



RADIO TEST REPORT

FCC ID : Z8H89FT0087
Equipment : X7-53X Wi-Fi 7 Indoor Access Point
Brand Name : Cambium Networks
Model Name : X7-53X
Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 25, 2024, and testing was started from Jul. 03, 2024 and completed on May 21, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

 Sam Chen
2025.06.11
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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

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4

Page Number : 3 of 39
Issued Date : Jun. 11, 2025
Report Version : 01



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	Data Referencing
3.3	15.407(a)	Maximum Output Power	PASS	Data Referencing
3.4	15.407(a)	Power Spectral Density	PASS	Data Referencing
3.5	15.407(b)	Unwanted Emissions	PASS	For below 1GHz: Variant Device / FCC ID: Z8H89FT0087 For above 1GHz: Data Referencing

Data Referencing Statement:

This report references test data from the parent device (Original Sporton Report No.: FR462417AB, FCC ID: Z8H89FT0086).

The variant device (FCC ID: Z8H89FT0087) is electrically identical to the parent device for the portions of the circuitry corresponding to the data referencing.

The differences compared to the parent device are as follows:

1. Remove the hardware of the USB Port.
2. Remove the 5GHz high band and 6GHz radio hardware on Radio 4.
3. Add WLAN 5GHz UNII 4 function on Radio 2
4. Don't support mode 2

The parent device supports modes are below:

Mode 1:

Radio 1: WLAN 2.4GHz

Radio 2: WLAN 5GHz UNII 1~3

Radio 3: Bluetooth or Zigbee

Radio 4: WLAN 6GHz UNII 5~8

Mode 2:

Radio 1: WLAN 2.4GHz

Radio 2: WLAN 5GHz UNII 1~2A

Radio 3: Bluetooth or Zigbee

Radio 4: WLAN 5GHz UNII 2C~4

The details of spot-check testing are at the discretion of the applicant's engineering judgment. Accordingly, only the following items were spot-checked on the worst-case channel identified in the original report, and all results are included in this report:

1. Maximum Conducted Output Power
2. Unwanted Emissions

The applicant takes full responsibility that the test data as referenced in FCC ID: Z8H89FT0086 represents compliance with the new FCC ID: Z8H89FT0087.

**Conformity Assessment Condition:**

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

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen**Report Producer: Wendy Pan**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80), be (EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT80-BF	80	4TX
5.15-5.35GHz	802.11ac VHT160	160	4TX
5.15-5.35GHz	802.11ac VHT160-BF	160	4TX
5.15-5.35GHz	802.11ax HEW160	160	4TX
5.15-5.35GHz	802.11ax HEW160-BF	160	4TX
5.15-5.35GHz	802.11be EHT160	160	4TX
5.15-5.35GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.47-5.725GHz	802.11be EHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160-BF	160	4TX



5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80-BF	80	4TX

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)	Modes of Operation
1	1	ACCTON	RFMTA202028IMLB901-1	Dipole	I-PEX	Note 1	WLAN 2.4GHz (Radio 1)
2	2	ACCTON	RFMTA202028IMLB901-2	Dipole	I-PEX		WLAN 2.4GHz (Radio 1)
3	1	ACCTON	RFMTA202028IMLB901-3	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
4	2	ACCTON	RFMTA202028IMLB901-4	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
5	3	ACCTON	RFMTA202028IMLB901-5	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
6	4	ACCTON	RFMTA202028IMLB901-6	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
7	1	ACCTON	GT128V007S-001-1	On board chip	N/A		Bluetooth or Zigbee (Radio 3)

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz (Radio 1)				
	2.4GHz	2.45GHz		2.4835GHz	
1	5.18	5.54		4.85	
2	4.30	4.91		4.16	
Ant.	WLAN 5GHz UNII 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
	3	4.53	4.73	5.43	5.95
4	4.42	4.45	5.71	4.41	4.4
5	4.41	4.77	3.91	3.44	3.28
6	4.30	4.6	3.73	4.00	4.35
Bluetooth or Zigbee (Radio 3)					
7	4.3				



Item	Directional Gain (dBi)				
	WLAN 2.4GHz (Radio 1)				
	2.4GHz	2.45GHz		2.4835GHz	
2T1S	6.91	6.86		6.04	
2T2S	5.18	5.54		4.85	
Item	WLAN 5GHz UNII 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
4T1S	8.62	9.31	9.18	8.43	8.05
4T2S	5.62	6.31	6.18	5.95	5.05
4T4S	4.53	4.77	5.71	5.95	4.4

Note 2: The above information (excepting Ant. 1-6 antenna gain and directional gain) was declared by manufacturer.

Note 3: Radio 1~2: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For Bluetooth or Zigbee mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20	0.978	0.1	5.456m	200
802.11be EHT20-BF	0.978	0.1	5.456m	200
802.11be EHT40	0.985	0.07	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF	0.985	0.07	5.456m	10Hz (DC>=0.98)
802.11be EHT80	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT80-BF	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT160	0.977	0.1	5.456m	200
802.11be EHT160-BF	0.977	0.1	5.456m	200

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	Power from PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for Radio 1 (n/VHT/ax/be in 2.4GHz) and Radio 2 (n/ac/ax/be in 5GHz)			
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 Static Puncturing		
	☐	Supported Dynamic Puncturing		
	☒	Unsupported		
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	V6.00.00164.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

Function Radio	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Zigbee
1	V	-	-	-
2	-	V (UNII 1-4)	-	-
3	-	-	V	V

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz + R2: 5GHz + R3: Bluetooth
2	R1: 2.4GHz + R2: 5GHz + R3: Zigbee

Note1: The R means Radio.

Note2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 662911 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	TH02-CB	KJ Chang	22.8~24.8 / 61~63	Jul. 03, 2024~ Dec. 30, 2024
Radiated (Below 1GHz)	03CH06-CB	Viola Huang	22.5-22.9 / 58-60	Apr. 30, 2025
Radiated (Above 1GHz) For UNII 1/3	03CH02-CB	Gordon Hung	21.9-22.9 / 56-60	Dec. 07, 2024~ Jan. 06, 2025
	03CH03-CB		21.4-22.3 / 55-58	
Radiated (Above 1GHz) For UNII 2A/2C	03CH02-CB	Gordon Hung	21.9-22.9 / 56-60	Dec. 27, 2024~ Dec. 30, 2024
	03CH03-CB		21.4-22.3 / 55-58	
AC Conduction	CO01-CB	Joe Chu	21~22 / 52~53	Dec. 25, 2024
Spot Check	TH02-CB	Chris Li	23.4~24.2 / 61~65	May 06, 2025
	03CH04-CB	Viola Huang	22.5-22.9 / 58-60	Apr. 11, 2025~ Apr. 25, 2025

Note: The tested sample for AC Conduction, Radiated (Below 1GHz) and Spot Check tests was received on Dec. 25, 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)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 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	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For UNII 1 and UNII 3

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
5775MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX



RADIO TEST REPORT

Report No. : FR462417-02AB

Mode
5210MHz
5775MHz

**For UNII 2A ~ UNII 2C**

Mode
802.11a_Nss1,(6Mbps)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT20_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz



Mode
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are 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	Normal Link
1	EUT_R1: 2.4GHz + R2: 5GHz + R3: Bluetooth + PoE
2	EUT_R1: 2.4GHz + R2: 5GHz + R3: Zigbee(TX) + PoE
3	EUT_R1: 2.4GHz + R2: 5GHz + R3: Zigbee(RX) + PoE
For operating mode 3 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

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
	1. After evaluating, EUT in Z axis was the worst case for Bluetooth and Y axis for others from radiated emission above 1GHz, so the measurement will follow this same test configuration. 2. The EUT was performed Radio 1~3 test and the worst case was found at Radio 1. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + R1: 2.4GHz + PoE
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case was found as below. So the measurement will follow this same test configuration.
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1: 2.4GHz + R2: 5GHz + R3: Bluetooth
2	R1: 2.4GHz + R2: 5GHz + R3: Zigbee
Refer to Sporton Test Report No.: FA462417-02 for Co-location RF Exposure Evaluation.	

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

Power	Brand	Model
PoE	Cambium	NET-P30-56IN

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Wall-mounted rack 1*1
Wall-mounted rack 2*1



2.5 Support Equipment

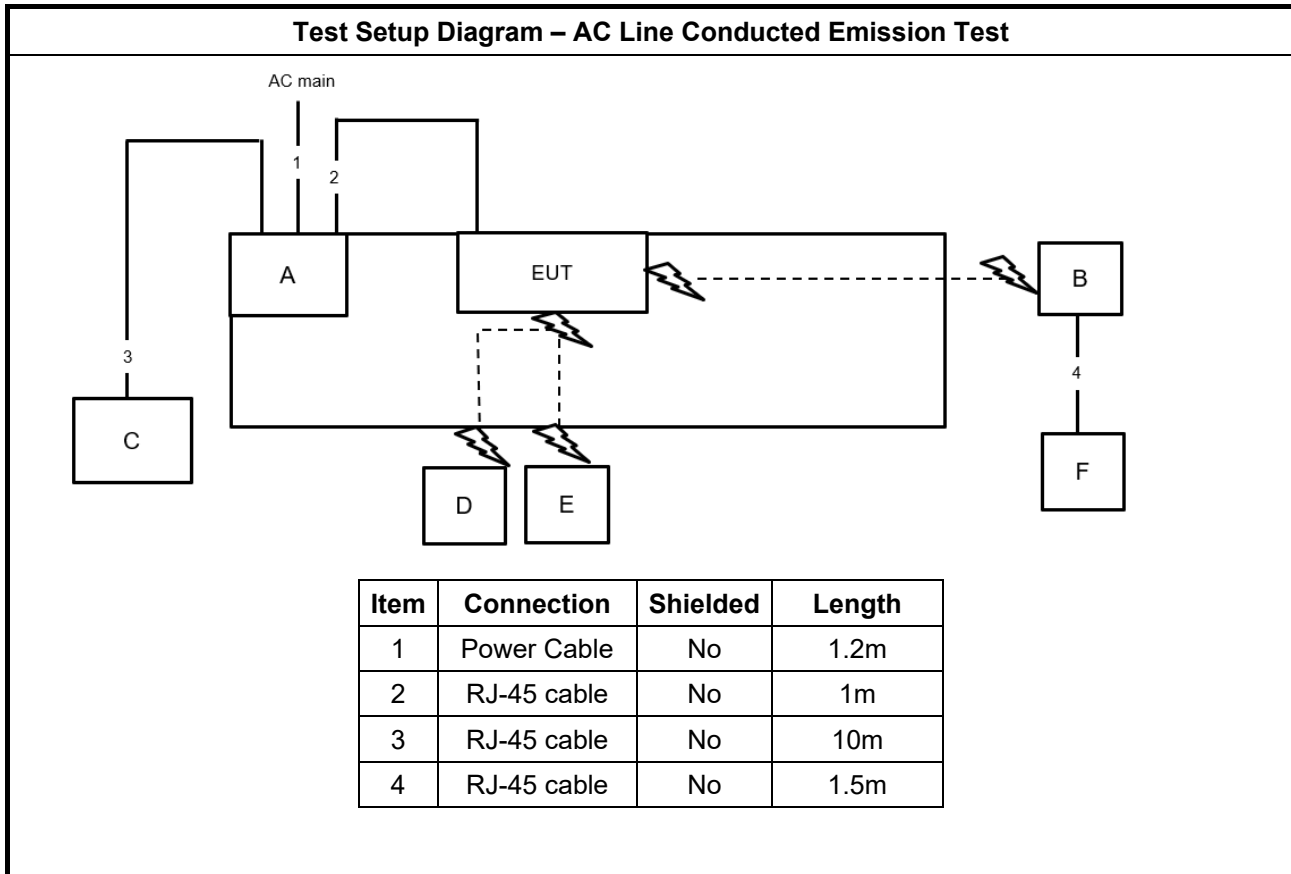
For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P30-56IN	N/A
B	Zigbee device	Cambium	X7-53X	Z8H89FT0087
C	LAN PC	ASUS	S300TA	TX2-RTL8821C
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	Zigbee device PC	ASUS	S300TA	TX2-RTL8821C

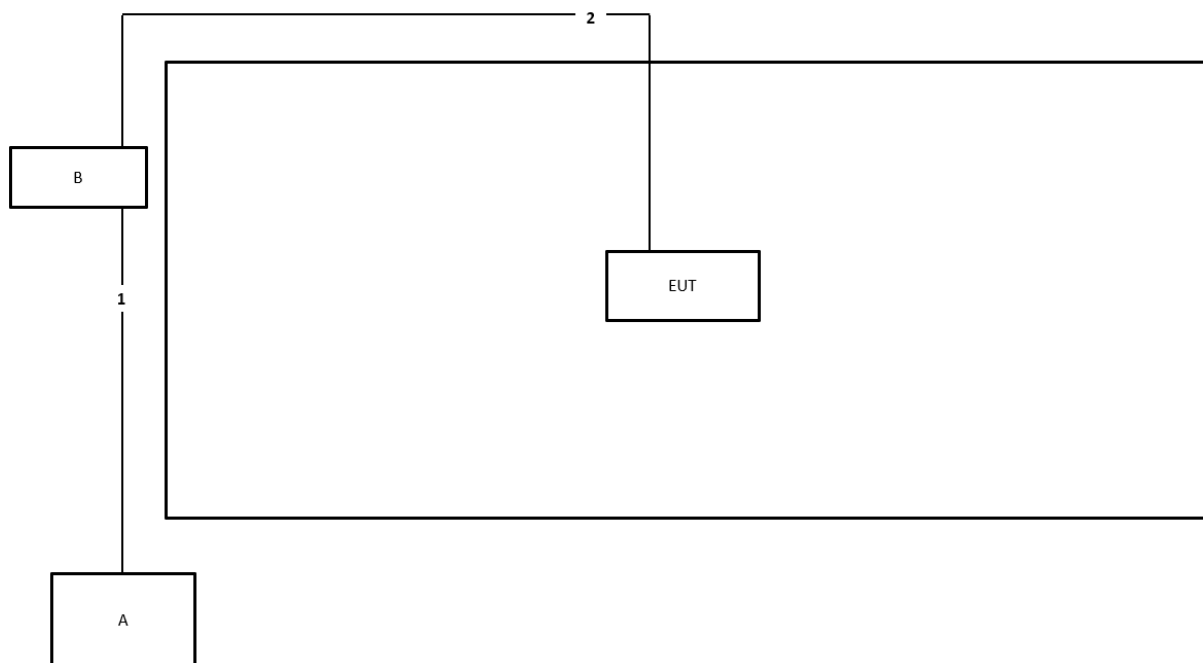
For Radiated, RF Conducted and Spot check:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

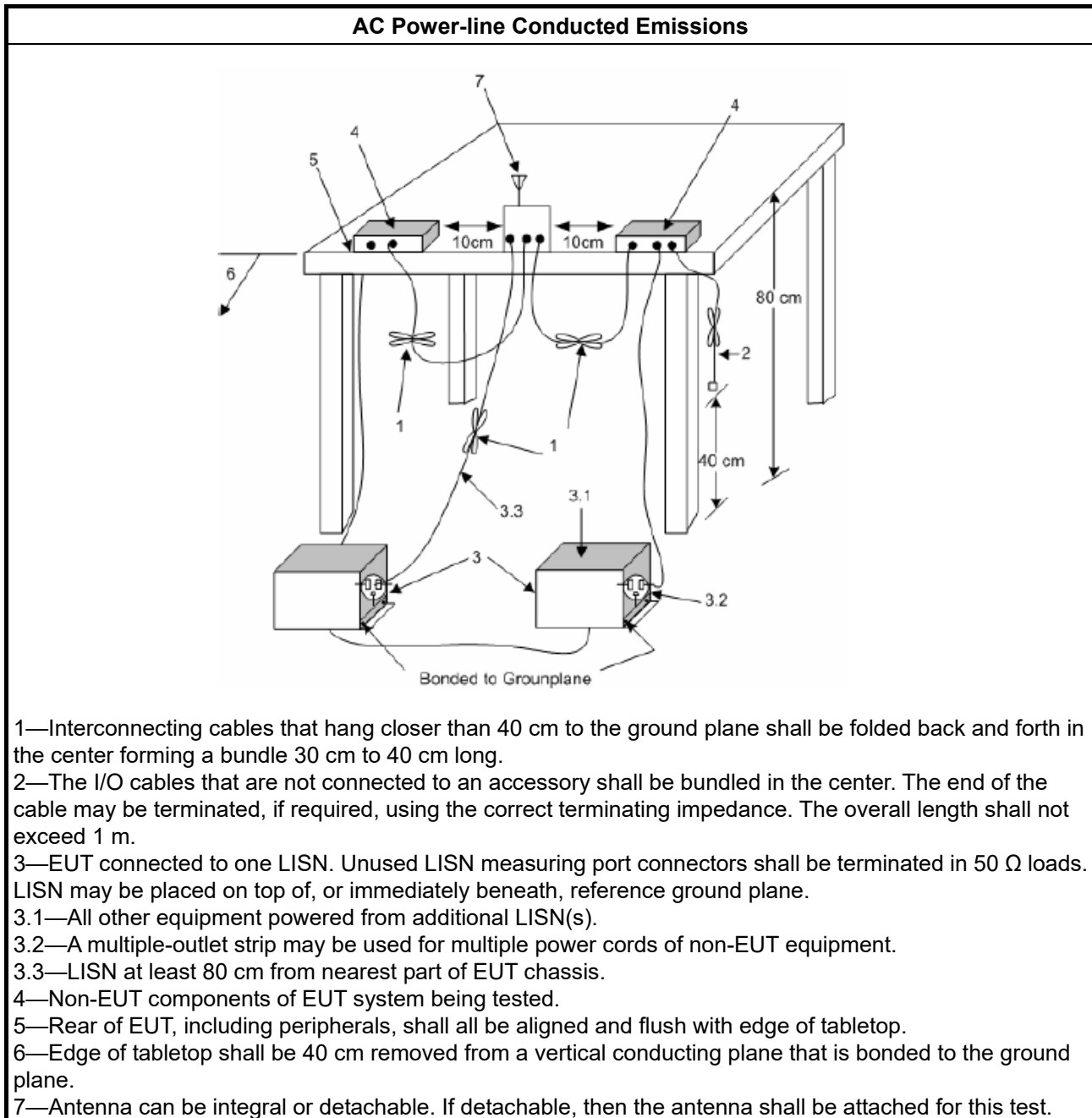
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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 $\geq 500\text{kHz}$.
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 $\geq 500\text{kHz}$.

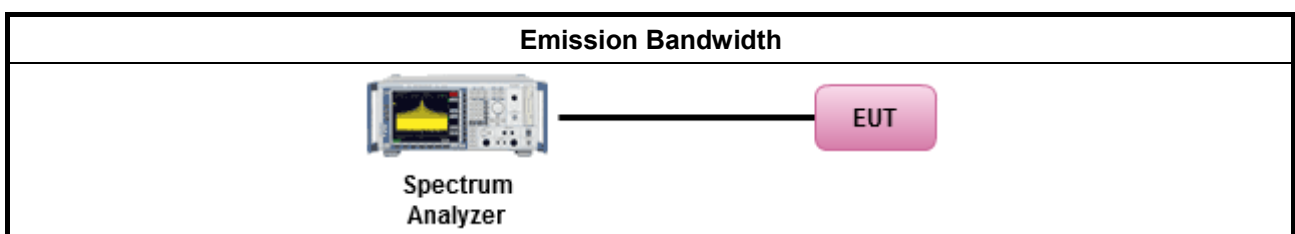
3.2.2 Measuring Instruments

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



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:	
	- For other devices: 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. - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band:	
	- For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and 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 - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 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 conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and 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

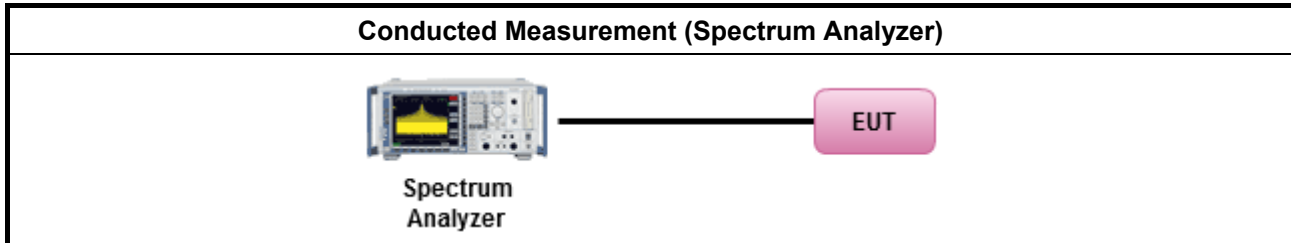
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

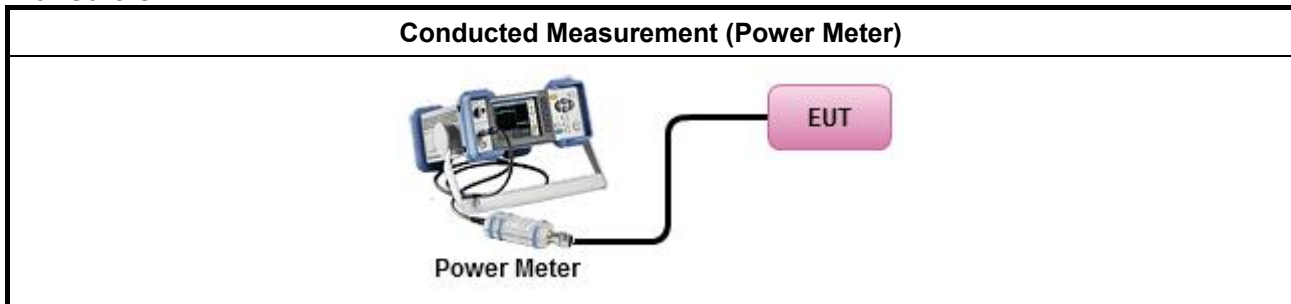
Test Method	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (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 channel



For Others



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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

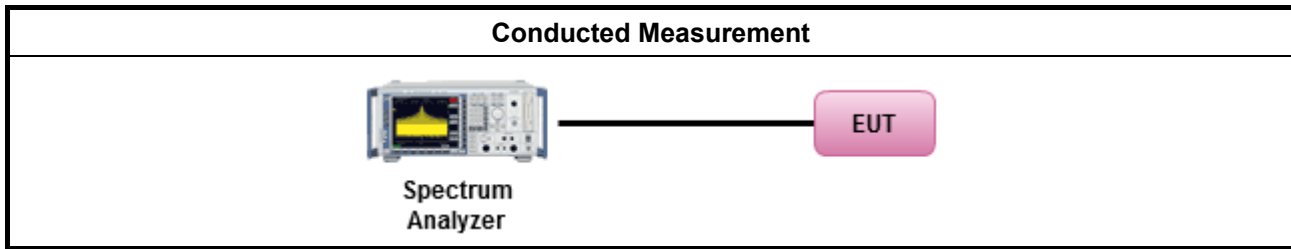
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

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

3.4.4 Test Setup



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).



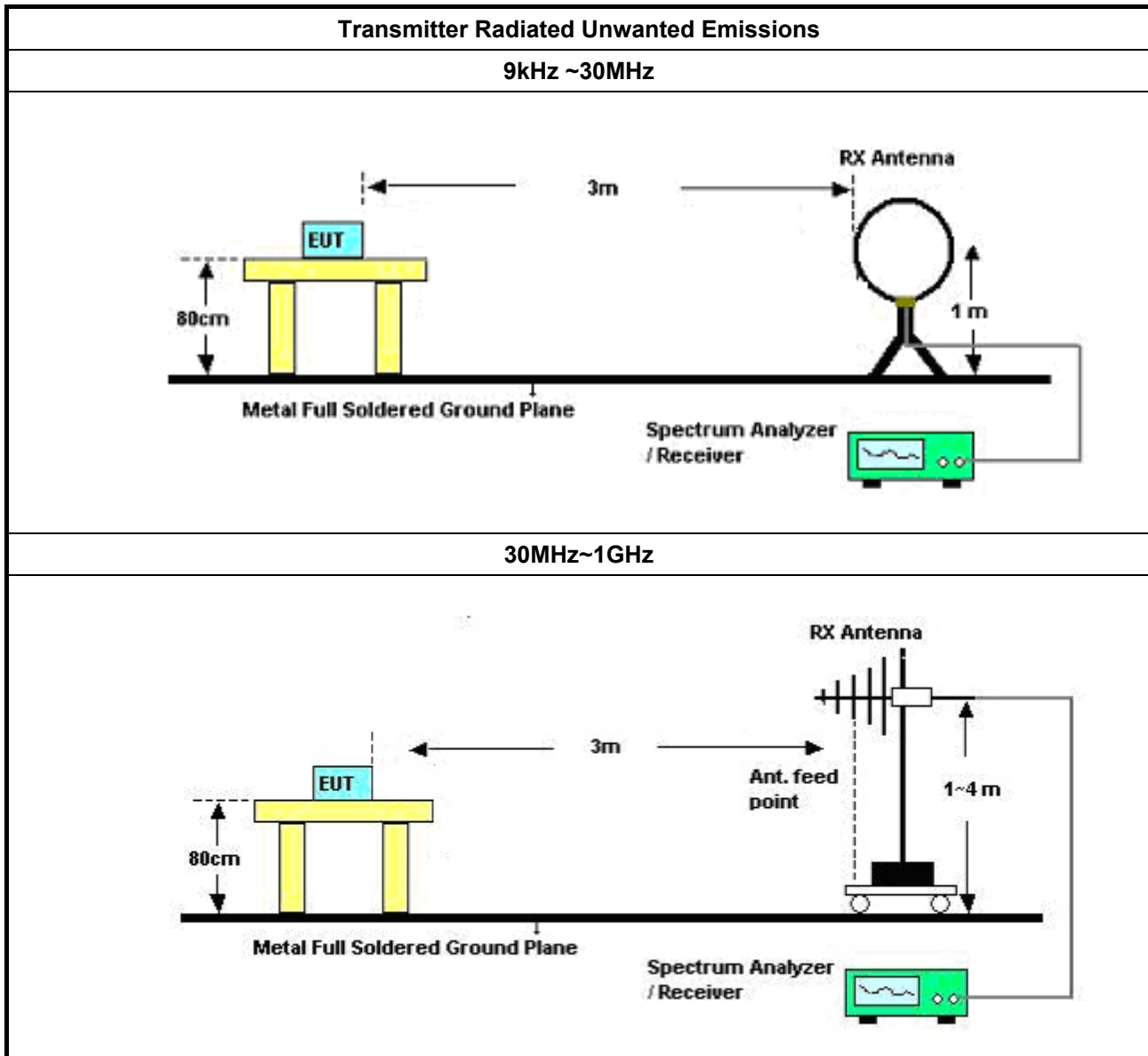
3.5.2 Measuring Instruments

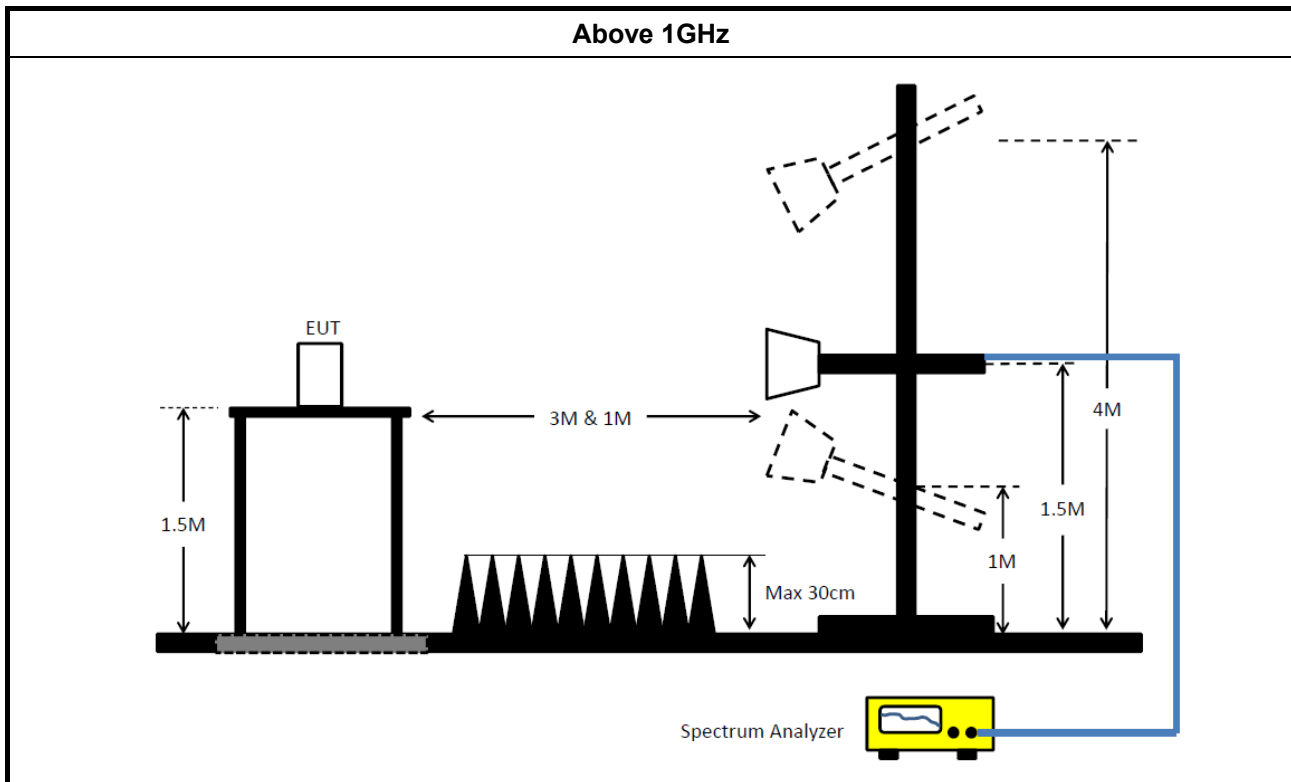
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 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 $\geq$ 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





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	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMC	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Oct. 24, 2024	Oct. 23, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~ 18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.



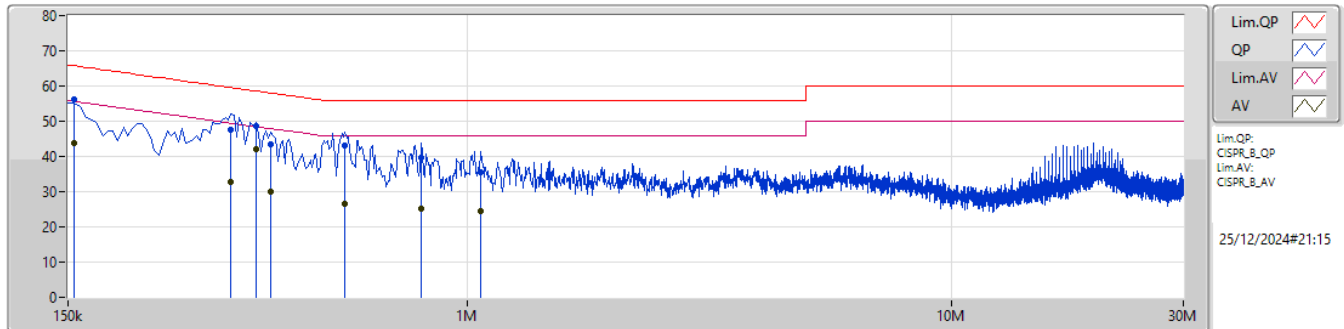
Conducted Emissions at Powerline
Variant Device / FCC ID: Z8H89FT0087

Appendix A

Summary

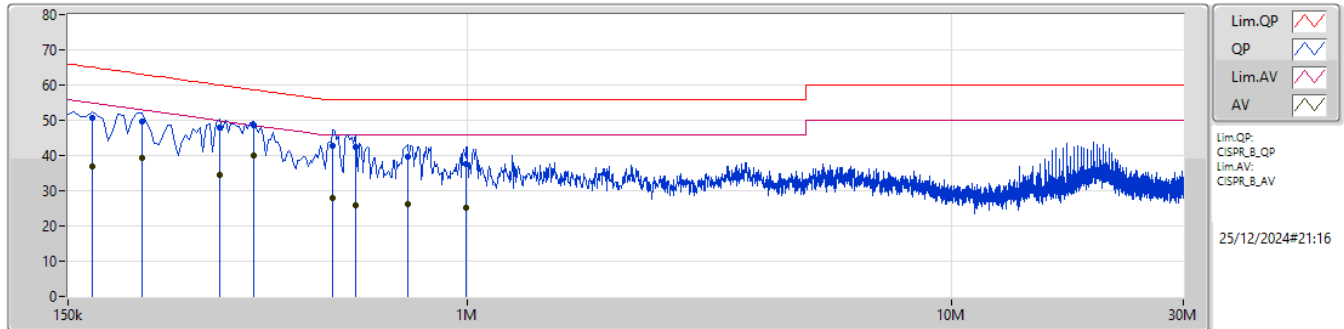
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	366k	42.05	48.60	-6.55	Line

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	56.33	65.75	-9.42	10.04	Line	-	46.29	0.04	0.08	9.92						
AV	154.5k	43.89	55.75	-11.86	10.04	Line	-	33.85	0.04	0.08	9.92						
QP	325.5k	47.69	59.56	-11.87	10.17	Line	-	37.52	0.05	0.09	10.03						
AV	325.5k	32.82	49.56	-16.74	10.17	Line	-	22.65	0.05	0.09	10.03						
QP	366k	48.74	58.60	-9.86	10.20	Line	-	38.54	0.05	0.10	10.05						
AV	366k	42.05	48.60	-6.55	10.20	Line	"Worst"	31.85	0.05	0.10	10.05						
QP	393k	43.35	58.01	-14.66	10.21	Line	-	33.14	0.05	0.10	10.06						
AV	393k	30.06	48.01	-17.95	10.21	Line	-	19.85	0.05	0.10	10.06						
QP	559.5k	43.15	56.00	-12.85	10.26	Line	-	32.89	0.06	0.10	10.10						
AV	559.5k	26.69	46.00	-19.31	10.26	Line	-	16.43	0.06	0.10	10.10						
QP	802.5k	39.69	56.00	-16.31	10.30	Line	-	29.39	0.07	0.09	10.14						
AV	802.5k	25.21	46.00	-20.79	10.30	Line	-	14.91	0.07	0.09	10.14						
QP	1.068M	35.47	56.00	-20.53	10.30	Line	-	25.17	0.07	0.09	10.14						
AV	1.068M	24.40	46.00	-21.60	10.30	Line	-	14.10	0.07	0.09	10.14						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	50.79	65.06	-14.27	10.07	Neutral	-	40.72	0.06	0.08	9.93						
AV	168k	36.85	55.06	-18.21	10.07	Neutral	-	26.78	0.06	0.08	9.93						
QP	213k	49.78	63.09	-13.31	10.09	Neutral	-	39.69	0.06	0.07	9.96						
AV	213k	39.29	53.09	-13.80	10.09	Neutral	-	29.20	0.06	0.07	9.96						
QP	307.5k	47.99	60.03	-12.04	10.17	Neutral	-	37.82	0.06	0.09	10.02						
AV	307.5k	34.63	50.03	-15.40	10.17	Neutral	-	24.46	0.06	0.09	10.02						
QP	361.5k	48.47	58.70	-10.23	10.20	Neutral	-	38.27	0.06	0.10	10.04						
AV	361.5k	39.95	48.70	-8.75	10.20	Neutral	"Worst"	29.75	0.06	0.10	10.04						
QP	528k	42.78	56.00	-13.22	10.26	Neutral	-	32.52	0.07	0.10	10.09						
AV	528k	27.87	46.00	-18.13	10.26	Neutral	-	17.61	0.07	0.10	10.09						
QP	586.5k	42.37	56.00	-13.63	10.27	Neutral	-	32.10	0.07	0.10	10.10						
AV	586.5k	25.79	46.00	-20.21	10.27	Neutral	-	15.52	0.07	0.10	10.10						
QP	753k	39.60	56.00	-16.40	10.29	Neutral	-	29.31	0.07	0.09	10.13						
AV	753k	26.34	46.00	-19.66	10.29	Neutral	-	16.05	0.07	0.09	10.13						
QP	996k	37.42	56.00	-18.58	10.33	Neutral	-	27.09	0.08	0.09	10.16						
AV	996k	25.07	46.00	-20.93	10.33	Neutral	-	14.74	0.08	0.09	10.16						



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.495M	16.795M	16M8D1D	21.23M	16.593M
802.11be EHT20_Nss1,(MCS0)_4TX	22.605M	19.148M	19M1D1D	20.515M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	44.99M	38.095M	38M1D1D	39.71M	37.873M
802.11be EHT80_Nss1,(MCS0)_4TX	86.46M	77.767M	77M8D1D	82.06M	77.425M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.555M	28.918M	28M9D1D	16.28M	16.77M
802.11be EHT20_Nss1,(MCS0)_4TX	19.14M	28.47M	28M5D1D	19.085M	19.052M
802.11be EHT40_Nss1,(MCS0)_4TX	38.28M	57.516M	57M5D1D	38.06M	38.117M
802.11be EHT80_Nss1,(MCS0)_4TX	78.32M	77.806M	77M8D1D	78.1M	77.22M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.89M	16.735M	21.945M	16.627M	22.495M	16.789M	22.165M	16.68M
5200MHz	Pass	Inf	22.22M	16.731M	22.33M	16.747M	21.23M	16.6M	22.44M	16.709M
5240MHz	Pass	Inf	21.56M	16.683M	22.44M	16.719M	22.275M	16.795M	21.56M	16.593M
5745MHz	Pass	500k	16.5M	17.114M	16.5M	18.847M	16.28M	16.77M	16.5M	18.319M
5785MHz	Pass	500k	16.555M	26.838M	16.5M	24.762M	16.5M	22.028M	16.555M	20.435M
5825MHz	Pass	500k	16.445M	22.89M	16.5M	28.918M	16.5M	20.906M	16.445M	19.385M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.275M	19.001M	22.385M	19.145M	22.165M	19.055M	22M	19.042M
5200MHz	Pass	Inf	22.22M	18.991M	22.165M	19.047M	22.605M	19.148M	22.385M	18.966M
5240MHz	Pass	Inf	21.285M	18.997M	21.45M	19.004M	20.79M	19.069M	20.515M	19.038M
5745MHz	Pass	500k	19.085M	19.085M	19.085M	19.217M	19.085M	19.052M	19.14M	19.335M
5785MHz	Pass	500k	19.085M	27.462M	19.085M	28.234M	19.14M	22.362M	19.085M	21.315M
5825MHz	Pass	500k	19.14M	25.777M	19.14M	28.47M	19.085M	22.239M	19.085M	20.381M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.71M	37.921M	40.92M	37.876M	44.99M	37.957M	41.36M	37.995M
5230MHz	Pass	Inf	41.91M	37.873M	43.12M	37.966M	41.69M	38.095M	42.35M	37.957M
5755MHz	Pass	500k	38.17M	38.117M	38.17M	38.514M	38.17M	38.234M	38.17M	38.221M
5795MHz	Pass	500k	38.17M	55.576M	38.28M	57.516M	38.17M	43.308M	38.06M	40.884M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.46M	77.767M	82.06M	77.503M	86.02M	77.757M	84.92M	77.425M
5775MHz	Pass	500k	78.1M	77.806M	78.1M	77.22M	78.1M	77.341M	78.32M	77.3M

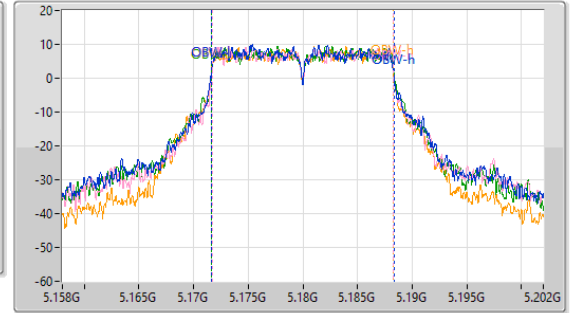
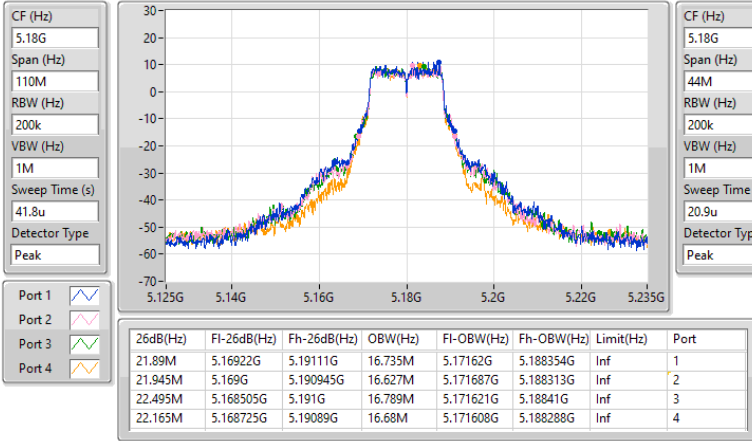
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

04/01/2025

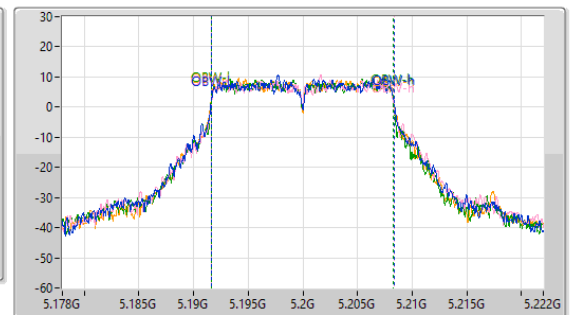
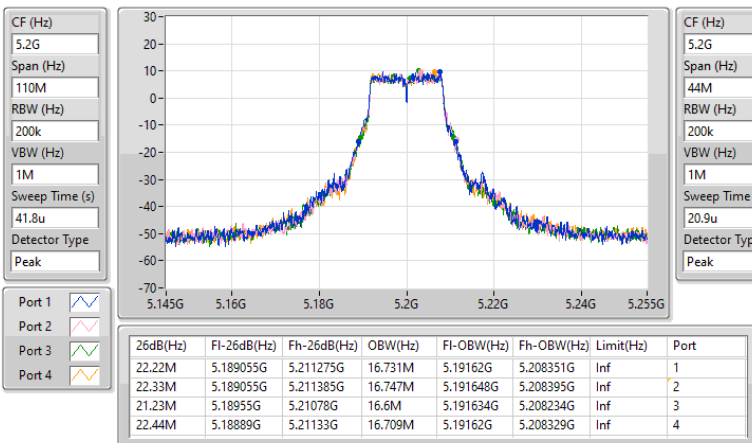


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

04/01/2025

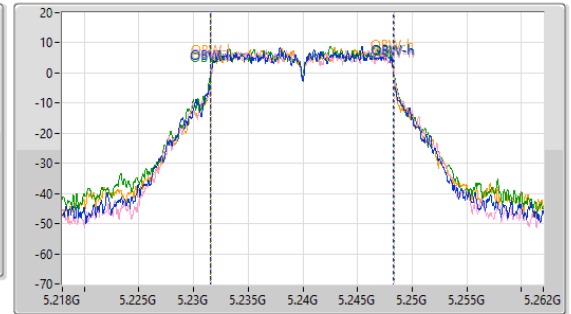
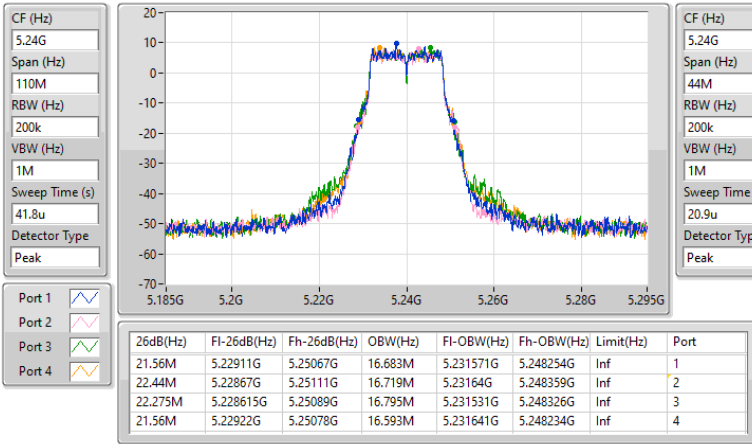


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

04/01/2025

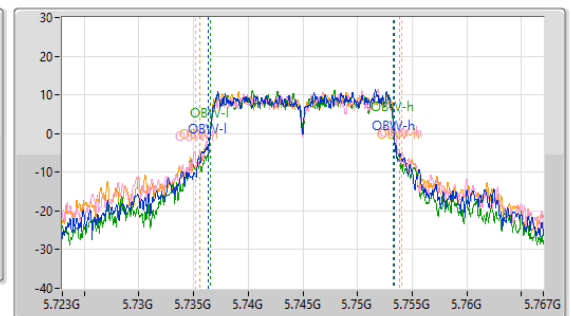
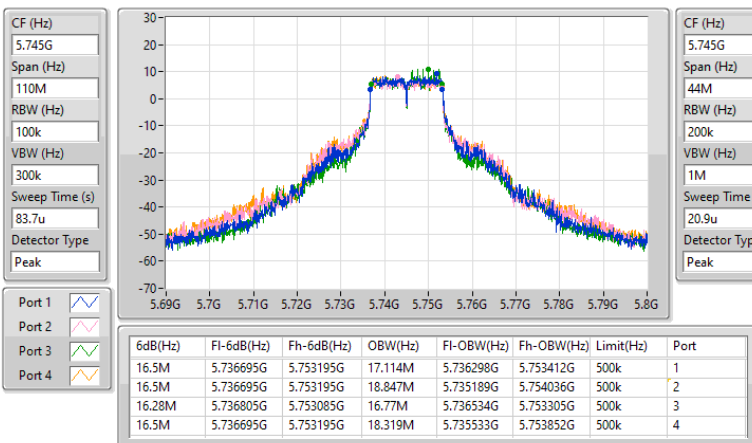


