

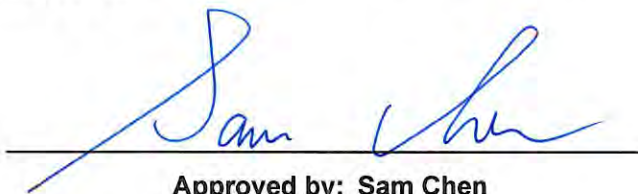


RADIO TEST REPORT

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 Jun. 18, 2024, and testing was started from Jun. 29, 2024 and completed on Jul. 01, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR FCC Part 90 Subpart Y, ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this variant 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

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A16_3 Ver1.2



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	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: Sophia Shiung



1 General Description

1.1 Product Information

1.1.1 Specification Information

RF General Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Bandwidth (MHz)
4940-4990	j, VHT	4945-4985	10
4940-4990	j, VHT	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
4.940-4.990GHz	11j,VHT10	10	1, 2, 4
4.940-4.990GHz	11j,VHT10,BF	10	2, 4
4.940-4.990GHz	11j,VHT20	20	1, 2, 4
4.940-4.990GHz	11j,VHT20,BF	20	2, 4

Note:

802.11j: OFDM (BPSK, QPSK, 16QAM, 64QAM)

VHT: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)

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	-



Channel Bandwidth	Carrier Frequency (MHz)	Carrier Frequency (MHz)
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	CISCO's Model Name	Antenna Type	Connector	Gain (dBi)
	Manufacturer's Brand Name	Manufacturer's Model Name			
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			
22	CISCO	IW-ANT-PNL-515-N=	Panel	N Female	
	Amphenol SAA	IW-ANT-PNL-515-N			
23	CISCO	IW-ANT-OMV-55-N	Dipole	N Female	
24	CISCO	IW-ANT-OMH-55-N	Dipole	N Female	
25	PCTEL	IW-ANT-PNL25610-R=	Sector	RP-TNC female	
26	CISCO	IW-ANT-DS9-516-N	Sector	N Female	
	MTI Wireless Edge	MT-464018/ND/B			



RADIO TEST REPORT

Report No. : FL281101-18

Set.	CISCO's Brand Name	CISCO's Model Name	Antenna Type	Connector	Gain (dBi)
	Manufacturer's Brand Name	Manufacturer's Model Name			
27	CISCO	IW-ANT-SS9-516-N	Sector	N Female	Note 1
	MTI Wireless Edge	MT-464047/NVH/B			

Set.	Port										
	WLAN 2.4GHz (Radio 1)	WLAN 5GHz (Radio 1)		WLAN 5GHz (Radio 2)		WLAN 6GHz (Radio 2)	WLAN 2.4GHz (Scanning Radio 3)	WLAN 5GHz (Scanning Radio 3)	WLAN 6GHz (Scanning Radio 3)	BT (Radio 4)	GPS (Radio 5)
		UNII 1~3	4.9G	UNII 1~3	4.9G						
1	-	-	-	-	-	-	-	-	-	-	-
2	1	-	-	-	-	-	1	-	-	-	-
	2	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-	1	-
3	-	4	4	1	1	-	-	2	-	-	-
	-	3	3	2	2	-	-	1	-	-	-
	-	2	2	3	3	-	-	-	-	-	-
	-	1	1	4	4	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	1	-	-	-	-	-
	-	-	-	-	-	2	-	-	1	-	-
	-	-	-	-	-	3	-	-	-	-	-
	-	-	-	-	-	4	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	1
22	-	-	-	-	-	1	-	-	-	-	-
	-	-	-	-	-	2	-	-	1	-	-
	-	-	-	-	-	3	-	-	-	-	-
	-	-	-	-	-	4	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-



Set.	Port										
	WLAN 2.4GHz (Radio 1)	WLAN 5GHz (Radio 1)		WLAN 5GHz (Radio 2)		WLAN 6GHz (Radio 2)	WLAN 2.4GHz (Scanning Radio 3)	WLAN 5GHz (Scanning Radio 3)	WLAN 6GHz (Scanning Radio 3)	BT (Radio 4)	GPS (Radio 5)
		UNII 1~3	4.9G	UNII 1~3	4.9G						
25	-	-	-	-	-	-	1	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
26	-	-	4	-	1	-	-	-	-	-	-
	-	-	3	-	2	-	-	-	-	-	-
	-	-	2	-	3	-	-	-	-	-	-
	-	-	1	-	4	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-

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)	6GHz (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)	6GHz (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)	6GHz (Radio 2) (Scanning Radio 3)	GPS (Radio 5)	
	2.4G / Bluetooth	UNII 1~3	4.9G	UNII 5, UNII 7	-	2.4G / Bluetooth	UNII 1~3	4.9G	UNII 5, UNII 7	-	2.4G / Bluetooth	UNII 1~3	4.9G	UNII 5, UNII 7	-
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	12.03	-	-
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	7	-	-	-	-	-	-	4	7	7	7	-
20	4	7	7	7	-	-	-	-	-	-	4	7	7	7	-
21	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	2.5
22	-	15	15	15	-	-	2.05	2	2.12	-	-	12.95	13	12.88	-
23	-	4	-	-	-	-	-	-	-	-	-	4	-	-	-
24	-	5	-	-	-	-	-	-	-	-	-	5	-	-	-
25	9	9	-	10	-	0.35	0.65	-	0.75	-	8.65	8.35	-	9.25	-
26	-	15	15	-	-	-	0.97	0.97	-	-	-	14.03	14.03	-	-
27	-	15	15	-	-	-	0.97	0.97	-	-	-	14.03	14.03	-	-



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	-	-
22	No	Yes
23	Yes	No
24	Yes	No
25	Yes	No
26	Yes	No
27	Yes	No

Note 2: The above information was declared by manufacturer.

Note 3: There are 27 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, 26.

For WLAN 6GHz: Set 20, 22.

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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
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 :

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

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

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

Where ;

$$2.4G \ G1 = 4 \text{ dBi}; G2 = 4 \text{ dBi}; G3 = 4 \text{ dBi}; G4 = 4 \text{ dBi};$$

$$2TDG = 7.01 \text{ dBi} \quad 4TDG = 10.02 \text{ dBi}$$

$$2.4G \ G1 = 13 \text{ dBi}; G2 = 13 \text{ dBi}; G3 = 13 \text{ dBi}; G4 = 13 \text{ dBi};$$

$$2TDG = 16.01 \text{ dBi} \quad 4TDG = 19.02 \text{ dBi}$$

$$5G \ G1 = 3 \text{ dBi}; G2 = 3 \text{ dBi}; G3 = 3 \text{ dBi}; G4 = 3 \text{ dBi};$$

$$2TDG = 6.01 \text{ dBi} \quad 4TDG = 9.02 \text{ dBi}$$

$$5G \ G1 = 18.53 \text{ dBi}; G2 = 18.53 \text{ dBi}; G3 = 18.53 \text{ dBi}; G4 = 18.53 \text{ dBi};$$

$$2TDG = 18.53 \text{ dBi} \quad 4TDG = 21.54 \text{ dBi}$$

$$4.9G \ G1 = 3 \text{ dBi}; G2 = 3 \text{ dBi}; G3 = 3 \text{ dBi}; G4 = 3 \text{ dBi};$$

$$2TDG = 6.01 \text{ dBi} \quad 4TDG = 9.02 \text{ dBi}$$

$$4.9G \ G1 = 14.03 \text{ dBi}; G2 = 14.03 \text{ dBi}; G3 = 14.03 \text{ dBi}; G4 = 14.03 \text{ dBi};$$

$$2TDG = 17.04 \text{ dBi} \quad 4TDG = 20.05 \text{ dBi}$$

$$6E \ G1 = 7.0 \text{ dBi}; G2 = 7.0 \text{ dBi}; G3 = 7.0 \text{ dBi}; G4 = 7.0 \text{ dBi};$$

$$2TDG = 10.01 \text{ dBi} \quad 4TDG = 13.02 \text{ dBi}$$

$$6E \ G1 = 12.88 \text{ dBi}; G2 = 12.88 \text{ dBi}; G3 = 12.88 \text{ dBi}; G4 = 12.88 \text{ dBi};$$

$$2TDG = 15.89 \text{ dBi} \quad 4TDG = 18.90 \text{ dBi}$$

**Note 5: 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 5GHz UNII 1~UNII 3:**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 4.9GHz:**For IEEE 802.11j/VHT 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:

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 4.9GHz:

For IEEE 802.11j/VHT 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 6GHz UNII 5, UNII 7:

For IEEE 802.11ax 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 6GHz UNII 5, UNII 7:

For IEEE 802.11ax mode (1RX):

1RX

Only Port 1 can be use as receiving antenna.

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

Mode	DC	DCF(dB)
11j,VHT10	0.945	0.25
11j,VHT10,BF	0.945	0.25
11j,VHT20	0.866	0.62
11j,VHT20,BF	0.866	0.62

For Pine Radio 2

Mode	DC	DCF(dB)
11j,VHT10	0.862	0.64
11j,VHT10,BF	0.862	0.64
11j,VHT20	0.833	0.79
11j,VHT20,BF	0.833	0.79

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

Operate Mode	Function	Firmware	Support Band
Master/Mesh/Bridge	AP	WNBU image	Bluetooth, WLAN 2.4GHz, 5GHz
Master	P2P	CURUWB image	WLAN 5GHz, 4.9GHz
Master/Slave with radar detection	P2MP	CURUWB image	WLAN 5GHz, 4.9GHz
Master	AP	WNBU image	WLAN 6GHz

Note 1: For above table list, only AP mode was tested and recorded in this test.

Note 2: 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	6GHz UNII 5, UNII 7	Scanning radio (WLAN 2.4GHz / 5GHz UNII 1~UNII 3 / 6GHz UNII 5, UNII 7)	Bluetooth	GPS
R1 (Iron Radio)	V (AP: 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	V (AP: 20/40/80/160)	-	-	-
R3 (Scanning Radio)	-	-	-	-	V (For 2.4GHz/5GHz-AP: 20/40/80/160) (For 5GHz-P2P/P2MP: 20/40/80/160) (For 6GHz-AP: 160-RX only)	-	-
R4	-	-	-	-	-	V	-
R5	-	-	-	-	-	-	V

Note: The above information was declared by manufacturer.

1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: 281101-11.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Add antenna set 26 and 27 with higher antenna gain in 4.9GHz and lower antenna gain in 5GHz (Please refer to section 1.1.2 for detailed information.) 2. Revise the typo on the antenna gain of antenna set 23 to "4dBi" from "5dBi".	After evaluation, it does not need to re-test.
3. Add VHT mode with bandwidth 10MHz and 20MHz in 4.9GHz.	For VHT mode with antenna set 3 and 26: Maximum Conducted Output Power / Peak Power Spectral Density For VHT mode: 1. Peak Excursion 2. Occupied Bandwidth / Emission Mask 3. Transmitter Conducted Unwanted Emissions



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	TH03-CB	Jay Lo	23.4~24.3 / 62~66	Jun. 29, 2024~ Jul. 01, 2024

1.4 Measurement Uncertainty

Test Items	Uncertainty	Remark
Conducted Emission	3.1 dB	Confidence levels of 95%



2 Test Configuration

2.1 Test Channel Mode

For Iron Radio 1

Antenna set 3

Mode
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_2TX



Mode
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_4TX
4950MHz
4965MHz
4980MHz

Antenna set 26

Mode
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX
4950MHz



Mode
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_2TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_4TX
4950MHz
4965MHz
4980MHz

**For Pine Radio 2****Antenna set 3**

Mode
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_2TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_4TX
4950MHz



Mode
4965MHz
4980MHz

Antenna set 26

Mode
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_2TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1,_4TX
4945MHz
4965MHz
4985MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX
4950MHz
4965MHz
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_2TX
4950MHz
4965MHz



Mode
4980MHz
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1,_4TX
4950MHz
4965MHz
4980MHz

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
Test Condition	Conducted measurement at transmit chains
1	Iron R1 : 4.9GHz_Antenna set 3
2	Iron R1 : 4.9GHz_Antenna set 26
3	Pine R2 : 4.9GHz_Antenna set 3
4	Pine R2 : 4.9GHz_Antenna set 26

The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Excursion Occupied Bandwidth / Emission Mask Transmitter Conducted Unwanted Emissions
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	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)
4	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (6GHz) + Scanning R3 (2.4GHz) + R4 (Bluetooth)



5	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (6GHz) + Scanning R3 (5GHz port 2 set 10) + R4 (Bluetooth)
6	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (6GHz) + Scanning R3 (5GHz port 1 set 10) + R4 (Bluetooth)
Refer to Sporton Test Report No.: FA281101-18 for Co-location RF Exposure Evaluation.	

Note: The Adapter is for measurement only, and would not be marketed. Its information is listed below:

Power	Brand	Model
Adapter	LITEON	PA-1600-1C

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

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



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

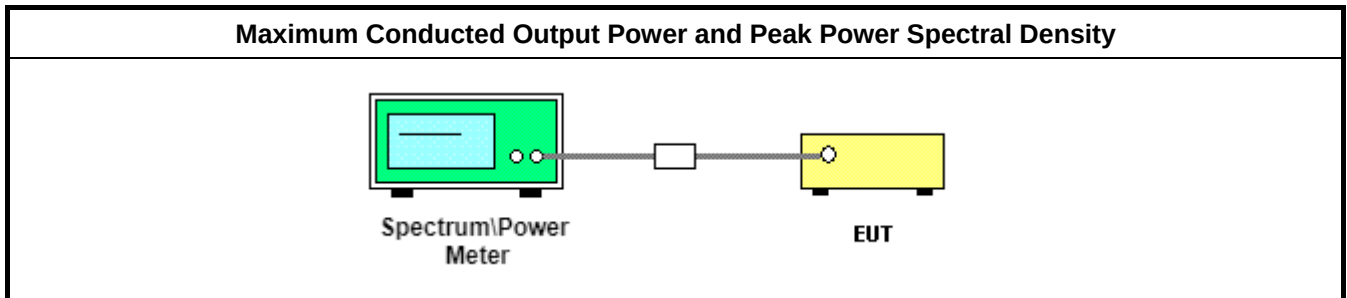
3.1.3 Test Procedures for Maximum Conducted Output Power

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



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

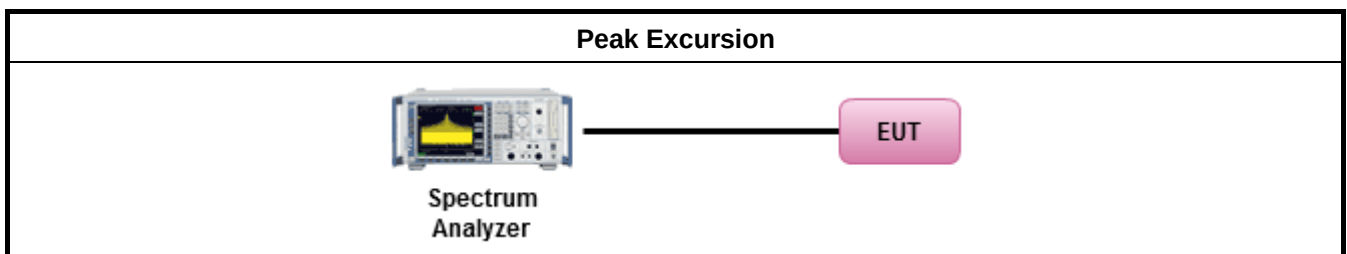
3.2.2 Measuring Instruments

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



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: $568 \log (\% \text{ of (BW)/45})$ dB.
- (3) On any frequency removed from the assigned frequency between 50–55% of the authorized bandwidth: $26 + 145 \log (\% \text{ of (BW)/50})$ dB.
- (4) On any frequency removed from the assigned frequency between 55–100% of the authorized bandwidth: $32 + 31 \log (\% \text{ of (BW)/55})$ dB attenuation.
- (5) On any frequency removed from the assigned frequency between 100–150% of the authorized bandwidth: $40 + 57 \log (\% \text{ of (BW)/100})$ 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

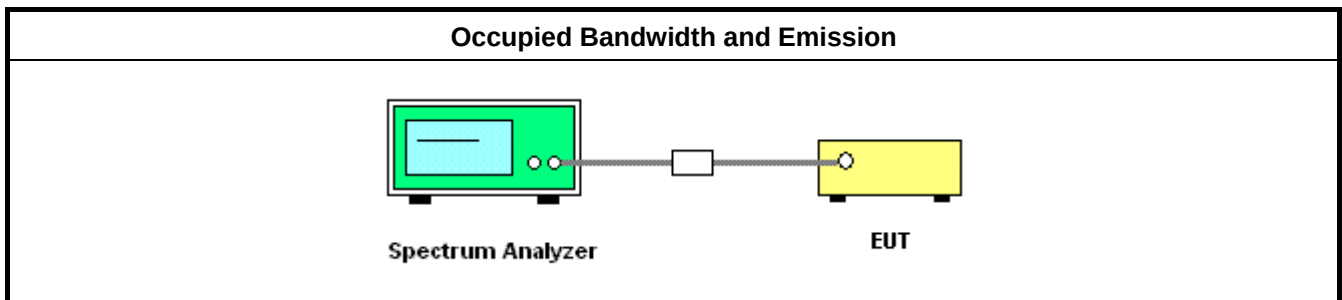
Please refer to section 4 in this report. The following table is the setting of the spectrum.

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



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)

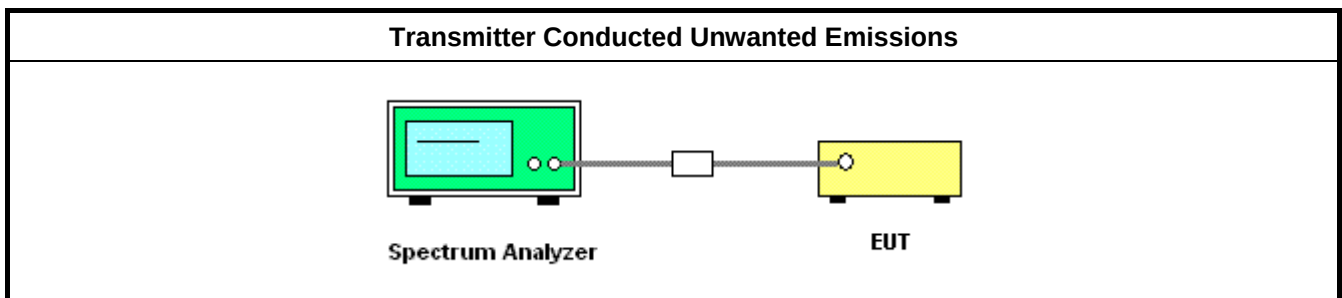
3.4.2 Measuring Instruments and Setting

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



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



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Cable	Woken	RG402	low Cable-30	9 kHz ~1 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1GHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1GHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
11j,VHT10_10MHz_Nss1_1TX	16.46	0.044
11j,VHT10_10MHz_Nss1_2TX	18.37	0.069
11j,VHT10_10MHz_Nss1_4TX	20.33	0.108
11j,VHT10,BF_10MHz_Nss1_2TX	18.37	0.069
11j,VHT10,BF_10MHz_Nss1_4TX	20.33	0.108
11j,VHT20_20MHz_Nss1_1TX	16.69	0.047
11j,VHT20_20MHz_Nss1_2TX	18.69	0.074
11j,VHT20_20MHz_Nss1_4TX	21.60	0.145
11j,VHT20,BF_20MHz_Nss1_2TX	18.69	0.074
11j,VHT20,BF_20MHz_Nss1_4TX	21.60	0.145

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	16.46	-	-	-	16.46	0.044	30.00
4965MHz	Pass	3.00	16.37	-	-	-	16.37	0.043	30.00
4985MHz	Pass	3.00	16.39	-	-	-	16.39	0.044	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	13.91	16.44	-	-	18.37	0.069	30.00
4965MHz	Pass	3.00	13.79	16.41	-	-	18.30	0.068	30.00
4985MHz	Pass	3.00	13.59	16.54	-	-	18.32	0.068	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	12.07	14.60	15.40	14.51	20.33	0.108	30.00
4965MHz	Pass	3.00	11.84	14.47	15.44	14.55	20.28	0.107	30.00
4985MHz	Pass	3.00	11.97	14.75	15.13	14.38	20.24	0.106	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	13.91	16.44	-	-	18.37	0.069	30.00
4965MHz	Pass	6.01	13.79	16.41	-	-	18.30	0.068	30.00
4985MHz	Pass	6.01	13.59	16.54	-	-	18.32	0.068	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	12.07	14.60	15.40	14.51	20.33	0.108	30.00
4965MHz	Pass	9.02	11.84	14.47	15.44	14.55	20.28	0.107	30.00
4985MHz	Pass	9.02	11.97	14.75	15.13	14.38	20.24	0.106	30.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	16.67	-	-	-	16.67	0.046	33.00
4965MHz	Pass	3.00	16.69	-	-	-	16.69	0.047	33.00
4980MHz	Pass	3.00	16.50	-	-	-	16.50	0.045	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	14.17	16.76	-	-	18.67	0.074	33.00
4965MHz	Pass	3.00	14.02	16.80	-	-	18.64	0.073	33.00
4980MHz	Pass	3.00	13.96	16.91	-	-	18.69	0.074	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	13.40	16.13	16.53	15.63	21.60	0.144	33.00
4965MHz	Pass	3.00	13.17	15.84	16.67	15.75	21.56	0.143	33.00
4980MHz	Pass	3.00	13.22	16.17	16.58	15.52	21.57	0.144	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	14.17	16.76	-	-	18.67	0.074	33.00
4965MHz	Pass	6.01	14.02	16.80	-	-	18.64	0.073	33.00
4980MHz	Pass	6.01	13.96	16.91	-	-	18.69	0.074	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	13.40	16.13	16.53	15.63	21.60	0.144	33.00
4965MHz	Pass	9.02	13.17	15.84	16.67	15.75	21.56	0.143	33.00
4980MHz	Pass	9.02	13.22	16.17	16.58	15.52	21.57	0.144	33.00

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
11j,VHT10_10MHz_Nss1_1TX	16.46	0.044
11j,VHT10_10MHz_Nss1_2TX	18.37	0.069
11j,VHT10_10MHz_Nss1_4TX	20.33	0.108
11j,VHT10,BF_10MHz_Nss1_2TX	18.37	0.069
11j,VHT10,BF_10MHz_Nss1_4TX	20.33	0.108
11j,VHT20_20MHz_Nss1_1TX	16.69	0.047
11j,VHT20_20MHz_Nss1_2TX	18.69	0.074
11j,VHT20_20MHz_Nss1_4TX	21.60	0.145
11j,VHT20,BF_20MHz_Nss1_2TX	18.69	0.074
11j,VHT20,BF_20MHz_Nss1_4TX	21.60	0.145

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	16.46	-	-	-	16.46	0.044	30.00
4965MHz	Pass	14.03	16.37	-	-	-	16.37	0.043	30.00
4985MHz	Pass	14.03	16.39	-	-	-	16.39	0.044	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	13.91	16.44	-	-	18.37	0.069	30.00
4965MHz	Pass	14.03	13.79	16.41	-	-	18.30	0.068	30.00
4985MHz	Pass	14.03	13.59	16.54	-	-	18.32	0.068	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	12.07	14.60	15.40	14.51	20.33	0.108	30.00
4965MHz	Pass	14.03	11.84	14.47	15.44	14.55	20.28	0.107	30.00
4985MHz	Pass	14.03	11.97	14.75	15.13	14.38	20.24	0.106	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	17.04	13.91	16.44	-	-	18.37	0.069	30.00
4965MHz	Pass	17.04	13.79	16.41	-	-	18.30	0.068	30.00
4985MHz	Pass	17.04	13.59	16.54	-	-	18.32	0.068	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	20.05	12.07	14.60	15.40	14.51	20.33	0.108	30.00
4965MHz	Pass	20.05	11.84	14.47	15.44	14.55	20.28	0.107	30.00
4985MHz	Pass	20.05	11.97	14.75	15.13	14.38	20.24	0.106	30.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	16.67	-	-	-	16.67	0.046	33.00
4965MHz	Pass	14.03	16.69	-	-	-	16.69	0.047	33.00
4980MHz	Pass	14.03	16.50	-	-	-	16.50	0.045	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	14.17	16.76	-	-	18.67	0.074	33.00
4965MHz	Pass	14.03	14.02	16.80	-	-	18.64	0.073	33.00
4980MHz	Pass	14.03	13.96	16.91	-	-	18.69	0.074	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	13.40	16.13	16.53	15.63	21.60	0.144	33.00
4965MHz	Pass	14.03	13.17	15.84	16.67	15.75	21.56	0.143	33.00
4980MHz	Pass	14.03	13.22	16.17	16.58	15.52	21.57	0.144	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	17.04	14.17	16.76	-	-	18.67	0.074	33.00
4965MHz	Pass	17.04	14.02	16.80	-	-	18.64	0.073	33.00
4980MHz	Pass	17.04	13.96	16.91	-	-	18.69	0.074	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	20.05	13.40	16.13	16.53	15.63	21.60	0.144	33.00
4965MHz	Pass	20.05	13.17	15.84	16.67	15.75	21.56	0.143	33.00
4980MHz	Pass	20.05	13.22	16.17	16.58	15.52	21.57	0.144	33.00

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
11j,VHT10_10MHz_Nss1_1TX	12.29	0.017
11j,VHT10_10MHz_Nss1_2TX	14.26	0.027
11j,VHT10_10MHz_Nss1_4TX	17.48	0.056
11j,VHT10,BF_10MHz_Nss1_2TX	14.26	0.027
11j,VHT10,BF_10MHz_Nss1_4TX	17.48	0.056
11j,VHT20_20MHz_Nss1_1TX	12.95	0.020
11j,VHT20_20MHz_Nss1_2TX	15.62	0.036
11j,VHT20_20MHz_Nss1_4TX	18.51	0.071
11j,VHT20,BF_20MHz_Nss1_2TX	15.62	0.036
11j,VHT20,BF_20MHz_Nss1_4TX	18.51	0.071

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	12.29	-	-	-	12.29	0.017	30.00
4965MHz	Pass	3.00	12.28	-	-	-	12.28	0.017	30.00
4985MHz	Pass	3.00	12.14	-	-	-	12.14	0.016	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	8.15	12.01	-	-	13.51	0.022	30.00
4965MHz	Pass	3.00	8.15	12.06	-	-	13.54	0.023	30.00
4985MHz	Pass	3.00	8.95	12.74	-	-	14.26	0.027	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	8.13	11.65	12.06	11.98	17.24	0.053	30.00
4965MHz	Pass	3.00	8.32	12.34	12.14	11.78	17.43	0.055	30.00
4985MHz	Pass	3.00	8.42	12.25	12.13	12.03	17.48	0.056	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	8.15	12.01	-	-	13.51	0.022	30.00
4965MHz	Pass	6.01	8.15	12.06	-	-	13.54	0.023	30.00
4985MHz	Pass	6.01	8.95	12.74	-	-	14.26	0.027	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	8.13	11.65	12.06	11.98	17.24	0.053	30.00
4965MHz	Pass	9.02	8.32	12.34	12.14	11.78	17.43	0.055	30.00
4985MHz	Pass	9.02	8.42	12.25	12.13	12.03	17.48	0.056	30.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	12.41	-	-	-	12.41	0.017	33.00
4965MHz	Pass	3.00	12.79	-	-	-	12.79	0.019	33.00
4980MHz	Pass	3.00	12.95	-	-	-	12.95	0.020	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	9.39	13.33	-	-	14.80	0.030	33.00
4965MHz	Pass	3.00	9.32	13.61	-	-	14.98	0.032	33.00
4980MHz	Pass	3.00	10.01	14.22	-	-	15.62	0.036	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	9.19	13.13	13.12	13.05	18.42	0.070	33.00
4965MHz	Pass	3.00	9.20	13.29	13.02	13.00	18.43	0.070	33.00
4980MHz	Pass	3.00	9.37	13.32	13.08	13.13	18.51	0.071	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	9.39	13.33	-	-	14.80	0.030	33.00
4965MHz	Pass	6.01	9.32	13.61	-	-	14.98	0.032	33.00
4980MHz	Pass	6.01	10.01	14.22	-	-	15.62	0.036	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	9.19	13.13	13.12	13.05	18.42	0.070	33.00
4965MHz	Pass	9.02	9.20	13.29	13.02	13.00	18.43	0.070	33.00
4980MHz	Pass	9.02	9.37	13.32	13.08	13.13	18.51	0.071	33.00

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

Summary

Mode	Power (dBm)	Power (W)
4.94-4.99GHz	-	-
11j,VHT10_10MHz_Nss1_1TX	12.29	0.017
11j,VHT10_10MHz_Nss1_2TX	14.26	0.027
11j,VHT10_10MHz_Nss1_4TX	17.48	0.056
11j,VHT10,BF_10MHz_Nss1_2TX	14.26	0.027
11j,VHT10,BF_10MHz_Nss1_4TX	17.48	0.056
11j,VHT20_20MHz_Nss1_1TX	12.95	0.020
11j,VHT20_20MHz_Nss1_2TX	15.62	0.036
11j,VHT20_20MHz_Nss1_4TX	18.51	0.071
11j,VHT20,BF_20MHz_Nss1_2TX	15.62	0.036
11j,VHT20,BF_20MHz_Nss1_4TX	18.51	0.071

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	12.29	-	-	-	12.29	0.017	30.00
4965MHz	Pass	14.03	12.28	-	-	-	12.28	0.017	30.00
4985MHz	Pass	14.03	12.14	-	-	-	12.14	0.016	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	8.15	12.01	-	-	13.51	0.022	30.00
4965MHz	Pass	14.03	8.15	12.06	-	-	13.54	0.023	30.00
4985MHz	Pass	14.03	8.95	12.74	-	-	14.26	0.027	30.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	8.13	11.65	12.06	11.98	17.24	0.053	30.00
4965MHz	Pass	14.03	8.32	12.34	12.14	11.78	17.43	0.055	30.00
4985MHz	Pass	14.03	8.42	12.25	12.13	12.03	17.48	0.056	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	17.04	8.15	12.01	-	-	13.51	0.022	30.00
4965MHz	Pass	17.04	8.15	12.06	-	-	13.54	0.023	30.00
4985MHz	Pass	17.04	8.95	12.74	-	-	14.26	0.027	30.00
4.94-4.99GHz_11j,VHT10,BF_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4945MHz	Pass	20.05	8.13	11.65	12.06	11.98	17.24	0.053	30.00
4965MHz	Pass	20.05	8.32	12.34	12.14	11.78	17.43	0.055	30.00
4985MHz	Pass	20.05	8.42	12.25	12.13	12.03	17.48	0.056	30.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	12.41	-	-	-	12.41	0.017	33.00
4965MHz	Pass	14.03	12.79	-	-	-	12.79	0.019	33.00
4980MHz	Pass	14.03	12.95	-	-	-	12.95	0.020	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	9.39	13.33	-	-	14.80	0.030	33.00
4965MHz	Pass	14.03	9.32	13.61	-	-	14.98	0.032	33.00
4980MHz	Pass	14.03	10.01	14.22	-	-	15.62	0.036	33.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	9.19	13.13	13.12	13.05	18.42	0.070	33.00
4965MHz	Pass	14.03	9.20	13.29	13.02	13.00	18.43	0.070	33.00
4980MHz	Pass	14.03	9.37	13.32	13.08	13.13	18.51	0.071	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	17.04	9.39	13.33	-	-	14.80	0.030	33.00
4965MHz	Pass	17.04	9.32	13.61	-	-	14.98	0.032	33.00
4980MHz	Pass	17.04	10.01	14.22	-	-	15.62	0.036	33.00
4.94-4.99GHz_11j,VHT20,BF_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-
4950MHz	Pass	20.05	9.19	13.13	13.12	13.05	18.42	0.070	33.00
4965MHz	Pass	20.05	9.20	13.29	13.02	13.00	18.43	0.070	33.00
4980MHz	Pass	20.05	9.37	13.32	13.08	13.13	18.51	0.071	33.00

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

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
11j,VHT10_10MHz_Nss1_1TX	17.35
11j,VHT10_10MHz_Nss1_2TX	19.21
11j,VHT10_10MHz_Nss1_4TX	20.75
11j,VHT20_20MHz_Nss1_1TX	13.70
11j,VHT20_20MHz_Nss1_2TX	15.50
11j,VHT20_20MHz_Nss1_4TX	18.06

Result

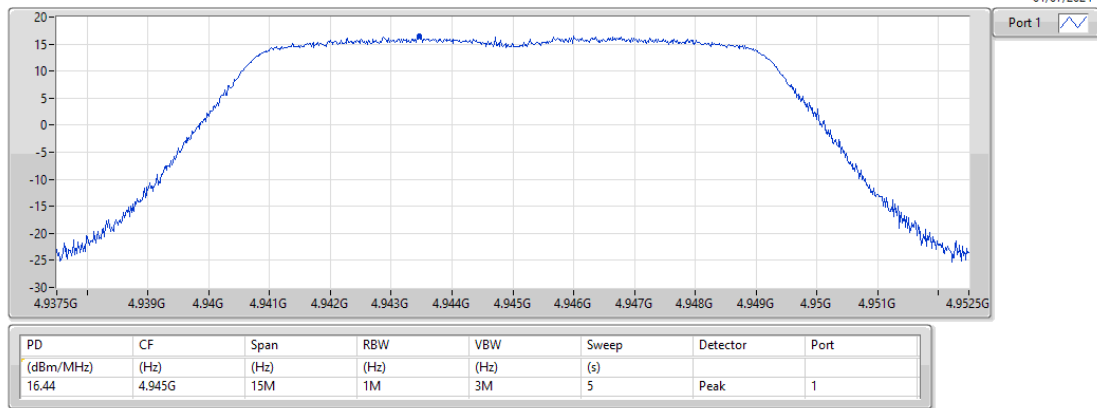
Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	16.44	-	-	-	16.44	21.00
4965MHz	Pass	3.00	17.35	-	-	-	17.35	21.00
4985MHz	Pass	3.00	16.75	-	-	-	16.75	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	14.22	18.01	-	-	19.21	21.00
4965MHz	Pass	6.01	13.79	17.90	-	-	19.03	21.00
4985MHz	Pass	6.01	14.44	17.80	-	-	19.05	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	12.29	15.72	15.73	16.39	20.57	21.00
4965MHz	Pass	9.02	12.24	15.85	17.28	15.78	20.75	21.00
4985MHz	Pass	9.02	12.71	16.09	16.51	16.23	20.65	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	13.70	-	-	-	13.70	21.00
4965MHz	Pass	3.00	13.34	-	-	-	13.34	21.00
4980MHz	Pass	3.00	13.29	-	-	-	13.29	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	10.95	13.90	-	-	15.28	21.00
4965MHz	Pass	6.01	10.87	13.86	-	-	14.97	21.00
4980MHz	Pass	6.01	10.76	13.99	-	-	15.50	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	10.28	12.64	13.14	13.07	17.52	21.00
4965MHz	Pass	9.02	9.71	12.68	13.68	13.24	17.89	21.00
4980MHz	Pass	9.02	9.73	13.25	13.55	13.26	18.06	21.00

DG = Directional Gain;

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

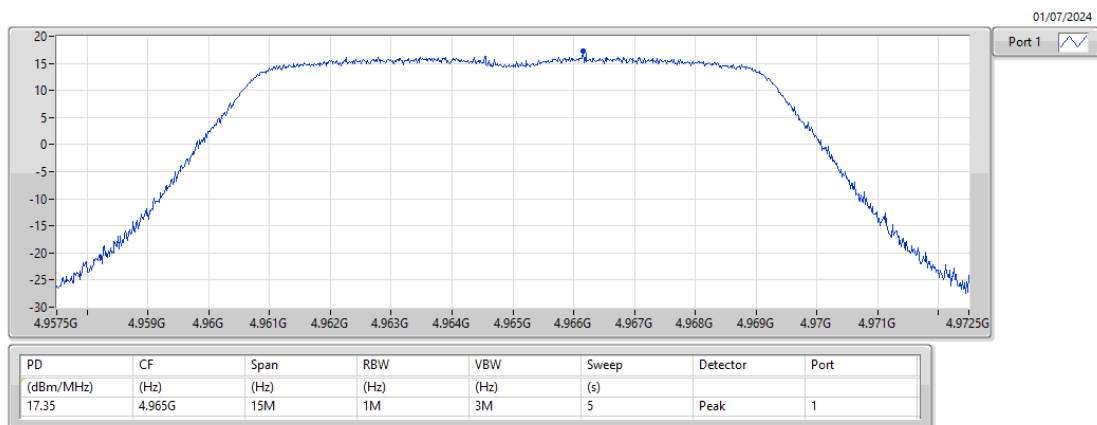
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

PSD



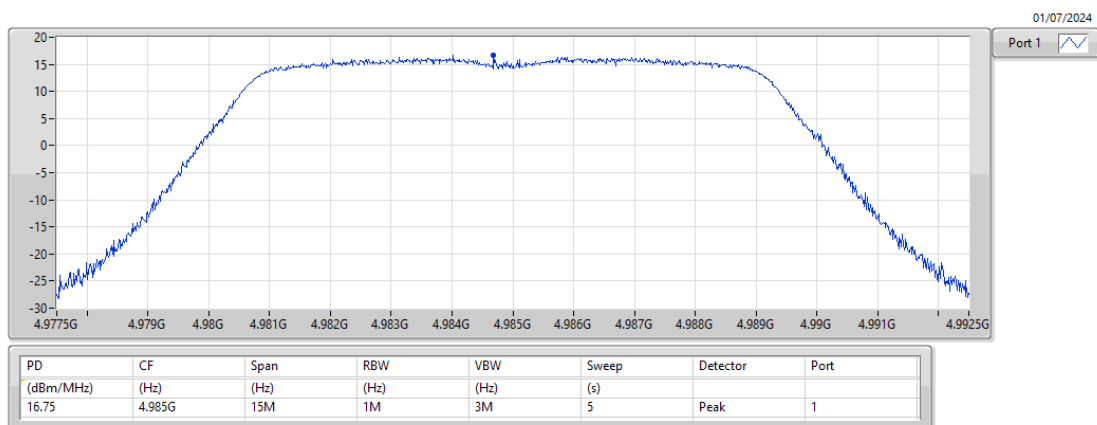
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4965MHz

PSD



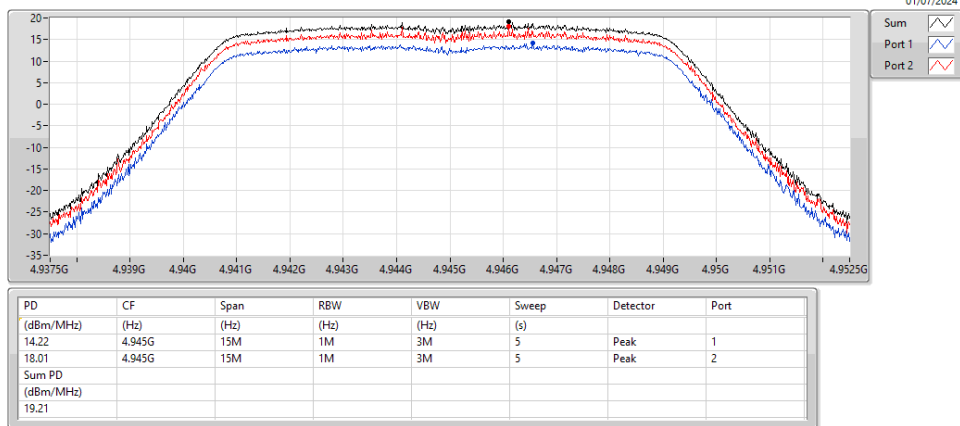
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4985MHz

PSD



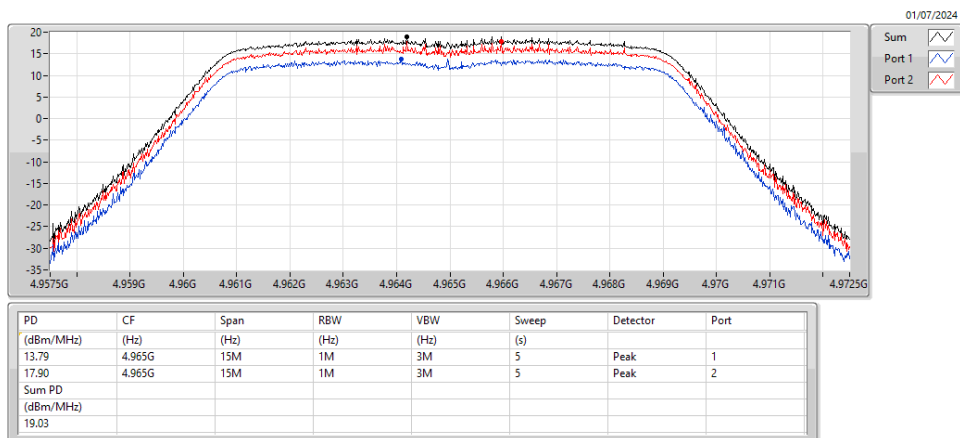
4.94-4.99GHz_11j.VHT10_10MHz_Nss1_2TX
4945MHz

PSD



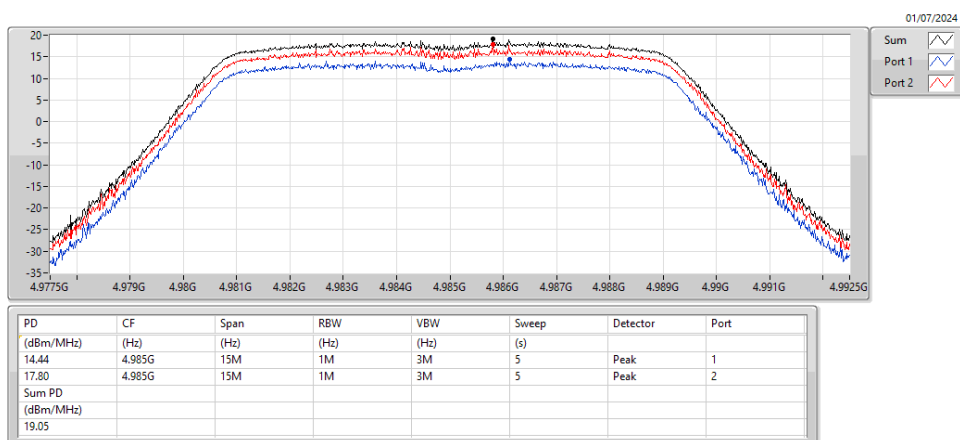
4.94-4.99GHz_11j.VHT10_10MHz_Nss1_2TX
4965MHz

PSD



4.94-4.99GHz_11j.VHT10_10MHz_Nss1_2TX
4985MHz

PSD



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

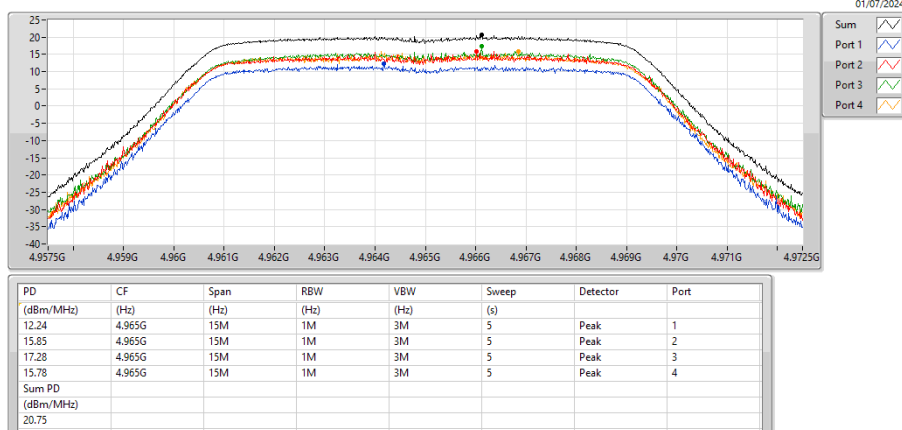
4945MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

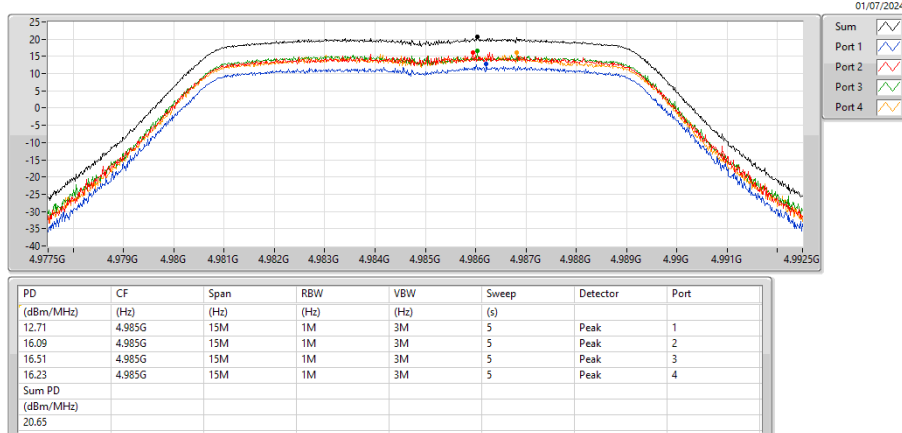
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

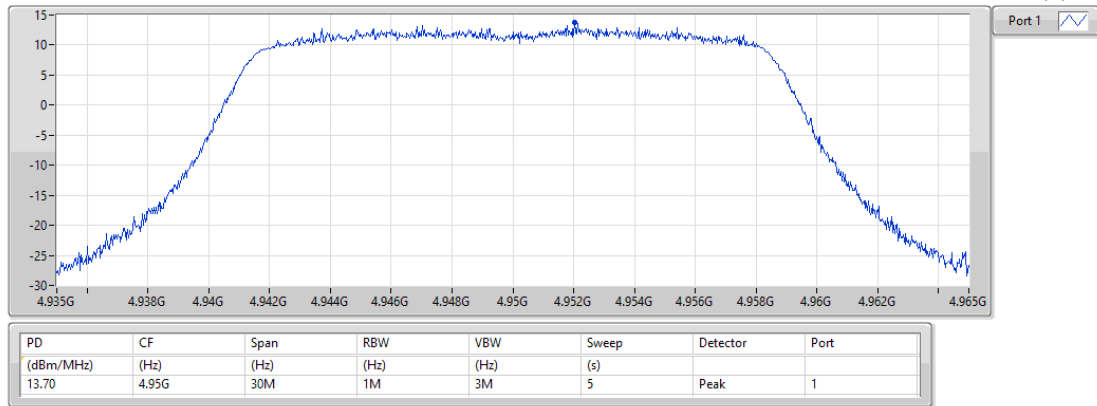
PSD

4985MHz



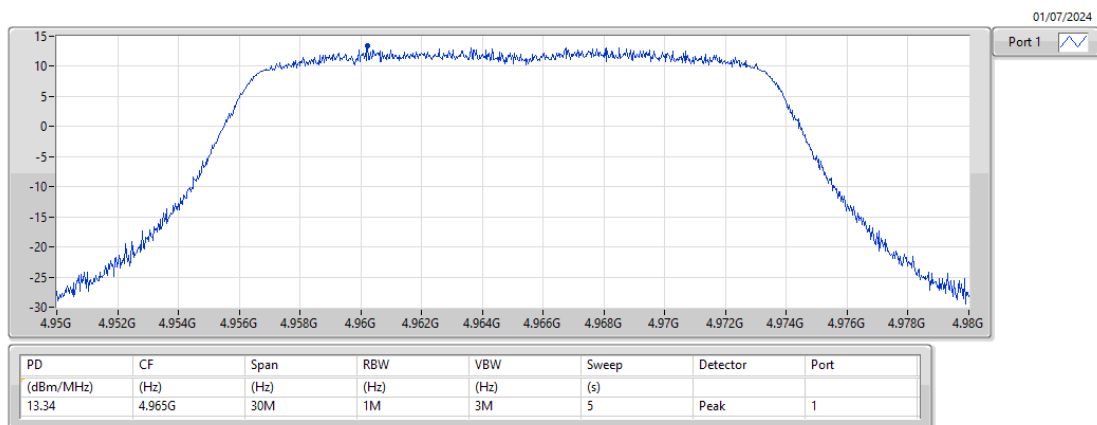
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

PSD



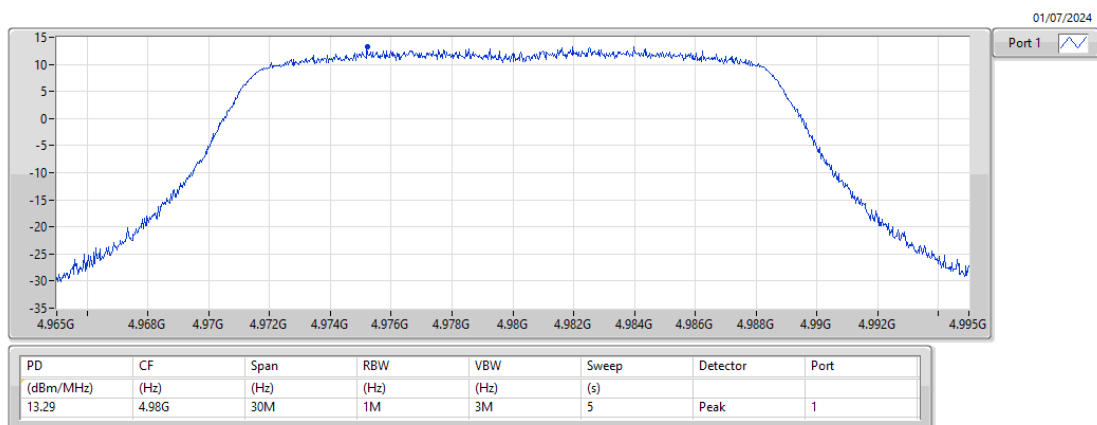
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

PSD



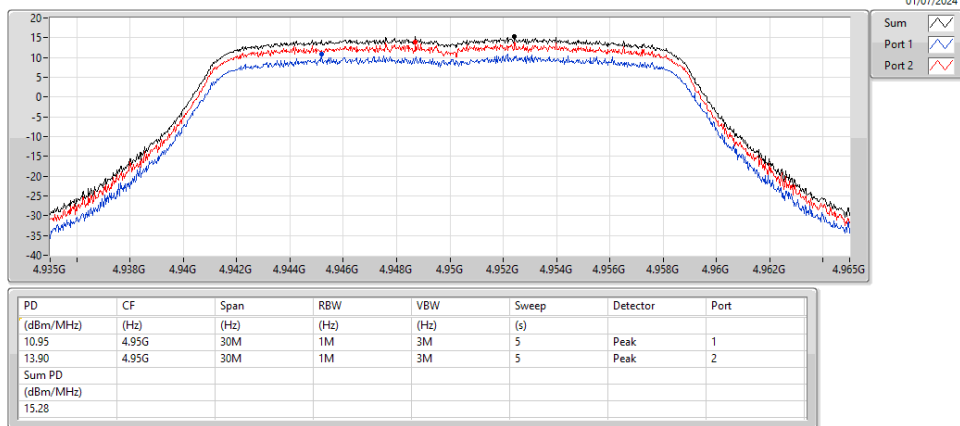
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

PSD



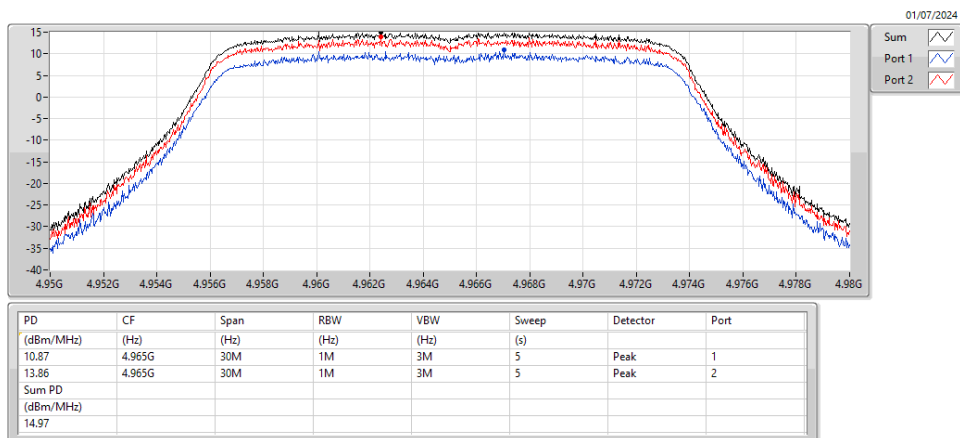
4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4950MHz

PSD



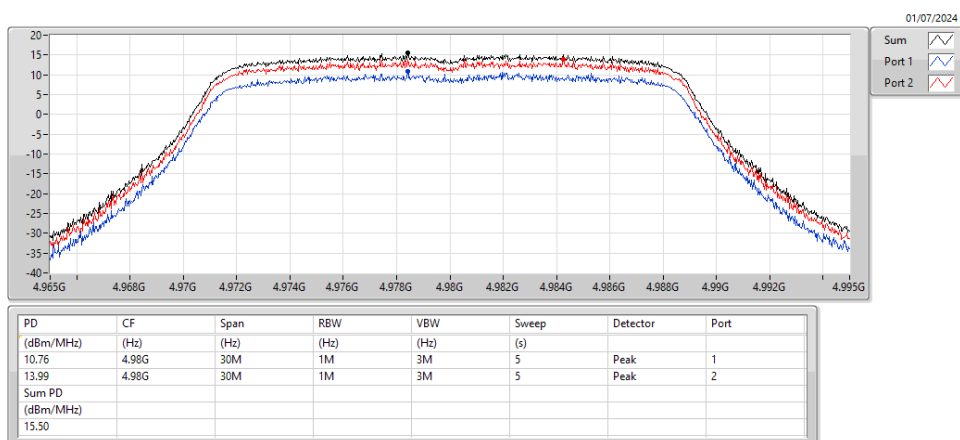
4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4965MHz

PSD



4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4980MHz

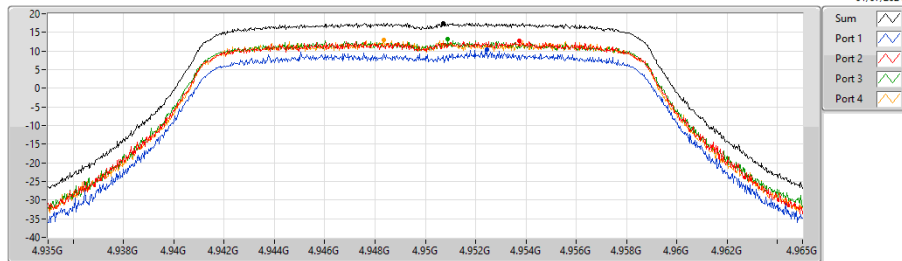
PSD



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4950MHz

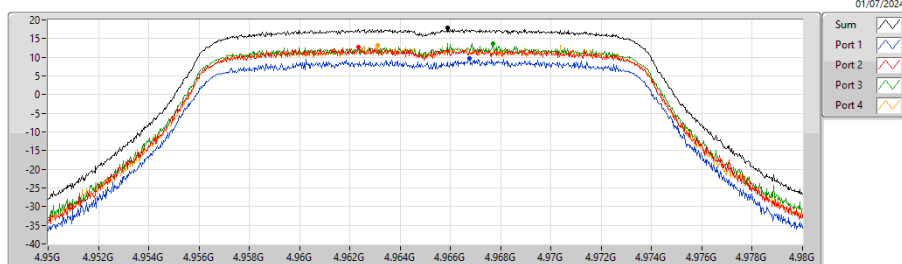


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.28	4.95G	30M	1M	3M	5	Peak	1
12.64	4.95G	30M	1M	3M	5	Peak	2
13.14	4.95G	30M	1M	3M	5	Peak	3
13.07	4.95G	30M	1M	3M	5	Peak	4
Sum PD							
(dBm/MHz)							
17.52							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4965MHz

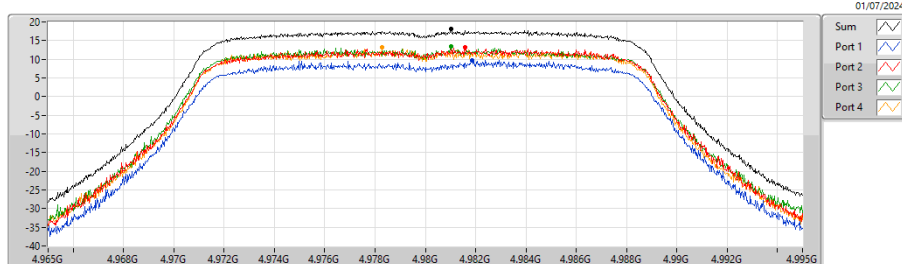


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.71	4.965G	30M	1M	3M	5	Peak	1
12.68	4.965G	30M	1M	3M	5	Peak	2
13.68	4.965G	30M	1M	3M	5	Peak	3
13.24	4.965G	30M	1M	3M	5	Peak	4
Sum PD							
(dBm/MHz)							
17.89							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.73	4.98G	30M	1M	3M	5	Peak	1
13.25	4.98G	30M	1M	3M	5	Peak	2
13.55	4.98G	30M	1M	3M	5	Peak	3
13.26	4.98G	30M	1M	3M	5	Peak	4
Sum PD							
(dBm/MHz)							
18.06							

