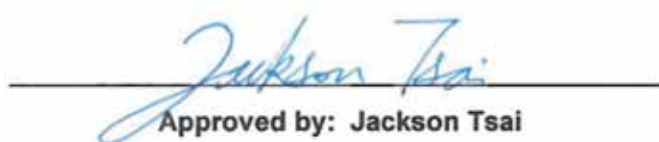


FCC Radio Test Report

FCC ID : 2A8MT-AP6PRO
Equipment : 4x4 Dual-band Enterprise Access Point
Brand Name : ALTA LABS 
Model Name : AP6-Pro
Applicant : SoundVision Technologies, dba Alta Labs
192 N Old Hwy 91, Unit 1 Hurricane, Utah,
United States 84737
Manufacturer : SoundVision Technologies, dba Alta Labs
192 N Old Hwy 91, Unit 1 Hurricane, Utah,
United States 84737
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 11, 2023, and testing was started from Jan. 11, 2023 and completed on Apr. 18, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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PHOTOGRAPHS OF EUT V01	

[illegible]



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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ryan Hsiao

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX

**Beamforming**

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LITEON	3010001429GD	PIFA	I-PEX
2	LITEON	3010001441GD	PIFA	I-PEX
3	LITEON	3010001443GD	PIFA	I-PEX
4	LITEON	3010001442GD	PIFA	I-PEX

Ant.	Port	Gain (dBi)			
		UNII-1	UNII-2A	UNII-2C	UNII-3
1	1	3.75	3.96	4.18	4.23
2	2	3.51	3.83	4.08	3.91
3	3	3.28	3.13	3.01	3.19
4	4	4.22	4.26	4.12	4.28

Composite Gain (dBi)				
	UNII-1	UNII-2A	UNII-2C	UNII-3
DG [1SS]	5.55	5.89	6.23	5.73

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 1 (port 1), Ant. 2 (port 2) and Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Client
Beamforming Function	☒	With beamforming	☐	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.: ...			
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
☐	Other:			

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_4TX	0.922	0.35	1.433m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.801	0.96	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.816	0.88	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.814	0.89	5.446m	300
802.11ax HEW160_Nss1,(MCS0)_4TX	0.816	0.88	5.446m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.934	0.3	3.461m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.95	0.22	3.457m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.948	0.23	3.713m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.957	0.19	3.914m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR310611AN
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Frequency bands U-NII-2A and U-NII-2C were added	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions above 1GHz were evaluated

1.2 Testing Applied 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
- KDB 789033 D02 v02r01

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

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Johnny	22.4~23.6°C / 51~57%	10/Feb/2023~18/Apr/2023
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Non-Beamforming)	03CH09-HY	Lego	20.6~22.4°C / 55~63%	11/Jan/2023~10/Feb/2023
Radiated (Beamforming)	03CH09-HY	Lego	21.1~22.2°C / 57~63%	08/Feb/2023~10/Feb/2023

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	qdart_conn.win.1.0_installer_00086.1
-----------------------	--------------------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	17.5
5300MHz	17
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	17.5
5300MHz	17
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	17
5310MHz	17
5510MHz	17.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	16
5530MHz	18
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18



Mode	Power Setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
5250MHz Straddle 5.25-5.35GHz	15.5
5570MHz	17.5

Beamforming

Test Software Version	Tera Term Version 4.76
-----------------------	------------------------

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	22
5300MHz	22
5320MHz	22
5500MHz	24
5580MHz	24
5700MHz	22
5720MHz Straddle 5.47-5.725GHz	24
5720MHz Straddle 5.725-5.85GHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	22
5310MHz	22
5510MHz	22
5550MHz	22
5670MHz	22
5710MHz Straddle 5.47-5.725GHz	24
5710MHz Straddle 5.725-5.85GHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	23
5530MHz	24
5610MHz	24
5690MHz Straddle 5.47-5.725GHz	24
5690MHz Straddle 5.725-5.85GHz	24
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	21
5250MHz Straddle 5.25-5.35GHz	21
5570MHz	24

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak 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	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	2.4GHz WLAN+5GHz WLAN+Bluetooth
Refer to Sporton Test Report No.: FA310611-01 for Co-location RF Exposure Evaluation.	



2.3 Accessories

Accessories				
Ceiling Bracket	Brand Name	N/A	Model Name	N/A
Wallmount	Brand Name	N/A	Model Name	N/A

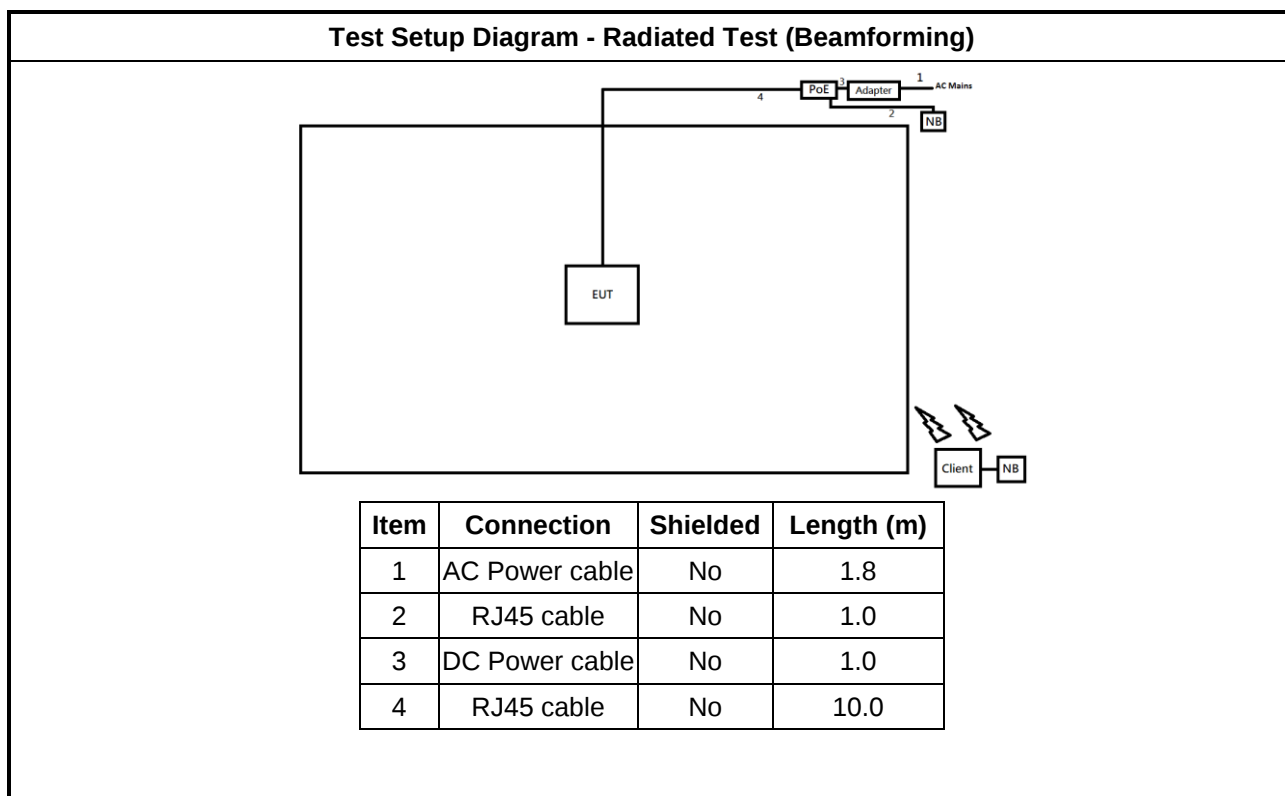
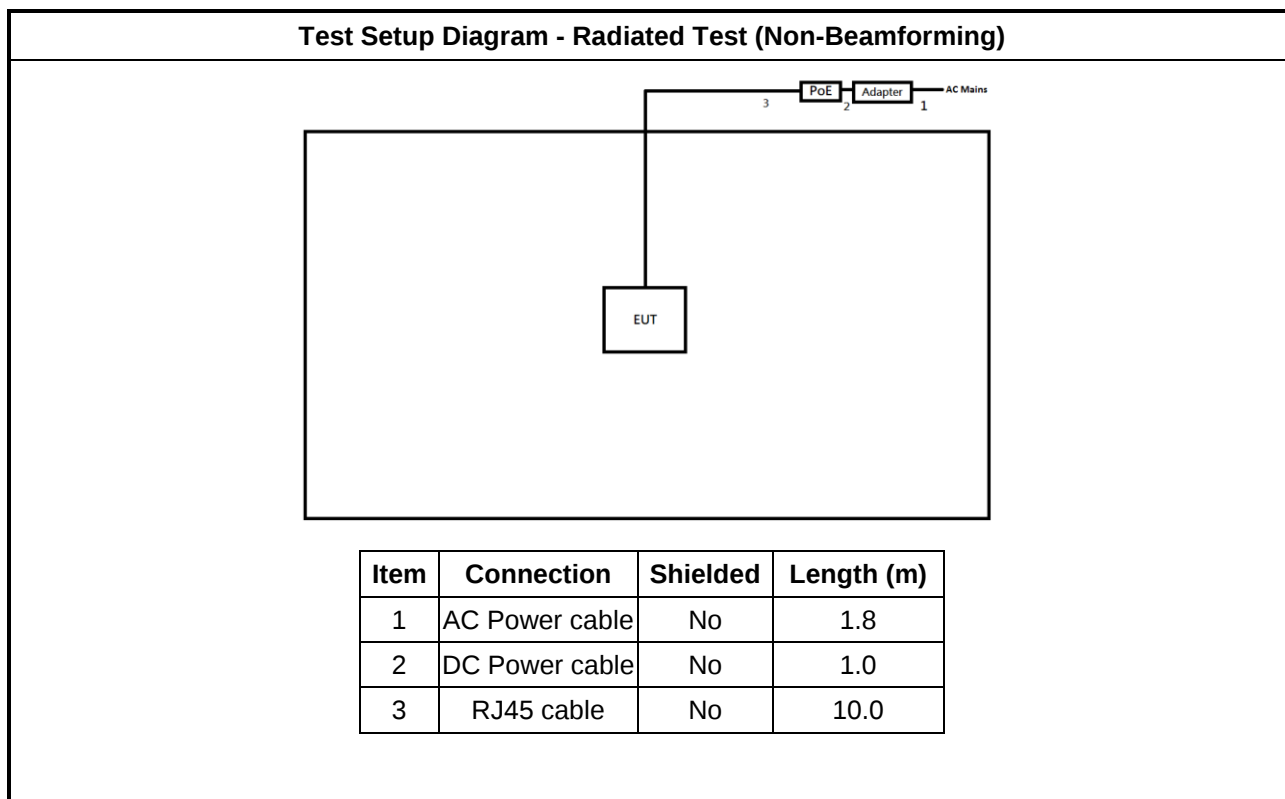
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Notebook	DELL	E5410	-	-
4	Adapter for NB	DELL	HA65NM130	-	-
5	Adapter	Asian	WB-24M12FU	-	Provided by Customer
6	PoE	Cambium	NET-P60-56IN	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	Notebook	HP	5220M	-	Remote
3	Adapter for NB	HP	PPP012L-E	-	Remote
4	Notebook	DELL	E5410	-	Remote
5	Adapter for NB	DELL	HA65NM130	-	Remote
6	Adapter	Asian	WB-24M12FU	-	Remote Provided by Customer
7	PoE	Cambium	NET-P60-56IN	-	Remote Provided by Customer
8	AC Power cable	Power Sync	PW-GPC180-3	-	Remote

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

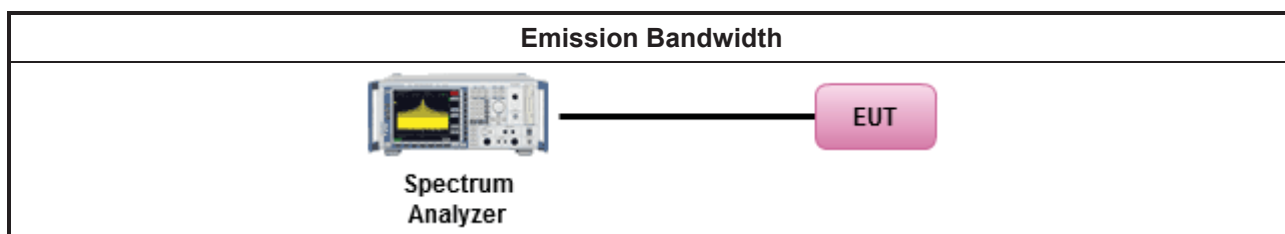
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted 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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

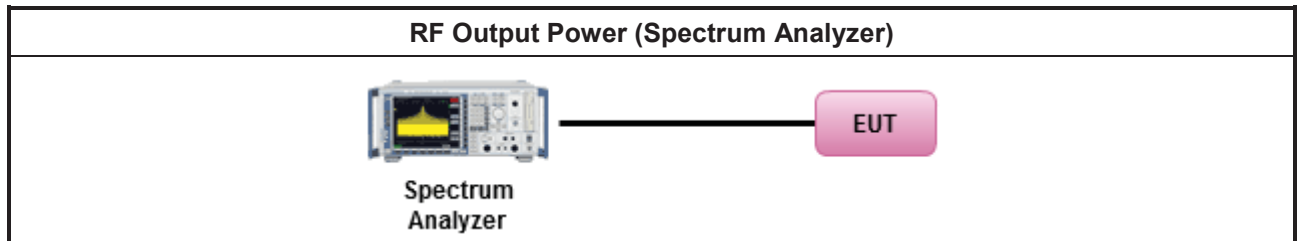
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

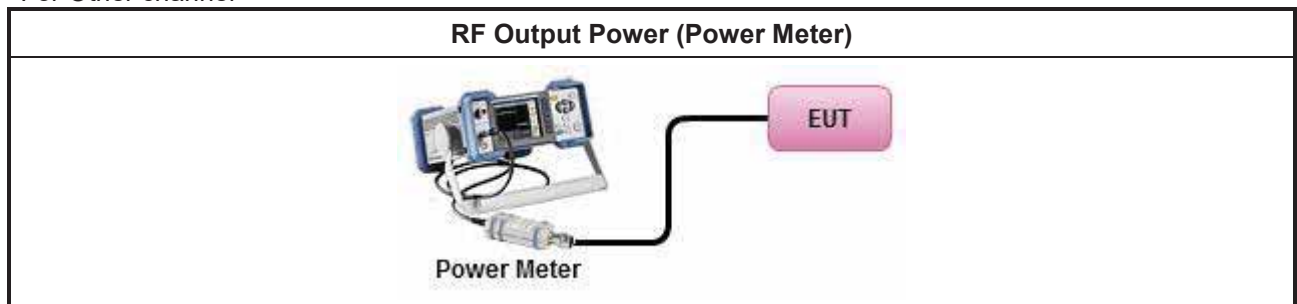
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density 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.
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.	

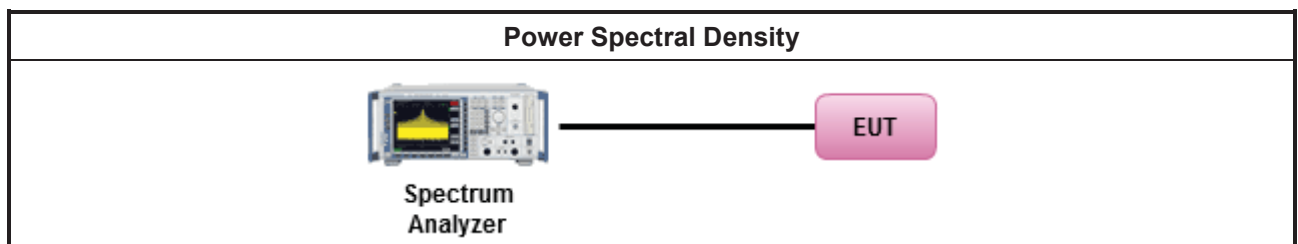
3.3.2 Measuring Instruments

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

3.3.3 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 KDB 789033, 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%	
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as KDB 789033, 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:	
Measure and sum the spectra across the outputs. Refer as 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.	
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]) $EIRP_{total} = PPSD_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated 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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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).

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

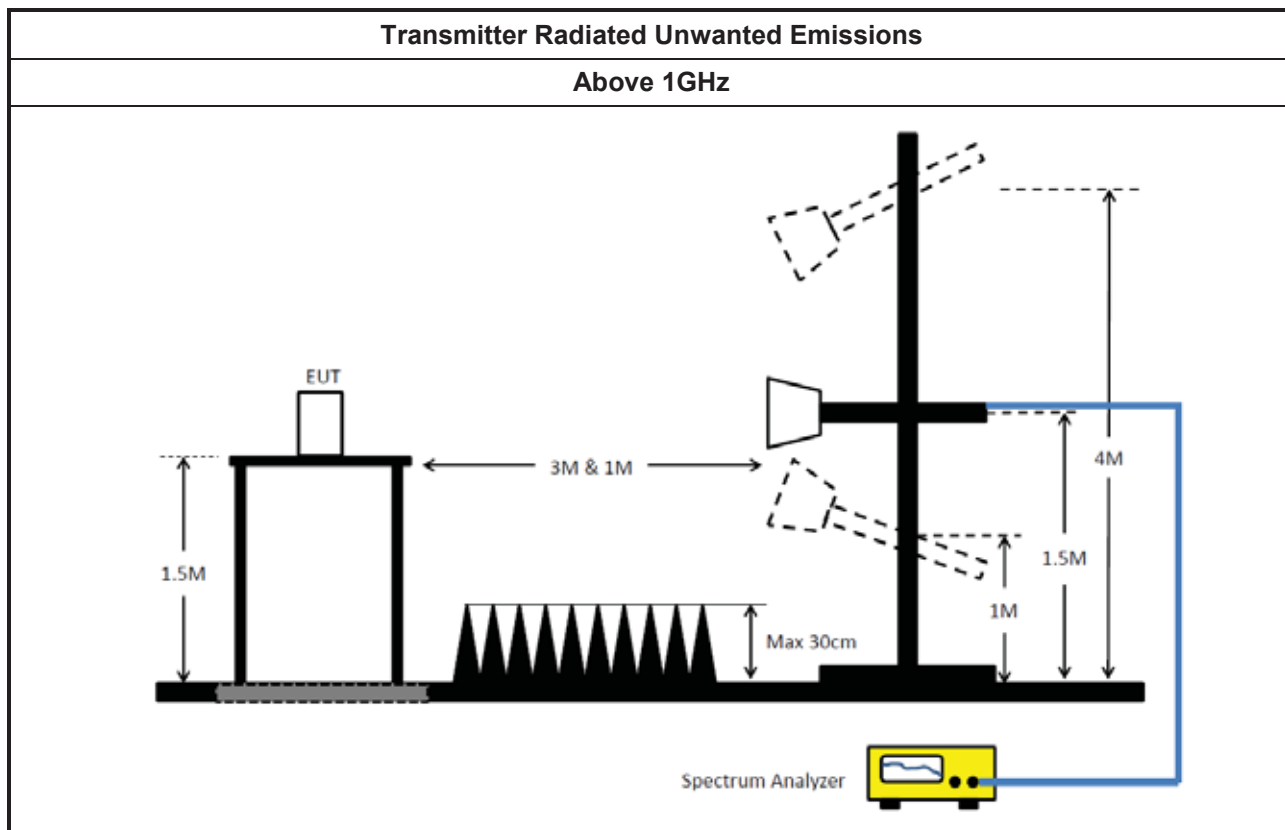
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (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.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.4.5 Test Setup



3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	09/Dec/2022	08/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz ~ 18GHz	10/Mar/2022	09/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE_15407_NII	Sporton	Sporton	V5.11	NA	NA	NA

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	81.84M	77.287M	77M3D1D	81.12M	77.058M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.195M	16.338M	16M3D1D	18.59M	16.316M
802.11ax HEW20_Nss1,(MCS0)_4TX	20.9M	18.891M	18M9D1D	20.46M	18.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.48M	37.698M	37M7D1D	40.04M	37.603M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.06M	77.009M	77M0D1D	81.4M	76.963M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.36M	77.174M	77M2D1D	80.88M	77.086M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.085M	16.338M	16M3D1D	14.13M	13.163M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.23M	18.891M	18M9D1D	15.42M	14.423M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.59M	37.681M	37M7D1D	34.93M	33.653M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.72M	77.261M	77M3D1D	76.05M	73.088M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.56M	154.835M	155MD1D	163.68M	154.623M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.14M	3.398M	3M40D1D	3.12M	3.358M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.48M	4.538M	4M54D1D	4.42M	4.538M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.06M	4.098M	4M10D1D	3.98M	4.078M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.12M	4.198M	4M20D1D	4.02M	4.198M

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	18.92M	16.316M	18.975M	16.316M	19.03M	16.338M	18.975M	16.338M
5300MHz	Pass	Inf	18.755M	16.316M	18.755M	16.316M	19.03M	16.338M	18.92M	16.338M
5320MHz	Pass	Inf	18.59M	16.316M	18.755M	16.338M	19.195M	16.338M	19.195M	16.338M
5500MHz	Pass	Inf	18.7M	16.316M	18.865M	16.294M	18.975M	16.338M	19.085M	16.338M
5580MHz	Pass	Inf	18.59M	16.316M	18.645M	16.294M	18.975M	16.338M	19.03M	16.338M
5700MHz	Pass	Inf	18.81M	16.316M	18.645M	16.294M	18.975M	16.338M	18.975M	16.316M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.13M	13.163M	14.28M	13.163M	14.175M	13.178M	14.22M	13.193M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.358M	3.12M	3.378M	3.12M	3.398M	3.14M	3.358M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.68M	18.866M	20.515M	18.866M	20.845M	18.866M	20.845M	18.866M
5300MHz	Pass	Inf	20.68M	18.866M	20.9M	18.891M	20.735M	18.866M	20.735M	18.841M
5320MHz	Pass	Inf	20.46M	18.866M	20.845M	18.866M	20.68M	18.866M	20.79M	18.866M
5500MHz	Pass	Inf	21.065M	18.841M	20.625M	18.866M	20.735M	18.841M	21.23M	18.866M
5580MHz	Pass	Inf	20.735M	18.841M	20.9M	18.866M	20.735M	18.841M	20.845M	18.841M
5700MHz	Pass	Inf	20.79M	18.866M	21.01M	18.866M	20.68M	18.866M	20.845M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.42M	14.423M	15.465M	14.423M	15.45M	14.438M	15.435M	14.423M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.538M	4.44M	4.538M	4.48M	4.538M	4.42M	4.538M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.48M	37.685M	40.37M	37.681M	40.26M	37.652M	40.48M	37.662M
5310MHz	Pass	Inf	40.15M	37.682M	40.04M	37.603M	40.15M	37.629M	40.48M	37.698M
5510MHz	Pass	Inf	40.26M	37.631M	40.48M	37.631M	40.37M	37.681M	40.48M	37.631M
5550MHz	Pass	Inf	40.48M	37.631M	40.37M	37.681M	40.37M	37.681M	40.37M	37.631M
5670MHz	Pass	Inf	40.59M	37.631M	40.37M	37.631M	40.37M	37.631M	40.26M	37.681M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.105M	33.688M	34.93M	33.653M	35M	33.653M	34.93M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.078M	4.06M	4.078M	3.98M	4.078M	4M	4.098M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	76.989M	81.4M	76.963M	82.06M	77M	81.84M	77.009M
5530MHz	Pass	Inf	81.62M	77.161M	82.28M	77.161M	82.5M	77.261M	82.28M	77.061M
5610MHz	Pass	Inf	82.06M	77.061M	82.72M	77.061M	81.62M	77.161M	82.28M	77.061M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.088M	76.05M	73.088M	76.125M	73.088M	76.425M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.198M	4.08M	4.198M	4.02M	4.198M	4.12M	4.198M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.84M	77.287M	81.2M	77.235M	81.12M	77.058M	81.2M	77.279M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.28M	77.127M	80.88M	77.086M	81.36M	77.174M	81.2M	77.127M
5570MHz	Pass	Inf	164.56M	154.835M	164.56M	154.754M	163.68M	154.711M	163.68M	154.623M

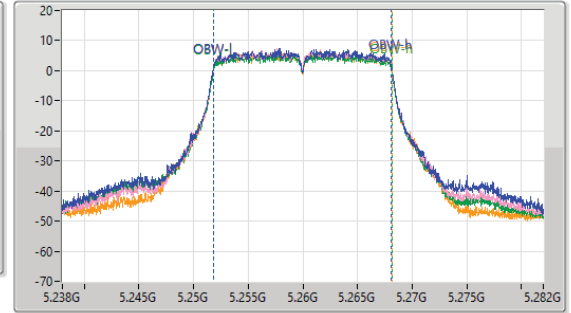
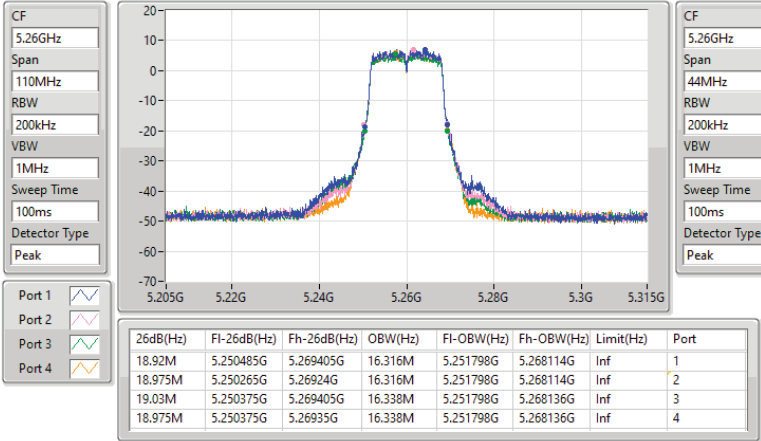
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5260MHz

18/04/2023

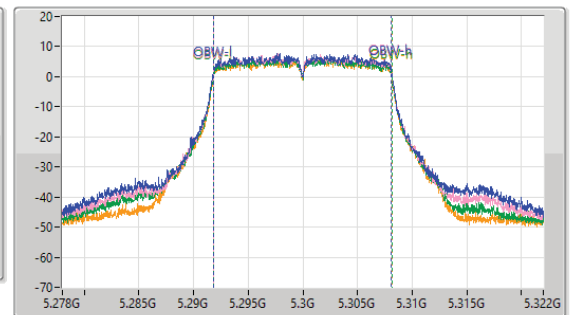
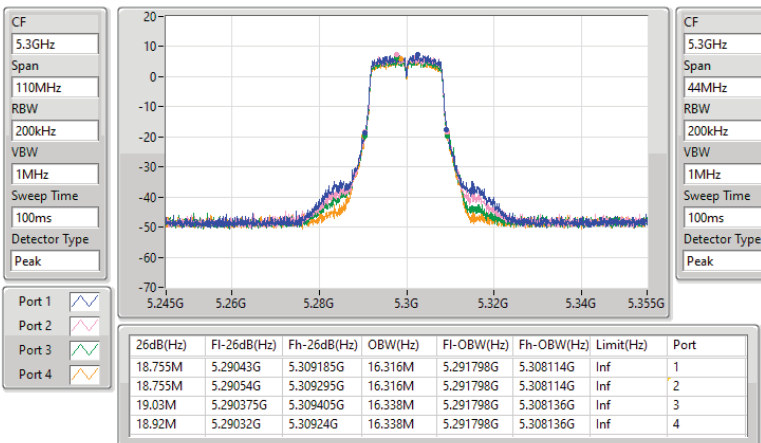


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

18/04/2023

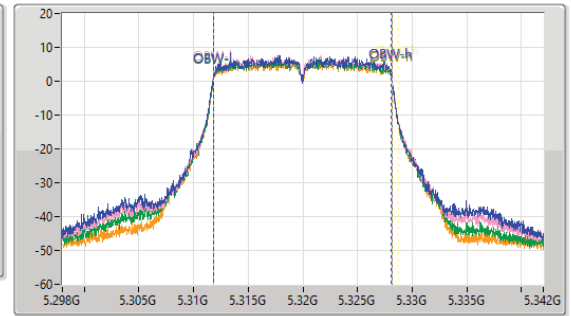
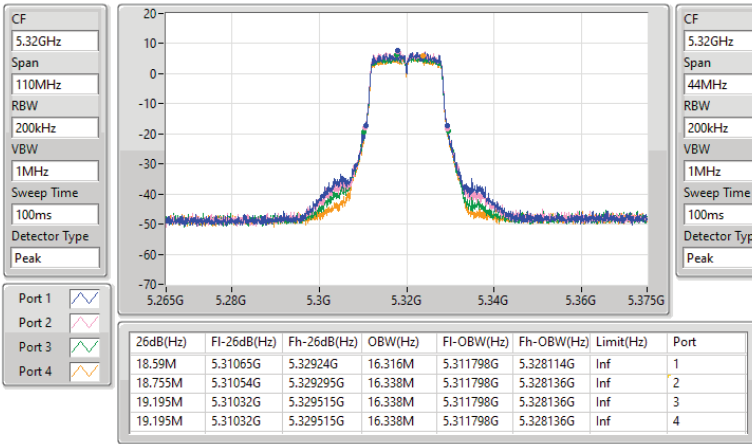


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

18/04/2023

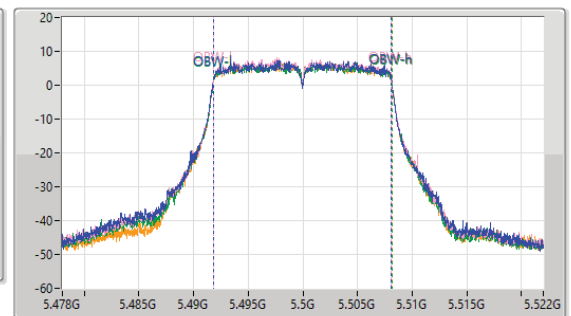
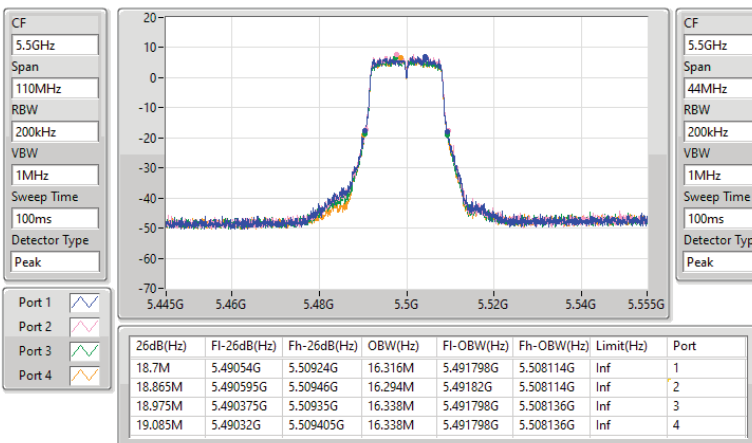


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

18/04/2023

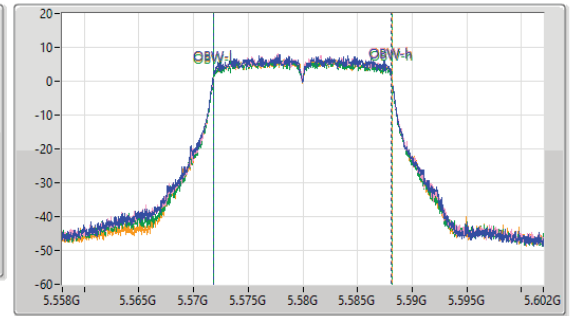
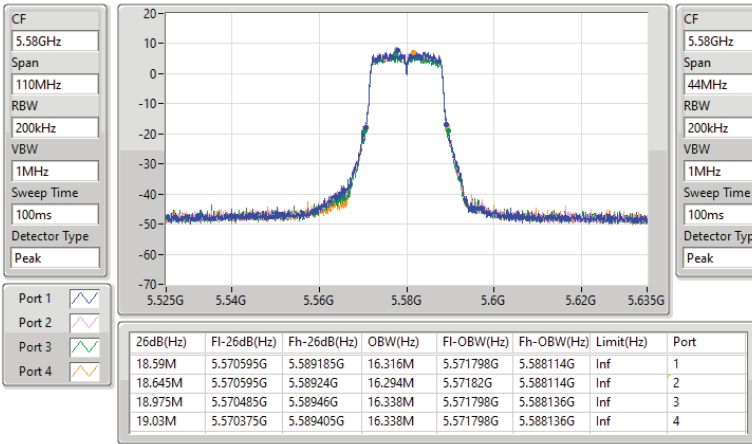


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

18/04/2023

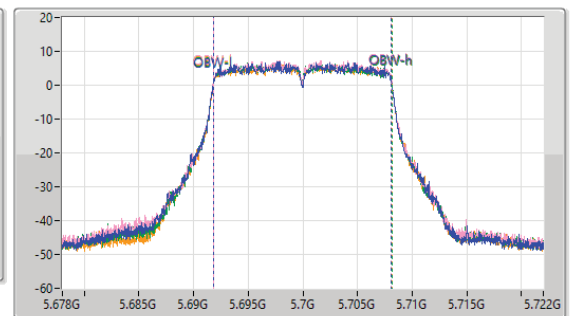
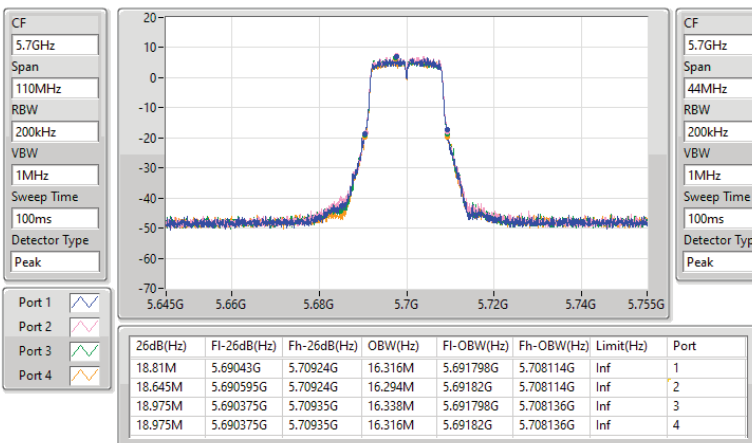


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

18/04/2023

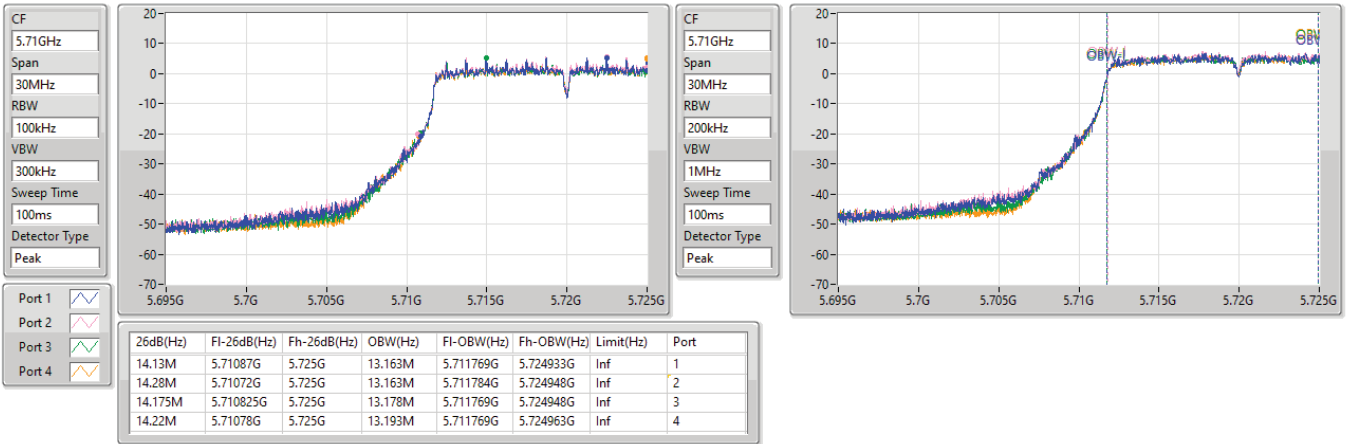


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

18/04/2023

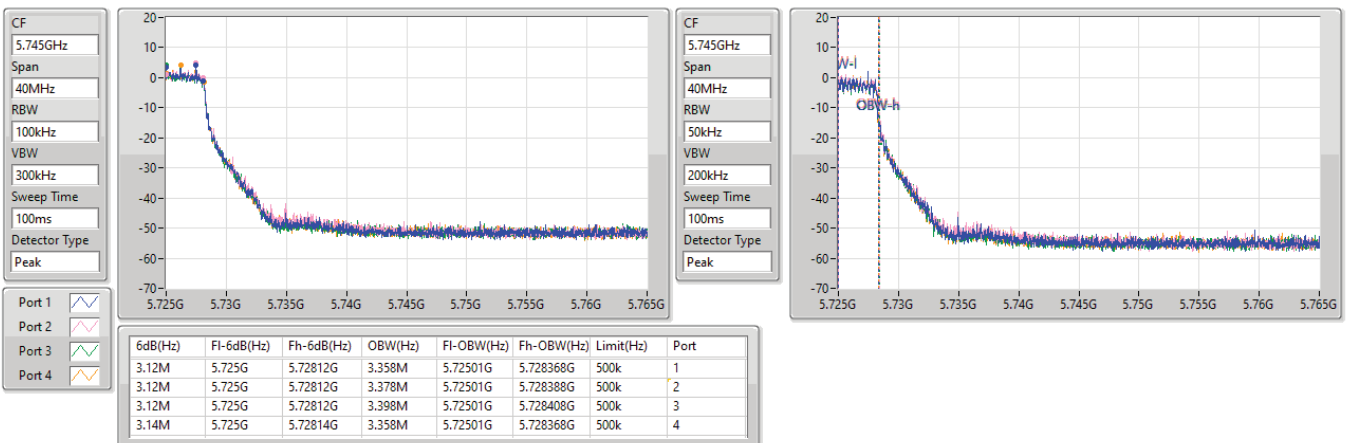


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/04/2023

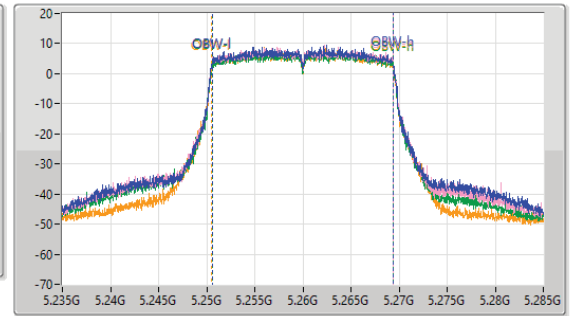
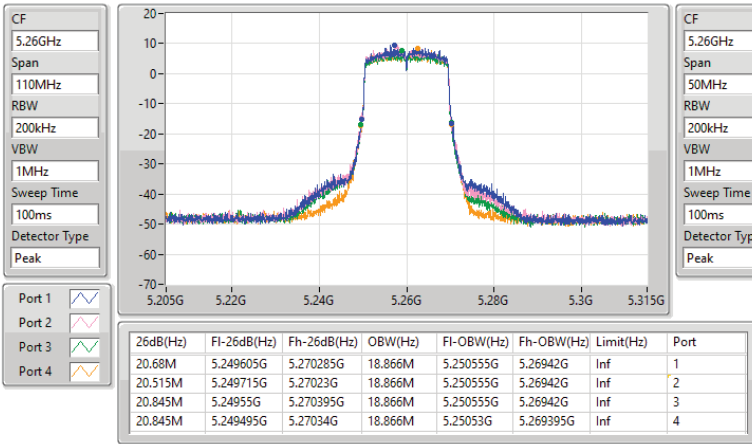


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5260MHz

18/04/2023

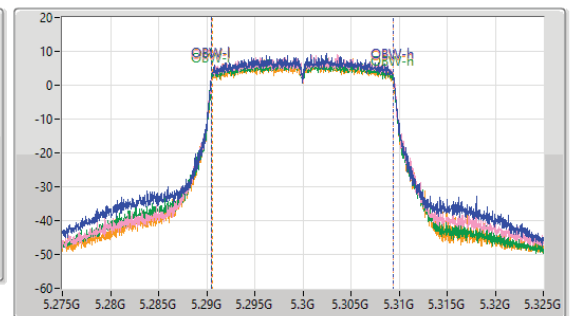
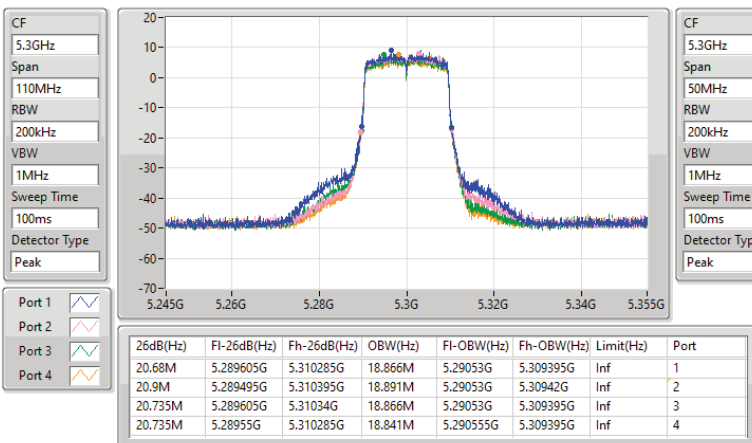


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5300MHz

18/04/2023

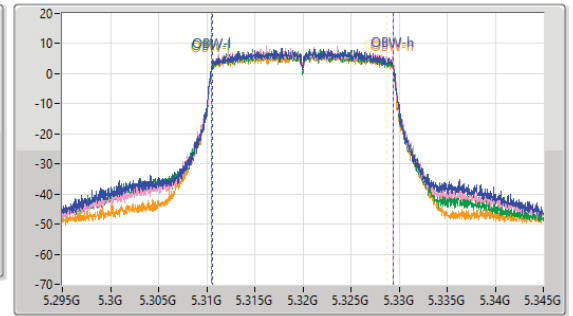
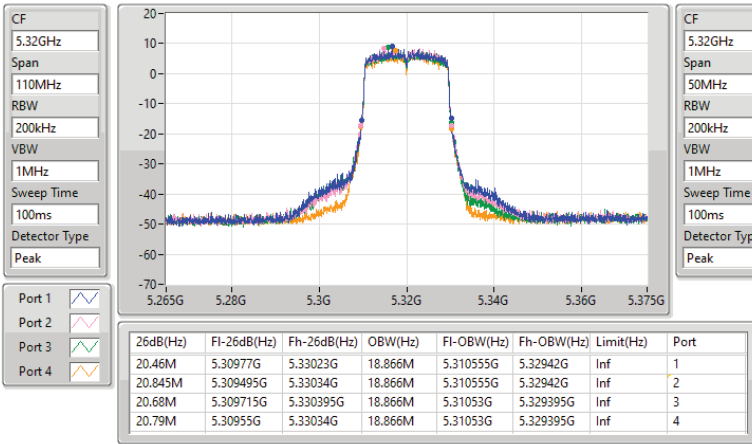


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

18/04/2023

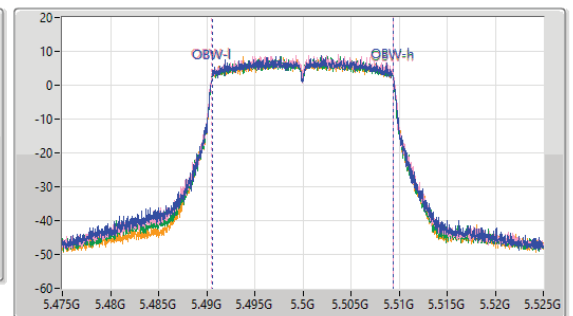
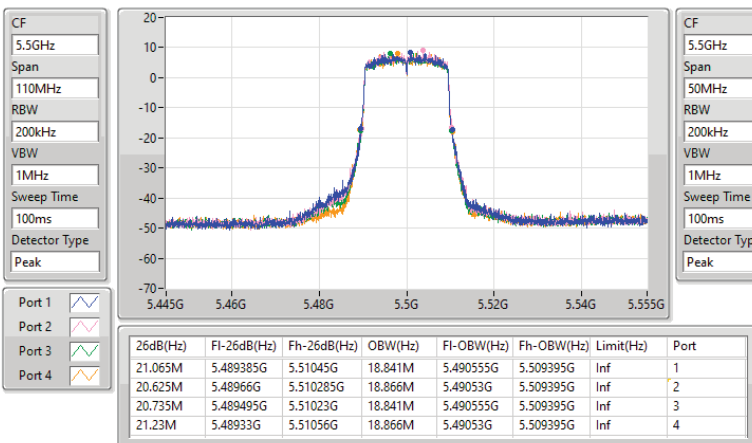


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5500MHz

18/04/2023

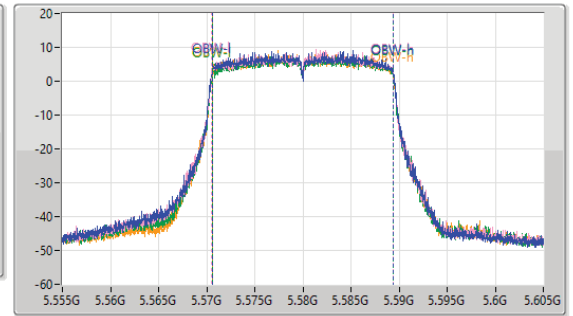
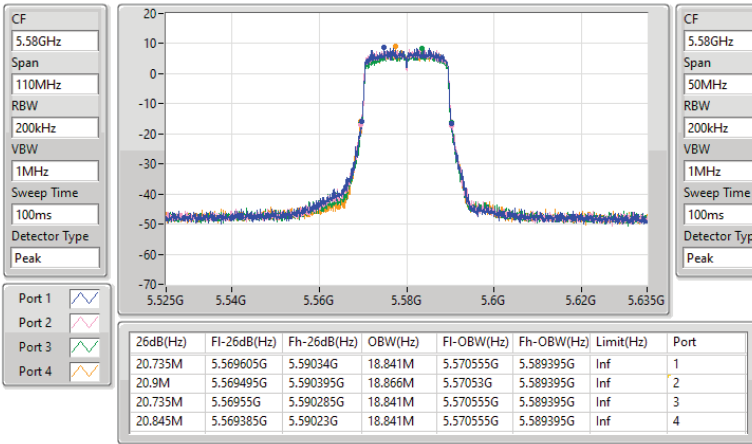


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5580MHz

18/04/2023

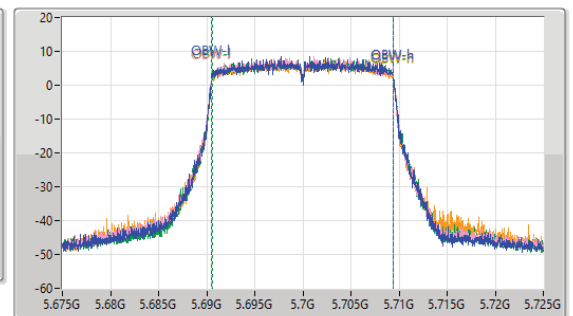
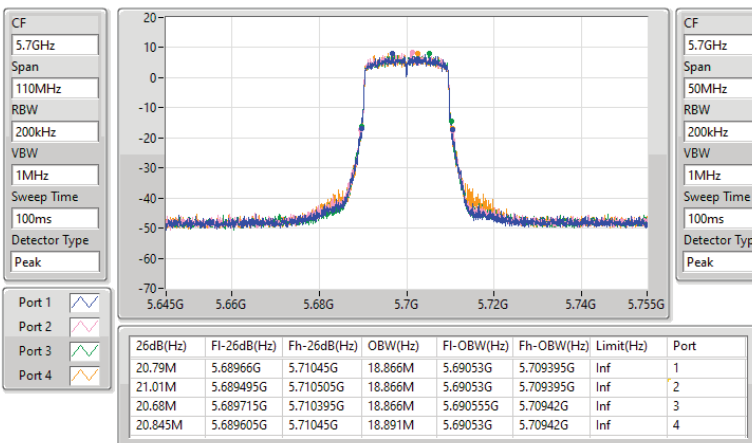


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5700MHz

18/04/2023



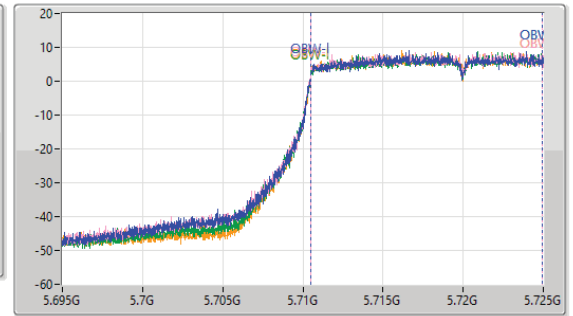
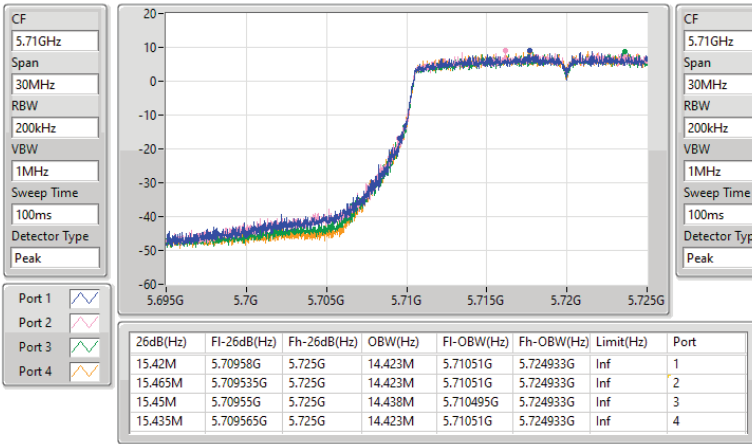


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

18/04/2023

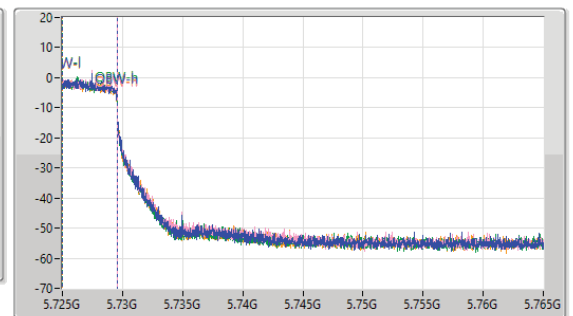
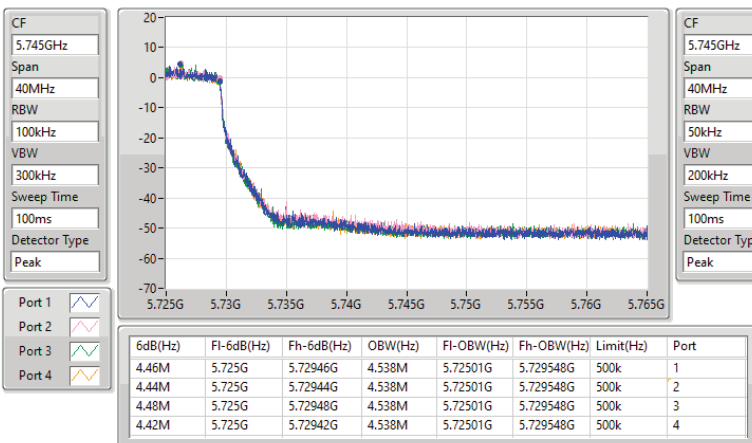


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/04/2023



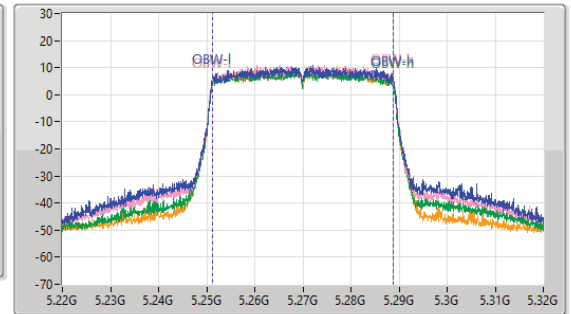
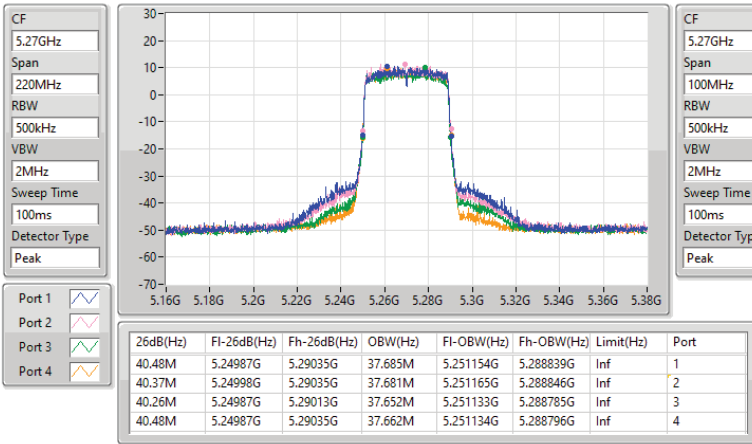


