Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	Z8H89FT0085
Equipment	:	X7-35X Indoor Wi-Fi 7 2x2 Access Point
Brand Name	:	Cambium Networks
Model Name	:	X7-35X
Applicant	:	Cambium Networks Inc. 3800 Golf Road Suite 360 Rolling Meadows IL United States 60008
Manufacturer	:	Cambium Networks Inc. 3800 Golf Road Suite 360 Rolling Meadows IL United States 60008
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 24, 2023, and testing was started from Dec. 11, 2023 and completed on Feb. 05, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 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
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR3N2319-01AA	01	Initial issue of report	Apr. 01, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
Note: Reference to Sporton Project No.: 3N2319.				

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5270-5310	54-62 [2]
5470-5725		5510-5700	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80), be (EHT80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11ac VHT160	160	2TX
5.15-5.35GHz	802.11ac VHT160-BF	160	2TX
5.15-5.35GHz	802.11ax HEW160	160	2TX
5.15-5.35GHz	802.11ax HEW160-BF	160	2TX
5.15-5.35GHz	802.11be EHT160	160	2TX
5.15-5.35GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11ac VHT160	160	2TX
5.47-5.725GHz	802.11ac VHT160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz /5GHz	6GHz	Bluetooth/ Zigbee					
1	2	-	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	Note 1
2	1	-	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	
3	-	2	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	
4	-	1	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	
5	-	-	1	INPAQ	3010001479GD	Dipole Antenna	I-PEX	

Note 1:

Ant.	Port			WLAN 2.4GHz (dBi)	WLAN 5GHz (dBi)				WLAN 6GHz (dBi)				Bluetooth/ Zigbee (dBi)
	2.4GHz /5GHz	6GHz	Bluetooth/ Zigbee		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	
1	2	-	-	2.35	3.32	3.7	4.67	4.73	-	-	-	-	-
2	1	-	-	2.23	3.5	3.57	5.19	4.82	-	-	-	-	-
3	-	2	-	-	-	-	-	-	5.29	5.95	5.95	5.30	-
4	-	1	-	-	-	-	-	-	5.69	5.80	5.80	5.45	-
5	-	-	1	-	-	-	-	-	-	-	-	-	5.6

Directional Gain (dBi)									
WLAN 2.4GHz		WLAN 5GHz UNII 1		WLAN 5GHz UNII 2A		WLAN 5GHz UNII 2C		WLAN 5GHz UNII 3	
2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
5.01	2.35	4.34	3.5	5.36	3.7	6.89	5.19	6.2	4.82

Note 2: The above information (excepting WLAN 2.4GHz/5GHz gain) was declared by manufacturer.

<For 2.4GHz function>
For IEEE 802.11b/g/n/VHT/ax/be (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
<For 5GHz function>
For IEEE 802.11a/n/ac/ax/be (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
<For 6GHz function>
For IEEE 802.11ax/be (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
<For Bluetooth/Zigbee function> (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.
Port 1 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For Non-beamforming mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20	0.976	0.11	5.409m	300
802.11be EHT40	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80	0.948	0.23	4.017m	300
802.11be EHT160	0.946	0.24	2.154m	1k

For Beamforming mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF	0.908	0.42	2.958m	1k
802.11be EHT40-BF	0.9	0.46	3.969m	300
802.11be EHT80-BF	0.82	0.86	3.858m	300
802.11be EHT160-BF	0.873	0.59	3.858m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/VHT/ax/be in 2.4GHz, 802.11n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☒	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☒	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For Non-beamforming mode: QSPR V5.14.00227.1 For Beamforming mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Function

Function	Supports Type	Supports Bands
AP	Master	2.4GHz / 5GHz UNII 1~3 / 6GHz UNII 5~8
Mesh	Master	2.4GHz / 5GHz UNII 1~3
Slave	Slave without Radar detection	2.4GHz / 5GHz UNII 1~3

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 Permissive Change

This product is an extension of original one reported under Sporton project number: FR3N2319AB.

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

Modifications	Performance Checking
1. Enable 5GHz UNII 2A~UNII 2C. 2. Enable bandwidth 160MHz for 5GHz function.	1. Emission Bandwidth 2. Maximum Output Power 3. Power Spectral Density 4. Unwanted Emissions <Above 1GHz>
3. Enable 6GHz UNII 5~UNII 8 for Low-power Indoor Access Point (6ID) mode.	1. AC power-line conducted emissions 2. Unwanted Emissions <Below 1GHz>

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	KJ Chang	21.3~21.9 / 65~68	Dec. 27, 2023~ Dec. 30, 2023
Radiated < 1GHz	03CH05-CB	Gordon Hung	21~22 / 56~59	Dec. 11, 2023~ Feb. 05, 2024
Radiated > 1GHz	03CH01-CB	Gordon Hung	22.4~23.5 / 55~58	Dec. 11, 2023~ Feb. 05, 2024
	03CH06-CB		21.9~22.8 / 56~58	
AC Conduction	CO01-CB	Elvin Yeh	22~23 / 55~56	Jan. 15, 2024

1.4 Measurement Uncertainty

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

Parameter	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For Master mode UNII 1 & Master/Slave mode UNII 2A, 2C:
Non-beamforming mode:

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

Beamforming mode:

Mode
802.11a_Nss1,(6Mbps)_2TX
5260MHz
5300MHz
5320MHz

5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT20_Nss1,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss1,(MCS0)_2TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0)_2TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

For Slave mode UNII 1:
Non-beamforming mode:

Mode
802.11be EHT160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz

Beamforming mode:

Mode
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz

Note:
- EHT20 / EHT40 / EHT80 / EHT160 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 is the same or lower than EHT20 / EHT40 / EHT80 / EHT160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	WLAN/Bluetooth (Normal Link), Zigbee (TX, RX)
1	EUT + Zigbee (TX) + PoE
2	EUT + Zigbee (RX) + PoE
3	EUT + Bluetooth + PoE
For operating, mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
The EUT was performed testing at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case for WLAN 6GHz was found at Z axis. Thus, the measurement will follow this same test configuration.	
1	EUT in Z axis + WLAN 6GHz + PoE
Operating Mode > 1GHz	CTX
After evaluating, the worst case was found at X axis. Thus, the measurement will follow this same test configuration.	
1	EUT in X axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
2	Zigbee + WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA3N2319-01 for Co-location RF Exposure Evaluation.	

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

Support Unit	Brand Name	Model Number
PoE	Cambium Networks	P060U04

2.3 EUT Operation during Test

For CTX/CRX Mode:

Non-beamforming mode:

The EUT was programmed to be in continuously transmitting/receiving mode.

Beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 11 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket type 1*1
Bracket type 2*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium Networks	P060U04	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A
C	LAN 2.5G NB	DELL	E6430	N/A
D	2.4G+5G Device	Cambium Networks	X7-35X	N/A
E	2.4G+5G Device NB	DELL	E6430	N/A
F	6G Device NB	DELL	E6430	N/A
G	Zigbee Device	Cambium Networks	X7-35X	N/A
H	Zigbee PoE	H3C	N/A	N/A
I	Zigbee Device NB	DELL	E6430	N/A
J	6G Device	INTEL	BE200	PD9BE200NG

For Radiated < 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Cambium Networks	P060U04	N/A

For Radiated > 1GHz & RF Conducted:
For Non-beamforming mode:

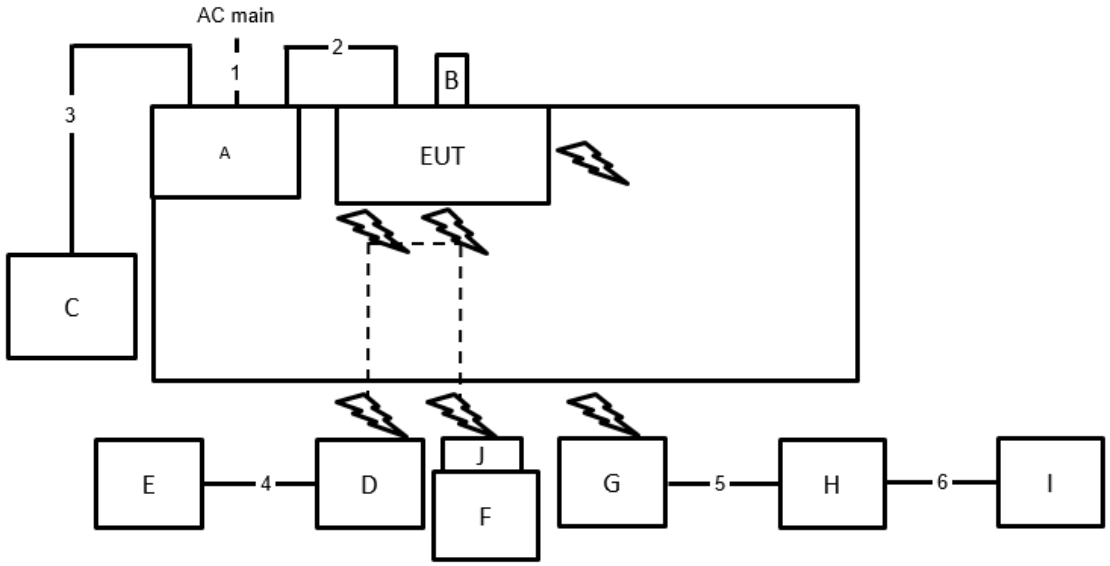
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Cambium Networks	P060U04	N/A

For Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Cambium Networks	P060U04	N/A
C	Device	Cambium Networks	X7-35X	N/A
D	NB	DELL	E4300	N/A

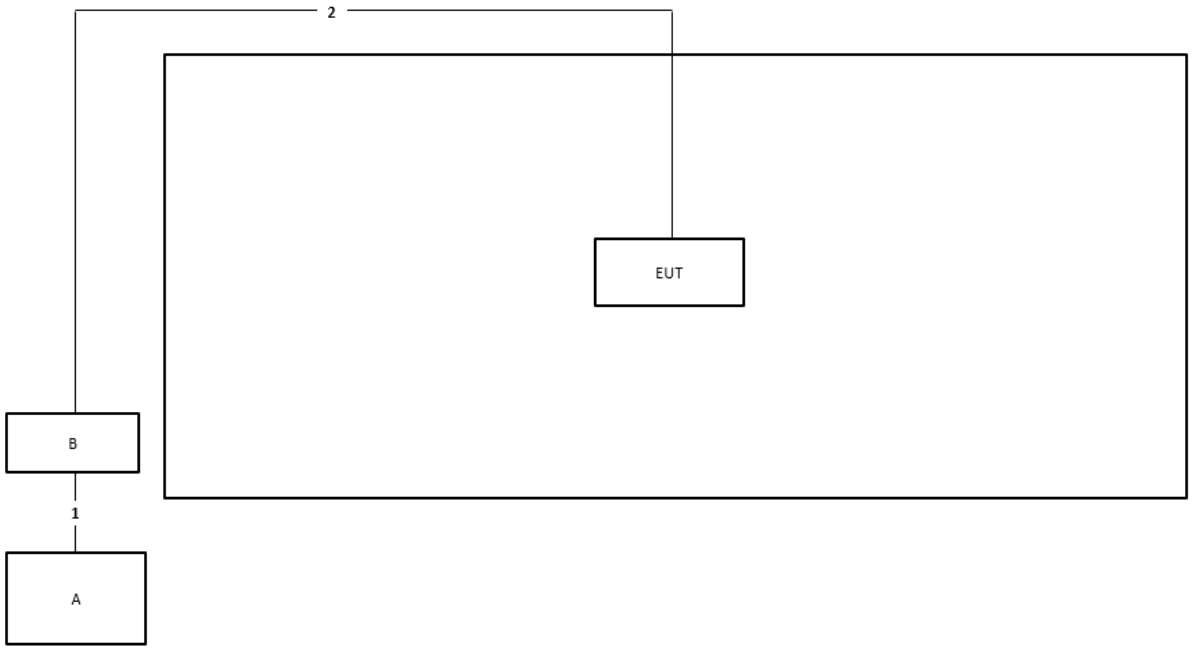
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



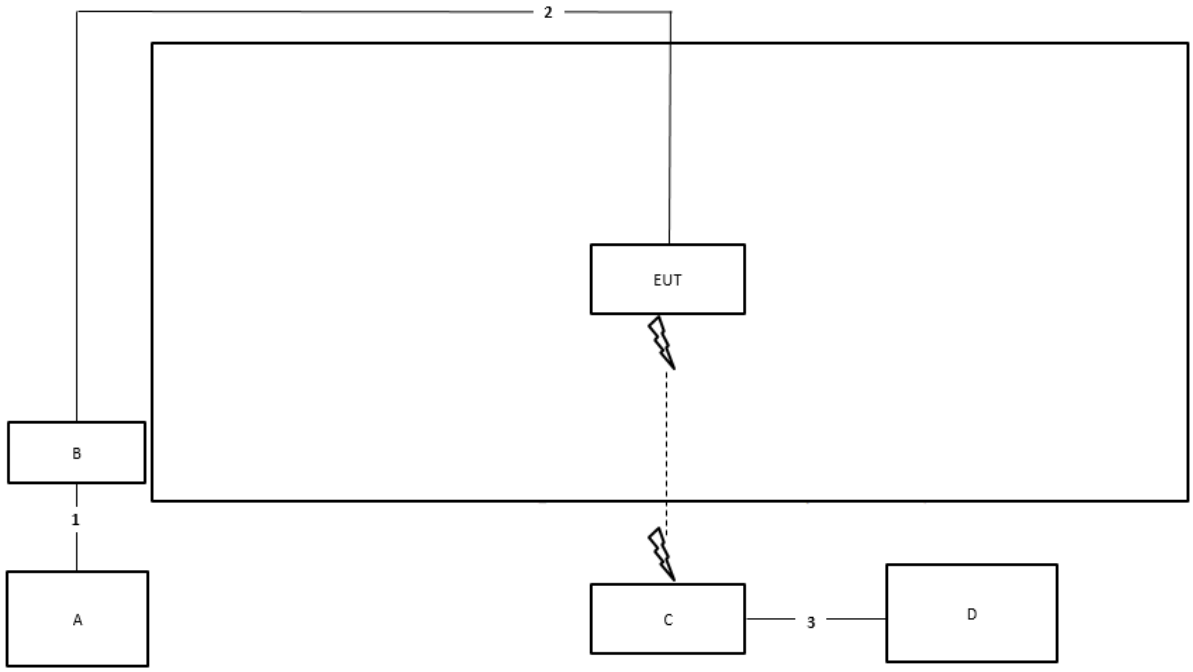
Item	Connection	Shielded	Length
1	Power cable	No	2.9m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz & Radiated Test > 1GHz (Non-beamforming mode)



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

Test Setup Diagram - Radiated Test > 1GHz (Beamforming mode)



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions Limit

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

3.1.1 Measuring Instruments

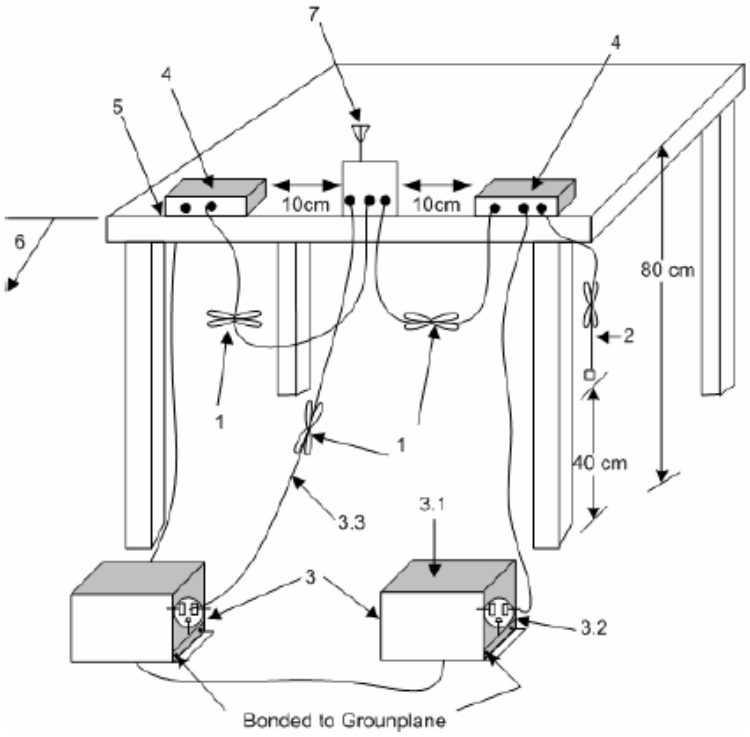
Refer a test equipment and calibration data table in this test report.

3.1.2 Test Procedures

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

3.1.3 Test Setup

AC Power-line Conducted Emissions



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

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer — EUT

3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

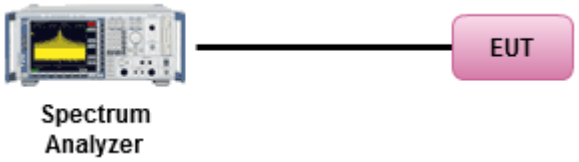
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup

For straddle channels:

Conducted Measurement (Spectrum Analyzer)


For others:

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

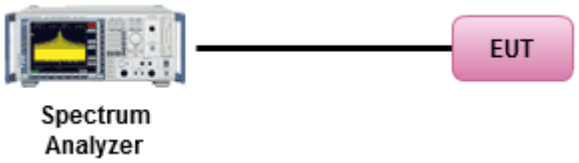
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

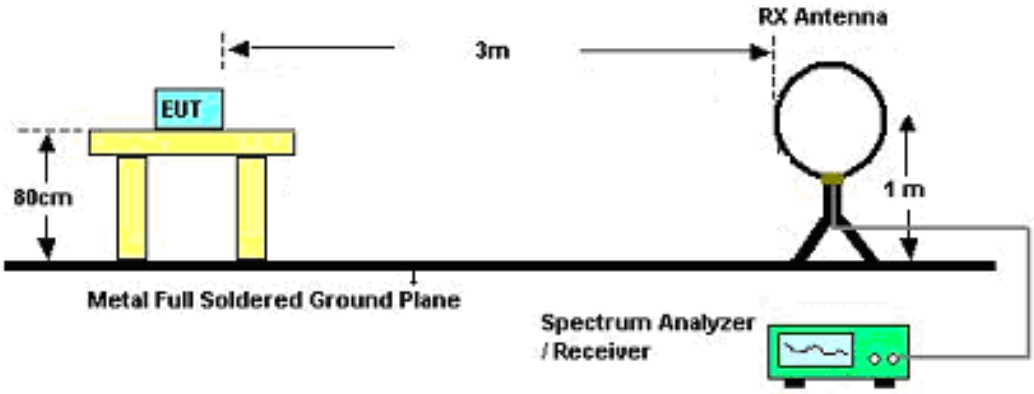
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

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

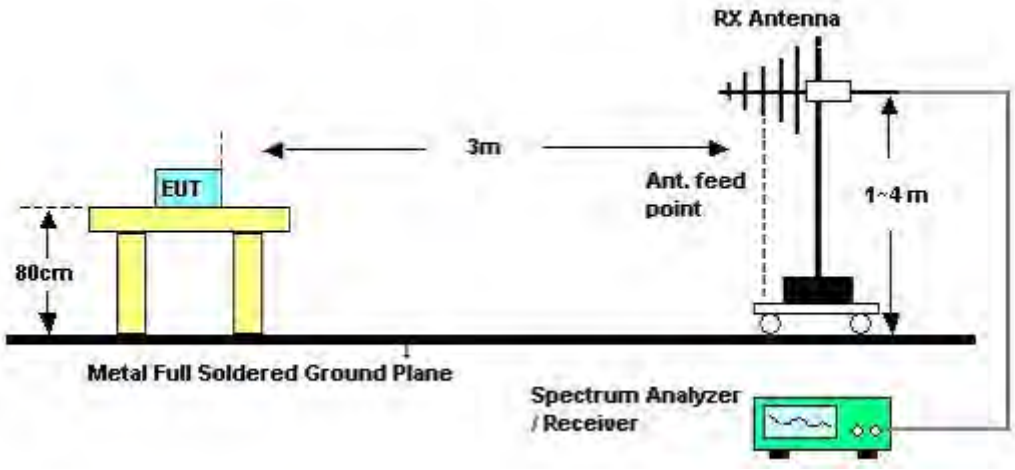
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

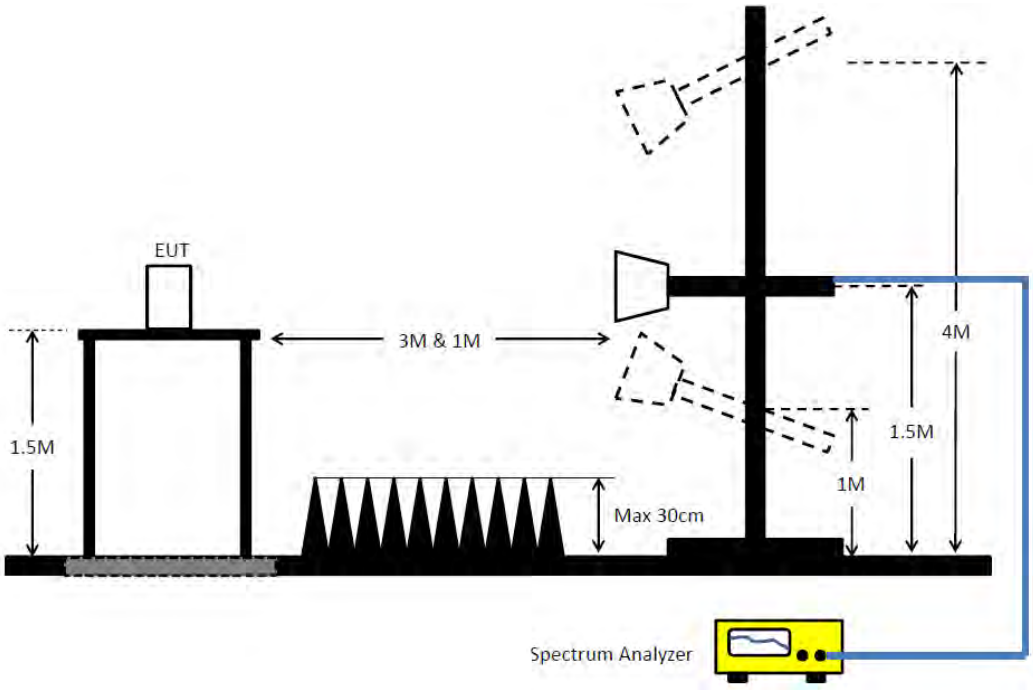
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Oct. 30, 2023	Oct. 29, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-30	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~ 40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~ 40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

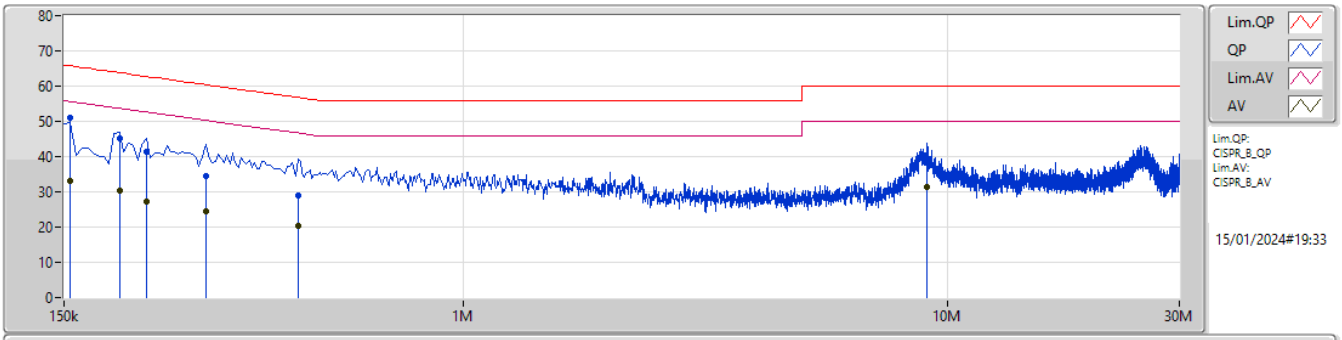
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

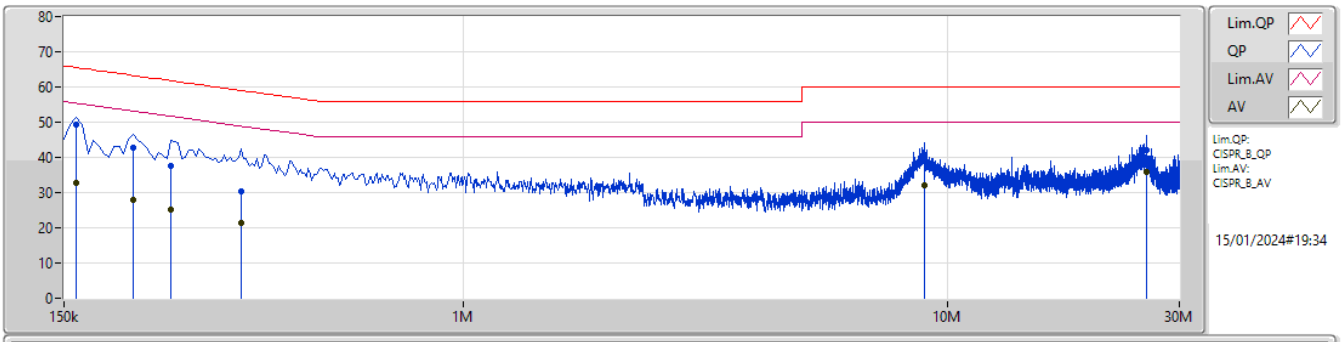
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	25.674M	35.81	50.00	-14.19	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	51.02	65.75	-14.73	9.98	Line	"Worst"	41.04	0.09	0.02	9.87
AV	154.5k	33.19	55.75	-22.56	9.98	Line	-	23.21	0.09	0.02	9.87
QP	195k	45.21	63.82	-18.61	9.96	Line	-	35.25	0.08	0.02	9.86
AV	195k	30.32	53.82	-23.50	9.96	Line	-	20.36	0.08	0.02	9.86
QP	222k	41.33	62.75	-21.42	9.97	Line	-	31.36	0.08	0.02	9.87
AV	222k	27.33	52.75	-25.42	9.97	Line	-	17.36	0.08	0.02	9.87
QP	294k	34.37	60.42	-26.05	9.99	Line	-	24.38	0.09	0.02	9.88
AV	294k	24.58	50.42	-25.84	9.99	Line	-	14.59	0.09	0.02	9.88
QP	456k	29.11	56.76	-27.65	10.01	Line	-	19.10	0.09	0.02	9.90
AV	456k	20.35	46.76	-26.41	10.01	Line	-	10.34	0.09	0.02	9.90
QP	9.069M	38.24	60.00	-21.76	10.32	Line	-	27.92	0.24	0.14	9.94
AV	9.069M	31.41	50.00	-18.59	10.32	Line	-	21.09	0.24	0.14	9.94

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	49.36	65.52	-16.16	9.96	Neutral	-	39.40	0.07	0.02	9.87
AV	159k	32.67	55.52	-22.85	9.96	Neutral	-	22.71	0.07	0.02	9.87
QP	208.5k	42.68	63.27	-20.59	9.95	Neutral	-	32.73	0.07	0.02	9.86
AV	208.5k	27.92	53.27	-25.35	9.95	Neutral	-	17.97	0.07	0.02	9.86
QP	249k	37.72	61.79	-24.07	9.96	Neutral	-	27.76	0.07	0.02	9.87
AV	249k	25.16	51.79	-26.63	9.96	Neutral	-	15.20	0.07	0.02	9.87
QP	348k	30.47	59.00	-28.53	9.98	Neutral	-	20.49	0.07	0.02	9.89
AV	348k	21.37	49.00	-27.63	9.98	Neutral	-	11.39	0.07	0.02	9.89
QP	8.93M	38.91	60.00	-21.09	10.30	Neutral	-	28.61	0.22	0.14	9.94
AV	8.93M	32.05	50.00	-17.95	10.30	Neutral	-	21.75	0.22	0.14	9.94
QP	25.674M	42.24	60.00	-17.76	10.68	Neutral	-	31.56	0.36	0.26	10.06
AV	25.674M	35.81	50.00	-14.19	10.68	Neutral	"Worst"	25.13	0.36	0.26	10.06

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	81.92M	77.588M	77M6D1D	80M	77.497M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.22M	16.859M	16M9D1D	21.45M	16.61M
802.11be EHT20_Nss1,(MCS0)_2TX	22.385M	19.224M	19M2D1D	20.79M	19.044M
802.11be EHT40_Nss1,(MCS0)_2TX	43.67M	37.957M	38M0D1D	41.25M	37.878M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.701M	77M7D1D	80.08M	77.7M
802.11be EHT160_Nss1,(MCS0)_2TX	80.24M	77.5M	77M5D1D	80.24M	77.045M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.825M	17.18M	17M2D1D	15.96M	13.358M
802.11be EHT20_Nss1,(MCS0)_2TX	22.825M	19.223M	19M2D1D	16.2M	14.47M
802.11be EHT40_Nss1,(MCS0)_2TX	46.42M	38.114M	38M1D1D	35.7M	33.891M
802.11be EHT80_Nss1,(MCS0)_2TX	89.98M	77.709M	77M7D1D	77.475M	73.508M
802.11be EHT160_Nss1,(MCS0)_2TX	167.64M	157.005M	157MD1D	162.8M	156.945M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.24M	4.501M	4M50D1D	3.22M	4.48M
802.11be EHT20_Nss1,(MCS0)_2TX	4.56M	4.605M	4M61D1D	4.52M	4.592M
802.11be EHT40_Nss1,(MCS0)_2TX	4.06M	5.131M	5M13D1D	4.06M	4.473M
802.11be EHT80_Nss1,(MCS0)_2TX	4.1M	11.726M	11M7D1D	4.02M	9.079M

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

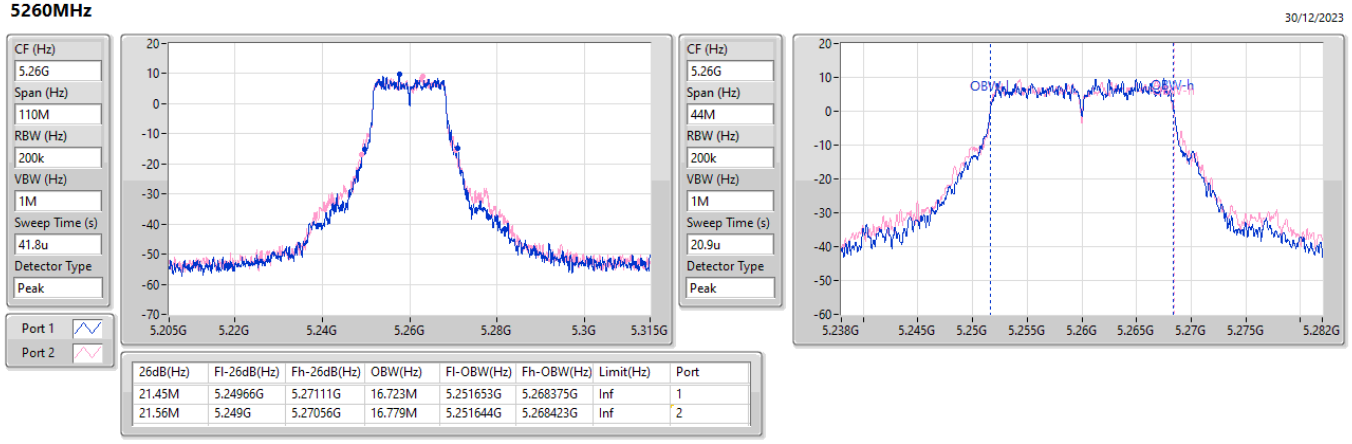
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	16.723M	21.56M	16.779M
5300MHz	Pass	Inf	21.945M	16.61M	22.22M	16.659M
5320MHz	Pass	Inf	22M	16.637M	21.725M	16.859M
5500MHz	Pass	Inf	21.395M	16.759M	22.605M	16.856M
5580MHz	Pass	Inf	21.615M	16.612M	21.725M	17.18M
5700MHz	Pass	Inf	22.825M	16.78M	21.67M	16.675M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.185M	13.489M	15.96M	13.358M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.48M	3.22M	4.501M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.505M	19.224M	21.505M	19.054M
5300MHz	Pass	Inf	22.055M	19.052M	20.79M	19.121M
5320MHz	Pass	Inf	22.385M	19.044M	21.175M	19.053M
5500MHz	Pass	Inf	21.835M	19.062M	21.56M	19.192M
5580MHz	Pass	Inf	22.055M	19.007M	22.825M	19.223M
5700MHz	Pass	Inf	21.23M	19.162M	20.845M	19.042M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.35M	14.47M	16.2M	14.551M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.592M	4.52M	4.605M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.58M	37.921M	41.69M	37.878M
5310MHz	Pass	Inf	41.25M	37.957M	43.67M	37.956M
5510MHz	Pass	Inf	41.36M	38.09M	41.58M	38.082M
5550MHz	Pass	Inf	46.42M	38.114M	43.12M	37.895M
5670MHz	Pass	Inf	40.92M	37.919M	42.57M	37.857M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.155M	33.918M	35.7M	33.891M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.473M	4.06M	5.131M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	77.701M	80.08M	77.7M
5530MHz	Pass	Inf	89.98M	77.681M	83.6M	77.709M
5610MHz	Pass	Inf	88M	77.568M	84.92M	77.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.475M	73.508M	78.45M	73.641M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	11.726M	4.02M	9.079M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.497M	81.92M	77.588M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.24M	77.045M	80.24M	77.5M
5570MHz	Pass	Inf	162.8M	156.945M	167.64M	157.005M

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

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

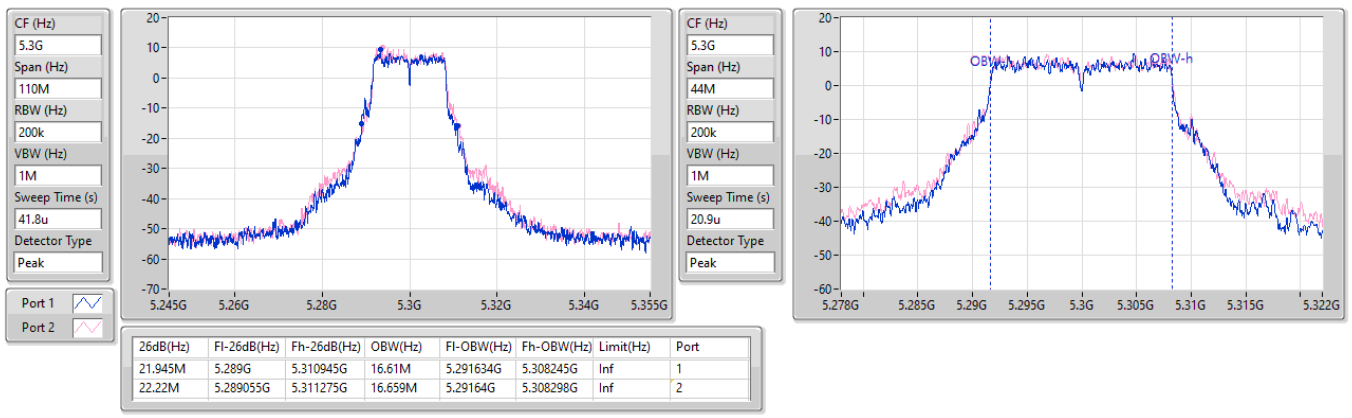
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.24966G	5.27111G	16.723M	5.251653G	5.268375G	Inf	1
21.56M	5.249G	5.27056G	16.779M	5.251644G	5.268423G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

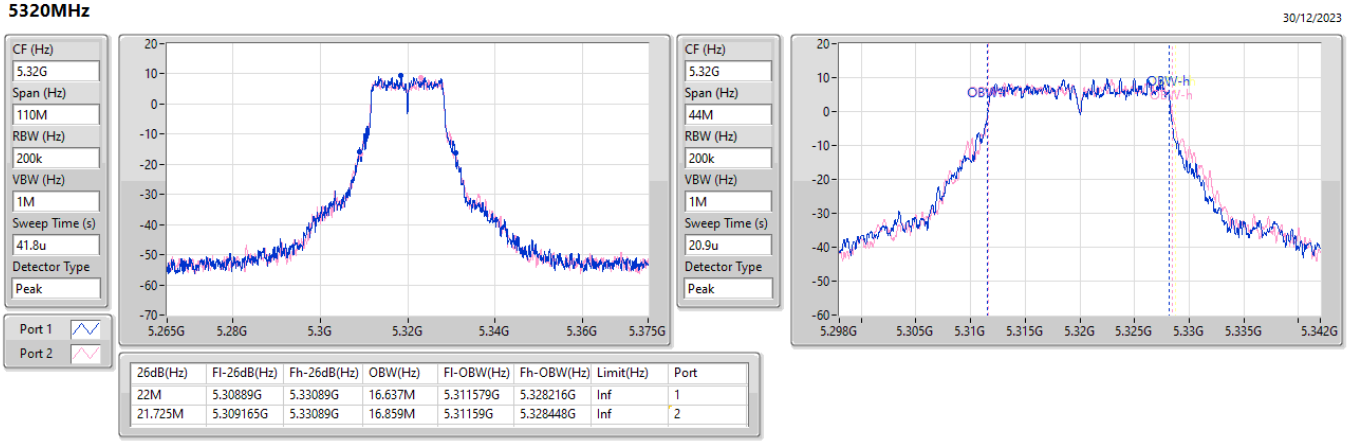
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.945M	5.289G	5.310945G	16.61M	5.291634G	5.308245G	Inf	1
22.22M	5.289055G	5.311275G	16.659M	5.29164G	5.308298G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

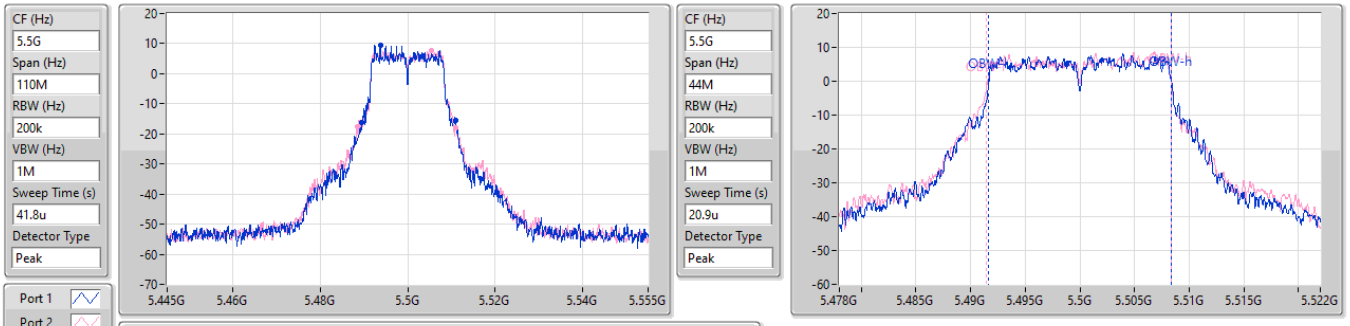
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.30889G	5.33089G	16.637M	5.311579G	5.328216G	Inf	1
21.725M	5.309165G	5.33089G	16.859M	5.31159G	5.328448G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5500MHz

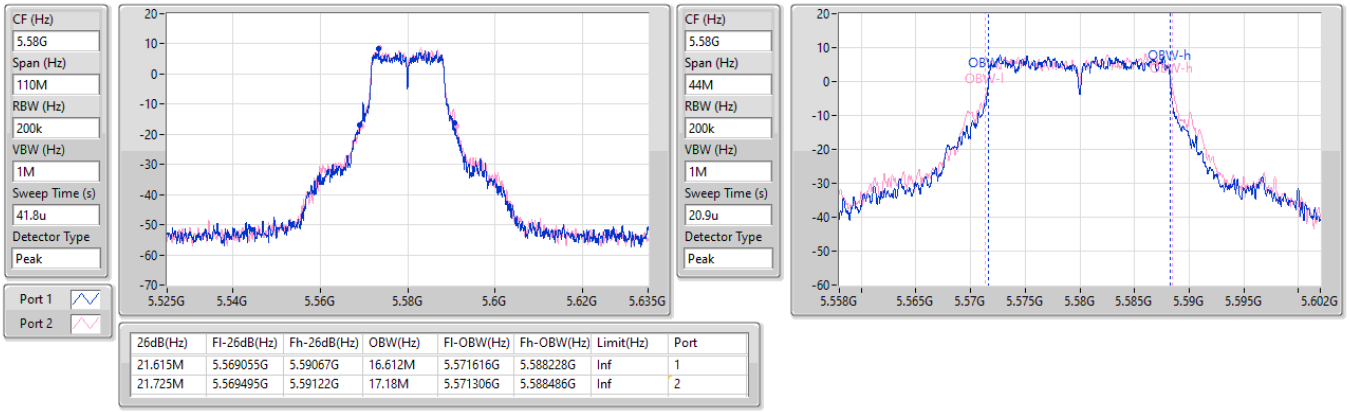


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.489495G	5.51089G	16.759M	5.491651G	5.508409G	Inf	1
22.605M	5.48845G	5.511055G	16.856M	5.491462G	5.508318G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5580MHz

30/12/2023

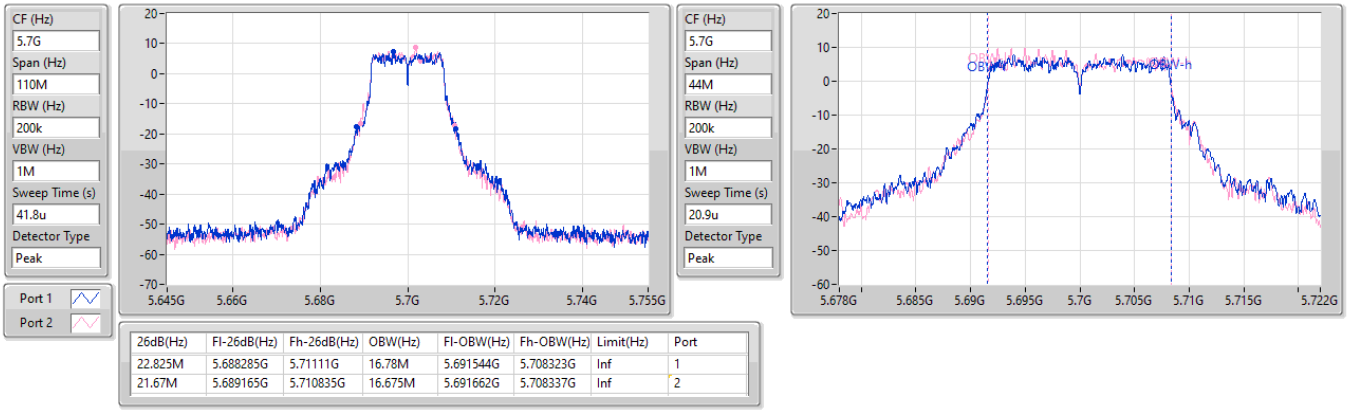


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.615M	5.569055G	5.59067G	16.612M	5.571616G	5.588228G	Inf	1
21.725M	5.569495G	5.59122G	17.18M	5.571306G	5.588486G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5700MHz

30/12/2023

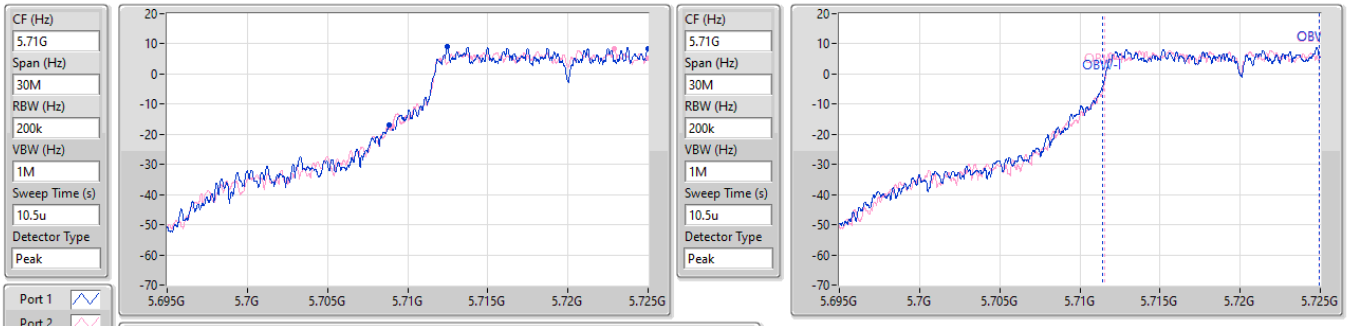


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.825M	5.688285G	5.71111G	16.78M	5.691544G	5.708323G	Inf	1
21.67M	5.689165G	5.710835G	16.675M	5.691662G	5.708337G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

