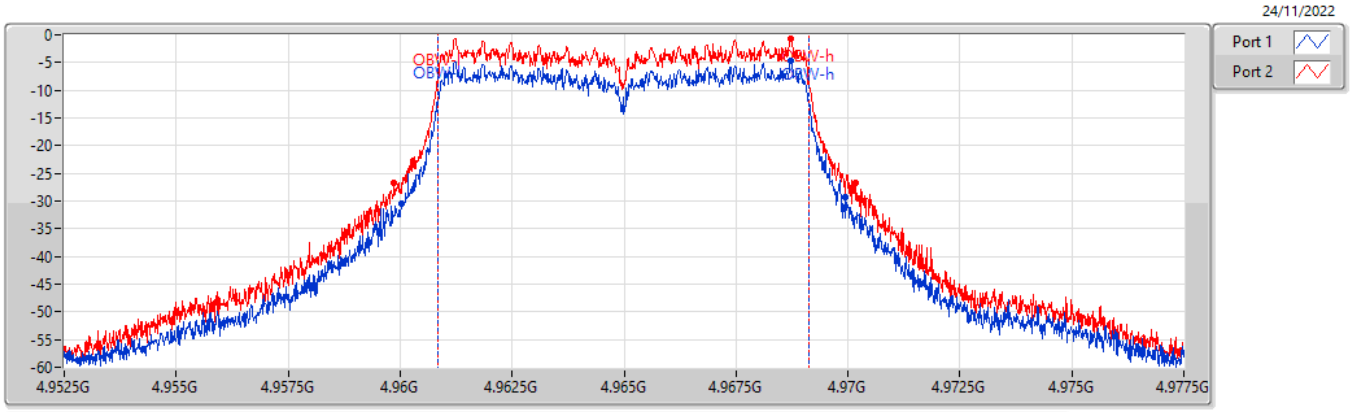
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.375M	4.939838G	4.950213G	8.281M	4.940837G	4.949118G	1	4.945G	25M	100k	300k
10.1M	4.939875G	4.949975G	8.271M	4.940842G	4.949113G	2	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

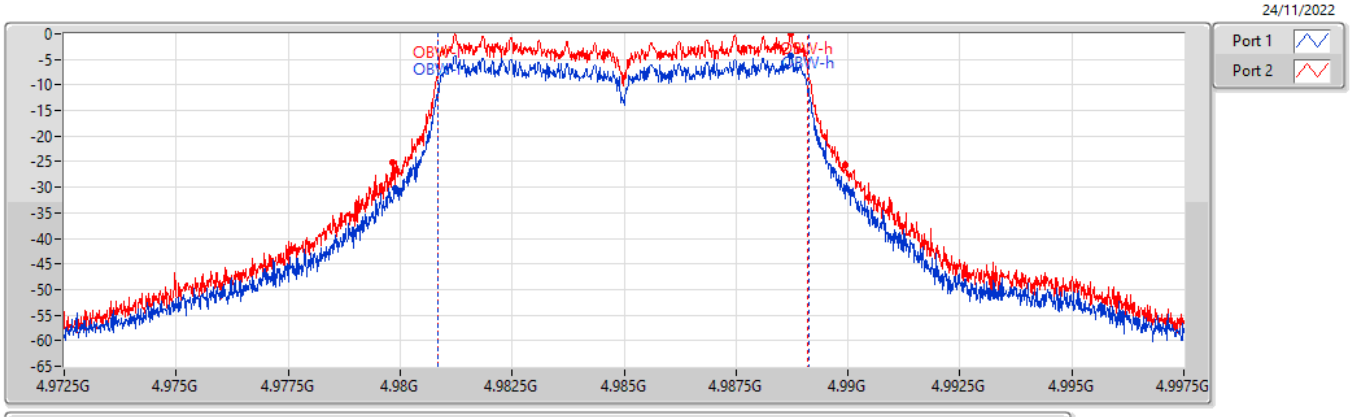
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.925M	4.960025G	4.96995G	8.288M	4.960837G	4.969125G	1	4.965G	25M	100k	300k
10.3M	4.959863G	4.970163G	8.273M	4.960844G	4.969117G	2	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **EBW**

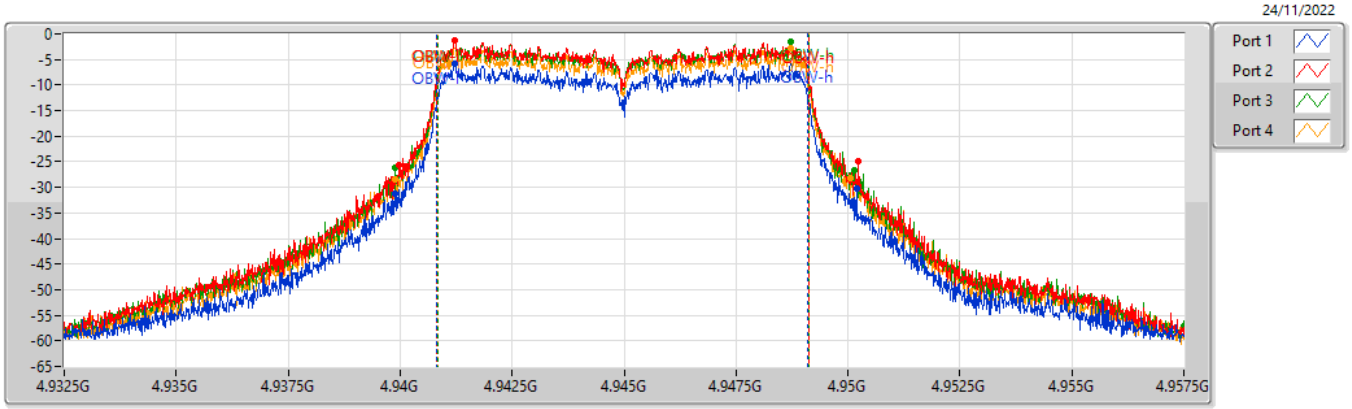
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.1M	4.979875G	4.989975G	8.296M	4.980831G	4.989127G	1	4.985G	25M	100k	300k
10.125M	4.979825G	4.98995G	8.272M	4.980841G	4.989113G	2	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