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

04/01/2025

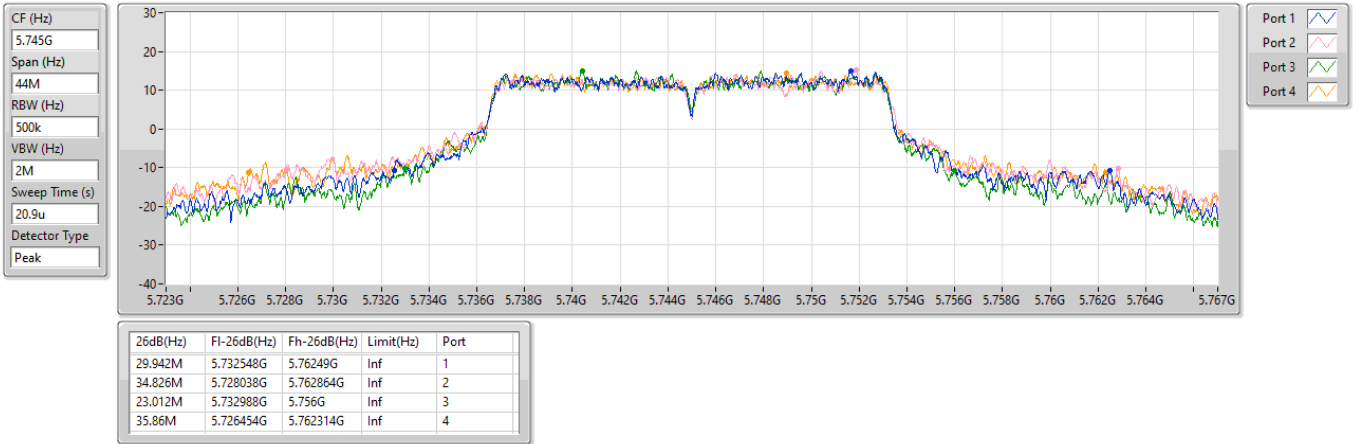


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

04/01/2025

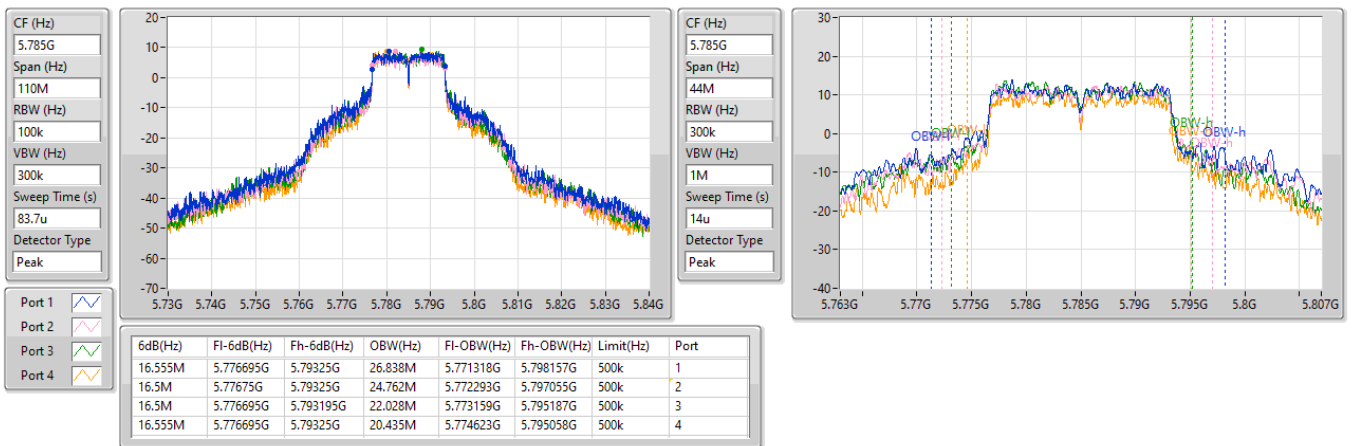


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

04/01/2025

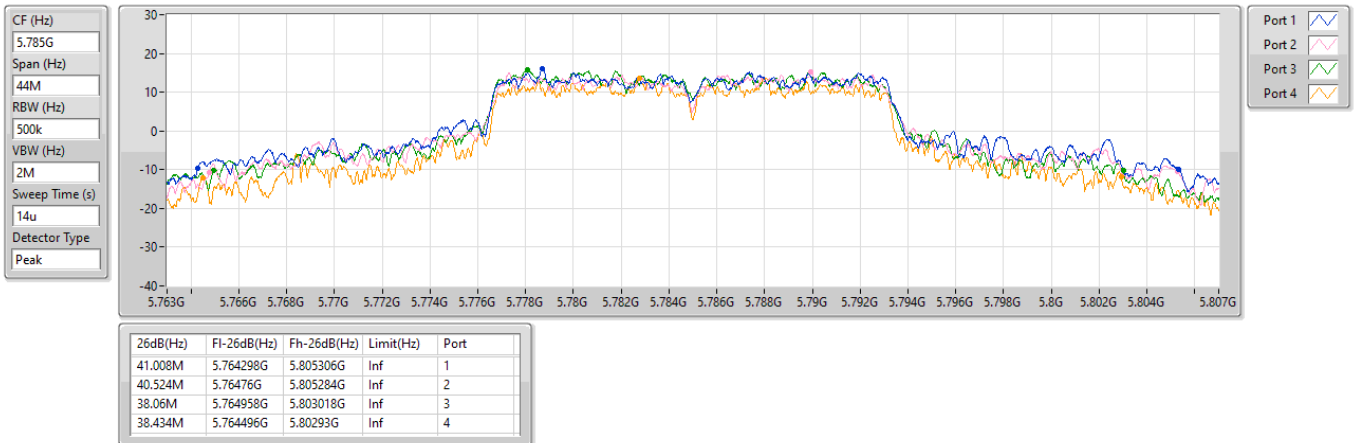


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

04/01/2025

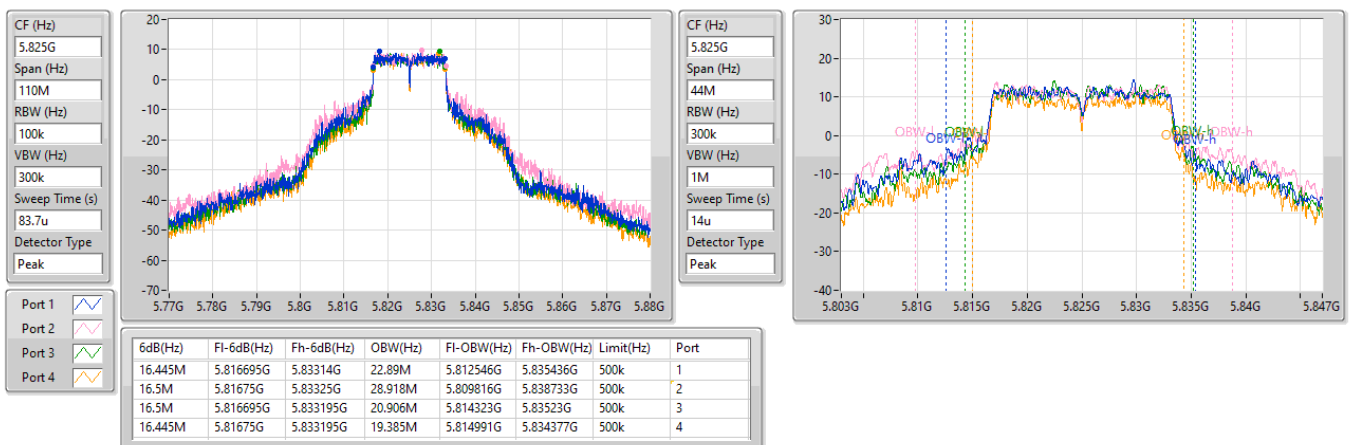


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

04/01/2025

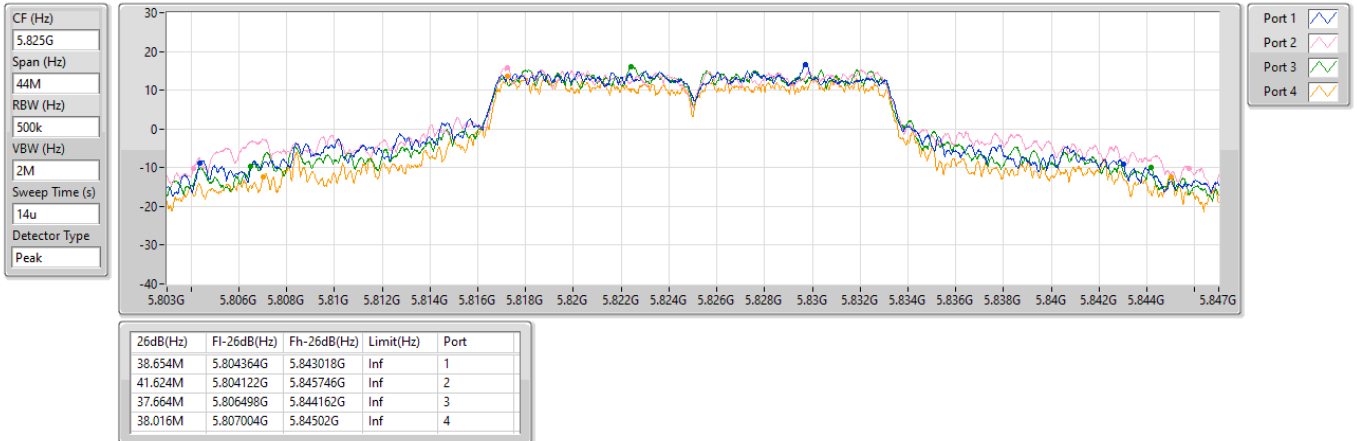


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

04/01/2025

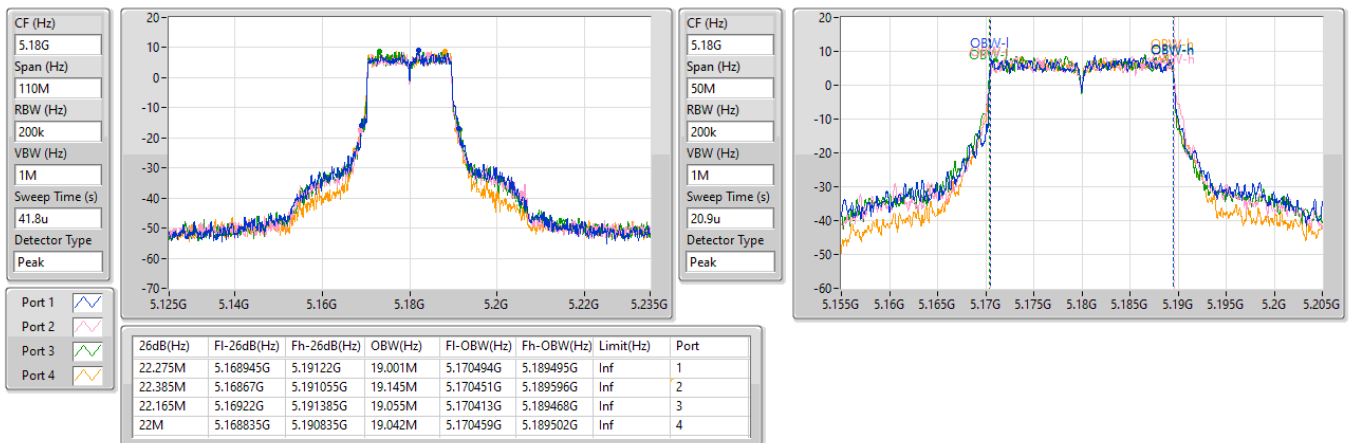


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

04/01/2025

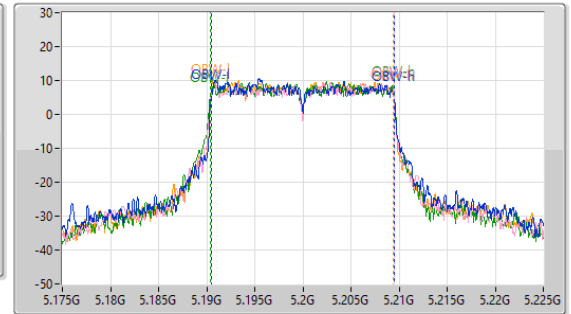
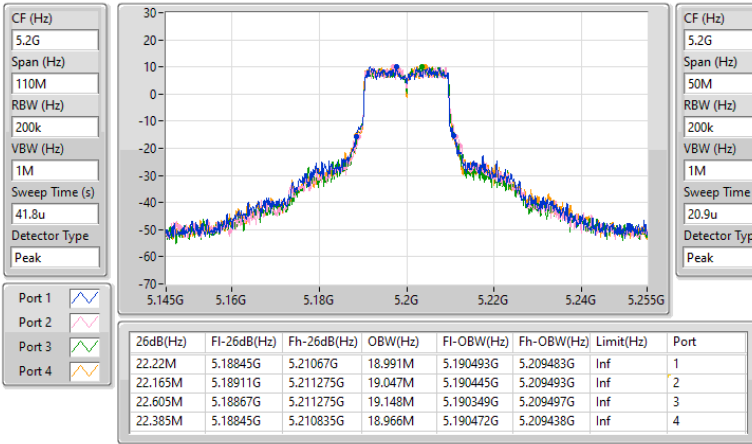


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

04/01/2025

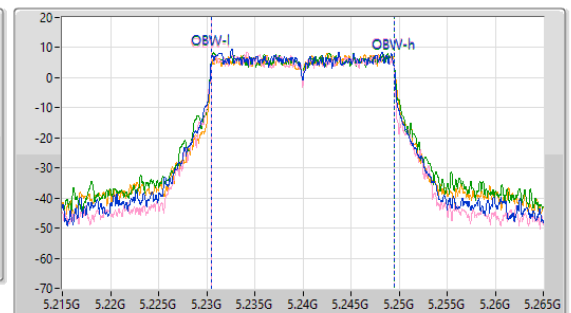
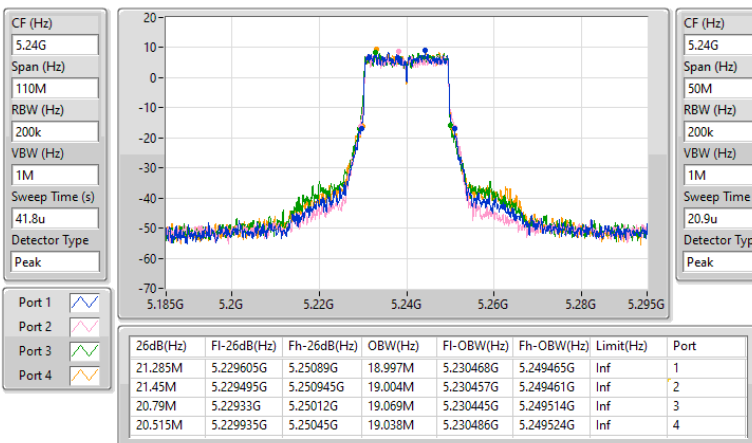


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

04/01/2025

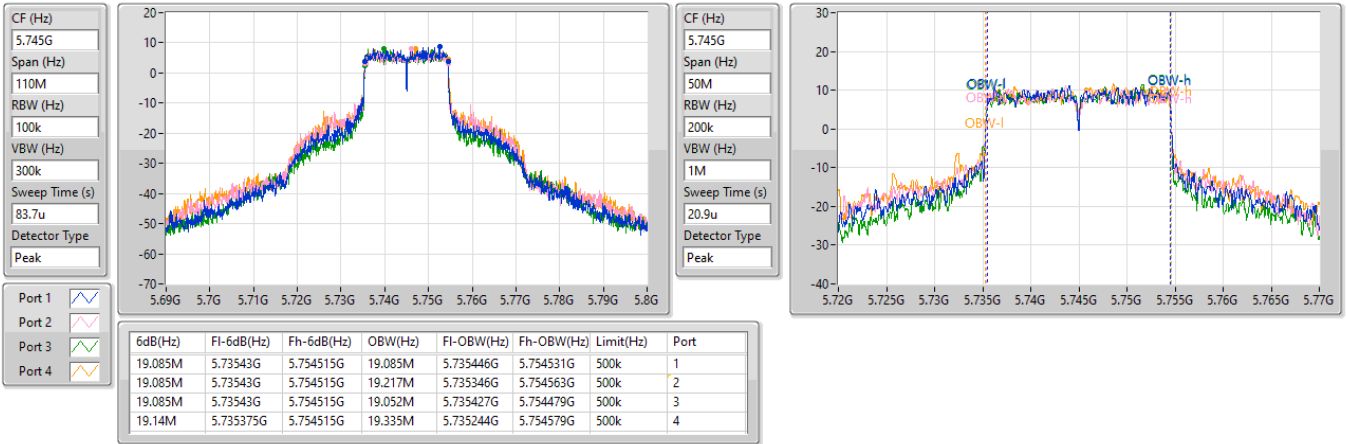


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

04/01/2025

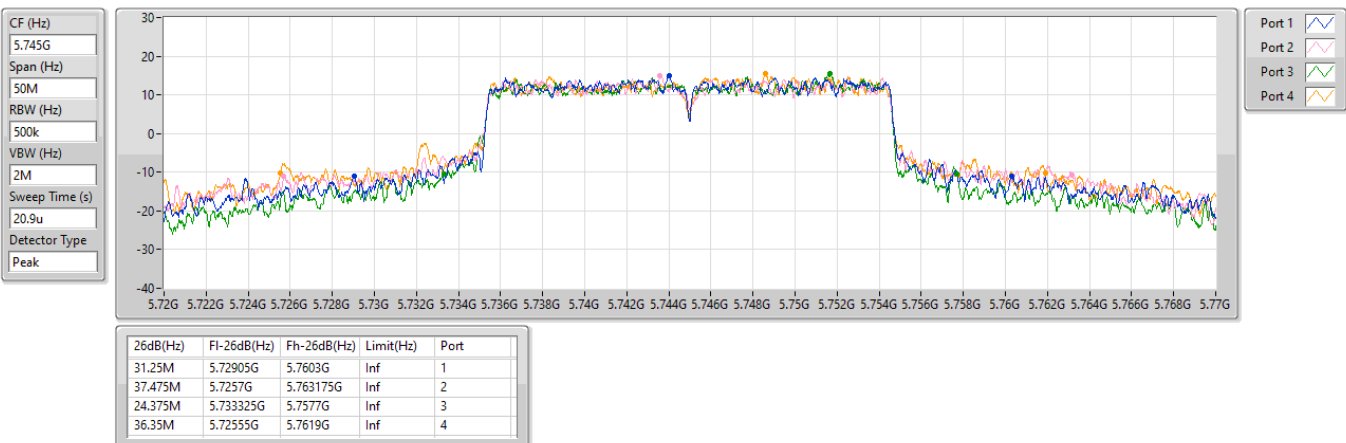


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

04/01/2025

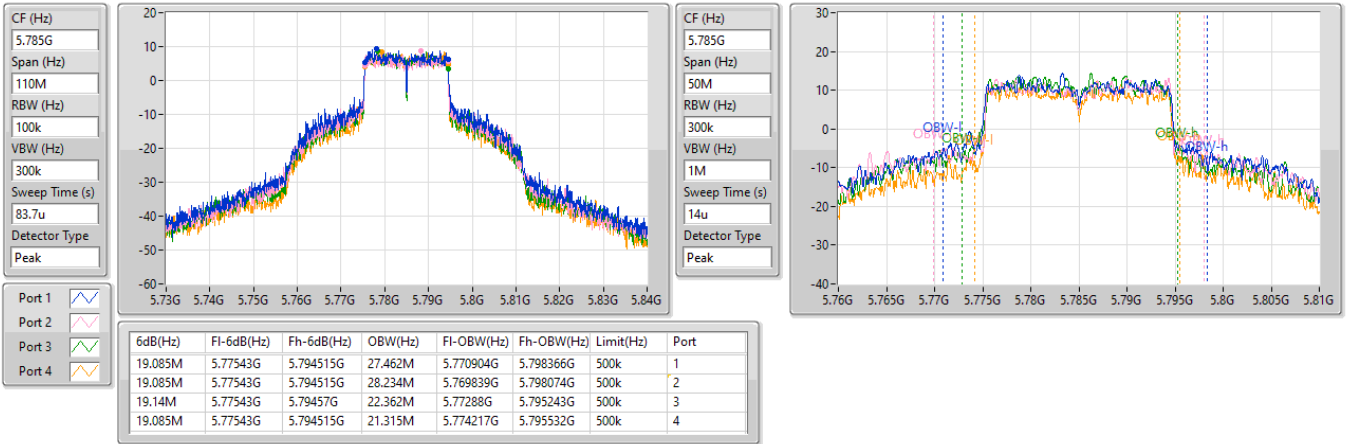


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

04/01/2025



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

04/01/2025

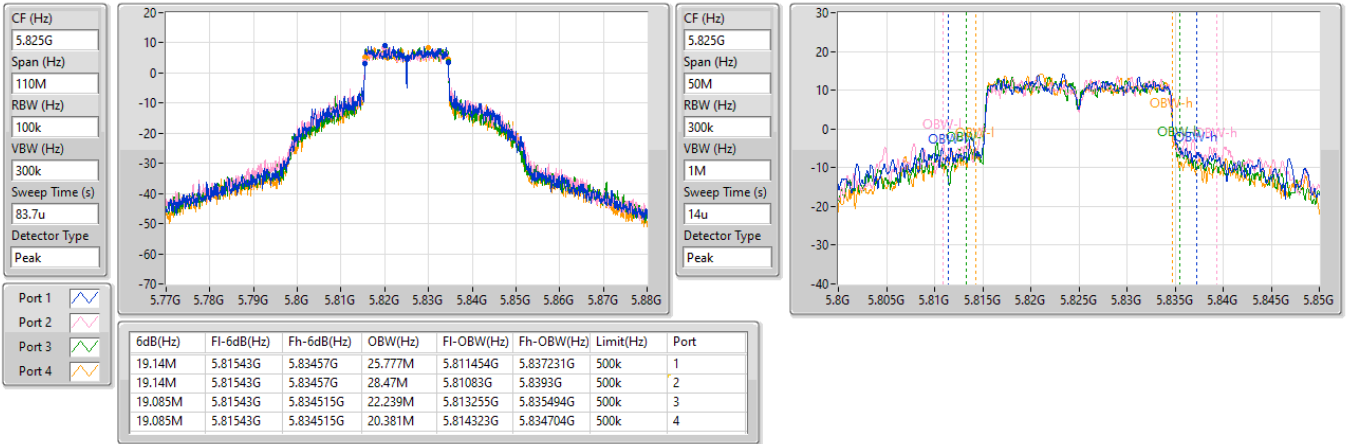


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

04/01/2025

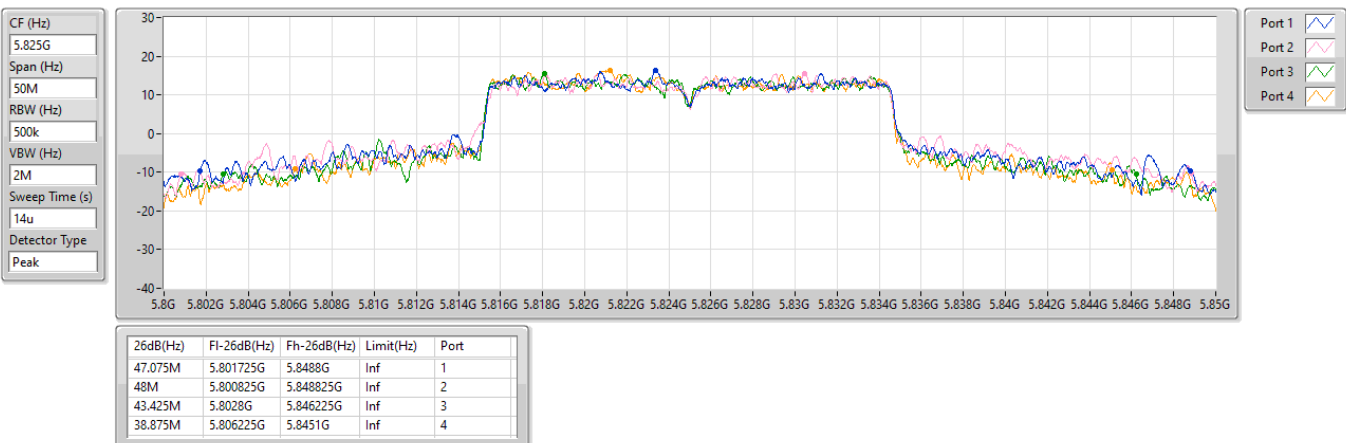


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

04/01/2025

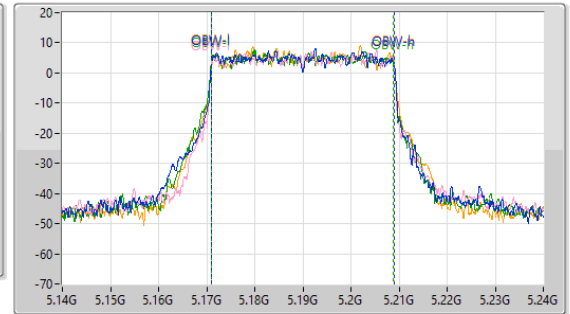
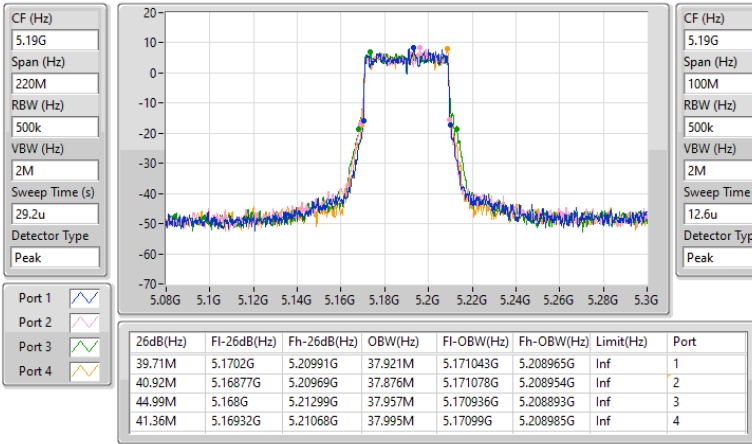


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

04/01/2025

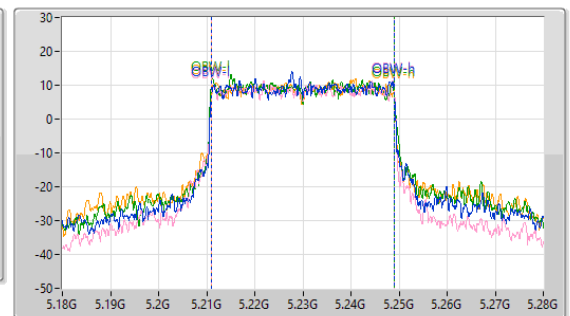
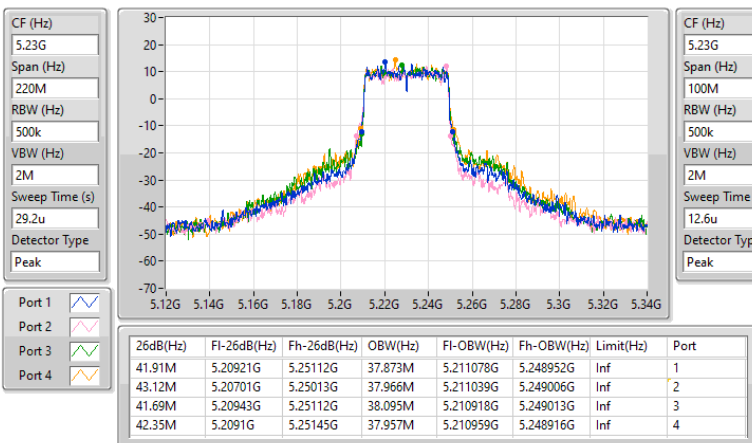


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

04/01/2025

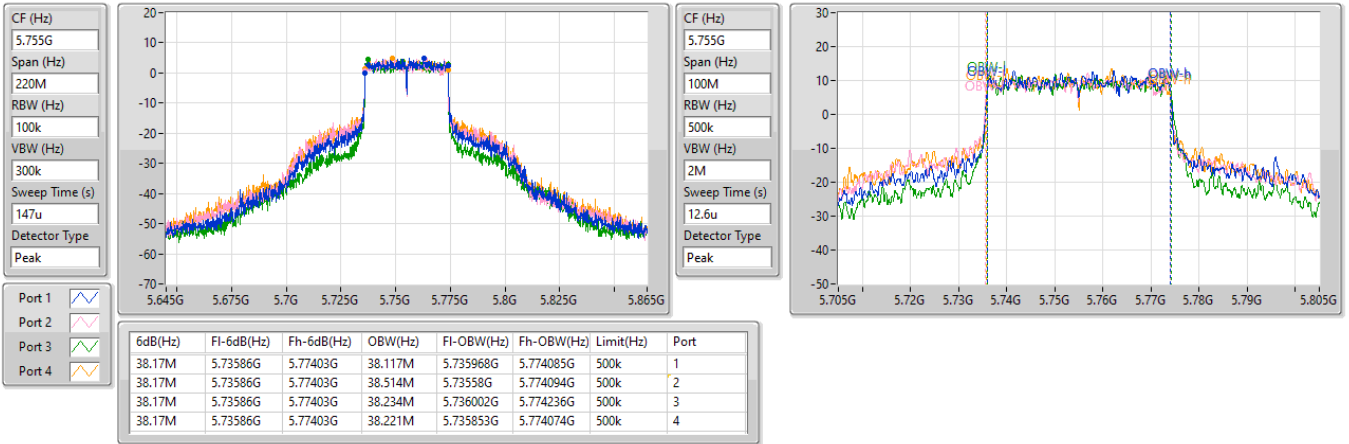


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EBW

5755MHz

04/01/2025

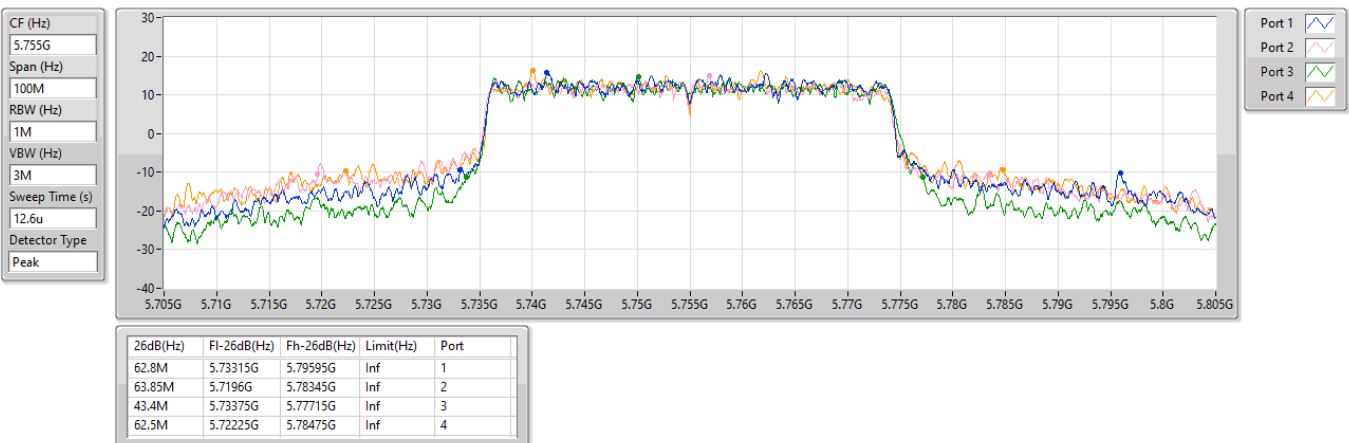


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

04/01/2025

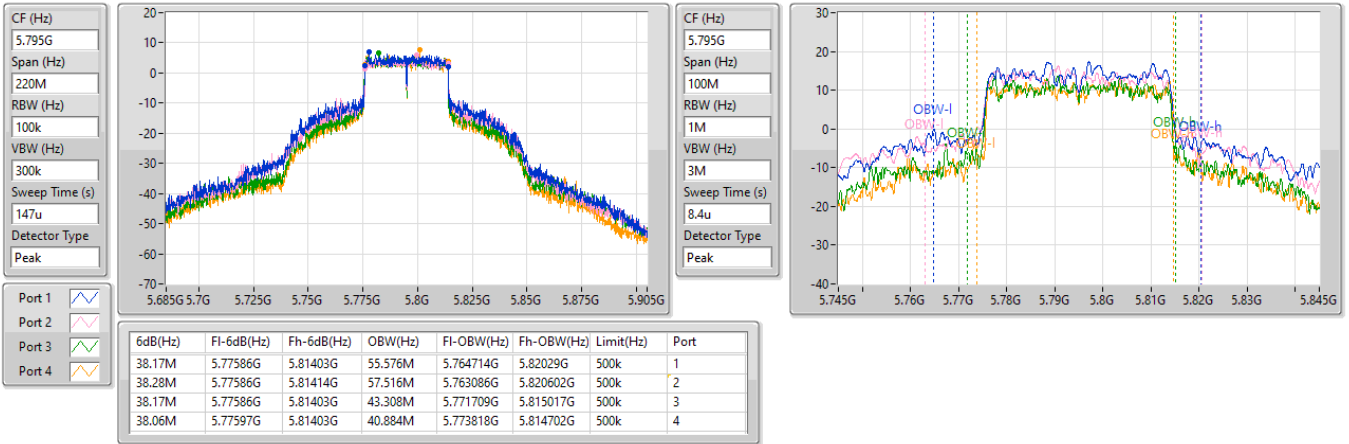


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

04/01/2025



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

04/01/2025

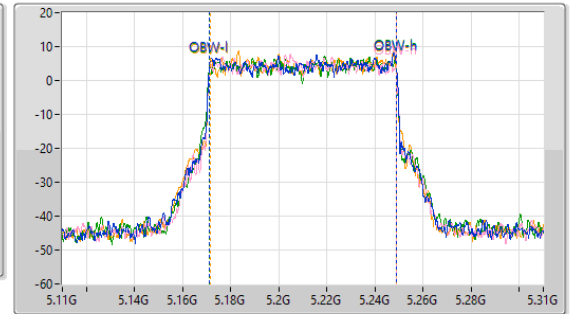
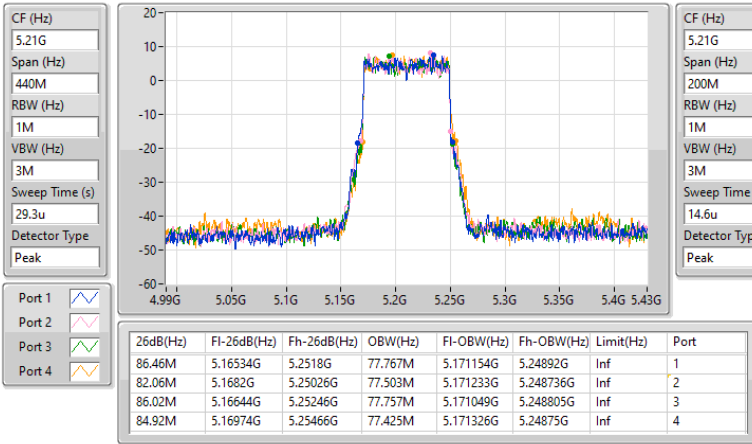


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

04/01/2025

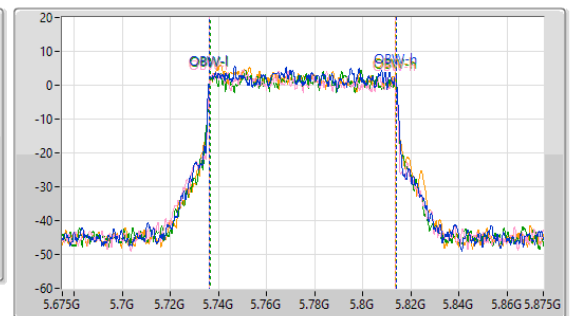
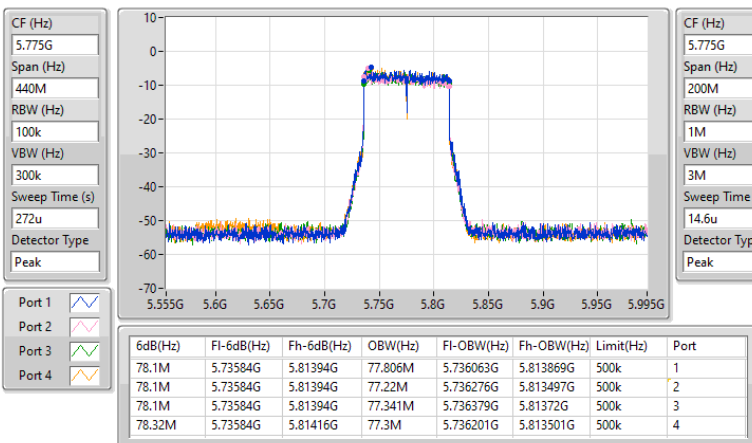


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

04/01/2025



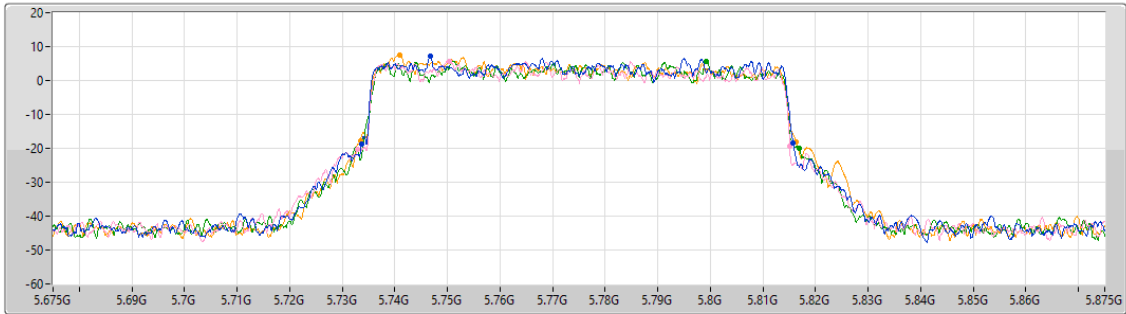
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

04/01/2025

CF (Hz)
5.775G
Span (Hz)
200M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.6u
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
82.2M	5.7336G	5.8158G	Inf	1
82.2M	5.7329G	5.8151G	Inf	2
84.4M	5.7326G	5.817G	Inf	3
83M	5.7334G	5.8164G	Inf	4



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)_4TX	81.28M	77.743M	77M7D1D	80.08M	77.387M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.155M	16.845M	16M8D1D	21.065M	16.503M
802.11be EHT20_Nss1,(MCS0)_4TX	22.22M	19.099M	19M1D1D	21.285M	18.968M
802.11be EHT40_Nss1,(MCS0)_4TX	43.34M	38.11M	38M1D1D	40.26M	37.874M
802.11be EHT80_Nss1,(MCS0)_4TX	86.9M	77.904M	77M9D1D	80.3M	77.341M
802.11be EHT160_Nss1,(MCS0)_4TX	82.4M	77.808M	77M8D1D	80M	77.349M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.22M	16.907M	16M9D1D	15.72M	13.321M
802.11be EHT20_Nss1,(MCS0)_4TX	22.605M	19.134M	19M1D1D	15.3M	14.458M
802.11be EHT40_Nss1,(MCS0)_4TX	42.79M	38.28M	38M3D1D	34.58M	33.834M
802.11be EHT80_Nss1,(MCS0)_4TX	85.14M	77.84M	77M8D1D	75.45M	73.316M
802.11be EHT160_Nss1,(MCS0)_4TX	165M	156.921M	157MD1D	161.92M	156.26M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.24M	4.272M	4M27D1D	3.22M	4.219M
802.11be EHT20_Nss1,(MCS0)_4TX	4.54M	4.62M	4M62D1D	4.5M	4.56M
802.11be EHT40_Nss1,(MCS0)_4TX	4.08M	4.205M	4M21D1D	4M	4.168M
802.11be EHT80_Nss1,(MCS0)_4TX	4.06M	5.959M	5M96D1D	4.04M	5.475M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.34M	16.503M	21.78M	16.562M	22.055M	16.839M	21.835M	16.845M
5300MHz	Pass	Inf	21.78M	16.61M	21.89M	16.655M	21.725M	16.762M	21.725M	16.59M
5320MHz	Pass	Inf	21.725M	16.557M	21.065M	16.641M	21.395M	16.631M	23.155M	16.673M
5500MHz	Pass	Inf	21.67M	16.69M	21.01M	16.907M	22.22M	16.662M	21.945M	16.766M
5580MHz	Pass	Inf	21.12M	16.678M	21.01M	16.678M	21.67M	16.581M	21.725M	16.679M
5700MHz	Pass	Inf	21.395M	16.626M	21.725M	16.609M	21.45M	16.812M	21.78M	16.586M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	13.481M	15.825M	13.655M	15.825M	13.437M	15.72M	13.321M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.272M	3.24M	4.237M	3.24M	4.241M	3.22M	4.219M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	19.022M	21.67M	19.027M	21.45M	18.994M	21.615M	19.003M
5300MHz	Pass	Inf	22.22M	19.016M	21.89M	19.099M	21.285M	18.99M	22.165M	19.02M
5320MHz	Pass	Inf	21.725M	18.968M	22.165M	19.02M	21.89M	19.02M	21.285M	19.035M
5500MHz	Pass	Inf	22.605M	19.004M	22.055M	19.012M	21.01M	19.097M	20.79M	19.001M
5580MHz	Pass	Inf	21.395M	18.984M	21.34M	19.019M	22.44M	18.986M	21.285M	18.957M
5700MHz	Pass	Inf	21.45M	19.134M	21.505M	19.021M	21.89M	19.023M	21.505M	18.998M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.405M	14.473M	16.32M	14.486M	15.3M	14.468M	15.855M	14.458M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.56M	4.54M	4.575M	4.54M	4.62M	4.5M	4.595M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.69M	37.874M	41.03M	37.953M	41.58M	38.032M	41.14M	38.11M
5310MHz	Pass	Inf	40.26M	38.059M	40.81M	37.886M	43.34M	38.06M	42.35M	38.043M
5510MHz	Pass	Inf	41.58M	38.071M	42.02M	37.898M	41.47M	38.055M	42.24M	37.97M
5550MHz	Pass	Inf	42.79M	37.943M	42.46M	37.925M	42.24M	38.029M	41.58M	38.108M
5670MHz	Pass	Inf	42.13M	37.954M	40.81M	37.859M	42.57M	38.28M	41.91M	37.984M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.58M	33.905M	35.35M	33.834M	35.735M	33.926M	35.385M	33.84M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.18M	4M	4.168M	4.06M	4.205M	4.06M	4.195M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.3M	77.375M	86.46M	77.904M	86.24M	77.341M	86.9M	77.647M
5530MHz	Pass	Inf	84.48M	77.785M	81.62M	77.53M	81.4M	77.709M	85.14M	77.627M
5610MHz	Pass	Inf	81.84M	77.393M	84.04M	77.773M	80.96M	77.72M	83.82M	77.84M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.575M	73.52M	75.75M	73.379M	75.45M	73.453M	76.95M	73.316M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	5.475M	4.06M	5.959M	4.06M	5.864M	4.04M	5.806M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.08M	77.387M	80.16M	77.63M	81.28M	77.693M	80.16M	77.743M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80M	77.694M	82.4M	77.433M	80.48M	77.808M	80.08M	77.349M
5570MHz	Pass	Inf	164.12M	156.921M	161.92M	156.26M	165M	156.851M	162.36M	156.527M

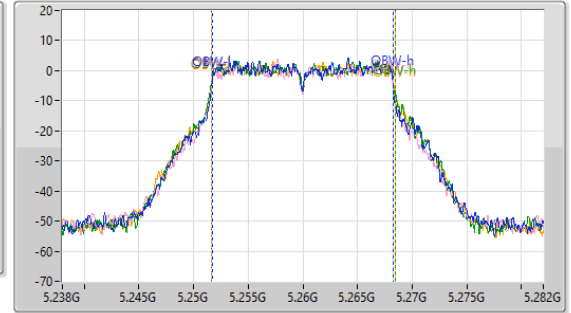
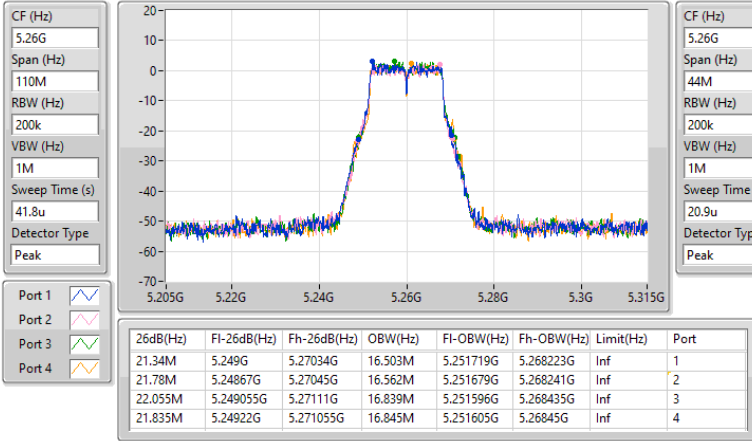
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

04/01/2025

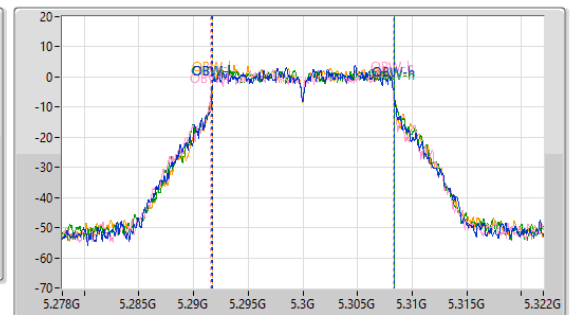
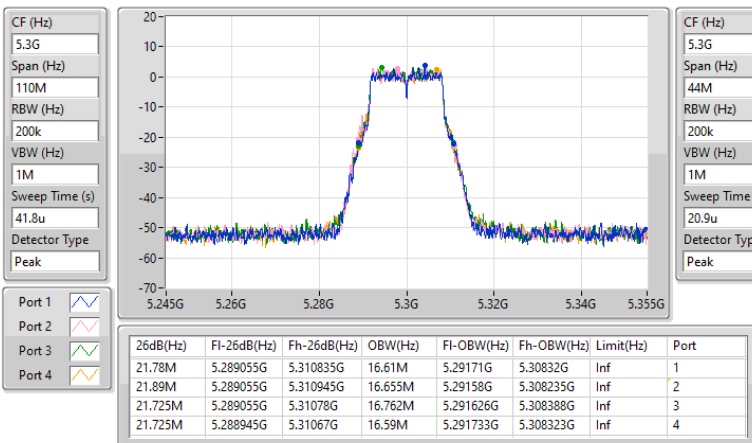


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

04/01/2025

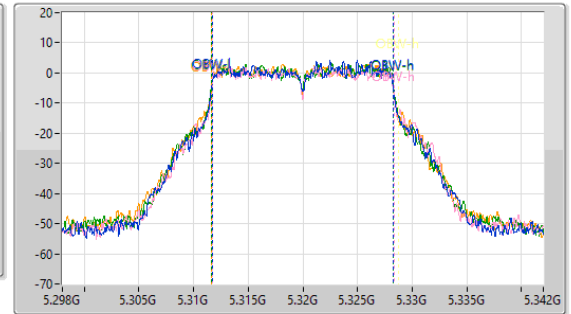
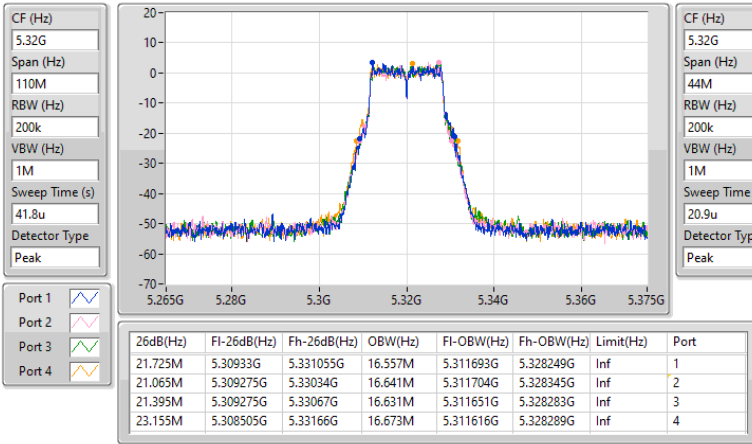


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

04/01/2025

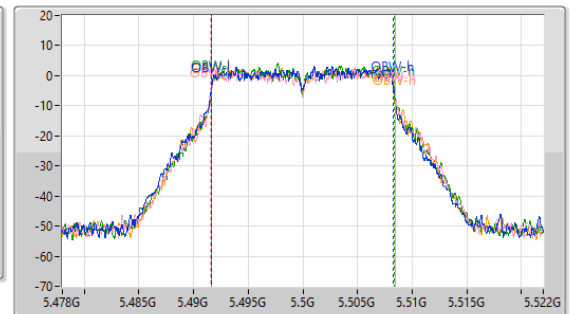
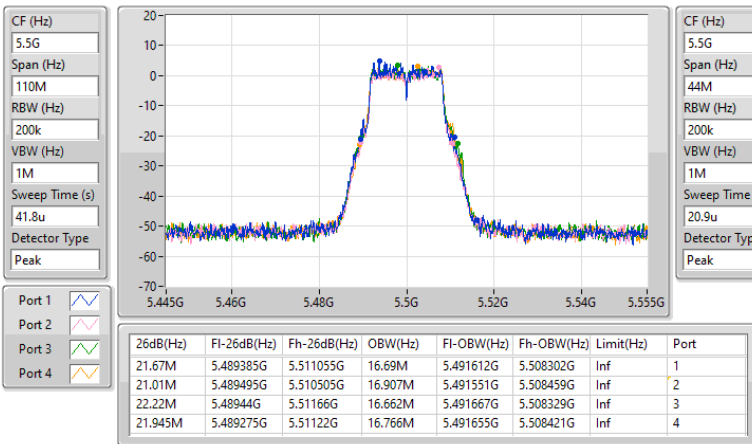


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

04/01/2025

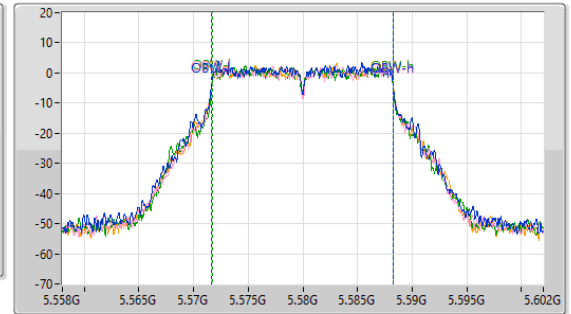
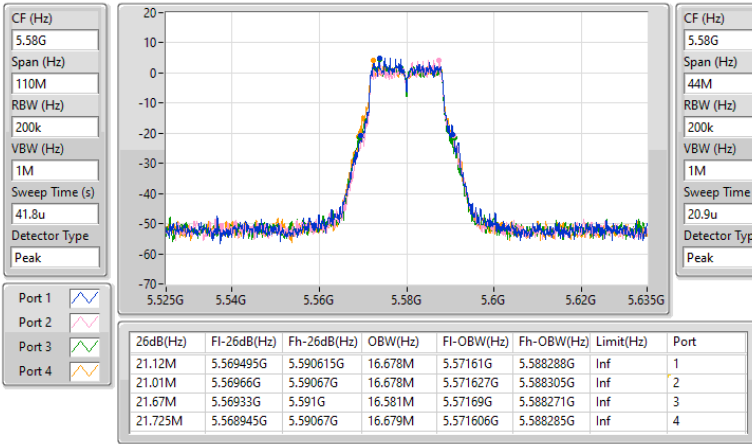


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

04/01/2025

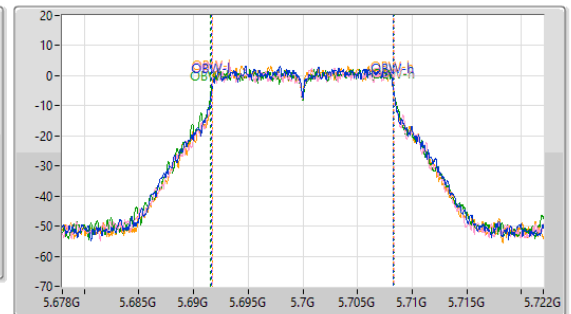
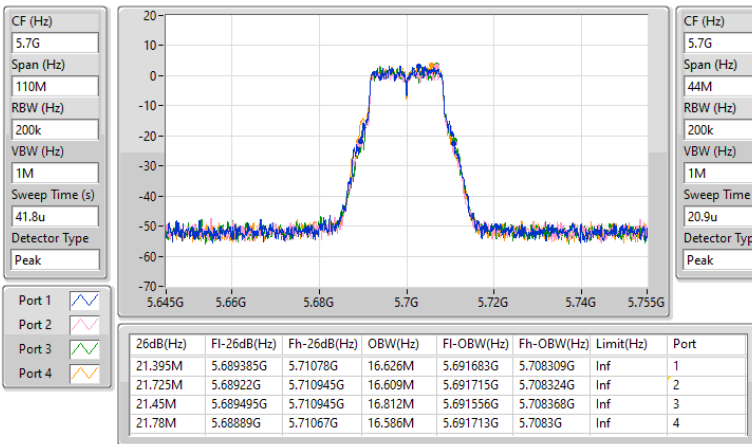