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5270MHz

10/02/2023

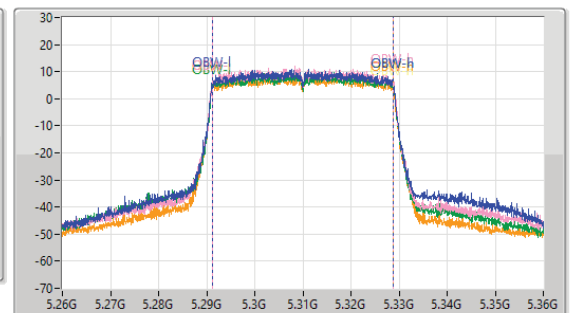
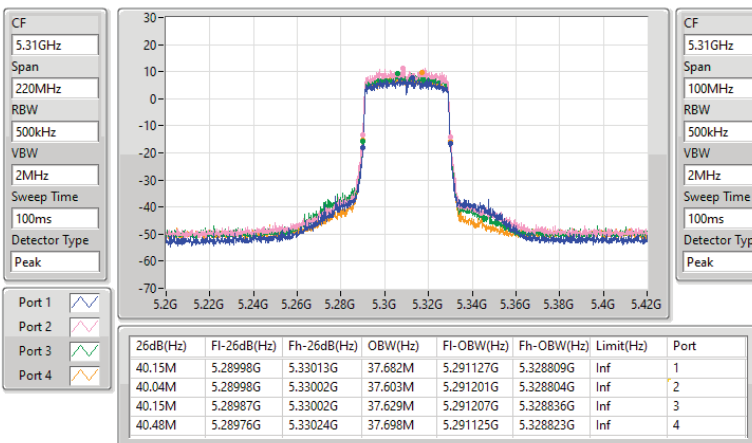


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5310MHz

10/02/2023



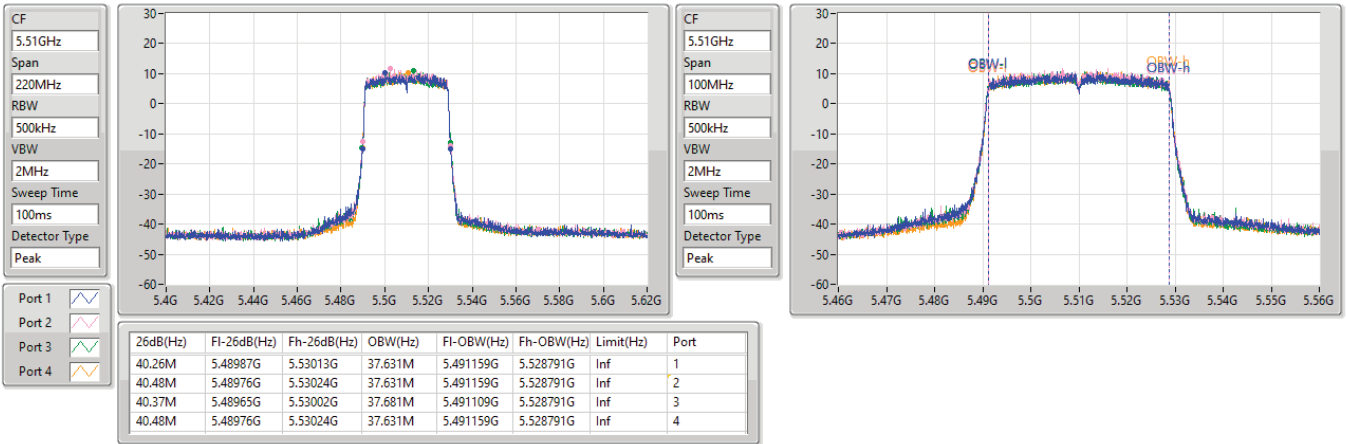


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5510MHz

18/04/2023

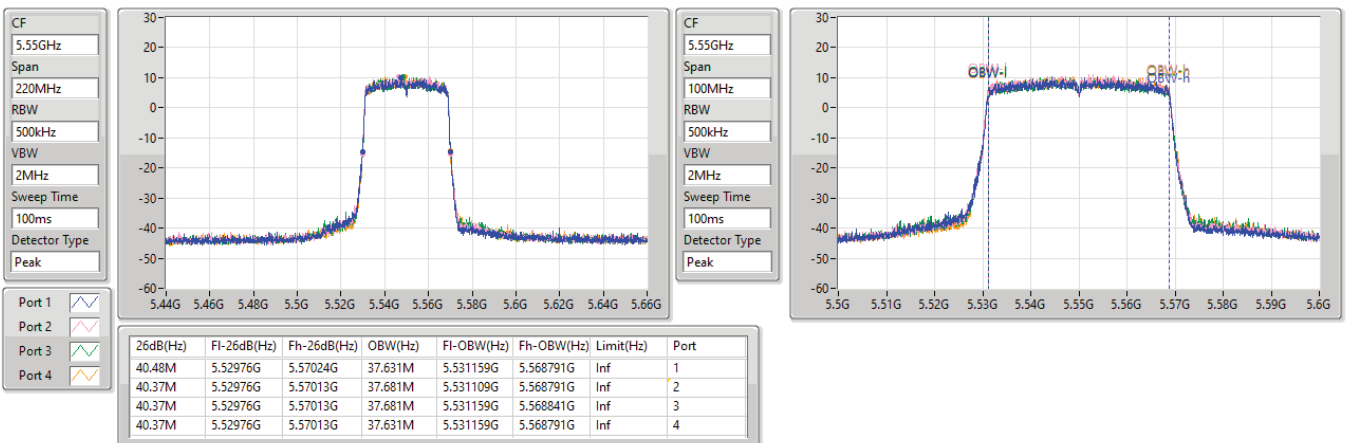


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5550MHz

18/04/2023



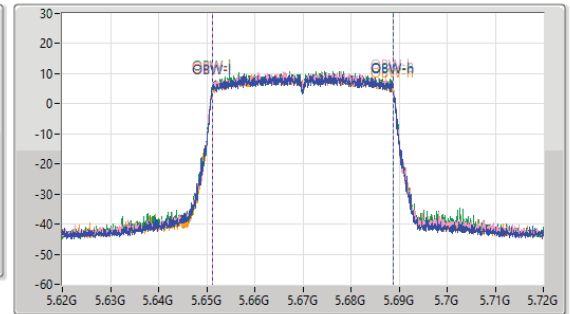
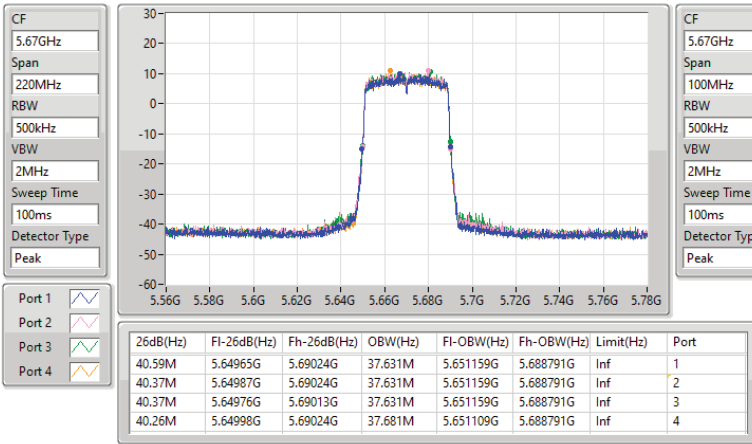


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5670MHz

18/04/2023

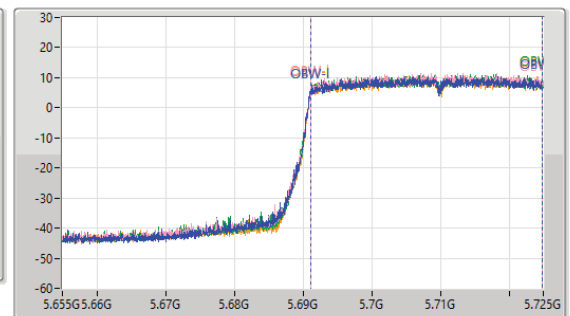
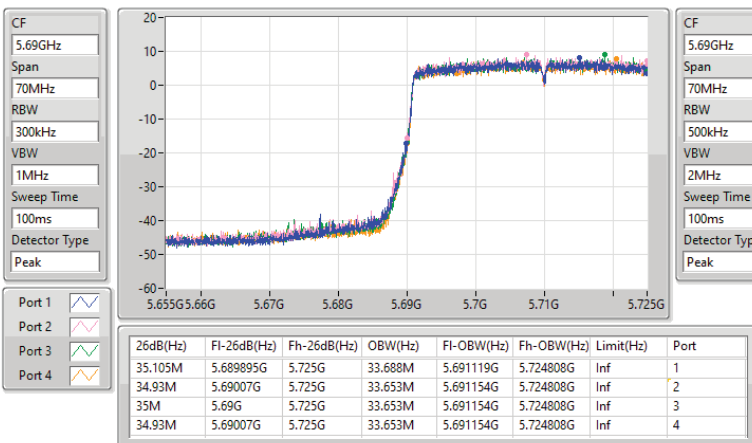


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

18/04/2023



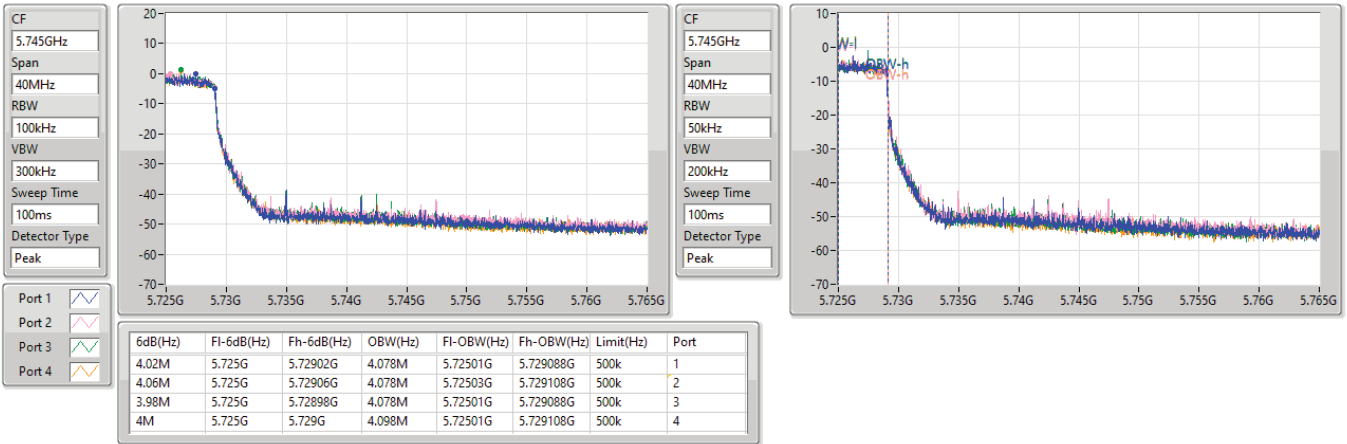


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

18/04/2023

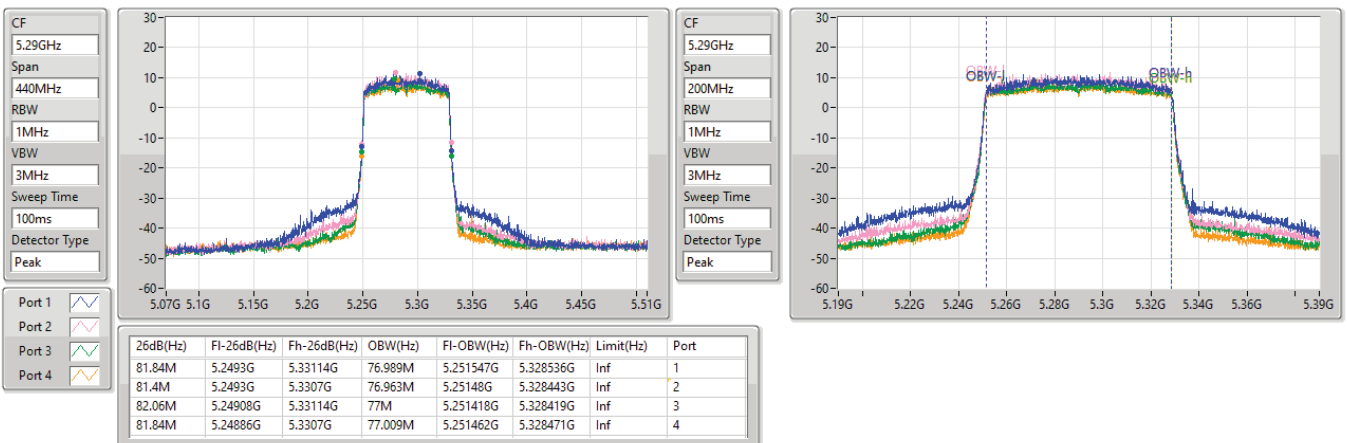


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5290MHz

10/02/2023

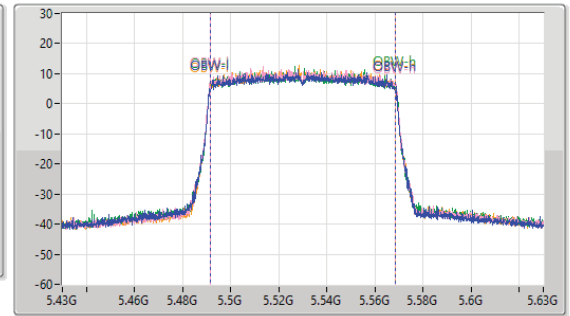
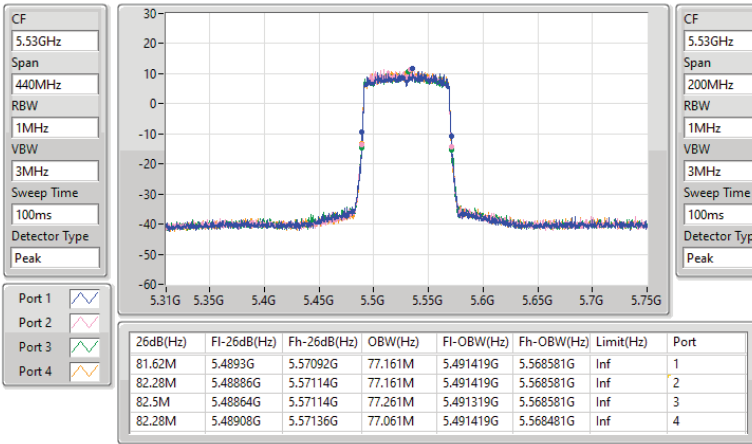


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5530MHz

18/04/2023

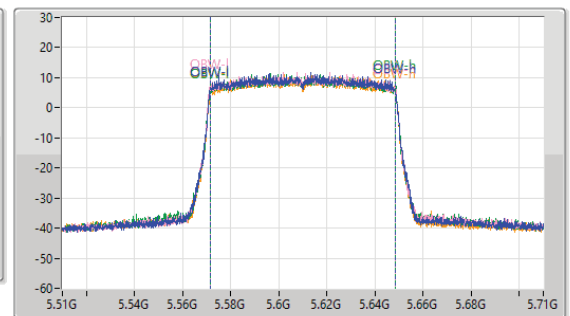
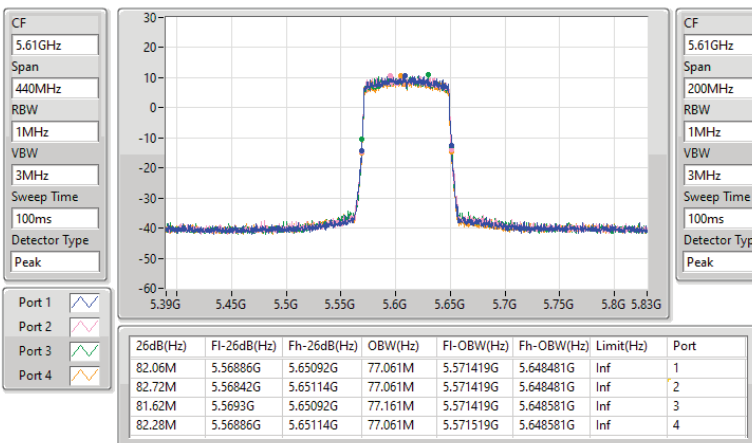


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5610MHz

18/04/2023

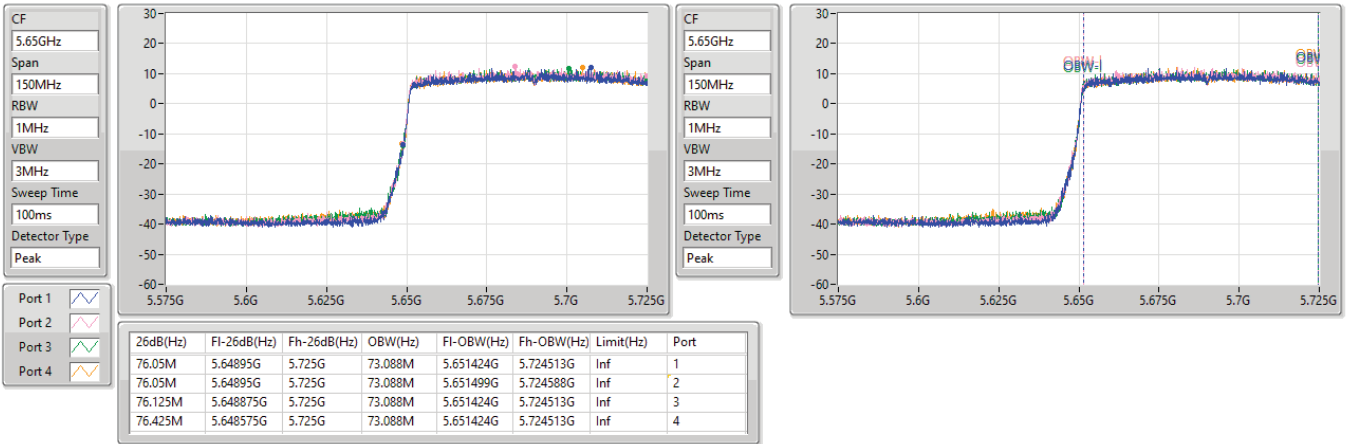


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

18/04/2023

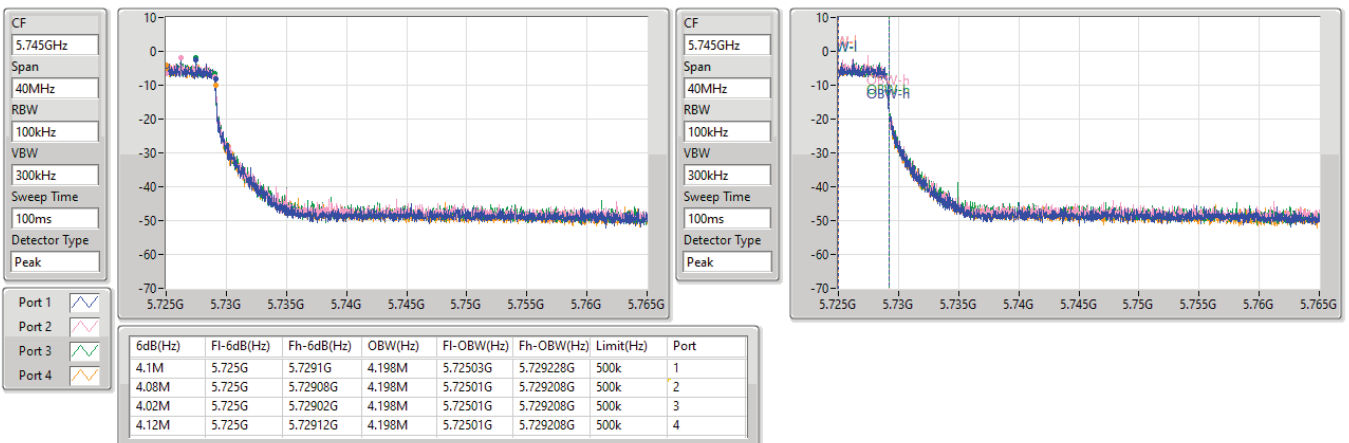


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

18/04/2023

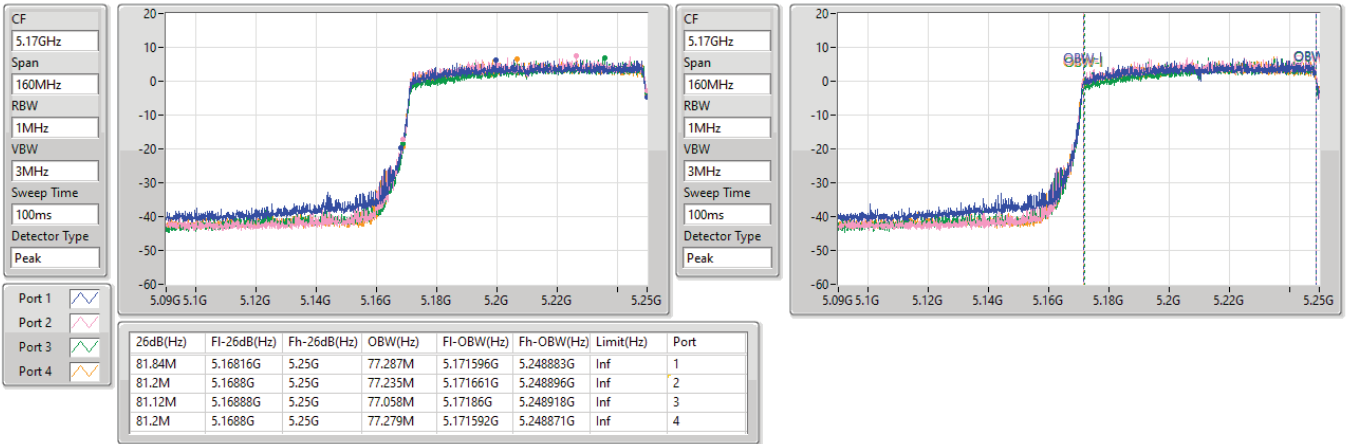


5.15-5.25GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

10/02/2023

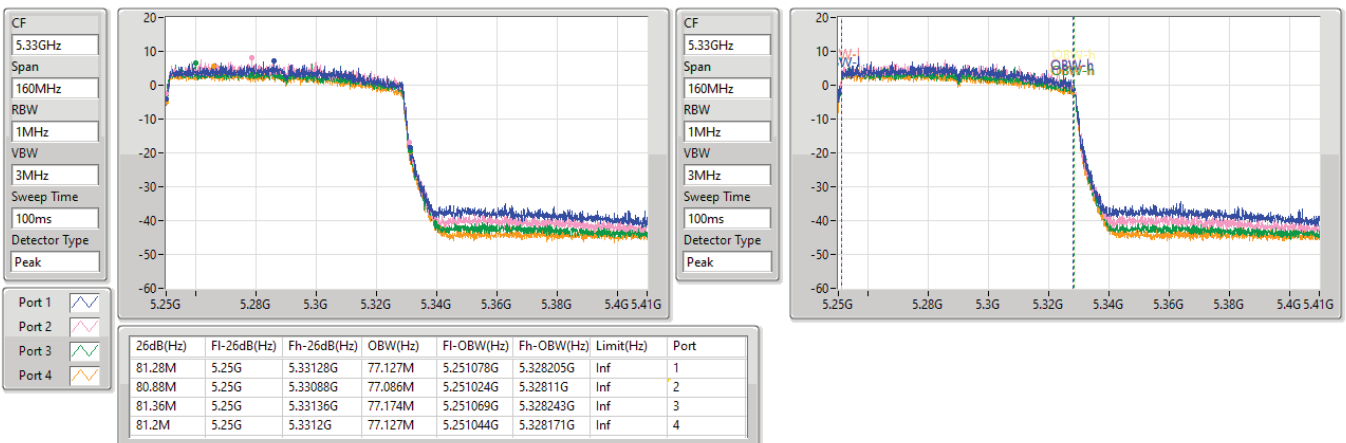


5.25-5.35GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

10/02/2023

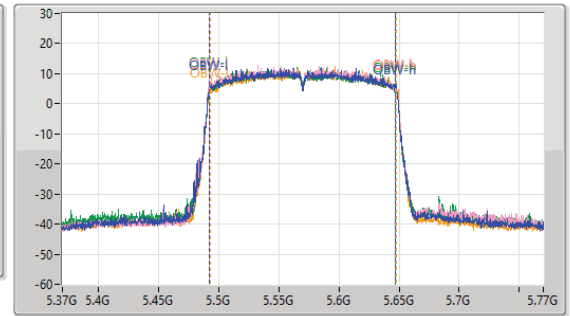
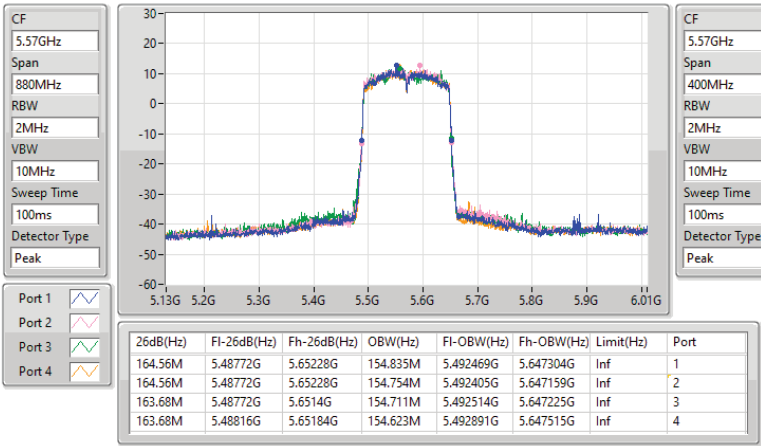


5.47-5.725GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

EBW

5570MHz

10/02/2023



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.76M	77.277M	77M3D1D	80.16M	76.925M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.945M	19.04M	19M0D1D	20.24M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.45M	38.031M	38M0D1D	41.47M	37.831M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	88.22M	77.861M	77M9D1D	82.5M	77.561M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.68M	77.485M	77M5D1D	80.88M	76.855M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.945M	19.015M	19M0D1D	15.315M	14.468M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.89M	37.981M	38M0D1D	35.98M	33.758M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	88.44M	77.661M	77M7D1D	75.9M	73.088M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	170.28M	157.321M	157MD1D	162.8M	156.322M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.52M	4.538M	4M54D1D	4.48M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.08M	4.198M	4M20D1D	4.04M	4.078M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.08M	4.638M	4M64D1D	4M	4.398M

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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.24M	19.015M	21.89M	19.015M	21.395M	19.015M	21.78M	18.991M
5300MHz	Pass	Inf	21.725M	19.04M	21.945M	18.991M	21.56M	19.015M	21.56M	19.015M
5320MHz	Pass	Inf	21.725M	18.991M	21.505M	18.966M	21.67M	18.991M	21.395M	18.991M
5500MHz	Pass	Inf	20.405M	18.991M	21.615M	18.991M	21.45M	18.991M	21.505M	18.991M
5580MHz	Pass	Inf	20.9M	18.966M	21.67M	19.015M	21.945M	18.991M	21.395M	18.991M
5700MHz	Pass	Inf	21.395M	18.991M	21.505M	18.991M	21.56M	19.015M	21.505M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.315M	14.468M	15.9M	14.513M	16.095M	14.483M	15.87M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.538M	4.52M	4.518M	4.5M	4.538M	4.48M	4.538M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.47M	37.831M	43.23M	37.881M	43.12M	37.981M	43.12M	38.031M
5310MHz	Pass	Inf	42.79M	37.931M	42.68M	37.931M	43.45M	37.931M	42.57M	37.931M
5510MHz	Pass	Inf	41.8M	37.931M	42.46M	37.931M	42.9M	37.931M	43.67M	37.931M
5550MHz	Pass	Inf	41.36M	37.931M	43.56M	37.931M	42.68M	37.881M	42.02M	37.931M
5670MHz	Pass	Inf	42.68M	37.831M	42.46M	37.881M	42.79M	37.981M	43.89M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	38.955M	33.863M	36.19M	33.758M	36.155M	33.863M	35.98M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.158M	4.08M	4.198M	4.06M	4.178M	4.04M	4.078M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.94M	77.561M	88.22M	77.561M	83.6M	77.661M	82.5M	77.861M
5530MHz	Pass	Inf	87.12M	77.561M	84.26M	77.561M	82.5M	77.461M	83.82M	77.561M
5610MHz	Pass	Inf	82.5M	77.461M	88.44M	77.561M	87.56M	77.661M	81.84M	77.561M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	86.175M	73.538M	75.9M	73.088M	80.175M	73.613M	79.575M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.638M	4.08M	4.418M	4M	4.458M	4.08M	4.398M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.16M	77.277M	81.76M	77.086M	81.6M	76.925M	81.52M	77.273M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.88M	76.89M	81.68M	77.225M	81.44M	76.855M	81.52M	77.485M
5570MHz	Pass	Inf	163.68M	157.321M	170.28M	157.321M	169.4M	156.322M	162.8M	156.922M

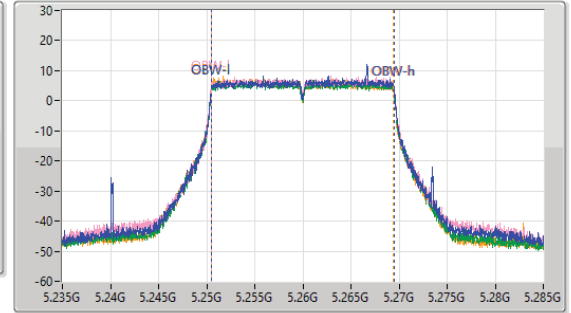
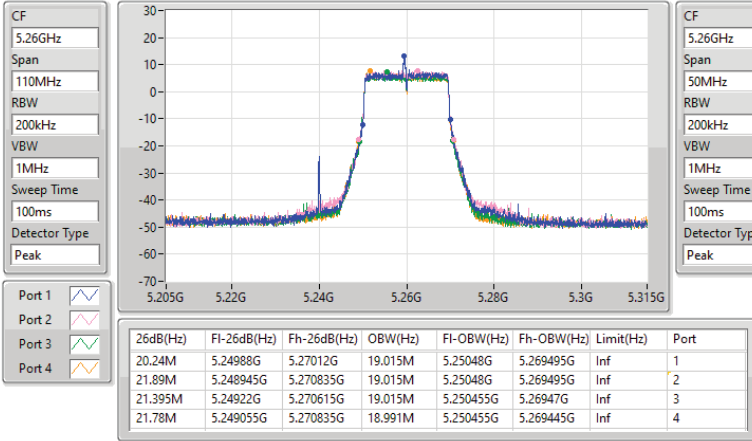
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

17/04/2023

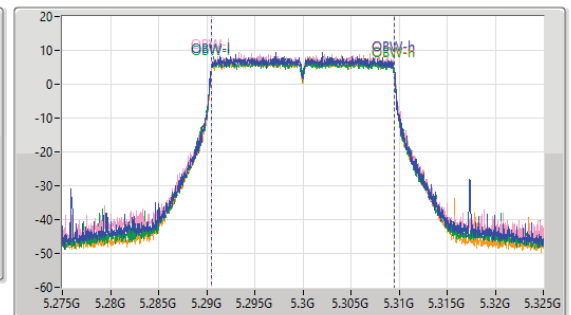
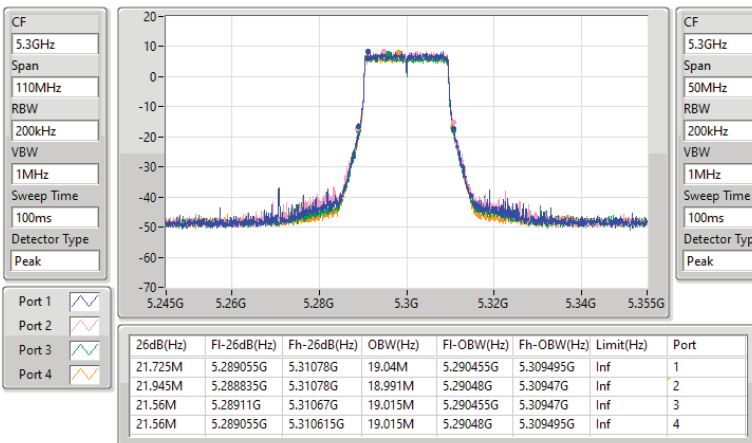


5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

5300MHz

17/04/2023

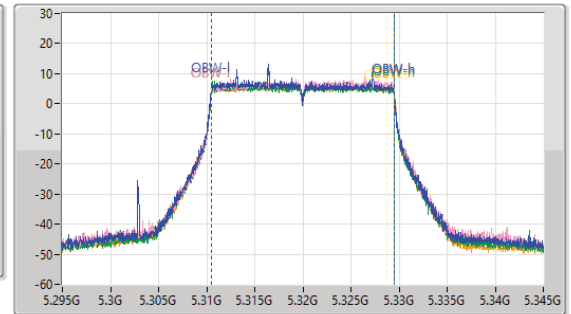
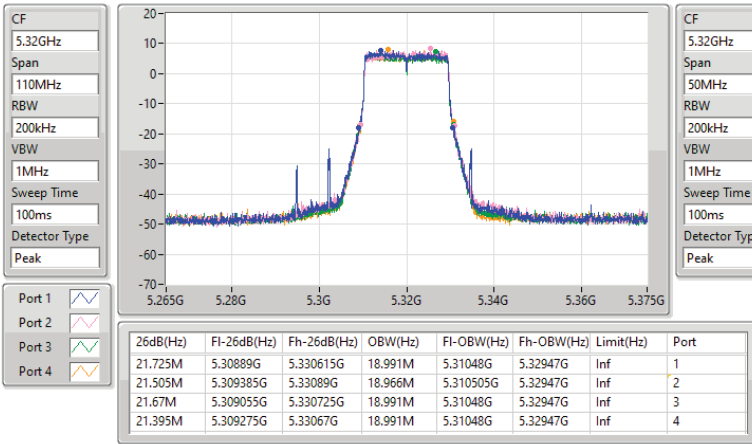


5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5320MHz

17/04/2023

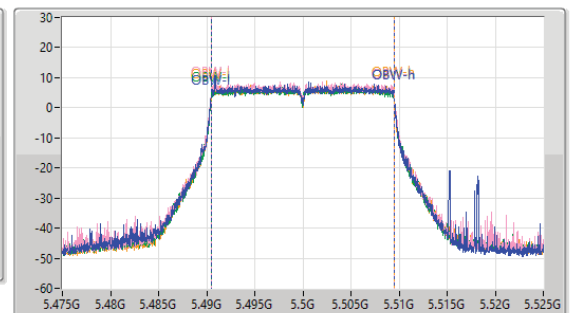
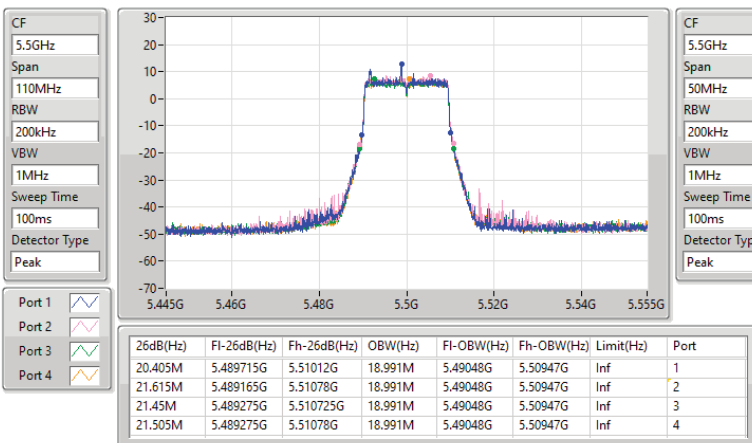


5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5500MHz

17/04/2023

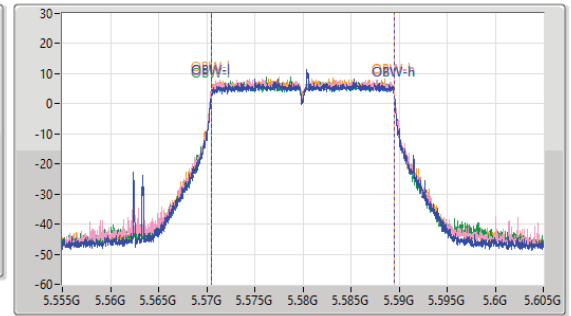
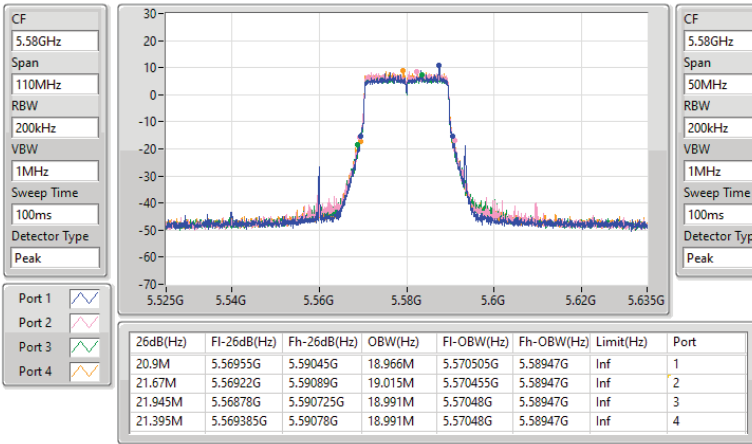


5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5580MHz

17/04/2023

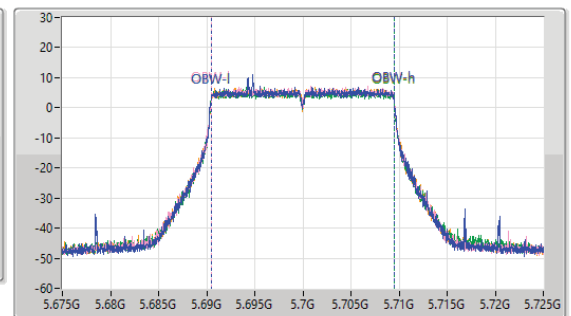
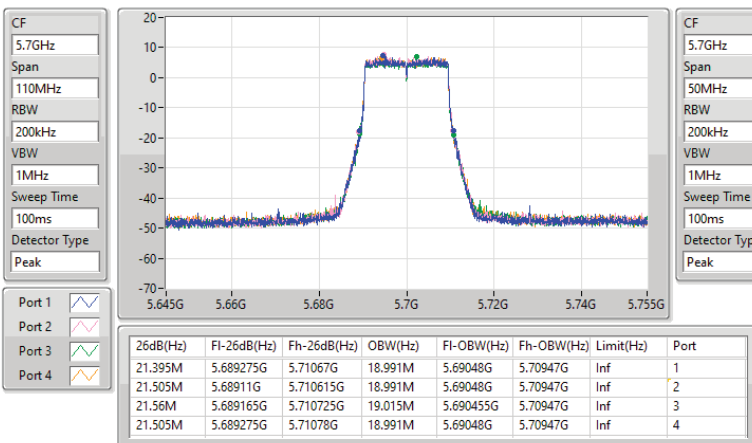


5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5700MHz

17/04/2023

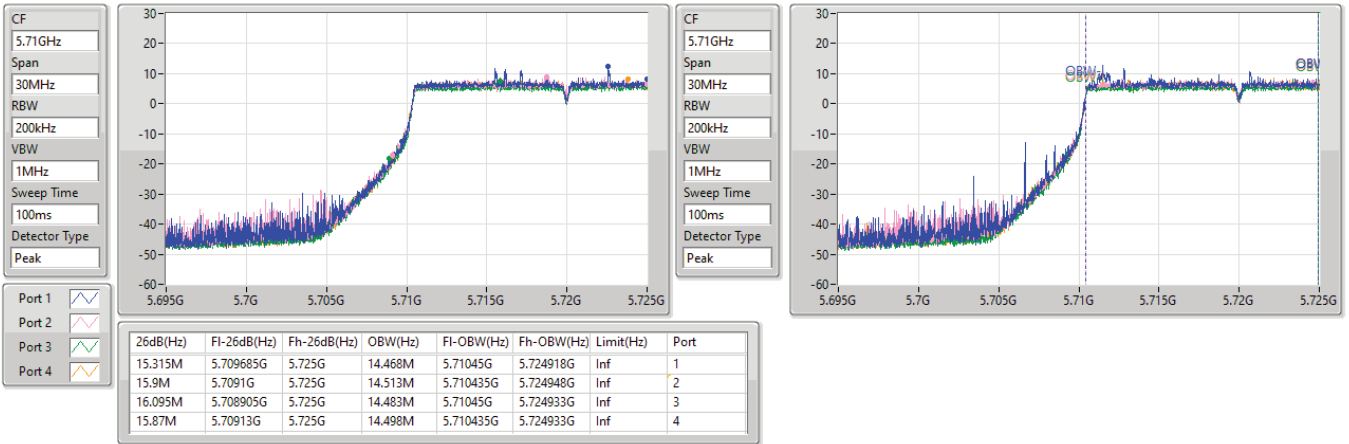


5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

17/04/2023

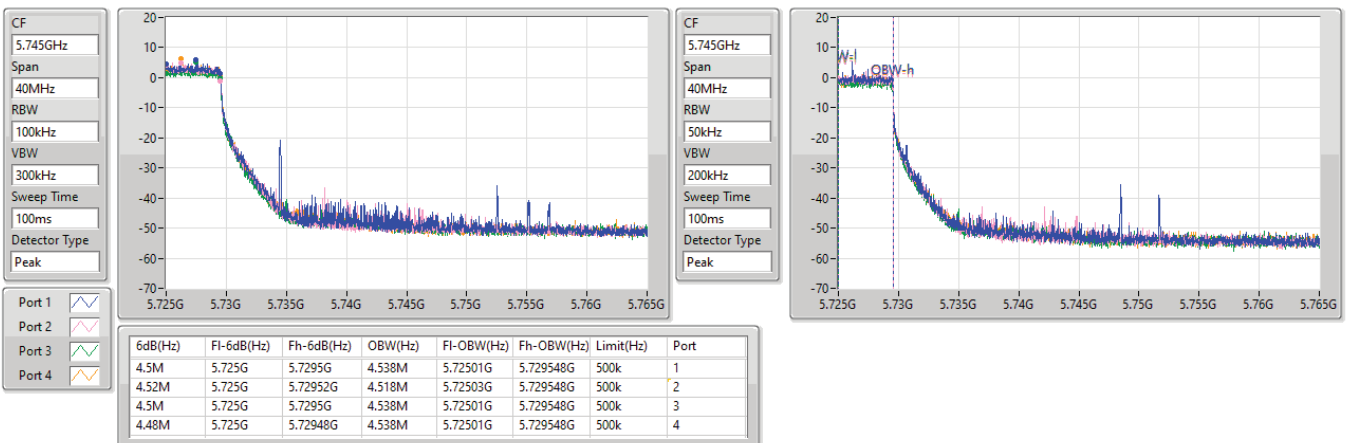


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/04/2023

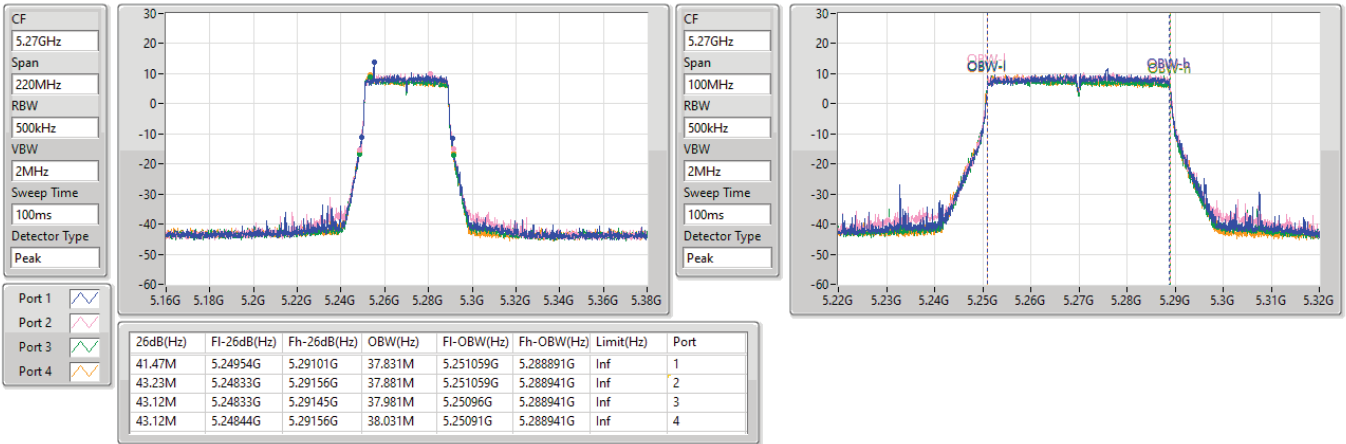


5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5270MHz

17/04/2023

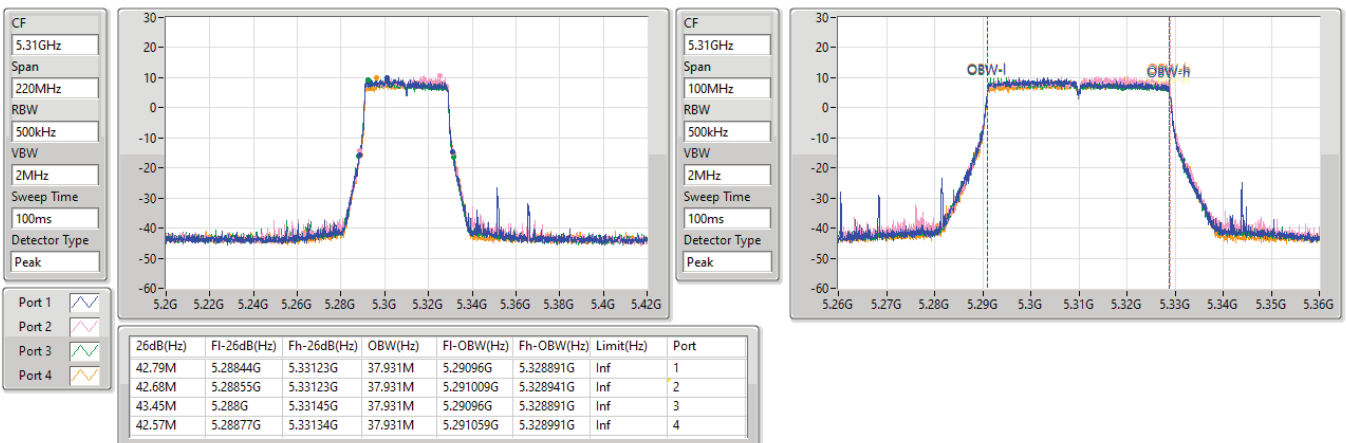


5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

17/04/2023

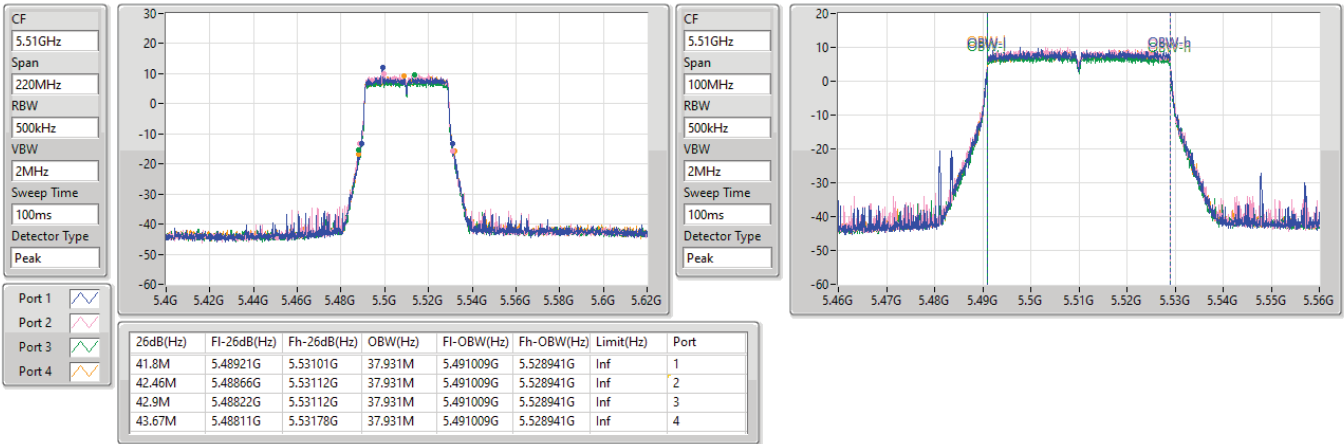


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

17/04/2023

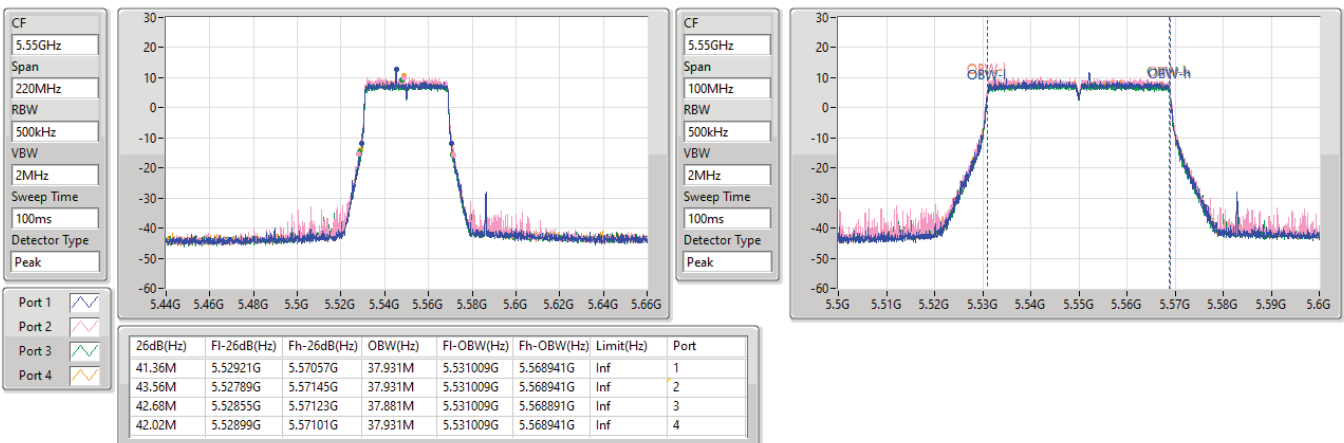


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5550MHz

17/04/2023

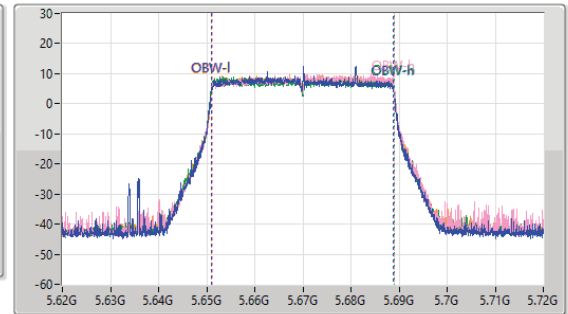
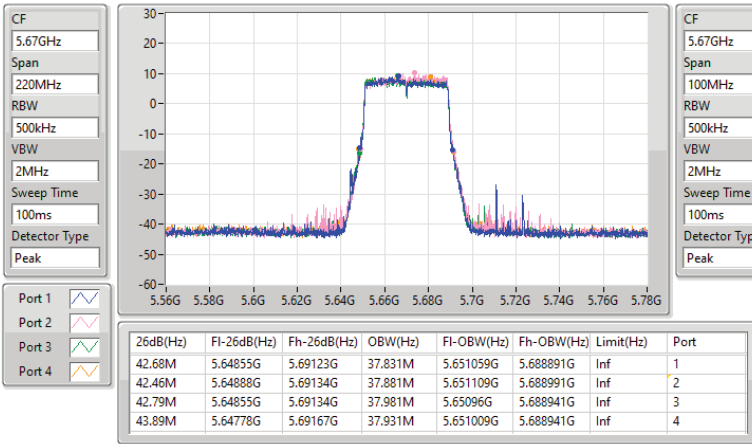