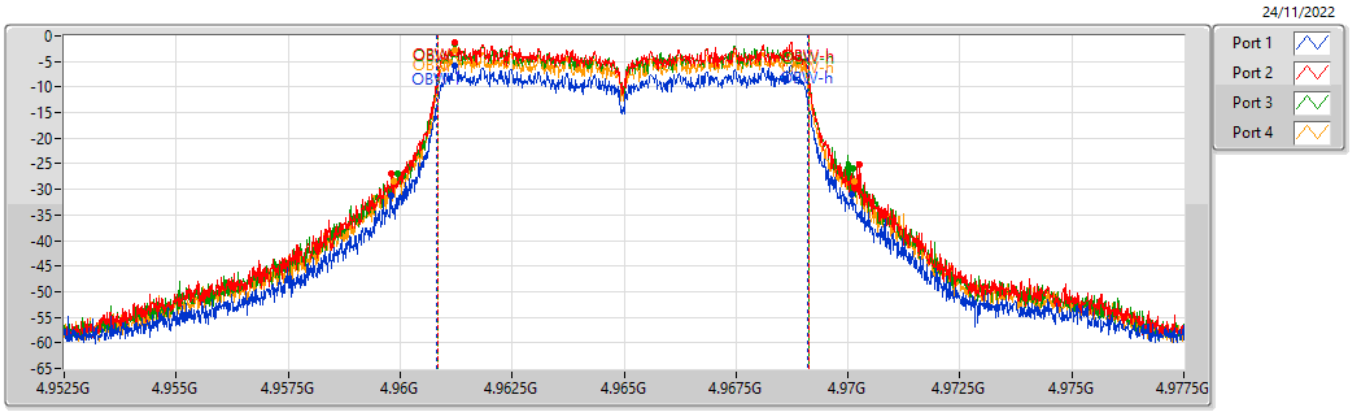
4945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.325M	4.939875G	4.9502G	8.286M	4.940827G	4.949113G	1	4.945G	25M	100k	300k
10.275M	4.939963G	4.950238G	8.293M	4.940825G	4.949118G	2	4.945G	25M	100k	300k
10.263M	4.939888G	4.95015G	8.275M	4.940838G	4.949114G	3	4.945G	25M	100k	300k
10.175M	4.939888G	4.950063G	8.283M	4.940835G	4.949118G	4	4.945G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

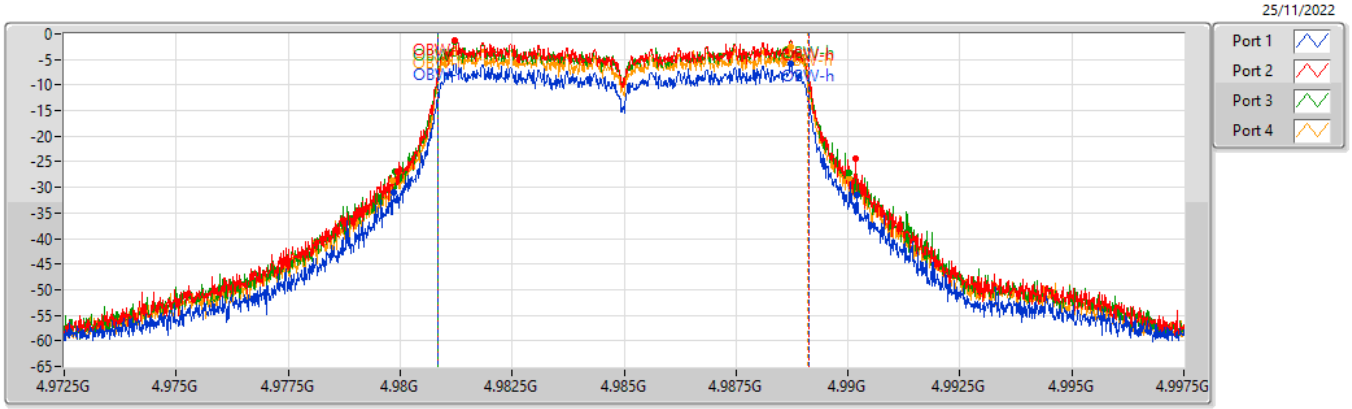
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.3M	4.959788G	4.970088G	8.286M	4.960827G	4.969113G	1	4.965G	25M	100k	300k
10.45M	4.959813G	4.970263G	8.281M	4.960833G	4.969114G	2	4.965G	25M	100k	300k
10.163M	4.95995G	4.970113G	8.281M	4.960838G	4.96912G	3	4.965G	25M	100k	300k
10.3M	4.95985G	4.97015G	8.28M	4.960837G	4.969116G	4	4.965G	25M	100k	300k