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

04/01/2025

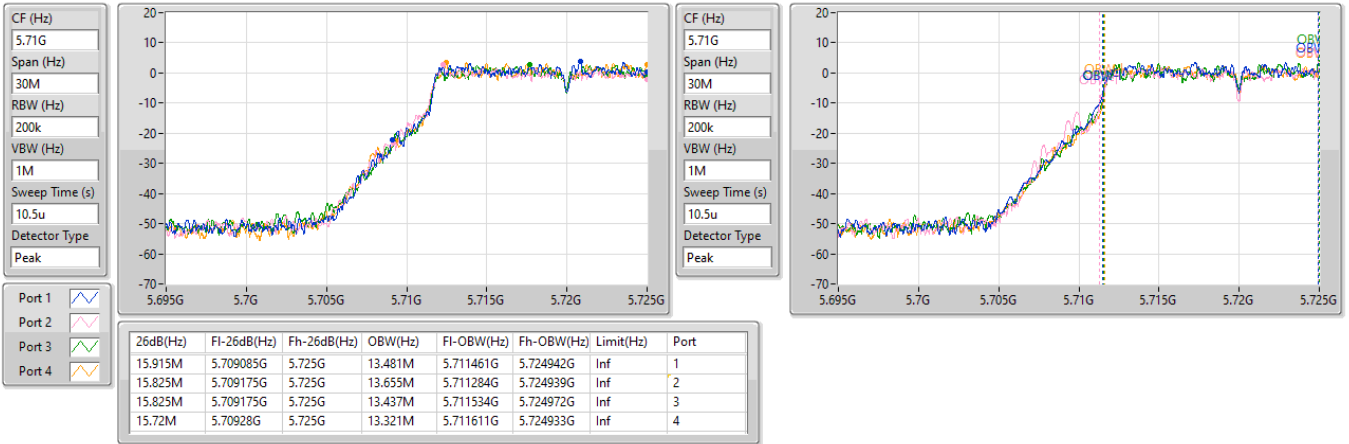


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

04/01/2025

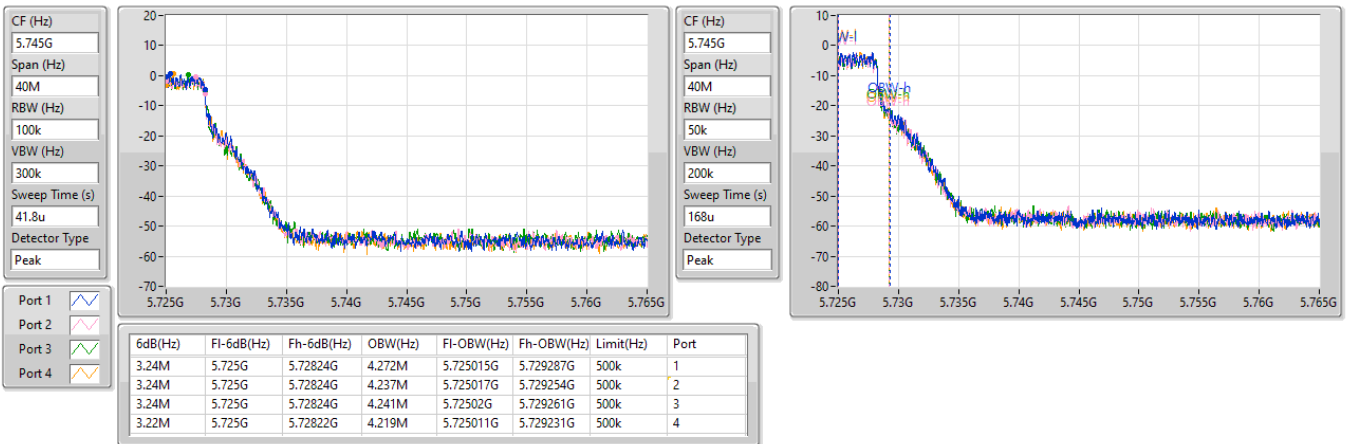


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

04/01/2025

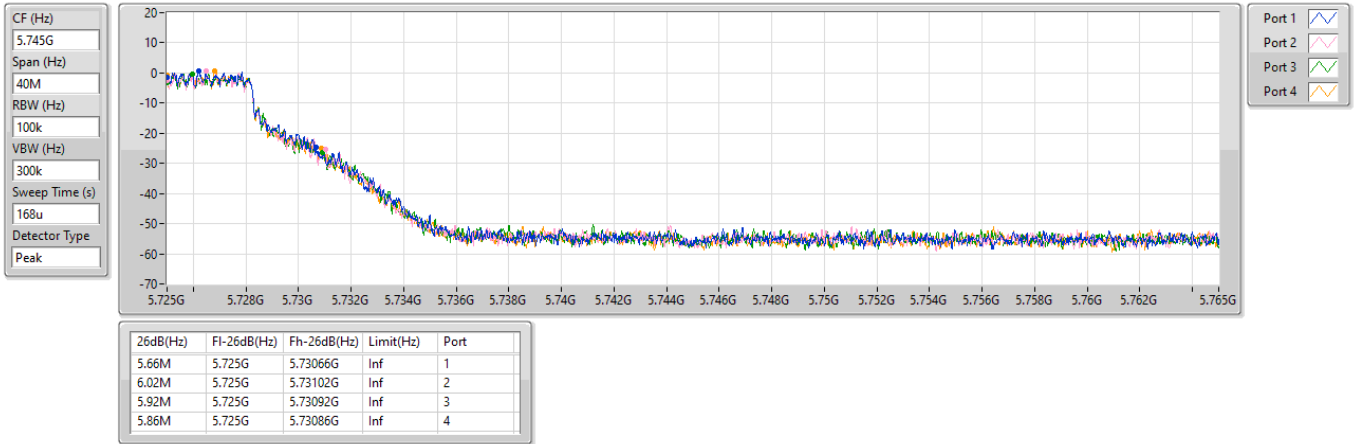


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

04/01/2025

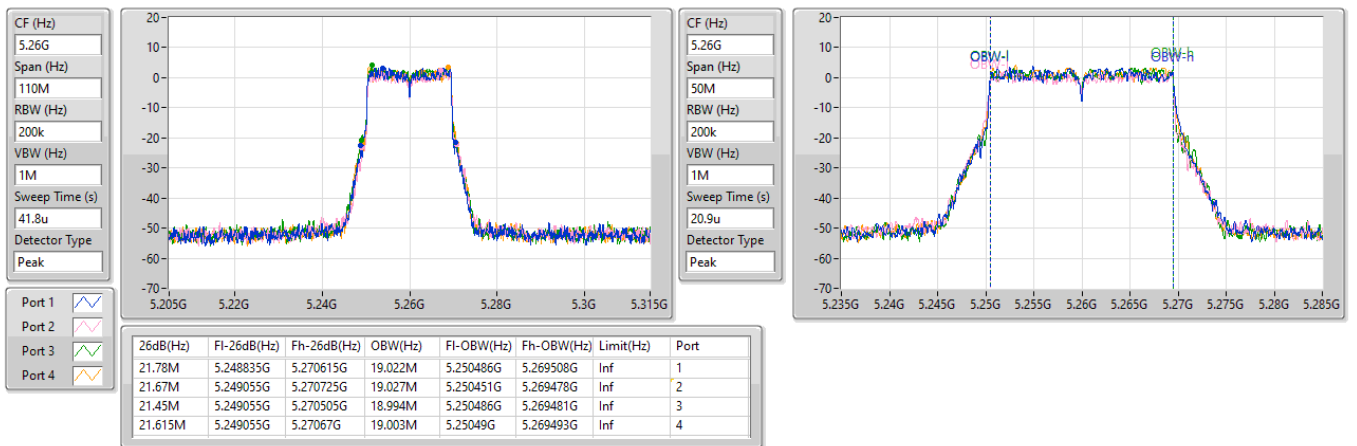


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

04/01/2025

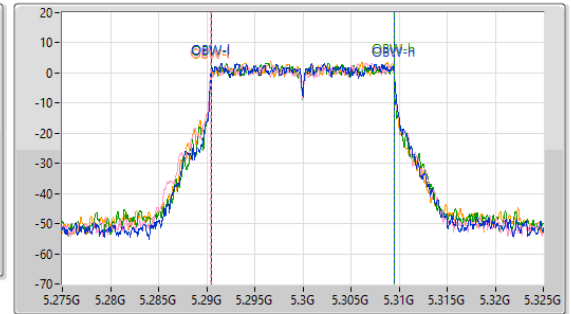
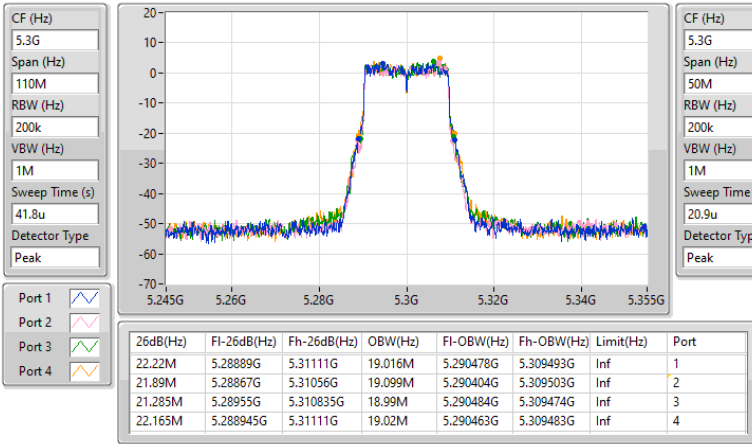


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

04/01/2025

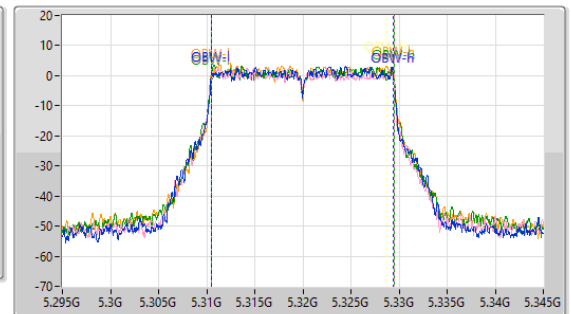
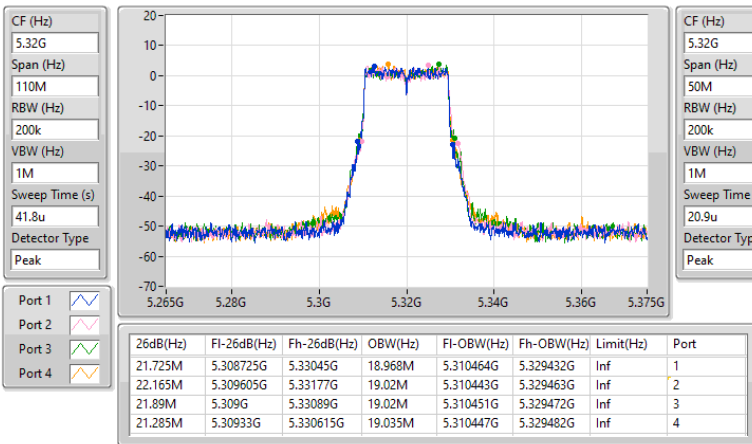


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

04/01/2025

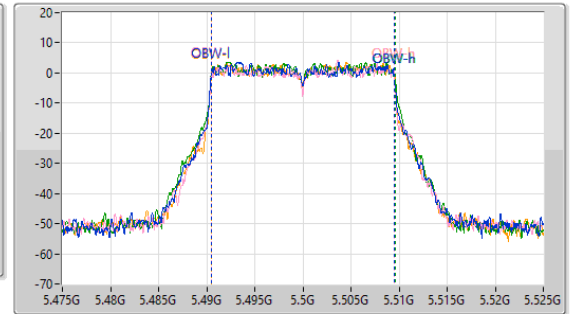
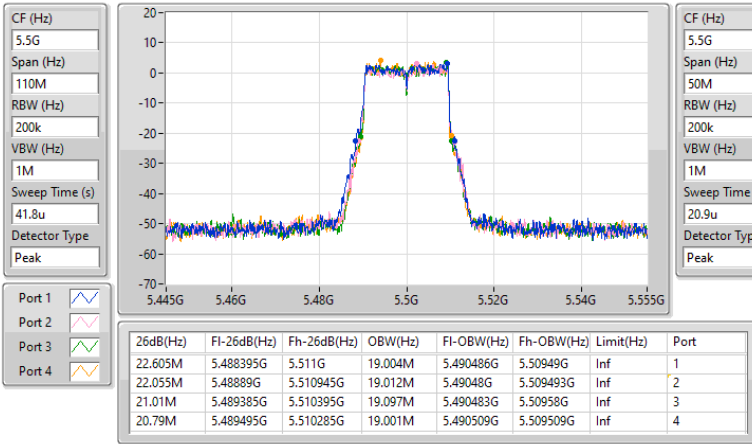


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

04/01/2025

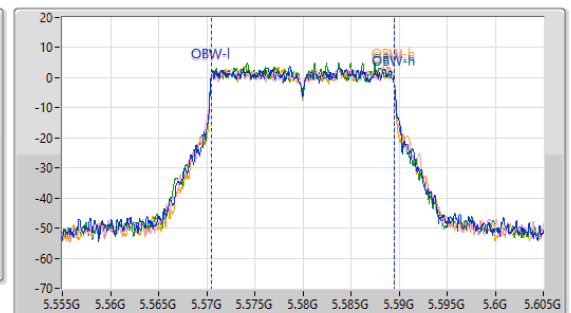
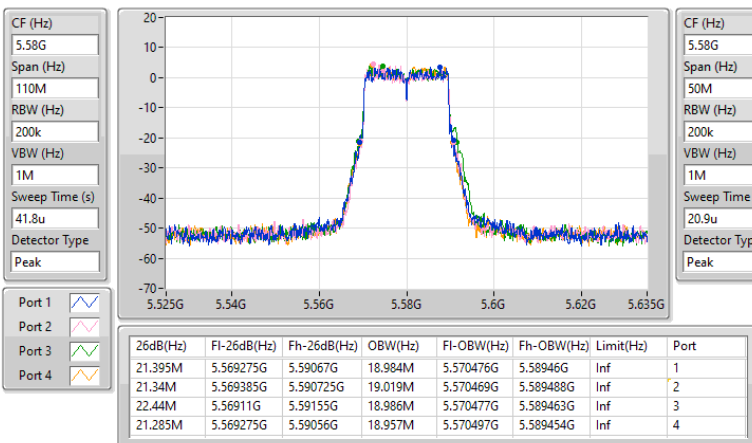


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

04/01/2025

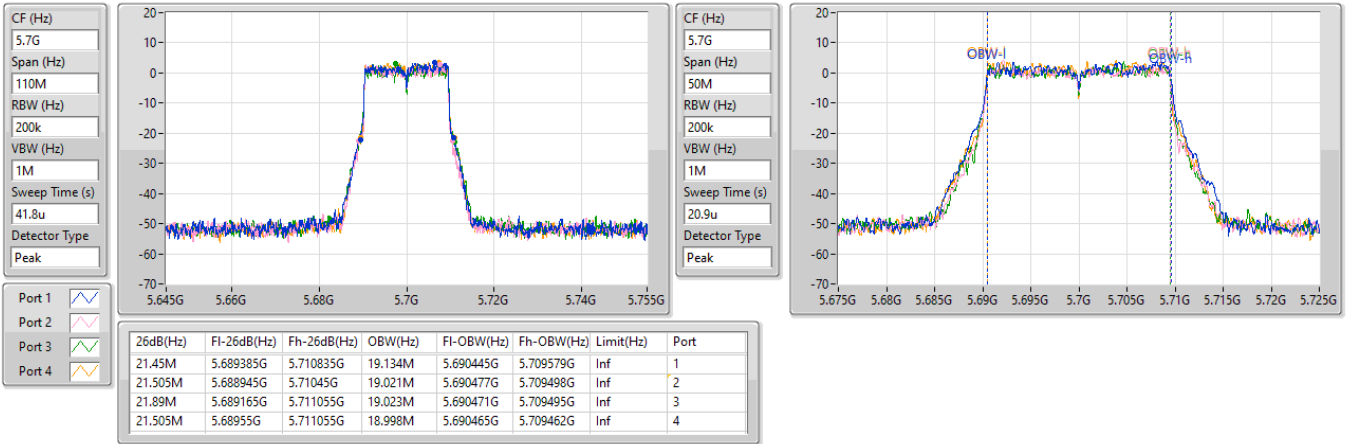


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

04/01/2025

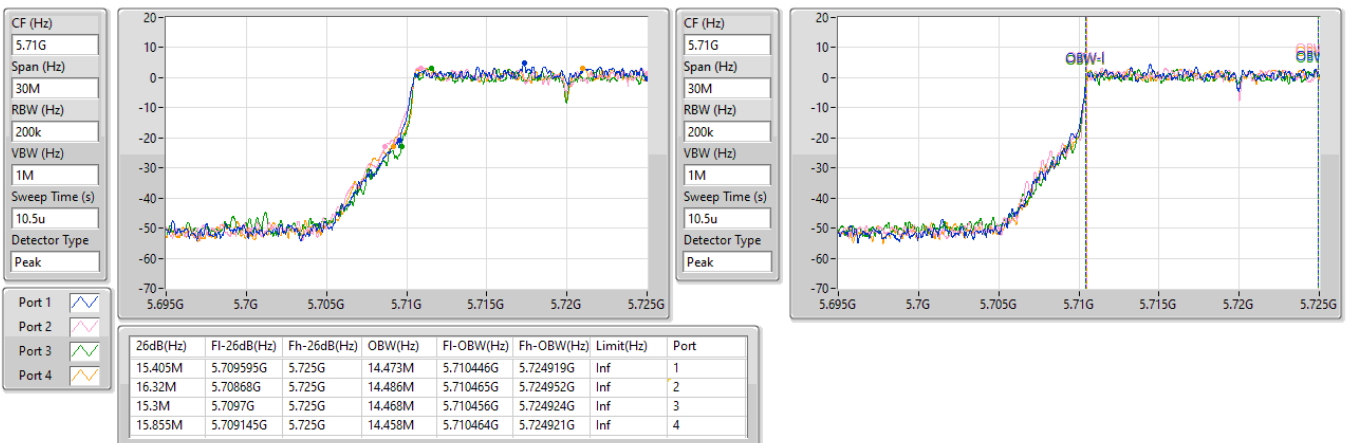


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

04/01/2025

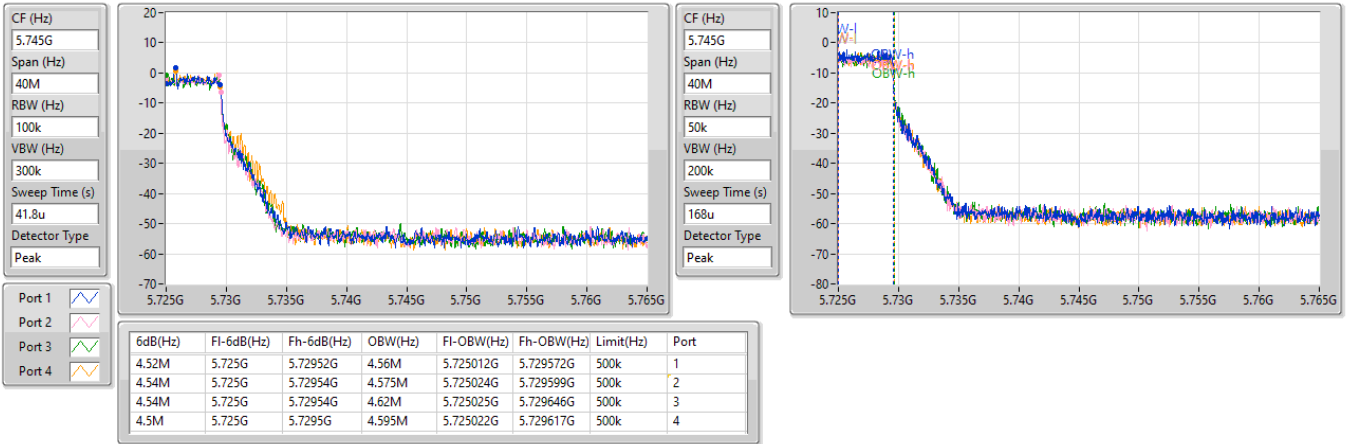


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

04/01/2025

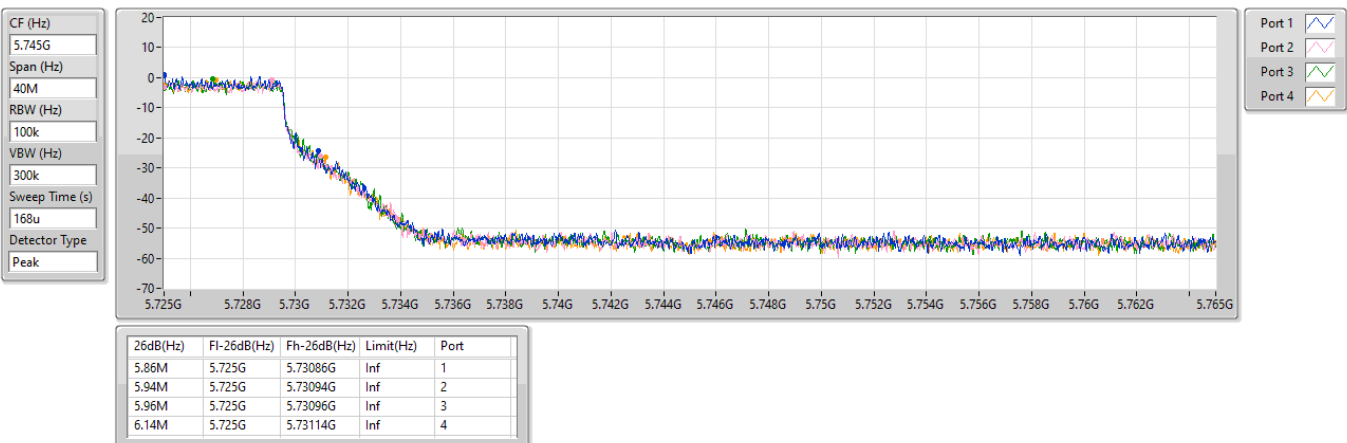


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

04/01/2025

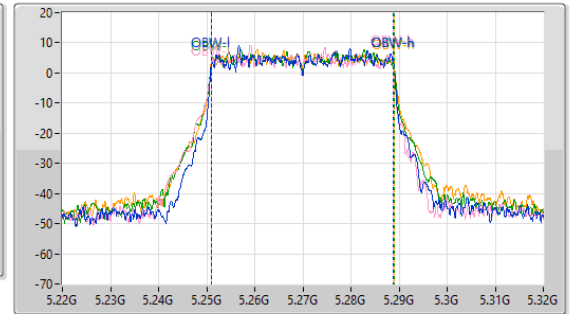
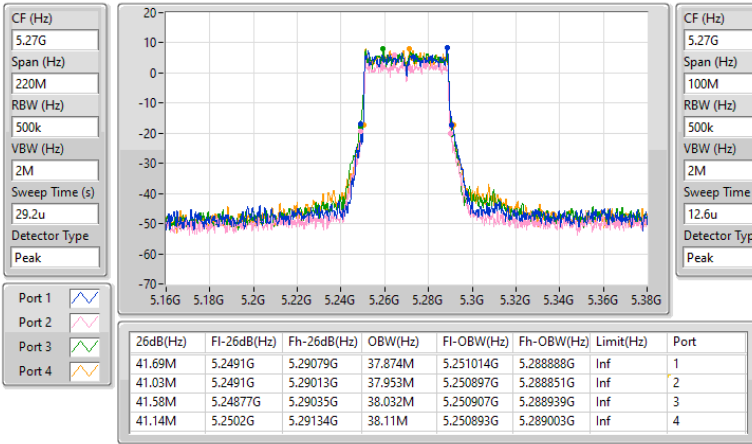


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

04/01/2025

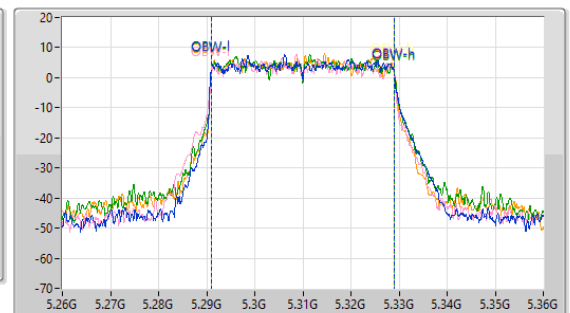
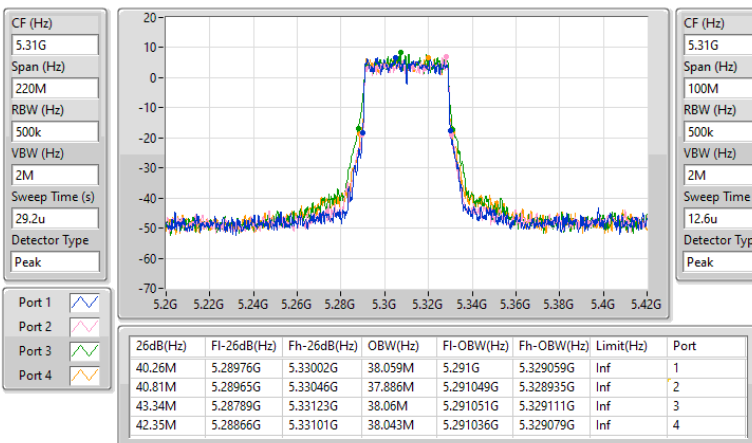


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

04/01/2025

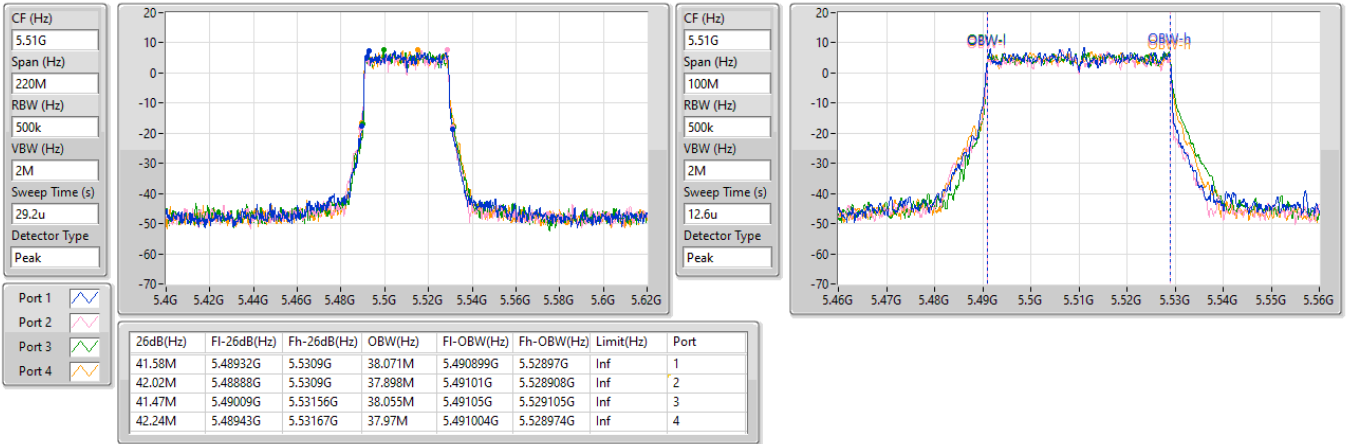


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

04/01/2025

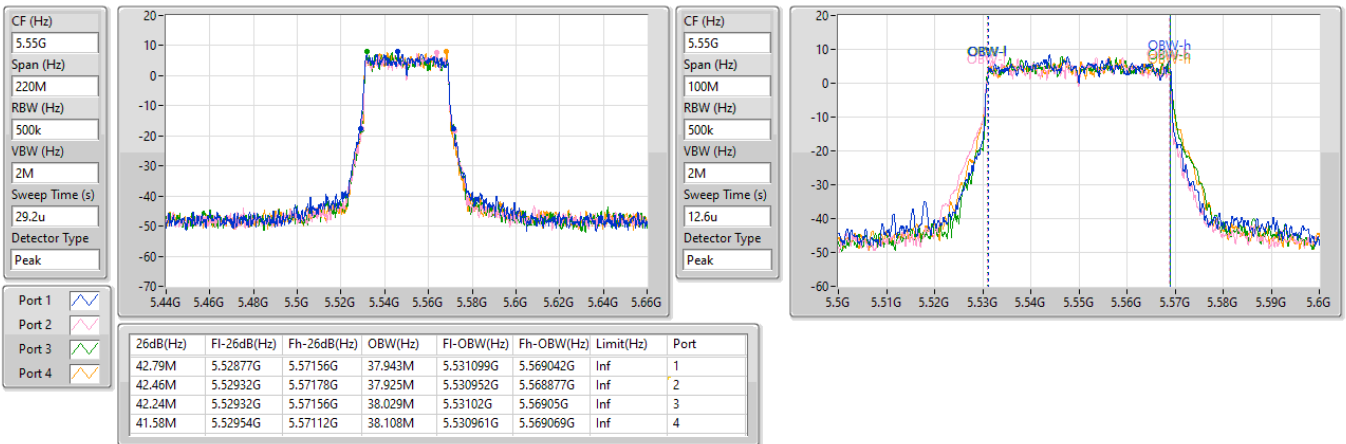


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

04/01/2025

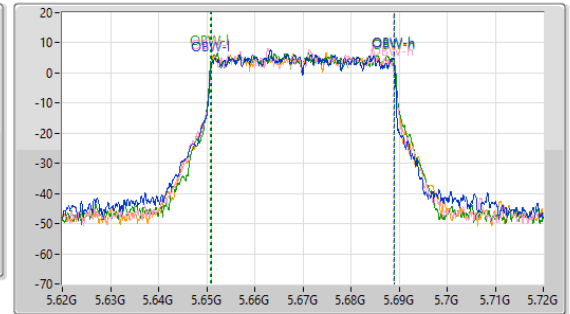
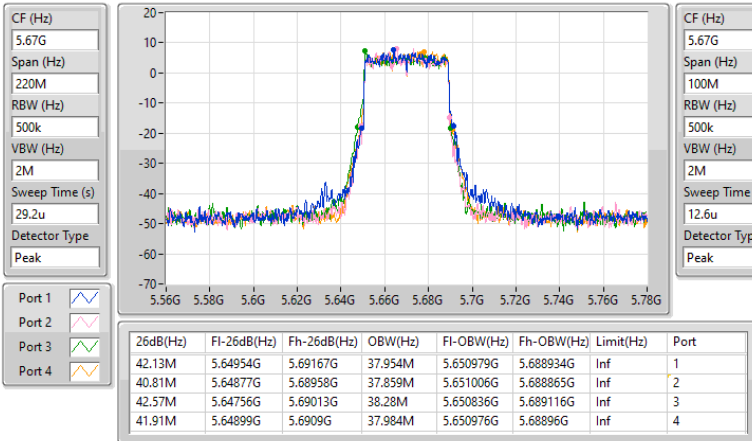


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

04/01/2025

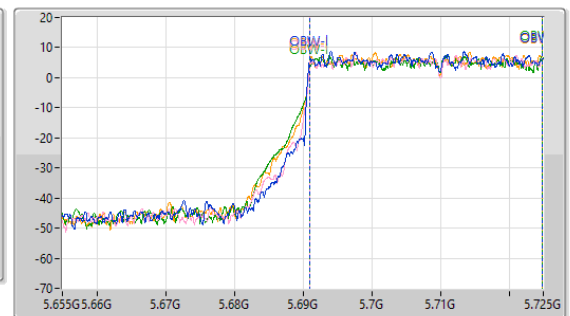
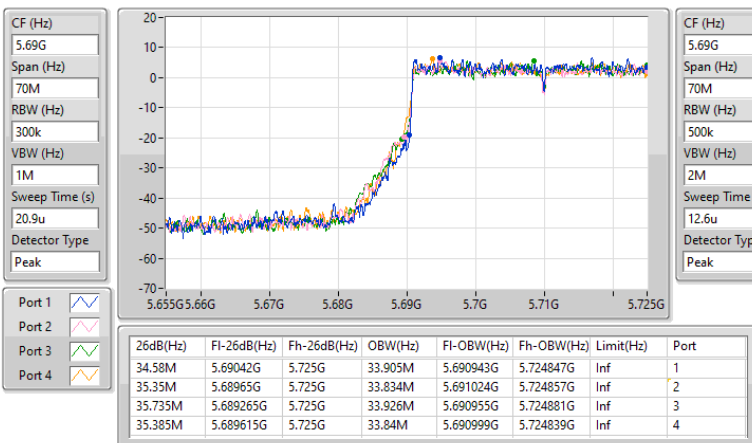


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

04/01/2025

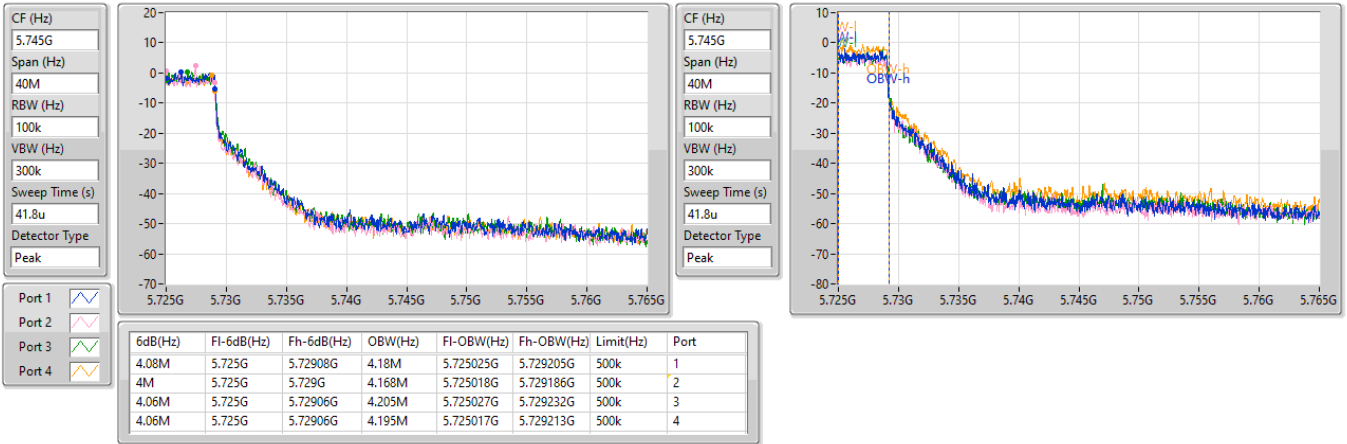


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

04/01/2025

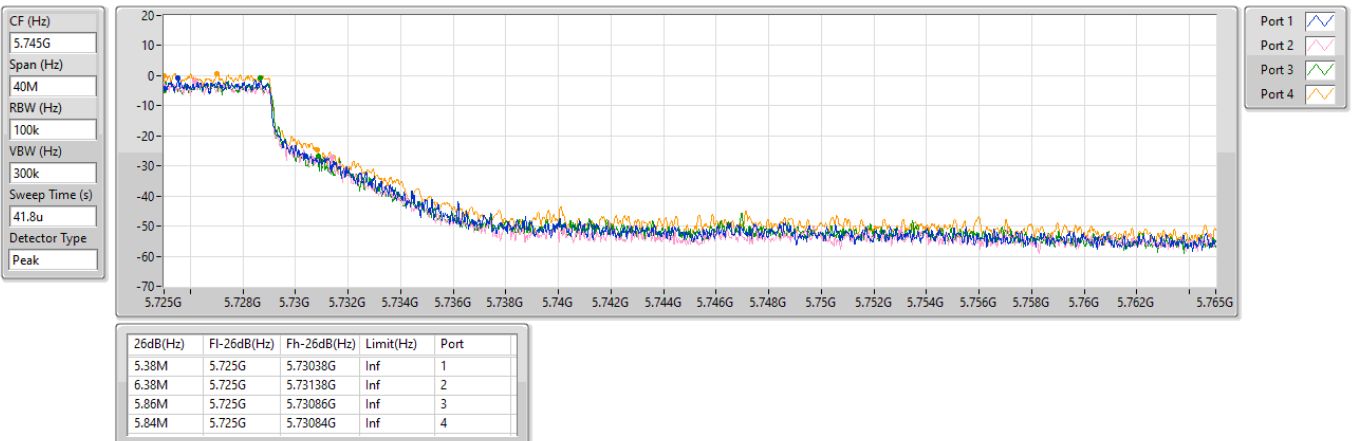


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

04/01/2025

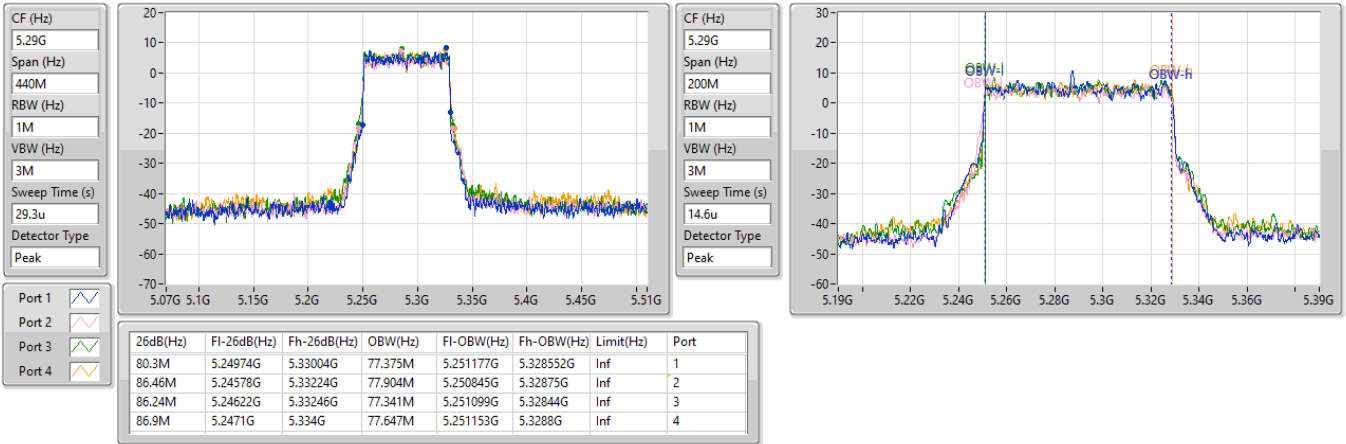


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

04/01/2025

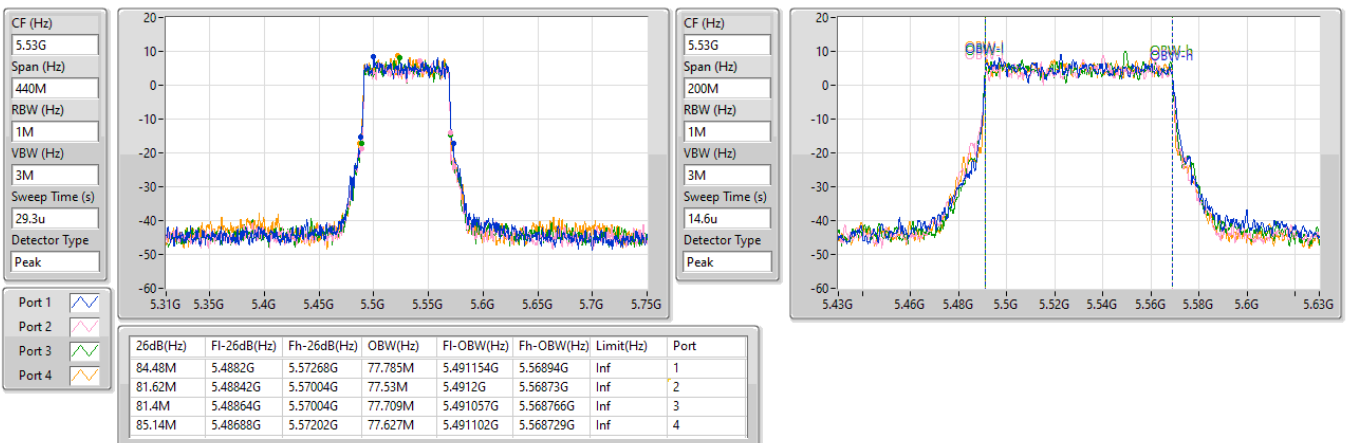


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

04/01/2025

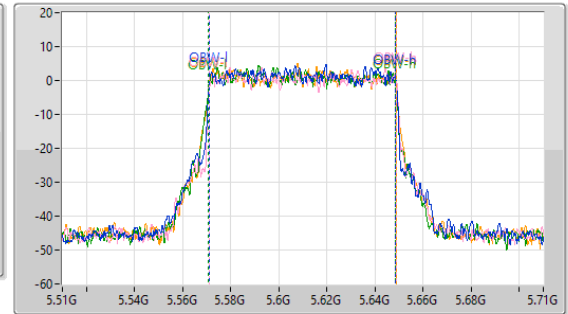
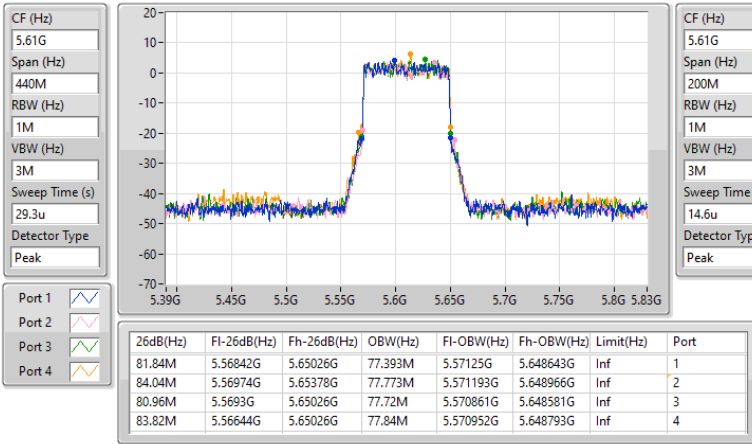


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

04/01/2025

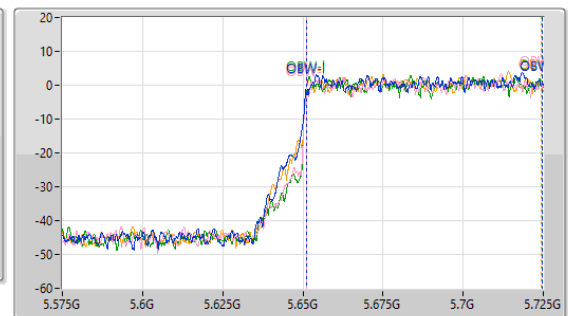
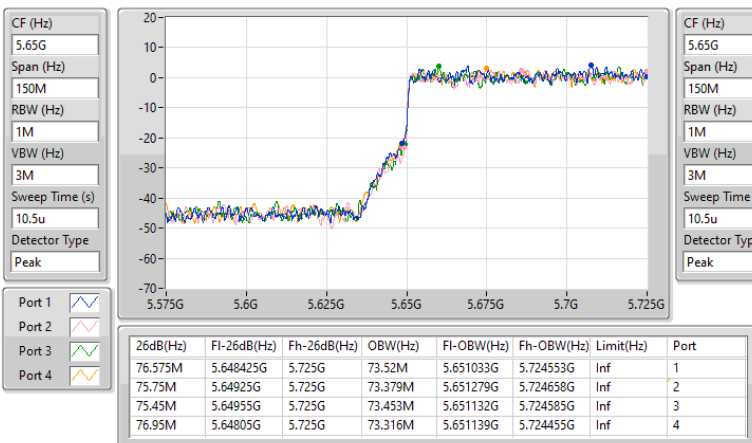


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

04/01/2025

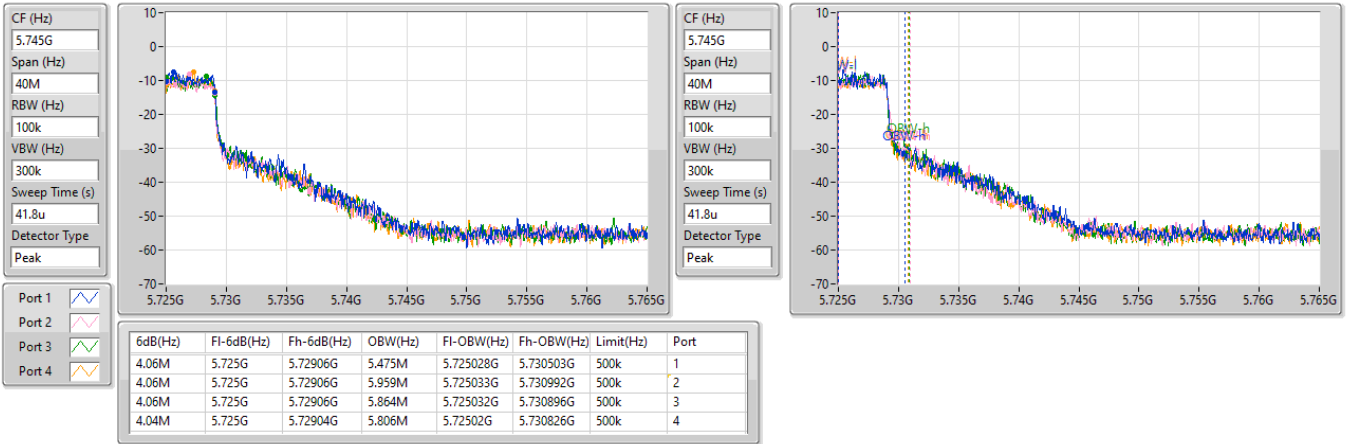


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/01/2025

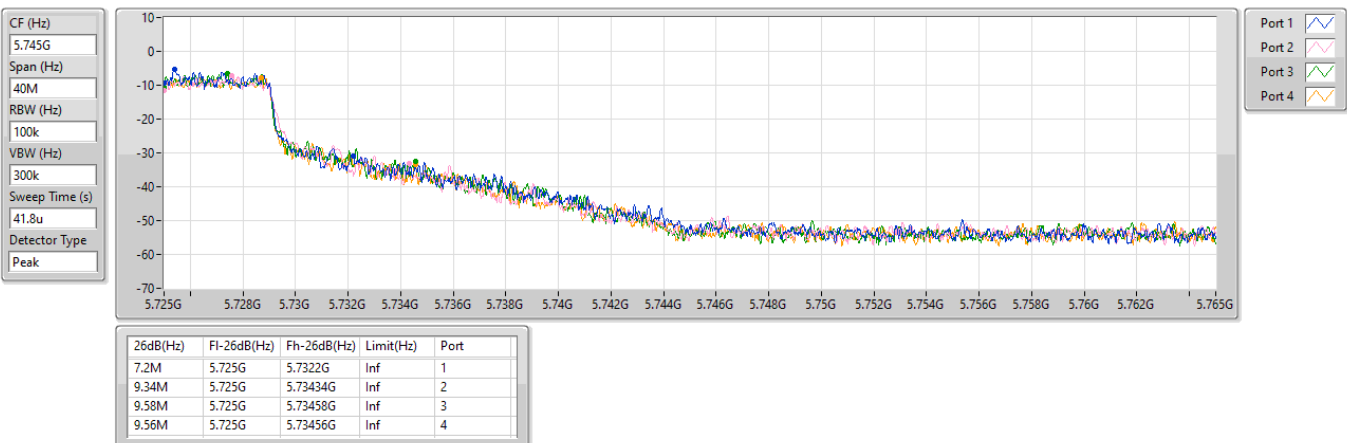


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/01/2025

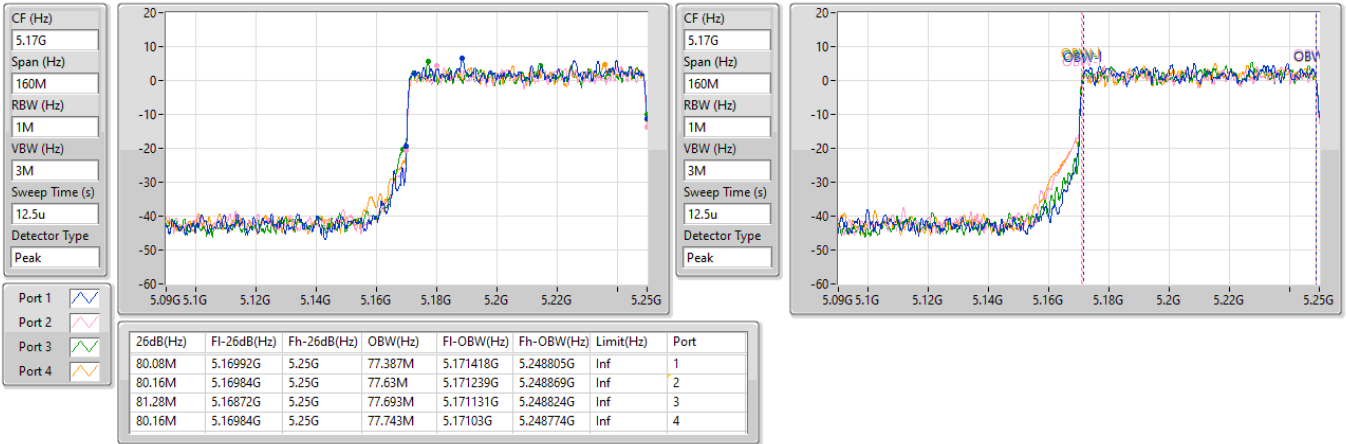


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

04/01/2025

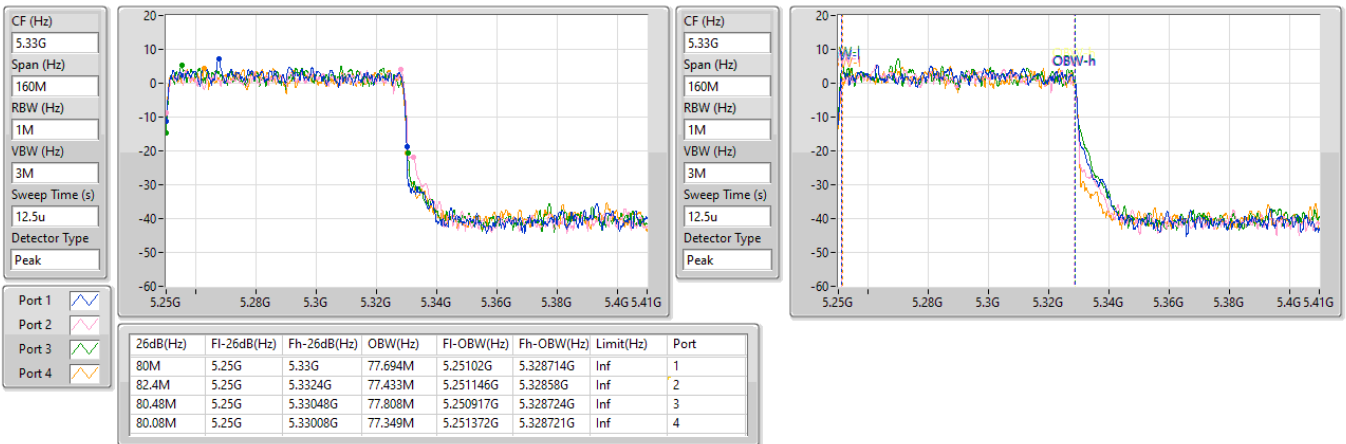


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

04/01/2025

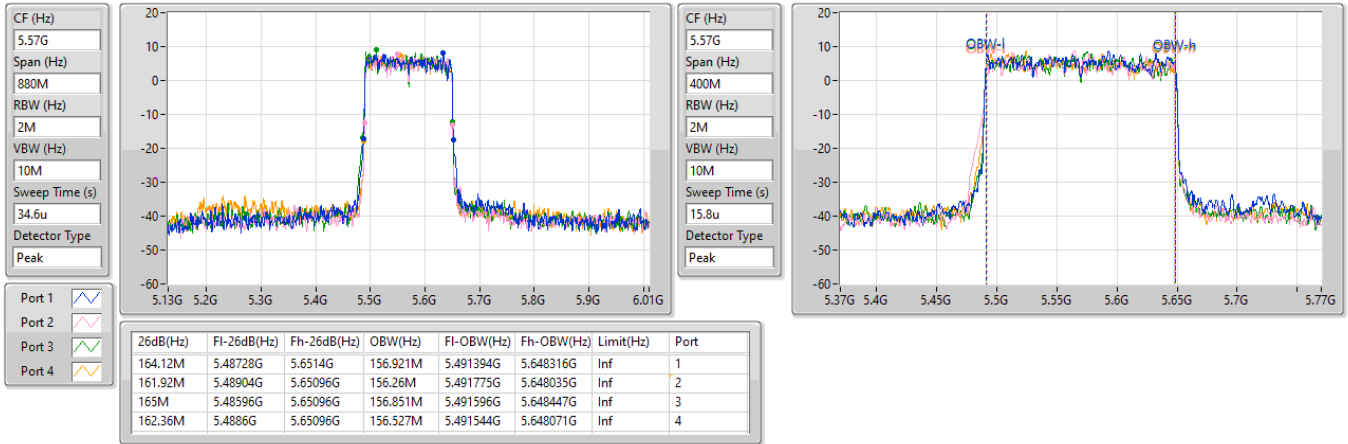


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

04/01/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.53	0.56624
802.11be EHT20_Nss1,(MCS0)_4TX	28.11	0.64714
802.11be EHT20-BF_Nss1,(MCS0)_4TX	27.05	0.50699
802.11be EHT40_Nss1,(MCS0)_4TX	28.24	0.66681
802.11be EHT40-BF_Nss1,(MCS0)_4TX	27.23	0.52845
802.11be EHT80_Nss1,(MCS0)_4TX	23.59	0.22856
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.59	0.22856
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.73	0.93972
802.11be EHT20_Nss1,(MCS0)_4TX	29.63	0.91833
802.11be EHT20-BF_Nss1,(MCS0)_4TX	27.38	0.54702
802.11be EHT40_Nss1,(MCS0)_4TX	29.81	0.95719
802.11be EHT40-BF_Nss1,(MCS0)_4TX	27.53	0.56624
802.11be EHT80_Nss1,(MCS0)_4TX	20.93	0.12388
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.93	0.12388