5.47-5.725GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5670MHz

17/04/2023

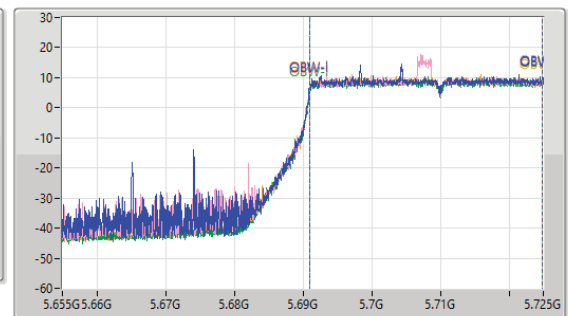
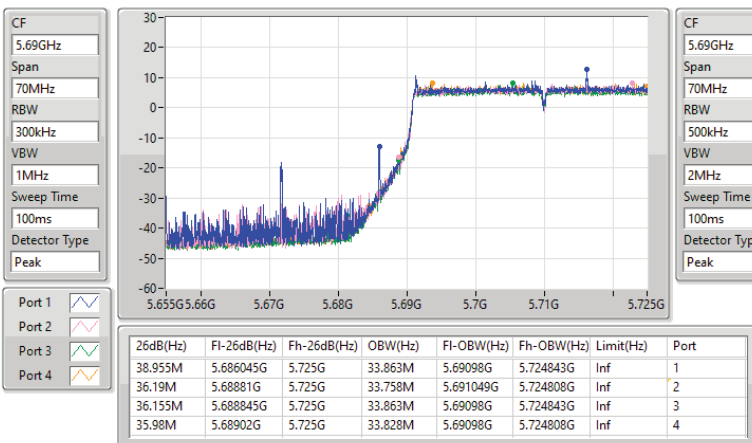


5.47-5.725GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

17/04/2023



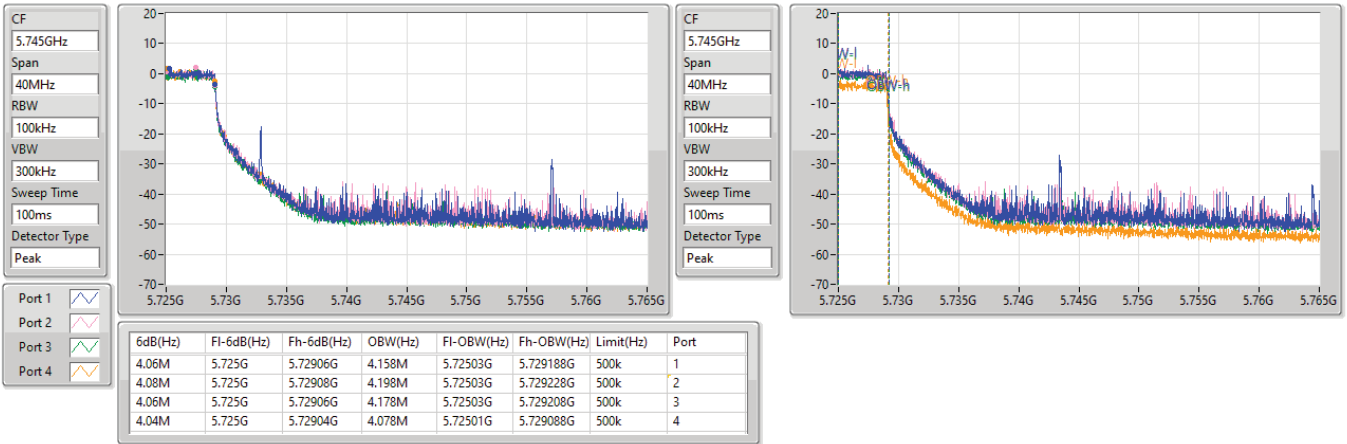


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

17/04/2023

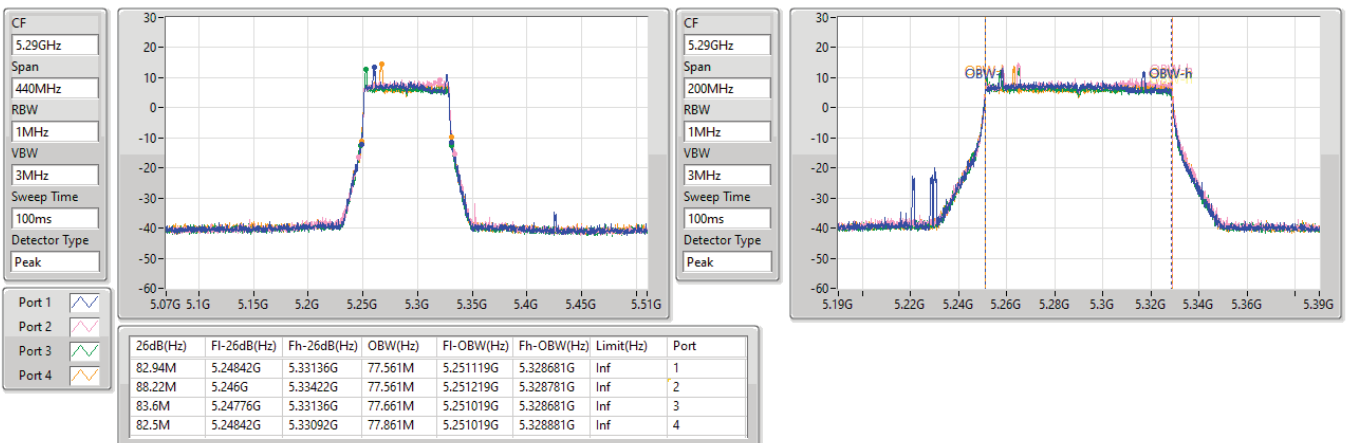


5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

17/04/2023

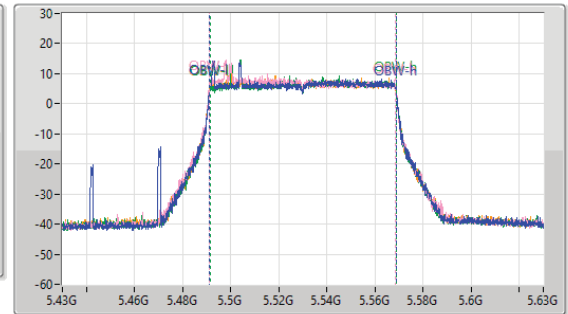
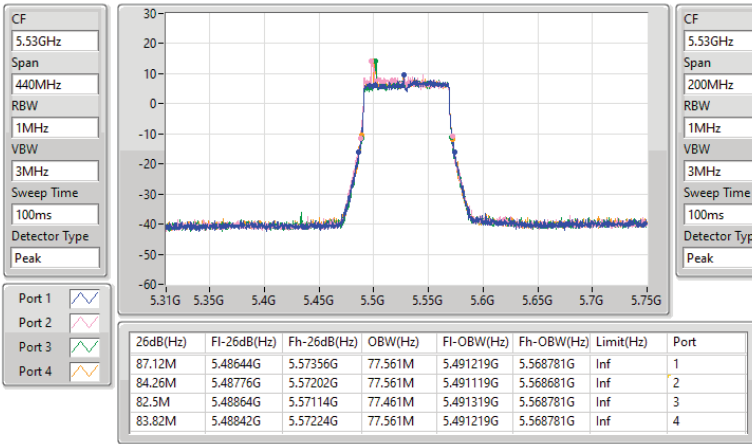


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5530MHz

18/04/2023

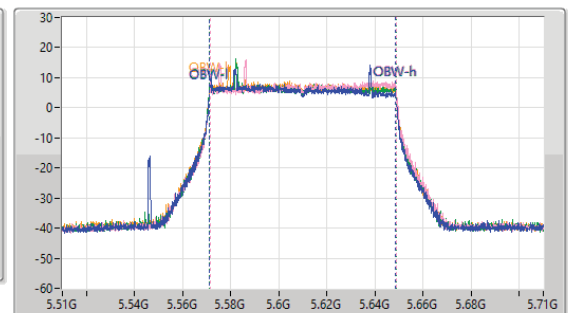
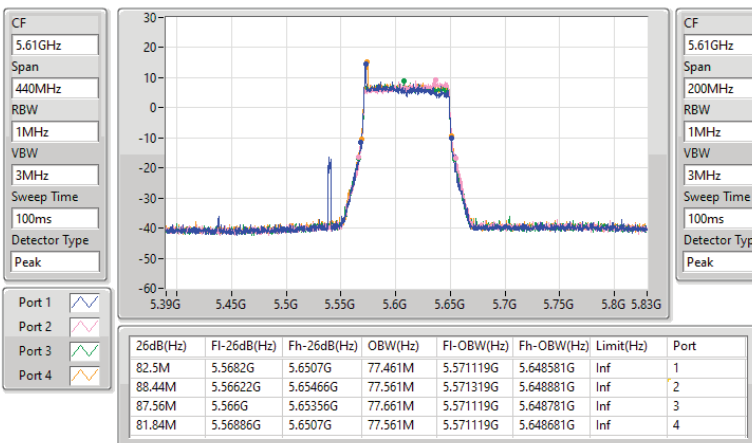


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5610MHz

18/04/2023

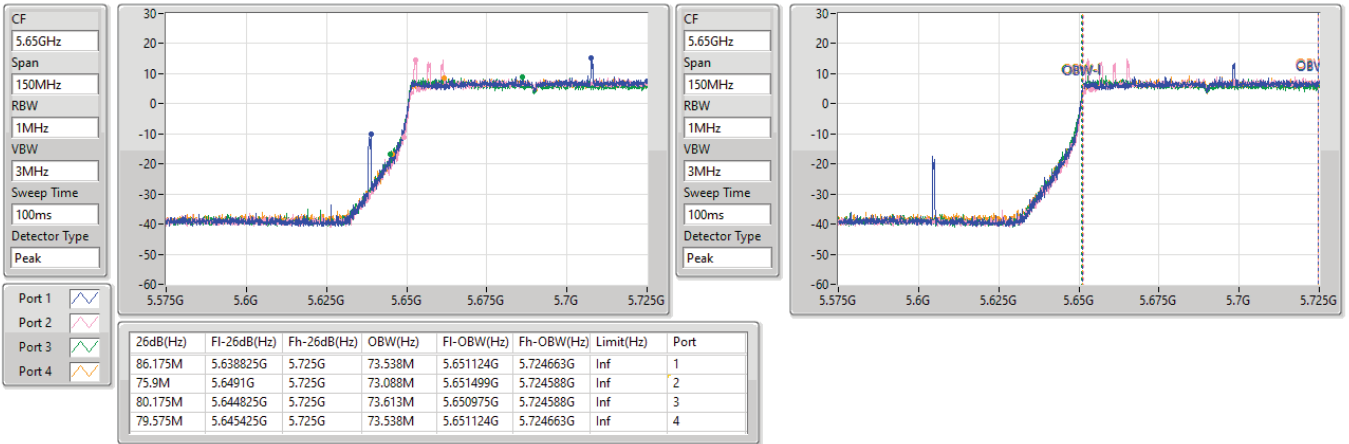


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

18/04/2023

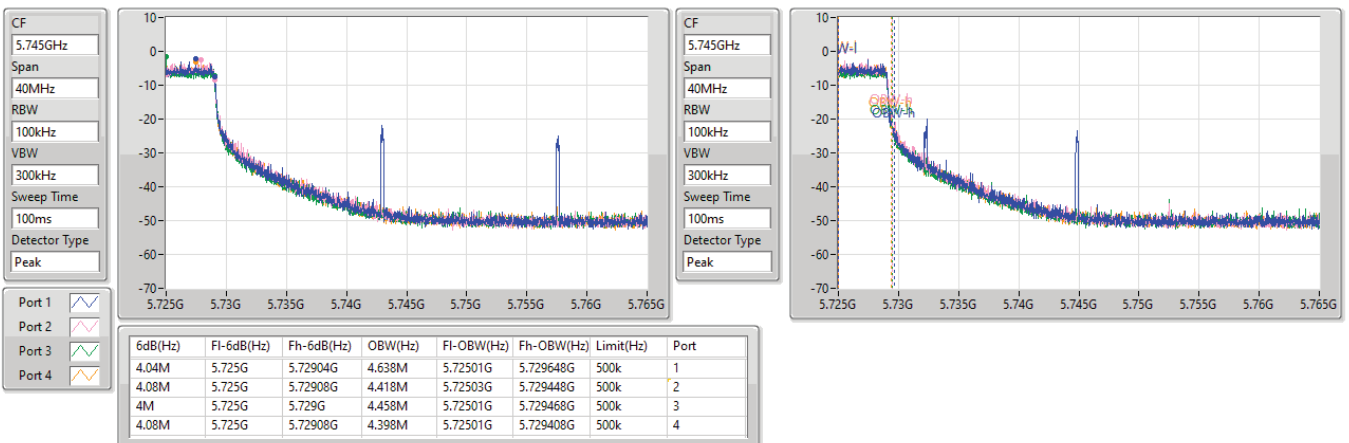


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

18/04/2023

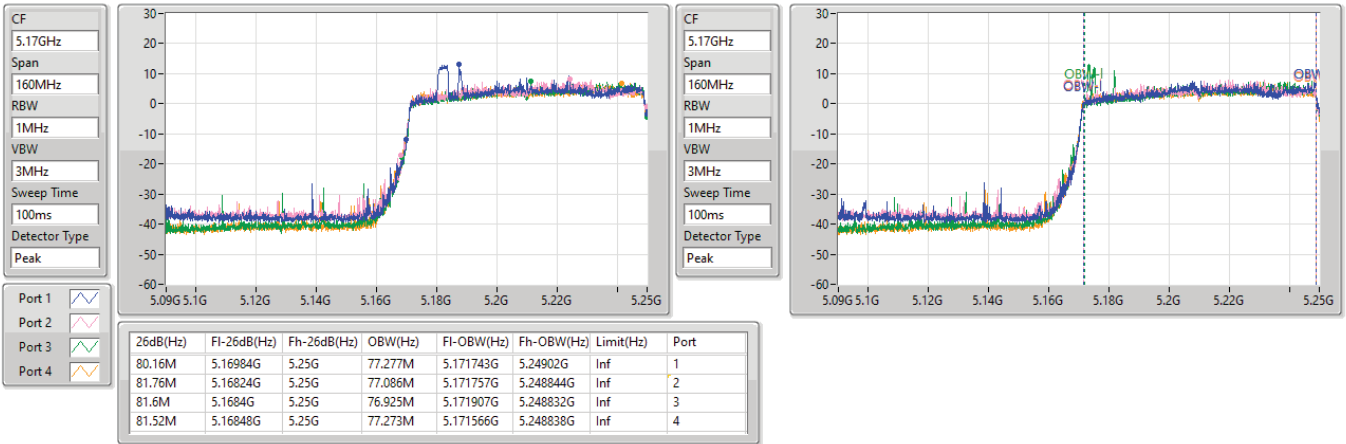


5.15-5.25GHz_802.11ax_HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

13/02/2023

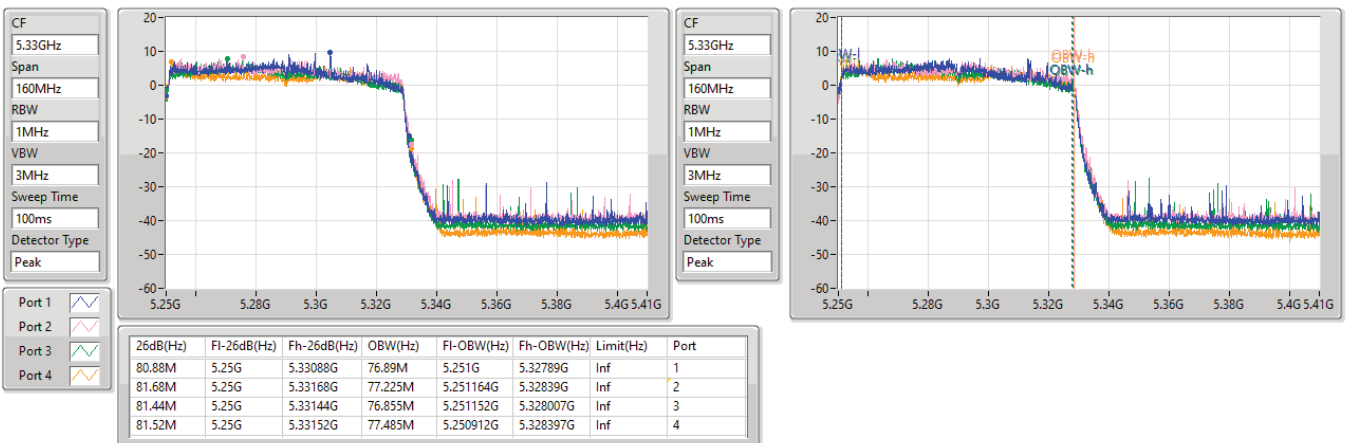


5.25-5.35GHz_802.11ax_HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

13/02/2023



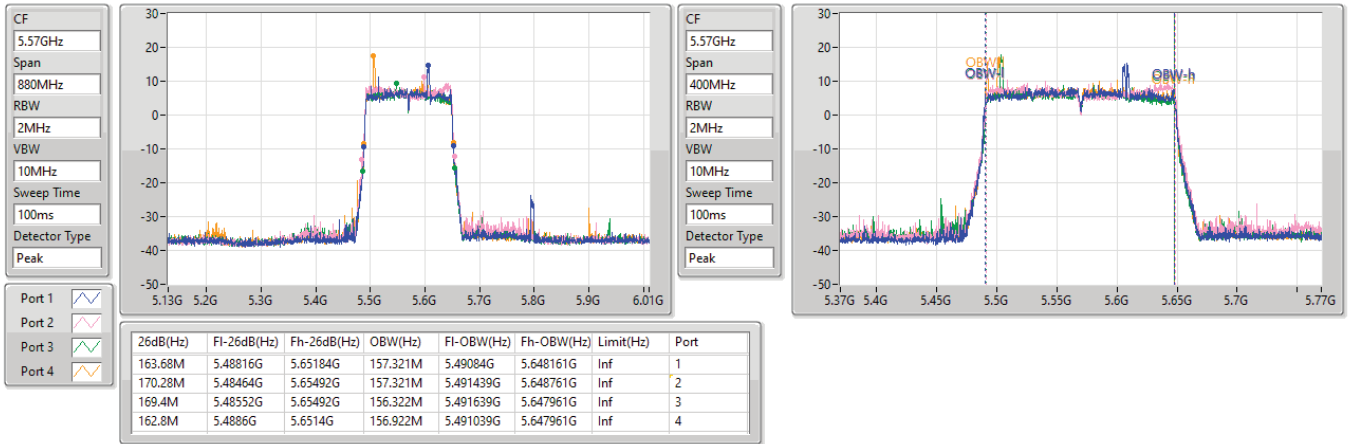


5.47-5.725GHz_802.11ax_HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz

18/04/2023



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	18.43	0.06966	22.65	0.18408
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.56	0.22699	27.82	0.60534
802.11ax HEW20_Nss1,(MCS0)_4TX	23.84	0.24210	28.10	0.64565
802.11ax HEW40_Nss1,(MCS0)_4TX	23.75	0.23714	28.01	0.63241
802.11ax HEW80_Nss1,(MCS0)_4TX	23.00	0.19953	27.26	0.53211
802.11ax HEW160_Nss1,(MCS0)_4TX	18.28	0.06730	22.54	0.17947
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.67	0.23281	27.85	0.60954
802.11ax HEW20_Nss1,(MCS0)_4TX	23.71	0.23496	27.89	0.61518
802.11ax HEW40_Nss1,(MCS0)_4TX	23.88	0.24434	28.06	0.63973
802.11ax HEW80_Nss1,(MCS0)_4TX	23.89	0.24491	28.07	0.64121
802.11ax HEW160_Nss1,(MCS0)_4TX	23.95	0.24831	28.13	0.65013
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.53	0.03573	19.81	0.09572
802.11ax HEW20_Nss1,(MCS0)_4TX	16.91	0.04909	21.19	0.13152
802.11ax HEW40_Nss1,(MCS0)_4TX	13.15	0.02065	17.43	0.05534
802.11ax HEW80_Nss1,(MCS0)_4TX	9.80	0.00955	14.08	0.02559



Average Power_Non-Beamforming

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.26	17.66	17.71	16.59	16.95	23.27	23.77	27.53	29.77
5300MHz	Pass	4.26	18.11	17.97	16.97	16.64	23.49	23.73	27.75	29.73
5320MHz	Pass	4.26	17.73	18.17	17.31	16.83	23.56	23.69	27.82	29.69
5500MHz	Pass	4.18	17.70	18.17	17.33	17.36	23.67	23.72	27.85	29.72
5580MHz	Pass	4.18	17.71	17.94	16.98	17.16	23.49	23.69	27.67	29.69
5700MHz	Pass	4.18	17.22	17.78	17.30	17.12	23.38	23.71	27.56	29.71
5720MHz Straddle 5.47-5.725GHz	Pass	4.18	15.92	16.44	15.90	15.80	22.04	22.50	26.22	28.50
5720MHz Straddle 5.725-5.85GHz	Pass	4.28	9.45	9.95	9.20	9.42	15.53	30.00	19.81	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.26	18.38	18.18	17.31	17.29	23.84	23.98	28.10	30.00
5300MHz	Pass	4.26	18.29	18.01	17.15	16.72	23.61	23.98	27.87	30.00
5320MHz	Pass	4.26	17.95	18.23	17.44	17.06	23.71	23.98	27.97	30.00
5500MHz	Pass	4.18	17.78	18.08	17.46	17.39	23.71	23.98	27.89	30.00
5580MHz	Pass	4.18	17.81	17.87	17.13	17.29	23.56	23.98	27.74	30.00
5700MHz	Pass	4.18	17.36	17.78	17.54	17.21	23.50	23.98	27.68	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.18	16.33	16.65	16.24	16.36	22.42	22.88	26.60	28.88
5720MHz Straddle 5.725-5.85GHz	Pass	4.28	10.91	11.07	10.92	10.64	16.91	30.00	21.19	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	4.26	18.18	18.18	17.25	17.21	23.75	23.98	28.01	30.00
5310MHz	Pass	4.26	18.21	17.96	17.28	16.88	23.64	23.98	27.90	30.00
5510MHz	Pass	4.18	17.68	18.38	17.59	17.74	23.88	23.98	28.06	30.00
5550MHz	Pass	4.18	17.27	17.81	17.27	17.46	23.48	23.98	27.66	30.00
5670MHz	Pass	4.18	17.35	17.95	17.94	17.51	23.72	23.98	27.90	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.18	17.34	17.76	17.56	17.21	23.49	23.98	27.67	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.28	7.04	7.43	7.12	6.89	13.15	30.00	17.43	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.26	17.21	17.34	16.89	16.42	23.00	23.98	27.26	30.00
5530MHz	Pass	4.18	17.62	18.16	17.65	18.03	23.89	23.98	28.07	30.00
5610MHz	Pass	4.18	18.04	17.87	17.71	17.25	23.75	23.98	27.93	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.18	17.52	17.97	17.86	17.43	23.72	23.98	27.90	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.28	3.59	4.00	3.87	3.65	9.80	30.00	14.08	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.22	12.44	12.91	11.97	12.25	18.43	30.00	22.65	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.26	12.77	12.91	11.87	11.31	18.28	23.98	22.54	30.00
5570MHz	Pass	4.18	17.85	18.31	17.86	17.66	23.95	23.98	28.13	30.00

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

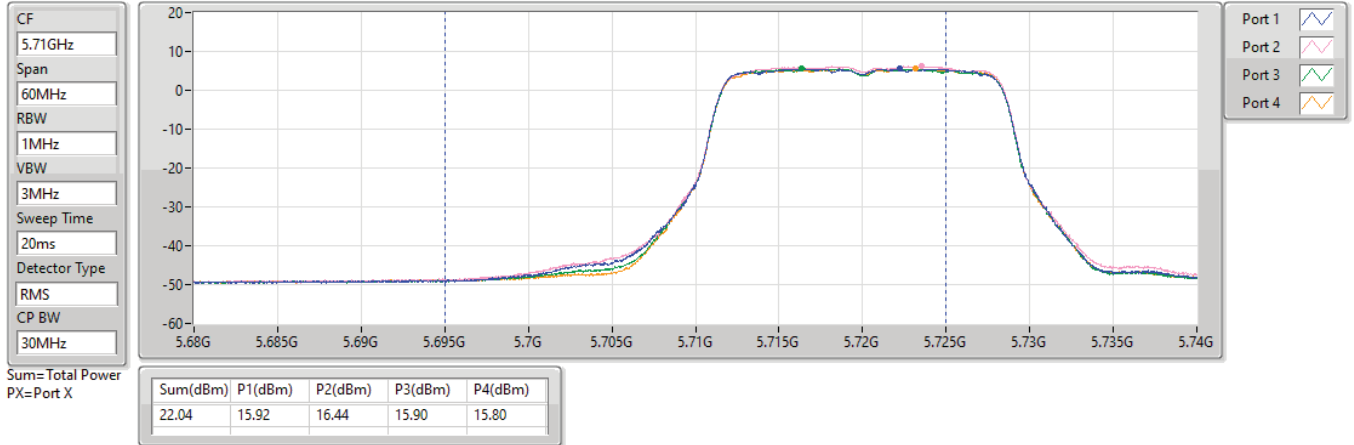


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

18/04/2023

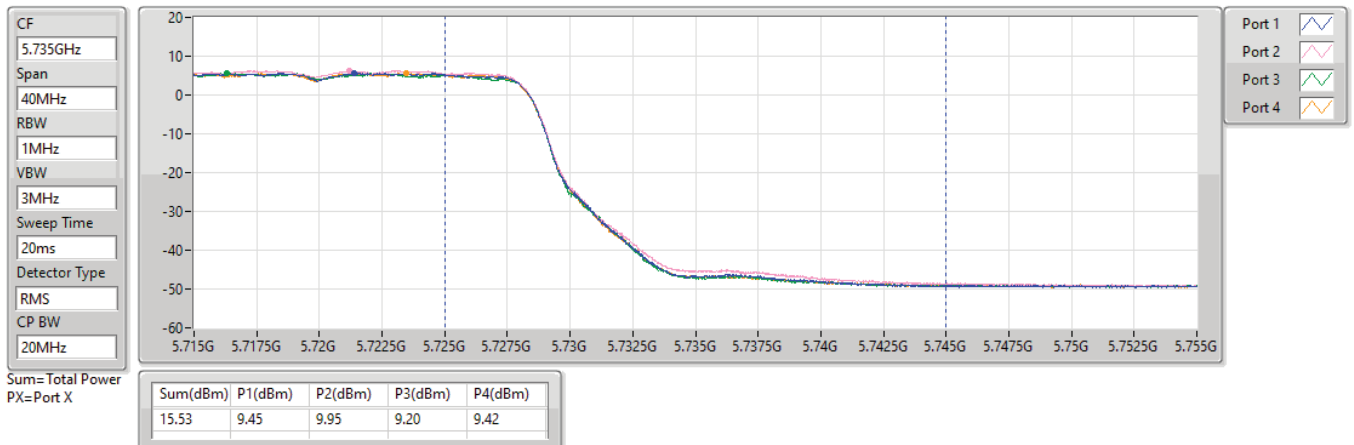


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

18/04/2023

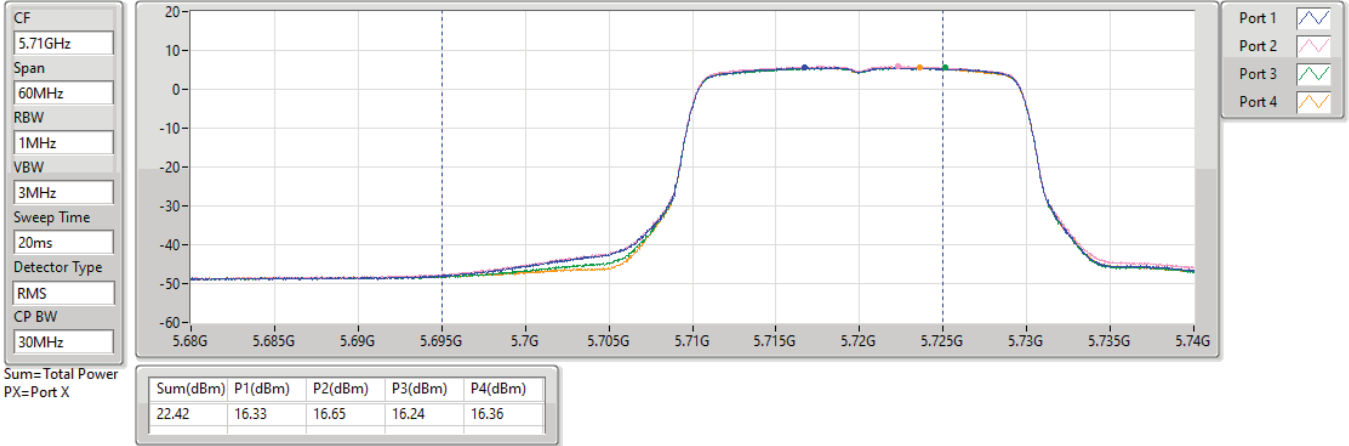


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

18/04/2023

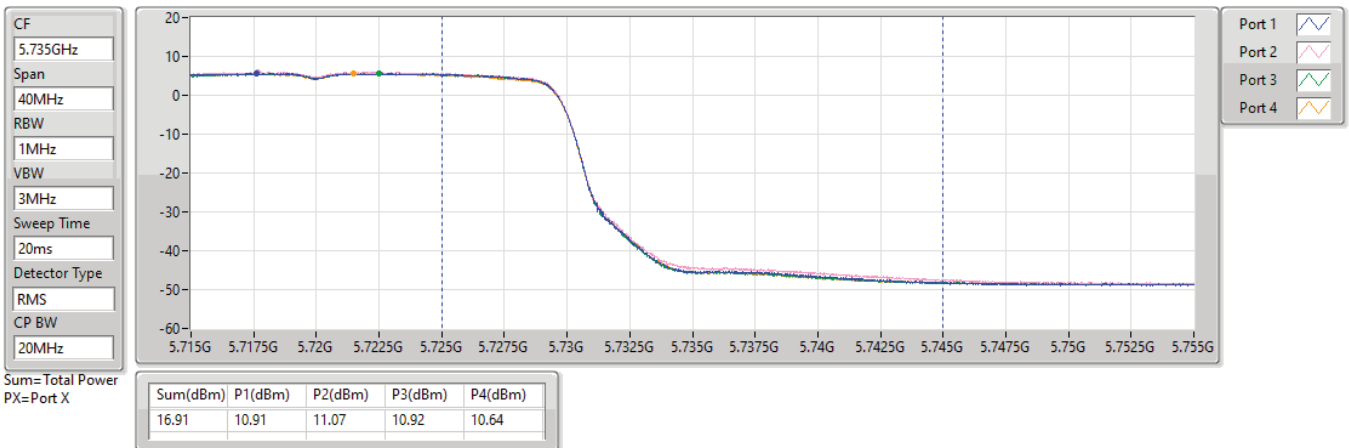


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

18/04/2023

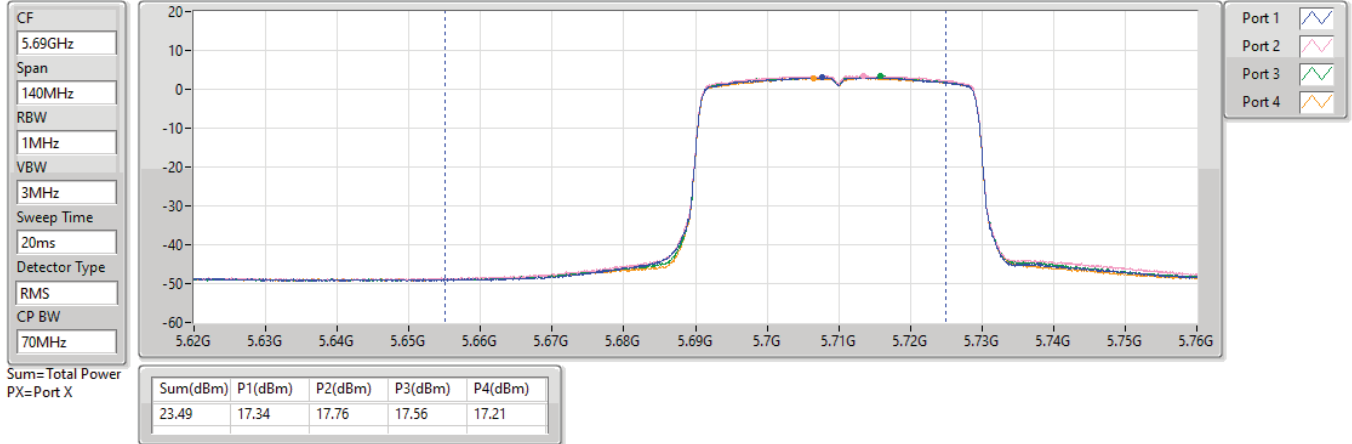


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

18/04/2023

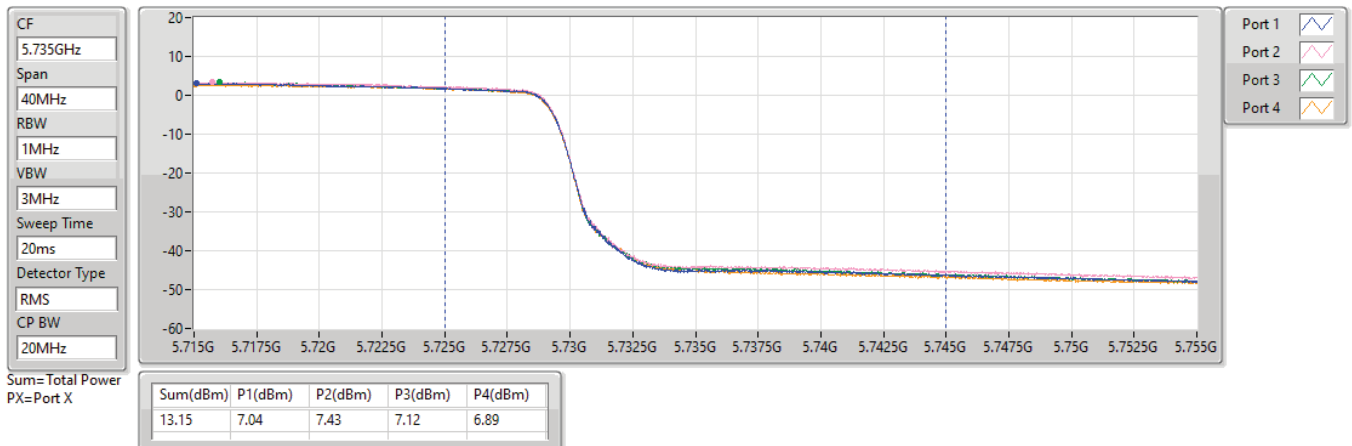


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

18/04/2023

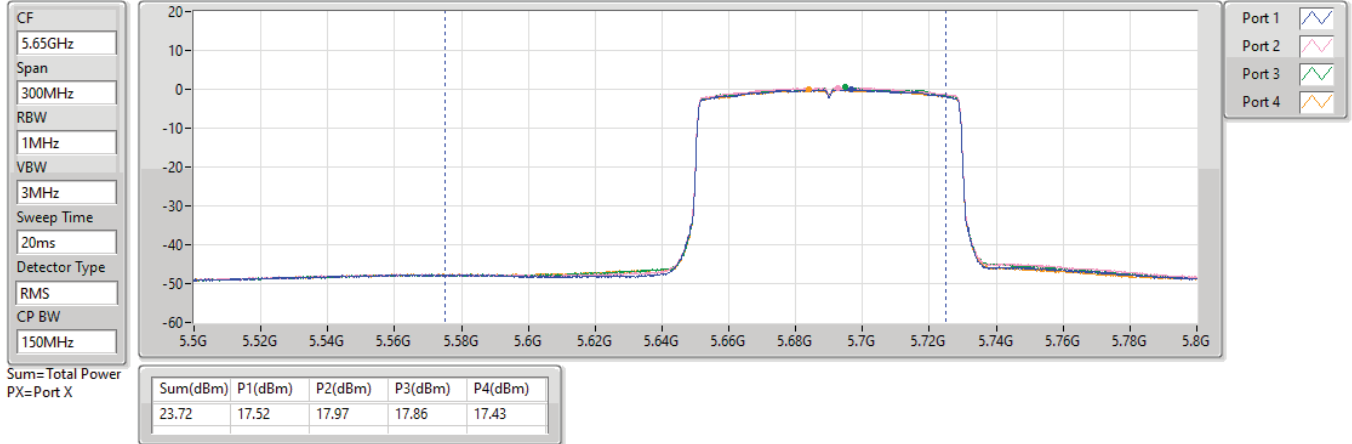


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

18/04/2023

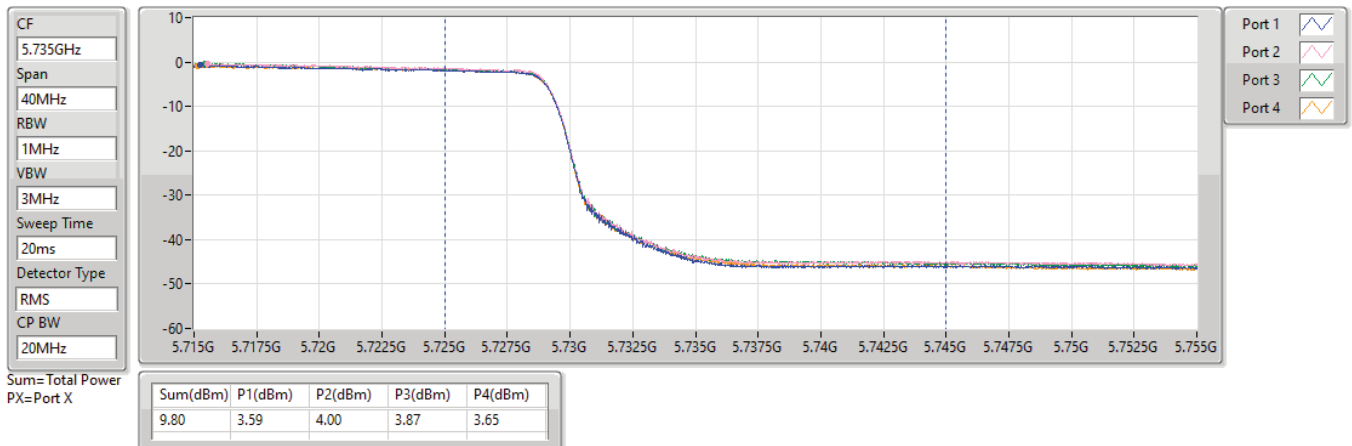


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

18/04/2023

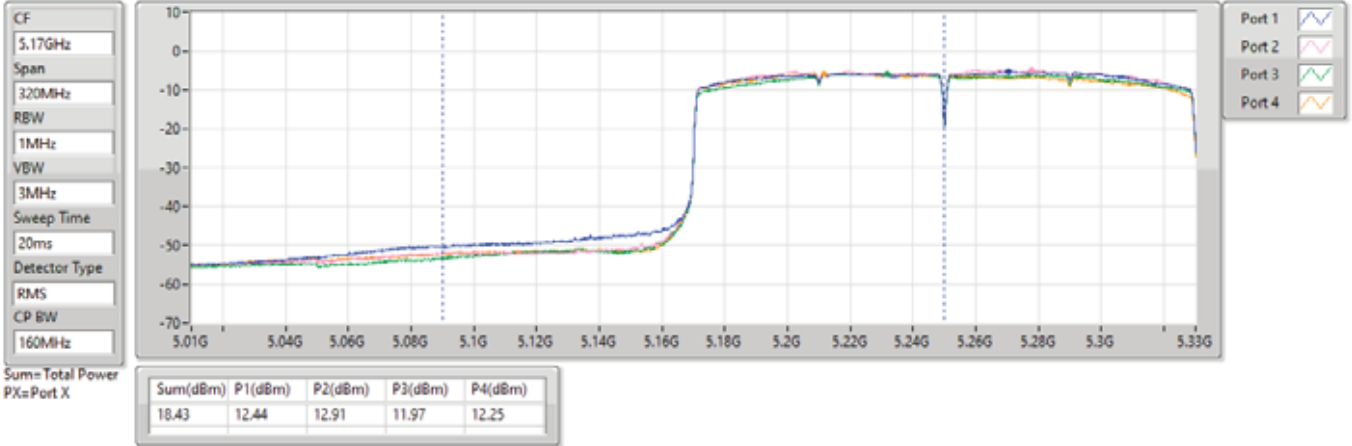


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

10/02/2023

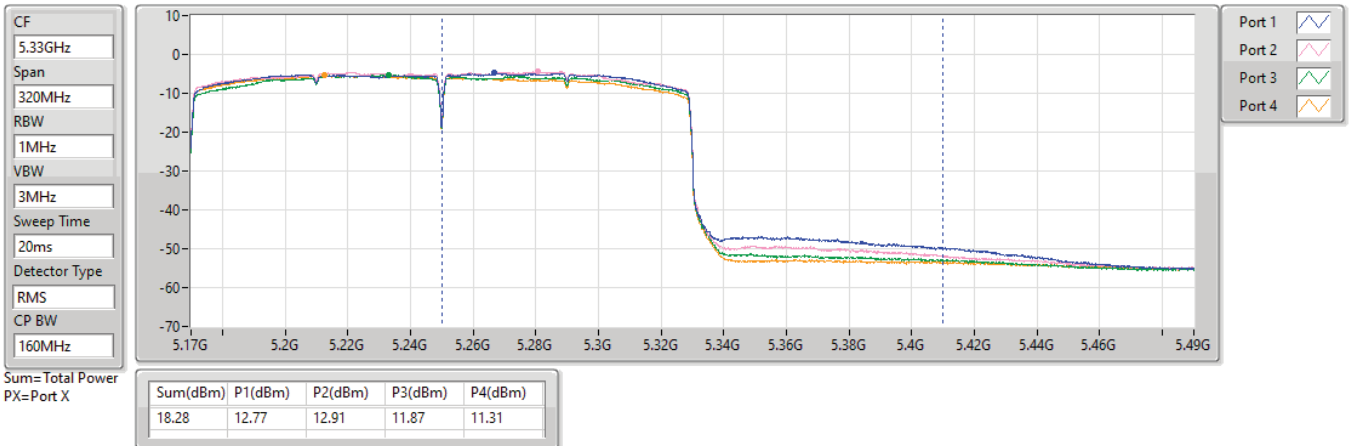


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

10/02/2023



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.19	0.08299	24.74	0.29785
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.57	0.22751	29.46	0.88308
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.53	0.22542	29.42	0.87498
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.10	0.16218	27.99	0.62951
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.91	0.07780	24.80	0.30200
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.24	0.21086	29.47	0.88512
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.25	0.21135	29.48	0.88716
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.83	0.15241	28.06	0.63973
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.18	0.13122	27.41	0.55081
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.70	0.05888	23.43	0.22029
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.33	0.02710	20.06	0.10139
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.85	0.00767	14.58	0.02871



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	17.67	17.85	16.77	16.95	23.35	23.98	29.24	30.00
5300MHz	Pass	5.89	17.72	18.06	17.05	17.28	23.57	23.98	29.46	30.00
5320MHz	Pass	5.89	17.37	17.35	16.76	17.16	23.19	23.98	29.08	30.00
5500MHz	Pass	6.23	17.41	17.80	16.70	16.88	23.24	23.75	29.47	30.00
5580MHz	Pass	6.23	16.43	17.24	16.60	17.59	23.01	23.75	29.24	30.00
5700MHz	Pass	6.23	16.39	16.98	16.18	16.57	22.56	23.75	28.79	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.23	17.05	16.77	16.00	16.24	22.56	22.62	28.79	28.85
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	12.11	11.89	11.14	11.53	17.70	30.00	23.43	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.89	17.70	18.07	17.13	17.04	23.53	23.98	29.42	30.00
5310MHz	Pass	5.89	17.12	18.04	17.14	16.92	23.35	23.98	29.24	30.00
5510MHz	Pass	6.23	17.19	17.30	16.21	16.70	22.89	23.75	29.12	30.00
5550MHz	Pass	6.23	16.65	17.95	16.55	17.23	23.15	23.75	29.38	30.00
5670MHz	Pass	6.23	16.82	17.20	16.42	17.31	22.97	23.75	29.20	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.23	17.45	17.38	17.05	17.02	23.25	23.75	29.48	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	8.64	8.33	7.98	8.26	14.33	30.00	20.06	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.89	16.08	16.70	15.59	15.88	22.10	23.98	27.99	30.00
5530MHz	Pass	6.23	15.60	16.33	15.61	15.67	21.83	23.75	28.06	30.00
5610MHz	Pass	6.23	14.79	15.97	15.52	16.04	21.63	23.75	27.86	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.23	15.52	15.74	15.31	15.57	21.56	23.75	27.79	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	2.88	3.26	2.24	2.86	8.85	30.00	14.58	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.55	13.26	13.62	13.04	12.72	19.19	30.00	24.74	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	13.28	13.45	12.86	11.78	18.91	23.98	24.80	30.00
5570MHz	Pass	6.23	15.04	15.93	14.73	14.82	21.18	23.75	27.41	30.00

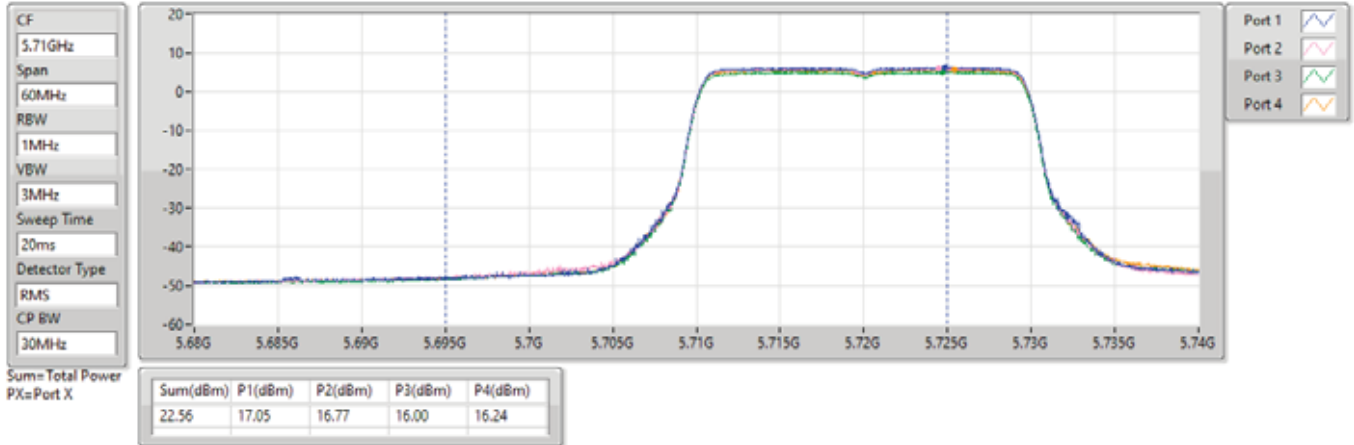
DG = Directional Gain; Port X = Port X output power