30/12/2023

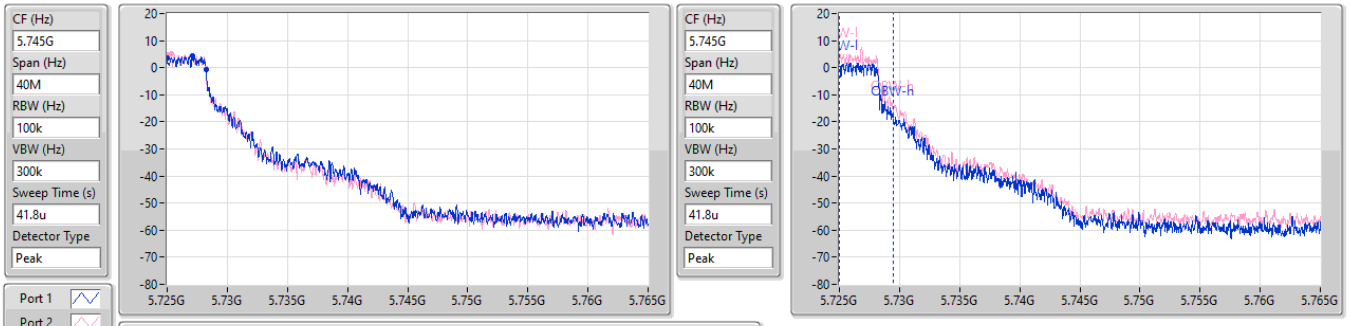


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.185M	5.708815G	5.725G	13.489M	5.711444G	5.724933G	Inf	1
15.96M	5.70904G	5.725G	13.358M	5.71157G	5.724928G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

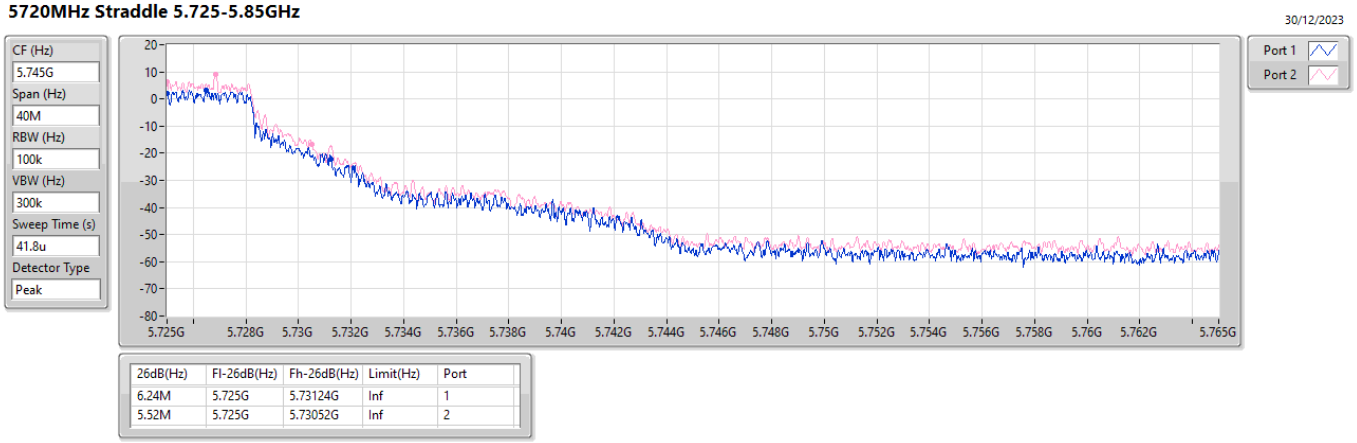
30/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.24M	5.725G	5.72824G	4.48M	5.725014G	5.729494G	500k	1
3.22M	5.725G	5.72822G	4.501M	5.725011G	5.729512G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

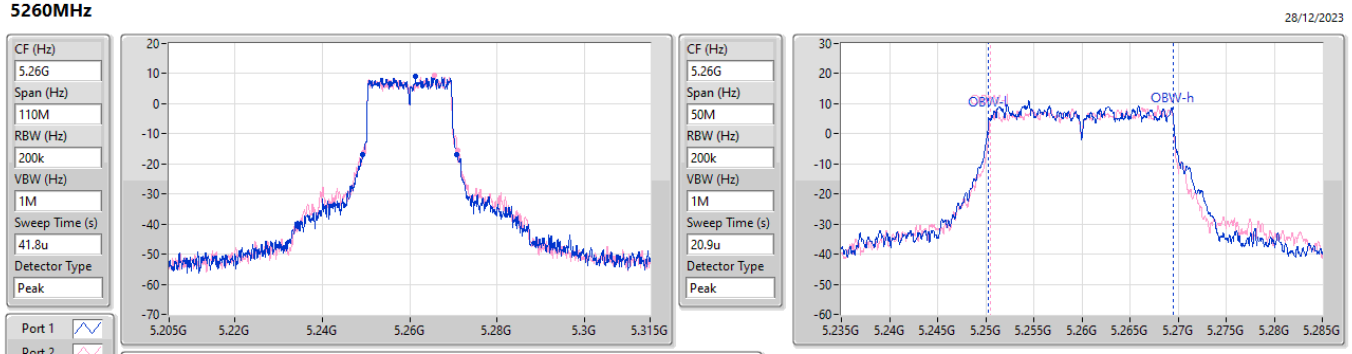
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.24M	5.725G	5.73124G	Inf	1
5.52M	5.725G	5.73052G	Inf	2

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5260MHz

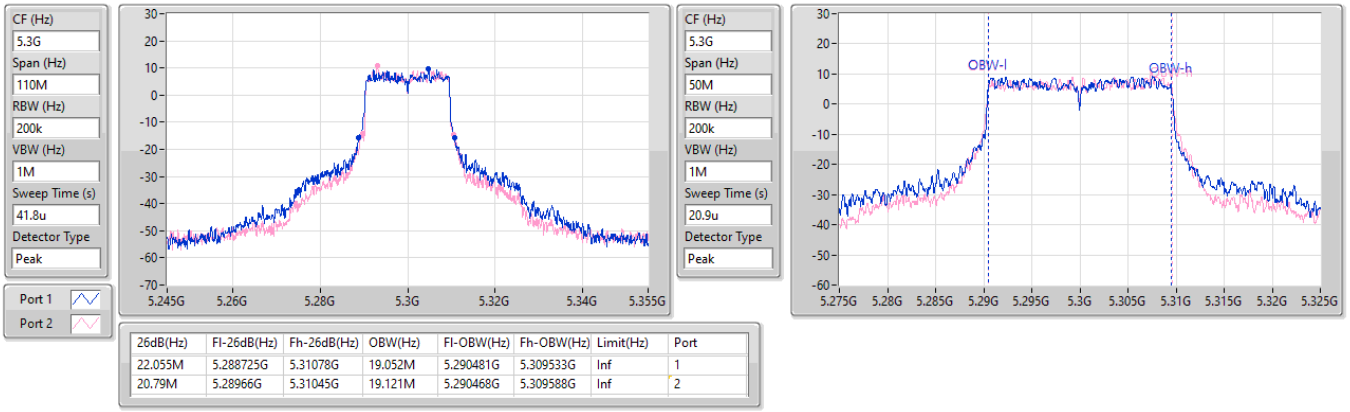


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	5.249275G	5.27078G	19.224M	5.250308G	5.269532G	Inf	1
21.505M	5.249385G	5.27089G	19.054M	5.250447G	5.269501G	Inf	2

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5300MHz

28/12/2023

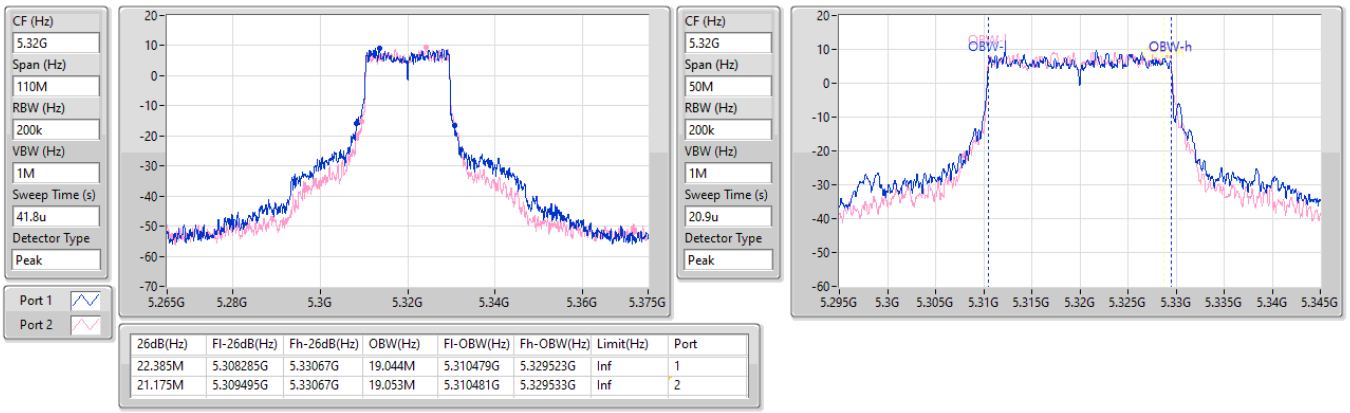


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.055M	5.288725G	5.31078G	19.052M	5.290481G	5.309533G	Inf	1
20.79M	5.28966G	5.31045G	19.121M	5.290468G	5.309588G	Inf	2

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5320MHz

28/12/2023

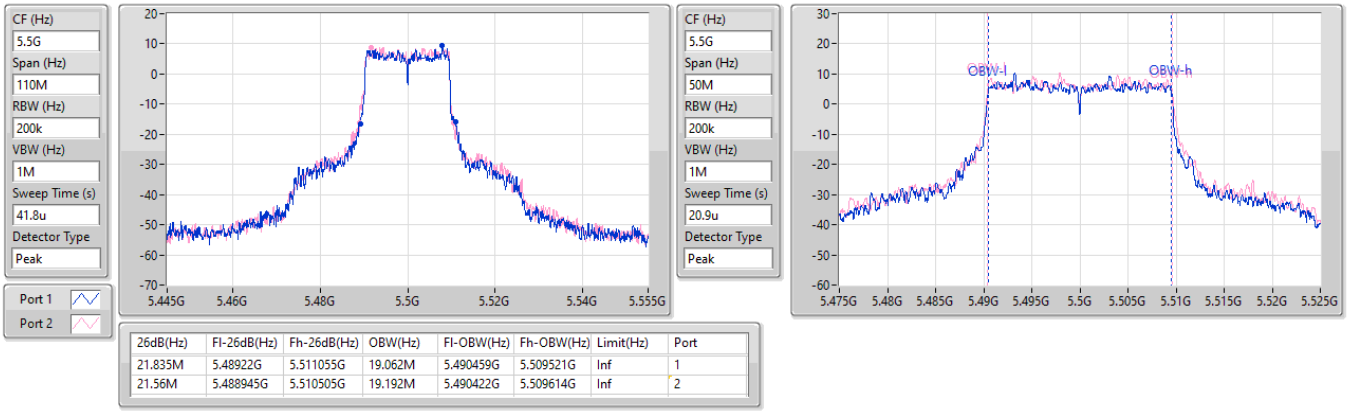


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.385M	5.308285G	5.33067G	19.044M	5.310479G	5.329523G	Inf	1
21.175M	5.309495G	5.33067G	19.053M	5.310481G	5.329533G	Inf	2

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5500MHz

30/12/2023

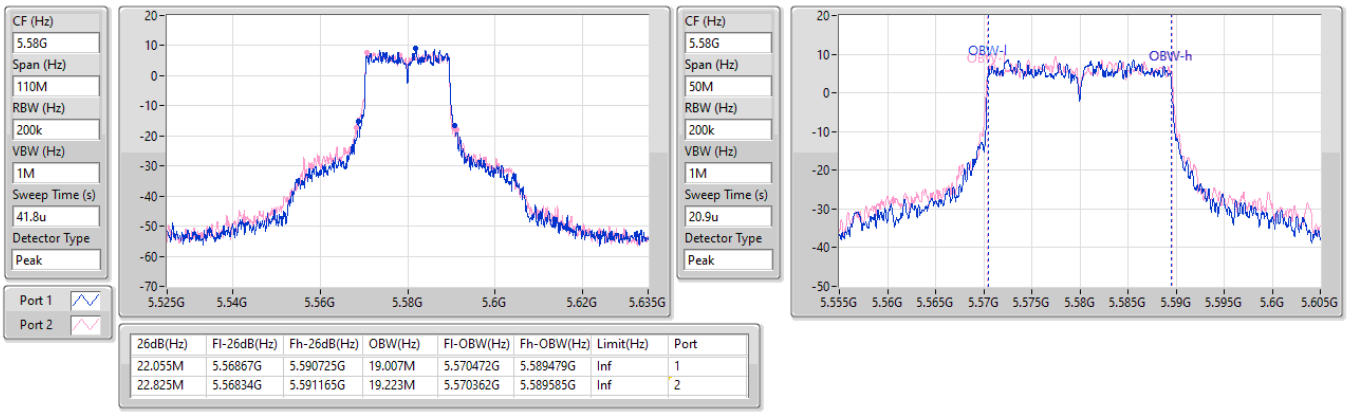


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.835M	5.48922G	5.511055G	19.062M	5.490459G	5.509521G	Inf	1
21.56M	5.488945G	5.510505G	19.192M	5.490422G	5.509614G	Inf	2

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5580MHz

30/12/2023

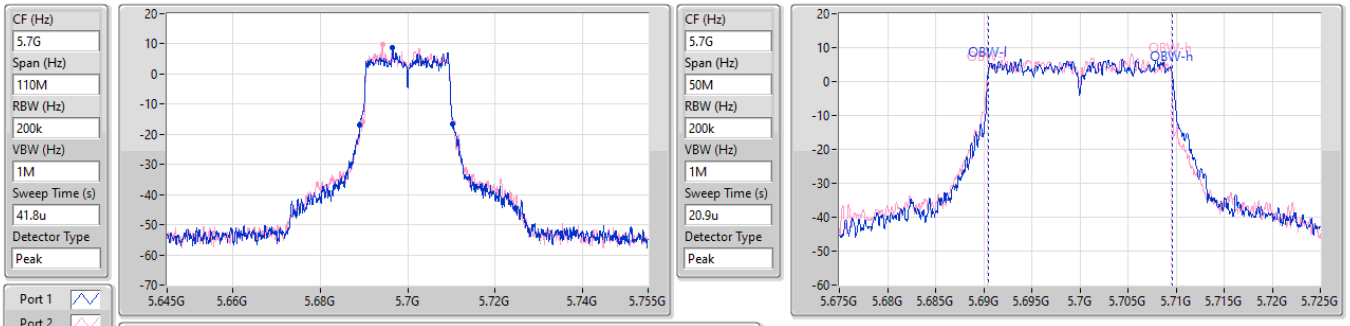


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.055M	5.56867G	5.590725G	19.007M	5.570472G	5.589479G	Inf	1
22.825M	5.56834G	5.591165G	19.223M	5.570362G	5.589585G	Inf	2

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5700MHz

28/12/2023

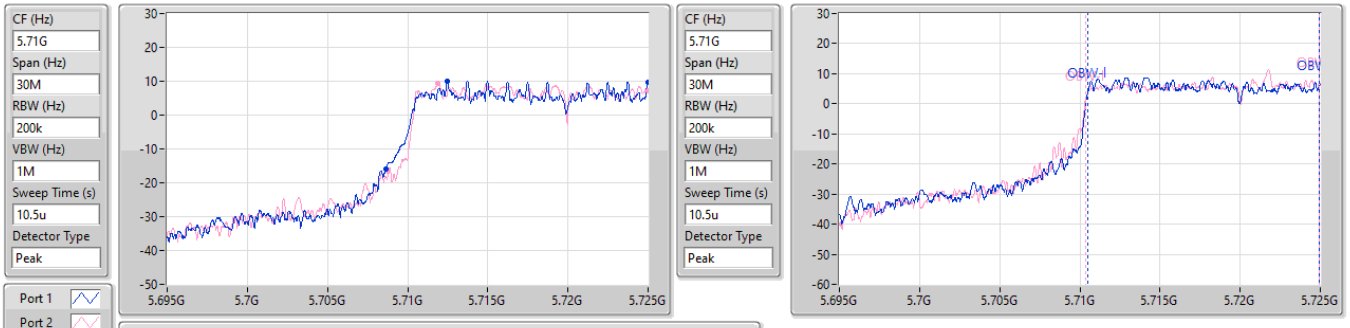


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	5.689055G	5.710285G	19.162M	5.690482G	5.709644G	Inf	1
20.845M	5.68966G	5.710505G	19.042M	5.690414G	5.709456G	Inf	2

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

30/12/2023

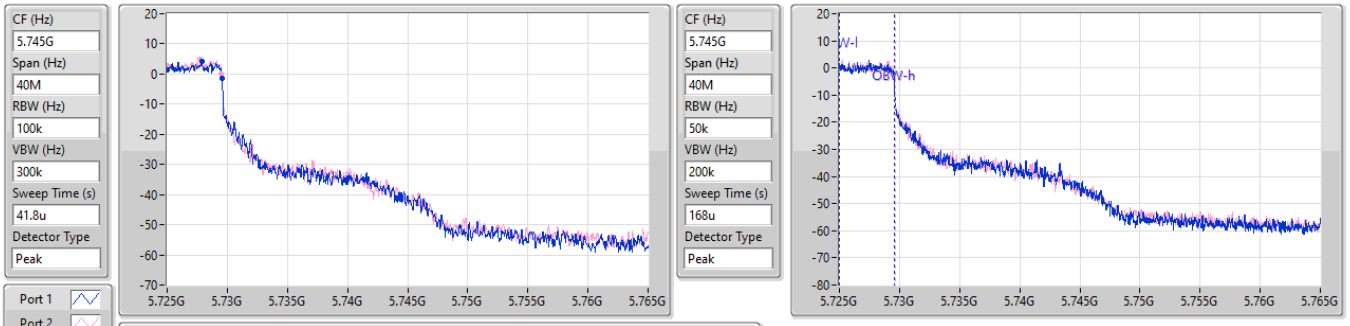


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.70865G	5.725G	14.47M	5.710464G	5.724933G	Inf	1
16.2M	5.7088G	5.725G	14.551M	5.710386G	5.724936G	Inf	2

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

30/12/2023

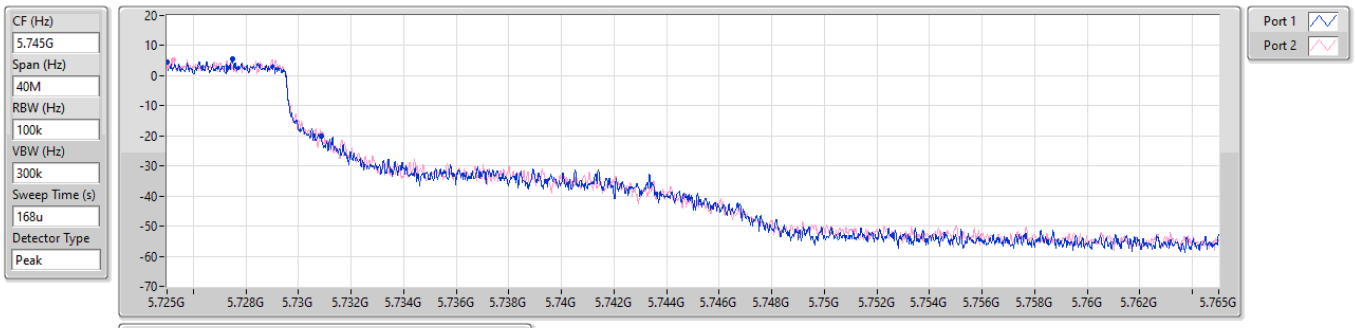


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.56M	5.725G	5.72956G	4.592M	5.725016G	5.729608G	500k	1
4.52M	5.725G	5.72952G	4.605M	5.725022G	5.729627G	500k	2

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

30/12/2023

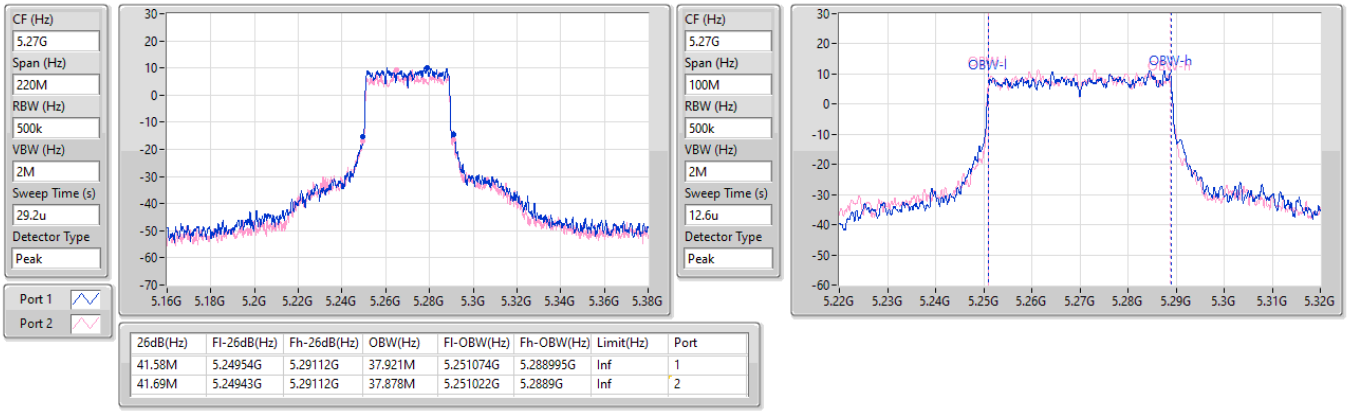


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.86M	5.725G	5.73086G	Inf	1
5.88M	5.725G	5.73088G	Inf	2

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5270MHz

28/12/2023

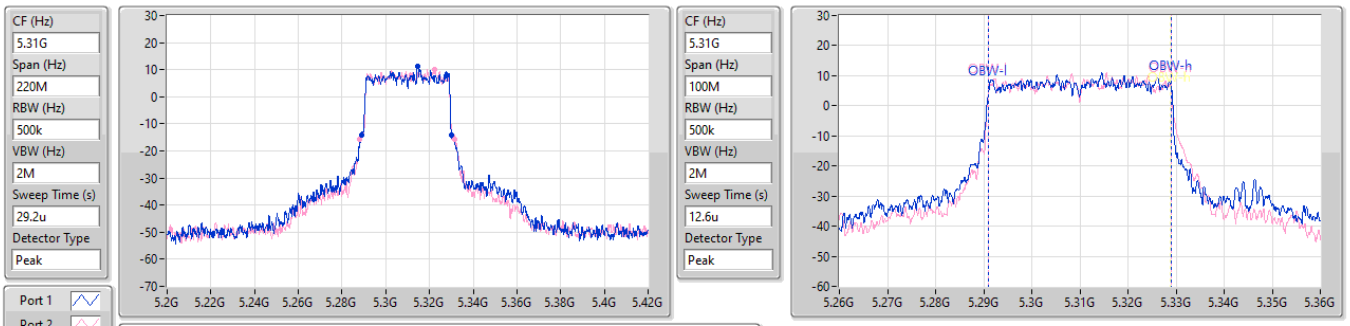


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.24954G	5.29112G	37.921M	5.251074G	5.288995G	Inf	1
41.69M	5.24943G	5.29112G	37.878M	5.251022G	5.2889G	Inf	2

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5310MHz

28/12/2023

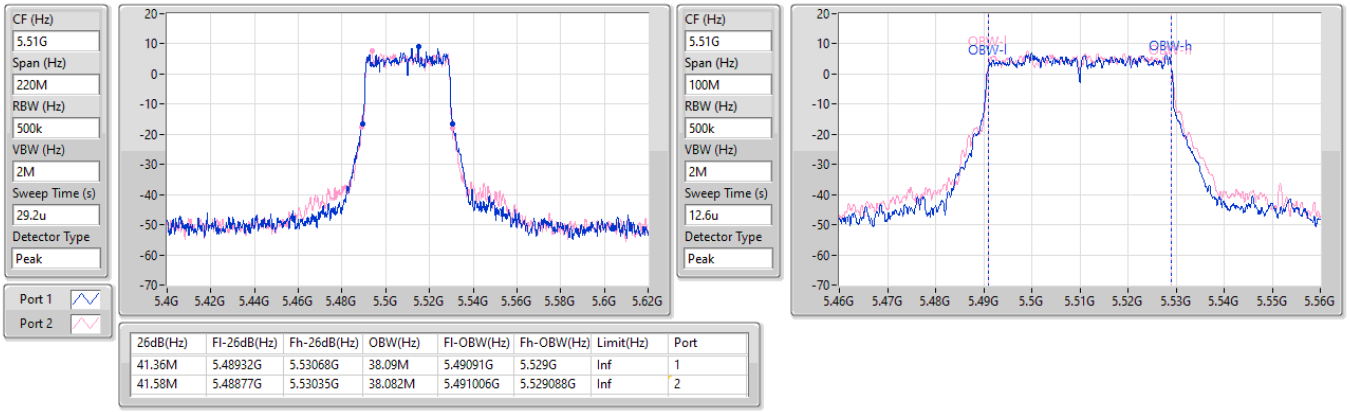


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.25M	5.28888G	5.33013G	37.957M	5.291059G	5.329016G	Inf	1
43.67M	5.288G	5.33167G	37.956M	5.291078G	5.329034G	Inf	2

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5510MHz

28/12/2023

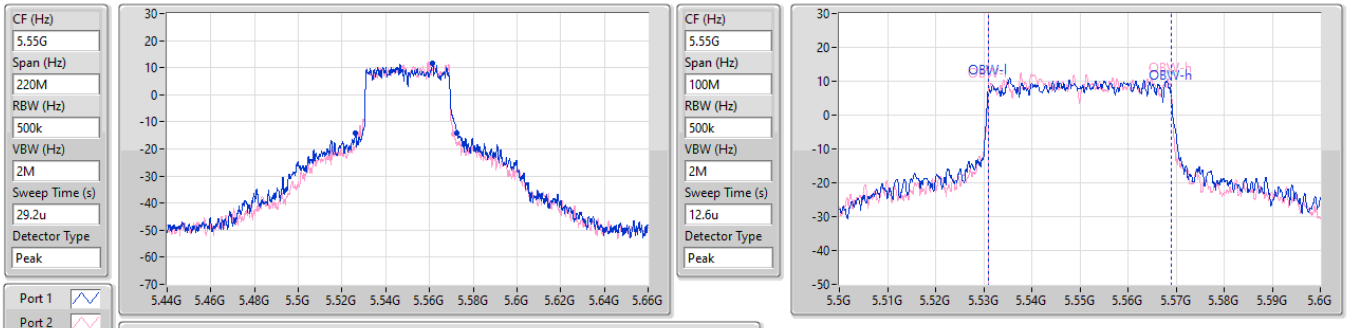


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.36M	5.48932G	5.53068G	38.09M	5.49091G	5.529G	Inf	1
41.58M	5.48877G	5.53035G	38.082M	5.491006G	5.529088G	Inf	2

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5550MHz

28/12/2023

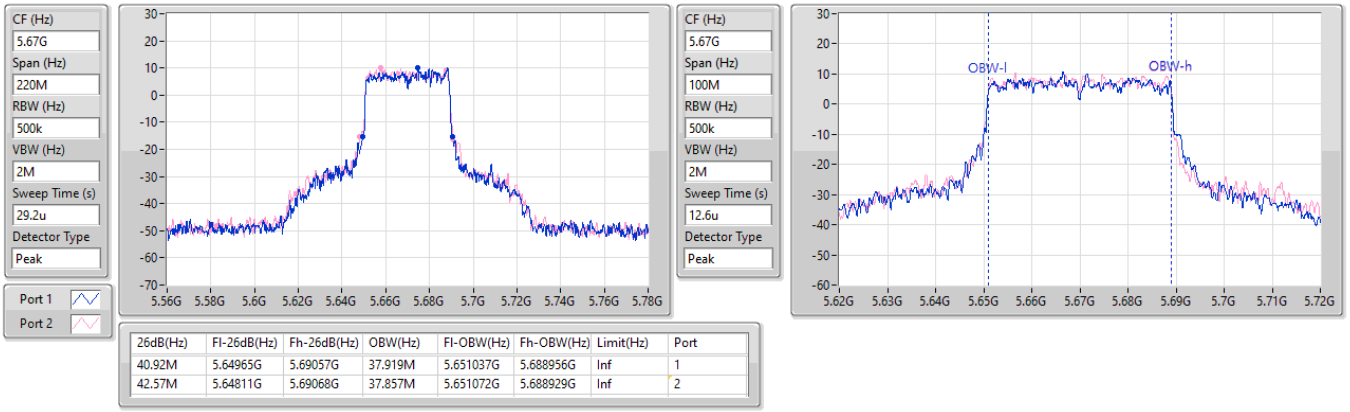


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.42M	5.52624G	5.57266G	38.114M	5.530892G	5.569005G	Inf	1
43.12M	5.528G	5.57112G	37.895M	5.531055G	5.56895G	Inf	2

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5670MHz

28/12/2023

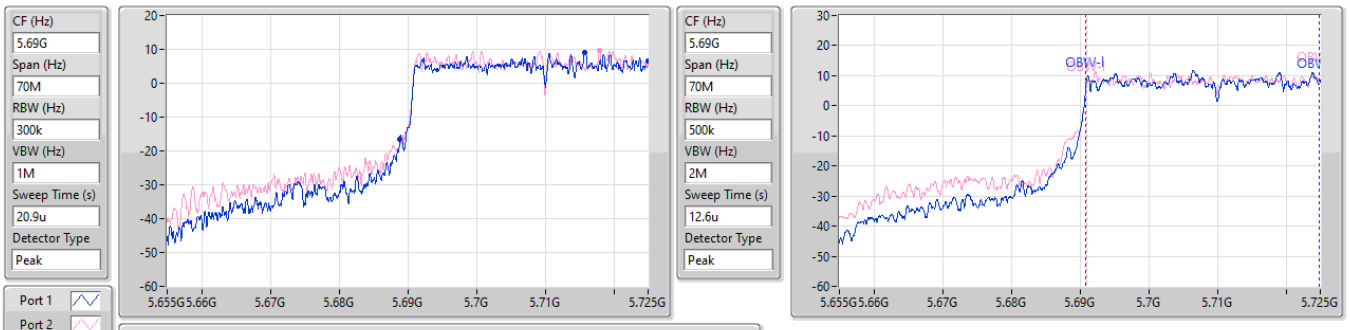


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.64965G	5.69057G	37.919M	5.651037G	5.688956G	Inf	1
42.57M	5.64811G	5.69068G	37.857M	5.651072G	5.688929G	Inf	2

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

28/12/2023

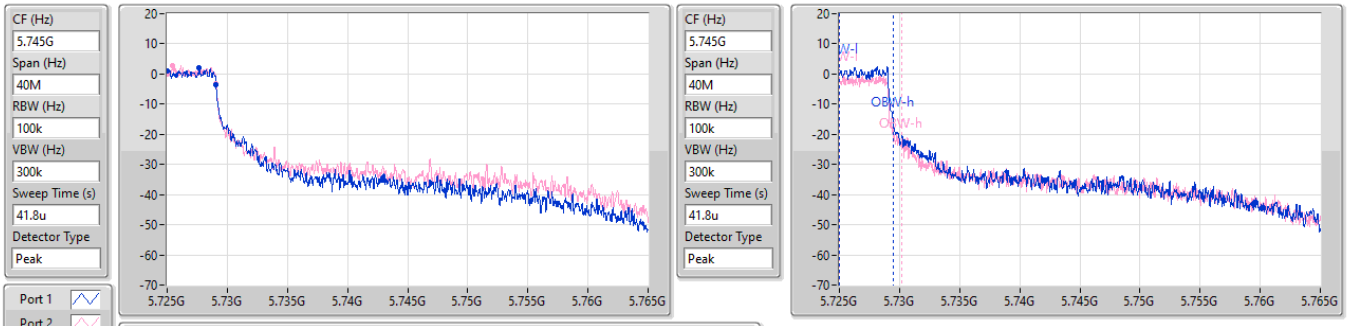


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.155M	5.688845G	5.725G	33.918M	5.690904G	5.724822G	Inf	1
35.7M	5.6893G	5.725G	33.891M	5.690931G	5.724822G	Inf	2

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

28/12/2023

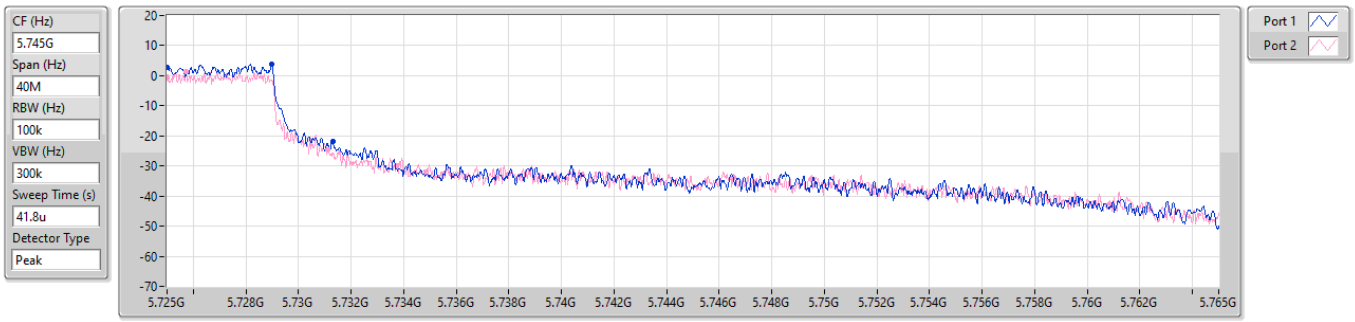


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.06M	5.725G	5.72906G	4.473M	5.725017G	5.729489G	500k	1
4.06M	5.725G	5.72906G	5.131M	5.72502G	5.730151G	500k	2

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

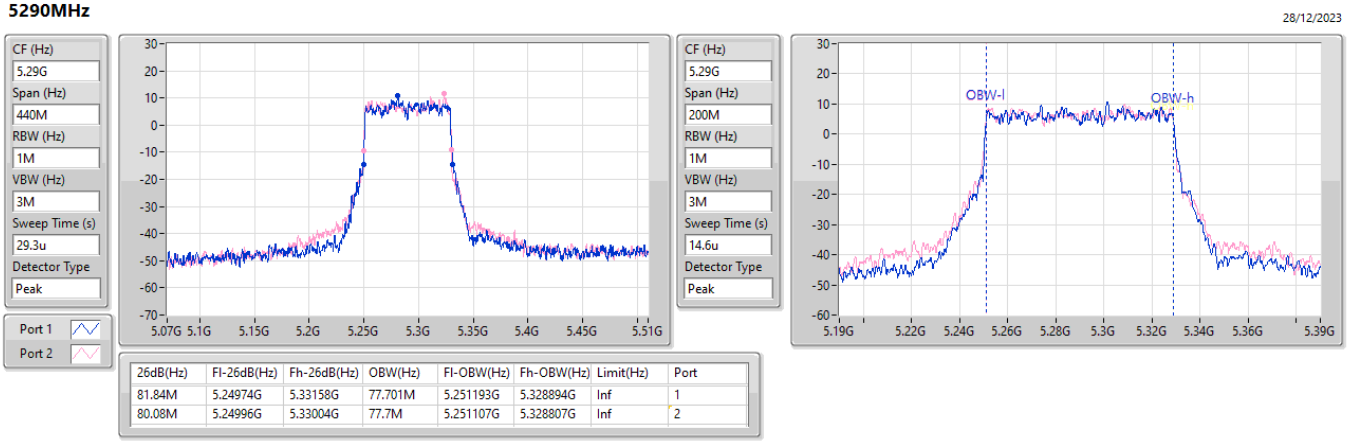
28/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.3M	5.725G	5.7313G	Inf	1
6.12M	5.725G	5.73112G	Inf	2

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX **EBW**

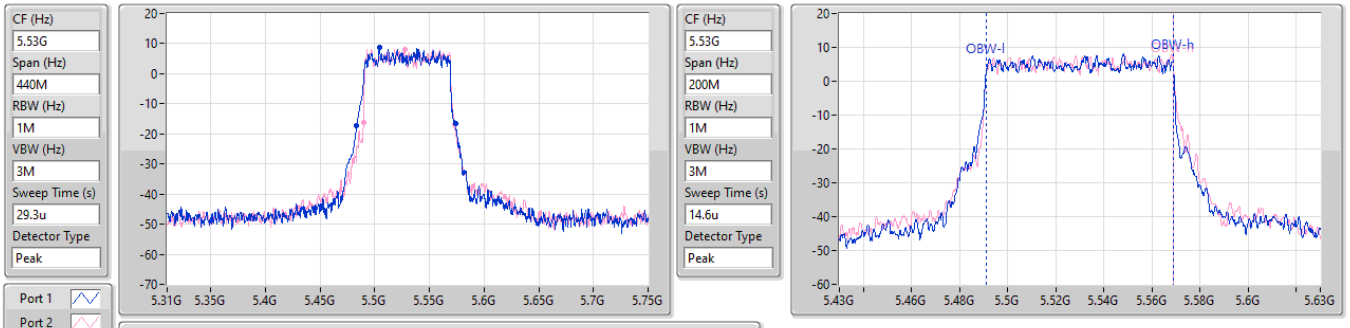
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.24974G	5.33158G	77.701M	5.251193G	5.328894G	Inf	1
80.08M	5.24996G	5.33004G	77.7M	5.251107G	5.328807G	Inf	2

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **EBW**

5530MHz

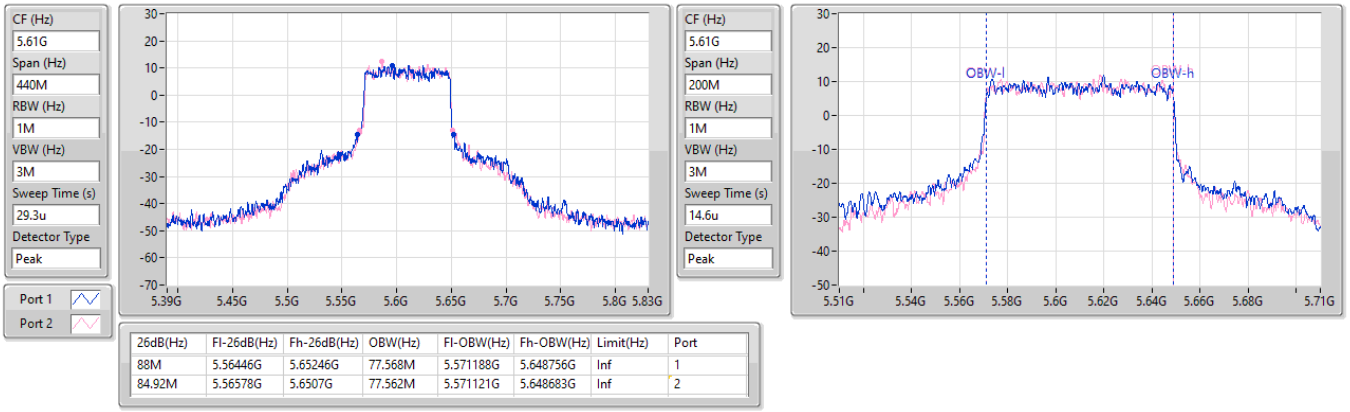


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
89.98M	5.48358G	5.57356G	77.681M	5.491127G	5.568807G	Inf	1
83.6M	5.48952G	5.57312G	77.709M	5.491226G	5.568935G	Inf	2

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **EBW**

5610MHz

28/12/2023

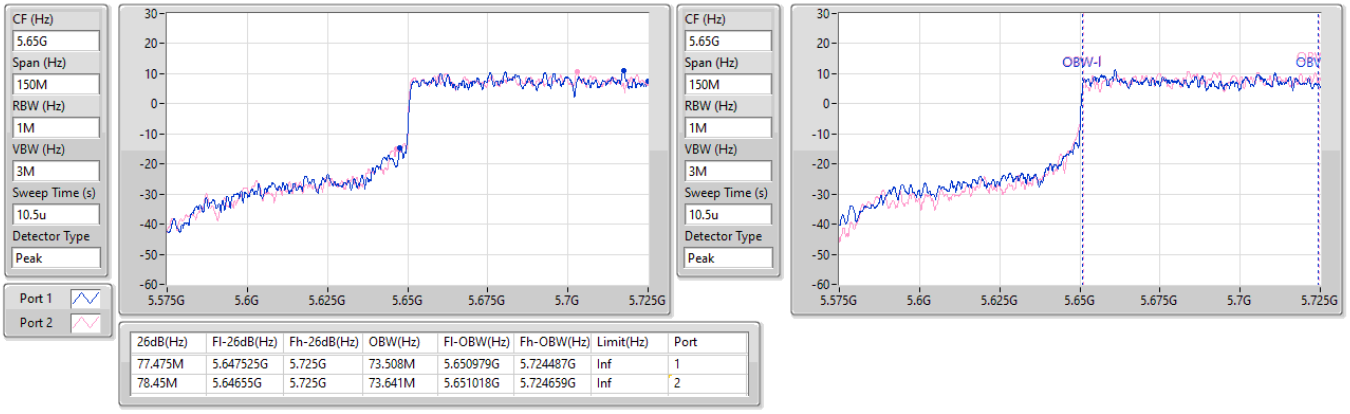


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88M	5.56446G	5.65246G	77.568M	5.571188G	5.648756G	Inf	1
84.92M	5.56578G	5.6507G	77.562M	5.571121G	5.648683G	Inf	2

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

28/12/2023

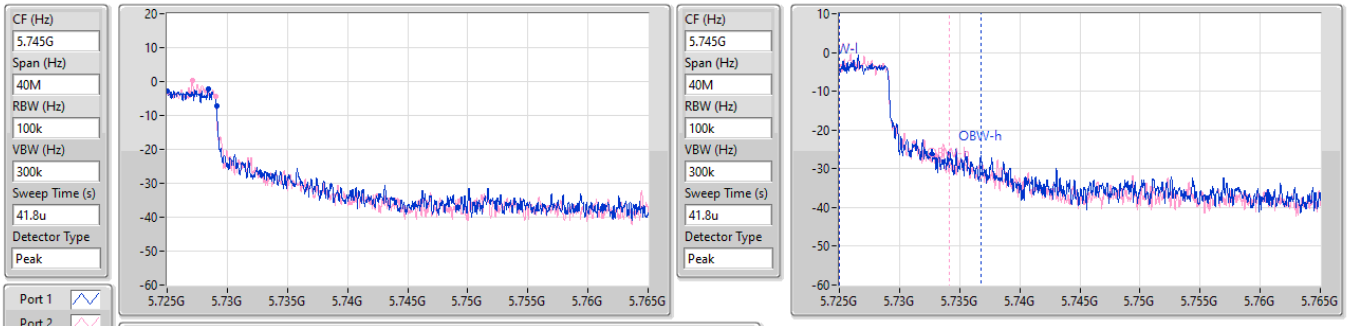


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.475M	5.647525G	5.725G	73.508M	5.650979G	5.724487G	Inf	1
78.45M	5.64655G	5.725G	73.641M	5.651018G	5.724659G	Inf	2

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

28/12/2023

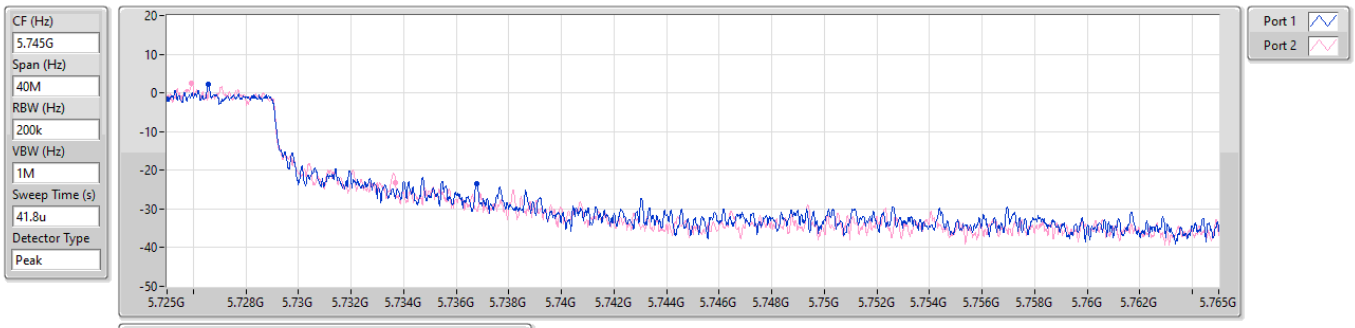


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	11.726M	5.725024G	5.73675G	500k	1
4.02M	5.725G	5.72902G	9.079M	5.725025G	5.734105G	500k	2