Average Power_UNII 1, 3
Parent Device / FCC ID: Z8H89FT0086

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.53	21.42	21.24	21.50	21.47	27.43	30.00
5200MHz	Pass	4.53	21.62	21.31	21.50	21.60	27.53	30.00
5240MHz	Pass	4.53	20.27	19.87	20.30	20.18	26.18	30.00
5745MHz	Pass	5.95	23.12	22.63	22.81	22.88	28.88	30.00
5785MHz	Pass	5.95	23.87	23.01	23.66	23.43	29.52	30.00
5825MHz	Pass	5.95	23.84	23.81	23.64	23.55	29.73	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.53	20.51	20.27	20.64	20.44	26.49	30.00
5200MHz	Pass	4.53	22.12	21.96	22.04	22.22	28.11	30.00
5240MHz	Pass	4.53	20.34	19.96	20.31	20.40	26.28	30.00
5745MHz	Pass	5.95	23.24	22.63	22.89	22.99	28.96	30.00
5785MHz	Pass	5.95	23.88	23.12	23.65	23.62	29.60	30.00
5825MHz	Pass	5.95	23.87	23.41	23.62	23.51	29.63	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.53	18.07	17.90	17.99	18.06	24.03	30.00
5230MHz	Pass	4.53	22.41	22.05	22.48	21.92	28.24	30.00
5755MHz	Pass	5.95	22.78	22.24	22.20	22.64	28.49	30.00
5795MHz	Pass	5.95	24.30	23.45	23.67	23.71	29.81	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.53	17.57	17.46	17.65	17.61	23.59	30.00
5775MHz	Pass	5.95	15.38	14.56	14.58	15.06	20.93	30.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	20.51	20.27	20.64	20.44	26.49	27.38
5200MHz	Pass	8.62	20.93	20.99	21.06	21.12	27.05	27.38
5240MHz	Pass	8.62	20.34	19.96	20.31	20.40	26.28	27.38
5745MHz	Pass	8.43	21.49	20.88	21.14	21.17	27.20	27.57
5785MHz	Pass	8.43	21.61	20.84	21.41	21.19	27.29	27.57
5825MHz	Pass	8.43	21.79	20.65	21.60	21.31	27.38	27.57
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	18.07	17.90	17.99	18.06	24.03	27.38
5230MHz	Pass	8.62	21.20	20.88	21.45	21.29	27.23	27.38
5755MHz	Pass	8.43	21.67	21.14	21.33	21.47	27.43	27.57
5795MHz	Pass	8.43	21.97	21.18	21.46	21.39	27.53	27.57
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	17.57	17.46	17.65	17.61	23.59	27.38
5775MHz	Pass	8.43	15.38	14.56	14.58	15.06	20.93	27.57

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	20.78	0.11967
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.02	0.10046
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.90	0.12303
802.11be EHT20_Nss1,(MCS0)_4TX	21.51	0.14158
802.11be EHT20-BF_Nss1,(MCS0)_4TX	20.46	0.11117
802.11be EHT40_Nss1,(MCS0)_4TX	23.72	0.23550
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.49	0.11194
802.11be EHT80_Nss1,(MCS0)_4TX	23.60	0.22909
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.32	0.10765
802.11be EHT160_Nss1,(MCS0)_4TX	20.87	0.12218
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.27	0.10641
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.16	0.13062
802.11be EHT20_Nss1,(MCS0)_4TX	21.58	0.14388
802.11be EHT20-BF_Nss1,(MCS0)_4TX	20.69	0.11722
802.11be EHT40_Nss1,(MCS0)_4TX	23.95	0.24831
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.68	0.11695
802.11be EHT80_Nss1,(MCS0)_4TX	23.88	0.24434
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.67	0.11668
802.11be EHT160_Nss1,(MCS0)_4TX	23.92	0.24660
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.77	0.11940
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.89	0.02449
802.11be EHT20_Nss1,(MCS0)_4TX	15.25	0.03350
802.11be EHT20-BF_Nss1,(MCS0)_4TX	14.75	0.02985
802.11be EHT40_Nss1,(MCS0)_4TX	14.76	0.02992
802.11be EHT40-BF_Nss1,(MCS0)_4TX	11.54	0.01426
802.11be EHT80_Nss1,(MCS0)_4TX	6.72	0.00470
802.11be EHT80-BF_Nss1,(MCS0)_4TX	6.72	0.00470



Average Power_UNII 2A-2C
Parent Device / FCC ID: Z8H89FT0086

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.77	14.99	14.46	15.10	14.93	20.90	23.98
5300MHz	Pass	4.77	14.93	14.61	15.00	14.85	20.87	23.98
5320MHz	Pass	4.77	14.88	14.51	14.92	15.06	20.87	23.98
5500MHz	Pass	5.71	15.41	14.72	15.05	15.35	21.16	23.98
5580MHz	Pass	5.71	15.35	14.62	15.06	15.04	21.05	23.98
5700MHz	Pass	5.71	15.17	14.72	14.70	15.39	21.03	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.71	14.18	13.47	13.48	13.72	19.74	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.95	8.38	7.58	7.66	7.82	13.89	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.77	15.60	14.85	15.90	15.54	21.51	23.98
5300MHz	Pass	4.77	15.39	15.31	15.71	15.45	21.49	23.98
5320MHz	Pass	4.77	15.41	15.06	15.50	15.58	21.41	23.98
5500MHz	Pass	5.71	15.72	15.06	15.42	15.81	21.53	23.98
5580MHz	Pass	5.71	15.74	15.17	15.60	15.69	21.58	23.98
5700MHz	Pass	5.71	15.76	15.12	15.11	15.80	21.48	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.71	14.51	13.81	13.83	14.01	20.07	22.85
5720MHz Straddle 5.725-5.85GHz	Pass	5.95	9.81	8.97	8.99	9.08	15.25	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.77	17.81	17.29	17.85	17.83	23.72	23.98
5310MHz	Pass	4.77	17.13	16.92	17.47	17.29	23.23	23.98
5510MHz	Pass	5.71	17.72	17.40	17.92	18.03	23.79	23.98
5550MHz	Pass	5.71	18.30	17.51	17.85	18.03	23.95	23.98
5670MHz	Pass	5.71	17.85	17.29	17.54	17.54	23.58	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.71	18.05	17.57	17.53	17.97	23.81	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.95	9.09	8.40	8.73	8.70	14.76	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.77	17.70	17.12	17.81	17.66	23.60	23.98
5530MHz	Pass	5.71	18.20	17.38	17.79	18.02	23.88	23.98
5610MHz	Pass	5.71	14.72	13.85	14.24	14.24	20.29	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.71	13.49	12.78	12.80	13.27	19.12	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.95	1.38	0.10	0.48	0.73	6.72	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.53	15.01	14.56	14.76	14.68	20.78	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.77	15.11	14.54	14.88	14.84	20.87	23.98
5570MHz	Pass	5.71	18.36	17.57	17.94	17.69	23.92	23.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.31	14.31	14.00	14.80	14.56	20.45	20.67
5300MHz	Pass	9.31	14.37	14.27	14.69	14.42	20.46	20.67
5320MHz	Pass	9.31	14.26	14.14	14.58	14.55	20.41	20.67
5500MHz	Pass	9.18	14.84	14.24	14.75	14.81	20.69	20.80
5580MHz	Pass	9.18	14.83	14.10	14.63	14.63	20.58	20.80
5700MHz	Pass	9.18	14.78	14.17	14.50	14.96	20.63	20.80
5720MHz Straddle 5.47-5.725GHz	Pass	9.18	14.04	13.23	13.26	13.53	19.55	19.67
5720MHz Straddle 5.725-5.85GHz	Pass	8.43	9.26	8.61	8.44	8.55	14.75	27.57
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.31	14.35	14.12	14.77	14.61	20.49	20.67
5310MHz	Pass	9.31	14.25	14.21	14.53	14.40	20.37	20.67
5510MHz	Pass	9.18	14.71	14.10	14.60	14.73	20.56	20.80
5550MHz	Pass	9.18	14.76	14.21	14.67	14.76	20.63	20.80
5670MHz	Pass	9.18	14.70	14.14	14.83	14.91	20.68	20.80
5710MHz Straddle 5.47-5.725GHz	Pass	9.18	14.86	14.30	14.49	14.70	20.61	20.80
5710MHz Straddle 5.725-5.85GHz	Pass	8.43	5.85	5.02	5.61	5.55	11.54	27.57
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.31	14.21	14.00	14.55	14.41	20.32	20.67



Average Power_UNII 2A-2C
Parent Device / FCC ID: Z8H89FT0086

Appendix C.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5530MHz	Pass	9.18	14.96	14.17	14.65	14.79	20.67	20.80
5610MHz	Pass	9.18	14.72	13.85	14.24	14.24	20.29	20.80
5690MHz Straddle 5.47-5.725GHz	Pass	9.18	13.49	12.78	12.80	13.27	19.12	20.80
5690MHz Straddle 5.725-5.85GHz	Pass	8.43	1.38	0.10	0.48	0.73	6.72	27.57
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.62	14.12	13.92	14.05	13.90	20.02	27.38
5250MHz Straddle 5.25-5.35GHz	Pass	9.31	14.42	14.02	14.39	14.17	20.27	20.67
5570MHz	Pass	9.18	15.14	14.27	14.70	14.86	20.77	20.80

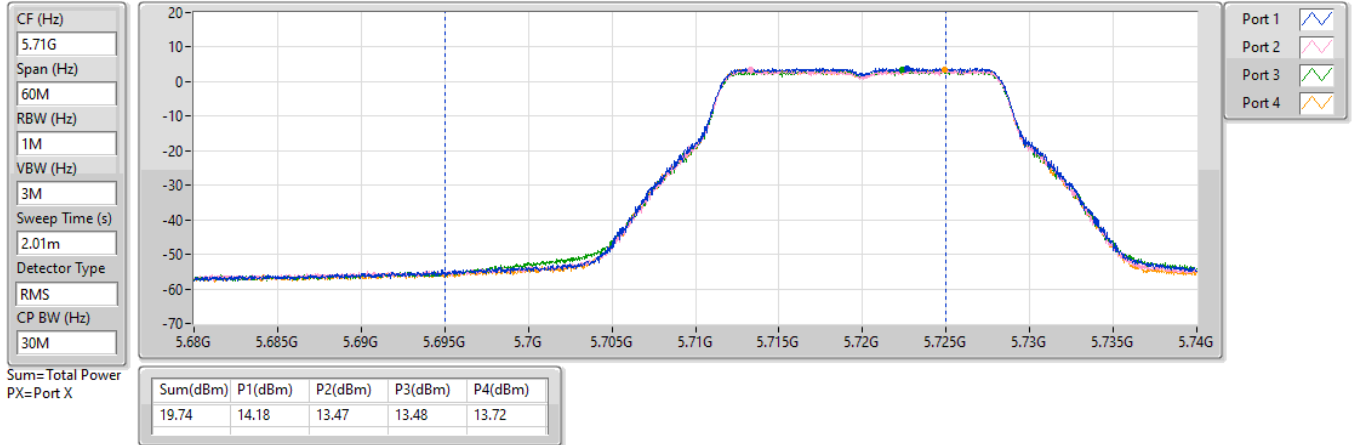
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

04/01/2025

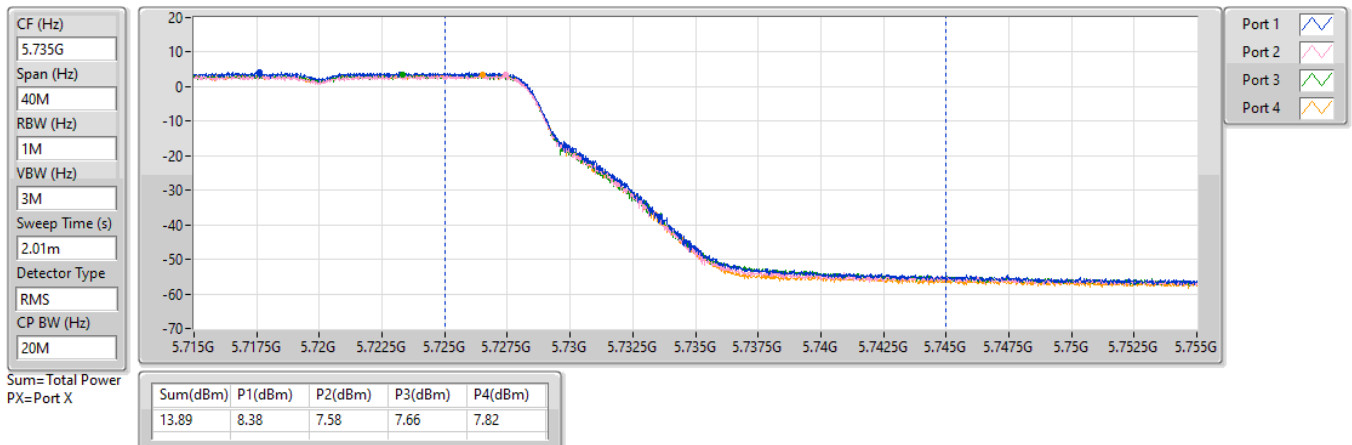


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

04/01/2025

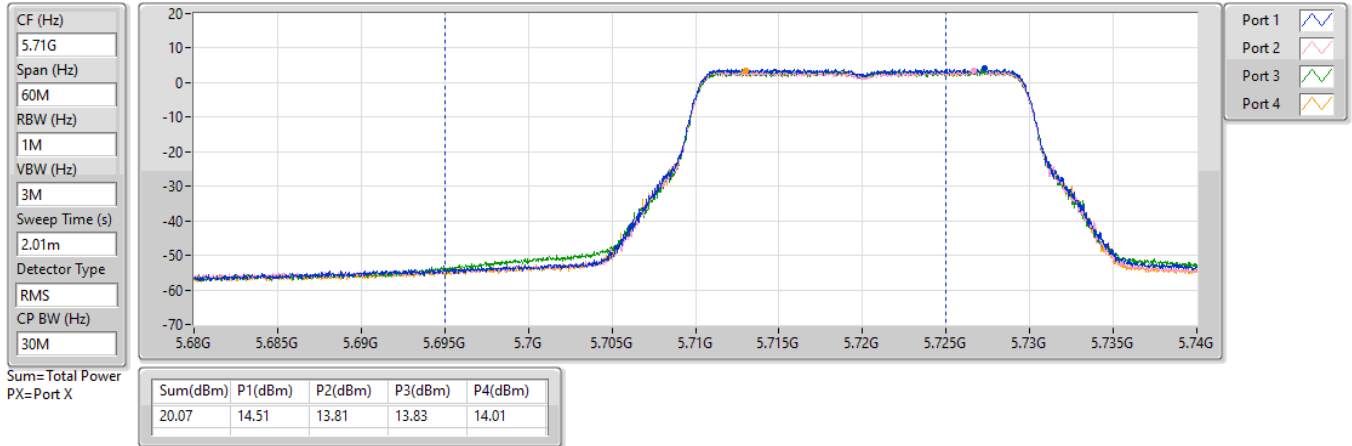


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

04/01/2025

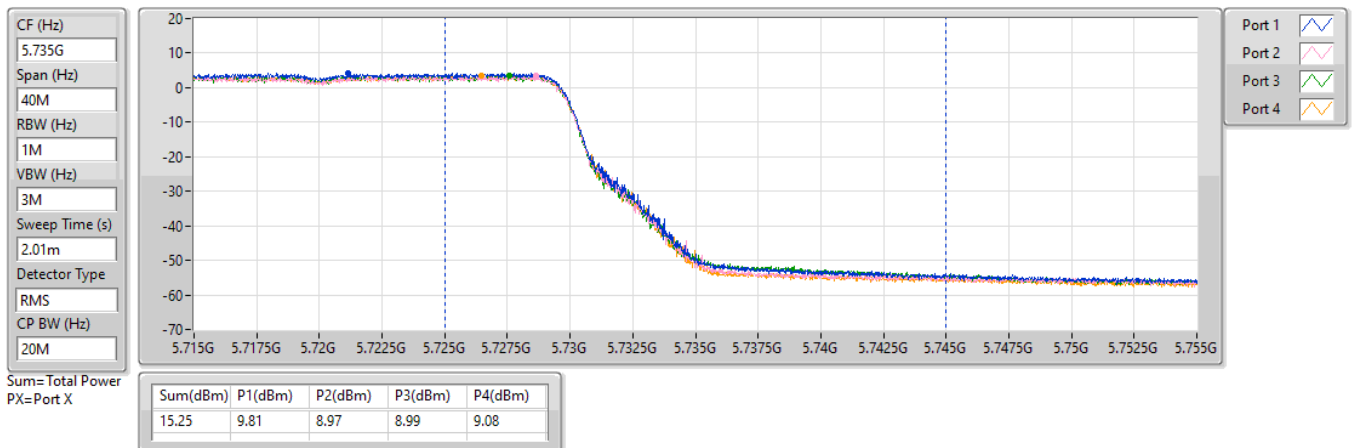


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

04/01/2025

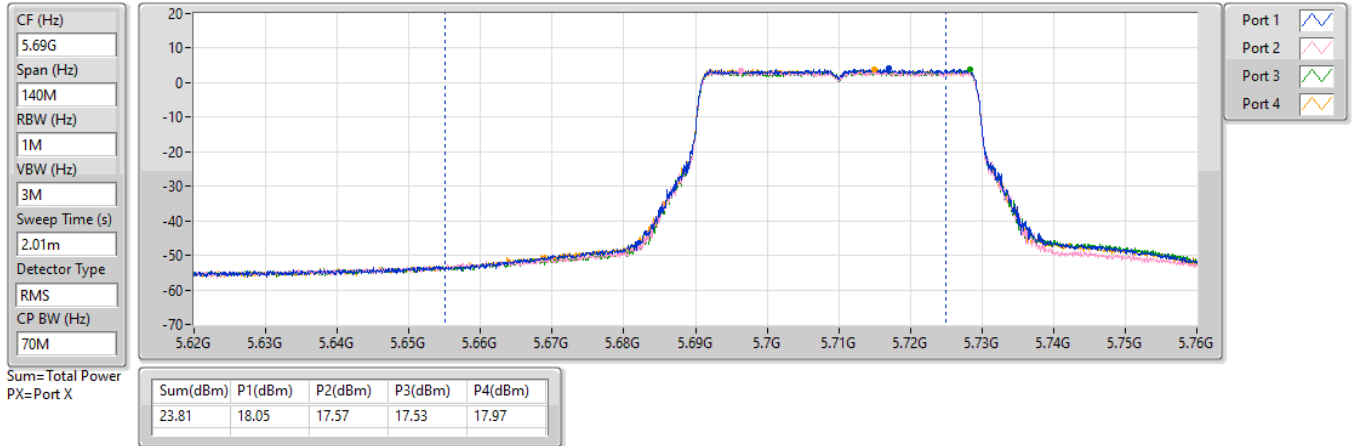


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

04/01/2025

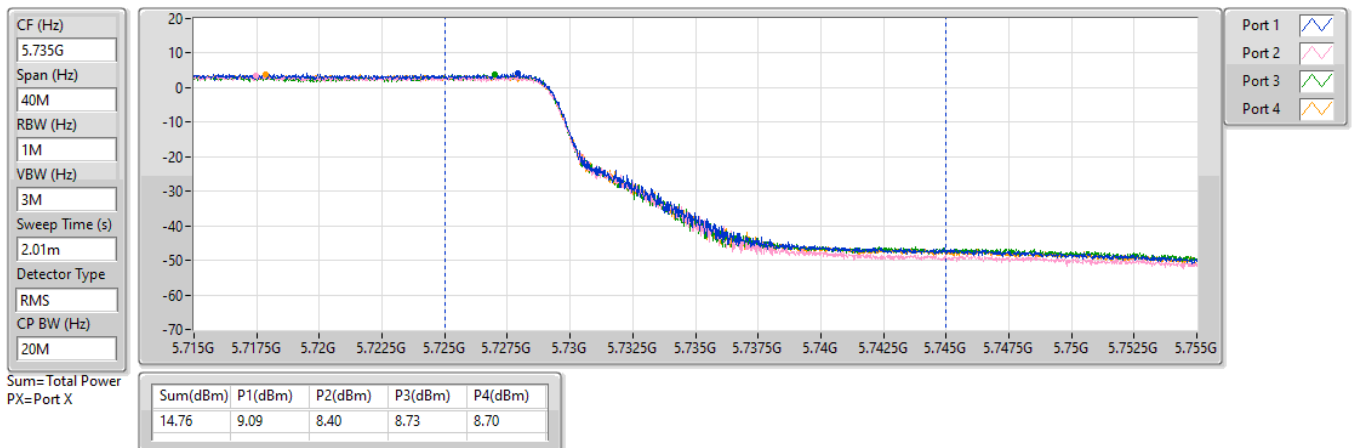


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

04/01/2025

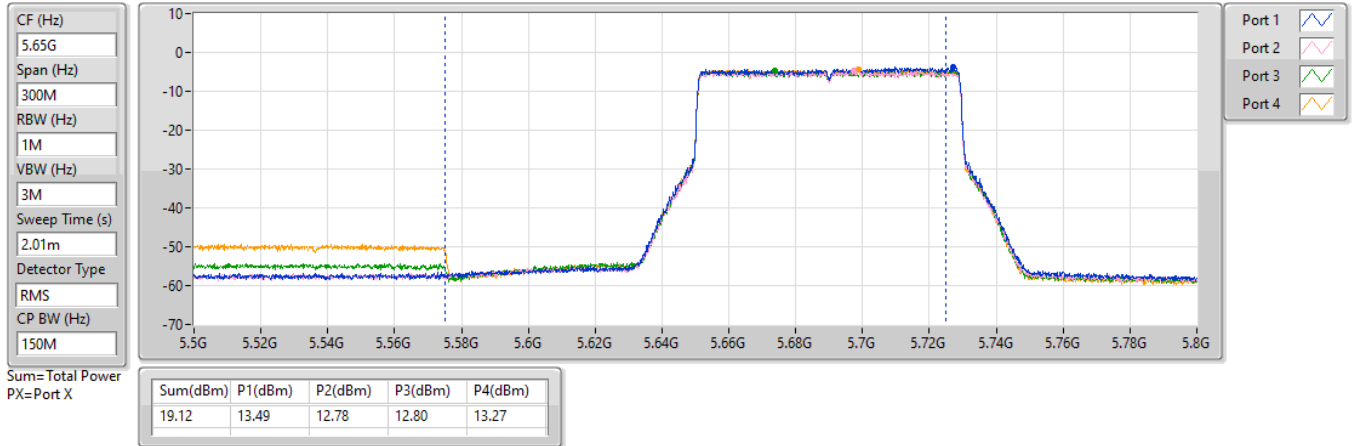


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

04/01/2025

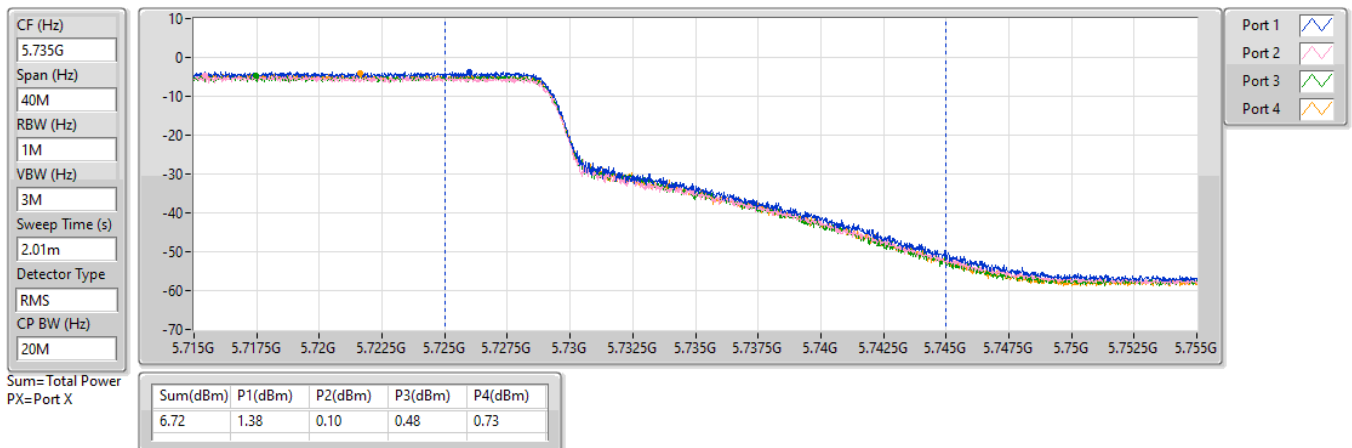


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

04/01/2025

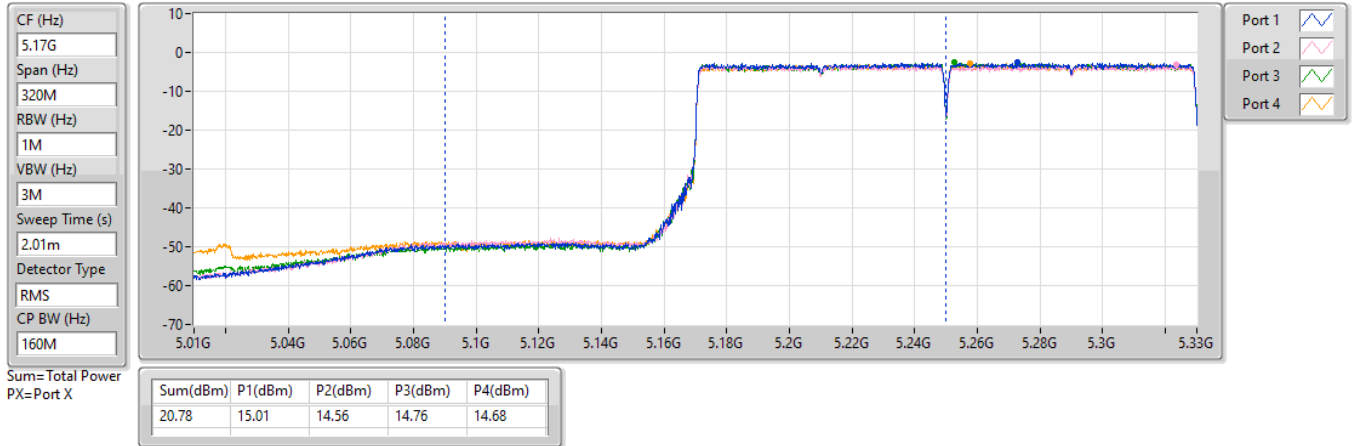


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

04/01/2025

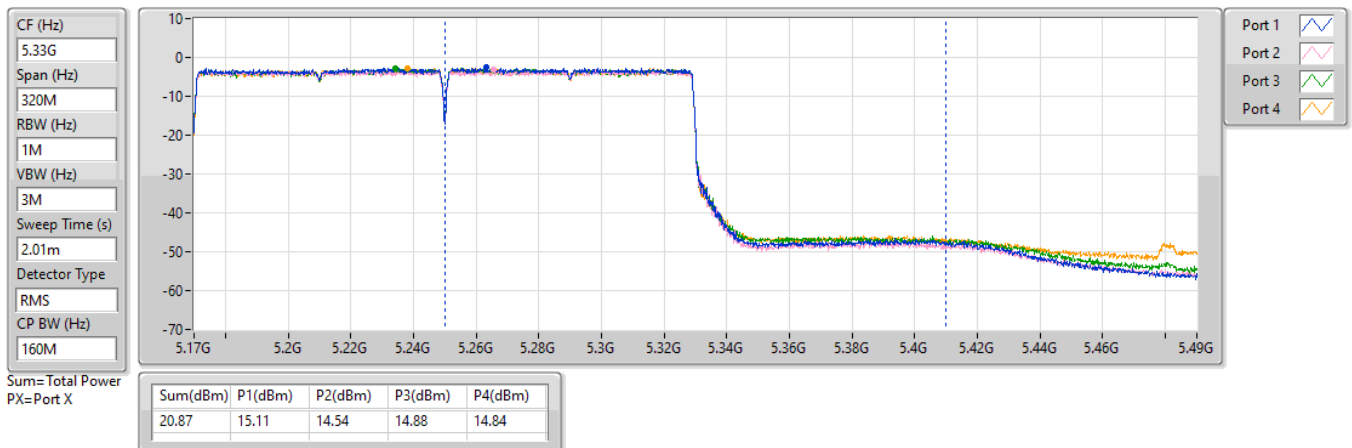


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

04/01/2025

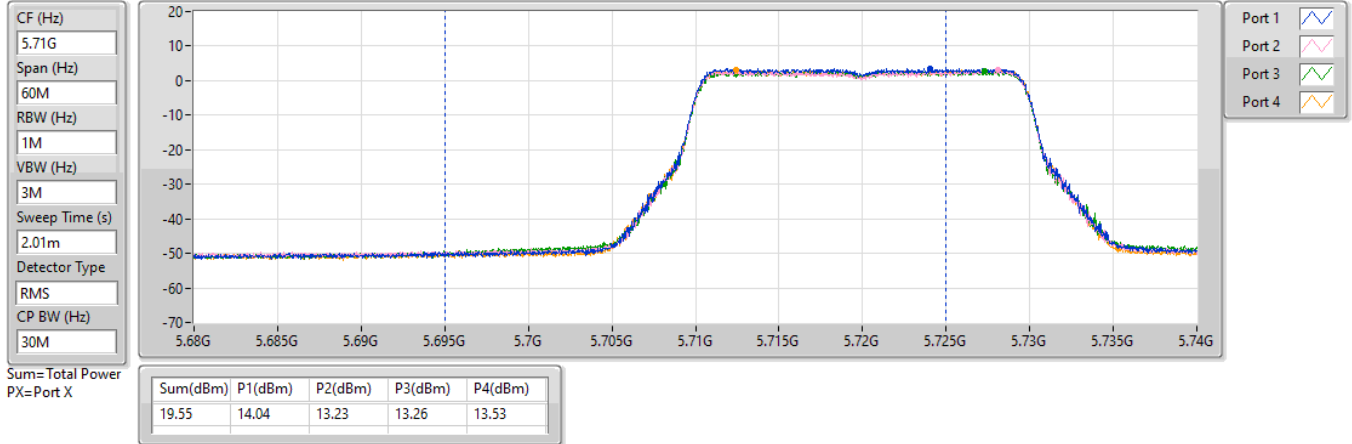


5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

23/01/2025

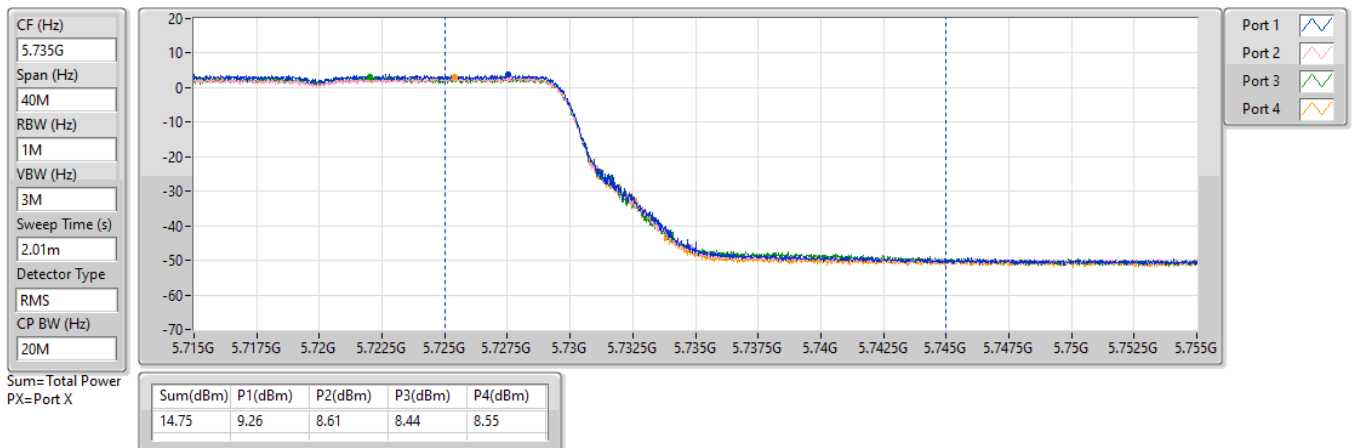


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

23/01/2025

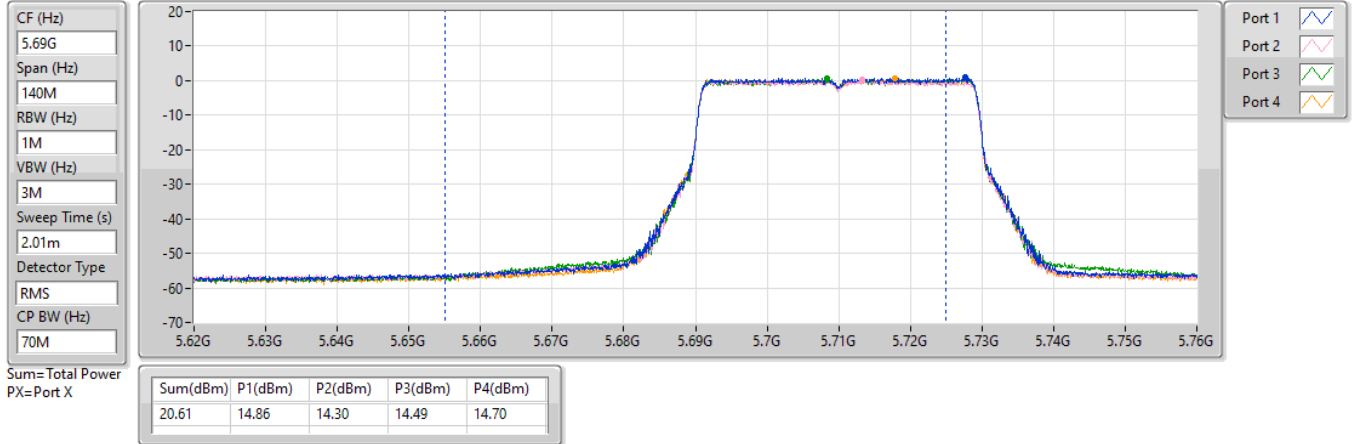


5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

06/01/2025

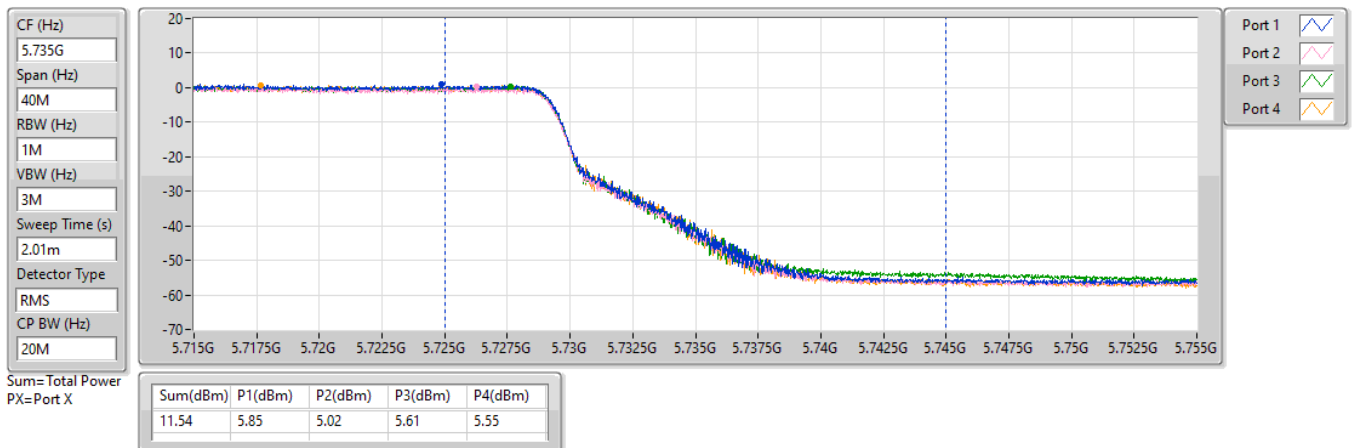


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

06/01/2025

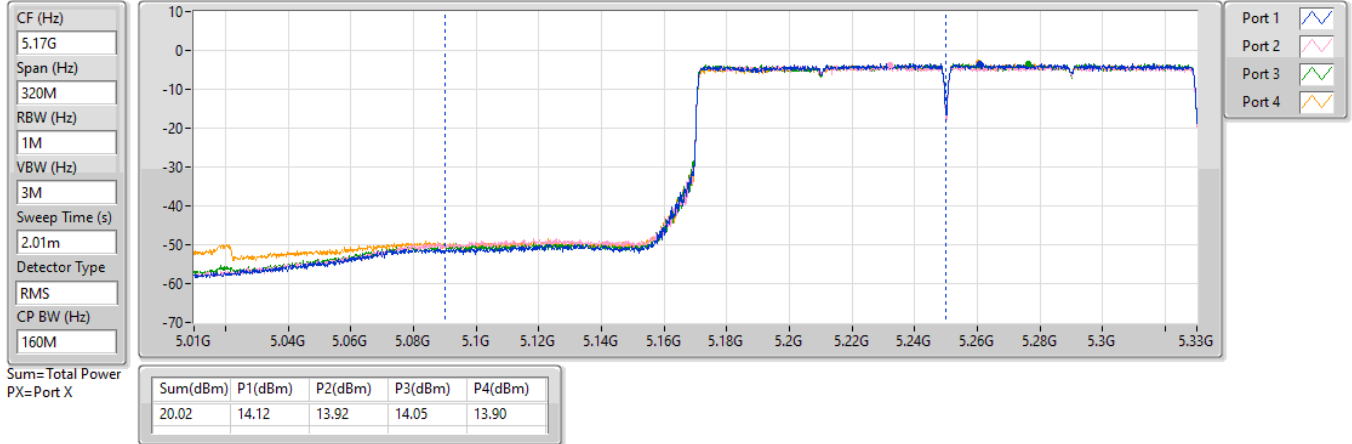


5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

06/01/2025

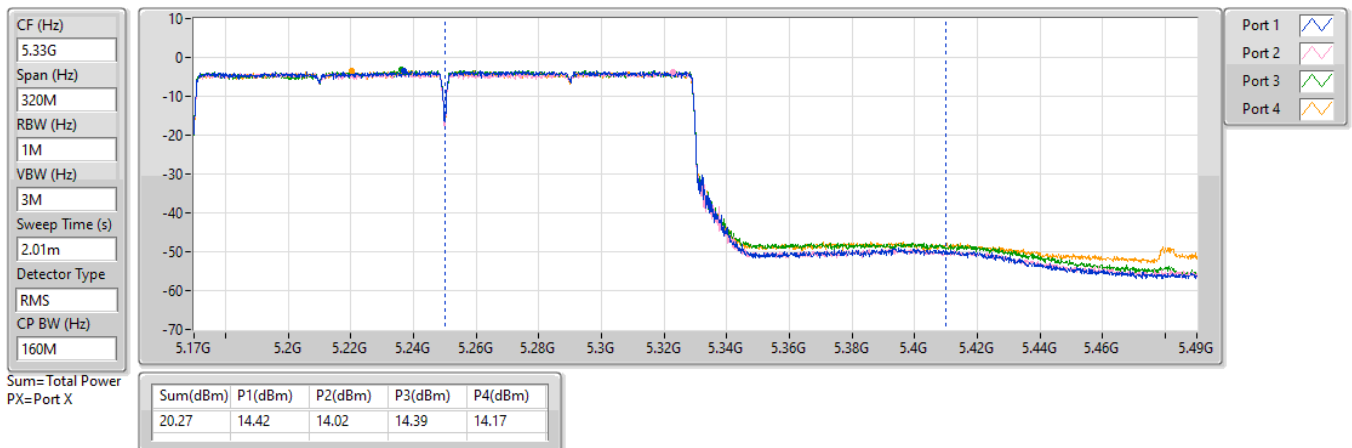


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

06/01/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.34
802.11be EHT20_Nss1,(MCS0)_4TX	14.35
802.11be EHT40_Nss1,(MCS0)_4TX	11.44
802.11be EHT80_Nss1,(MCS0)_4TX	3.59
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.00
802.11be EHT20_Nss1,(MCS0)_4TX	14.43
802.11be EHT40_Nss1,(MCS0)_4TX	11.42
802.11be EHT80_Nss1,(MCS0)_4TX	-0.34

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	8.45	8.06	8.29	8.39	14.24	14.38
5200MHz	Pass	8.62	8.35	8.18	8.41	8.63	14.34	14.38
5240MHz	Pass	8.62	6.96	6.62	7.17	6.95	12.88	14.38
5745MHz	Pass	8.43	8.43	8.12	8.08	8.34	14.16	27.57
5785MHz	Pass	8.43	9.12	8.32	8.87	8.78	14.76	27.57
5825MHz	Pass	8.43	9.14	9.09	8.94	9.01	15.00	27.57
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	6.98	6.66	6.89	6.97	12.81	14.38
5200MHz	Pass	8.62	8.37	8.17	8.40	8.59	14.35	14.38
5240MHz	Pass	8.62	6.63	6.17	6.76	6.62	12.49	14.38
5745MHz	Pass	8.43	7.94	7.64	7.51	7.88	13.69	27.57
5785MHz	Pass	8.43	8.58	7.94	8.34	8.39	14.28	27.57
5825MHz	Pass	8.43	8.69	8.25	8.27	8.50	14.43	27.57
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	1.32	1.21	1.35	1.35	7.19	14.38
5230MHz	Pass	8.62	5.57	5.24	5.74	5.65	11.44	14.38
5755MHz	Pass	8.43	4.47	4.24	3.98	4.68	10.32	27.57
5795MHz	Pass	8.43	5.97	5.12	5.61	5.32	11.42	27.57
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	-2.33	-2.45	-2.24	-2.24	3.59	14.38
5775MHz	Pass	8.43	-5.96	-6.48	-6.81	-5.88	-0.34	27.57

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;
Inf = There's no restriction for the limit.