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
11j,VHT10_10MHz_Nss1_1TX	17.35
11j,VHT10_10MHz_Nss1_2TX	19.21
11j,VHT10_10MHz_Nss1_4TX	20.75
11j,VHT20_20MHz_Nss1_1TX	13.70
11j,VHT20_20MHz_Nss1_2TX	15.50
11j,VHT20_20MHz_Nss1_4TX	18.06

Result

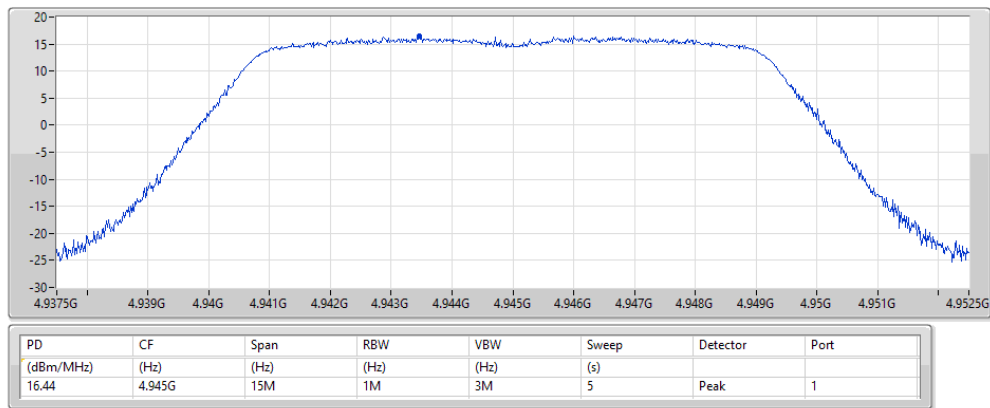
Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	16.44	-	-	-	16.44	21.00
4965MHz	Pass	14.03	17.35	-	-	-	17.35	21.00
4985MHz	Pass	14.03	16.75	-	-	-	16.75	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	17.04	14.22	18.01	-	-	19.21	21.00
4965MHz	Pass	17.04	13.79	17.90	-	-	19.03	21.00
4985MHz	Pass	17.04	14.44	17.80	-	-	19.05	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	20.05	12.29	15.72	15.73	16.39	20.57	21.00
4965MHz	Pass	20.05	12.24	15.85	17.28	15.78	20.75	21.00
4985MHz	Pass	20.05	12.71	16.09	16.51	16.23	20.65	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	13.70	-	-	-	13.70	21.00
4965MHz	Pass	14.03	13.34	-	-	-	13.34	21.00
4980MHz	Pass	14.03	13.29	-	-	-	13.29	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	17.04	10.95	13.90	-	-	15.28	21.00
4965MHz	Pass	17.04	10.87	13.86	-	-	14.97	21.00
4980MHz	Pass	17.04	10.76	13.99	-	-	15.50	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	20.05	10.28	12.64	13.14	13.07	17.52	21.00
4965MHz	Pass	20.05	9.71	12.68	13.68	13.24	17.89	21.00
4980MHz	Pass	20.05	9.73	13.25	13.55	13.26	18.06	21.00

DG = Directional Gain;

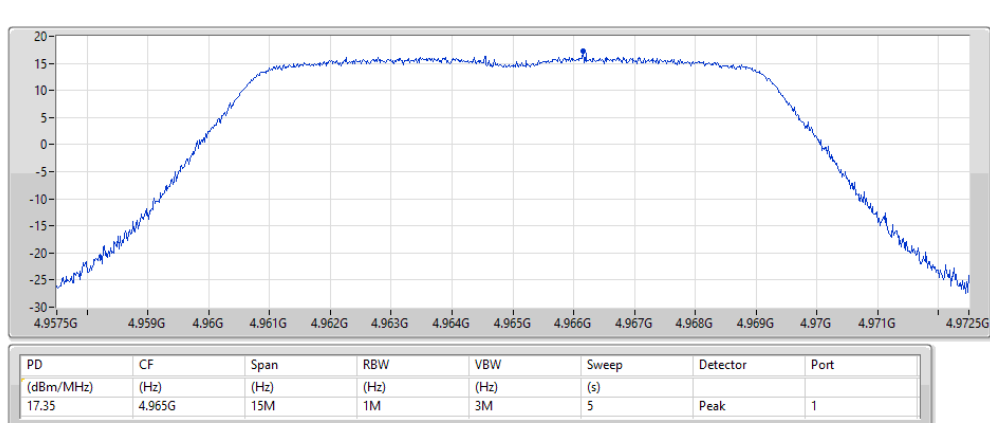
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

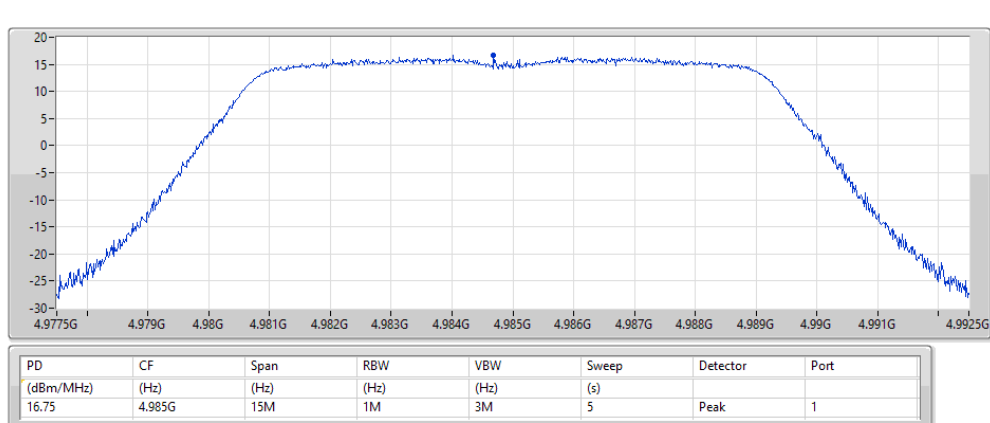
PSD

**4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX**
4965MHz

PSD

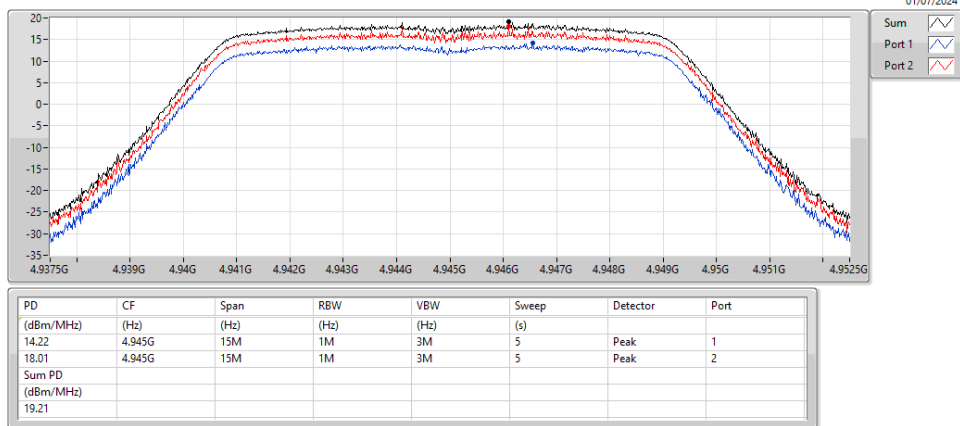
**4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX**
4985MHz

PSD



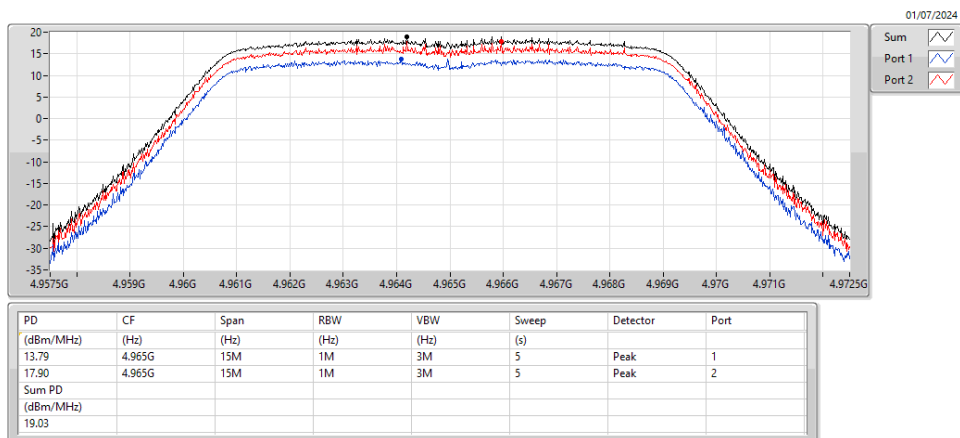
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4945MHz

PSD



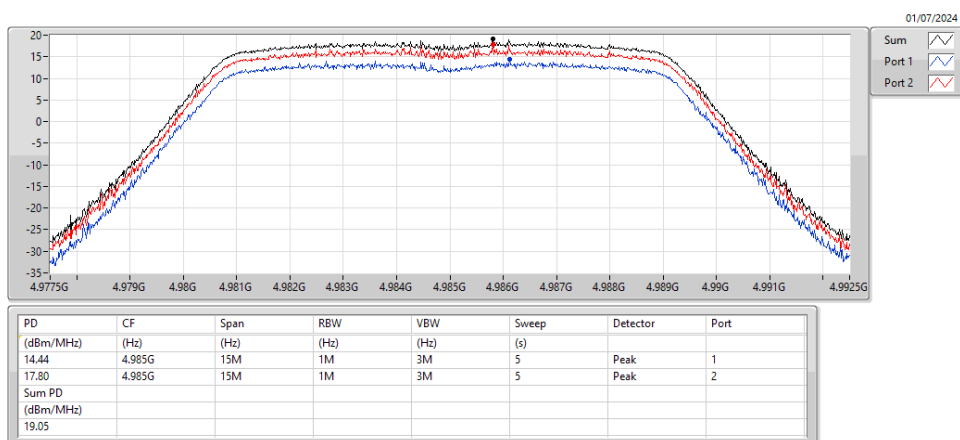
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4965MHz

PSD



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4985MHz

PSD



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

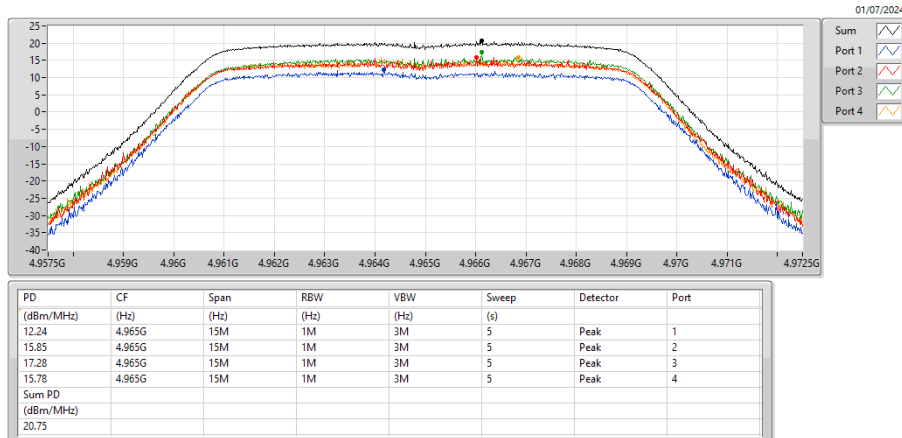
4945MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

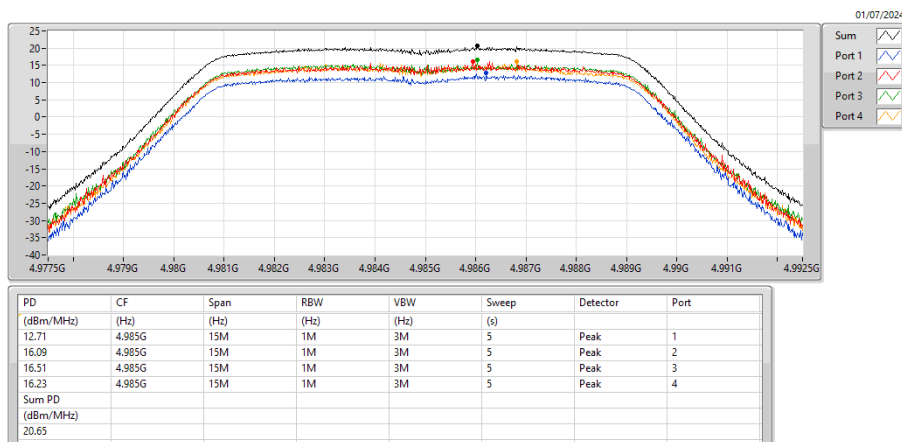
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

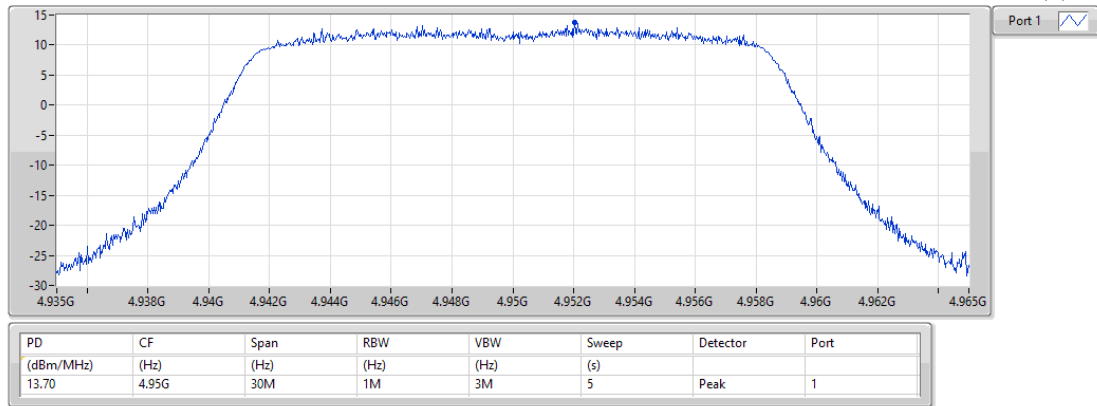
PSD

4985MHz



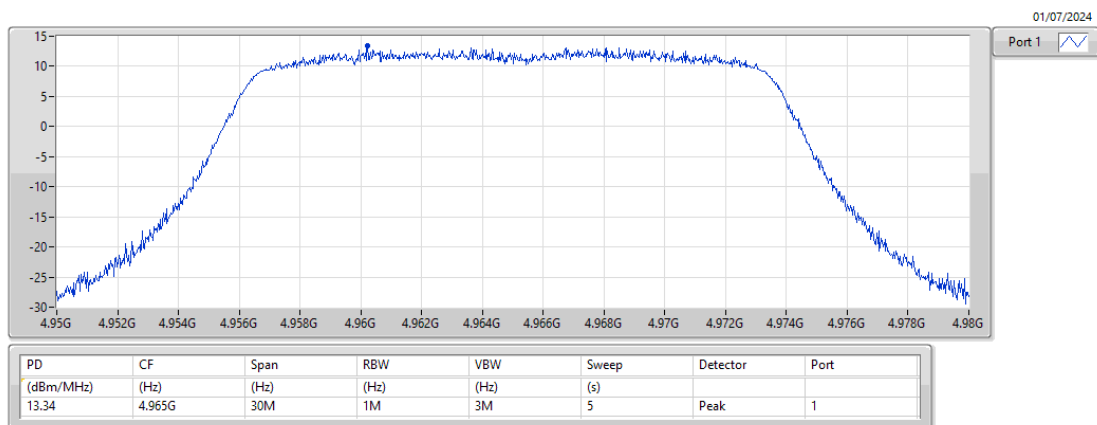
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

PSD



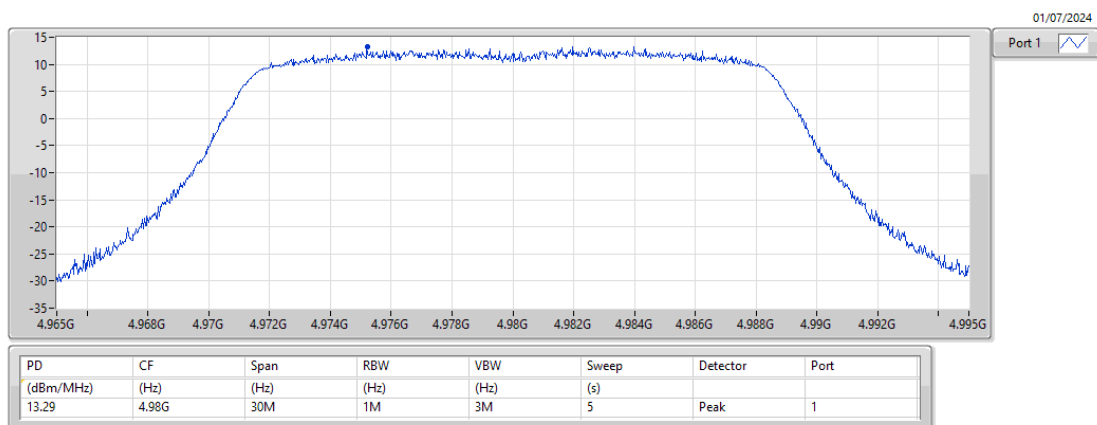
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

PSD



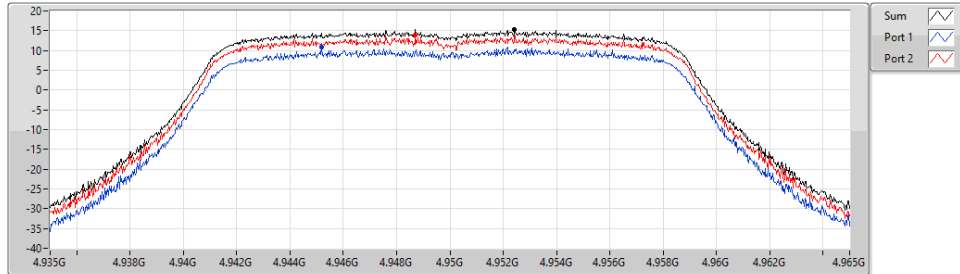
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

PSD



4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4950MHz

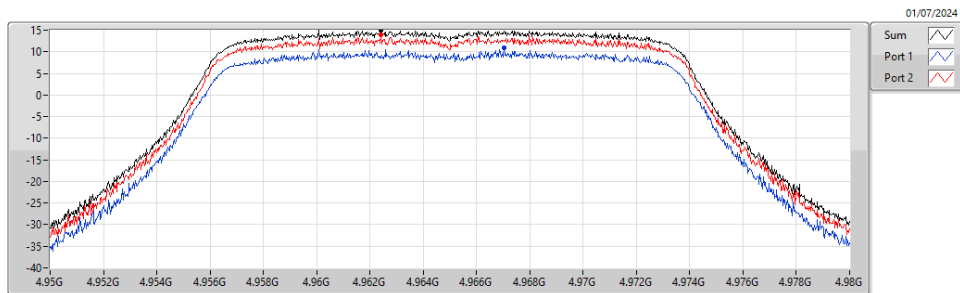
PSD



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.95	4.95G	30M	1M	3M	5	Peak	1
13.90	4.95G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
15.28							

4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4965MHz

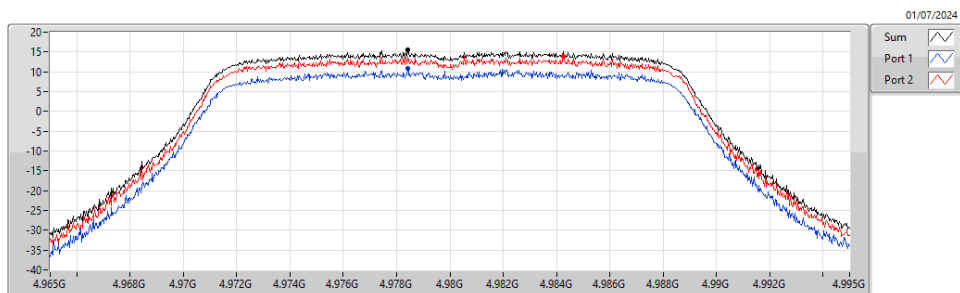
PSD



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.87	4.965G	30M	1M	3M	5	Peak	1
13.86	4.965G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
14.97							

4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4980MHz

PSD

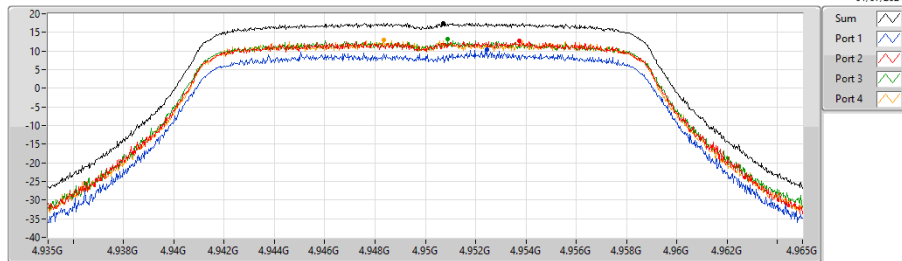


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.76	4.98G	30M	1M	3M	5	Peak	1
13.99	4.98G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
15.50							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4950MHz

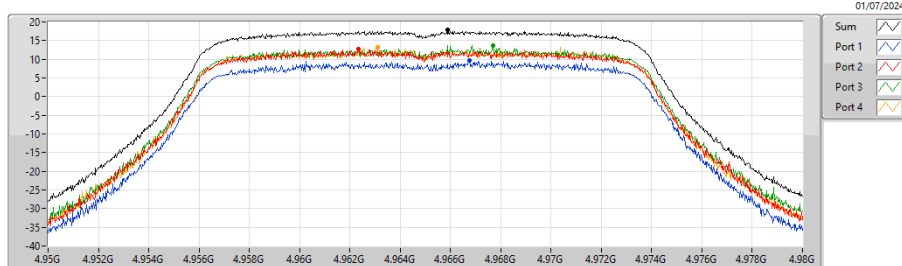


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
10.28	4.95G	30M	1M	3M	5	Peak	1
12.64	4.95G	30M	1M	3M	5	Peak	2
13.14	4.95G	30M	1M	3M	5	Peak	3
13.07	4.95G	30M	1M	3M	5	Peak	4
Sum PD							
(dBm/MHz)							
17.52							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4965MHz

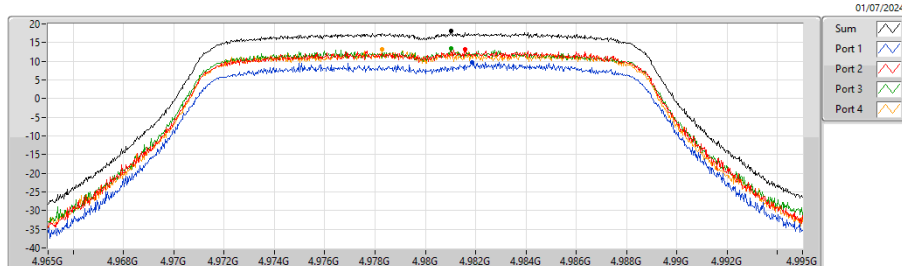


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.71	4.965G	30M	1M	3M	5	Peak	1
12.68	4.965G	30M	1M	3M	5	Peak	2
13.68	4.965G	30M	1M	3M	5	Peak	3
13.24	4.965G	30M	1M	3M	5	Peak	4
Sum PD							
(dBm/MHz)							
17.89							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4980MHz



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
9.73	4.98G	30M	1M	3M	5	Peak	1
13.25	4.98G	30M	1M	3M	5	Peak	2
13.55	4.98G	30M	1M	3M	5	Peak	3
13.26	4.98G	30M	1M	3M	5	Peak	4
Sum PD							
(dBm/MHz)							
18.06							

Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
11j,VHT10_10MHz_Nss1_1TX	11.36
11j,VHT10_10MHz_Nss1_2TX	13.84
11j,VHT10_10MHz_Nss1_4TX	16.83
11j,VHT20_20MHz_Nss1_1TX	8.75
11j,VHT20_20MHz_Nss1_2TX	11.28
11j,VHT20_20MHz_Nss1_4TX	14.33

Result

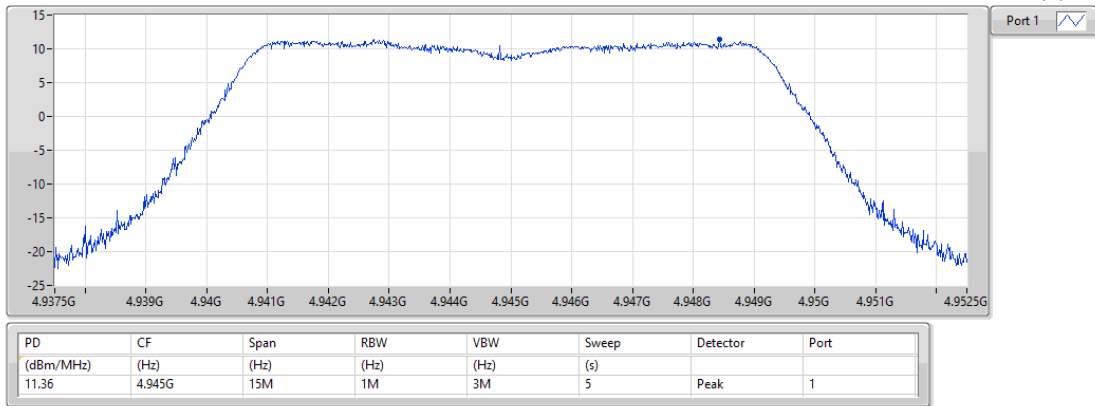
Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	3.00	11.36	-	-	-	11.36	21.00
4965MHz	Pass	3.00	11.36	-	-	-	11.36	21.00
4985MHz	Pass	3.00	11.28	-	-	-	11.28	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	6.01	7.31	11.48	-	-	12.69	21.00
4965MHz	Pass	6.01	7.31	11.86	-	-	13.15	21.00
4985MHz	Pass	6.01	8.11	12.75	-	-	13.84	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	9.02	7.29	11.58	11.09	12.65	16.58	21.00
4965MHz	Pass	9.02	7.38	11.81	10.89	12.70	16.69	21.00
4985MHz	Pass	9.02	7.54	11.78	11.28	12.68	16.83	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	3.00	8.03	-	-	-	8.03	21.00
4965MHz	Pass	3.00	8.43	-	-	-	8.43	21.00
4980MHz	Pass	3.00	8.75	-	-	-	8.75	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	6.01	5.19	9.61	-	-	10.58	21.00
4965MHz	Pass	6.01	5.21	9.82	-	-	10.67	21.00
4980MHz	Pass	6.01	5.78	10.15	-	-	11.28	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	9.02	4.79	9.42	8.68	9.83	14.18	21.00
4965MHz	Pass	9.02	5.33	9.36	8.46	9.93	14.27	21.00
4980MHz	Pass	9.02	5.21	9.39	8.17	10.16	14.33	21.00

DG = Directional Gain;

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

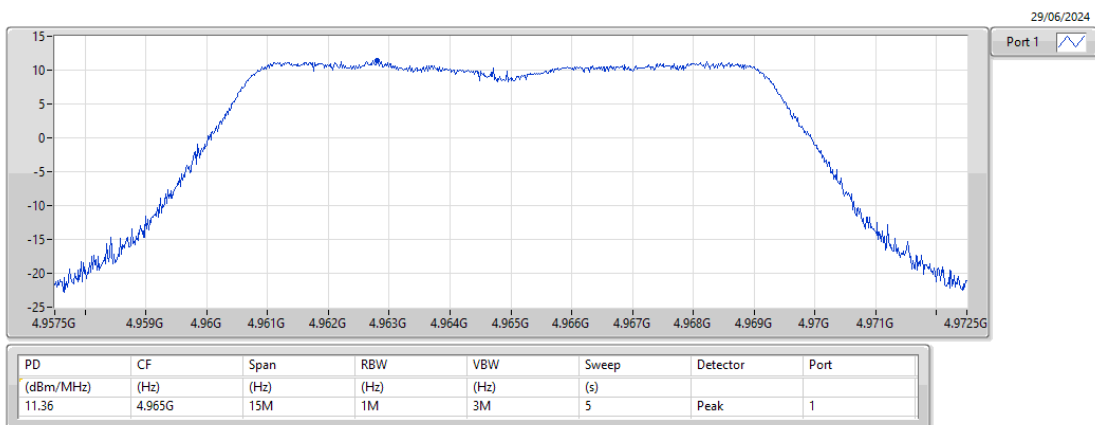
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

PSD



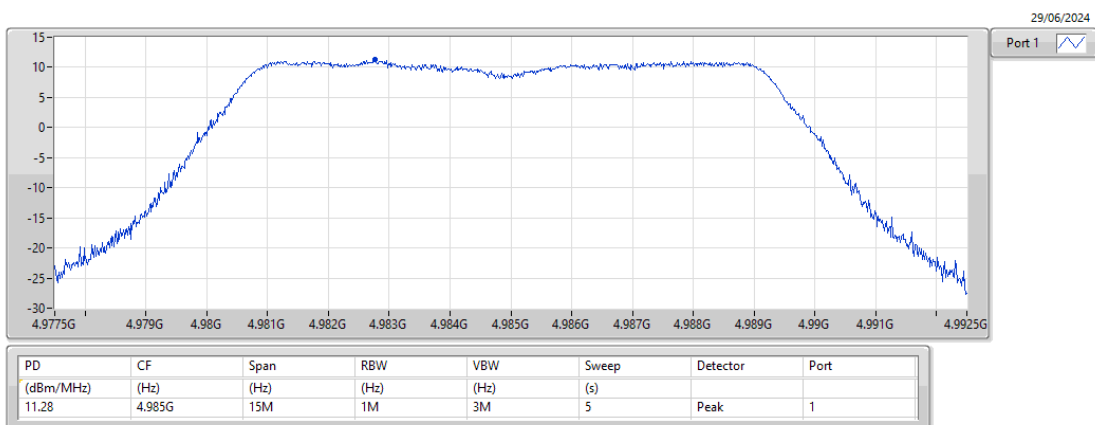
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4965MHz

PSD



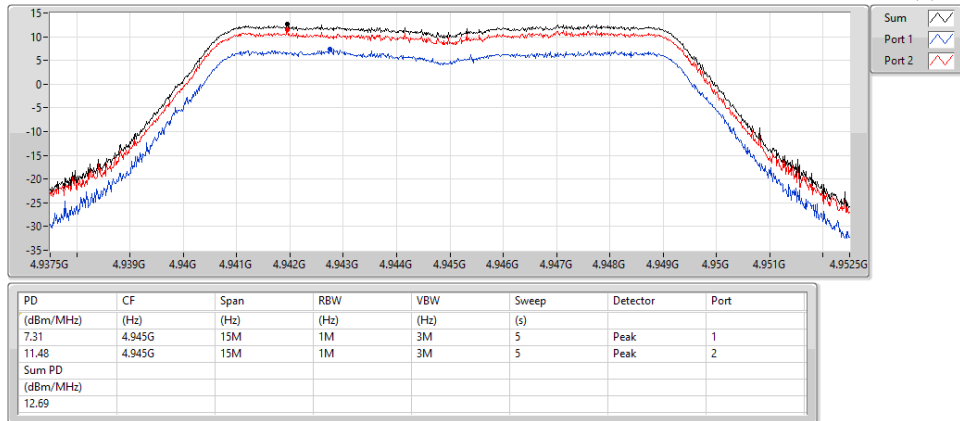
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4985MHz

PSD



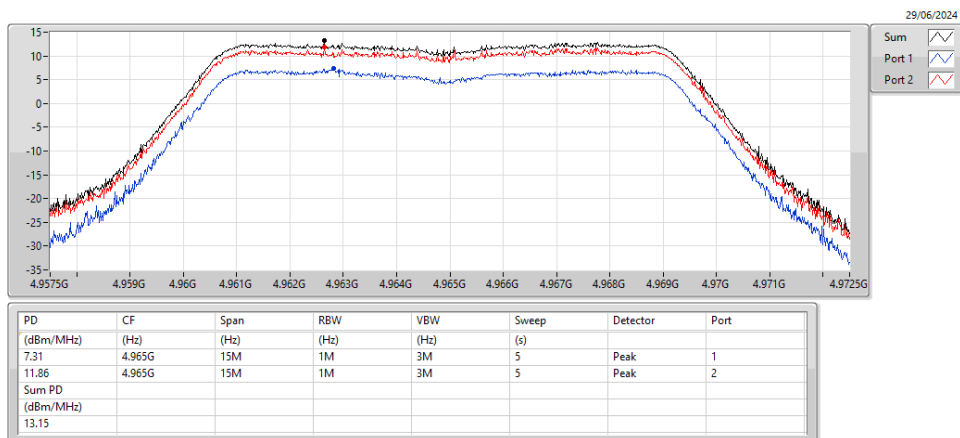
4.94-4.99GHz_11j.VHT10_10MHz_Nss1_2TX
4945MHz

PSD



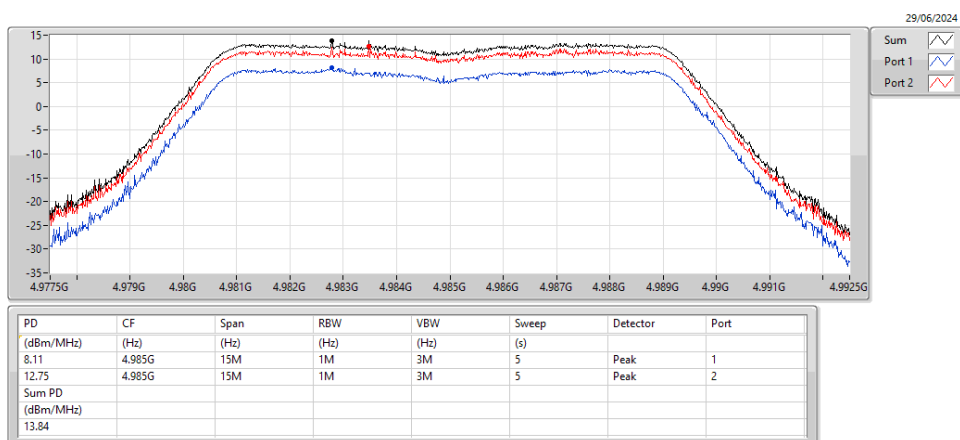
4.94-4.99GHz_11j.VHT10_10MHz_Nss1_2TX
4965MHz

PSD



4.94-4.99GHz_11j.VHT10_10MHz_Nss1_2TX
4985MHz

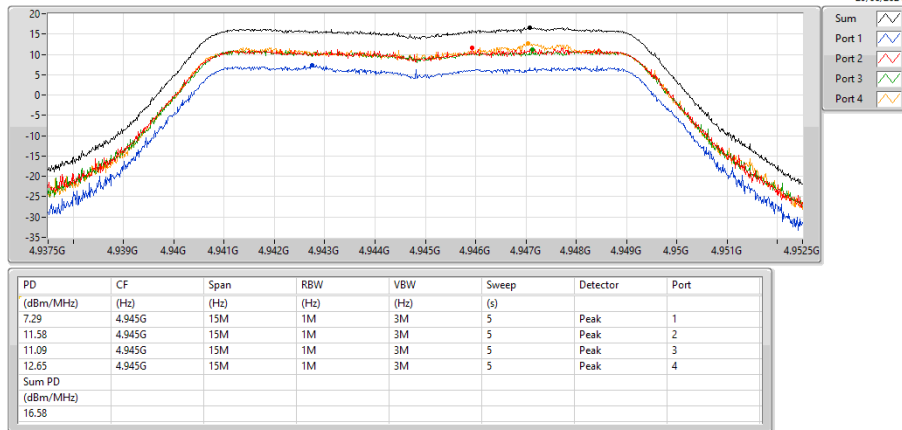
PSD



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

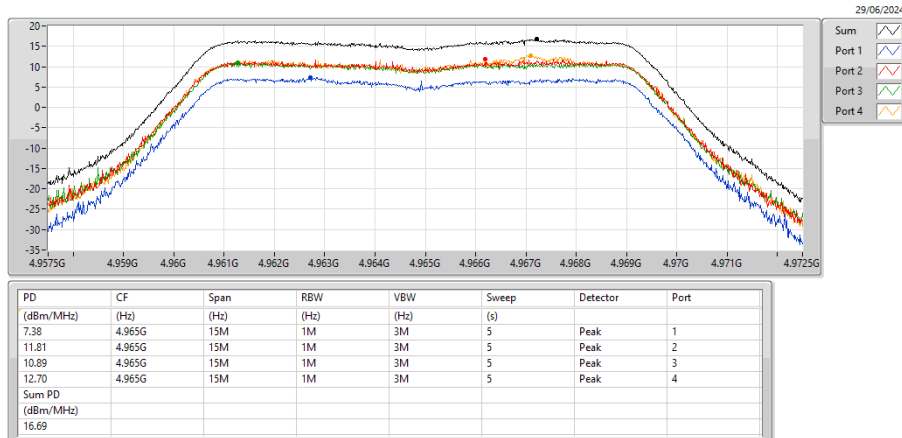
4945MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

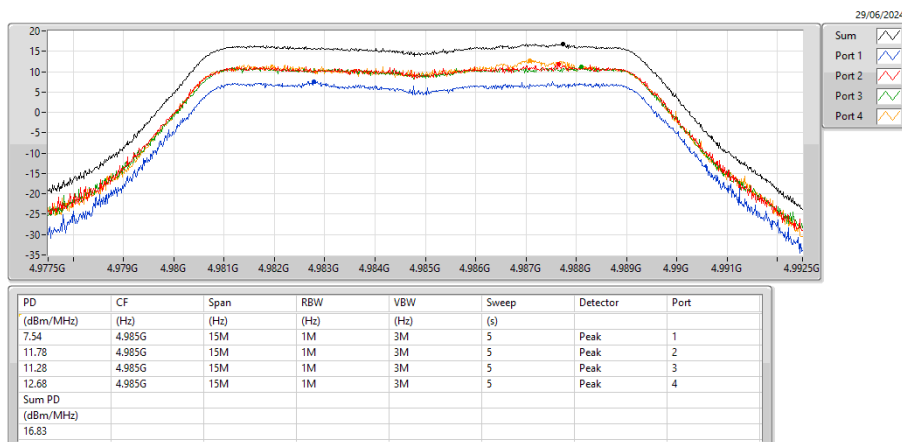
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

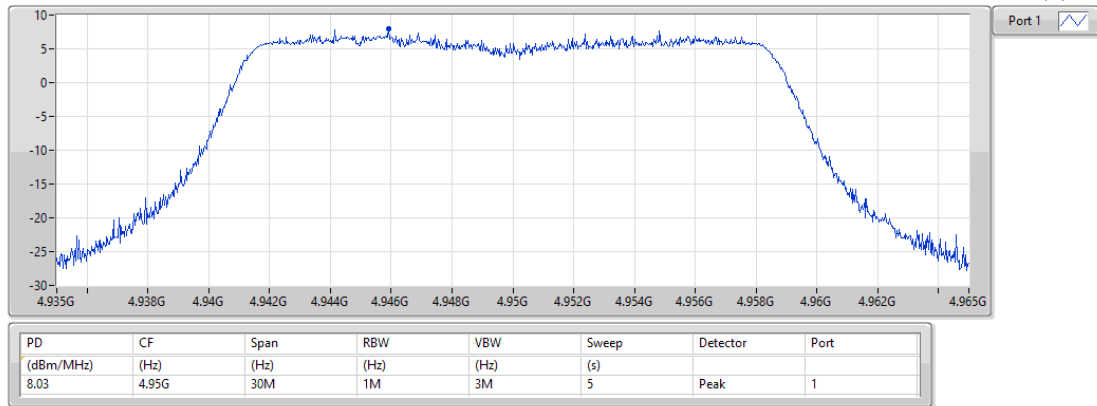
PSD

4985MHz



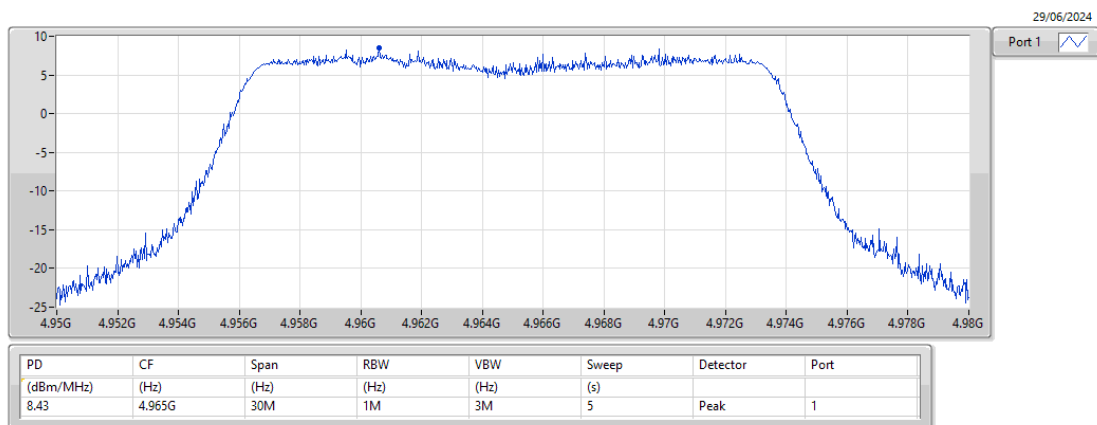
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

PSD



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

PSD



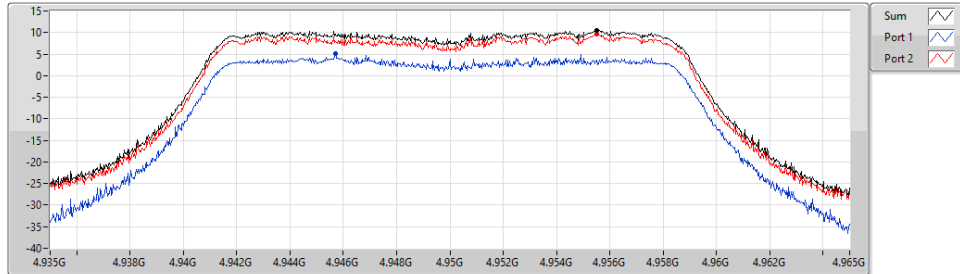
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

PSD



4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4950MHz

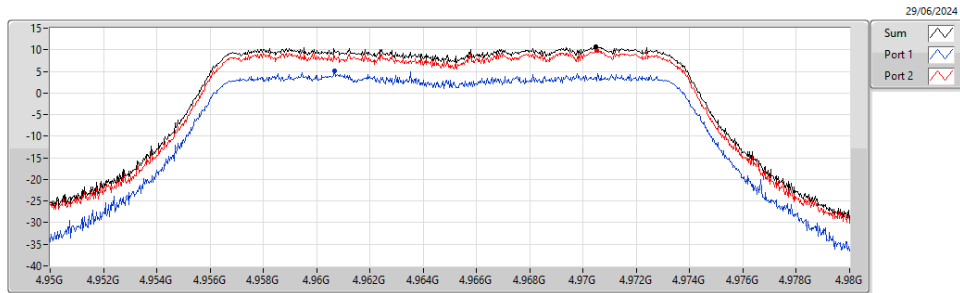
PSD



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.19	4.95G	30M	1M	3M	5	Peak	1
9.61	4.95G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
10.58							

4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4965MHz

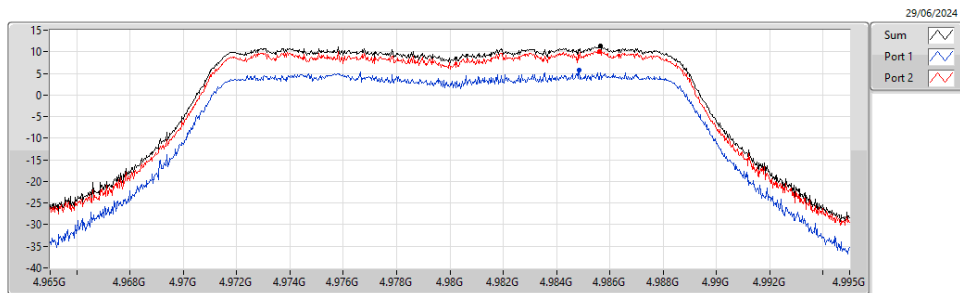
PSD



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.21	4.965G	30M	1M	3M	5	Peak	1
9.82	4.965G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
10.67							

4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4980MHz

PSD

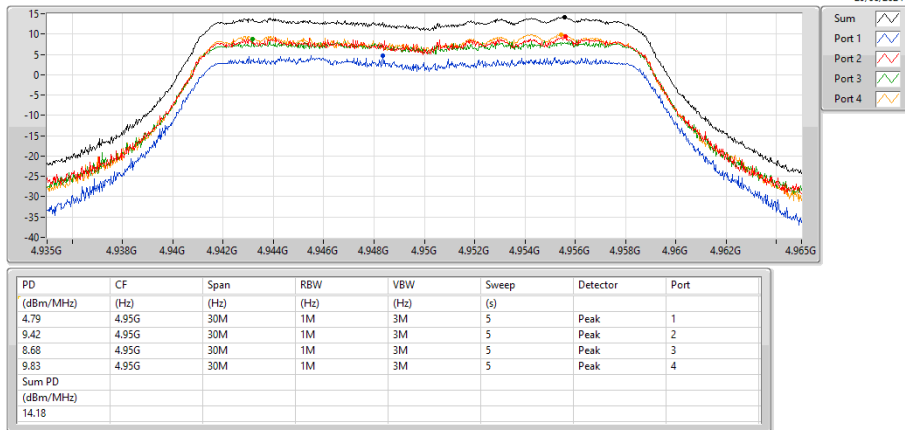


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.78	4.98G	30M	1M	3M	5	Peak	1
10.15	4.98G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
11.28							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

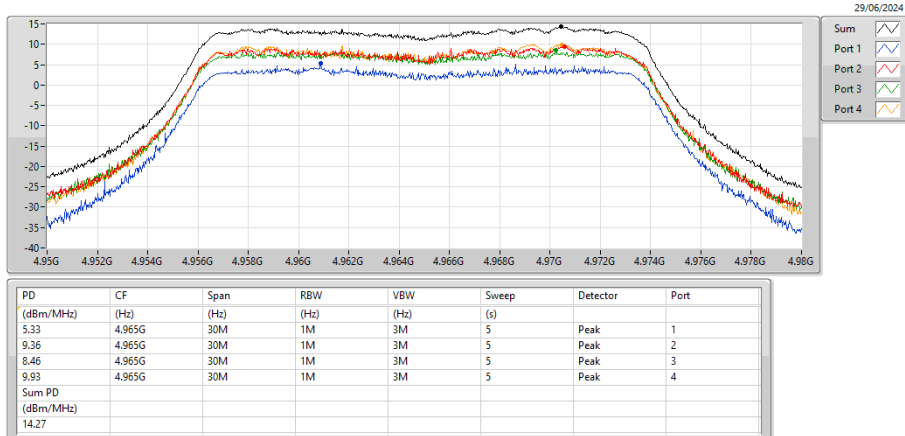
4950MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

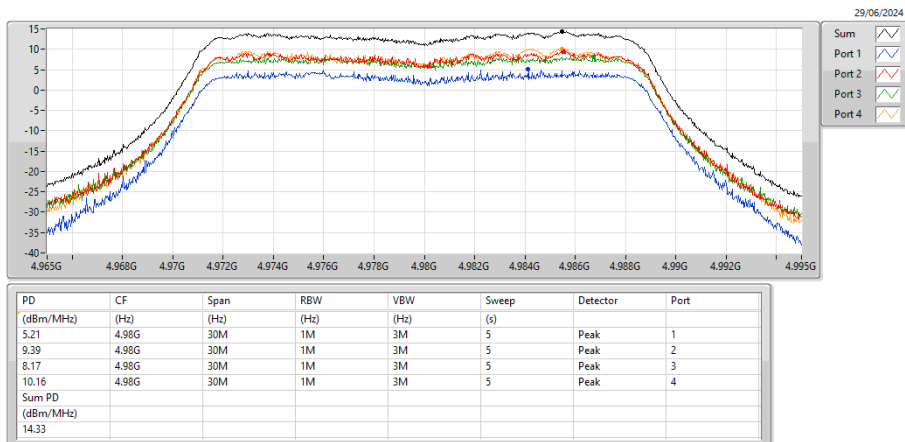
4965MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4980MHz



Summary

Mode	PD (dBm/MHz)
4.94-4.99GHz	-
11j,VHT10_10MHz_Nss1_1TX	11.36
11j,VHT10_10MHz_Nss1_2TX	13.84
11j,VHT10_10MHz_Nss1_4TX	16.83
11j,VHT20_20MHz_Nss1_1TX	8.75
11j,VHT20_20MHz_Nss1_2TX	11.28
11j,VHT20_20MHz_Nss1_4TX	14.33

Result

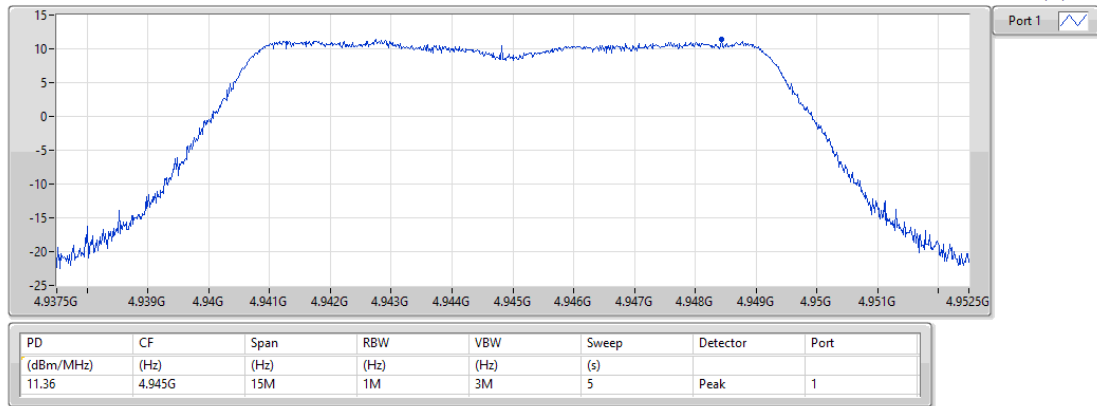
Mode	Result	DG (dBi)	Port 1 (dBm/MHz)	Port 2 (dBm/MHz)	Port 3 (dBm/MHz)	Port 4 (dBm/MHz)	PD (dBm/MHz)	PD Limit (dBm/MHz)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4945MHz	Pass	14.03	11.36	-	-	-	11.36	21.00
4965MHz	Pass	14.03	11.36	-	-	-	11.36	21.00
4985MHz	Pass	14.03	11.28	-	-	-	11.28	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4945MHz	Pass	17.04	7.31	11.48	-	-	12.69	21.00
4965MHz	Pass	17.04	7.31	11.86	-	-	13.15	21.00
4985MHz	Pass	17.04	8.11	12.75	-	-	13.84	21.00
4.94-4.99GHz_11j,VHT10_10MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4945MHz	Pass	20.05	7.29	11.58	11.09	12.65	16.58	21.00
4965MHz	Pass	20.05	7.38	11.81	10.89	12.70	16.69	21.00
4985MHz	Pass	20.05	7.54	11.78	11.28	12.68	16.83	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_1TX	-	-	-	-	-	-	-	-
4950MHz	Pass	14.03	8.03	-	-	-	8.03	21.00
4965MHz	Pass	14.03	8.43	-	-	-	8.43	21.00
4980MHz	Pass	14.03	8.75	-	-	-	8.75	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_2TX	-	-	-	-	-	-	-	-
4950MHz	Pass	17.04	5.19	9.61	-	-	10.58	21.00
4965MHz	Pass	17.04	5.21	9.82	-	-	10.67	21.00
4980MHz	Pass	17.04	5.78	10.15	-	-	11.28	21.00
4.94-4.99GHz_11j,VHT20_20MHz_Nss1,_4TX	-	-	-	-	-	-	-	-
4950MHz	Pass	20.05	4.79	9.42	8.68	9.83	14.18	21.00
4965MHz	Pass	20.05	5.33	9.36	8.46	9.93	14.27	21.00
4980MHz	Pass	20.05	5.21	9.39	8.17	10.16	14.33	21.00

DG = Directional Gain;

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

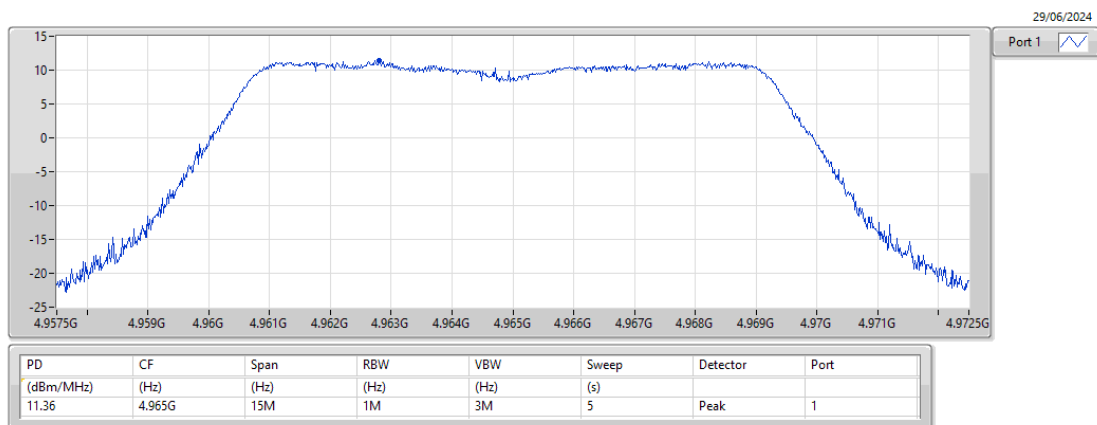
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

PSD



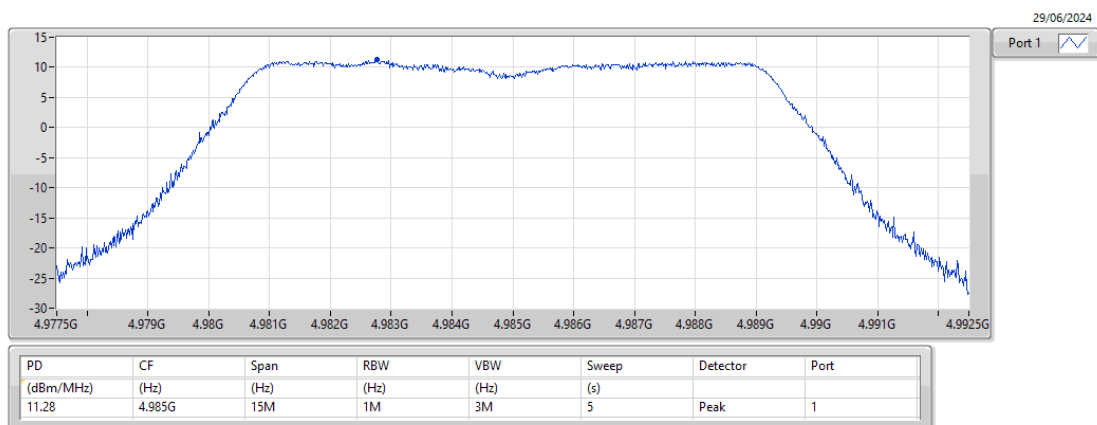
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4965MHz

PSD



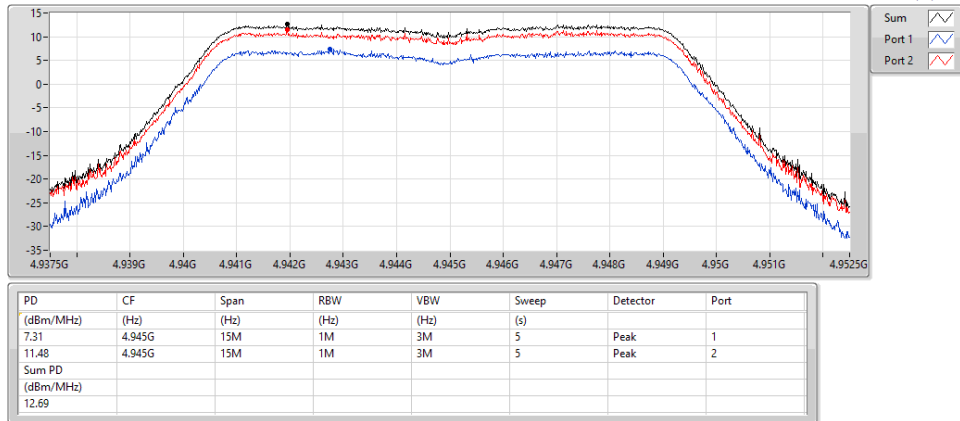
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4985MHz