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

28/12/2023

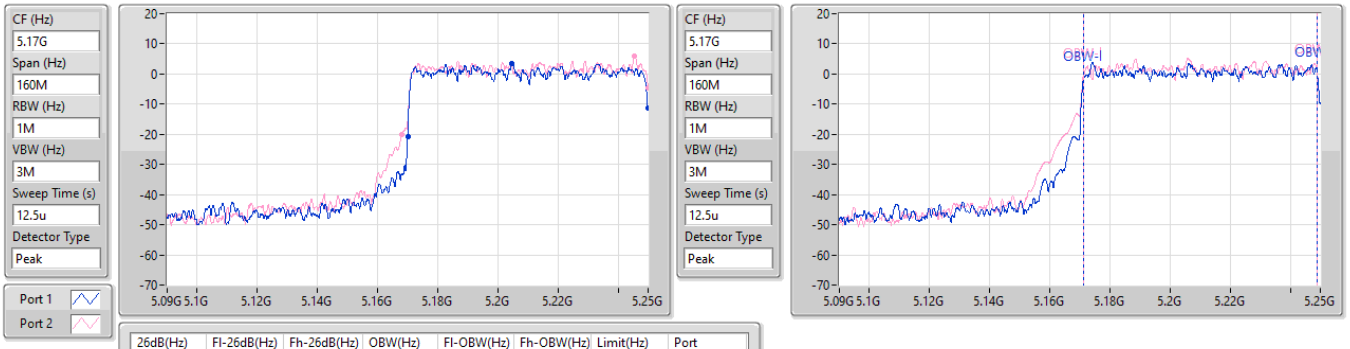


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
11.78M	5.725G	5.73678G	Inf	1
8.7M	5.725G	5.7337G	Inf	2

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.15-5.25GHz

28/12/2023

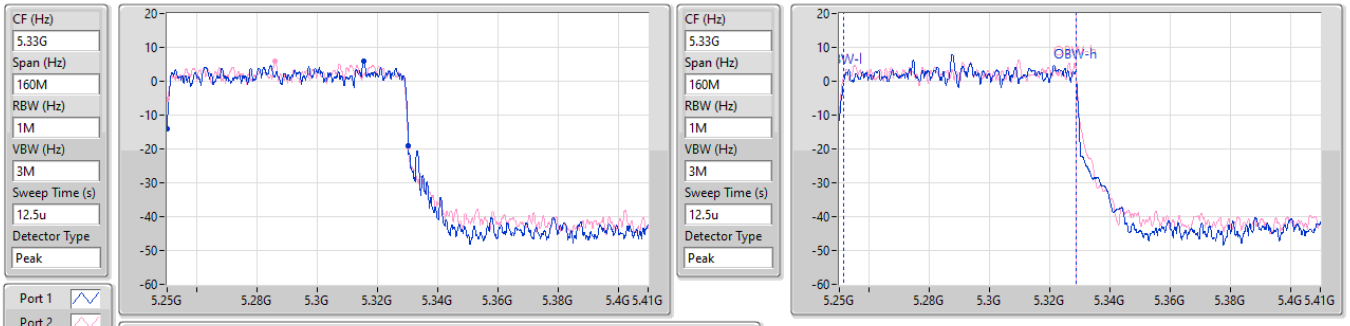


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80M	5.17G	5.25G	77.497M	5.171396G	5.248892G	Inf	1
81.92M	5.16808G	5.25G	77.588M	5.171235G	5.248822G	Inf	2

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.25-5.35GHz

28/12/2023

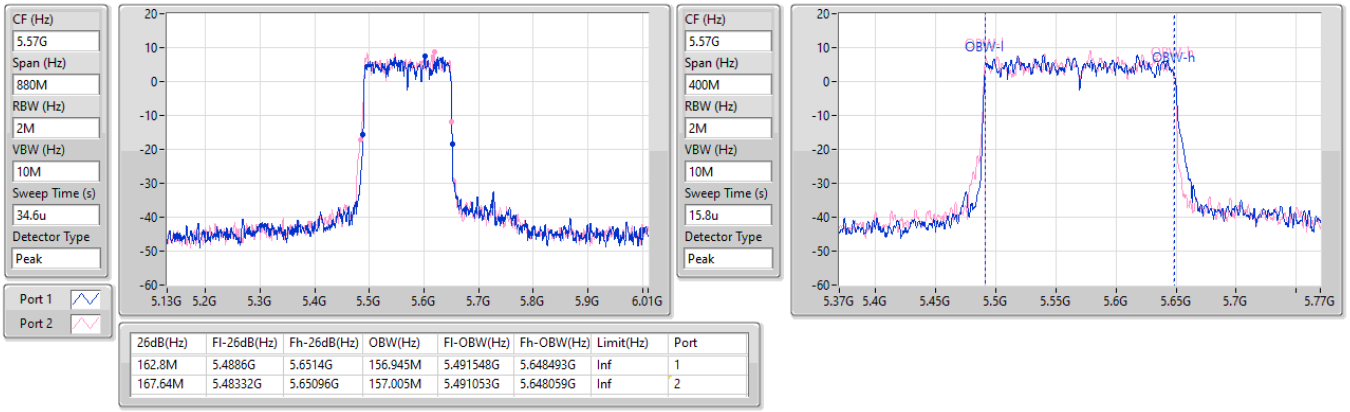


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.24M	5.25G	5.33024G	77.045M	5.251582G	5.328627G	Inf	1
80.24M	5.25G	5.33024G	77.5M	5.251234G	5.328734G	Inf	2

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX **EBW**

5570MHz

28/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.8M	5.4886G	5.6514G	156.945M	5.491548G	5.648493G	Inf	1
167.64M	5.48332G	5.65096G	157.005M	5.491053G	5.648059G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	84.8M	77.818M	77M8D1D	83.92M	77.768M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	26.895M	19.103M	19M1D1D	22.165M	19.087M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	46.42M	38.188M	38M2D1D	43.45M	38.054M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	89.76M	77.736M	77M7D1D	85.58M	77.649M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	84.72M	77.738M	77M7D1D	84.72M	77.738M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.22M	19.106M	19M1D1D	17.715M	14.586M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	45.43M	38.128M	38M1D1D	36.68M	33.972M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	91.3M	77.816M	77M8D1D	79.575M	73.626M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	174.68M	157.386M	157MD1D	173.36M	156.919M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.48M	4.64M	4M64D1D	4.44M	4.614M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.04M	7.743M	7M74D1D	4M	5.187M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.1M	8.786M	8M79D1D	4.08M	5.424M

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

Result

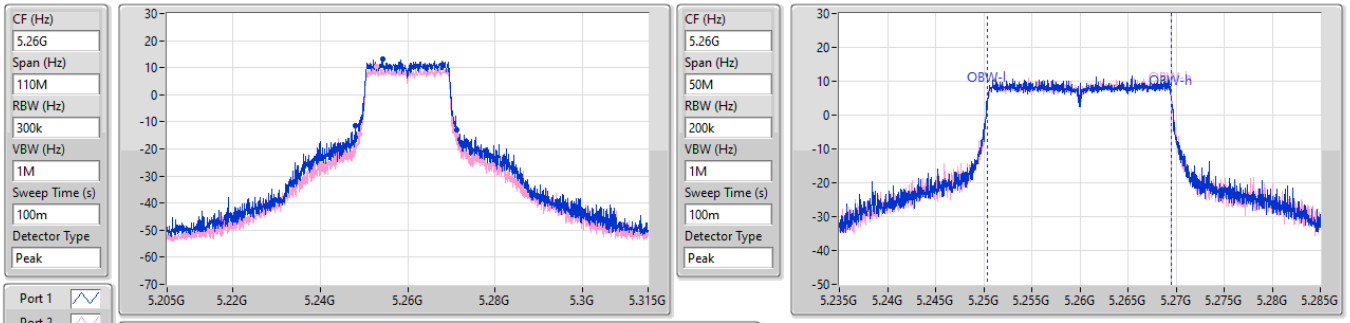
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	23.1M	19.087M	22.385M	19.103M
5300MHz	Pass	Inf	22.55M	19.099M	22.275M	19.09M
5320MHz	Pass	Inf	26.895M	19.093M	22.165M	19.099M
5500MHz	Pass	Inf	22.22M	19.085M	22.11M	19.076M
5580MHz	Pass	Inf	22M	19.092M	21.78M	19.106M
5700MHz	Pass	Inf	22M	19.08M	21.945M	19.058M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.895M	14.586M	17.715M	14.596M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.614M	4.44M	4.64M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	46.42M	38.188M	44.11M	38.112M
5310MHz	Pass	Inf	43.45M	38.054M	43.89M	38.07M
5510MHz	Pass	Inf	43.23M	38.099M	43.45M	37.96M
5550MHz	Pass	Inf	45.43M	38.128M	43.89M	38.107M
5670MHz	Pass	Inf	43.78M	38.06M	44M	38.097M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.68M	33.987M	39.9M	33.972M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	5.187M	4M	7.743M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	85.58M	77.736M	89.76M	77.649M
5530MHz	Pass	Inf	88.88M	77.753M	91.3M	77.816M
5610MHz	Pass	Inf	89.54M	77.495M	91.3M	77.594M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	80.7M	73.753M	79.575M	73.626M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	5.424M	4.08M	8.786M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	84.8M	77.818M	83.92M	77.768M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.72M	77.738M	84.72M	77.738M
5570MHz	Pass	Inf	173.36M	156.919M	174.68M	157.386M

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

5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5260MHz

30/12/2023

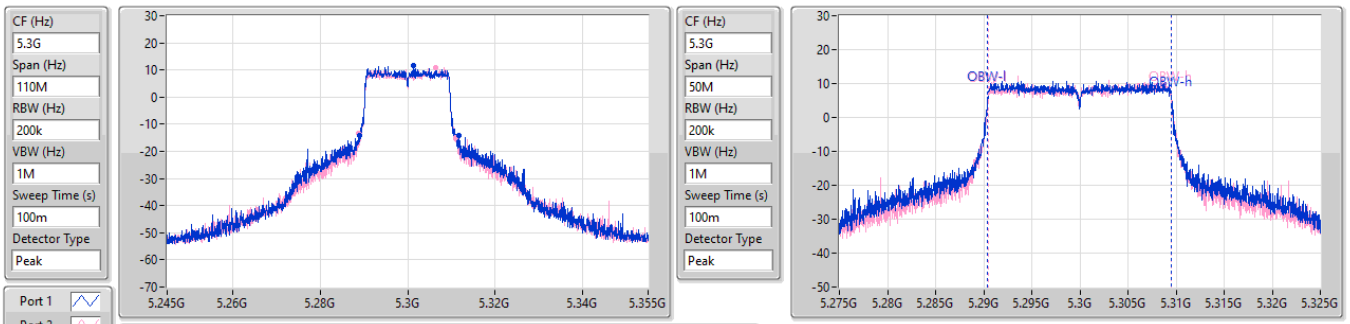


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.1M	5.24812G	5.27122G	19.087M	5.250424G	5.269512G	Inf	1
22.385M	5.248945G	5.27133G	19.103M	5.250425G	5.269528G	Inf	2

5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5300MHz

30/12/2023

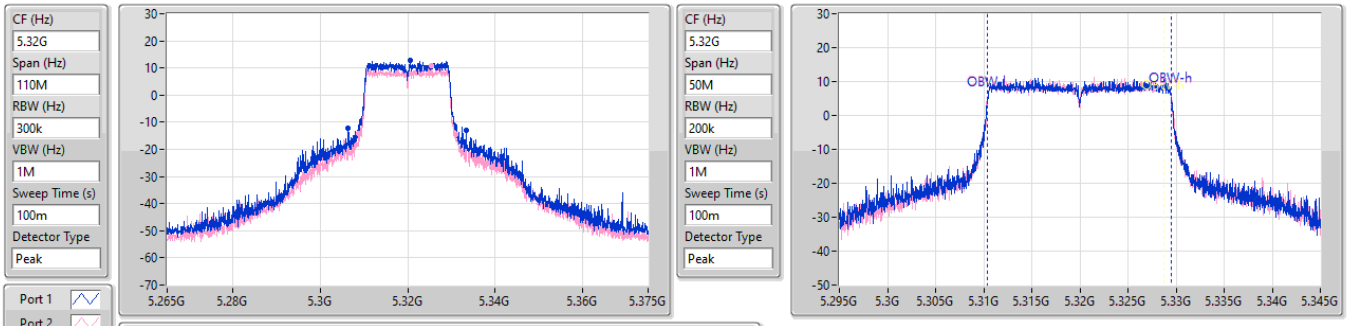


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.55M	5.289055G	5.311605G	19.099M	5.290421G	5.309521G	Inf	1
22.275M	5.288835G	5.31111G	19.09M	5.290451G	5.309542G	Inf	2

5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5320MHz

30/12/2023

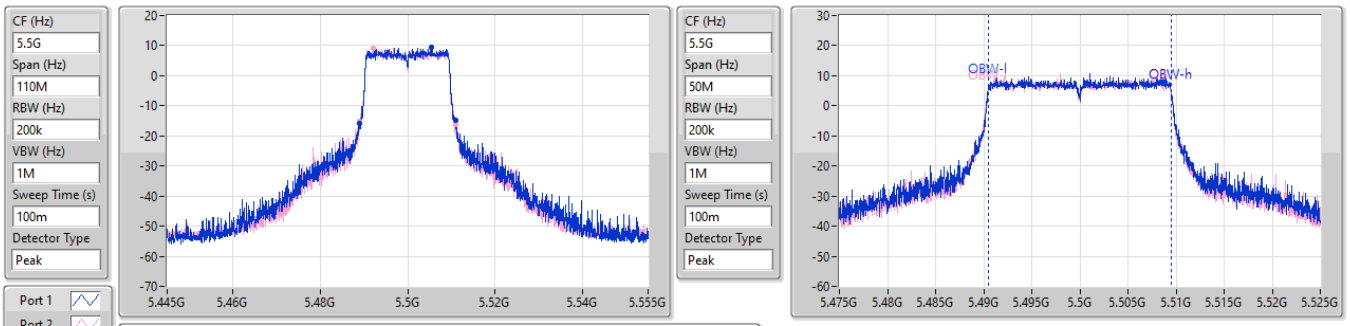


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.895M	5.306415G	5.33331G	19.093M	5.310414G	5.329507G	Inf	1
22.165M	5.308725G	5.33089G	19.099M	5.310419G	5.329517G	Inf	2

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5500MHz

30/12/2023

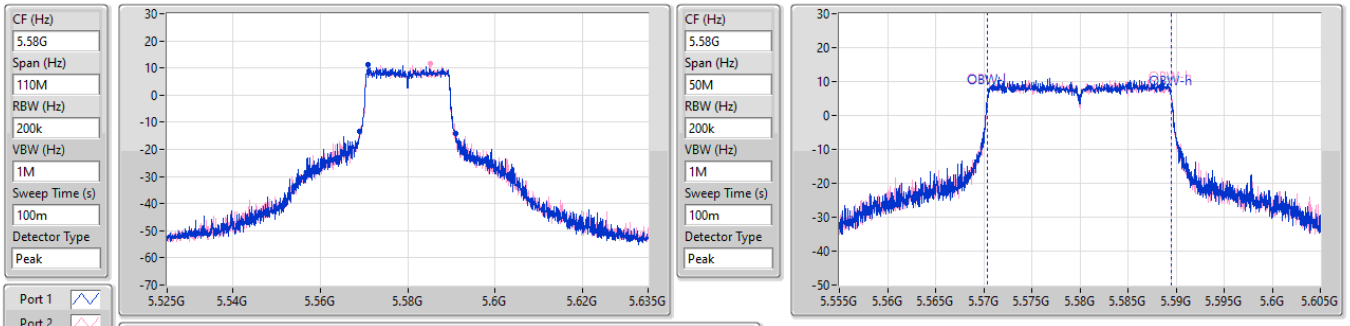


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.22M	5.48889G	5.51111G	19.085M	5.490444G	5.509529G	Inf	1
22.11M	5.488945G	5.511055G	19.076M	5.490442G	5.509517G	Inf	2

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5580MHz

30/12/2023

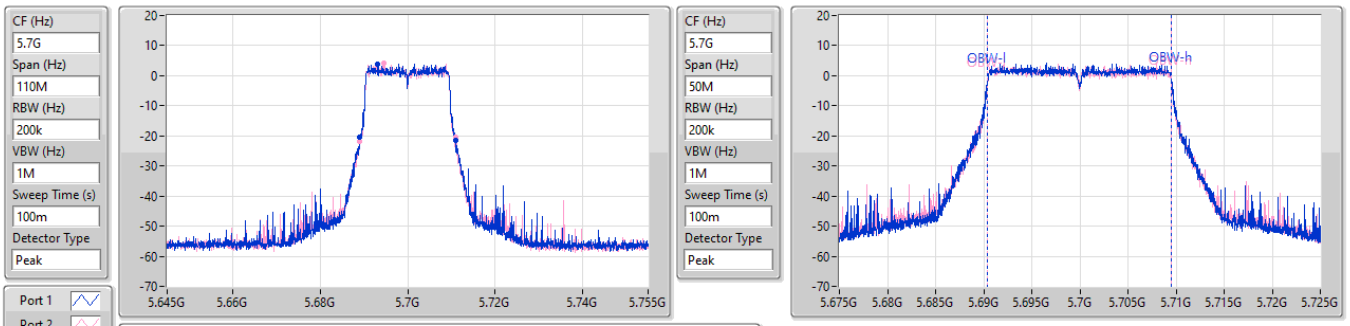


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.569G	5.591G	19.092M	5.570423G	5.589515G	Inf	1
21.78M	5.569G	5.59078G	19.106M	5.570427G	5.589533G	Inf	2

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5700MHz

30/12/2023

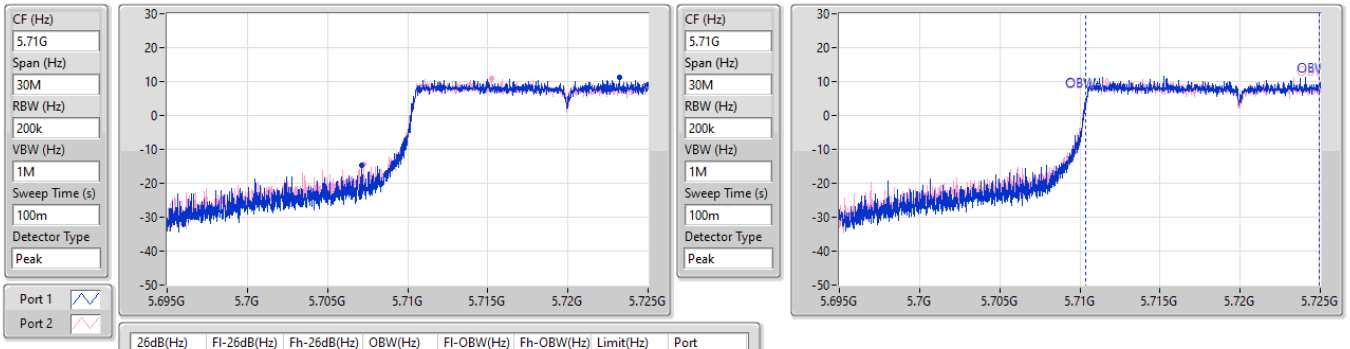


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.689055G	5.711055G	19.08M	5.690423G	5.709503G	Inf	1
21.945M	5.689G	5.710945G	19.058M	5.690428G	5.709486G	Inf	2

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

30/12/2023

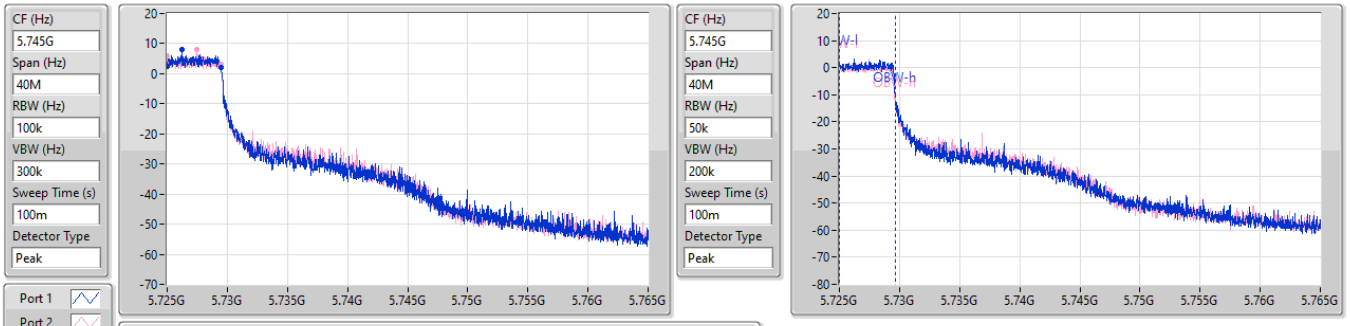


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.895M	5.707105G	5.725G	14.586M	5.710355G	5.724941G	Inf	1
17.715M	5.707285G	5.725G	14.596M	5.710331G	5.724928G	Inf	2

5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

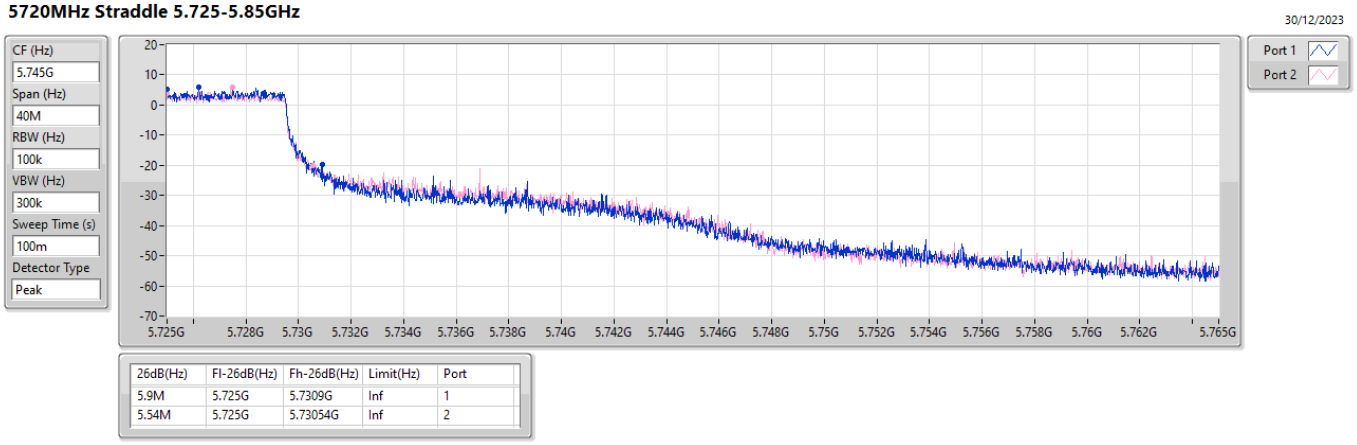
30/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	4.614M	5.725014G	5.729628G	500k	1
4.44M	5.725G	5.72944G	4.64M	5.725017G	5.729657G	500k	2

5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

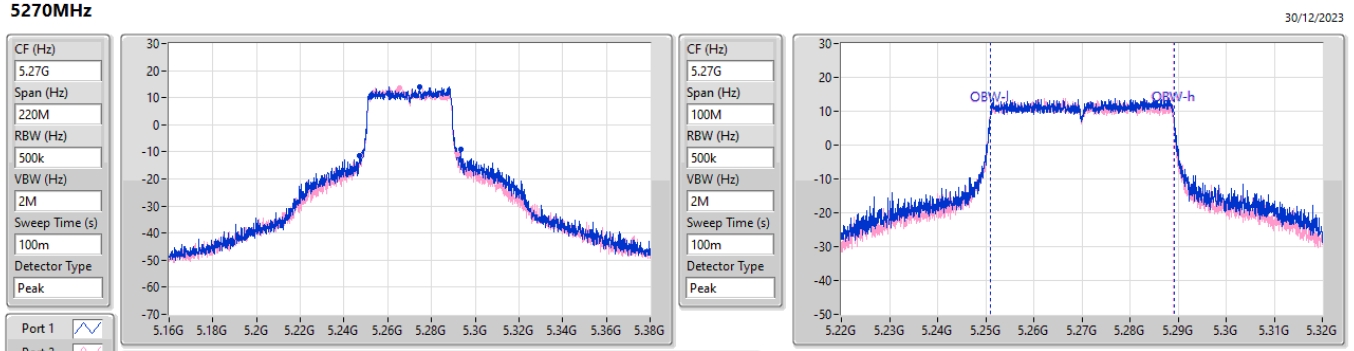
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.9M	5.725G	5.7309G	Inf	1
5.54M	5.725G	5.73054G	Inf	2

5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

5270MHz

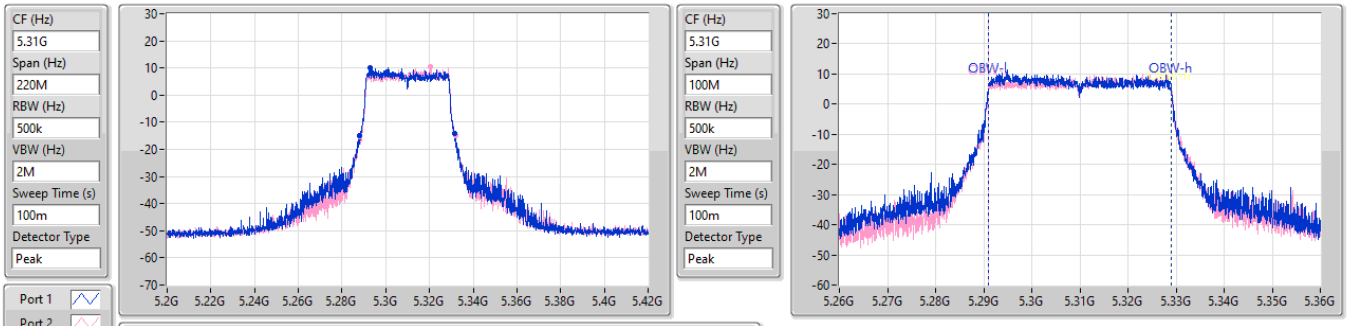


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.42M	5.24723G	5.29365G	38.188M	5.250945G	5.289133G	Inf	1
44.11M	5.24767G	5.29178G	38.112M	5.250903G	5.289015G	Inf	2

5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

5310MHz

30/12/2023

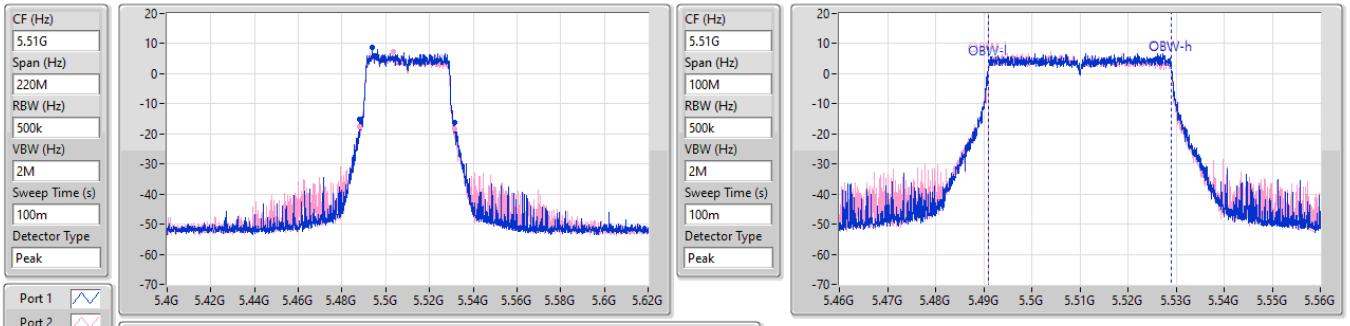


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.45M	5.288G	5.33145G	38.054M	5.290932G	5.328986G	Inf	1
43.89M	5.28811G	5.332G	38.07M	5.290986G	5.329055G	Inf	2

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

5510MHz

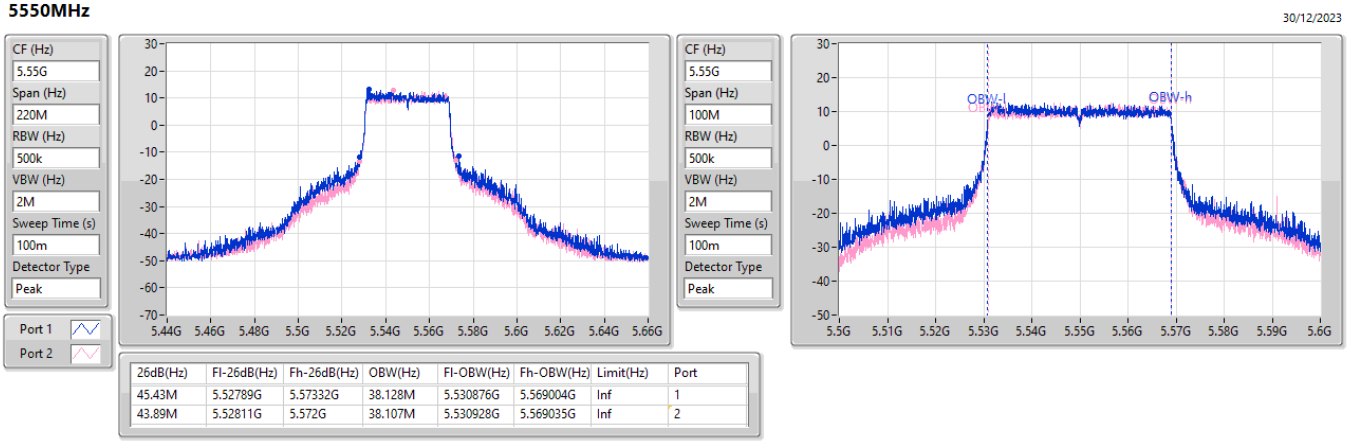
30/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.23M	5.48811G	5.53134G	38.099M	5.490936G	5.529034G	Inf	1
43.45M	5.48811G	5.53156G	37.96M	5.490955G	5.528915G	Inf	2

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

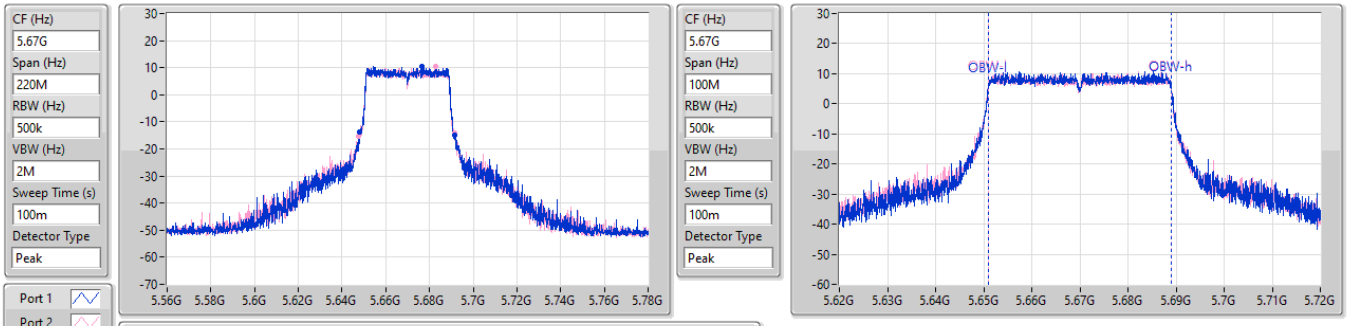
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.43M	5.52789G	5.57332G	38.128M	5.530876G	5.569004G	Inf	1
43.89M	5.52811G	5.572G	38.107M	5.530928G	5.569035G	Inf	2

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

5670MHz

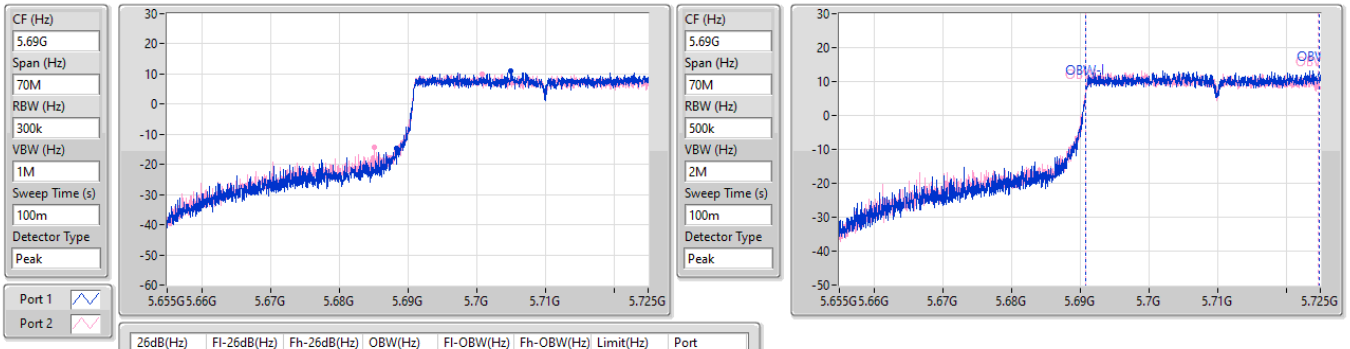


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.78M	5.64778G	5.69156G	38.06M	5.650946G	5.689006G	Inf	1
44M	5.64756G	5.69156G	38.097M	5.65091G	5.689007G	Inf	2

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

30/12/2023

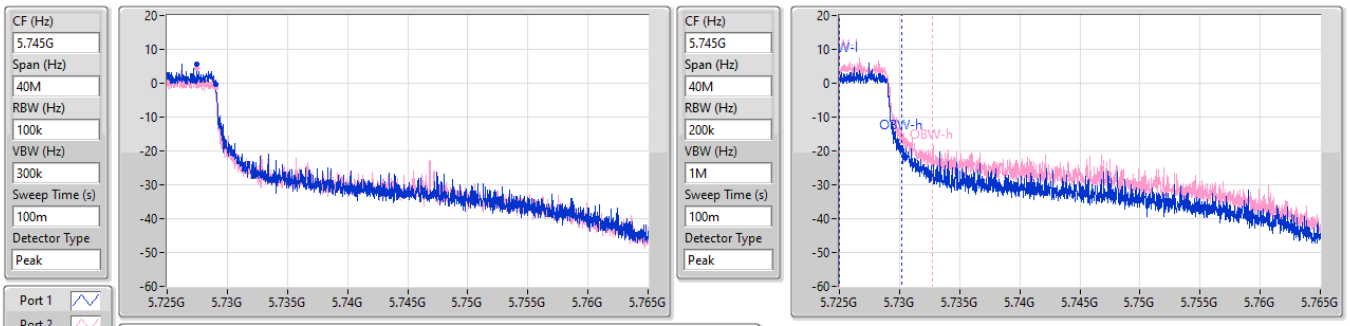


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.68M	5.68832G	5.725G	33.987M	5.690868G	5.724855G	Inf	1
39.9M	5.6851G	5.725G	33.972M	5.690788G	5.72476G	Inf	2

5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

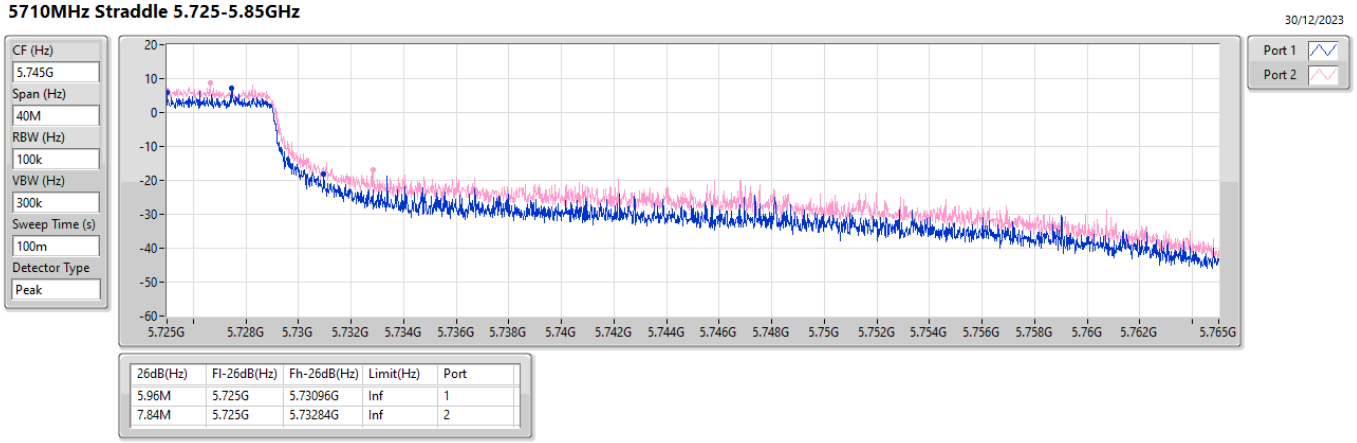
30/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.04M	5.725G	5.72904G	5.187M	5.725011G	5.730198G	500k	1
4M	5.725G	5.729G	7.743M	5.725016G	5.732759G	500k	2

5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

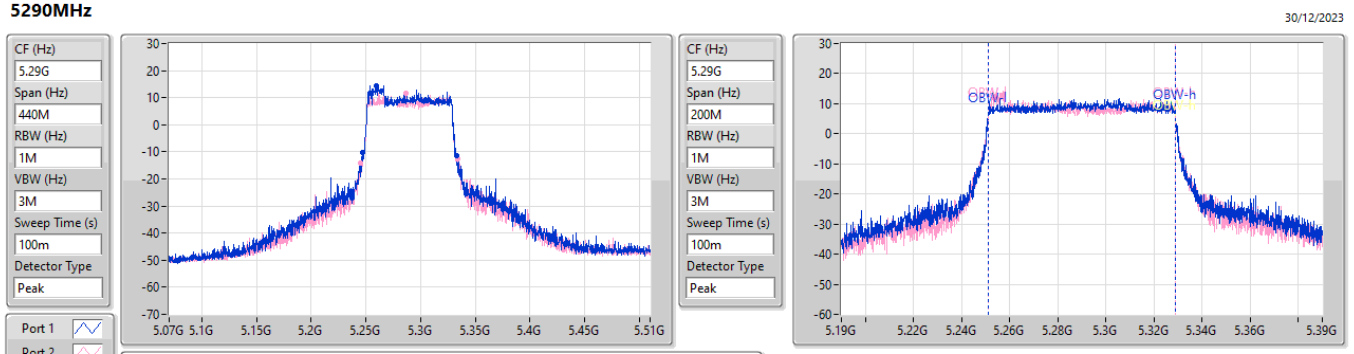
5710MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.96M	5.725G	5.73096G	Inf	1
7.84M	5.725G	5.73284G	Inf	2

5.25-5.35GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **EBW**

5290MHz

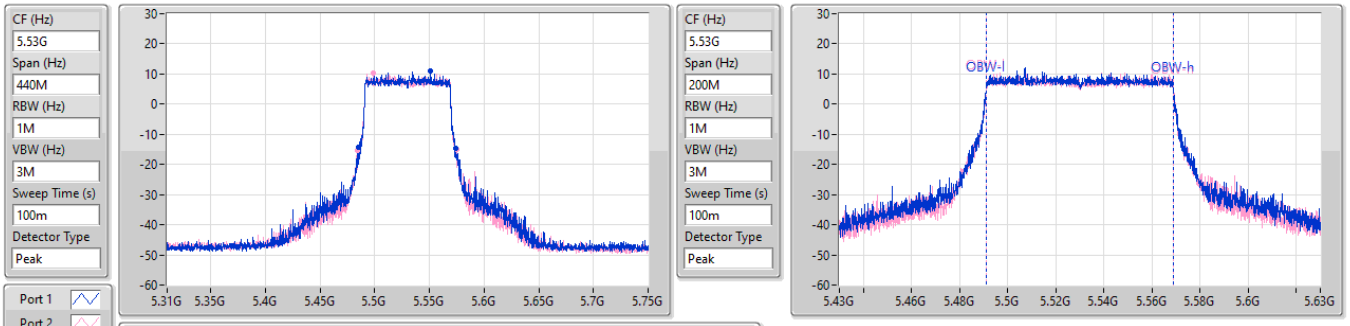


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.58M	5.24732G	5.3329G	77.736M	5.251105G	5.32884G	Inf	1
89.76M	5.24468G	5.33444G	77.649M	5.251179G	5.328828G	Inf	2

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **EBW**

5530MHz

30/12/2023

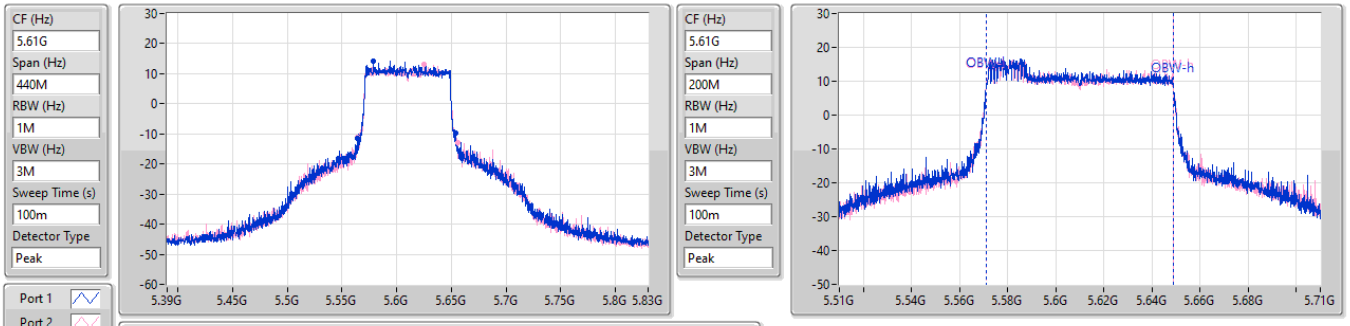


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.88M	5.4849G	5.57378G	77.753M	5.491072G	5.568825G	Inf	1
91.3M	5.48402G	5.57532G	77.816M	5.491073G	5.568889G	Inf	2

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **EBW**

5610MHz

30/12/2023

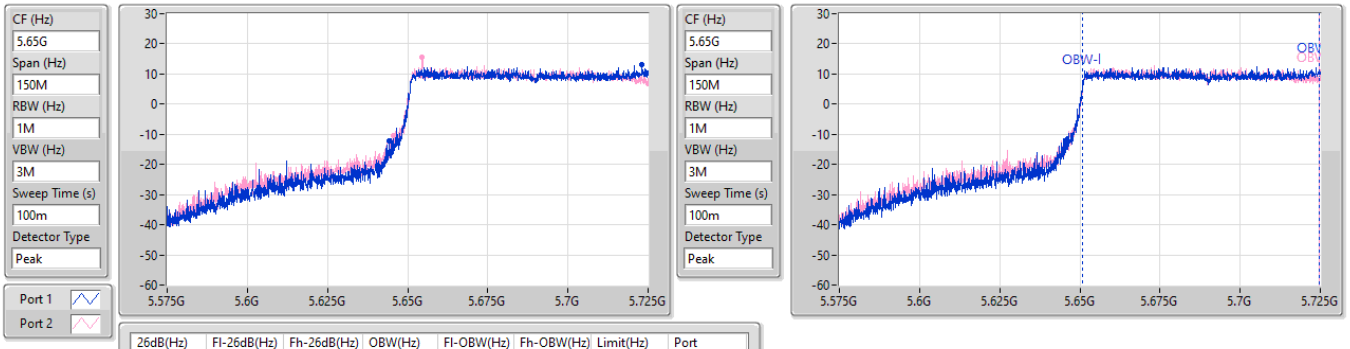


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
89.54M	5.56402G	5.65356G	77.495M	5.571241G	5.648736G	Inf	1
91.3M	5.56424G	5.65554G	77.594M	5.571133G	5.648727G	Inf	2

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

30/12/2023

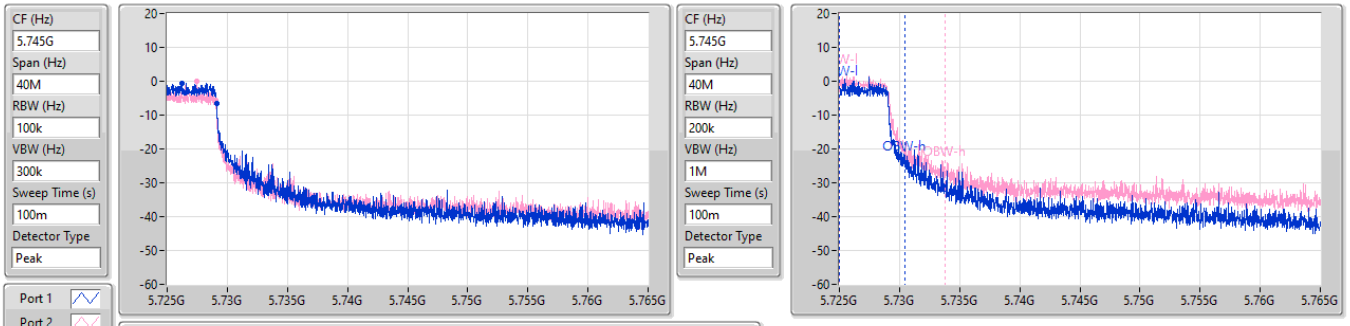


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.7M	5.6443G	5.725G	73.753M	5.65096G	5.724713G	Inf	1
79.575M	5.645425G	5.725G	73.626M	5.650956G	5.724582G	Inf	2