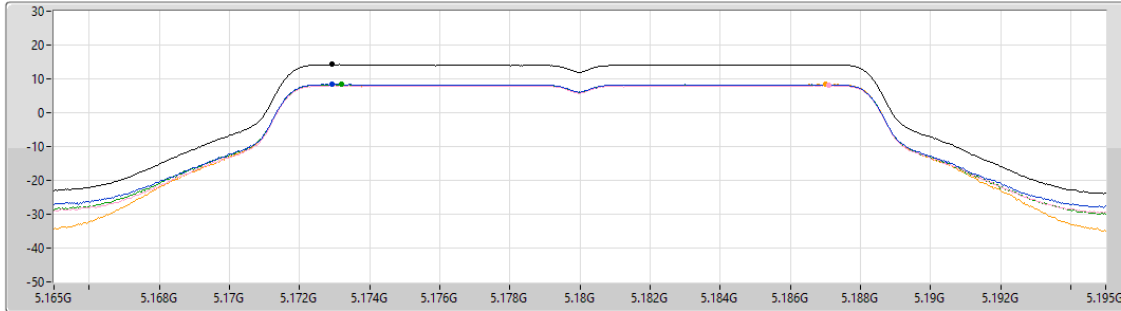
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

04/01/2025

CF (Hz)
 5.18G
 Span (Hz)
 30M
 RBW (Hz)
 1M
 VBW (Hz)
 3M
 Sweep Time (s)
 19.954
 Detector Type
 RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.24	14.24	8.45	8.06	8.29	8.39

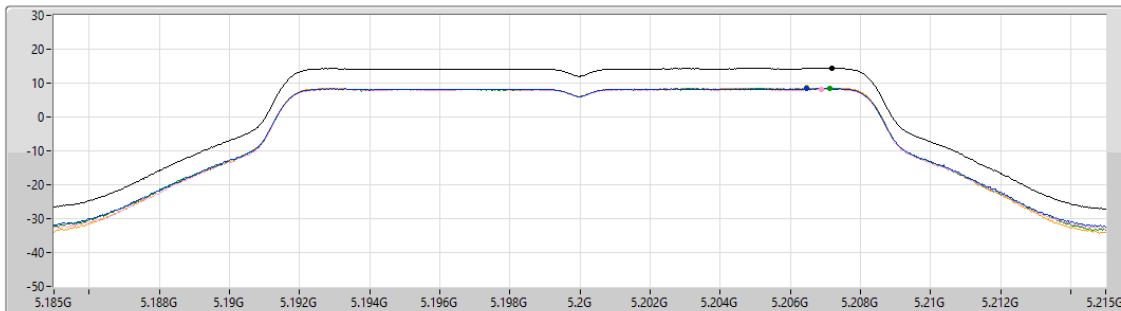
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

04/01/2025

CF (Hz)
 5.2G
 Span (Hz)
 30M
 RBW (Hz)
 1M
 VBW (Hz)
 3M
 Sweep Time (s)
 19.954
 Detector Type
 RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.34	14.34	8.35	8.18	8.41	8.63

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

04/01/2025

CF (Hz)
5.24G

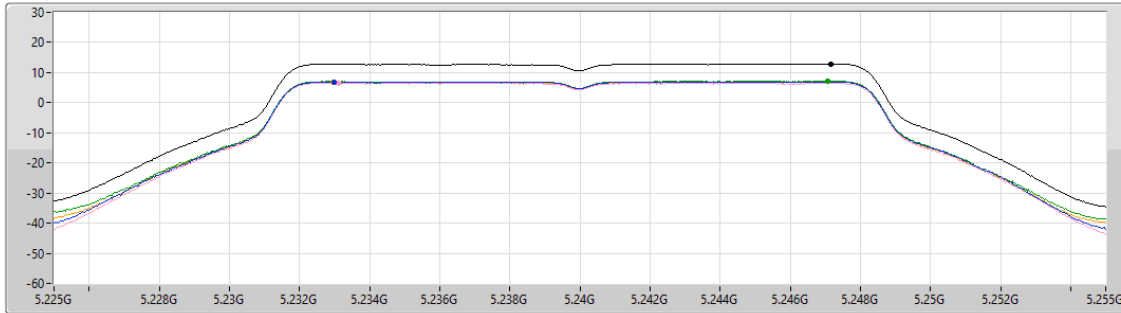
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.88	12.88	6.96	6.62	7.17	6.95

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

04/01/2025

CF (Hz)
5.745G

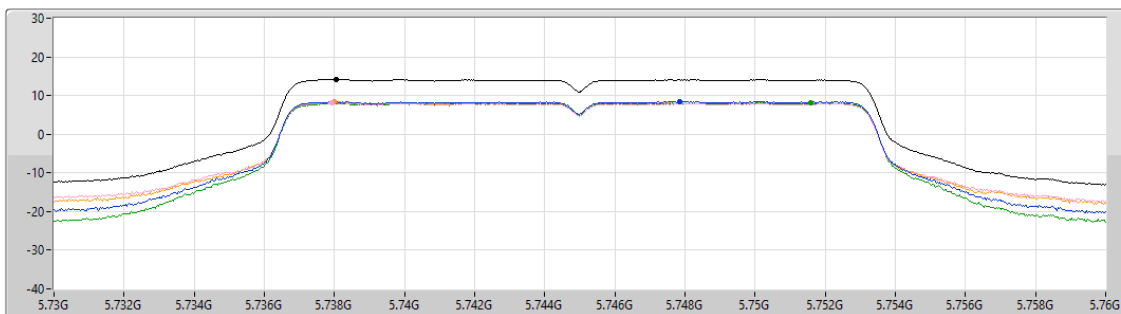
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	8.43	8.12	8.08	8.34

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

04/01/2025

CF (Hz)
5.785G

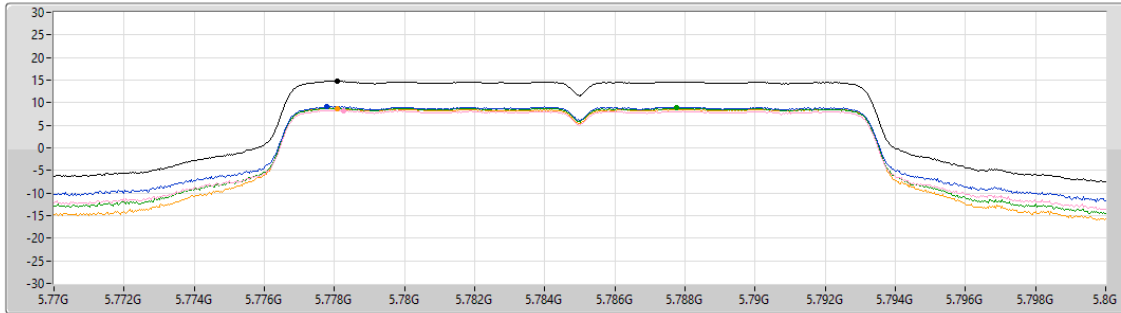
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/500k)	(dBm/500k)	(dBm/500k)	(dBm/500k)	(dBm/500k)	(dBm/500k)
14.76	14.76	9.12	8.32	8.87	8.78

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

04/01/2025

CF (Hz)
5.825G

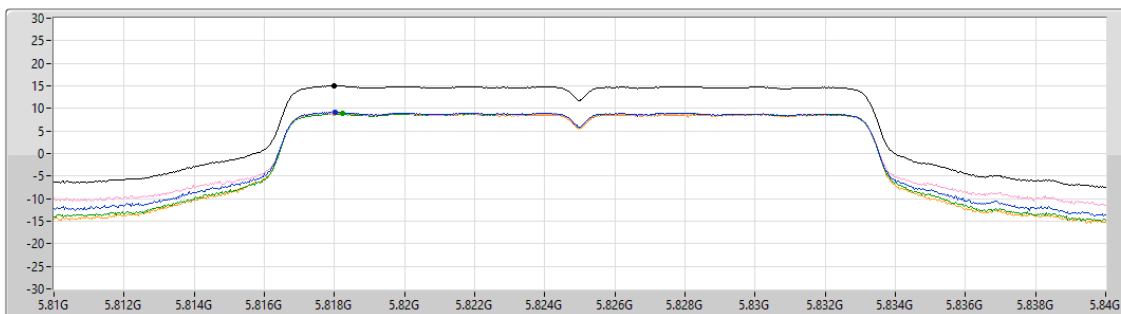
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/500k)	(dBm/500k)	(dBm/500k)	(dBm/500k)	(dBm/500k)	(dBm/500k)
15.00	15.00	9.14	9.09	8.94	9.01

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

04/01/2025

CF (Hz)
5.18G

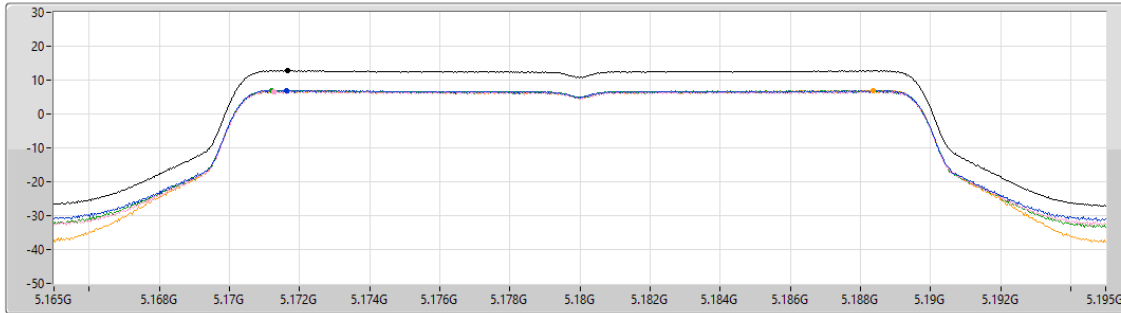
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.81	12.81	6.98	6.66	6.89	6.97

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

04/01/2025

CF (Hz)
5.2G

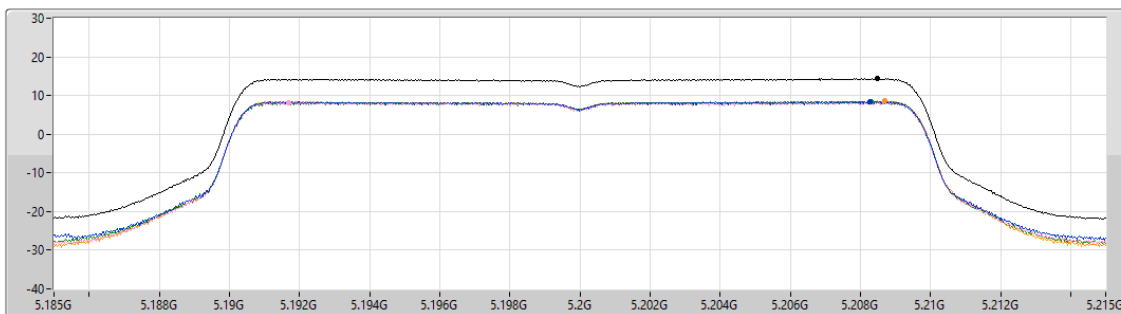
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.35	14.35	8.37	8.17	8.40	8.59

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

04/01/2025

CF (Hz)
5.24G

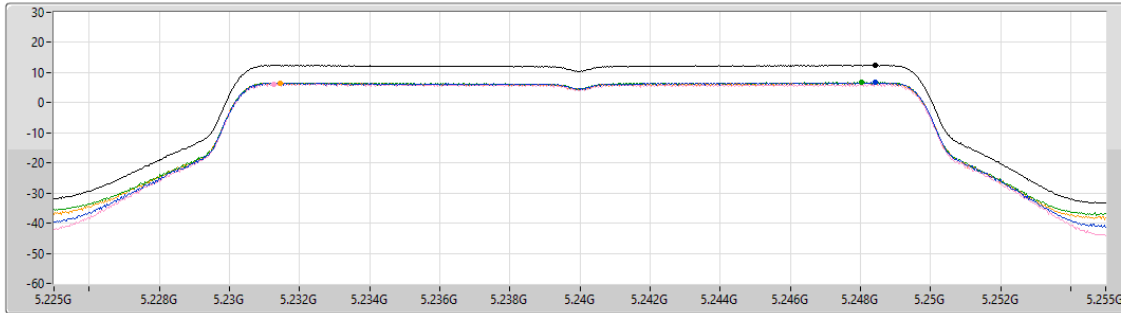
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.49	12.49	6.63	6.17	6.76	6.62

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

04/01/2025

CF (Hz)
5.745G

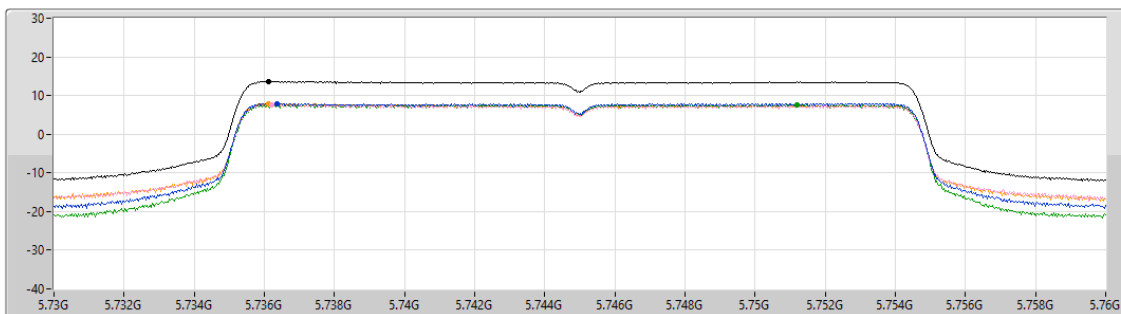
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.69	13.69	7.94	7.64	7.51	7.88

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

04/01/2025

CF (Hz)
5.785G

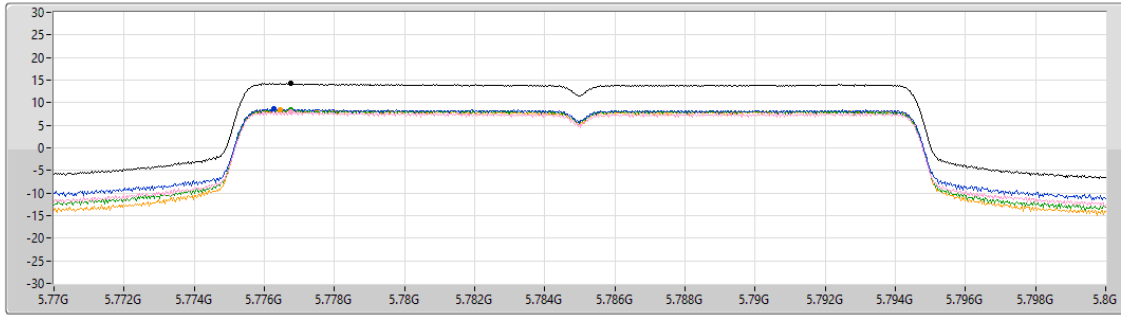
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.28	14.28	8.58	7.94	8.34	8.39

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

04/01/2025

CF (Hz)
5.825G

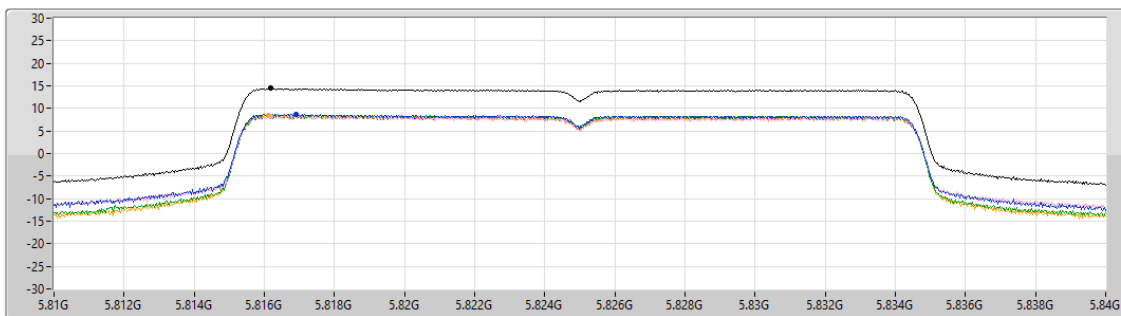
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.43	14.43	8.69	8.25	8.27	8.50

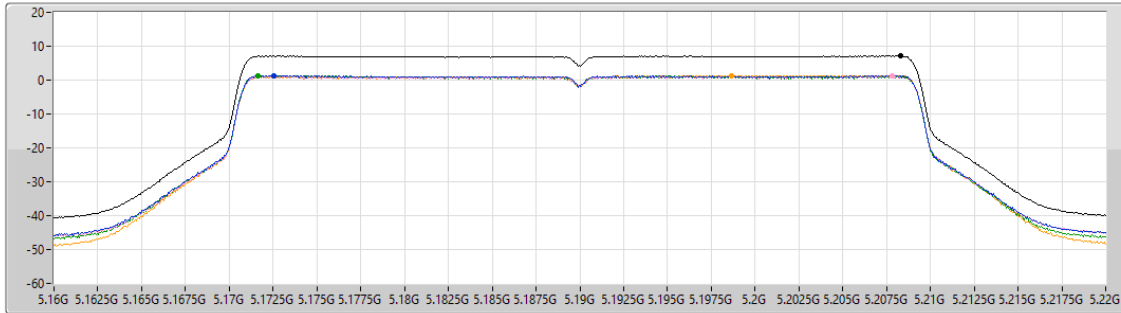
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

04/01/2025

CF (Hz)
5.19G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.19	7.19	1.32	1.21	1.35	1.35

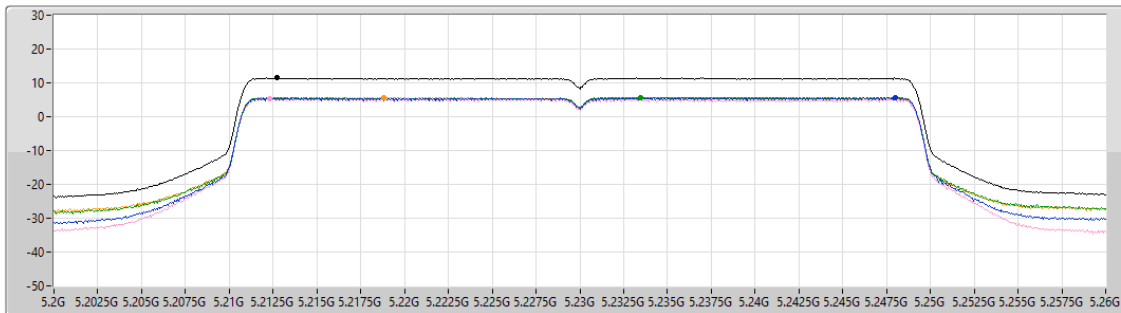
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

04/01/2025

CF (Hz)
5.23G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	5.57	5.24	5.74	5.65

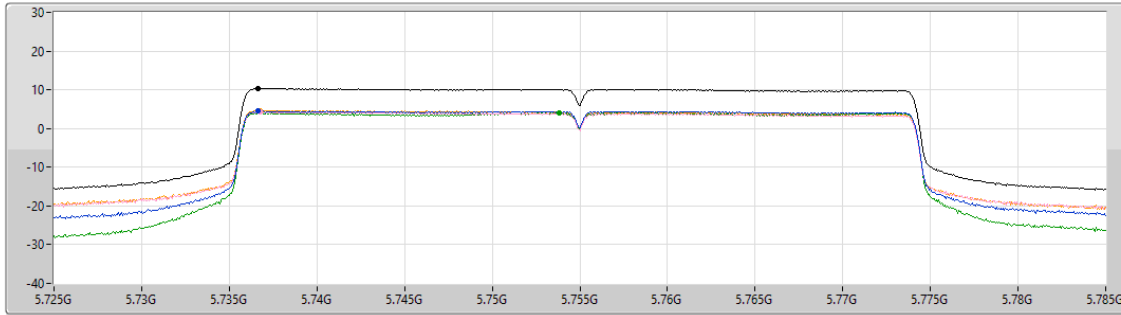
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

04/01/2025

CF (Hz)
5.755G
Span (Hz)
60M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.32	10.32	4.47	4.24	3.98	4.68

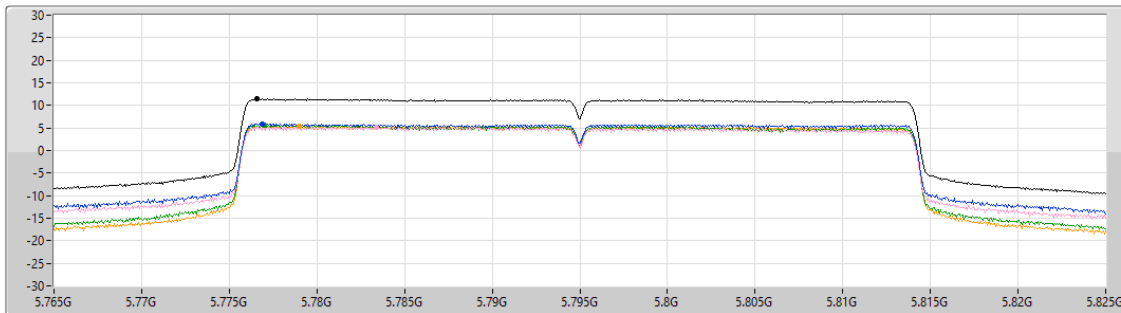
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

04/01/2025

CF (Hz)
5.795G
Span (Hz)
60M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.42	11.42	5.97	5.12	5.61	5.32

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

04/01/2025

CF (Hz)
5.21G

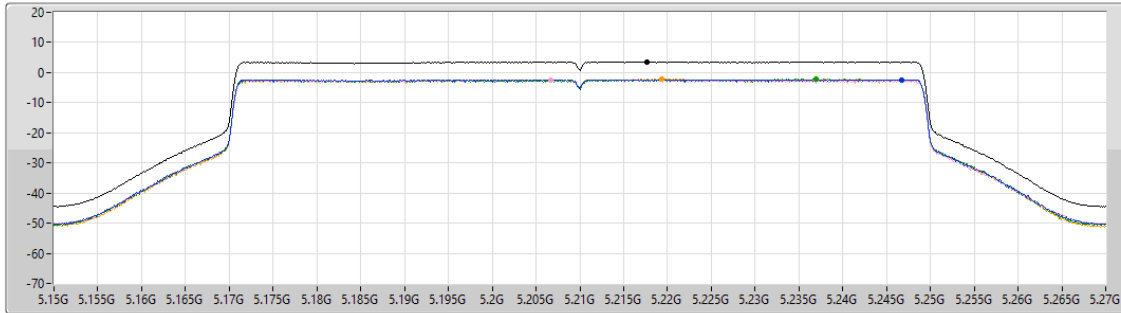
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.59	3.59	-2.33	-2.45	-2.24	-2.24

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

04/01/2025

CF (Hz)
5.775G

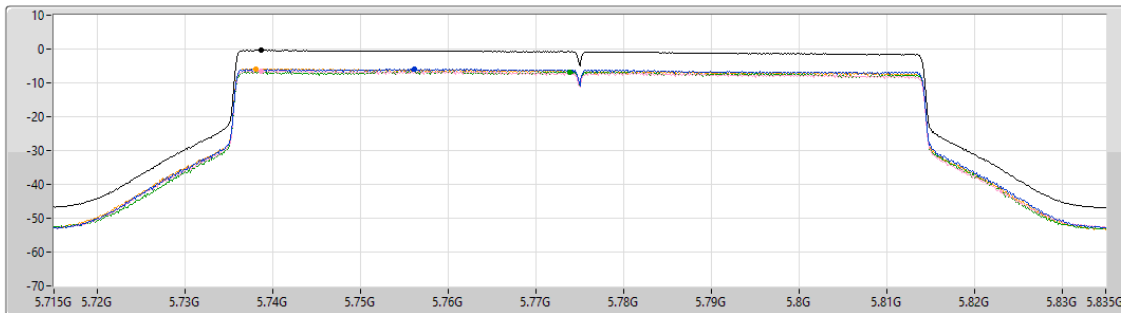
Span (Hz)
120M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.34	-0.34	-5.96	-6.48	-6.81	-5.88



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_4TX	0.95
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.56
802.11be EHT20_Nss1,(MCS0)_4TX	7.64
802.11be EHT40_Nss1,(MCS0)_4TX	6.83
802.11be EHT80_Nss1,(MCS0)_4TX	3.57
802.11be EHT160_Nss1,(MCS0)_4TX	1.00
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.67
802.11be EHT20_Nss1,(MCS0)_4TX	7.79
802.11be EHT40_Nss1,(MCS0)_4TX	7.54
802.11be EHT80_Nss1,(MCS0)_4TX	3.79
802.11be EHT160_Nss1,(MCS0)_4TX	1.21
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.12
802.11be EHT20_Nss1,(MCS0)_4TX	6.08
802.11be EHT40_Nss1,(MCS0)_4TX	6.10
802.11be EHT80_Nss1,(MCS0)_4TX	-1.97

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.31	1.63	1.20	1.93	1.66	7.55	7.69
5300MHz	Pass	9.31	1.59	1.43	1.79	1.74	7.56	7.69
5320MHz	Pass	9.31	1.47	1.22	1.59	1.73	7.48	7.69
5500MHz	Pass	9.18	1.90	1.38	1.80	1.84	7.67	7.82
5580MHz	Pass	9.18	1.80	1.23	1.69	1.62	7.58	7.82
5700MHz	Pass	9.18	1.82	1.24	1.23	1.98	7.53	7.82
5720MHz Straddle 5.47-5.725GHz	Pass	9.18	2.08	1.43	1.39	1.61	7.56	7.82
5720MHz Straddle 5.725-5.85GHz	Pass	8.43	0.64	-0.00	-0.09	0.09	6.12	27.57
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.31	1.69	1.11	1.98	1.87	7.62	7.69
5300MHz	Pass	9.31	1.73	1.51	1.86	1.71	7.64	7.69
5320MHz	Pass	9.31	1.61	1.30	1.67	1.86	7.59	7.69
5500MHz	Pass	9.18	1.80	1.41	1.72	1.91	7.64	7.82
5580MHz	Pass	9.18	1.92	1.49	1.97	1.98	7.79	7.82
5700MHz	Pass	9.18	1.95	1.35	1.29	1.87	7.54	7.82
5720MHz Straddle 5.47-5.725GHz	Pass	9.18	2.02	1.47	1.21	1.69	7.53	7.82
5720MHz Straddle 5.725-5.85GHz	Pass	8.43	0.72	-0.04	-0.11	0.01	6.08	27.57
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.31	0.94	0.68	1.08	1.12	6.83	7.69
5310MHz	Pass	9.31	0.28	-0.01	0.66	0.39	6.28	7.69
5510MHz	Pass	9.18	1.23	0.49	1.02	1.07	6.90	7.82
5550MHz	Pass	9.18	1.34	0.66	1.05	1.34	7.03	7.82
5670MHz	Pass	9.18	1.06	0.36	0.79	0.72	6.71	7.82
5710MHz Straddle 5.47-5.725GHz	Pass	9.18	1.84	1.45	1.37	1.73	7.54	7.82
5710MHz Straddle 5.725-5.85GHz	Pass	8.43	0.59	-0.24	0.07	0.08	6.10	27.57
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.31	-2.38	-2.71	-2.10	-2.26	3.57	7.69
5530MHz	Pass	9.18	-1.83	-2.60	-2.10	-1.86	3.79	7.82
5610MHz	Pass	9.18	-5.23	-6.16	-5.55	-5.38	0.31	7.82
5690MHz Straddle 5.47-5.725GHz	Pass	9.18	-5.94	-6.74	-6.72	-6.18	-0.49	7.82
5690MHz Straddle 5.725-5.85GHz	Pass	8.43	-7.24	-8.51	-8.09	-8.01	-1.97	27.57
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.62	-4.76	-5.40	-4.88	-4.89	0.95	14.38
5250MHz Straddle 5.25-5.35GHz	Pass	9.31	-4.72	-5.23	-4.74	-4.90	1.00	7.69
5570MHz	Pass	9.18	-4.39	-5.13	-4.65	-4.49	1.21	7.82

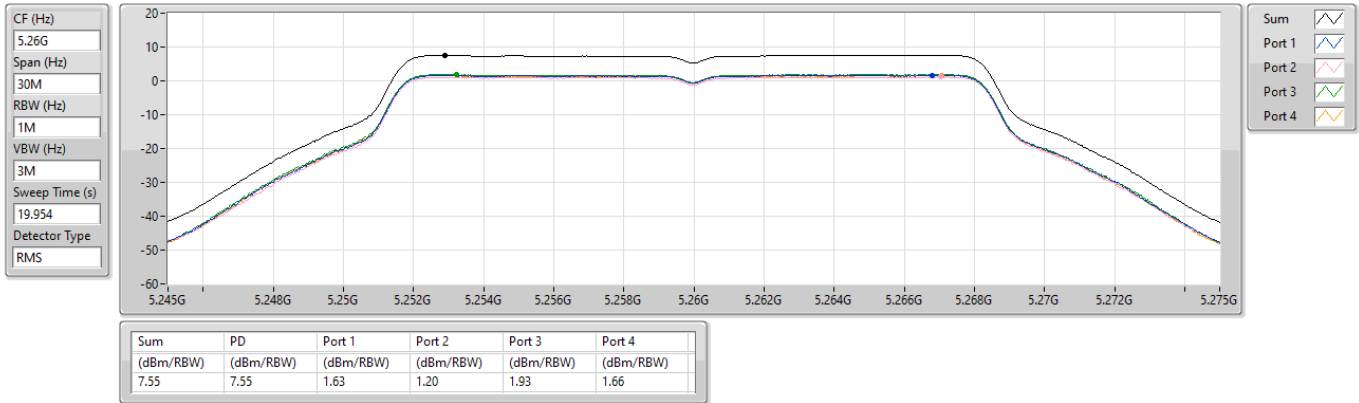
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

04/01/2025

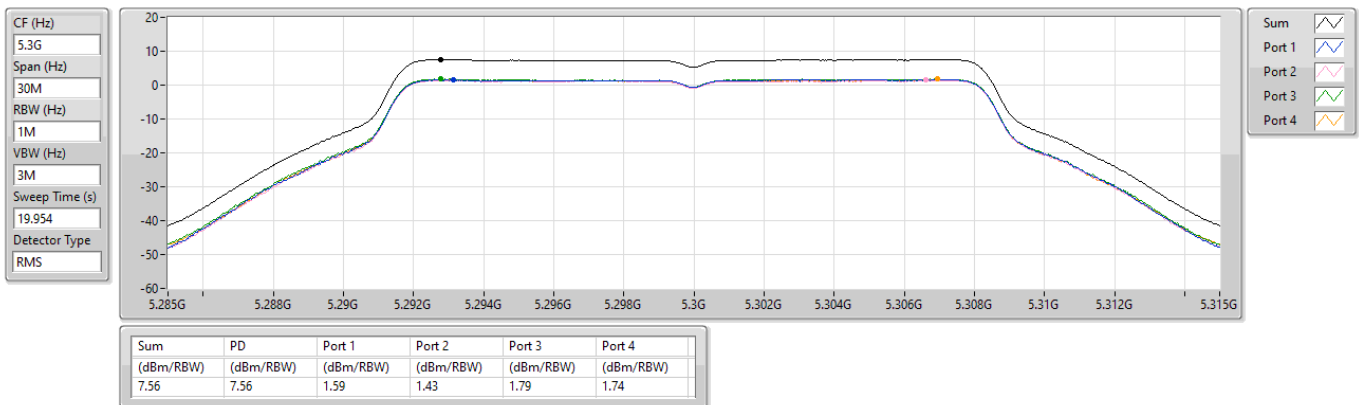


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

04/01/2025



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

04/01/2025

CF (Hz)
5.32G

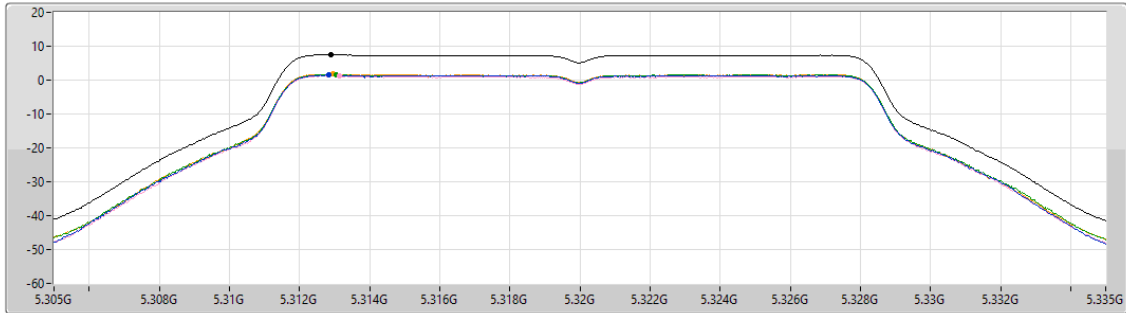
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	1.47	1.22	1.59	1.73

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

04/01/2025

CF (Hz)
5.5G

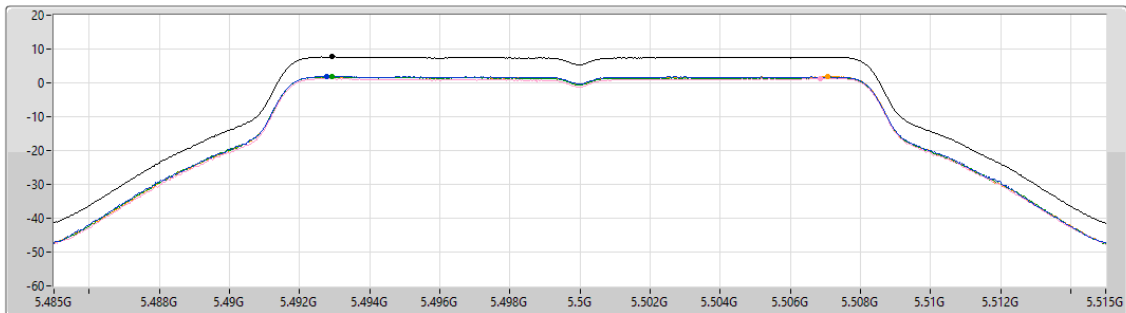
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	1.90	1.38	1.80	1.84

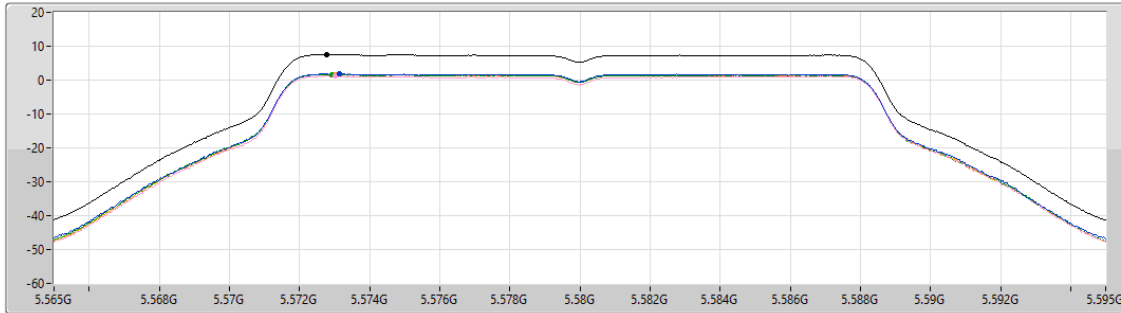
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

04/01/2025

CF (Hz)
5.58G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.954
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	1.80	1.23	1.69	1.62

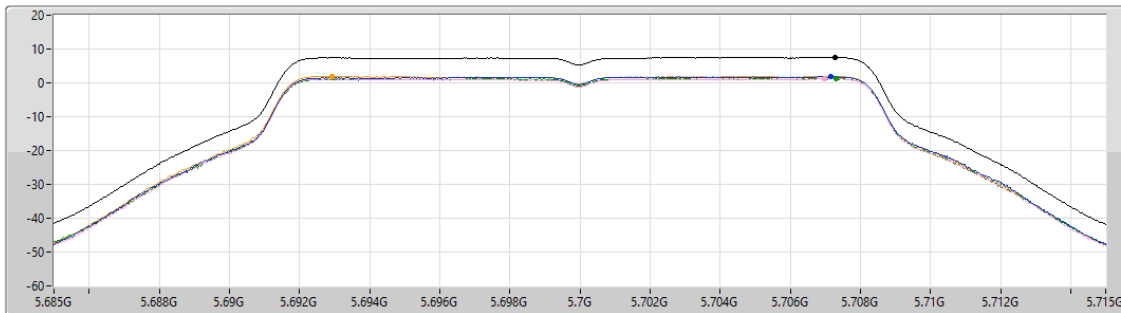
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

04/01/2025

CF (Hz)
5.7G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.954
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

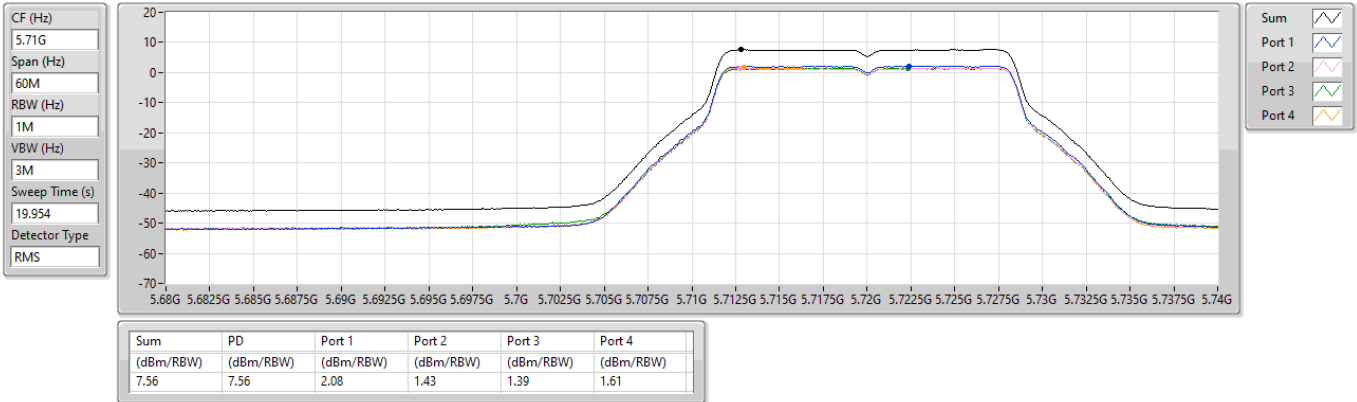
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	1.82	1.24	1.23	1.98

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/01/2025

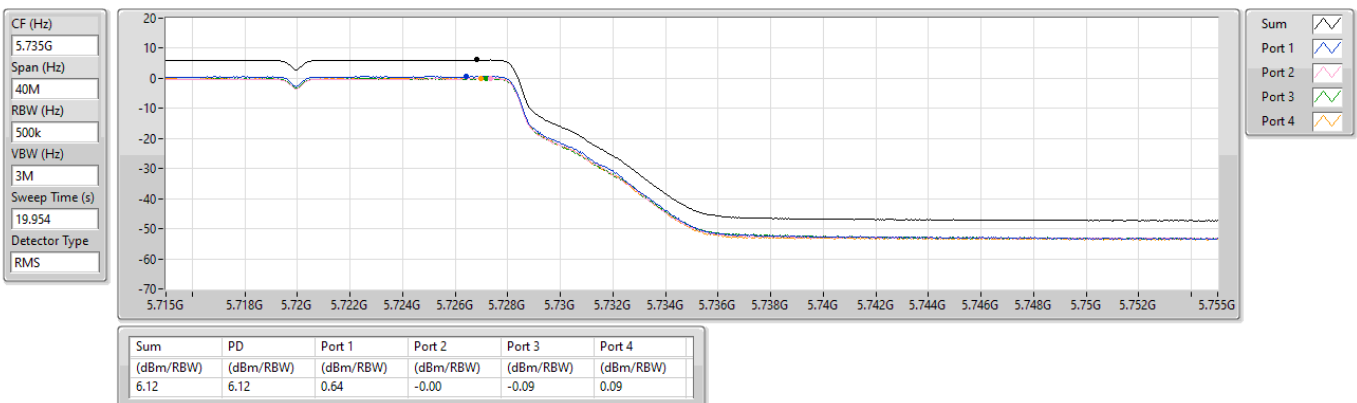


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/01/2025



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

04/01/2025

CF (Hz)
5.26G

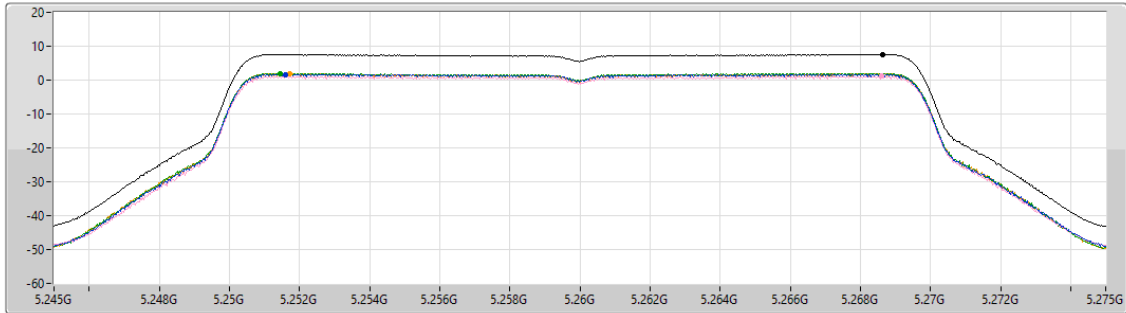
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	1.69	1.11	1.98	1.87

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

04/01/2025

CF (Hz)
5.3G

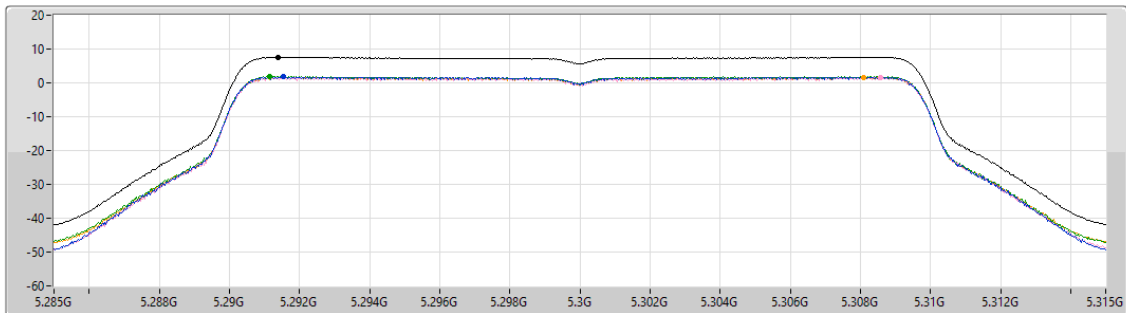
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	1.73	1.51	1.86	1.71

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

04/01/2025

CF (Hz)
5.32G

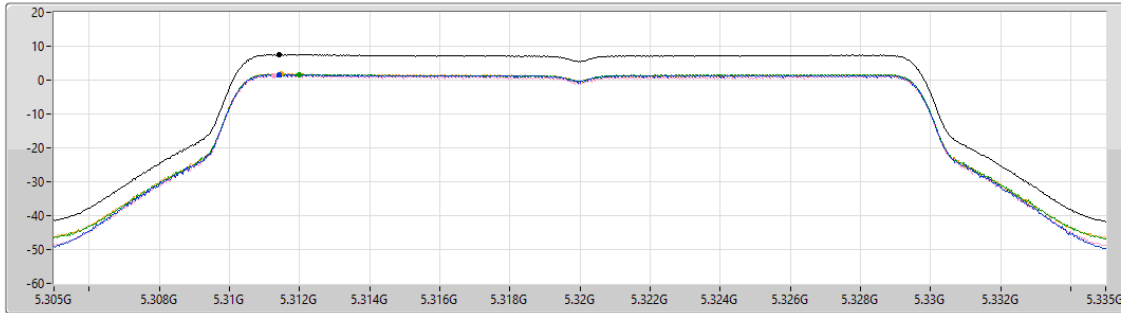
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.59	7.59	1.61	1.30	1.67	1.86

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

04/01/2025

CF (Hz)
5.5G

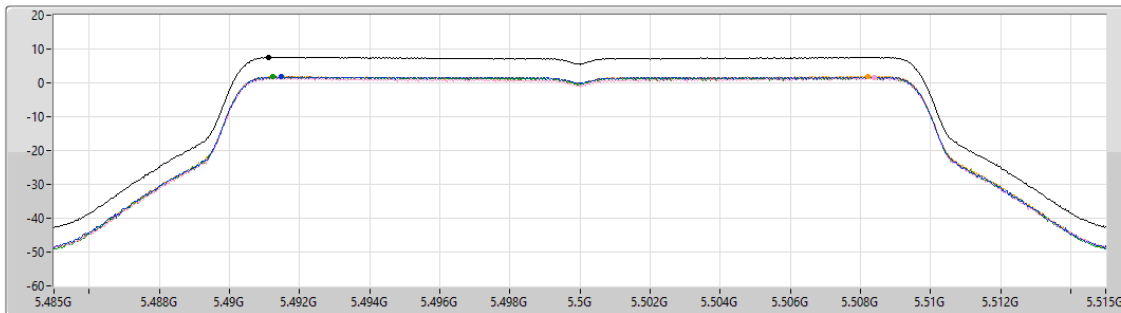
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.64	7.64	1.80	1.41	1.72	1.91

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

04/01/2025

CF (Hz)
5.58G

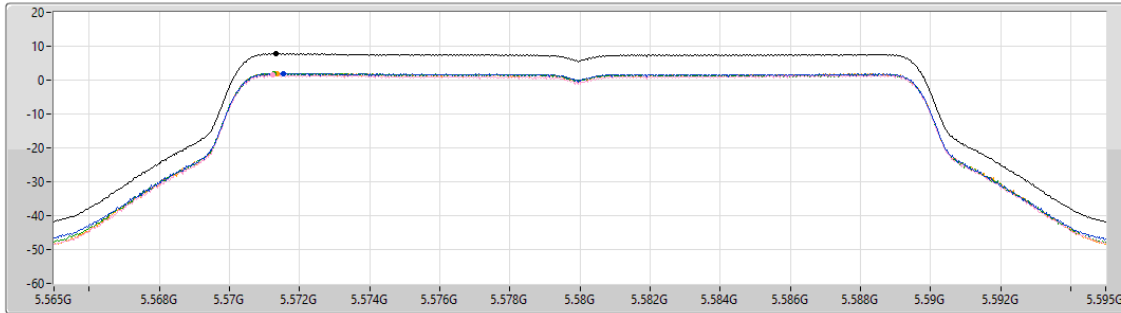
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	1.92	1.49	1.97	1.98

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

04/01/2025

CF (Hz)
5.7G

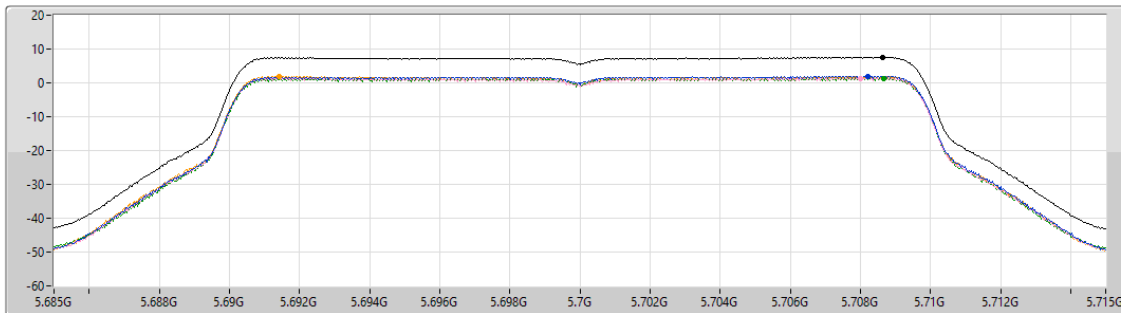
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.052

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

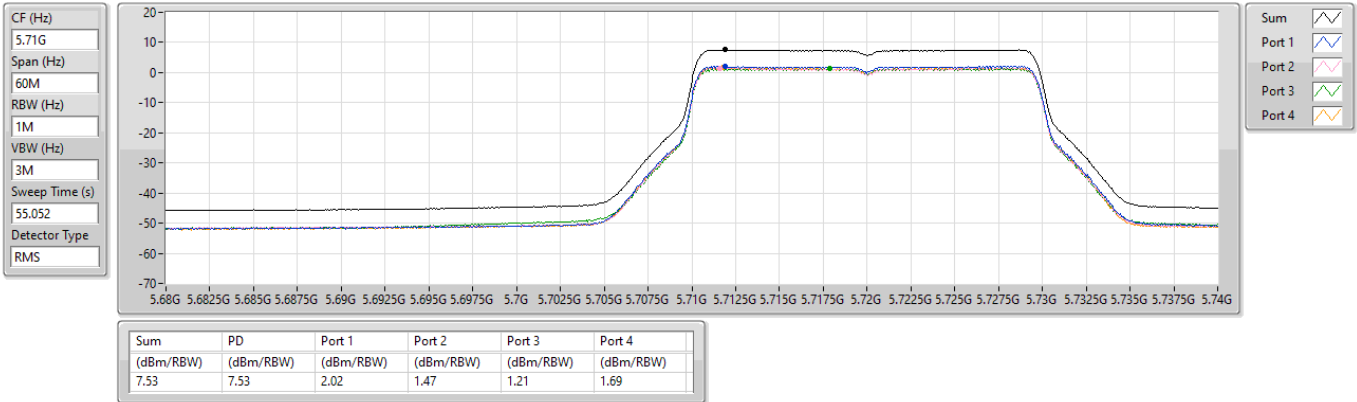
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.95	1.35	1.29	1.87

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/01/2025

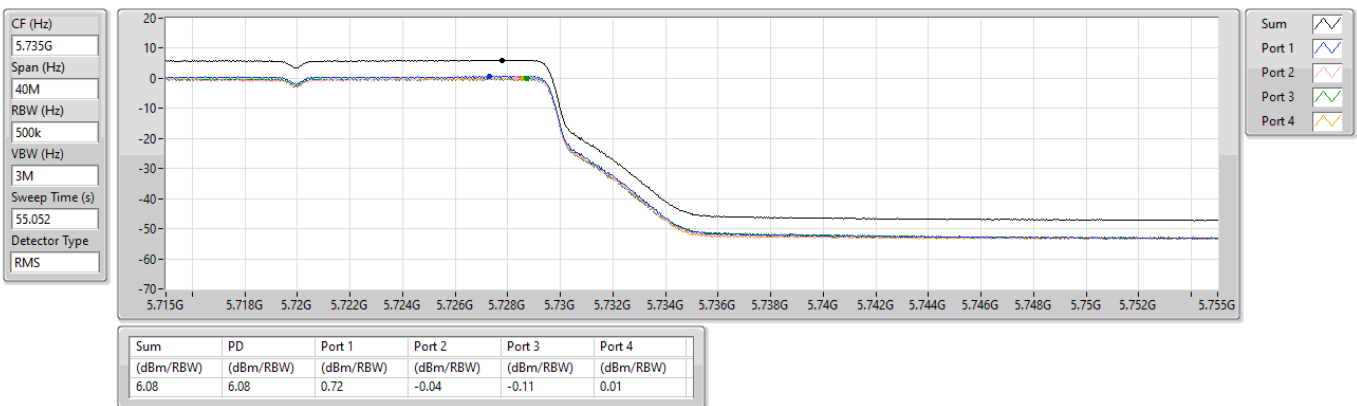


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/01/2025



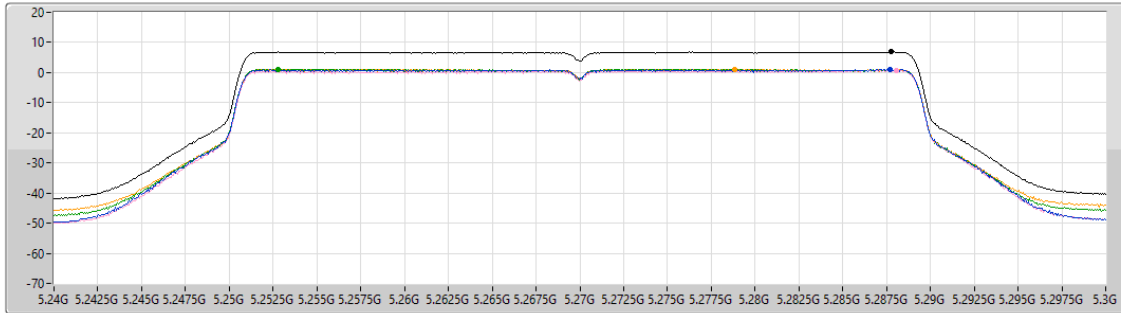
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

04/01/2025

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.83	6.83	0.94	0.68	1.08	1.12

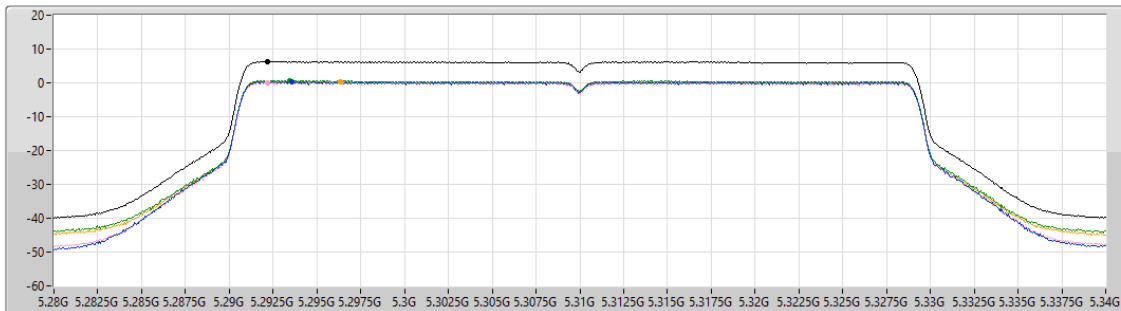
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

04/01/2025

CF (Hz)
5.31G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.28	6.28	0.28	-0.01	0.66	0.39

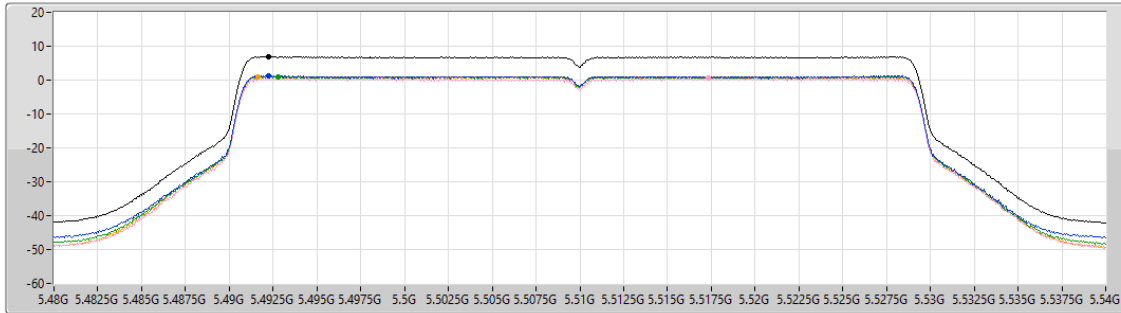
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

04/01/2025

CF (Hz)
5.51G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	1.23	0.49	1.02	1.07

Sum
Port 1
Port 2
Port 3
Port 4

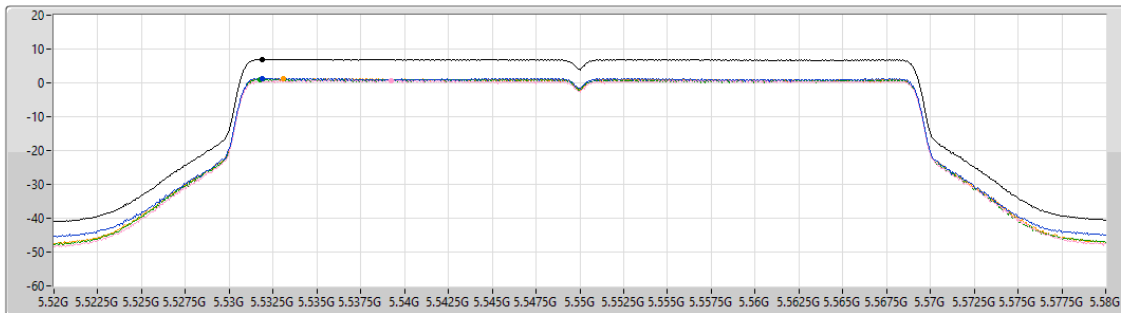
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

04/01/2025

CF (Hz)
5.55G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	1.34	0.66	1.05	1.34