PSD



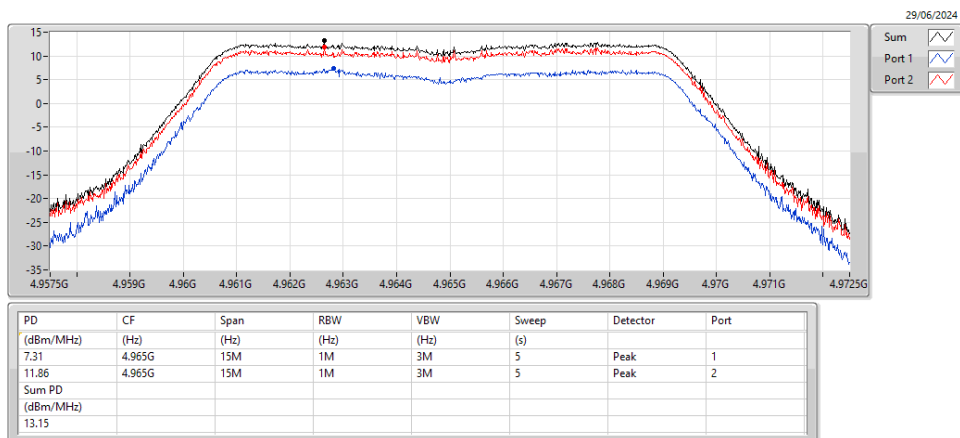
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4945MHz

PSD



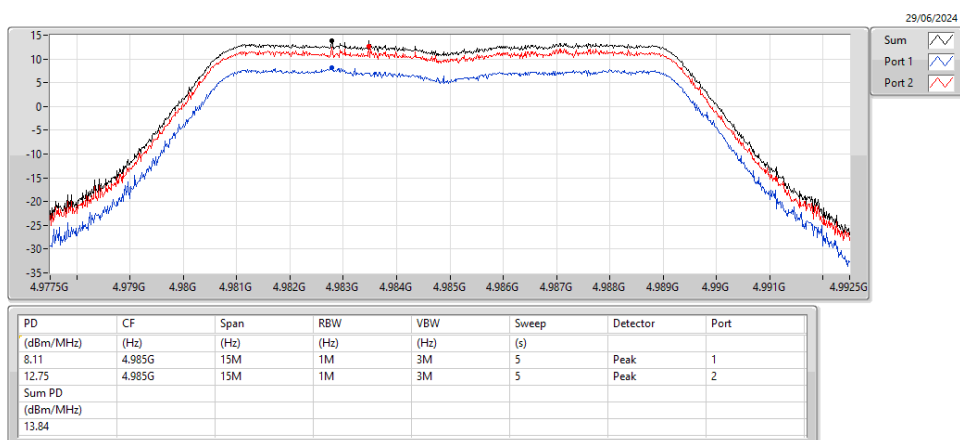
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4965MHz

PSD



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4985MHz

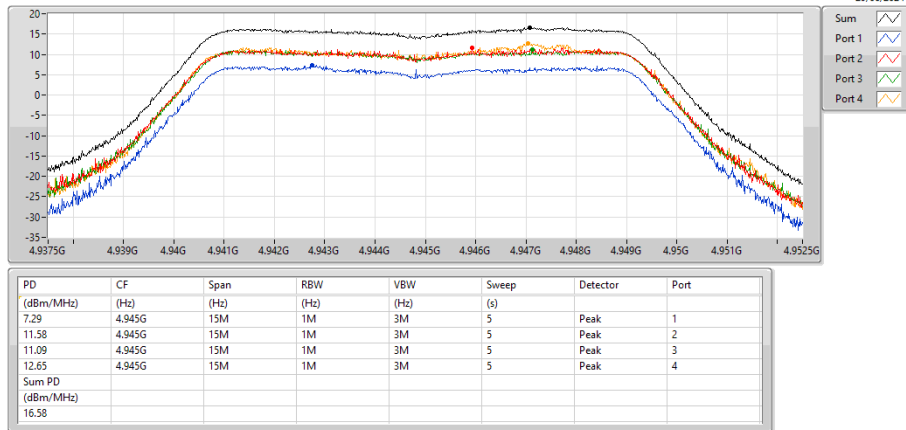
PSD



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

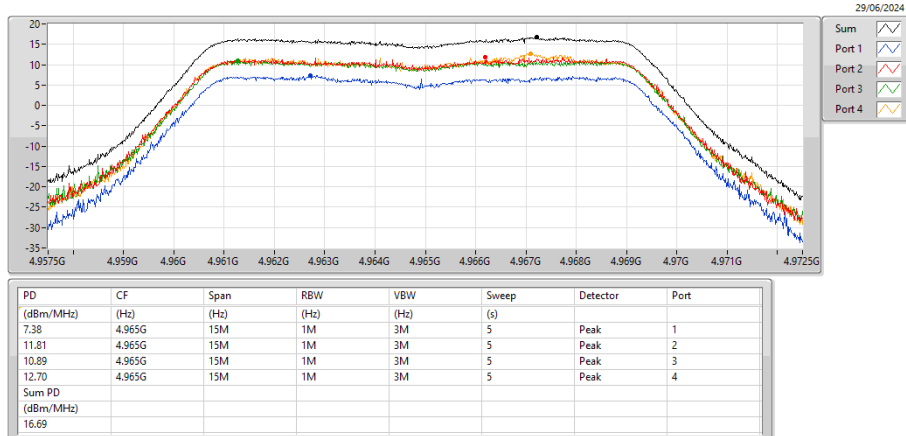
4945MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

PSD

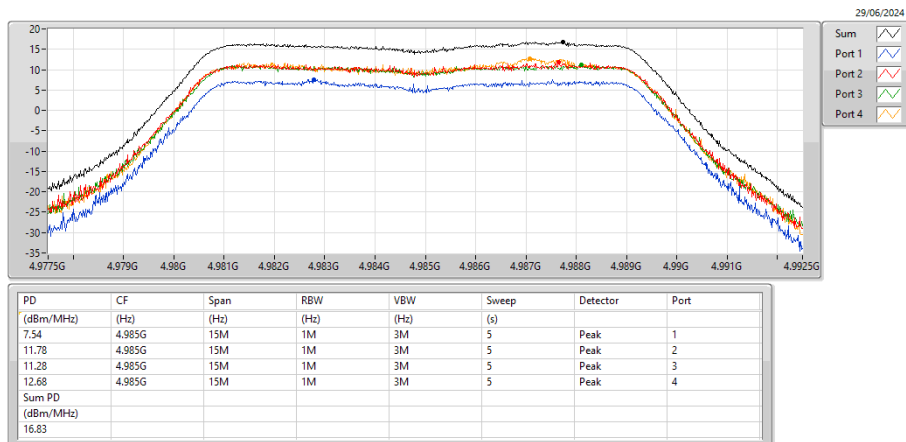
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

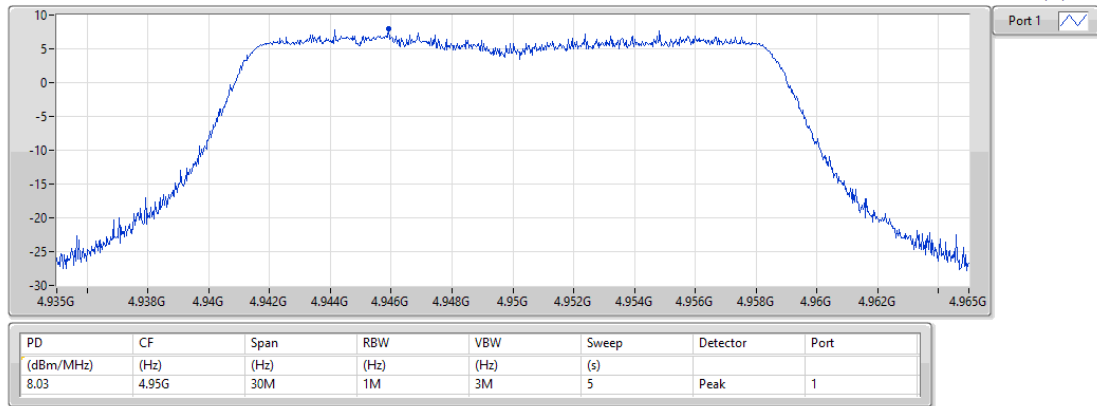
PSD

4985MHz



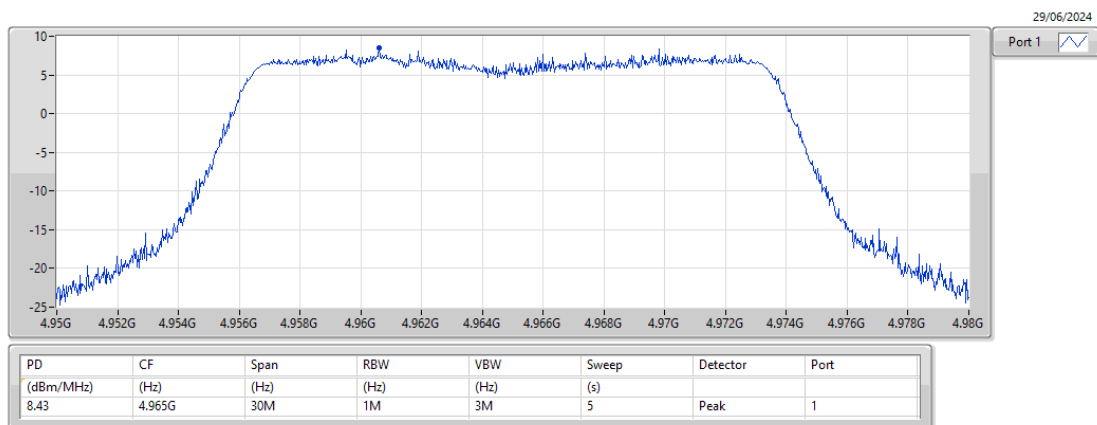
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

PSD



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

PSD



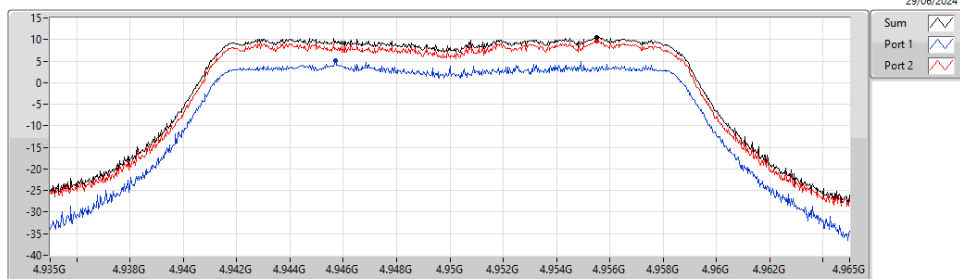
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

PSD



4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4950MHz

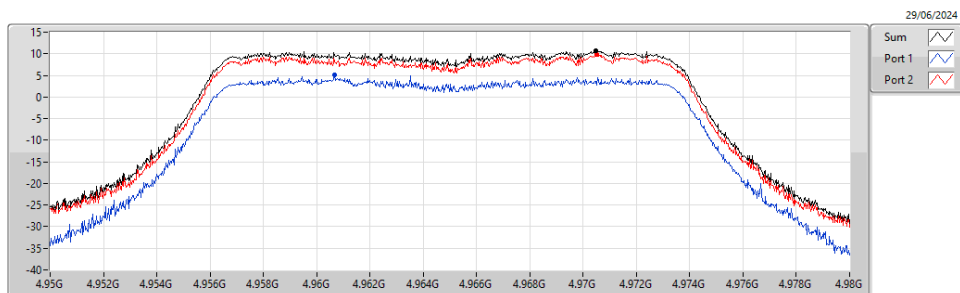
PSD



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.19	4.95G	30M	1M	3M	5	Peak	1
9.61	4.95G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
10.58							

4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4965MHz

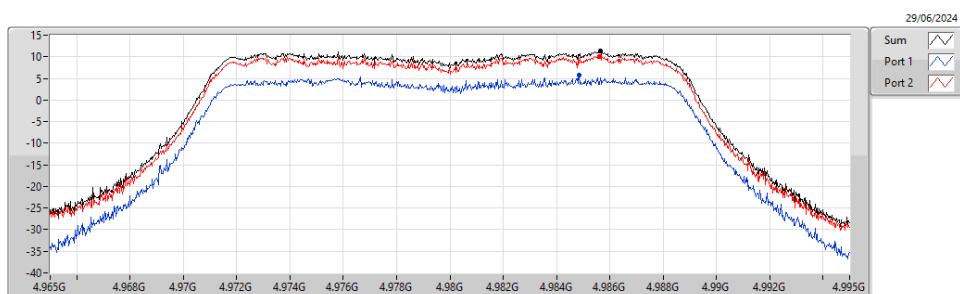
PSD



PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.21	4.965G	30M	1M	3M	5	Peak	1
9.82	4.965G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
10.67							

4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX
4980MHz

PSD

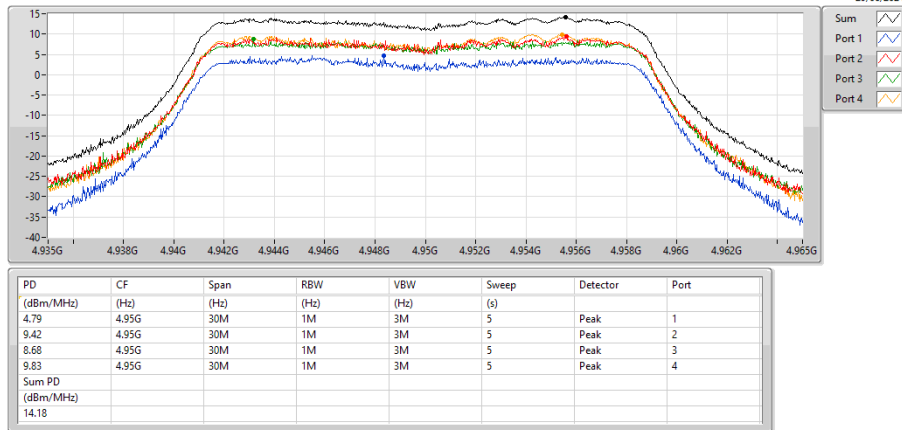


PD	CF	Span	RBW	VBW	Sweep	Detector	Port
(dBm/MHz)	(Hz)	(Hz)	(Hz)	(Hz)	(s)		
5.78	4.98G	30M	1M	3M	5	Peak	1
10.15	4.98G	30M	1M	3M	5	Peak	2
Sum PD							
(dBm/MHz)							
11.28							

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

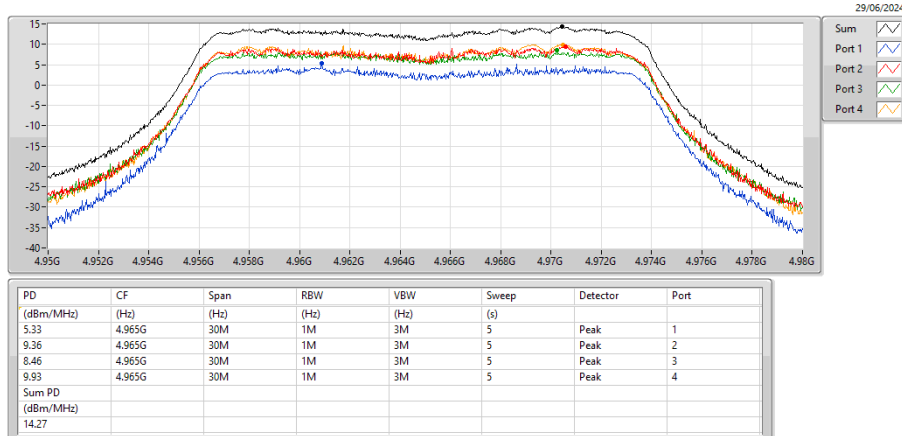
4950MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

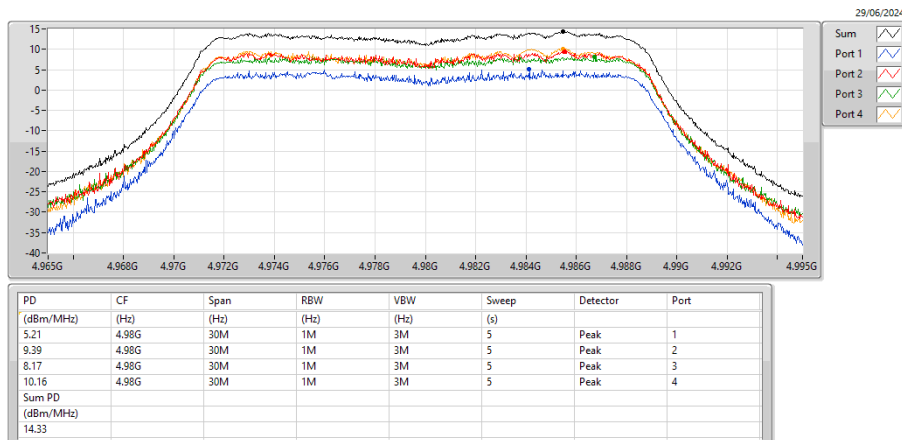
4965MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

PSD

4980MHz



Summary

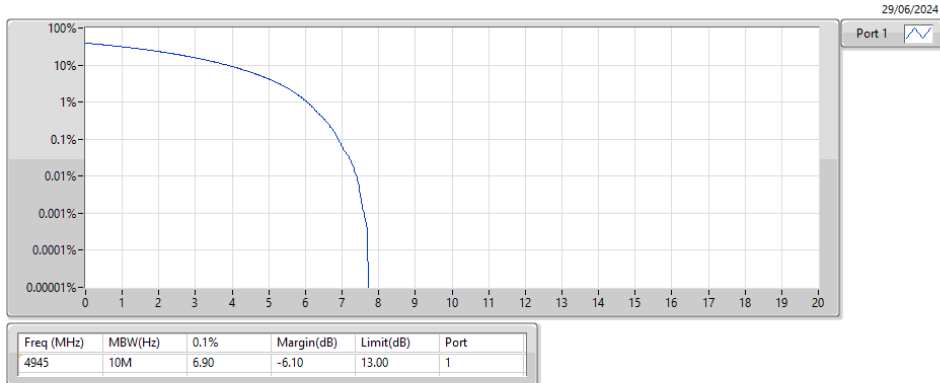
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz	-	-	-	-	-
11j,VHT10_10MHz_Nss1_1TX	Pass	4945	13.00	6.90	1
11j,VHT10_10MHz_Nss1_2TX	Pass	4985	13.00	7.18	1
11j,VHT10_10MHz_Nss1_4TX	Pass	4985	13.00	7.14	1
11j,VHT20_20MHz_Nss1_1TX	Pass	4950	13.00	8.52	1
11j,VHT20_20MHz_Nss1_2TX	Pass	4965	13.00	8.52	1
11j,VHT20_20MHz_Nss1_4TX	Pass	4980	13.00	8.66	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	6.90	1
4965MHz	Pass	4965	13.00	6.82	1
4985MHz	Pass	4985	13.00	6.80	1
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	6.88	1
4965MHz	Pass	4965	13.00	7.04	1
4985MHz	Pass	4985	13.00	7.18	1
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	6.98	1
4965MHz	Pass	4965	13.00	6.92	1
4985MHz	Pass	4985	13.00	7.14	1
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	8.52	1
4965MHz	Pass	4965	13.00	8.06	1
4980MHz	Pass	4980	13.00	8.36	1
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	8.02	1
4965MHz	Pass	4965	13.00	8.52	1
4980MHz	Pass	4980	13.00	8.36	1
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	8.56	1
4965MHz	Pass	4965	13.00	8.22	1
4980MHz	Pass	4980	13.00	8.66	1

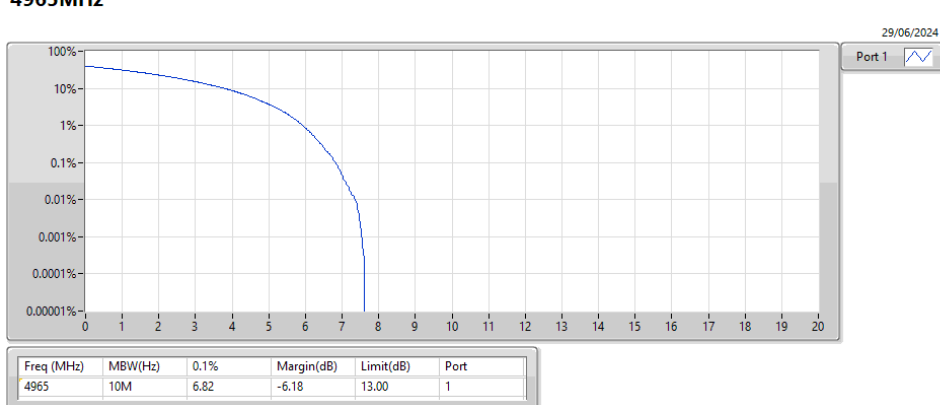
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

PAR



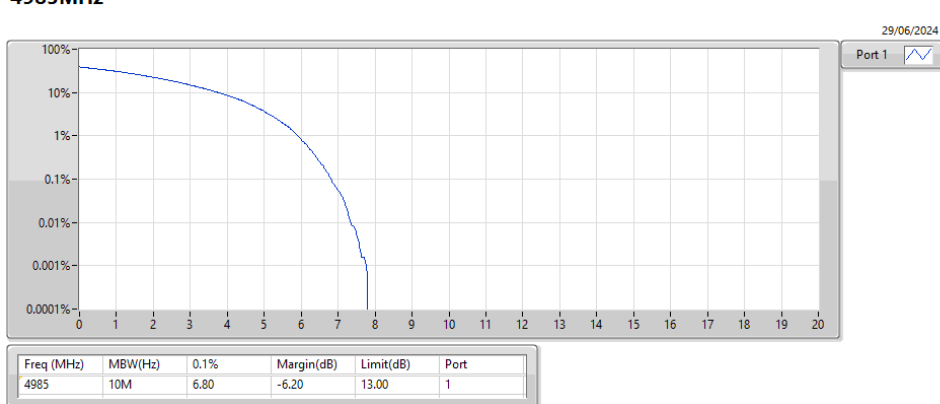
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4965MHz

PAR



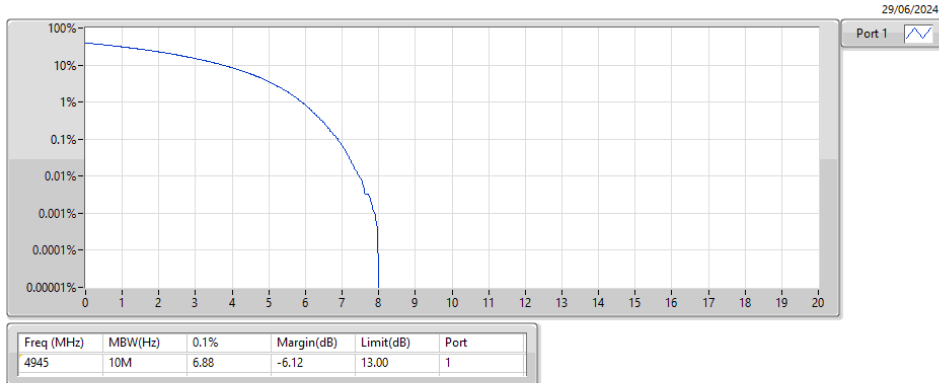
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4985MHz

PAR



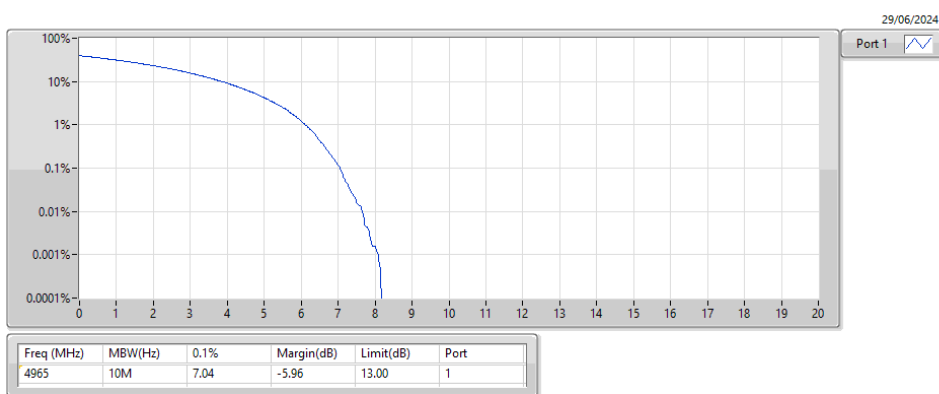
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4945MHz

PAR



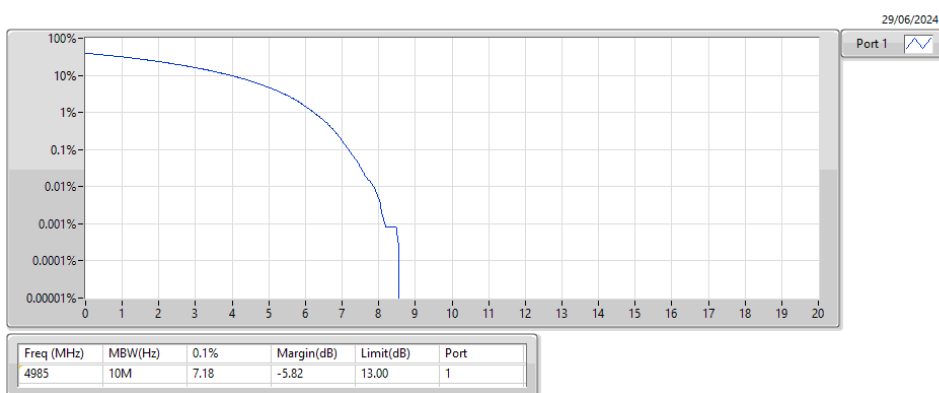
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4965MHz

PAR



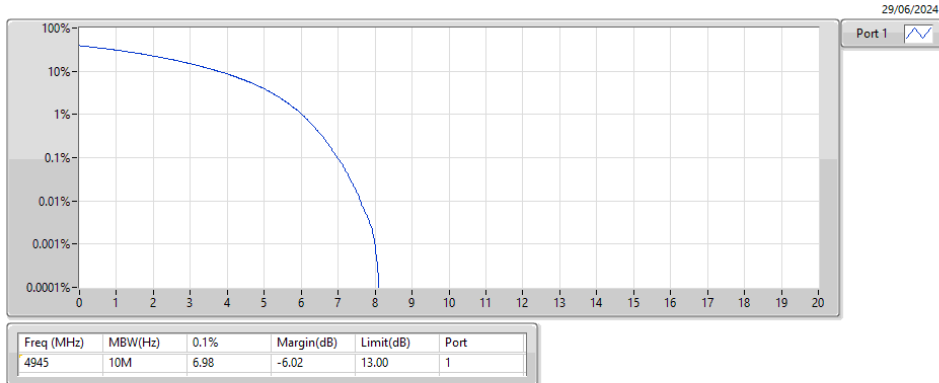
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4985MHz

PAR



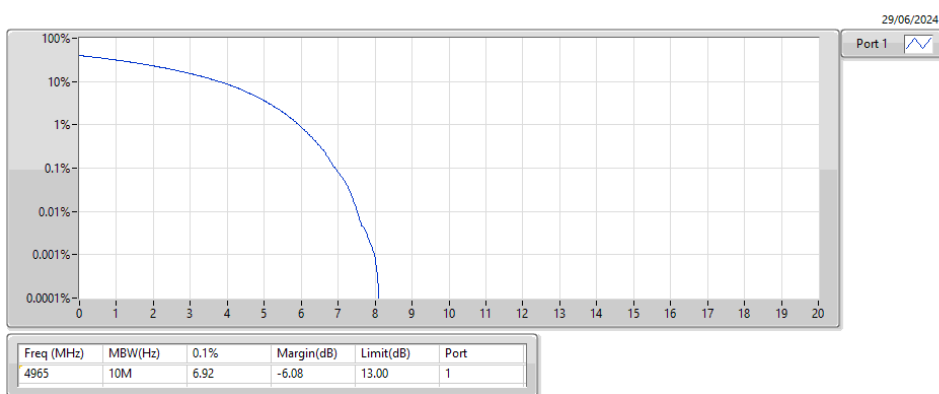
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4945MHz

PAR



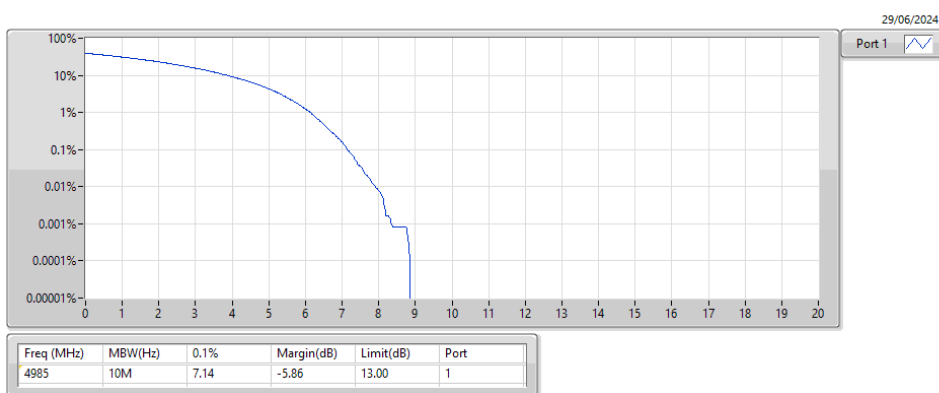
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4965MHz

PAR



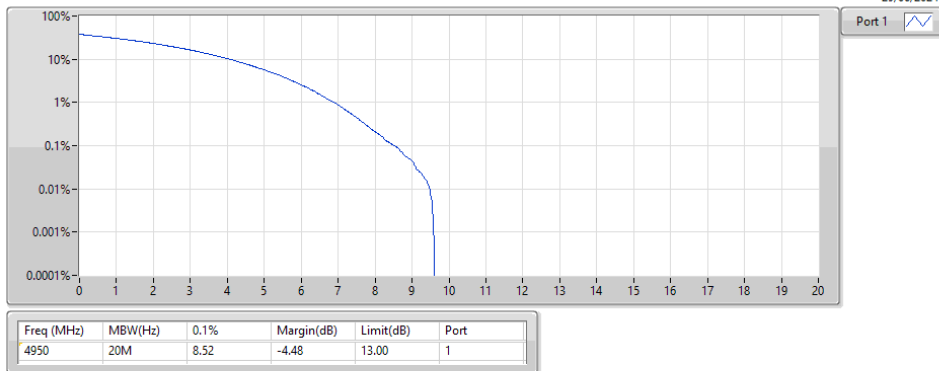
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4985MHz

PAR



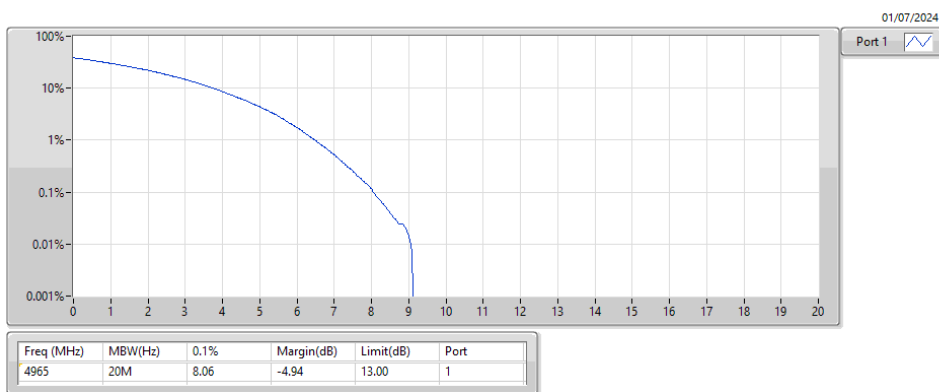
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

PAR



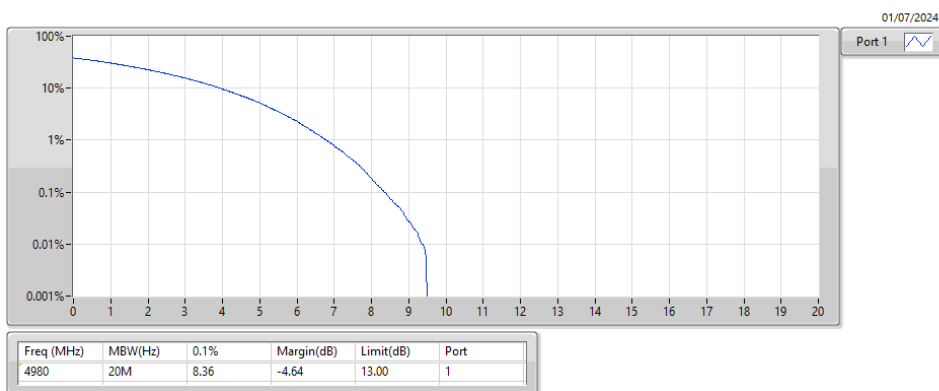
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

PAR



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

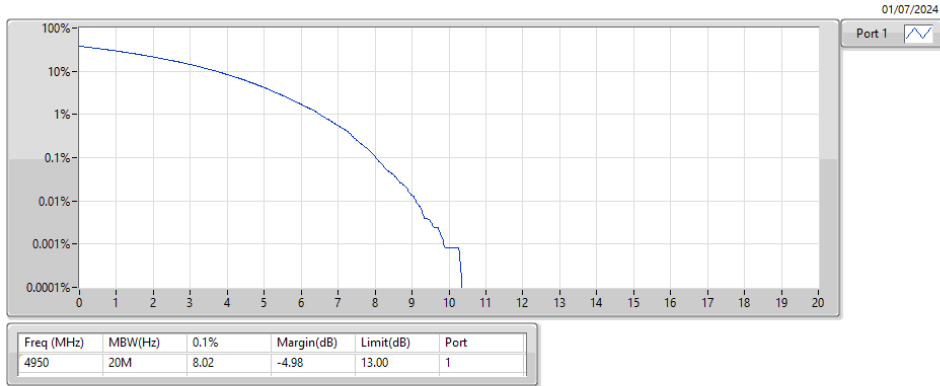
PAR



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

PAR

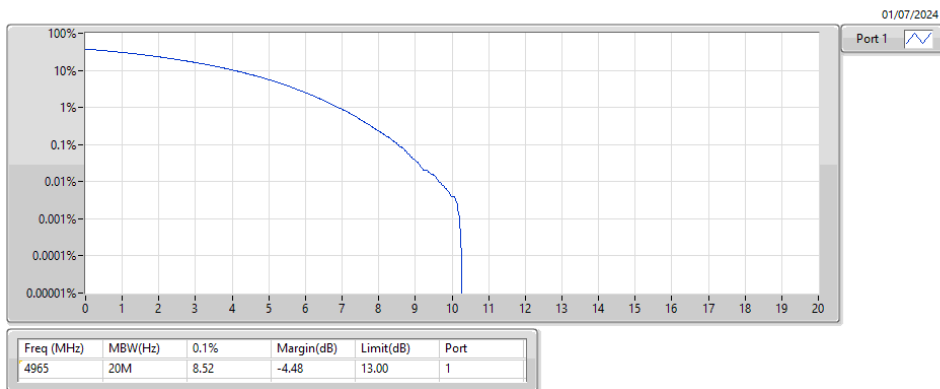
4950MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

PAR

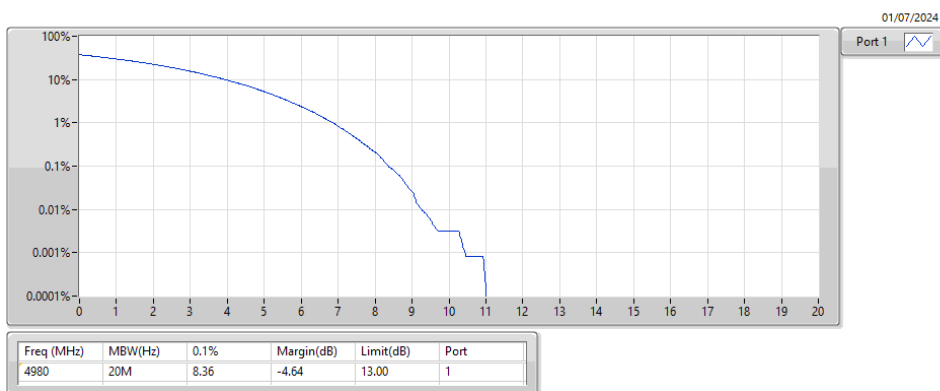
4965MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

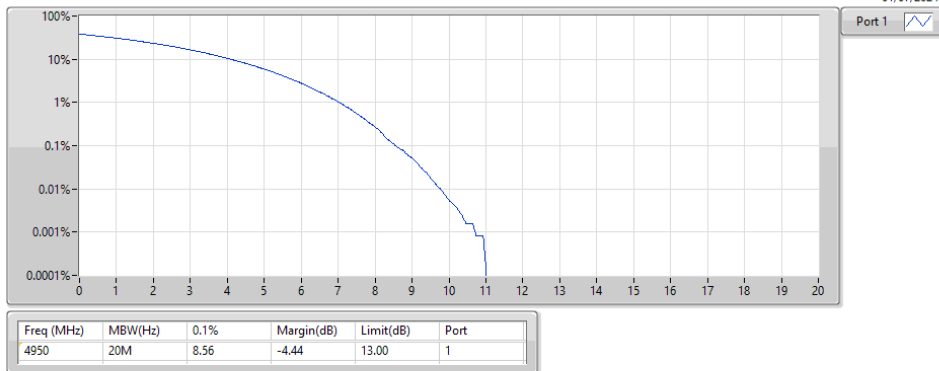
PAR

4980MHz



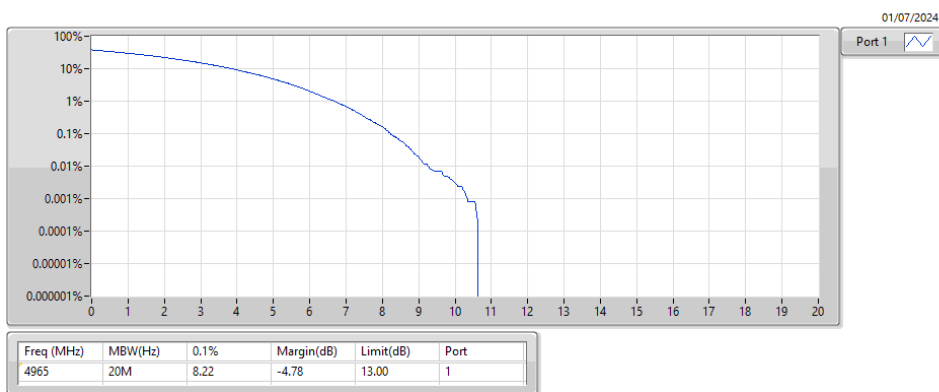
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4950MHz

PAR



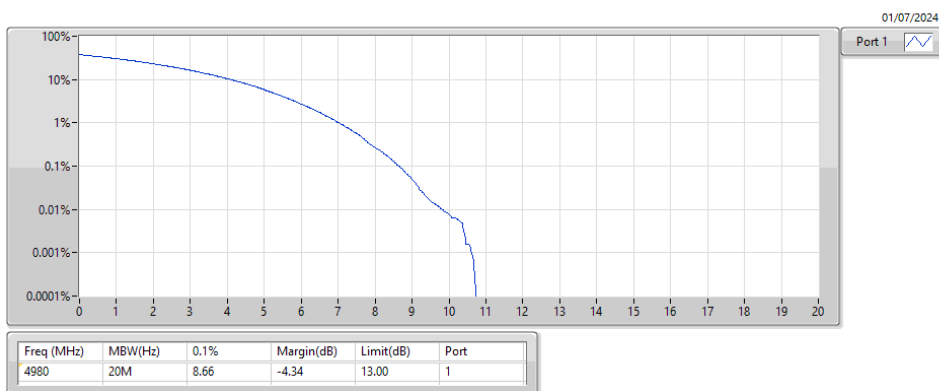
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4965MHz

PAR



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4980MHz

PAR



Summary

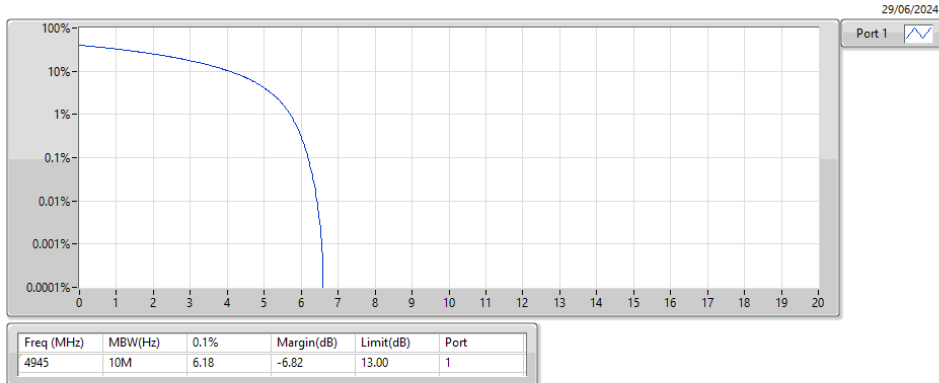
Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz	-	-	-	-	-
11j,VHT10_10MHz_Nss1_1TX	Pass	4985	13.00	6.52	1
11j,VHT10_10MHz_Nss1_2TX	Pass	4945	13.00	6.66	1
11j,VHT10_10MHz_Nss1_4TX	Pass	4985	13.00	6.64	1
11j,VHT20_20MHz_Nss1_1TX	Pass	4950	13.00	8.34	1
11j,VHT20_20MHz_Nss1_2TX	Pass	4980	13.00	8.42	1
11j,VHT20_20MHz_Nss1_4TX	Pass	4965	13.00	8.54	1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	6.18	1
4965MHz	Pass	4965	13.00	6.34	1
4985MHz	Pass	4985	13.00	6.52	1
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	6.66	1
4965MHz	Pass	4965	13.00	6.32	1
4985MHz	Pass	4985	13.00	6.44	1
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-
4945MHz	Pass	4945	13.00	6.40	1
4965MHz	Pass	4965	13.00	6.30	1
4985MHz	Pass	4985	13.00	6.64	1
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	8.34	1
4965MHz	Pass	4965	13.00	7.96	1
4980MHz	Pass	4980	13.00	8.34	1
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	8.12	1
4965MHz	Pass	4965	13.00	8.12	1
4980MHz	Pass	4980	13.00	8.42	1
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-
4950MHz	Pass	4950	13.00	8.50	1
4965MHz	Pass	4965	13.00	8.54	1
4980MHz	Pass	4980	13.00	8.00	1

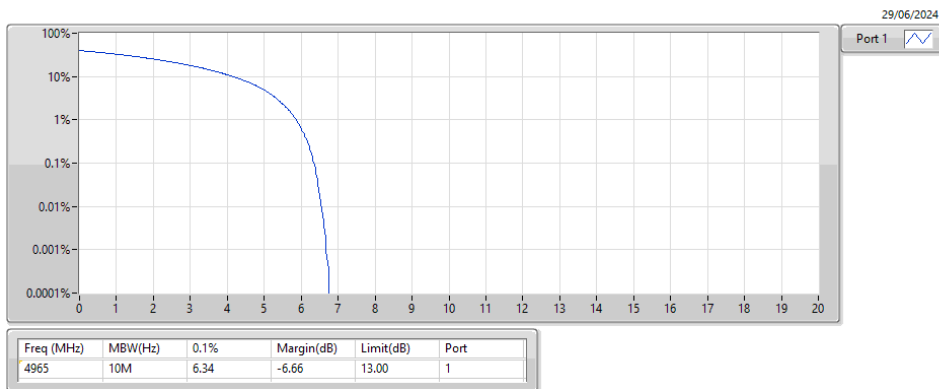
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

PAR



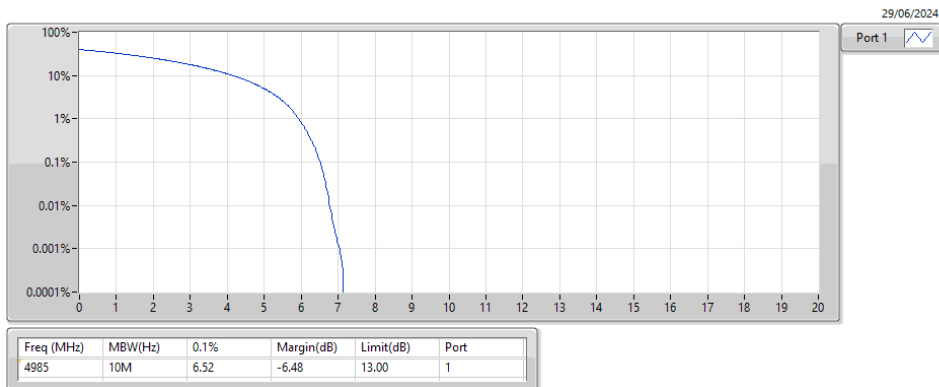
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4965MHz

PAR



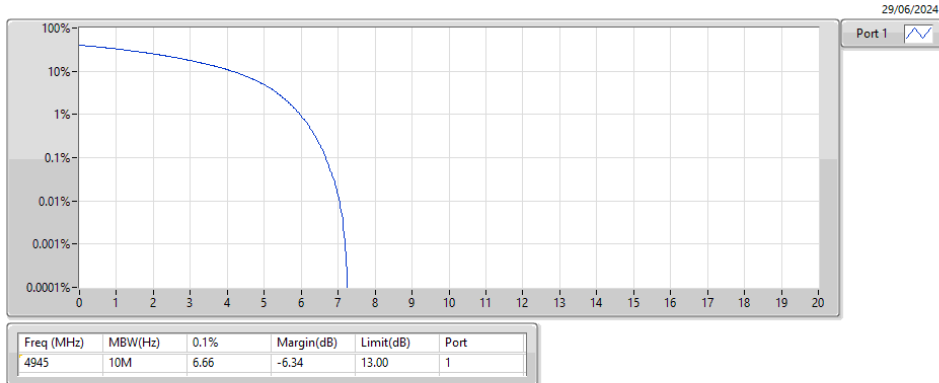
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4985MHz

PAR



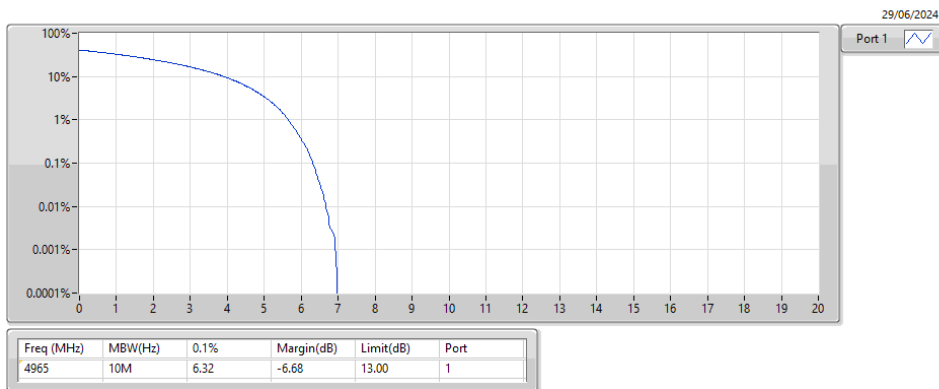
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4945MHz

PAR



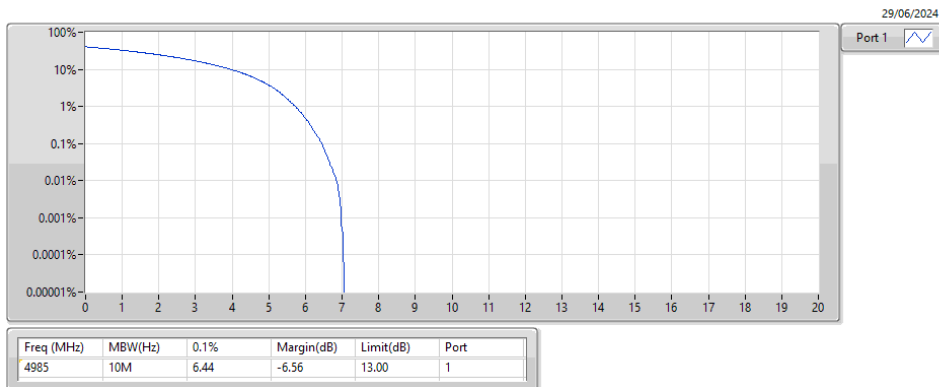
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4965MHz

PAR



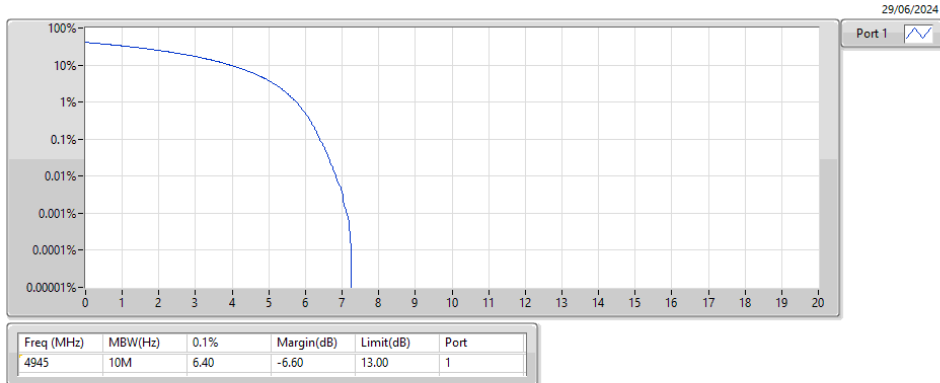
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4985MHz

PAR



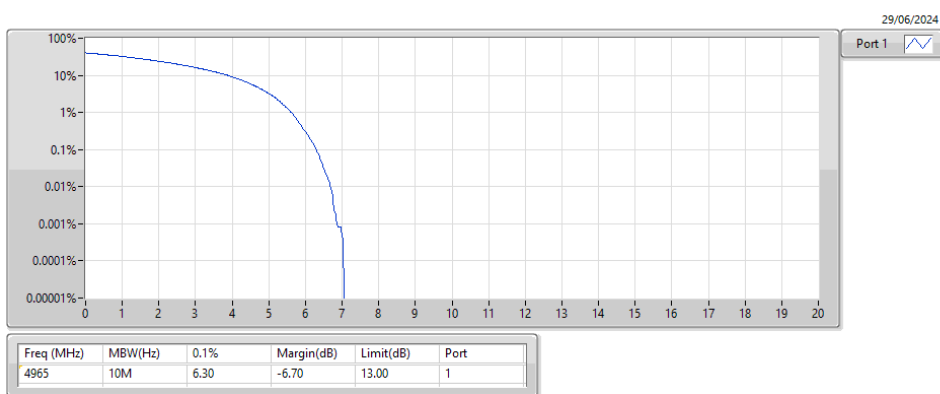
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4945MHz

PAR



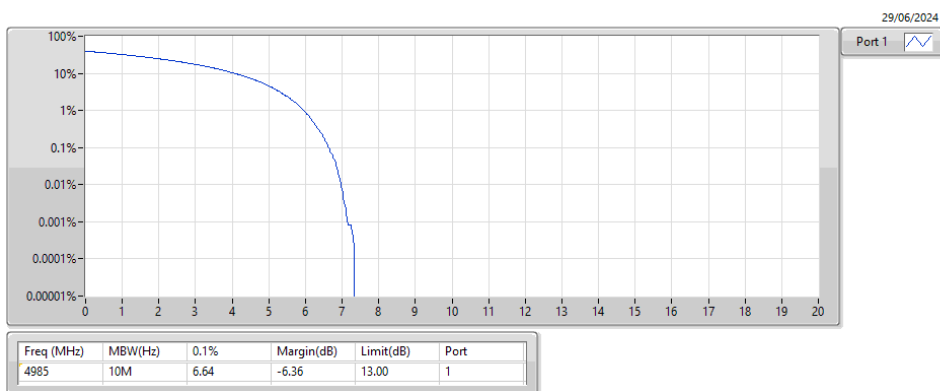
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4965MHz

PAR



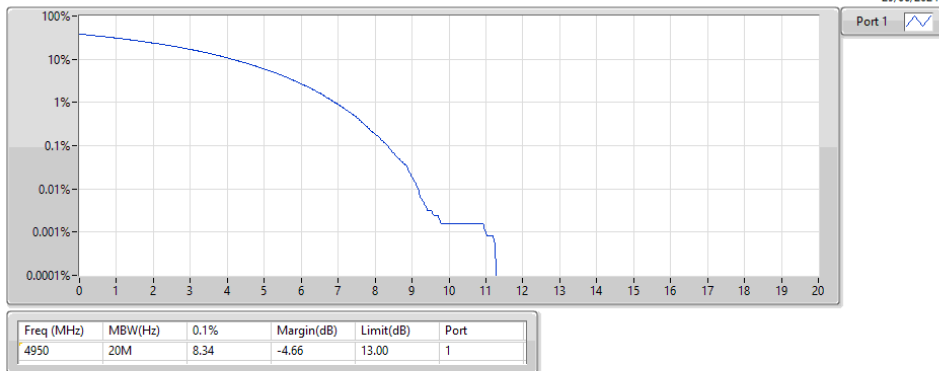
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4985MHz

PAR



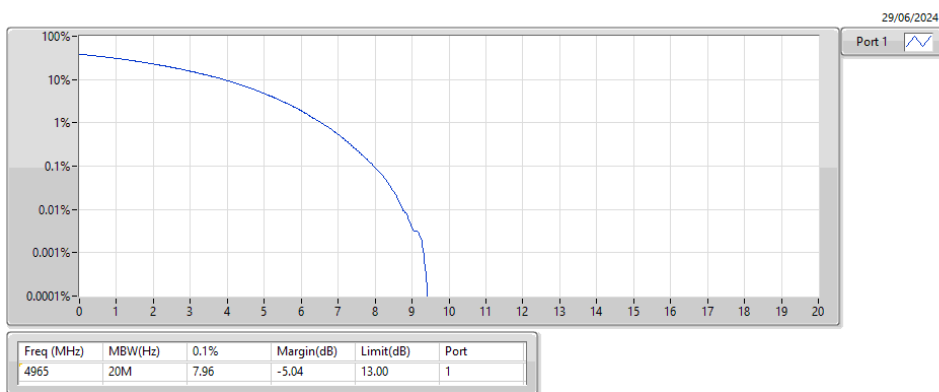
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

PAR



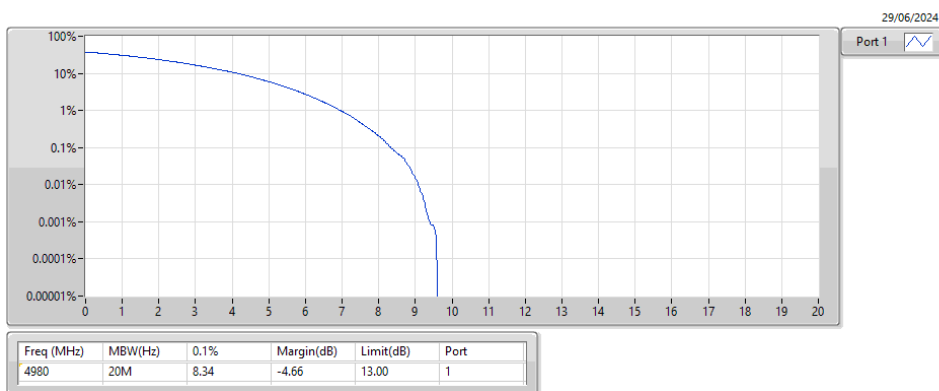
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

PAR



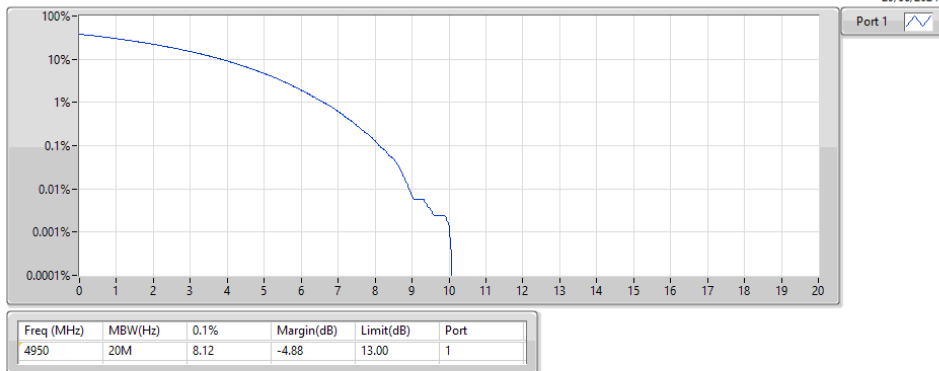
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

PAR



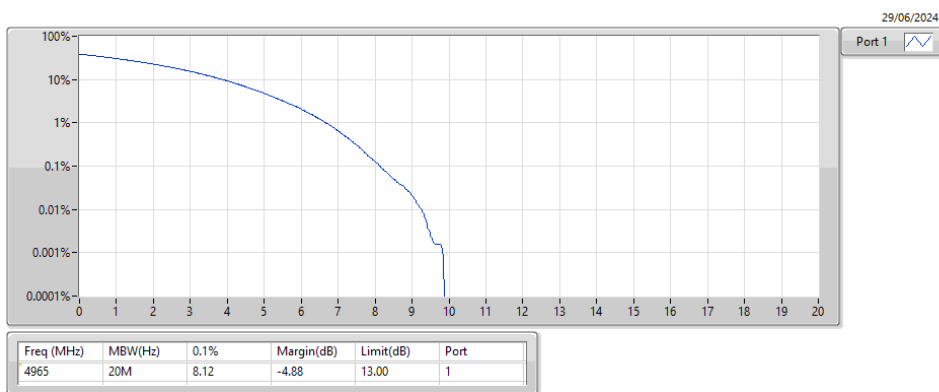
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
4950MHz