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

17/04/2023

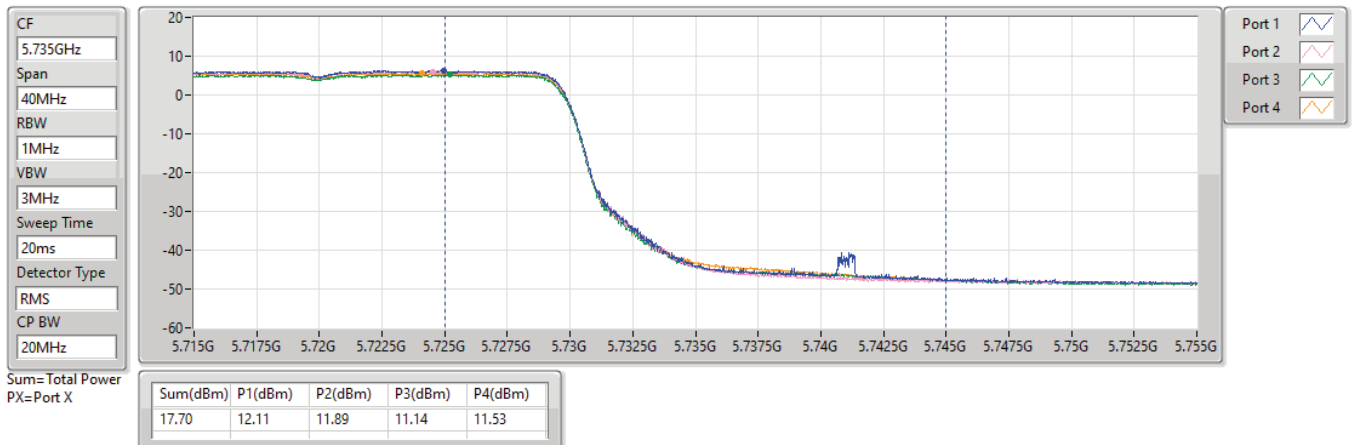


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/04/2023

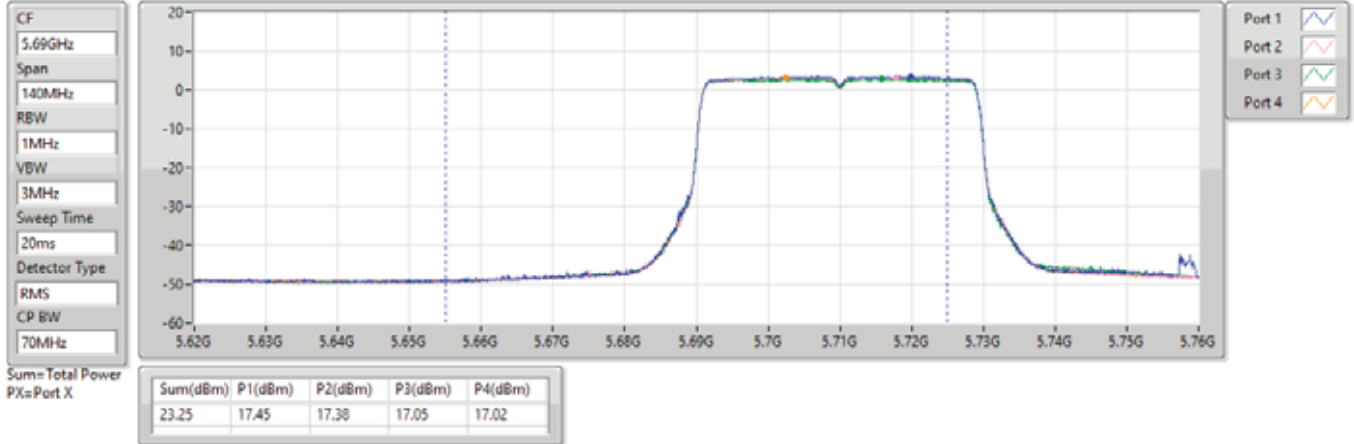


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

17/04/2023

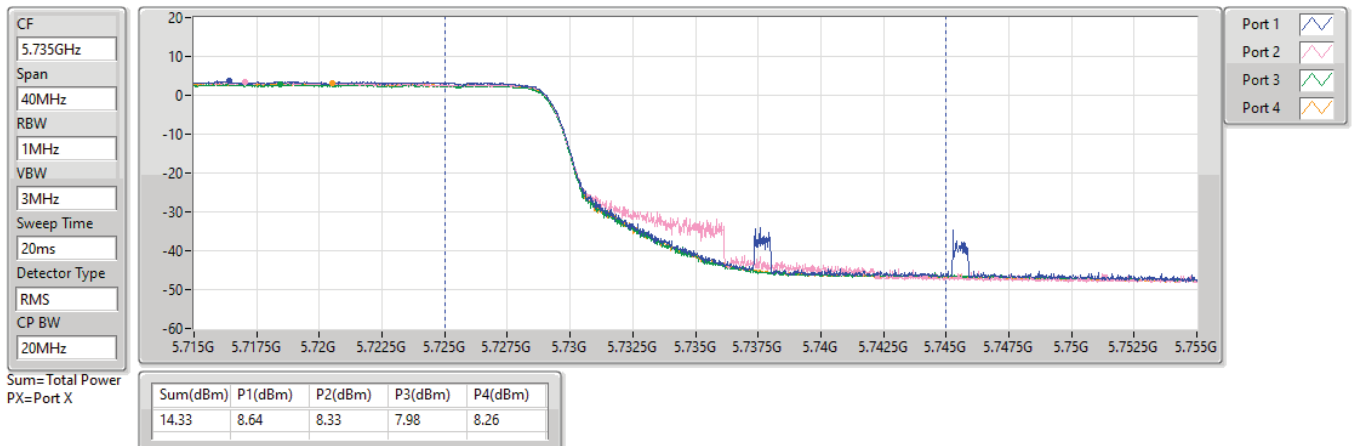


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

17/04/2023

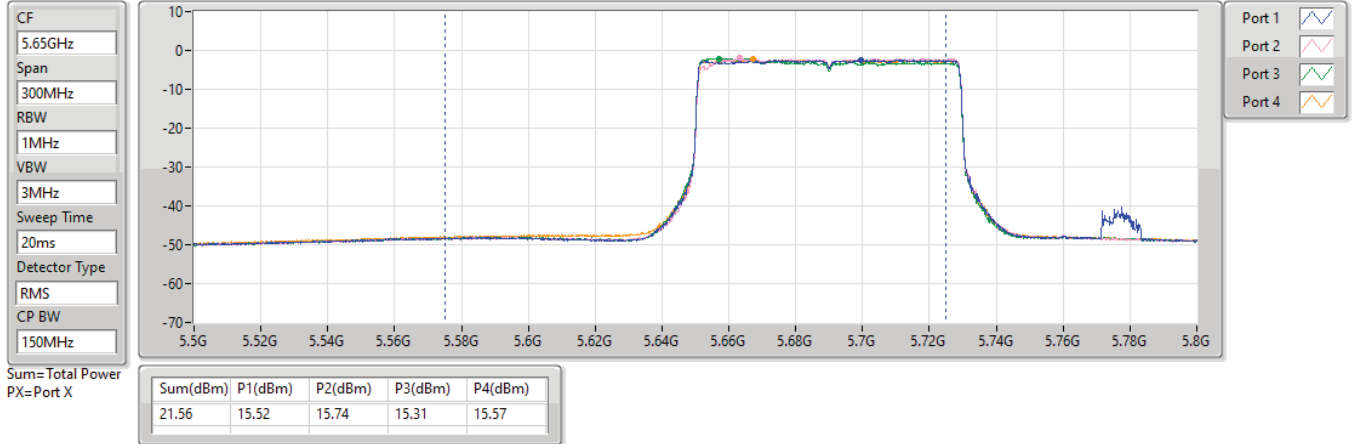


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

18/04/2023

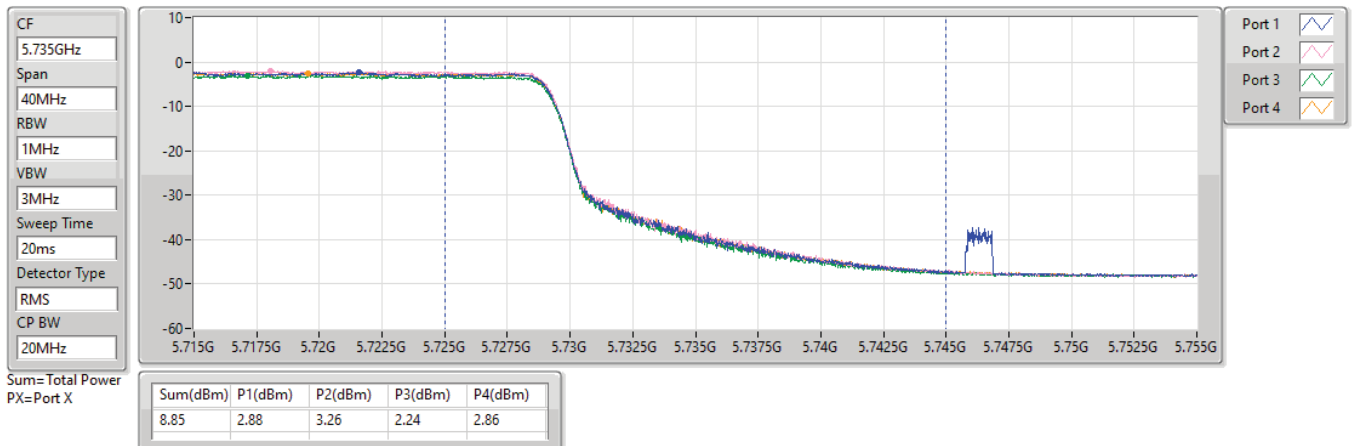


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

18/04/2023

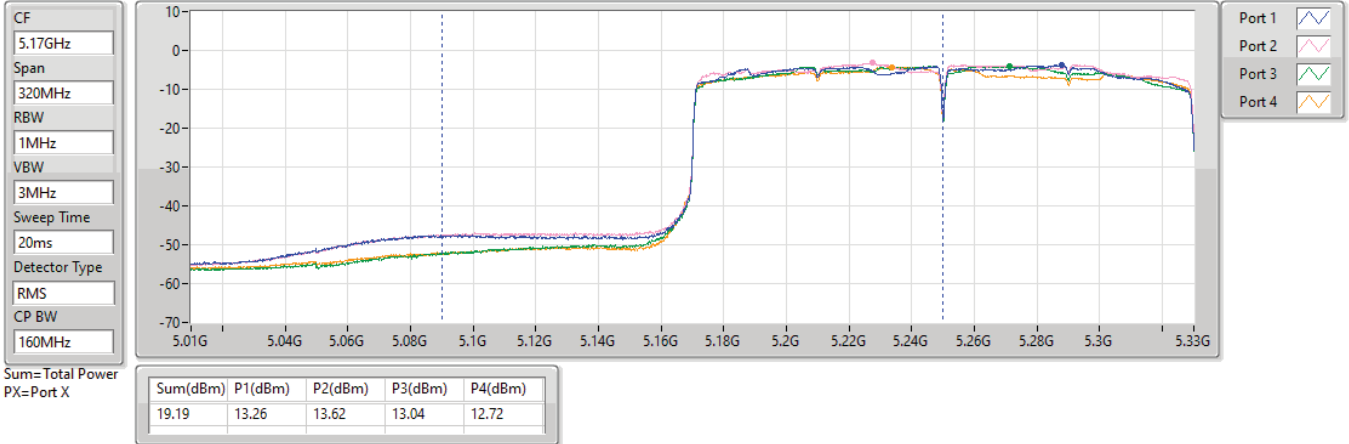


5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

13/02/2023

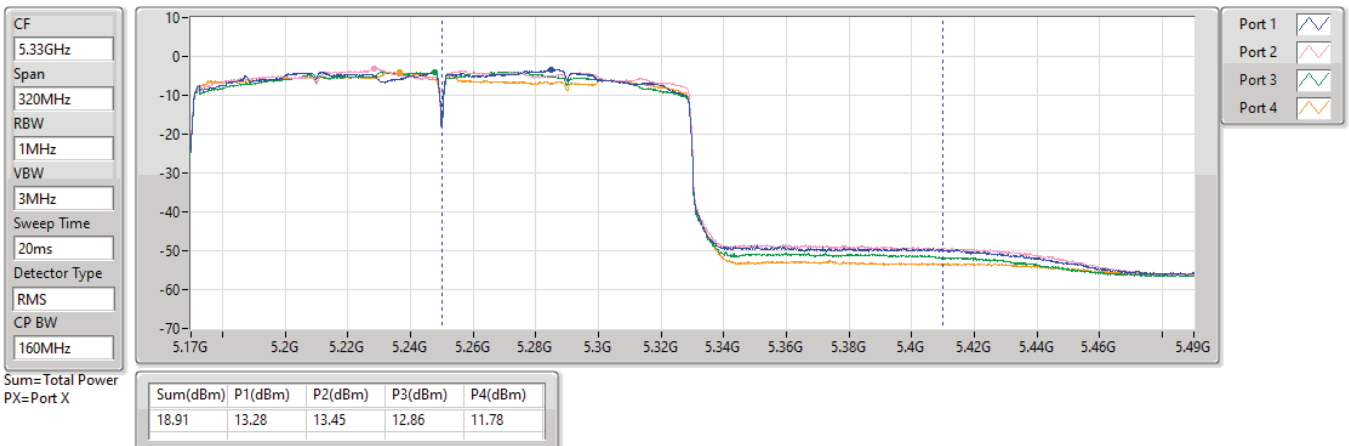


5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

13/02/2023





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.83	4.72
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.41	16.30
802.11ax HEW20_Nss1,(MCS0)_4TX	10.15	16.04
802.11ax HEW40_Nss1,(MCS0)_4TX	7.03	12.92
802.11ax HEW80_Nss1,(MCS0)_4TX	3.43	9.32
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.93	4.96
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.66	16.89
802.11ax HEW20_Nss1,(MCS0)_4TX	10.16	16.39
802.11ax HEW40_Nss1,(MCS0)_4TX	7.63	13.86
802.11ax HEW80_Nss1,(MCS0)_4TX	4.68	10.91
802.11ax HEW160_Nss1,(MCS0)_4TX	1.75	7.98
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.21	13.94
802.11ax HEW20_Nss1,(MCS0)_4TX	8.41	14.14
802.11ax HEW40_Nss1,(MCS0)_4TX	4.87	10.60
802.11ax HEW80_Nss1,(MCS0)_4TX	1.23	6.96

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	4.59	4.60	3.50	3.81	10.03	11.00	15.92	17.00
5300MHz	Pass	5.89	5.02	4.89	4.03	3.76	10.30	11.00	16.19	17.00
5320MHz	Pass	5.89	4.74	5.13	4.30	4.03	10.41	11.00	16.30	17.00
5500MHz	Pass	6.23	4.76	5.36	4.45	4.57	10.66	10.77	16.89	17.00
5580MHz	Pass	6.23	4.94	5.26	4.40	4.55	10.62	10.77	16.85	17.00
5700MHz	Pass	6.23	4.24	4.85	4.52	4.22	10.30	10.77	16.53	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.23	4.02	4.71	3.95	4.08	10.14	10.77	16.37	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	2.22	2.76	2.02	2.12	8.21	30.00	13.94	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	4.83	4.70	3.67	3.81	10.15	11.00	16.04	17.00
5300MHz	Pass	5.89	4.80	4.37	3.55	3.28	9.96	11.00	15.85	17.00
5320MHz	Pass	5.89	4.29	4.61	3.78	3.34	9.89	11.00	15.78	17.00
5500MHz	Pass	6.23	4.29	4.66	4.02	4.11	10.15	10.77	16.38	17.00
5580MHz	Pass	6.23	4.42	4.48	3.80	4.07	10.11	10.77	16.34	17.00
5700MHz	Pass	6.23	3.75	4.17	3.91	3.59	9.78	10.77	16.01	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.23	4.18	4.44	4.23	4.23	10.16	10.77	16.39	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	2.48	2.56	2.39	2.31	8.41	30.00	14.14	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.89	1.58	1.65	0.43	0.60	7.00	11.00	12.89	17.00
5310MHz	Pass	5.89	1.66	2.03	0.50	-0.31	7.03	11.00	12.92	17.00
5510MHz	Pass	6.23	1.35	1.79	1.29	1.31	7.31	10.77	13.54	17.00
5550MHz	Pass	6.23	0.88	1.51	0.97	1.31	7.07	10.77	13.30	17.00
5670MHz	Pass	6.23	0.81	1.40	1.44	1.01	7.02	10.77	13.25	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.23	1.72	1.99	1.80	1.44	7.63	10.77	13.86	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	-1.29	-0.78	-0.92	-1.43	4.87	30.00	10.60	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.89	-1.66	-1.37	-3.12	-3.86	3.43	11.00	9.32	17.00
5530MHz	Pass	6.23	-1.75	-1.28	-1.64	-1.33	4.39	10.77	10.62	17.00
5610MHz	Pass	6.23	-1.35	-1.46	-1.56	-2.05	4.28	10.77	10.51	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.23	-1.57	-1.06	-0.93	-1.38	4.68	10.77	10.91	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	-4.96	-4.34	-4.62	-4.86	1.23	30.00	6.96	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.55	-6.60	-6.28	-6.76	-6.73	-0.83	17.00	4.72	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	-6.29	-5.91	-6.84	-7.71	-0.93	11.00	4.96	17.00
5570MHz	Pass	6.23	-4.23	-3.82	-4.07	-4.52	1.75	10.77	7.98	17.00

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

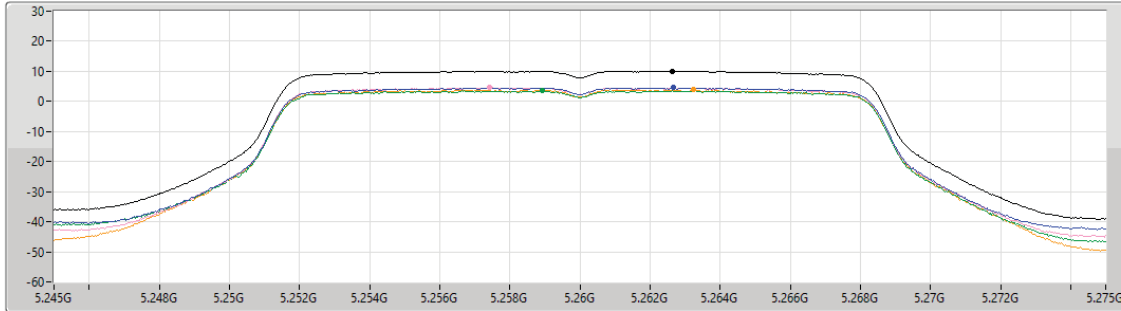
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

18/04/2023

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.03	10.03	4.59	4.60	3.50	3.81

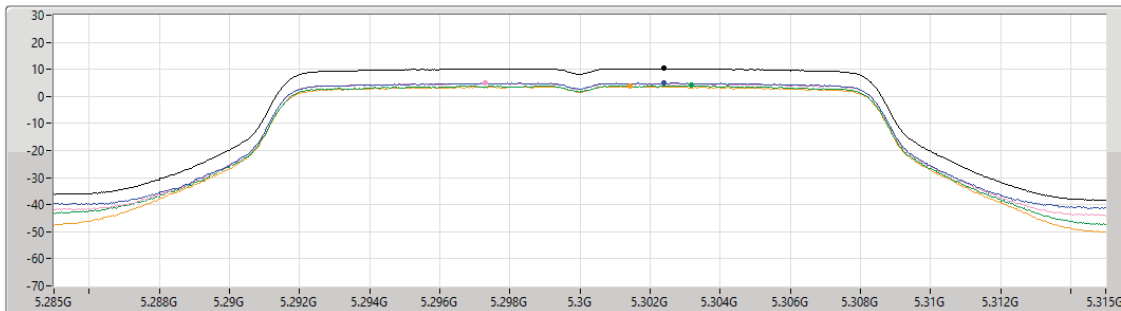
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

18/04/2023

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.30	10.30	5.02	4.89	4.03	3.76

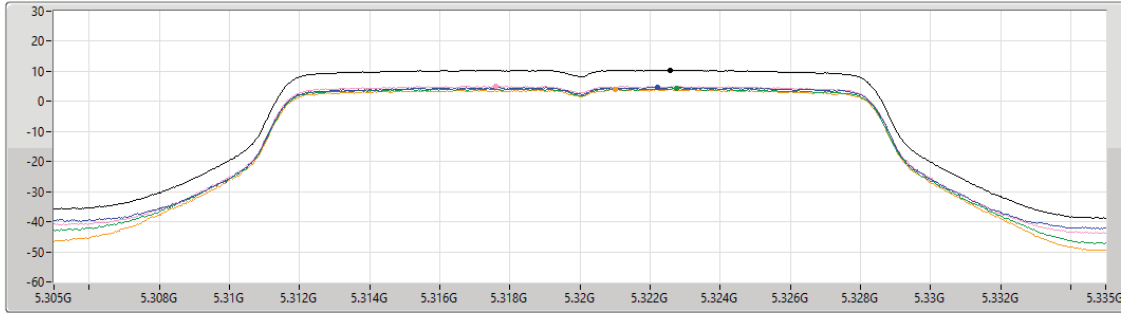
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

18/04/2023

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.41	10.41	4.74	5.13	4.30	4.03

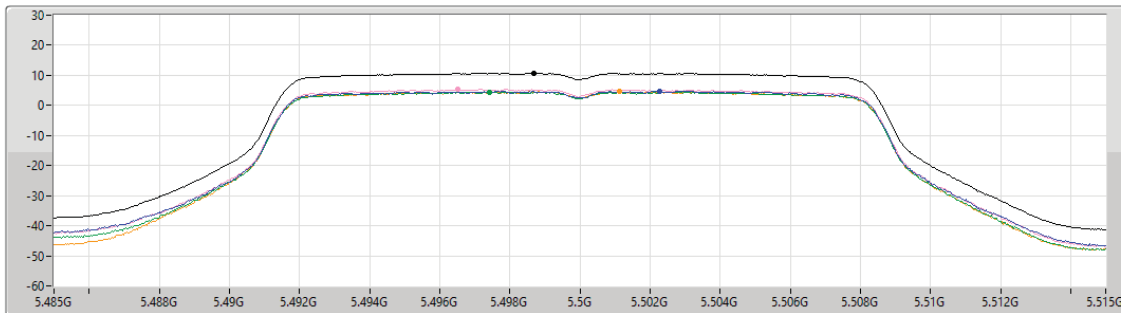
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

18/04/2023

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.66	10.66	4.76	5.36	4.45	4.57

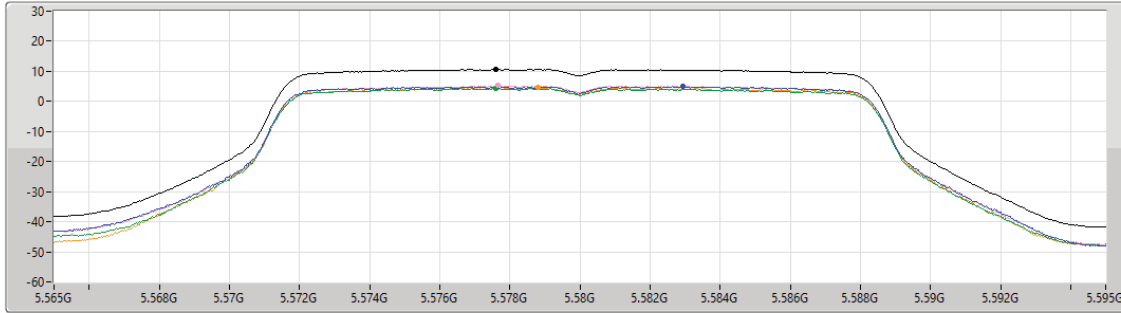
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

18/04/2023

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.62	10.62	4.94	5.26	4.40	4.55

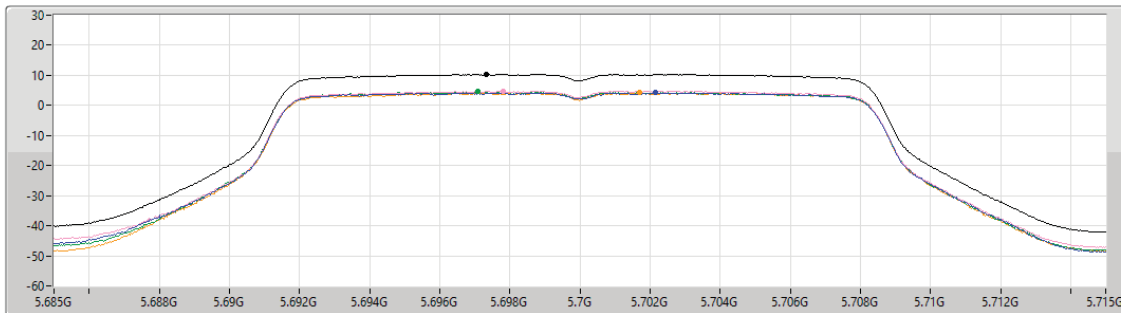
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

18/04/2023

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

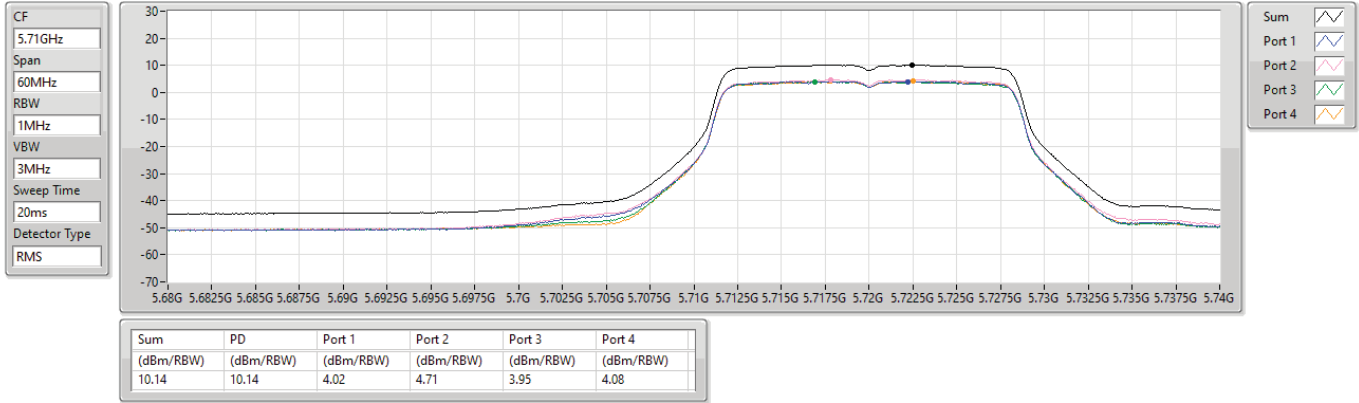
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.24	4.85	4.52	4.22

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

PSD

5720MHz Straddle 5.47-5.725GHz

18/04/2023

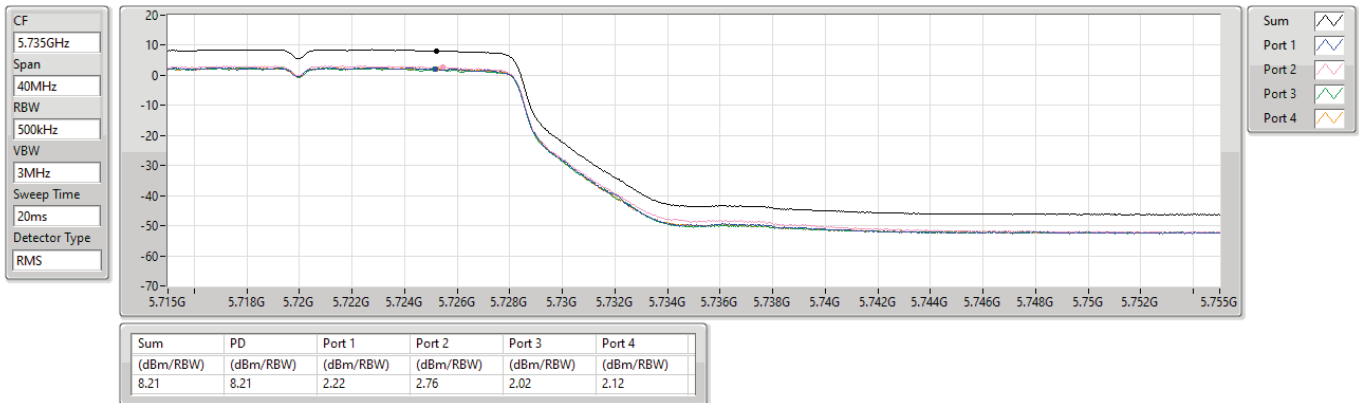


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

18/04/2023



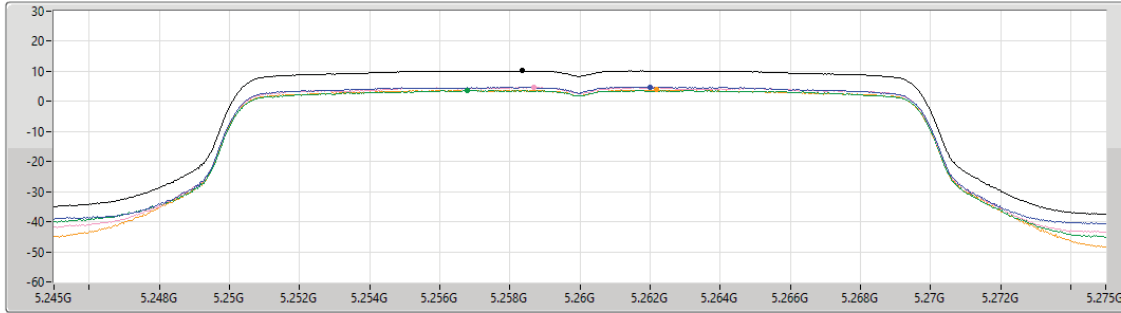
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

18/04/2023

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.15	10.15	4.83	4.70	3.67	3.81

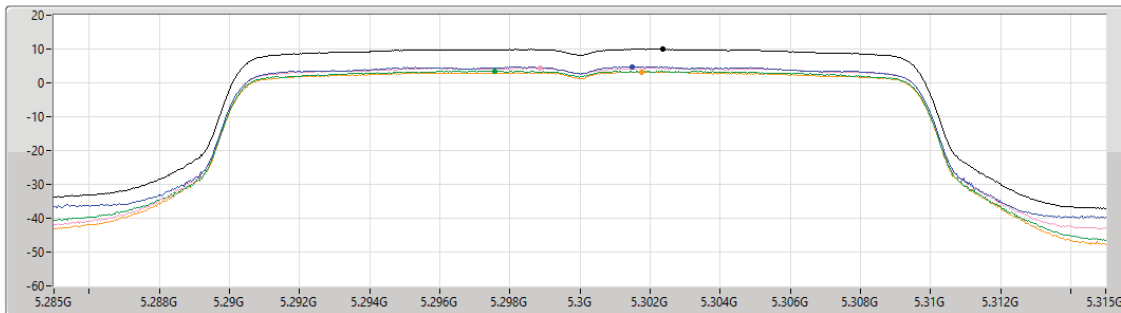
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

18/04/2023

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
9.96	9.96	4.80	4.37	3.55	3.28

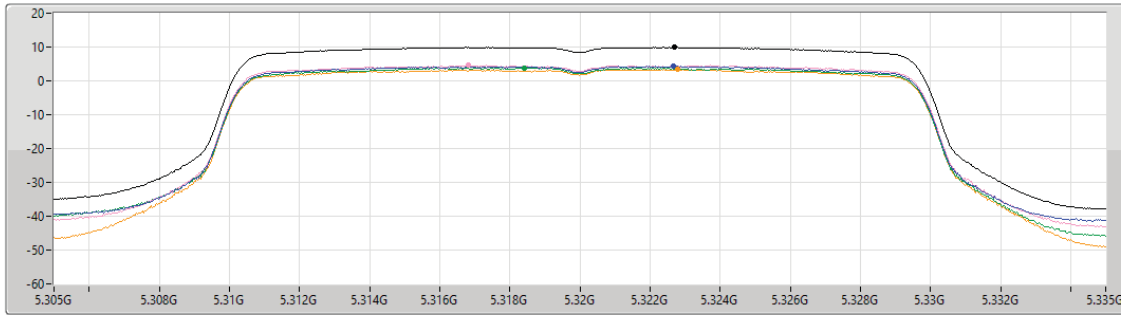
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

18/04/2023

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
9.89	9.89	4.29	4.61	3.78	3.34

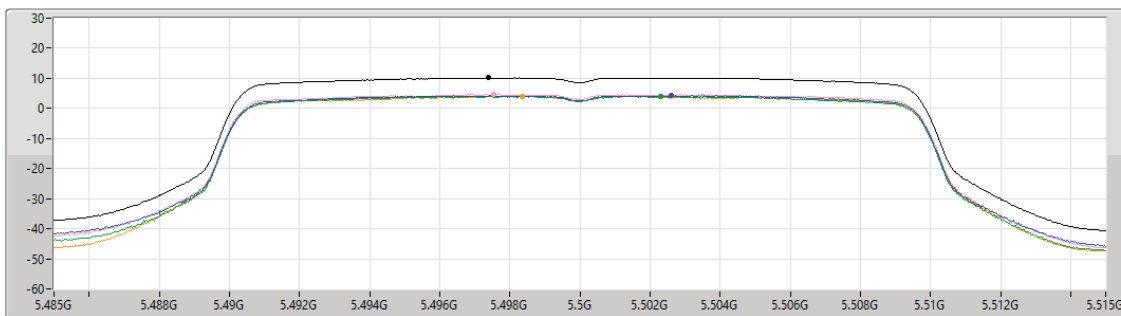
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

18/04/2023

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.15	10.15	4.29	4.66	4.02	4.11

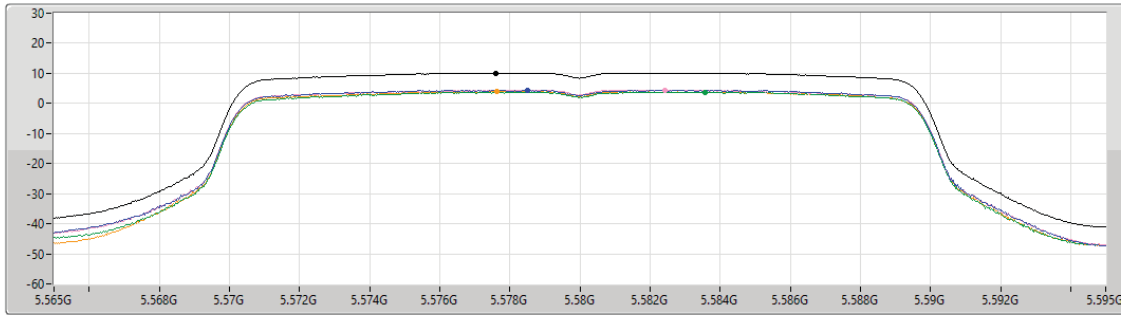
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

18/04/2023

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.11	10.11	4.42	4.48	3.80	4.07

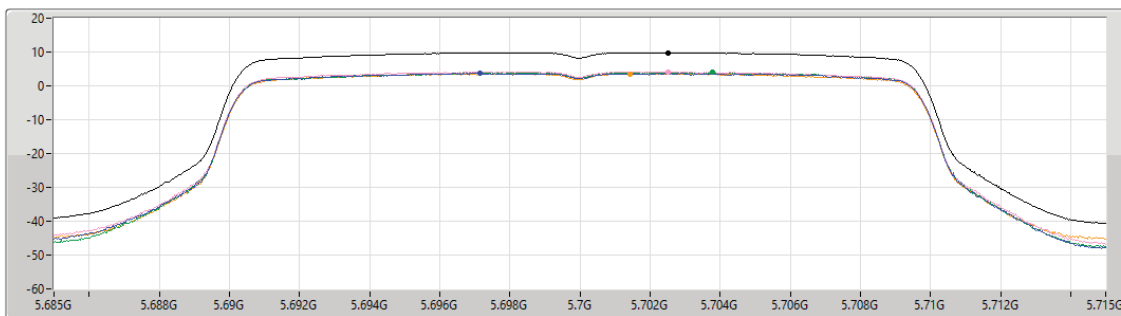
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

18/04/2023

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

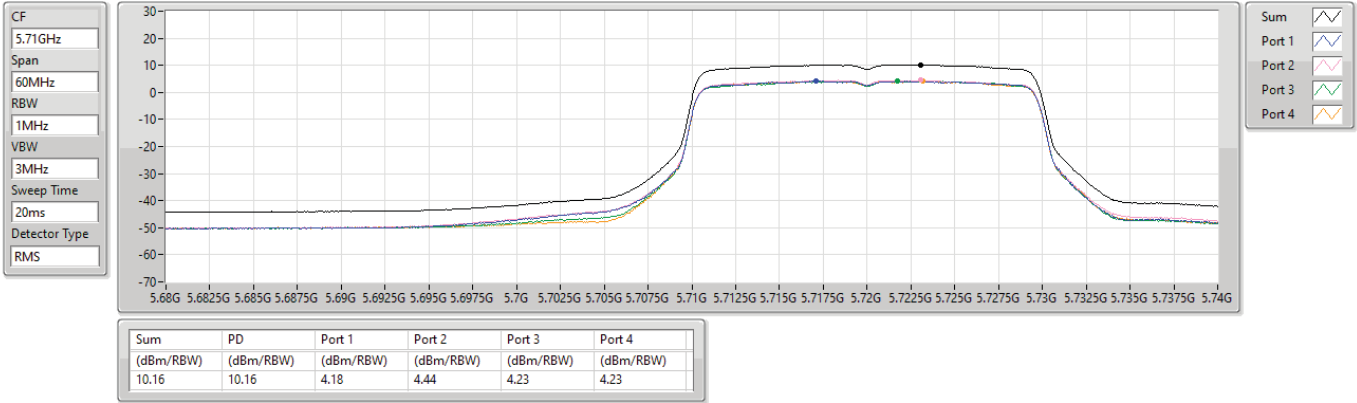
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	3.75	4.17	3.91	3.59

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

18/04/2023

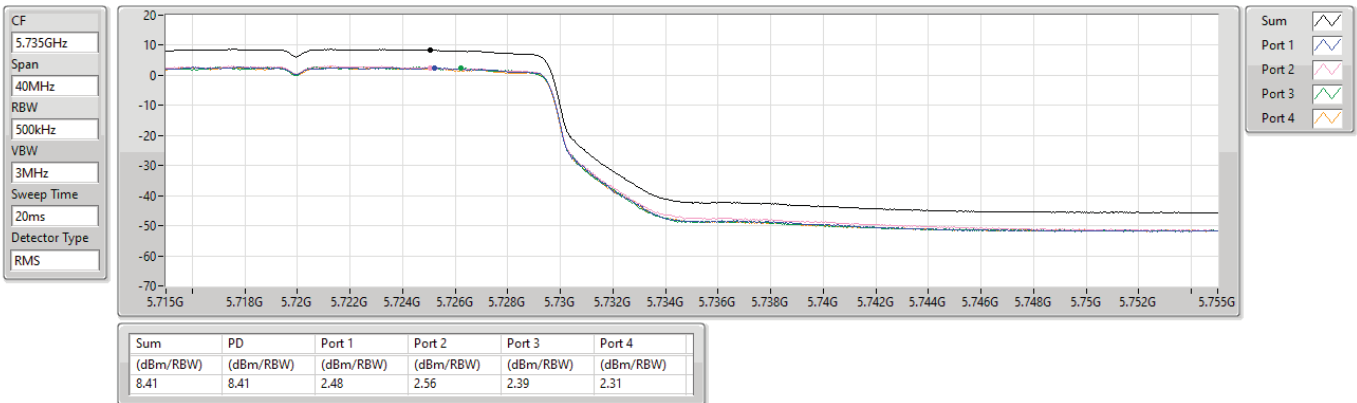


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

18/04/2023

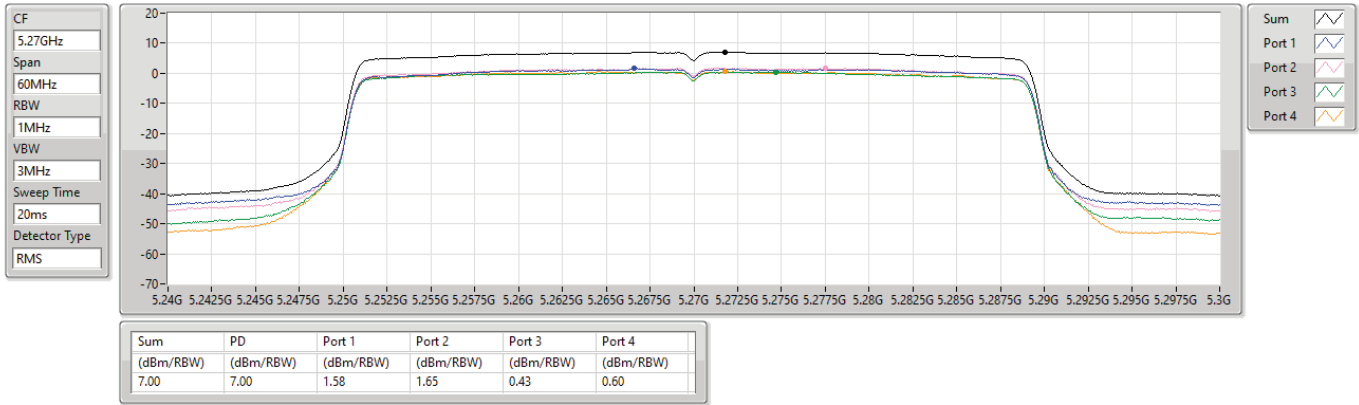


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

10/02/2023

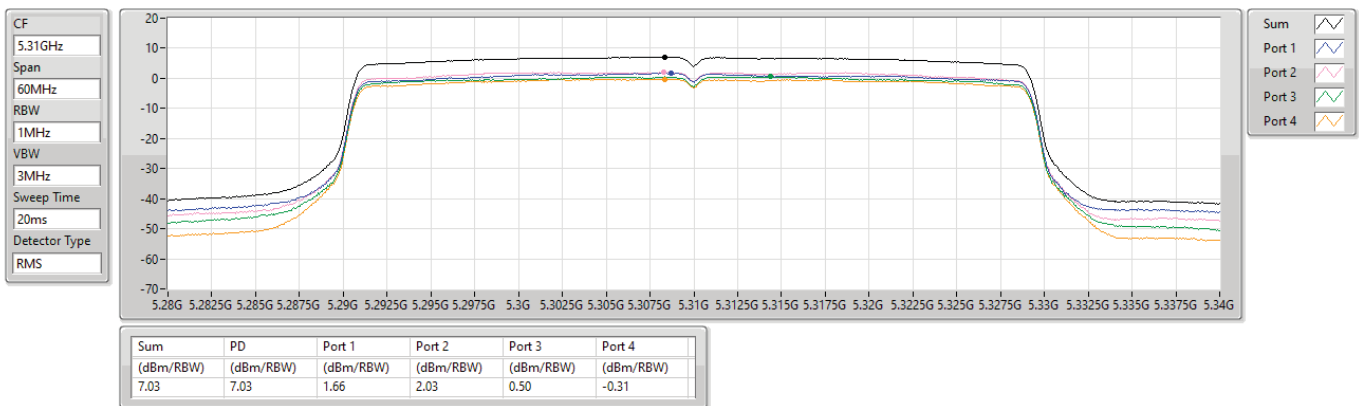


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

10/02/2023



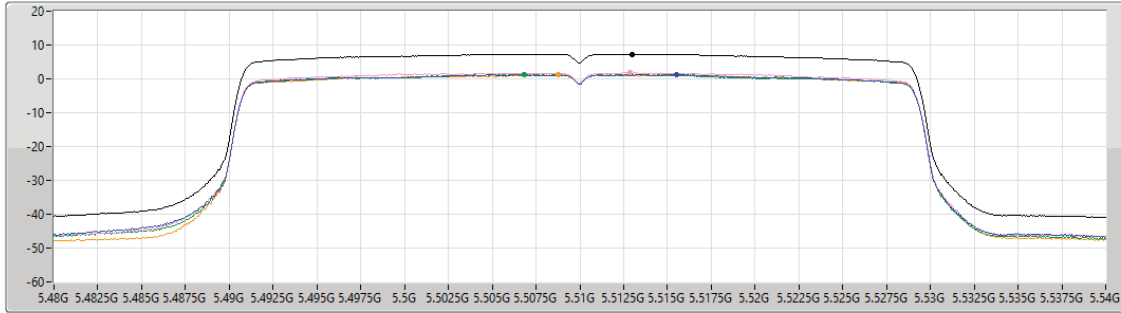
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

18/04/2023

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
7.31	7.31	1.35	1.79	1.29	1.31

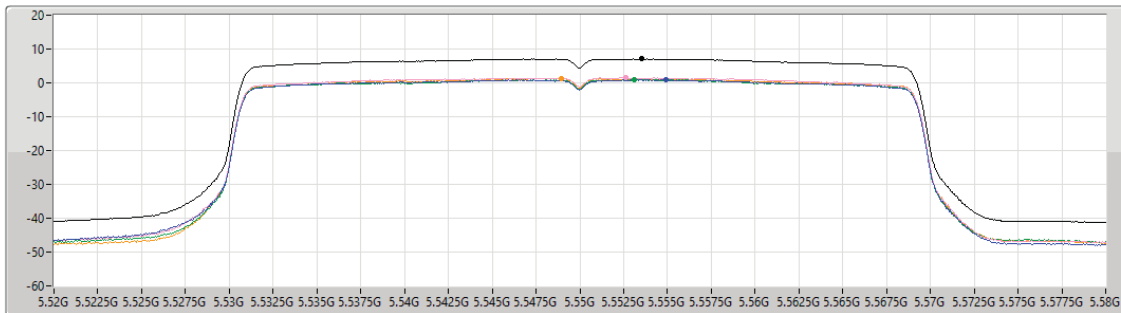
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

18/04/2023

CF
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

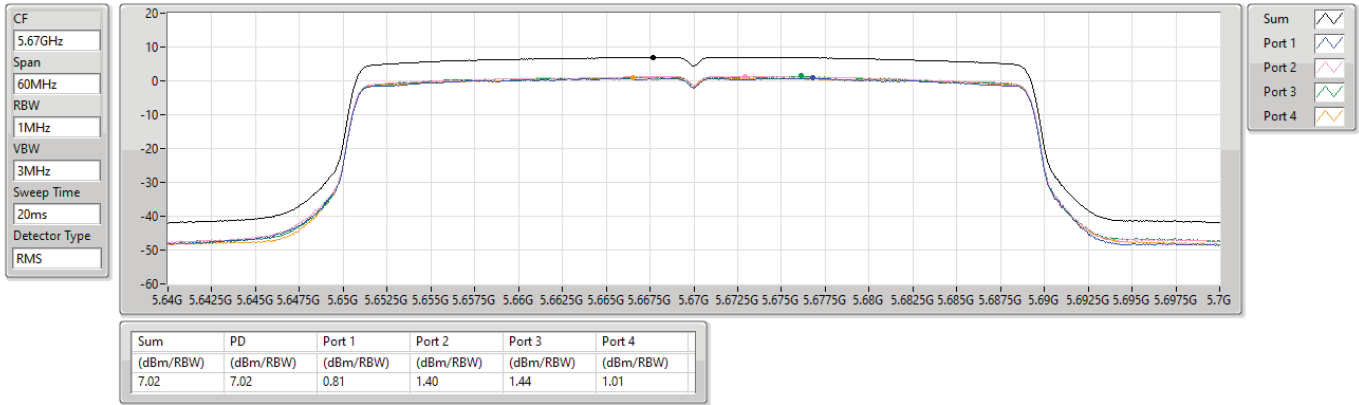
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	0.88	1.51	0.97	1.31

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

18/04/2023

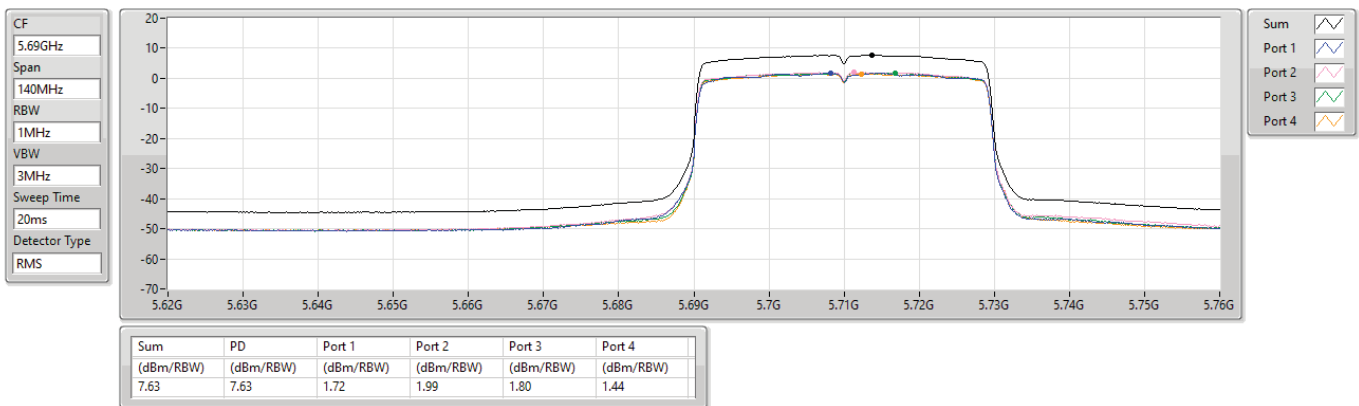


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

18/04/2023



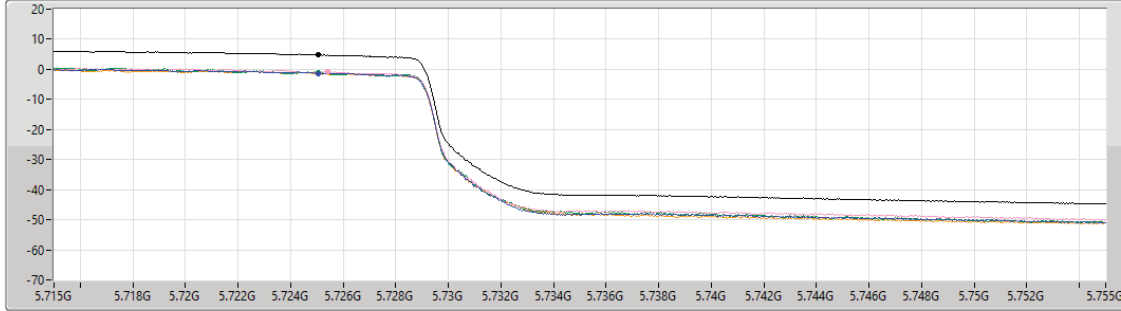
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

18/04/2023

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
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)
4.87	4.87	-1.29	-0.78	-0.92	-1.43

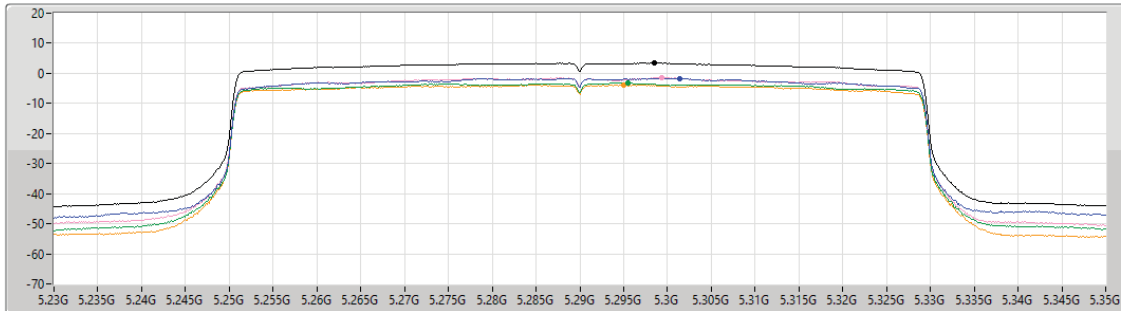
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

10/02/2023

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

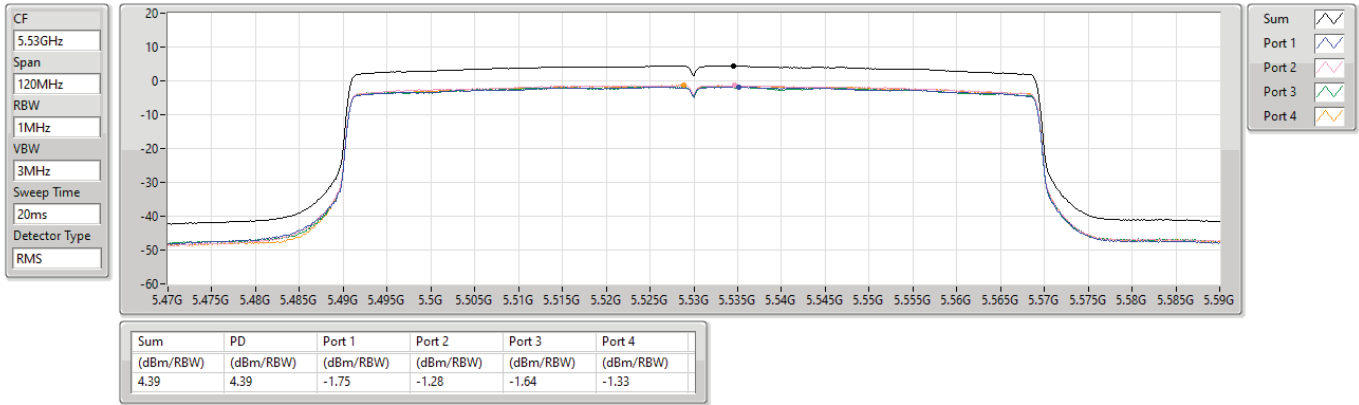
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.43	3.43	-1.66	-1.37	-3.12	-3.86

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

18/04/2023

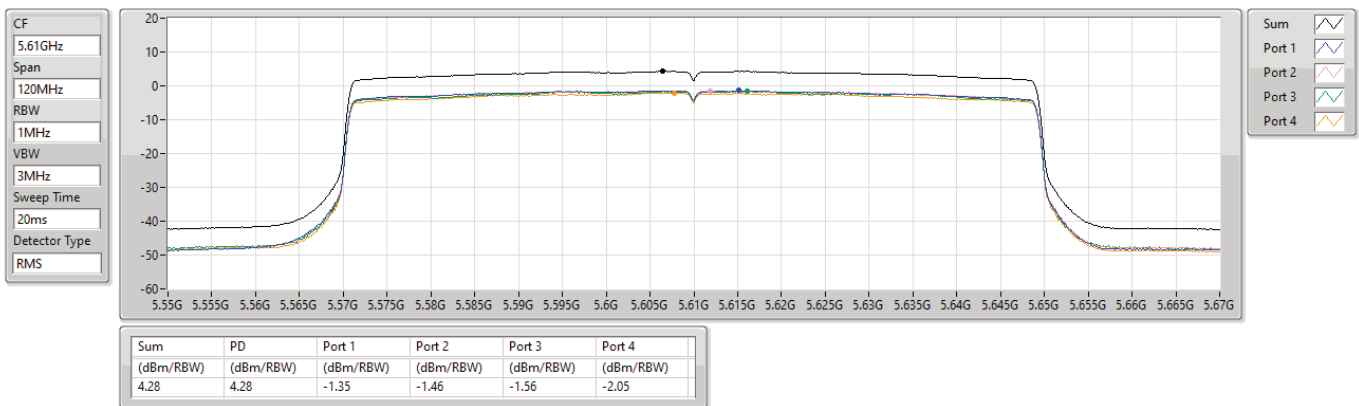


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

18/04/2023

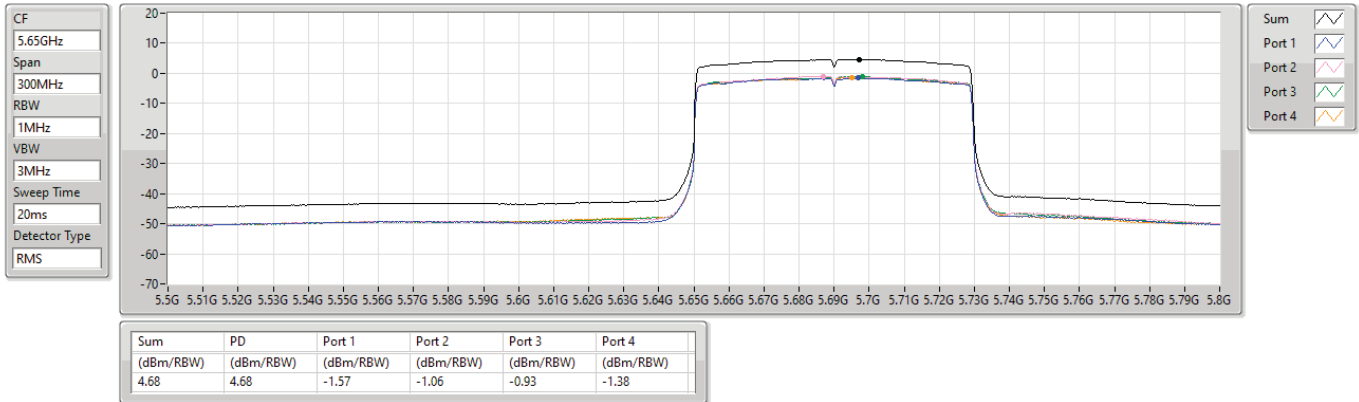


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/04/2023

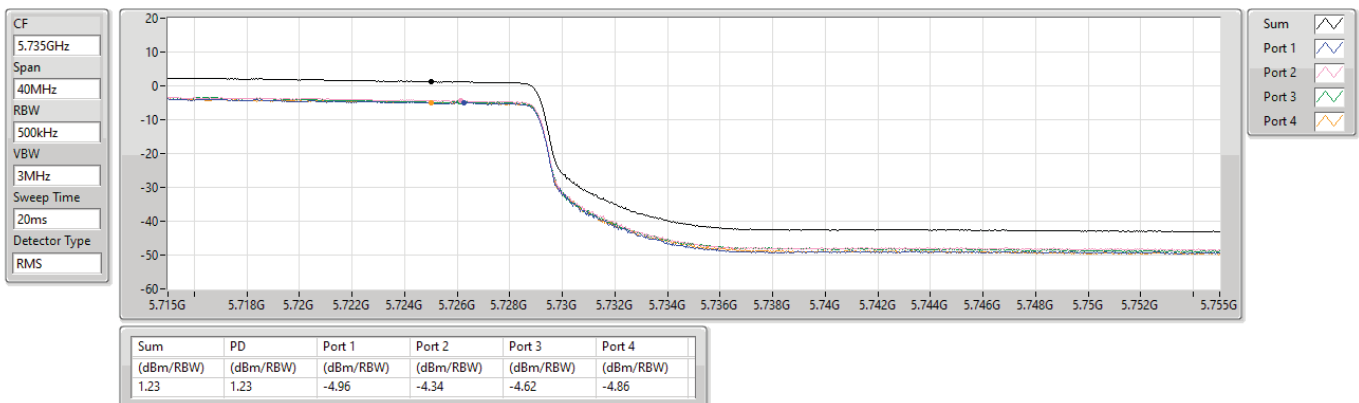


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/04/2023



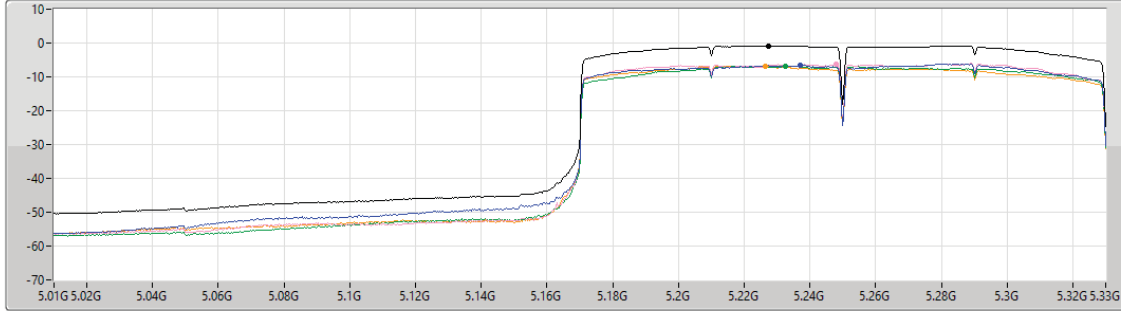
5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