Sum
Port 1
Port 2
Port 3
Port 4

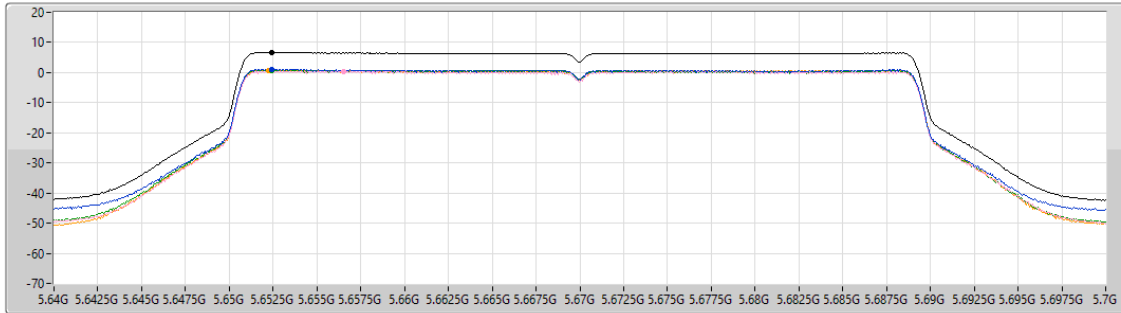
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

04/01/2025

CF (Hz)
5.67G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.71	6.71	1.06	0.36	0.79	0.72

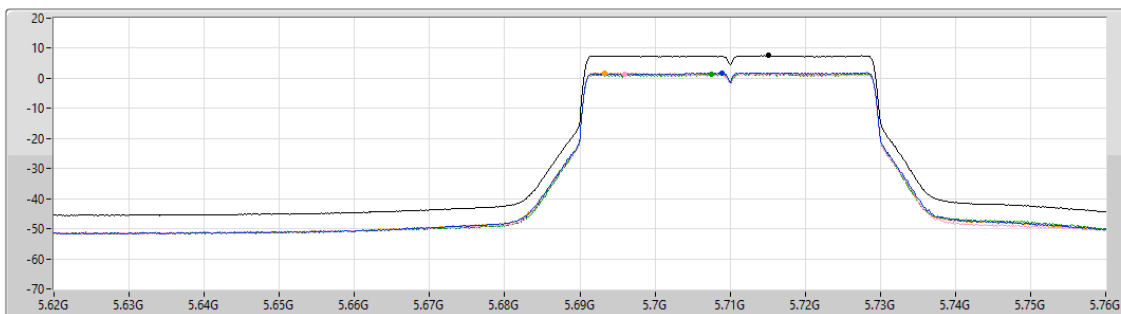
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/01/2025

CF (Hz)
5.69G
Span (Hz)
140M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

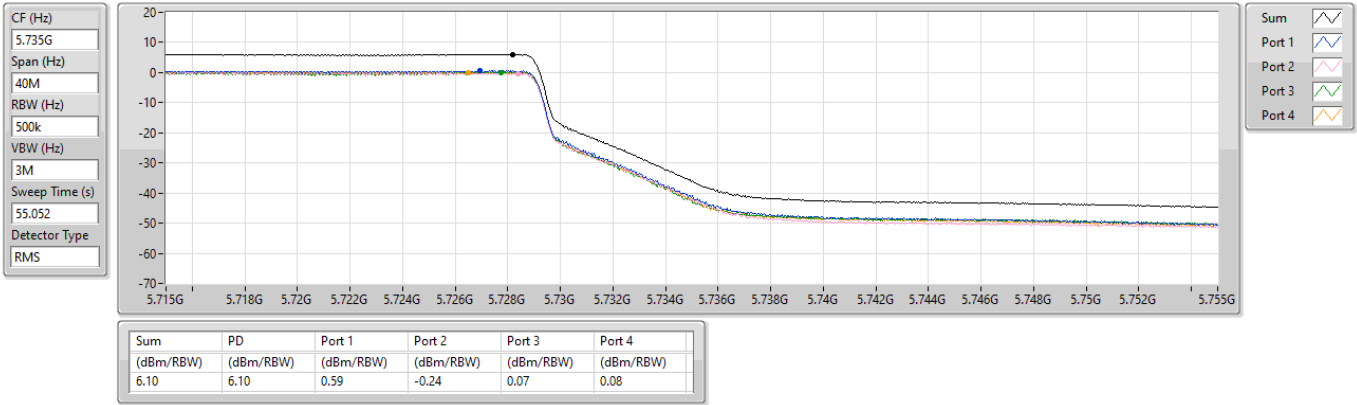
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.54	7.54	1.84	1.45	1.37	1.73

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

04/01/2025

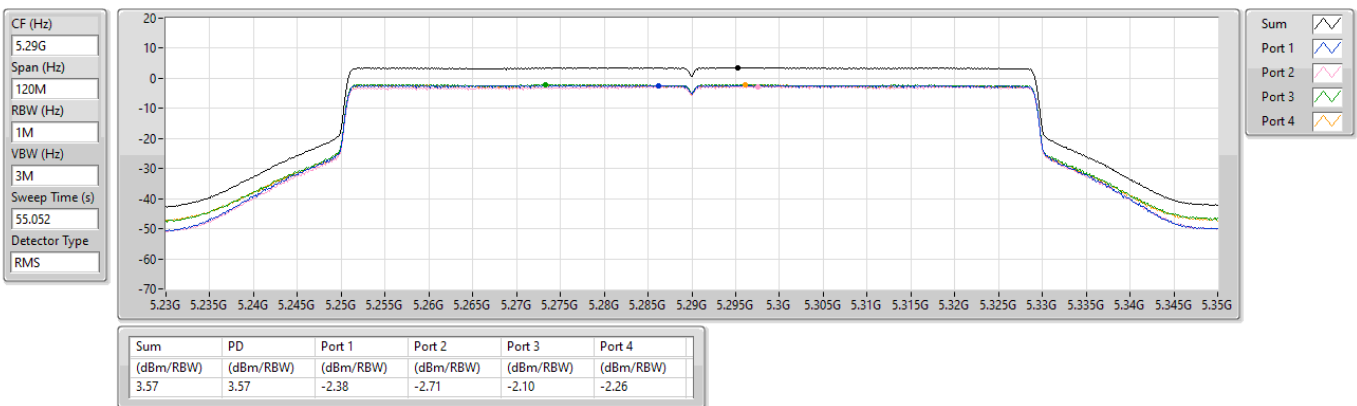


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

04/01/2025



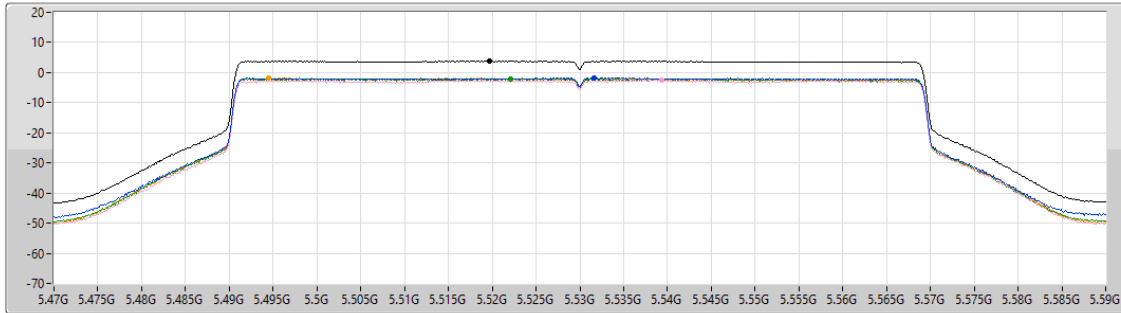
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

04/01/2025

CF (Hz)
5.53G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-1.83	-2.60	-2.10	-1.86

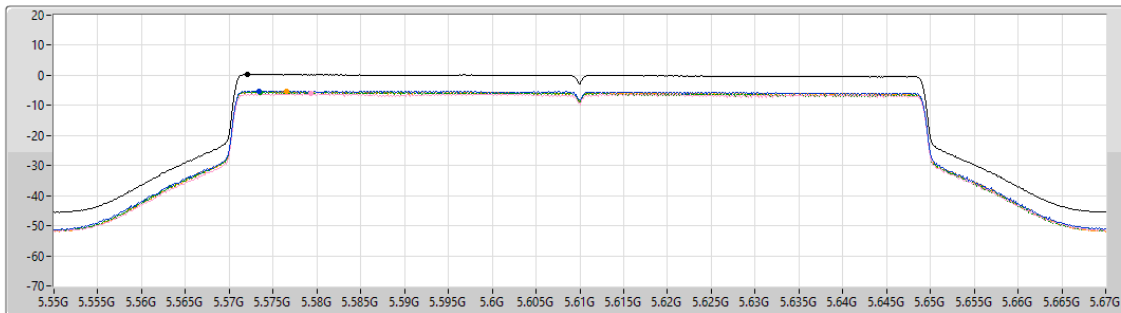
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

04/01/2025

CF (Hz)
5.61G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.052
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

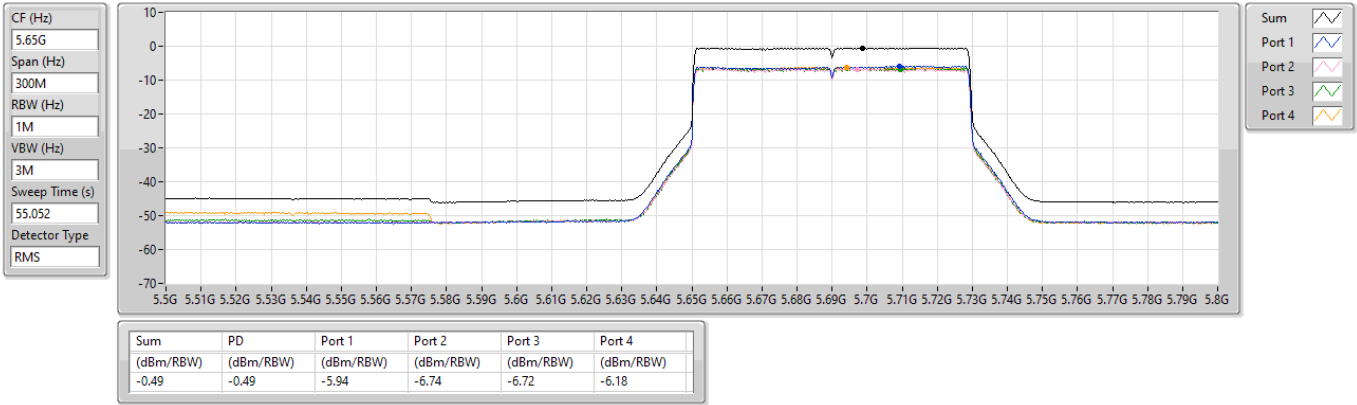
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.31	0.31	-5.23	-6.16	-5.55	-5.38

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/01/2025

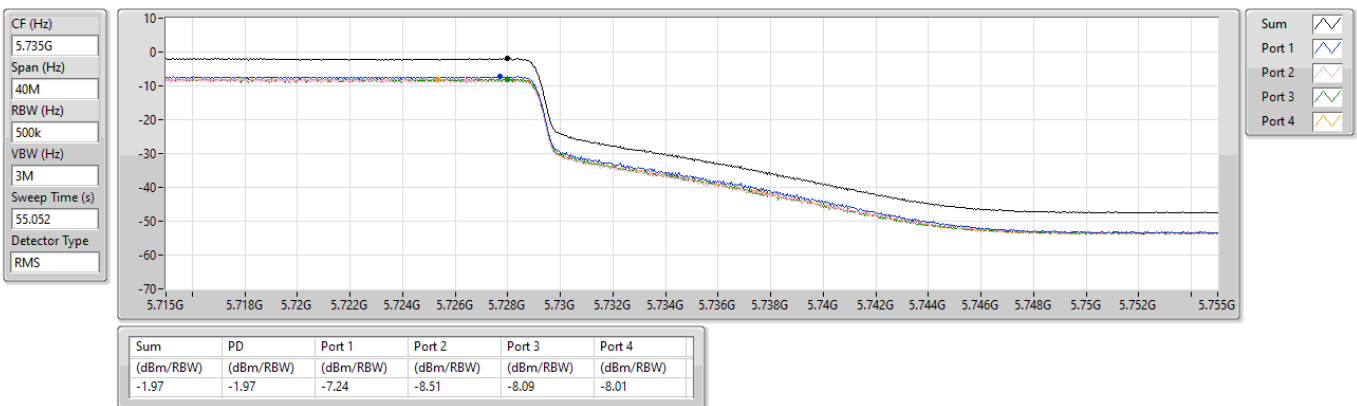


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/01/2025

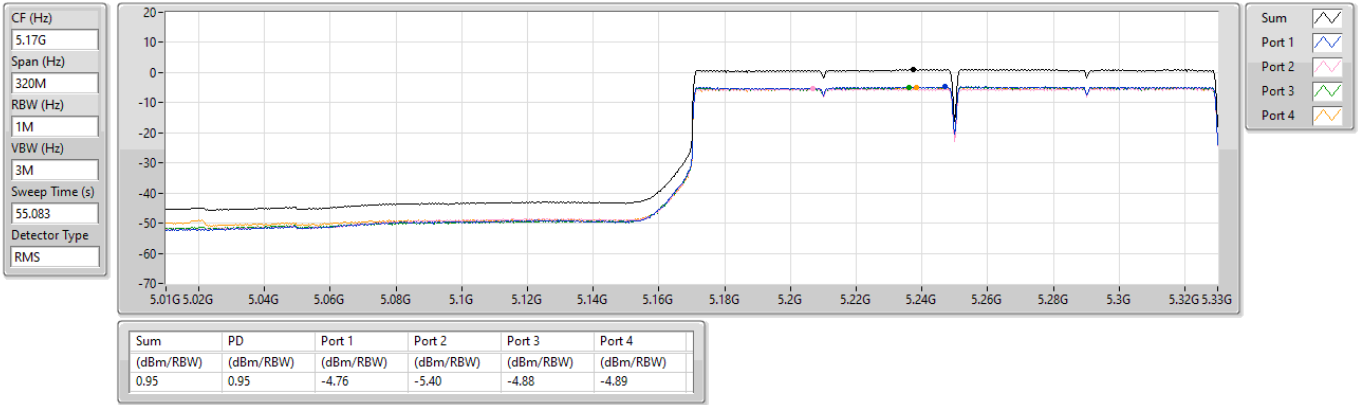


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/01/2025

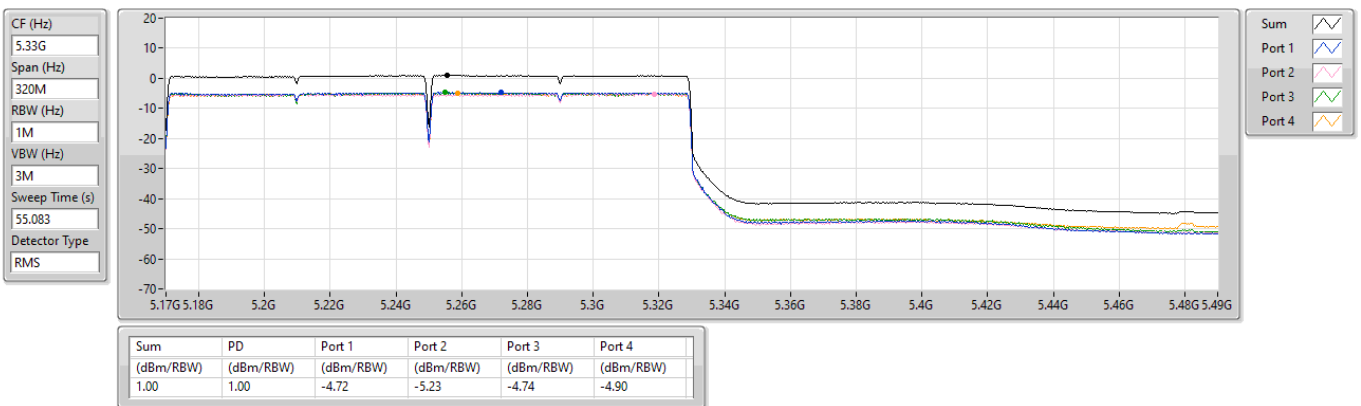


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

04/01/2025

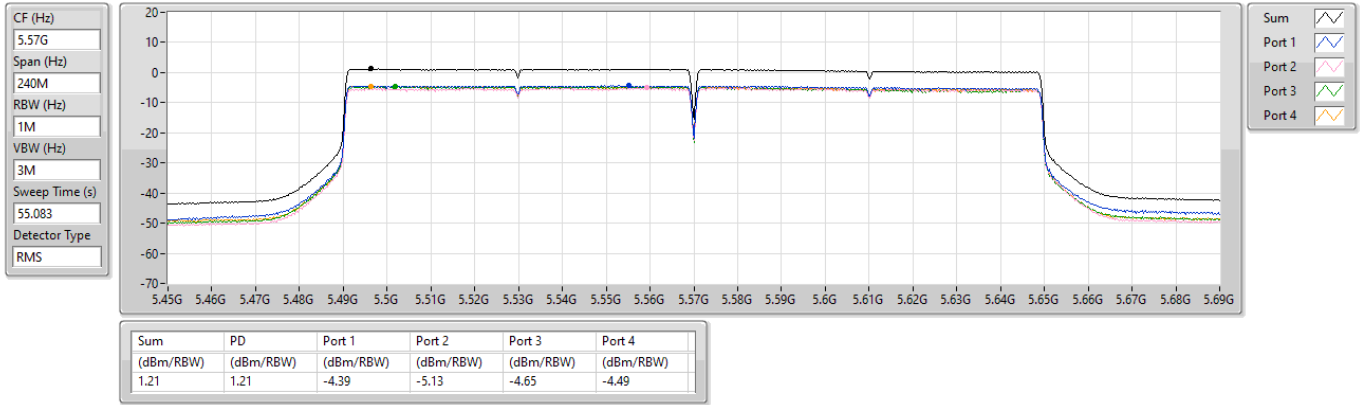


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

04/01/2025





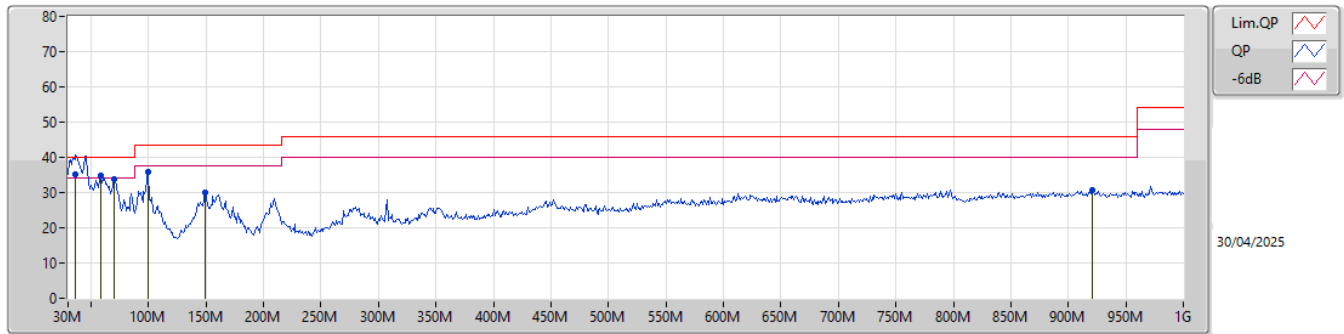
Radiated Emissions below 1GHz
Variant Device / FCC ID: Z8H89FT0087

Appendix E.1

Summary

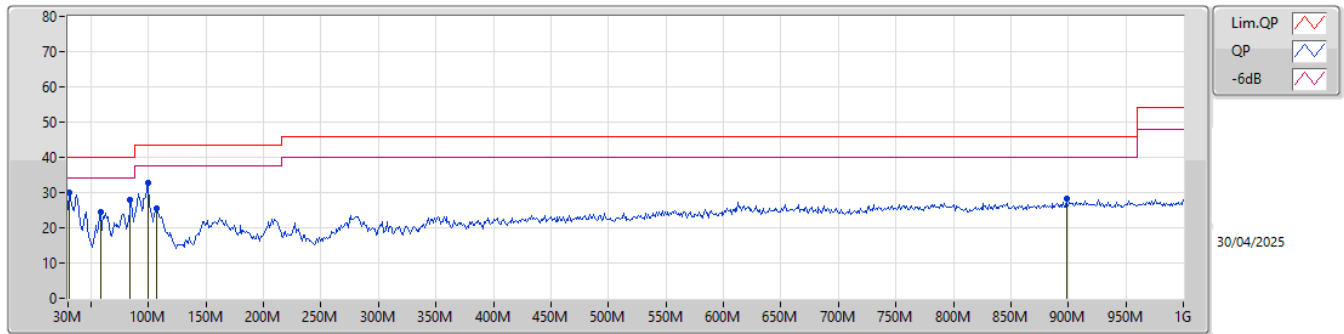
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	36.79M	35.21	40.00	-4.79	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	36.79M	35.21	40.00	-4.79	-11.13	3	Vertical	-1	1.00	"Worst"	46.34	20.57	0.58	32.28		
PK	58.13M	34.68	40.00	-5.32	-19.28	3	Vertical	8	1.25	-	53.96	12.32	0.74	32.34		
PK	69.77M	33.94	40.00	-6.06	-19.42	3	Vertical	78	1.25	-	53.36	12.18	0.87	32.47		
PK	99.84M	35.90	43.50	-7.60	-14.48	3	Vertical	333	1.25	-	50.38	16.59	1.02	32.09		
PK	149.31M	29.98	43.50	-13.52	-14.63	3	Vertical	179	1.00	-	44.61	16.44	1.22	32.29		
PK	920.46M	30.74	46.00	-15.26	-1.14	3	Vertical	24	1.25	-	31.88	26.40	3.06	30.60		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	30.97M	30.10	40.00	-9.90	-8.06	3	Horizontal	228	1.25	"Worst"	38.16	23.70	0.55	32.31		
PK	58.13M	24.53	40.00	-15.47	-19.28	3	Horizontal	110	3.00	-	43.81	12.32	0.74	32.34		
PK	84.32M	28.09	40.00	-11.91	-17.83	3	Horizontal	60	2.00	-	45.92	13.55	0.97	32.35		
PK	99.84M	32.69	43.50	-10.81	-14.48	3	Horizontal	104	2.00	-	47.17	16.59	1.02	32.09		
PK	106.63M	25.53	43.50	-17.97	-13.95	3	Horizontal	268	3.00	-	39.48	17.16	1.02	32.13		
PK	898.15M	28.28	46.00	-17.72	-1.24	3	Horizontal	0	3.00	-	29.52	26.36	3.04	30.64		

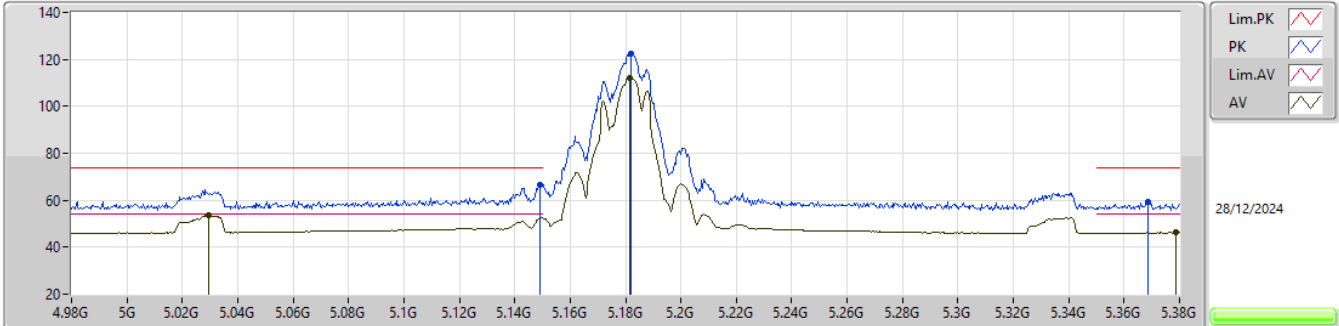


Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)	
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	5.0885G	53.94	54.00	-0.06	3	Vertical	58	2.45	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

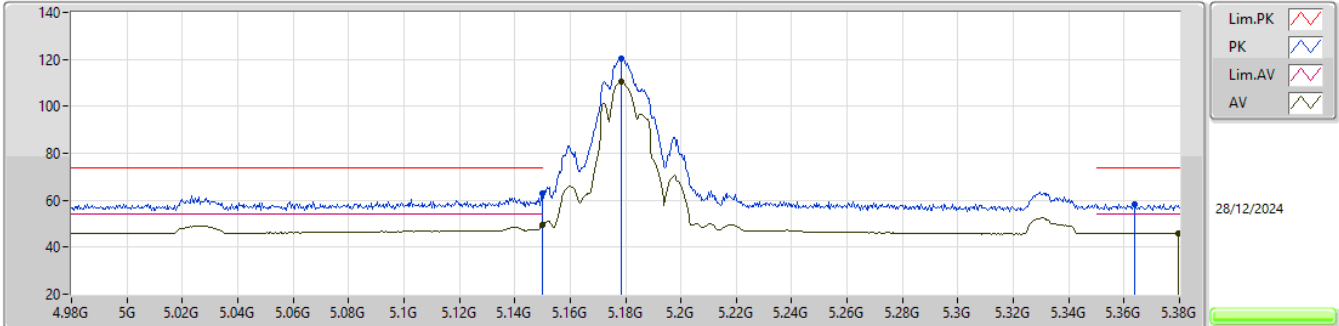


EUT_Y_4TX
 Setting 23.5
 01-C-C-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1492G	66.81	74.00	-7.19	59.91	3	Vertical	49	2.42	-	32.80	6.64	32.54			
AV	5.0296G	53.57	54.00	-0.43	46.64	3	Vertical	49	2.42	-	32.84	6.66	32.57			
PK	5.182G	122.25	Inf	-Inf	115.30	3	Vertical	49	2.42	-	32.86	6.63	32.54			
AV	5.1816G	112.27	Inf	-Inf	105.32	3	Vertical	49	2.42	-	32.86	6.63	32.54			
PK	5.3684G	59.06	74.00	-14.94	51.67	3	Vertical	49	2.42	-	33.17	6.71	32.49			
AV	5.3788G	46.20	54.00	-7.80	38.75	3	Vertical	49	2.42	-	33.22	6.72	32.49			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

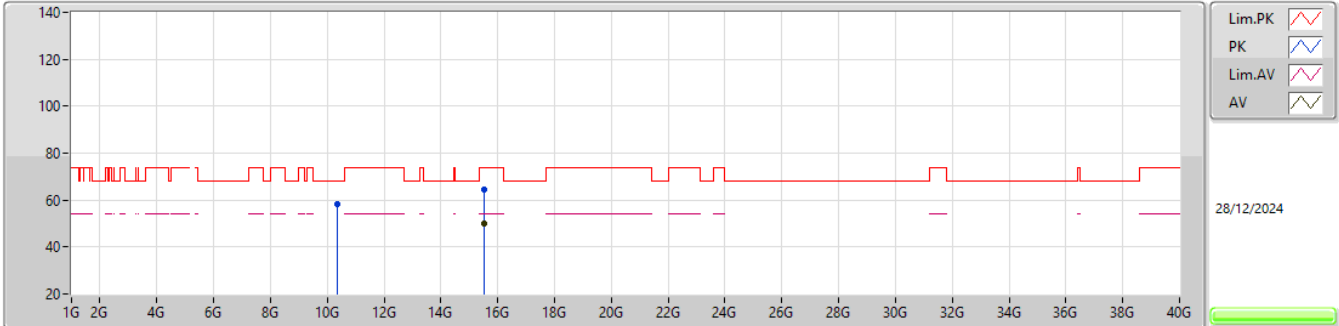


EUT_Y_4TX
 Setting 23.5
 01-C-C-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.15G	62.76	74.00	-11.24	55.86	3	Horizontal	12	3.00	-	32.80	6.64	32.54			
AV	5.15G	49.39	54.00	-4.61	42.49	3	Horizontal	12	3.00	-	32.80	6.64	32.54			
PK	5.1784G	120.35	Inf	-Inf	113.40	3	Horizontal	12	3.00	-	32.86	6.63	32.54			
AV	5.1784G	110.51	Inf	-Inf	103.56	3	Horizontal	12	3.00	-	32.86	6.63	32.54			
PK	5.3636G	58.38	74.00	-15.62	51.01	3	Horizontal	12	3.00	-	33.15	6.71	32.49			
AV	5.3796G	46.10	54.00	-7.90	38.65	3	Horizontal	12	3.00	-	33.22	6.72	32.49			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

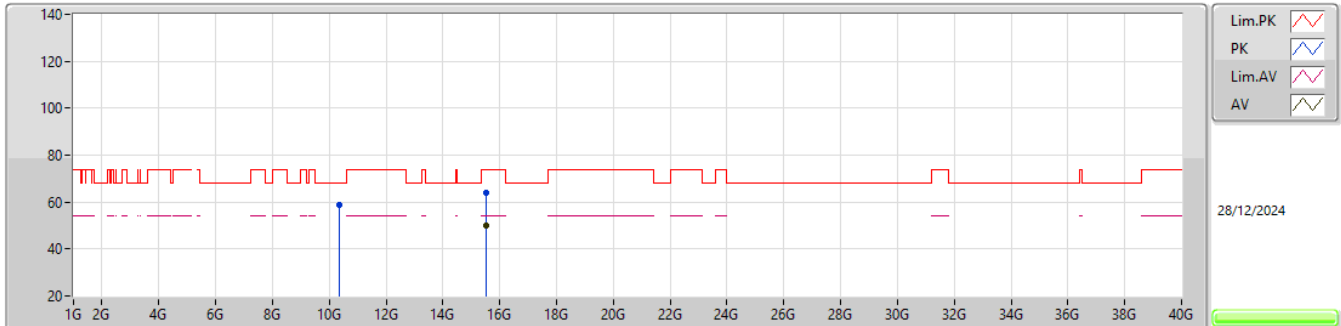


EUT_Y_4TX
 Setting 23.5
 01-C-C-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.36984G	58.07	68.20	-10.13	41.14	3	Vertical	326	1.80	-	38.76	10.70	32.53			
PK	15.54211G	64.55	74.00	-9.45	45.08	3	Vertical	300	1.97	-	38.60	13.60	32.73			
AV	15.54454G	49.88	54.00	-4.12	30.41	3	Vertical	300	1.97	-	38.60	13.60	32.73			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

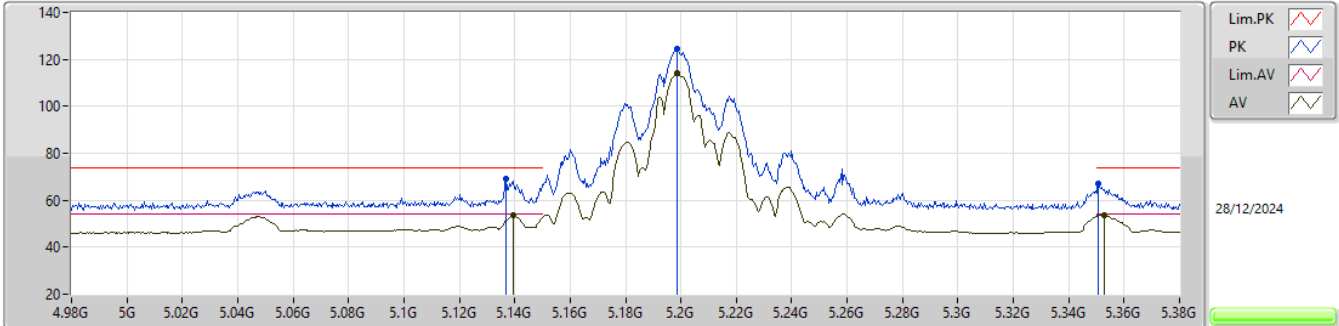


EUT_Y_4TX
 Setting 23.5
 01-C-C-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.36753G	58.71	68.20	-9.49	41.79	3	Horizontal	64	2.81	-	38.76	10.69	32.53			
PK	15.53882G	64.20	74.00	-9.80	44.73	3	Horizontal	353	1.83	-	38.60	13.60	32.73			
AV	15.54152G	49.90	54.00	-4.10	30.43	3	Horizontal	353	1.83	-	38.60	13.60	32.73			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

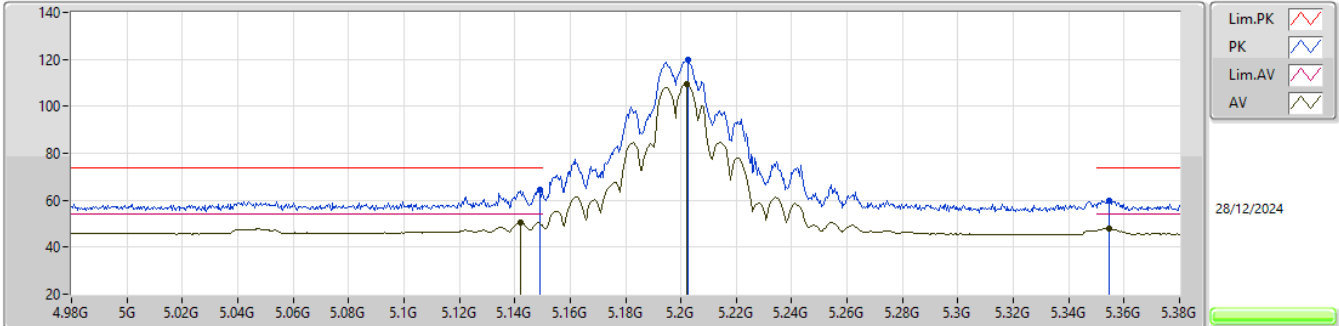


EUT_Y_4TX
 Setting 27.5
 01-C-C-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1368G	69.03	74.00	-4.97	62.17	3	Vertical	53	1.80	-	32.77	6.64	32.55			
AV	5.1396G	53.38	54.00	-0.62	46.51	3	Vertical	53	1.80	-	32.78	6.64	32.55			
PK	5.1988G	124.34	Inf	-Inf	117.34	3	Vertical	53	1.80	-	32.90	6.63	32.53			
AV	5.1988G	114.23	Inf	-Inf	107.23	3	Vertical	53	1.80	-	32.90	6.63	32.53			
PK	5.3508G	66.91	74.00	-7.09	59.60	3	Vertical	53	1.80	-	33.10	6.71	32.50			
AV	5.3528G	53.69	54.00	-0.31	46.37	3	Vertical	53	1.80	-	33.11	6.71	32.50			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

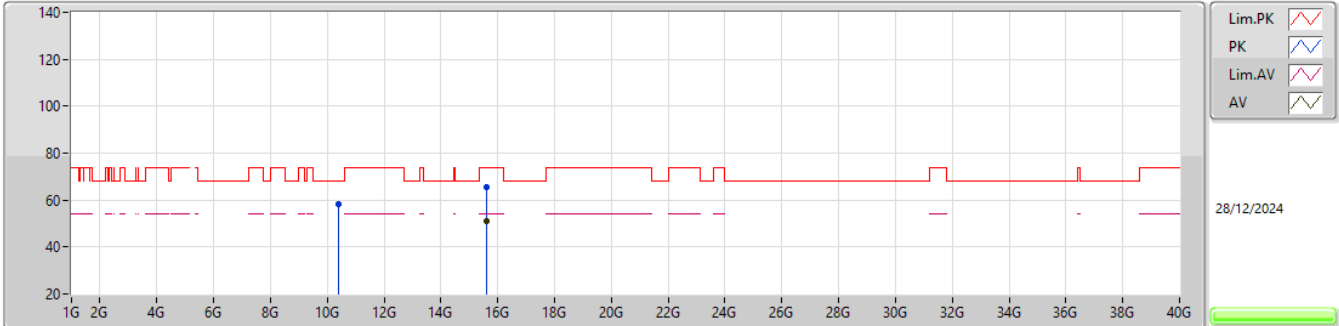


EUT_Y_4TX
 Setting 27.5
 01-C-C-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1492G	64.45	74.00	-9.55	57.55	3	Horizontal	64	2.44	-	32.80	6.64	32.54			
AV	5.142G	50.73	54.00	-3.27	43.86	3	Horizontal	64	2.44	-	32.78	6.64	32.55			
PK	5.2024G	119.74	Inf	-Inf	112.74	3	Horizontal	64	2.44	-	32.90	6.63	32.53			
AV	5.202G	109.64	Inf	-Inf	102.64	3	Horizontal	64	2.44	-	32.90	6.63	32.53			
PK	5.3544G	59.80	74.00	-14.20	52.46	3	Horizontal	64	2.44	-	33.12	6.71	32.49			
AV	5.3548G	48.08	54.00	-5.92	40.74	3	Horizontal	64	2.44	-	33.12	6.71	32.49			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

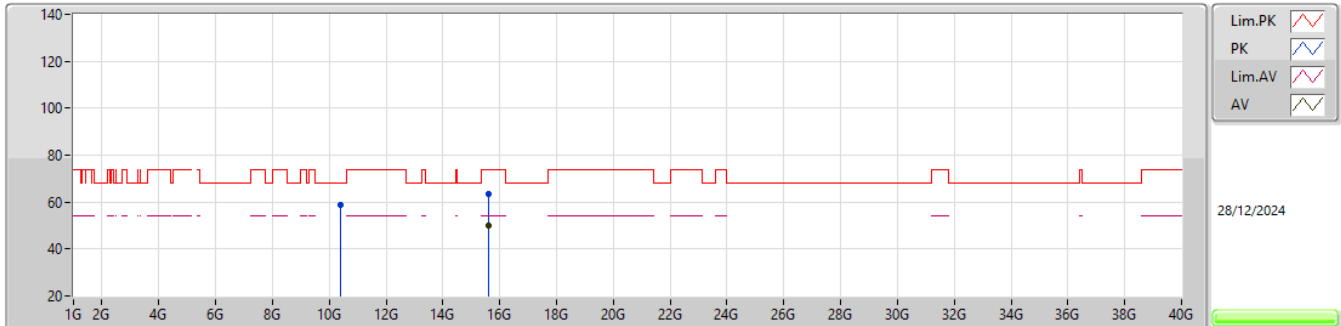


EUT_Y_4TX
 Setting 27.5
 01-C-C-5

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	10.38785G	58.52	68.20	-9.68	41.59	3	Vertical	54	1.80	-	38.72	10.72	32.51				
PK	15.60052G	65.65	74.00	-8.35	46.38	3	Vertical	298	2.05	-	38.40	13.61	32.74				
AV	15.59784G	50.90	54.00	-3.10	31.62	3	Vertical	298	2.05	-	38.41	13.61	32.74				

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

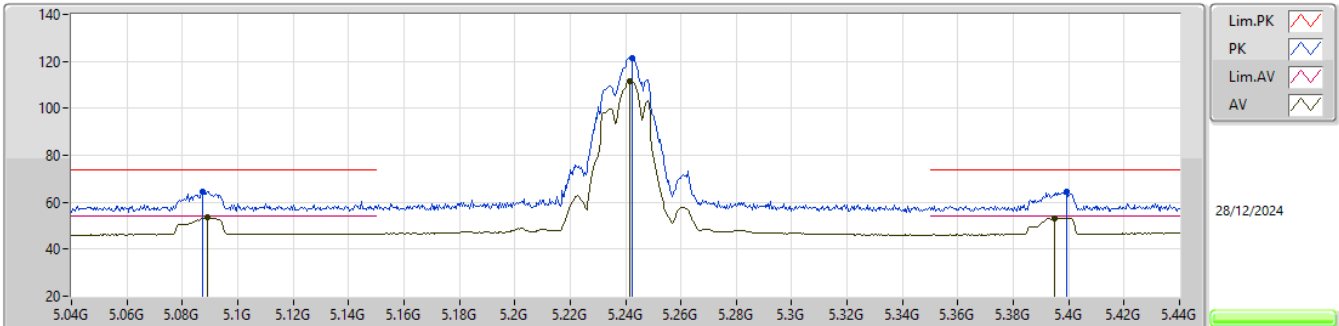


EUT_Y_4TX
 Setting 27.5
 01-C-C-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.38851G	58.84	68.20	-9.36	41.91	3	Horizontal	351	2.00	-	38.72	10.72	32.51			
PK	15.59661G	63.67	74.00	-10.33	44.39	3	Horizontal	307	1.95	-	38.41	13.61	32.74			
AV	15.59833G	49.97	54.00	-4.03	30.69	3	Horizontal	307	1.95	-	38.41	13.61	32.74			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

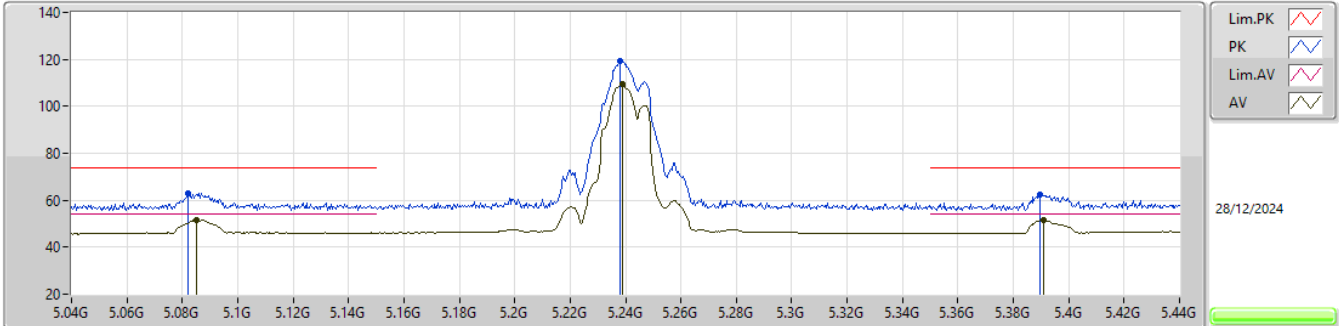


EUT_Y_4TX
 Setting 22
 01-C-C-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.0872G	64.59	74.00	-9.41	57.77	3	Vertical	55	2.44	-	32.73	6.65	32.56			
AV	5.0892G	53.63	54.00	-0.37	46.82	3	Vertical	55	2.44	-	32.72	6.65	32.56			
PK	5.2424G	121.56	Inf	-Inf	114.53	3	Vertical	55	2.44	-	32.90	6.65	32.52			
AV	5.2416G	111.57	Inf	-Inf	104.54	3	Vertical	55	2.44	-	32.90	6.65	32.52			
PK	5.3992G	64.24	74.00	-9.76	56.69	3	Vertical	55	2.44	-	33.30	6.73	32.48			
AV	5.3948G	53.31	54.00	-0.69	45.79	3	Vertical	55	2.44	-	33.28	6.73	32.49			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

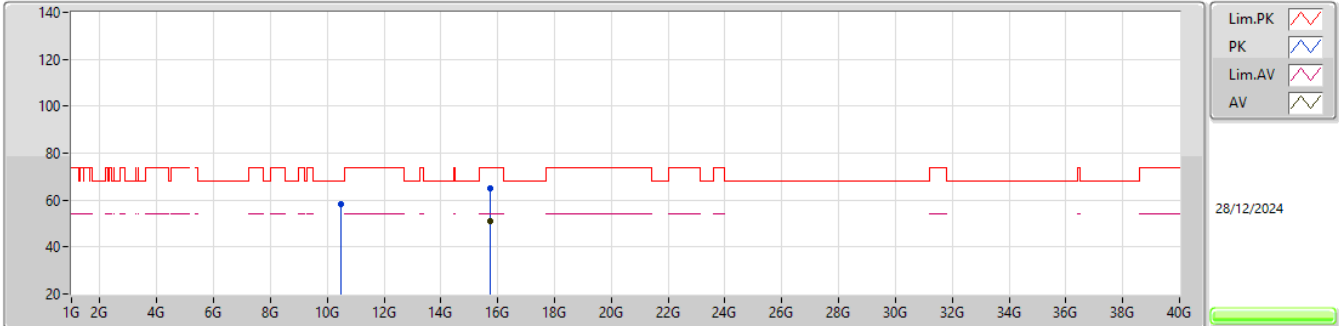


EUT_Y_4TX
 Setting 22
 01-C-C-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.082G	62.91	74.00	-11.09	56.08	3	Horizontal	8	3.00	-	32.74	6.65	32.56
AV	5.0852G	51.59	54.00	-2.41	44.77	3	Horizontal	8	3.00	-	32.73	6.65	32.56
PK	5.238G	119.17	Inf	-Inf	112.14	3	Horizontal	8	3.00	-	32.90	6.65	32.52
AV	5.2388G	109.25	Inf	-Inf	102.22	3	Horizontal	8	3.00	-	32.90	6.65	32.52
PK	5.3896G	62.45	74.00	-11.55	54.96	3	Horizontal	8	3.00	-	33.26	6.72	32.49
AV	5.3908G	51.66	54.00	-2.34	44.16	3	Horizontal	8	3.00	-	33.26	6.73	32.49

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

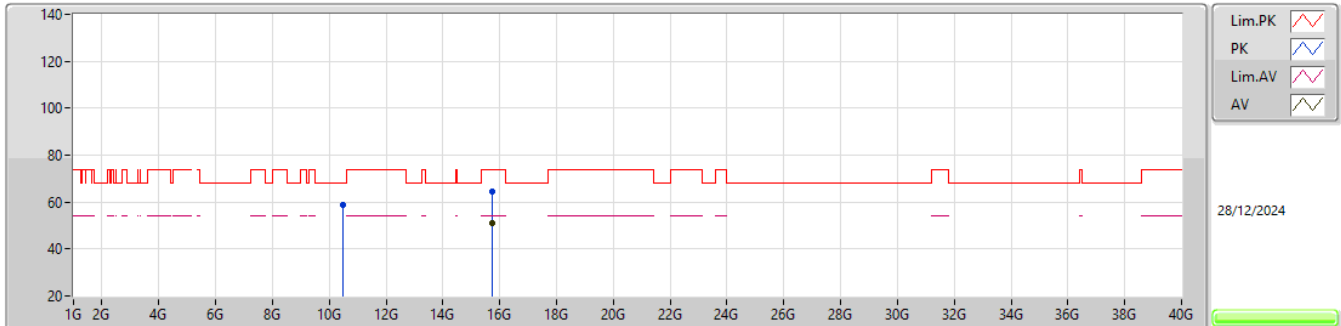


EUT_Y_4TX
 Setting 22
 01-C-C-5

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	10.4716G	58.03	68.20	-10.17	40.78	3	Vertical	275	1.59	-	38.89	10.80	32.44			
PK	15.7196G	64.86	74.00	-9.14	45.72	3	Vertical	295	1.57	-	38.28	13.62	32.76			
AV	15.72461G	50.81	54.00	-3.19	31.65	3	Vertical	295	1.57	-	38.30	13.62	32.76			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

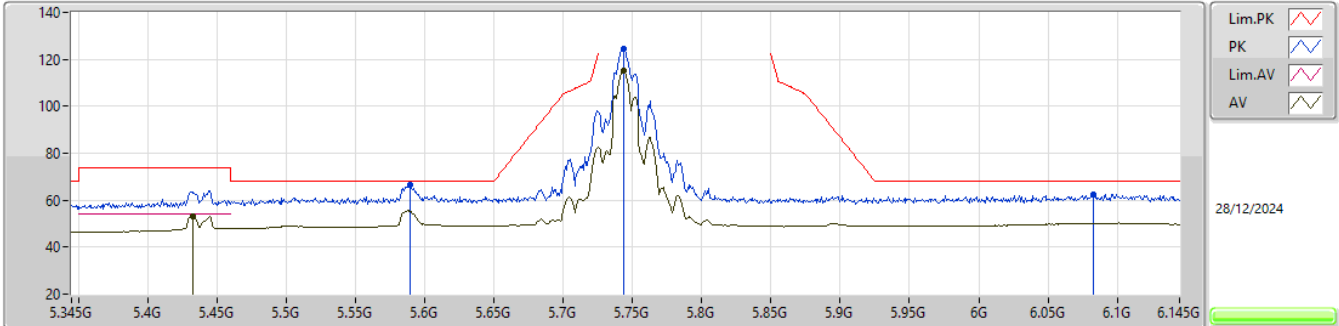


EUT_Y_4TX
 Setting 22
 01-C-C-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.48522G	58.90	68.20	-9.30	41.57	3	Horizontal	206	1.78	-	38.94	10.81	32.42			
PK	15.72302G	64.65	74.00	-9.35	45.50	3	Horizontal	270	1.46	-	38.29	13.62	32.76			
AV	15.72351G	50.84	54.00	-3.16	31.69	3	Horizontal	270	1.46	-	38.29	13.62	32.76			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

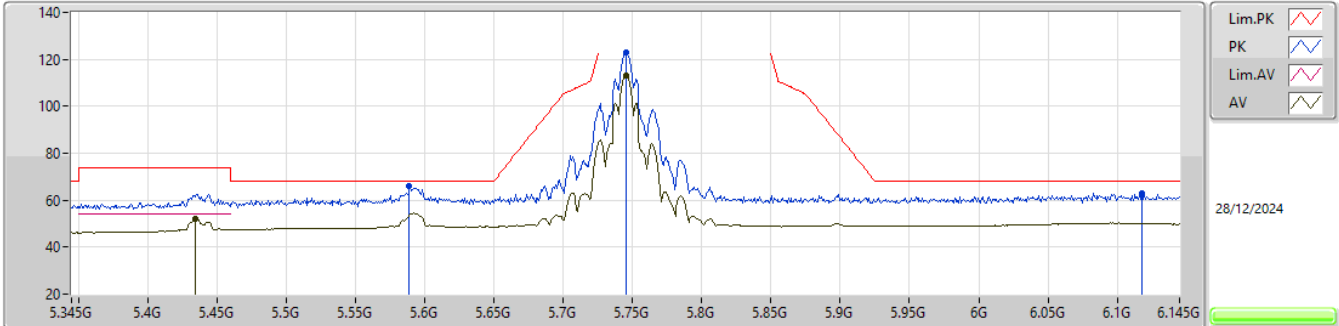


EUT_Y_4TX
 Setting 25
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	5.5898G	66.66	68.20	-1.54	58.14	3	Vertical	303	1.80	-	33.90	7.08	32.46				
AV	5.4322G	53.30	54.00	-0.70	45.56	3	Vertical	303	1.80	-	33.43	6.79	32.48				
PK	5.7434G	124.70	Inf	-Inf	115.77	3	Vertical	303	1.80	-	34.10	7.28	32.45				
AV	5.7434G	114.93	Inf	-Inf	106.00	3	Vertical	303	1.80	-	34.10	7.28	32.45				
PK	6.0826G	62.44	68.20	-5.76	51.93	3	Vertical	303	1.80	-	35.40	7.54	32.43				