PAR



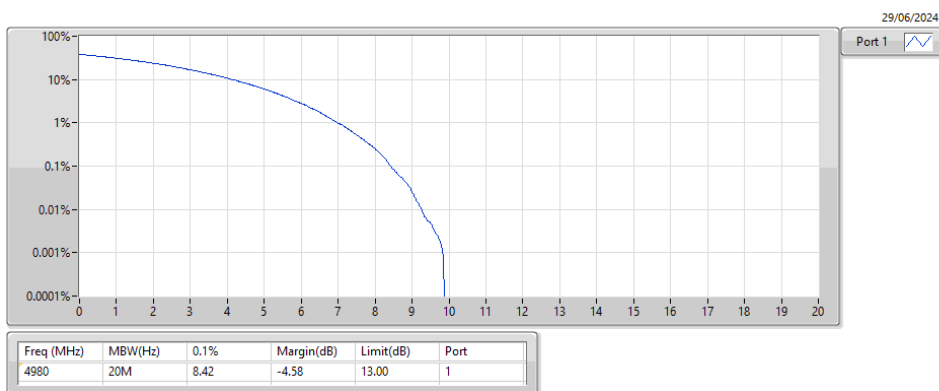
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
4965MHz

PAR



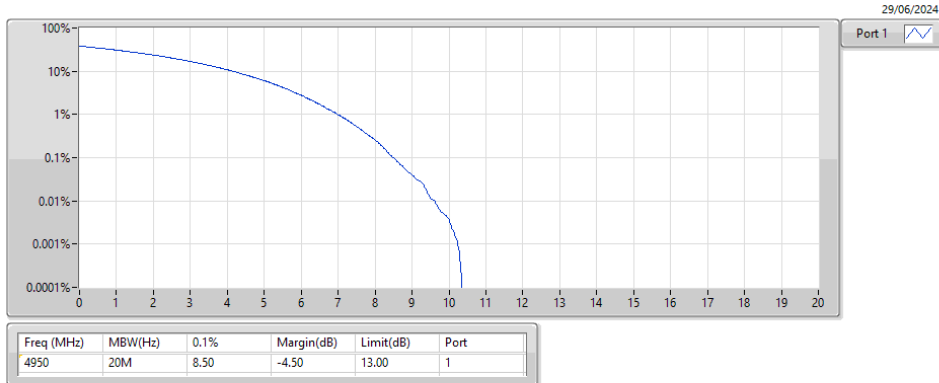
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
4980MHz

PAR



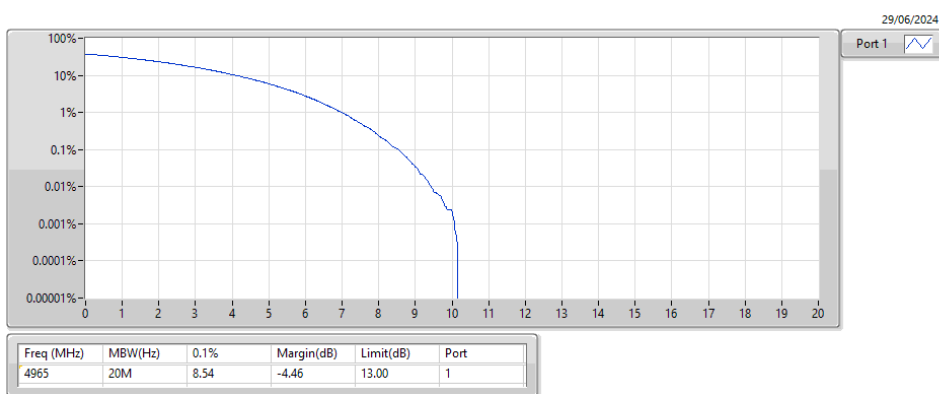
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4950MHz

PAR



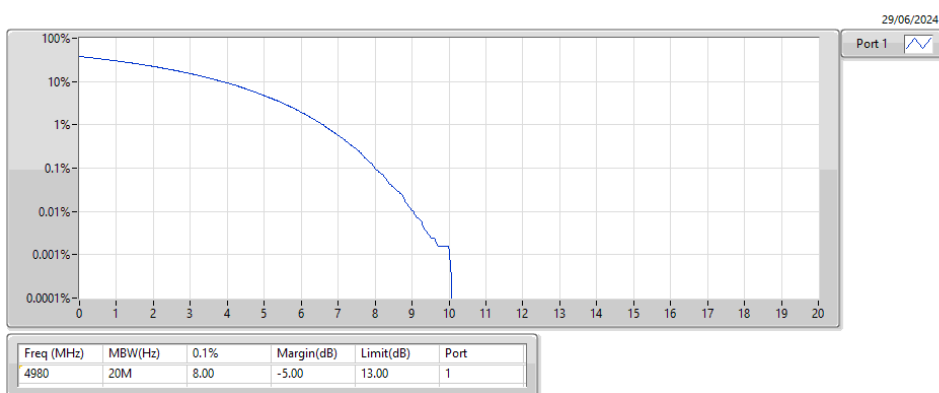
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4965MHz

PAR



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4980MHz

PAR



Summary

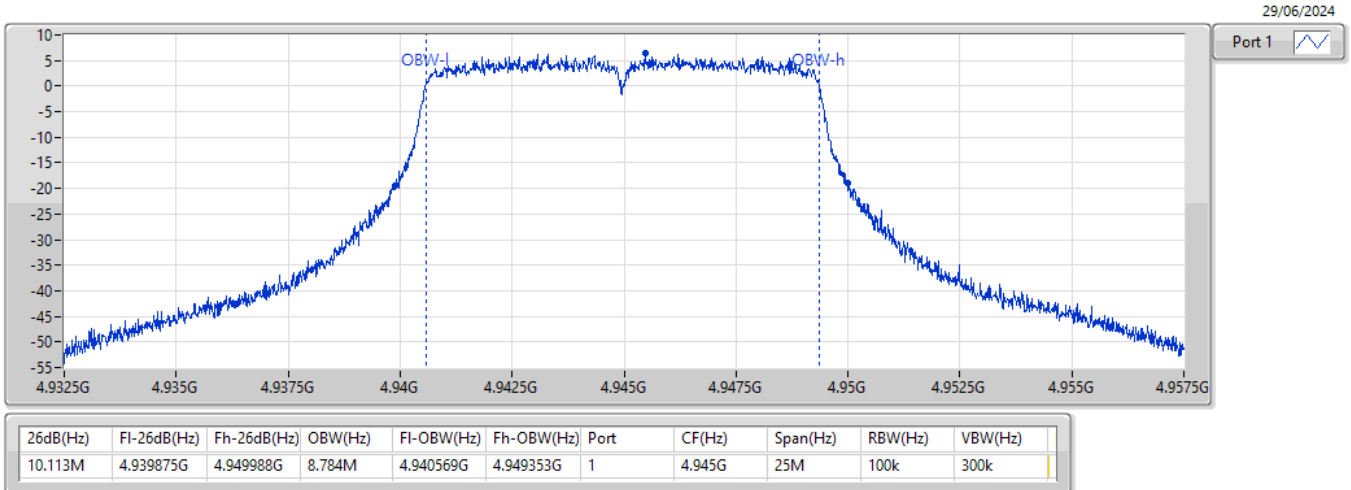
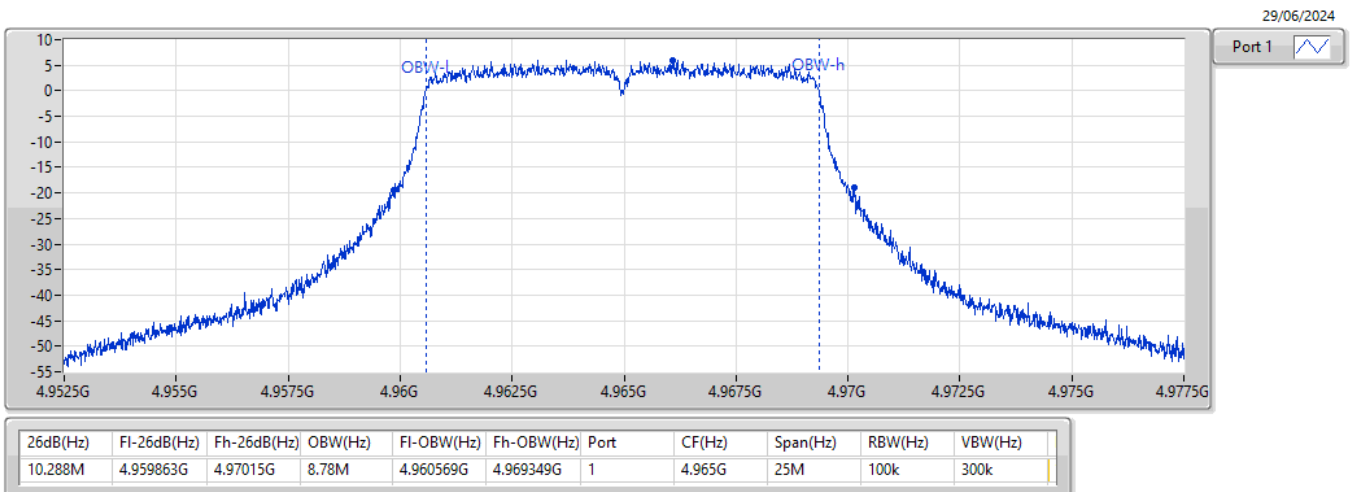
Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
4.94-4.99GHz	-	-	-	-	-
11j,VHT10_10MHz_Nss1_1TX	10.375M	8.784M	8M78D1D	10.113M	8.779M
11j,VHT10_10MHz_Nss1_2TX	10.3M	8.783M	8M78D1D	10.063M	8.772M
11j,VHT10_10MHz_Nss1_4TX	10.313M	8.789M	8M79D1D	10.075M	8.764M
11j,VHT20_20MHz_Nss1_1TX	20.675M	17.563M	17M6D1D	20.525M	17.556M
11j,VHT20_20MHz_Nss1_2TX	20.55M	17.563M	17M6D1D	20.3M	17.539M
11j,VHT20_20MHz_Nss1_4TX	20.8M	17.578M	17M6D1D	20.2M	17.534M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB 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_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.113M	8.784M	-	-	-	-	-	-
4965MHz	Pass	Inf	10.288M	8.78M	-	-	-	-	-	-
4985MHz	Pass	Inf	10.375M	8.779M	-	-	-	-	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.3M	8.775M	10.063M	8.782M	-	-	-	-
4965MHz	Pass	Inf	10.2M	8.772M	10.138M	8.778M	-	-	-	-
4985MHz	Pass	Inf	10.3M	8.783M	10.075M	8.782M	-	-	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.163M	8.772M	10.225M	8.789M	10.15M	8.776M	10.313M	8.784M
4965MHz	Pass	Inf	10.3M	8.784M	10.313M	8.78M	10.113M	8.777M	10.263M	8.789M
4985MHz	Pass	Inf	10.238M	8.784M	10.238M	8.783M	10.075M	8.764M	10.225M	8.777M
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.65M	17.557M	-	-	-	-	-	-
4965MHz	Pass	Inf	20.675M	17.563M	-	-	-	-	-	-
4980MHz	Pass	Inf	20.525M	17.556M	-	-	-	-	-	-
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.55M	17.539M	20.325M	17.552M	-	-	-	-
4965MHz	Pass	Inf	20.55M	17.56M	20.35M	17.554M	-	-	-	-
4980MHz	Pass	Inf	20.525M	17.563M	20.3M	17.552M	-	-	-	-
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	20.2M	17.534M	20.35M	17.552M	20.375M	17.577M	20.375M	17.548M
4965MHz	Pass	Inf	20.525M	17.547M	20.325M	17.546M	20.4M	17.578M	20.7M	17.543M
4980MHz	Pass	Inf	20.375M	17.537M	20.7M	17.548M	20.525M	17.57M	20.8M	17.552M

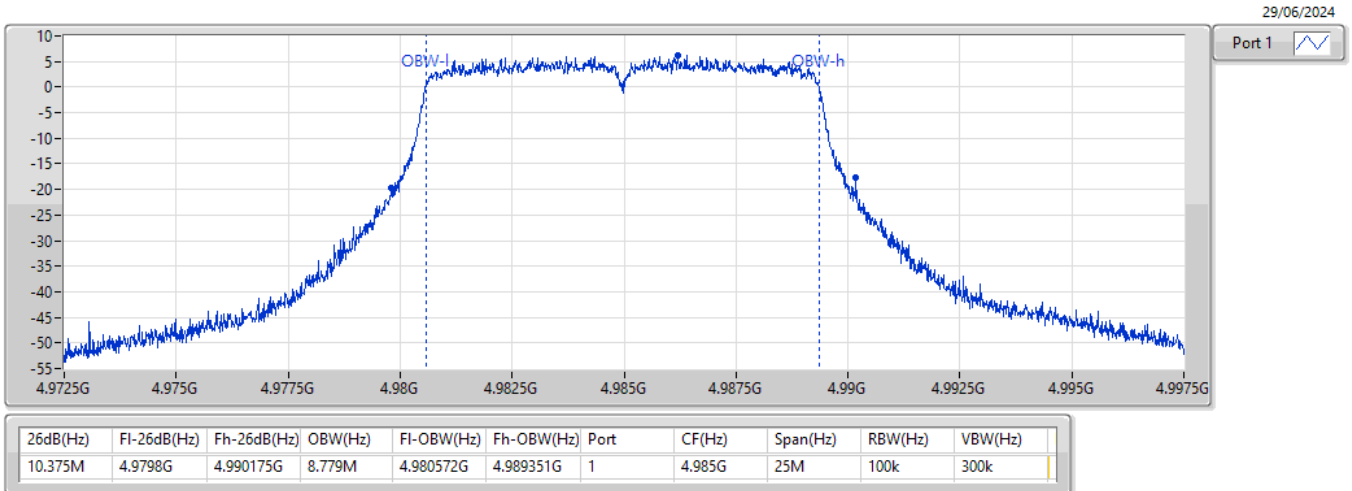
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
EBW
4945MHz

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
EBW
4965MHz


4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

EBW

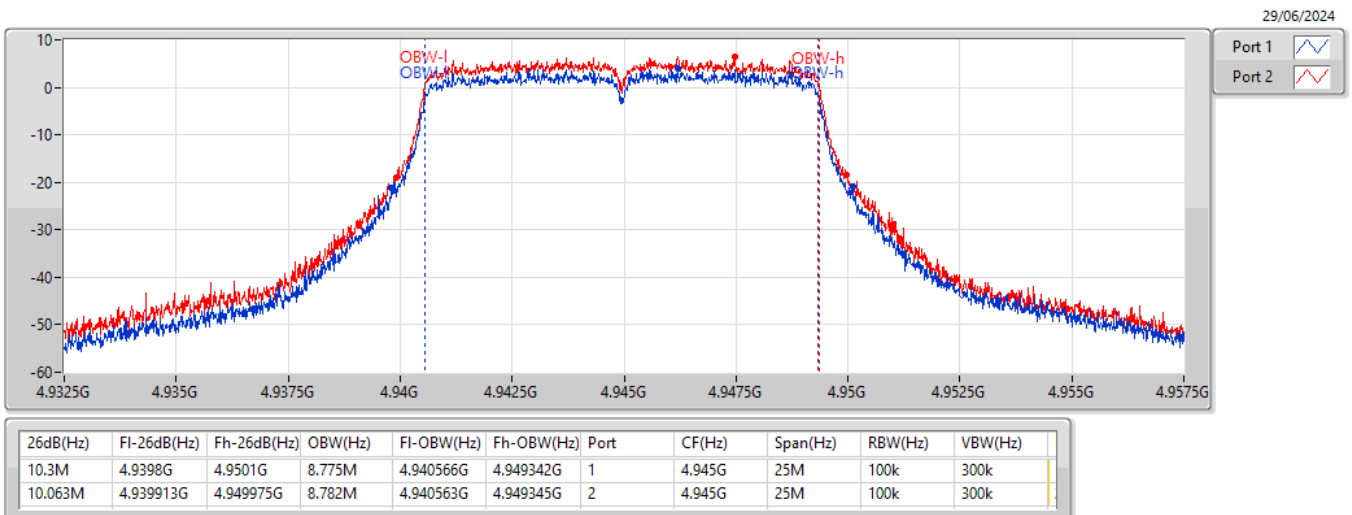
4985MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX

EBW

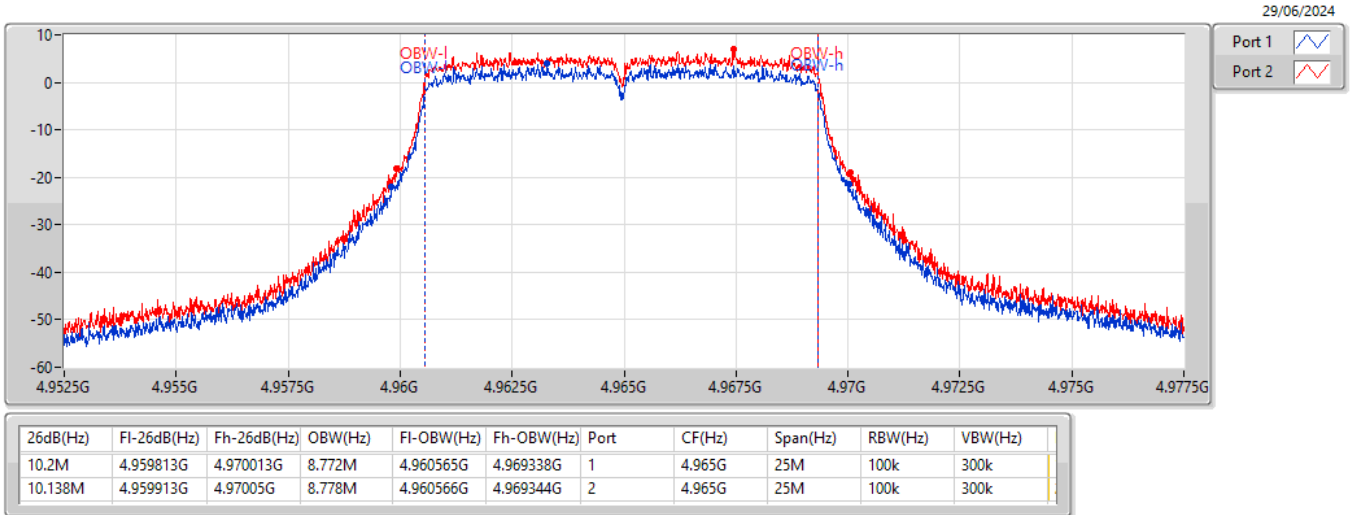
4945MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX

EBW

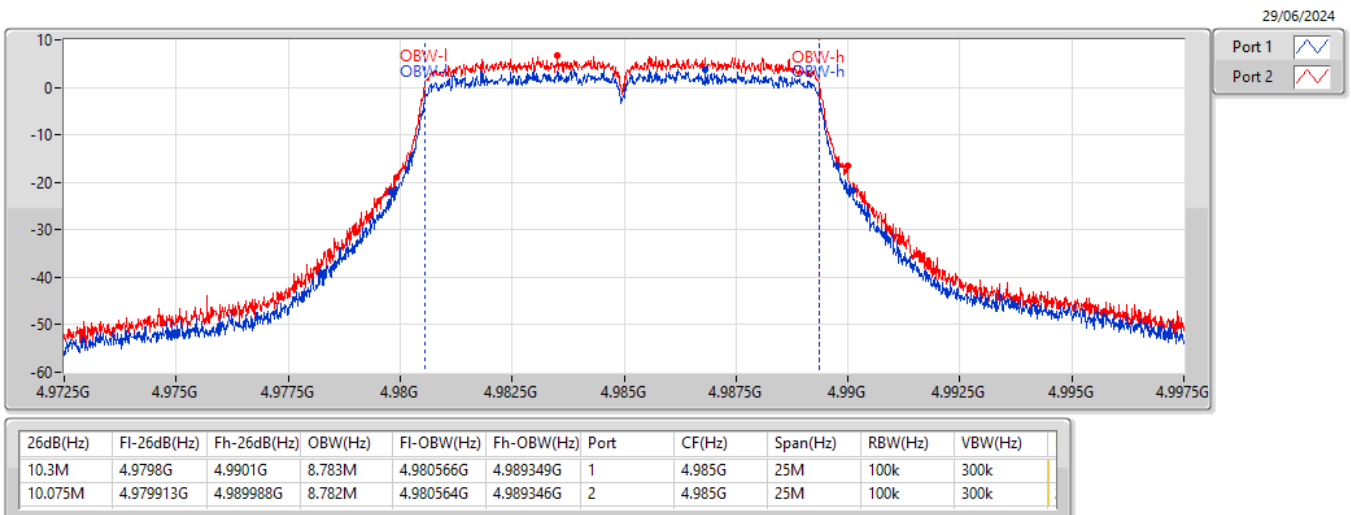
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX

EBW

4985MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
EBW
4945MHz

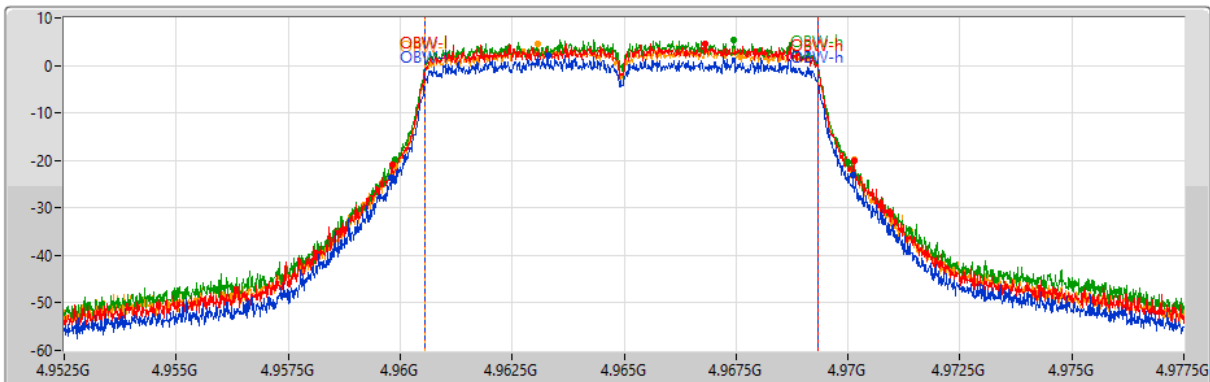
29/06/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.163M	4.93985G	4.950013G	8.772M	4.940564G	4.949336G	1	4.945G	25M	100k	300k
10.225M	4.939863G	4.950088G	8.789M	4.940553G	4.949342G	2	4.945G	25M	100k	300k
10.15M	4.939925G	4.950075G	8.776M	4.940558G	4.949334G	3	4.945G	25M	100k	300k
10.313M	4.939838G	4.95015G	8.784M	4.940551G	4.949336G	4	4.945G	25M	100k	300k

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
EBW
4965MHz

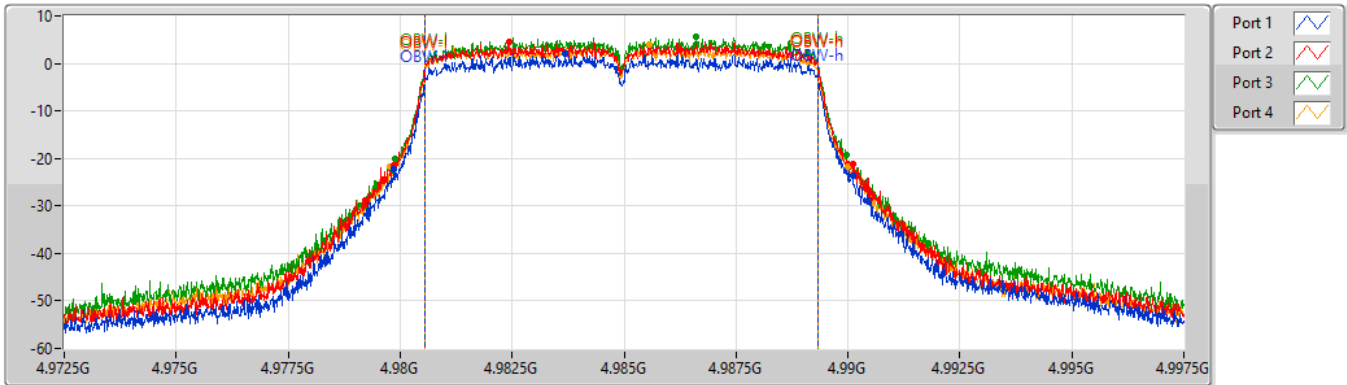
29/06/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.3M	4.959813G	4.970113G	8.784M	4.960552G	4.969336G	1	4.965G	25M	100k	300k
10.313M	4.959825G	4.970138G	8.78M	4.960558G	4.969338G	2	4.965G	25M	100k	300k
10.113M	4.959888G	4.97G	8.777M	4.960557G	4.969335G	3	4.965G	25M	100k	300k
10.263M	4.959875G	4.970138G	8.789M	4.960556G	4.969345G	4	4.965G	25M	100k	300k

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
EBW
4985MHz

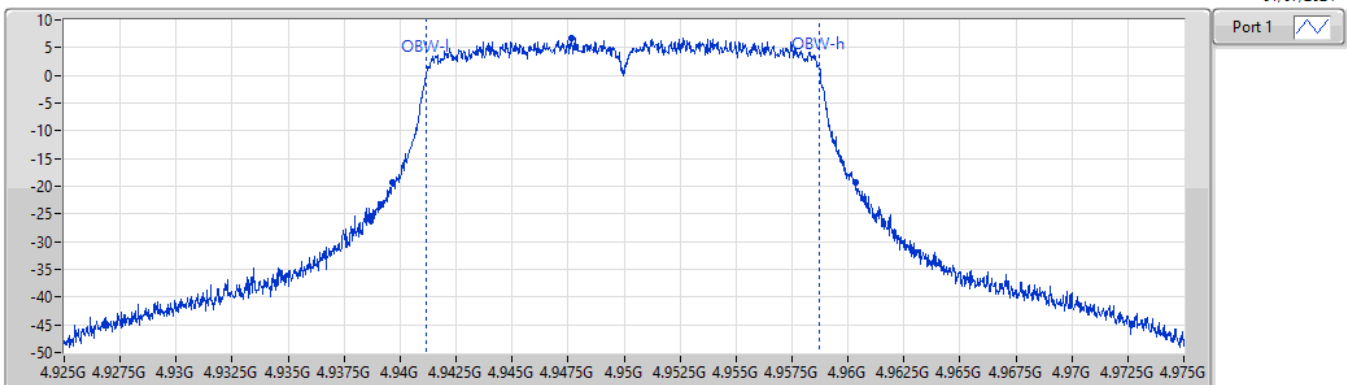
29/06/2024



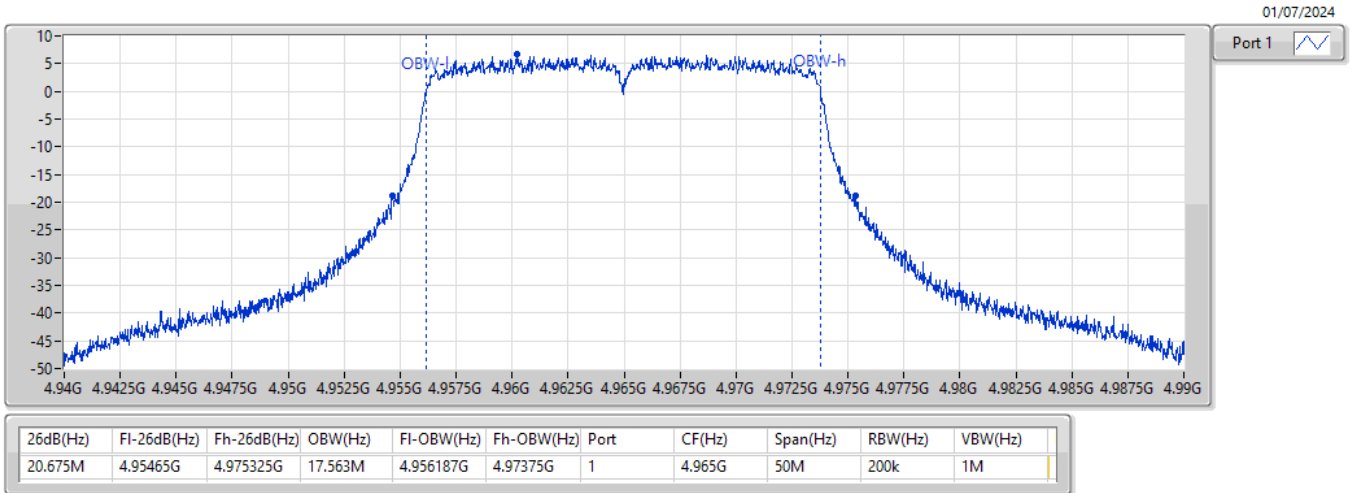
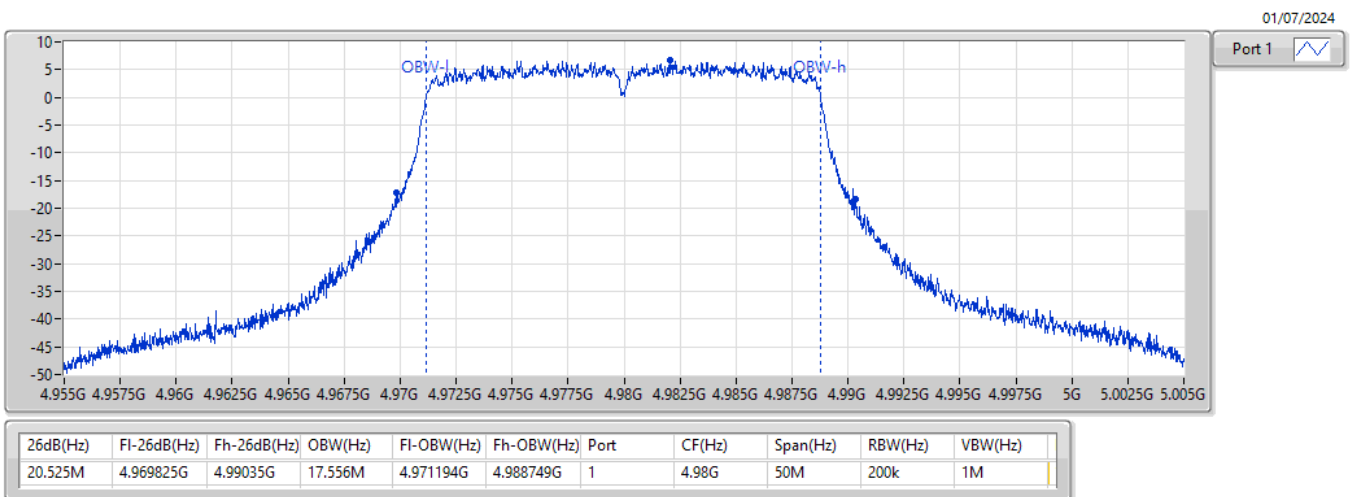
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.238M	4.979863G	4.9901G	8.784M	4.980555G	4.989339G	1	4.985G	25M	100k	300k
10.238M	4.979863G	4.9901G	8.783M	4.980553G	4.989336G	2	4.985G	25M	100k	300k
10.075M	4.979888G	4.989963G	8.764M	4.980567G	4.989331G	3	4.985G	25M	100k	300k
10.225M	4.979763G	4.989988G	8.777M	4.980551G	4.989328G	4	4.985G	25M	100k	300k

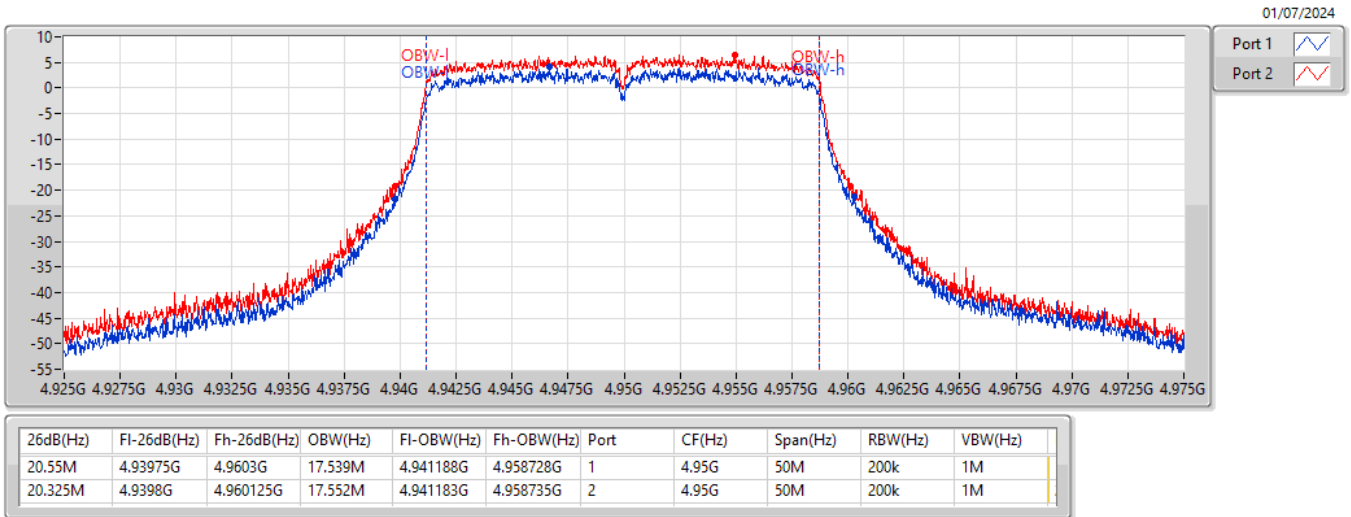
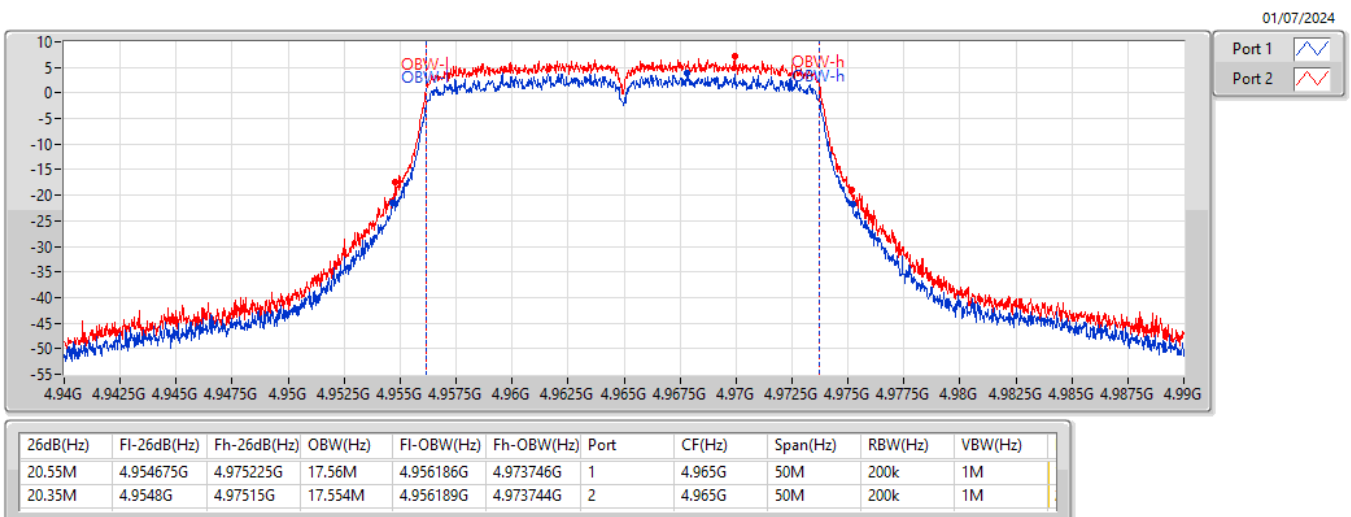
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
EBW
4950MHz

01/07/2024



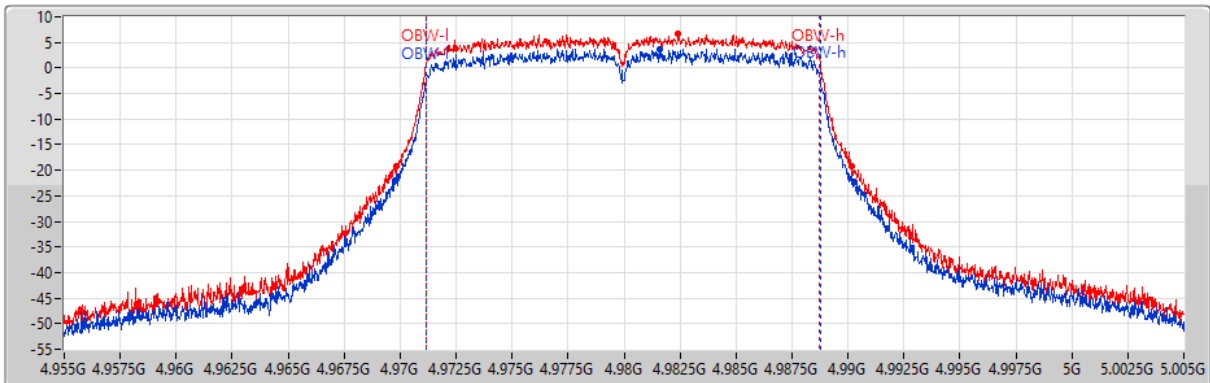
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.65M	4.939675G	4.960325G	17.557M	4.941187G	4.958744G	1	4.95G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
EBW
4965MHz

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
EBW
4980MHz


4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
EBW
4950MHz

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
EBW
4965MHz


4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
EBW
4980MHz

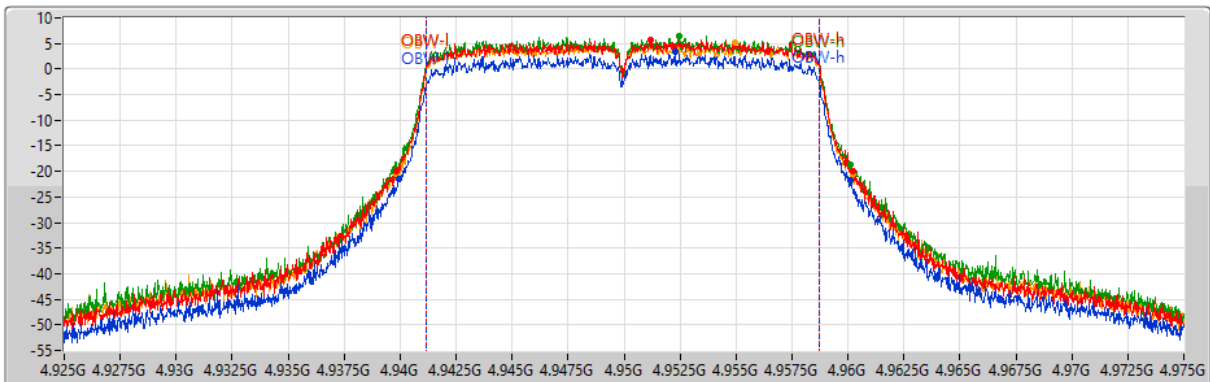
01/07/2024


Port 1
Port 2

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	4.96975G	4.990275G	17.563M	4.971191G	4.988753G	1	4.98G	50M	200k	1M
20.3M	4.96985G	4.99015G	17.552M	4.971192G	4.988744G	2	4.98G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
EBW
4950MHz

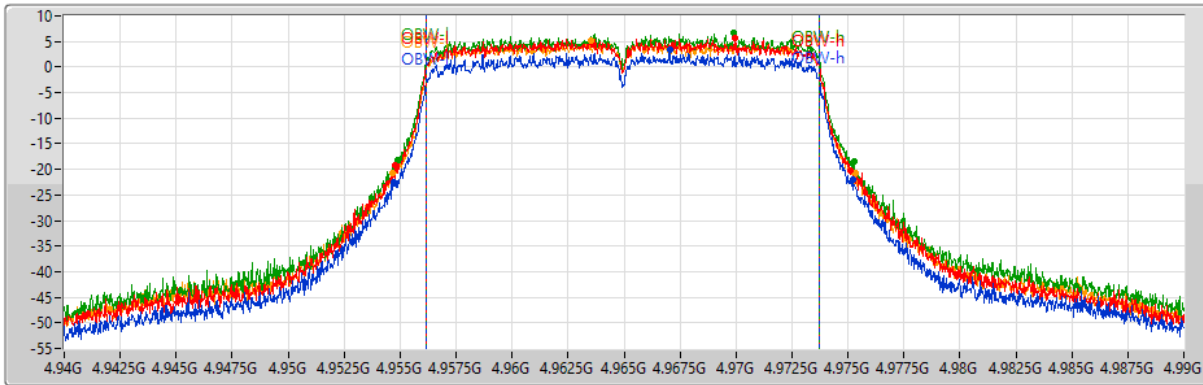
01/07/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.2M	4.939925G	4.960125G	17.534M	4.941185G	4.958719G	1	4.95G	50M	200k	1M
20.35M	4.93985G	4.9602G	17.552M	4.941178G	4.95873G	2	4.95G	50M	200k	1M
20.375M	4.93975G	4.960125G	17.577M	4.941159G	4.958736G	3	4.95G	50M	200k	1M
20.375M	4.939825G	4.9602G	17.548M	4.941179G	4.958726G	4	4.95G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
EBW
4965MHz

01/07/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.525M	4.9547G	4.975225G	17.547M	4.956187G	4.973734G	1	4.965G	50M	200k	1M
20.325M	4.954775G	4.9751G	17.546M	4.956177G	4.973723G	2	4.965G	50M	200k	1M
20.4M	4.954875G	4.975275G	17.578M	4.956168G	4.973746G	3	4.965G	50M	200k	1M
20.7M	4.95465G	4.97535G	17.543M	4.956185G	4.973728G	4	4.965G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
EBW
4980MHz

01/07/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
20.375M	4.9698G	4.990175G	17.537M	4.971195G	4.988732G	1	4.98G	50M	200k	1M
20.7M	4.969875G	4.990575G	17.548M	4.971192G	4.98874G	2	4.98G	50M	200k	1M
20.525M	4.969825G	4.99035G	17.57M	4.97117G	4.98874G	3	4.98G	50M	200k	1M
20.8M	4.969625G	4.990425G	17.552M	4.971174G	4.988727G	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	-	-	-	-	-
11j,VHT10_10MHz_Nss1_1TX	11.125M	8.918M	8M92D1D	10.938M	8.899M
11j,VHT10_10MHz_Nss1_2TX	10.9M	8.904M	8M90D1D	10.663M	8.896M
11j,VHT10_10MHz_Nss1_4TX	10.913M	8.907M	8M91D1D	10.65M	8.89M
11j,VHT20_20MHz_Nss1_1TX	22.65M	17.826M	17M8D1D	21.975M	17.786M
11j,VHT20_20MHz_Nss1_2TX	21.65M	17.756M	17M8D1D	21.075M	17.737M
11j,VHT20_20MHz_Nss1_4TX	22M	17.768M	17M8D1D	21.075M	17.713M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

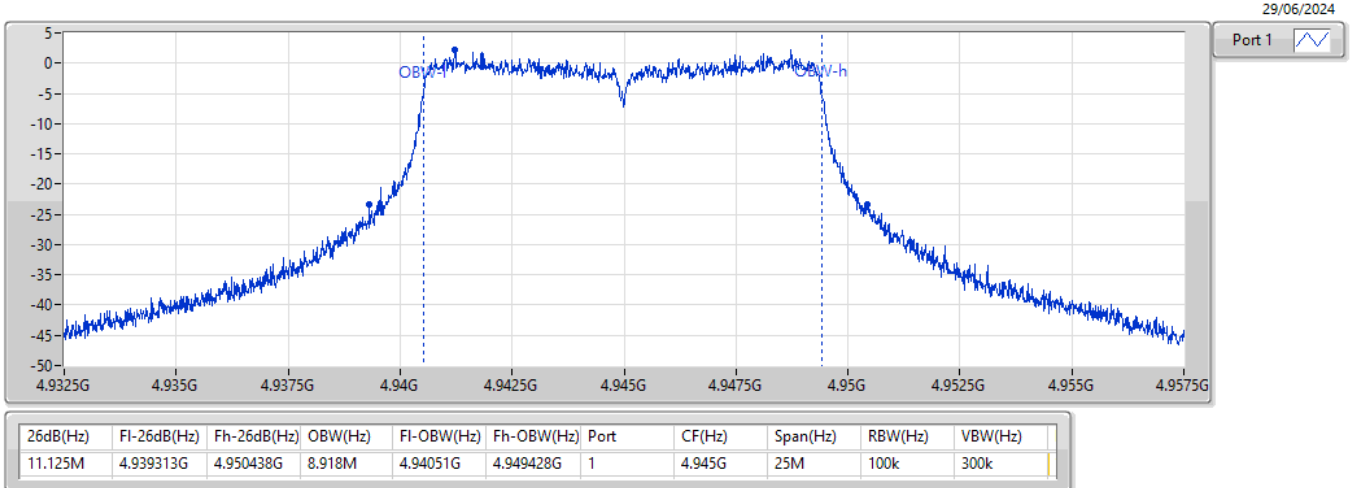
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	11.125M	8.918M	-	-	-	-	-	-
4965MHz	Pass	Inf	10.938M	8.915M	-	-	-	-	-	-
4985MHz	Pass	Inf	10.963M	8.899M	-	-	-	-	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.825M	8.904M	10.9M	8.904M	-	-	-	-
4965MHz	Pass	Inf	10.775M	8.9M	10.663M	8.896M	-	-	-	-
4985MHz	Pass	Inf	10.663M	8.901M	10.738M	8.9M	-	-	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	Inf	10.813M	8.899M	10.775M	8.907M	10.65M	8.895M	10.763M	8.892M
4965MHz	Pass	Inf	10.75M	8.9M	10.7M	8.898M	10.738M	8.892M	10.863M	8.891M
4985MHz	Pass	Inf	10.65M	8.901M	10.775M	8.896M	10.763M	8.899M	10.913M	8.89M
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	21.975M	17.786M	-	-	-	-	-	-
4965MHz	Pass	Inf	22.65M	17.826M	-	-	-	-	-	-
4980MHz	Pass	Inf	22.025M	17.817M	-	-	-	-	-	-
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	21.075M	17.747M	21.425M	17.752M	-	-	-	-
4965MHz	Pass	Inf	21.5M	17.74M	21.15M	17.756M	-	-	-	-
4980MHz	Pass	Inf	21.65M	17.737M	21.2M	17.743M	-	-	-	-
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	Inf	21.075M	17.759M	21.525M	17.768M	22M	17.756M	21.375M	17.738M
4965MHz	Pass	Inf	21.075M	17.758M	21.275M	17.75M	21.175M	17.76M	21.45M	17.746M
4980MHz	Pass	Inf	21.175M	17.745M	21.45M	17.734M	21.25M	17.752M	21.45M	17.713M

Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

EBW

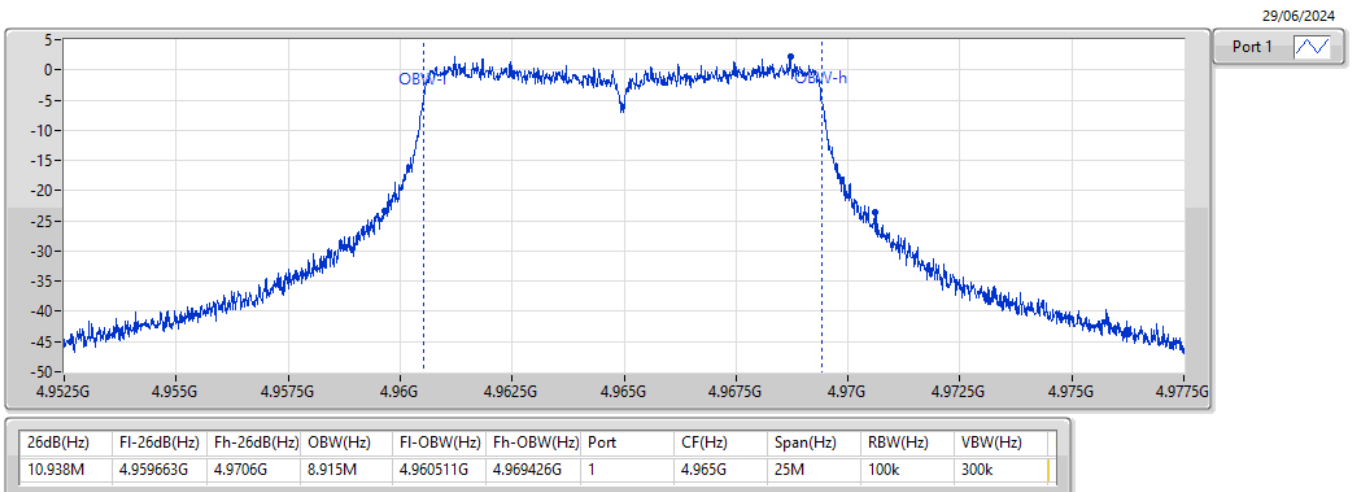
4945MHz

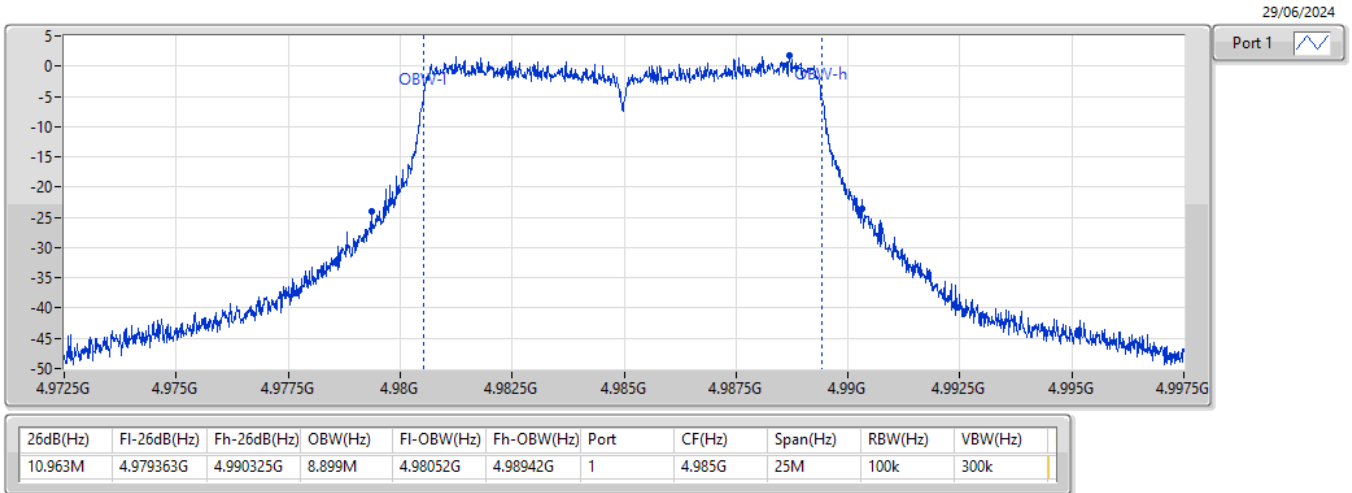
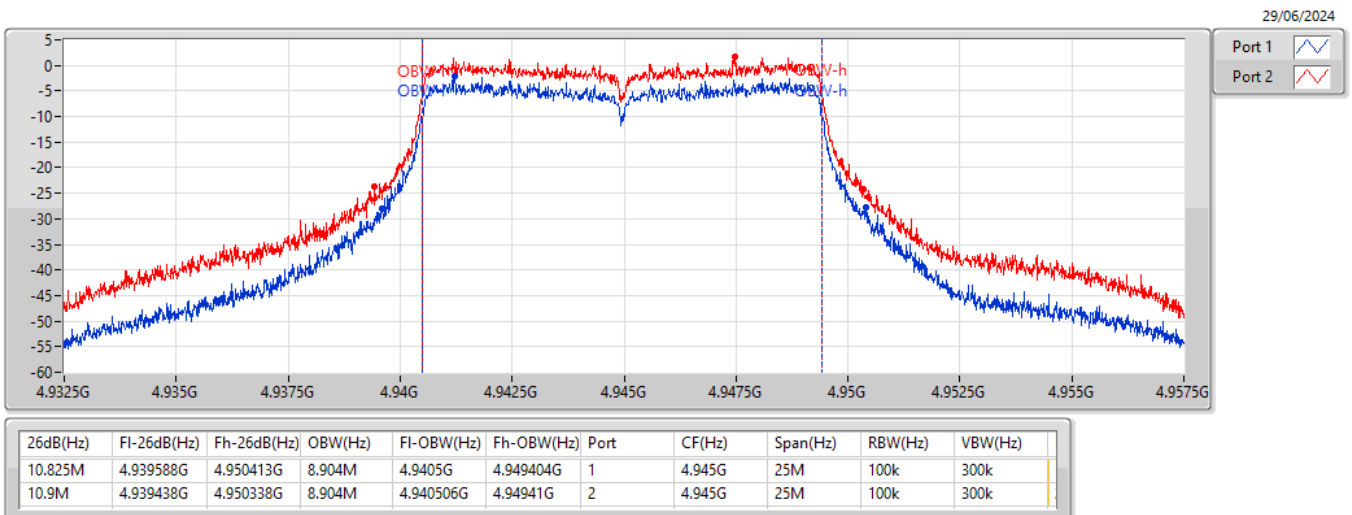


4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

EBW

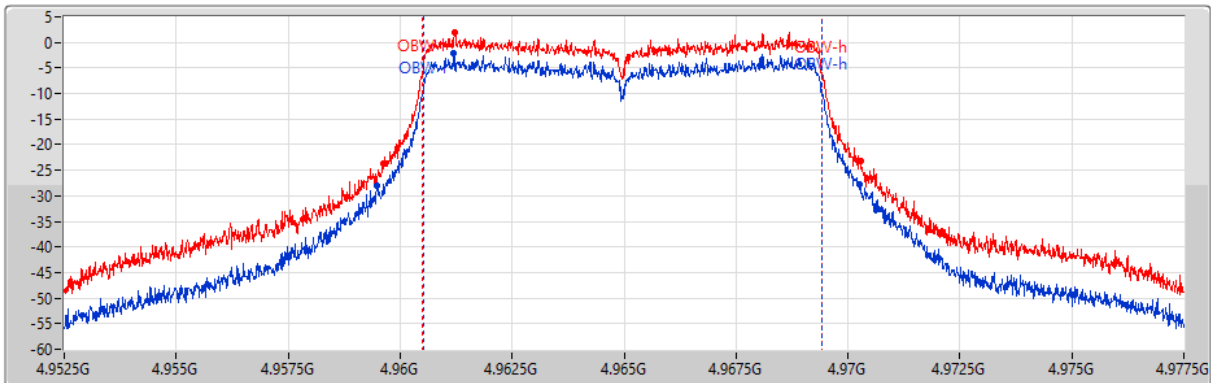
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
EBW
4985MHz

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
EBW
4945MHz


4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
EBW
4965MHz

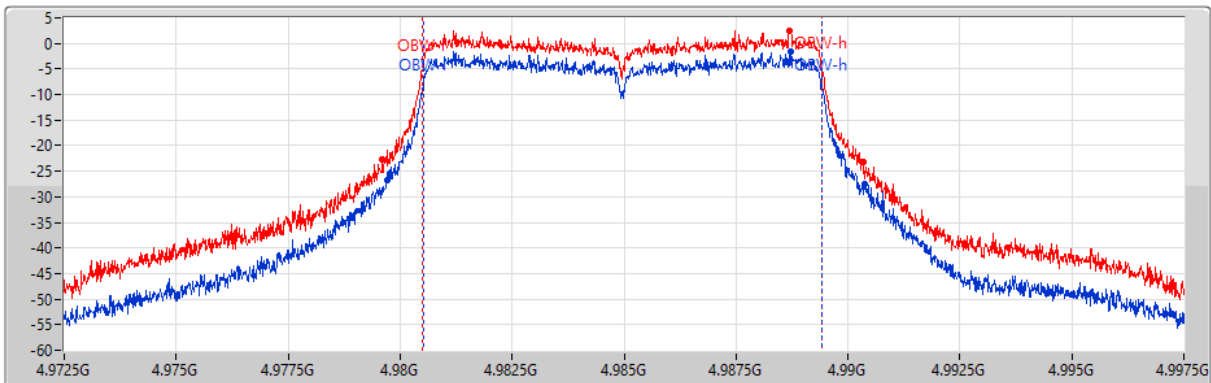
29/06/2024


Port 1
Port 2

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)
10.775M	4.959488G	4.970263G	8.9M	4.96051G	4.96941G	1	4.965G	25M	100k	300k
10.663M	4.959625G	4.970288G	8.896M	4.960508G	4.969405G	2	4.965G	25M	100k	300k