5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

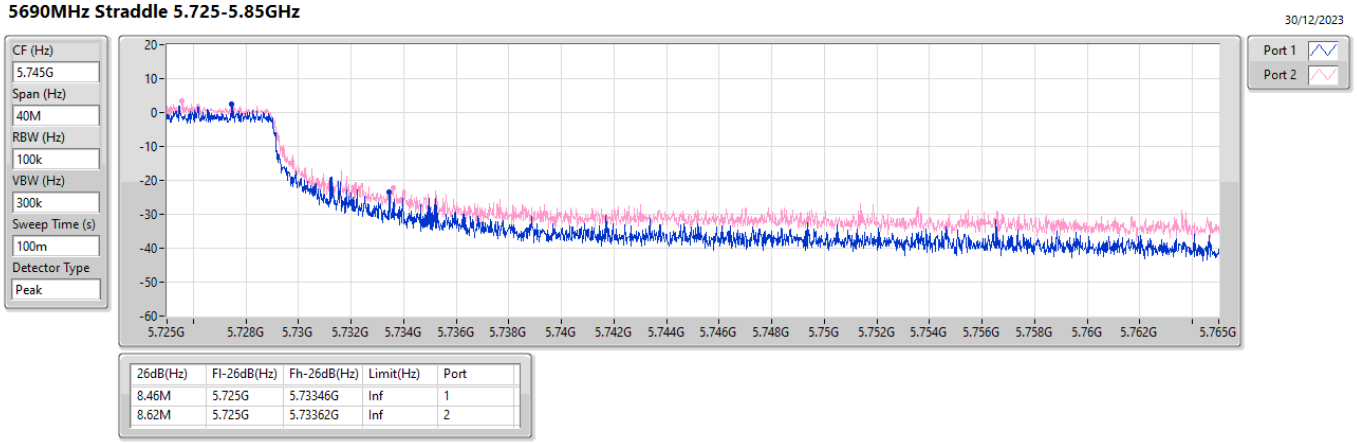
30/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	5.424M	5.725022G	5.730446G	500k	1
4.08M	5.725G	5.72908G	8.786M	5.725024G	5.73381G	500k	2

5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **EBW**

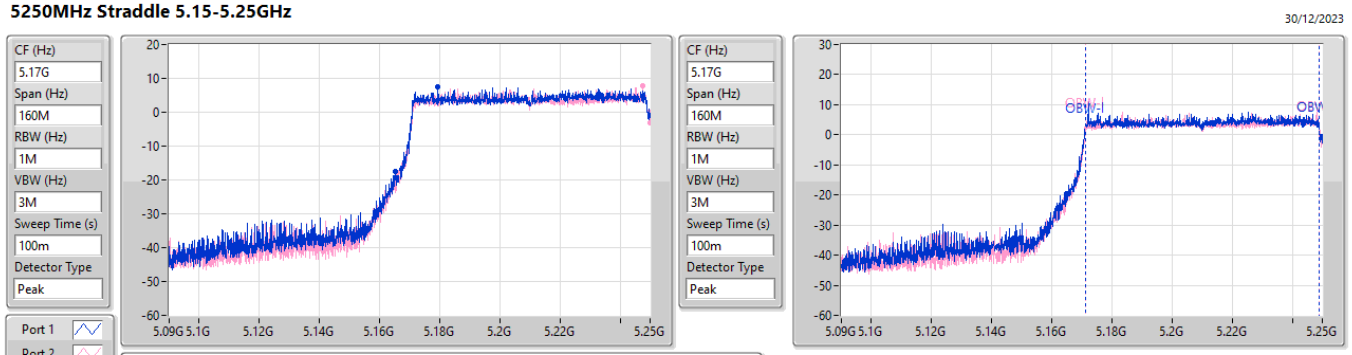
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
8.46M	5.725G	5.73346G	Inf	1
8.62M	5.725G	5.73362G	Inf	2

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.15-5.25GHz

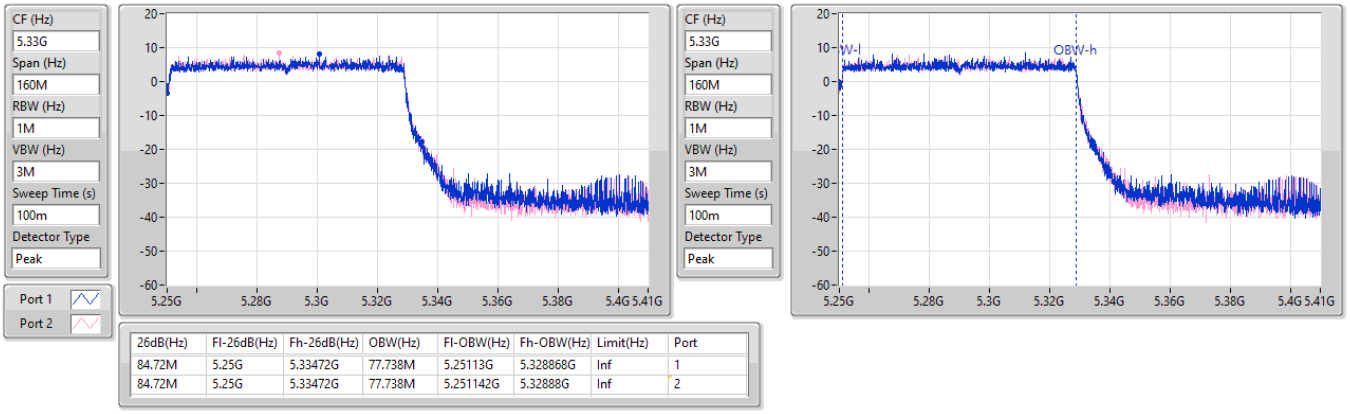


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.8M	5.1652G	5.25G	77.818M	5.171126G	5.248944G	Inf	1
83.92M	5.16608G	5.25G	77.768M	5.171151G	5.248918G	Inf	2

5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.25-5.35GHz

30/12/2023

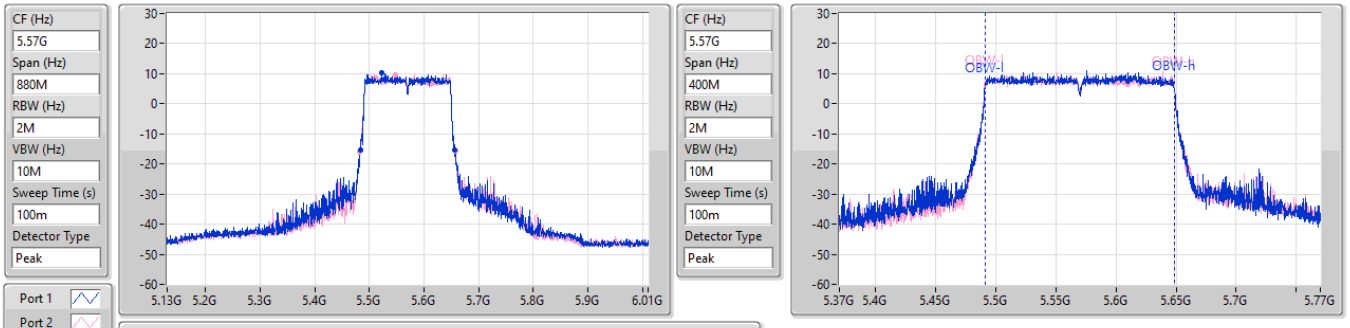


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.72M	5.25G	5.33472G	77.738M	5.25113G	5.328868G	Inf	1
84.72M	5.25G	5.33472G	77.738M	5.251142G	5.32888G	Inf	2

5.47-5.725GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **EBW**

5570MHz

30/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
173.36M	5.48332G	5.65668G	156.919M	5.491409G	5.648328G	Inf	1
174.68M	5.48244G	5.65712G	157.386M	5.491105G	5.648492G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	81.92M	77.588M	77M6D1D	80M	77.497M

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

Result

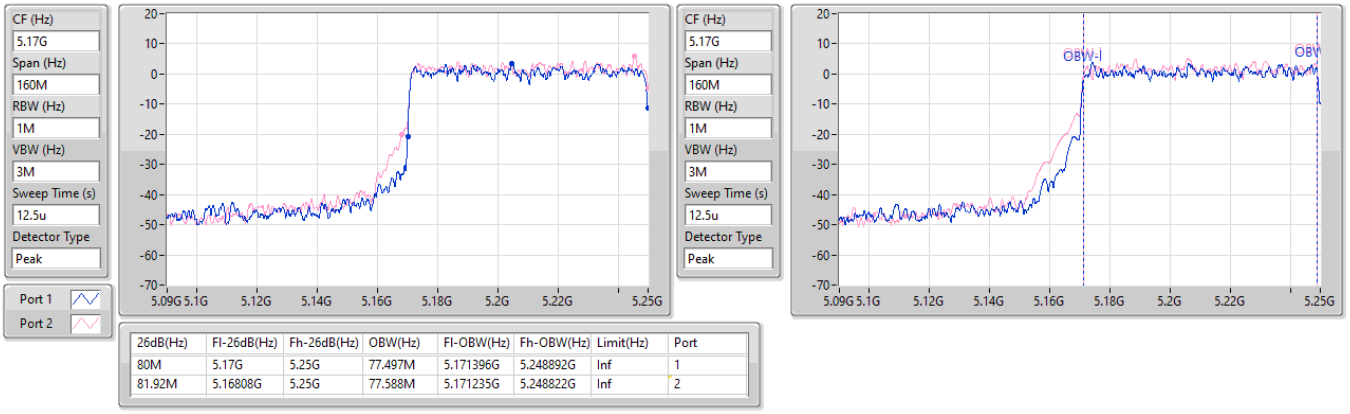
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.497M	81.92M	77.588M

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

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.15-5.25GHz

28/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80M	5.17G	5.25G	77.497M	5.171396G	5.248892G	Inf	1
81.92M	5.16808G	5.25G	77.588M	5.171235G	5.248822G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	84.8M	77.818M	77M8D1D	83.92M	77.768M

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

Result

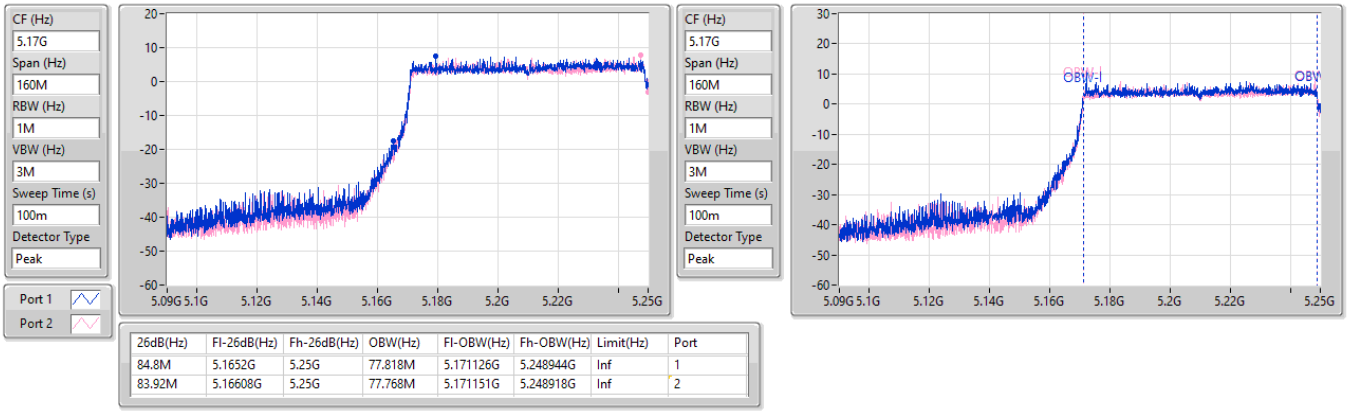
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	84.8M	77.818M	83.92M	77.768M

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

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.15-5.25GHz

30/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.8M	5.1652G	5.25G	77.818M	5.171126G	5.248944G	Inf	1
83.92M	5.16608G	5.25G	77.768M	5.171151G	5.248918G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	17.53	0.05662
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.66	0.23227
802.11be EHT20_Nss1,(MCS0)_2TX	23.92	0.24660
802.11be EHT40_Nss1,(MCS0)_2TX	23.94	0.24774
802.11be EHT80_Nss1,(MCS0)_2TX	22.36	0.17219
802.11be EHT160_Nss1,(MCS0)_2TX	18.20	0.06607
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.00	0.19953
802.11be EHT20_Nss1,(MCS0)_2TX	23.59	0.22856
802.11be EHT40_Nss1,(MCS0)_2TX	23.78	0.23878
802.11be EHT80_Nss1,(MCS0)_2TX	23.78	0.23878
802.11be EHT160_Nss1,(MCS0)_2TX	20.52	0.11272
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	16.03	0.04009
802.11be EHT20_Nss1,(MCS0)_2TX	17.51	0.05636
802.11be EHT40_Nss1,(MCS0)_2TX	14.72	0.02965
802.11be EHT80_Nss1,(MCS0)_2TX	10.93	0.01239

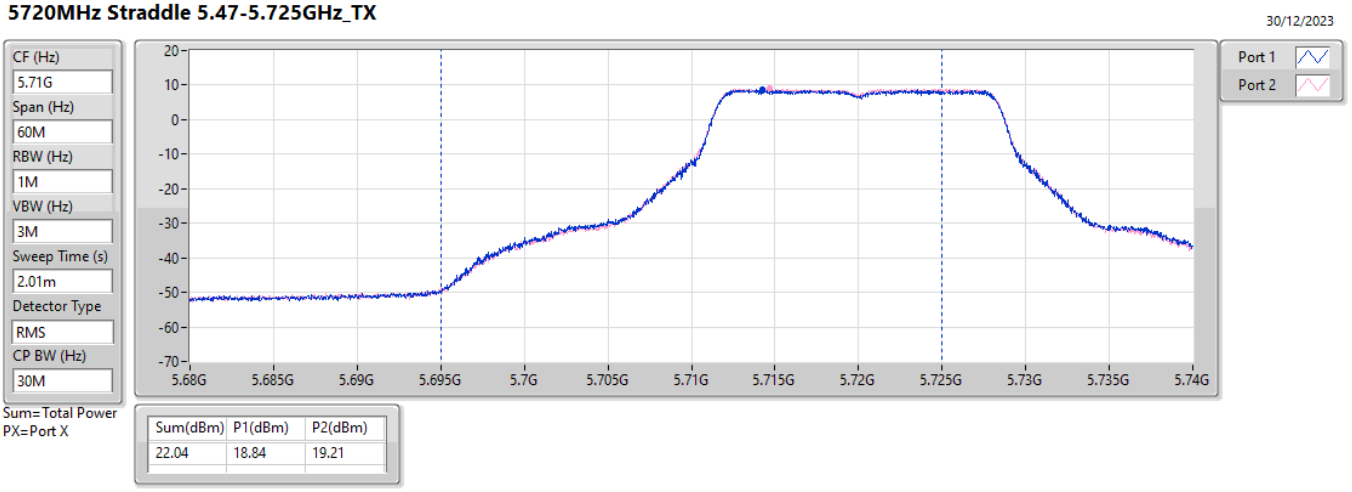
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.70	20.39	20.86	23.64	23.98
5300MHz	Pass	3.70	20.48	20.53	23.52	23.98
5320MHz	Pass	3.70	20.61	20.68	23.66	23.98
5500MHz	Pass	5.19	19.60	20.02	22.83	23.98
5580MHz	Pass	5.19	19.75	20.21	23.00	23.98
5700MHz	Pass	5.19	19.52	19.91	22.73	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.19	18.84	19.21	22.04	23.03
5720MHz Straddle 5.725-5.85GHz	Pass	4.82	12.83	13.20	16.03	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.70	20.82	20.99	23.92	23.98
5300MHz	Pass	3.70	20.51	20.59	23.56	23.98
5320MHz	Pass	3.70	20.71	20.89	23.81	23.98
5500MHz	Pass	5.19	20.44	20.71	23.59	23.98
5580MHz	Pass	5.19	20.31	20.75	23.55	23.98
5700MHz	Pass	5.19	18.50	19.08	21.81	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.19	19.16	19.68	22.44	23.10
5720MHz Straddle 5.725-5.85GHz	Pass	4.82	14.32	14.67	17.51	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.70	20.87	20.99	23.94	23.98
5310MHz	Pass	3.70	20.00	20.15	23.09	23.98
5510MHz	Pass	5.19	17.48	18.18	20.85	23.98
5550MHz	Pass	5.19	20.40	20.82	23.63	23.98
5670MHz	Pass	5.19	19.77	20.51	23.17	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.19	20.49	21.04	23.78	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.82	11.47	11.94	14.72	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.70	19.15	19.54	22.36	23.98
5530MHz	Pass	5.19	17.91	18.19	21.06	23.98
5610MHz	Pass	5.19	20.56	20.82	23.70	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.19	20.54	20.99	23.78	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.82	7.65	8.18	10.93	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.50	14.08	14.91	17.53	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	14.95	15.41	18.20	23.98
5570MHz	Pass	5.19	17.28	17.73	20.52	23.98

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

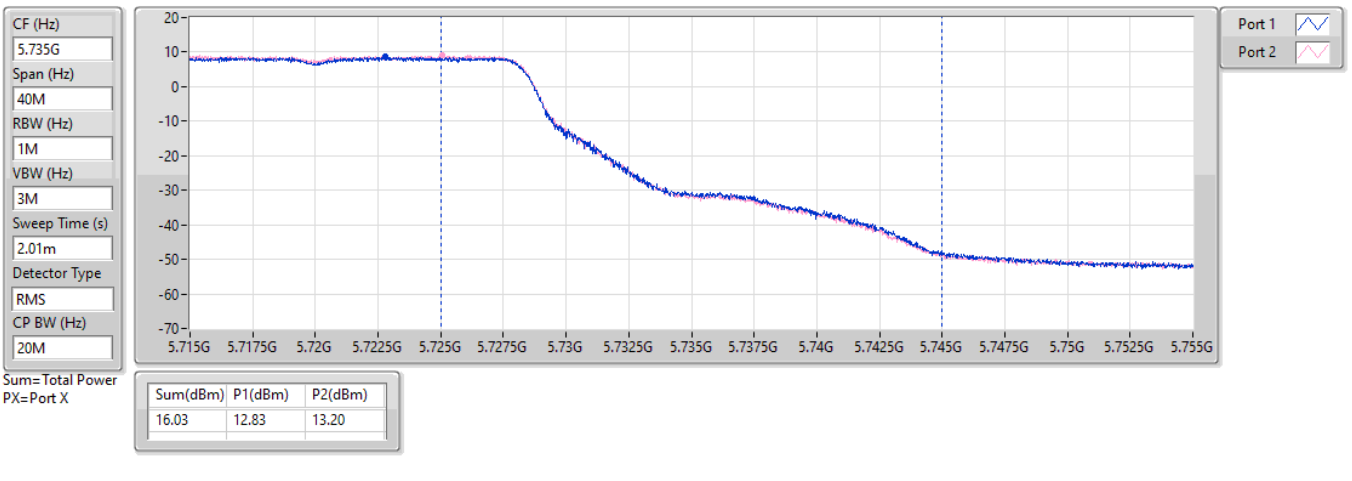
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.04	18.84	19.21

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

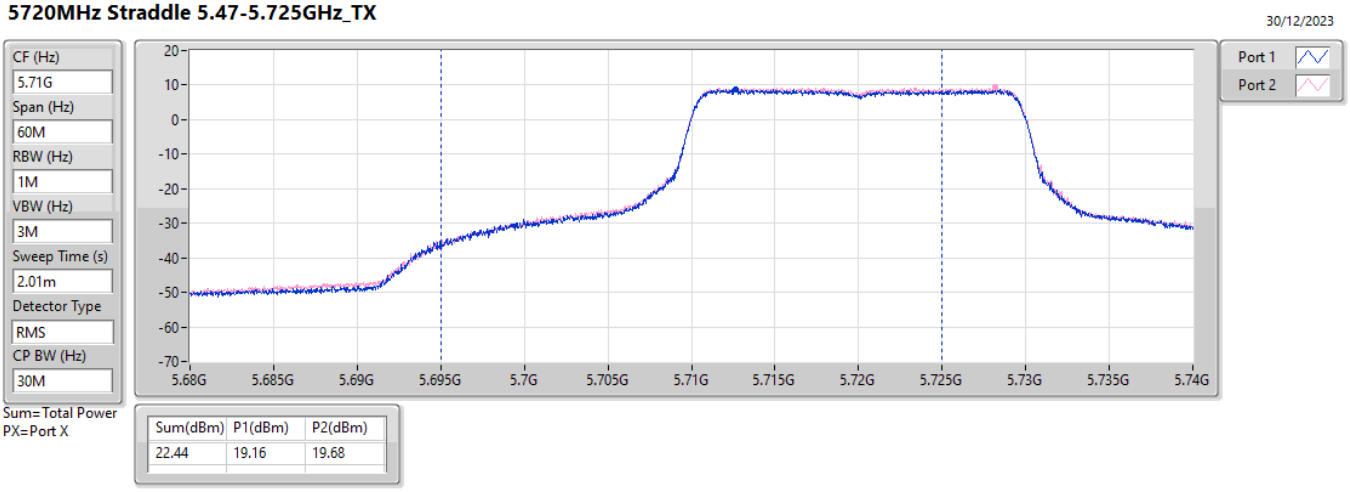
5720MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
16.03	12.83	13.20

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **AV Power**

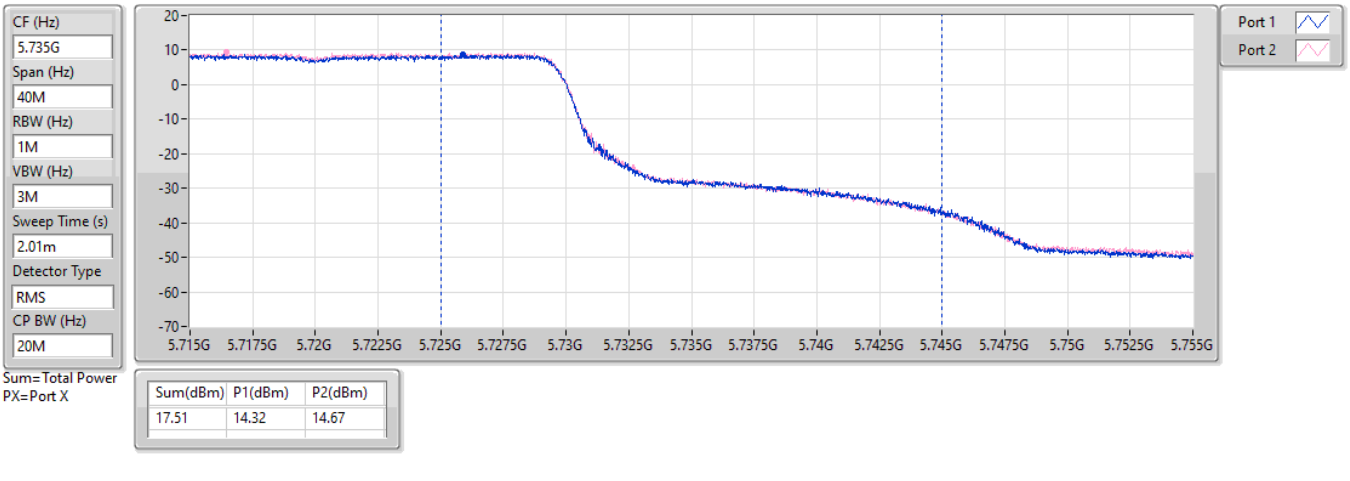
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.44	19.16	19.68

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

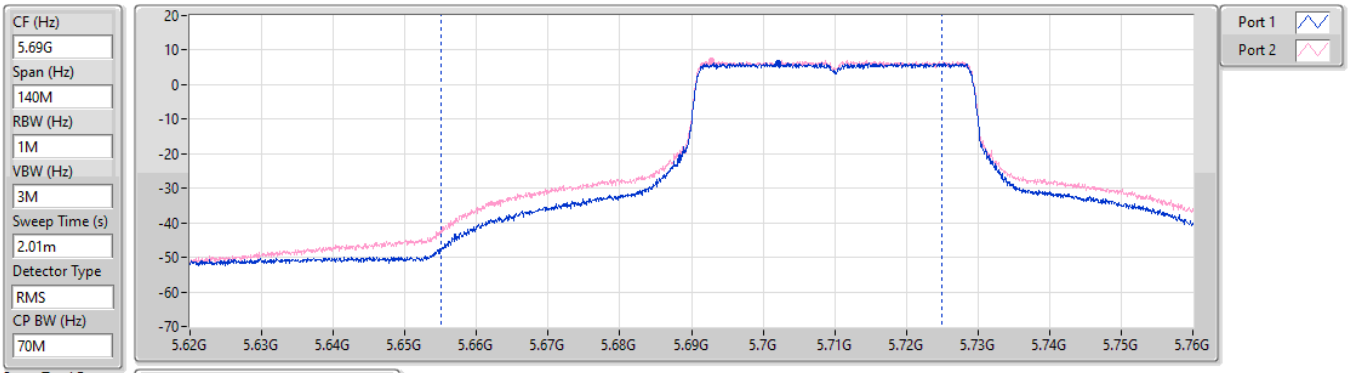


Sum(dBm)	P1(dBm)	P2(dBm)
17.51	14.32	14.67

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

28/12/2023



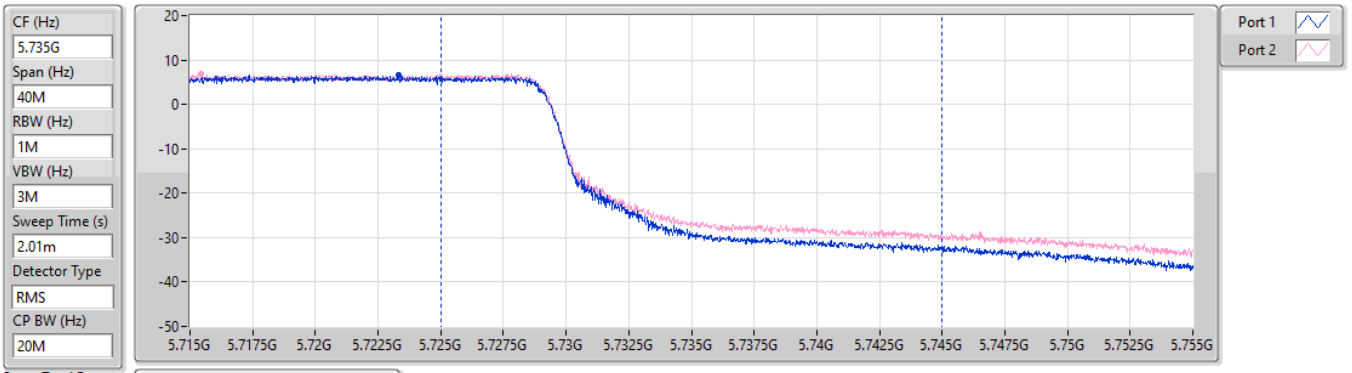
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.78	20.49	21.04

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

28/12/2023



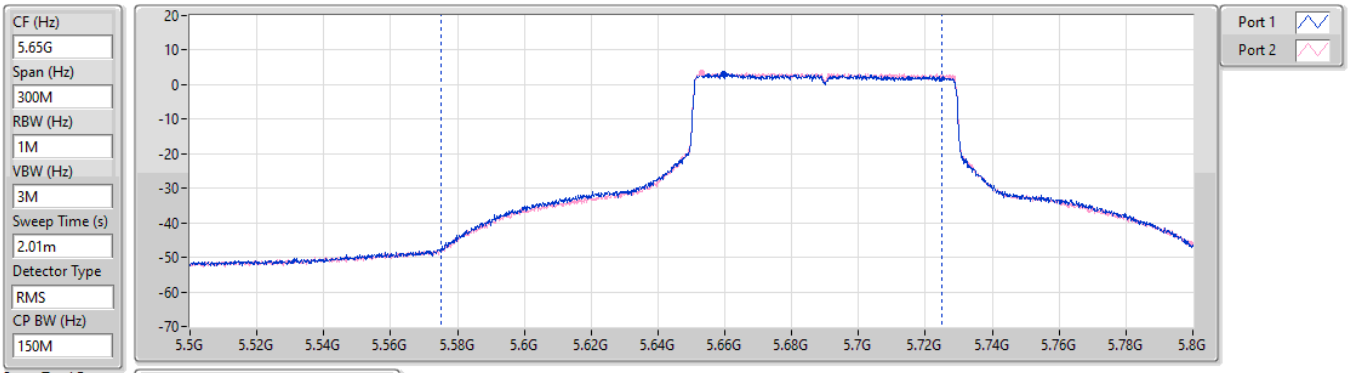
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
14.72	11.47	11.94

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

28/12/2023

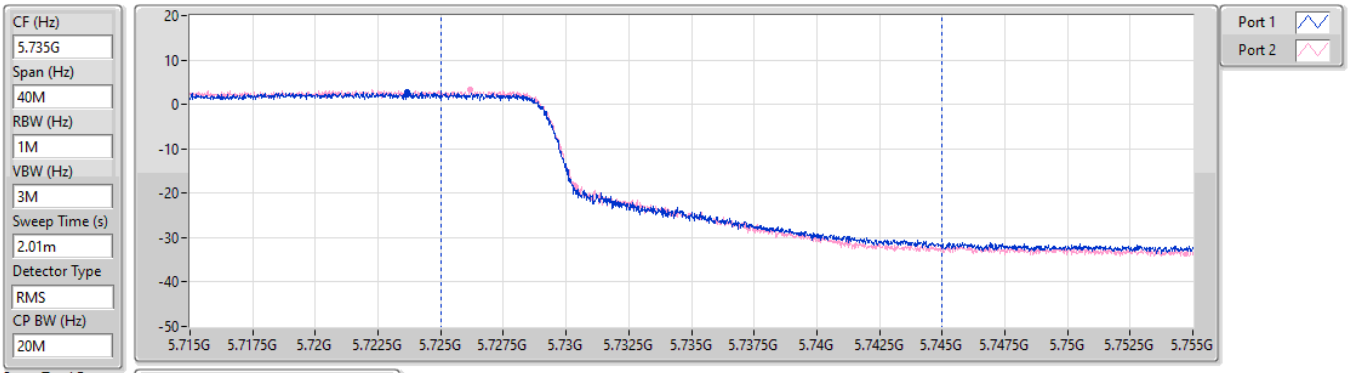


Sum(dBm)	P1(dBm)	P2(dBm)
23.78	20.54	20.99

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

28/12/2023

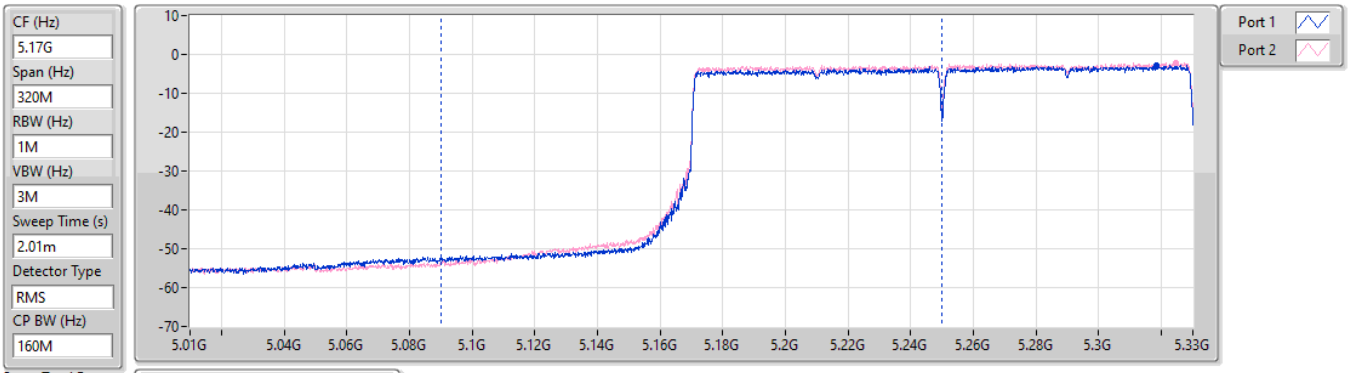


Sum(dBm)	P1(dBm)	P2(dBm)
10.93	7.65	8.18

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TX

28/12/2023

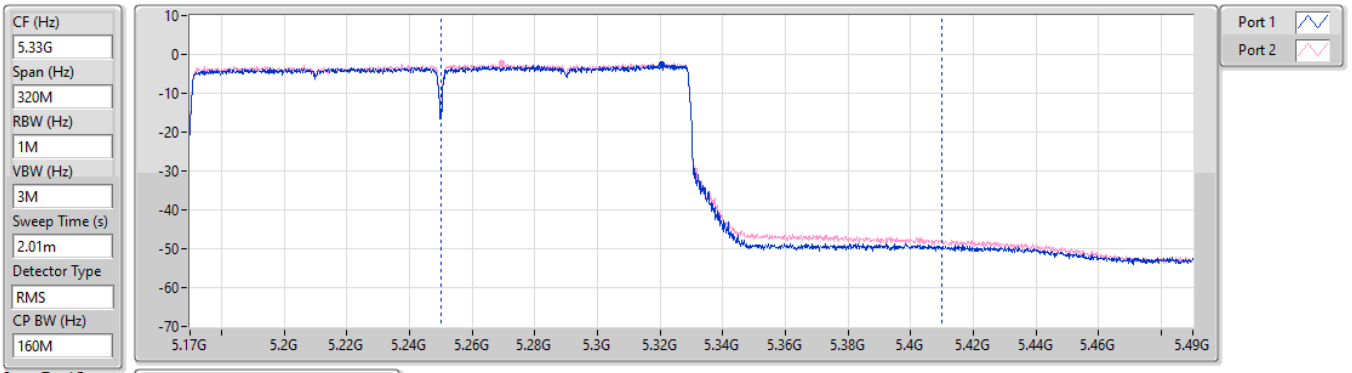


Sum(dBm)	P1(dBm)	P2(dBm)
17.53	14.08	14.91

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TX

28/12/2023



Sum(dBm)	P1(dBm)	P2(dBm)
18.20	14.95	15.41

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	16.60	0.04571
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.21	0.20941
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.33	0.21528
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.19	0.13152
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.16	0.05200
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.01	0.19999
802.11be EHT40-BF_Nss1,(MCS0)_2TX	22.92	0.19588
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.94	0.19679
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.03	0.10069
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.84	0.04831
802.11be EHT40-BF_Nss1,(MCS0)_2TX	13.13	0.02056
802.11be EHT80-BF_Nss1,(MCS0)_2TX	9.16	0.00824

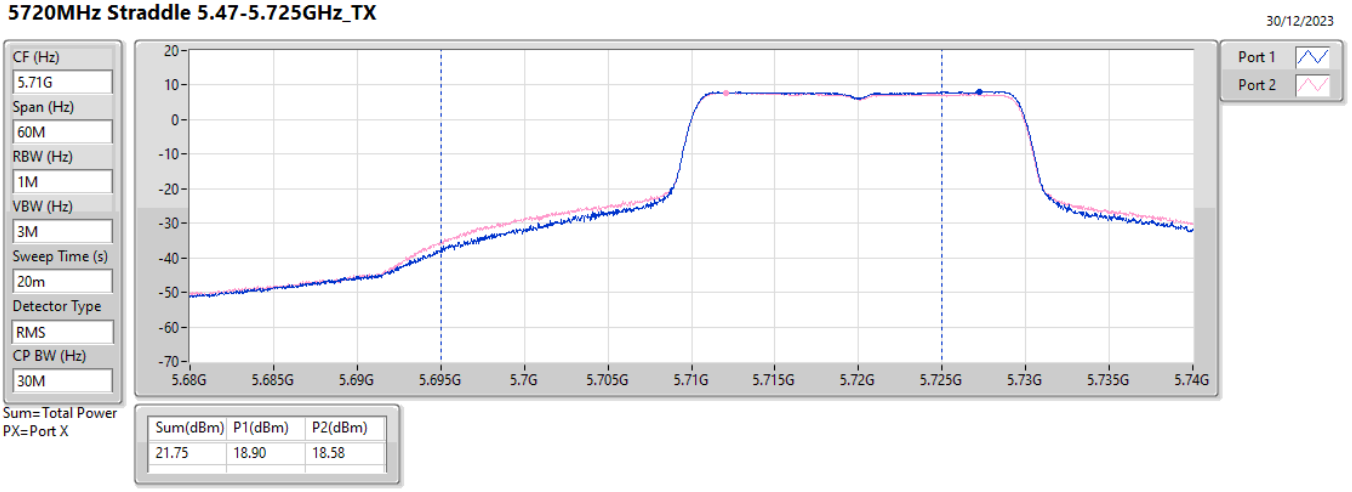
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	20.12	20.15	23.15	23.98
5300MHz	Pass	5.36	20.21	20.09	23.16	23.98
5320MHz	Pass	5.36	20.29	20.11	23.21	23.98
5500MHz	Pass	6.89	19.08	18.95	22.03	23.09
5580MHz	Pass	6.89	19.91	20.08	23.01	23.09
5700MHz	Pass	6.89	13.56	13.25	16.42	23.09
5720MHz Straddle 5.47-5.725GHz	Pass	6.89	18.90	18.58	21.75	22.59
5720MHz Straddle 5.725-5.85GHz	Pass	6.20	14.16	13.48	16.84	29.80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	20.29	20.34	23.33	23.98
5310MHz	Pass	5.36	16.57	16.52	19.56	23.98
5510MHz	Pass	6.89	13.74	13.60	16.68	23.09
5550MHz	Pass	6.89	20.11	19.70	22.92	23.09
5670MHz	Pass	6.89	17.98	17.82	20.91	23.09
5710MHz Straddle 5.47-5.725GHz	Pass	6.89	19.55	19.33	22.45	23.09
5710MHz Straddle 5.725-5.85GHz	Pass	6.20	10.86	9.22	13.13	29.80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	18.28	18.07	21.19	23.98
5530MHz	Pass	6.89	16.86	17.01	19.95	23.09
5610MHz	Pass	6.89	19.86	20.00	22.94	23.09
5690MHz Straddle 5.47-5.725GHz	Pass	6.89	19.13	19.06	22.11	23.09
5690MHz Straddle 5.725-5.85GHz	Pass	6.20	7.17	4.80	9.16	29.80
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.34	13.76	13.42	16.60	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	14.15	14.15	17.16	23.98
5570MHz	Pass	6.89	17.24	16.77	20.03	23.09

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

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **AV Power**

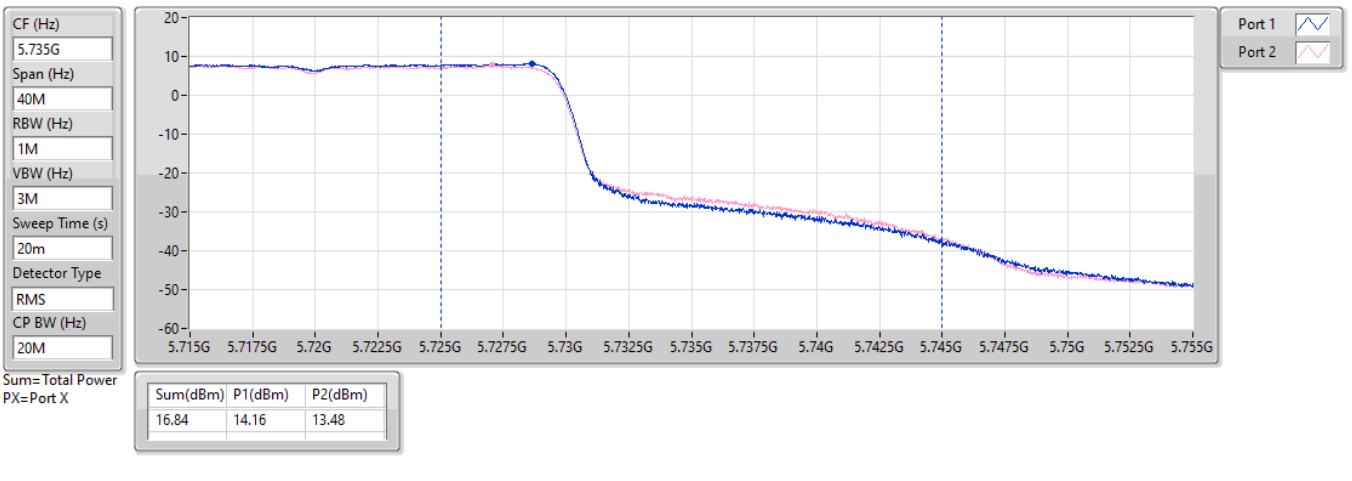
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
21.75	18.90	18.58