4.94-4.99GHz_802.11j_10MHz_Nss1_4TX **EBW**

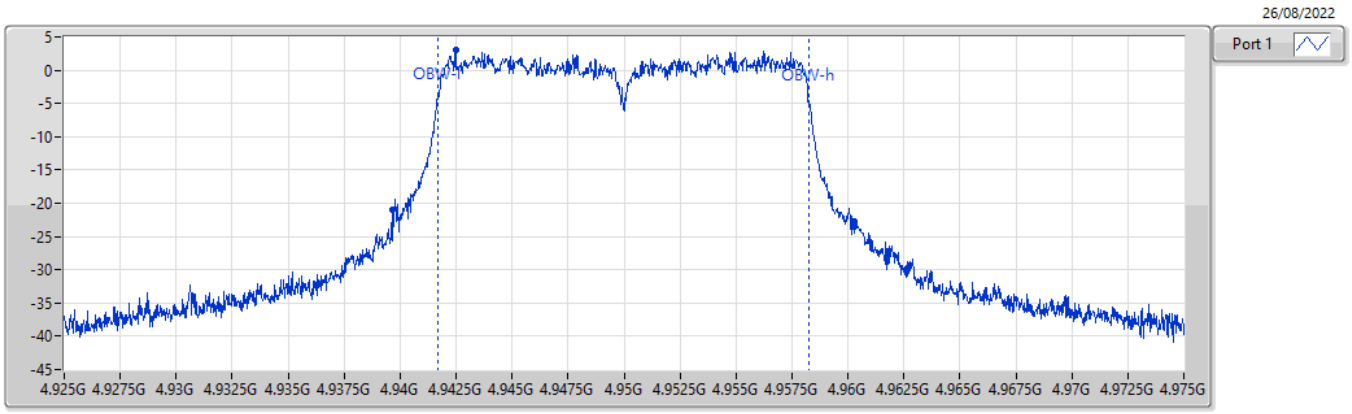
4985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.325M	4.979863G	4.990188G	8.285M	4.98083G	4.989115G	1	4.985G	25M	100k	300k
10.238M	4.979938G	4.990175G	8.282M	4.980834G	4.989116G	2	4.985G	25M	100k	300k
10.15M	4.979888G	4.990038G	8.28M	4.980838G	4.989117G	3	4.985G	25M	100k	300k
10.2M	4.979825G	4.990025G	8.275M	4.980838G	4.989113G	4	4.985G	25M	100k	300k

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

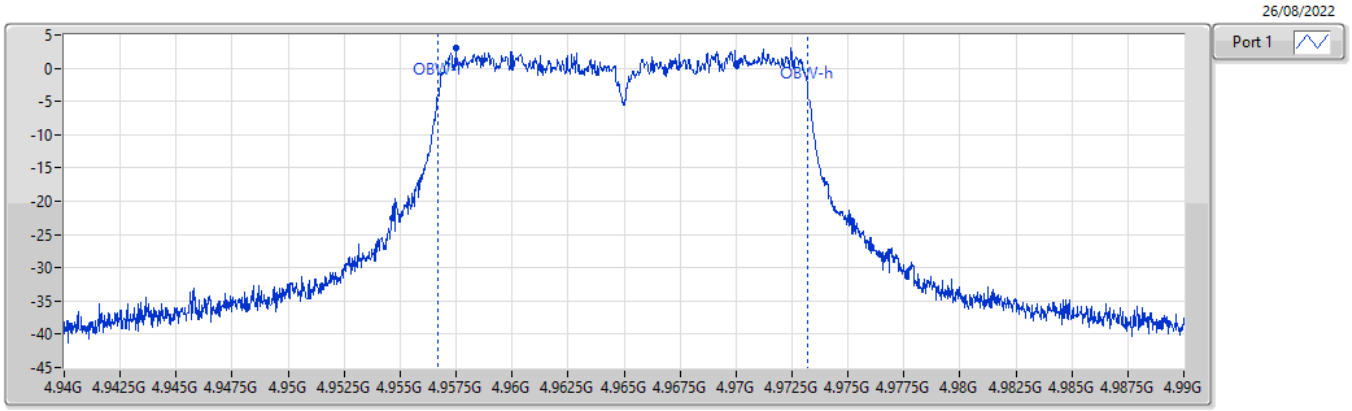
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.625M	4.939675G	4.9603G	16.567M	4.941679G	4.958246G	1	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