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
EBW
4985MHz

29/06/2024


Port 1
Port 2

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)
10.663M	4.9797G	4.990363G	8.901M	4.980512G	4.989413G	1	4.985G	25M	100k	300k
10.738M	4.9796G	4.990338G	8.9M	4.980507G	4.989407G	2	4.985G	25M	100k	300k

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
EBW
4945MHz

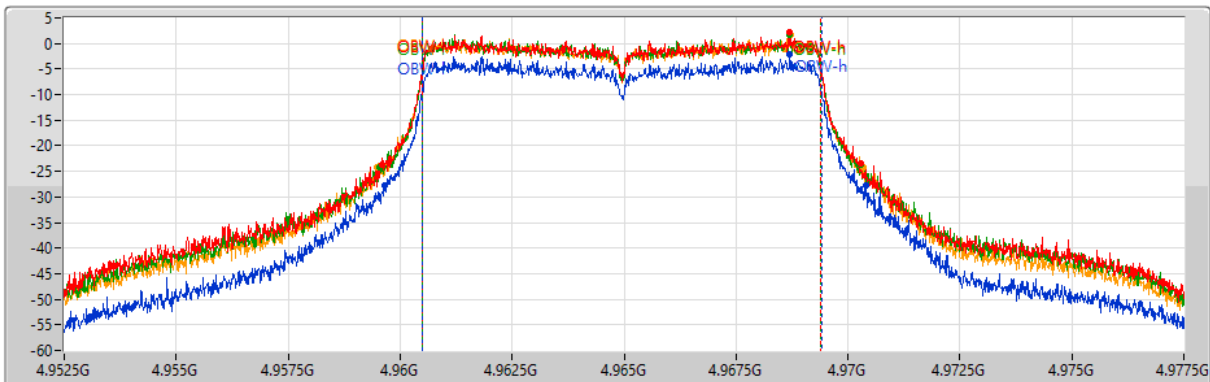
29/06/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.813M	4.939438G	4.95025G	8.899M	4.940505G	4.949403G	1	4.945G	25M	100k	300k
10.775M	4.939613G	4.950388G	8.907M	4.940498G	4.949404G	2	4.945G	25M	100k	300k
10.65M	4.939638G	4.950288G	8.895M	4.940505G	4.9494G	3	4.945G	25M	100k	300k
10.763M	4.939538G	4.9503G	8.892M	4.940505G	4.949397G	4	4.945G	25M	100k	300k

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
EBW
4965MHz

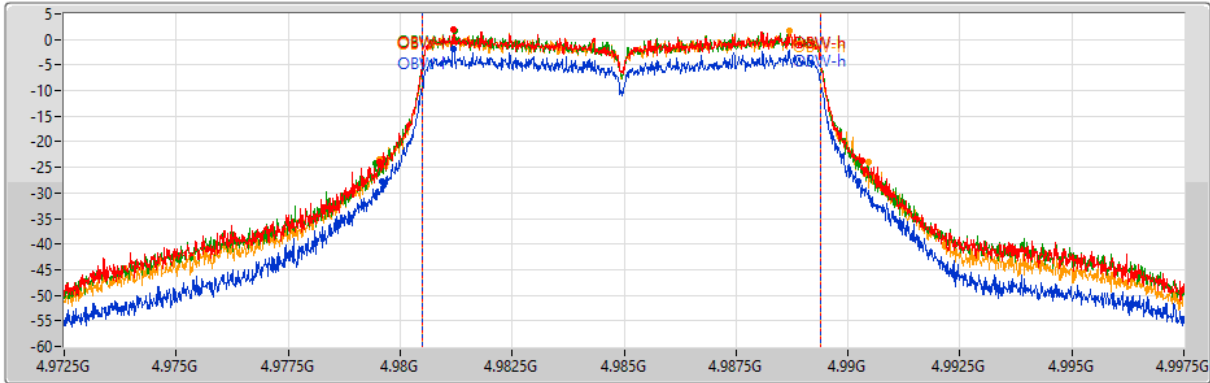
29/06/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.75M	4.95965G	4.9704G	8.9M	4.960505G	4.969405G	1	4.965G	25M	100k	300k
10.7M	4.959588G	4.970288G	8.898M	4.9605G	4.969398G	2	4.965G	25M	100k	300k
10.738M	4.959538G	4.970275G	8.892M	4.960507G	4.969399G	3	4.965G	25M	100k	300k
10.863M	4.959488G	4.97035G	8.891M	4.960503G	4.969394G	4	4.965G	25M	100k	300k

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
EBW
4985MHz

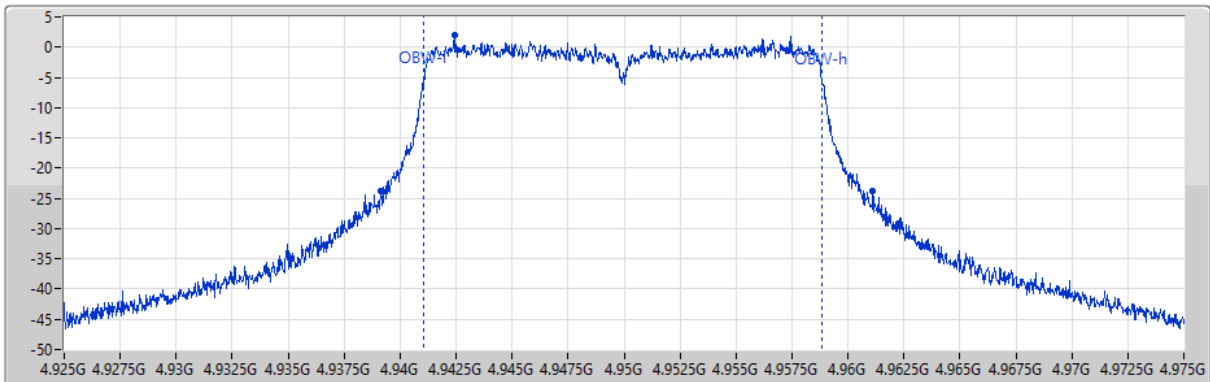
29/06/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
10.65M	4.979588G	4.990238G	8.901M	4.980499G	4.9894G	1	4.985G	25M	100k	300k
10.775M	4.979538G	4.990313G	8.896M	4.980502G	4.989398G	2	4.985G	25M	100k	300k
10.763M	4.979463G	4.990225G	8.899M	4.980501G	4.9894G	3	4.985G	25M	100k	300k
10.913M	4.979538G	4.99045G	8.89M	4.980509G	4.989399G	4	4.985G	25M	100k	300k

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
EBW
4950MHz

29/06/2024



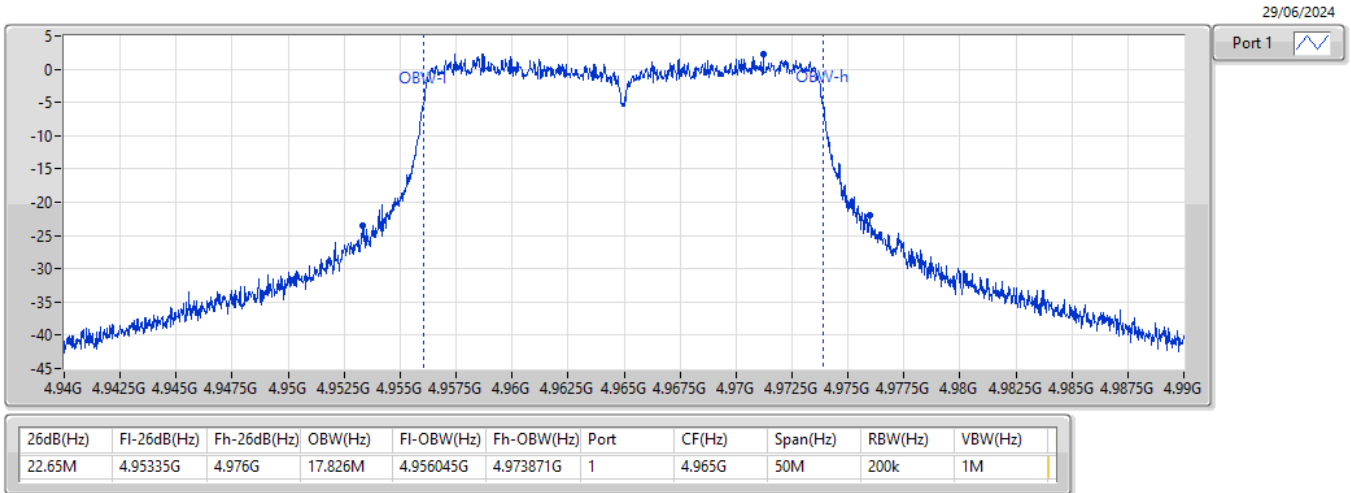
Port 1

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
21.975M	4.939125G	4.9611G	17.786M	4.941062G	4.958848G	1	4.95G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX

EBW

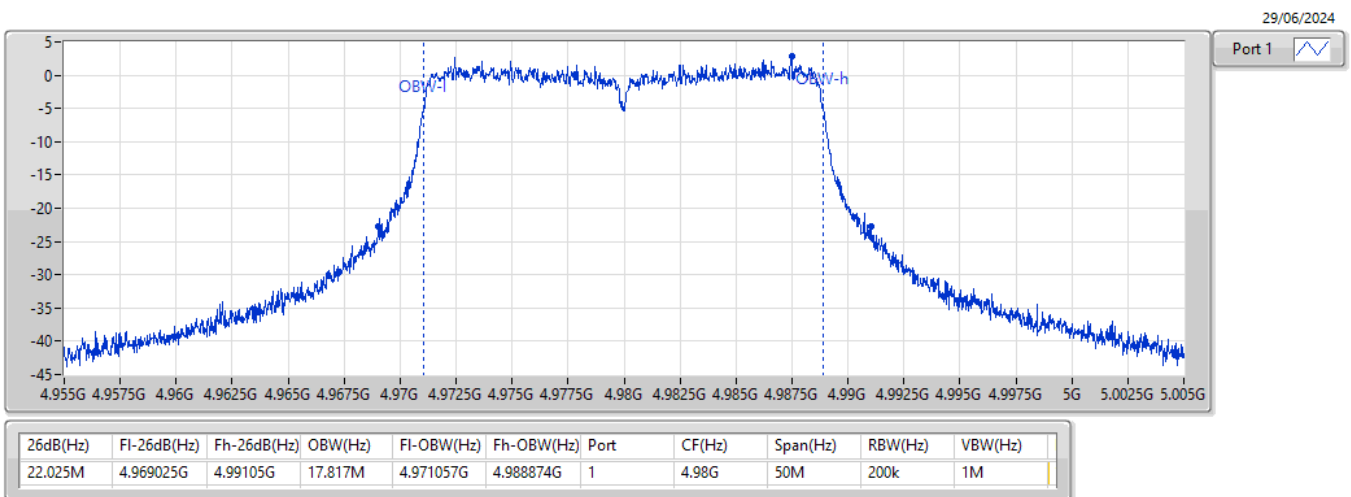
4965MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX

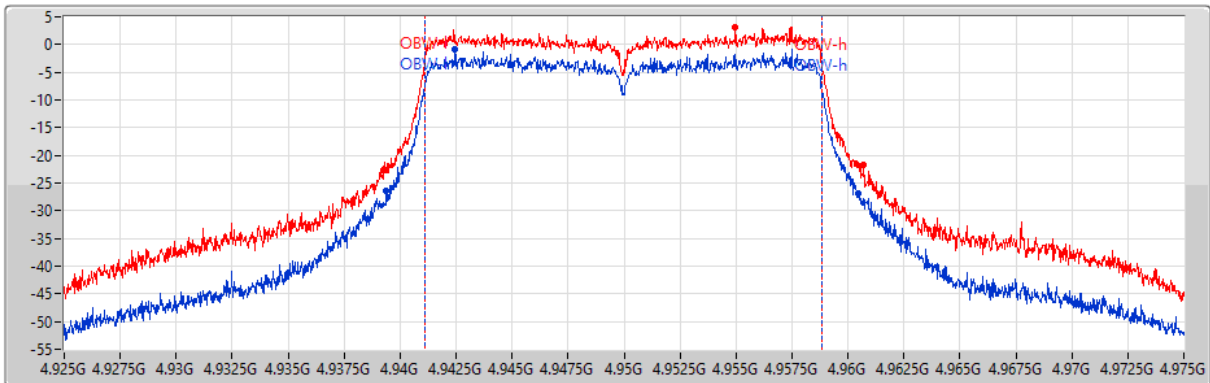
EBW

4980MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
EBW
4950MHz

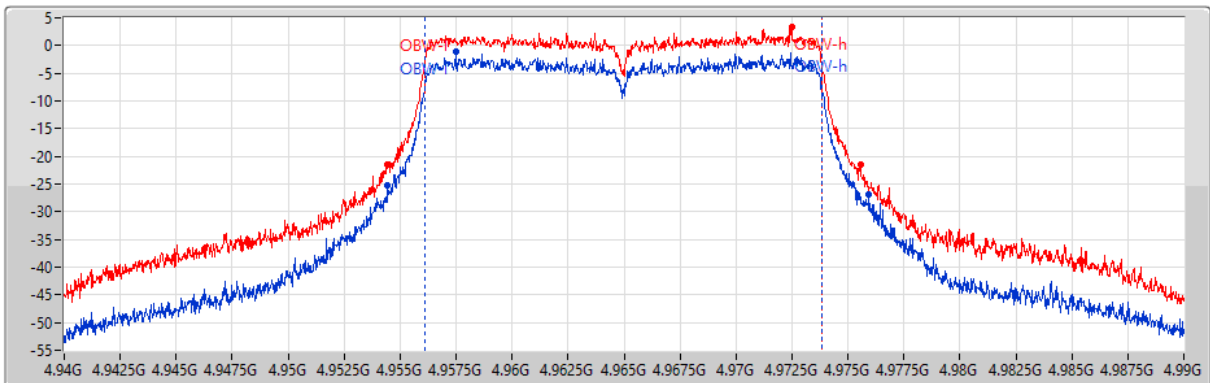
29/06/2024


Port 1
Port 2

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	4.939375G	4.96045G	17.747M	4.941083G	4.95883G	1	4.95G	50M	200k	1M
21.425M	4.939275G	4.9607G	17.752M	4.941085G	4.958837G	2	4.95G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
EBW
4965MHz

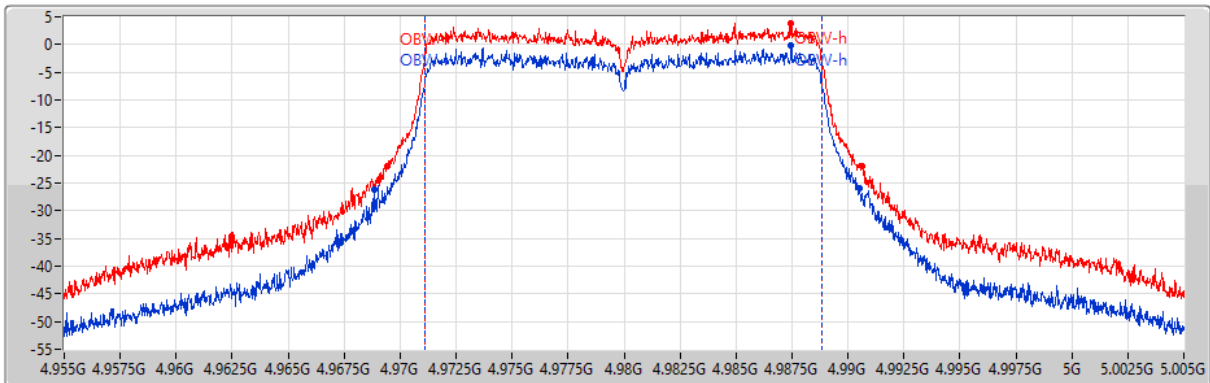
29/06/2024


Port 1
Port 2

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)
21.5M	4.95445G	4.97595G	17.74M	4.95609G	4.973831G	1	4.965G	50M	200k	1M
21.15M	4.9544G	4.97555G	17.756M	4.956083G	4.973839G	2	4.965G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX
EBW
4980MHz

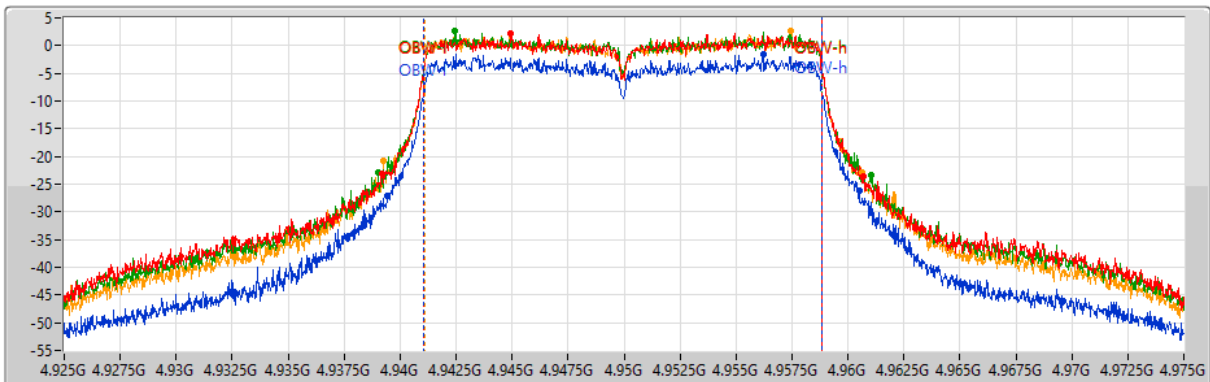
29/06/2024


Port 1
Port 2

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)
21.65M	4.968875G	4.990525G	17.737M	4.971096G	4.988833G	1	4.98G	50M	200k	1M
21.2M	4.969425G	4.990625G	17.743M	4.971088G	4.988831G	2	4.98G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
EBW
4950MHz

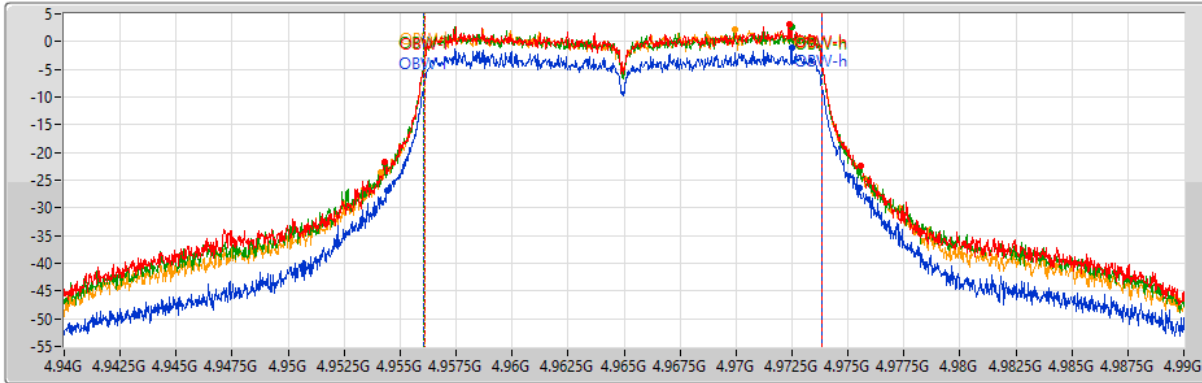
29/06/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
21.075M	4.939425G	4.9605G	17.759M	4.941074G	4.958833G	1	4.95G	50M	200k	1M
21.525M	4.939175G	4.9607G	17.768M	4.941071G	4.958838G	2	4.95G	50M	200k	1M
22M	4.939025G	4.961025G	17.756M	4.941073G	4.958829G	3	4.95G	50M	200k	1M
21.375M	4.93925G	4.960625G	17.738M	4.941086G	4.958824G	4	4.95G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
EBW
4965MHz

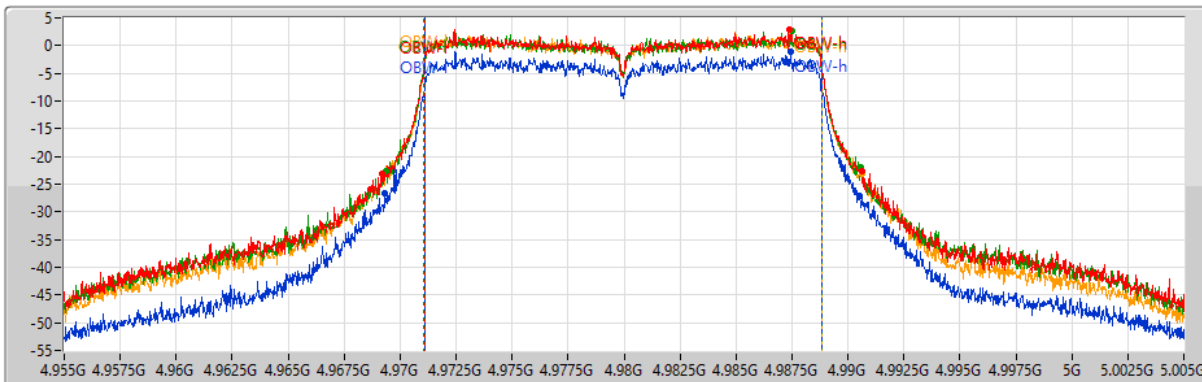
29/06/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
21.075M	4.954425G	4.9755G	17.758M	4.956074G	4.973832G	1	4.965G	50M	200k	1M
21.275M	4.9543G	4.975575G	17.75M	4.95608G	4.97383G	2	4.965G	50M	200k	1M
21.175M	4.954325G	4.9755G	17.76M	4.956066G	4.973826G	3	4.965G	50M	200k	1M
21.45M	4.954125G	4.975575G	17.746M	4.956084G	4.973829G	4	4.965G	50M	200k	1M

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
EBW
4980MHz

29/06/2024


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
21.175M	4.969325G	4.9905G	17.745M	4.97109G	4.988834G	1	4.98G	50M	200k	1M
21.45M	4.969175G	4.990625G	17.734M	4.971086G	4.98882G	2	4.98G	50M	200k	1M
21.25M	4.96935G	4.9906G	17.752M	4.97107G	4.988822G	3	4.98G	50M	200k	1M
21.45M	4.969175G	4.990625G	17.713M	4.971099G	4.988812G	4	4.98G	50M	200k	1M

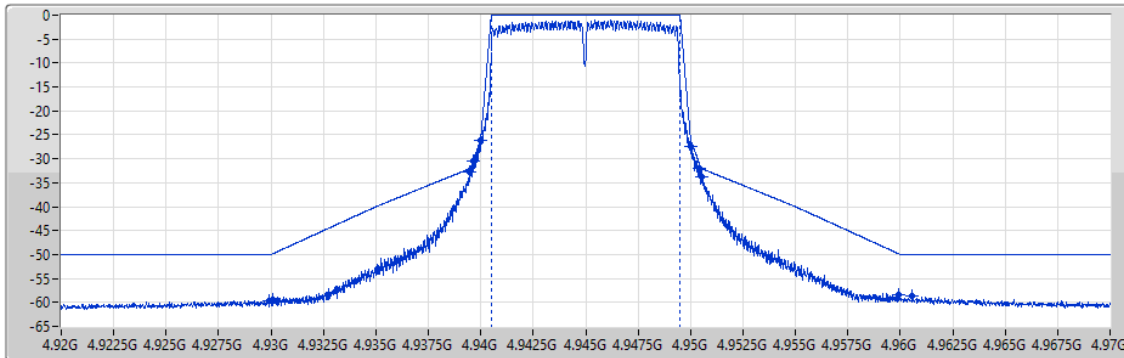
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

Mask

4945MHz

01/07/2024

Port 1



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	4.92988G	-59.60	-50.00	-9.60	1	-	-
4.93G	4.935G	100k	30k	RMS	4.93008G	-59.36	-49.84	-9.52	1	-	-
4.935G	4.9395G	100k	30k	RMS	4.93949G	-32.87	-32.02	-0.85	1	-	-
4.9395G	4.94G	100k	30k	RMS	4.93965G	-30.35	-30.20	-0.15	1	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-26.10	-26.00	-0.10	1	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	16.83	Inf	-Inf	1	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.95G	-27.51	-25.74	-1.77	1	-	-
4.95G	4.9505G	100k	30k	RMS	4.95044G	-31.87	-31.22	-0.65	1	-	-
4.9505G	4.955G	100k	30k	RMS	4.95051G	-33.72	-32.02	-1.70	1	-	-
4.955G	4.96G	100k	30k	RMS	4.95991G	-58.42	-49.82	-8.60	1	-	-
4.96G	4.97G	100k	30k	RMS	4.96058G	-58.71	-50.00	-8.71	1	-	-

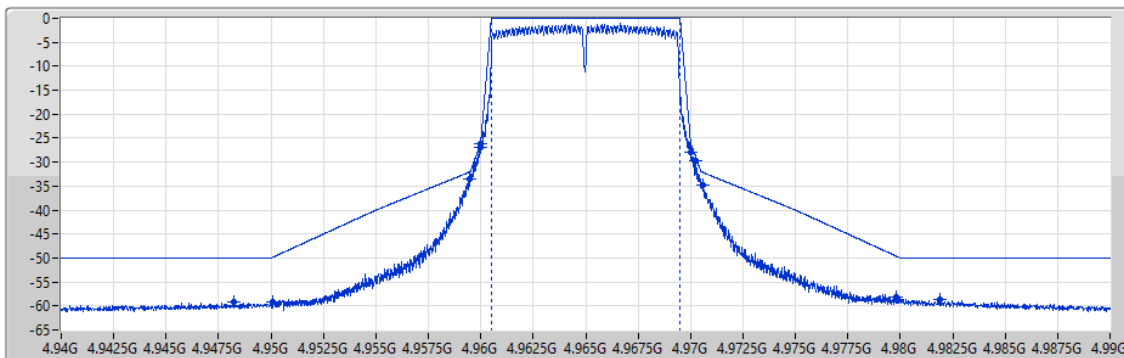
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

Mask

4965MHz

01/07/2024

Port 1



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	4.94822G	-59.21	-50.00	-9.21	1	-	-
4.95G	4.955G	100k	30k	RMS	4.95008G	-59.26	-49.84	-9.42	1	-	-
4.955G	4.9595G	100k	30k	RMS	4.95949G	-33.51	-32.02	-1.49	1	-	-
4.9595G	4.96G	100k	30k	RMS	4.96G	-26.27	-26.06	-0.21	1	-	-
4.96G	4.9605G	100k	30k	RMS	4.96G	-26.87	-26.00	-0.87	1	-	-
4.9605G	4.9695G	100k	30k	RMS	4.965G	16.68	Inf	-Inf	1	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.97G	-27.98	-26.00	-1.98	1	-	-
4.97G	4.9705G	100k	30k	RMS	4.97026G	-29.68	-29.12	-0.56	1	-	-
4.9705G	4.975G	100k	30k	RMS	4.97061G	-34.88	-32.19	-2.69	1	-	-
4.975G	4.98G	100k	30k	RMS	4.97982G	-58.16	-49.64	-8.52	1	-	-
4.98G	4.99G	100k	30k	RMS	4.98186G	-58.69	-50.00	-8.69	1	-	-

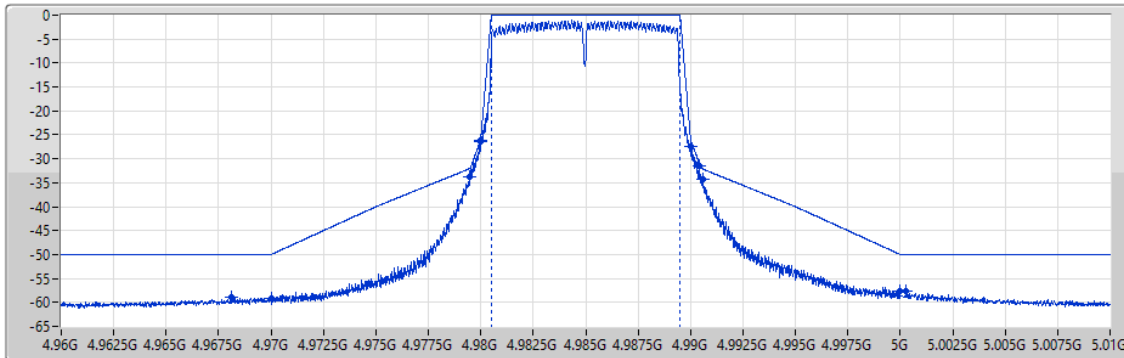
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

Mask

4985MHz

01/07/2024

Port 1



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	4.9681G	-58.98	-50.00	-8.98	1	-	-
4.97G	4.975G	100k	30k	RMS	4.97001G	-59.09	-49.98	-9.11	1	-	-
4.975G	4.9795G	100k	30k	RMS	4.97949G	-33.80	-32.02	-1.78	1	-	-
4.9795G	4.98G	100k	30k	RMS	4.97999G	-26.29	-26.12	-0.17	1	-	-
4.98G	4.9805G	100k	30k	RMS	4.98001G	-26.21	-25.48	-0.73	1	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	16.76	Inf	-Inf	1	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.99G	-27.33	-26.00	-1.33	1	-	-
4.99G	4.9905G	100k	30k	RMS	4.99039G	-31.42	-30.68	-0.74	1	-	-
4.9905G	4.995G	100k	30k	RMS	4.99057G	-34.30	-32.13	-2.17	1	-	-
4.995G	5G	100k	30k	RMS	4.99998G	-57.65	-49.96	-7.69	1	-	-
5G	5.01G	100k	30k	RMS	5.00028G	-57.70	-50.00	-7.70	1	-	-

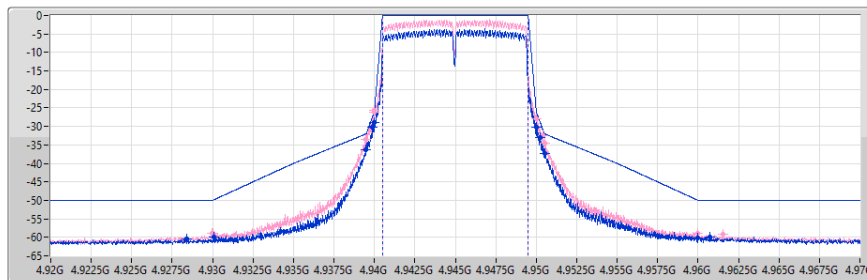
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX

Mask

4945MHz

01/07/2024

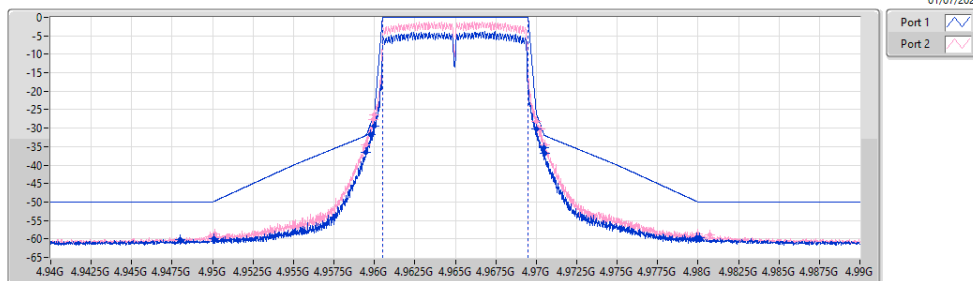
Port 1
Port 2



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	4.9284G	-60.38	-50.00	-10.38	1	-	-
4.93G	4.935G	100k	30k	RMS	4.93006G	-59.98	-49.88	-10.10	1	-	-
4.935G	4.9395G	100k	30k	RMS	4.93949G	-36.33	-32.02	-4.31	1	-	-
4.9395G	4.94G	100k	30k	RMS	4.93989G	-30.19	-27.38	-2.81	1	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-29.03	-26.00	-3.03	1	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	14.12	Inf	-Inf	1	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.95G	-30.34	-26.00	-4.34	1	-	-
4.95G	4.9505G	100k	30k	RMS	4.95026G	-33.03	-29.06	-3.97	1	-	-
4.9505G	4.955G	100k	30k	RMS	4.95052G	-37.45	-32.03	-5.42	1	-	-
4.955G	4.96G	100k	30k	RMS	4.95997G	-60.06	-49.94	-10.12	1	-	-
4.96G	4.97G	100k	30k	RMS	4.96072G	-59.97	-50.00	-9.97	1	-	-
4.97G	4.98G	100k	30k	RMS	4.97996G	-59.01	-50.00	-9.01	2	-	-
4.98G	4.99G	100k	30k	RMS	4.99002G	-59.00	-49.96	-9.04	2	-	-
4.99G	4.995G	100k	30k	RMS	4.99947G	-33.54	-32.05	-1.49	2	-	-
4.995G	5G	100k	30k	RMS	4.99947G	-33.54	-32.05	-1.49	2	-	-
5G	5.01G	100k	30k	RMS	5.00001G	-25.56	-25.48	-0.08	2	-	-
5.01G	5.02G	100k	30k	RMS	5.0156G	-59.27	-50.00	-9.27	2	-	-

4.94-4.99GHz_11j_VHT10_10MHz_Nss1_2TX
4965MHz

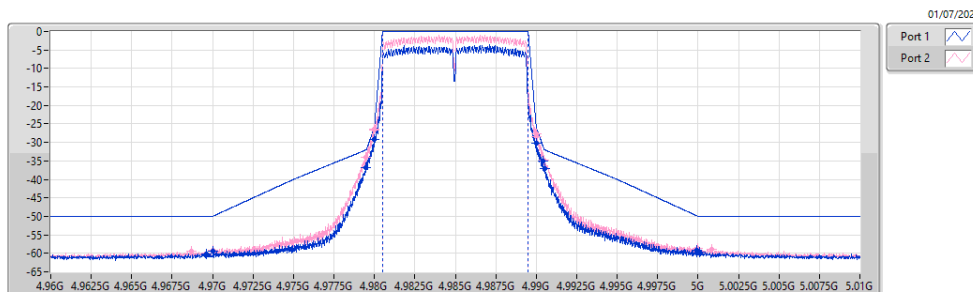
Mask



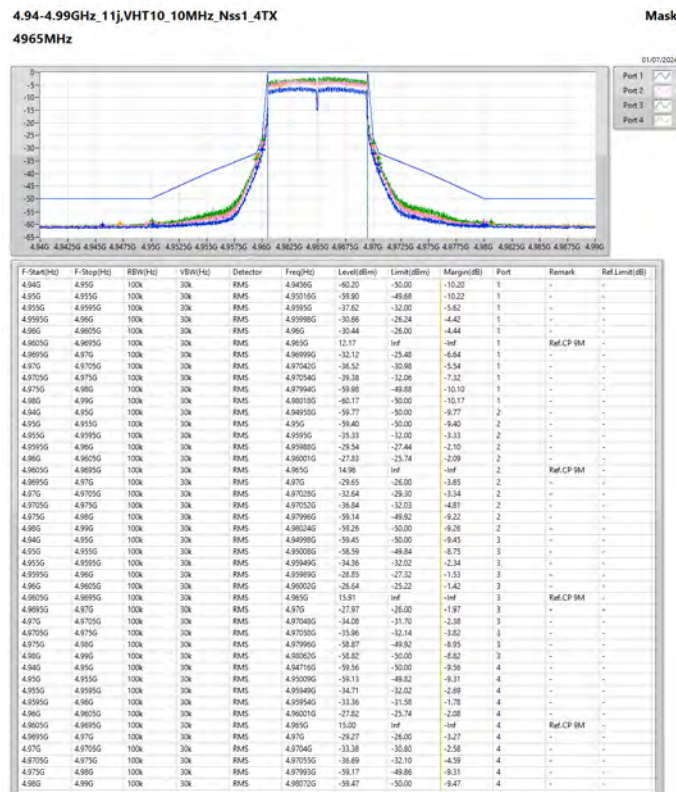
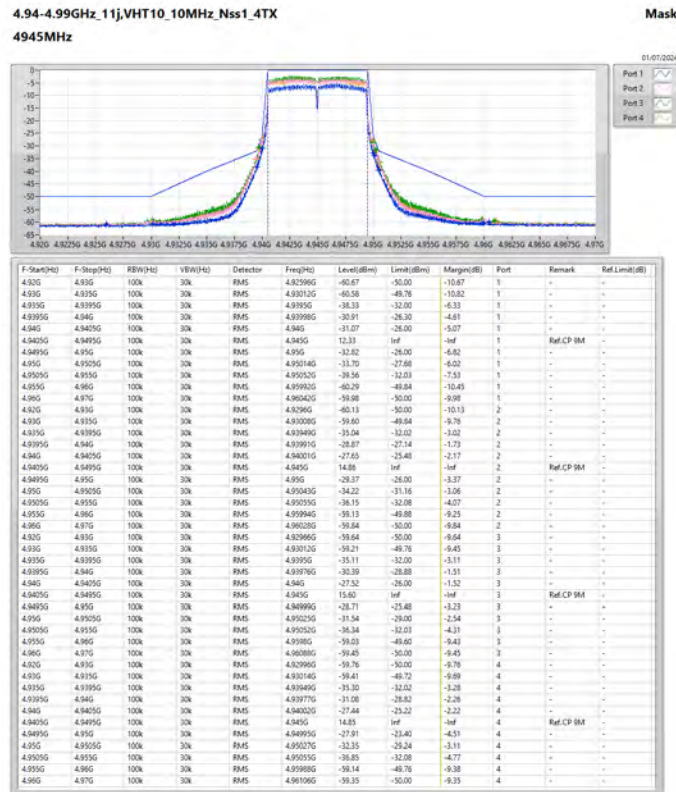
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.94G	4.95G	100k	30k	RMS	4.948G	-60.16	-50.00	-10.16	1	-	-
4.95G	4.955G	100k	30k	RMS	4.95011G	-59.94	-49.78	-10.16	1	-	-
4.955G	4.9595G	100k	30k	RMS	4.95949G	-36.57	-32.02	-4.55	1	-	-
4.9595G	4.96G	100k	30k	RMS	4.95978G	-31.79	-28.70	-3.09	1	-	-
4.96G	4.9605G	100k	30k	RMS	4.96001G	-29.50	-25.74	-3.76	1	-	-
4.9605G	4.9695G	100k	30k	RMS	4.965G	13.97	Inf	-Inf	1	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.97G	-30.18	-25.74	-4.44	1	-	-
4.97G	4.9705G	100k	30k	RMS	4.97046G	-35.19	-31.46	-3.73	1	-	-
4.9705G	4.975G	100k	30k	RMS	4.97051G	-36.70	-32.02	-4.68	1	-	-
4.975G	4.98G	100k	30k	RMS	4.97989G	-59.64	-49.78	-9.86	1	-	-
4.98G	4.99G	100k	30k	RMS	4.9801G	-59.78	-50.00	-9.78	1	-	-
4.94G	4.95G	100k	30k	RMS	4.94986G	-59.38	-50.00	-9.38	2	-	-
4.95G	4.955G	100k	30k	RMS	4.95014G	-58.67	-49.72	-8.95	2	-	-
4.955G	4.9595G	100k	30k	RMS	4.95946G	-34.44	-32.06	-2.38	2	-	-
4.9595G	4.96G	100k	30k	RMS	4.95991G	-27.63	-27.08	-0.55	2	-	-
4.96G	4.9605G	100k	30k	RMS	4.96001G	-26.33	-25.74	-0.59	2	-	-
4.9605G	4.9695G	100k	30k	RMS	4.965G	16.66	Inf	-Inf	2	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.97G	-28.16	-26.00	-2.16	2	-	-
4.97G	4.9705G	100k	30k	RMS	4.97026G	-30.12	-29.12	-1.00	2	-	-
4.9705G	4.975G	100k	30k	RMS	4.97052G	-34.60	-32.03	-2.57	2	-	-
4.975G	4.98G	100k	30k	RMS	4.97988G	-58.62	-49.96	-8.66	2	-	-
4.98G	4.99G	100k	30k	RMS	4.98072G	-58.98	-50.00	-8.98	2	-	-

4.94-4.99GHz_11j_VHT10_10MHz_Nss1_2TX
4985MHz

Mask



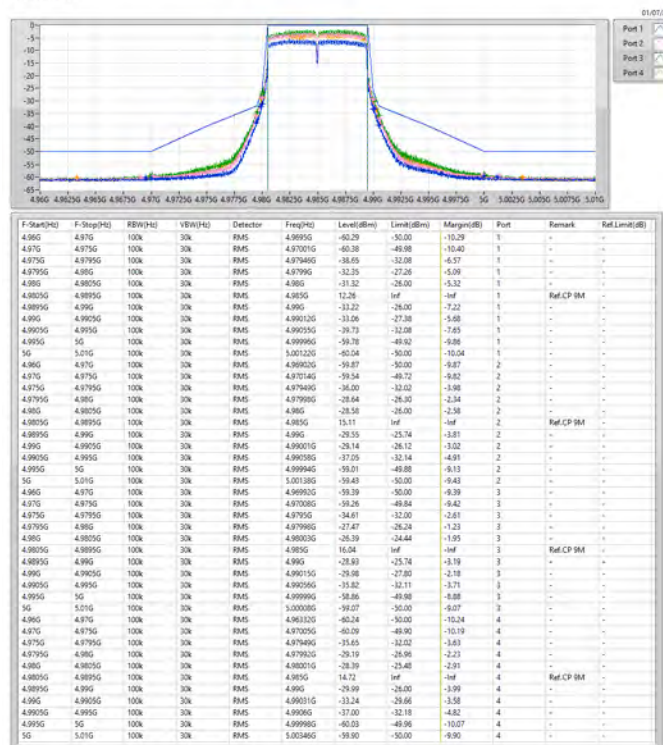
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.96G	4.97G	100k	30k	RMS	4.96962G	-60.15	-50.00	-10.15	1	-	-
4.97G	4.975G	100k	30k	RMS	4.97001G	-59.38	-49.98	-9.40	1	-	-
4.975G	4.9795G	100k	30k	RMS	4.97949G	-36.93	-32.02	-4.91	1	-	-
4.9795G	4.98G	100k	30k	RMS	4.98G	-29.32	-26.06	-3.26	1	-	-
4.98G	4.9805G	100k	30k	RMS	4.98G	-29.08	-26.00	-3.08	1	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	14.00	Inf	-Inf	1	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.98999G	-30.09	-25.22	-4.87	1	-	-
4.99G	4.9905G	100k	30k	RMS	4.9904G	-34.99	-30.80	-4.19	1	-	-
4.9905G	4.995G	100k	30k	RMS	4.99054G	-37.01	-32.06	-4.95	1	-	-
4.995G	5G	100k	30k	RMS	4.99992G	-59.22	-49.84	-9.38	1	-	-
5G	5.01G	100k	30k	RMS	5.00008G	-59.67	-50.00	-9.67	1	-	-
4.96G	4.97G	100k	30k	RMS	4.9687G	-59.33	-50.00	-9.33	2	-	-
4.97G	4.975G	100k	30k	RMS	4.97G	-59.15	-50.00	-9.15	2	-	-
4.975G	4.9795G	100k	30k	RMS	4.97948G	-34.15	-32.03	-2.12	2	-	-
4.9795G	4.98G	100k	30k	RMS	4.98G	-26.45	-26.00	-0.45	2	-	-
4.98G	4.9805G	100k	30k	RMS	4.98G	-26.56	-26.00	-0.56	2	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	16.76	Inf	-Inf	2	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.99G	-28.37	-26.00	-2.37	2	-	-
4.99G	4.9905G	100k	30k	RMS	4.99001G	-27.64	-26.12	-1.52	2	-	-
4.9905G	4.995G	100k	30k	RMS	4.9905G	-34.74	-32.00	-2.74	2	-	-
4.995G	5G	100k	30k	RMS	4.99996G	-58.67	-49.92	-8.75	2	-	-
5G	5.01G	100k	30k	RMS	5.00086G	-58.94	-50.00	-8.94	2	-	-



4.94-4.99GHz_11j_VHT10_10MHz_Nss1_4TX

Mask

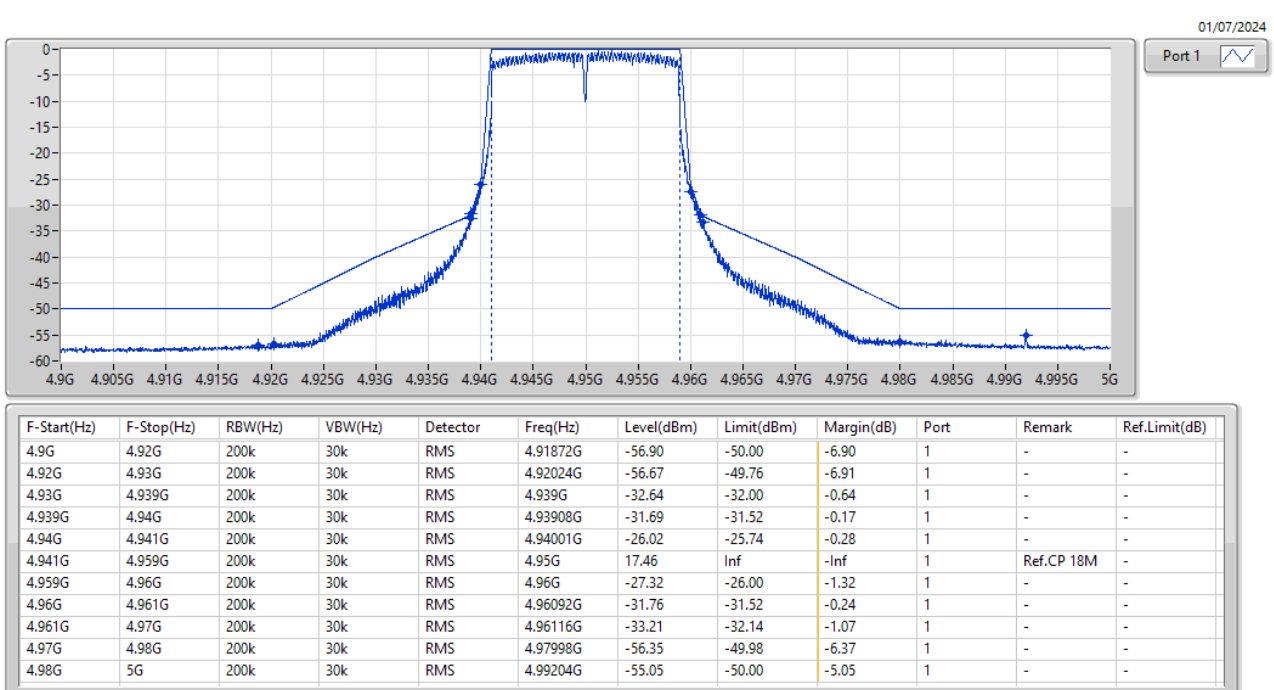
4985MHz



4.94-4.99GHz_11j_VHT20_20MHz_Nss1_1TX

Mask

4950MHz



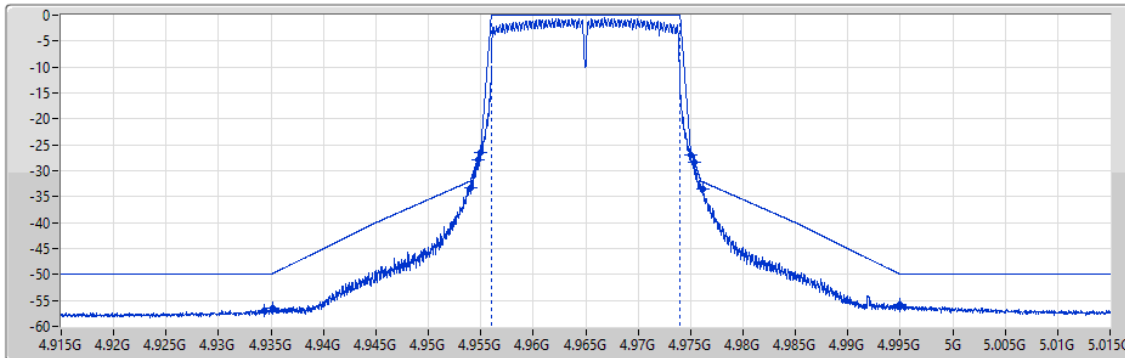
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX

Mask

4965MHz

01/07/2024

Port 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.915G	4.935G	200k	30k	RMS	4.93436G	-56.85	-50.00	-6.85	1	-	-
4.935G	4.945G	200k	30k	RMS	4.9352G	-56.58	-49.80	-6.78	1	-	-
4.945G	4.954G	200k	30k	RMS	4.954G	-33.26	-32.00	-1.26	1	-	-
4.954G	4.955G	200k	30k	RMS	4.95471G	-27.86	-27.74	-0.12	1	-	-
4.955G	4.956G	200k	30k	RMS	4.95501G	-26.55	-25.74	-0.81	1	-	-
4.956G	4.974G	200k	30k	RMS	4.965G	17.35	Inf	-Inf	1	Ref.CP 18M	-
4.974G	4.975G	200k	30k	RMS	4.975G	-27.07	-26.00	-1.07	1	-	-
4.975G	4.976G	200k	30k	RMS	4.97532G	-28.28	-27.92	-0.36	1	-	-
4.976G	4.985G	200k	30k	RMS	4.97613G	-33.42	-32.11	-1.31	1	-	-
4.985G	4.995G	200k	30k	RMS	4.99494G	-55.85	-49.94	-5.91	1	-	-
4.995G	5.015G	200k	30k	RMS	4.995G	-55.98	-50.00	-5.98	1	-	-

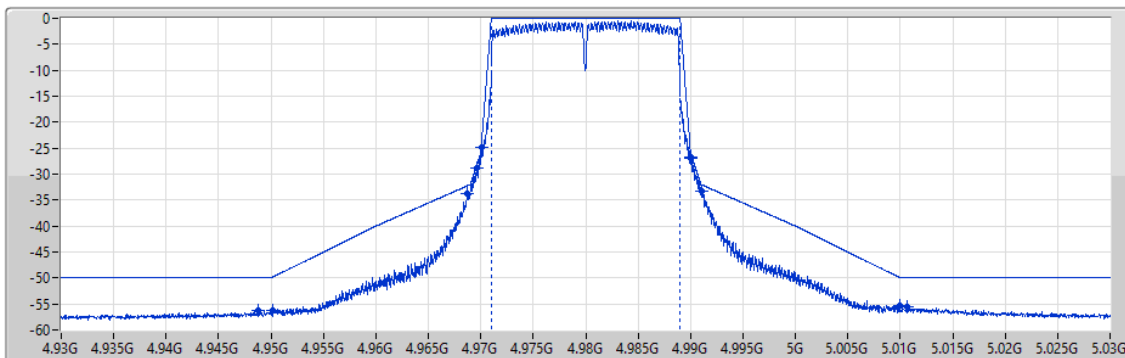
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX

Mask

4980MHz

01/07/2024

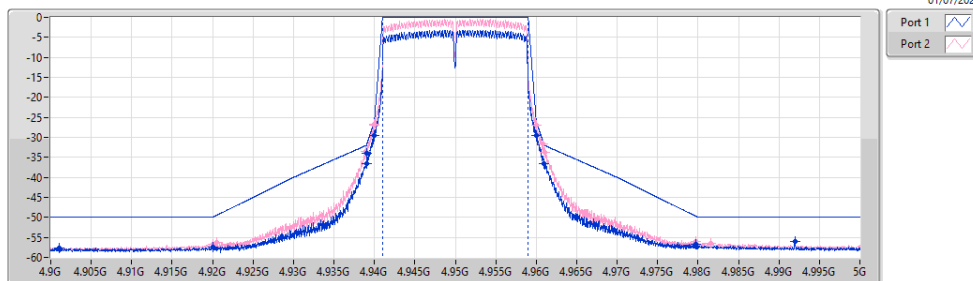
Port 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.93G	4.95G	200k	30k	RMS	4.94876G	-56.36	-50.00	-6.36	1	-	-
4.95G	4.96G	200k	30k	RMS	4.9502G	-56.20	-49.80	-6.40	1	-	-
4.96G	4.969G	200k	30k	RMS	4.96869G	-33.73	-32.27	-1.46	1	-	-
4.969G	4.97G	200k	30k	RMS	4.96963G	-28.73	-28.22	-0.51	1	-	-
4.97G	4.971G	200k	30k	RMS	4.97008G	-24.84	-23.92	-0.92	1	-	-
4.971G	4.989G	200k	30k	RMS	4.98G	17.39	Inf	-Inf	1	Ref.CP 18M	-
4.989G	4.99G	200k	30k	RMS	4.98999G	-27.00	-25.74	-1.26	1	-	-
4.99G	4.991G	200k	30k	RMS	4.99006G	-26.71	-26.36	-0.35	1	-	-
4.991G	5G	200k	30k	RMS	4.99111G	-33.17	-32.10	-1.07	1	-	-
5G	5.01G	200k	30k	RMS	5.00994G	-55.33	-49.94	-5.39	1	-	-
5.01G	5.03G	200k	30k	RMS	5.0106G	-55.50	-50.00	-5.50	1	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX
4950MHz

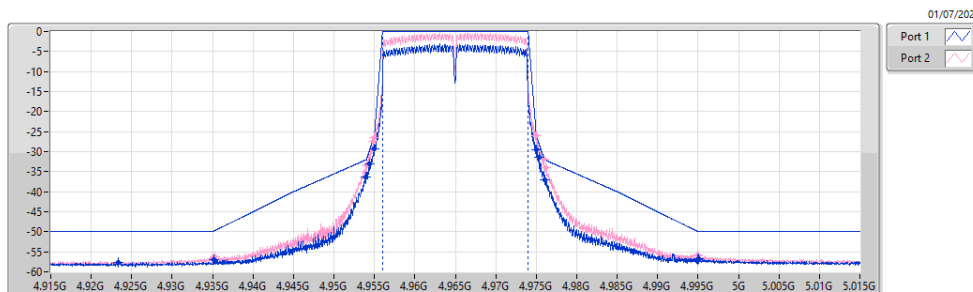
Mask



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.9G	4.92G	200k	30k	RMS	4.90104G	-57.60	-50.00	-7.60	1	-	-
4.92G	4.93G	200k	30k	RMS	4.92G	-57.46	-50.00	-7.46	1	-	-
4.93G	4.939G	200k	30k	RMS	4.939G	-36.64	-32.00	-4.64	1	-	-
4.939G	4.94G	200k	30k	RMS	4.93904G	-34.09	-31.76	-2.33	1	-	-
4.94G	4.941G	200k	30k	RMS	4.94001G	-29.48	-25.74	-3.74	1	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	14.83	Inf	-Inf	1	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.95998G	-29.61	-25.48	-4.13	1	-	-
4.96G	4.961G	200k	30k	RMS	4.96005G	-29.57	-26.30	-3.27	1	-	-
4.961G	4.97G	200k	30k	RMS	4.961G	-36.54	-32.00	-4.54	1	-	-
4.97G	4.98G	200k	30k	RMS	4.9797G	-56.74	-49.70	-7.04	1	-	-
4.98G	5G	200k	30k	RMS	4.99196G	-56.05	-50.00	-6.05	1	-	-
4.9G	4.92G	200k	30k	RMS	4.92G	-56.76	-50.00	-6.76	2	-	-
4.92G	4.93G	200k	30k	RMS	4.92048G	-56.33	-49.52	-6.81	2	-	-
4.93G	4.939G	200k	30k	RMS	4.93896G	-33.60	-32.03	-1.57	2	-	-
4.939G	4.94G	200k	30k	RMS	4.93993G	-27.02	-26.42	-0.60	2	-	-
4.94G	4.941G	200k	30k	RMS	4.94002G	-26.69	-25.48	-1.21	2	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	17.48	Inf	-Inf	2	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.96G	-26.86	-26.00	-0.86	2	-	-
4.96G	4.961G	200k	30k	RMS	4.96085G	-31.74	-31.10	-0.64	2	-	-
4.961G	4.97G	200k	30k	RMS	4.96104G	-33.79	-32.03	-1.76	2	-	-
4.97G	4.98G	200k	30k	RMS	4.97968G	-56.13	-49.68	-6.45	2	-	-
4.98G	5G	200k	30k	RMS	4.98152G	-56.49	-50.00	-6.49	2	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX
4965MHz