10/02/2023

CF
5.17GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
-0.83	-0.83	-6.60	-6.28	-6.76	-6.73

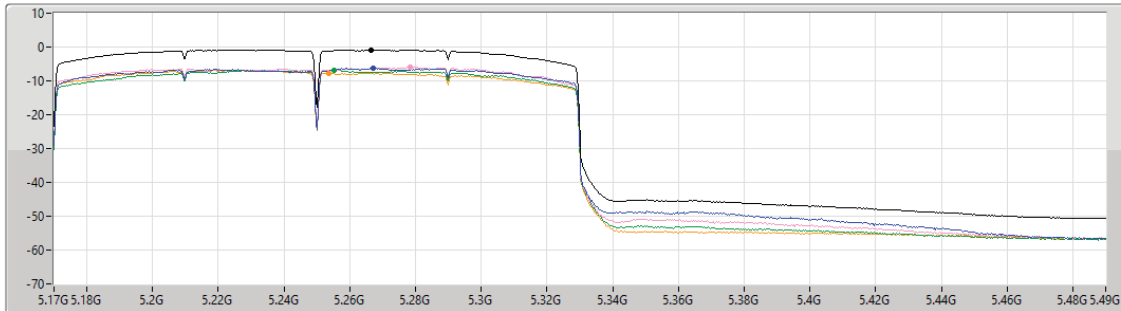
5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

10/02/2023

CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

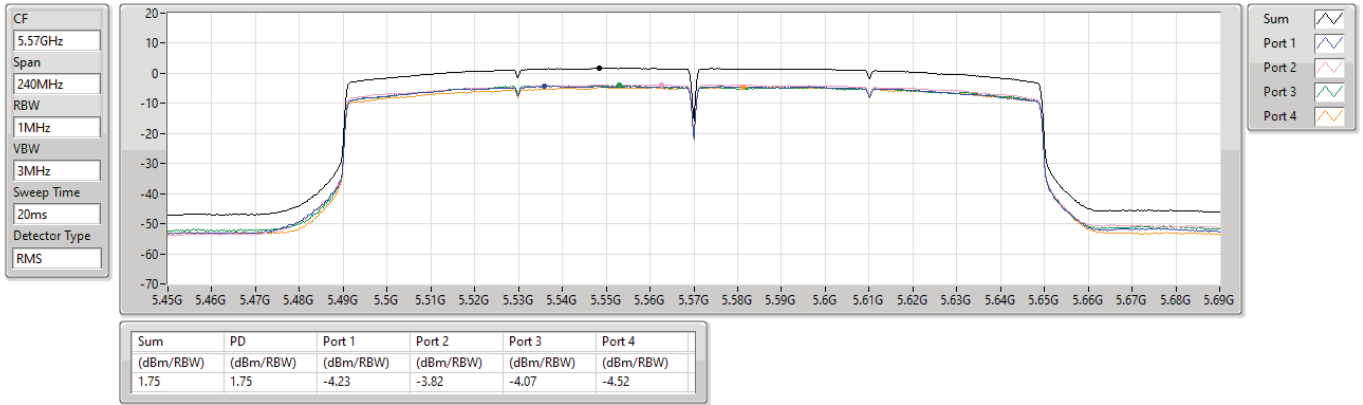
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.93	-0.93	-6.29	-5.91	-6.84	-7.71

5.47-5.725GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

10/02/2023



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.03	5.58
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.56	16.45
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.75	12.64
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.41	8.30
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.37	5.52
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.16	16.39
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.50	13.73
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.14	8.37
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-2.62	3.61
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.64	14.37
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.78	11.51
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.19	5.92

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	4.02	4.19	3.16	3.90	9.70	11.00	15.59	17.00
5300MHz	Pass	5.89	4.75	5.11	4.03	4.80	10.56	11.00	16.45	17.00
5320MHz	Pass	5.89	4.24	4.46	3.35	3.43	9.60	11.00	15.49	17.00
5500MHz	Pass	6.23	4.00	4.70	3.64	3.83	9.98	10.77	16.21	17.00
5580MHz	Pass	6.23	3.67	4.56	3.49	4.60	9.95	10.77	16.18	17.00
5700MHz	Pass	6.23	2.98	3.40	2.63	2.95	8.88	10.77	15.11	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.23	4.69	4.51	3.55	4.17	10.16	10.77	16.39	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	3.18	2.96	1.98	2.59	8.64	30.00	14.37	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.89	1.23	1.50	0.46	0.98	6.75	11.00	12.64	17.00
5310MHz	Pass	5.89	1.42	1.86	0.57	0.37	6.73	11.00	12.62	17.00
5510MHz	Pass	6.23	0.67	1.21	-0.12	0.36	6.43	10.77	12.66	17.00
5550MHz	Pass	6.23	0.36	1.48	0.06	0.73	6.61	10.77	12.84	17.00
5670MHz	Pass	6.23	0.70	1.35	0.16	0.74	6.47	10.77	12.70	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.23	1.95	1.72	1.28	1.56	7.50	10.77	13.73	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	0.09	0.03	-0.60	-0.28	5.78	30.00	11.51	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.89	-3.10	-2.32	-3.56	-3.13	2.41	11.00	8.30	17.00
5530MHz	Pass	6.23	-3.57	-2.34	-3.97	-3.79	2.14	10.77	8.37	17.00
5610MHz	Pass	6.23	-3.73	-2.90	-3.94	-3.07	2.10	10.77	8.33	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.23	-4.00	-3.68	-3.48	-3.45	1.96	10.77	8.19	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	-5.51	-5.24	-6.21	-5.84	0.19	30.00	5.92	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.55	-5.43	-4.63	-5.30	-5.66	0.03	17.00	5.58	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	-5.16	-5.59	-5.51	-6.36	-0.37	11.00	5.52	17.00
5570MHz	Pass	6.23	-8.80	-6.94	-7.85	-8.27	-2.62	10.77	3.61	17.00

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

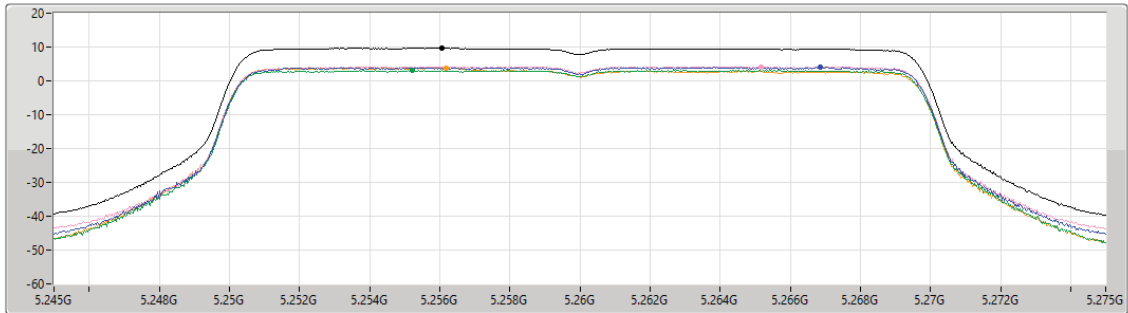
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

17/04/2023

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
9.70	9.70	4.02	4.19	3.16	3.90

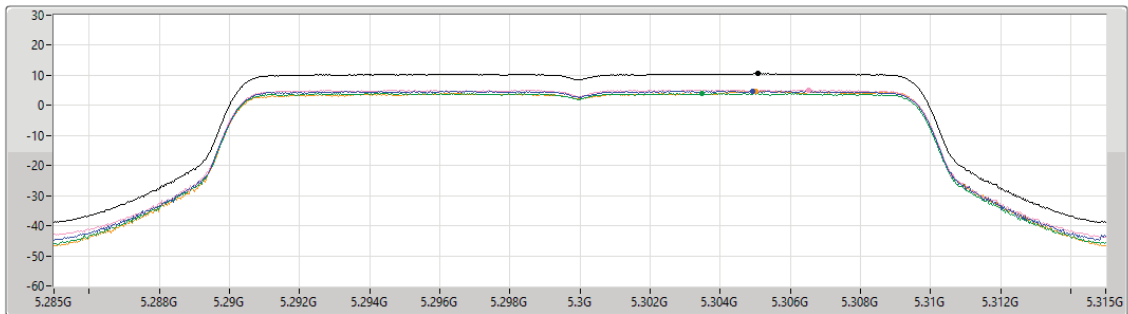
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

17/04/2023

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
10.56	10.56	4.75	5.11	4.03	4.80

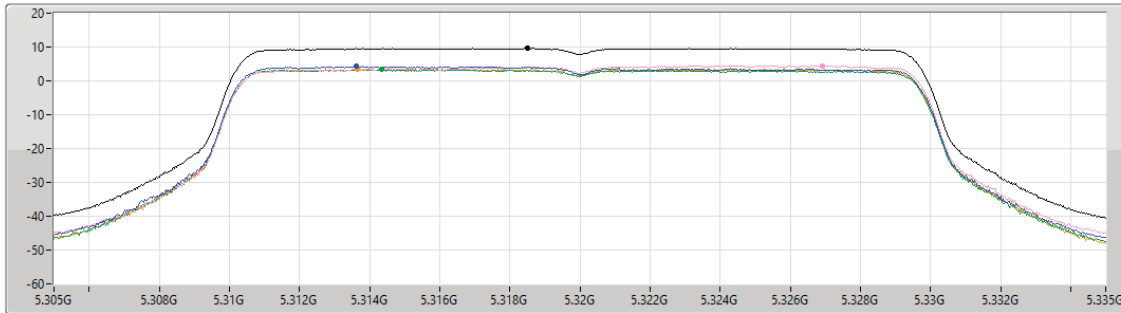
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

17/04/2023

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
9.60	9.60	4.24	4.46	3.35	3.43

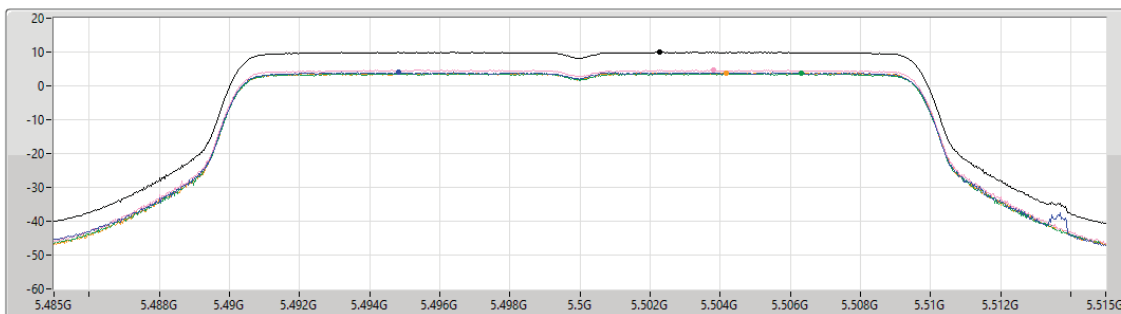
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

17/04/2023

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
9.98	9.98	4.00	4.70	3.64	3.83

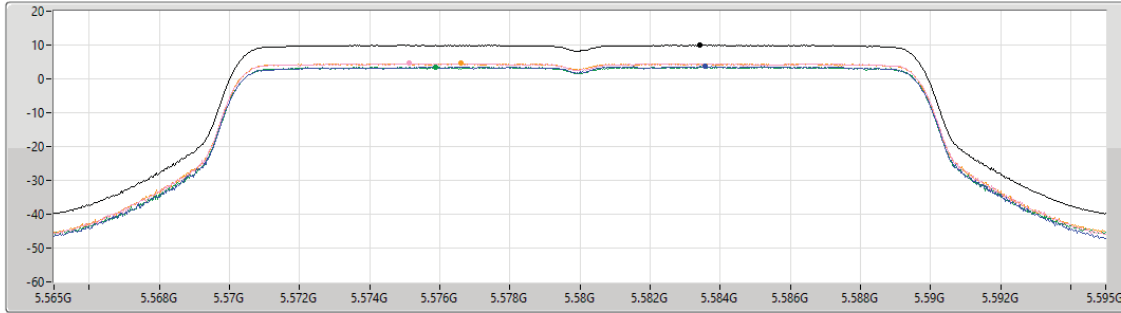
5.47-5.725GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

17/04/2023

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
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)
9.95	9.95	3.67	4.56	3.49	4.60

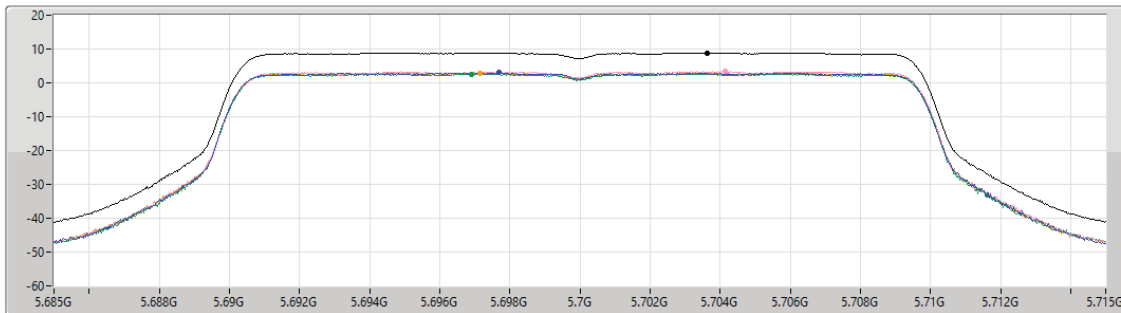
5.47-5.725GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

17/04/2023

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

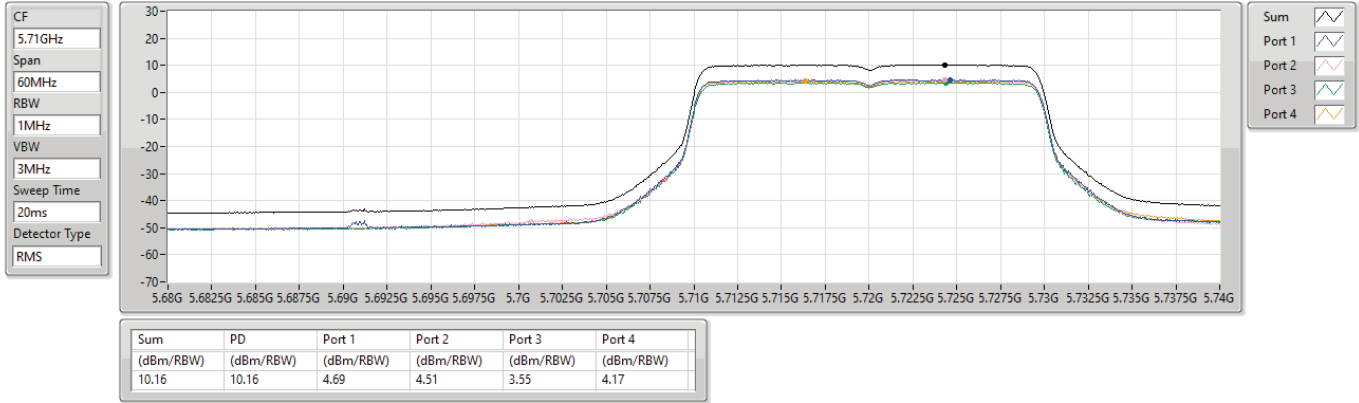
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.88	8.88	2.98	3.40	2.63	2.95

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

17/04/2023

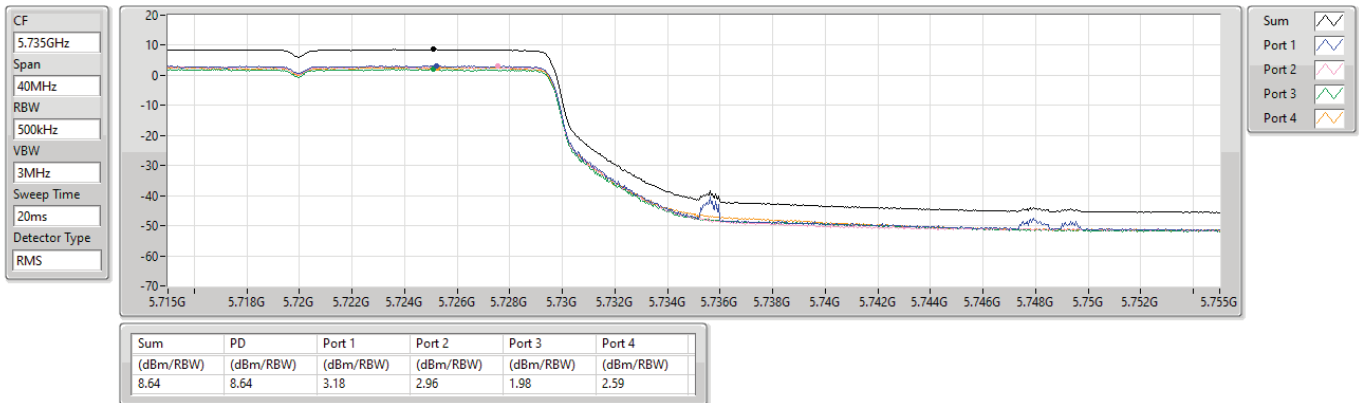


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

17/04/2023

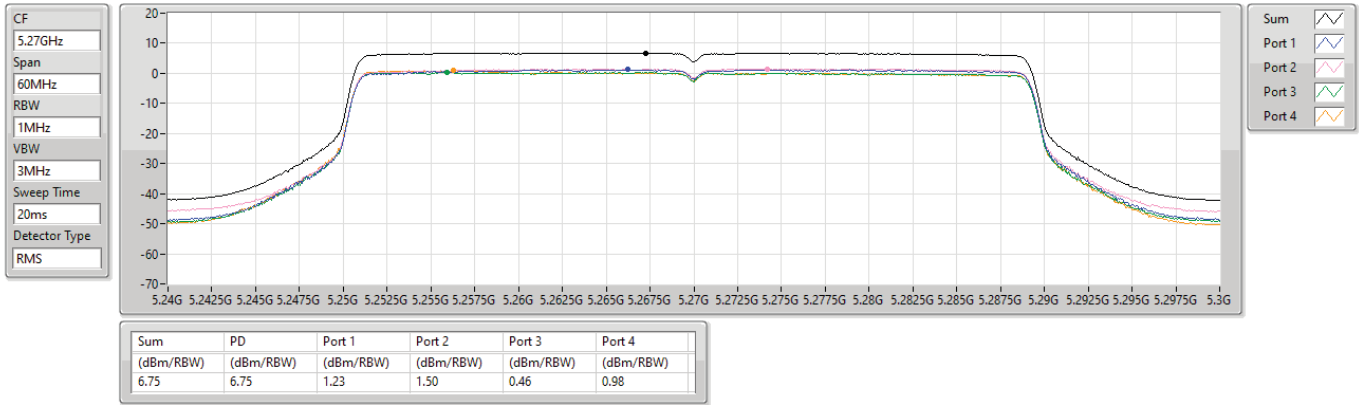


5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

17/04/2023

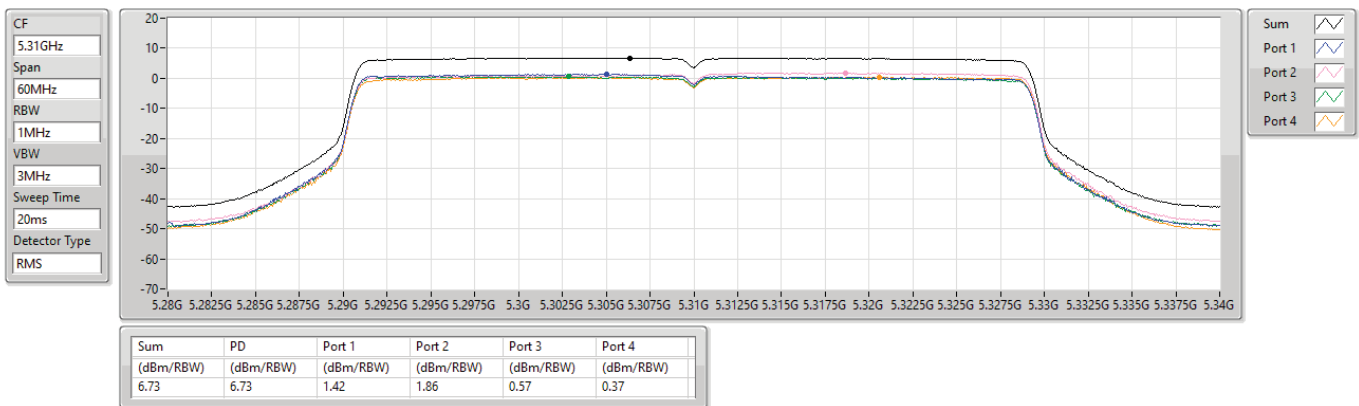


5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

17/04/2023

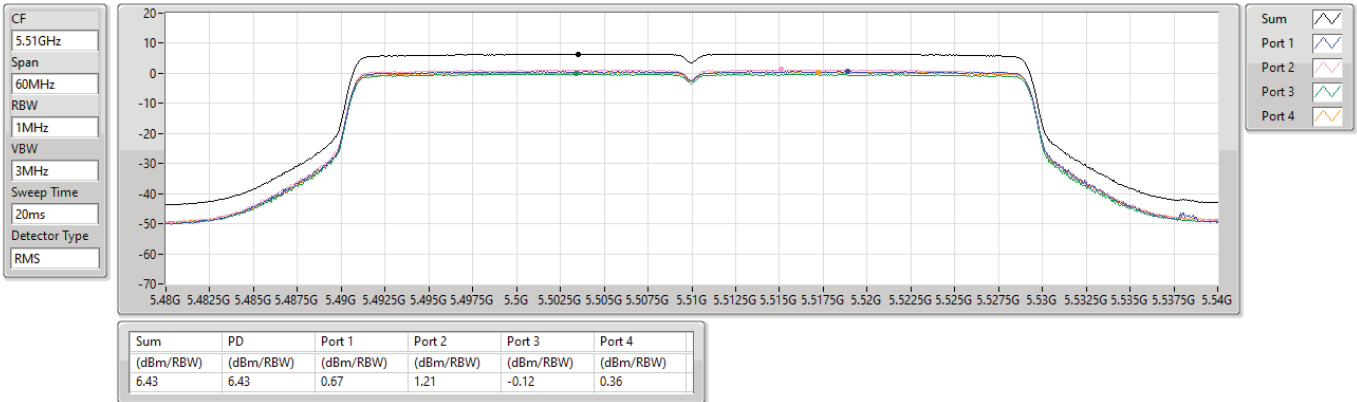


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

17/04/2023

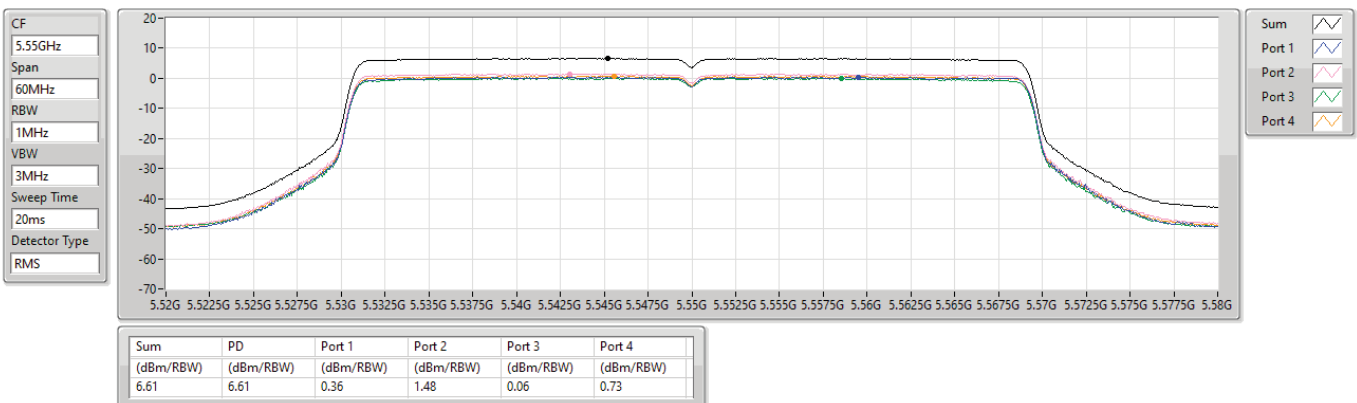


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

17/04/2023

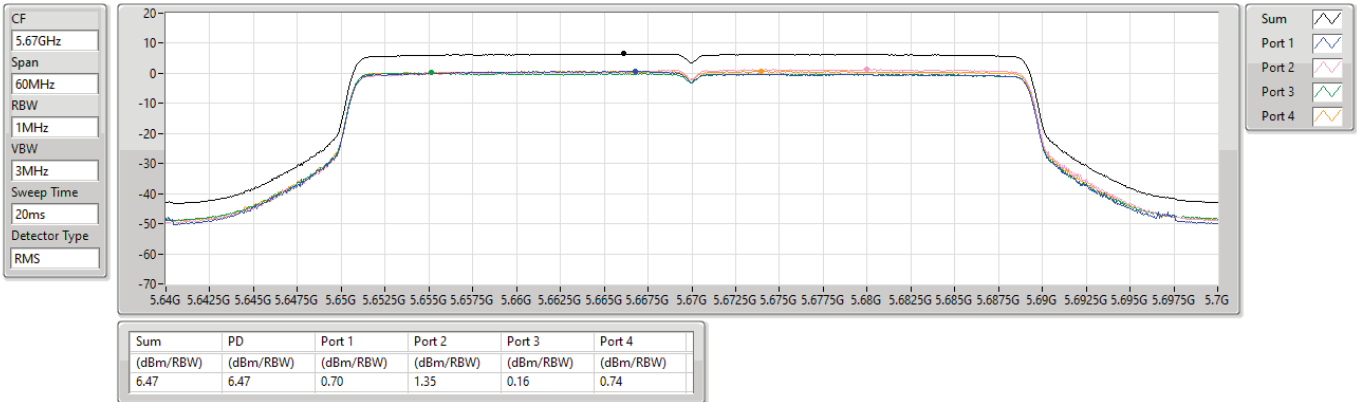


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

17/04/2023

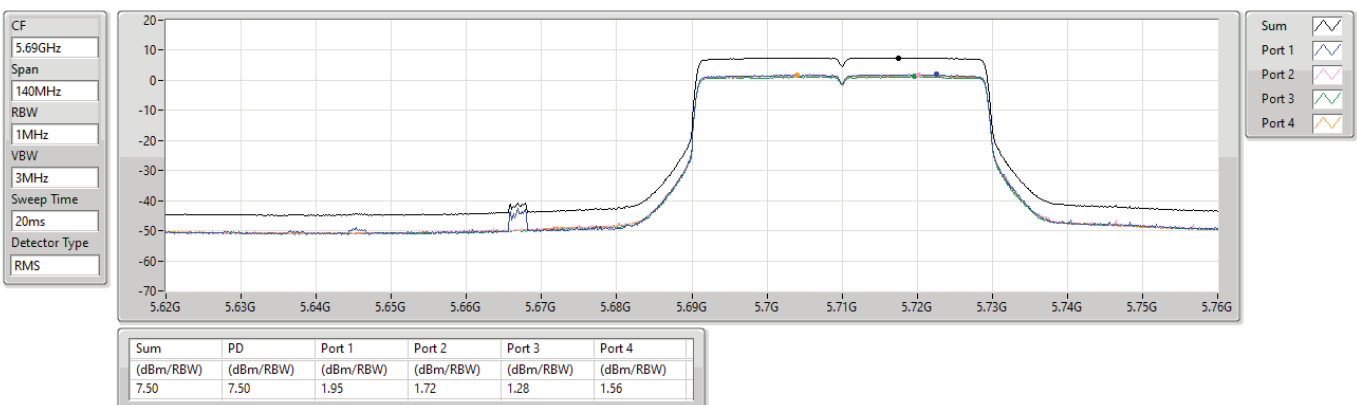


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

17/04/2023

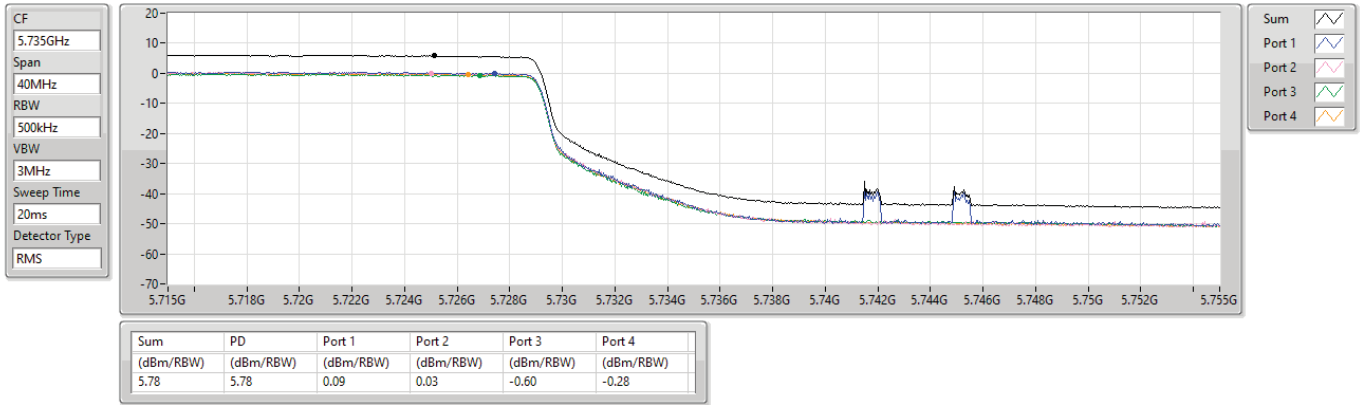


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

17/04/2023

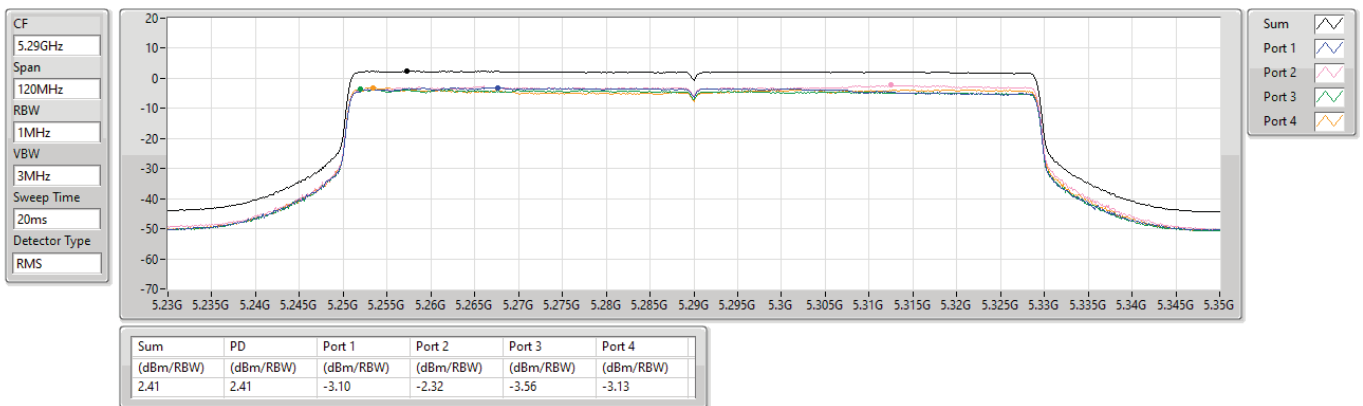


5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

17/04/2023

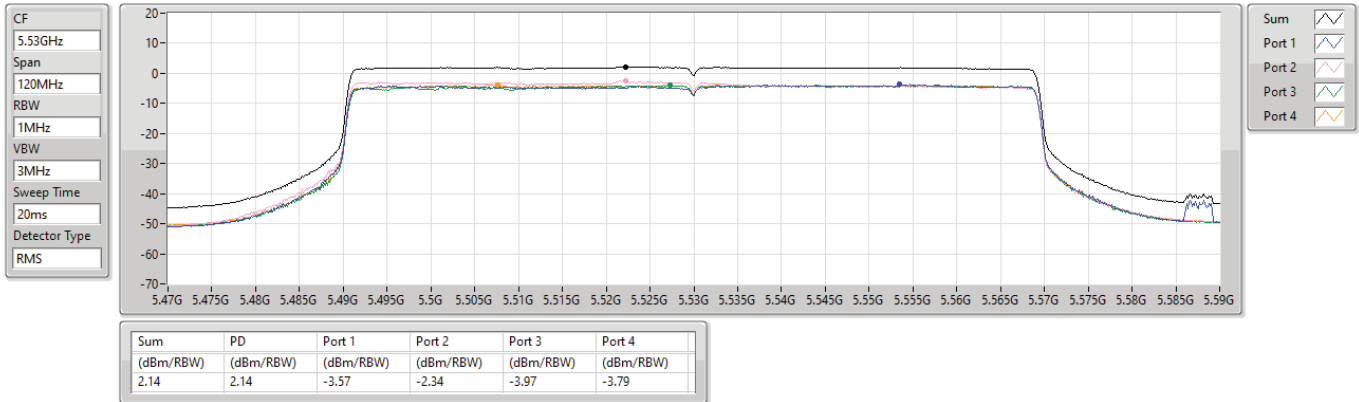


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

18/04/2023

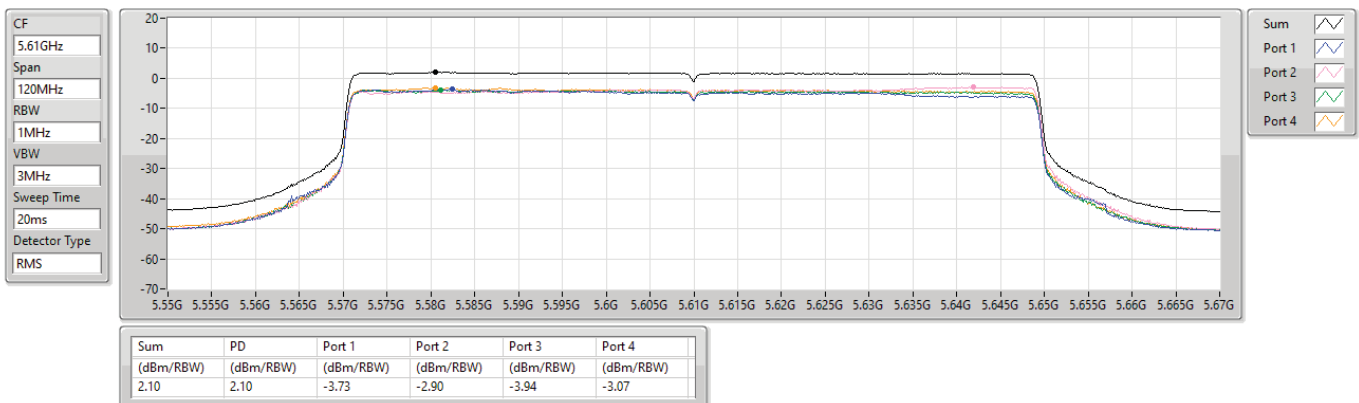


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

18/04/2023

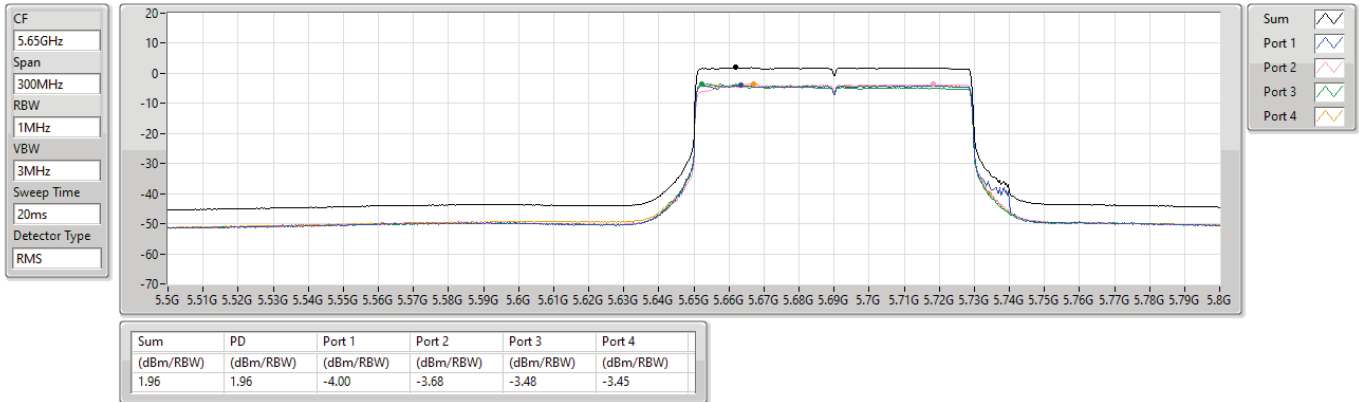


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/04/2023

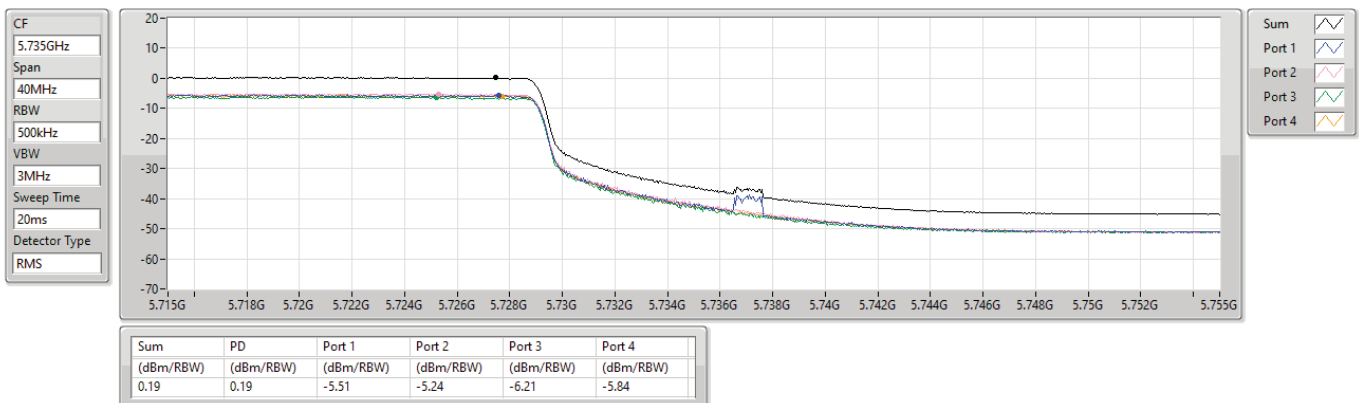


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/04/2023

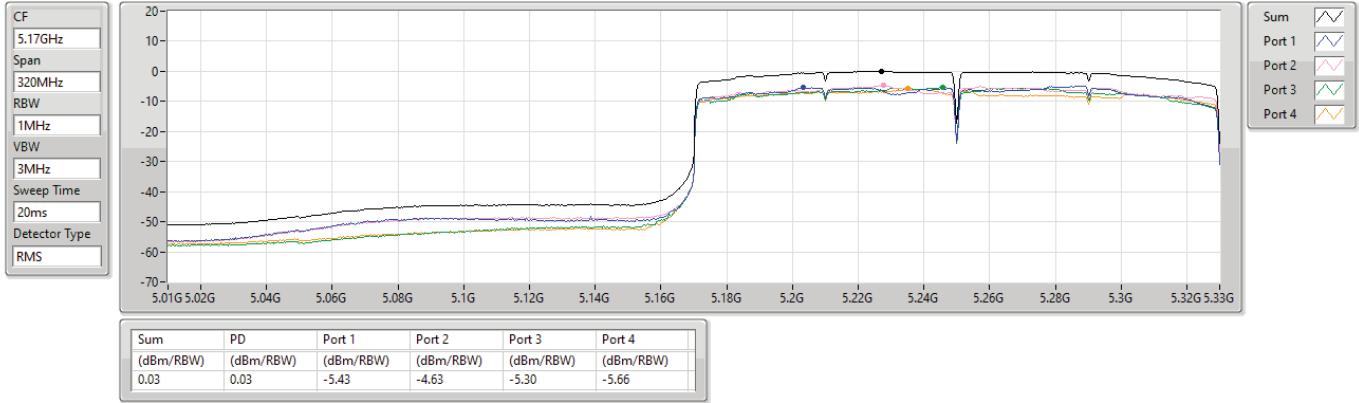


5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

13/02/2023

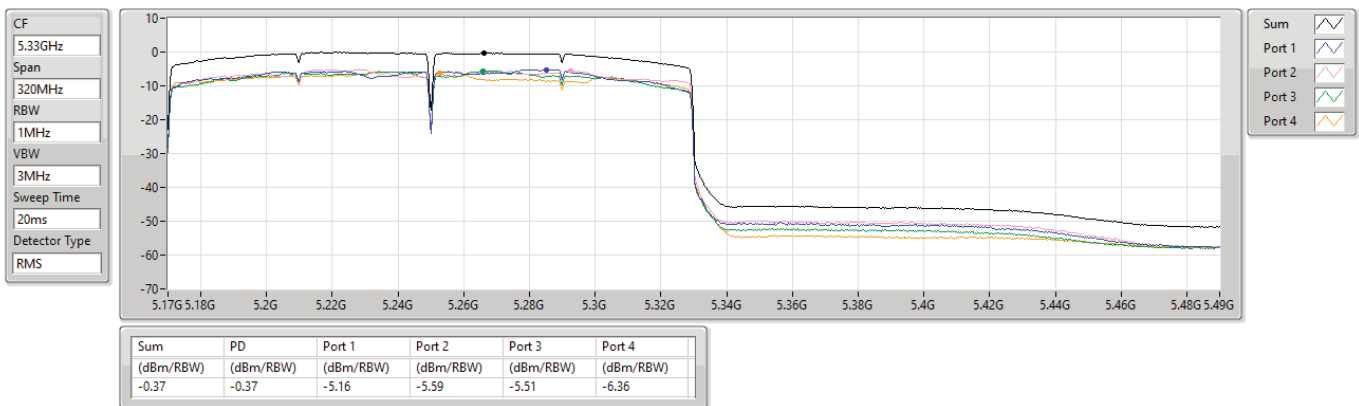


5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

13/02/2023



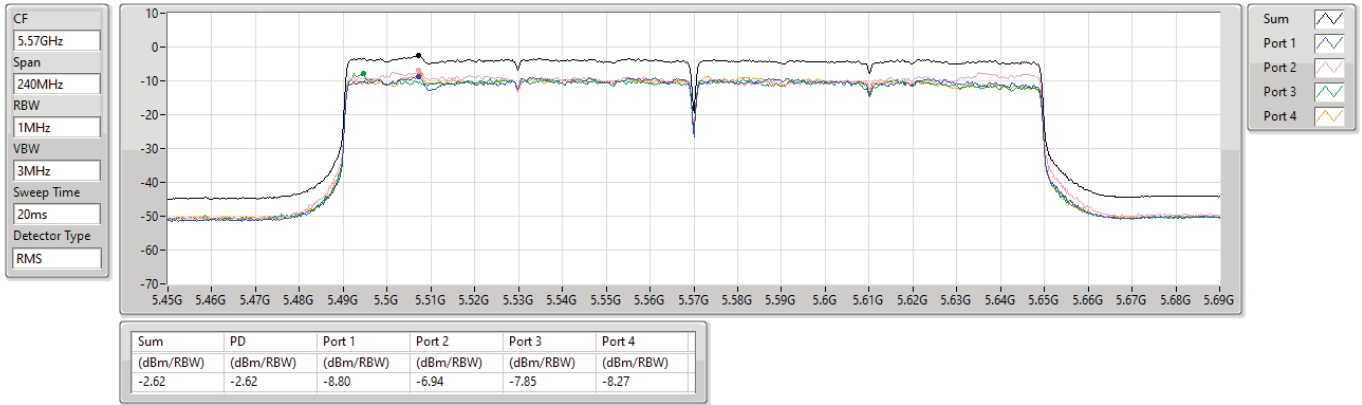


5.47-5.725GHz_802.11ax_HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

18/04/2023



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.35G	53.27	54.00	-0.73	3	Horizontal	17	2.79
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.3502G	52.64	54.00	-1.36	3	Horizontal	49	1.75
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.354G	53.27	54.00	-0.73	3	Horizontal	63	1.03
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.10	54.00	-0.90	3	Horizontal	56	2.81
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	PK	5.526G	67.99	68.20	-0.21	3	Horizontal	52	2.74
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.4696G	67.42	68.20	-0.78	3	Horizontal	43	2.18
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.7252G	67.61	68.20	-0.59	3	Horizontal	65	1.73
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.466G	67.64	68.20	-0.56	3	Horizontal	62	1.80
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.8532G	66.90	68.20	-1.30	3	Horizontal	53	1.00
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	PK	5.866G	65.51	68.20	-2.69	3	Horizontal	51	1.03

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1358G	47.25	54.00	-6.75	3	Vertical	330	1.45
5260MHz	Pass	AV	5.2594G	114.29	Inf	-Inf	3	Vertical	330	1.45
5260MHz	Pass	AV	5.3518G	46.80	54.00	-7.20	3	Vertical	330	1.45
5260MHz	Pass	PK	5.1382G	58.48	74.00	-15.52	3	Vertical	330	1.45
5260MHz	Pass	PK	5.2588G	121.86	Inf	-Inf	3	Vertical	330	1.45
5260MHz	Pass	PK	5.404G	57.74	74.00	-16.26	3	Vertical	330	1.45
5260MHz	Pass	AV	5.1418G	47.46	54.00	-6.54	3	Horizontal	353	1.50
5260MHz	Pass	AV	5.263G	115.10	Inf	-Inf	3	Horizontal	353	1.50
5260MHz	Pass	AV	5.353G	47.07	54.00	-6.93	3	Horizontal	353	1.50
5260MHz	Pass	PK	5.11G	58.65	74.00	-15.35	3	Horizontal	353	1.50
5260MHz	Pass	PK	5.2618G	123.24	Inf	-Inf	3	Horizontal	353	1.50
5260MHz	Pass	PK	5.3536G	58.78	74.00	-15.22	3	Horizontal	353	1.50
5260MHz	Pass	AV	15.77752G	46.18	54.00	-7.82	3	Vertical	219	1.58
5260MHz	Pass	PK	10.51236G	54.08	68.20	-14.12	3	Vertical	108	1.03
5260MHz	Pass	PK	15.77832G	56.45	74.00	-17.55	3	Vertical	219	1.58
5260MHz	Pass	AV	15.78616G	44.26	54.00	-9.74	3	Horizontal	203	2.01
5260MHz	Pass	PK	10.523G	56.00	68.20	-12.20	3	Horizontal	32	2.15
5260MHz	Pass	PK	15.78944G	57.06	74.00	-16.94	3	Horizontal	203	2.01
5300MHz	Pass	AV	5.2992G	112.17	Inf	-Inf	3	Vertical	329	1.45
5300MHz	Pass	AV	5.35G	53.09	54.00	-0.91	3	Vertical	329	1.45
5300MHz	Pass	PK	5.2984G	119.68	Inf	-Inf	3	Vertical	329	1.45
5300MHz	Pass	PK	5.352G	65.36	74.00	-8.64	3	Vertical	329	1.45
5300MHz	Pass	AV	5.2968G	114.71	Inf	-Inf	3	Horizontal	17	2.53
5300MHz	Pass	AV	5.3504G	53.19	54.00	-0.81	3	Horizontal	17	2.53
5300MHz	Pass	PK	5.2976G	122.15	Inf	-Inf	3	Horizontal	17	2.53
5300MHz	Pass	PK	5.3516G	65.72	74.00	-8.28	3	Horizontal	17	2.53
5300MHz	Pass	AV	15.8992G	44.74	54.00	-9.26	3	Vertical	140	2.41
5300MHz	Pass	PK	10.59432G	54.38	68.20	-13.82	3	Vertical	155	1.01
5300MHz	Pass	PK	15.90112G	55.05	74.00	-18.95	3	Vertical	140	2.41
5300MHz	Pass	AV	15.89952G	44.63	54.00	-9.37	3	Horizontal	344	1.90
5300MHz	Pass	PK	10.59792G	54.57	68.20	-13.63	3	Horizontal	360	1.47
5300MHz	Pass	PK	15.90984G	56.05	74.00	-17.95	3	Horizontal	344	1.90
5320MHz	Pass	AV	5.3182G	107.47	Inf	-Inf	3	Vertical	332	1.73
5320MHz	Pass	AV	5.3502G	49.91	54.00	-4.09	3	Vertical	332	1.73
5320MHz	Pass	PK	5.3174G	115.15	Inf	-Inf	3	Vertical	332	1.73
5320MHz	Pass	PK	5.35G	62.47	74.00	-11.53	3	Vertical	332	1.73
5320MHz	Pass	AV	5.3168G	110.83	Inf	-Inf	3	Horizontal	17	2.79
5320MHz	Pass	AV	5.35G	53.27	54.00	-0.73	3	Horizontal	17	2.79
5320MHz	Pass	PK	5.3166G	119.44	Inf	-Inf	3	Horizontal	17	2.79
5320MHz	Pass	PK	5.35G	64.97	74.00	-9.03	3	Horizontal	17	2.79
5320MHz	Pass	AV	10.64048G	42.44	54.00	-11.56	3	Vertical	81	1.05
5320MHz	Pass	AV	15.96536G	43.37	54.00	-10.63	3	Vertical	205	2.08
5320MHz	Pass	PK	10.64116G	53.24	74.00	-20.76	3	Vertical	81	1.05
5320MHz	Pass	PK	15.96556G	53.99	74.00	-20.01	3	Vertical	205	2.08
5320MHz	Pass	AV	10.64004G	42.72	54.00	-11.28	3	Horizontal	231	1.40
5320MHz	Pass	AV	15.95892G	43.20	54.00	-10.80	3	Horizontal	266	1.21
5320MHz	Pass	PK	10.64144G	54.31	74.00	-19.69	3	Horizontal	231	1.40
5320MHz	Pass	PK	15.96444G	54.39	74.00	-19.61	3	Horizontal	266	1.21
5500MHz	Pass	AV	5.4584G	48.47	54.00	-5.53	3	Vertical	334	1.50
5500MHz	Pass	AV	5.4988G	109.07	Inf	-Inf	3	Vertical	334	1.50
5500MHz	Pass	PK	5.4598G	61.74	74.00	-12.26	3	Vertical	334	1.50
5500MHz	Pass	PK	5.469G	62.30	68.20	-5.90	3	Vertical	334	1.50
5500MHz	Pass	PK	5.4988G	116.78	Inf	-Inf	3	Vertical	334	1.50
5500MHz	Pass	AV	5.4582G	52.12	54.00	-1.88	3	Horizontal	43	2.18
5500MHz	Pass	AV	5.4978G	113.60	Inf	-Inf	3	Horizontal	43	2.18
5500MHz	Pass	PK	5.46G	66.51	74.00	-7.49	3	Horizontal	43	2.18
5500MHz	Pass	PK	5.4696G	67.42	68.20	-0.78	3	Horizontal	43	2.18
5500MHz	Pass	PK	5.4982G	121.21	Inf	-Inf	3	Horizontal	43	2.18
5500MHz	Pass	AV	11.00052G	43.39	54.00	-10.61	3	Vertical	323	1.14
5500MHz	Pass	PK	11.00128G	53.85	74.00	-20.15	3	Vertical	323	1.14