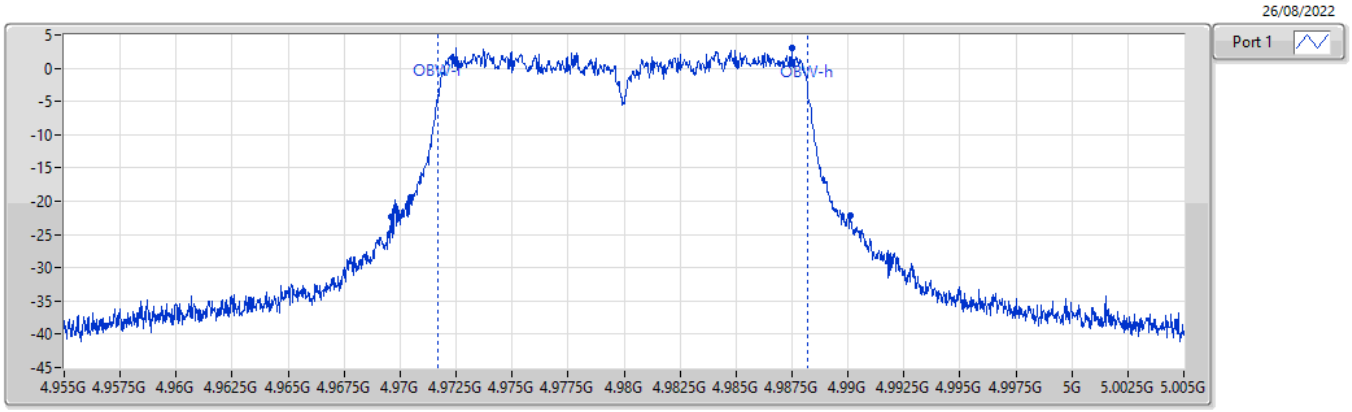
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.5M	4.95465G	4.97515G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_1TX **EBW**

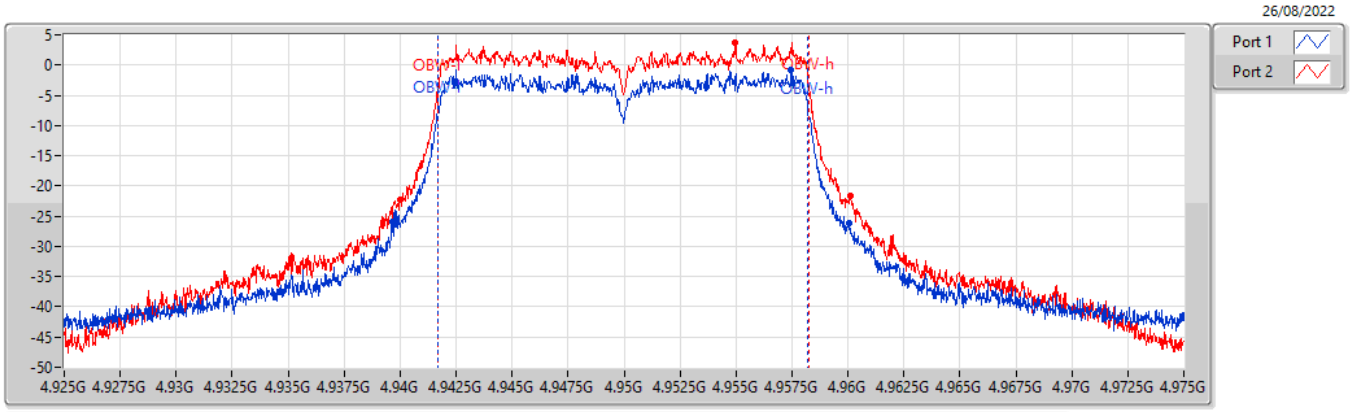
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.475M	4.969625G	4.9901G	16.542M	4.971679G	4.988221G	1	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

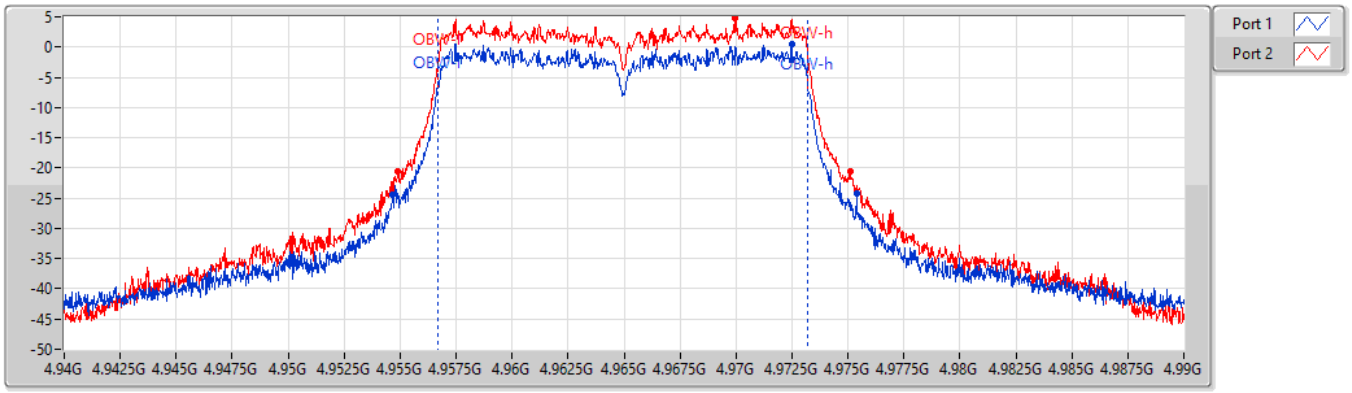
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.4M	4.93965G	4.96005G	16.542M	4.941679G	4.958221G	1	4.95G	50M	200k	1M
20.125M	4.94G	4.960125G	16.542M	4.941704G	4.958246G	2	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