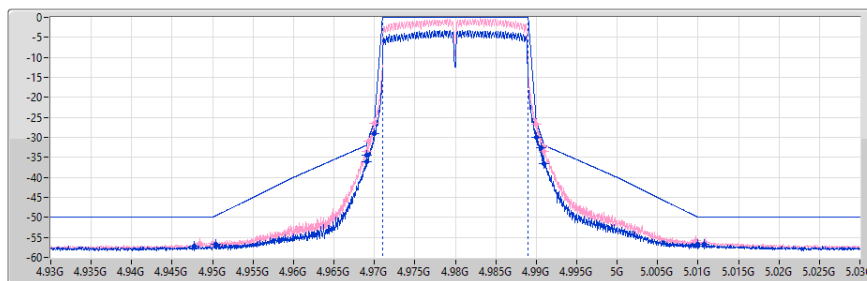
Mask



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.915G	4.935G	200k	30k	RMS	4.92332G	-57.59	-50.00	-7.59	1	-	-
4.935G	4.945G	200k	30k	RMS	4.93512G	-56.98	-49.88	-7.10	1	-	-
4.945G	4.954G	200k	30k	RMS	4.95398G	-36.23	-32.02	-4.21	1	-	-
4.954G	4.955G	200k	30k	RMS	4.95438G	-32.94	-29.72	-3.22	1	-	-
4.955G	4.956G	200k	30k	RMS	4.955G	-29.30	-26.00	-3.30	1	-	-
4.956G	4.974G	200k	30k	RMS	4.965G	14.68	Inf	-Inf	1	Ref.CP 18M	-
4.974G	4.975G	200k	30k	RMS	4.975G	-29.52	-26.00	-3.52	1	-	-
4.975G	4.976G	200k	30k	RMS	4.97533G	-31.43	-27.98	-3.45	1	-	-
4.976G	4.985G	200k	30k	RMS	4.97607G	-36.93	-32.06	-4.87	1	-	-
4.985G	4.995G	200k	30k	RMS	4.99498G	-56.92	-49.98	-6.94	1	-	-
4.995G	5.015G	200k	30k	RMS	4.99504G	-56.71	-50.00	-6.71	1	-	-
4.915G	4.935G	200k	30k	RMS	4.93496G	-56.64	-50.00	-6.64	2	-	-
4.935G	4.945G	200k	30k	RMS	4.9353G	-56.30	-49.70	-6.60	2	-	-
4.945G	4.954G	200k	30k	RMS	4.954G	-33.63	-32.00	-1.63	2	-	-
4.954G	4.955G	200k	30k	RMS	4.95482G	-27.40	-27.08	-0.32	2	-	-
4.955G	4.956G	200k	30k	RMS	4.95501G	-26.54	-25.74	-0.80	2	-	-
4.956G	4.974G	200k	30k	RMS	4.965G	17.56	Inf	-Inf	2	Ref.CP 18M	-
4.974G	4.975G	200k	30k	RMS	4.97498G	-26.10	-25.48	-0.62	2	-	-
4.975G	4.976G	200k	30k	RMS	4.97591G	-31.88	-31.46	-0.42	2	-	-
4.976G	4.985G	200k	30k	RMS	4.97613G	-33.97	-32.11	-1.86	2	-	-
4.985G	4.995G	200k	30k	RMS	4.995G	-55.84	-50.00	-5.84	2	-	-
4.995G	5.015G	200k	30k	RMS	4.995G	-55.95	-50.00	-5.95	2	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX
4980MHz

Mask



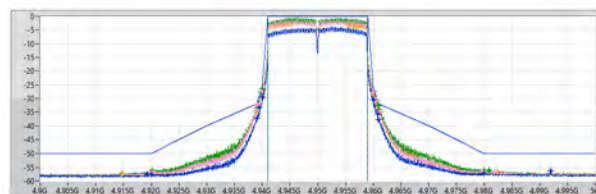
01/07/2024

Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.93G	4.95G	200k	30k	RMS	4.94776G	-57.11	-50.00	-7.11	1	-	-
4.95G	4.96G	200k	30k	RMS	4.9504G	-56.72	-49.60	-7.12	1	-	-
4.96G	4.969G	200k	30k	RMS	4.969G	-36.03	-32.00	-4.03	1	-	-
4.969G	4.97G	200k	30k	RMS	4.96904G	-34.57	-31.76	-2.81	1	-	-
4.97G	4.971G	200k	30k	RMS	4.97001G	-29.09	-25.74	-3.35	1	-	-
4.971G	4.989G	200k	30k	RMS	4.98G	14.70	Inf	-Inf	1	Ref.CP 18M	-
4.989G	4.99G	200k	30k	RMS	4.99G	-30.10	-26.00	-4.10	1	-	-
4.99G	4.991G	200k	30k	RMS	4.99059G	-32.60	-29.54	-3.06	1	-	-
4.991G	5G	200k	30k	RMS	4.991G	-36.64	-32.00	-4.64	1	-	-
5G	5.01G	200k	30k	RMS	5.0099G	-56.77	-49.90	-6.87	1	-	-
5.01G	5.03G	200k	30k	RMS	5.01076G	-56.72	-50.00	-6.72	1	-	-
4.93G	4.95G	200k	30k	RMS	4.9484G	-56.55	-50.00	-6.55	2	-	-
4.95G	4.96G	200k	30k	RMS	4.95008G	-56.39	-49.92	-6.47	2	-	-
4.96G	4.969G	200k	30k	RMS	4.969G	-33.46	-32.00	-1.46	2	-	-
4.969G	4.97G	200k	30k	RMS	4.96931G	-30.89	-30.14	-0.75	2	-	-
4.97G	4.971G	200k	30k	RMS	4.97002G	-26.46	-25.48	-0.98	2	-	-
4.971G	4.989G	200k	30k	RMS	4.98G	17.61	Inf	-Inf	2	Ref.CP 18M	-
4.989G	4.99G	200k	30k	RMS	4.99G	-26.64	-26.00	-0.64	2	-	-
4.99G	4.991G	200k	30k	RMS	4.99096G	-32.23	-31.76	-0.47	2	-	-
4.991G	5G	200k	30k	RMS	4.991G	-33.60	-32.00	-1.60	2	-	-
5G	5.01G	200k	30k	RMS	5.00968G	-55.82	-49.68	-6.14	2	-	-
5.01G	5.03G	200k	30k	RMS	5.01088G	-56.20	-50.00	-6.20	2	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_4TX
4950MHz

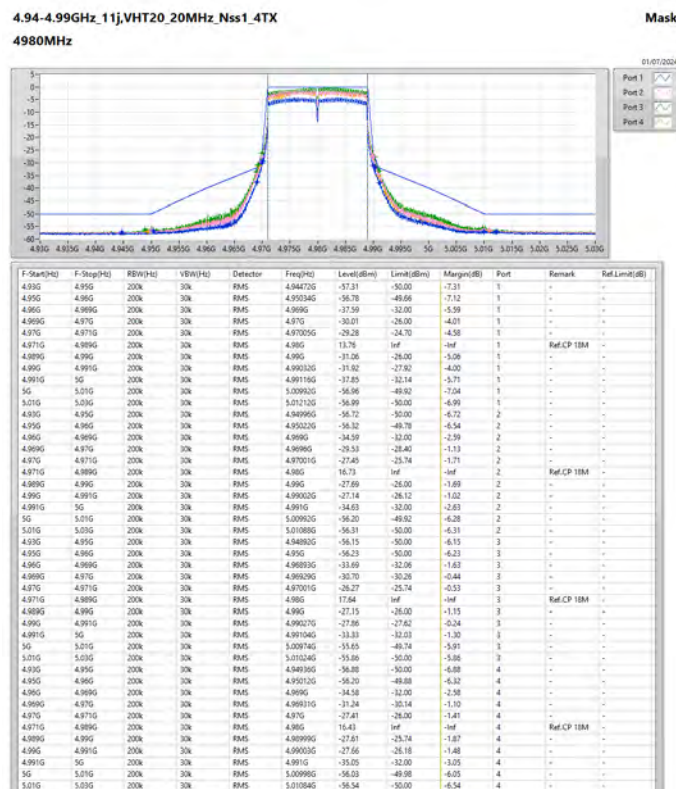
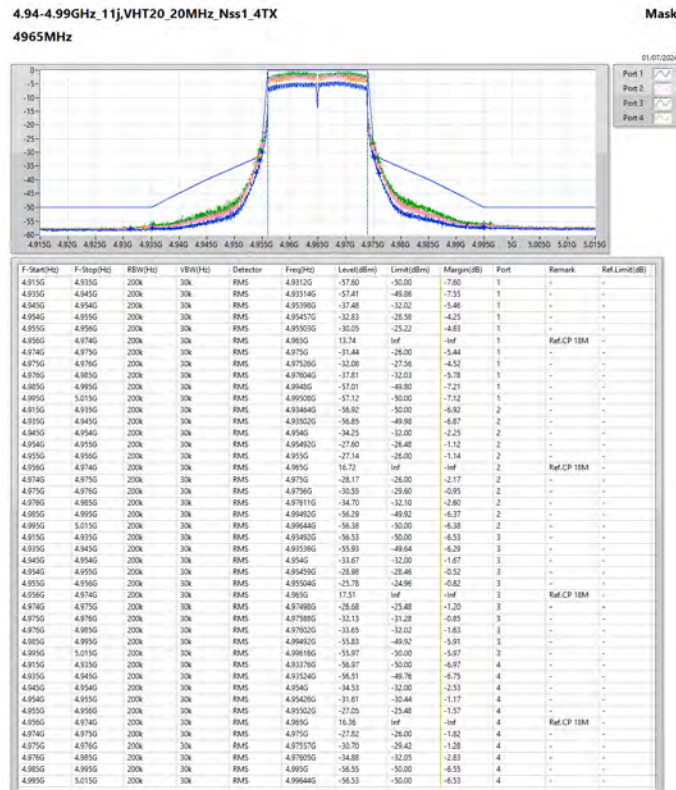
Mask



01/07/2024

Port 1
Port 2
Port 3
Port 4

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.93G	4.935G	200k	30k	RMS	4.93486G	-57.48	-50.00	-7.48	1	-	-
4.935G	4.935G	200k	30k	RMS	4.93500G	-57.33	-49.90	-7.33	1	-	-
4.935G	4.939G	200k	30k	RMS	4.939G	-37.33	-32.00	-5.33	1	-	-
4.939G	4.94G	200k	30k	RMS	4.93955G	-33.27	-29.70	-3.57	1	-	-
4.94G	4.9415G	200k	30k	RMS	4.94046G	-29.49	-24.96	-4.53	1	-	-
4.9415G	4.959G	200k	30k	RMS	4.95G	13.86	Inf	-Inf	1	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.95995G	-30.49	-25.48	-5.01	1	-	-
4.96G	4.9615G	200k	30k	RMS	4.96085G	-35.67	-31.28	-4.39	1	-	-
4.9615G	4.97G	200k	30k	RMS	4.961G	-37.72	-32.00	-5.72	1	-	-
4.97G	4.98G	200k	30k	RMS	4.9799G	-57.27	-49.90	-7.37	1	-	-
4.98G	5G	200k	30k	RMS	4.99196G	-54.35	-50.00	-4.35	1	-	-
4.99G	4.992G	200k	30k	RMS	4.99196G	-54.35	-50.00	-4.35	2	-	-
4.992G	4.995G	200k	30k	RMS	4.995G	-37.72	-32.00	-5.72	1	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	1	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	2	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	3	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	4	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	5	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	6	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	7	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	8	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	9	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	10	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	11	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	12	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	13	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	14	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	15	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	16	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	17	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	18	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	19	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	20	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	21	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	22	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	23	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	24	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	25	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	26	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	27	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	28	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	29	-	-
4.995G	4.995G	200k	30k	RMS	4.99595G	-35.67	-31.28	-4.39	30	-	-



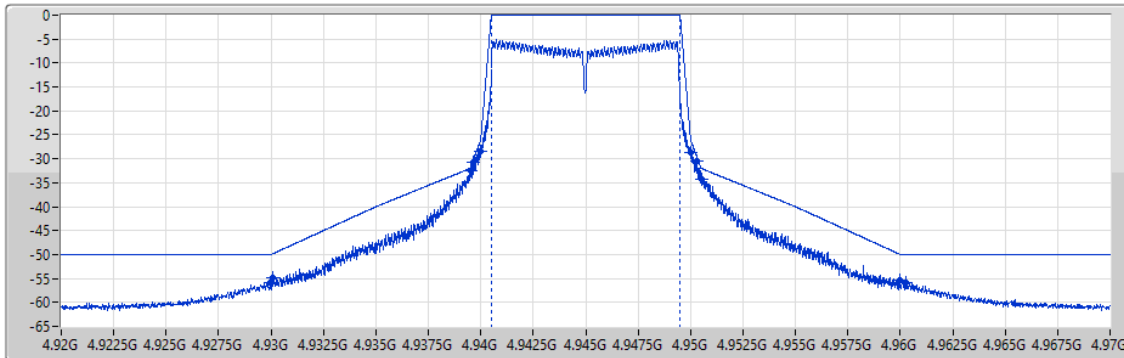
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

Mask

4945MHz

29/06/2024

Port 1



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	4.92996G	-55.82	-50.00	-5.82	1	-	-
4.93G	4.935G	100k	30k	RMS	4.93011G	-54.80	-49.78	-5.02	1	-	-
4.935G	4.9395G	100k	30k	RMS	4.9395G	-32.47	-32.00	-0.47	1	-	-
4.9395G	4.94G	100k	30k	RMS	4.93965G	-30.62	-30.20	-0.42	1	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-28.33	-26.00	-2.33	1	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	12.16	Inf	-Inf	1	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.95G	-28.67	-26.00	-2.67	1	-	-
4.95G	4.9505G	100k	30k	RMS	4.95028G	-30.39	-29.36	-1.03	1	-	-
4.9505G	4.955G	100k	30k	RMS	4.95055G	-34.19	-32.10	-2.09	1	-	-
4.955G	4.96G	100k	30k	RMS	4.95999G	-55.44	-49.98	-5.46	1	-	-
4.96G	4.97G	100k	30k	RMS	4.96026G	-55.84	-50.00	-5.84	1	-	-

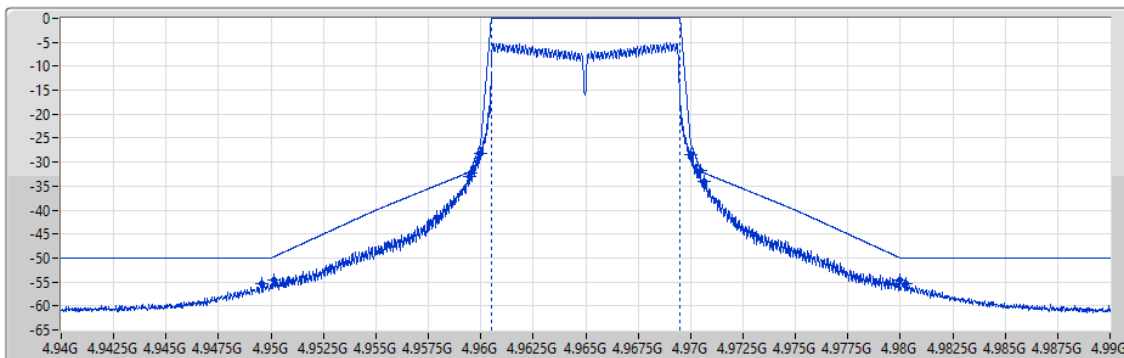
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

Mask

4965MHz

29/06/2024

Port 1



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	4.94954G	-55.46	-50.00	-5.46	1	-	-
4.95G	4.955G	100k	30k	RMS	4.95015G	-54.54	-49.70	-4.84	1	-	-
4.955G	4.9595G	100k	30k	RMS	4.95949G	-33.01	-32.02	-0.99	1	-	-
4.9595G	4.96G	100k	30k	RMS	4.95951G	-32.25	-31.94	-0.31	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	12.32	Inf	-Inf	1	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.97G	-28.52	-26.00	-2.52	1	-	-
4.97G	4.9705G	100k	30k	RMS	4.97045G	-31.83	-31.40	-0.43	1	-	-
4.9705G	4.975G	100k	30k	RMS	4.97063G	-34.05	-32.22	-1.83	1	-	-
4.975G	4.98G	100k	30k	RMS	4.97997G	-54.63	-49.94	-4.69	1	-	-
4.98G	4.99G	100k	30k	RMS	4.98028G	-55.23	-50.00	-5.23	1	-	-

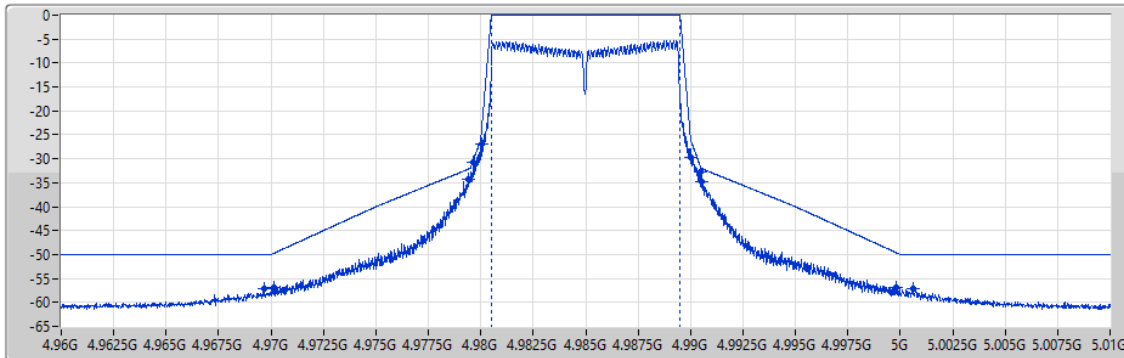
4.94-4.99GHz_11j_VHT10_10MHz_Nss1_1TX

Mask

4985MHz

29/06/2024

Port 1



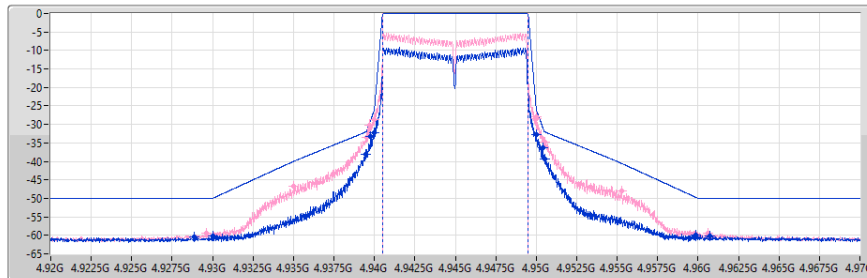
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.96G	4.97G	100k	30k	RMS	4.96966G	-57.24	-50.00	-7.24	1	-	-
4.97G	4.975G	100k	30k	RMS	4.97015G	-56.90	-49.70	-7.20	1	-	-
4.975G	4.9795G	100k	30k	RMS	4.97941G	-34.16	-32.16	-2.00	1	-	-
4.9795G	4.98G	100k	30k	RMS	4.97965G	-30.80	-30.26	-0.54	1	-	-
4.98G	4.9805G	100k	30k	RMS	4.98003G	-27.04	-24.44	-2.60	1	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	12.15	Inf	-Inf	1	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.99G	-29.73	-26.00	-3.73	1	-	-
4.99G	4.9905G	100k	30k	RMS	4.99045G	-32.71	-31.34	-1.37	1	-	-
4.9905G	4.995G	100k	30k	RMS	4.99053G	-34.90	-32.05	-2.85	1	-	-
4.995G	5G	100k	30k	RMS	4.99981G	-56.87	-49.62	-7.25	1	-	-
5G	5.01G	100k	30k	RMS	5.0006G	-57.17	-50.00	-7.17	1	-	-

4.94-4.99GHz_11j_VHT10_10MHz_Nss1_2TX

Mask

4945MHz

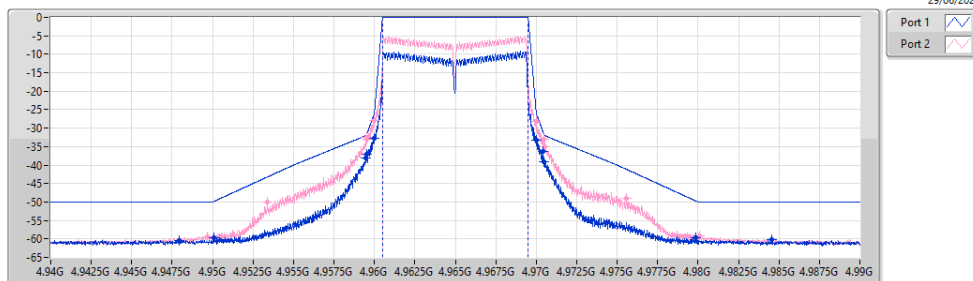
29/06/2024

Port 1
Port 2


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	4.92884G	-60.45	-50.00	-10.45	1	-	-
4.93G	4.935G	100k	30k	RMS	4.93002G	-60.28	-49.96	-10.32	1	-	-
4.935G	4.9395G	100k	30k	RMS	4.93949G	-38.11	-32.02	-6.09	1	-	-
4.9395G	4.94G	100k	30k	RMS	4.93978G	-33.27	-28.64	-4.63	1	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-32.35	-26.00	-6.35	1	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	8.09	Inf	-Inf	1	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.95G	-32.67	-25.74	-6.93	1	-	-
4.95G	4.9505G	100k	30k	RMS	4.95041G	-36.36	-30.92	-5.44	1	-	-
4.9505G	4.955G	100k	30k	RMS	4.95052G	-39.26	-32.03	-7.23	1	-	-
4.955G	4.96G	100k	30k	RMS	4.95986G	-59.83	-49.72	-10.11	1	-	-
4.96G	4.97G	100k	30k	RMS	4.96072G	-60.18	-50.00	-10.18	1	-	-
4.97G	4.93G	100k	30k	RMS	4.92962G	-59.47	-50.00	-9.47	2	-	-
4.93G	4.935G	100k	30k	RMS	4.93499G	-46.66	-40.02	-6.64	2	-	-
4.935G	4.9395G	100k	30k	RMS	4.9395G	-33.53	-32.00	-1.53	2	-	-
4.9395G	4.94G	100k	30k	RMS	4.93967G	-30.29	-30.02	-0.27	2	-	-
4.94G	4.9405G	100k	30k	RMS	4.94G	-28.73	-26.00	-2.73	2	-	-
4.9405G	4.9495G	100k	30k	RMS	4.945G	12.01	Inf	-Inf	2	Ref.CP 9M	-
4.9495G	4.95G	100k	30k	RMS	4.94999G	-28.40	-25.48	-2.92	2	-	-
4.95G	4.9505G	100k	30k	RMS	4.95G	-28.03	-26.00	-2.03	2	-	-
4.9505G	4.955G	100k	30k	RMS	4.95053G	-34.70	-32.05	-2.65	2	-	-
4.955G	4.96G	100k	30k	RMS	4.95527G	-47.98	-40.54	-7.44	2	-	-
4.96G	4.97G	100k	30k	RMS	4.96062G	-59.51	-50.00	-9.51	2	-	-

4.94-4.99GHz_11j_VHT10_10MHz_Nss1_2TX
4965MHz

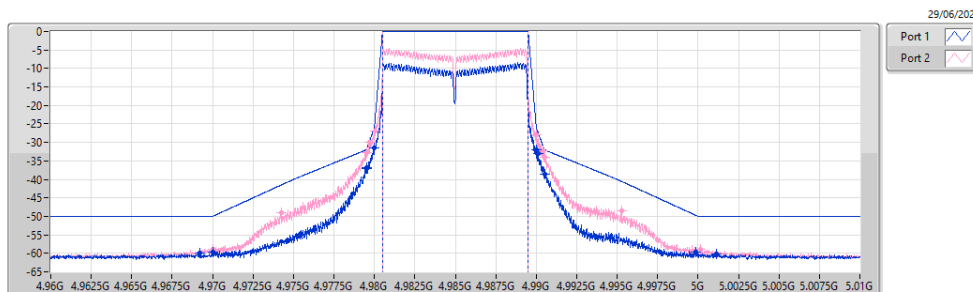
Mask



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	4.94794G	-60.33	-50.00	-10.33	1	-	-
4.95G	4.955G	100k	30k	RMS	4.95006G	-59.74	-49.88	-9.86	1	-	-
4.955G	4.9595G	100k	30k	RMS	4.95949G	-38.11	-32.02	-6.09	1	-	-
4.9595G	4.96G	100k	30k	RMS	4.95952G	-37.03	-31.82	-5.21	1	-	-
4.96G	4.9605G	100k	30k	RMS	4.96G	-32.79	-26.00	-6.79	1	-	-
4.9605G	4.9695G	100k	30k	RMS	4.965G	8.10	Inf	-Inf	1	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.97G	-33.28	-25.74	-7.54	1	-	-
4.97G	4.9705G	100k	30k	RMS	4.9704G	-36.31	-30.74	-5.57	1	-	-
4.9705G	4.975G	100k	30k	RMS	4.9705G	-39.03	-32.00	-7.03	1	-	-
4.975G	4.98G	100k	30k	RMS	4.97986G	-59.79	-49.72	-10.07	1	-	-
4.98G	4.99G	100k	30k	RMS	4.98458G	-60.12	-50.00	-10.12	1	-	-
4.94G	4.95G	100k	30k	RMS	4.9497G	-59.34	-50.00	-9.34	2	-	-
4.95G	4.955G	100k	30k	RMS	4.9534G	-49.95	-43.20	-6.75	2	-	-
4.955G	4.9595G	100k	30k	RMS	4.9595G	-33.04	-32.00	-1.04	2	-	-
4.9595G	4.96G	100k	30k	RMS	4.95952G	-32.45	-31.82	-0.63	2	-	-
4.96G	4.9605G	100k	30k	RMS	4.96G	-27.97	-26.00	-1.97	2	-	-
4.9605G	4.9695G	100k	30k	RMS	4.965G	12.22	Inf	-Inf	2	Ref.CP 9M	-
4.9695G	4.97G	100k	30k	RMS	4.97G	-28.31	-26.00	-2.31	2	-	-
4.97G	4.9705G	100k	30k	RMS	4.97046G	-33.00	-31.46	-1.54	2	-	-
4.9705G	4.975G	100k	30k	RMS	4.97051G	-35.09	-32.02	-3.07	2	-	-
4.975G	4.98G	100k	30k	RMS	4.9756G	-49.11	-41.20	-7.91	2	-	-
4.98G	4.99G	100k	30k	RMS	4.98012G	-59.21	-50.00	-9.21	2	-	-

4.94-4.99GHz_11j_VHT10_10MHz_Nss1_2TX
4985MHz

Mask

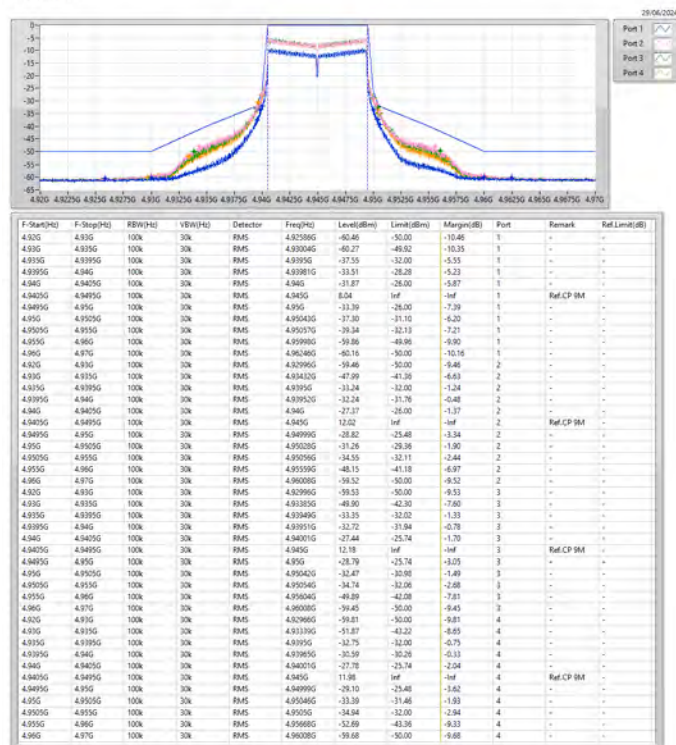


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.96G	4.97G	100k	30k	RMS	4.96922G	-59.83	-50.00	-9.83	1	-	-
4.97G	4.975G	100k	30k	RMS	4.97004G	-59.57	-49.92	-9.65	1	-	-
4.975G	4.9795G	100k	30k	RMS	4.9795G	-37.05	-32.00	-5.05	1	-	-
4.9795G	4.98G	100k	30k	RMS	4.97952G	-36.77	-31.76	-5.01	1	-	-
4.98G	4.9805G	100k	30k	RMS	4.98G	-31.40	-26.00	-5.40	1	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	8.90	Inf	-Inf	1	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.99G	-32.08	-26.00	-6.08	1	-	-
4.99G	4.9905G	100k	30k	RMS	4.99014G	-33.05	-27.68	-5.37	1	-	-
4.9905G	4.995G	100k	30k	RMS	4.99055G	-38.56	-32.08	-6.48	1	-	-
4.995G	5G	100k	30k	RMS	4.99984G	-59.71	-49.68	-10.03	1	-	-
5G	5.01G	100k	30k	RMS	5.00116G	-60.17	-50.00	-10.17	1	-	-
4.96G	4.97G	100k	30k	RMS	4.97G	-58.91	-50.00	-8.91	2	-	-
4.97G	4.975G	100k	30k	RMS	4.97423G	-49.04	-41.54	-7.50	2	-	-
4.975G	4.9795G	100k	30k	RMS	4.9795G	-32.71	-32.00	-0.71	2	-	-
4.9795G	4.98G	100k	30k	RMS	4.97967G	-30.03	-29.96	-0.07	2	-	-
4.98G	4.9805G	100k	30k	RMS	4.98002G	-27.00	-25.22	-1.78	2	-	-
4.9805G	4.9895G	100k	30k	RMS	4.985G	12.73	Inf	-Inf	2	Ref.CP 9M	-
4.9895G	4.99G	100k	30k	RMS	4.99G	-27.93	-25.74	-2.19	2	-	-
4.99G	4.9905G	100k	30k	RMS	4.99041G	-32.22	-30.92	-1.30	2	-	-
4.9905G	4.995G	100k	30k	RMS	4.99056G	-34.03	-32.11	-1.92	2	-	-
4.995G	5G	100k	30k	RMS	4.99526G	-48.56	-40.52	-8.04	2	-	-
5G	5.01G	100k	30k	RMS	5.00016G	-58.94	-50.00	-8.94	2	-	-

4.94-4.99GHz_11j_VHT10_10MHz_Nss1_4TX

Mask

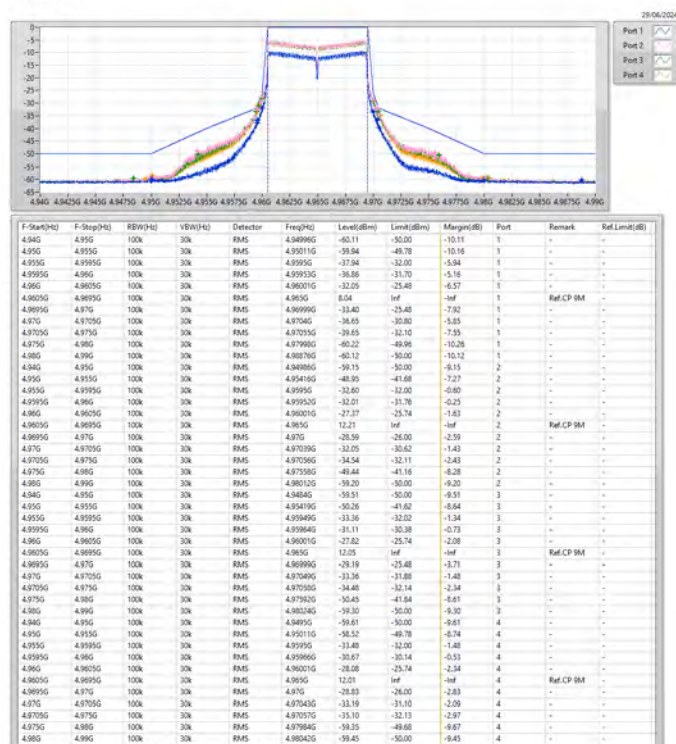
4945MHz



4.94-4.99GHz_11j_VHT10_10MHz_Nss1_4TX

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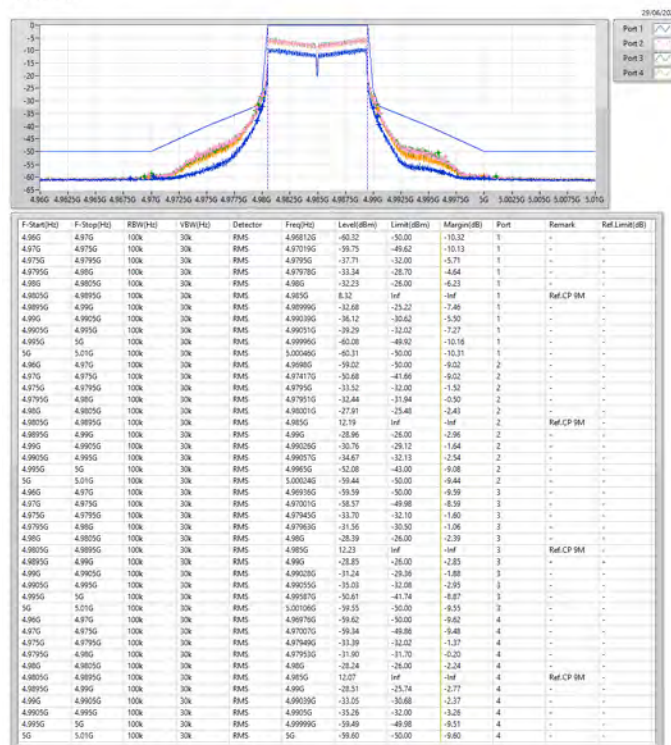
4965MHz



4.94-4.99GHz_11j_VHT10_10MHz_Nss1_4TX

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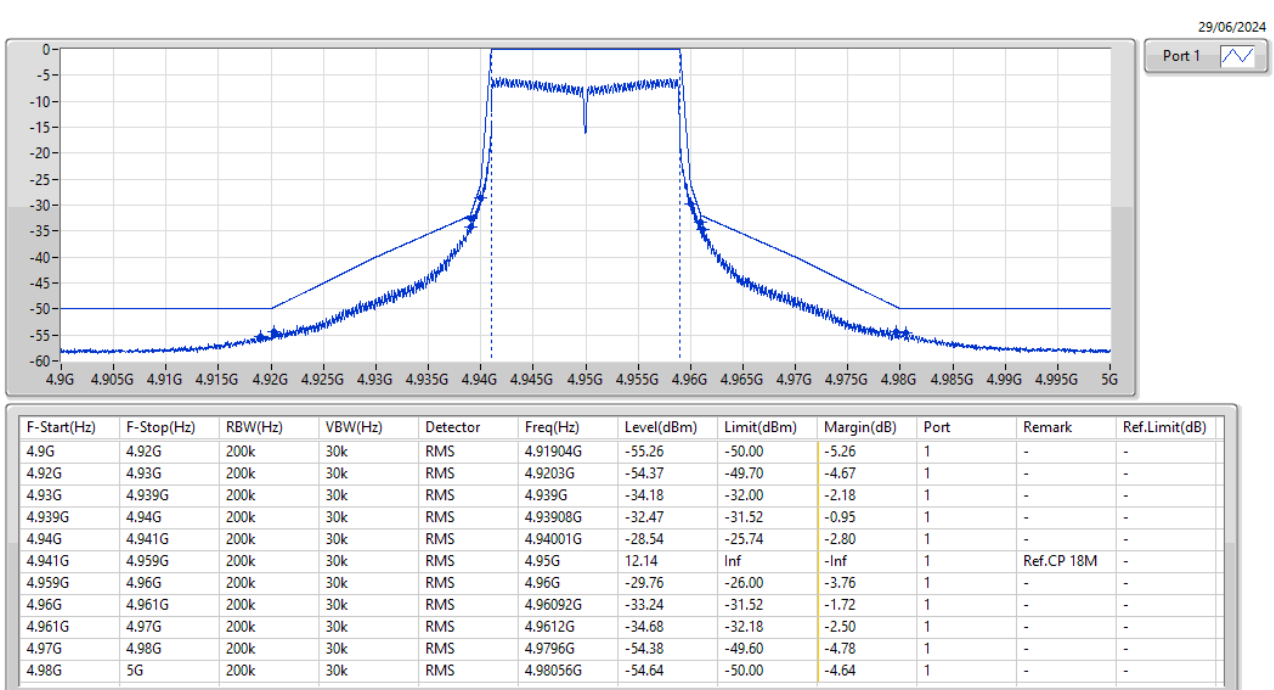
4985MHz



4.94-4.99GHz_11j_VHT20_20MHz_Nss1_1TX

Mask

4950MHz



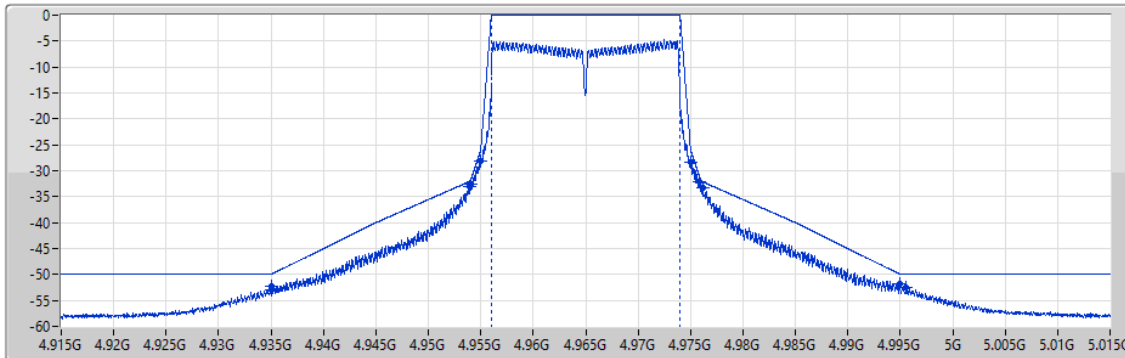
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX

Mask

4965MHz

29/06/2024

Port 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.915G	4.935G	200k	30k	RMS	4.935G	-53.03	-50.00	-3.03	1	-	-
4.935G	4.945G	200k	30k	RMS	4.935G	-52.36	-50.00	-2.36	1	-	-
4.945G	4.954G	200k	30k	RMS	4.95398G	-32.96	-32.02	-0.94	1	-	-
4.954G	4.955G	200k	30k	RMS	4.954G	-32.66	-32.00	-0.66	1	-	-
4.955G	4.956G	200k	30k	RMS	4.95501G	-28.19	-25.74	-2.45	1	-	-
4.956G	4.974G	200k	30k	RMS	4.965G	12.71	Inf	-Inf	1	Ref.CP 18M	-
4.974G	4.975G	200k	30k	RMS	4.97497G	-28.37	-25.22	-3.15	1	-	-
4.975G	4.976G	200k	30k	RMS	4.97589G	-32.03	-31.34	-0.69	1	-	-
4.976G	4.985G	200k	30k	RMS	4.97618G	-33.22	-32.16	-1.06	1	-	-
4.985G	4.995G	200k	30k	RMS	4.99496G	-51.75	-49.96	-1.79	1	-	-
4.995G	5.015G	200k	30k	RMS	4.99556G	-52.49	-50.00	-2.49	1	-	-

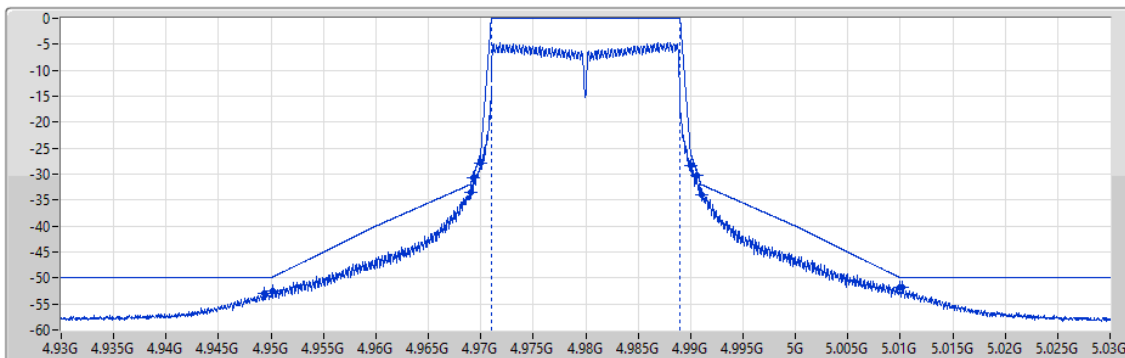
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX

Mask

4980MHz

29/06/2024

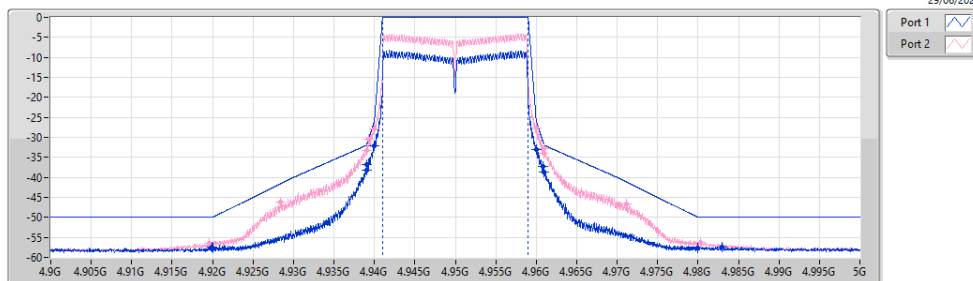
Port 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.93G	4.95G	200k	30k	RMS	4.94936G	-53.07	-50.00	-3.07	1	-	-
4.95G	4.96G	200k	30k	RMS	4.9502G	-52.42	-49.80	-2.62	1	-	-
4.96G	4.969G	200k	30k	RMS	4.969G	-33.49	-32.00	-1.49	1	-	-
4.969G	4.97G	200k	30k	RMS	4.96933G	-30.74	-30.02	-0.72	1	-	-
4.97G	4.971G	200k	30k	RMS	4.97G	-27.87	-26.00	-1.87	1	-	-
4.971G	4.989G	200k	30k	RMS	4.98G	12.95	Inf	-Inf	1	Ref.CP 18M	-
4.989G	4.99G	200k	30k	RMS	4.98999G	-28.46	-25.74	-2.72	1	-	-
4.99G	4.991G	200k	30k	RMS	4.99058G	-30.16	-29.48	-0.68	1	-	-
4.991G	5G	200k	30k	RMS	4.99107G	-33.89	-32.06	-1.83	1	-	-
5G	5.01G	200k	30k	RMS	5.00998G	-51.77	-49.98	-1.79	1	-	-
5.01G	5.03G	200k	30k	RMS	5.01024G	-51.83	-50.00	-1.83	1	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX
4950MHz

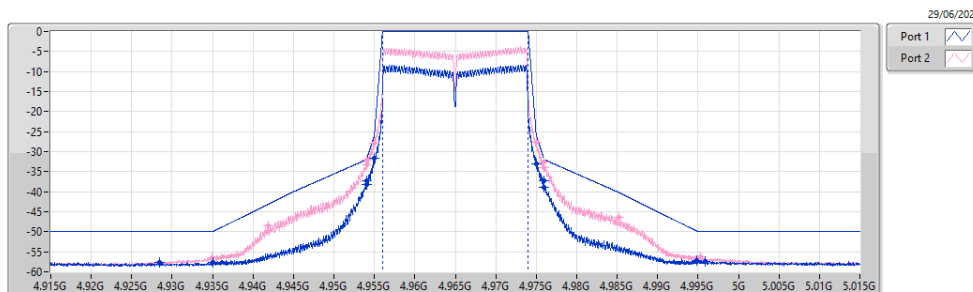
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F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.9G	4.92G	200k	30k	RMS	4.91988G	-57.53	-50.00	-7.53	1	-	-
4.92G	4.93G	200k	30k	RMS	4.92G	-57.58	-50.00	-7.58	1	-	-
4.93G	4.939G	200k	30k	RMS	4.939G	-38.13	-32.00	-6.13	1	-	-
4.939G	4.94G	200k	30k	RMS	4.93907G	-36.79	-31.58	-5.21	1	-	-
4.94G	4.941G	200k	30k	RMS	4.94001G	-32.16	-25.74	-6.42	1	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	9.30	Inf	-Inf	1	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.95999G	-33.01	-25.74	-7.27	1	-	-
4.96G	4.961G	200k	30k	RMS	4.96088G	-37.20	-31.28	-5.92	1	-	-
4.961G	4.97G	200k	30k	RMS	4.961G	-38.76	-32.00	-6.76	1	-	-
4.97G	4.98G	200k	30k	RMS	4.98G	-57.66	-50.00	-7.66	1	-	-
4.98G	5G	200k	30k	RMS	4.98296G	-57.44	-50.00	-7.44	1	-	-
4.9G	4.92G	200k	30k	RMS	4.9196G	-56.55	-50.00	-6.55	2	-	-
4.92G	4.93G	200k	30k	RMS	4.92844G	-46.06	-41.56	-4.50	2	-	-
4.93G	4.939G	200k	30k	RMS	4.939G	-33.26	-32.00	-1.26	2	-	-
4.939G	4.94G	200k	30k	RMS	4.93933G	-30.56	-30.02	-0.54	2	-	-
4.94G	4.941G	200k	30k	RMS	4.94001G	-27.80	-25.74	-2.06	2	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	13.57	Inf	-Inf	2	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.95999G	-27.55	-25.74	-1.81	2	-	-
4.96G	4.961G	200k	30k	RMS	4.96095G	-32.72	-31.70	-1.02	2	-	-
4.961G	4.97G	200k	30k	RMS	4.961G	-33.91	-32.00	-1.91	2	-	-
4.97G	4.98G	200k	30k	RMS	4.97118G	-46.66	-41.18	-5.48	2	-	-
4.98G	5G	200k	30k	RMS	4.98032G	-56.31	-50.00	-6.31	2	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX
4965MHz

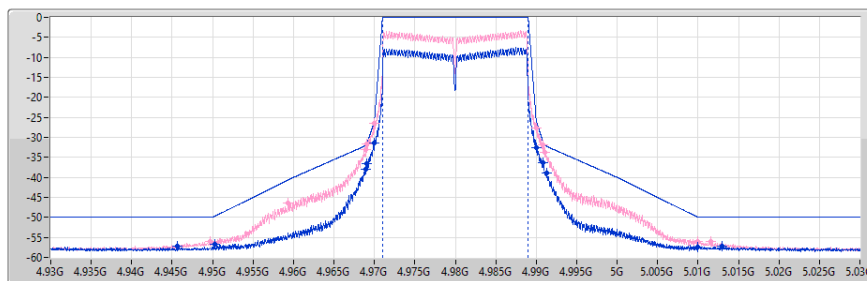
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F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.915G	4.935G	200k	30k	RMS	4.92844G	-57.67	-50.00	-7.67	1	-	-
4.935G	4.945G	200k	30k	RMS	4.935G	-57.64	-50.00	-7.64	1	-	-
4.945G	4.954G	200k	30k	RMS	4.954G	-38.10	-32.00	-6.10	1	-	-
4.954G	4.955G	200k	30k	RMS	4.95401G	-37.17	-31.94	-5.23	1	-	-
4.955G	4.956G	200k	30k	RMS	4.95502G	-31.53	-25.48	-6.05	1	-	-
4.956G	4.974G	200k	30k	RMS	4.965G	9.33	Inf	-Inf	1	Ref.CP 18M	-
4.974G	4.975G	200k	30k	RMS	4.975G	-33.08	-26.00	-7.08	1	-	-
4.975G	4.976G	200k	30k	RMS	4.9759G	-37.36	-31.40	-5.96	1	-	-
4.976G	4.985G	200k	30k	RMS	4.976G	-38.93	-32.00	-6.93	1	-	-
4.985G	4.995G	200k	30k	RMS	4.99478G	-57.25	-49.78	-7.47	1	-	-
4.995G	5.015G	200k	30k	RMS	4.99588G	-57.40	-50.00	-7.40	1	-	-
4.915G	4.935G	200k	30k	RMS	4.93496G	-56.45	-50.00	-6.45	2	-	-
4.935G	4.945G	200k	30k	RMS	4.94186G	-48.46	-43.14	-5.32	2	-	-
4.945G	4.954G	200k	30k	RMS	4.954G	-33.35	-32.00	-1.35	2	-	-
4.954G	4.955G	200k	30k	RMS	4.95407G	-32.15	-31.58	-0.57	2	-	-
4.955G	4.956G	200k	30k	RMS	4.955G	-27.89	-26.00	-1.89	2	-	-
4.956G	4.974G	200k	30k	RMS	4.965G	13.70	Inf	-Inf	2	Ref.CP 18M	-
4.974G	4.975G	200k	30k	RMS	4.975G	-27.73	-26.00	-1.73	2	-	-
4.975G	4.976G	200k	30k	RMS	4.97591G	-32.64	-31.46	-1.18	2	-	-
4.976G	4.985G	200k	30k	RMS	4.976G	-33.98	-32.00	-1.98	2	-	-
4.985G	4.995G	200k	30k	RMS	4.98526G	-46.38	-40.26	-6.12	2	-	-
4.995G	5.015G	200k	30k	RMS	4.99528G	-56.27	-50.00	-6.27	2	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX
4980MHz

Mask



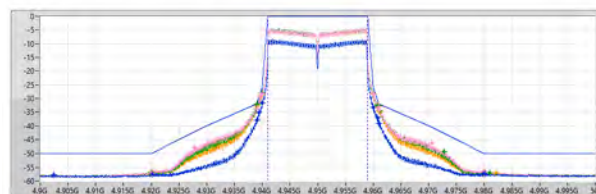
29/06/2024

Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.93G	4.95G	200k	30k	RMS	4.94568G	-57.26	-50.00	-7.26	1	-	-
4.95G	4.96G	200k	30k	RMS	4.95028G	-56.64	-49.72	-6.92	1	-	-
4.96G	4.969G	200k	30k	RMS	4.96898G	-37.90	-32.02	-5.88	1	-	-
4.969G	4.97G	200k	30k	RMS	4.96907G	-36.49	-31.58	-4.91	1	-	-
4.97G	4.971G	200k	30k	RMS	4.97002G	-31.32	-25.48	-5.84	1	-	-
4.971G	4.989G	200k	30k	RMS	4.98G	9.99	Inf	-Inf	1	Ref.CP 18M	-
4.989G	4.99G	200k	30k	RMS	4.99G	-32.48	-26.00	-6.48	1	-	-
4.99G	4.991G	200k	30k	RMS	4.99087G	-36.42	-31.22	-5.20	1	-	-
4.991G	5G	200k	30k	RMS	4.99127G	-38.81	-32.24	-6.57	1	-	-
5G	5.01G	200k	30k	RMS	5.00996G	-57.33	-49.96	-7.37	1	-	-
5.01G	5.03G	200k	30k	RMS	5.01292G	-57.10	-50.00	-7.10	1	-	-
4.93G	4.95G	200k	30k	RMS	4.94972G	-56.09	-50.00	-6.09	2	-	-
4.95G	4.96G	200k	30k	RMS	4.95934G	-46.43	-40.66	-5.77	2	-	-
4.96G	4.969G	200k	30k	RMS	4.96896G	-33.09	-32.03	-1.06	2	-	-
4.969G	4.97G	200k	30k	RMS	4.9691G	-31.57	-31.40	-0.17	2	-	-
4.97G	4.971G	200k	30k	RMS	4.97001G	-26.49	-25.74	-0.75	2	-	-
4.971G	4.989G	200k	30k	RMS	4.98G	14.18	Inf	-Inf	2	Ref.CP 18M	-
4.989G	4.99G	200k	30k	RMS	4.99G	-27.55	-26.00	-1.55	2	-	-
4.99G	4.991G	200k	30k	RMS	4.99084G	-31.90	-31.04	-0.86	2	-	-
4.991G	5G	200k	30k	RMS	4.99105G	-33.77	-32.05	-1.72	2	-	-
5G	5.01G	200k	30k	RMS	5.00998G	-55.99	-49.98	-6.01	2	-	-
5.01G	5.03G	200k	30k	RMS	5.01152G	-56.13	-50.00	-6.13	2	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_4TX
4950MHz

Mask



29/06/2024

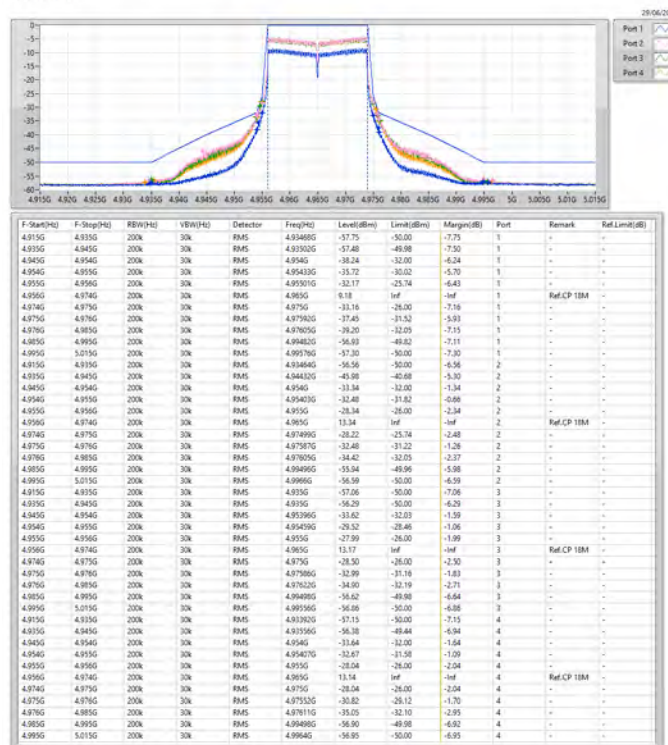
Port 1
Port 2
Port 3
Port 4

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
4.9G	4.93G	200k	30k	RMS	4.93048G	-57.81	-50.00	-7.81	1	-	-
4.93G	4.93G	200k	30k	RMS	4.9303G	-57.37	-49.80	-7.57	1	-	-
4.93G	4.939G	200k	30k	RMS	4.939G	-38.07	-32.00	-6.07	1	-	-
4.939G	4.94G	200k	30k	RMS	4.93937G	-33.05	-29.78	-3.27	1	-	-
4.94G	4.941G	200k	30k	RMS	4.94020G	-31.70	-25.48	-6.22	1	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	9.14	Inf	-Inf	1	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.96G	-33.18	-26.00	-7.18	1	-	-
4.96G	4.961G	200k	30k	RMS	4.96084G	-37.05	-31.04	-6.01	1	-	-
4.961G	4.97G	200k	30k	RMS	4.96120G	-38.06	-32.07	-5.99	1	-	-
4.97G	4.98G	200k	30k	RMS	4.97982G	-57.24	-49.83	-7.42	1	-	-
4.98G	5G	200k	30k	RMS	4.98016G	-57.31	-50.00	-7.31	1	-	-
4.9G	4.93G	200k	30k	RMS	4.93G	-56.90	-50.00	-6.90	2	-	-
4.93G	4.93G	200k	30k	RMS	4.93779G	-47.84	-42.74	-5.10	2	-	-
4.93G	4.939G	200k	30k	RMS	4.939G	-33.75	-32.00	-1.75	2	-	-
4.939G	4.94G	200k	30k	RMS	4.93959G	-29.35	-28.48	-0.87	2	-	-
4.94G	4.941G	200k	30k	RMS	4.94G	-28.17	-26.00	-2.17	2	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	13.20	Inf	-Inf	2	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.96G	-28.50	-26.00	-2.50	2	-	-
4.96G	4.961G	200k	30k	RMS	4.96095G	-33.31	-31.70	-1.61	2	-	-
4.961G	4.97G	200k	30k	RMS	4.96104G	-34.21	-32.03	-2.18	2	-	-
4.97G	4.98G	200k	30k	RMS	4.97058G	-46.45	-40.58	-5.87	2	-	-
4.98G	5G	200k	30k	RMS	4.98034G	-56.48	-50.00	-6.48	2	-	-
4.9G	4.93G	200k	30k	RMS	4.93996G	-56.94	-50.00	-6.94	3	-	-
4.93G	4.93G	200k	30k	RMS	4.93006G	-56.63	-49.92	-6.71	3	-	-
4.93G	4.939G	200k	30k	RMS	4.93996G	-33.71	-32.03	-1.68	3	-	-
4.939G	4.94G	200k	30k	RMS	4.93998G	-32.19	-31.64	-0.55	3	-	-
4.94G	4.941G	200k	30k	RMS	4.94G	-27.83	-26.00	-1.83	3	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	13.31	Inf	-Inf	3	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.96G	-28.54	-26.00	-2.54	3	-	-
4.96G	4.961G	200k	30k	RMS	4.96095G	-33.38	-31.70	-1.68	3	-	-
4.961G	4.97G	200k	30k	RMS	4.9612G	-34.33	-32.18	-2.15	3	-	-
4.97G	4.98G	200k	30k	RMS	4.97279G	-49.33	-42.78	-6.55	3	-	-
4.98G	5G	200k	30k	RMS	4.981G	-56.91	-50.00	-6.91	3	-	-
4.9G	4.93G	200k	30k	RMS	4.93G	-56.93	-50.00	-6.93	4	-	-
4.93G	4.93G	200k	30k	RMS	4.93028G	-56.64	-49.72	-6.92	4	-	-
4.93G	4.939G	200k	30k	RMS	4.9399G	-33.76	-32.00	-1.76	4	-	-
4.939G	4.94G	200k	30k	RMS	4.93903G	-32.83	-31.82	-1.01	4	-	-
4.94G	4.941G	200k	30k	RMS	4.94G	-28.60	-26.00	-2.60	4	-	-
4.941G	4.959G	200k	30k	RMS	4.95G	13.12	Inf	-Inf	4	Ref.CP 18M	-
4.959G	4.96G	200k	30k	RMS	4.95997G	-28.48	-25.22	-3.24	4	-	-
4.96G	4.961G	200k	30k	RMS	4.96091G	-32.72	-31.48	-1.24	4	-	-
4.961G	4.97G	200k	30k	RMS	4.9612G	-34.07	-32.18	-2.89	4	-	-
4.97G	4.98G	200k	30k	RMS	4.97998G	-56.89	-49.98	-6.91	4	-	-
4.98G	5G	200k	30k	RMS	4.98212G	-56.96	-50.00	-6.96	4	-	-