5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

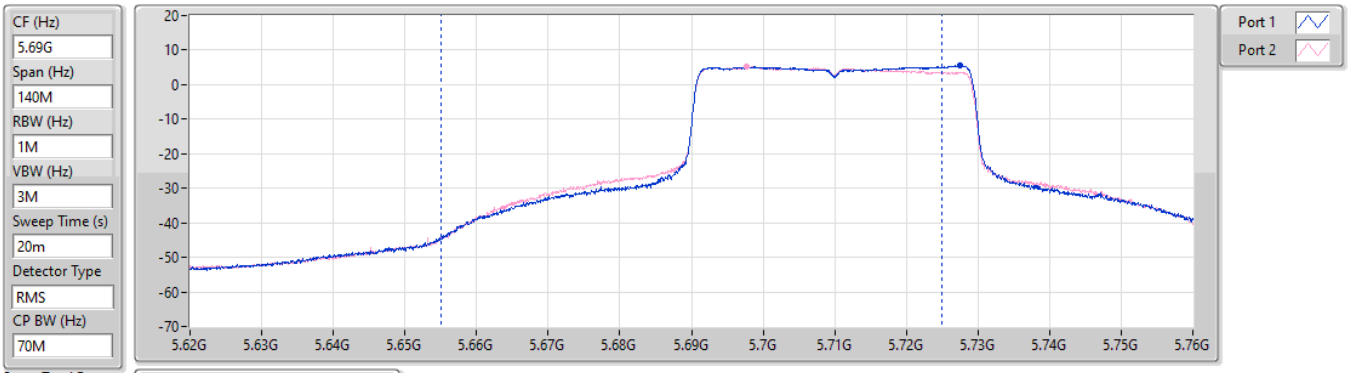


Sum(dBm)	P1(dBm)	P2(dBm)
16.84	14.16	13.48

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

30/12/2023

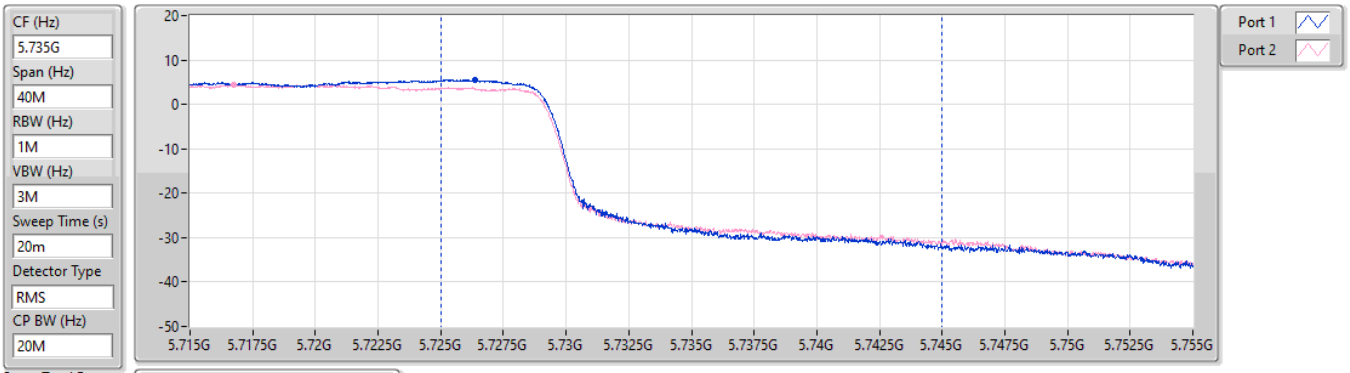


Sum(dBm)	P1(dBm)	P2(dBm)
22.45	19.55	19.33

5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

30/12/2023

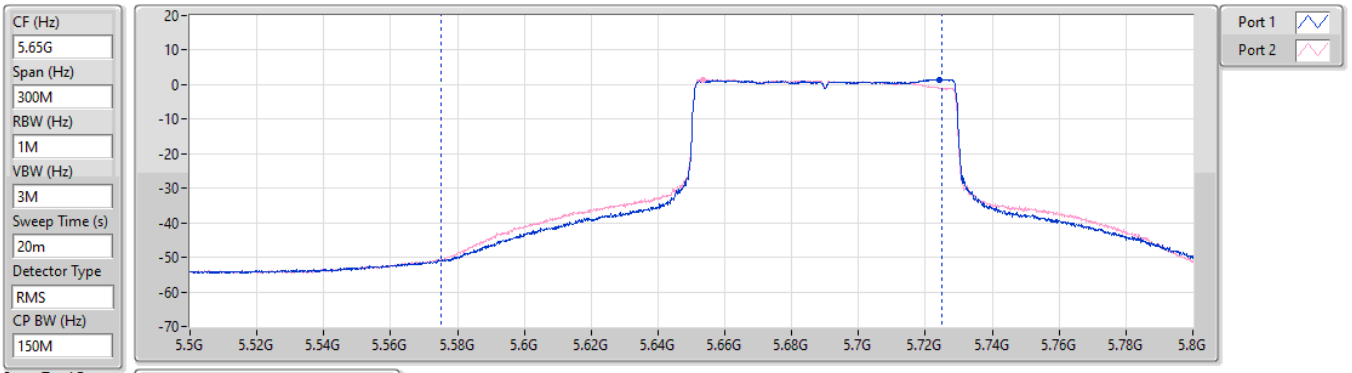


Sum(dBm)	P1(dBm)	P2(dBm)
13.13	10.86	9.22

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

30/12/2023

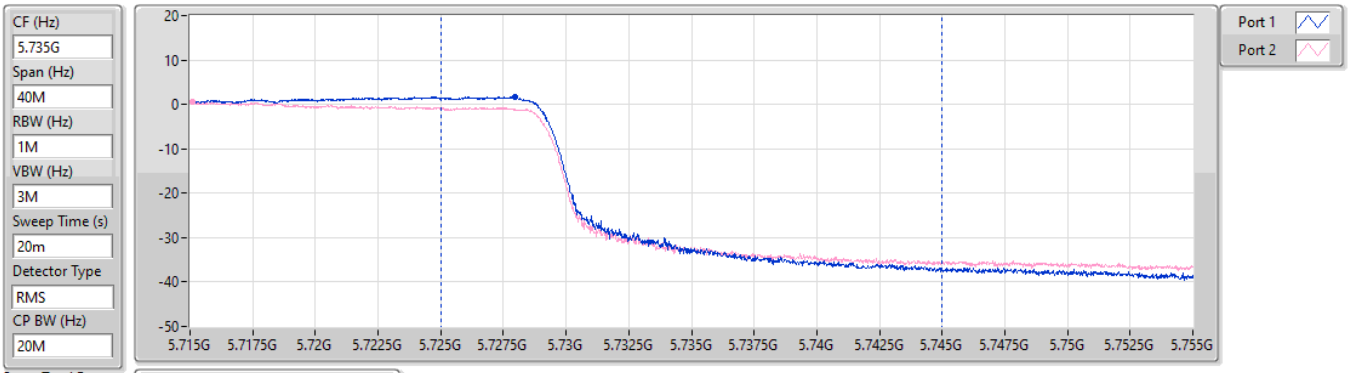


Sum(dBm)	P1(dBm)	P2(dBm)
22.11	19.13	19.06

5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

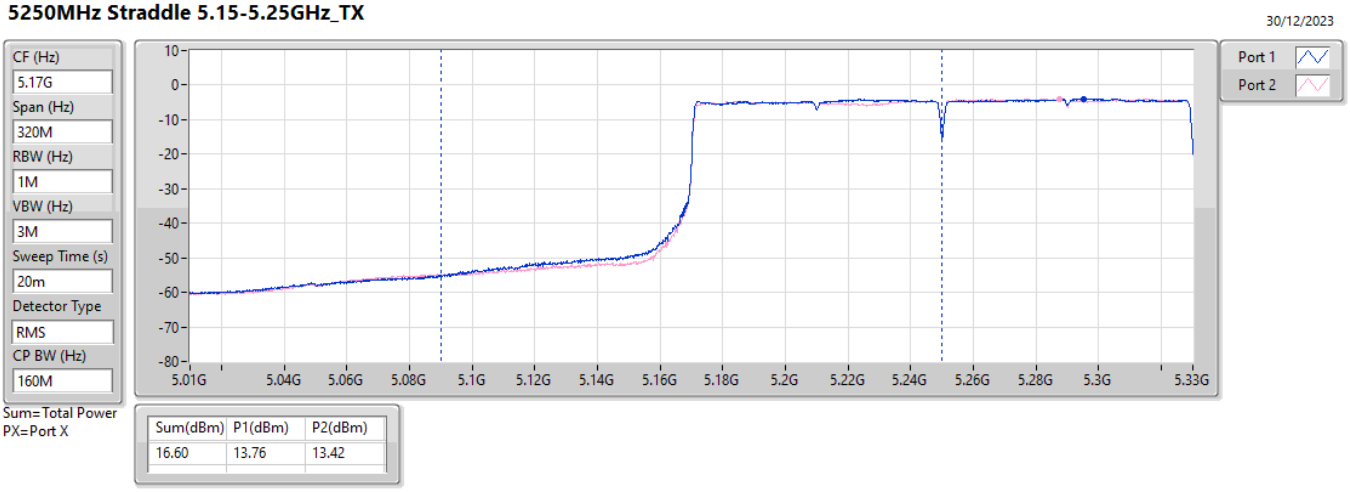
30/12/2023



Sum(dBm)	P1(dBm)	P2(dBm)
9.16	7.17	4.80

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **AV Power**

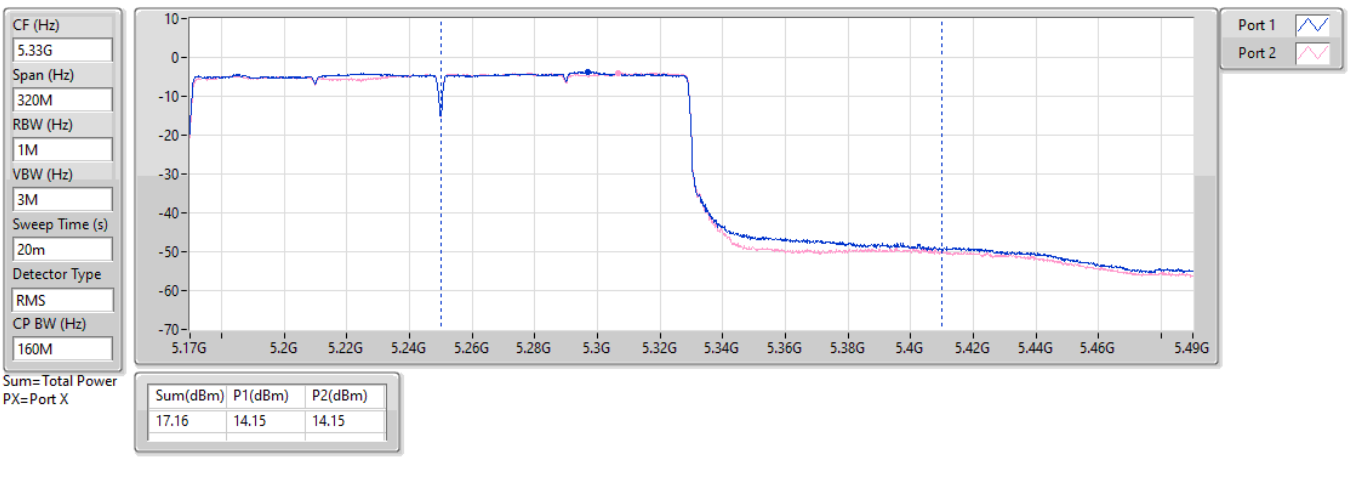
5250MHz Straddle 5.15-5.25GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
16.60	13.76	13.42

5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
17.16	14.15	14.15

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	17.53	0.05662

Result

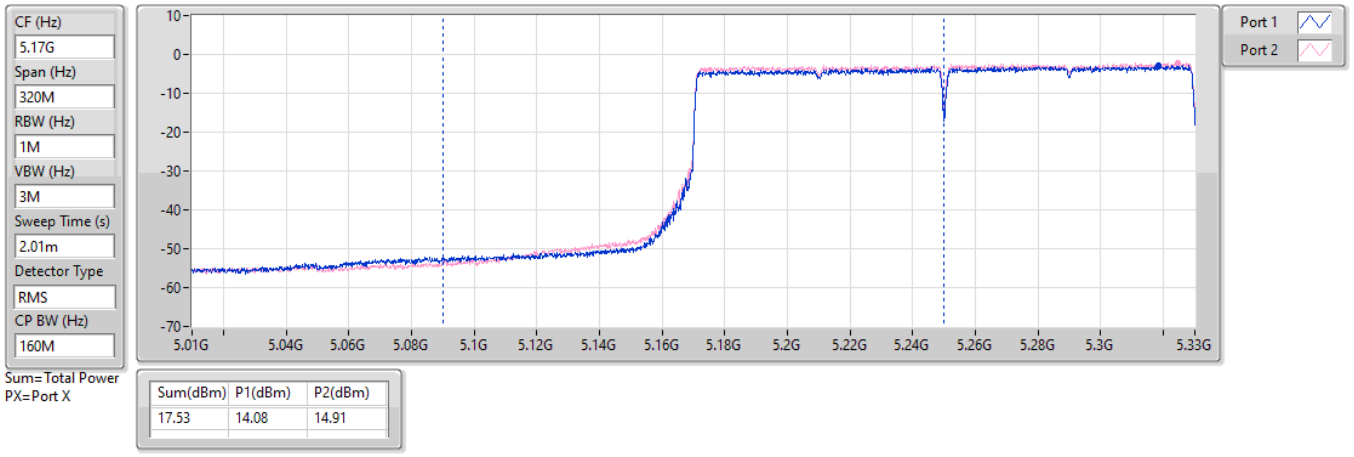
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.50	14.08	14.91	17.53	23.98

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

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TX

28/12/2023



Sum(dBm)	P1(dBm)	P2(dBm)
17.53	14.08	14.91

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	16.60	0.04571

Result

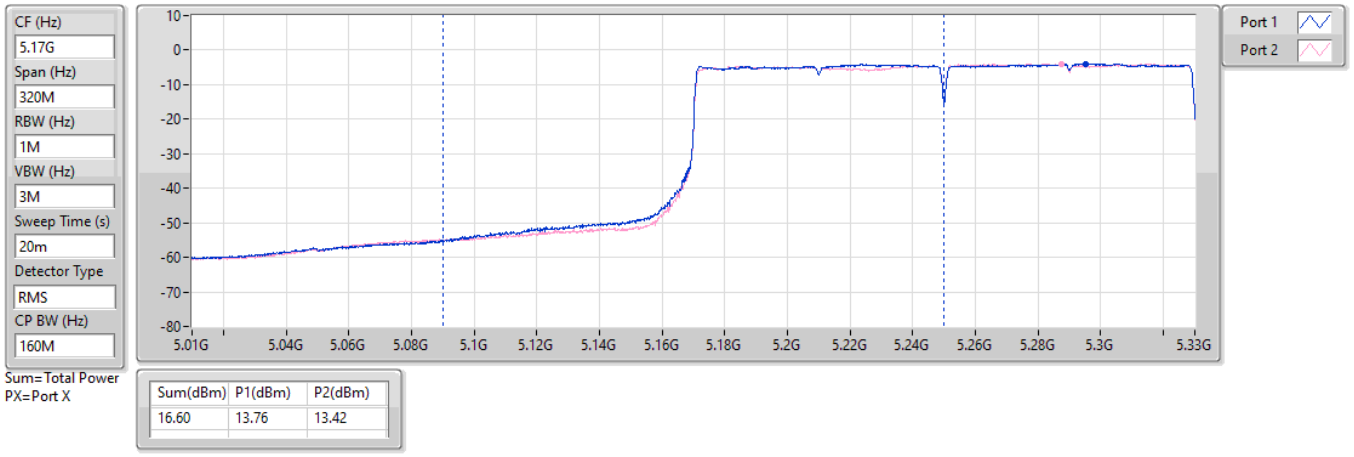
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.34	13.76	13.42	16.60	23.98

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

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TX

30/12/2023



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
16.60	13.76	13.42

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX	-2.25
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.71
802.11be EHT20_Nss1,(MCS0)_2TX	10.33
802.11be EHT40_Nss1,(MCS0)_2TX	7.33
802.11be EHT80_Nss1,(MCS0)_2TX	2.87
802.11be EHT160_Nss1,(MCS0)_2TX	-1.48
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.93
802.11be EHT20_Nss1,(MCS0)_2TX	10.06
802.11be EHT40_Nss1,(MCS0)_2TX	7.53
802.11be EHT80_Nss1,(MCS0)_2TX	4.24
802.11be EHT160_Nss1,(MCS0)_2TX	-2.07
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.22
802.11be EHT20_Nss1,(MCS0)_2TX	8.38
802.11be EHT40_Nss1,(MCS0)_2TX	6.04
802.11be EHT80_Nss1,(MCS0)_2TX	2.31

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

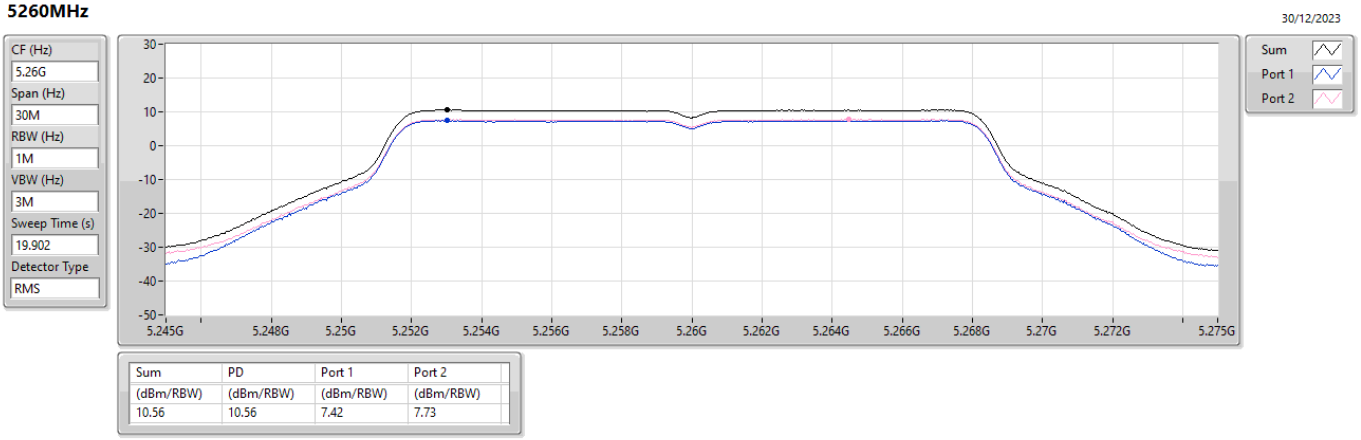
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	7.42	7.73	10.56	11.00
5300MHz	Pass	5.36	7.59	7.81	10.70	11.00
5320MHz	Pass	5.36	7.79	7.82	10.71	11.00
5500MHz	Pass	6.89	6.66	7.03	9.82	10.11
5580MHz	Pass	6.89	6.77	7.10	9.93	10.11
5700MHz	Pass	6.89	6.68	6.74	9.66	10.11
5720MHz Straddle 5.47-5.725GHz	Pass	6.89	6.78	7.04	9.92	10.11
5720MHz Straddle 5.725-5.85GHz	Pass	6.20	5.07	5.47	8.22	29.80
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	7.28	7.38	10.33	11.00
5300MHz	Pass	5.36	6.88	6.97	9.90	11.00
5320MHz	Pass	5.36	7.31	7.30	10.26	11.00
5500MHz	Pass	6.89	6.96	7.12	10.02	10.11
5580MHz	Pass	6.89	6.86	7.16	10.00	10.11
5700MHz	Pass	6.89	4.94	5.47	8.21	10.11
5720MHz Straddle 5.47-5.725GHz	Pass	6.89	6.93	7.17	10.06	10.11
5720MHz Straddle 5.725-5.85GHz	Pass	6.20	5.31	5.58	8.38	29.80
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	4.20	4.49	7.33	11.00
5310MHz	Pass	5.36	3.31	3.57	6.39	11.00
5510MHz	Pass	6.89	0.65	1.42	4.03	10.11
5550MHz	Pass	6.89	3.68	4.10	6.89	10.11
5670MHz	Pass	6.89	3.10	3.90	6.49	10.11
5710MHz Straddle 5.47-5.725GHz	Pass	6.89	4.23	4.95	7.53	10.11
5710MHz Straddle 5.725-5.85GHz	Pass	6.20	2.81	3.29	6.04	29.80
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	-0.29	0.09	2.87	11.00
5530MHz	Pass	6.89	-1.75	-1.49	1.31	10.11
5610MHz	Pass	6.89	1.05	1.21	4.09	10.11
5690MHz Straddle 5.47-5.725GHz	Pass	6.89	1.17	1.43	4.24	10.11
5690MHz Straddle 5.725-5.85GHz	Pass	6.20	-0.86	-0.42	2.31	29.80
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.34	-5.61	-4.73	-2.25	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-4.70	-4.08	-1.48	11.00
5570MHz	Pass	6.89	-5.10	-4.79	-2.07	10.11

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

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

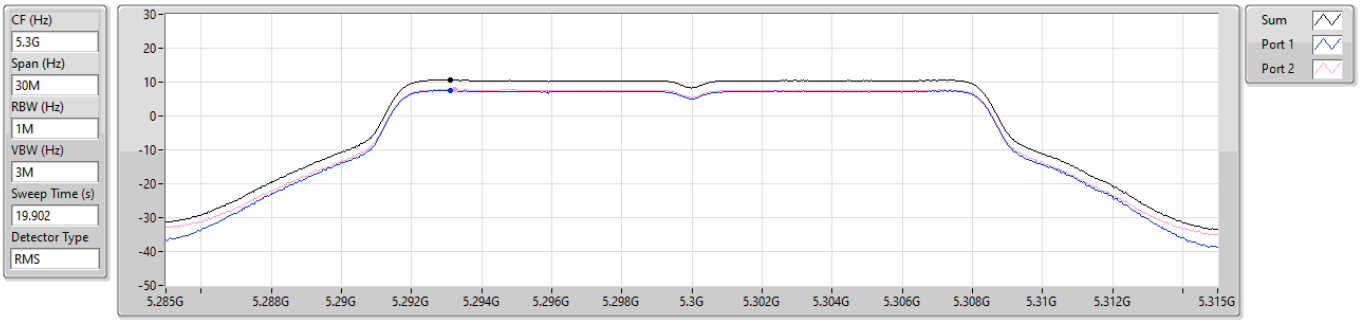
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	7.42	7.73

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

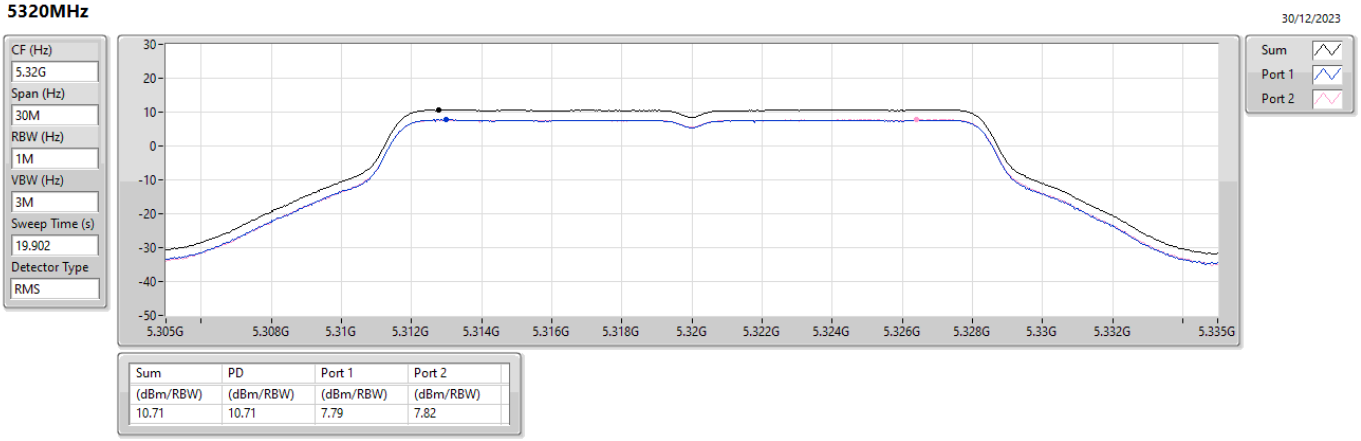
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	7.59	7.81

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

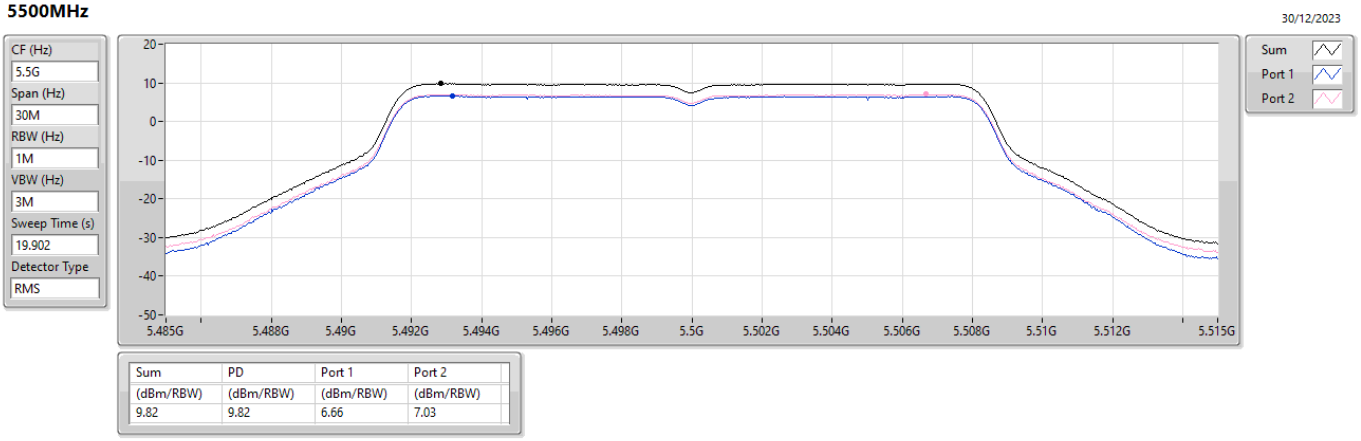
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	7.79	7.82

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

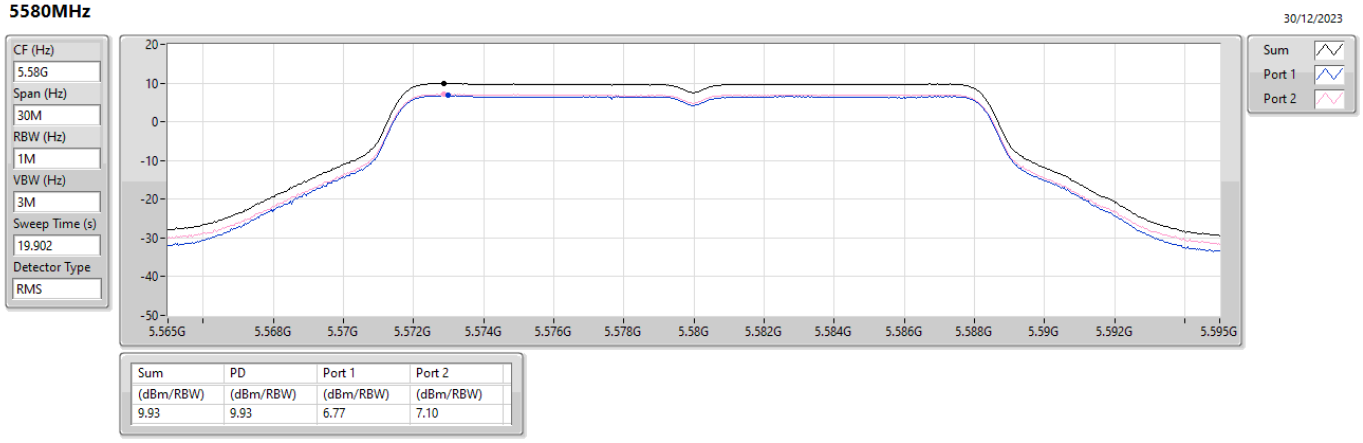
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	6.66	7.03

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

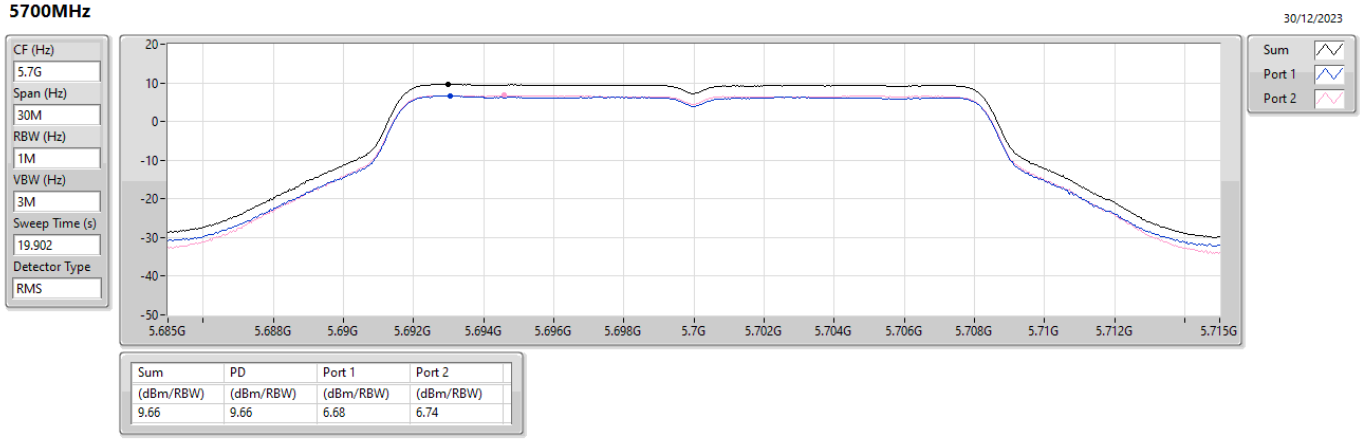
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.93	9.93	6.77	7.10

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

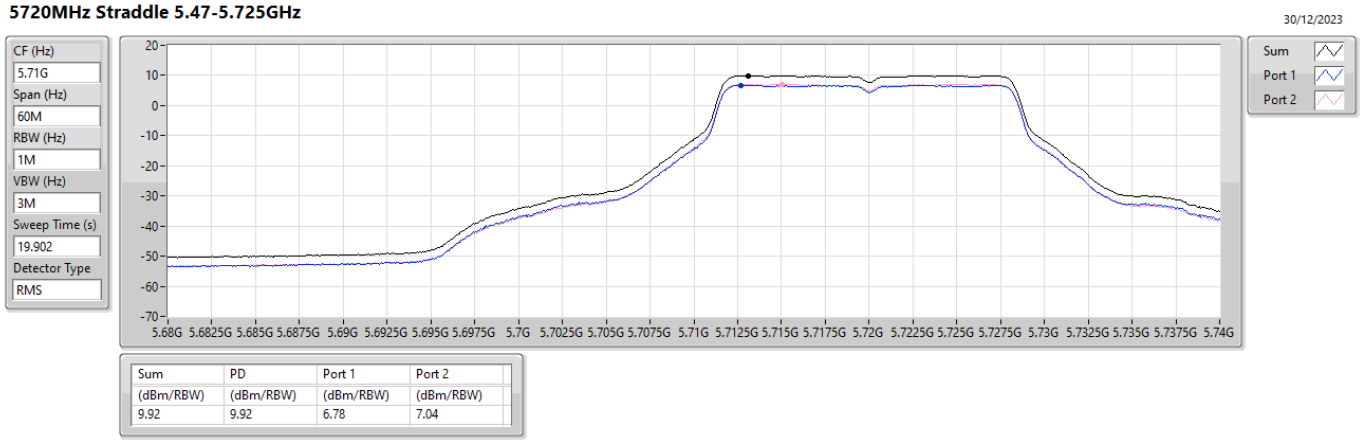
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.66	9.66	6.68	6.74

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

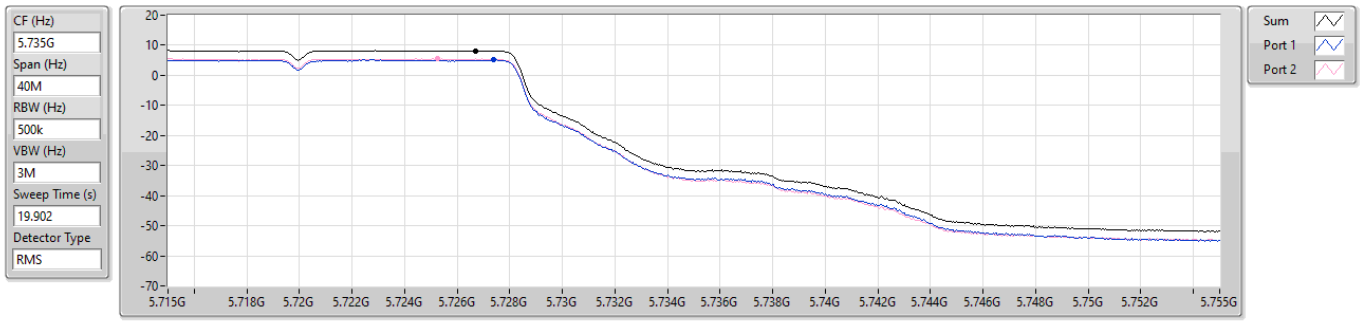
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	6.78	7.04

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

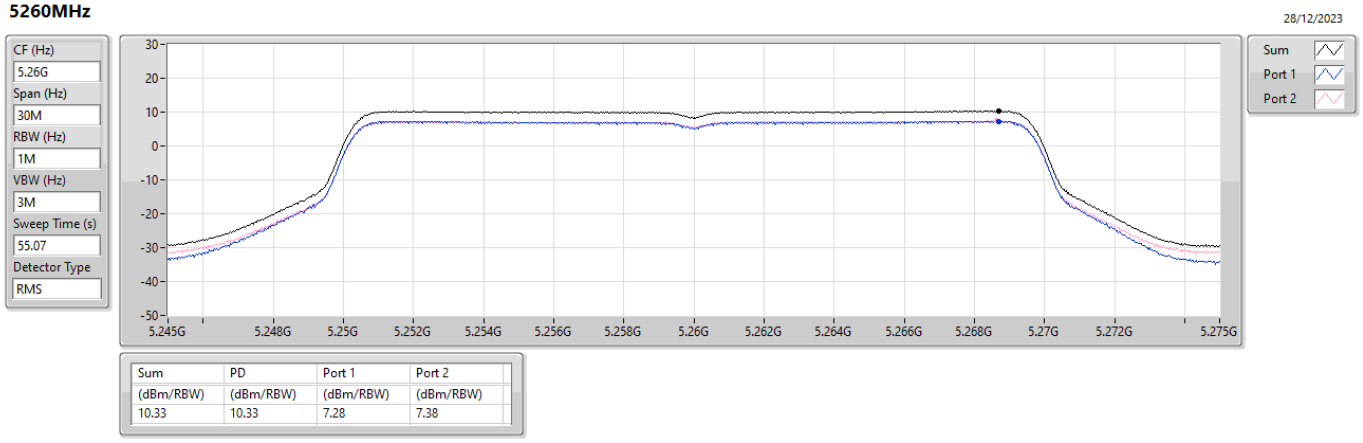
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.07	5.47

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

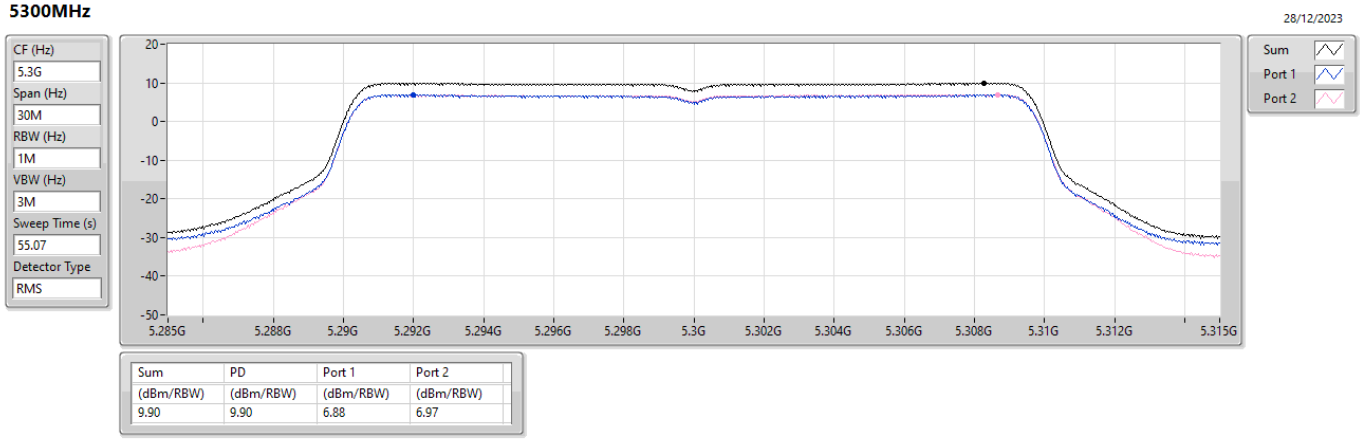
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	7.28	7.38

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

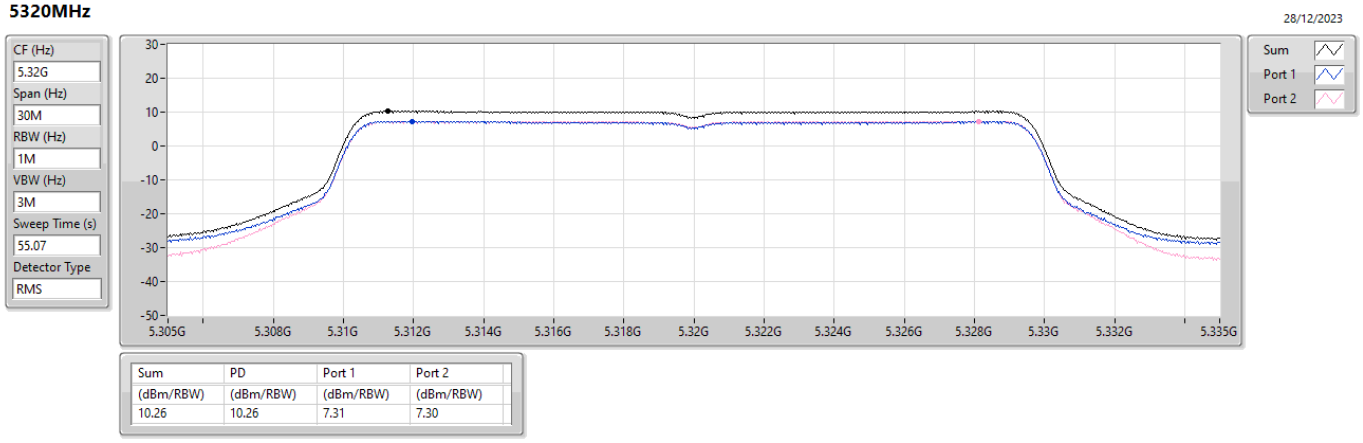
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.88	6.97

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

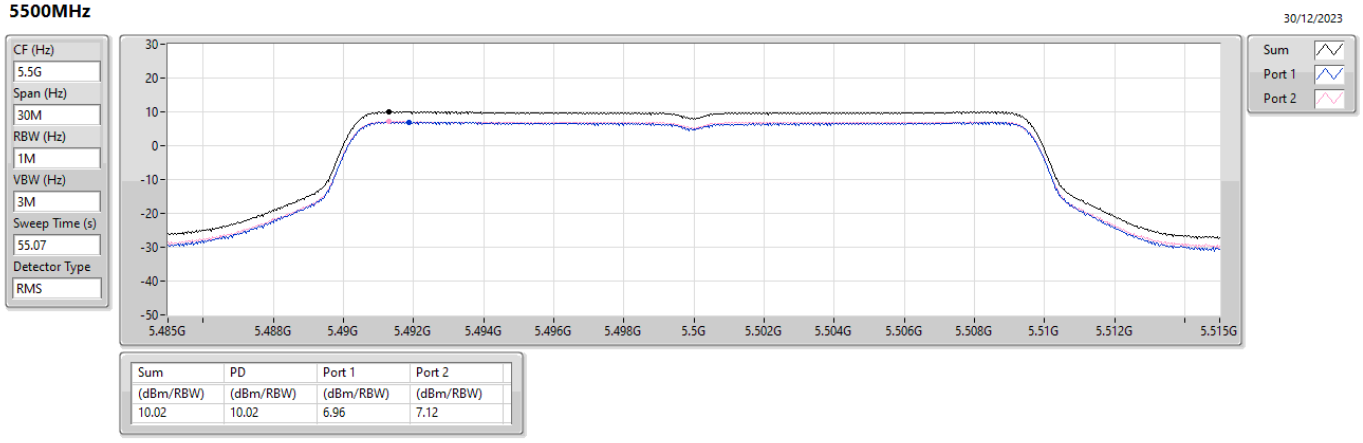
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	7.31	7.30

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

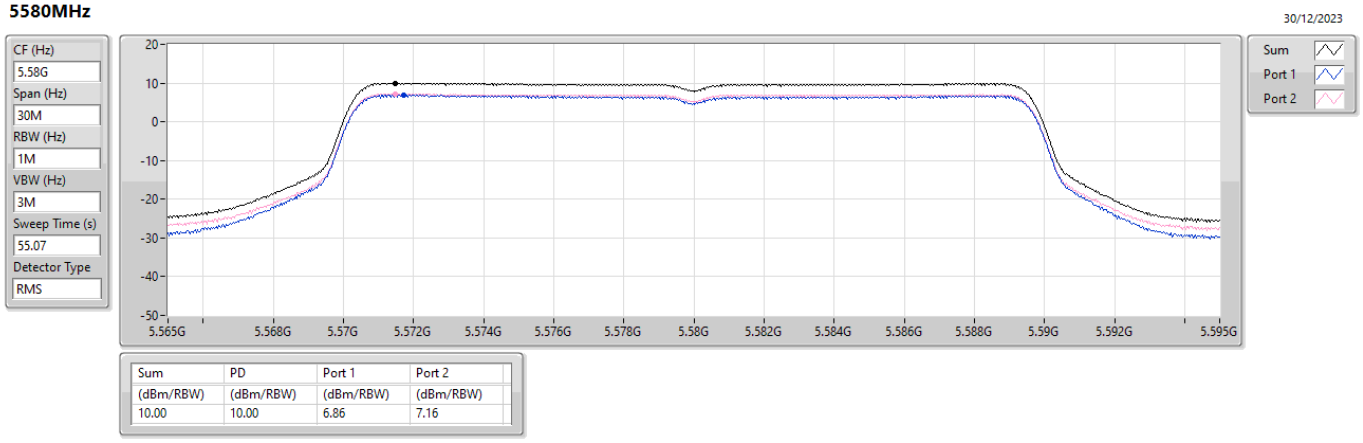
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	6.96	7.12

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

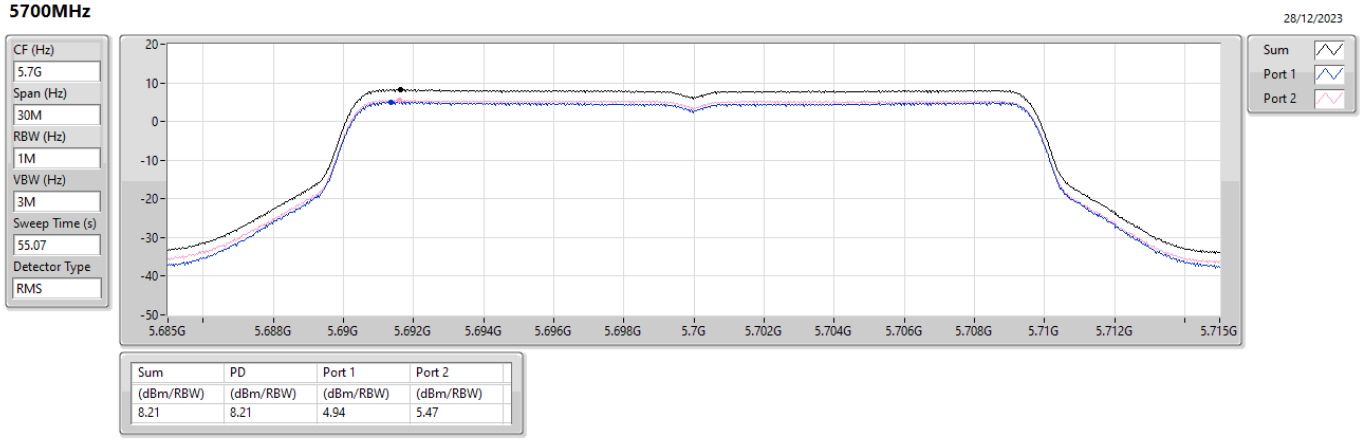
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	6.86	7.16

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

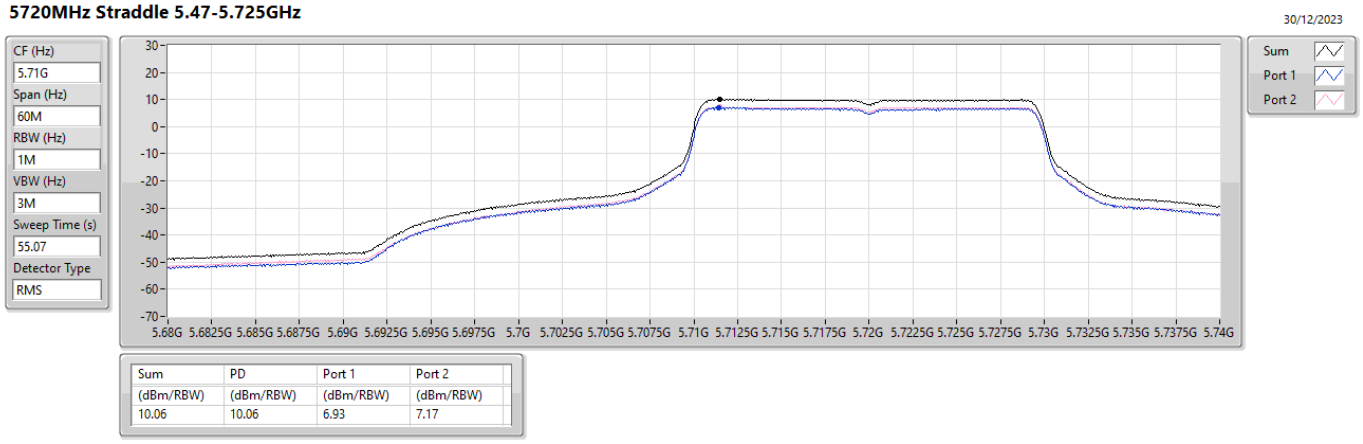
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	4.94	5.47

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

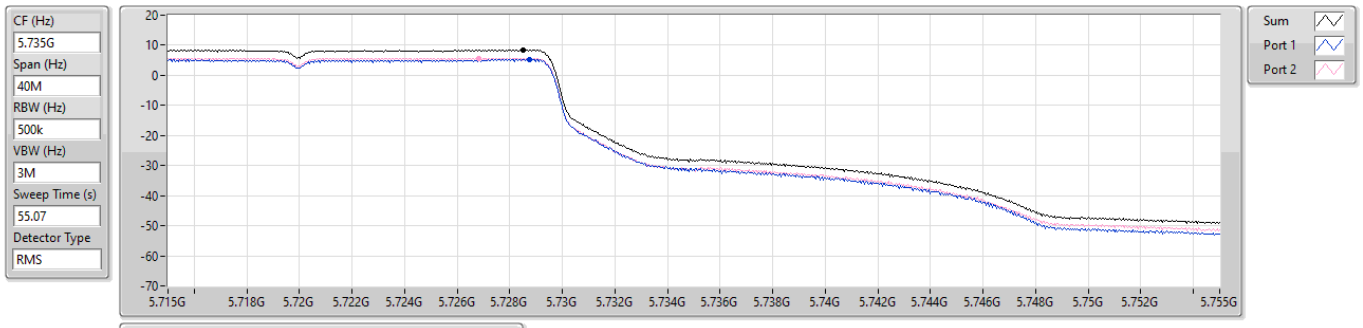
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	6.93	7.17

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

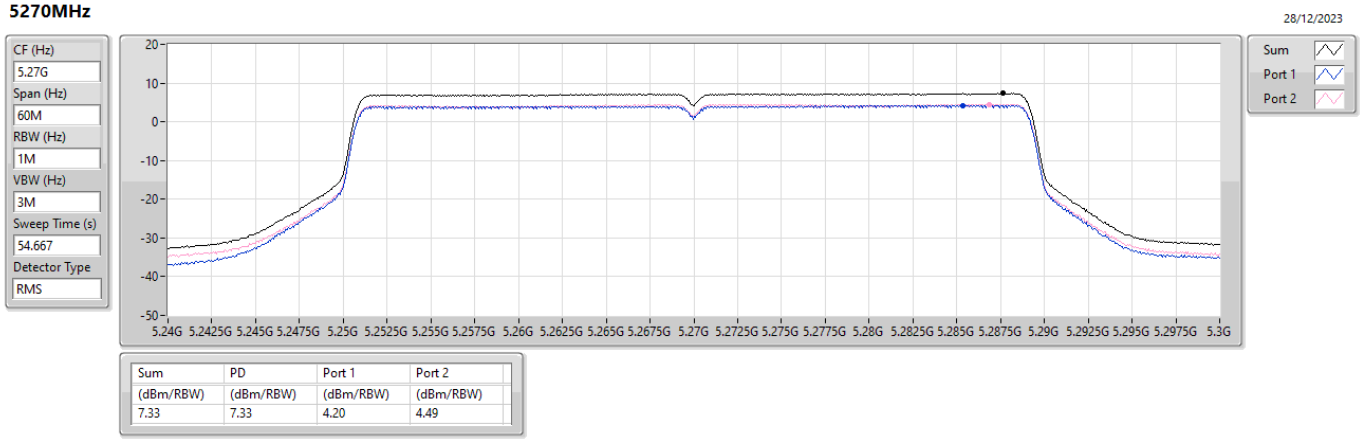
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	5.31	5.58