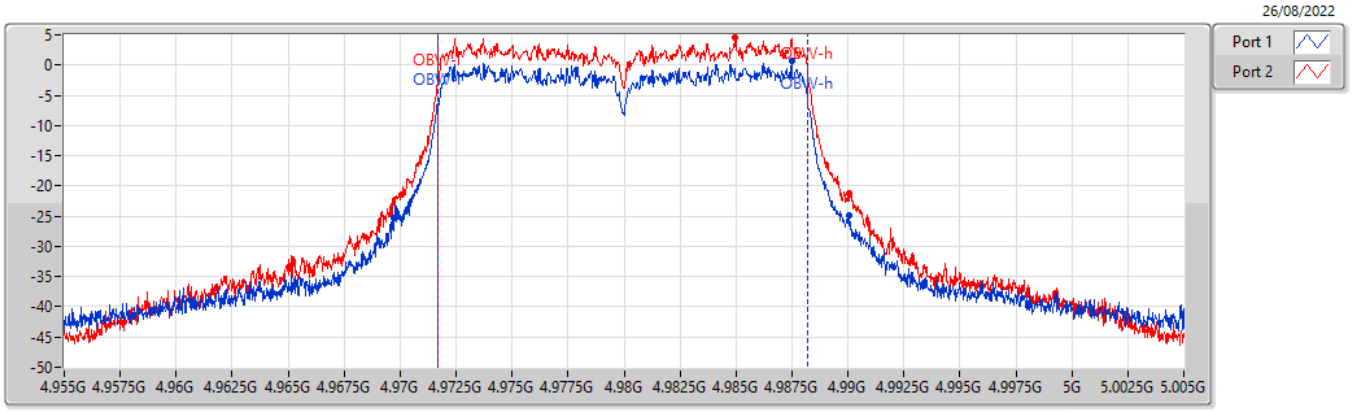
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.7M	4.954675G	4.975375G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M
20.2M	4.9549G	4.9751G	16.517M	4.956704G	4.973221G	2	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_2TX **EBW**

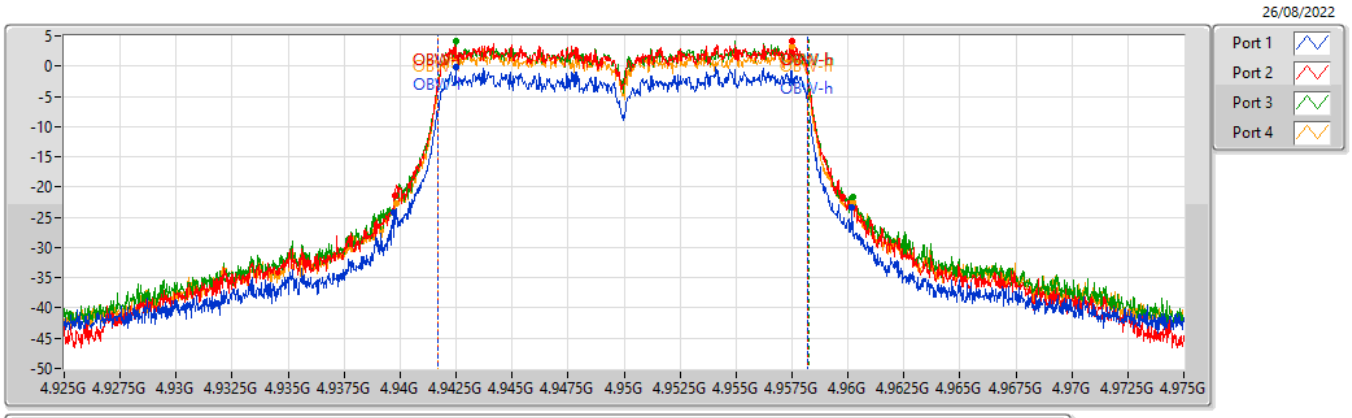
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.35M	4.9697G	4.99005G	16.542M	4.971679G	4.988221G	1	4.98G	50M	200k	1M
20M	4.97005G	4.99005G	16.517M	4.971704G	4.988221G	2	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

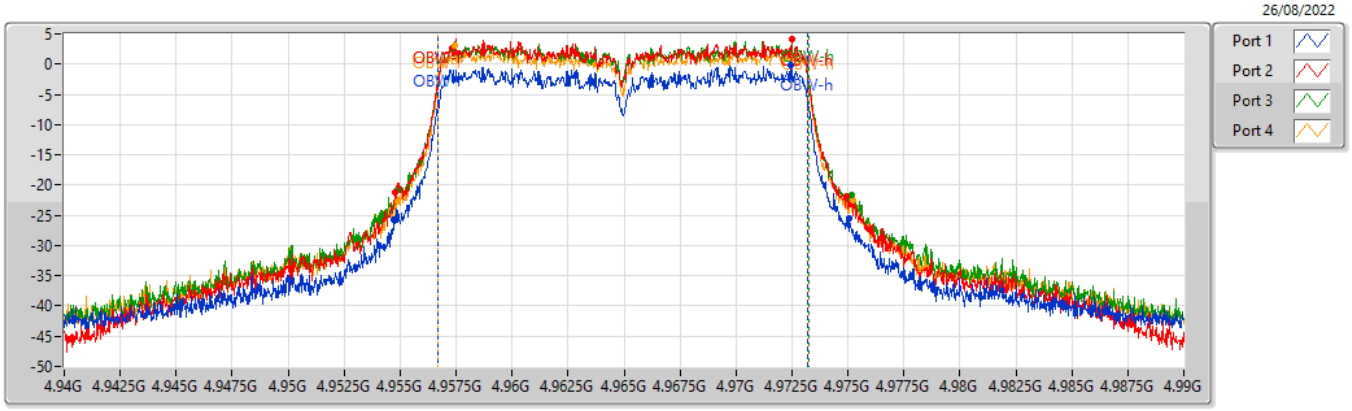
4950MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.475M	4.9397G	4.960175G	16.542M	4.941679G	4.958221G	1	4.95G	50M	200k	1M
20M	4.93975G	4.95975G	16.542M	4.941679G	4.958221G	2	4.95G	50M	200k	1M
20.425M	4.939825G	4.96025G	16.567M	4.941679G	4.958246G	3	4.95G	50M	200k	1M
20.4M	4.939825G	4.960225G	16.542M	4.941679G	4.958221G	4	4.95G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