4.94-4.99GHz_11j_VHT20_20MHz_Nss1_4TX

Mask

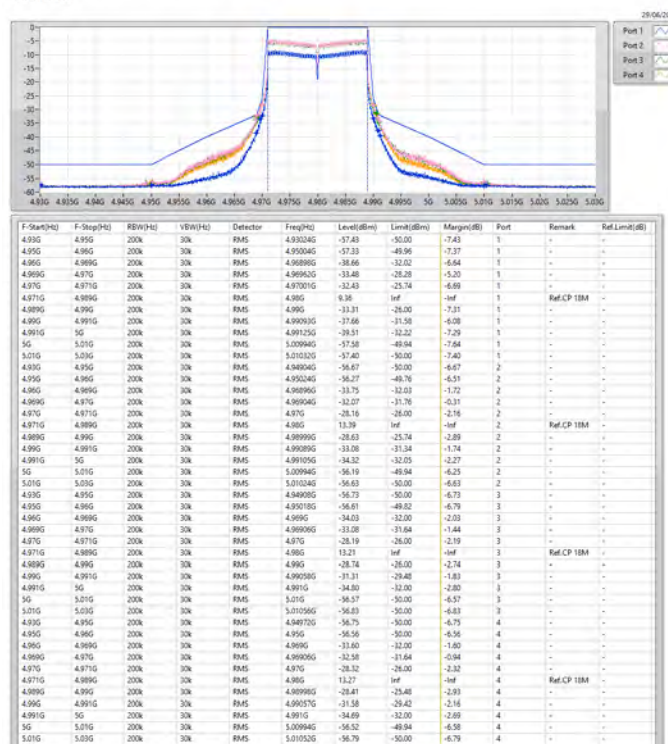
4965MHz



4.94-4.99GHz_11j_VHT20_20MHz_Nss1_4TX

Mask

4980MHz



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4.94-4.99GHz	-	-	-	-	-	-	-	-	-	-	-	-
11j,VHT10_10MHz_Nss1_1TX	Pass	13.618G	40G	1M	3M	RMS	14.95359G	-42.61	-40.08	-2.53	-	-
11j,VHT10_10MHz_Nss1_2TX	Pass	13.618G	40G	1M	3M	RMS	14.89093G	-43.94	-40.08	-3.86	-	-
11j,VHT10_10MHz_Nss1_4TX	Pass	13.618G	40G	1M	3M	RMS	14.89423G	-42.10	-40.08	-2.02	-	-
11j,VHT20_20MHz_Nss1_1TX	Pass	13.618G	40G	1M	3M	RMS	14.9404G	-45.81	-40.08	-5.73	-	-
11j,VHT20_20MHz_Nss1_2TX	Pass	13.618G	40G	1M	3M	RMS	14.9371G	-42.74	-40.08	-2.66	-	-
11j,VHT20_20MHz_Nss1_4TX	Pass	13.618G	40G	1M	3M	RMS	14.9371G	-41.01	-40.08	-0.93	-	-

PX=Port X; Psum=P1+.P2+...PX



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9k	150k	200	1k	RMS	119.896k	-67.56	-40.08	-27.48	-	-
4945MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-59.40	-40.08	-19.32	-	-
4945MHz	Pass	30M	1.5G	1M	3M	RMS	74.1M	-53.13	-40.08	-13.05	-	-
4945MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.924G	-54.45	-40.08	-14.37	-	-
4945MHz	Pass	4.924G	4.925G	100k	300k	RMS	4.9245G	-55.71	-40.08	-15.63	MBW 1M	-
4945MHz	Pass	4.965G	4.966G	100k	300k	RMS	4.9655G	-55.06	-40.08	-14.98	MBW 1M	-
4945MHz	Pass	4.966G	13.618G	1M	3M	RMS	5.56731G	-54.35	-40.08	-14.27	-	-
4945MHz	Pass	13.618G	40G	1M	3M	RMS	14.83157G	-51.67	-40.08	-11.59	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	119.579k	-68.22	-40.08	-28.14	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-61.37	-40.08	-21.29	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	48.19M	-53.55	-40.08	-13.47	-	-
4965MHz	Pass	1.5G	4.944G	1M	3M	RMS	4.94185G	-54.16	-40.08	-14.08	-	-
4965MHz	Pass	4.944G	4.945G	100k	300k	RMS	4.9445G	-55.30	-40.08	-15.22	MBW 1M	-
4965MHz	Pass	4.985G	4.986G	100k	300k	RMS	4.9855G	-54.68	-40.08	-14.60	MBW 1M	-
4965MHz	Pass	4.986G	13.618G	1M	3M	RMS	5.1554G	-54.17	-40.08	-14.09	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89423G	-46.01	-40.08	-5.93	-	-
4985MHz	Pass	9k	150k	200	1k	RMS	121.412k	-70.64	-40.08	-30.56	-	-
4985MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-61.98	-40.08	-21.90	-	-
4985MHz	Pass	30M	1.5G	1M	3M	RMS	82.74M	-53.82	-40.08	-13.74	-	-
4985MHz	Pass	1.5G	4.964G	1M	3M	RMS	4.96313G	-53.67	-40.08	-13.59	-	-
4985MHz	Pass	4.964G	4.965G	100k	300k	RMS	4.9645G	-55.04	-40.08	-14.96	MBW 1M	-
4985MHz	Pass	5.005G	5.006G	100k	300k	RMS	5.0055G	-54.29	-40.08	-14.21	MBW 1M	-
4985MHz	Pass	5.006G	13.618G	1M	3M	RMS	5.17286G	-54.79	-40.08	-14.71	-	-
4985MHz	Pass	13.618G	40G	1M	3M	RMS	14.95359G	-42.61	-40.08	-2.53	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9k	150k	200	1k	RMS	120.038k	-66.16	-40.08	-26.08	-	-
4945MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-50.77	-40.08	-10.69	-	-
4945MHz	Pass	30M	1.5G	1M	3M	RMS	50.03M	-50.62	-40.08	-10.54	-	-
4945MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.92357G	-52.48	-40.08	-12.40	-	-
4945MHz	Pass	4.924G	4.925G	100k	300k	RMS	4.9245G	-53.81	-40.08	-13.73	MBW 1M	-
4945MHz	Pass	4.965G	4.966G	100k	300k	RMS	4.9655G	-53.34	-40.08	-13.26	MBW 1M	-
4945MHz	Pass	4.966G	13.618G	1M	3M	RMS	5.13904G	-52.11	-40.08	-12.03	-	-
4945MHz	Pass	13.618G	40G	1M	3M	RMS	21.56558G	-50.10	-40.08	-10.02	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	120.355k	-66.78	-40.08	-26.70	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-52.89	-40.08	-12.81	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	49.66M	-50.02	-40.08	-9.94	-	-
4965MHz	Pass	1.5G	4.944G	1M	3M	RMS	4.94228G	-52.15	-40.08	-12.07	-	-
4965MHz	Pass	4.944G	4.945G	100k	300k	RMS	4.9445G	-53.38	-40.08	-13.30	MBW 1M	-
4965MHz	Pass	4.985G	4.986G	100k	300k	RMS	4.9855G	-53.04	-40.08	-12.96	MBW 1M	-
4965MHz	Pass	4.986G	13.618G	1M	3M	RMS	5.15864G	-51.28	-40.08	-11.20	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89093G	-43.94	-40.08	-3.86	-	-
4985MHz	Pass	9k	150k	200	1k	RMS	120.496k	-67.45	-40.08	-27.37	-	-
4985MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-65.01	-40.08	-24.93	-	-
4985MHz	Pass	30M	1.5G	1M	3M	RMS	49.29M	-51.31	-40.08	-11.23	-	-
4985MHz	Pass	1.5G	4.964G	1M	3M	RMS	4.95318G	-52.12	-40.08	-12.04	-	-
4985MHz	Pass	4.964G	4.965G	100k	300k	RMS	4.9645G	-53.63	-40.08	-13.55	MBW 1M	-
4985MHz	Pass	5.005G	5.006G	100k	300k	RMS	5.0055G	-52.93	-40.08	-12.85	MBW 1M	-
4985MHz	Pass	5.006G	13.618G	1M	3M	RMS	5.17824G	-51.53	-40.08	-11.45	-	-
4985MHz	Pass	13.618G	40G	1M	3M	RMS	21.47984G	-49.82	-40.08	-9.74	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9k	150k	200	1k	RMS	119.967k	-62.50	-40.08	-22.42	-	-
4945MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-49.42	-40.08	-9.34	-	-



Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4945MHz	Pass	30M	1.5G	1M	3M	RMS	89.54M	-48.34	-40.08	-8.26	-	-
4945MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.92314G	-49.52	-40.08	-9.44	-	-
4945MHz	Pass	4.924G	4.925G	100k	300k	RMS	4.9245G	-50.85	-40.08	-10.77	MBW 1M	-
4945MHz	Pass	4.965G	4.966G	100k	300k	RMS	4.9655G	-50.37	-40.08	-10.29	MBW 1M	-
4945MHz	Pass	4.966G	13.618G	1M	3M	RMS	5.13904G	-48.83	-40.08	-8.75	-	-
4945MHz	Pass	13.618G	40G	1M	3M	RMS	21.54249G	-47.19	-40.08	-7.11	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	119.544k	-64.52	-40.08	-24.44	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	13.56M	-48.85	-40.08	-8.77	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	50.21M	-47.40	-40.08	-7.32	-	-
4965MHz	Pass	1.5G	4.944G	1M	3M	RMS	4.9397G	-49.49	-40.08	-9.41	-	-
4965MHz	Pass	4.944G	4.945G	100k	300k	RMS	4.9445G	-50.62	-40.08	-10.54	MBW 1M	-
4965MHz	Pass	4.985G	4.986G	100k	300k	RMS	4.9855G	-50.27	-40.08	-10.19	MBW 1M	-
4965MHz	Pass	4.986G	13.618G	1M	3M	RMS	5.15648G	-48.92	-40.08	-8.84	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89423G	-42.10	-40.08	-2.02	-	-
4985MHz	Pass	9k	150k	200	1k	RMS	120.038k	-64.19	-40.08	-24.11	-	-
4985MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-61.46	-40.08	-21.38	-	-
4985MHz	Pass	30M	1.5G	1M	3M	RMS	50.03M	-48.81	-40.08	-8.73	-	-
4985MHz	Pass	1.5G	4.964G	1M	3M	RMS	4.96357G	-49.44	-40.08	-9.36	-	-
4985MHz	Pass	4.964G	4.965G	100k	300k	RMS	4.9645G	-50.59	-40.08	-10.51	MBW 1M	-
4985MHz	Pass	5.005G	5.006G	100k	300k	RMS	5.0055G	-50.02	-40.08	-9.94	MBW 1M	-
4985MHz	Pass	5.006G	13.618G	1M	3M	RMS	5.17824G	-49.06	-40.08	-8.98	-	-
4985MHz	Pass	13.618G	40G	1M	3M	RMS	21.52271G	-47.21	-40.08	-7.13	-	-
4.94-4.99GHz_11j_VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9k	150k	200	1k	RMS	120.355k	-68.52	-40.08	-28.44	-	-
4950MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-64.81	-40.08	-24.73	-	-
4950MHz	Pass	30M	1.5G	1M	3M	RMS	87.15M	-53.29	-40.08	-13.21	-	-
4950MHz	Pass	1.5G	4.909G	1M	3M	RMS	4.90772G	-54.99	-40.08	-14.91	-	-
4950MHz	Pass	4.909G	4.91G	200k	1M	RMS	4.9095G	-56.63	-40.08	-16.55	MBW 1M	-
4950MHz	Pass	4.99G	4.991G	200k	1M	RMS	4.9905G	-55.35	-40.08	-15.27	MBW 1M	-
4950MHz	Pass	4.991G	13.618G	1M	3M	RMS	4.991G	-54.39	-40.08	-14.31	-	-
4950MHz	Pass	13.618G	40G	1M	3M	RMS	14.84806G	-52.39	-40.08	-12.31	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	120.073k	-67.76	-40.08	-27.68	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-67.39	-40.08	-27.31	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	43.41M	-53.27	-40.08	-13.19	-	-
4965MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.8628G	-55.00	-40.08	-14.92	-	-
4965MHz	Pass	4.924G	4.925G	200k	1M	RMS	4.9245G	-56.38	-40.08	-16.30	MBW 1M	-
4965MHz	Pass	5.005G	5.006G	200k	1M	RMS	5.0055G	-55.03	-40.08	-14.95	MBW 1M	-
4965MHz	Pass	5.006G	13.618G	1M	3M	RMS	5.56793G	-54.65	-40.08	-14.57	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89423G	-46.52	-40.08	-6.44	-	-
4980MHz	Pass	9k	150k	200	1k	RMS	120.566k	-68.16	-40.08	-28.08	-	-
4980MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-66.54	-40.08	-26.46	-	-
4980MHz	Pass	30M	1.5G	1M	3M	RMS	44.52M	-53.66	-40.08	-13.58	-	-
4980MHz	Pass	1.5G	4.939G	1M	3M	RMS	4.93857G	-54.23	-40.08	-14.15	-	-
4980MHz	Pass	4.939G	4.94G	200k	1M	RMS	4.9395G	-56.05	-40.08	-15.97	MBW 1M	-
4980MHz	Pass	5.02G	5.021G	200k	1M	RMS	5.0205G	-54.80	-40.08	-14.72	MBW 1M	-
4980MHz	Pass	5.021G	13.618G	1M	3M	RMS	5.56798G	-54.69	-40.08	-14.61	-	-
4980MHz	Pass	13.618G	40G	1M	3M	RMS	14.9404G	-45.81	-40.08	-5.73	-	-
4.94-4.99GHz_11j_VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9k	150k	200	1k	RMS	119.967k	-68.10	-40.08	-28.02	-	-
4950MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-63.96	-40.08	-23.88	-	-
4950MHz	Pass	30M	1.5G	1M	3M	RMS	825.27M	-50.66	-40.08	-10.58	-	-
4950MHz	Pass	1.5G	4.909G	1M	3M	RMS	4.89366G	-52.63	-40.08	-12.55	-	-
4950MHz	Pass	4.909G	4.91G	200k	1M	RMS	4.9095G	-54.39	-40.08	-14.31	MBW 1M	-
4950MHz	Pass	4.99G	4.991G	200k	1M	RMS	4.9905G	-53.51	-40.08	-13.43	MBW 1M	-

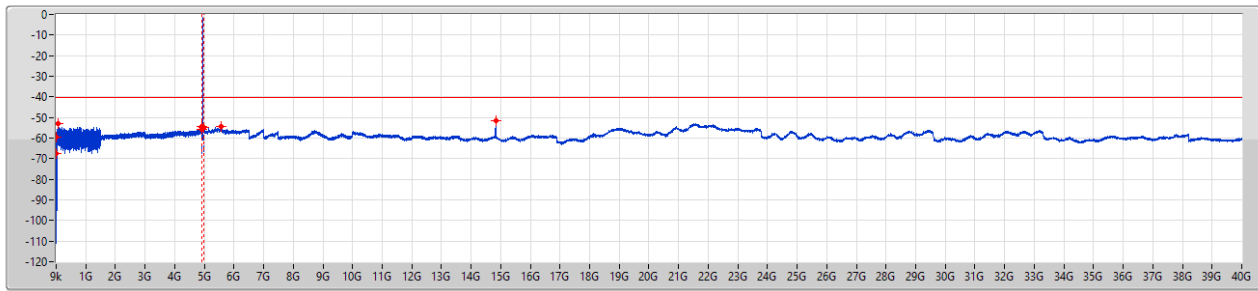
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4950MHz	Pass	4.991G	13.618G	1M	3M	RMS	5.13874G	-52.56	-40.08	-12.48	-	-
4950MHz	Pass	13.618G	40G	1M	3M	RMS	21.55239G	-49.45	-40.08	-9.37	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	120.143k	-67.13	-40.08	-27.05	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-63.36	-40.08	-23.28	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	1.42981G	-51.79	-40.08	-11.71	-	-
4965MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.9103G	-52.74	-40.08	-12.66	-	-
4965MHz	Pass	4.924G	4.925G	200k	1M	RMS	4.9245G	-54.22	-40.08	-14.14	MBW 1M	-
4965MHz	Pass	5.005G	5.006G	200k	1M	RMS	5.0055G	-53.29	-40.08	-13.21	MBW 1M	-
4965MHz	Pass	5.006G	13.618G	1M	3M	RMS	5.15886G	-52.32	-40.08	-12.24	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89753G	-46.12	-40.08	-6.04	-	-
4980MHz	Pass	9k	150k	200	1k	RMS	119.579k	-66.96	-40.08	-26.88	-	-
4980MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-65.73	-40.08	-25.65	-	-
4980MHz	Pass	30M	1.5G	1M	3M	RMS	1.01453G	-51.63	-40.08	-11.55	-	-
4980MHz	Pass	1.5G	4.939G	1M	3M	RMS	4.93298G	-52.19	-40.08	-12.11	-	-
4980MHz	Pass	4.939G	4.94G	200k	1M	RMS	4.9395G	-54.08	-40.08	-14.00	MBW 1M	-
4980MHz	Pass	5.02G	5.021G	200k	1M	RMS	5.0205G	-53.15	-40.08	-13.07	MBW 1M	-
4980MHz	Pass	5.021G	13.618G	1M	3M	RMS	5.33264G	-52.87	-40.08	-12.79	-	-
4980MHz	Pass	13.618G	40G	1M	3M	RMS	14.9371G	-42.74	-40.08	-2.66	-	-
4.94-4.99GHz_11j_VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9k	150k	200	1k	RMS	120.355k	-64.11	-40.08	-24.03	-	-
4950MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-61.54	-40.08	-21.46	-	-
4950MHz	Pass	30M	1.5G	1M	3M	RMS	147.97M	-48.69	-40.08	-8.61	-	-
4950MHz	Pass	1.5G	4.909G	1M	3M	RMS	4.8992G	-49.60	-40.08	-9.52	-	-
4950MHz	Pass	4.909G	4.91G	200k	1M	RMS	4.9095G	-51.21	-40.08	-11.13	MBW 1M	-
4950MHz	Pass	4.99G	4.991G	200k	1M	RMS	4.9905G	-50.38	-40.08	-10.30	MBW 1M	-
4950MHz	Pass	4.991G	13.618G	1M	3M	RMS	5.1355G	-49.77	-40.08	-9.69	-	-
4950MHz	Pass	13.618G	40G	1M	3M	RMS	21.49962G	-46.48	-40.08	-6.40	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	119.544k	-63.76	-40.08	-23.68	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-61.70	-40.08	-21.62	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	43.97M	-49.19	-40.08	-9.11	-	-
4965MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.92143G	-49.47	-40.08	-9.39	-	-
4965MHz	Pass	4.924G	4.925G	200k	1M	RMS	4.9245G	-51.07	-40.08	-10.99	MBW 1M	-
4965MHz	Pass	5.005G	5.006G	200k	1M	RMS	5.0055G	-50.26	-40.08	-10.18	MBW 1M	-
4965MHz	Pass	5.006G	13.618G	1M	3M	RMS	5.16425G	-49.78	-40.08	-9.70	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89423G	-42.67	-40.08	-2.59	-	-
4980MHz	Pass	9k	150k	200	1k	RMS	120.178k	-63.72	-40.08	-23.64	-	-
4980MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-59.80	-40.08	-19.72	-	-
4980MHz	Pass	30M	1.5G	1M	3M	RMS	39.56M	-49.54	-40.08	-9.46	-	-
4980MHz	Pass	1.5G	4.939G	1M	3M	RMS	4.93384G	-49.48	-40.08	-9.40	-	-
4980MHz	Pass	4.939G	4.94G	200k	1M	RMS	4.9395G	-50.95	-40.08	-10.87	MBW 1M	-
4980MHz	Pass	5.02G	5.021G	200k	1M	RMS	5.0205G	-50.11	-40.08	-10.03	MBW 1M	-
4980MHz	Pass	5.021G	13.618G	1M	3M	RMS	5.17897G	-49.60	-40.08	-9.52	-	-
4980MHz	Pass	13.618G	40G	1M	3M	RMS	14.9371G	-41.01	-40.08	-0.93	-	-

PX=Port X; Psum=P1+.P2+...PX

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

CSE-TX-Sum

4945MHz

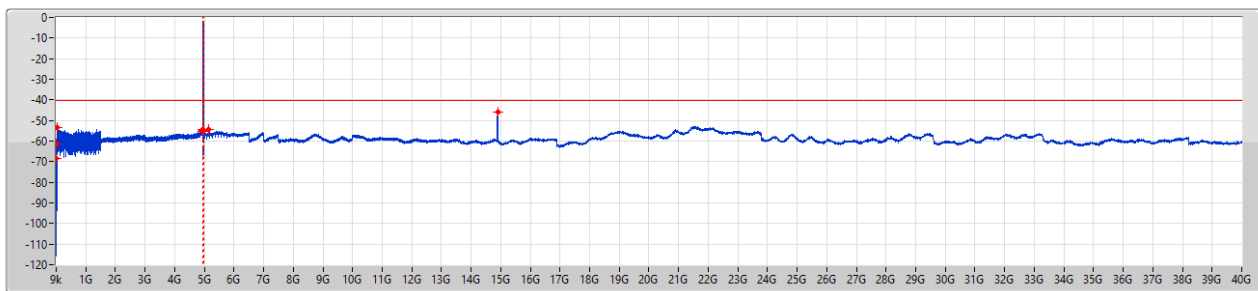


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	119.896k	-67.56	-40.08	-27.48	-	-
150k	30M	10k	30k	RMS	13.56M	-59.40	-40.08	-19.32	-	-
30M	1.5G	1M	3M	RMS	74.1M	-53.13	-40.08	-13.05	-	-
1.5G	4.924G	1M	3M	RMS	4.924G	-54.45	-40.08	-14.37	-	-
4.924G	4.925G	100k	300k	RMS	4.9245G	-55.71	-40.08	-15.63	MBW 1M	-
4.965G	4.966G	100k	300k	RMS	4.9655G	-55.06	-40.08	-14.98	MBW 1M	-
4.966G	13.618G	1M	3M	RMS	5.56731G	-54.35	-40.08	-14.27	-	-
13.618G	40G	1M	3M	RMS	14.83157G	-51.67	-40.08	-11.59	-	-

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX

CSE-TX-Sum

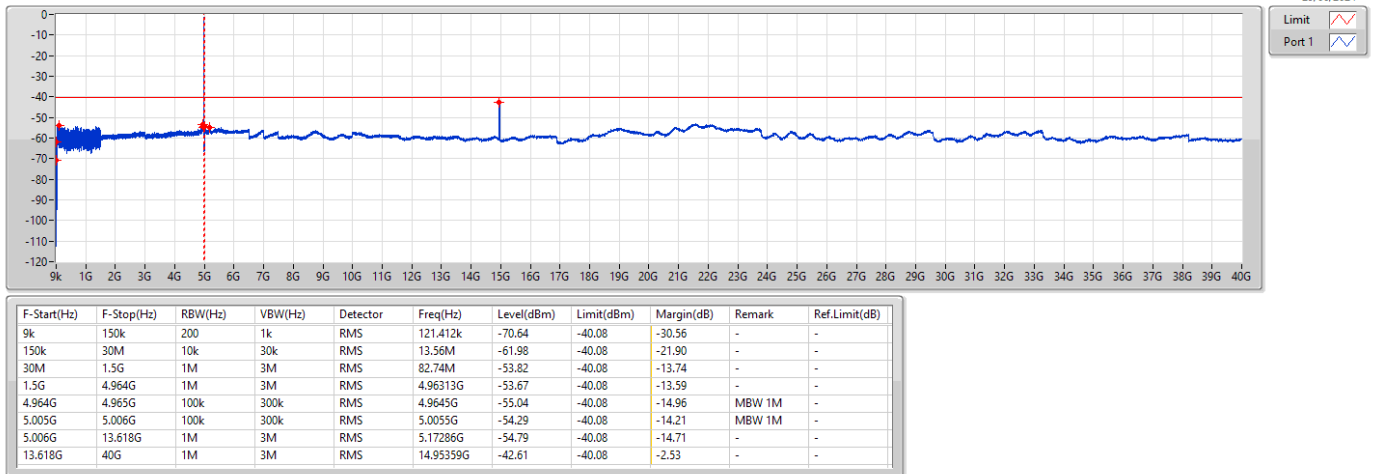
4965MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	119.579k	-68.22	-40.08	-28.14	-	-
150k	30M	10k	30k	RMS	13.56M	-61.37	-40.08	-21.29	-	-
30M	1.5G	1M	3M	RMS	48.19M	-53.55	-40.08	-13.47	-	-
1.5G	4.944G	1M	3M	RMS	4.94185G	-54.16	-40.08	-14.08	-	-
4.944G	4.945G	100k	300k	RMS	4.9445G	-55.30	-40.08	-15.22	MBW 1M	-
4.985G	4.986G	100k	300k	RMS	4.9855G	-54.68	-40.08	-14.60	MBW 1M	-
4.986G	13.618G	1M	3M	RMS	5.1554G	-54.17	-40.08	-14.09	-	-
13.618G	40G	1M	3M	RMS	14.89423G	-46.01	-40.08	-5.93	-	-

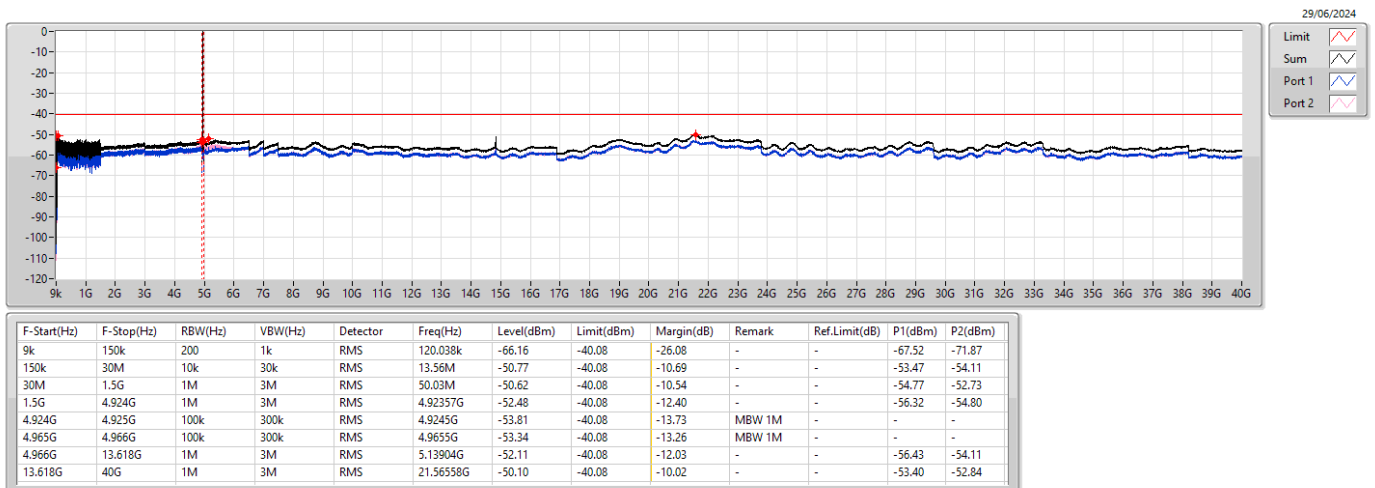
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX 4985MHz

CSE-TX-Sum



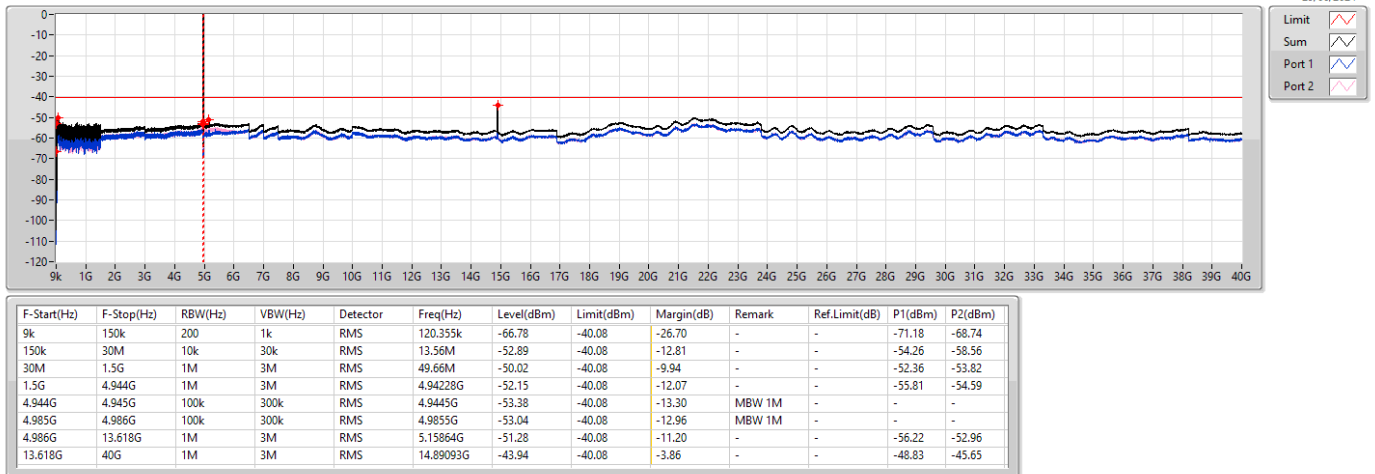
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX 4945MHz

CSE-TX-Sum

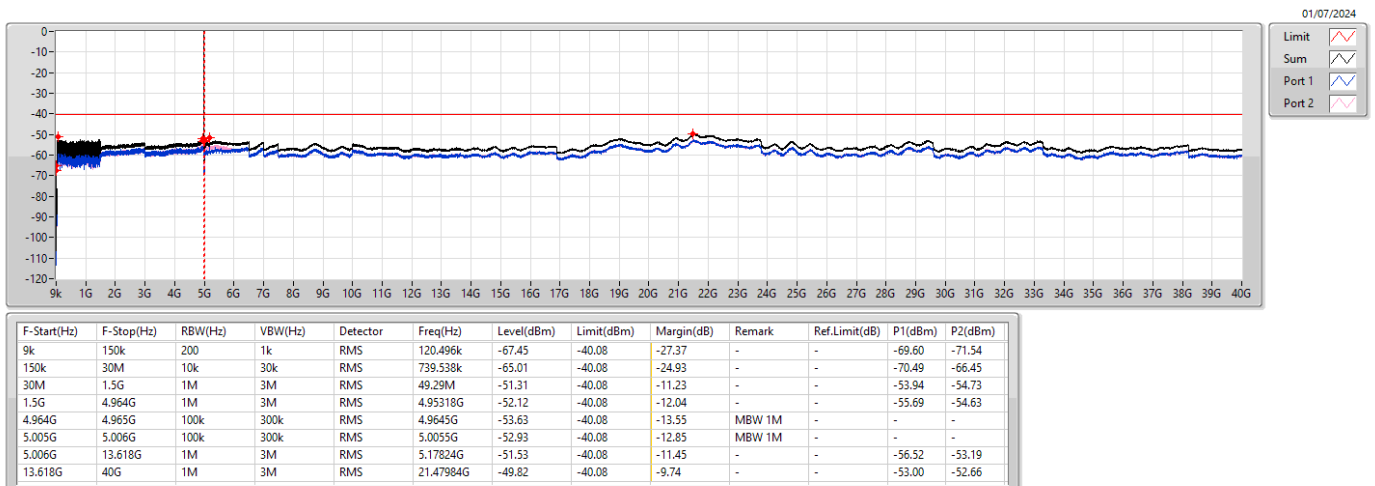


4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4965MHz

CSE-TX-Sum

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4985MHz

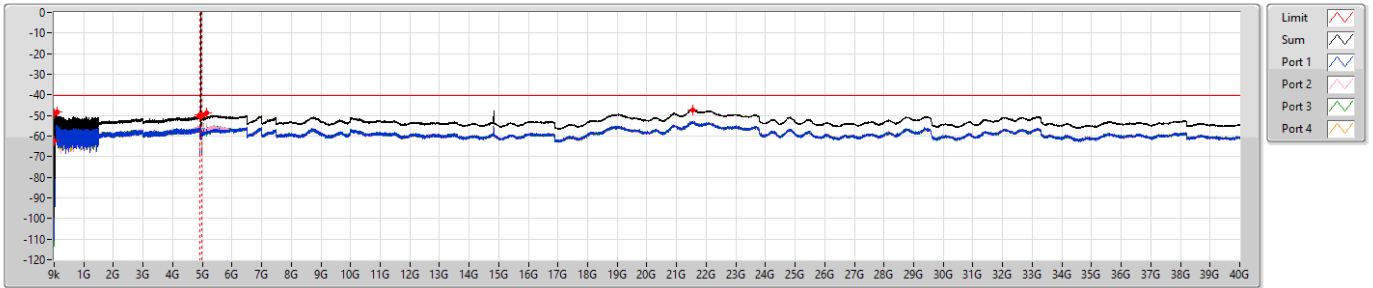
CSE-TX-Sum



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

CSE-TX-Sum

4945MHz

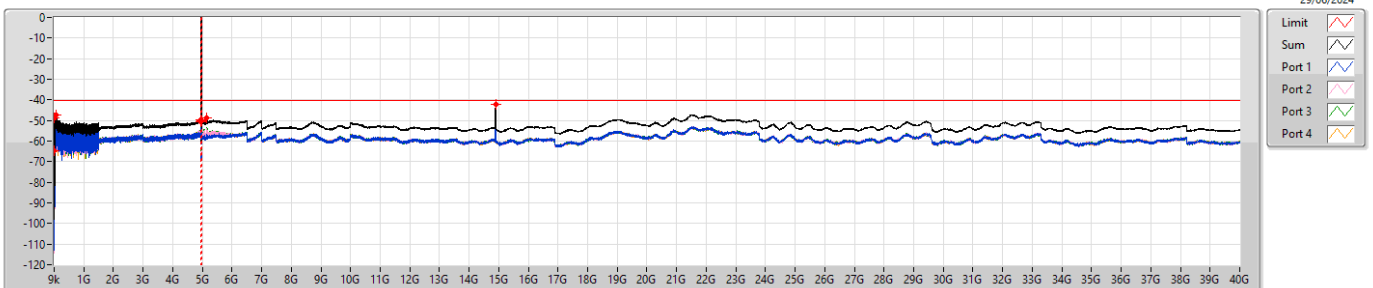


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	1k	RMS	119.967k	-62.50	-40.08	-22.42	-	-	-66.35	-71.50	-68.77	-68.96
150k	30M	10k	30k	RMS	13.56M	-49.42	-40.08	-9.34	-	-	-53.91	-55.94	-55.35	-57.19
30M	1.5G	1M	3M	RMS	89.54M	-48.34	-40.08	-8.26	-	-	-56.65	-51.98	-53.60	-57.46
1.5G	4.924G	1M	3M	RMS	4.92314G	-49.52	-40.08	-9.44	-	-	-56.44	-56.01	-54.85	-55.07
4.924G	4.925G	100k	300k	RMS	4.9245G	-50.85	-40.08	-10.77	MBW 1M	-	-	-	-	-
4.965G	4.966G	100k	300k	RMS	4.9655G	-50.37	-40.08	-10.29	MBW 1M	-	-	-	-	-
4.966G	13.618G	1M	3M	RMS	5.13904G	-48.83	-40.08	-8.75	-	-	-56.64	-54.01	-53.96	-55.32
13.618G	40G	1M	3M	RMS	21.54249G	-47.19	-40.08	-7.11	-	-	-53.02	-53.25	-53.62	-53.00

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX

CSE-TX-Sum

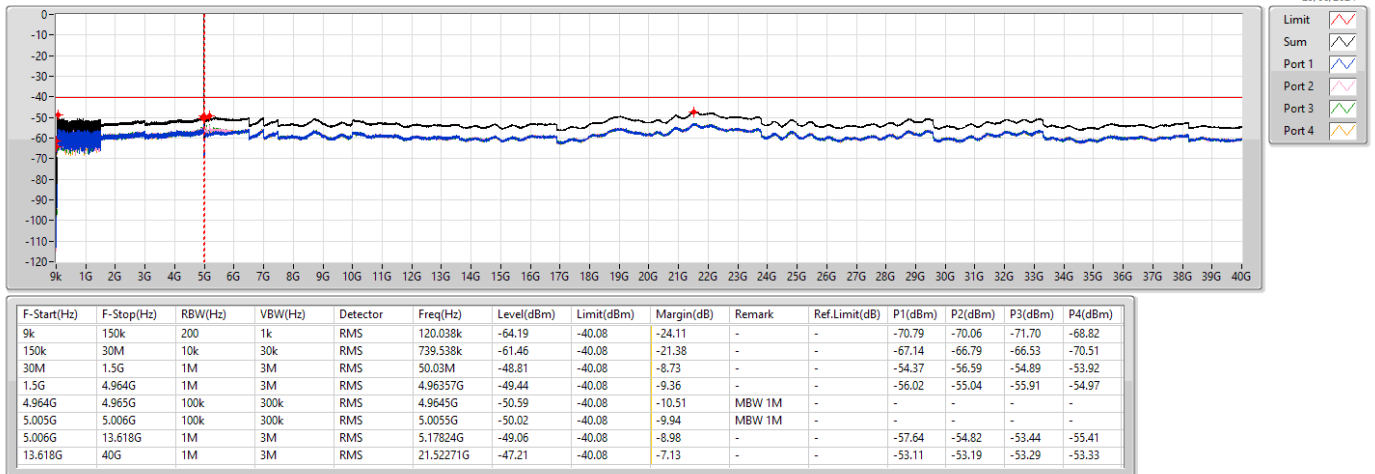
4965MHz



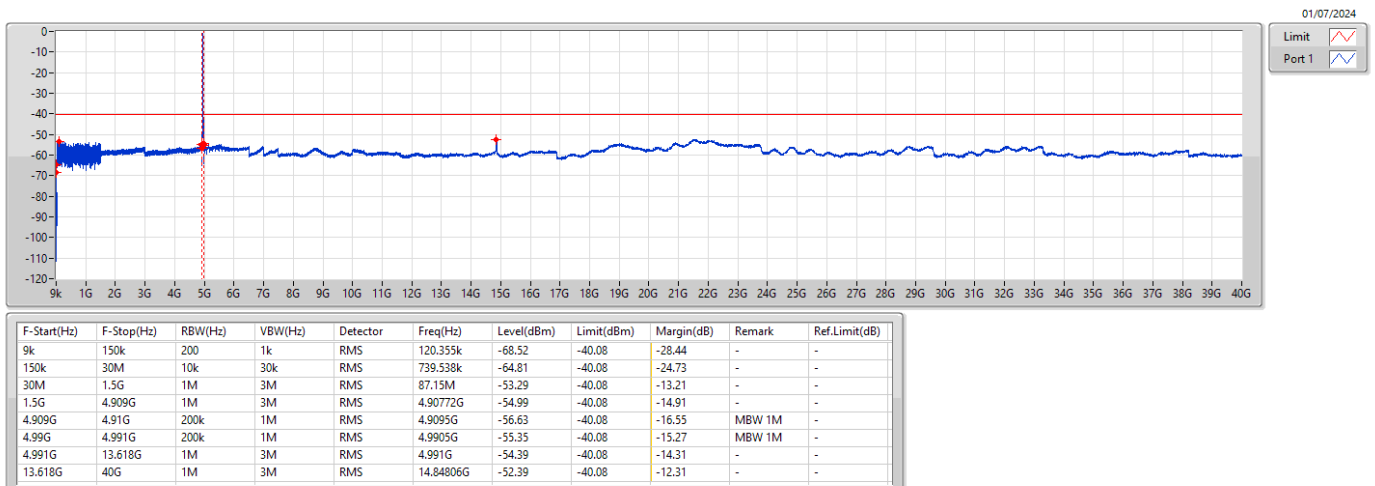
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	1k	RMS	119.544k	-64.52	-40.08	-24.44	-	-	-76.33	-69.42	-72.69	-67.90
150k	30M	10k	30k	RMS	13.56M	-48.85	-40.08	-8.77	-	-	-54.22	-55.94	-56.60	-53.45
30M	1.5G	1M	3M	RMS	50.21M	-47.40	-40.08	-7.32	-	-	-52.71	-57.85	-53.36	-51.82
1.5G	4.944G	1M	3M	RMS	4.9397G	-49.49	-40.08	-9.41	-	-	-55.88	-55.56	-54.84	-55.83
4.944G	4.945G	100k	300k	RMS	4.9445G	-50.62	-40.08	-10.54	MBW 1M	-	-	-	-	-
4.985G	4.986G	100k	300k	RMS	4.9855G	-50.27	-40.08	-10.19	MBW 1M	-	-	-	-	-
4.986G	13.618G	1M	3M	RMS	5.15648G	-48.92	-40.08	-8.84	-	-	-56.60	-54.35	-53.67	-55.76
13.618G	40G	1M	3M	RMS	14.89423G	-42.10	-40.08	-2.02	-	-	-52.32	-47.32	-46.54	-48.22

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4985MHz

CSE-TX-Sum

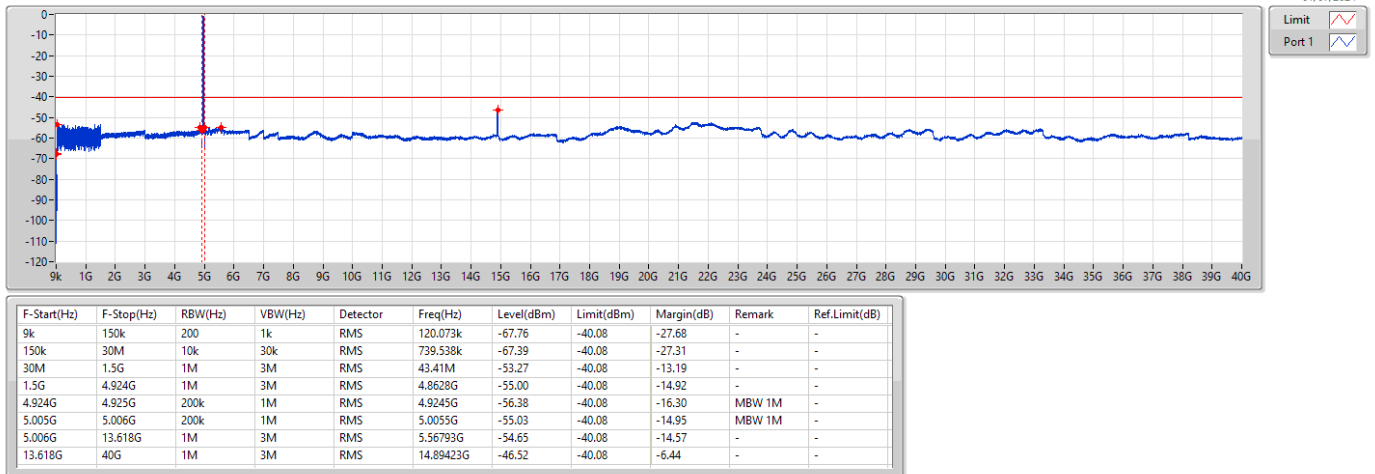
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

CSE-TX-Sum

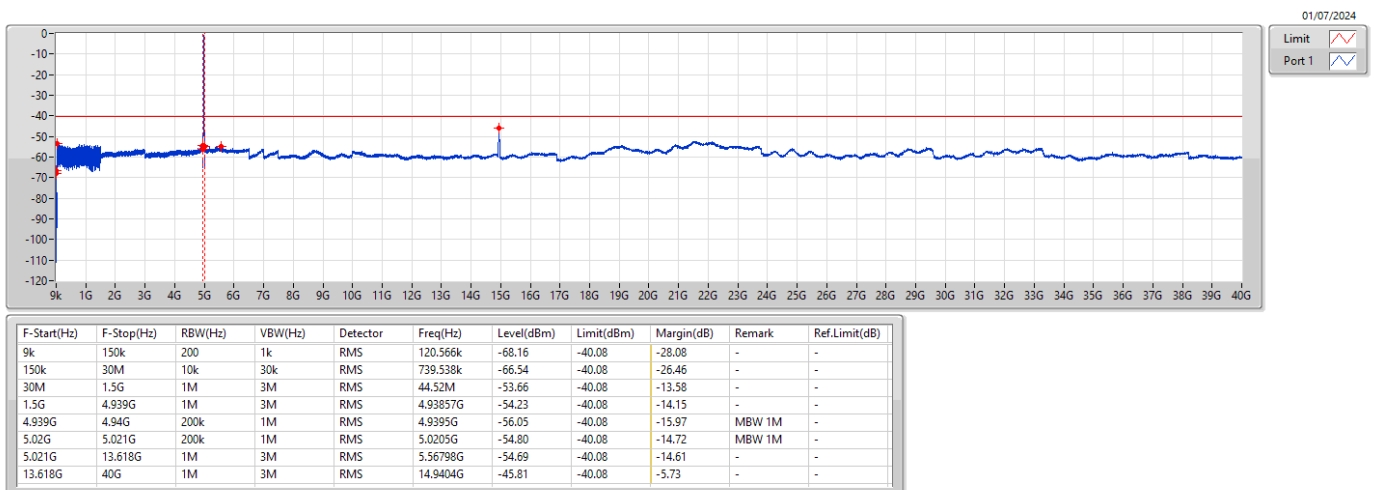


4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

CSE-TX-Sum

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

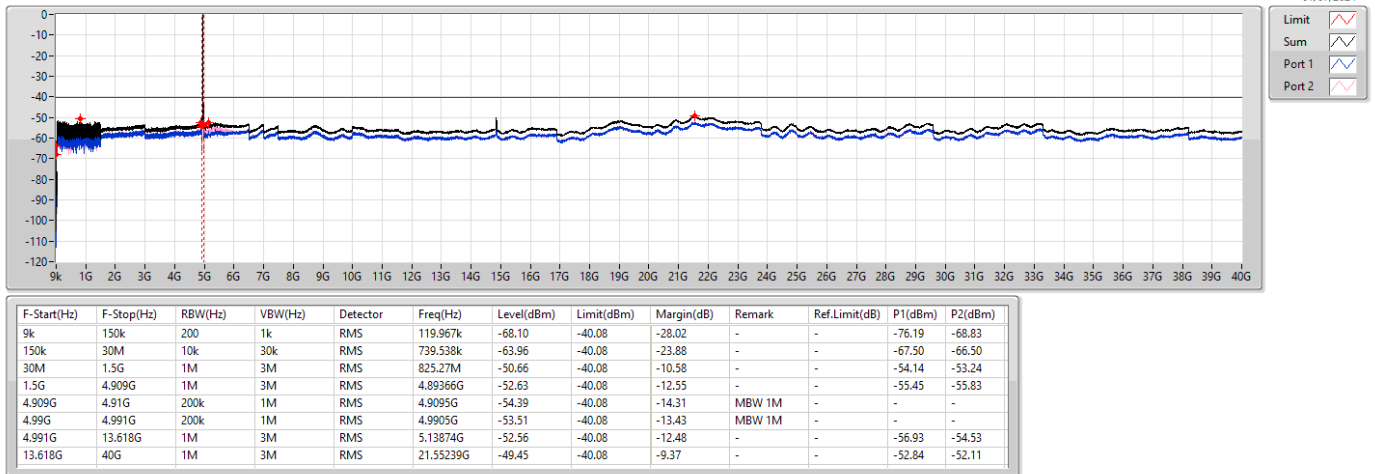
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4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

CSE-TX-Sum

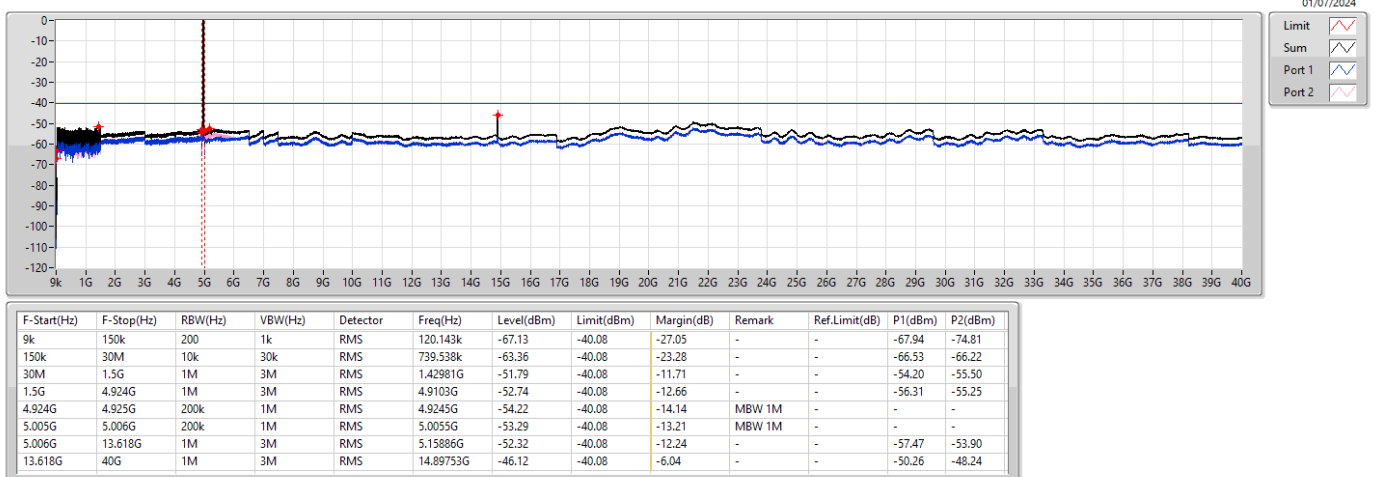
4950MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

CSE-TX-Sum

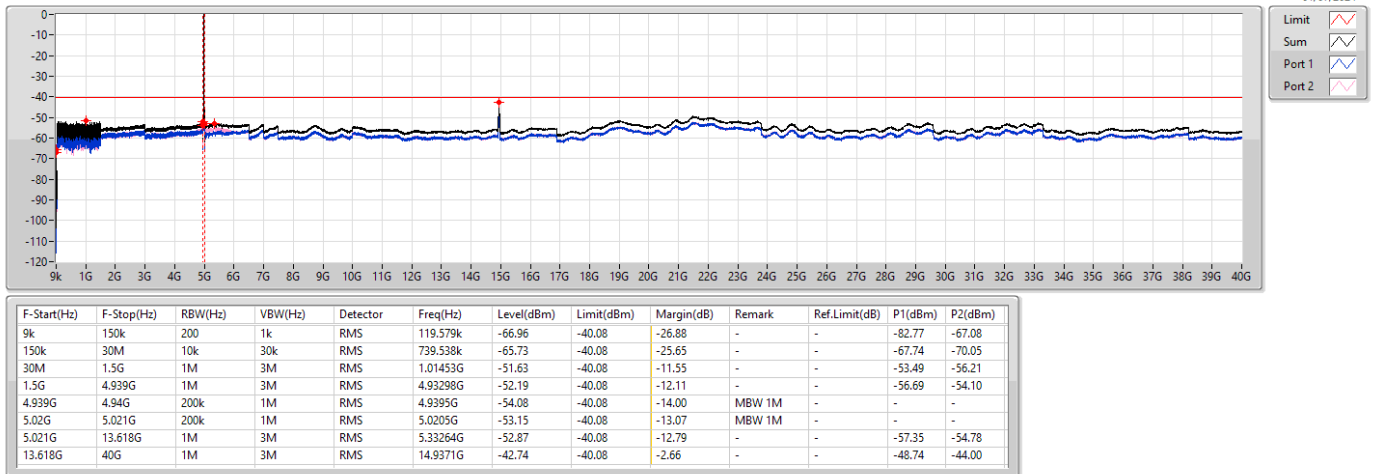
4965MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

CSE-TX-Sum

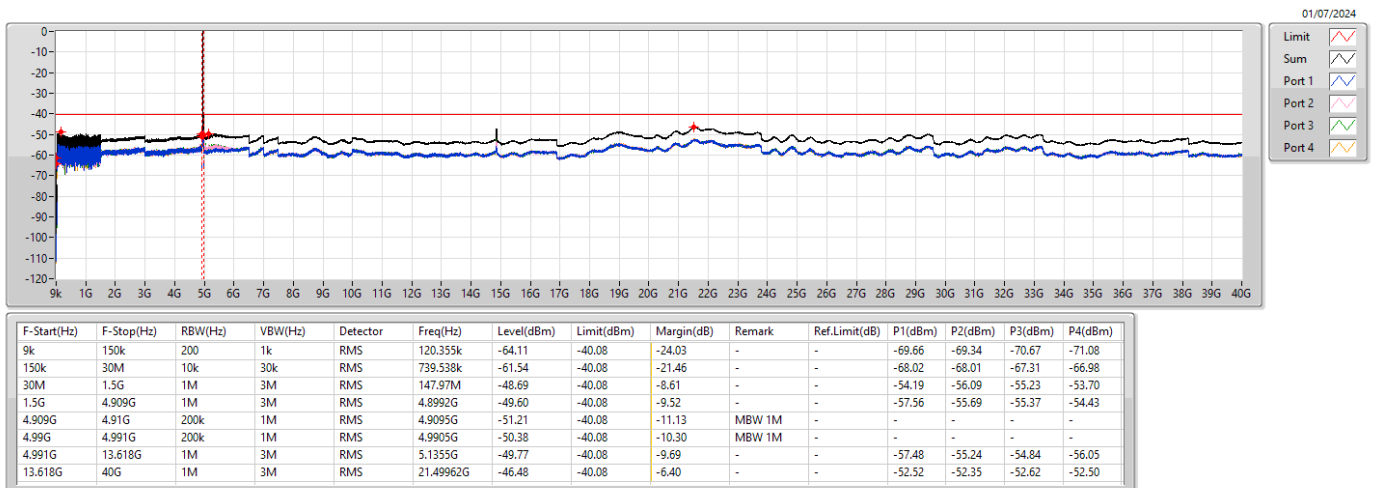
4980MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

CSE-TX-Sum

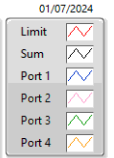
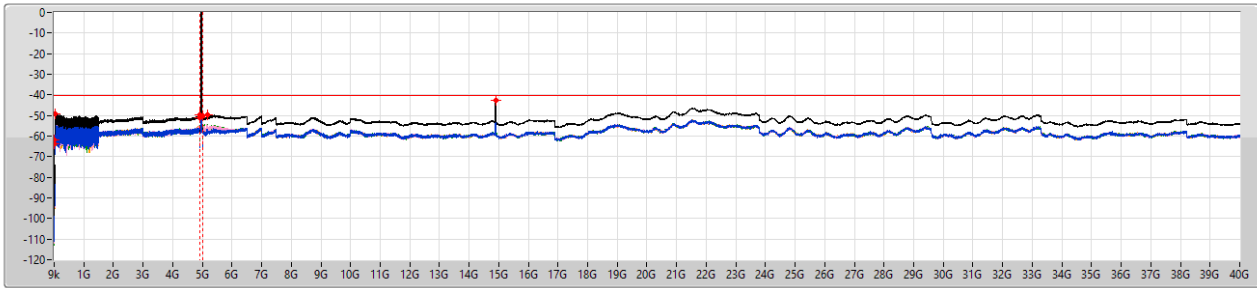
4950MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

CSE-TX-Sum

4965MHz

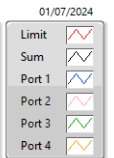
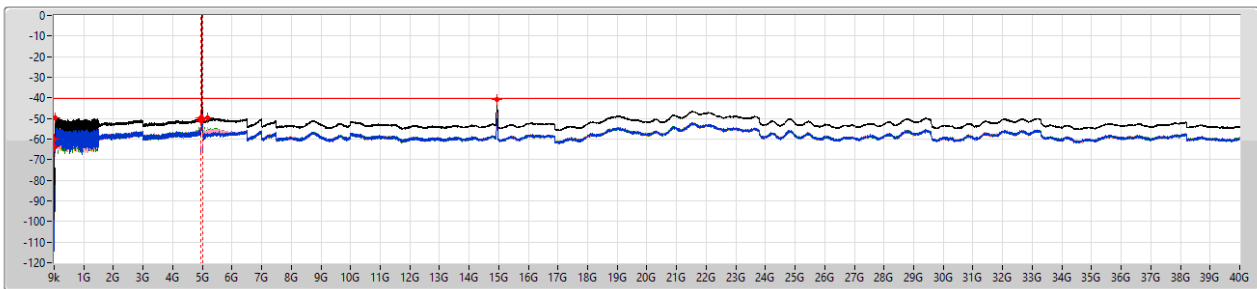