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	16.50832G	55.77	68.20	-12.43	3	Vertical	250	2.25
5500MHz	Pass	AV	11.00312G	43.53	54.00	-10.47	3	Horizontal	43	2.05
5500MHz	Pass	PK	11.00224G	54.12	74.00	-19.88	3	Horizontal	43	2.05
5500MHz	Pass	PK	16.49644G	56.81	68.20	-11.39	3	Horizontal	132	2.60
5580MHz	Pass	AV	5.4426G	46.07	54.00	-7.93	3	Vertical	335	1.58
5580MHz	Pass	AV	5.5794G	113.41	Inf	-Inf	3	Vertical	335	1.58
5580MHz	Pass	PK	5.4444G	56.75	74.00	-17.25	3	Vertical	335	1.58
5580MHz	Pass	PK	5.4666G	56.68	68.20	-11.52	3	Vertical	335	1.58
5580MHz	Pass	PK	5.5782G	121.67	Inf	-Inf	3	Vertical	335	1.58
5580MHz	Pass	PK	5.727G	57.27	68.20	-10.93	3	Vertical	335	1.58
5580MHz	Pass	AV	5.4564G	46.75	54.00	-7.25	3	Horizontal	45	2.26
5580MHz	Pass	AV	5.577G	116.51	Inf	-Inf	3	Horizontal	45	2.26
5580MHz	Pass	PK	5.4558G	57.76	74.00	-16.24	3	Horizontal	45	2.26
5580MHz	Pass	PK	5.4618G	57.14	68.20	-11.06	3	Horizontal	45	2.26
5580MHz	Pass	PK	5.5776G	124.55	Inf	-Inf	3	Horizontal	45	2.26
5580MHz	Pass	PK	5.7276G	58.71	68.20	-9.49	3	Horizontal	45	2.26
5580MHz	Pass	AV	11.16364G	42.72	54.00	-11.28	3	Vertical	290	2.19
5580MHz	Pass	PK	11.15992G	54.10	74.00	-19.90	3	Vertical	290	2.19
5580MHz	Pass	PK	16.74184G	58.76	68.20	-9.44	3	Vertical	198	1.97
5580MHz	Pass	AV	11.15888G	42.98	54.00	-11.02	3	Horizontal	262	1.49
5580MHz	Pass	PK	11.15988G	54.19	74.00	-19.81	3	Horizontal	262	1.49
5580MHz	Pass	PK	16.74428G	64.62	68.20	-3.58	3	Horizontal	11	1.50
5700MHz	Pass	AV	5.6976G	107.89	Inf	-Inf	3	Vertical	342	1.50
5700MHz	Pass	PK	5.6968G	115.78	Inf	-Inf	3	Vertical	342	1.50
5700MHz	Pass	PK	5.7264G	63.81	68.20	-4.39	3	Vertical	342	1.50
5700MHz	Pass	AV	5.6972G	112.84	Inf	-Inf	3	Horizontal	41	1.84
5700MHz	Pass	PK	5.6964G	120.62	Inf	-Inf	3	Horizontal	41	1.84
5700MHz	Pass	PK	5.7252G	66.60	68.20	-1.60	3	Horizontal	41	1.84
5700MHz	Pass	AV	11.39652G	42.63	54.00	-11.37	3	Vertical	81	2.52
5700MHz	Pass	PK	11.40716G	53.48	74.00	-20.52	3	Vertical	81	2.52
5700MHz	Pass	PK	17.10972G	55.63	68.20	-12.57	3	Vertical	321	2.99
5700MHz	Pass	AV	11.40764G	42.87	54.00	-11.13	3	Horizontal	112	1.60
5700MHz	Pass	PK	11.40168G	54.25	74.00	-19.75	3	Horizontal	112	1.60
5700MHz	Pass	PK	17.1094G	56.09	68.20	-12.11	3	Horizontal	137	1.26
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.56	54.00	-8.44	3	Vertical	354	1.89
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	115.22	Inf	-Inf	3	Vertical	354	1.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4596G	56.48	74.00	-17.52	3	Vertical	354	1.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	55.60	68.20	-12.60	3	Vertical	354	1.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	123.10	Inf	-Inf	3	Vertical	354	1.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9288G	58.65	68.20	-9.55	3	Vertical	354	1.89
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4224G	45.79	54.00	-8.21	3	Horizontal	43	1.83
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	117.71	Inf	-Inf	3	Horizontal	43	1.83
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4488G	56.49	74.00	-17.51	3	Horizontal	43	1.83
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	55.22	68.20	-12.98	3	Horizontal	43	1.83
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	124.94	Inf	-Inf	3	Horizontal	43	1.83
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8568G	60.11	68.20	-8.09	3	Horizontal	43	1.83
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44468G	43.07	54.00	-10.93	3	Vertical	230	1.58
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4446G	53.89	74.00	-20.11	3	Vertical	230	1.58
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1552G	59.28	68.20	-8.92	3	Vertical	345	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44656G	42.94	54.00	-11.06	3	Horizontal	61	2.08
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44372G	54.21	74.00	-19.79	3	Horizontal	61	2.08
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15524G	65.47	68.20	-2.73	3	Horizontal	360	2.90
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1496G	48.02	54.00	-5.98	3	Vertical	331	1.62
5260MHz	Pass	AV	5.2588G	114.06	Inf	-Inf	3	Vertical	331	1.62
5260MHz	Pass	AV	5.35G	48.56	54.00	-5.44	3	Vertical	331	1.62
5260MHz	Pass	PK	5.149G	60.94	74.00	-13.06	3	Vertical	331	1.62
5260MHz	Pass	PK	5.2582G	123.37	Inf	-Inf	3	Vertical	331	1.62
5260MHz	Pass	PK	5.35G	62.66	74.00	-11.34	3	Vertical	331	1.62
5260MHz	Pass	AV	5.1496G	47.75	54.00	-6.25	3	Horizontal	324	1.72
5260MHz	Pass	AV	5.2654G	114.19	Inf	-Inf	3	Horizontal	324	1.72
5260MHz	Pass	AV	5.3554G	47.51	54.00	-6.49	3	Horizontal	324	1.72



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	5.1382G	59.19	74.00	-14.81	3	Horizontal	324	1.72
5260MHz	Pass	PK	5.266G	123.38	Inf	-Inf	3	Horizontal	324	1.72
5260MHz	Pass	PK	5.3542G	59.55	74.00	-14.45	3	Horizontal	324	1.72
5260MHz	Pass	AV	15.77668G	44.94	54.00	-9.06	3	Vertical	266	2.78
5260MHz	Pass	PK	10.52836G	55.05	68.20	-13.15	3	Vertical	184	1.70
5260MHz	Pass	PK	15.77844G	56.13	74.00	-17.87	3	Vertical	266	2.78
5260MHz	Pass	AV	15.79G	44.79	54.00	-9.21	3	Horizontal	102	1.69
5260MHz	Pass	PK	10.52296G	56.50	68.20	-11.70	3	Horizontal	28	2.18
5260MHz	Pass	PK	15.78864G	56.40	74.00	-17.60	3	Horizontal	102	1.69
5300MHz	Pass	AV	5.2988G	111.60	Inf	-Inf	3	Vertical	329	1.47
5300MHz	Pass	AV	5.3544G	52.27	54.00	-1.73	3	Vertical	329	1.47
5300MHz	Pass	PK	5.2988G	122.10	Inf	-Inf	3	Vertical	329	1.47
5300MHz	Pass	PK	5.3536G	64.74	74.00	-9.26	3	Vertical	329	1.47
5300MHz	Pass	AV	5.2952G	113.08	Inf	-Inf	3	Horizontal	37	1.02
5300MHz	Pass	AV	5.35G	52.12	54.00	-1.88	3	Horizontal	37	1.02
5300MHz	Pass	PK	5.2944G	123.52	Inf	-Inf	3	Horizontal	37	1.02
5300MHz	Pass	PK	5.35G	65.14	74.00	-8.86	3	Horizontal	37	1.02
5300MHz	Pass	AV	15.90488G	43.54	54.00	-10.46	3	Vertical	151	1.08
5300MHz	Pass	PK	10.59832G	53.69	68.20	-14.51	3	Vertical	340	2.54
5300MHz	Pass	PK	15.90656G	54.11	74.00	-19.89	3	Vertical	151	1.08
5300MHz	Pass	AV	15.89408G	43.90	54.00	-10.10	3	Horizontal	324	1.91
5300MHz	Pass	PK	10.59112G	54.01	68.20	-14.19	3	Horizontal	72	2.96
5300MHz	Pass	PK	15.90836G	54.66	74.00	-19.34	3	Horizontal	324	1.91
5320MHz	Pass	AV	5.3246G	108.07	Inf	-Inf	3	Vertical	333	2.64
5320MHz	Pass	AV	5.35G	52.18	54.00	-1.82	3	Vertical	333	2.64
5320MHz	Pass	PK	5.3234G	119.22	Inf	-Inf	3	Vertical	333	2.64
5320MHz	Pass	PK	5.3536G	65.57	74.00	-8.43	3	Vertical	333	2.64
5320MHz	Pass	AV	5.3254G	109.40	Inf	-Inf	3	Horizontal	49	1.75
5320MHz	Pass	AV	5.3502G	52.64	54.00	-1.36	3	Horizontal	49	1.75
5320MHz	Pass	PK	5.3256G	120.52	Inf	-Inf	3	Horizontal	49	1.75
5320MHz	Pass	PK	5.3512G	64.95	74.00	-9.05	3	Horizontal	49	1.75
5320MHz	Pass	AV	10.63668G	42.19	54.00	-11.81	3	Vertical	187	2.84
5320MHz	Pass	AV	15.96648G	42.90	54.00	-11.10	3	Vertical	278	1.95
5320MHz	Pass	PK	10.64272G	52.98	74.00	-21.02	3	Vertical	187	2.84
5320MHz	Pass	PK	15.95588G	54.32	74.00	-19.68	3	Vertical	278	1.95
5320MHz	Pass	AV	10.64108G	42.22	54.00	-11.78	3	Horizontal	177	1.92
5320MHz	Pass	AV	15.96396G	42.90	54.00	-11.10	3	Horizontal	360	1.03
5320MHz	Pass	PK	10.6424G	54.08	74.00	-19.92	3	Horizontal	177	1.92
5320MHz	Pass	PK	15.95732G	54.36	74.00	-19.64	3	Horizontal	360	1.03
5500MHz	Pass	AV	5.458G	46.07	54.00	-7.93	3	Vertical	333	2.44
5500MHz	Pass	AV	5.5046G	108.12	Inf	-Inf	3	Vertical	333	2.44
5500MHz	Pass	PK	5.4574G	57.94	74.00	-16.06	3	Vertical	333	2.44
5500MHz	Pass	PK	5.4652G	63.08	68.20	-5.12	3	Vertical	333	2.44
5500MHz	Pass	PK	5.5034G	119.16	Inf	-Inf	3	Vertical	333	2.44
5500MHz	Pass	AV	5.4564G	47.73	54.00	-6.27	3	Horizontal	53	1.77
5500MHz	Pass	AV	5.5044G	112.47	Inf	-Inf	3	Horizontal	53	1.77
5500MHz	Pass	PK	5.457G	61.10	74.00	-12.90	3	Horizontal	53	1.77
5500MHz	Pass	PK	5.4638G	66.87	68.20	-1.33	3	Horizontal	53	1.77
5500MHz	Pass	PK	5.5052G	123.30	Inf	-Inf	3	Horizontal	53	1.77
5500MHz	Pass	AV	11.0034G	42.64	54.00	-11.36	3	Vertical	327	1.73
5500MHz	Pass	PK	11.00616G	53.38	74.00	-20.62	3	Vertical	327	1.73
5500MHz	Pass	PK	16.49636G	55.29	68.20	-12.91	3	Vertical	294	2.16
5500MHz	Pass	AV	10.99332G	42.46	54.00	-11.54	3	Horizontal	237	1.82
5500MHz	Pass	PK	11.00744G	53.69	74.00	-20.31	3	Horizontal	237	1.82
5500MHz	Pass	PK	16.50992G	55.53	68.20	-12.67	3	Horizontal	280	2.72
5580MHz	Pass	AV	5.4366G	45.55	54.00	-8.45	3	Vertical	331	2.29
5580MHz	Pass	AV	5.5842G	113.88	Inf	-Inf	3	Vertical	331	2.29
5580MHz	Pass	PK	5.4324G	56.39	74.00	-17.61	3	Vertical	331	2.29
5580MHz	Pass	PK	5.4636G	56.22	68.20	-11.98	3	Vertical	331	2.29
5580MHz	Pass	PK	5.5842G	123.87	Inf	-Inf	3	Vertical	331	2.29
5580MHz	Pass	PK	5.7282G	57.20	68.20	-11.00	3	Vertical	331	2.29
5580MHz	Pass	AV	5.46G	47.31	54.00	-6.69	3	Horizontal	54	1.71



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	AV	5.5842G	116.64	Inf	-Inf	3	Horizontal	54	1.71
5580MHz	Pass	PK	5.4372G	58.06	74.00	-15.94	3	Horizontal	54	1.71
5580MHz	Pass	PK	5.4684G	59.24	68.20	-8.96	3	Horizontal	54	1.71
5580MHz	Pass	PK	5.5848G	125.97	Inf	-Inf	3	Horizontal	54	1.71
5580MHz	Pass	PK	5.7252G	59.51	68.20	-8.69	3	Horizontal	54	1.71
5580MHz	Pass	AV	11.16092G	44.54	54.00	-9.46	3	Vertical	25	1.45
5580MHz	Pass	PK	11.1602G	56.08	74.00	-17.92	3	Vertical	25	1.45
5580MHz	Pass	PK	16.74652G	62.91	68.20	-5.29	3	Vertical	1	1.48
5580MHz	Pass	AV	11.16464G	42.24	54.00	-11.76	3	Horizontal	312	1.78
5580MHz	Pass	PK	11.16924G	54.78	74.00	-19.22	3	Horizontal	312	1.78
5580MHz	Pass	PK	16.74164G	64.46	68.20	-3.74	3	Horizontal	16	1.45
5700MHz	Pass	AV	5.7048G	108.40	Inf	-Inf	3	Vertical	332	1.90
5700MHz	Pass	PK	5.7056G	119.03	Inf	-Inf	3	Vertical	332	1.90
5700MHz	Pass	PK	5.7256G	64.86	68.20	-3.34	3	Vertical	332	1.90
5700MHz	Pass	AV	5.7036G	111.79	Inf	-Inf	3	Horizontal	65	1.73
5700MHz	Pass	PK	5.7052G	121.97	Inf	-Inf	3	Horizontal	65	1.73
5700MHz	Pass	PK	5.7252G	67.61	68.20	-0.59	3	Horizontal	65	1.73
5700MHz	Pass	AV	11.4008G	42.48	54.00	-11.52	3	Vertical	19	1.50
5700MHz	Pass	PK	11.40056G	54.16	74.00	-19.84	3	Vertical	19	1.50
5700MHz	Pass	PK	17.09424G	56.08	68.20	-12.12	3	Vertical	178	1.50
5700MHz	Pass	AV	11.40688G	42.39	54.00	-11.61	3	Horizontal	278	1.17
5700MHz	Pass	PK	11.39972G	54.84	74.00	-19.16	3	Horizontal	278	1.17
5700MHz	Pass	PK	17.0904G	56.98	68.20	-11.22	3	Horizontal	216	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	45.24	54.00	-8.76	3	Vertical	334	1.82
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	114.54	Inf	-Inf	3	Vertical	334	1.82
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4476G	55.72	74.00	-18.28	3	Vertical	334	1.82
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	55.17	68.20	-13.03	3	Vertical	334	1.82
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	123.60	Inf	-Inf	3	Vertical	334	1.82
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	58.81	68.20	-9.39	3	Vertical	334	1.82
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4284G	45.41	54.00	-8.59	3	Horizontal	66	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	117.38	Inf	-Inf	3	Horizontal	66	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4248G	56.40	74.00	-17.60	3	Horizontal	66	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	55.65	68.20	-12.55	3	Horizontal	66	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	126.49	Inf	-Inf	3	Horizontal	66	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8544G	60.10	68.20	-8.10	3	Horizontal	66	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44136G	42.50	54.00	-11.50	3	Vertical	310	1.85
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43636G	53.96	74.00	-20.04	3	Vertical	310	1.85
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16376G	56.58	68.20	-11.62	3	Vertical	331	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43552G	42.51	54.00	-11.49	3	Horizontal	154	2.57
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44184G	54.23	74.00	-19.77	3	Horizontal	154	2.57
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15896G	56.36	68.20	-11.84	3	Horizontal	0	2.37
802.11ax HEW40_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2688G	107.86	Inf	-Inf	3	Vertical	336	1.47
5270MHz	Pass	AV	5.3576G	52.73	54.00	-1.27	3	Vertical	336	1.47
5270MHz	Pass	PK	5.2684G	118.76	Inf	-Inf	3	Vertical	336	1.47
5270MHz	Pass	PK	5.3596G	64.89	74.00	-9.11	3	Vertical	336	1.47
5270MHz	Pass	AV	5.2712G	108.42	Inf	-Inf	3	Horizontal	63	1.03
5270MHz	Pass	AV	5.354G	53.27	54.00	-0.73	3	Horizontal	63	1.03
5270MHz	Pass	PK	5.2712G	119.58	Inf	-Inf	3	Horizontal	63	1.03
5270MHz	Pass	PK	5.3536G	64.90	74.00	-9.10	3	Horizontal	63	1.03
5270MHz	Pass	AV	15.806G	44.14	54.00	-9.86	3	Vertical	49	1.81
5270MHz	Pass	PK	10.52528G	54.59	68.20	-13.61	3	Vertical	32	1.54
5270MHz	Pass	PK	15.80672G	56.00	74.00	-18.00	3	Vertical	49	1.81
5270MHz	Pass	AV	15.80352G	44.43	54.00	-9.57	3	Horizontal	308	1.48
5270MHz	Pass	PK	10.544G	55.15	68.20	-13.05	3	Horizontal	36	2.11
5270MHz	Pass	PK	15.81112G	56.50	74.00	-17.50	3	Horizontal	308	1.48
5310MHz	Pass	AV	5.3088G	103.09	Inf	-Inf	3	Vertical	337	1.39
5310MHz	Pass	AV	5.35G	51.77	54.00	-2.23	3	Vertical	337	1.39
5310MHz	Pass	PK	5.3088G	111.96	Inf	-Inf	3	Vertical	337	1.39
5310MHz	Pass	PK	5.3512G	63.94	74.00	-10.06	3	Vertical	337	1.39
5310MHz	Pass	AV	5.3068G	104.87	Inf	-Inf	3	Horizontal	347	1.80
5310MHz	Pass	AV	5.35G	53.19	54.00	-0.81	3	Horizontal	347	1.80



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	PK	5.308G	114.10	Inf	-Inf	3	Horizontal	347	1.80
5310MHz	Pass	PK	5.3532G	64.98	74.00	-9.02	3	Horizontal	347	1.80
5310MHz	Pass	AV	10.6284G	42.07	54.00	-11.93	3	Vertical	201	1.59
5310MHz	Pass	AV	15.91392G	43.21	54.00	-10.79	3	Vertical	231	1.64
5310MHz	Pass	PK	10.62128G	53.83	74.00	-20.17	3	Vertical	201	1.59
5310MHz	Pass	PK	15.9104G	54.71	74.00	-19.29	3	Vertical	231	1.64
5310MHz	Pass	AV	10.6036G	42.01	54.00	-11.99	3	Horizontal	53	1.03
5310MHz	Pass	AV	15.91416G	43.20	54.00	-10.80	3	Horizontal	137	1.00
5310MHz	Pass	PK	10.6124G	53.92	74.00	-20.08	3	Horizontal	53	1.03
5310MHz	Pass	PK	15.91728G	54.81	74.00	-19.19	3	Horizontal	137	1.00
5510MHz	Pass	AV	5.46G	46.88	54.00	-7.12	3	Vertical	333	2.26
5510MHz	Pass	AV	5.5152G	103.93	Inf	-Inf	3	Vertical	333	2.26
5510MHz	Pass	PK	5.4568G	59.29	74.00	-14.71	3	Vertical	333	2.26
5510MHz	Pass	PK	5.4676G	62.98	68.20	-5.22	3	Vertical	333	2.26
5510MHz	Pass	PK	5.5148G	114.06	Inf	-Inf	3	Vertical	333	2.26
5510MHz	Pass	AV	5.4552G	48.87	54.00	-5.13	3	Horizontal	60	1.74
5510MHz	Pass	AV	5.5144G	107.97	Inf	-Inf	3	Horizontal	60	1.74
5510MHz	Pass	PK	5.4552G	60.86	74.00	-13.14	3	Horizontal	60	1.74
5510MHz	Pass	PK	5.4668G	66.09	68.20	-2.11	3	Horizontal	60	1.74
5510MHz	Pass	PK	5.514G	118.11	Inf	-Inf	3	Horizontal	60	1.74
5510MHz	Pass	AV	11.01824G	43.04	54.00	-10.96	3	Vertical	29	1.50
5510MHz	Pass	PK	11.02408G	54.54	74.00	-19.46	3	Vertical	29	1.50
5510MHz	Pass	PK	16.53232G	56.23	68.20	-11.97	3	Vertical	251	1.50
5510MHz	Pass	AV	11.02608G	42.62	54.00	-11.38	3	Horizontal	253	1.08
5510MHz	Pass	PK	11.02816G	54.43	74.00	-19.57	3	Horizontal	253	1.08
5510MHz	Pass	PK	16.5328G	56.08	68.20	-12.12	3	Horizontal	274	2.86
5550MHz	Pass	AV	5.4552G	48.45	54.00	-5.55	3	Vertical	340	2.32
5550MHz	Pass	AV	5.5544G	107.94	Inf	-Inf	3	Vertical	340	2.32
5550MHz	Pass	PK	5.4556G	62.50	74.00	-11.50	3	Vertical	340	2.32
5550MHz	Pass	PK	5.466G	61.92	68.20	-6.28	3	Vertical	340	2.32
5550MHz	Pass	PK	5.5544G	117.46	Inf	-Inf	3	Vertical	340	2.32
5550MHz	Pass	AV	5.4552G	52.96	54.00	-1.04	3	Horizontal	62	1.80
5550MHz	Pass	AV	5.5544G	112.31	Inf	-Inf	3	Horizontal	62	1.80
5550MHz	Pass	PK	5.4532G	64.46	74.00	-9.54	3	Horizontal	62	1.80
5550MHz	Pass	PK	5.466G	67.64	68.20	-0.56	3	Horizontal	62	1.80
5550MHz	Pass	PK	5.5552G	122.80	Inf	-Inf	3	Horizontal	62	1.80
5550MHz	Pass	AV	11.08968G	43.89	54.00	-10.11	3	Vertical	28	1.50
5550MHz	Pass	PK	11.09184G	55.21	74.00	-18.79	3	Vertical	28	1.50
5550MHz	Pass	PK	16.65528G	57.77	68.20	-10.43	3	Vertical	2	1.50
5550MHz	Pass	AV	11.09856G	42.72	54.00	-11.28	3	Horizontal	72	1.50
5550MHz	Pass	PK	11.09472G	54.90	74.00	-19.10	3	Horizontal	72	1.50
5550MHz	Pass	PK	16.64632G	59.11	68.20	-9.09	3	Horizontal	0	2.66
5670MHz	Pass	AV	5.6754G	105.83	Inf	-Inf	3	Vertical	329	1.79
5670MHz	Pass	PK	5.6748G	117.05	Inf	-Inf	3	Vertical	329	1.79
5670MHz	Pass	PK	5.736G	62.12	68.20	-6.08	3	Vertical	329	1.79
5670MHz	Pass	AV	5.6736G	109.73	Inf	-Inf	3	Horizontal	67	1.65
5670MHz	Pass	PK	5.6736G	119.91	Inf	-Inf	3	Horizontal	67	1.65
5670MHz	Pass	PK	5.7342G	67.05	68.20	-1.15	3	Horizontal	67	1.65
5670MHz	Pass	AV	11.32632G	42.06	54.00	-11.94	3	Vertical	162	2.18
5670MHz	Pass	PK	11.33792G	54.99	74.00	-19.01	3	Vertical	162	2.18
5670MHz	Pass	PK	17.01016G	55.96	68.20	-12.24	3	Vertical	322	1.49
5670MHz	Pass	AV	11.3372G	42.12	54.00	-11.88	3	Horizontal	12	2.61
5670MHz	Pass	PK	11.32416G	53.93	74.00	-20.07	3	Horizontal	12	2.61
5670MHz	Pass	PK	17.00224G	55.37	68.20	-12.83	3	Horizontal	231	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	45.21	54.00	-8.79	3	Vertical	329	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7148G	111.12	Inf	-Inf	3	Vertical	329	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4232G	56.10	74.00	-17.90	3	Vertical	329	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.47G	55.40	68.20	-12.80	3	Vertical	329	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7148G	122.35	Inf	-Inf	3	Vertical	329	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.854G	62.12	68.20	-6.08	3	Vertical	329	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4316G	45.70	54.00	-8.30	3	Horizontal	57	1.07
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	115.07	Inf	-Inf	3	Horizontal	57	1.07



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4124G	56.73	74.00	-17.27	3	Horizontal	57	1.07
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.47G	56.32	68.20	-11.88	3	Horizontal	57	1.07
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7124G	124.45	Inf	-Inf	3	Horizontal	57	1.07
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8612G	66.01	68.20	-2.19	3	Horizontal	57	1.07
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42032G	43.30	54.00	-10.70	3	Vertical	31	1.47
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42272G	54.48	74.00	-19.52	3	Vertical	31	1.47
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13776G	58.46	68.20	-9.74	3	Vertical	14	1.66
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4196G	42.79	54.00	-11.21	3	Horizontal	302	1.56
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.43312G	54.30	74.00	-19.70	3	Horizontal	302	1.56
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12656G	61.27	68.20	-6.93	3	Horizontal	6	2.90
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.061G	46.27	54.00	-7.73	3	Vertical	324	2.56
5290MHz	Pass	AV	5.296G	98.18	Inf	-Inf	3	Vertical	324	2.56
5290MHz	Pass	AV	5.365G	48.47	54.00	-5.53	3	Vertical	324	2.56
5290MHz	Pass	PK	5.062G	57.51	74.00	-16.49	3	Vertical	324	2.56
5290MHz	Pass	PK	5.296G	109.41	Inf	-Inf	3	Vertical	324	2.56
5290MHz	Pass	PK	5.364G	59.40	74.00	-14.60	3	Vertical	324	2.56
5290MHz	Pass	PK	5.519G	56.56	68.20	-11.64	3	Vertical	324	2.56
5290MHz	Pass	AV	5.119G	46.34	54.00	-7.66	3	Horizontal	56	2.81
5290MHz	Pass	AV	5.281G	99.95	Inf	-Inf	3	Horizontal	56	2.81
5290MHz	Pass	AV	5.35G	53.10	54.00	-0.90	3	Horizontal	56	2.81
5290MHz	Pass	PK	5.136G	58.03	74.00	-15.97	3	Horizontal	56	2.81
5290MHz	Pass	PK	5.299G	109.89	Inf	-Inf	3	Horizontal	56	2.81
5290MHz	Pass	PK	5.35G	63.79	74.00	-10.21	3	Horizontal	56	2.81
5290MHz	Pass	PK	5.527G	56.47	68.20	-11.73	3	Horizontal	56	2.81
5290MHz	Pass	AV	15.86828G	43.16	54.00	-10.84	3	Vertical	192	2.14
5290MHz	Pass	PK	10.58206G	53.84	68.20	-14.36	3	Vertical	67	2.30
5290MHz	Pass	PK	15.87354G	55.11	74.00	-18.89	3	Vertical	192	2.14
5290MHz	Pass	AV	15.8654G	43.01	54.00	-10.99	3	Horizontal	321	2.39
5290MHz	Pass	PK	10.5794G	54.18	68.20	-14.02	3	Horizontal	249	1.10
5290MHz	Pass	PK	15.8656G	53.89	74.00	-20.11	3	Horizontal	321	2.39
5530MHz	Pass	AV	5.35G	44.89	54.00	-9.11	3	Vertical	324	2.54
5530MHz	Pass	AV	5.453G	48.99	54.00	-5.01	3	Vertical	324	2.54
5530MHz	Pass	AV	5.515G	100.89	Inf	-Inf	3	Vertical	324	2.54
5530MHz	Pass	PK	5.344G	56.29	68.20	-11.91	3	Vertical	324	2.54
5530MHz	Pass	PK	5.458G	60.42	74.00	-13.58	3	Vertical	324	2.54
5530MHz	Pass	PK	5.469G	62.20	68.20	-6.00	3	Vertical	324	2.54
5530MHz	Pass	PK	5.515G	112.45	Inf	-Inf	3	Vertical	324	2.54
5530MHz	Pass	PK	5.739G	57.70	68.20	-10.50	3	Vertical	324	2.54
5530MHz	Pass	AV	5.35G	45.42	54.00	-8.58	3	Horizontal	50	1.13
5530MHz	Pass	AV	5.453G	51.86	54.00	-2.14	3	Horizontal	50	1.13
5530MHz	Pass	AV	5.534G	104.75	Inf	-Inf	3	Horizontal	50	1.13
5530MHz	Pass	PK	5.333G	56.24	68.20	-11.96	3	Horizontal	50	1.13
5530MHz	Pass	PK	5.444G	64.42	74.00	-9.58	3	Horizontal	50	1.13
5530MHz	Pass	PK	5.465G	66.39	68.20	-1.81	3	Horizontal	50	1.13
5530MHz	Pass	PK	5.514G	114.85	Inf	-Inf	3	Horizontal	50	1.13
5530MHz	Pass	PK	5.76G	57.73	68.20	-10.47	3	Horizontal	50	1.13
5530MHz	Pass	AV	11.0613G	42.57	54.00	-11.43	3	Vertical	150	1.35
5530MHz	Pass	PK	11.05824G	54.93	74.00	-19.07	3	Vertical	150	1.35
5530MHz	Pass	PK	16.59474G	56.69	68.20	-11.51	3	Vertical	25	1.58
5530MHz	Pass	AV	11.06424G	42.60	54.00	-11.40	3	Horizontal	161	2.07
5530MHz	Pass	PK	11.06412G	55.00	74.00	-19.00	3	Horizontal	161	2.07
5530MHz	Pass	PK	16.58524G	56.13	68.20	-12.07	3	Horizontal	235	2.86
5610MHz	Pass	AV	5.445G	45.87	54.00	-8.13	3	Vertical	340	2.95
5610MHz	Pass	AV	5.605G	102.00	Inf	-Inf	3	Vertical	340	2.95
5610MHz	Pass	PK	5.445G	57.23	74.00	-16.77	3	Vertical	340	2.95
5610MHz	Pass	PK	5.463G	57.70	68.20	-10.50	3	Vertical	340	2.95
5610MHz	Pass	PK	5.604G	111.77	Inf	-Inf	3	Vertical	340	2.95
5610MHz	Pass	PK	5.725G	62.84	68.20	-5.36	3	Vertical	340	2.95
5610MHz	Pass	AV	5.454G	47.75	54.00	-6.25	3	Horizontal	54	1.04
5610MHz	Pass	AV	5.613G	107.30	Inf	-Inf	3	Horizontal	54	1.04
5610MHz	Pass	PK	5.455G	57.88	74.00	-16.12	3	Horizontal	54	1.04



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5610MHz	Pass	PK	5.47G	58.32	68.20	-9.88	3	Horizontal	54	1.04
5610MHz	Pass	PK	5.634G	117.19	Inf	-Inf	3	Horizontal	54	1.04
5610MHz	Pass	PK	5.732G	65.96	68.20	-2.24	3	Horizontal	54	1.04
5610MHz	Pass	AV	11.21584G	42.20	54.00	-11.80	3	Vertical	220	1.95
5610MHz	Pass	PK	11.21872G	54.14	74.00	-19.86	3	Vertical	220	1.95
5610MHz	Pass	PK	16.83394G	55.11	68.20	-13.09	3	Vertical	254	2.42
5610MHz	Pass	AV	11.22032G	42.18	54.00	-11.82	3	Horizontal	283	2.82
5610MHz	Pass	PK	11.2176G	54.18	74.00	-19.82	3	Horizontal	283	2.82
5610MHz	Pass	PK	16.83004G	55.34	68.20	-12.86	3	Horizontal	185	2.77
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4356G	45.34	54.00	-8.66	3	Vertical	324	2.20
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6948G	105.09	Inf	-Inf	3	Vertical	324	2.20
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4476G	56.36	74.00	-17.64	3	Vertical	324	2.20
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	56.28	68.20	-11.92	3	Vertical	324	2.20
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6948G	115.62	Inf	-Inf	3	Vertical	324	2.20
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8568G	62.12	68.20	-6.08	3	Vertical	324	2.20
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4524G	46.17	54.00	-7.83	3	Horizontal	53	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6924G	109.04	Inf	-Inf	3	Horizontal	53	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.42G	56.89	74.00	-17.11	3	Horizontal	53	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	58.08	68.20	-10.12	3	Horizontal	53	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6924G	119.02	Inf	-Inf	3	Horizontal	53	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	66.90	68.20	-1.30	3	Horizontal	53	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38154G	41.97	54.00	-12.03	3	Vertical	294	2.43
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3782G	53.90	74.00	-20.10	3	Vertical	294	2.43
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.0728G	55.39	68.20	-12.81	3	Vertical	292	1.25
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37662G	42.01	54.00	-11.99	3	Horizontal	78	2.35
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38314G	53.88	74.00	-20.12	3	Horizontal	78	2.35
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06568G	55.19	68.20	-13.01	3	Horizontal	355	2.68
802.11ax HEW160_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.138G	50.63	54.00	-3.37	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.208G	94.10	Inf	-Inf	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.358G	47.09	54.00	-6.91	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.138G	62.26	74.00	-11.74	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.208G	105.46	Inf	-Inf	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.378G	59.02	74.00	-14.98	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.54G	65.44	68.20	-2.76	3	Vertical	323	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.11G	51.60	54.00	-2.40	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.22G	95.68	Inf	-Inf	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.35G	49.36	54.00	-4.64	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.108G	63.18	74.00	-10.82	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.22G	106.57	Inf	-Inf	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.35G	60.81	74.00	-13.19	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.526G	67.99	68.20	-0.21	3	Horizontal	52	2.74
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.74562G	43.22	54.00	-10.78	3	Vertical	131	1.76
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.49902G	53.32	68.20	-14.88	3	Vertical	131	2.39
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.74502G	52.96	74.00	-21.04	3	Vertical	131	1.76
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.75402G	43.21	54.00	-10.79	3	Horizontal	267	1.05
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.4999G	54.06	68.20	-14.14	3	Horizontal	7	1.23
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.74746G	54.33	74.00	-19.67	3	Horizontal	267	1.05
5570MHz	Pass	AV	5.09G	45.93	54.00	-8.07	3	Vertical	323	2.42
5570MHz	Pass	AV	5.456G	46.20	54.00	-7.80	3	Vertical	323	2.42
5570MHz	Pass	AV	5.556G	89.65	Inf	-Inf	3	Vertical	323	2.42
5570MHz	Pass	PK	5.28G	58.36	68.20	-9.84	3	Vertical	323	2.42
5570MHz	Pass	PK	5.456G	57.51	74.00	-16.49	3	Vertical	323	2.42
5570MHz	Pass	PK	5.468G	56.98	68.20	-11.22	3	Vertical	323	2.42
5570MHz	Pass	PK	5.556G	101.00	Inf	-Inf	3	Vertical	323	2.42
5570MHz	Pass	PK	5.87G	62.03	68.20	-6.17	3	Vertical	323	2.42
5570MHz	Pass	AV	5.082G	45.96	54.00	-8.04	3	Horizontal	51	1.03
5570MHz	Pass	AV	5.454G	46.56	54.00	-7.44	3	Horizontal	51	1.03
5570MHz	Pass	AV	5.594G	92.84	Inf	-Inf	3	Horizontal	51	1.03
5570MHz	Pass	PK	5.272G	64.30	68.20	-3.90	3	Horizontal	51	1.03
5570MHz	Pass	PK	5.432G	58.46	74.00	-15.54	3	Horizontal	51	1.03
5570MHz	Pass	PK	5.466G	57.07	68.20	-11.13	3	Horizontal	51	1.03



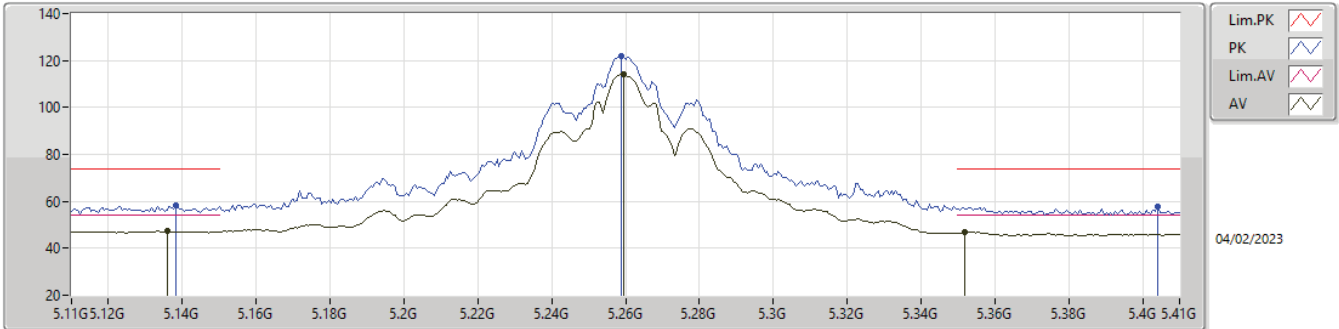
RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.592G	104.55	Inf	-Inf	3	Horizontal	51	1.03
5570MHz	Pass	PK	5.866G	65.51	68.20	-2.69	3	Horizontal	51	1.03
5570MHz	Pass	AV	11.13518G	42.39	54.00	-11.61	3	Vertical	343	1.37
5570MHz	Pass	PK	11.14056G	52.96	74.00	-21.04	3	Vertical	343	1.37
5570MHz	Pass	PK	16.70912G	53.20	68.20	-15.00	3	Vertical	259	2.66
5570MHz	Pass	AV	11.13804G	42.41	54.00	-11.59	3	Horizontal	244	1.81
5570MHz	Pass	PK	11.13922G	52.93	74.00	-21.07	3	Horizontal	244	1.81
5570MHz	Pass	PK	16.71486G	52.96	68.20	-15.24	3	Horizontal	198	2.26

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

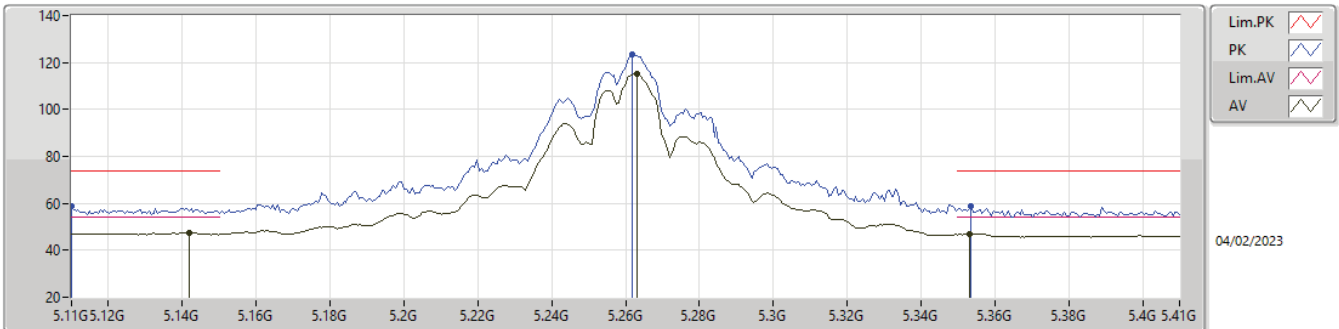
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1358G	47.25	54.00	-6.75	4.23	3	Vertical	330	1.45	43.02	33.00	5.85	34.62
AV	5.2594G	114.29	Inf	-Inf	4.39	3	Vertical	330	1.45	109.90	33.08	5.91	34.60
AV	5.3518G	46.80	54.00	-7.20	4.28	3	Vertical	330	1.45	42.52	32.90	5.96	34.58
PK	5.1382G	58.48	74.00	-15.52	4.23	3	Vertical	330	1.45	54.25	33.00	5.85	34.62
PK	5.2588G	121.86	Inf	-Inf	4.39	3	Vertical	330	1.45	117.47	33.08	5.91	34.60
PK	5.404G	57.74	74.00	-16.26	4.40	3	Vertical	330	1.45	53.34	32.99	5.99	34.58

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

5260MHz_TX

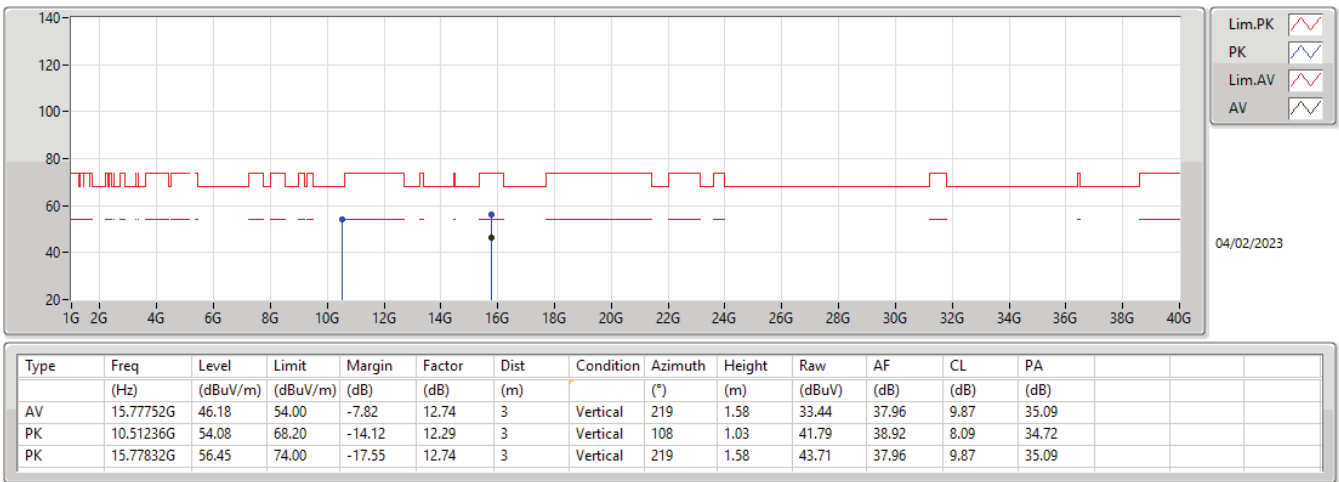


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1418G	47.46	54.00	-6.54	4.23	3	Horizontal	353	1.50	43.23	33.00	5.85	34.62
AV	5.263G	115.10	Inf	-Inf	4.38	3	Horizontal	353	1.50	110.72	33.07	5.91	34.60
AV	5.353G	47.07	54.00	-6.93	4.29	3	Horizontal	353	1.50	42.78	32.91	5.96	34.58
PK	5.11G	58.65	74.00	-15.35	4.22	3	Horizontal	353	1.50	54.43	33.00	5.84	34.62
PK	5.2618G	123.24	Inf	-Inf	4.39	3	Horizontal	353	1.50	118.85	33.08	5.91	34.60
PK	5.3536G	58.78	74.00	-15.22	4.29	3	Horizontal	353	1.50	54.49	32.91	5.96	34.58



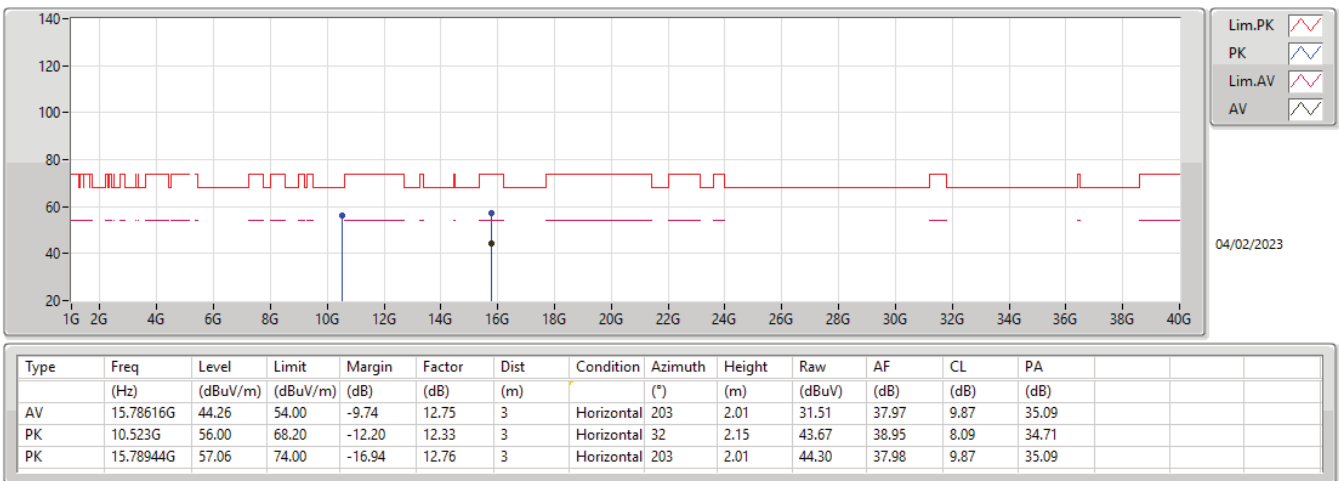
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX



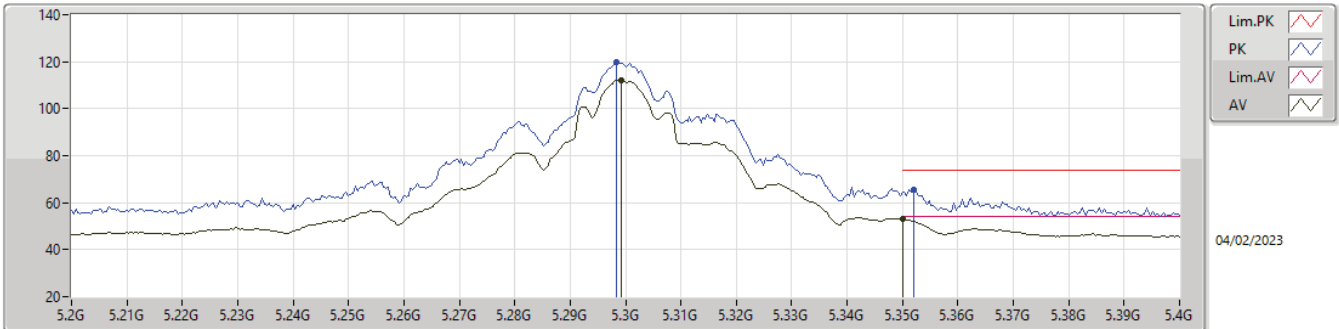
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX



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

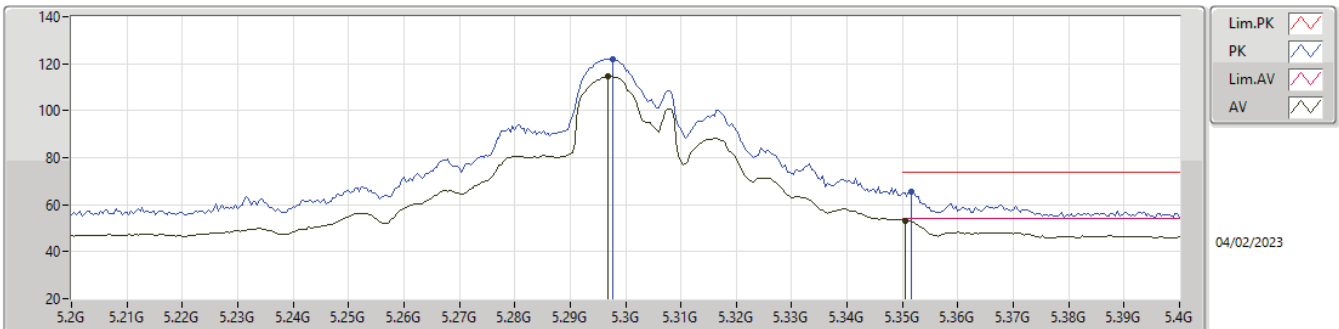
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	112.17	Inf	-Inf	4.34	3	Vertical	329	1.45	107.83	33.00	5.93	34.59
AV	5.35G	53.09	54.00	-0.91	4.28	3	Vertical	329	1.45	48.81	32.90	5.96	34.58
PK	5.2984G	119.68	Inf	-Inf	4.34	3	Vertical	329	1.45	115.34	33.00	5.93	34.59
PK	5.352G	65.36	74.00	-8.64	4.28	3	Vertical	329	1.45	61.08	32.90	5.96	34.58

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

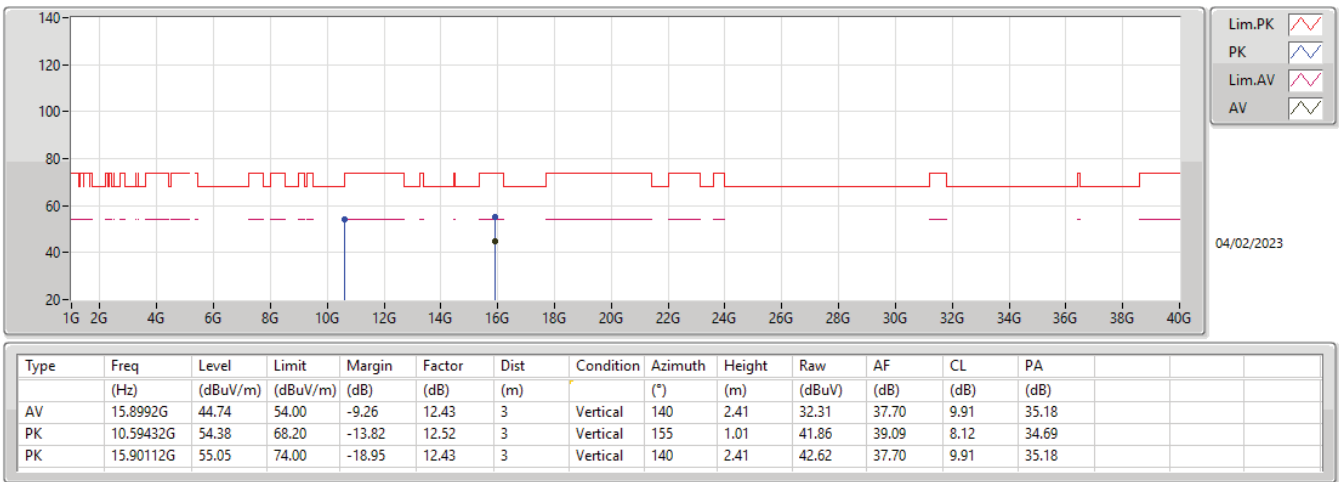
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.2968G	114.71	Inf	-Inf	4.35	3	Horizontal	17	2.53	110.36	33.01	5.93	34.59
AV	5.3504G	53.19	54.00	-0.81	4.28	3	Horizontal	17	2.53	48.91	32.90	5.96	34.58
PK	5.2976G	122.15	Inf	-Inf	4.34	3	Horizontal	17	2.53	117.81	33.00	5.93	34.59
PK	5.3516G	65.72	74.00	-8.28	4.28	3	Horizontal	17	2.53	61.44	32.90	5.96	34.58