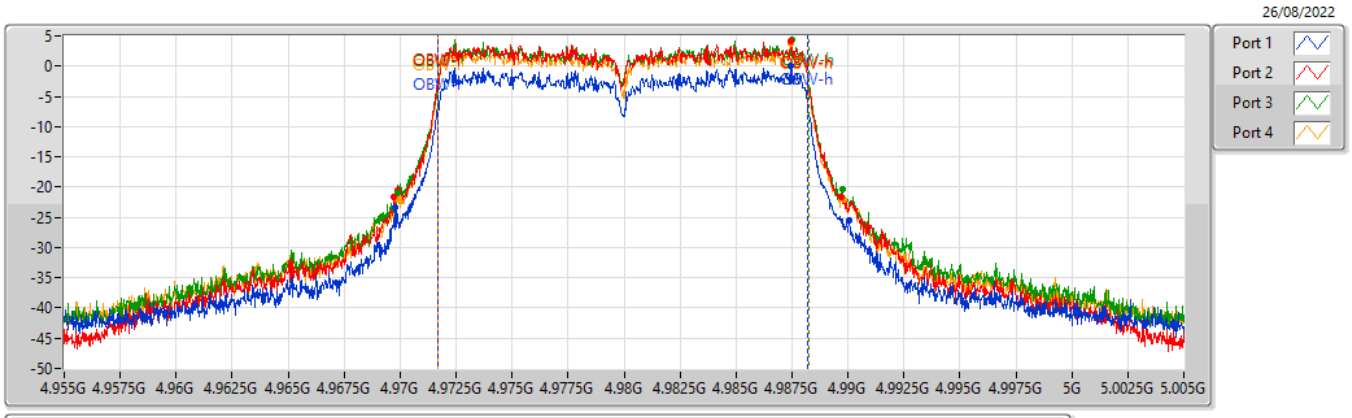
4965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.325M	4.954725G	4.97505G	16.542M	4.956679G	4.973221G	1	4.965G	50M	200k	1M
20.175M	4.95475G	4.974925G	16.542M	4.956679G	4.973221G	2	4.965G	50M	200k	1M
20.3M	4.95485G	4.97515G	16.567M	4.956679G	4.973246G	3	4.965G	50M	200k	1M
20.35M	4.954875G	4.975225G	16.567M	4.956679G	4.973246G	4	4.965G	50M	200k	1M

4.94-4.99GHz_802.11j_20MHz_Nss1_4TX **EBW**

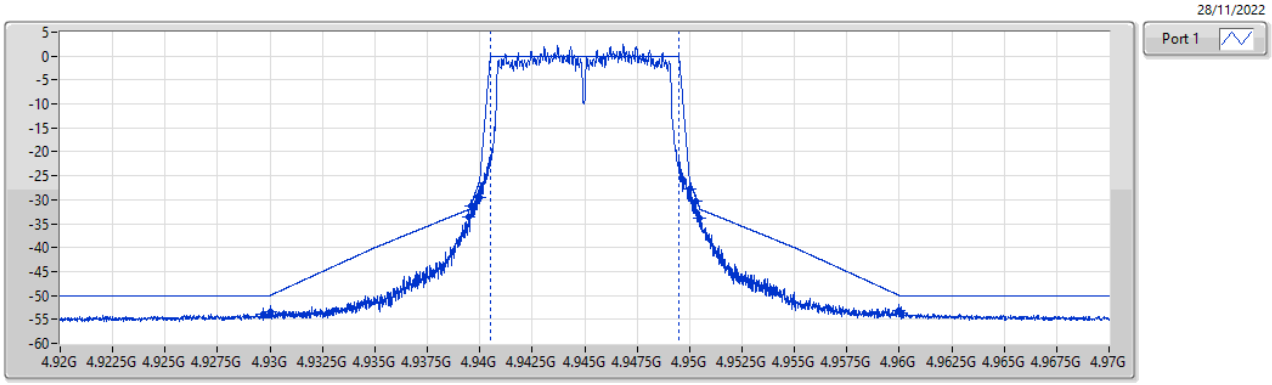
4980MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.275M	4.96975G	4.990025G	16.517M	4.971679G	4.988196G	1	4.98G	50M	200k	1M
20M	4.969725G	4.989725G	16.542M	4.971679G	4.988221G	2	4.98G	50M	200k	1M
19.9M	4.969875G	4.989775G	16.567M	4.971679G	4.988246G	3	4.98G	50M	200k	1M
19.9M	4.9699G	4.9898G	16.542M	4.971679G	4.988221G	4	4.98G	50M	200k	1M