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

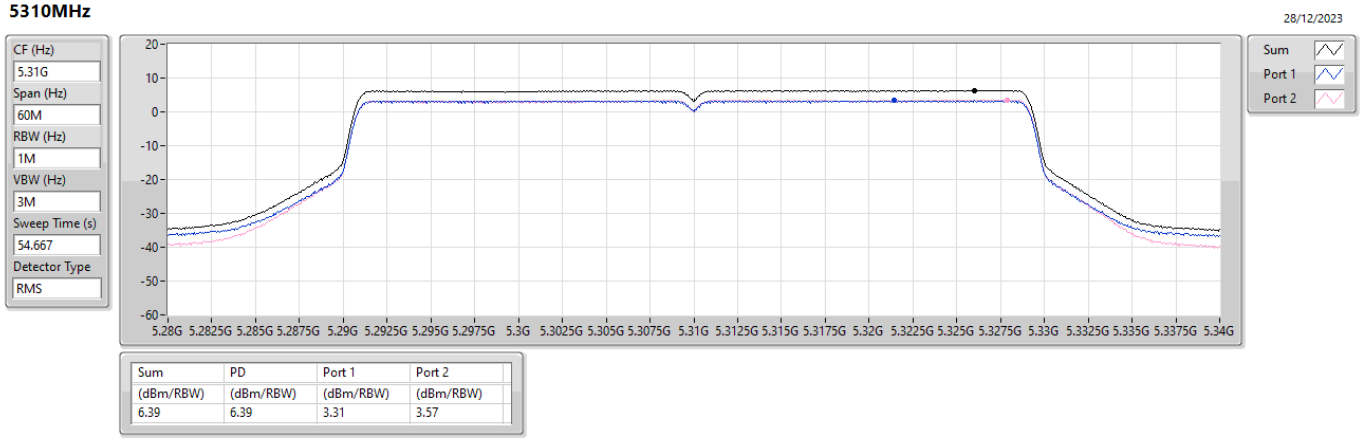
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	4.20	4.49

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

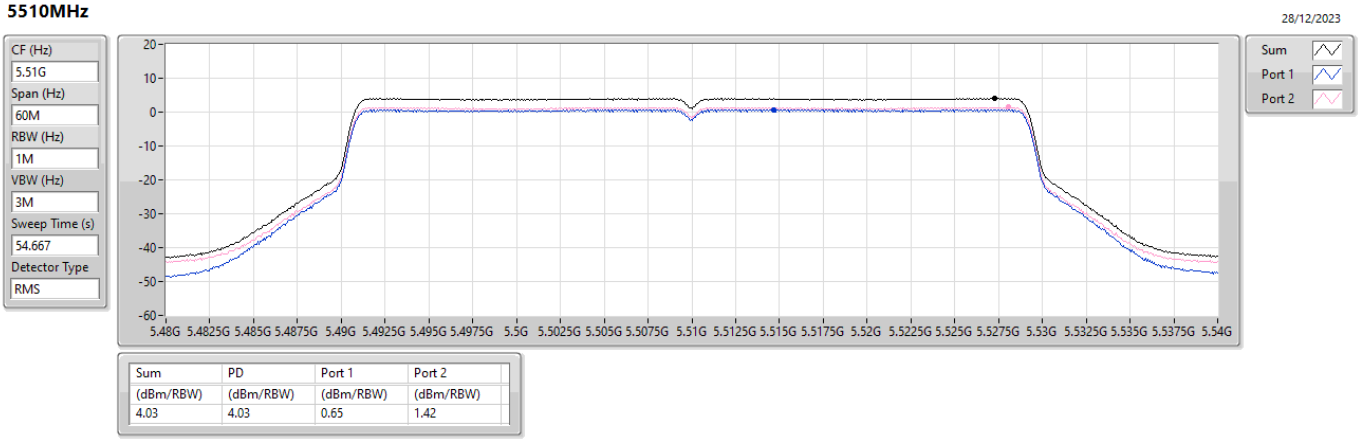
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	3.31	3.57

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

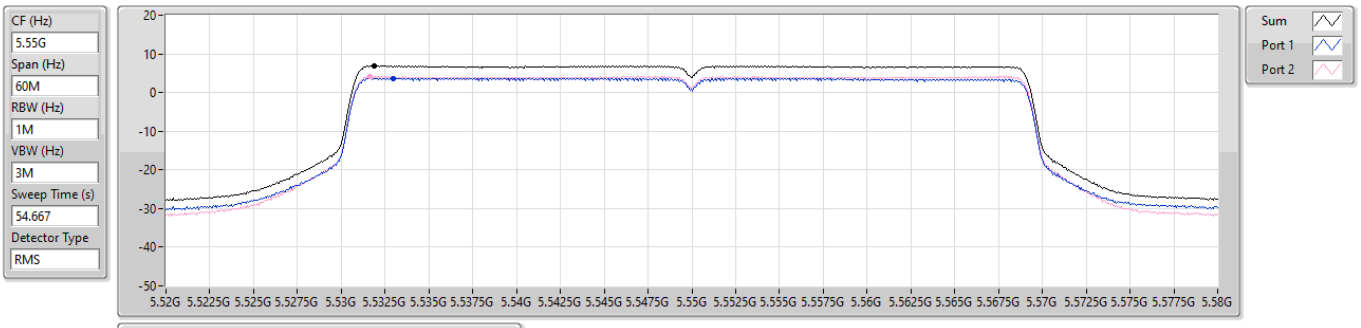
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	0.65	1.42

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

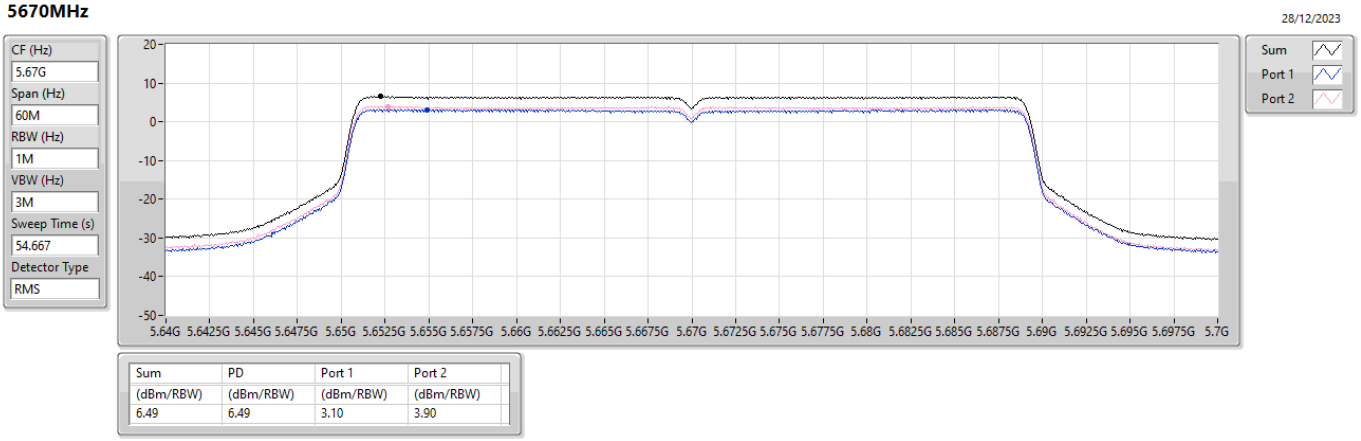
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.89	6.89	3.68	4.10

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

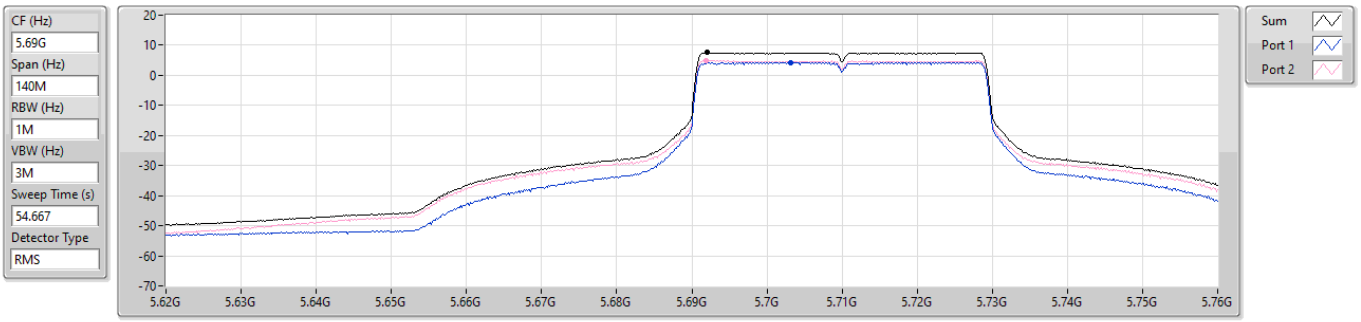
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	3.10	3.90

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

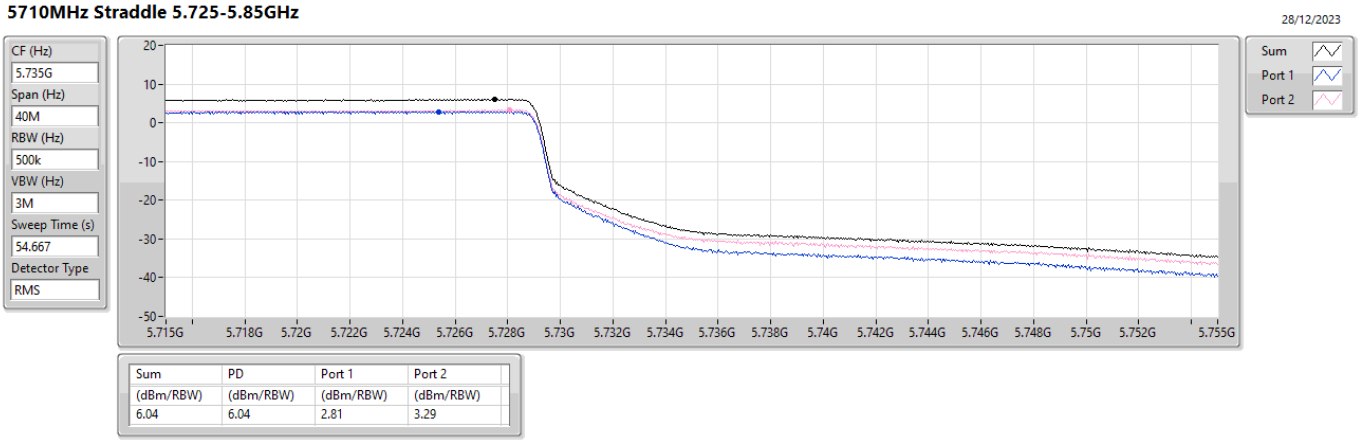
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	4.23	4.95

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

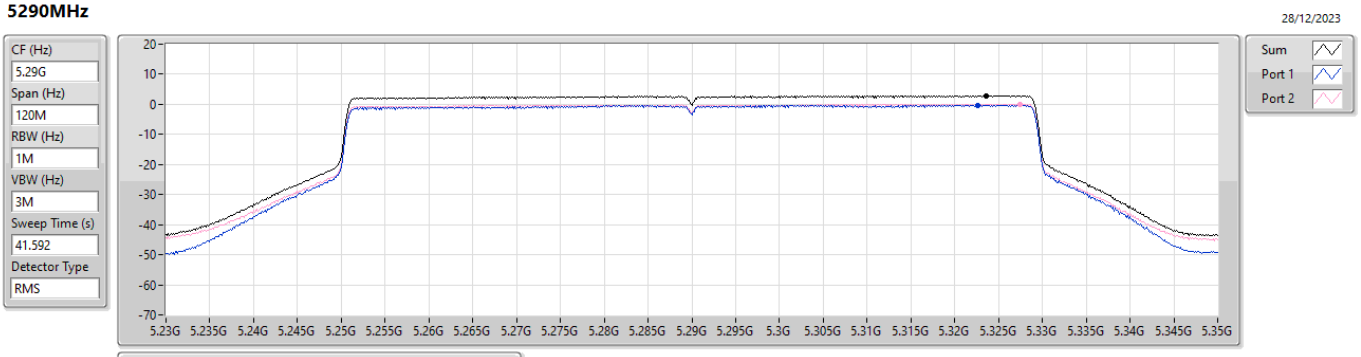
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.04	6.04	2.81	3.29

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX **PSD**

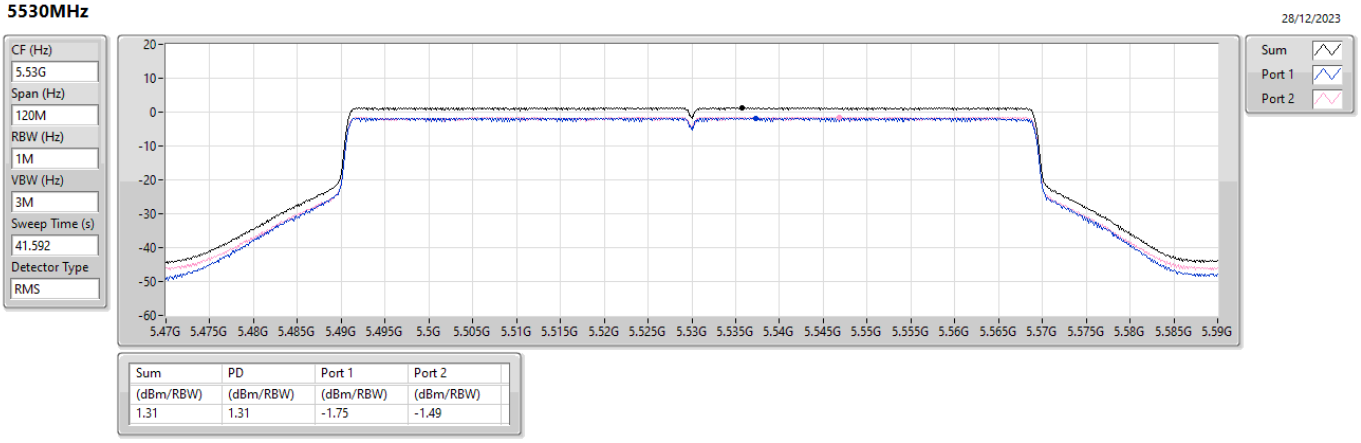
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-0.29	0.09

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **PSD**

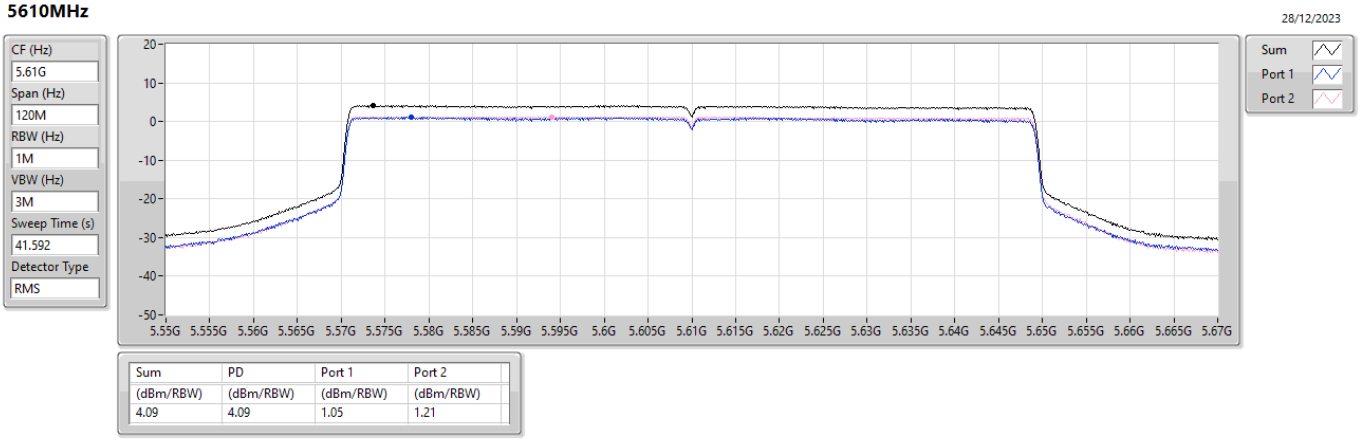
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.31	1.31	-1.75	-1.49

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **PSD**

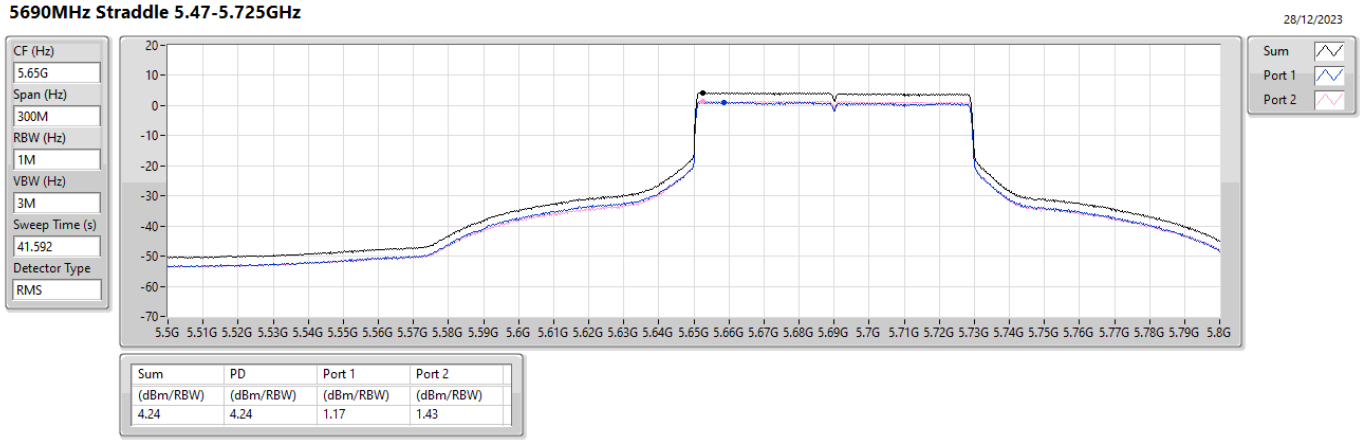
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	1.05	1.21

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX **PSD**

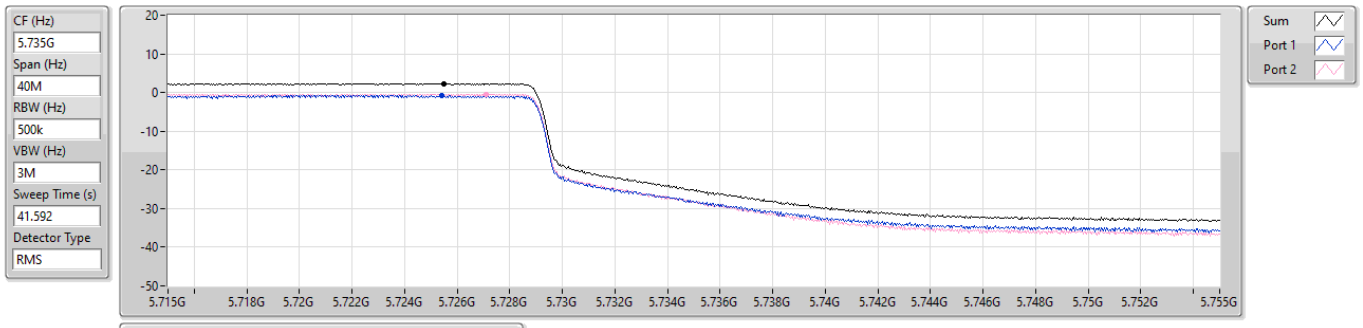
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.24	4.24	1.17	1.43

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX **PSD**

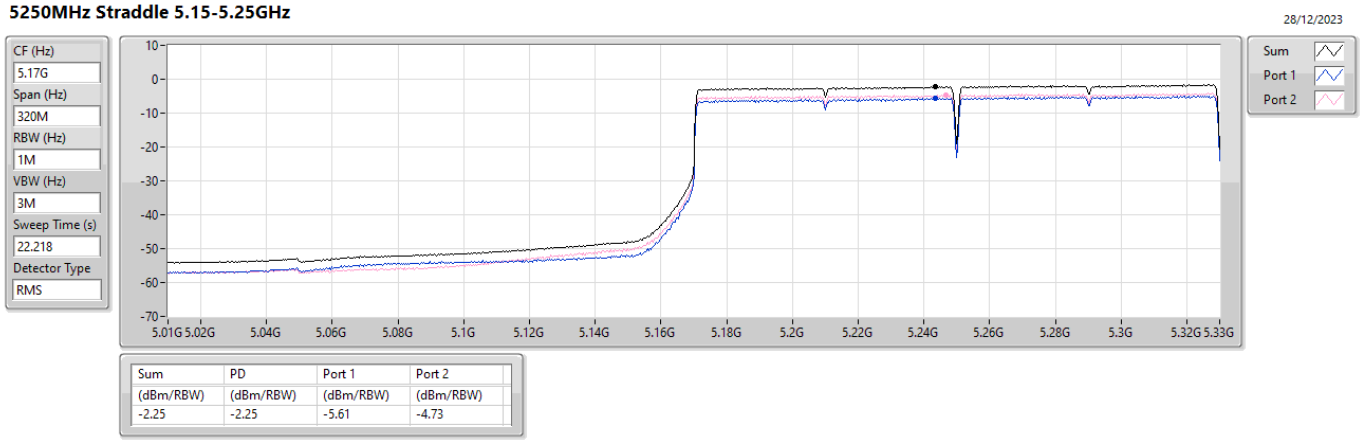
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.31	2.31	-0.86	-0.42

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX **PSD**

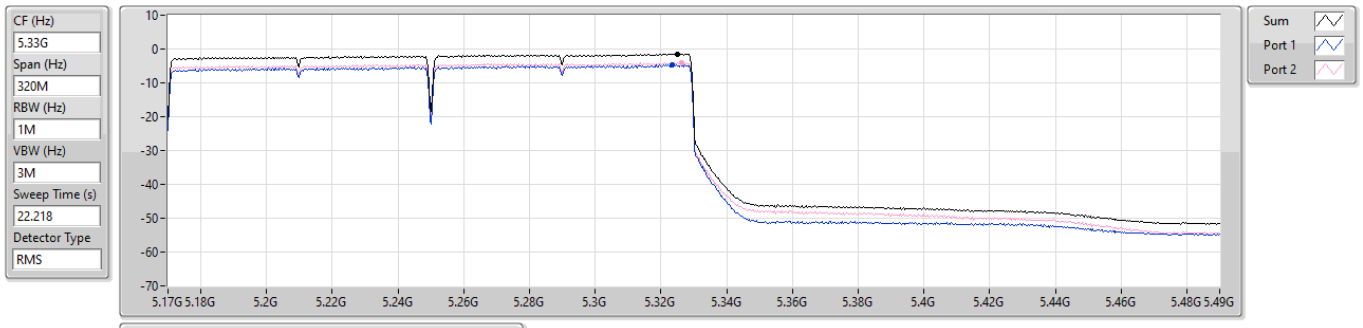
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.25	-2.25	-5.61	-4.73

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX **PSD**

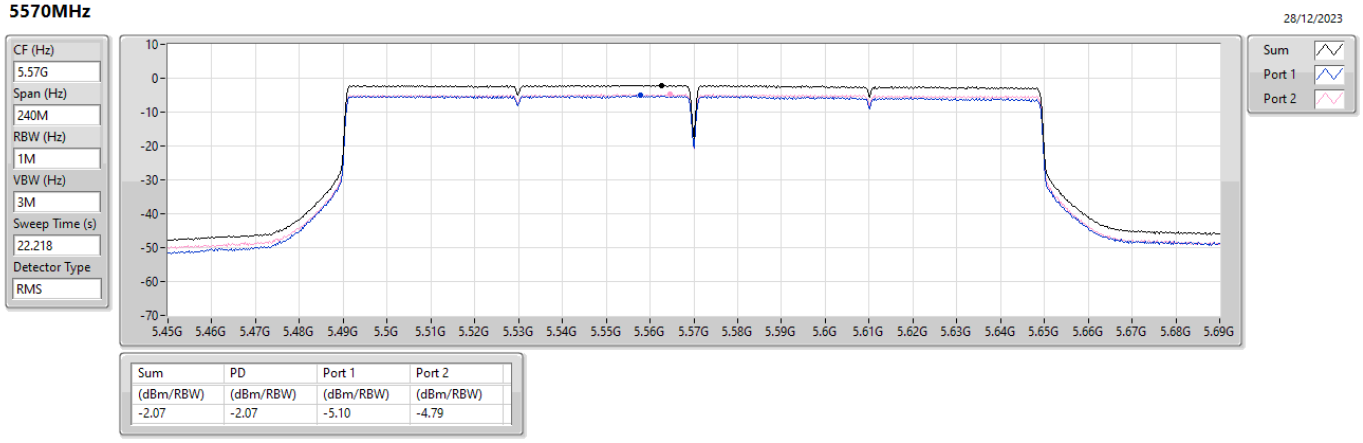
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.48	-1.48	-4.70	-4.08

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX **PSD**

5570MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.07	-2.07	-5.10	-4.79

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-3.17
5.25-5.35GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	9.59
802.11be EHT40-BF_Nss1,(MCS0)_2TX	7.37
802.11be EHT80-BF_Nss1,(MCS0)_2TX	3.15
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-2.53
5.47-5.725GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	9.40
802.11be EHT40-BF_Nss1,(MCS0)_2TX	6.64
802.11be EHT80-BF_Nss1,(MCS0)_2TX	3.79
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-2.15
5.725-5.85GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	7.68
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.50
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.61

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

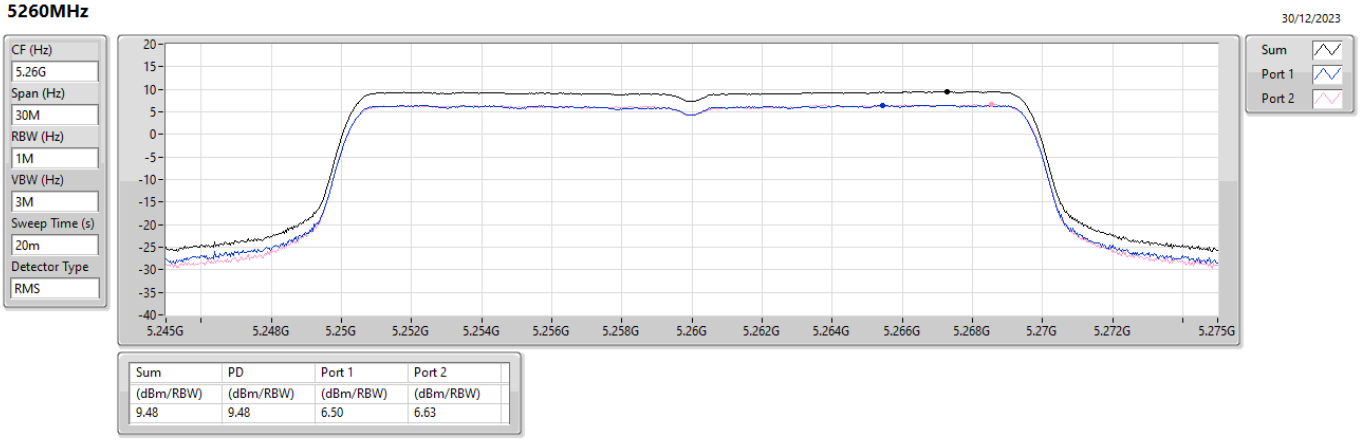
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	6.50	6.63	9.48	11.00
5300MHz	Pass	5.36	6.94	6.86	9.59	11.00
5320MHz	Pass	5.36	6.72	6.42	9.48	11.00
5500MHz	Pass	6.89	5.53	5.32	8.35	10.11
5580MHz	Pass	6.89	6.47	6.63	9.40	10.11
5700MHz	Pass	6.89	0.15	-0.22	2.92	10.11
5720MHz Straddle 5.47-5.725GHz	Pass	6.89	6.49	6.26	9.34	10.11
5720MHz Straddle 5.725-5.85GHz	Pass	6.20	5.07	4.43	7.68	29.80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	5.09	4.43	7.37	11.00
5310MHz	Pass	5.36	0.90	0.58	3.33	11.00
5510MHz	Pass	6.89	-2.41	-2.69	0.29	10.11
5550MHz	Pass	6.89	3.64	3.14	6.10	10.11
5670MHz	Pass	6.89	1.23	1.05	4.14	10.11
5710MHz Straddle 5.47-5.725GHz	Pass	6.89	3.94	3.69	6.64	10.11
5710MHz Straddle 5.725-5.85GHz	Pass	6.20	2.54	0.70	4.50	29.80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	-0.58	0.75	3.15	11.00
5530MHz	Pass	6.89	-1.99	-2.48	0.67	10.11
5610MHz	Pass	6.89	1.05	1.03	3.79	10.11
5690MHz Straddle 5.47-5.725GHz	Pass	6.89	0.03	0.12	2.84	10.11
5690MHz Straddle 5.725-5.85GHz	Pass	6.20	-1.40	-3.54	0.61	29.80
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.34	-5.47	-6.25	-3.17	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-5.25	-5.53	-2.53	11.00
5570MHz	Pass	6.89	-5.10	-5.08	-2.15	10.11

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

5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

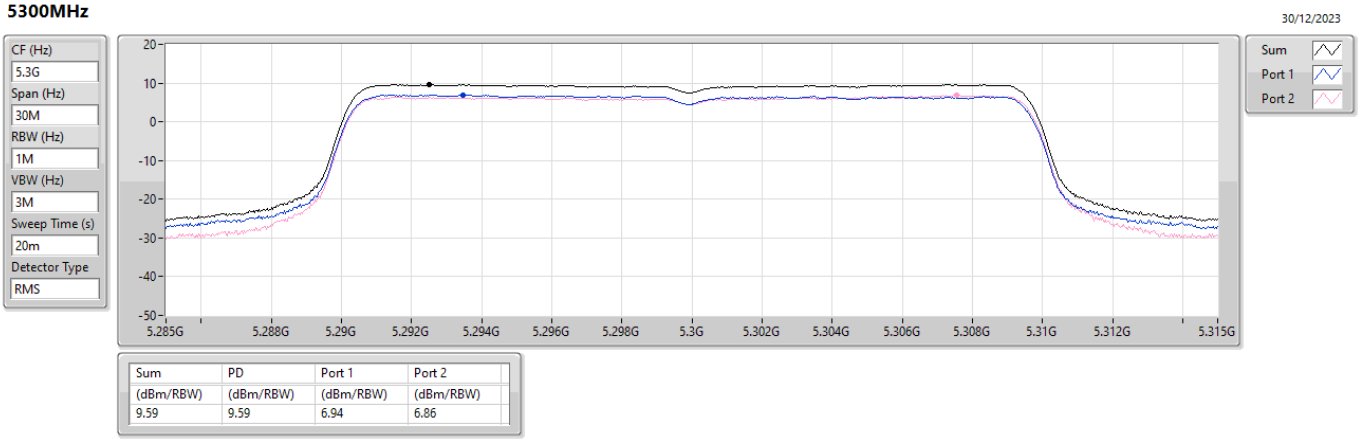
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	6.50	6.63

5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

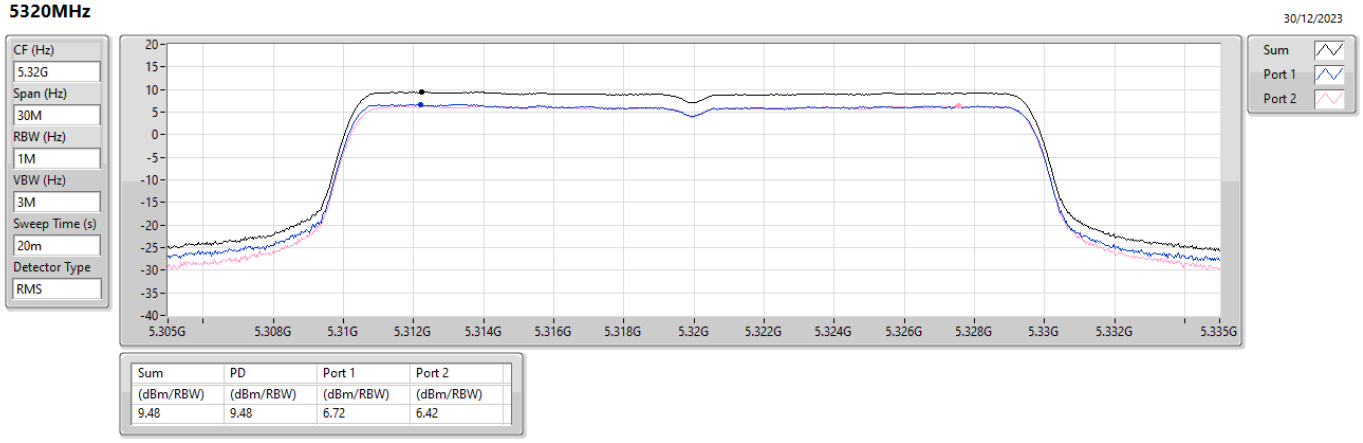
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.59	9.59	6.94	6.86

5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

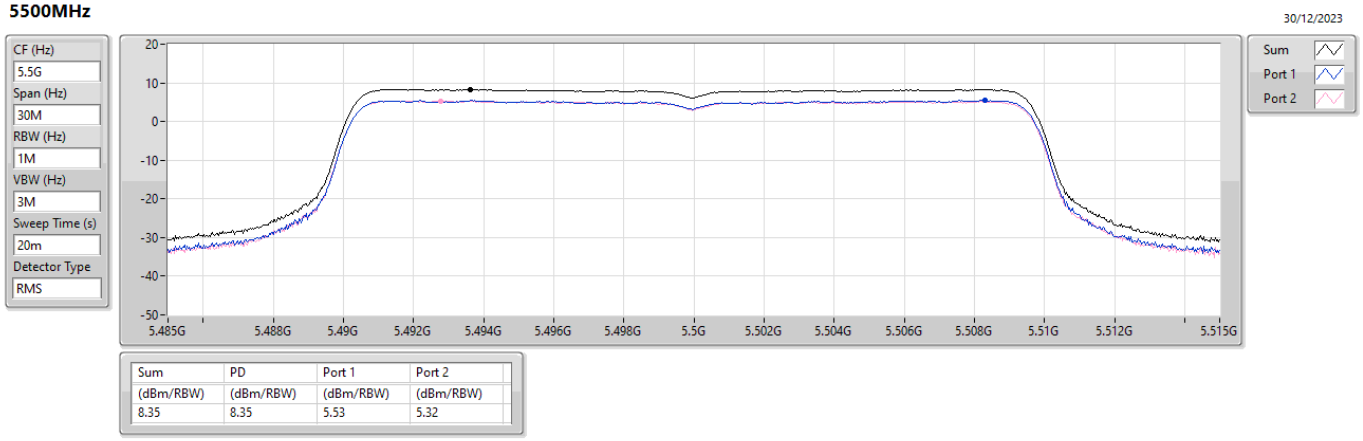
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	6.72	6.42

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

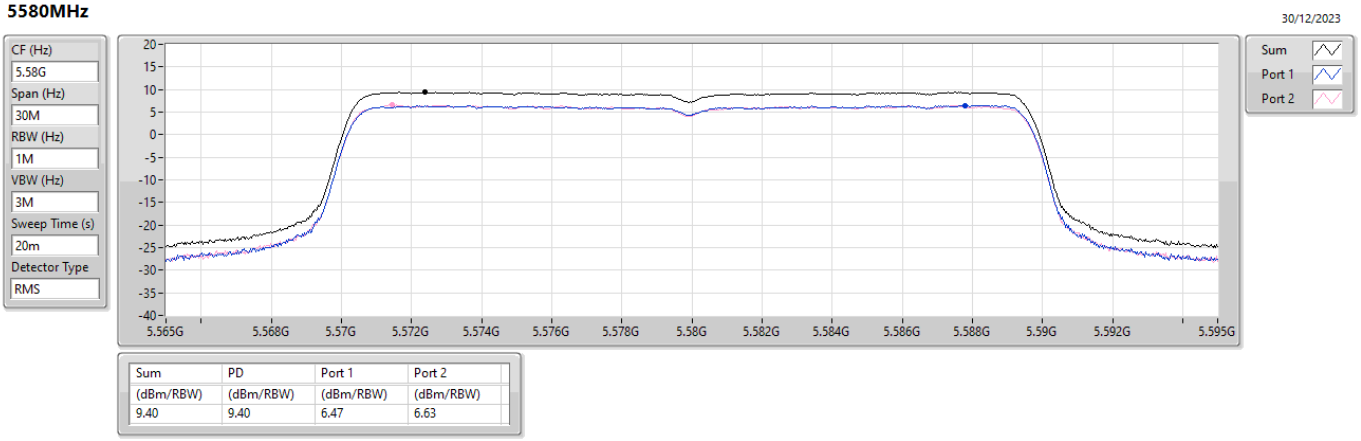
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	5.53	5.32

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

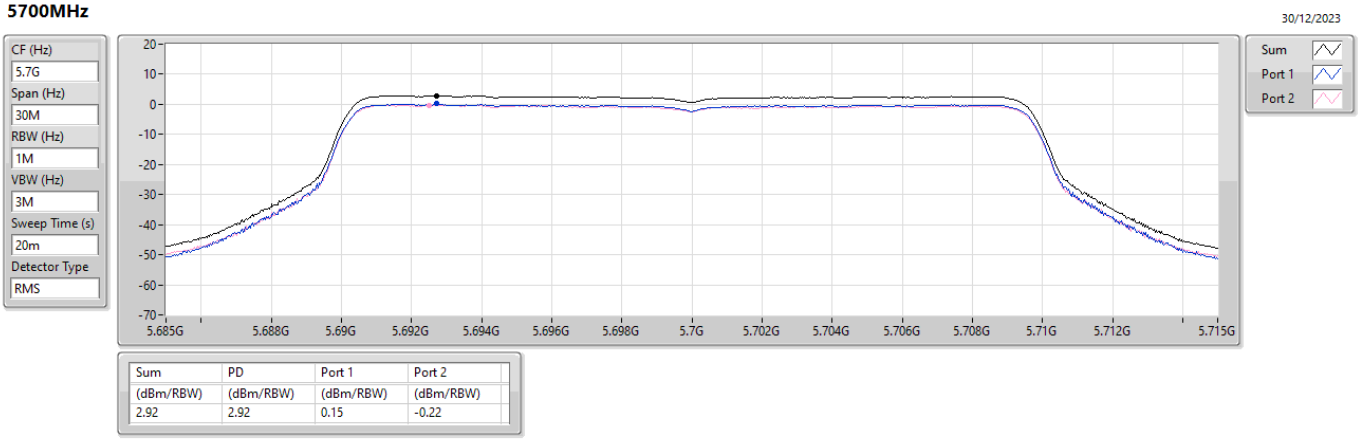
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.40	9.40	6.47	6.63

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

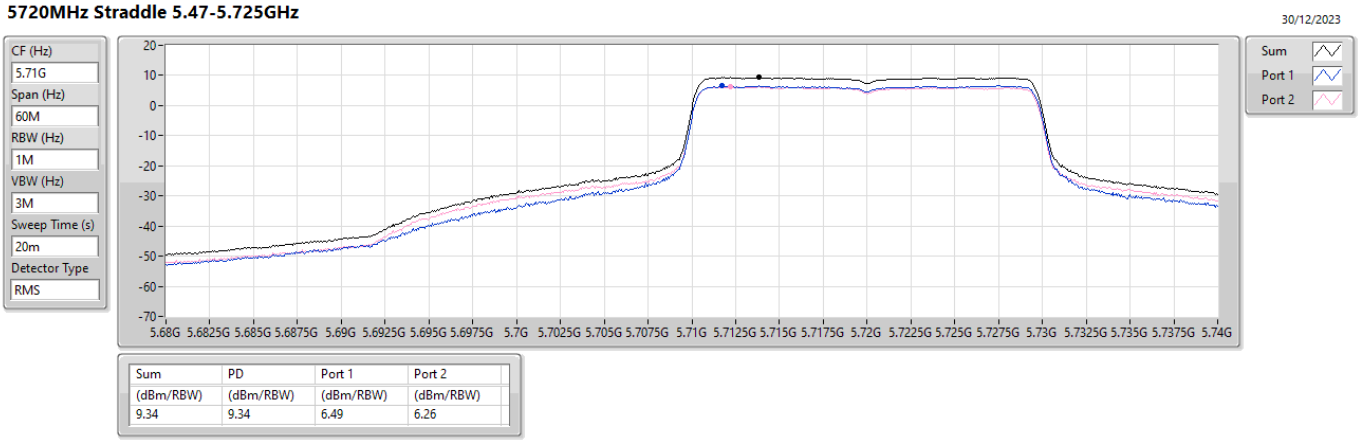
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	0.15	-0.22

5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

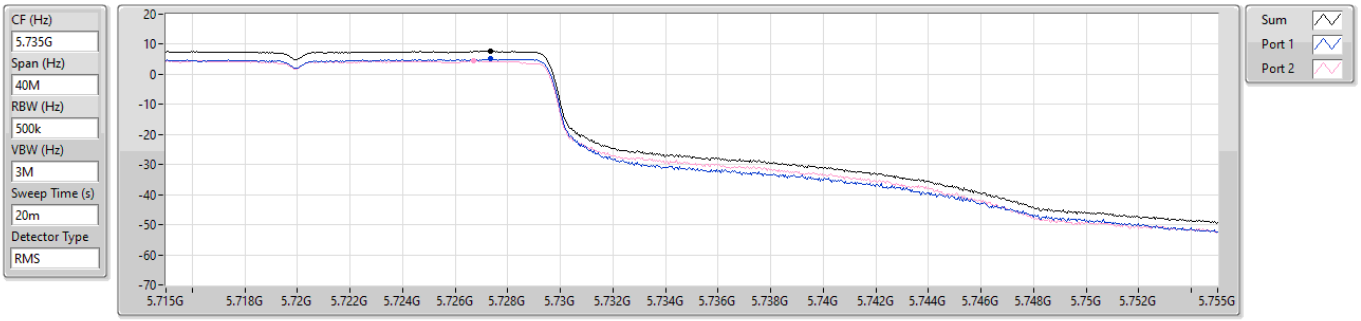
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.34	9.34	6.49	6.26

5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

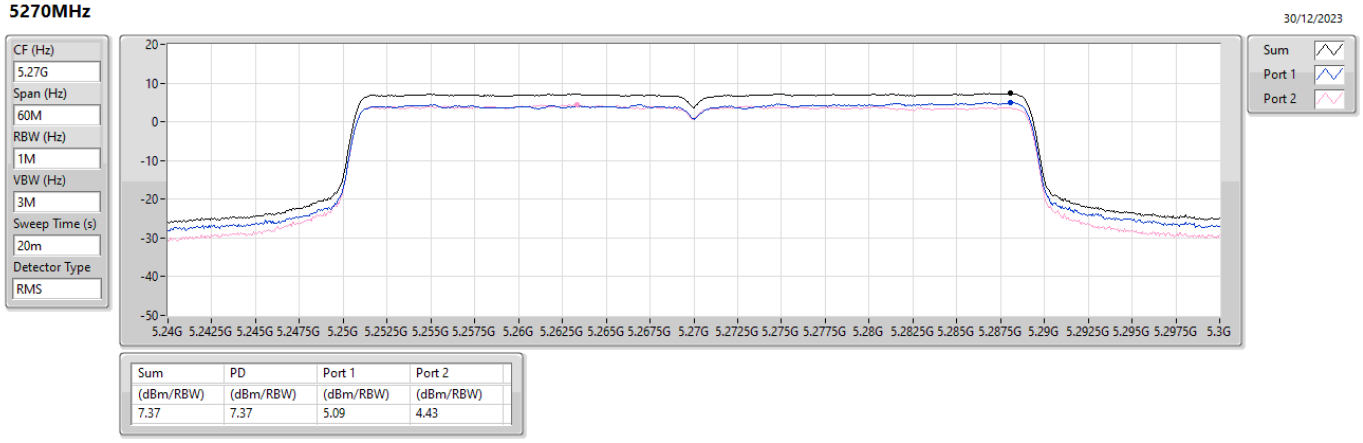
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	5.07	4.43

5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

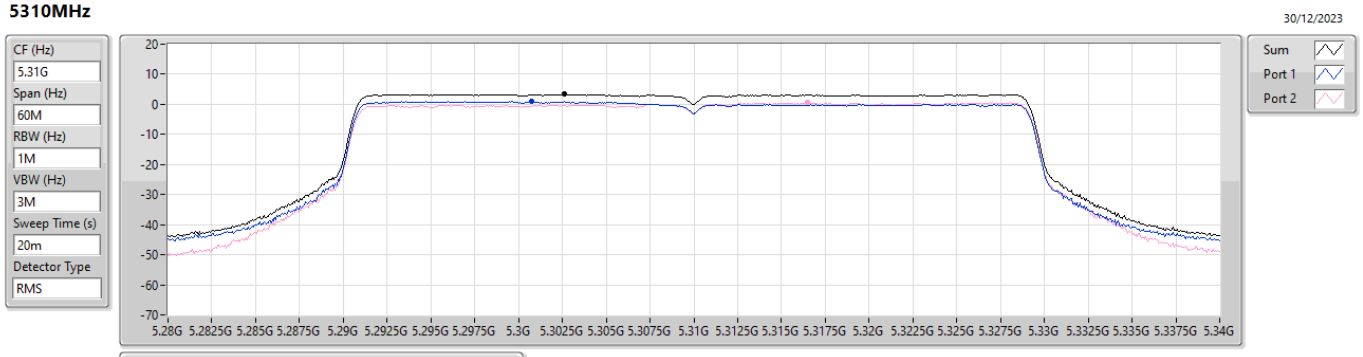
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.37	7.37	5.09	4.43