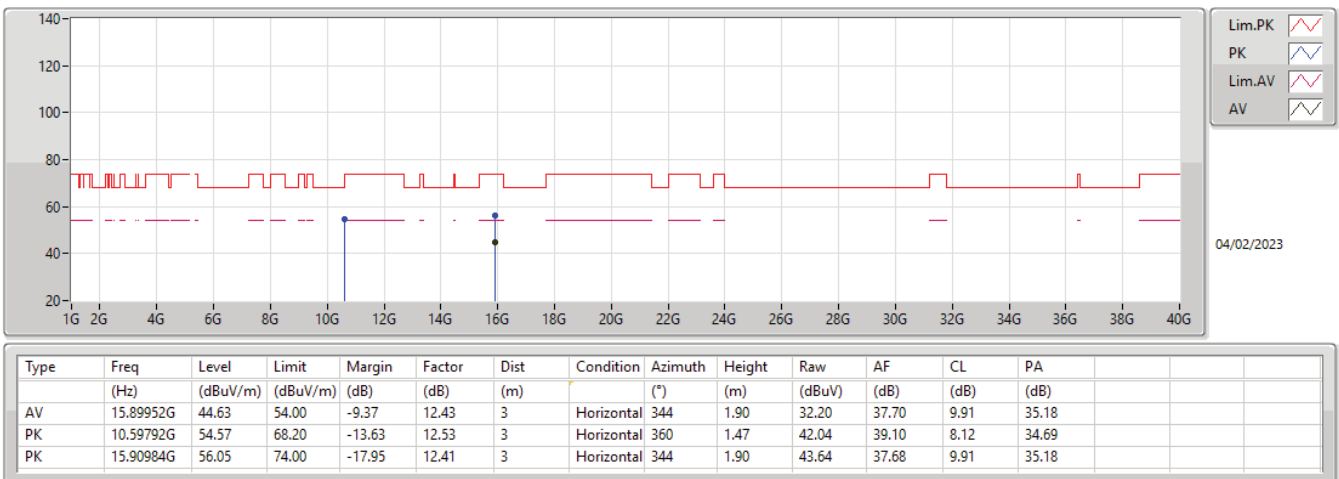
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX



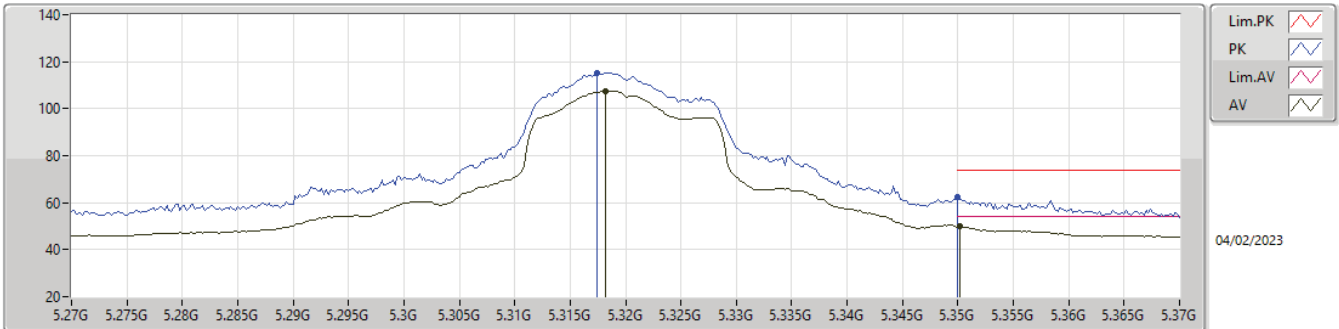
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX



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

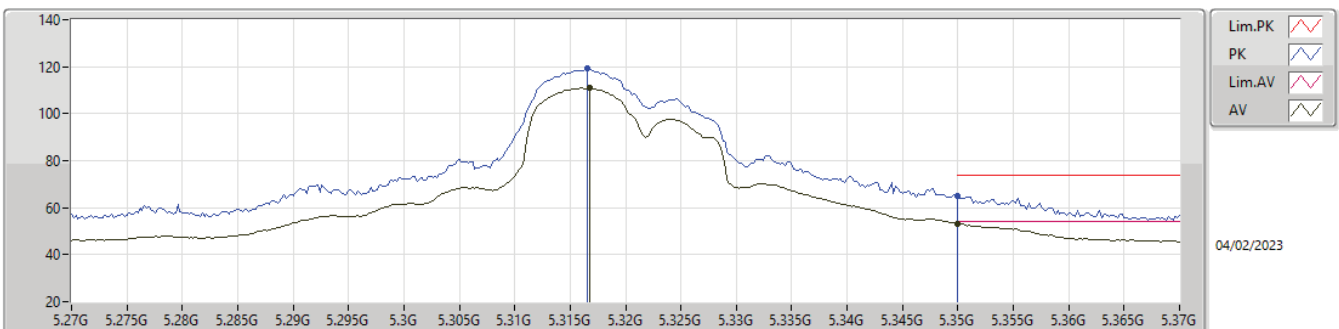
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3182G	107.47	Inf	-Inf	4.32	3	Vertical	332	1.73	103.15	32.96	5.95	34.59
AV	5.3502G	49.91	54.00	-4.09	4.28	3	Vertical	332	1.73	45.63	32.90	5.96	34.58
PK	5.3174G	115.15	Inf	-Inf	4.32	3	Vertical	332	1.73	110.83	32.97	5.94	34.59
PK	5.35G	62.47	74.00	-11.53	4.28	3	Vertical	332	1.73	58.19	32.90	5.96	34.58

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

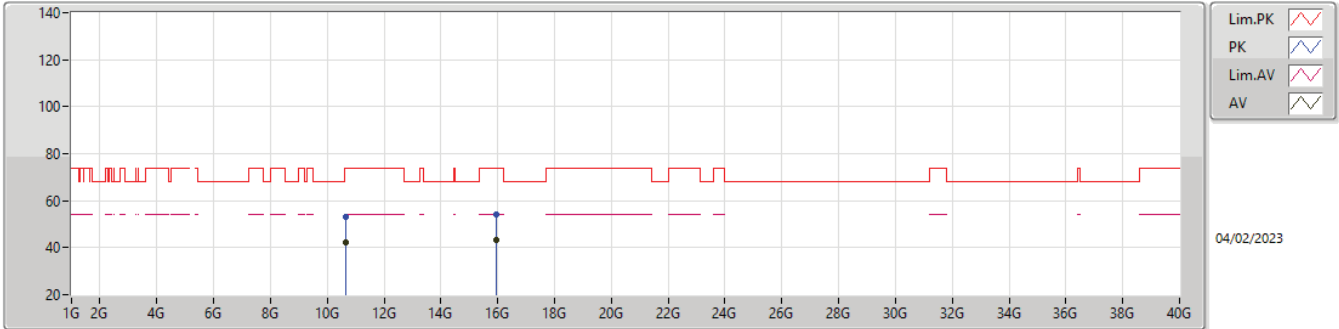
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3168G	110.83	Inf	-Inf	4.32	3	Horizontal	17	2.79	106.51	32.97	5.94	34.59
AV	5.35G	53.27	54.00	-0.73	4.28	3	Horizontal	17	2.79	48.99	32.90	5.96	34.58
PK	5.3166G	119.44	Inf	-Inf	4.32	3	Horizontal	17	2.79	115.12	32.97	5.94	34.59
PK	5.35G	64.97	74.00	-9.03	4.28	3	Horizontal	17	2.79	60.69	32.90	5.96	34.58

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

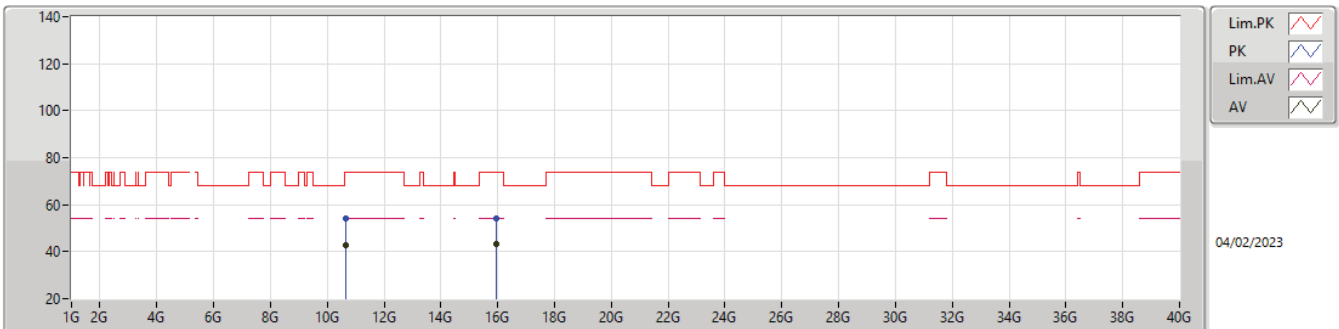
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64048G	42.44	54.00	-11.56	12.60	3	Vertical	81	1.05	29.84	39.14	8.14	34.68
AV	15.96536G	43.37	54.00	-10.63	12.28	3	Vertical	205	2.08	31.09	37.57	9.93	35.22
PK	10.64116G	53.24	74.00	-20.76	12.60	3	Vertical	81	1.05	40.64	39.14	8.14	34.68
PK	15.96556G	53.99	74.00	-20.01	12.28	3	Vertical	205	2.08	41.71	37.57	9.93	35.22

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

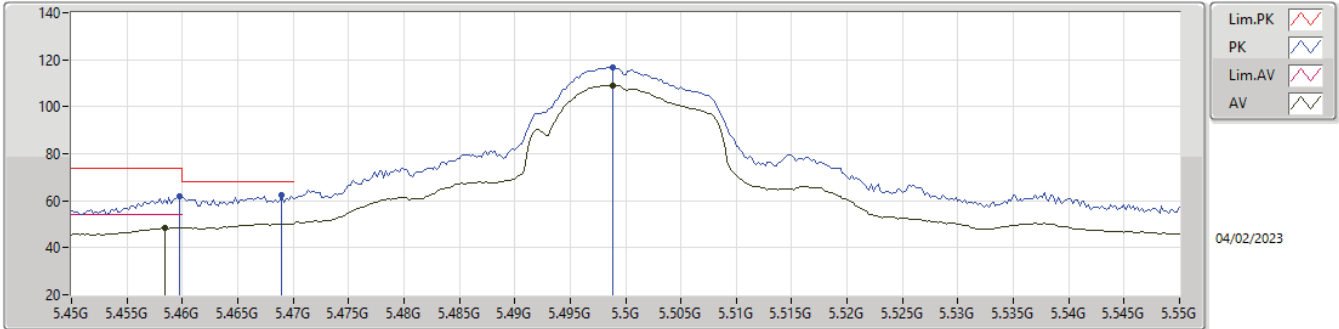
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64004G	42.72	54.00	-11.28	12.60	3	Horizontal	231	1.40	30.12	39.14	8.14	34.68
AV	15.95892G	43.20	54.00	-10.80	12.29	3	Horizontal	266	1.21	30.91	37.58	9.93	35.22
PK	10.64144G	54.31	74.00	-19.69	12.60	3	Horizontal	231	1.40	41.71	39.14	8.14	34.68
PK	15.96444G	54.39	74.00	-19.61	12.28	3	Horizontal	266	1.21	42.11	37.57	9.93	35.22

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

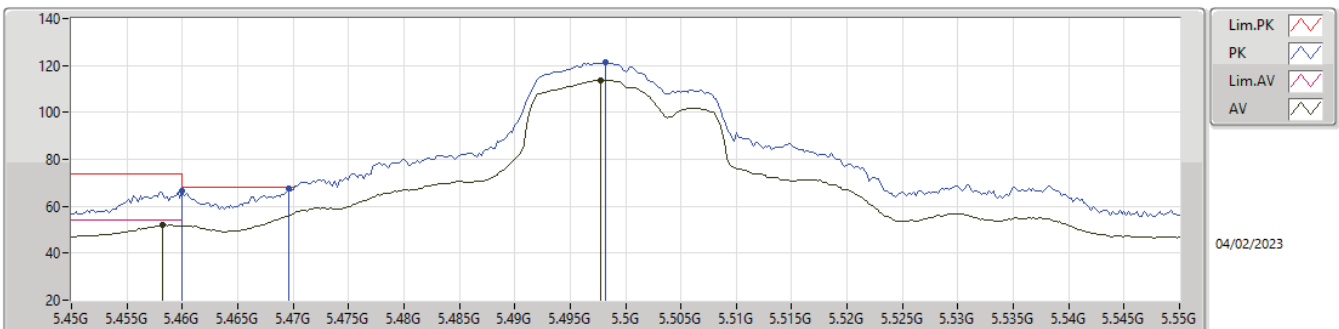
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4584G	48.47	54.00	-5.53	4.32	3	Vertical	334	1.50	44.15	32.88	6.01	34.57				
AV	5.4988G	109.07	Inf	-Inf	4.26	3	Vertical	334	1.50	104.81	32.80	6.02	34.56				
PK	5.4598G	61.74	74.00	-12.26	4.32	3	Vertical	334	1.50	57.42	32.88	6.01	34.57				
PK	5.469G	62.30	68.20	-5.90	4.31	3	Vertical	334	1.50	57.99	32.86	6.01	34.56				
PK	5.4988G	116.78	Inf	-Inf	4.26	3	Vertical	334	1.50	112.52	32.80	6.02	34.56				

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

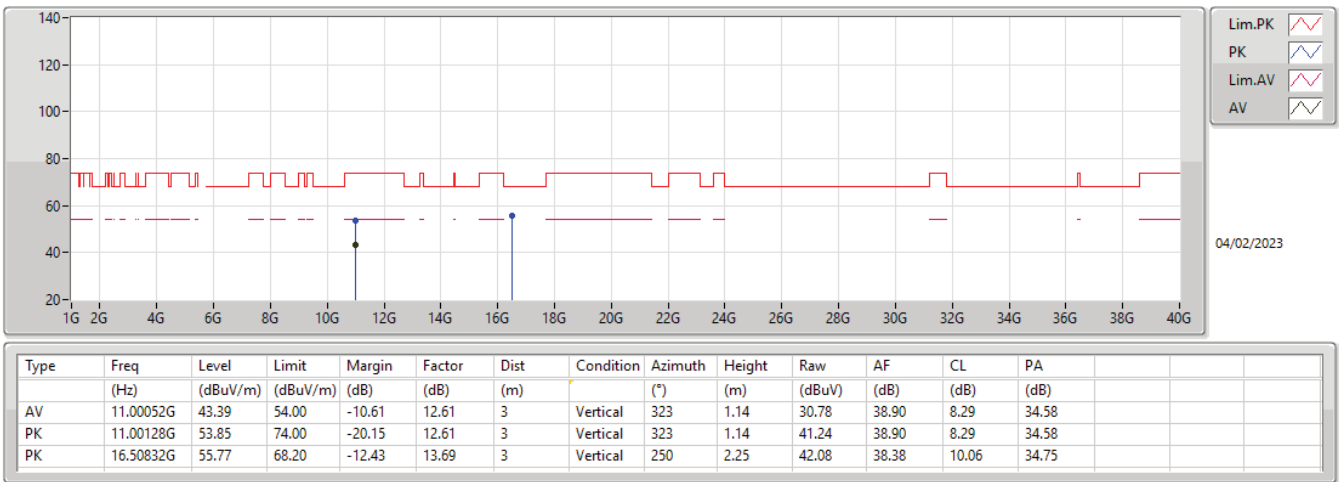
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4582G	52.12	54.00	-1.88	4.32	3	Horizontal	43	2.18	47.80	32.88	6.01	34.57				
AV	5.4978G	113.60	Inf	-Inf	4.26	3	Horizontal	43	2.18	109.34	32.80	6.02	34.56				
PK	5.46G	66.51	74.00	-7.49	4.32	3	Horizontal	43	2.18	62.19	32.88	6.01	34.57				
PK	5.4696G	67.42	68.20	-0.78	4.31	3	Horizontal	43	2.18	63.11	32.86	6.01	34.56				
PK	5.4982G	121.21	Inf	-Inf	4.26	3	Horizontal	43	2.18	116.95	32.80	6.02	34.56				

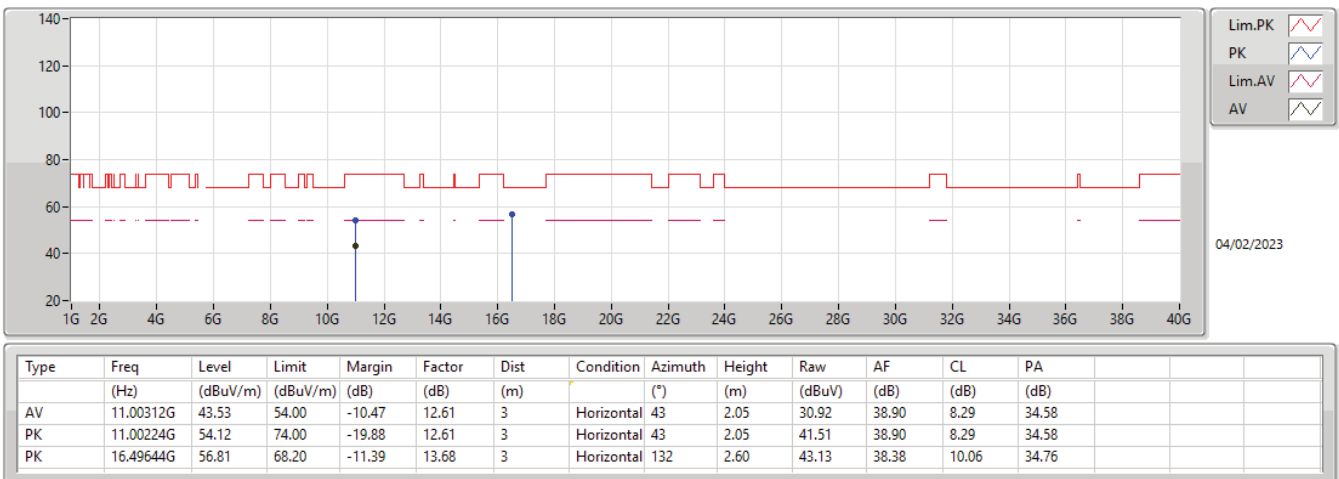
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX



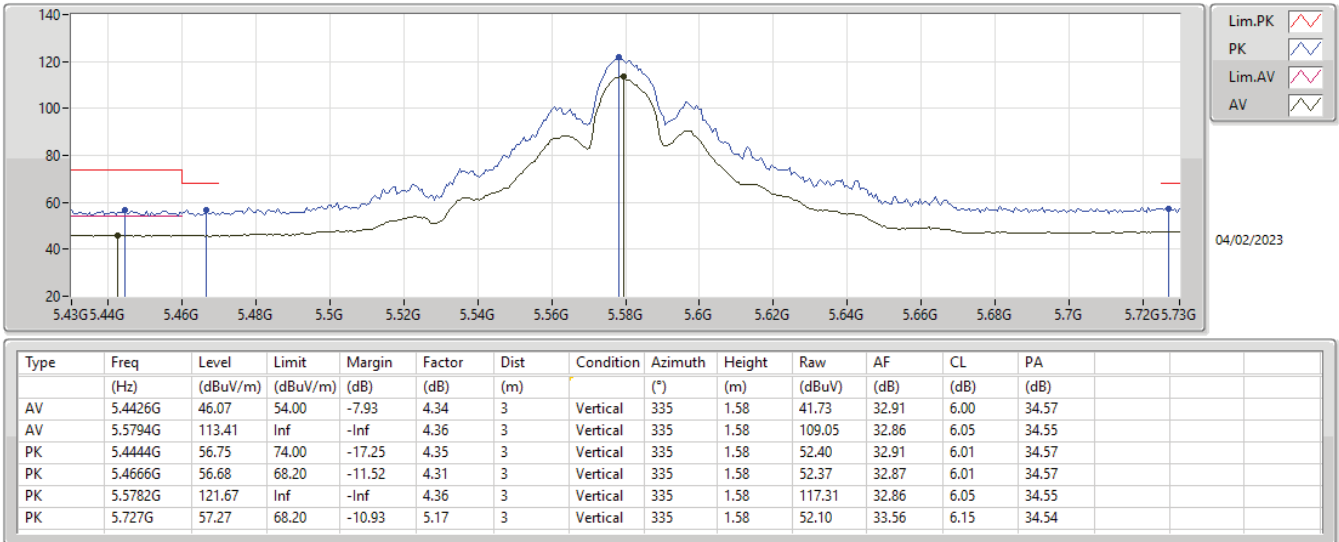
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5500MHz_TX



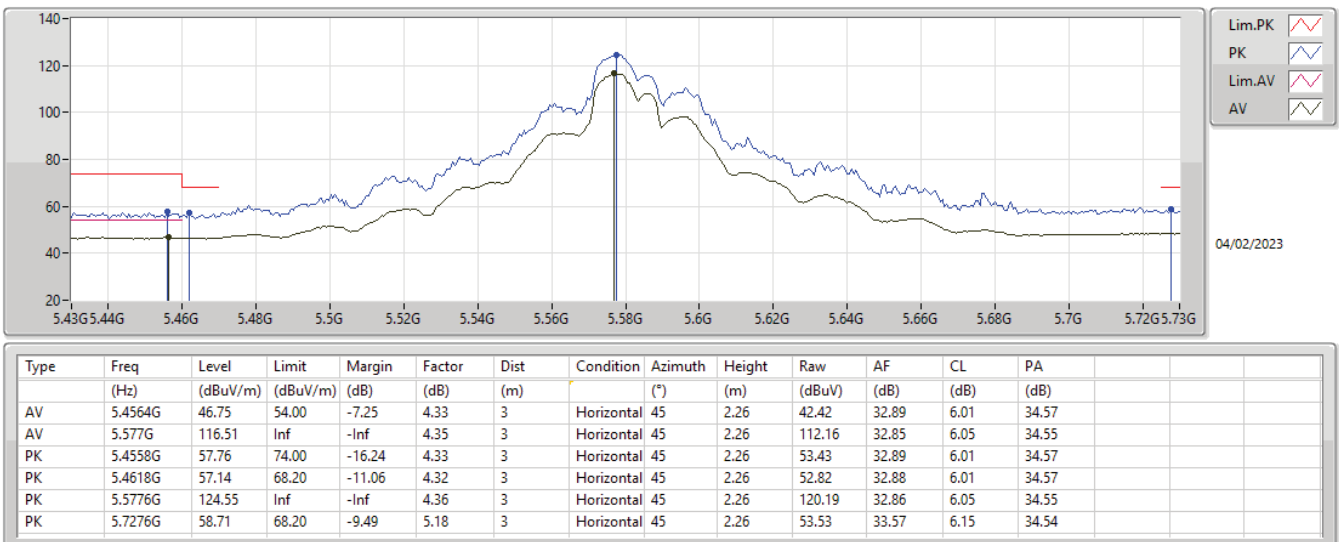
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5580MHz_TX



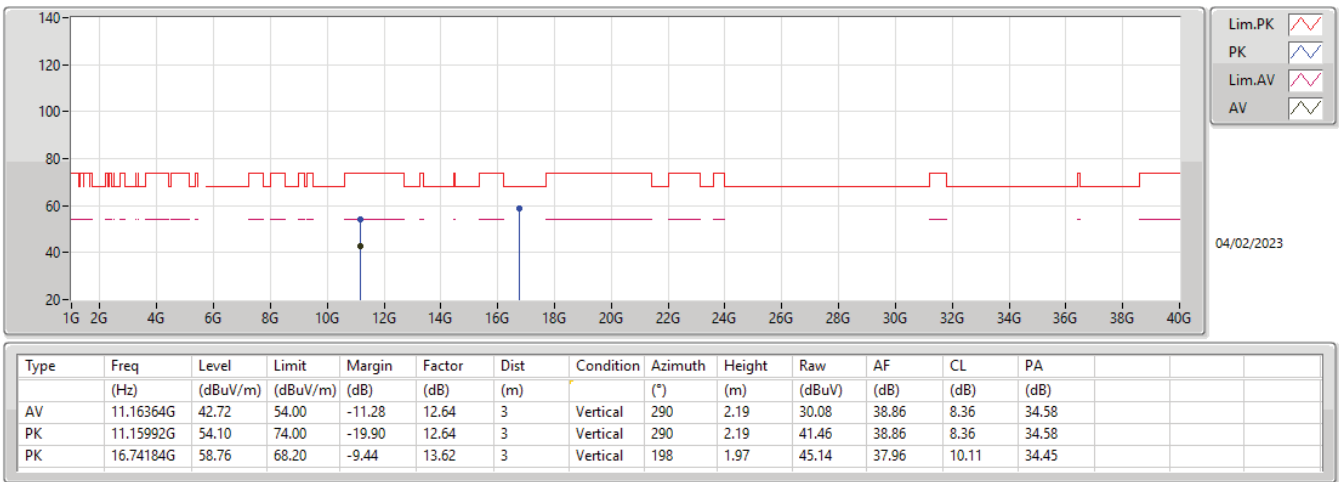
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5580MHz_TX



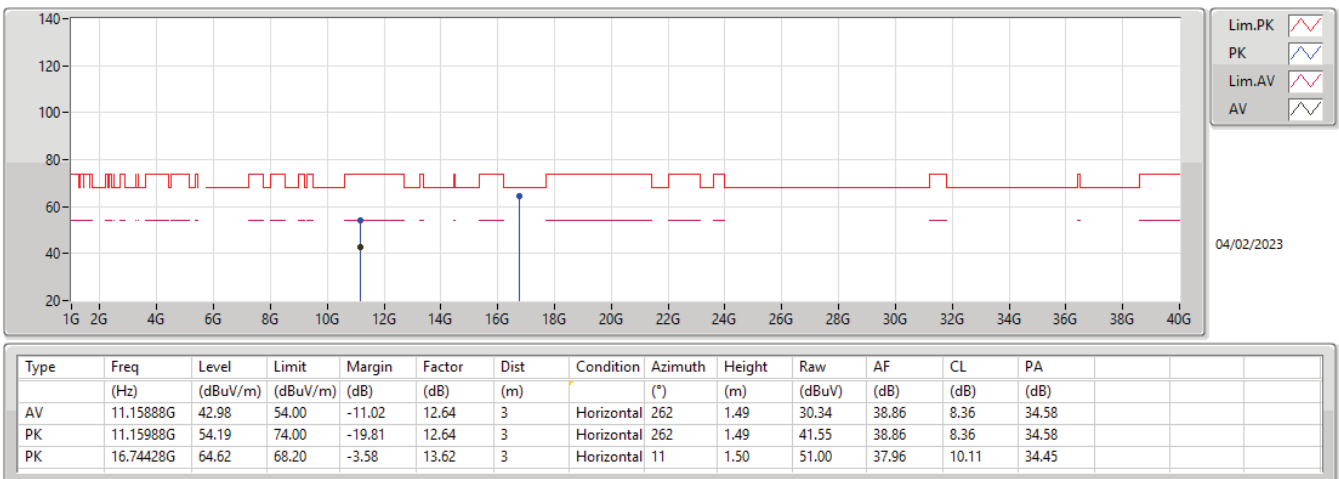
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5580MHz_TX



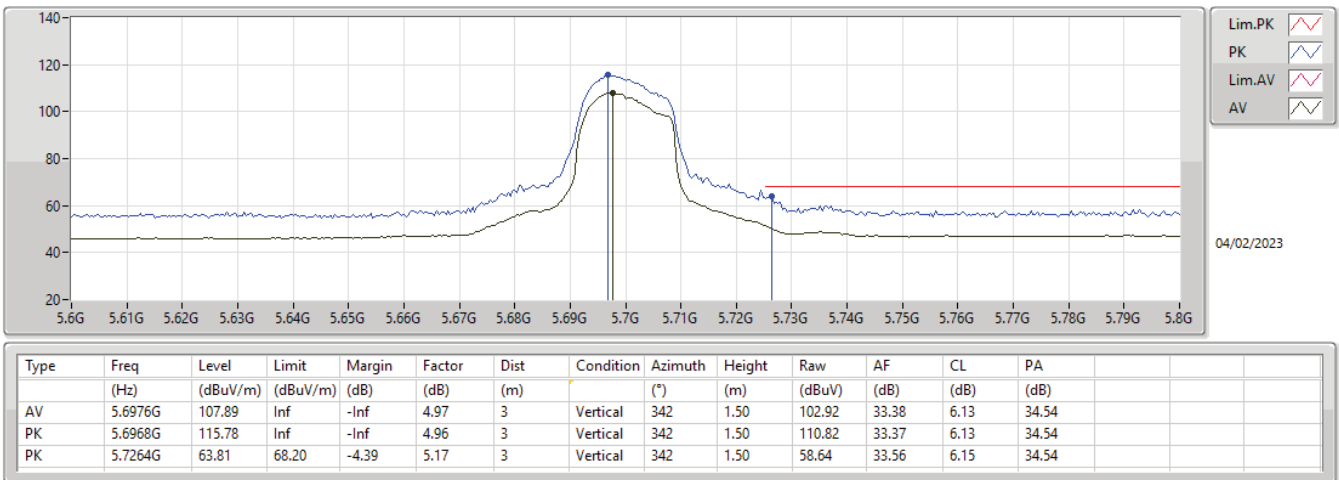
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX



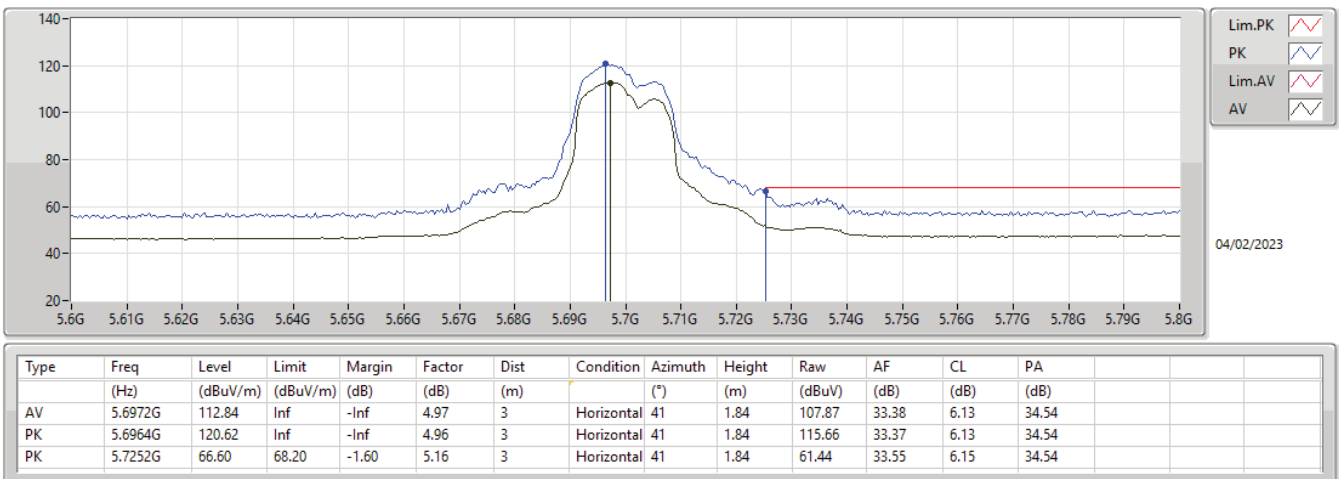
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5700MHz_TX



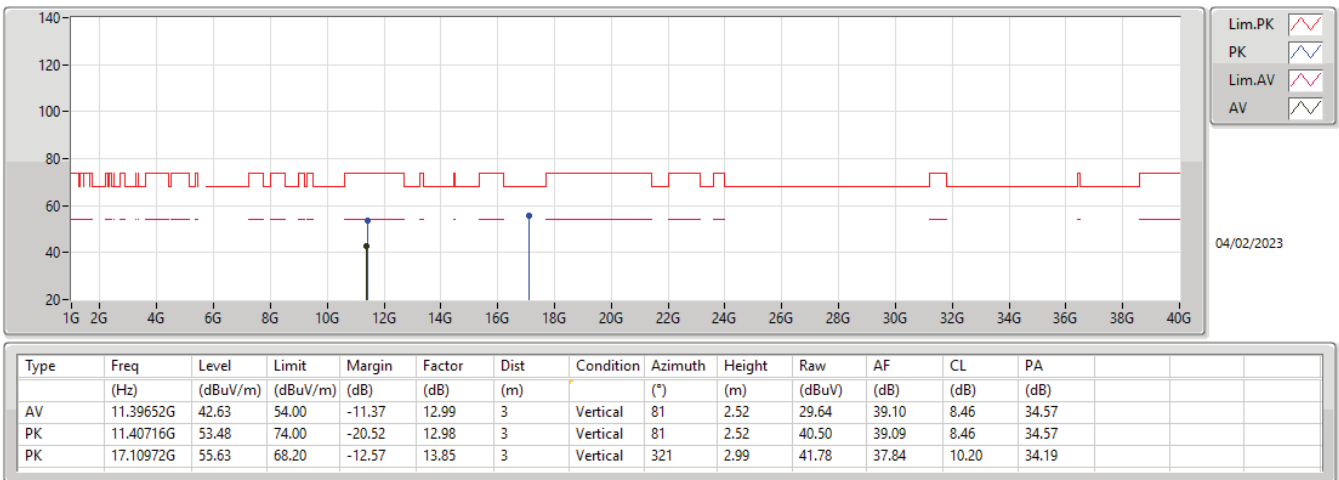
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5700MHz_TX



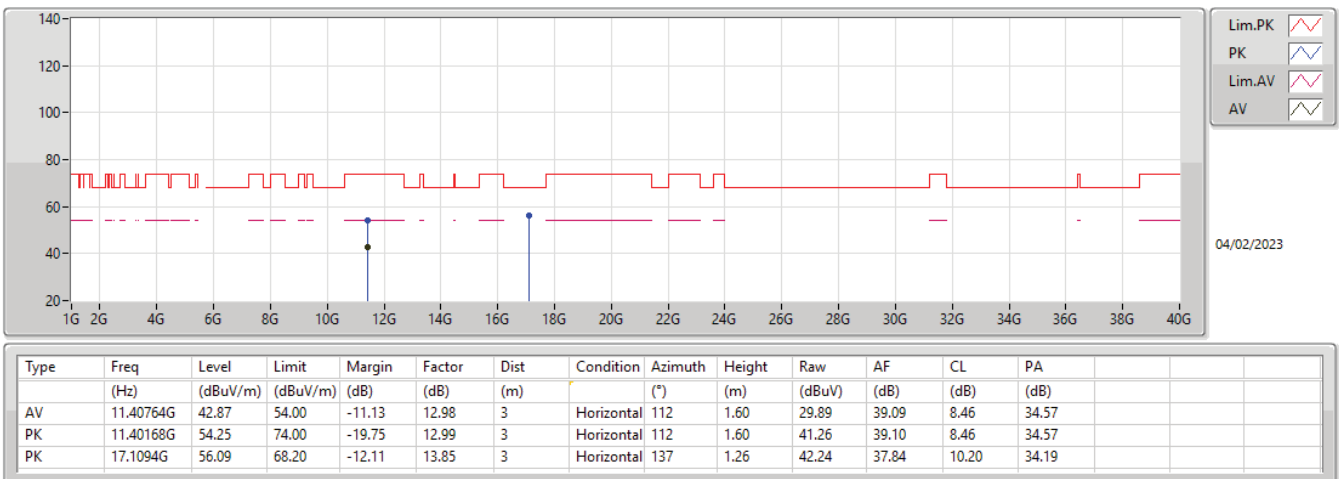
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5700MHz_TX



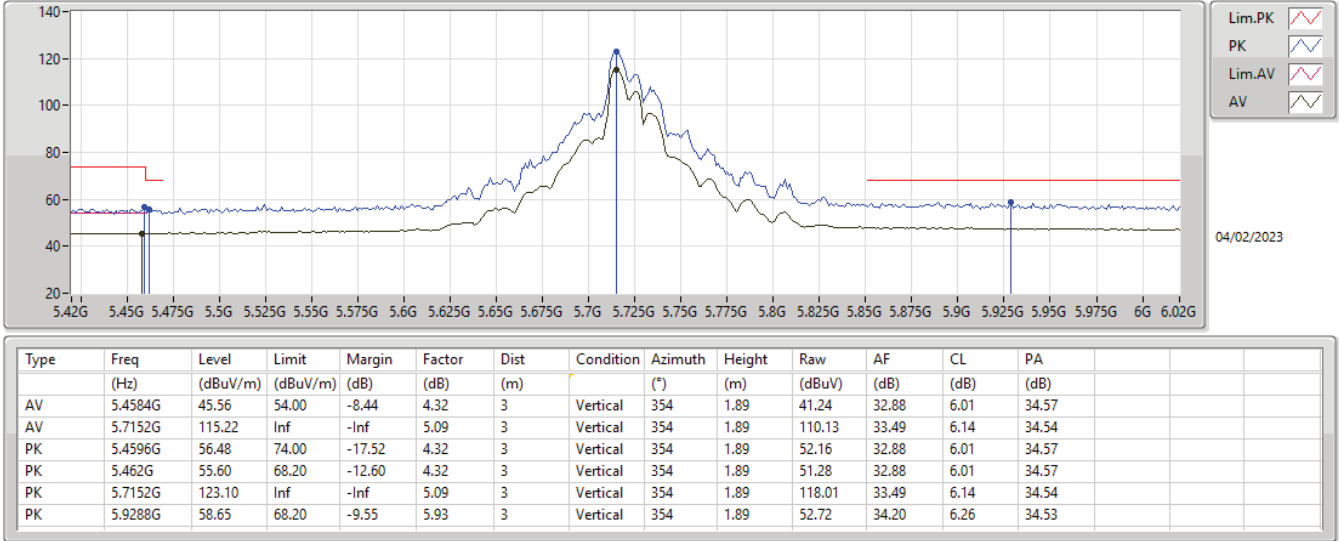
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5700MHz_TX



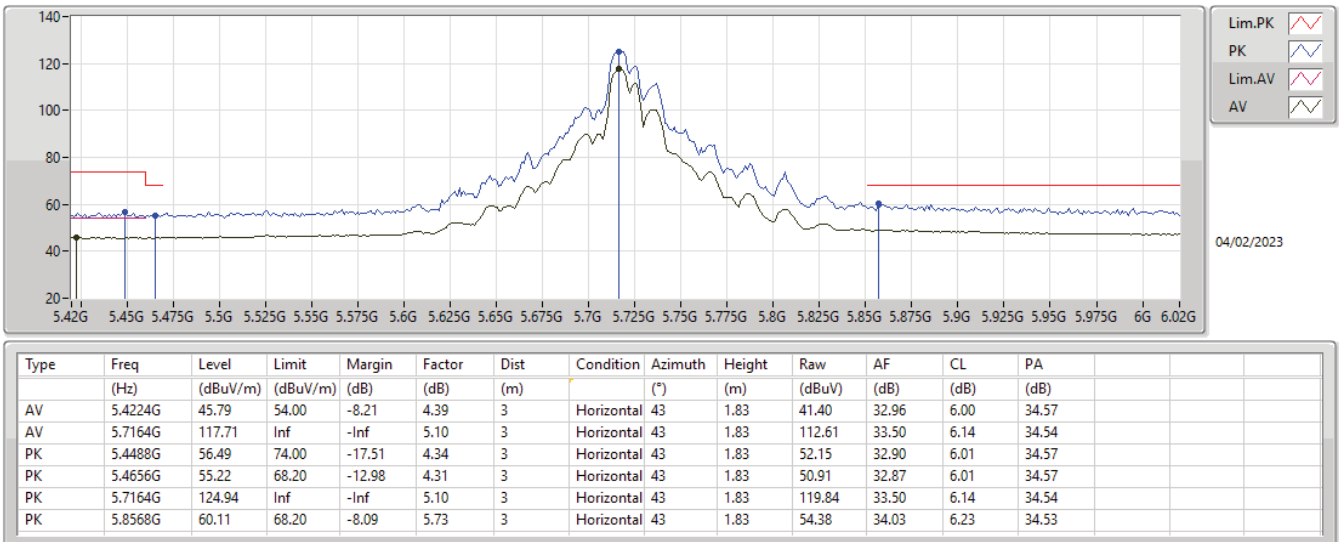
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



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

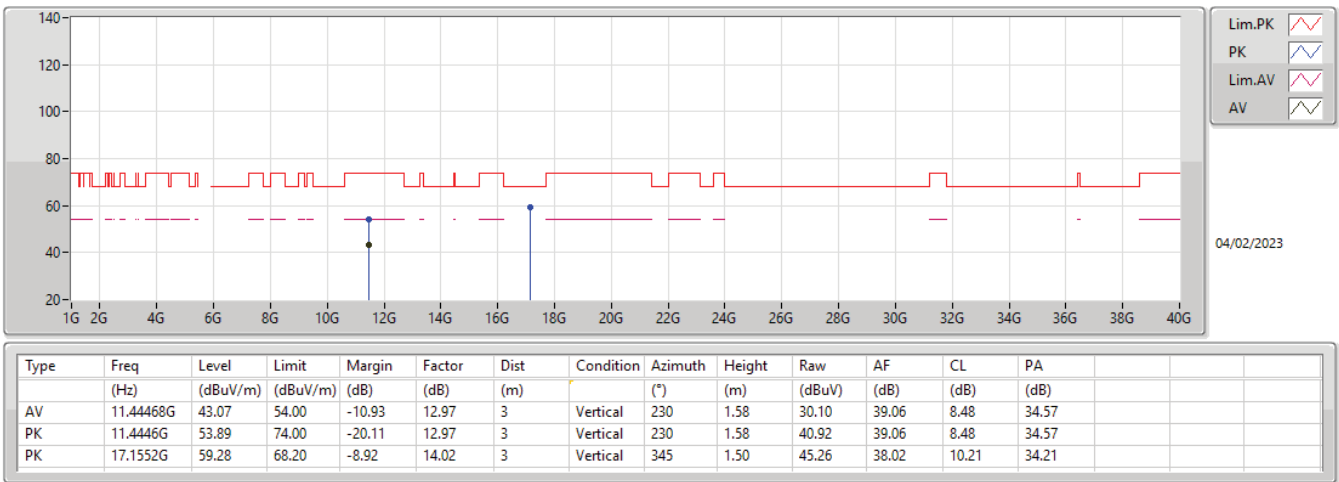
5720MHz Straddle 5.47-5.725GHz_TX





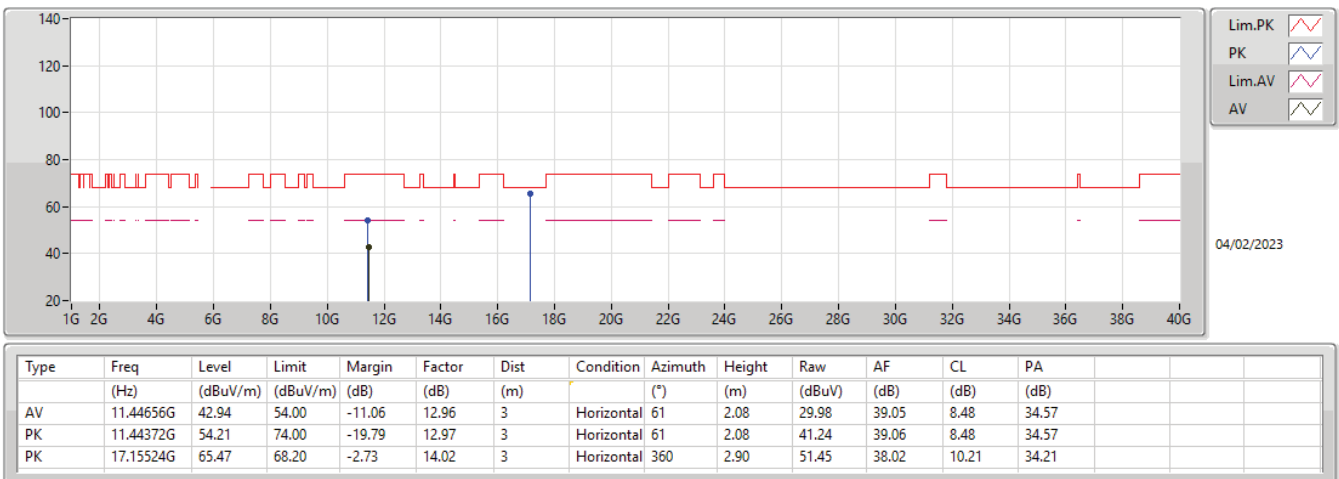
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5720MHz Straddle 5.47-5.725GHz_TX



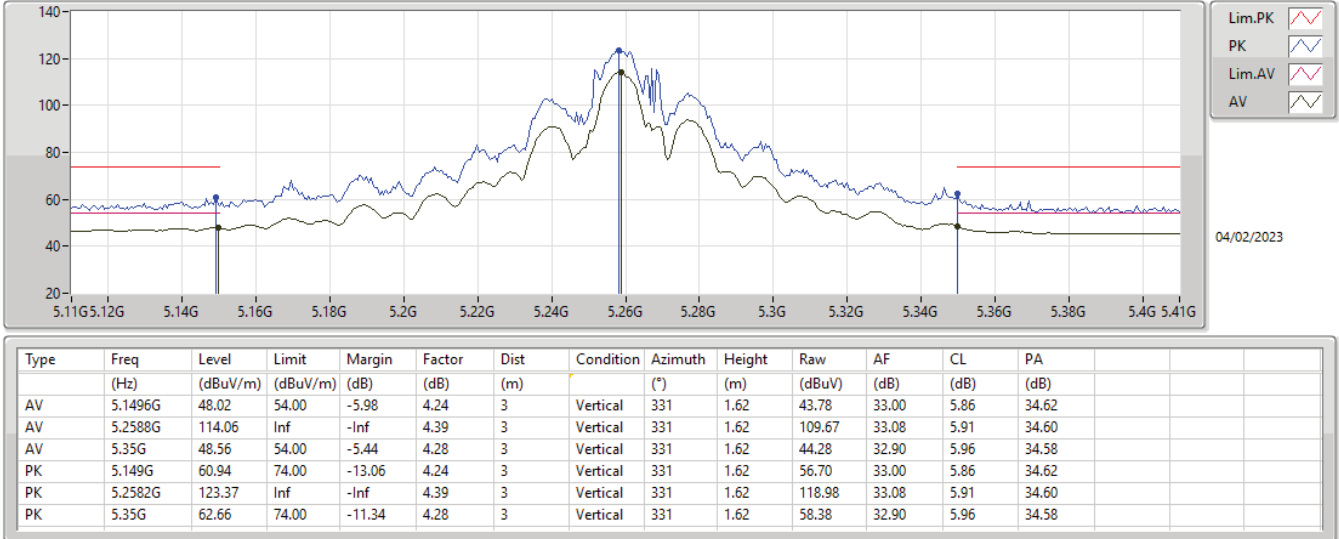
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5720MHz Straddle 5.47-5.725GHz_TX



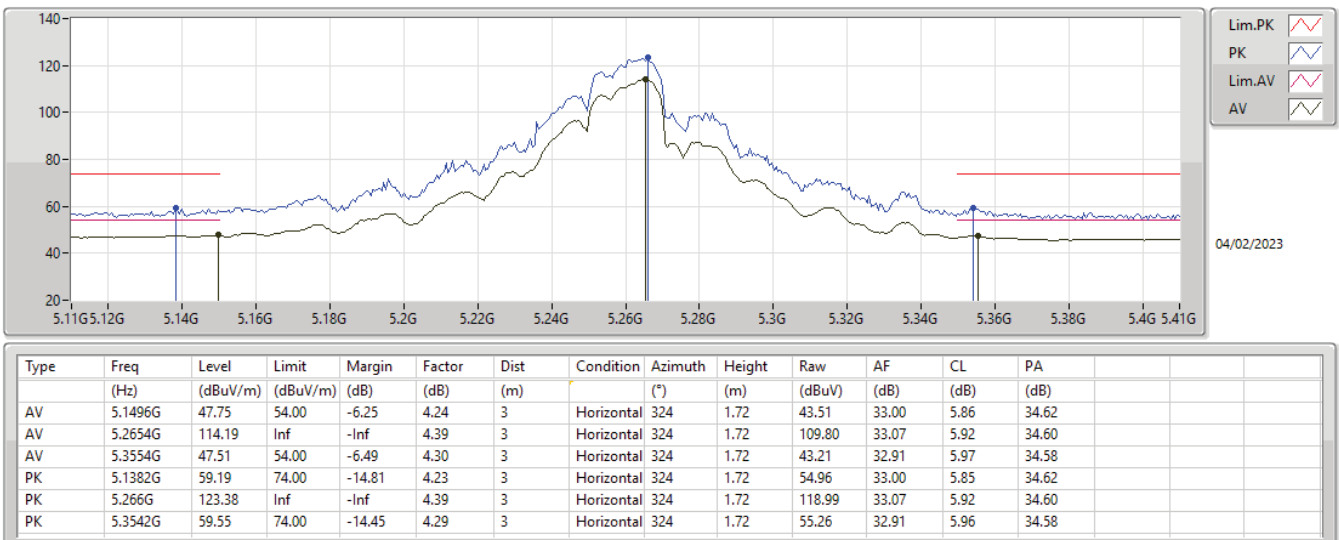
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

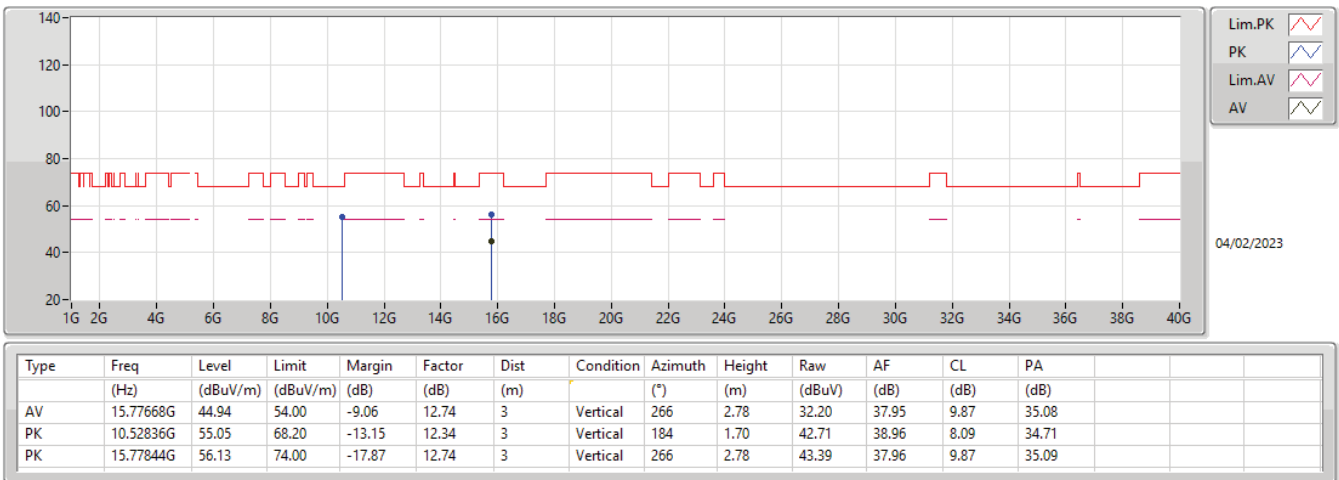
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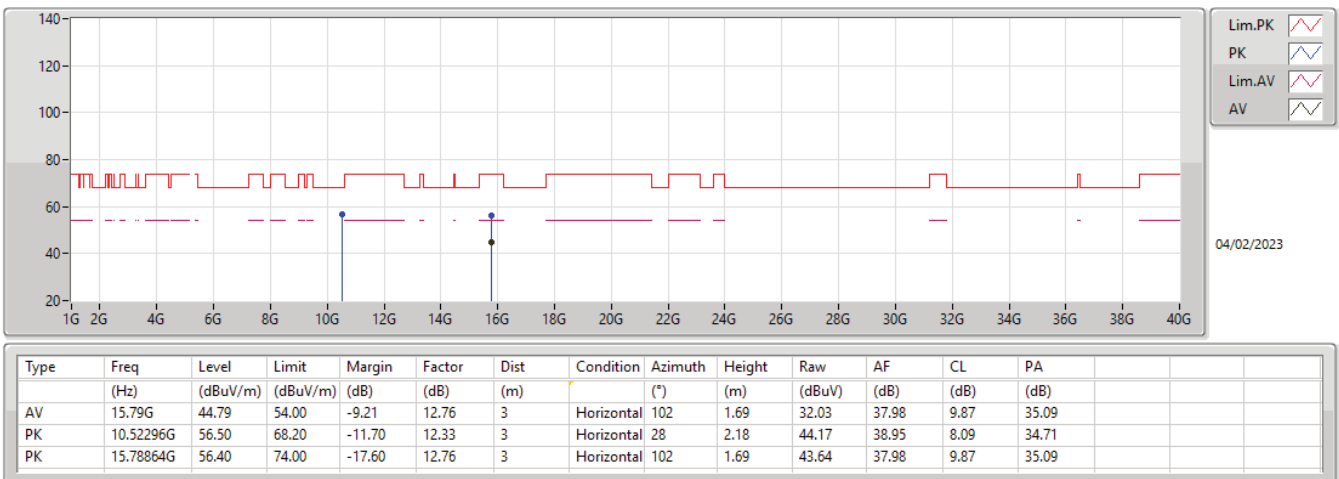
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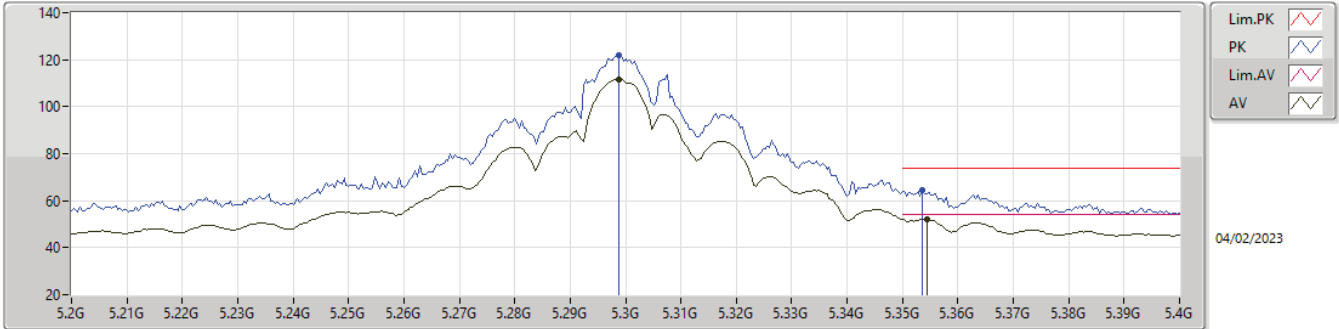
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5260MHz_TX