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **Mask**

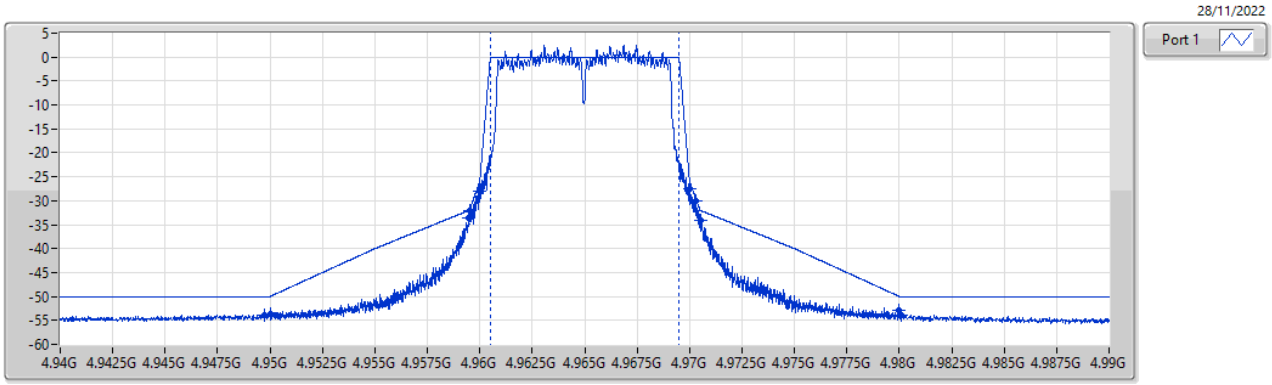
4945MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.92G	4.93G	100k	30k	RMS	4.92968G	-53.87	-50.00	-3.87	1	-	-
4.93G	4.935G	100k	30k	RMS	4.93001G	-53.51	-49.98	-3.53	1	-	-
4.935G	4.9395G	100k	30k	RMS	4.93947G	-33.57	-32.05	-1.52	1	-	-
4.9395G	4.94G	100k	30k	RMS	4.9396G	-31.24	-30.86	-0.38	1	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-29.45	-26.00	-3.45	1	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	18.30	Inf	-Inf	1	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.94999G	-27.67	-25.48	-2.19	1	-	-
4.95G	4.9505G	100k	30k	RMS	4.95028G	-30.41	-29.36	-1.05	1	-	-
4.9505G	4.955G	100k	30k	RMS	4.9505G	-33.74	-32.00	-1.74	1	-	-
4.955G	4.96G	100k	30k	RMS	4.95998G	-53.17	-49.96	-3.21	1	-	-
4.96G	4.97G	100k	30k	RMS	4.96012G	-53.76	-50.00	-3.76	1	-	-

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **Mask**

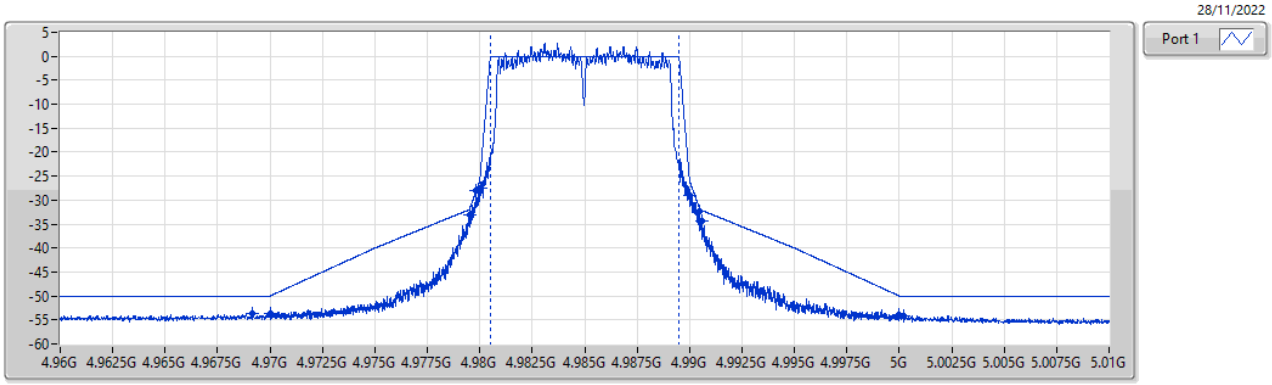
4965MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.94G	4.95G	100k	30k	RMS	4.94976G	-53.78	-50.00	-3.78	1	-	-
4.95G	4.955G	100k	30k	RMS	4.95001G	-53.75	-49.98	-3.77	1	-	-
4.955G	4.9595G	100k	30k	RMS	4.95948G	-33.48	-32.03	-1.45	1	-	-
4.9595G	4.96G	100k	30k	RMS	4.95951G	-32.12	-31.88	-0.24	1	-	-
4.96G	4.9605G	100k	30k	RMS	4.96G	-28.10	-26.00	-2.10	1	-	-
4.9605G	4.9695G	100k	30k	RMS	4.965G	18.51	Inf	-Inf	1	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.96999G	-27.48	-25.22	-2.26	1	-	-
4.97G	4.9705G	100k	30k	RMS	4.97029G	-29.93	-29.42	-0.51	1	-	-
4.9705G	4.975G	100k	30k	RMS	4.97054G	-34.13	-32.06	-2.07	1	-	-
4.975G	4.98G	100k	30k	RMS	4.97995G	-53.00	-49.90	-3.10	1	-	-
4.98G	4.99G	100k	30k	RMS	4.9801G	-53.91	-50.00	-3.91	1	-	-