5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

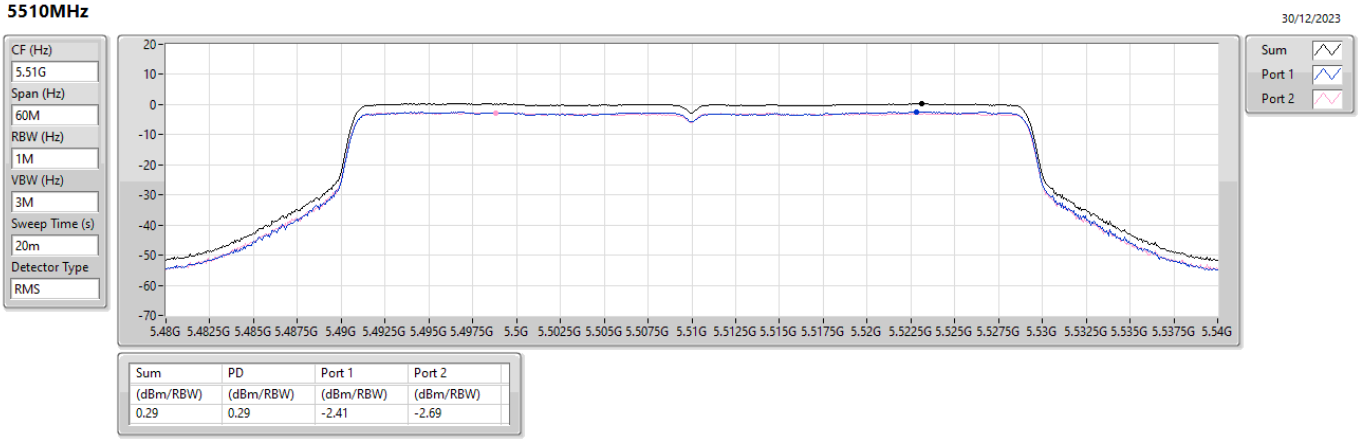
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	0.90	0.58

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

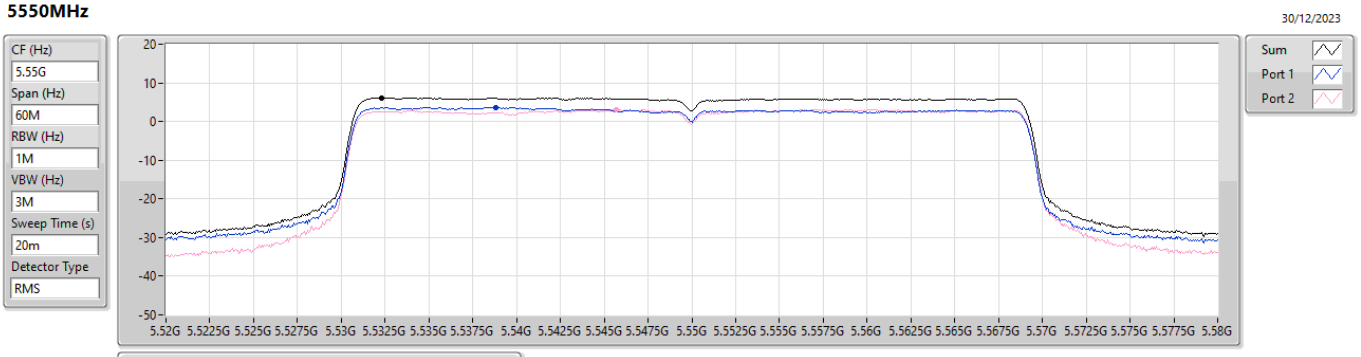
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	-2.41	-2.69

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

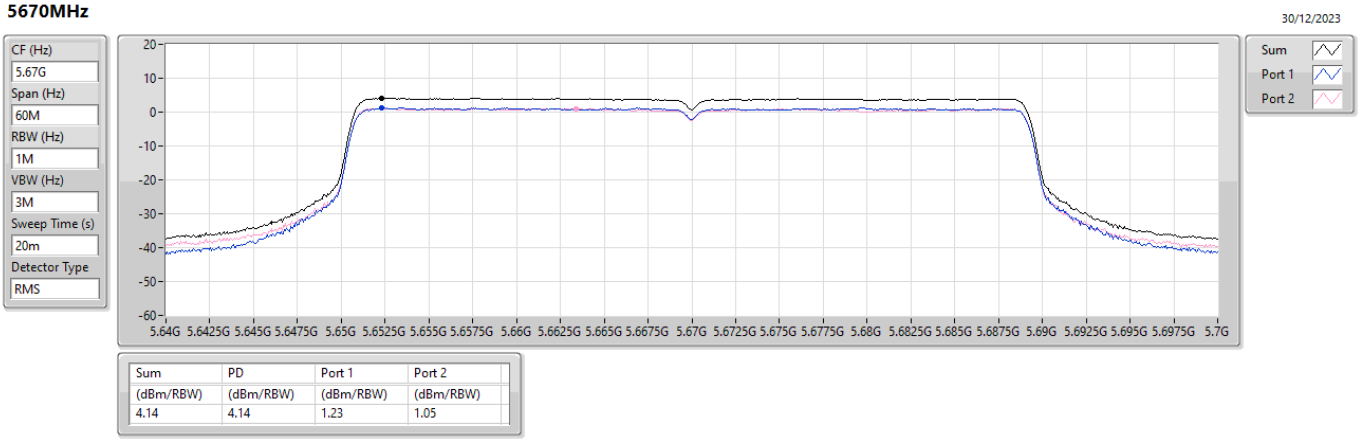
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.10	6.10	3.64	3.14

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

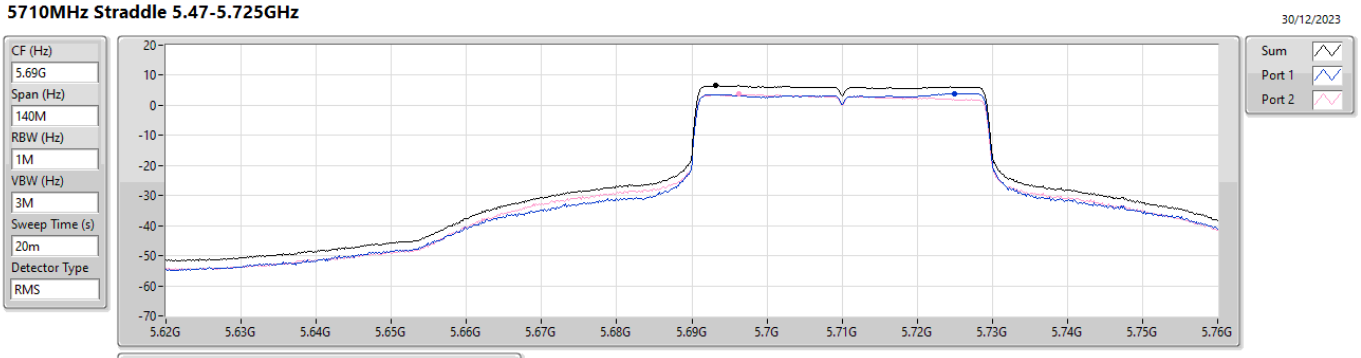
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	1.23	1.05

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

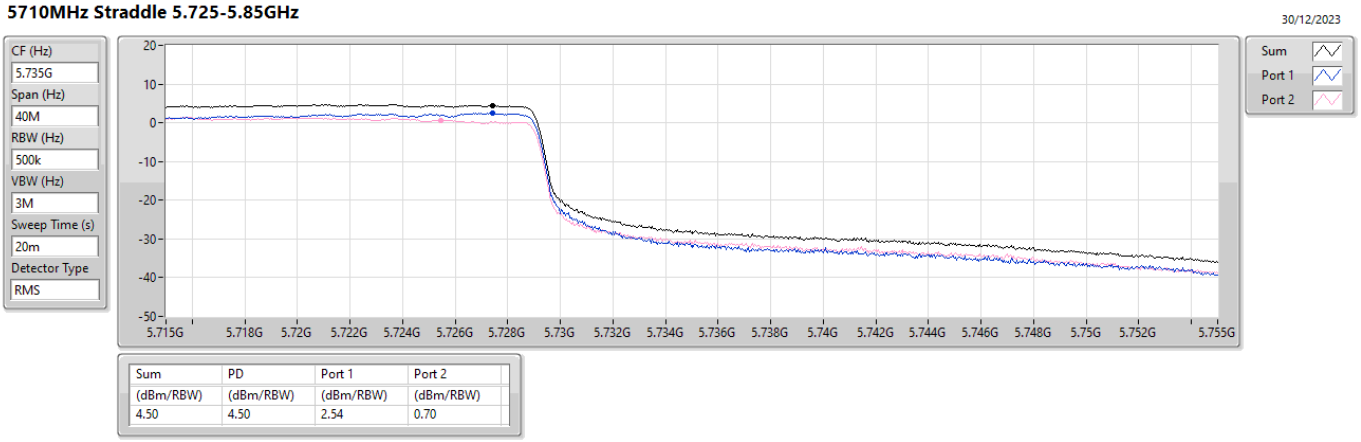
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	3.94	3.69

5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

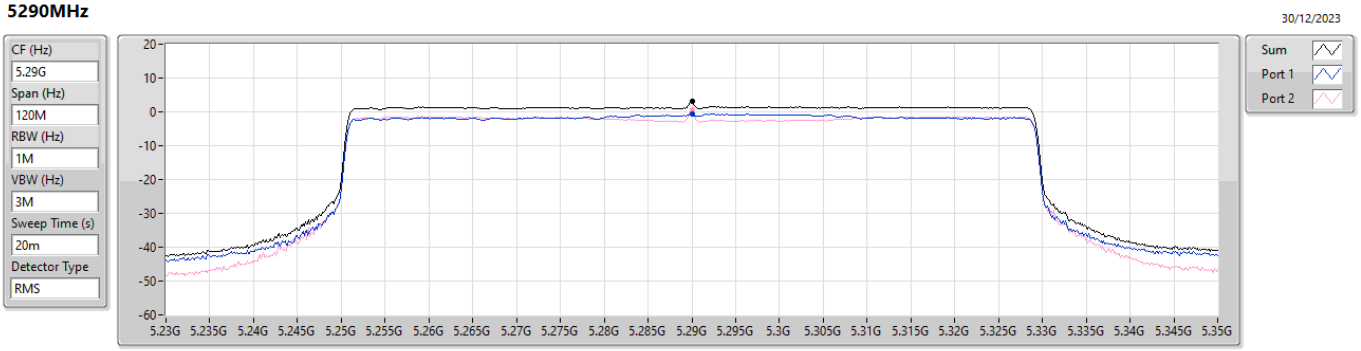
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	2.54	0.70

5.25-5.35GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **PSD**

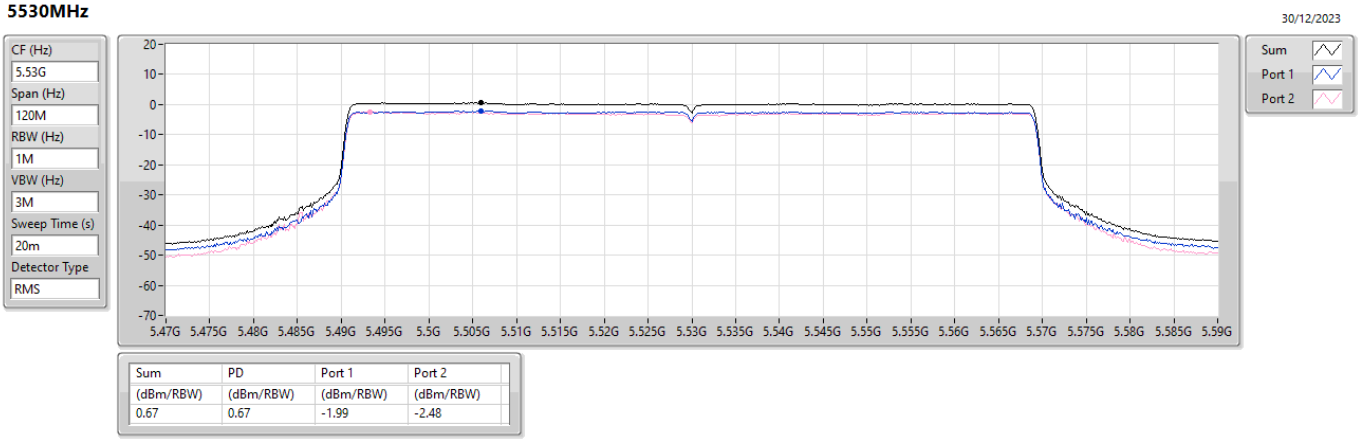
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	-0.58	0.75

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **PSD**

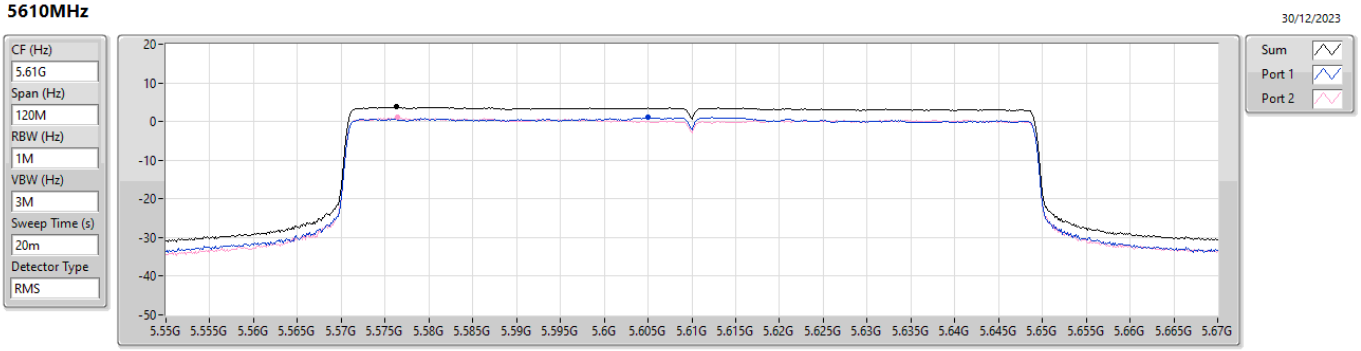
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	-1.99	-2.48

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **PSD**

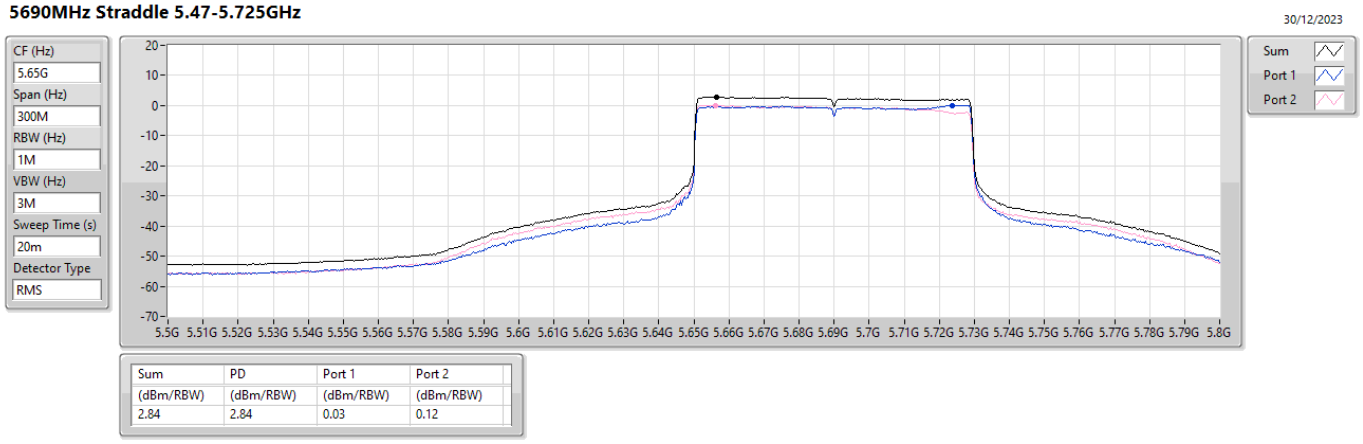
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	1.05	1.03

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **PSD**

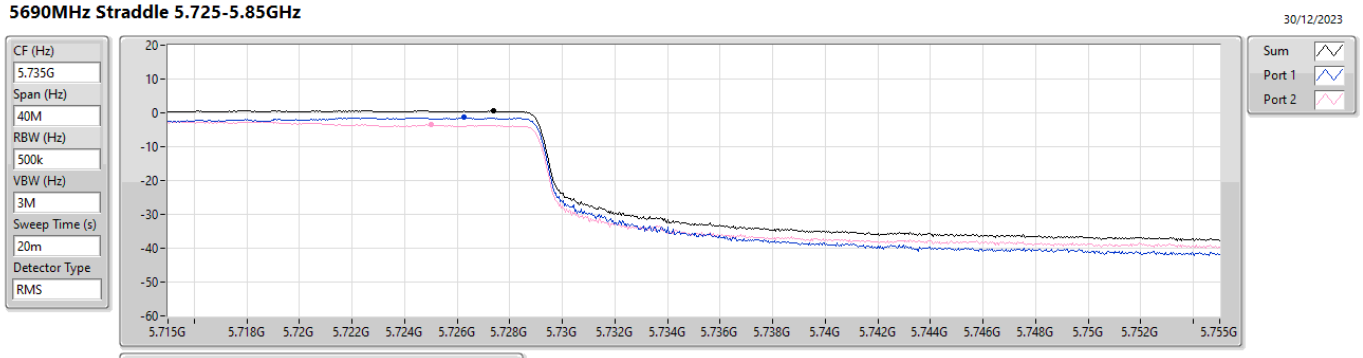
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	0.03	0.12

5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **PSD**

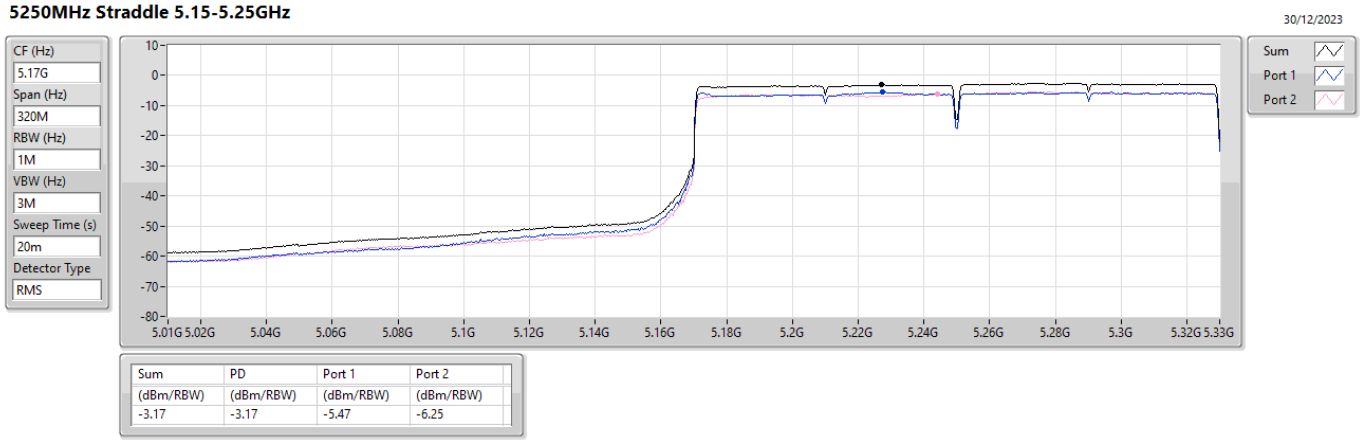
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.61	0.61	-1.40	-3.54

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **PSD**

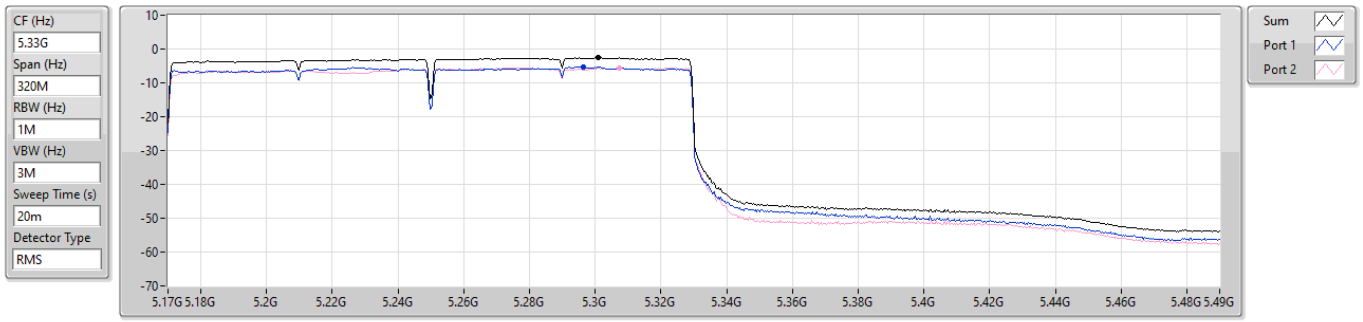
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-5.47	-6.25

5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **PSD**

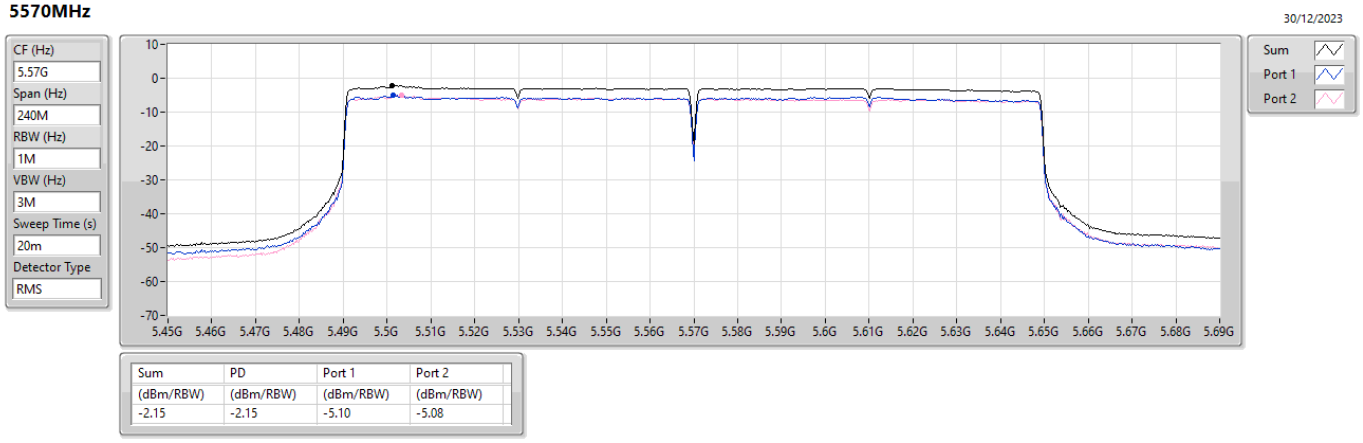
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.53	-2.53	-5.25	-5.53

5.47-5.725GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **PSD**

5570MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.15	-2.15	-5.10	-5.08

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX	-2.25

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

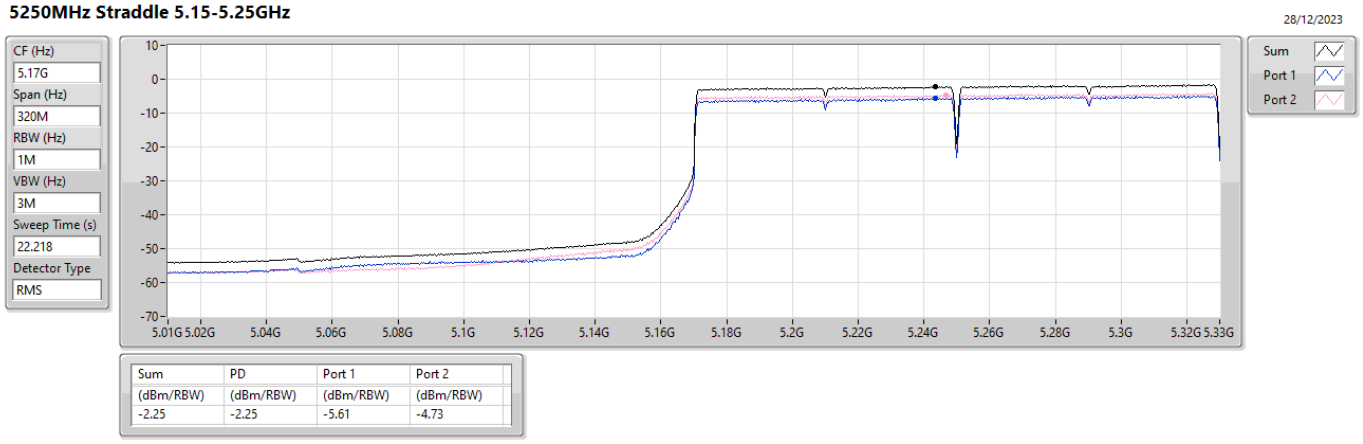
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.34	-5.61	-4.73	-2.25	11.00

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

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX **PSD**

5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.25	-2.25	-5.61	-4.73

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-3.17

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

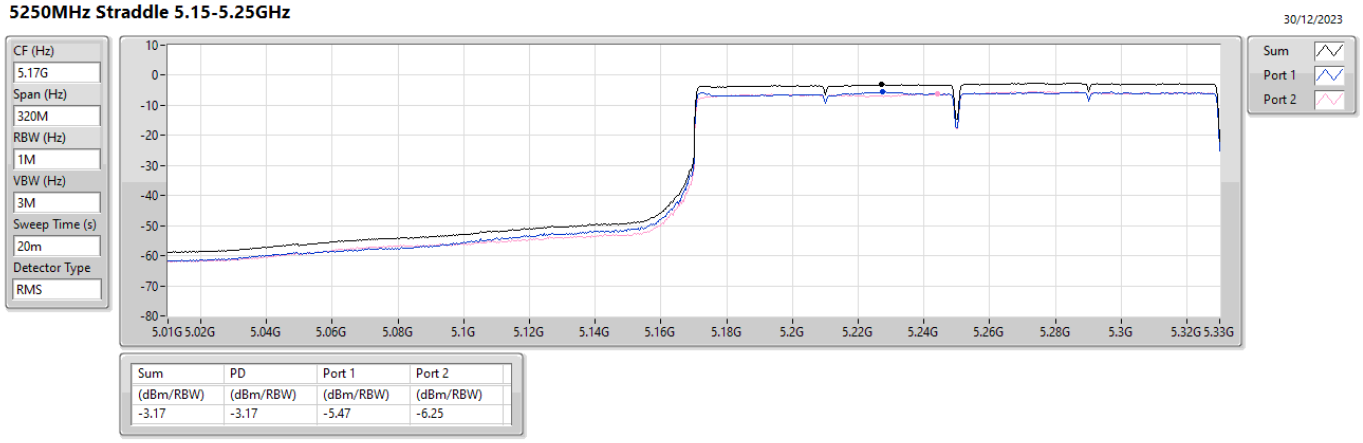
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.34	-5.47	-6.25	-3.17	11.00

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

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **PSD**

5250MHz Straddle 5.15-5.25GHz

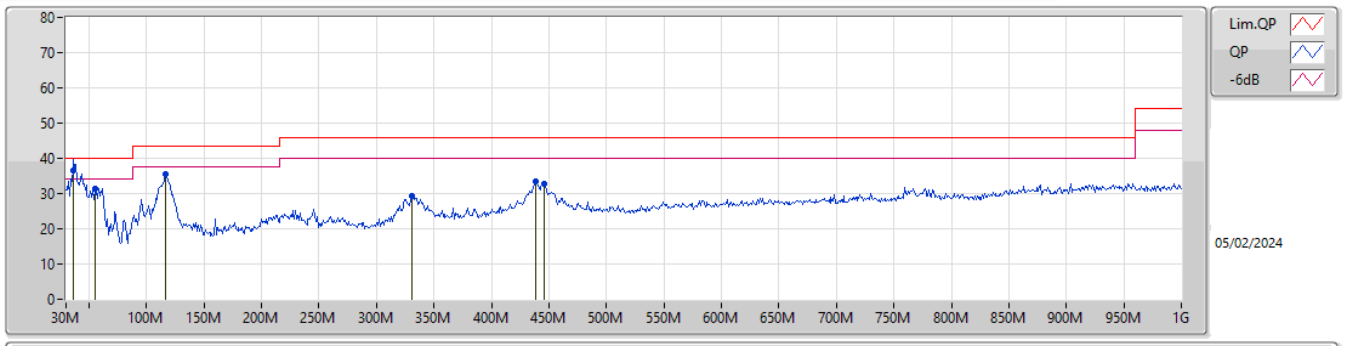


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-5.47	-6.25

Summary

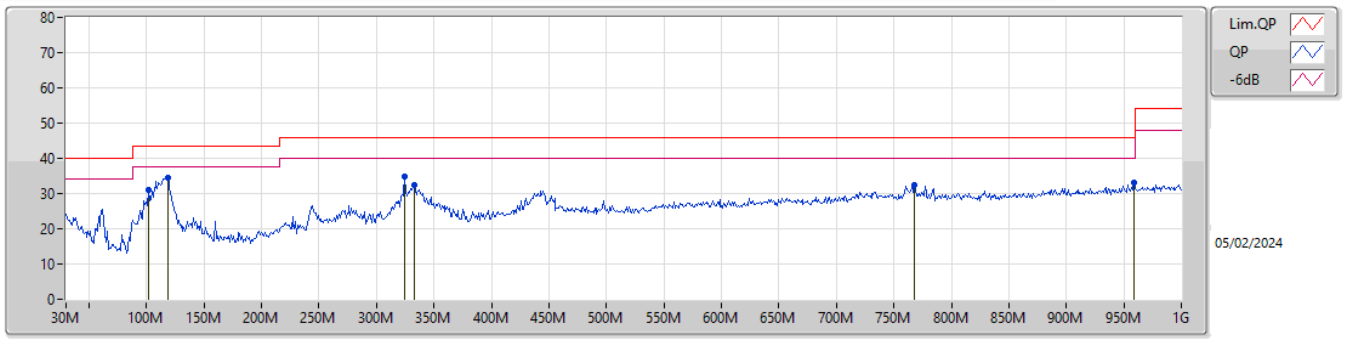
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	36.79M	36.60	40.00	-3.40	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	36.79M	36.60	40.00	-3.40	-10.10	3	Vertical	1	1.00	"Worst"	46.70	20.49	1.12	31.71
PK	55.22M	31.55	40.00	-8.45	-17.70	3	Vertical	360	1.00	-	49.25	12.85	1.33	31.88
PK	116.33M	35.56	43.50	-7.94	-11.91	3	Vertical	206	1.00	-	47.47	18.16	1.90	31.97
PK	330.7M	29.20	46.00	-16.80	-9.23	3	Vertical	149	1.50	-	38.43	19.60	3.31	32.14
PK	438.37M	33.34	46.00	-12.66	-6.05	3	Vertical	237	1.50	-	39.39	22.36	3.88	32.29
PK	446.13M	32.91	46.00	-13.09	-5.92	3	Vertical	229	1.25	-	38.83	22.48	3.92	32.32

Mode 1



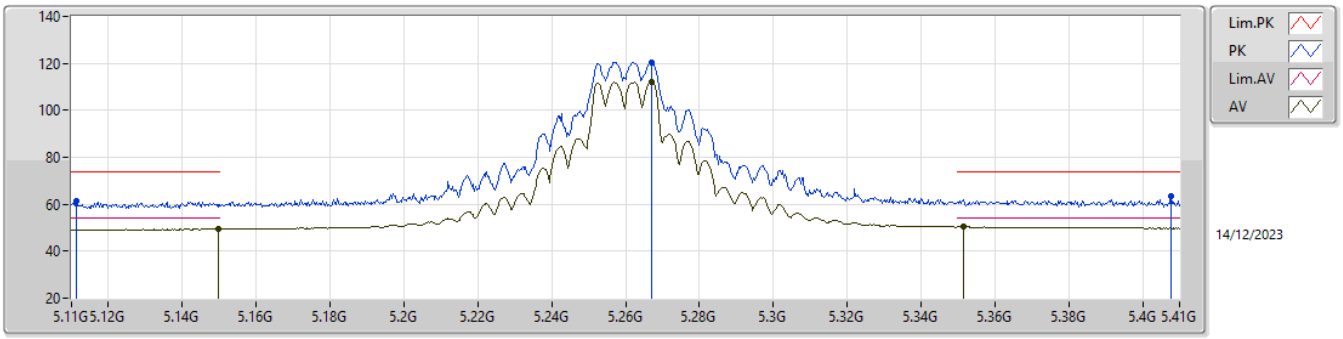
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	101.78M	30.88	43.50	-12.62	-13.16	3	Horizontal	76	3.00	-	44.04	17.01	1.77	31.94
PK	118.27M	34.61	43.50	-8.89	-11.79	3	Horizontal	258	3.00	"Worst"	46.40	18.28	1.91	31.98
PK	324.88M	34.78	46.00	-11.22	-9.29	3	Horizontal	108	1.00	-	44.07	19.57	3.28	32.14
PK	332.64M	32.58	46.00	-13.42	-9.19	3	Horizontal	113	1.25	-	41.77	19.63	3.33	32.15
PK	768.17M	32.36	46.00	-13.64	-1.80	3	Horizontal	52	3.00	-	34.16	25.54	5.30	32.64
PK	959.26M	32.97	46.00	-13.03	0.36	3	Horizontal	14	1.25	-	32.61	26.83	6.02	32.49

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.353G	53.95	54.00	-0.05	3	Horizontal	292	2.40	-

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

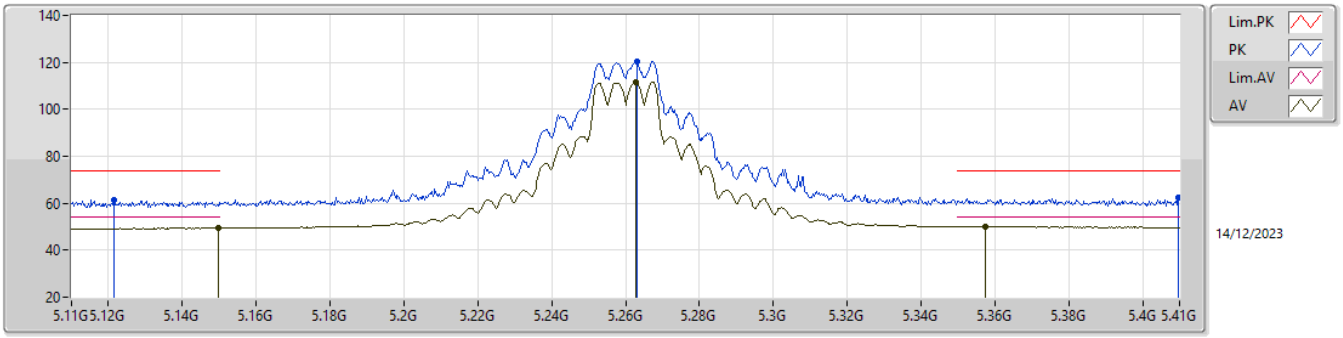


EUT X_2TX
Setting 25
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1112G	61.30	74.00	-12.70	54.19	3	Vertical	354	1.80	-	32.82	7.20	32.91
AV	5.1499G	49.45	54.00	-4.55	42.21	3	Vertical	354	1.80	-	32.90	7.24	32.90
PK	5.2672G	120.59	Inf	-Inf	113.13	3	Vertical	354	1.80	-	33.03	7.31	32.88
AV	5.2672G	112.09	Inf	-Inf	104.63	3	Vertical	354	1.80	-	33.03	7.31	32.88
PK	5.4076G	63.23	74.00	-10.77	55.37	3	Vertical	354	1.80	-	33.33	7.38	32.85
AV	5.3515G	50.54	54.00	-3.46	42.85	3	Vertical	354	1.80	-	33.20	7.35	32.86

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

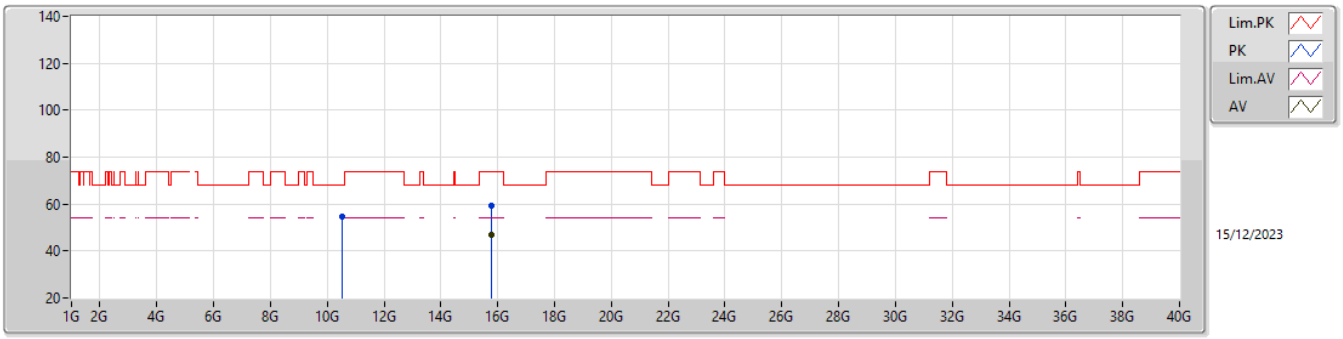


EUT X_2TX
Setting 25
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1214G	61.27	74.00	-12.73	54.13	3	Horizontal	327	1.80	-	32.84	7.21	32.91
AV	5.1499G	49.45	54.00	-4.55	42.21	3	Horizontal	327	1.80	-	32.90	7.24	32.90
PK	5.263G	120.21	Inf	-Inf	112.75	3	Horizontal	327	1.80	-	33.03	7.31	32.88
AV	5.2627G	111.56	Inf	-Inf	104.10	3	Horizontal	327	1.80	-	33.03	7.31	32.88
PK	5.4097G	62.26	74.00	-11.74	54.39	3	Horizontal	327	1.80	-	33.34	7.38	32.85
AV	5.3575G	50.02	54.00	-3.98	42.31	3	Horizontal	327	1.80	-	33.22	7.35	32.86

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

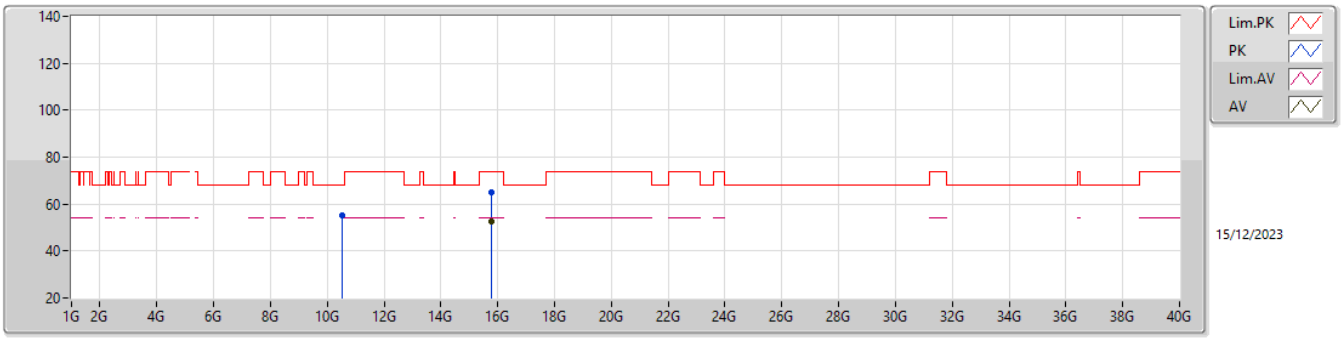


EUT X_2TX
Setting 24.5
01-K-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5203G	54.58	68.20	-13.62	71.32	3	Vertical	17	2.72	-	38.36	10.31	65.41
PK	15.7772G	59.34	74.00	-14.66	70.69	3	Vertical	32	2.48	-	38.15	12.70	62.20
AV	15.7822G	46.65	54.00	-7.35	57.99	3	Vertical	32	2.48	-	38.16	12.70	62.20

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

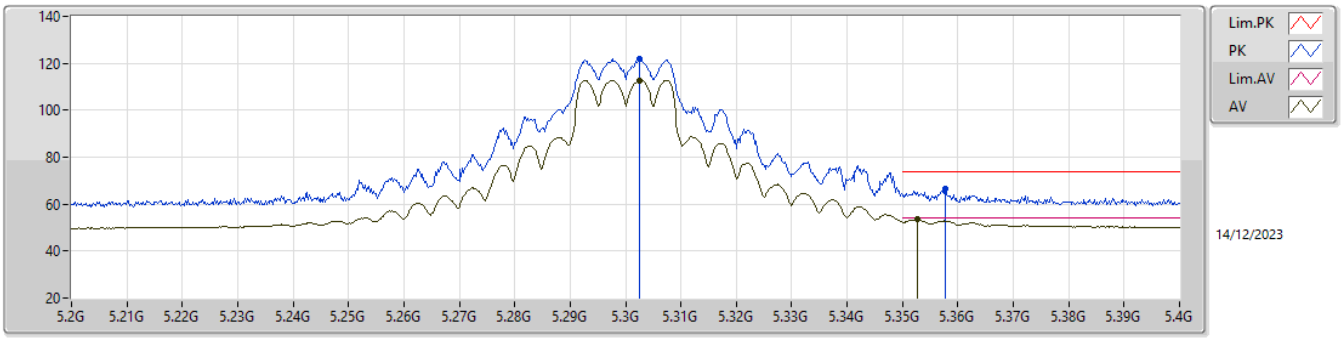


EUT X_2TX
Setting 24.5
01-K-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51825G	54.92	68.20	-13.28	71.66	3	Horizontal	64	1.74	-	38.36	10.31	65.41
PK	15.7817G	65.25	74.00	-8.75	76.59	3	Horizontal	137	1.80	-	38.16	12.70	62.20
AV	15.77735G	52.35	54.00	-1.65	63.70	3	Horizontal	137	1.80	-	38.15	12.70	62.20

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

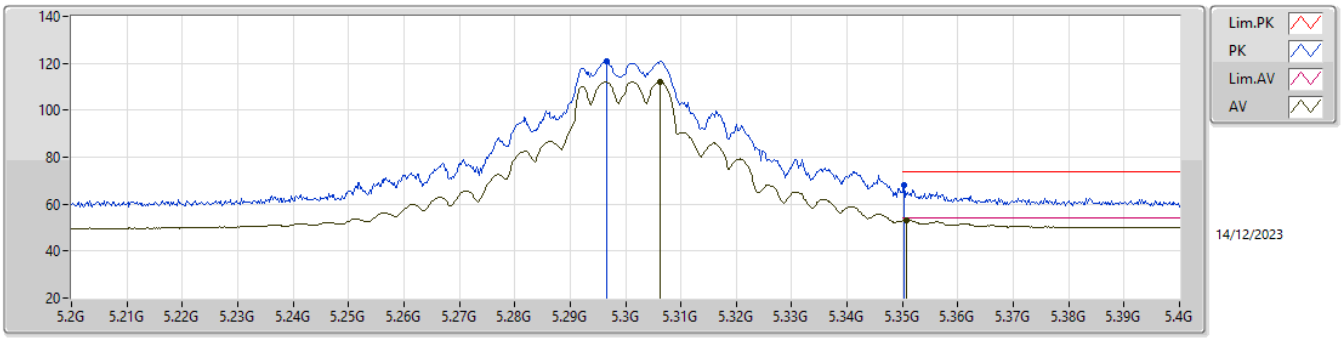


EUT X_2TX
Setting 25
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3026G	121.87	Inf	-Inf	114.30	3	Vertical	350	1.80	-	33.11	7.33	32.87
AV	5.3026G	112.80	Inf	-Inf	105.23	3	Vertical	350	1.80	-	33.11	7.33	32.87
PK	5.3578G	66.66	74.00	-7.34	58.95	3	Vertical	350	1.80	-	33.22	7.35	32.86
AV	5.3526G	53.58	54.00	-0.42	45.88	3	Vertical	350	1.80	-	33.21	7.35	32.86