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

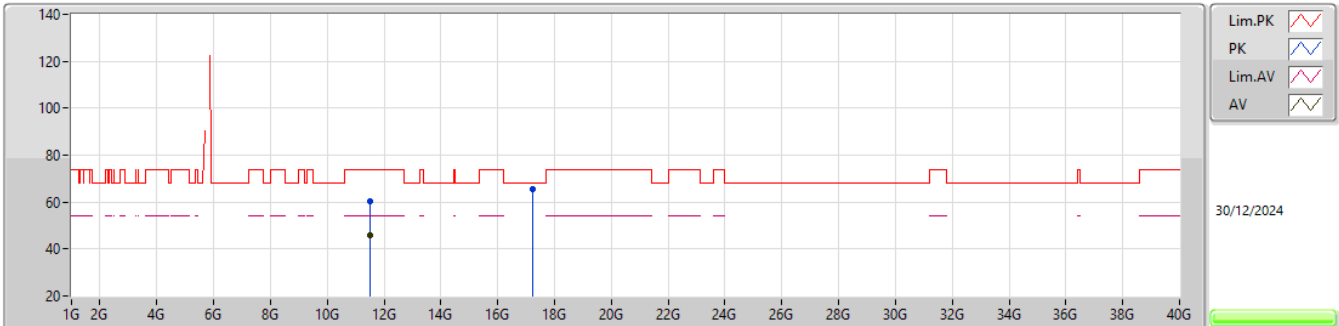


EUT_Y_4TX
 Setting 25
 01-C-R-7-10

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	5.589G	66.28	68.20	-1.92	57.76	3	Horizontal	22	3.00	-	33.90	7.08	32.46			
AV	5.4346G	52.01	54.00	-1.99	44.26	3	Horizontal	22	3.00	-	33.44	6.79	32.48			
PK	5.7458G	122.75	Inf	-Inf	113.82	3	Horizontal	22	3.00	-	34.10	7.28	32.45			
AV	5.7458G	113.20	Inf	-Inf	104.27	3	Horizontal	22	3.00	-	34.10	7.28	32.45			
PK	6.1178G	63.05	68.20	-5.15	52.57	3	Horizontal	22	3.00	-	35.36	7.55	32.43			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

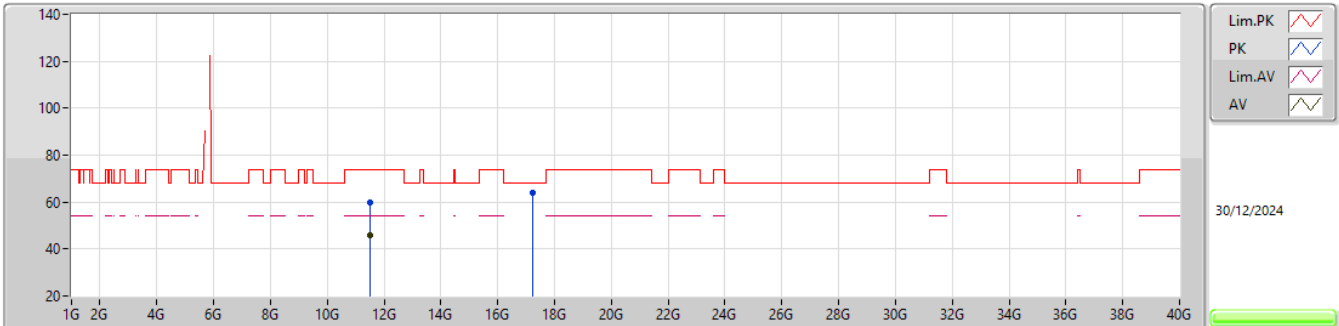


EUT_Y_4TX
 Setting 25
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.49054G	60.36	74.00	-13.64	42.18	3	Vertical	149	1.48	-	38.92	11.84	32.58			
AV	11.49017G	45.72	54.00	-8.28	27.54	3	Vertical	149	1.48	-	38.92	11.84	32.58			
PK	17.23521G	65.55	68.20	-2.65	42.03	3	Vertical	355	1.63	-	41.44	14.01	31.93			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

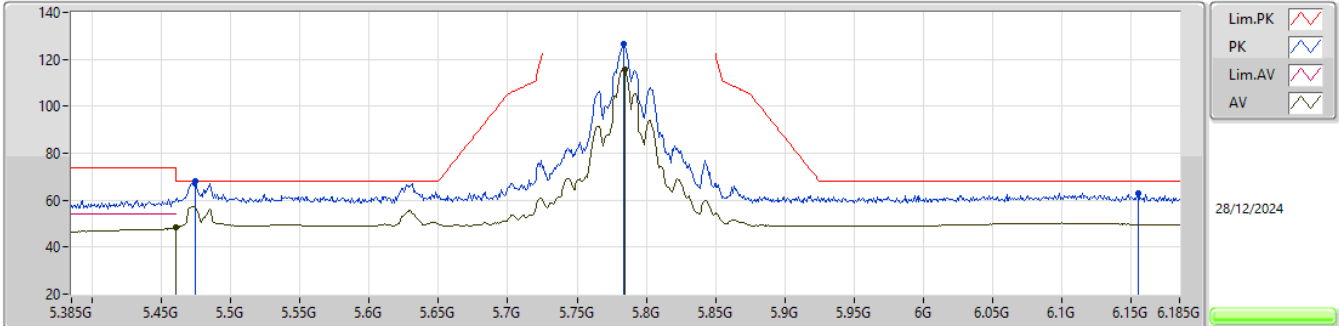


EUT_Y_4TX
 Setting 25
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.49012G	59.96	74.00	-14.04	41.78	3	Horizontal	296	2.63	-	38.92	11.84	32.58			
AV	11.48985G	45.74	54.00	-8.26	27.56	3	Horizontal	296	2.63	-	38.92	11.84	32.58			
PK	17.2341G	63.72	68.20	-4.48	40.20	3	Horizontal	300	1.27	-	41.44	14.01	31.93			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

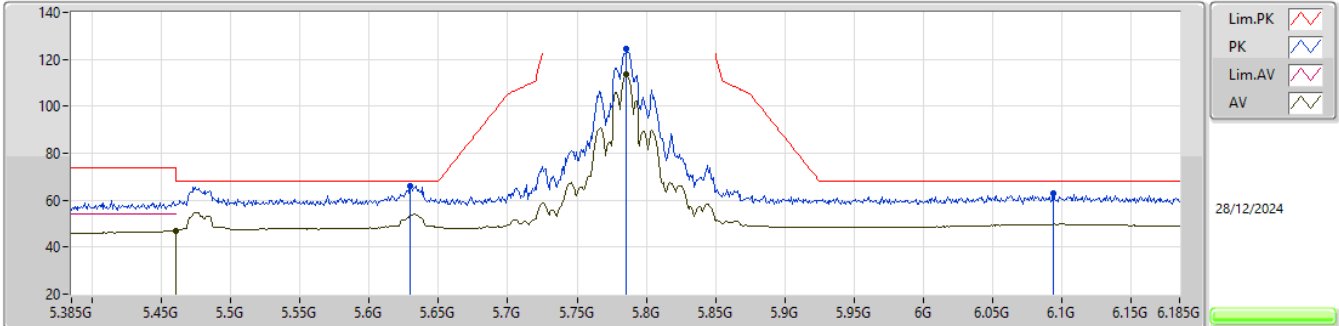


EUT_Y_4TX
 Setting 27
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4746G	67.89	68.20	-0.31	59.84	3	Vertical	304	1.80	-	33.65	6.87	32.47			
AV	5.46G	48.43	54.00	-5.57	40.50	3	Vertical	304	1.80	-	33.56	6.84	32.47			
PK	5.7834G	126.35	Inf	-Inf	117.30	3	Vertical	304	1.80	-	34.17	7.33	32.45			
AV	5.7842G	115.89	Inf	-Inf	106.84	3	Vertical	304	1.80	-	34.17	7.33	32.45			
PK	6.1554G	62.91	68.20	-5.29	52.46	3	Vertical	304	1.80	-	35.30	7.57	32.42			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

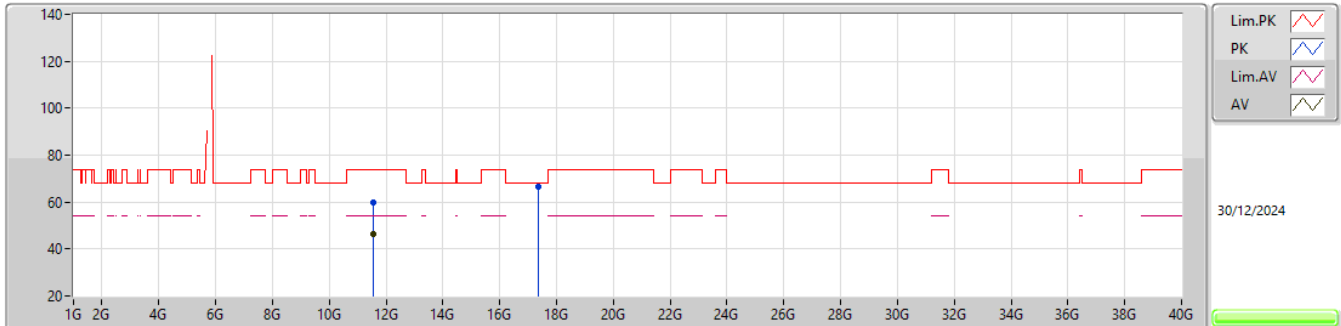


EUT_Y_4TX
 Setting 27
 01-C-R-7-10

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)				
AV	5.46G	47.08	54.00	-6.92	39.15	3	Horizontal	24	3.00	-	33.56	6.84	32.47				
PK	5.6298G	66.28	68.20	-1.92	57.63	3	Horizontal	24	3.00	-	33.96	7.14	32.45				
PK	5.7858G	124.35	Inf	-Inf	115.30	3	Horizontal	24	3.00	-	34.17	7.33	32.45				
AV	5.7858G	113.60	Inf	-Inf	104.55	3	Horizontal	24	3.00	-	34.17	7.33	32.45				
PK	6.0938G	62.73	68.20	-5.47	52.22	3	Horizontal	24	3.00	-	35.40	7.54	32.43				

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

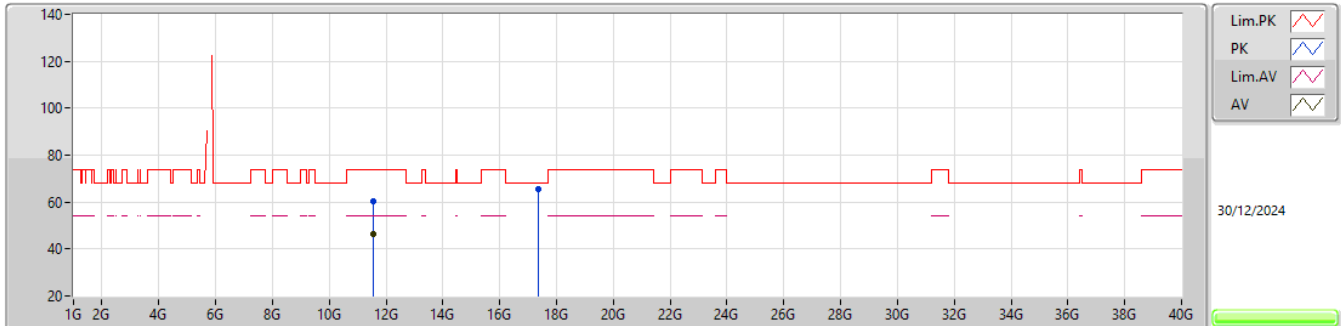


EUT_Y_4TX
 Setting 27
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.5692G	59.91	74.00	-14.09	41.64	3	Vertical	100	1.72	-	38.96	11.92	32.61			
AV	11.57011G	46.48	54.00	-7.52	28.21	3	Vertical	100	1.72	-	38.96	11.92	32.61			
PK	17.35551G	66.30	68.20	-1.90	42.29	3	Vertical	235	2.81	-	41.82	14.04	31.85			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

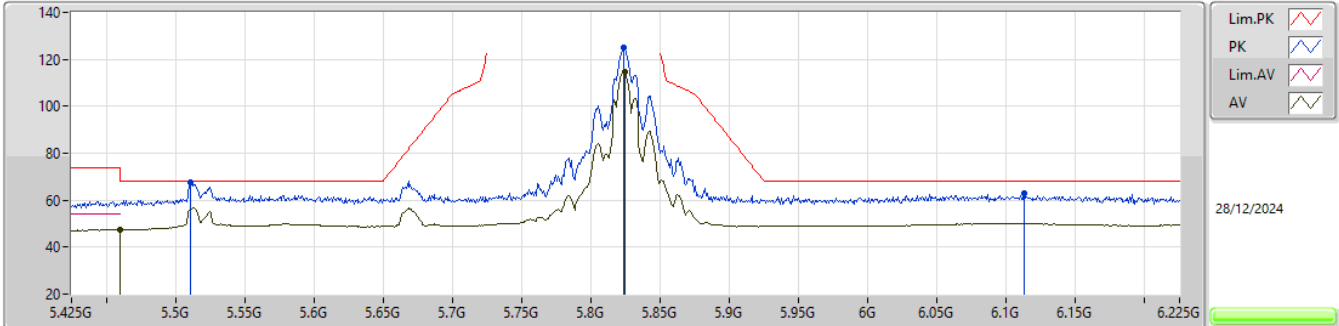


EUT_Y_4TX
 Setting 27
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.57097G	60.15	74.00	-13.85	41.88	3	Horizontal	218	1.34	-	38.96	11.92	32.61			
AV	11.5692G	46.42	54.00	-7.58	28.15	3	Horizontal	218	1.34	-	38.96	11.92	32.61			
PK	17.35419G	65.48	68.20	-2.72	41.47	3	Horizontal	228	2.64	-	41.82	14.04	31.85			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

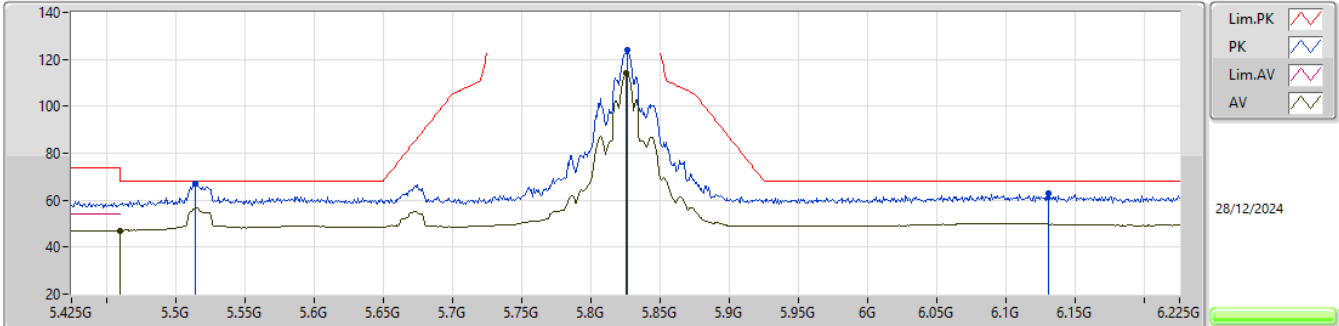


EUT_Y_4TX
 Setting 26
 01-C-R-7-10

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	5.5106G	67.51	68.20	-0.69	59.22	3	Vertical	306	1.80	-	33.82	6.93	32.46			
AV	5.46G	47.55	54.00	-6.45	39.62	3	Vertical	306	1.80	-	33.56	6.84	32.47			
PK	5.8234G	124.77	Inf	-Inf	115.51	3	Vertical	306	1.80	-	34.34	7.37	32.45			
AV	5.8242G	114.66	Inf	-Inf	105.39	3	Vertical	306	1.80	-	34.35	7.37	32.45			
PK	6.113G	62.82	68.20	-5.38	52.33	3	Vertical	306	1.80	-	35.37	7.55	32.43			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

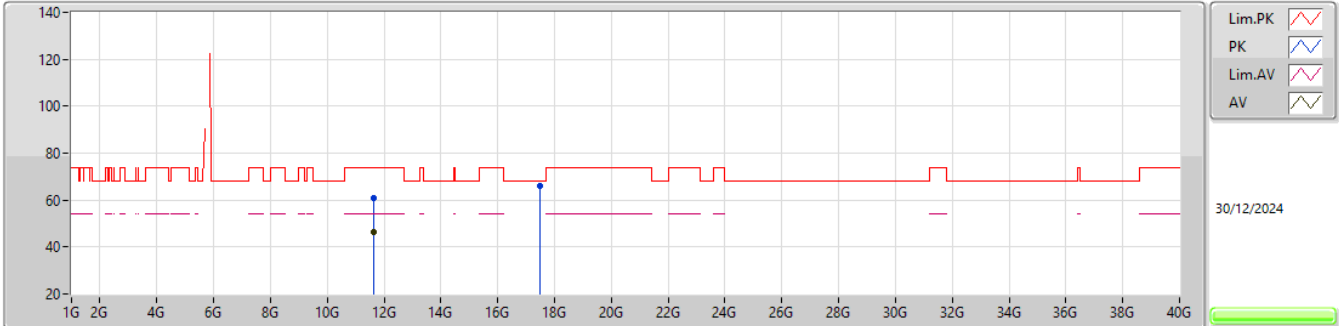


EUT_Y_4TX
 Setting 26
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.5146G	67.26	68.20	-0.94	58.95	3	Horizontal	21	3.00	-	33.83	6.94	32.46			
AV	5.46G	47.14	54.00	-6.86	39.21	3	Horizontal	21	3.00	-	33.56	6.84	32.47			
PK	5.8266G	124.15	Inf	-Inf	114.87	3	Horizontal	21	3.00	-	34.36	7.37	32.45			
AV	5.8258G	114.18	Inf	-Inf	104.91	3	Horizontal	21	3.00	-	34.35	7.37	32.45			
PK	6.1306G	62.72	68.20	-5.48	52.24	3	Horizontal	21	3.00	-	35.34	7.56	32.42			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

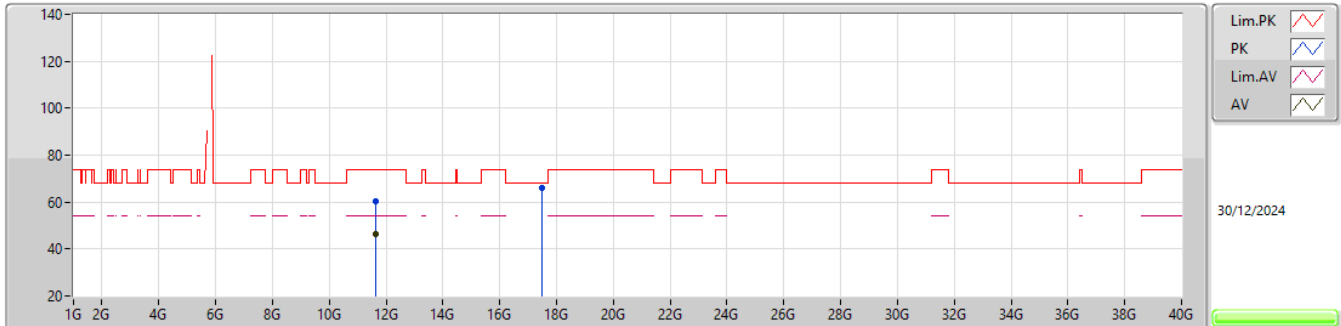


EUT_Y_4TX
 Setting 26
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.64958G	60.69	74.00	-13.31	42.44	3	Vertical	124	1.61	-	38.90	12.00	32.65			
AV	11.64963G	46.17	54.00	-7.83	27.92	3	Vertical	124	1.61	-	38.90	12.00	32.65			
PK	17.47437G	66.29	68.20	-1.91	42.09	3	Vertical	242	1.89	-	41.90	14.08	31.78			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

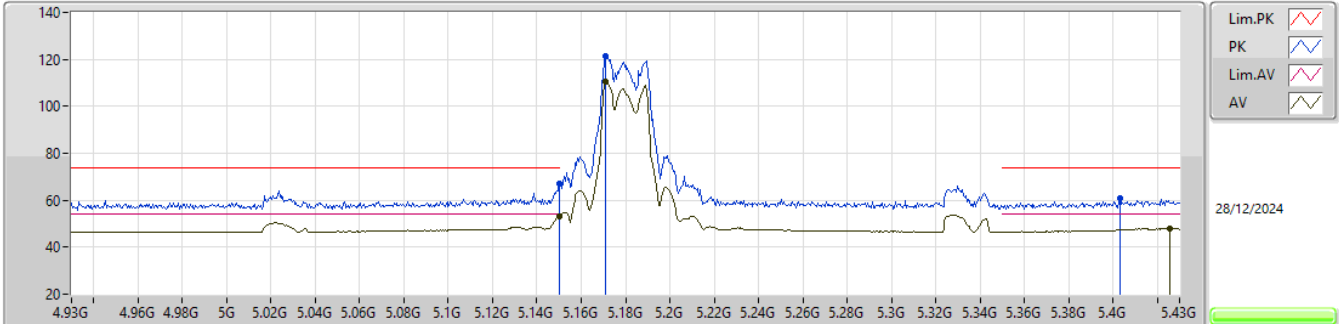


EUT_Y_4TX
 Setting 26
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.65046G	60.31	74.00	-13.69	42.06	3	Horizontal	158	2.59	-	38.90	12.00	32.65			
AV	11.6509G	46.20	54.00	-7.80	27.95	3	Horizontal	158	2.59	-	38.90	12.00	32.65			
PK	17.47506G	66.08	68.20	-2.12	41.88	3	Horizontal	5	2.05	-	41.90	14.08	31.78			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

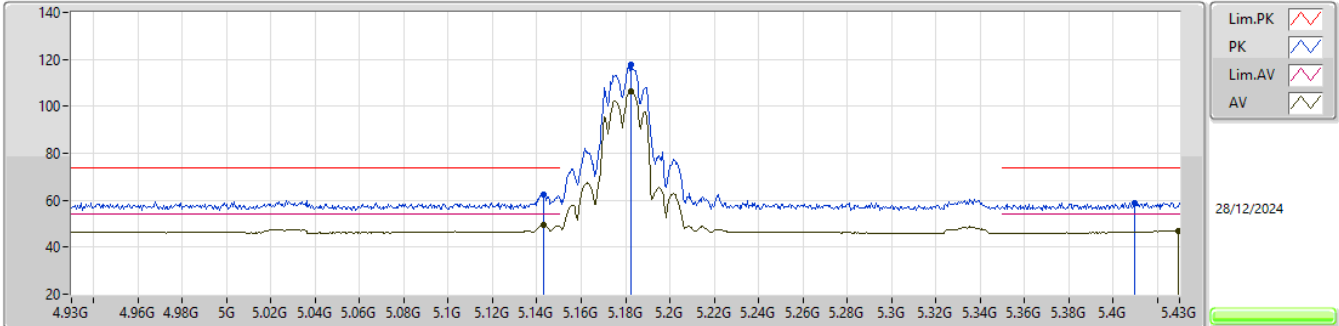


EUT_Y_4TX
 Setting 22.5
 01-C-R-7-10

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	5.15G	67.00	74.00	-7.00	60.10	3	Vertical	71	1.80	-	32.80	6.64	32.54			
AV	5.15G	53.22	54.00	-0.78	46.32	3	Vertical	71	1.80	-	32.80	6.64	32.54			
PK	5.171G	121.57	Inf	-Inf	114.63	3	Vertical	71	1.80	-	32.84	6.64	32.54			
AV	5.171G	110.35	Inf	-Inf	103.41	3	Vertical	71	1.80	-	32.84	6.64	32.54			
PK	5.403G	60.82	74.00	-13.18	53.25	3	Vertical	71	1.80	-	33.31	6.74	32.48			
AV	5.4255G	47.89	54.00	-6.11	40.19	3	Vertical	71	1.80	-	33.40	6.78	32.48			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

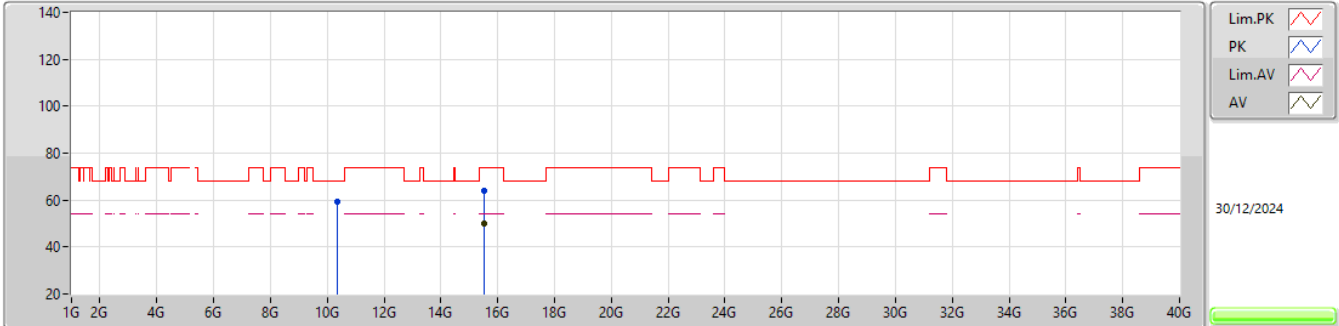


EUT_Y_4TX
 Setting 22.5
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.143G	62.37	74.00	-11.63	55.49	3	Horizontal	68	2.67	-	32.79	6.64	32.55			
AV	5.143G	49.53	54.00	-4.47	42.65	3	Horizontal	68	2.67	-	32.79	6.64	32.55			
PK	5.1825G	117.68	Inf	-Inf	110.72	3	Horizontal	68	2.67	-	32.87	6.63	32.54			
AV	5.1825G	106.16	Inf	-Inf	99.20	3	Horizontal	68	2.67	-	32.87	6.63	32.54			
PK	5.41G	59.04	74.00	-14.96	51.43	3	Horizontal	68	2.67	-	33.34	6.75	32.48			
AV	5.4295G	46.81	54.00	-7.19	39.09	3	Horizontal	68	2.67	-	33.42	6.78	32.48			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

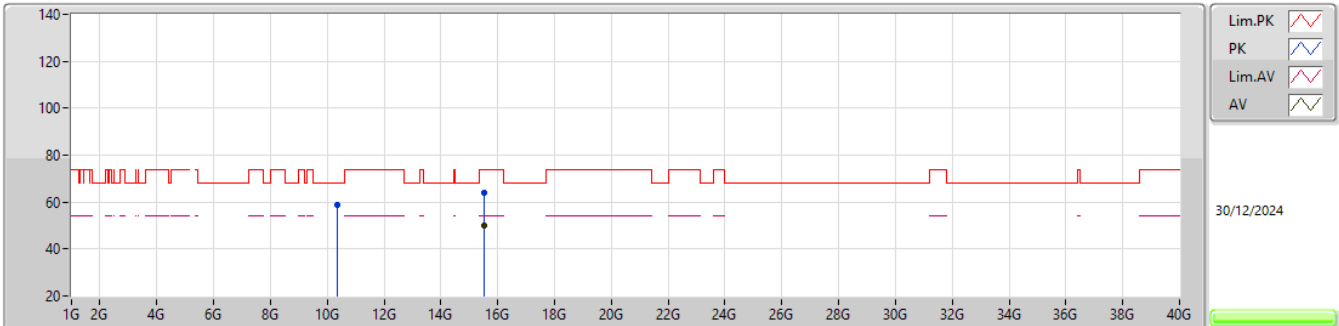


EUT_Y_4TX
 Setting 22.5
 01-C-J-10

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	10.36092G	59.26	68.20	-8.94	42.33	3	Vertical	326	2.39	-	38.78	10.69	32.54			
PK	15.54066G	64.02	74.00	-9.98	44.55	3	Vertical	212	2.47	-	38.60	13.60	32.73			
AV	15.539G	50.02	54.00	-3.98	30.55	3	Vertical	212	2.47	-	38.60	13.60	32.73			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

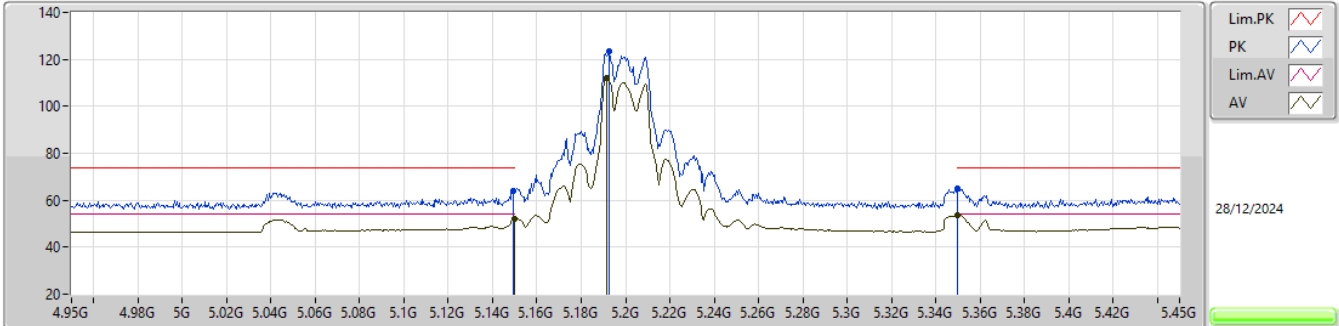


EUT_Y_4TX
 Setting 22.5
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.36033G	58.93	68.20	-9.27	42.00	3	Horizontal	324	2.99	-	38.78	10.69	32.54			
PK	15.54024G	64.05	74.00	-9.95	44.58	3	Horizontal	298	1.86	-	38.60	13.60	32.73			
AV	15.54022G	50.03	54.00	-3.97	30.56	3	Horizontal	298	1.86	-	38.60	13.60	32.73			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

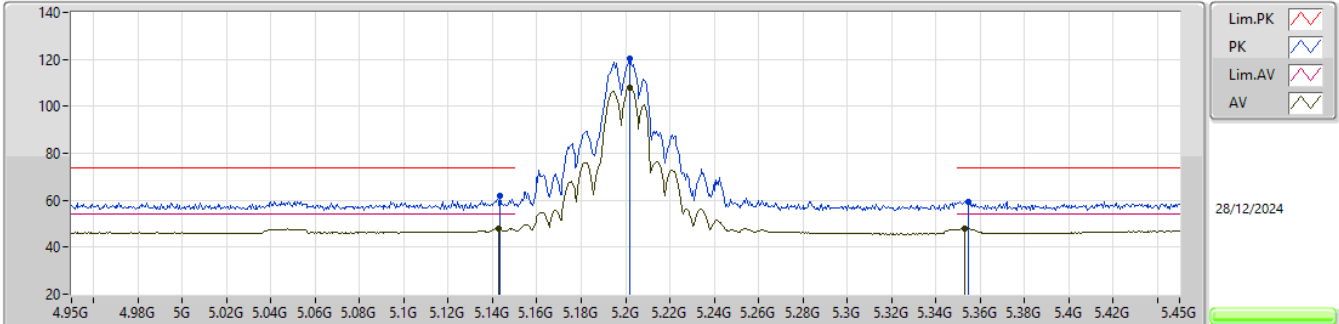


EUT_Y_4TX
 Setting 25
 01-C-R-7-10

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	5.1495G	63.99	74.00	-10.01	57.09	3	Vertical	68	1.80	-	32.80	6.64	32.54			
AV	5.15G	51.94	54.00	-2.06	45.04	3	Vertical	68	1.80	-	32.80	6.64	32.54			
PK	5.1925G	123.51	Inf	-Inf	116.53	3	Vertical	68	1.80	-	32.88	6.63	32.53			
AV	5.1915G	111.83	Inf	-Inf	104.85	3	Vertical	68	1.80	-	32.88	6.63	32.53			
PK	5.35G	65.03	74.00	-8.97	57.72	3	Vertical	68	1.80	-	33.10	6.71	32.50			
AV	5.35G	53.51	54.00	-0.49	46.20	3	Vertical	68	1.80	-	33.10	6.71	32.50			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

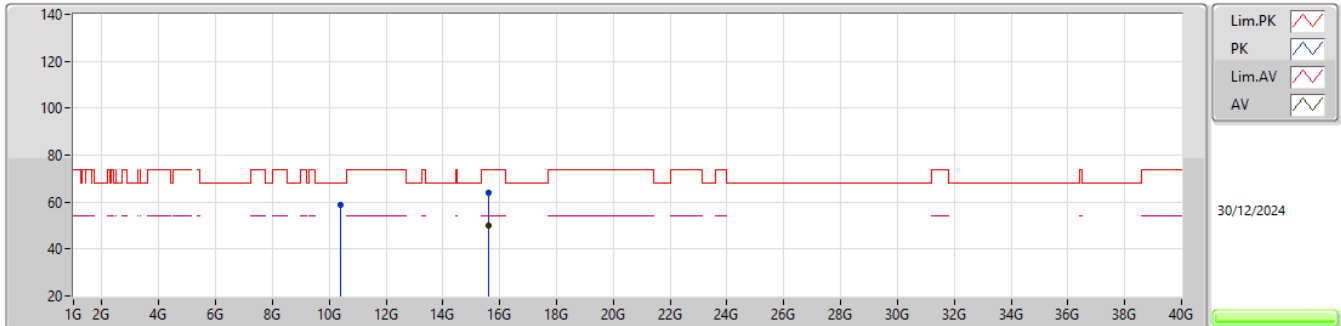


EUT_Y_4TX
 Setting 25
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1435G	62.01	74.00	-11.99	55.13	3	Horizontal	63	2.43	-	32.79	6.64	32.55			
AV	5.1425G	48.07	54.00	-5.93	41.20	3	Horizontal	63	2.43	-	32.78	6.64	32.55			
PK	5.202G	120.24	Inf	-Inf	113.24	3	Horizontal	63	2.43	-	32.90	6.63	32.53			
AV	5.202G	107.88	Inf	-Inf	100.88	3	Horizontal	63	2.43	-	32.90	6.63	32.53			
PK	5.3545G	59.42	74.00	-14.58	52.08	3	Horizontal	63	2.43	-	33.12	6.71	32.49			
AV	5.353G	48.09	54.00	-5.91	40.77	3	Horizontal	63	2.43	-	33.11	6.71	32.50			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

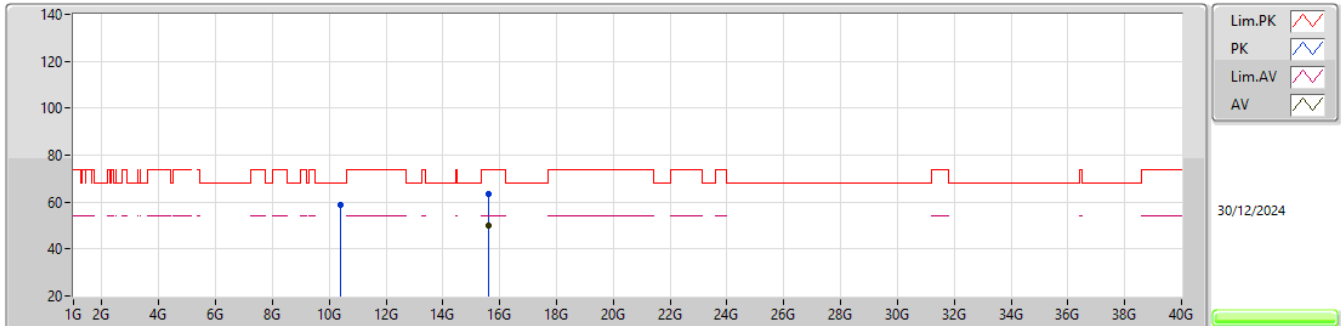


EUT_Y_4TX
 Setting 25
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.39985G	59.02	68.20	-9.18	42.09	3	Vertical	193	2.95	-	38.70	10.73	32.50			
PK	15.60059G	63.77	74.00	-10.23	44.50	3	Vertical	310	2.79	-	38.40	13.61	32.74			
AV	15.60059G	50.01	54.00	-3.99	30.74	3	Vertical	310	2.79	-	38.40	13.61	32.74			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

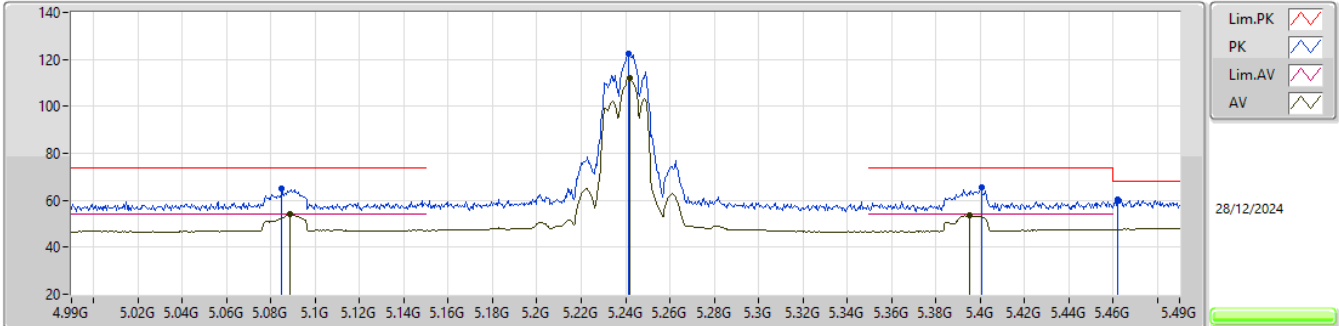


EUT_Y_4TX
 Setting 25
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.39918G	58.78	68.20	-9.42	41.85	3	Horizontal	306	1.43	-	38.70	10.73	32.50			
PK	15.60017G	63.59	74.00	-10.41	44.32	3	Horizontal	145	1.56	-	38.40	13.61	32.74			
AV	15.60041G	50.02	54.00	-3.98	30.75	3	Horizontal	145	1.56	-	38.40	13.61	32.74			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

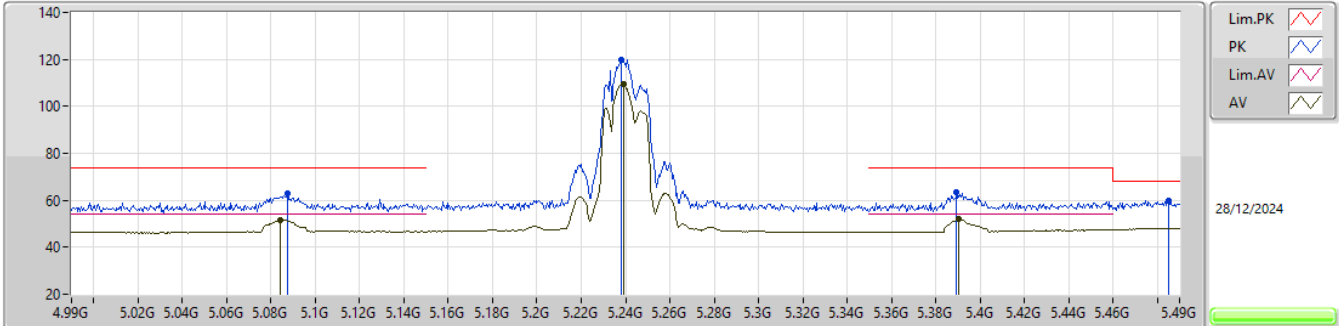


EUT_Y_4TX
 Setting 22
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.085G	65.02	74.00	-8.98	58.20	3	Vertical	58	2.45	-	32.73	6.65	32.56			
AV	5.0885G	53.94	54.00	-0.06	47.13	3	Vertical	58	2.45	-	32.72	6.65	32.56			
PK	5.2415G	122.45	Inf	-Inf	115.42	3	Vertical	58	2.45	-	32.90	6.65	32.52			
AV	5.242G	111.83	Inf	-Inf	104.80	3	Vertical	58	2.45	-	32.90	6.65	32.52			
PK	5.4005G	65.46	74.00	-8.54	57.91	3	Vertical	58	2.45	-	33.30	6.73	32.48			
AV	5.395G	53.65	54.00	-0.35	46.13	3	Vertical	58	2.45	-	33.28	6.73	32.49			
PK	5.462G	60.18	68.20	-8.02	52.24	3	Vertical	58	2.45	-	33.57	6.84	32.47			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

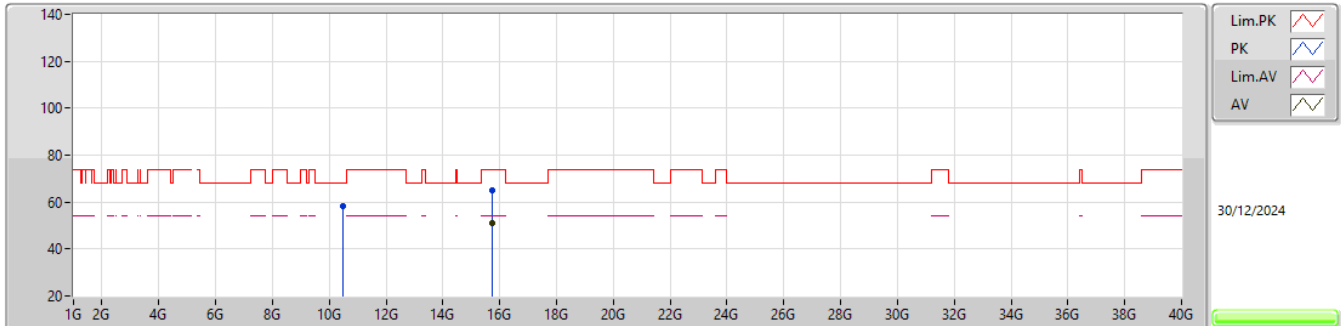


EUT_Y_4TX
 Setting 22
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.0875G	62.96	74.00	-11.04	56.14	3	Horizontal	11	3.00	-	32.73	6.65	32.56
AV	5.084G	51.62	54.00	-2.38	44.80	3	Horizontal	11	3.00	-	32.73	6.65	32.56
PK	5.238G	119.83	Inf	-Inf	112.80	3	Horizontal	11	3.00	-	32.90	6.65	32.52
AV	5.239G	109.49	Inf	-Inf	102.46	3	Horizontal	11	3.00	-	32.90	6.65	32.52
PK	5.3895G	63.36	74.00	-10.64	55.87	3	Horizontal	11	3.00	-	33.26	6.72	32.49
AV	5.3905G	52.01	54.00	-1.99	44.51	3	Horizontal	11	3.00	-	33.26	6.73	32.49
PK	5.485G	59.81	68.20	-8.39	51.67	3	Horizontal	11	3.00	-	33.71	6.89	32.46

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

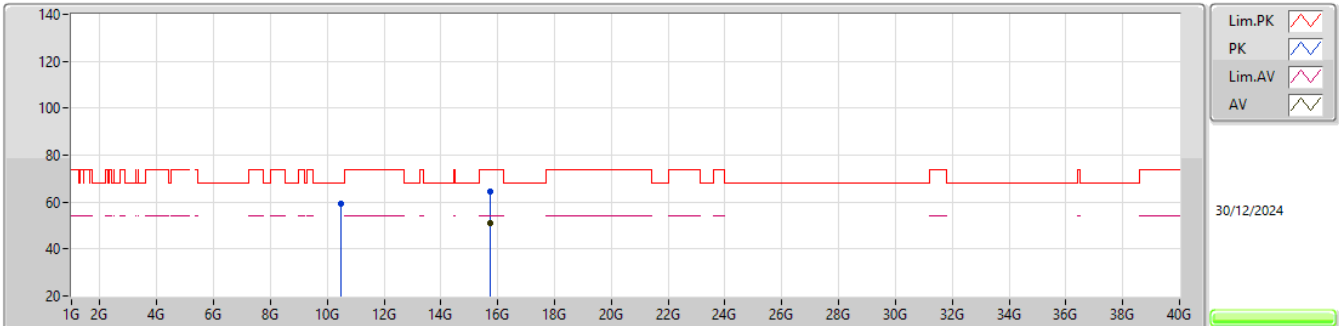
5240MHz_TX

EUT_Y_4TX
Setting 22
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.47911G	58.28	68.20	-9.92	40.98	3	Vertical	16	1.18	-	38.92	10.81	32.43			
PK	15.7195G	65.23	74.00	-8.77	46.09	3	Vertical	157	2.14	-	38.28	13.62	32.76			
AV	15.721G	50.93	54.00	-3.07	31.79	3	Vertical	157	2.14	-	38.28	13.62	32.76			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

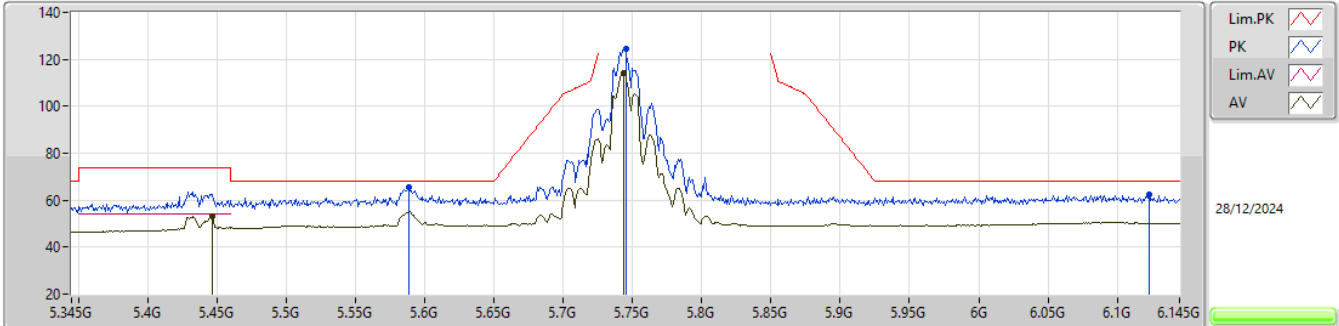


EUT_Y_4TX
 Setting 22
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47931G	59.40	68.20	-8.80	42.10	3	Horizontal	116	2.83	-	38.92	10.81	32.43
PK	15.72057G	64.69	74.00	-9.31	45.55	3	Horizontal	358	1.21	-	38.28	13.62	32.76
AV	15.71924G	50.90	54.00	-3.10	31.76	3	Horizontal	358	1.21	-	38.28	13.62	32.76

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5745MHz_TX

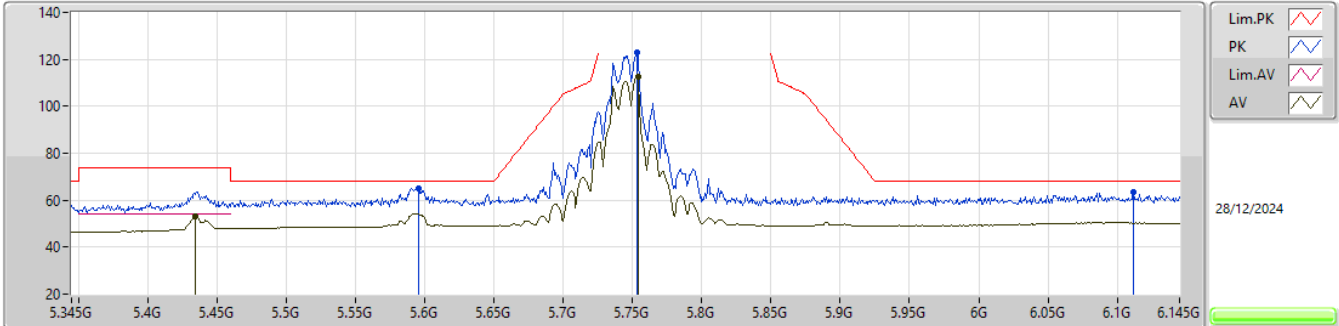


EUT_Y_4TX
 Setting 25
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.5882G	65.76	68.20	-2.44	57.24	3	Vertical	301	1.80	-	33.90	7.08	32.46			
AV	5.4466G	53.16	54.00	-0.84	45.32	3	Vertical	301	1.80	-	33.49	6.82	32.47			
PK	5.745G	124.28	Inf	-Inf	115.35	3	Vertical	301	1.80	-	34.10	7.28	32.45			
AV	5.7434G	114.39	Inf	-Inf	105.46	3	Vertical	301	1.80	-	34.10	7.28	32.45			
PK	6.1234G	62.18	68.20	-6.02	51.70	3	Vertical	301	1.80	-	35.35	7.56	32.43			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5745MHz_TX

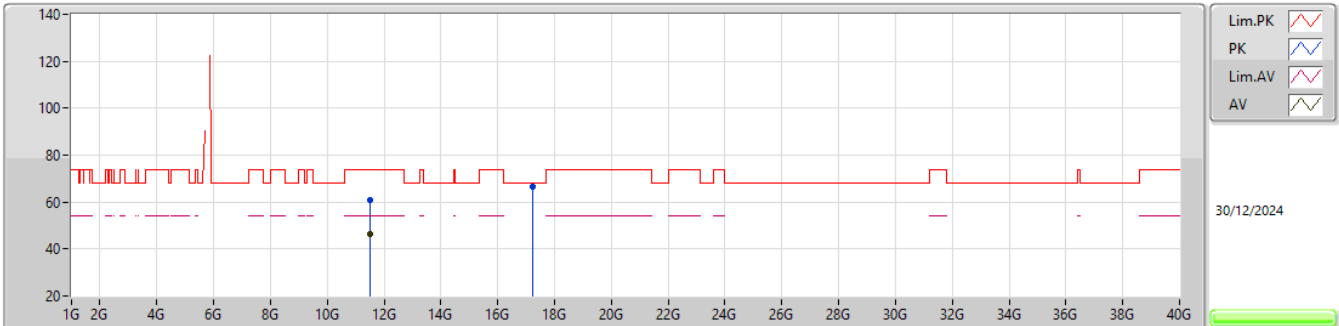


EUT_Y_4TX
 Setting 25
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
AV	5.4346G	53.11	54.00	-0.89	45.36	3	Horizontal	11	3.00	-	33.44	6.79	32.48			
PK	5.5954G	65.10	68.20	-3.10	56.57	3	Horizontal	11	3.00	-	33.90	7.09	32.46			
PK	5.753G	122.83	Inf	-Inf	113.88	3	Horizontal	11	3.00	-	34.11	7.29	32.45			
AV	5.7538G	112.37	Inf	-Inf	103.42	3	Horizontal	11	3.00	-	34.11	7.29	32.45			
PK	6.1114G	63.33	68.20	-4.87	52.83	3	Horizontal	11	3.00	-	35.38	7.55	32.43			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5745MHz_TX