4.94-4.99GHz_802.11j_10MHz_Nss1_1TX **Mask**

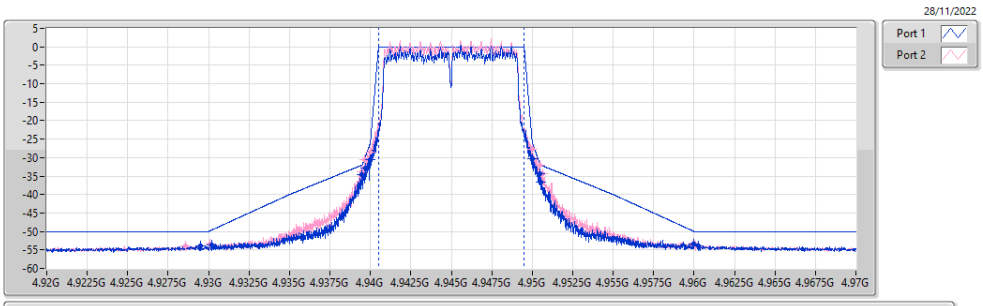
4985MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.96G	4.97G	100k	30k	RMS	4.96918G	-53.66	-50.00	-3.66	1	-	-
4.97G	4.975G	100k	30k	RMS	4.97G	-53.59	-50.00	-3.59	1	-	-
4.975G	4.9795G	100k	30k	RMS	4.9795G	-33.18	-32.00	-1.18	1	-	-
4.9795G	4.98G	100k	30k	RMS	4.97984G	-28.08	-27.98	-0.10	1	-	-
4.98G	4.9805G	100k	30k	RMS	4.98002G	-27.50	-24.96	-2.54	1	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	18.61	Inf	-Inf	1	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.99G	-28.99	-25.74	-3.25	1	-	-
4.99G	4.9905G	100k	30k	RMS	4.99045G	-32.23	-31.34	-0.89	1	-	-
4.9905G	4.995G	100k	30k	RMS	4.99058G	-34.35	-32.14	-2.21	1	-	-
4.995G	5G	100k	30k	RMS	4.99998G	-53.82	-49.96	-3.86	1	-	-
5G	5.01G	100k	30k	RMS	5.00022G	-54.11	-50.00	-4.11	1	-	-

4.94-4.99GHz_802.11j_10MHz_Nss1_2TX **Mask**

4945MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.92G	4.93G	100k	30k	RMS	4.92948G	-53.92	-50.00	-3.92	1	-	-
4.93G	4.935G	100k	30k	RMS	4.93018G	-53.60	-49.64	-3.96	1	-	-
4.935G	4.9395G	100k	30k	RMS	4.93949G	-34.68	-32.02	-2.66	1	-	-
4.9395G	4.94G	100k	30k	RMS	4.93968G	-32.82	-29.84	-2.98	1	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-30.50	-26.00	-4.50	1	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	16.65	Inf	-Inf	1	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.94999G	-30.18	-25.48	-4.70	1	-	-
4.95G	4.9505G	100k	30k	RMS	4.95047G	-34.23	-31.58	-2.65	1	-	-
4.9505G	4.955G	100k	30k	RMS	4.95056G	-36.72	-32.11	-4.61	1	-	-
4.955G	4.96G	100k	30k	RMS	4.95998G	-53.46	-49.96	-3.50	1	-	-
4.96G	4.97G	100k	30k	RMS	4.96026G	-53.78	-50.00	-3.78	1	-	-
4.92G	4.93G	100k	30k	RMS	4.92858G	-53.98	-50.00	-3.98	2	-	-
4.93G	4.935G	100k	30k	RMS	4.93006G	-53.30	-49.88	-3.42	2	-	-
4.935G	4.9395G	100k	30k	RMS	4.93949G	-33.92	-32.02	-1.90	2	-	-
4.9395G	4.94G	100k	30k	RMS	4.93964G	-30.43	-30.38	-0.05	2	-	-
4.94G	4.9405G	100k	30k	RMS	4.94001G	-28.51	-25.74	-2.77	2	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	18.24	Inf	-Inf	2	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.95G	-27.69	-25.74	-1.95	2	-	-
4.95G	4.9505G	100k	30k	RMS	4.95048G	-32.08	-31.76	-0.32	2	-	-
4.9505G	4.955G	100k	30k	RMS	4.95062G	-34.28	-32.21	-2.07	2	-	-
4.955G	4.96G	100k	30k	RMS	4.95995G	-53.11	-49.90	-3.21	2	-	-
4.96G	4.97G	100k	30k	RMS	4.9601G	-53.81	-50.00	-3.81	2	-	-