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

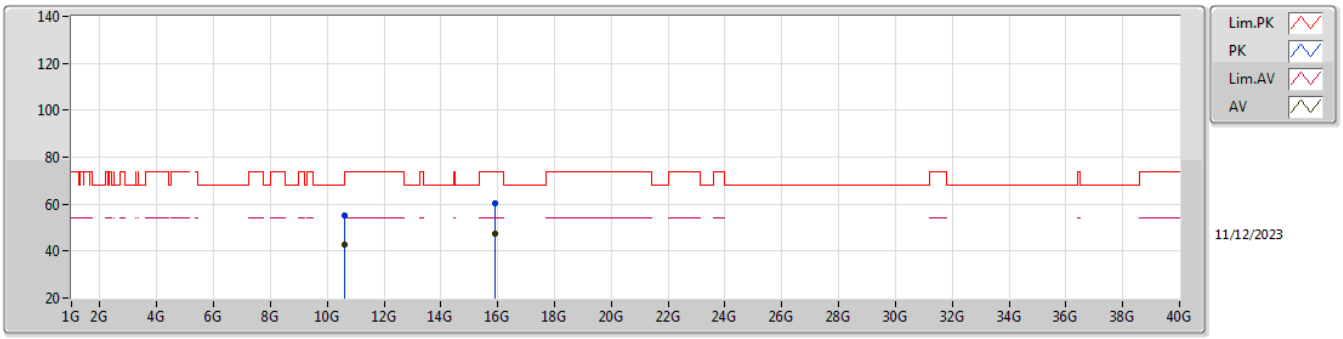


EUT X_2TX
Setting 25
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2966G	120.78	Inf	-Inf	113.24	3	Horizontal	324	1.00	-	33.09	7.32	32.87
AV	5.3062G	111.92	Inf	-Inf	104.35	3	Horizontal	324	1.00	-	33.11	7.33	32.87
PK	5.3502G	68.14	74.00	-5.86	60.45	3	Horizontal	324	1.00	-	33.20	7.35	32.86
AV	5.3508G	53.17	54.00	-0.83	45.48	3	Horizontal	324	1.00	-	33.20	7.35	32.86

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

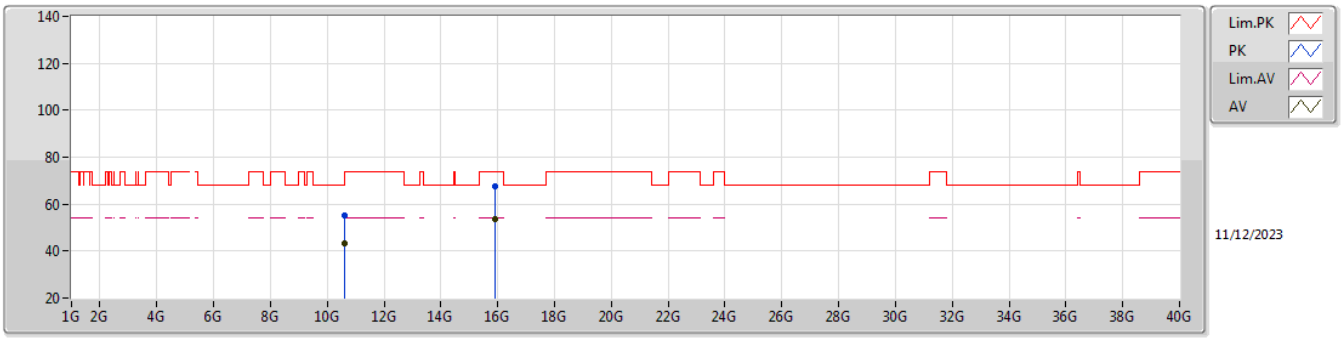


EUT X_2TX
Setting 25
01-K-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60141G	55.36	74.00	-18.64	72.11	3	Vertical	0	1.00	-	38.40	10.35	65.50
AV	10.60609G	42.66	54.00	-11.34	59.40	3	Vertical	0	1.00	-	38.41	10.35	65.50
PK	15.90243G	60.26	74.00	-13.74	71.08	3	Vertical	355	1.71	-	38.69	12.76	62.27
AV	15.90222G	47.59	54.00	-6.41	58.41	3	Vertical	355	1.71	-	38.69	12.76	62.27

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

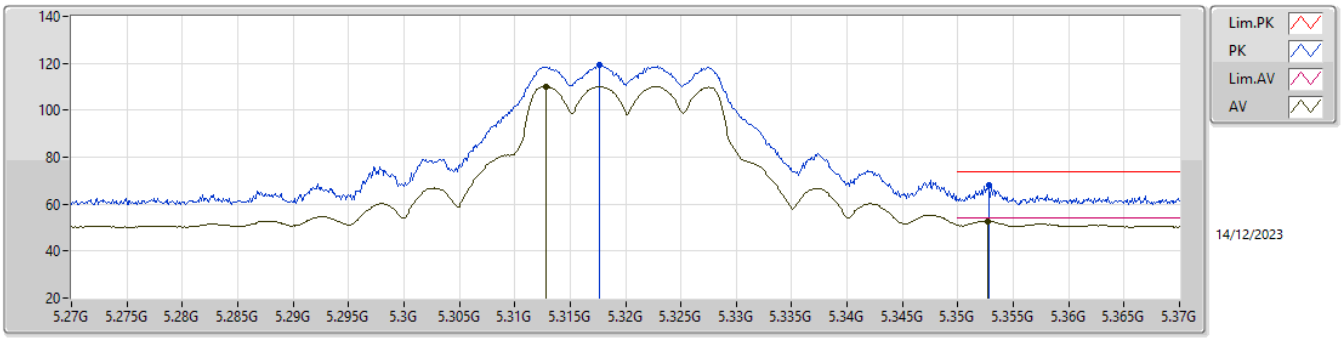


EUT X_2TX
Setting 25
01-K-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5946G	55.36	68.20	-12.84	72.11	3	Horizontal	62	1.80	-	38.39	10.35	65.49
AV	10.60144G	43.14	54.00	-10.86	59.89	3	Horizontal	62	1.80	-	38.40	10.35	65.50
PK	15.89655G	67.53	74.00	-6.47	78.36	3	Horizontal	139	1.80	-	38.68	12.75	62.26
AV	15.90174G	53.82	54.00	-0.18	64.65	3	Horizontal	139	1.80	-	38.69	12.75	62.27

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

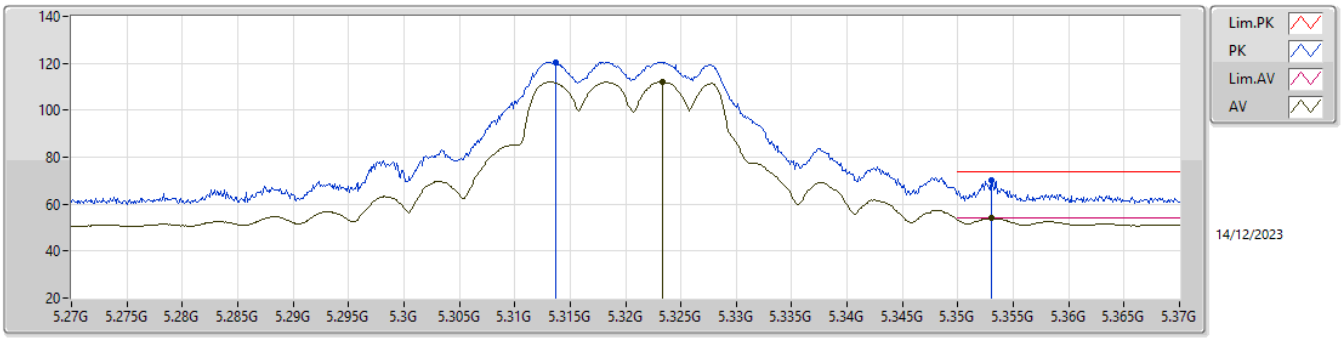


EUT X_2TX
Setting 22
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3176G	119.28	Inf	-Inf	111.68	3	Vertical	349	1.80	-	33.14	7.33	32.87
AV	5.3128G	110.08	Inf	-Inf	102.49	3	Vertical	349	1.80	-	33.13	7.33	32.87
PK	5.3528G	67.87	74.00	-6.13	60.17	3	Vertical	349	1.80	-	33.21	7.35	32.86
AV	5.3527G	52.78	54.00	-1.22	45.08	3	Vertical	349	1.80	-	33.21	7.35	32.86

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

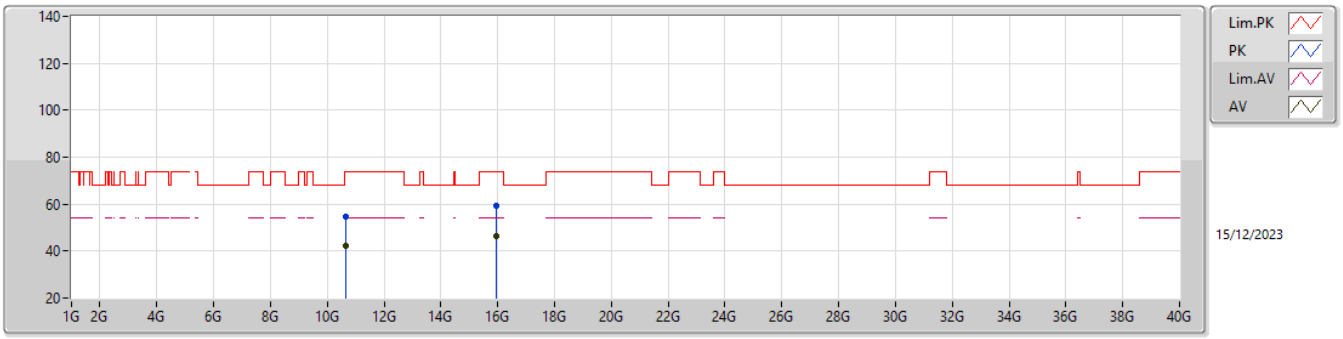


EUT X_2TX
Setting 22
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3137G	120.56	Inf	-Inf	112.97	3	Horizontal	292	2.40	-	33.13	7.33	32.87
AV	5.3233G	112.13	Inf	-Inf	104.51	3	Horizontal	292	2.40	-	33.15	7.34	32.87
PK	5.353G	69.92	74.00	-4.08	62.22	3	Horizontal	292	2.40	-	33.21	7.35	32.86
AV	5.353G	53.95	54.00	-0.05	46.25	3	Horizontal	292	2.40	-	33.21	7.35	32.86

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

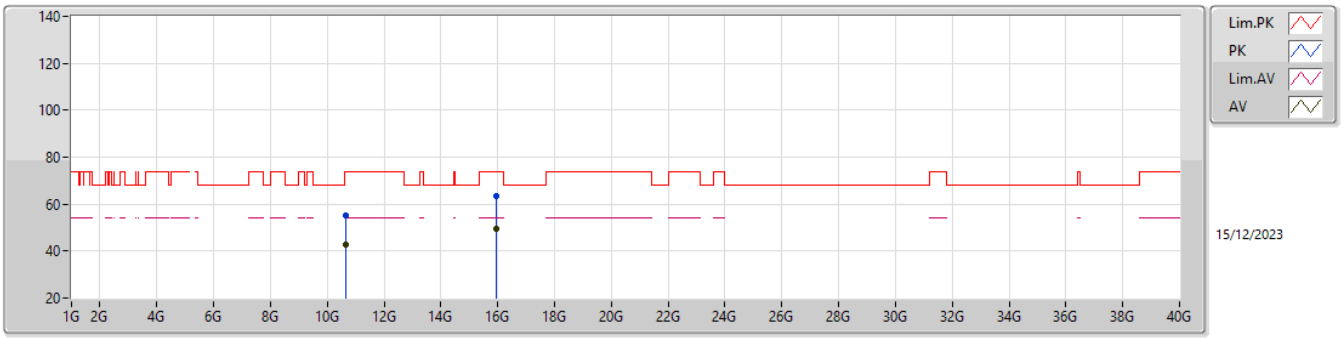


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63915G	54.69	74.00	-19.31	71.37	3	Vertical	0	2.24	-	38.48	10.37	65.53
AV	10.64015G	42.46	54.00	-11.54	59.15	3	Vertical	0	2.24	-	38.48	10.37	65.54
PK	15.9623G	59.27	74.00	-14.73	70.27	3	Vertical	355	1.80	-	38.52	12.78	62.30
AV	15.9626G	46.38	54.00	-7.62	57.37	3	Vertical	355	1.80	-	38.53	12.78	62.30

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

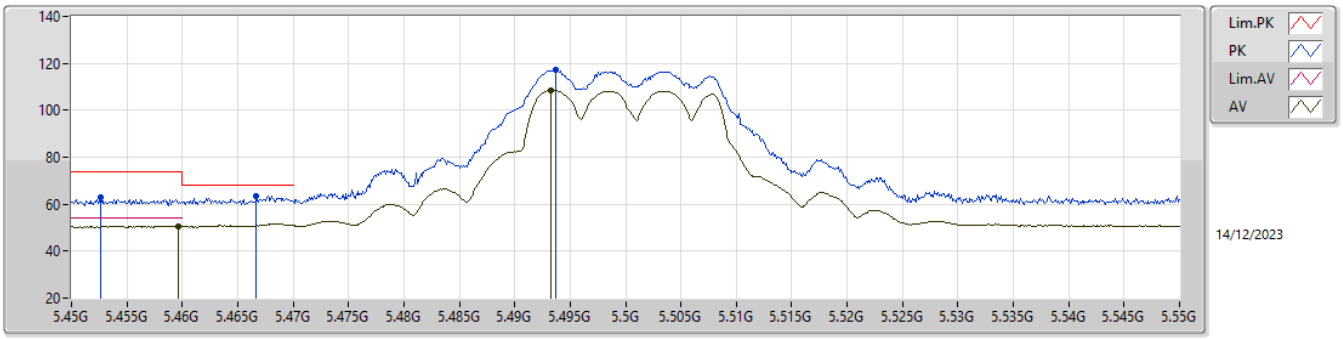


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64105G	55.15	74.00	-18.85	71.84	3	Horizontal	66	1.80	-	38.48	10.37	65.54
AV	10.6418G	42.77	54.00	-11.23	59.46	3	Horizontal	66	1.80	-	38.48	10.37	65.54
PK	15.96125G	63.57	74.00	-10.43	74.57	3	Horizontal	133	1.80	-	38.52	12.78	62.30
AV	15.96155G	49.41	54.00	-4.59	60.41	3	Horizontal	133	1.80	-	38.52	12.78	62.30

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

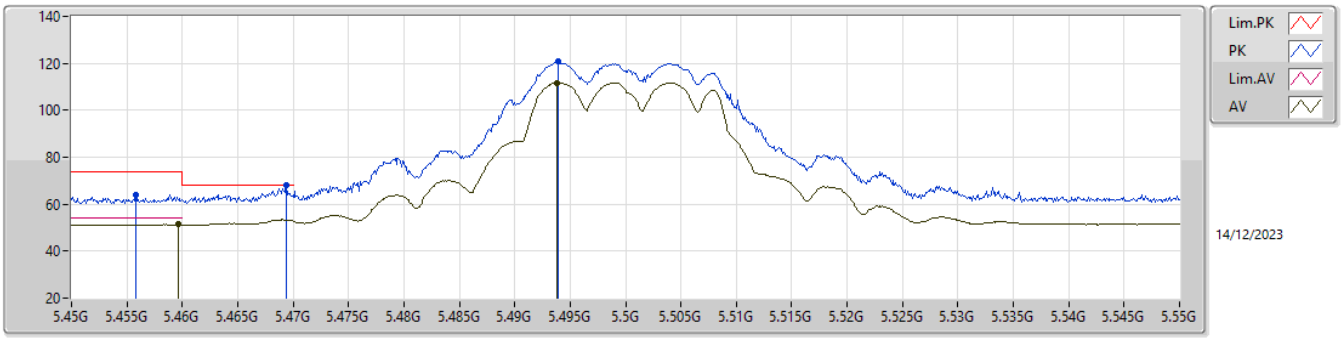


EUT X_2TX
Setting 21
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4526G	62.72	74.00	-11.28	54.63	3	Vertical	348	1.80	-	33.52	7.41	32.84
AV	5.4596G	50.57	54.00	-3.43	42.44	3	Vertical	348	1.80	-	33.56	7.41	32.84
PK	5.4667G	63.43	68.20	-4.77	55.25	3	Vertical	348	1.80	-	33.60	7.42	32.84
PK	5.4937G	117.25	Inf	-Inf	108.88	3	Vertical	348	1.80	-	33.76	7.44	32.83
AV	5.4933G	108.56	Inf	-Inf	100.19	3	Vertical	348	1.80	-	33.76	7.44	32.83

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

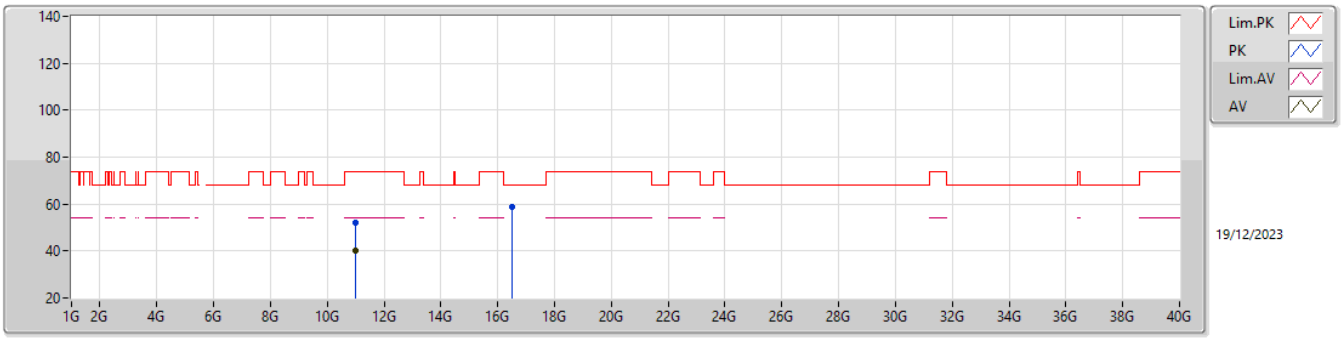


EUT X_2TX
Setting 21
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4558G	64.04	74.00	-9.96	55.94	3	Horizontal	292	2.38	-	33.53	7.41	32.84
AV	5.4596G	51.43	54.00	-2.57	43.30	3	Horizontal	292	2.38	-	33.56	7.41	32.84
PK	5.4694G	67.94	68.20	-0.26	59.74	3	Horizontal	292	2.38	-	33.62	7.42	32.84
PK	5.4939G	120.75	Inf	-Inf	112.38	3	Horizontal	292	2.38	-	33.76	7.44	32.83
AV	5.4938G	111.68	Inf	-Inf	103.31	3	Horizontal	292	2.38	-	33.76	7.44	32.83

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

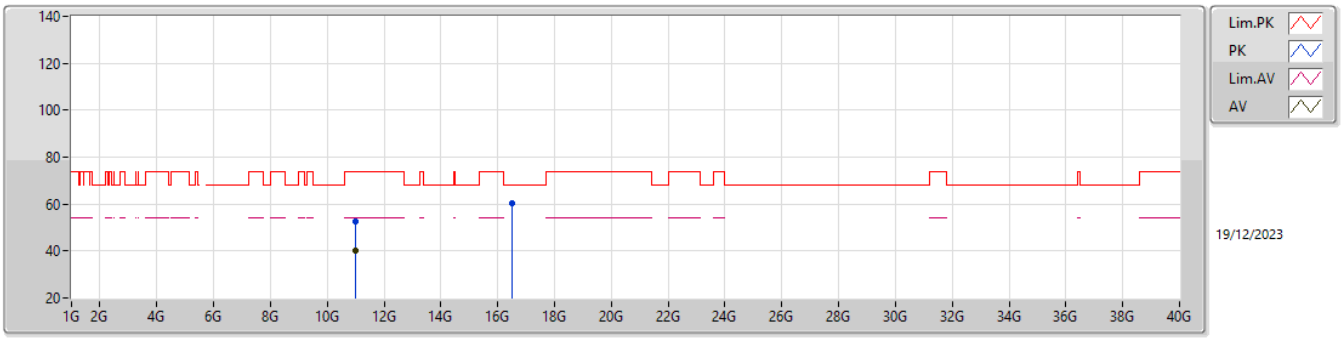


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.98005G	52.04	74.00	-21.96	69.03	3	Vertical	126	1.84	-	38.34	10.56	65.89
AV	11.00045G	39.94	54.00	-14.06	56.98	3	Vertical	126	1.84	-	38.30	10.57	65.91
PK	16.5169G	58.65	68.20	-9.55	67.55	3	Vertical	133	1.09	-	40.20	12.97	62.07

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

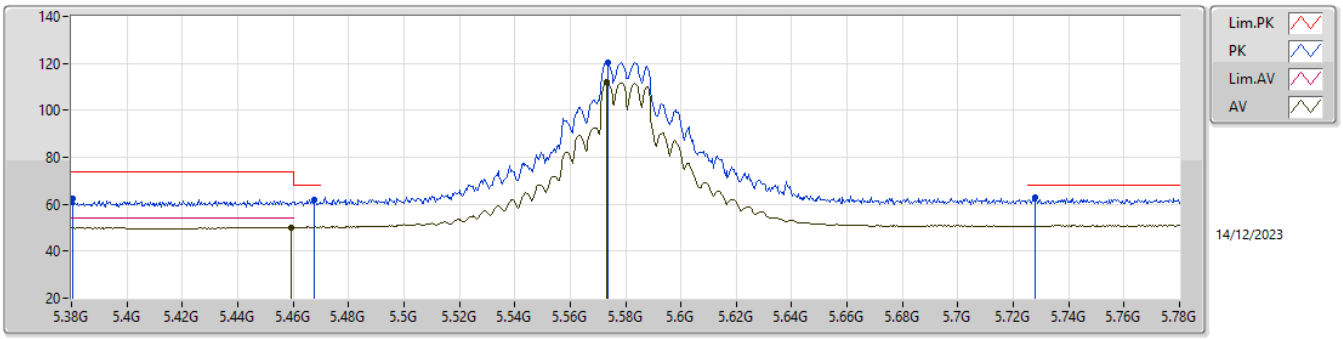


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99605G	52.60	74.00	-21.40	69.63	3	Horizontal	56	1.24	-	38.31	10.57	65.91
AV	11.00025G	40.03	54.00	-13.97	57.07	3	Horizontal	56	1.24	-	38.30	10.57	65.91
PK	16.50935G	60.48	68.20	-7.72	69.37	3	Horizontal	125	1.80	-	40.20	12.97	62.06

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

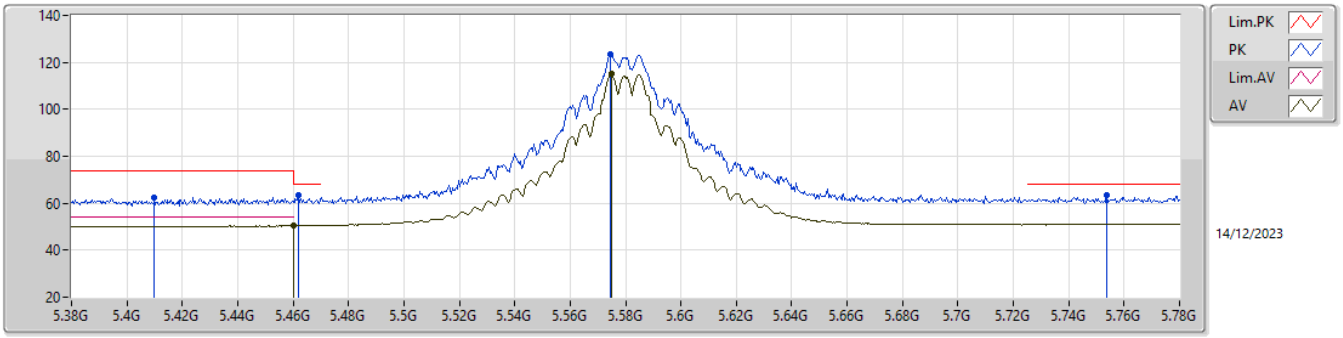


EUT X_2TX
Setting 25
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3804G	62.20	74.00	-11.80	54.43	3	Vertical	351	1.80	-	33.26	7.36	32.85
PK	5.4676G	62.15	68.20	-6.05	53.96	3	Vertical	351	1.80	-	33.61	7.42	32.84
AV	5.4592G	50.20	54.00	-3.80	42.07	3	Vertical	351	1.80	-	33.56	7.41	32.84
PK	5.5736G	120.46	Inf	-Inf	111.82	3	Vertical	351	1.80	-	34.00	7.50	32.86
AV	5.5732G	111.85	Inf	-Inf	103.20	3	Vertical	351	1.80	-	34.00	7.50	32.85
PK	5.728G	62.71	68.20	-5.49	53.95	3	Vertical	351	1.80	-	34.11	7.56	32.91

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

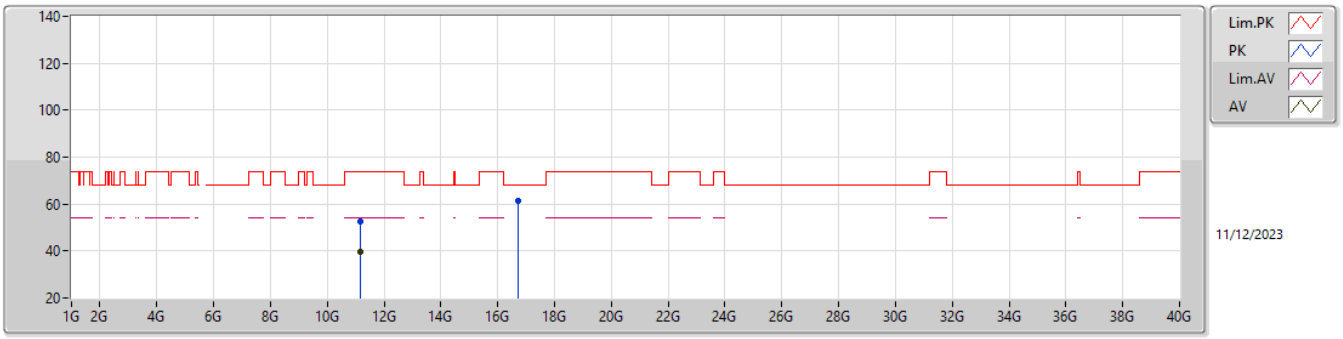


EUT X_2TX
Setting 25
01-K-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.41G	62.39	74.00	-11.61	54.52	3	Horizontal	289	2.59	-	33.34	7.38	32.85
PK	5.462G	63.21	68.20	-4.99	55.06	3	Horizontal	289	2.59	-	33.57	7.42	32.84
AV	5.46G	50.40	54.00	-3.60	42.26	3	Horizontal	289	2.59	-	33.56	7.42	32.84
PK	5.5744G	123.63	Inf	-Inf	114.99	3	Horizontal	289	2.59	-	34.00	7.50	32.86
AV	5.5748G	114.93	Inf	-Inf	106.29	3	Horizontal	289	2.59	-	34.00	7.50	32.86
PK	5.7536G	63.62	68.20	-4.58	54.76	3	Horizontal	289	2.59	-	34.21	7.57	32.92

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

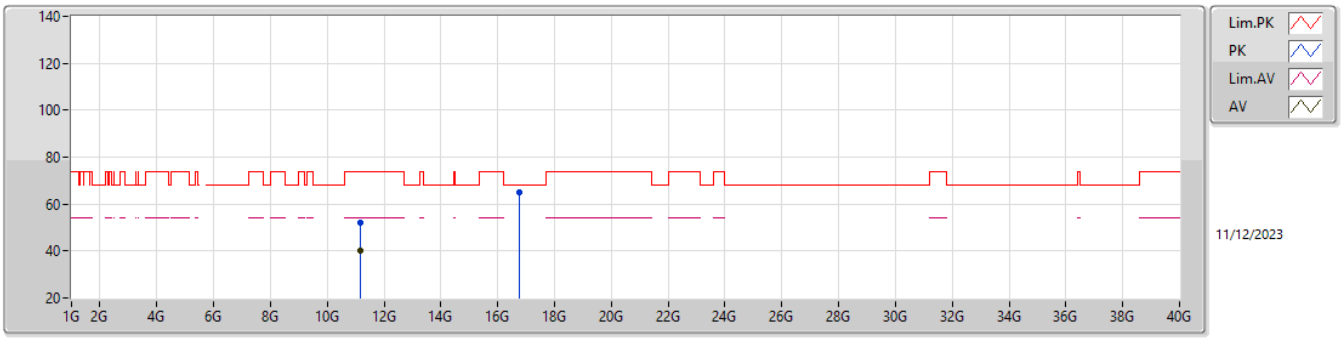


EUT X_2TX
Setting 25
01-K-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15607G	52.46	74.00	-21.54	69.21	3	Vertical	58	1.53	-	38.20	10.66	65.61
AV	11.15763G	39.90	54.00	-14.10	56.65	3	Vertical	58	1.53	-	38.20	10.66	65.61
PK	16.73907G	61.52	68.20	-6.68	70.12	3	Vertical	138	1.69	-	40.50	13.04	62.14

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

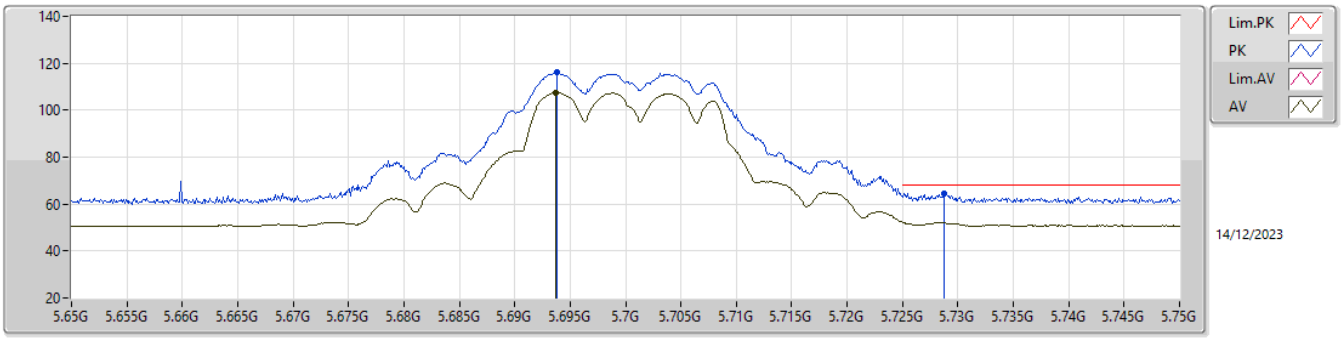


EUT X_2TX
Setting 25
01-K-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16219G	52.28	74.00	-21.72	69.02	3	Horizontal	214	1.80	-	38.20	10.66	65.60
AV	11.15811G	39.97	54.00	-14.03	56.72	3	Horizontal	214	1.80	-	38.20	10.66	65.61
PK	16.74588G	65.09	68.20	-3.11	73.69	3	Horizontal	126	1.80	-	40.50	13.04	62.14

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

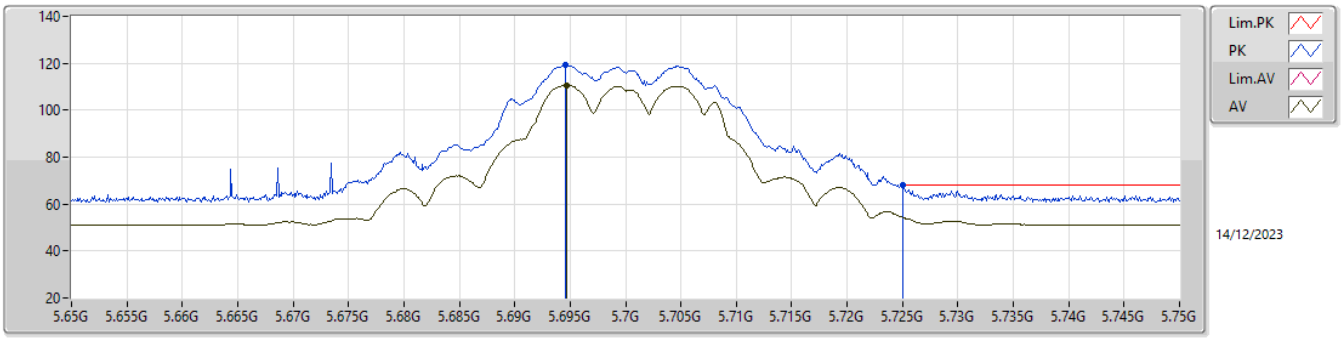


EUT X_2TX
Setting 20.5
01-K-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6938G	116.26	Inf	-Inf	107.62	3	Vertical	351	1.80	-	33.99	7.55	32.90
AV	5.6937G	107.47	Inf	-Inf	98.83	3	Vertical	351	1.80	-	33.99	7.55	32.90
PK	5.7287G	64.72	68.20	-3.48	55.96	3	Vertical	351	1.80	-	34.11	7.56	32.91

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

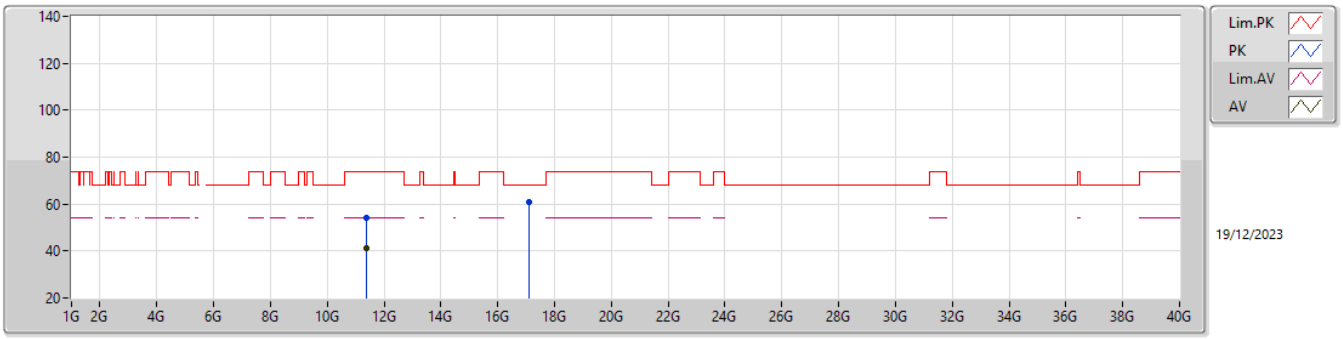


EUT X_2TX
Setting 20.5
01-K-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6946G	119.16	Inf	-Inf	110.52	3	Horizontal	291	2.35	-	33.99	7.55	32.90
AV	5.6947G	110.66	Inf	-Inf	102.02	3	Horizontal	291	2.35	-	33.99	7.55	32.90
PK	5.725G	67.97	68.20	-0.23	59.22	3	Horizontal	291	2.35	-	34.10	7.56	32.91

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

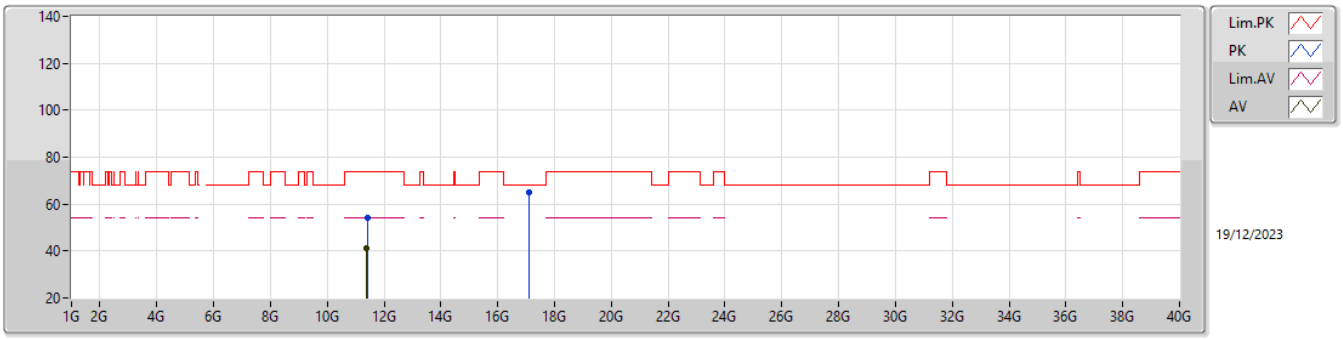


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39235G	54.04	74.00	-19.96	70.01	3	Vertical	360	1.80	-	38.40	10.79	65.16
AV	11.399G	41.13	54.00	-12.87	57.09	3	Vertical	360	1.80	-	38.40	10.79	65.15
PK	17.09795G	60.83	68.20	-7.37	68.33	3	Vertical	144	1.75	-	41.60	13.16	62.26

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

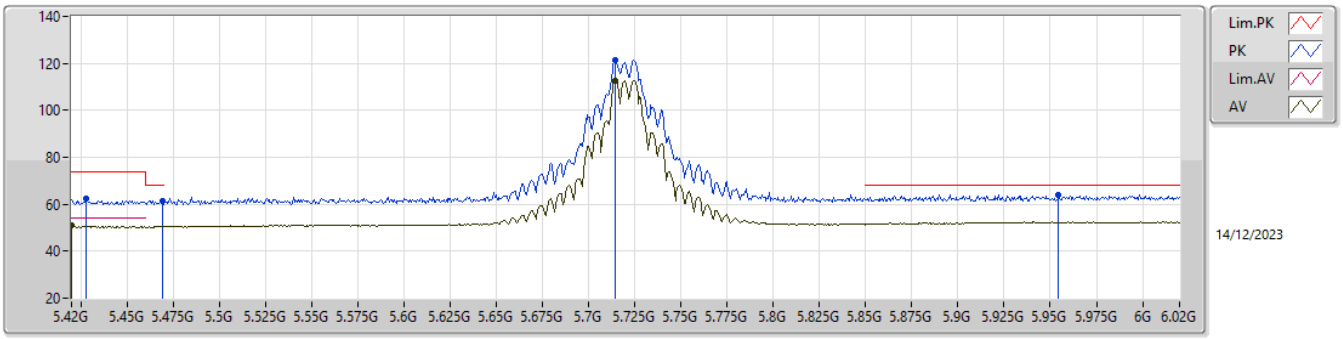


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4132G	54.30	74.00	-19.70	70.22	3	Horizontal	312	1.72	-	38.40	10.80	65.12
AV	11.39985G	41.20	54.00	-12.80	57.16	3	Horizontal	312	1.72	-	38.40	10.79	65.15
PK	17.09055G	64.99	68.20	-3.21	72.52	3	Horizontal	129	1.80	-	41.58	13.15	62.26

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

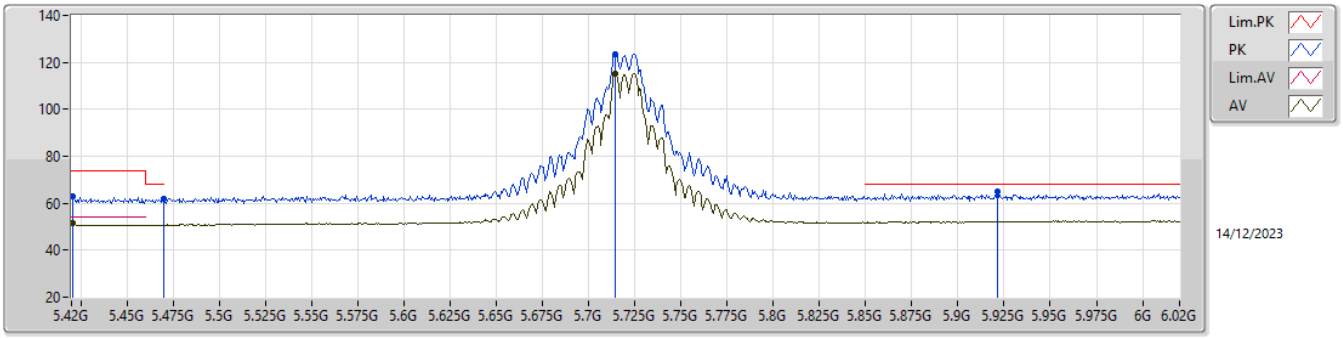


EUT X_2TX
Setting 25
01-K-S-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4278G	62.24	74.00	-11.76	54.28	3	Vertical	350	2.06	-	33.41	7.39	32.84
AV	5.42G	51.01	54.00	-2.99	43.09	3	Vertical	350	2.06	-	33.38	7.39	32.85
PK	5.4692G	61.55	68.20	-6.65	53.35	3	Vertical	350	2.06	-	33.62	7.42	32.84
PK	5.7146G	121.42	Inf	-Inf	112.71	3	Vertical	350	2.06	-	34.06	7.55	32.90
AV	5.7146G	112.77	Inf	-Inf	104.06	3	Vertical	350	2.06	-	34.06	7.55	32.90
PK	5.9546G	63.96	68.20	-4.24	53.98	3	Vertical	350	2.06	-	35.30	7.66	32.98

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

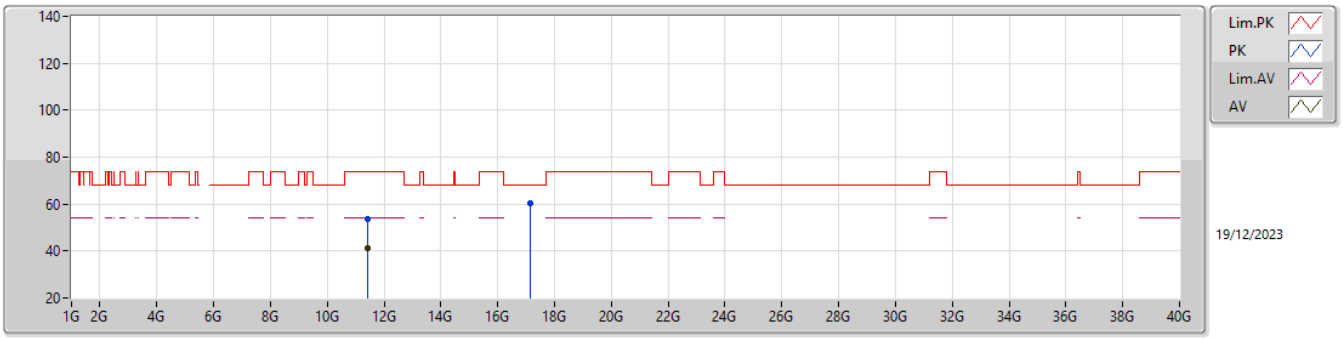


EUT X_2TX
Setting 25
01-K-S-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4206G	62.70	74.00	-11.30	54.78	3	Horizontal	289	2.26	-	33.38	7.39	32.85
AV	5.4206G	51.68	54.00	-2.32	43.76	3	Horizontal	289	2.26	-	33.38	7.39	32.85
PK	5.4698G	61.66	68.20	-6.54	53.46	3	Horizontal	289	2.26	-	33.62	7.42	32.84
PK	5.7146G	123.53	Inf	-Inf	114.82	3	Horizontal	289	2.26	-	34.06	7.55	32.90
AV	5.7146G	115.12	Inf	-Inf	106.41	3	Horizontal	289	2.26	-	34.06	7.55	32.90
PK	5.9216G	65.02	68.20	-3.18	55.22	3	Horizontal	289	2.26	-	35.13	7.64	32.97

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

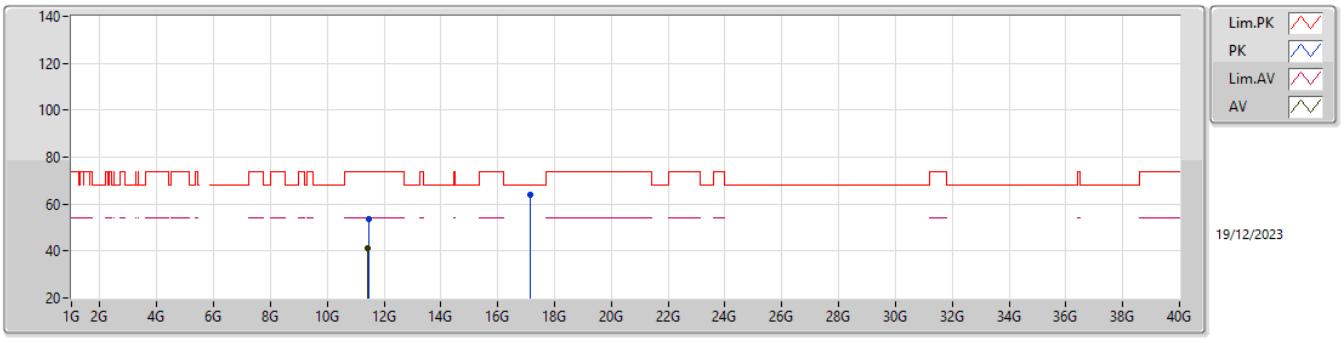


EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.42005G	53.80	74.00	-20.20	69.71	3	Vertical	43	1.80	-	38.40	10.80	65.11
AV	11.4197G	41.15	54.00	-12.85	57.06	3	Vertical	43	1.80	-	38.40	10.80	65.11
PK	17.1585G	60.23	68.20	-7.97	67.64	3	Vertical	139	2.42	-	41.70	13.18	62.29

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



EUT X_2TX
Setting 25
01-K-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4625G	53.40	74.00	-20.60	69.21	3	Horizontal	220	1.80	-	38.40	10.82	65.03
AV	11.4197G	41.11	54.00	-12.89	57.02	3	Horizontal	220	1.80	-	38.40	10.80	65.11
PK	17.1559G	64.00	68.20	-4.20	71.41	3	Horizontal	130	1.78	-	41.70	13.18	62.29