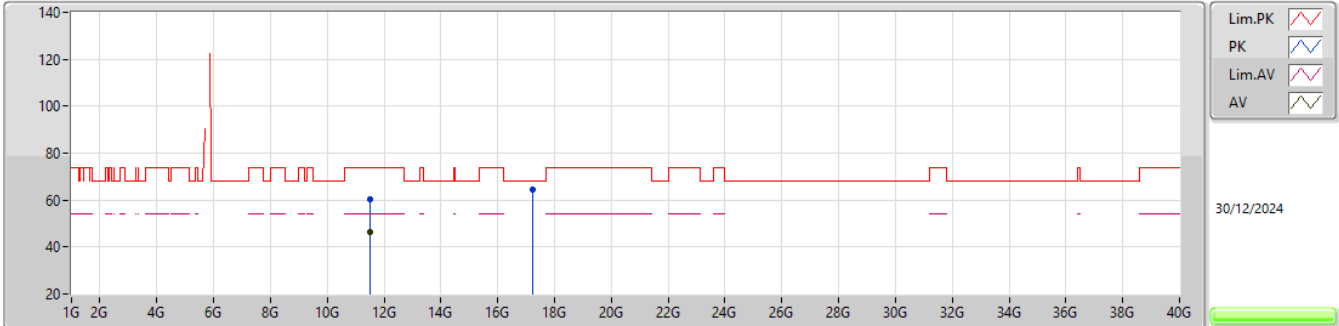


EUT_Y_4TX
 Setting 25
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.48948G	61.07	74.00	-12.93	42.89	3	Vertical	176	1.90	-	38.92	11.84	32.58			
AV	11.49013G	46.52	54.00	-7.48	28.34	3	Vertical	176	1.90	-	38.92	11.84	32.58			
PK	17.23566G	66.51	68.20	-1.69	42.99	3	Vertical	245	1.25	-	41.44	14.01	31.93			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5745MHz_TX

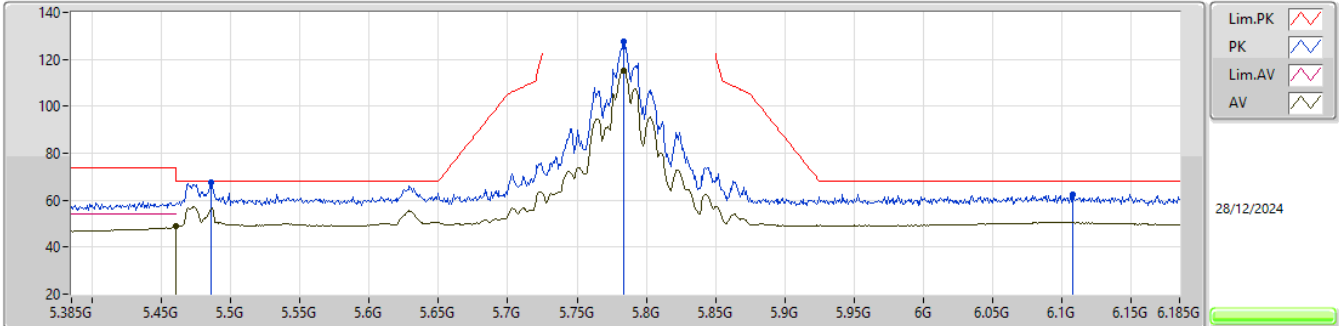


EUT_Y_4TX
 Setting 25
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.49026G	60.54	74.00	-13.46	42.36	3	Horizontal	87	2.78	-	38.92	11.84	32.58			
AV	11.48987G	46.50	54.00	-7.50	28.32	3	Horizontal	87	2.78	-	38.92	11.84	32.58			
PK	17.23489G	64.35	68.20	-3.85	40.83	3	Horizontal	293	2.39	-	41.44	14.01	31.93			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5785MHz_TX

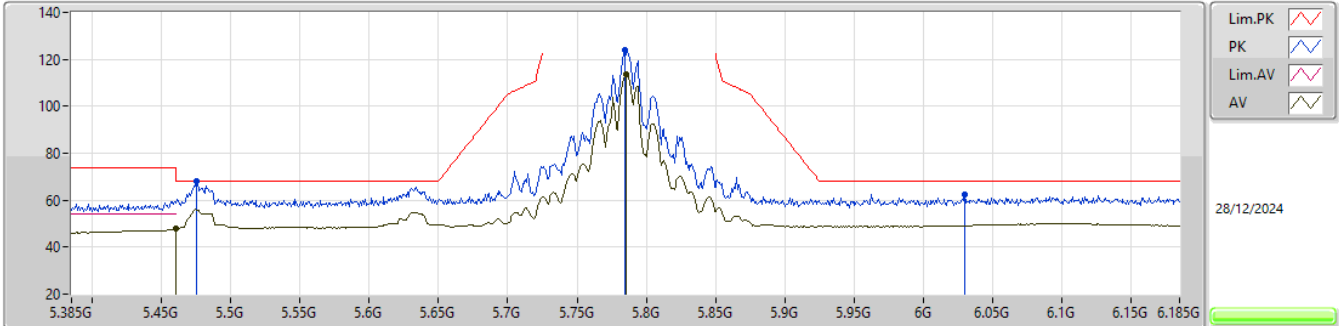


EUT_Y_4TX
 Setting 28
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4858G	67.38	68.20	-0.82	59.24	3	Vertical	302	1.80	-	33.71	6.89	32.46			
AV	5.46G	48.87	54.00	-5.13	40.94	3	Vertical	302	1.80	-	33.56	6.84	32.47			
PK	5.7834G	127.50	Inf	-Inf	118.45	3	Vertical	302	1.80	-	34.17	7.33	32.45			
AV	5.7834G	115.41	Inf	-Inf	106.36	3	Vertical	302	1.80	-	34.17	7.33	32.45			
PK	6.1082G	62.44	68.20	-5.76	51.94	3	Vertical	302	1.80	-	35.38	7.55	32.43			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5785MHz_TX

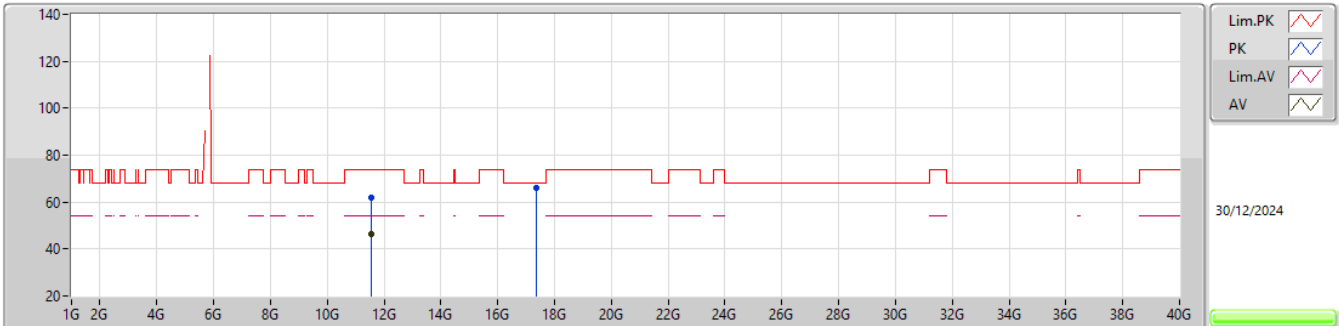


EUT_Y_4TX
 Setting 28
 01-C-R-7-10

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	5.4754G	67.93	68.20	-0.27	59.88	3	Horizontal	18	3.00	-	33.65	6.87	32.47				
AV	5.46G	47.71	54.00	-6.29	39.78	3	Horizontal	18	3.00	-	33.56	6.84	32.47				
PK	5.7842G	123.73	Inf	-Inf	114.68	3	Horizontal	18	3.00	-	34.17	7.33	32.45				
AV	5.7858G	113.42	Inf	-Inf	104.37	3	Horizontal	18	3.00	-	34.17	7.33	32.45				
PK	6.0298G	62.29	68.20	-5.91	51.86	3	Horizontal	18	3.00	-	35.36	7.51	32.44				

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5785MHz_TX

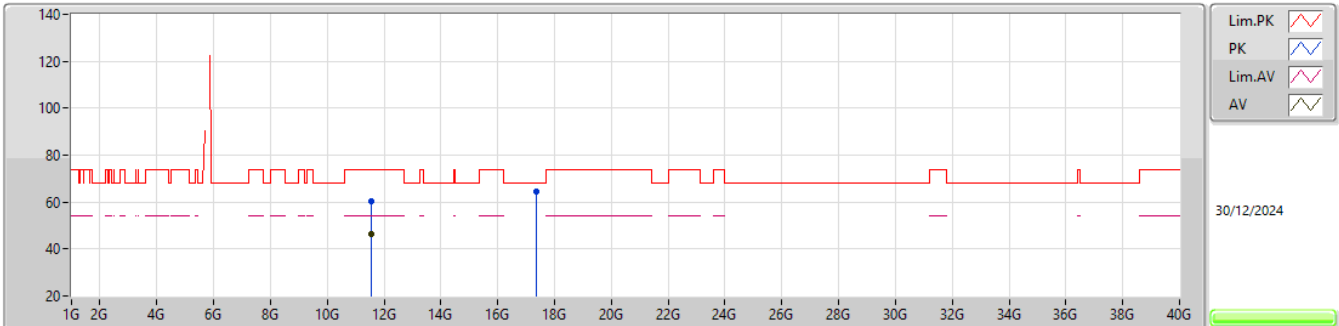


EUT_Y_4TX
 Setting 28
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.56909G	61.96	74.00	-12.04	43.69	3	Vertical	342	2.85	-	38.96	11.92	32.61			
AV	11.56963G	46.36	54.00	-7.64	28.09	3	Vertical	342	2.85	-	38.96	11.92	32.61			
PK	17.35593G	65.95	68.20	-2.25	41.94	3	Vertical	22	1.54	-	41.82	14.04	31.85			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5785MHz_TX

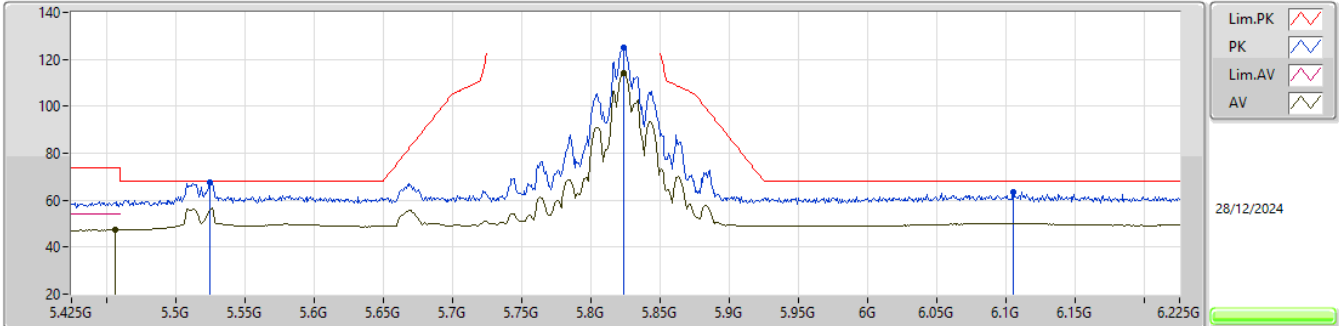


EUT_Y_4TX
 Setting 28
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.57015G	60.23	74.00	-13.77	41.96	3	Horizontal	8	2.70	-	38.96	11.92	32.61			
AV	11.56994G	46.35	54.00	-7.65	28.08	3	Horizontal	8	2.70	-	38.96	11.92	32.61			
PK	17.35489G	64.61	68.20	-3.59	40.60	3	Horizontal	73	2.87	-	41.82	14.04	31.85			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5825MHz_TX

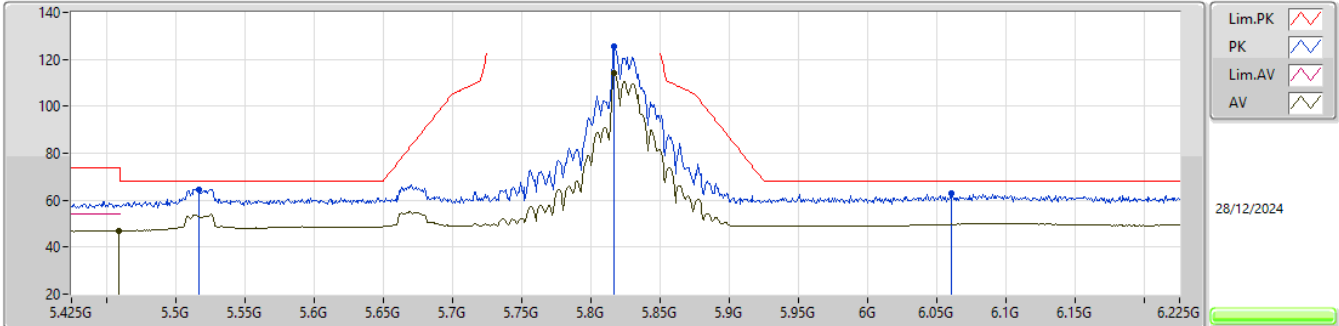


EUT_Y_4TX
 Setting 28.5
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.525G	67.79	68.20	-0.41	59.44	3	Vertical	308	1.80	-	33.85	6.96	32.46
AV	5.4562G	47.41	54.00	-6.59	39.51	3	Vertical	308	1.80	-	33.54	6.83	32.47
PK	5.8234G	124.82	Inf	-Inf	115.56	3	Vertical	308	1.80	-	34.34	7.37	32.45
AV	5.8234G	114.37	Inf	-Inf	105.11	3	Vertical	308	1.80	-	34.34	7.37	32.45
PK	6.105G	63.63	68.20	-4.57	53.12	3	Vertical	308	1.80	-	35.39	7.55	32.43

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5825MHz_TX

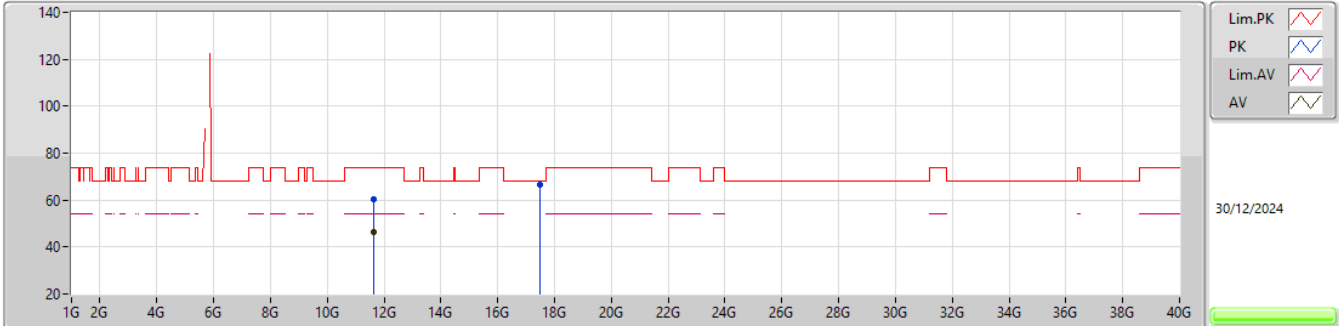


EUT_Y_4TX
 Setting 28.5
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.517G	64.72	68.20	-3.48	56.40	3	Horizontal	33	2.70	-	33.83	6.95	32.46			
AV	5.4594G	47.00	54.00	-7.00	39.07	3	Horizontal	33	2.70	-	33.56	6.84	32.47			
PK	5.817G	125.64	Inf	-Inf	116.43	3	Horizontal	33	2.70	-	34.30	7.36	32.45			
AV	5.817G	113.89	Inf	-Inf	104.68	3	Horizontal	33	2.70	-	34.30	7.36	32.45			
PK	6.0602G	62.82	68.20	-5.38	52.32	3	Horizontal	33	2.70	-	35.40	7.53	32.43			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5825MHz_TX

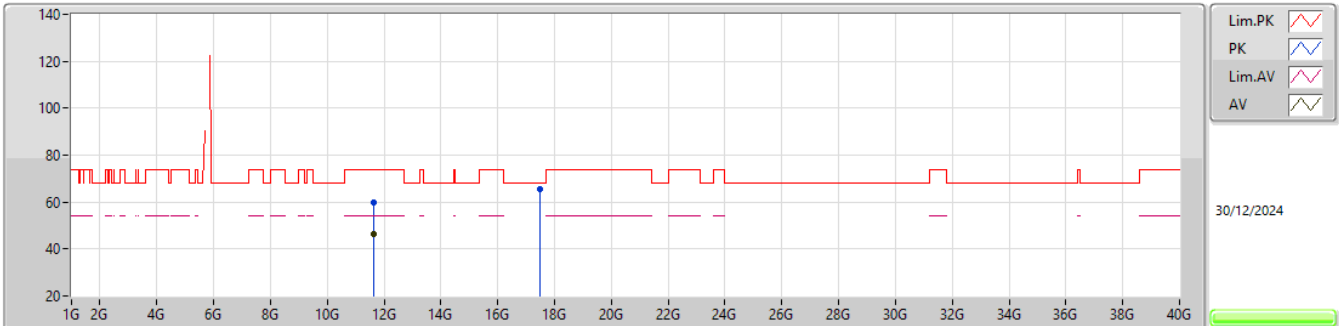


EUT_Y_4TX
 Setting 28.5
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6496G	60.47	74.00	-13.53	42.22	3	Vertical	52	2.07	-	38.90	12.00	32.65			
AV	11.6506G	46.20	54.00	-7.80	27.95	3	Vertical	52	2.07	-	38.90	12.00	32.65			
PK	17.4742G	66.31	68.20	-1.89	42.11	3	Vertical	238	1.00	-	41.90	14.08	31.78			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5825MHz_TX



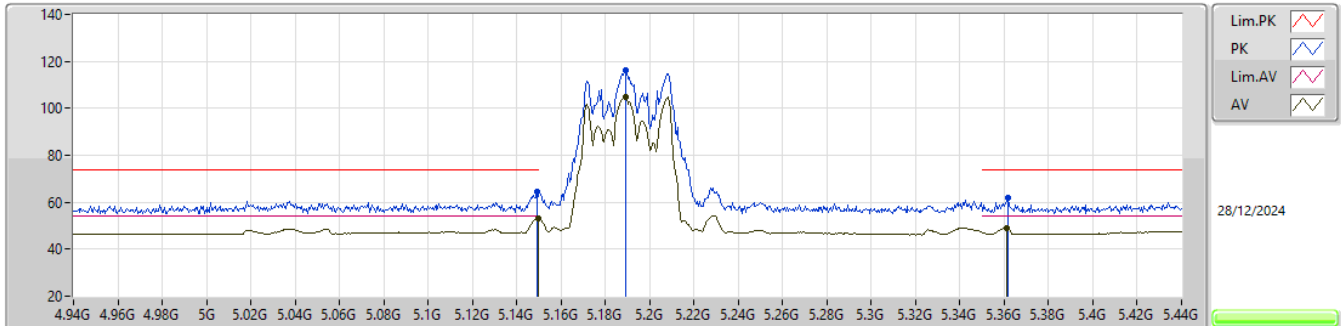
EUT_Y_4TX
 Setting 28.5
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.64919G	60.07	74.00	-13.93	41.82	3	Horizontal	148	2.69	-	38.90	12.00	32.65			
AV	11.6491G	46.19	54.00	-7.81	27.94	3	Horizontal	148	2.69	-	38.90	12.00	32.65			
PK	17.47564G	65.47	68.20	-2.73	41.27	3	Horizontal	81	1.45	-	41.90	14.08	31.78			



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5190MHz_TX



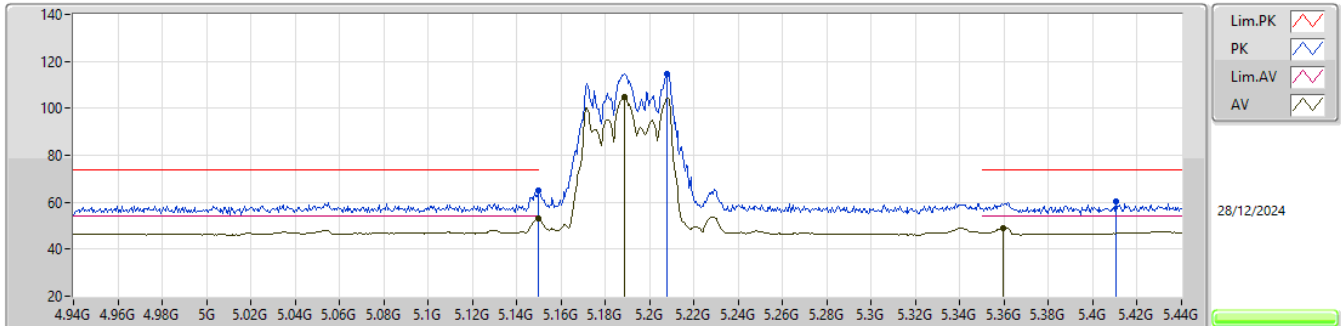
EUT_Y_4TX
Setting 20
01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.149G	64.36	74.00	-9.64	57.46	3	Vertical	49	1.80	-	32.80	6.64	32.54			
AV	5.15G	53.14	54.00	-0.86	46.24	3	Vertical	49	1.80	-	32.80	6.64	32.54			
PK	5.189G	116.21	Inf	-Inf	109.23	3	Vertical	49	1.80	-	32.88	6.63	32.53			
AV	5.189G	104.91	Inf	-Inf	97.93	3	Vertical	49	1.80	-	32.88	6.63	32.53			
PK	5.3615G	61.81	74.00	-12.19	54.44	3	Vertical	49	1.80	-	33.15	6.71	32.49			
AV	5.361G	48.98	54.00	-5.02	41.62	3	Vertical	49	1.80	-	33.14	6.71	32.49			



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5190MHz_TX

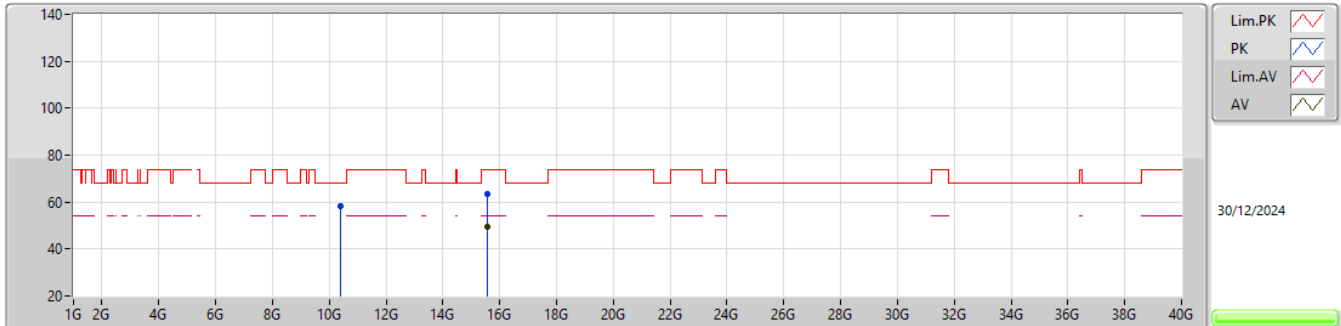


EUT_Y_4TX
Setting 20
01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.15G	65.00	74.00	-9.00	58.10	3	Horizontal	11	3.00	-	32.80	6.64	32.54			
AV	5.1495G	52.89	54.00	-1.11	45.99	3	Horizontal	11	3.00	-	32.80	6.64	32.54			
PK	5.208G	114.91	Inf	-Inf	107.91	3	Horizontal	11	3.00	-	32.90	6.63	32.53			
AV	5.1885G	104.67	Inf	-Inf	97.69	3	Horizontal	11	3.00	-	32.88	6.63	32.53			
PK	5.4105G	60.10	74.00	-13.90	52.49	3	Horizontal	11	3.00	-	33.34	6.75	32.48			
AV	5.3595G	49.05	54.00	-4.95	41.69	3	Horizontal	11	3.00	-	33.14	6.71	32.49			

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5190MHz_TX

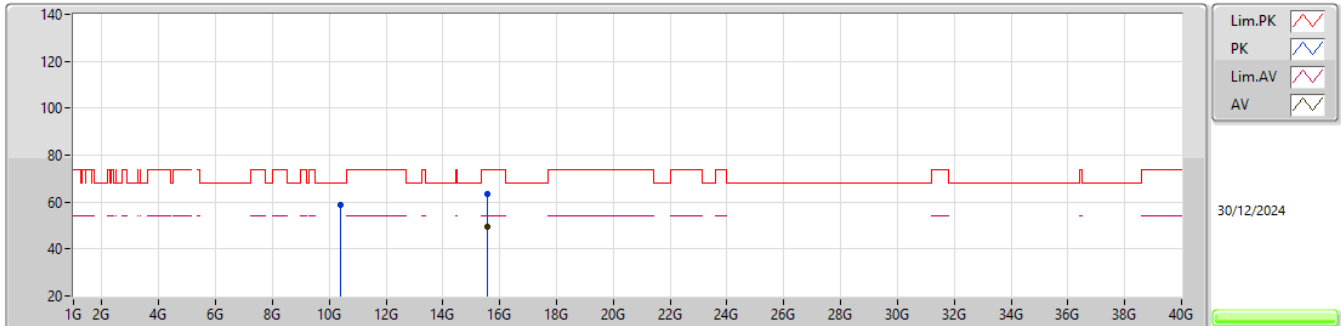


EUT_Y_4TX
 Setting 20
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.38067G	58.44	68.20	-9.76	41.51	3	Vertical	62	1.96	-	38.74	10.71	32.52			
PK	15.57009G	63.49	74.00	-10.51	44.09	3	Vertical	112	1.62	-	38.52	13.61	32.73			
AV	15.57047G	49.69	54.00	-4.31	30.29	3	Vertical	112	1.62	-	38.52	13.61	32.73			

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5190MHz_TX

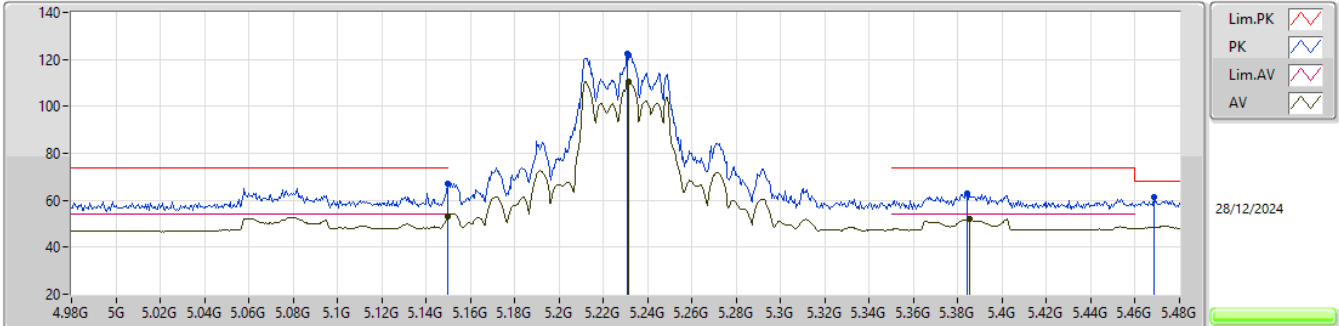


EUT_Y_4TX
 Setting 20
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.37932G	59.04	68.20	-9.16	42.11	3	Horizontal	126	2.37	-	38.74	10.71	32.52			
PK	15.57013G	63.55	74.00	-10.45	44.15	3	Horizontal	57	1.75	-	38.52	13.61	32.73			
AV	15.56953G	49.68	54.00	-4.32	30.28	3	Horizontal	57	1.75	-	38.52	13.61	32.73			

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5230MHz_TX

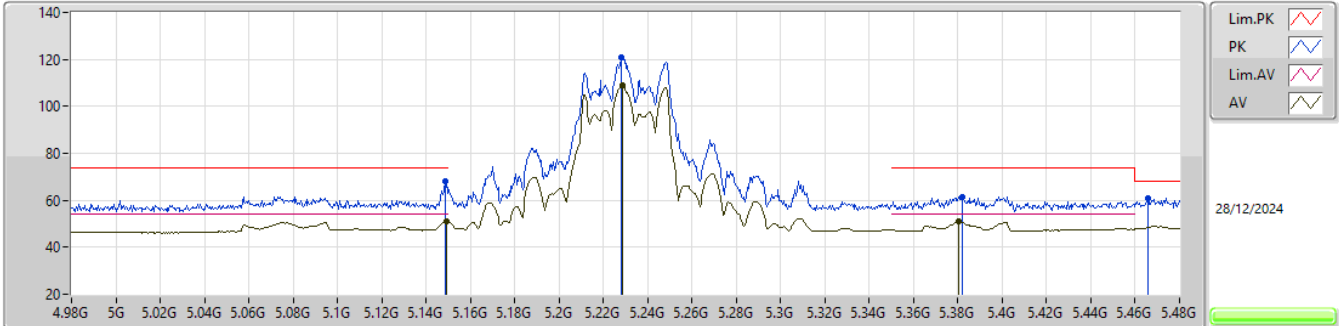


EUT_Y_4TX
 Setting 24
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	66.86	74.00	-7.14	59.96	3	Vertical	58	2.44	-	32.80	6.64	32.54			
AV	5.15G	53.09	54.00	-0.91	46.19	3	Vertical	58	2.44	-	32.80	6.64	32.54			
PK	5.231G	122.37	Inf	-Inf	115.34	3	Vertical	58	2.44	-	32.90	6.65	32.52			
AV	5.2315G	110.55	Inf	-Inf	103.52	3	Vertical	58	2.44	-	32.90	6.65	32.52			
PK	5.384G	62.69	74.00	-11.31	55.22	3	Vertical	58	2.44	-	33.24	6.72	32.49			
AV	5.385G	51.92	54.00	-2.08	44.45	3	Vertical	58	2.44	-	33.24	6.72	32.49			
PK	5.4685G	61.16	68.20	-7.04	53.16	3	Vertical	58	2.44	-	33.61	6.86	32.47			

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5230MHz_TX

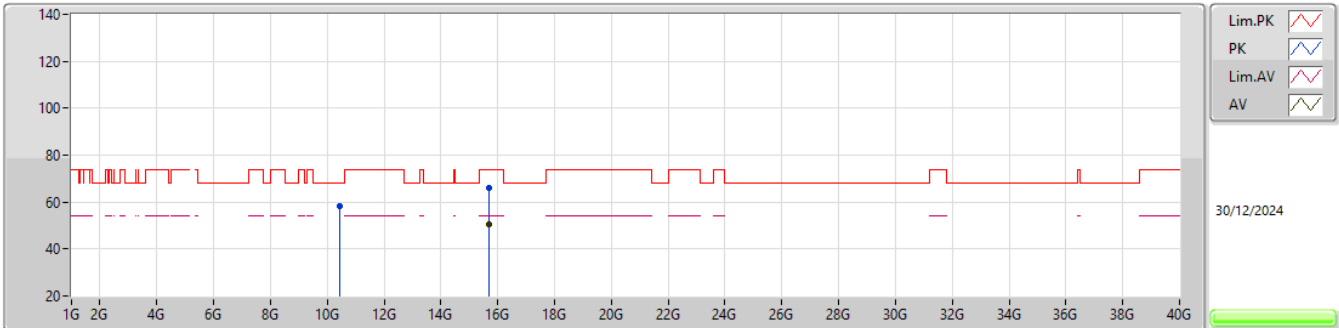


EUT_Y_4TX
 Setting 24
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1485G	68.23	74.00	-5.77	61.33	3	Horizontal	11	3.00	-	32.80	6.64	32.54
AV	5.149G	51.29	54.00	-2.71	44.39	3	Horizontal	11	3.00	-	32.80	6.64	32.54
PK	5.228G	120.97	Inf	-Inf	113.96	3	Horizontal	11	3.00	-	32.90	6.64	32.53
AV	5.2285G	108.78	Inf	-Inf	101.77	3	Horizontal	11	3.00	-	32.90	6.64	32.53
PK	5.382G	61.61	74.00	-12.39	54.15	3	Horizontal	11	3.00	-	33.23	6.72	32.49
AV	5.3805G	50.81	54.00	-3.19	43.36	3	Horizontal	11	3.00	-	33.22	6.72	32.49
PK	5.466G	60.71	68.20	-7.49	52.73	3	Horizontal	11	3.00	-	33.60	6.85	32.47

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5230MHz_TX

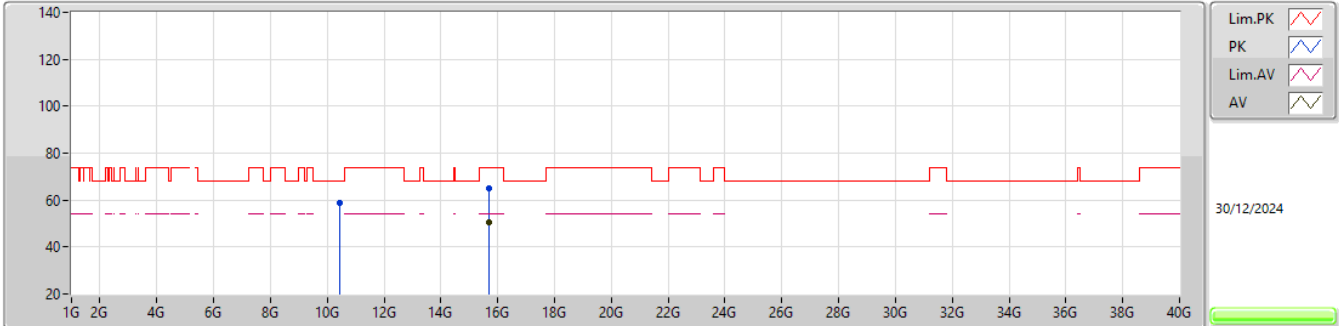


EUT_Y_4TX
 Setting
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.46032G	58.42	68.20	-9.78	41.24	3	Vertical	71	2.97	-	38.84	10.79	32.45			
PK	15.68994G	65.85	74.00	-8.15	46.80	3	Vertical	2	1.74	-	38.18	13.62	32.75			
AV	15.69028G	50.73	54.00	-3.27	31.68	3	Vertical	2	1.74	-	38.18	13.62	32.75			

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5230MHz_TX

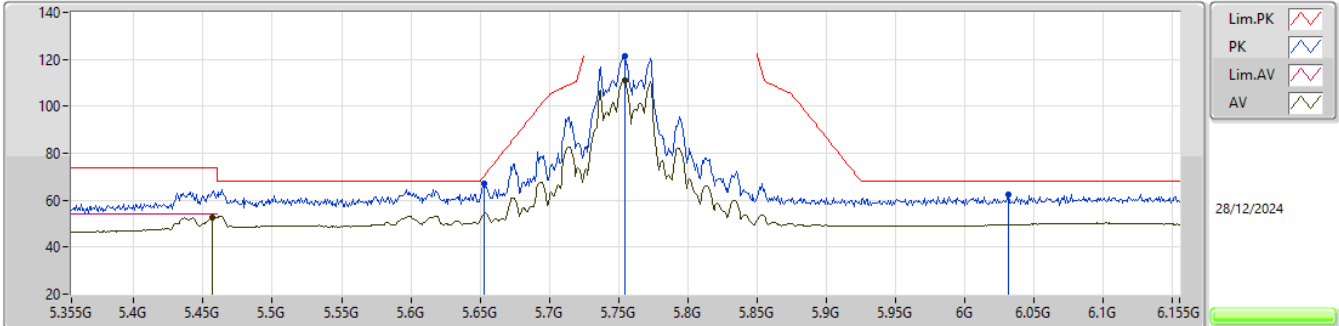


EUT_Y_4TX
 Setting
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.46049G	58.57	68.20	-9.63	41.39	3	Horizontal	4	1.23	-	38.84	10.79	32.45			
PK	15.69036G	64.90	74.00	-9.10	45.85	3	Horizontal	223	2.19	-	38.18	13.62	32.75			
AV	15.69028G	50.70	54.00	-3.30	31.65	3	Horizontal	223	2.19	-	38.18	13.62	32.75			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5755MHz_TX

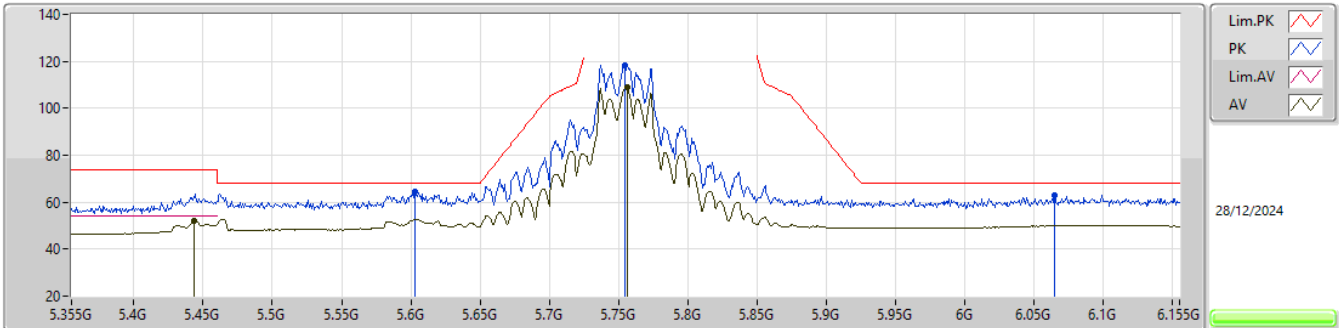


EUT_Y_4TX
 Setting 24
 01-C-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.4566G	52.77	54.00	-1.23	44.87	3	Vertical	304	1.80	-	33.54	6.83	32.47
PK	5.6526G	67.06	70.12	-3.06	58.33	3	Vertical	304	1.80	-	34.01	7.17	32.45
PK	5.7542G	121.33	Inf	-Inf	112.38	3	Vertical	304	1.80	-	34.11	7.29	32.45
AV	5.7542G	111.11	Inf	-Inf	102.16	3	Vertical	304	1.80	-	34.11	7.29	32.45
PK	6.0318G	62.61	68.20	-5.59	52.18	3	Vertical	304	1.80	-	35.36	7.51	32.44

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5755MHz_TX

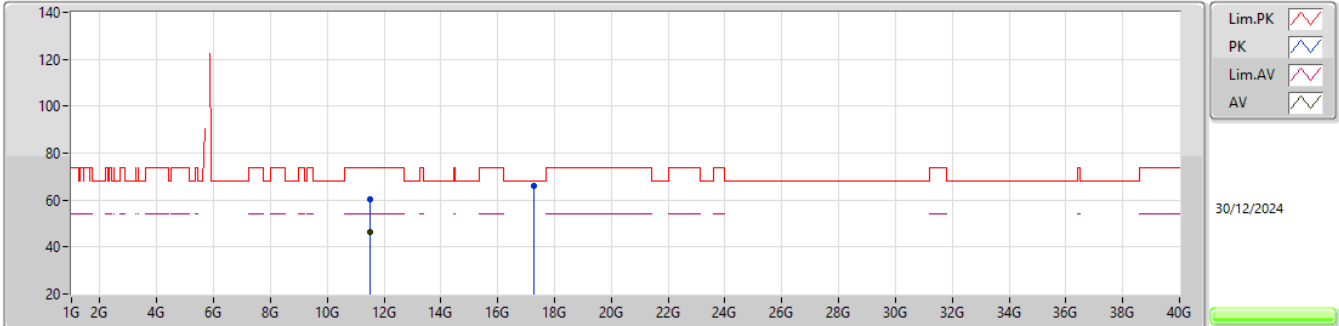


EUT_Y_4TX
 Setting 24
 01-C-R-7-10

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	5.603G	64.39	68.20	-3.81	55.84	3	Horizontal	17	3.00	-	33.91	7.10	32.46			
AV	5.4438G	51.91	54.00	-2.09	44.09	3	Horizontal	17	3.00	-	33.48	6.81	32.47			
PK	5.7542G	118.46	Inf	-Inf	109.51	3	Horizontal	17	3.00	-	34.11	7.29	32.45			
AV	5.7566G	108.85	Inf	-Inf	99.89	3	Horizontal	17	3.00	-	34.11	7.30	32.45			
PK	6.0646G	63.17	68.20	-5.03	52.67	3	Horizontal	17	3.00	-	35.40	7.53	32.43			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5755MHz_TX

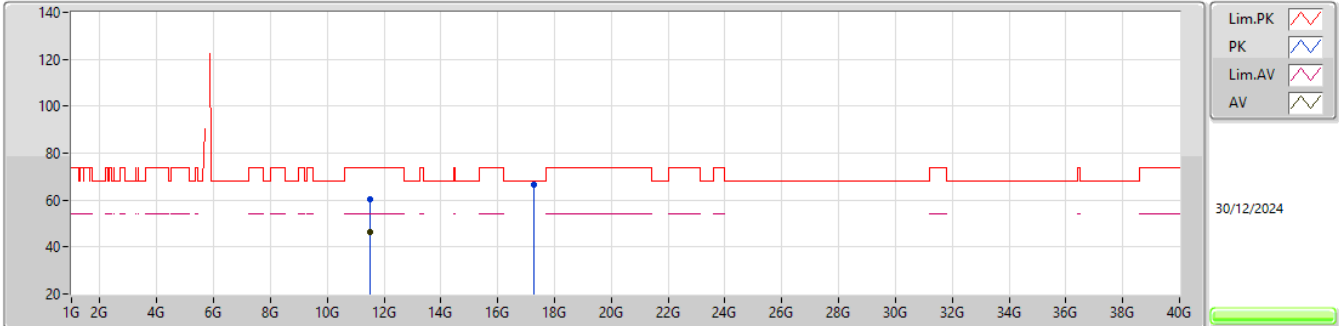


EUT_Y_4TX
 Setting 24
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.50949G	60.60	74.00	-13.40	42.40	3	Vertical	359	1.89	-	38.92	11.86	32.58			
AV	11.50906G	46.56	54.00	-7.44	28.36	3	Vertical	359	1.89	-	38.92	11.86	32.58			
PK	17.26491G	65.93	68.20	-2.27	42.26	3	Vertical	353	1.57	-	41.56	14.02	31.91			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5755MHz_TX

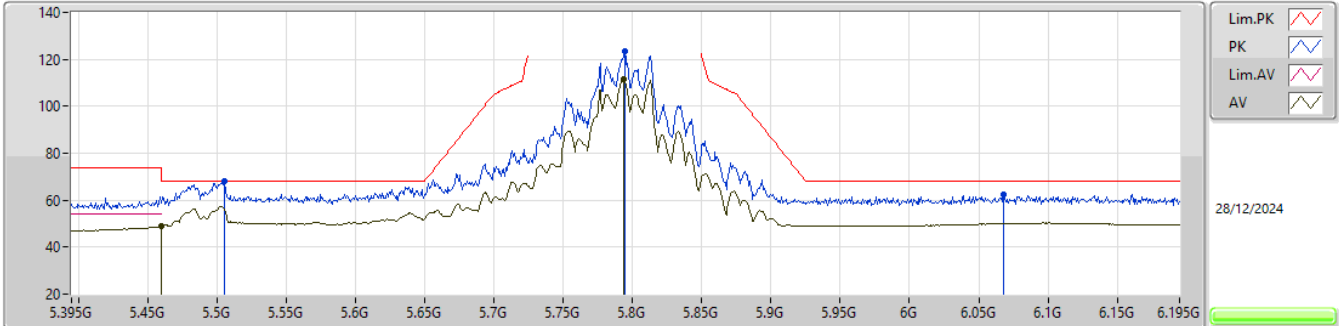


EUT_Y_4TX
 Setting 24
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.50902G	60.37	74.00	-13.63	42.17	3	Horizontal	303	2.75	-	38.92	11.86	32.58			
AV	11.50946G	46.57	54.00	-7.43	28.37	3	Horizontal	303	2.75	-	38.92	11.86	32.58			
PK	17.26554G	66.47	68.20	-1.73	42.80	3	Horizontal	82	1.07	-	41.56	14.02	31.91			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5795MHz_TX

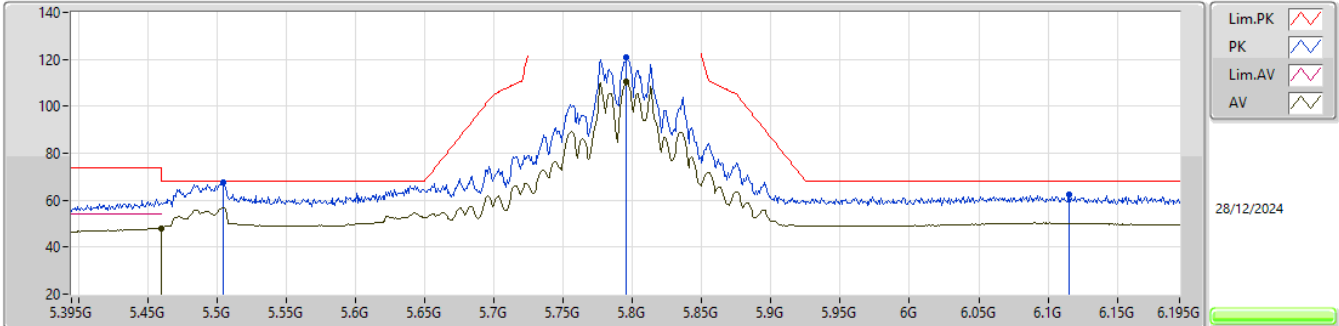


EUT_Y_4TX
 Setting 26
 01-C-R-7-10

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	5.5054G	67.90	68.20	-0.30	59.63	3	Vertical	300	1.80	-	33.81	6.92	32.46			
AV	5.4598G	48.83	54.00	-5.17	40.90	3	Vertical	300	1.80	-	33.56	6.84	32.47			
PK	5.7942G	123.66	Inf	-Inf	114.58	3	Vertical	300	1.80	-	34.19	7.34	32.45			
AV	5.7934G	111.63	Inf	-Inf	102.55	3	Vertical	300	1.80	-	34.19	7.34	32.45			
PK	6.0678G	62.64	68.20	-5.56	52.14	3	Vertical	300	1.80	-	35.40	7.53	32.43			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5795MHz_TX

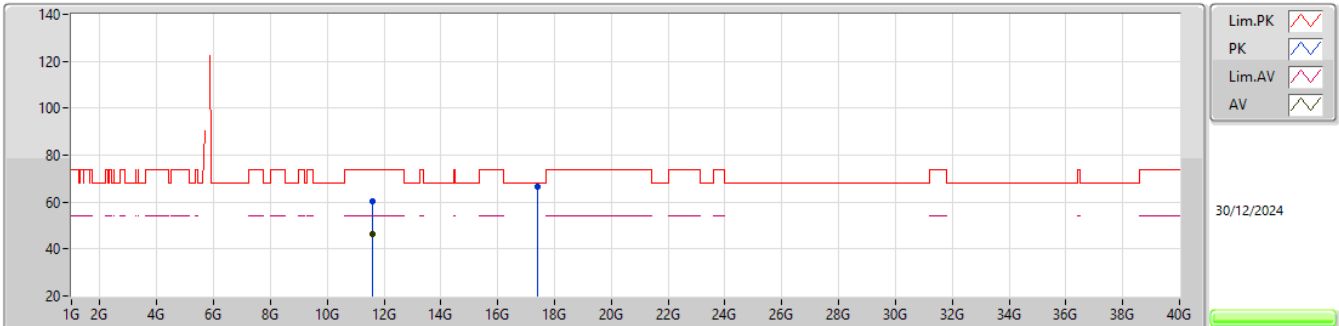


EUT_Y_4TX
 Setting 26
 01-C-R-7-10

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	5.5046G	67.57	68.20	-0.63	59.30	3	Horizontal	18	3.00	-	33.81	6.92	32.46			
AV	5.4598G	48.14	54.00	-5.86	40.21	3	Horizontal	18	3.00	-	33.56	6.84	32.47			
PK	5.7958G	121.01	Inf	-Inf	111.93	3	Horizontal	18	3.00	-	34.19	7.34	32.45			
AV	5.7958G	110.51	Inf	-Inf	101.43	3	Horizontal	18	3.00	-	34.19	7.34	32.45			
PK	6.115G	62.50	68.20	-5.70	52.01	3	Horizontal	18	3.00	-	35.37	7.55	32.43			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5795MHz_TX

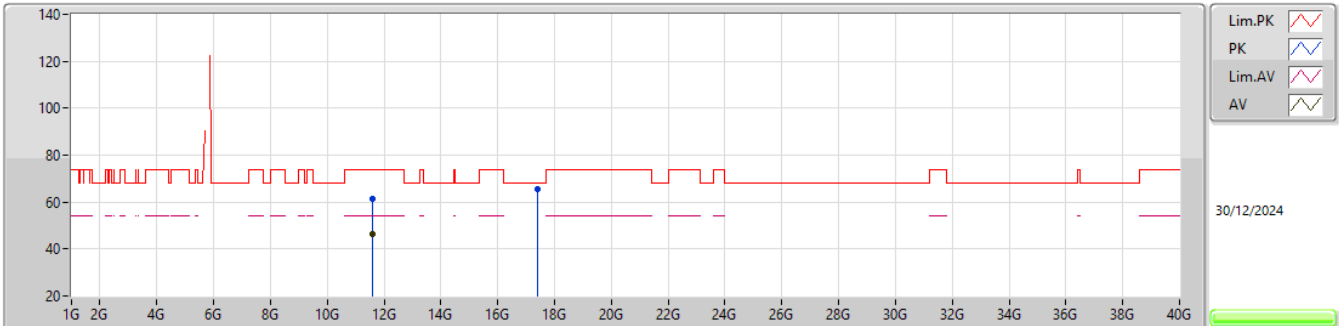


EUT_Y_4TX
 Setting 26
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.59078G	60.41	74.00	-13.59	42.17	3	Vertical	353	2.68	-	38.92	11.94	32.62			
AV	11.58929G	46.37	54.00	-7.63	28.13	3	Vertical	353	2.68	-	38.92	11.94	32.62			
PK	17.38418G	66.51	68.20	-1.69	42.35	3	Vertical	11	1.19	-	41.94	14.05	31.83			

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5795MHz_TX



EUT_Y_4TX
 Setting 26
 01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.59083G	61.59	74.00	-12.41	43.35	3	Horizontal	112	2.14	-	38.92	11.94	32.62			
AV	11.58906G	46.38	54.00	-7.62	28.14	3	Horizontal	112	2.14	-	38.92	11.94	32.62			
PK	17.38504G	65.31	68.20	-2.89	41.15	3	Horizontal	146	2.06	-	41.94	14.05	31.83			