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	1k	RMS	119.544k	-63.76	-40.08	-23.68	-	-	-71.89	-69.65	-66.89	-73.70
150k	30M	10k	30k	RMS	739.538k	-61.70	-40.08	-21.62	-	-	-66.79	-71.01	-67.13	-67.12
30M	1.5G	1M	3M	RMS	43.97M	-49.19	-40.08	-9.11	-	-	-56.49	-54.22	-53.90	-57.13
1.5G	4.924G	1M	3M	RMS	4.92143G	-49.47	-40.08	-9.39	-	-	-56.73	-55.54	-54.96	-54.96
4.924G	4.925G	200k	1M	RMS	4.9245G	-51.07	-40.08	-10.99	MBW 1M	-	-	-	-	-
5.005G	5.006G	200k	1M	RMS	5.0055G	-50.26	-40.08	-10.18	MBW 1M	-	-	-	-	-
5.006G	13.618G	1M	3M	RMS	5.16425G	-49.78	-40.08	-9.70	-	-	-58.18	-54.99	-54.33	-56.68
13.618G	40G	1M	3M	RMS	14.89423G	-42.67	-40.08	-2.59	-	-	-53.74	-47.41	-46.71	-49.84

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

CSE-TX-Sum

4980MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	1k	RMS	120.178k	-63.72	-40.08	-23.64	-	-	-69.27	-67.69	-71.28	-72.07
150k	30M	10k	30k	RMS	739.538k	-59.80	-40.08	-19.72	-	-	-66.73	-67.37	-64.16	-65.73
30M	1.5G	1M	3M	RMS	39.56M	-49.54	-40.08	-9.46	-	-	-53.58	-56.96	-55.77	-56.82
1.5G	4.939G	1M	3M	RMS	4.93384G	-49.48	-40.08	-9.40	-	-	-55.91	-55.78	-55.65	-54.76
4.939G	4.94G	200k	1M	RMS	4.9395G	-50.95	-40.08	-10.87	MBW 1M	-	-	-	-	-
5.02G	5.021G	200k	1M	RMS	5.0205G	-50.11	-40.08	-10.03	MBW 1M	-	-	-	-	-
5.021G	13.618G	1M	3M	RMS	5.17897G	-49.60	-40.08	-9.52	-	-	-57.30	-54.66	-54.56	-56.62
13.618G	40G	1M	3M	RMS	14.9371G	-41.01	-40.08	-0.93	-	-	-52.39	-47.71	-44.13	-47.47

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4.94-4.99GHz	-	-	-	-	-	-	-	-	-	-	-	-
11j,VHT10_10MHz_Nss1_1TX	Pass	13.618G	40G	1M	3M	RMS	14.95689G	-51.47	-40.08	-11.39	-	-
11j,VHT10_10MHz_Nss1_2TX	Pass	13.618G	40G	1M	3M	RMS	14.95359G	-47.16	-40.08	-7.08	-	-
11j,VHT10_10MHz_Nss1_4TX	Pass	13.618G	40G	1M	3M	RMS	14.95689G	-44.95	-40.08	-4.87	-	-
11j,VHT20_20MHz_Nss1_1TX	Pass	13.618G	40G	1M	3M	RMS	14.9437G	-51.88	-40.08	-11.80	-	-
11j,VHT20_20MHz_Nss1_2TX	Pass	13.618G	40G	1M	3M	RMS	14.9437G	-49.14	-40.08	-9.06	-	-
11j,VHT20_20MHz_Nss1_4TX	Pass	13.618G	40G	1M	3M	RMS	14.9437G	-45.35	-40.08	-5.27	-	-

PX=Port X; Psum=P1+.P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9k	150k	200	1k	RMS	120.002k	-67.44	-40.08	-27.36	-	-
4945MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-67.66	-40.08	-27.58	-	-
4945MHz	Pass	30M	1.5G	1M	3M	RMS	89.35M	-53.90	-40.08	-13.82	-	-
4945MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.921G	-54.53	-40.08	-14.45	-	-
4945MHz	Pass	4.924G	4.925G	100k	300k	RMS	4.9245G	-55.96	-40.08	-15.88	MBW 1M	-
4945MHz	Pass	4.965G	4.966G	100k	300k	RMS	4.9655G	-55.68	-40.08	-15.60	MBW 1M	-
4945MHz	Pass	4.966G	13.618G	1M	3M	RMS	6.46171G	-55.41	-40.08	-15.33	-	-
4945MHz	Pass	13.618G	40G	1M	3M	RMS	21.57877G	-52.65	-40.08	-12.57	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	119.896k	-67.92	-40.08	-27.84	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-67.55	-40.08	-27.47	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	1.37615G	-53.89	-40.08	-13.81	-	-
4965MHz	Pass	1.5G	4.944G	1M	3M	RMS	4.944G	-54.63	-40.08	-14.55	-	-
4965MHz	Pass	4.944G	4.945G	100k	300k	RMS	4.9445G	-55.47	-40.08	-15.39	MBW 1M	-
4965MHz	Pass	4.985G	4.986G	100k	300k	RMS	4.9855G	-55.20	-40.08	-15.12	MBW 1M	-
4965MHz	Pass	4.986G	13.618G	1M	3M	RMS	6.50523G	-55.49	-40.08	-15.41	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	14.89423G	-52.00	-40.08	-11.92	-	-
4985MHz	Pass	9k	150k	200	1k	RMS	120.214k	-69.09	-40.08	-29.01	-	-
4985MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-66.65	-40.08	-26.57	-	-
4985MHz	Pass	30M	1.5G	1M	3M	RMS	226.98M	-53.47	-40.08	-13.39	-	-
4985MHz	Pass	1.5G	4.964G	1M	3M	RMS	4.96313G	-55.19	-40.08	-15.11	-	-
4985MHz	Pass	4.964G	4.965G	100k	300k	RMS	4.9645G	-56.26	-40.08	-16.18	MBW 1M	-
4985MHz	Pass	5.005G	5.006G	100k	300k	RMS	5.0055G	-56.05	-40.08	-15.97	MBW 1M	-
4985MHz	Pass	5.006G	13.618G	1M	3M	RMS	6.49695G	-55.47	-40.08	-15.39	-	-
4985MHz	Pass	13.618G	40G	1M	3M	RMS	14.95689G	-51.47	-40.08	-11.39	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9k	150k	200	1k	RMS	120.425k	-67.59	-40.08	-27.51	-	-
4945MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-61.95	-40.08	-21.87	-	-
4945MHz	Pass	30M	1.5G	1M	3M	RMS	114.71M	-51.84	-40.08	-11.76	-	-
4945MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.92357G	-52.69	-40.08	-12.61	-	-
4945MHz	Pass	4.924G	4.925G	100k	300k	RMS	4.9245G	-54.90	-40.08	-14.82	MBW 1M	-
4945MHz	Pass	4.965G	4.966G	100k	300k	RMS	4.9655G	-54.70	-40.08	-14.62	MBW 1M	-
4945MHz	Pass	4.966G	13.618G	1M	3M	RMS	6.49524G	-52.60	-40.08	-12.52	-	-
4945MHz	Pass	13.618G	40G	1M	3M	RMS	21.55898G	-49.88	-40.08	-9.80	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	120.355k	-66.86	-40.08	-26.78	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-63.50	-40.08	-23.42	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	100.93M	-51.65	-40.08	-11.57	-	-
4965MHz	Pass	1.5G	4.944G	1M	3M	RMS	4.944G	-52.91	-40.08	-12.83	-	-
4965MHz	Pass	4.944G	4.945G	100k	300k	RMS	4.9445G	-54.57	-40.08	-14.49	MBW 1M	-
4965MHz	Pass	4.985G	4.986G	100k	300k	RMS	4.9855G	-54.63	-40.08	-14.55	MBW 1M	-
4965MHz	Pass	4.986G	13.618G	1M	3M	RMS	6.99726G	-52.63	-40.08	-12.55	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	21.59196G	-49.81	-40.08	-9.73	-	-
4985MHz	Pass	9k	150k	200	1k	RMS	120.002k	-65.56	-40.08	-25.48	-	-
4985MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-63.51	-40.08	-23.43	-	-
4985MHz	Pass	30M	1.5G	1M	3M	RMS	1.42172G	-51.92	-40.08	-11.84	-	-
4985MHz	Pass	1.5G	4.964G	1M	3M	RMS	4.95967G	-52.93	-40.08	-12.85	-	-
4985MHz	Pass	4.964G	4.965G	100k	300k	RMS	4.9645G	-54.29	-40.08	-14.21	MBW 1M	-
4985MHz	Pass	5.005G	5.006G	100k	300k	RMS	5.0055G	-54.36	-40.08	-14.28	MBW 1M	-
4985MHz	Pass	5.006G	13.618G	1M	3M	RMS	6.4765G	-52.41	-40.08	-12.33	-	-
4985MHz	Pass	13.618G	40G	1M	3M	RMS	14.95359G	-47.16	-40.08	-7.08	-	-
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
4945MHz	Pass	9k	150k	200	1k	RMS	120.602k	-63.89	-40.08	-23.81	-	-
4945MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-60.74	-40.08	-20.66	-	-



Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4945MHz	Pass	30M	1.5G	1M	3M	RMS	94.31M	-49.55	-40.08	-9.47	-	-
4945MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.92272G	-50.04	-40.08	-9.96	-	-
4945MHz	Pass	4.924G	4.925G	100k	300k	RMS	4.9245G	-51.70	-40.08	-11.62	MBW 1M	-
4945MHz	Pass	4.965G	4.966G	100k	300k	RMS	4.9655G	-51.55	-40.08	-11.47	MBW 1M	-
4945MHz	Pass	4.966G	13.618G	1M	3M	RMS	7.00463G	-49.66	-40.08	-9.58	-	-
4945MHz	Pass	13.618G	40G	1M	3M	RMS	21.5392G	-46.78	-40.08	-6.70	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	120.284k	-64.27	-40.08	-24.19	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-60.21	-40.08	-20.13	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	63.63M	-49.34	-40.08	-9.26	-	-
4965MHz	Pass	1.5G	4.944G	1M	3M	RMS	4.9384G	-50.04	-40.08	-9.96	-	-
4965MHz	Pass	4.944G	4.945G	100k	300k	RMS	4.9445G	-51.39	-40.08	-11.31	MBW 1M	-
4965MHz	Pass	4.985G	4.986G	100k	300k	RMS	4.9855G	-51.52	-40.08	-11.44	MBW 1M	-
4965MHz	Pass	4.986G	13.618G	1M	3M	RMS	6.49228G	-49.76	-40.08	-9.68	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	21.51941G	-46.92	-40.08	-6.84	-	-
4985MHz	Pass	9k	150k	200	1k	RMS	120.073k	-63.86	-40.08	-23.78	-	-
4985MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-61.07	-40.08	-20.99	-	-
4985MHz	Pass	30M	1.5G	1M	3M	RMS	100.01M	-49.56	-40.08	-9.48	-	-
4985MHz	Pass	1.5G	4.964G	1M	3M	RMS	4.964G	-49.75	-40.08	-9.67	-	-
4985MHz	Pass	4.964G	4.965G	100k	300k	RMS	4.9645G	-51.35	-40.08	-11.27	MBW 1M	-
4985MHz	Pass	5.005G	5.006G	100k	300k	RMS	5.0055G	-51.44	-40.08	-11.36	MBW 1M	-
4985MHz	Pass	5.006G	13.618G	1M	3M	RMS	6.50664G	-49.70	-40.08	-9.62	-	-
4985MHz	Pass	13.618G	40G	1M	3M	RMS	14.95689G	-44.95	-40.08	-4.87	-	-
4.94-4.99GHz_11j.VHT20_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9k	150k	200	1k	RMS	119.861k	-66.57	-40.08	-26.49	-	-
4950MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-66.83	-40.08	-26.75	-	-
4950MHz	Pass	30M	1.5G	1M	3M	RMS	145.58M	-53.42	-40.08	-13.34	-	-
4950MHz	Pass	1.5G	4.909G	1M	3M	RMS	4.90303G	-55.61	-40.08	-15.53	-	-
4950MHz	Pass	4.909G	4.91G	200k	1M	RMS	4.9095G	-57.23	-40.08	-17.15	MBW 1M	-
4950MHz	Pass	4.99G	4.991G	200k	1M	RMS	4.9905G	-56.71	-40.08	-16.63	MBW 1M	-
4950MHz	Pass	4.991G	13.618G	1M	3M	RMS	7.0054G	-55.28	-40.08	-15.20	-	-
4950MHz	Pass	13.618G	40G	1M	3M	RMS	21.51941G	-52.32	-40.08	-12.24	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	121.448k	-67.82	-40.08	-27.74	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-64.24	-40.08	-24.16	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	79.06M	-52.82	-40.08	-12.74	-	-
4965MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.924G	-54.38	-40.08	-14.30	-	-
4965MHz	Pass	4.924G	4.925G	200k	1M	RMS	4.9245G	-55.85	-40.08	-15.77	MBW 1M	-
4965MHz	Pass	5.005G	5.006G	200k	1M	RMS	5.0055G	-55.18	-40.08	-15.10	MBW 1M	-
4965MHz	Pass	5.006G	13.618G	1M	3M	RMS	6.4399G	-55.42	-40.08	-15.34	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	21.54249G	-52.48	-40.08	-12.40	-	-
4980MHz	Pass	9k	150k	200	1k	RMS	120.002k	-68.13	-40.08	-28.05	-	-
4980MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-67.82	-40.08	-27.74	-	-
4980MHz	Pass	30M	1.5G	1M	3M	RMS	331.9M	-53.05	-40.08	-12.97	-	-
4980MHz	Pass	1.5G	4.939G	1M	3M	RMS	4.93728G	-54.52	-40.08	-14.44	-	-
4980MHz	Pass	4.939G	4.94G	200k	1M	RMS	4.9395G	-55.96	-40.08	-15.88	MBW 1M	-
4980MHz	Pass	5.02G	5.021G	200k	1M	RMS	5.0205G	-55.34	-40.08	-15.26	MBW 1M	-
4980MHz	Pass	5.021G	13.618G	1M	3M	RMS	6.97252G	-55.39	-40.08	-15.31	-	-
4980MHz	Pass	13.618G	40G	1M	3M	RMS	14.9437G	-51.88	-40.08	-11.80	-	-
4.94-4.99GHz_11j.VHT20_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9k	150k	200	1k	RMS	119.967k	-66.76	-40.08	-26.68	-	-
4950MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-63.57	-40.08	-23.49	-	-
4950MHz	Pass	30M	1.5G	1M	3M	RMS	50.76M	-51.53	-40.08	-11.45	-	-
4950MHz	Pass	1.5G	4.909G	1M	3M	RMS	4.81653G	-53.00	-40.08	-12.92	-	-
4950MHz	Pass	4.909G	4.91G	200k	1M	RMS	4.9095G	-55.05	-40.08	-14.97	MBW 1M	-
4950MHz	Pass	4.99G	4.991G	200k	1M	RMS	4.9905G	-54.72	-40.08	-14.64	MBW 1M	-



Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
4950MHz	Pass	4.991G	13.618G	1M	3M	RMS	6.49425G	-52.52	-40.08	-12.44	-	-
4950MHz	Pass	13.618G	40G	1M	3M	RMS	21.55568G	-49.54	-40.08	-9.46	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	119.967k	-65.56	-40.08	-25.48	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-64.99	-40.08	-24.91	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	44.52M	-51.48	-40.08	-11.40	-	-
4965MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.92357G	-52.83	-40.08	-12.75	-	-
4965MHz	Pass	4.924G	4.925G	200k	1M	RMS	4.9245G	-54.96	-40.08	-14.88	MBW 1M	-
4965MHz	Pass	5.005G	5.006G	200k	1M	RMS	5.0055G	-54.67	-40.08	-14.59	MBW 1M	-
4965MHz	Pass	5.006G	13.618G	1M	3M	RMS	6.50772G	-52.39	-40.08	-12.31	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	21.58866G	-49.50	-40.08	-9.42	-	-
4980MHz	Pass	9k	150k	200	1k	RMS	120.038k	-66.28	-40.08	-26.20	-	-
4980MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-65.80	-40.08	-25.72	-	-
4980MHz	Pass	30M	1.5G	1M	3M	RMS	36.25M	-51.11	-40.08	-11.03	-	-
4980MHz	Pass	1.5G	4.939G	1M	3M	RMS	4.93814G	-52.49	-40.08	-12.41	-	-
4980MHz	Pass	4.939G	4.94G	200k	1M	RMS	4.9395G	-54.86	-40.08	-14.78	MBW 1M	-
4980MHz	Pass	5.02G	5.021G	200k	1M	RMS	5.0205G	-54.54	-40.08	-14.46	MBW 1M	-
4980MHz	Pass	5.021G	13.618G	1M	3M	RMS	6.99938G	-52.37	-40.08	-12.29	-	-
4980MHz	Pass	13.618G	40G	1M	3M	RMS	14.9437G	-49.14	-40.08	-9.06	-	-
4.94-4.99GHz_11j_VHT20_20MHz_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
4950MHz	Pass	9k	150k	200	1k	RMS	119.65k	-63.66	-40.08	-23.58	-	-
4950MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-60.68	-40.08	-20.60	-	-
4950MHz	Pass	30M	1.5G	1M	3M	RMS	43.97M	-49.20	-40.08	-9.12	-	-
4950MHz	Pass	1.5G	4.909G	1M	3M	RMS	4.90218G	-50.11	-40.08	-10.03	-	-
4950MHz	Pass	4.909G	4.91G	200k	1M	RMS	4.9095G	-52.02	-40.08	-11.94	MBW 1M	-
4950MHz	Pass	4.99G	4.991G	200k	1M	RMS	4.9905G	-51.70	-40.08	-11.62	MBW 1M	-
4950MHz	Pass	4.991G	13.618G	1M	3M	RMS	6.50827G	-49.58	-40.08	-9.50	-	-
4950MHz	Pass	13.618G	40G	1M	3M	RMS	21.51281G	-46.72	-40.08	-6.64	-	-
4965MHz	Pass	9k	150k	200	1k	RMS	120.143k	-63.26	-40.08	-23.18	-	-
4965MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-60.90	-40.08	-20.82	-	-
4965MHz	Pass	30M	1.5G	1M	3M	RMS	37.53M	-49.52	-40.08	-9.44	-	-
4965MHz	Pass	1.5G	4.924G	1M	3M	RMS	4.82984G	-50.15	-40.08	-10.07	-	-
4965MHz	Pass	4.924G	4.925G	200k	1M	RMS	4.9245G	-51.95	-40.08	-11.87	MBW 1M	-
4965MHz	Pass	5.005G	5.006G	200k	1M	RMS	5.0055G	-51.64	-40.08	-11.56	MBW 1M	-
4965MHz	Pass	5.006G	13.618G	1M	3M	RMS	6.50772G	-49.67	-40.08	-9.59	-	-
4965MHz	Pass	13.618G	40G	1M	3M	RMS	21.526G	-46.68	-40.08	-6.60	-	-
4980MHz	Pass	9k	150k	200	1k	RMS	119.756k	-62.41	-40.08	-22.33	-	-
4980MHz	Pass	150k	30M	10k	30k	RMS	739.538k	-59.95	-40.08	-19.87	-	-
4980MHz	Pass	30M	1.5G	1M	3M	RMS	58.85M	-49.62	-40.08	-9.54	-	-
4980MHz	Pass	1.5G	4.939G	1M	3M	RMS	4.93513G	-50.11	-40.08	-10.03	-	-
4980MHz	Pass	4.939G	4.94G	200k	1M	RMS	4.9395G	-51.89	-40.08	-11.81	MBW 1M	-
4980MHz	Pass	5.02G	5.021G	200k	1M	RMS	5.0205G	-51.59	-40.08	-11.51	MBW 1M	-
4980MHz	Pass	5.021G	13.618G	1M	3M	RMS	6.50613G	-49.57	-40.08	-9.49	-	-
4980MHz	Pass	13.618G	40G	1M	3M	RMS	14.9437G	-45.35	-40.08	-5.27	-	-

PX=Port X; Psum=P1+.P2+...PX

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4945MHz

CSE-TX-Sum

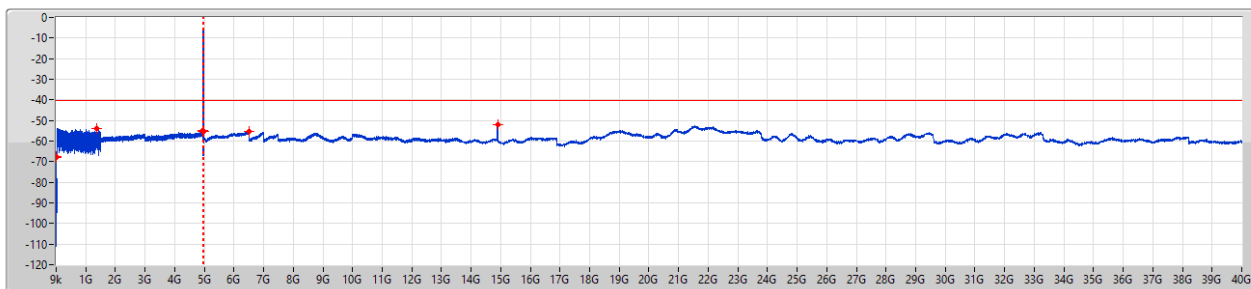


29/06/2024
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	120.002k	-67.44	-40.08	-27.36	-	-
150k	30M	10k	30k	RMS	739.538k	-67.66	-40.08	-27.58	-	-
30M	1.5G	1M	3M	RMS	89.35M	-53.90	-40.08	-13.82	-	-
1.5G	4.924G	1M	3M	RMS	4.921G	-54.53	-40.08	-14.45	-	-
4.924G	4.925G	100k	300k	RMS	4.9245G	-55.96	-40.08	-15.88	MBW 1M	-
4.965G	4.966G	100k	300k	RMS	4.9655G	-55.68	-40.08	-15.60	MBW 1M	-
4.966G	13.618G	1M	3M	RMS	6.46171G	-55.41	-40.08	-15.33	-	-
13.618G	40G	1M	3M	RMS	21.57877G	-52.65	-40.08	-12.57	-	-

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4965MHz

CSE-TX-Sum

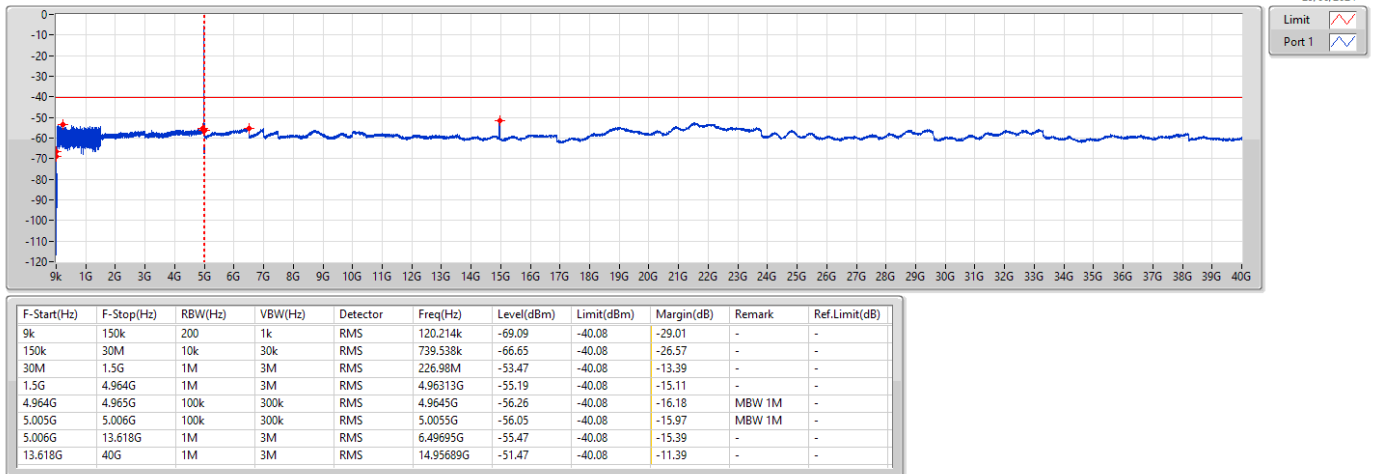


29/06/2024
Limit
Port 1

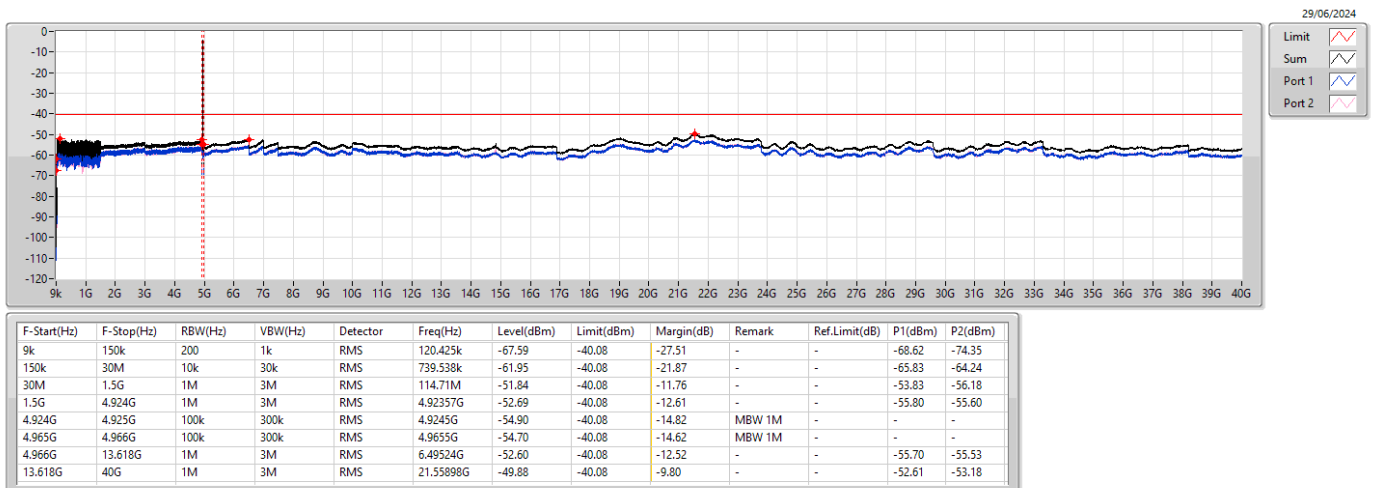
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	119.896k	-67.92	-40.08	-27.84	-	-
150k	30M	10k	30k	RMS	739.538k	-67.55	-40.08	-27.47	-	-
30M	1.5G	1M	3M	RMS	1.37615G	-53.89	-40.08	-13.81	-	-
1.5G	4.944G	1M	3M	RMS	4.944G	-54.63	-40.08	-14.55	-	-
4.944G	4.945G	100k	300k	RMS	4.9445G	-55.47	-40.08	-15.39	MBW 1M	-
4.985G	4.986G	100k	300k	RMS	4.9855G	-55.20	-40.08	-15.12	MBW 1M	-
4.986G	13.618G	1M	3M	RMS	6.50523G	-55.49	-40.08	-15.41	-	-
13.618G	40G	1M	3M	RMS	14.89423G	-52.00	-40.08	-11.92	-	-

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_1TX
4985MHz

CSE-TX-Sum

4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX
4945MHz

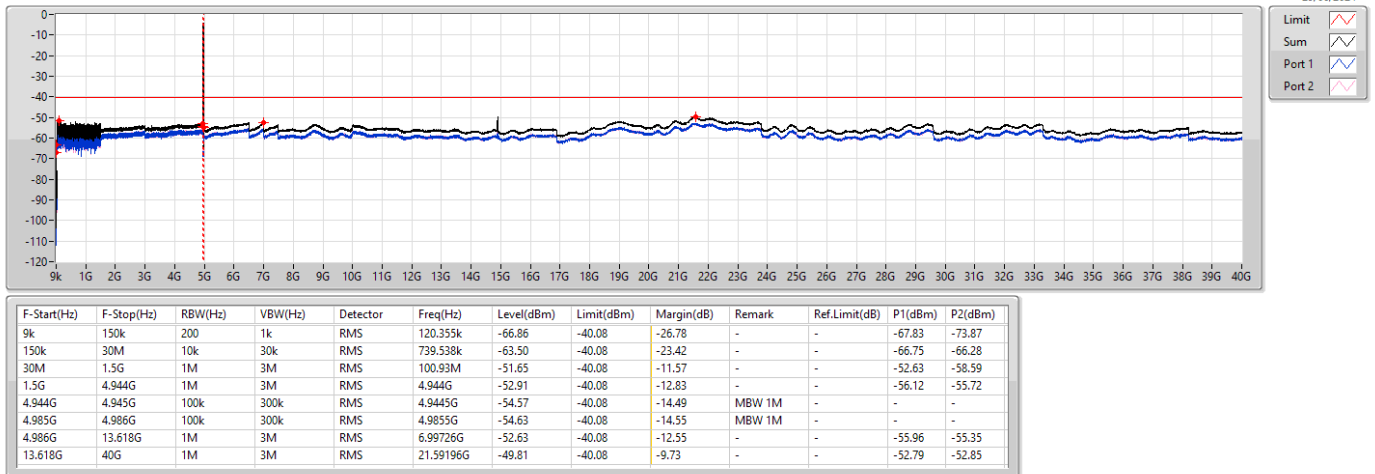
CSE-TX-Sum



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX

CSE-TX-Sum

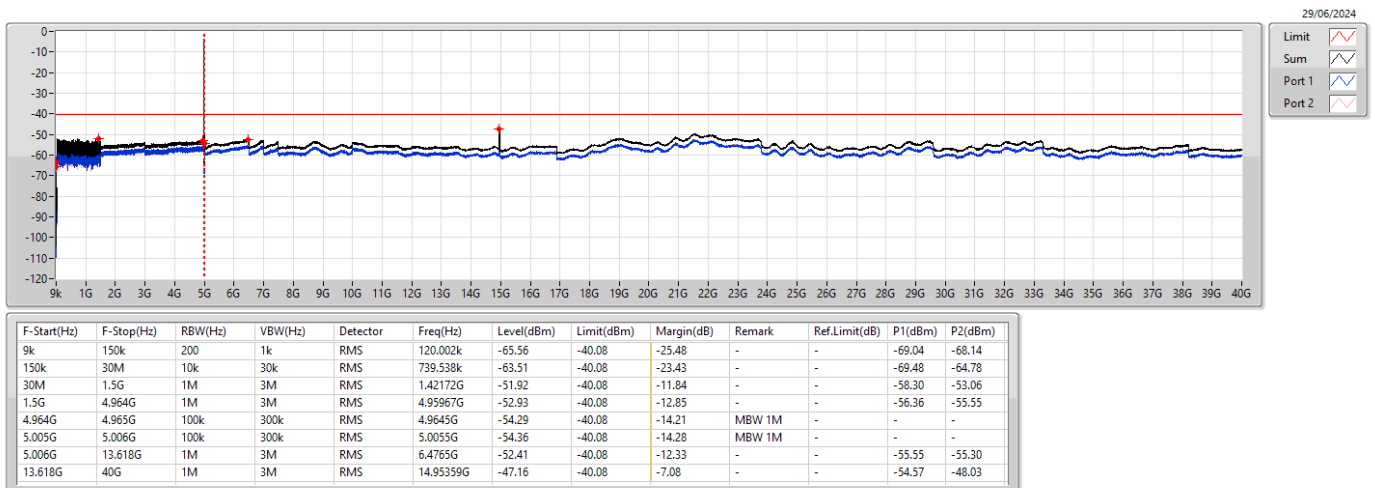
4965MHz



4.94-4.99GHz_11j,VHT10_10MHz_Nss1_2TX

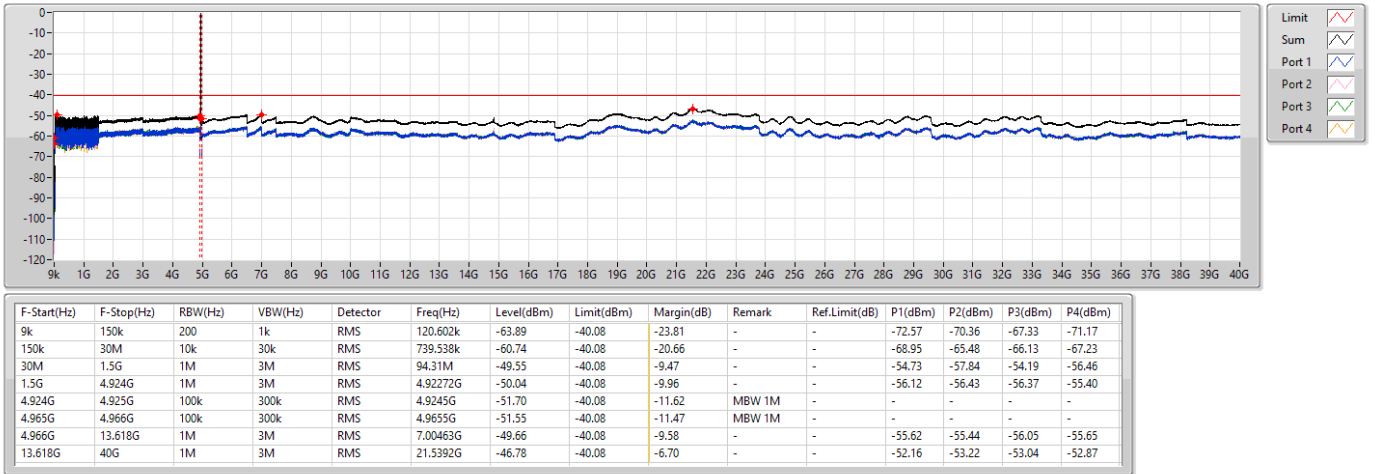
CSE-TX-Sum

4985MHz



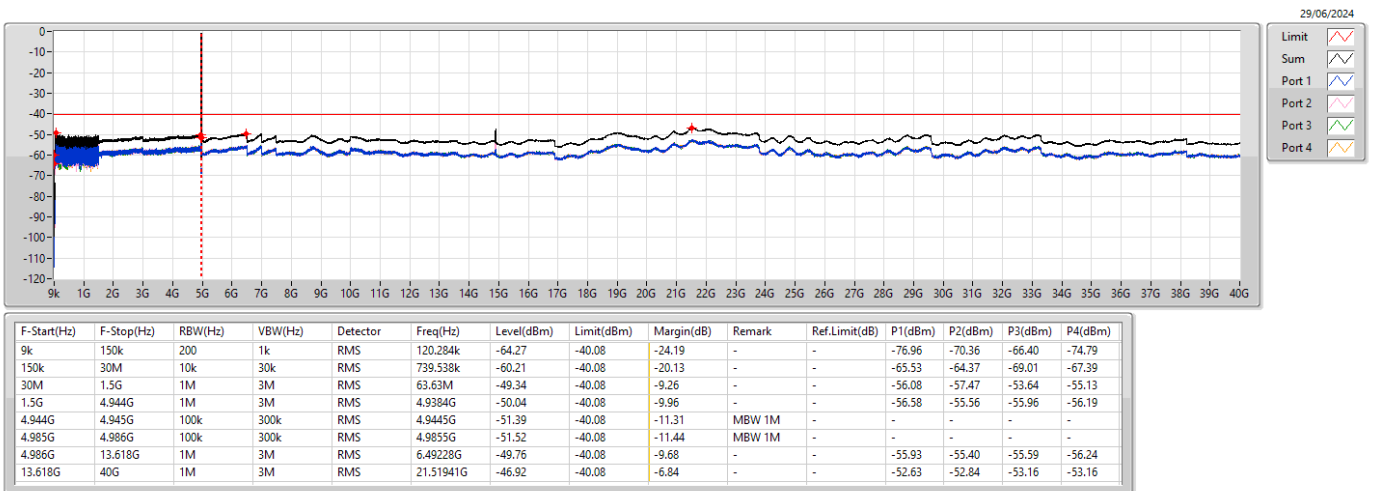
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX 4945MHz

CSE-TX-Sum



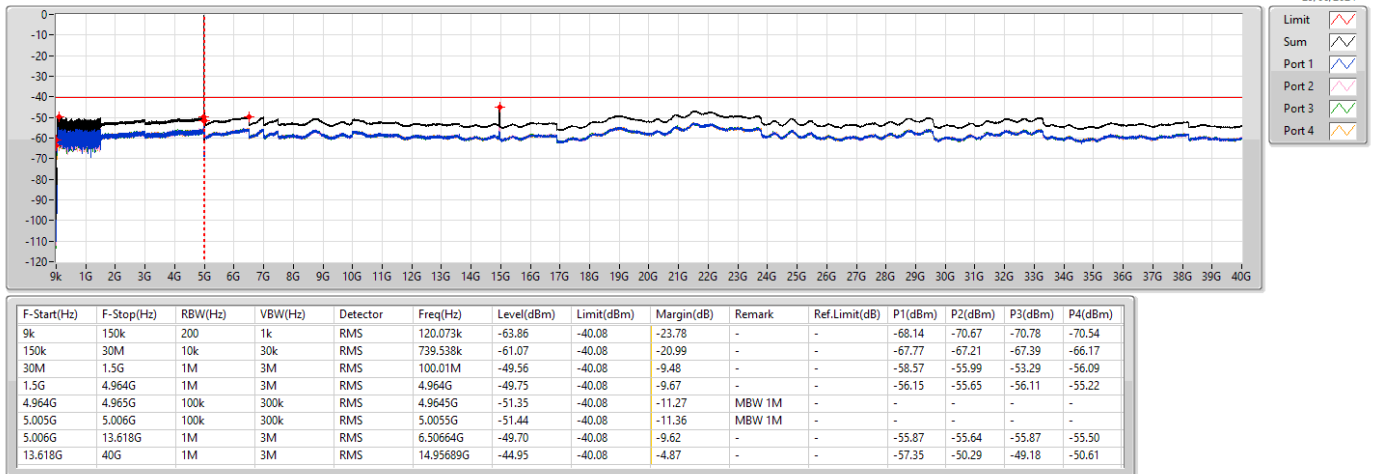
4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX 4965MHz

CSE-TX-Sum

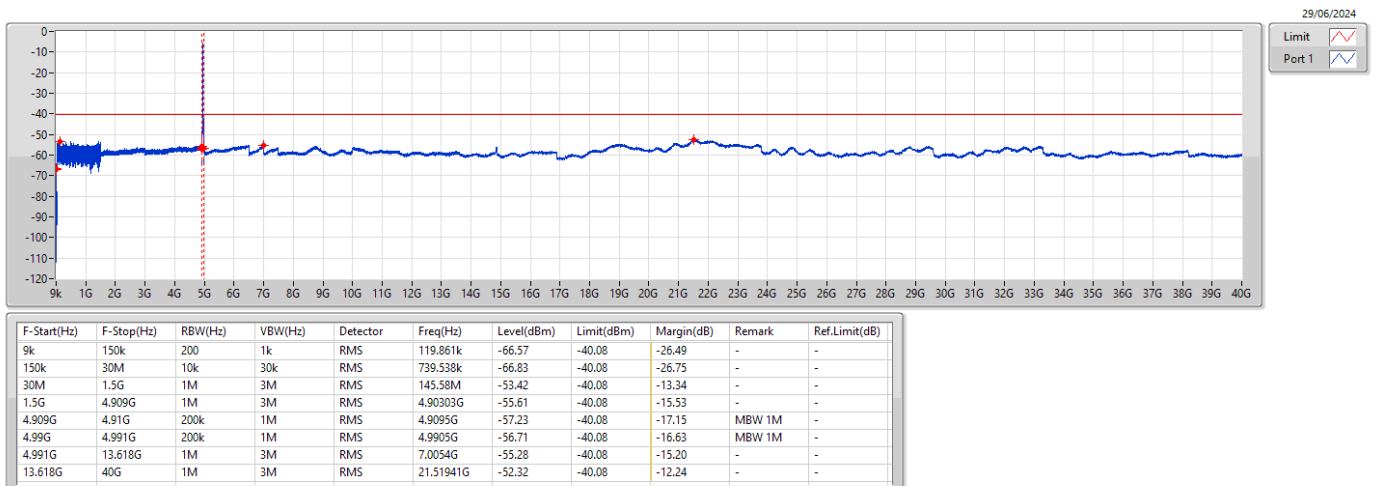


4.94-4.99GHz_11j,VHT10_10MHz_Nss1_4TX
4985MHz

CSE-TX-Sum

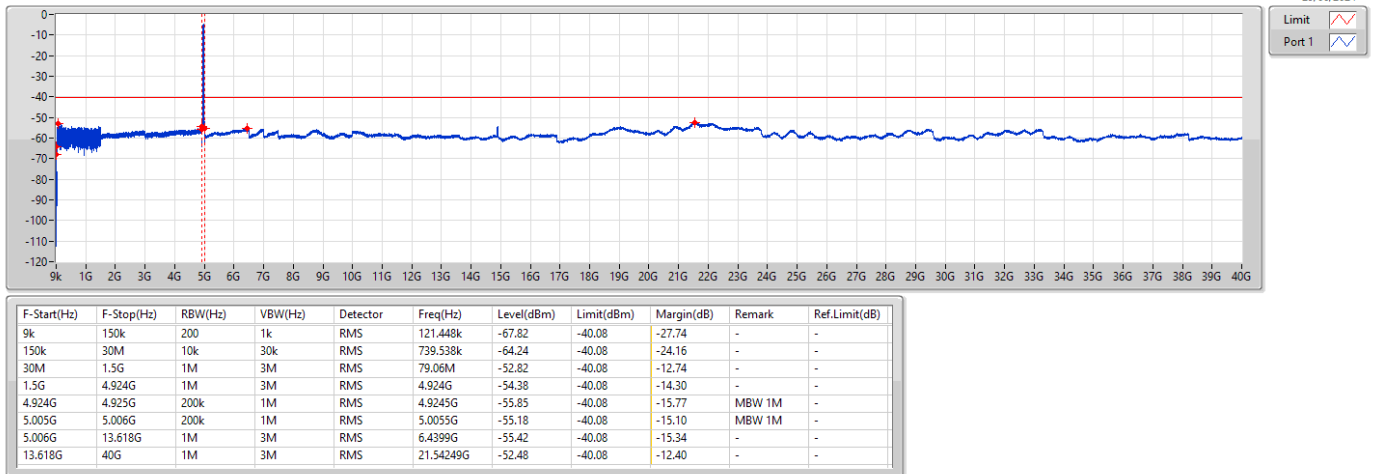
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4950MHz

CSE-TX-Sum



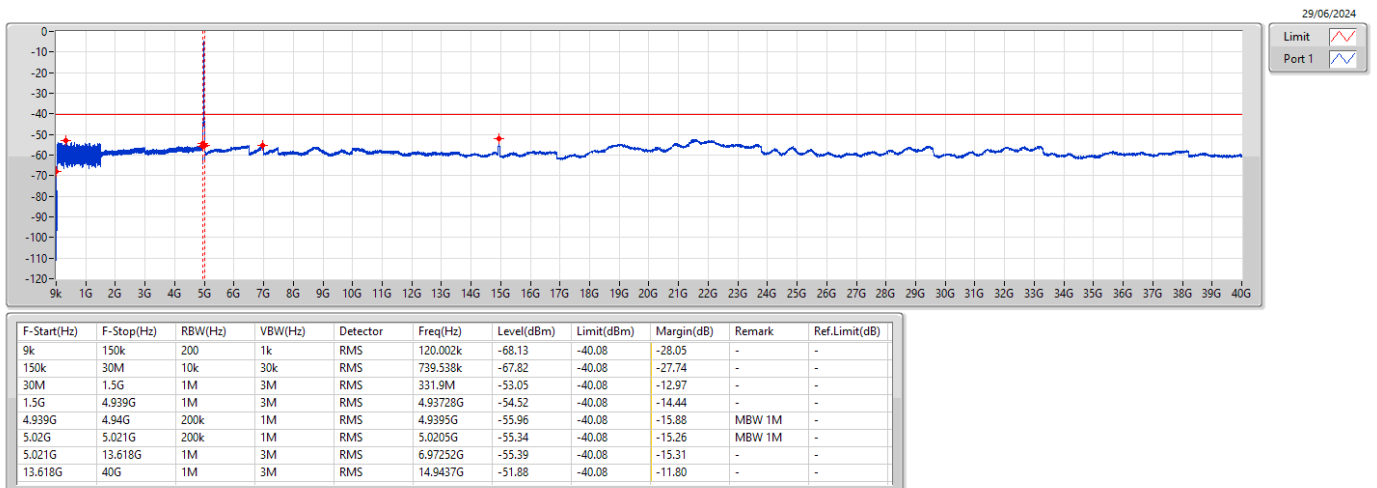
4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4965MHz

CSE-TX-Sum



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_1TX
4980MHz

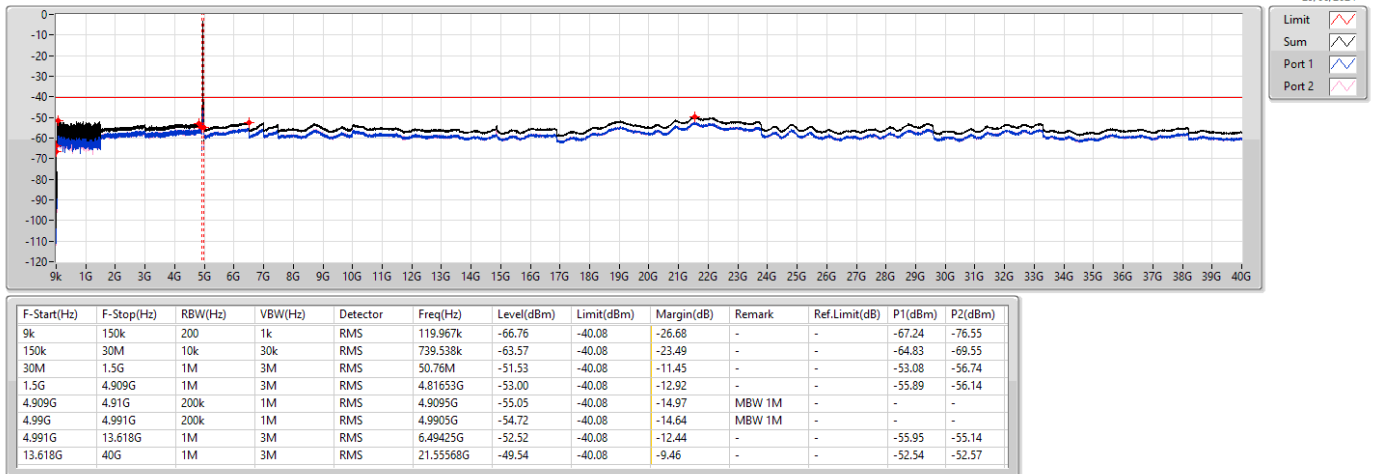
CSE-TX-Sum



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

CSE-TX-Sum

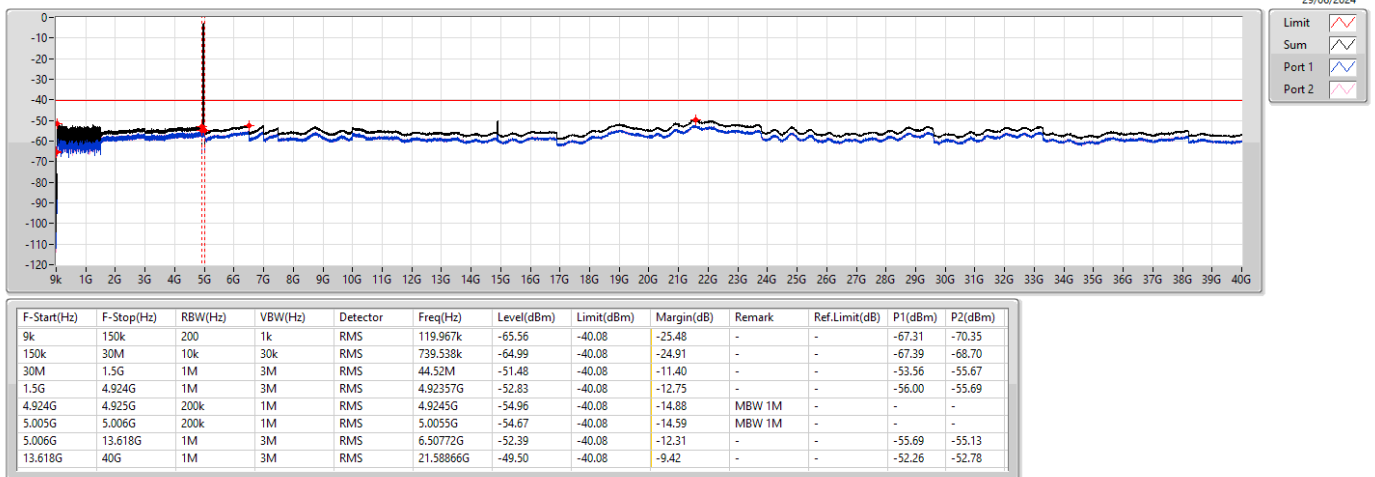
4950MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

CSE-TX-Sum

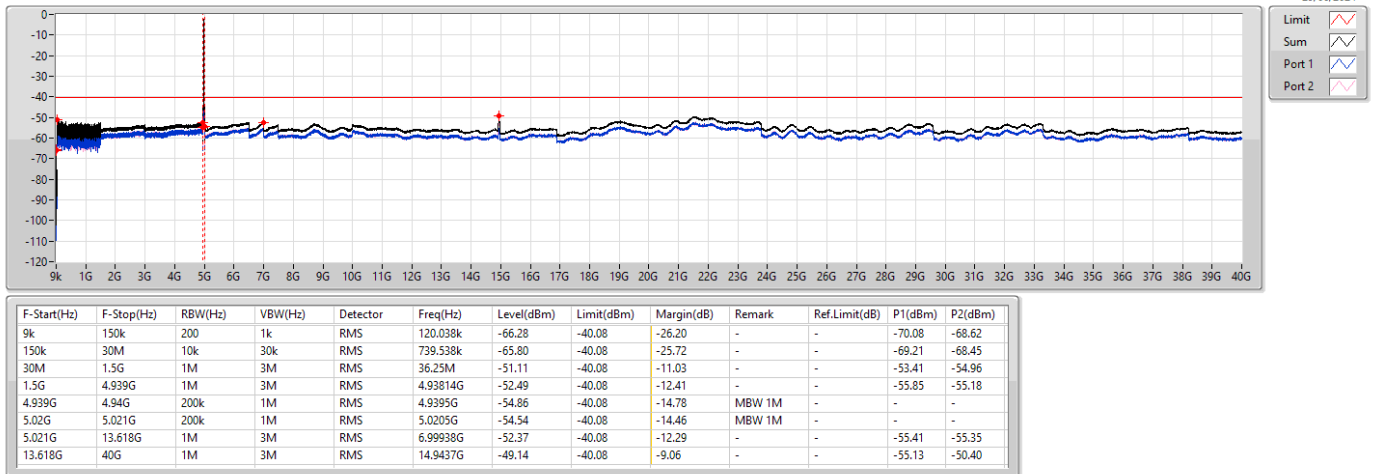
4965MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_2TX

CSE-TX-Sum

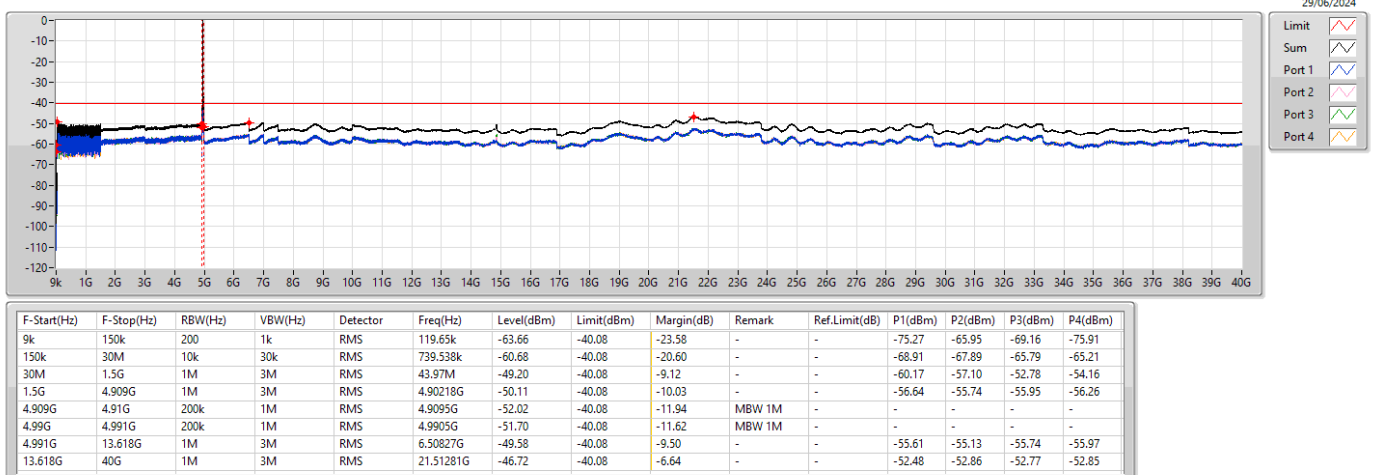
4980MHz



4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX

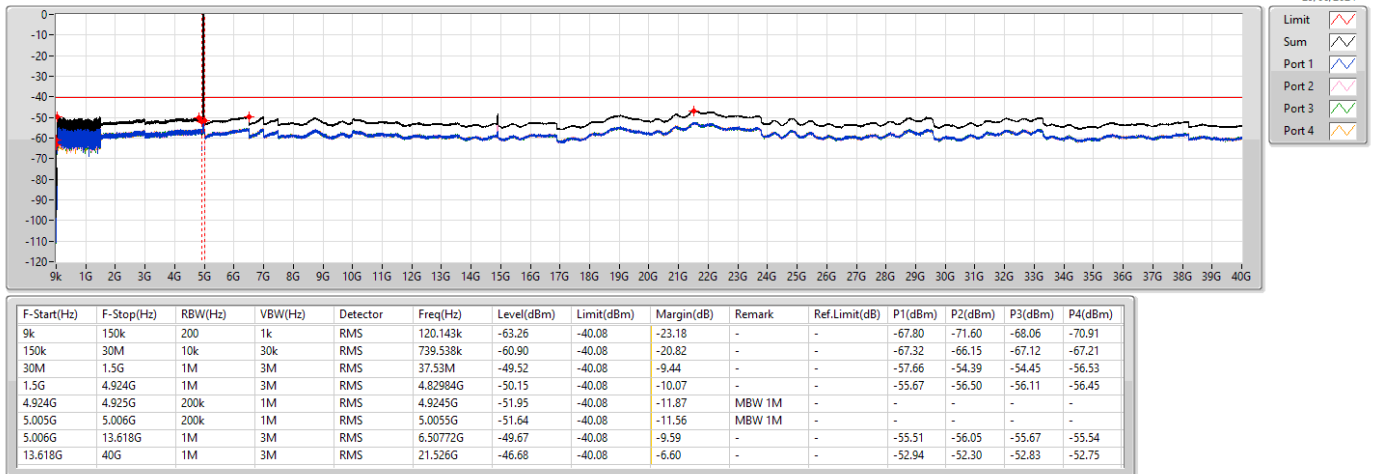
CSE-TX-Sum

4950MHz

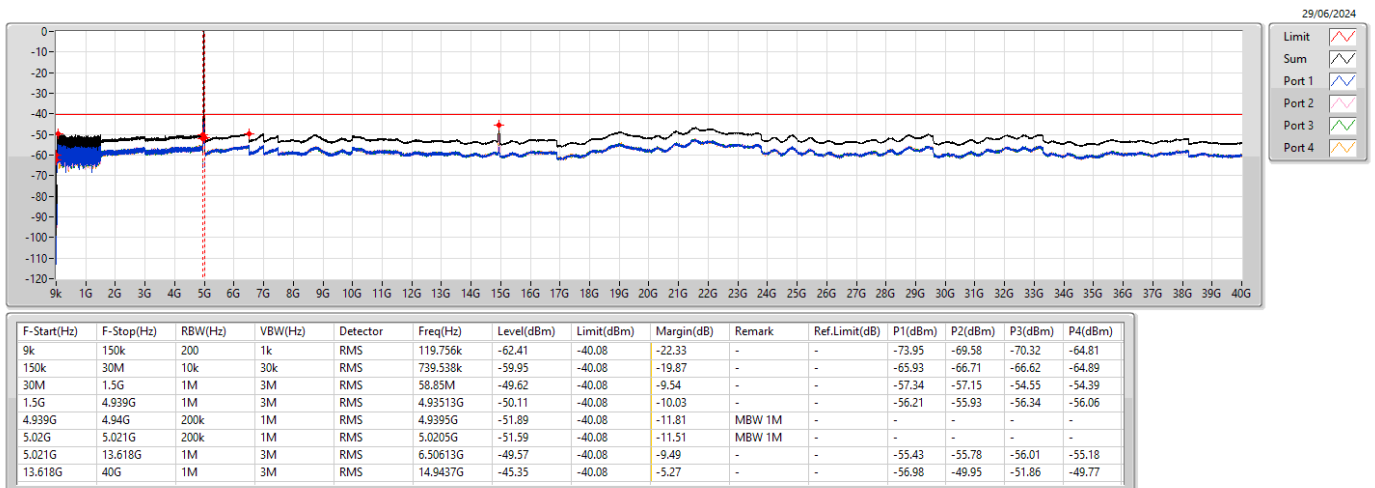


4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4965MHz

CSE-TX-Sum

4.94-4.99GHz_11j,VHT20_20MHz_Nss1_4TX
4980MHz

CSE-TX-Sum



—THE END—