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

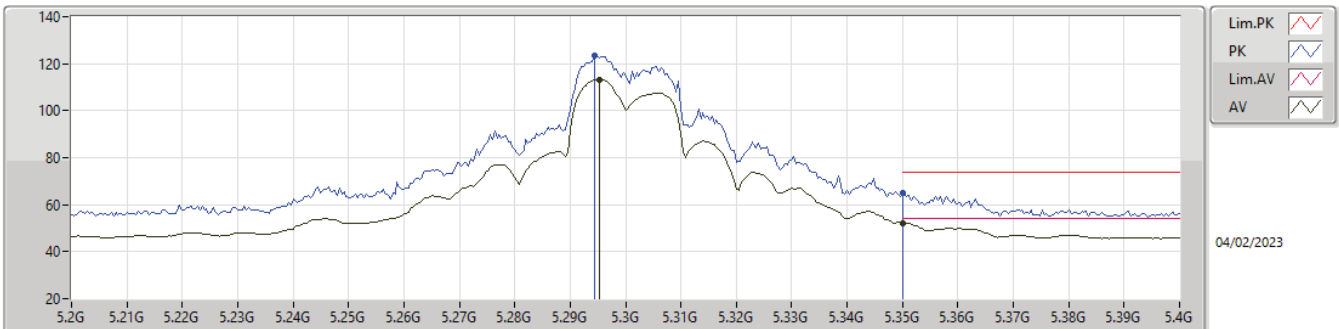
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2988G	111.60	Inf	-Inf	4.34	3	Vertical	329	1.47	107.26	33.00	5.93	34.59
AV	5.3544G	52.27	54.00	-1.73	4.29	3	Vertical	329	1.47	47.98	32.91	5.96	34.58
PK	5.2988G	122.10	Inf	-Inf	4.34	3	Vertical	329	1.47	117.76	33.00	5.93	34.59
PK	5.3536G	64.74	74.00	-9.26	4.29	3	Vertical	329	1.47	60.45	32.91	5.96	34.58

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

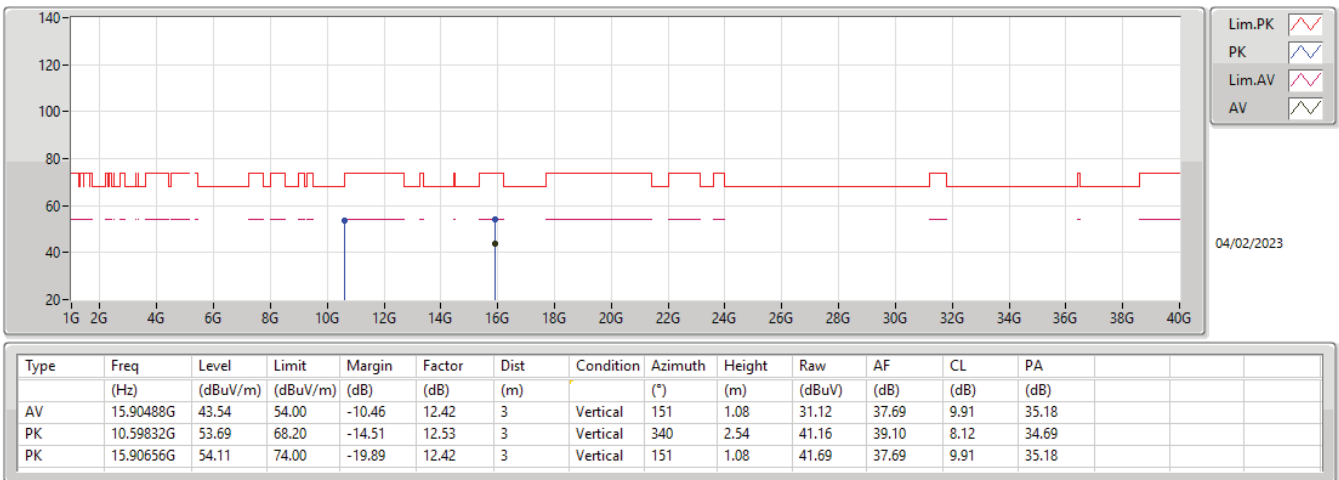


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2952G	113.08	Inf	-Inf	4.35	3	Horizontal	37	1.02	108.73	33.01	5.93	34.59
AV	5.35G	52.12	54.00	-1.88	4.28	3	Horizontal	37	1.02	47.84	32.90	5.96	34.58
PK	5.2944G	123.52	Inf	-Inf	4.35	3	Horizontal	37	1.02	119.17	33.01	5.93	34.59
PK	5.35G	65.14	74.00	-8.86	4.28	3	Horizontal	37	1.02	60.86	32.90	5.96	34.58



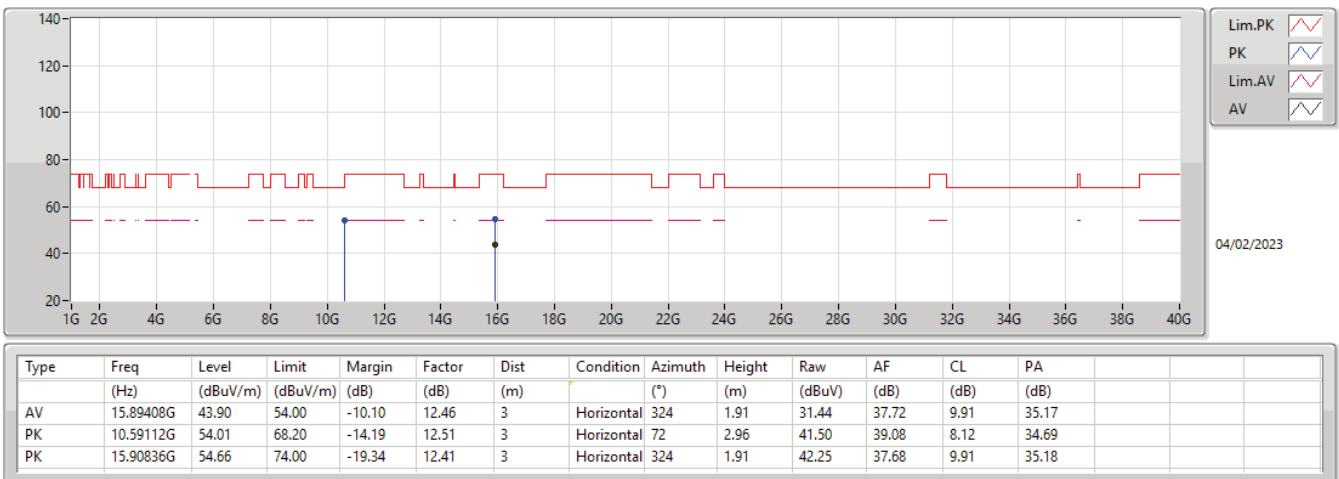
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX



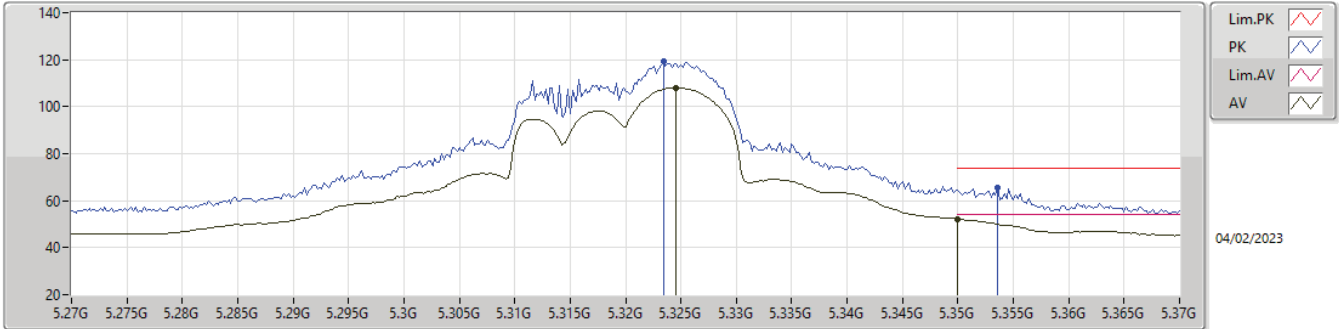
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

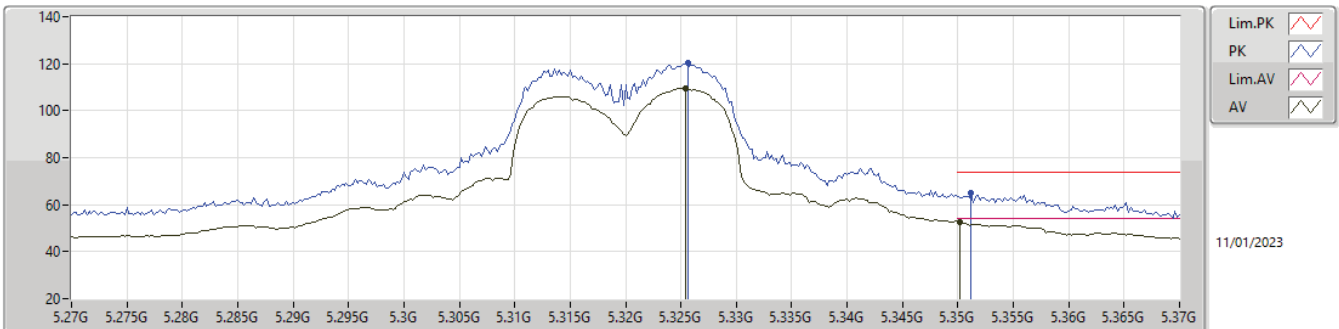
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3246G	108.07	Inf	-Inf	4.31	3	Vertical	333	2.64	103.76	32.95	5.95	34.59
AV	5.35G	52.18	54.00	-1.82	4.28	3	Vertical	333	2.64	47.90	32.90	5.96	34.58
PK	5.3234G	119.22	Inf	-Inf	4.31	3	Vertical	333	2.64	114.91	32.95	5.95	34.59
PK	5.3536G	65.57	74.00	-8.43	4.29	3	Vertical	333	2.64	61.28	32.91	5.96	34.58

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

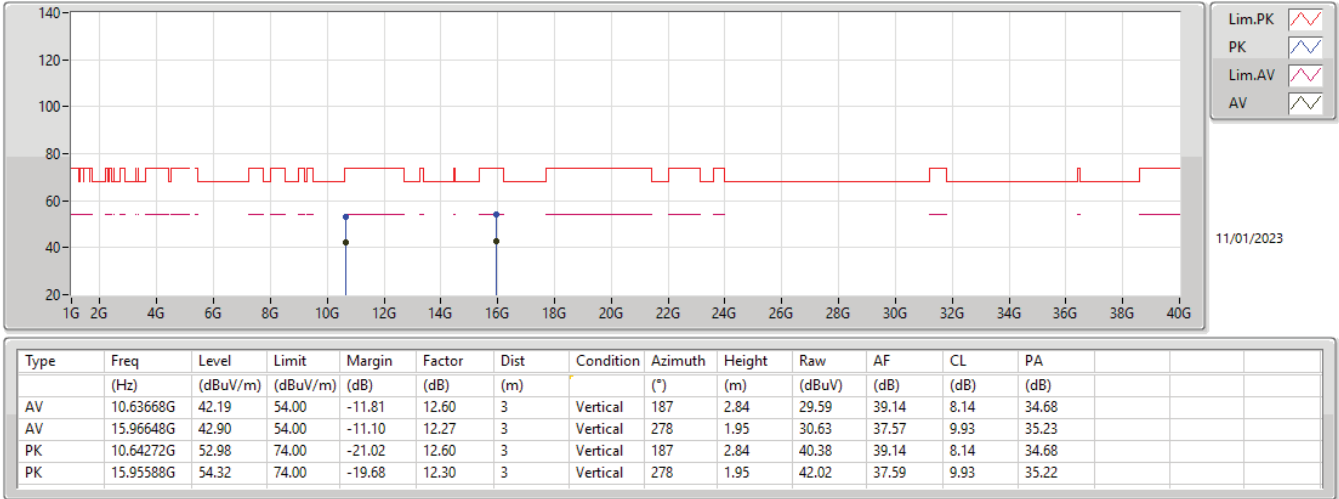
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3254G	109.40	Inf	-Inf	4.31	3	Horizontal	49	1.75	105.09	32.95	5.95	34.59
AV	5.3502G	52.64	54.00	-1.36	4.28	3	Horizontal	49	1.75	48.36	32.90	5.96	34.58
PK	5.3256G	120.52	Inf	-Inf	4.31	3	Horizontal	49	1.75	116.21	32.95	5.95	34.59
PK	5.3512G	64.95	74.00	-9.05	4.28	3	Horizontal	49	1.75	60.67	32.90	5.96	34.58

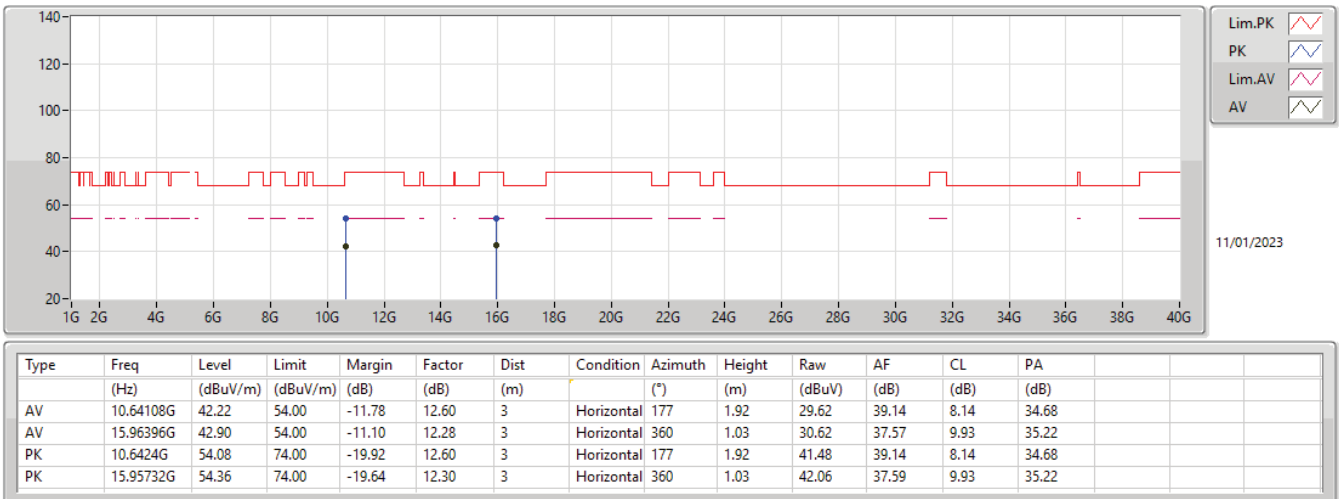
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX



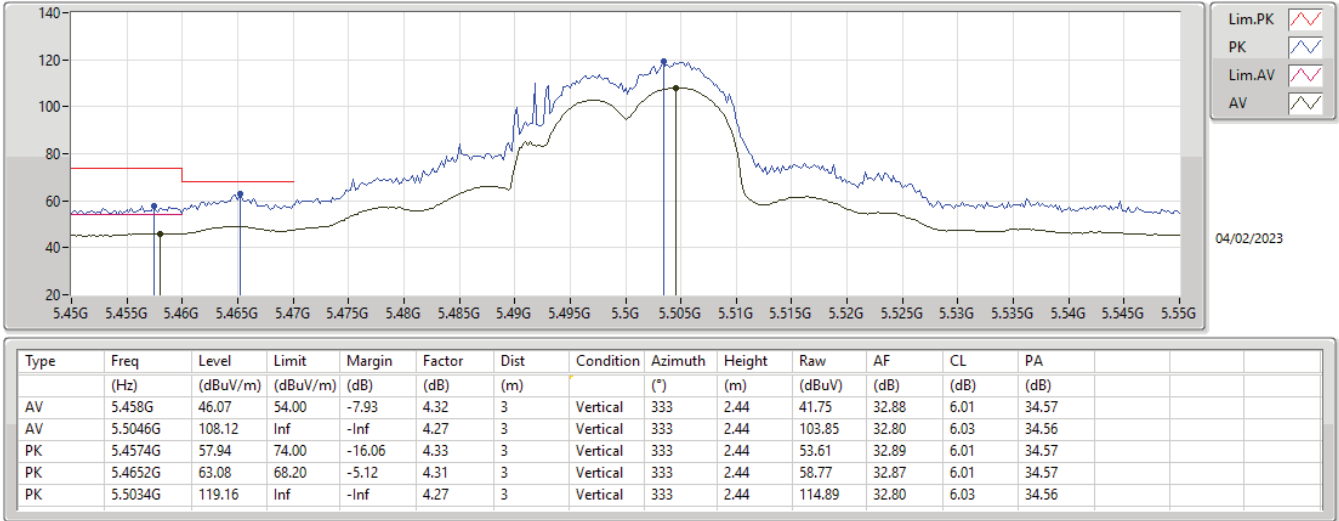
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX



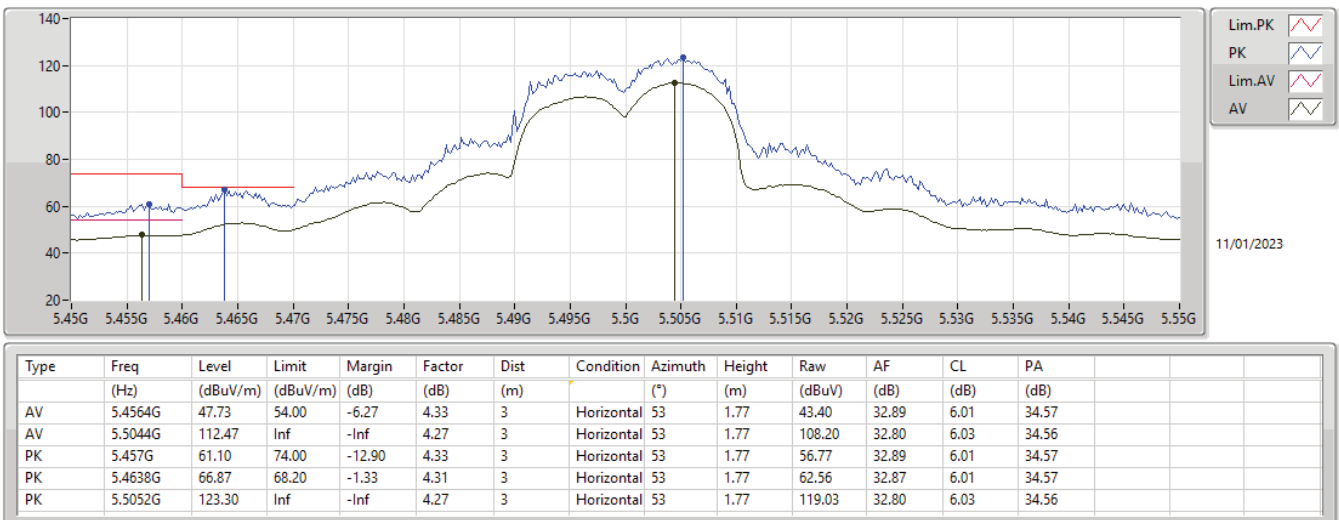
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

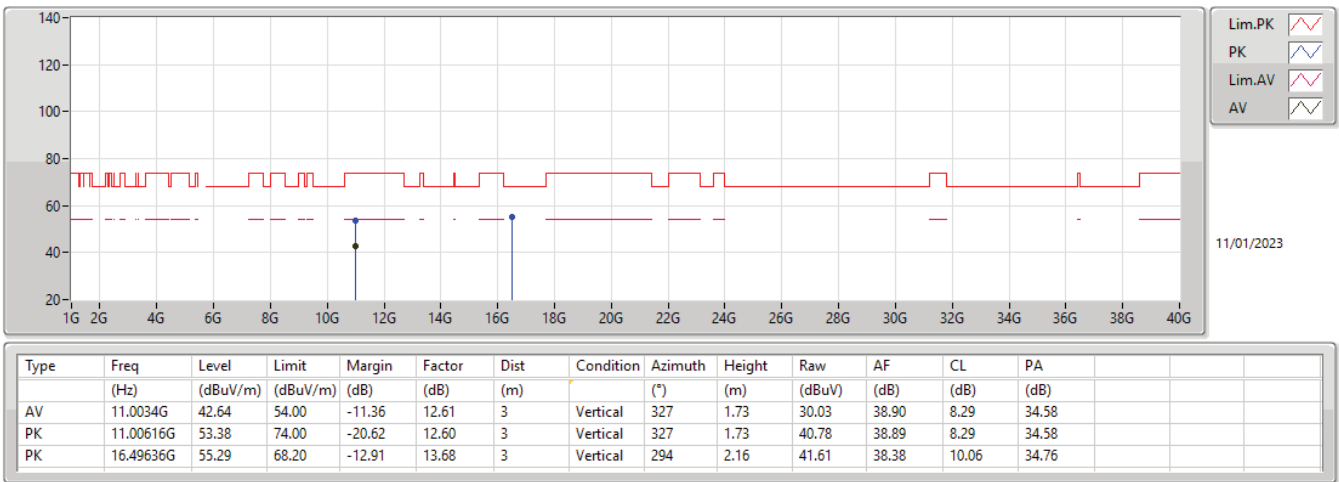
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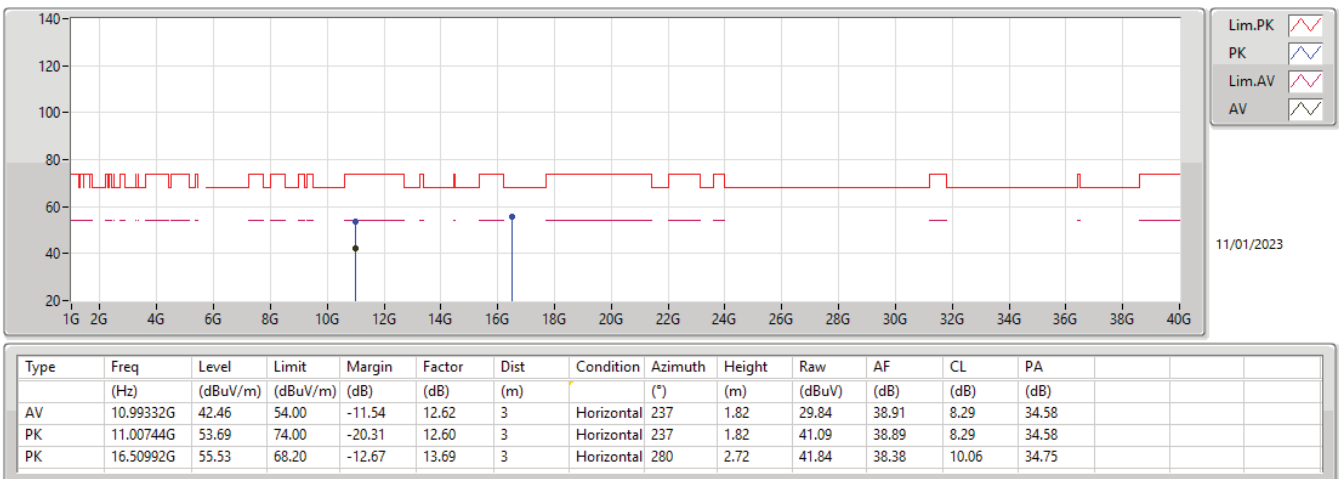
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5500MHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

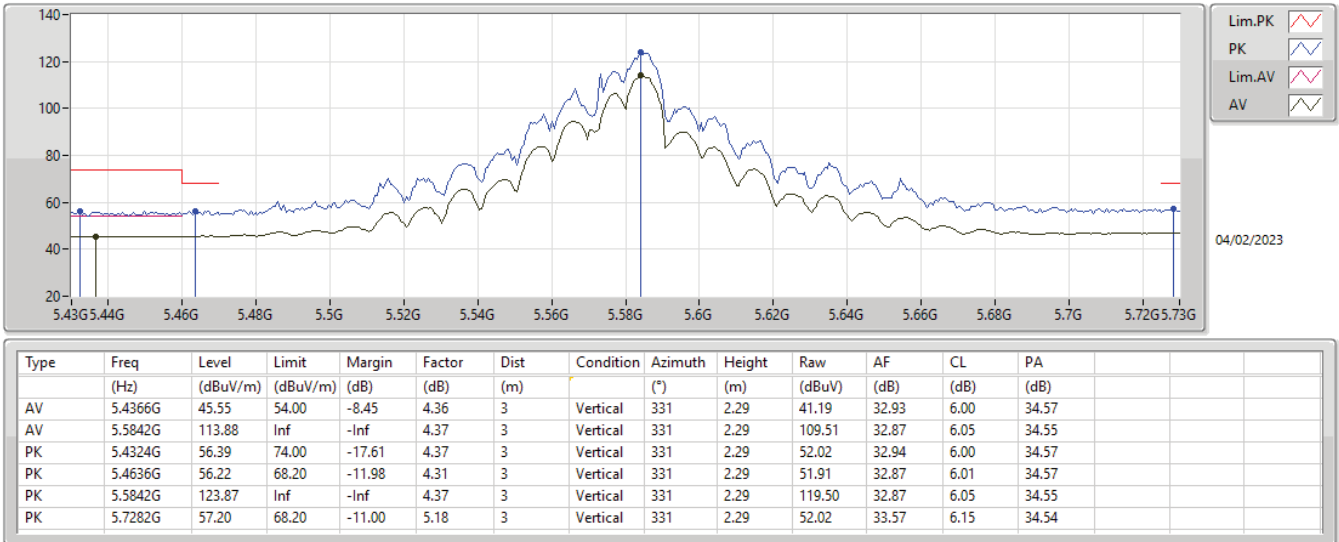
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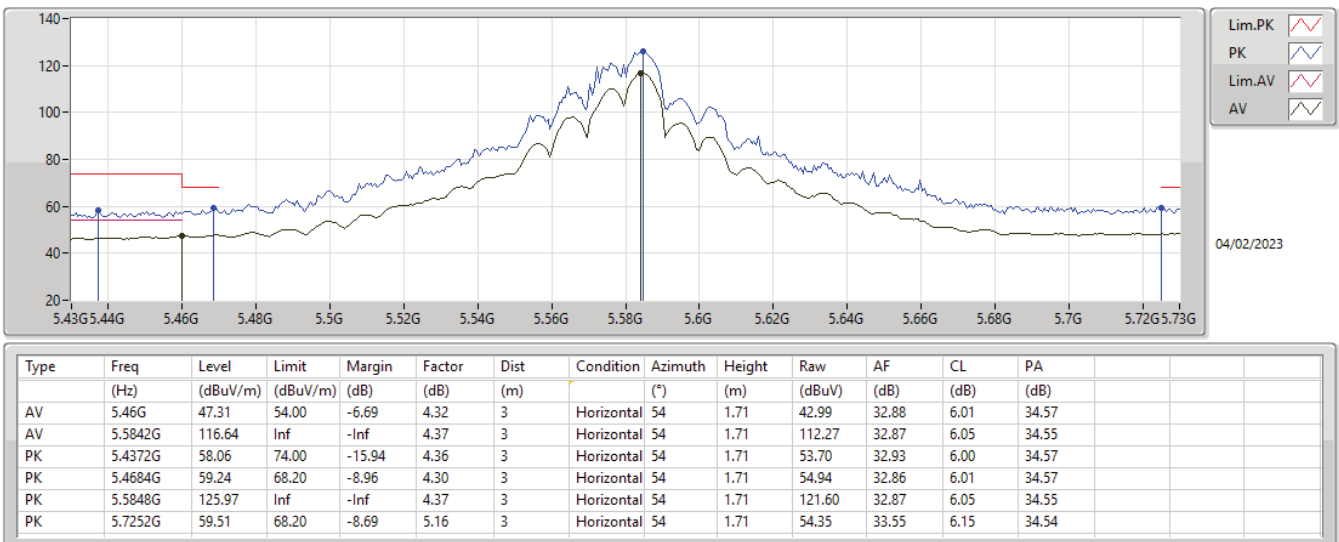
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5580MHz_TX



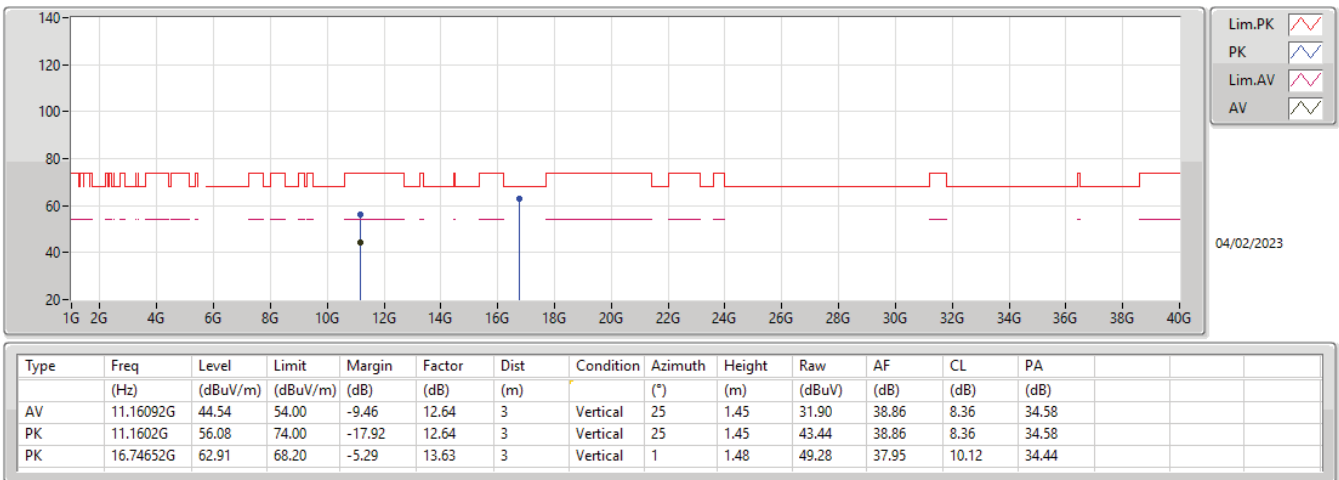
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5580MHz_TX



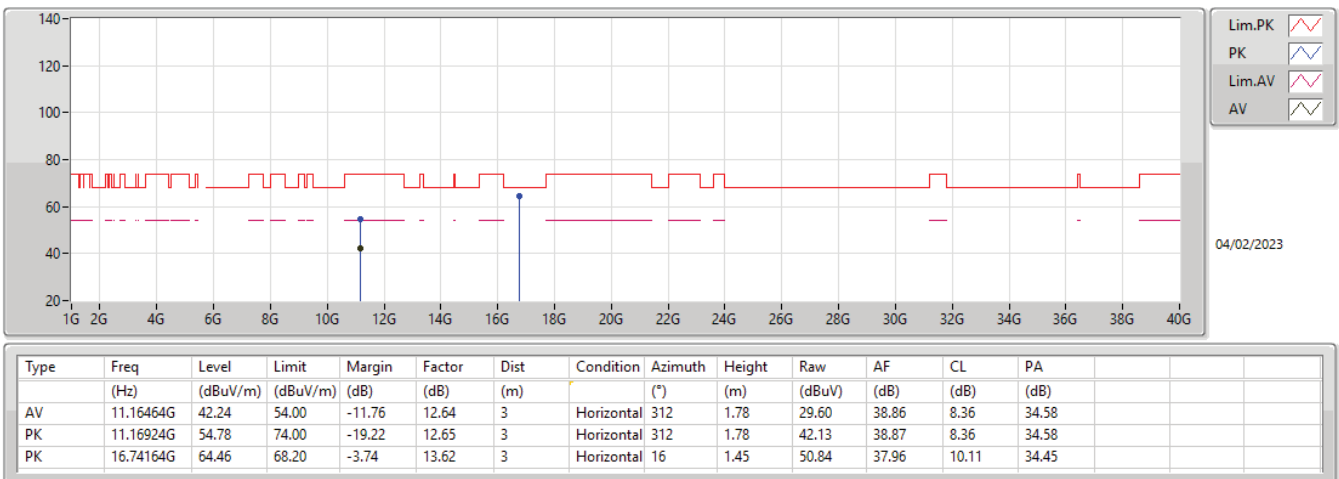
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

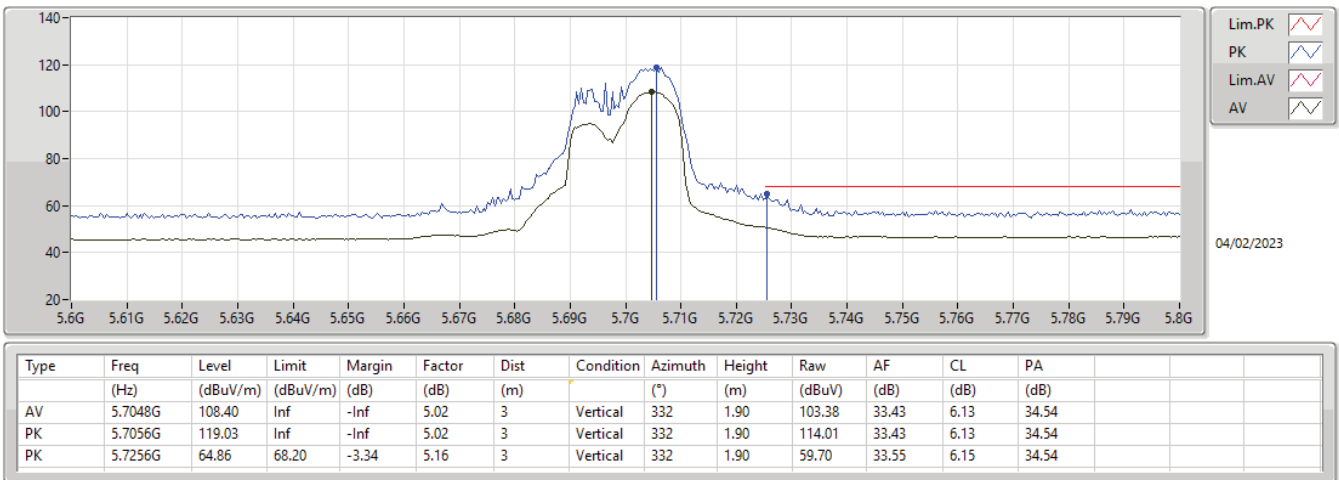
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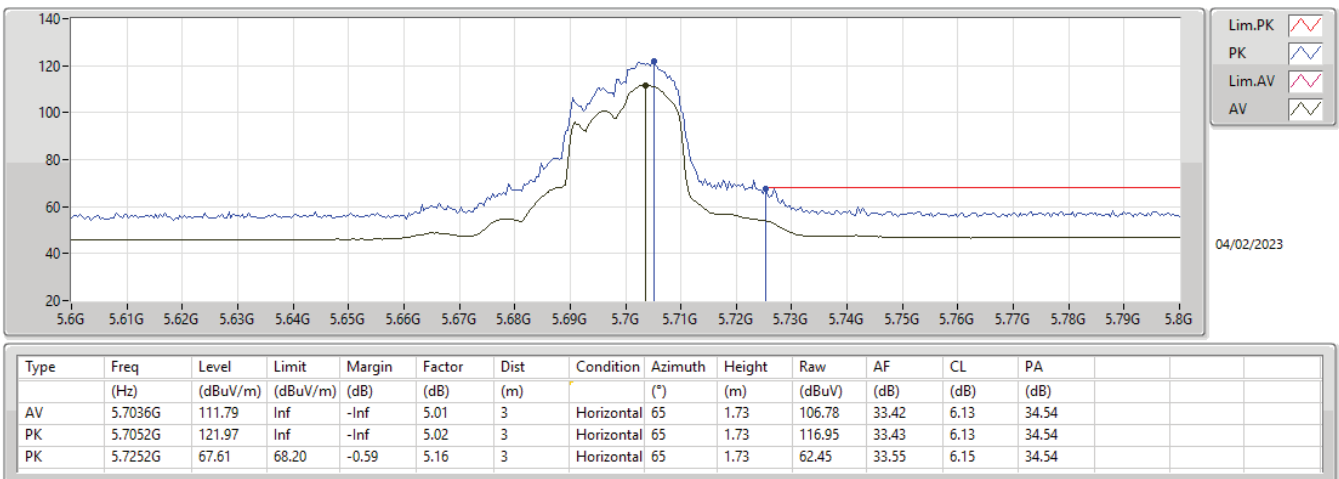
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

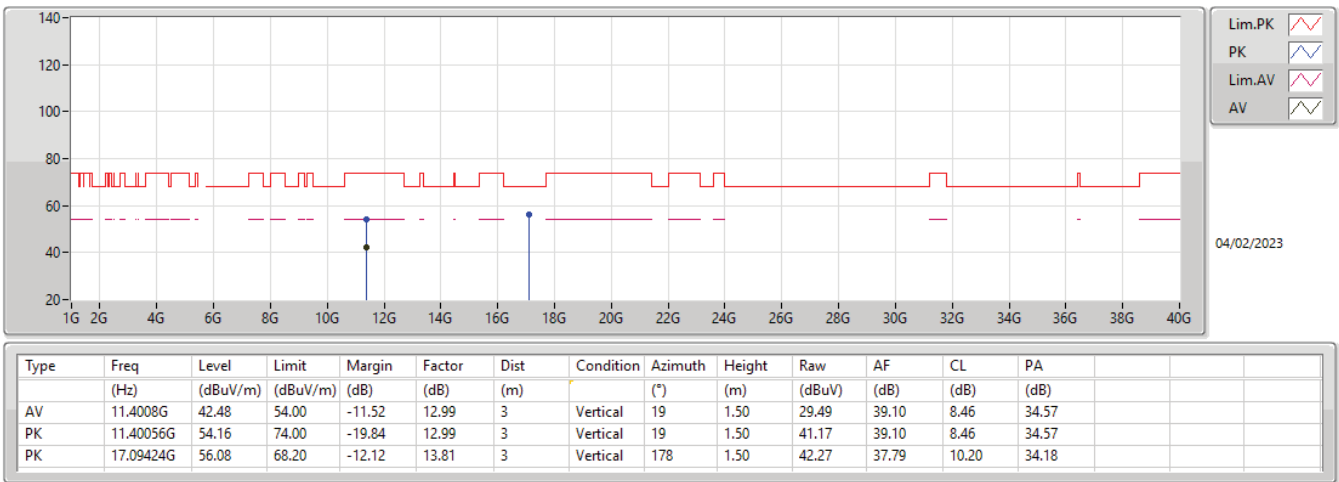
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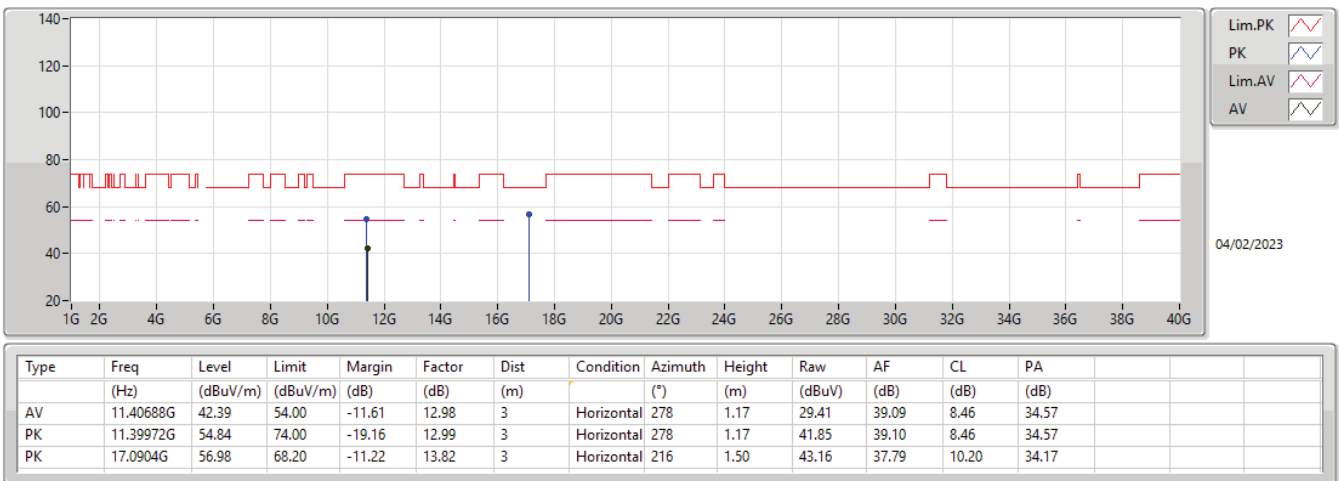
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

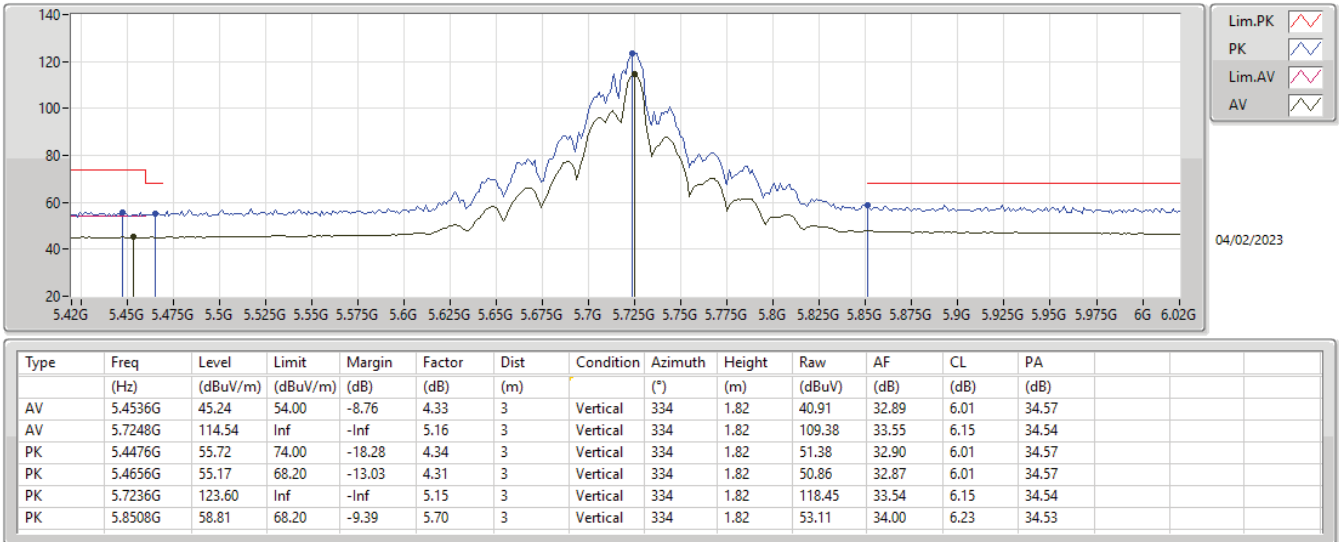
5700MHz_TX





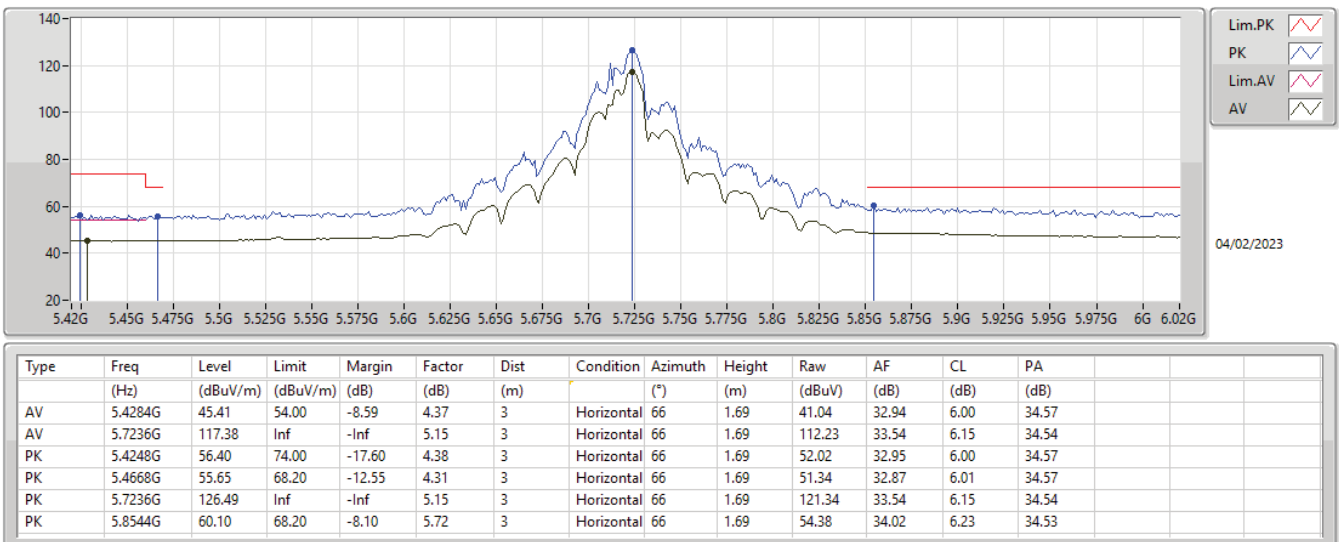
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

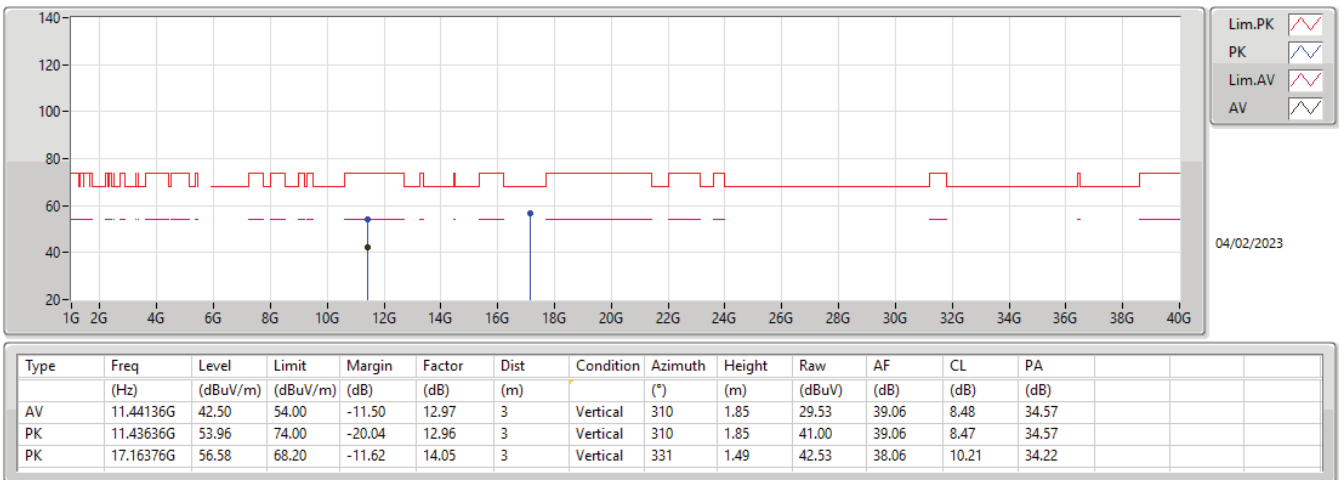
5720MHz Straddle 5.47-5.725GHz_TX





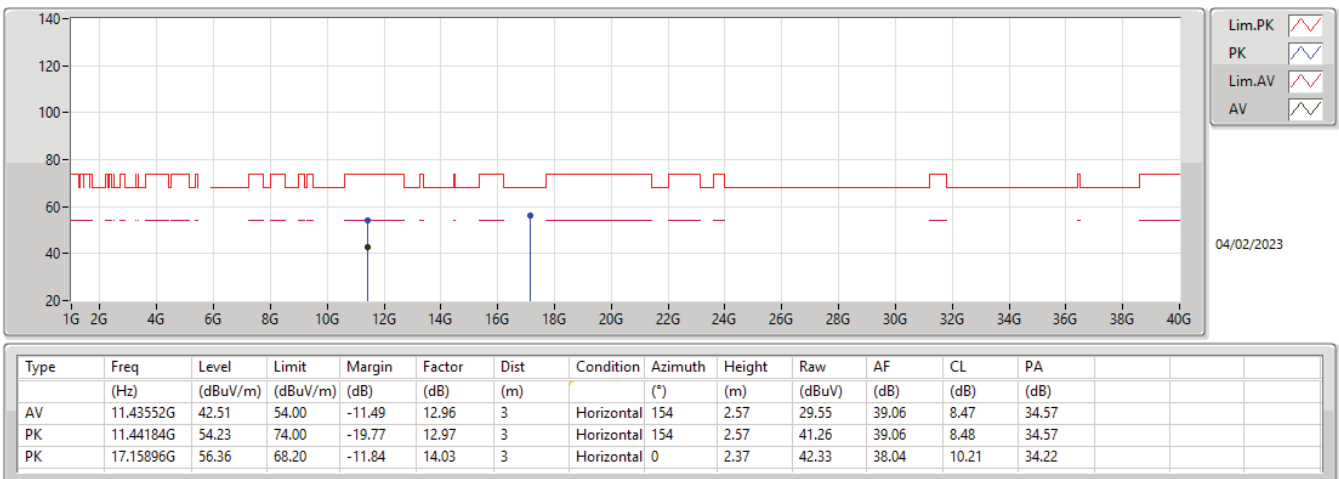
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5720MHz Straddle 5.47-5.725GHz_TX



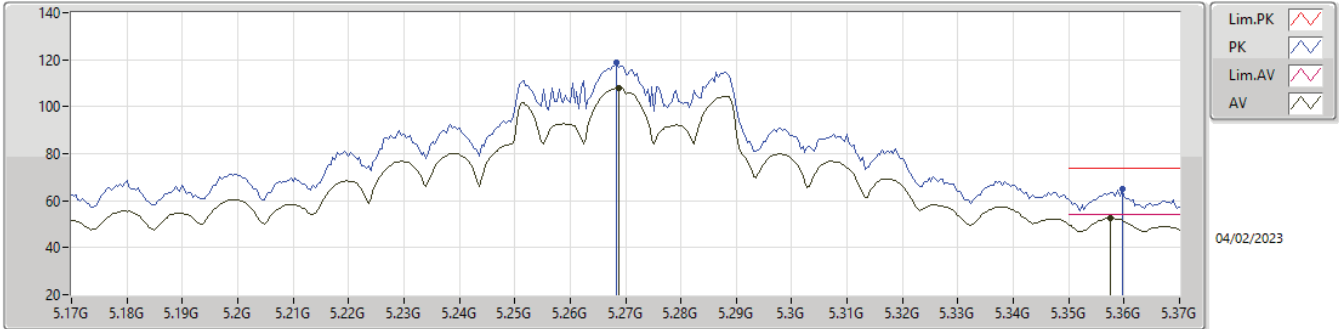
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

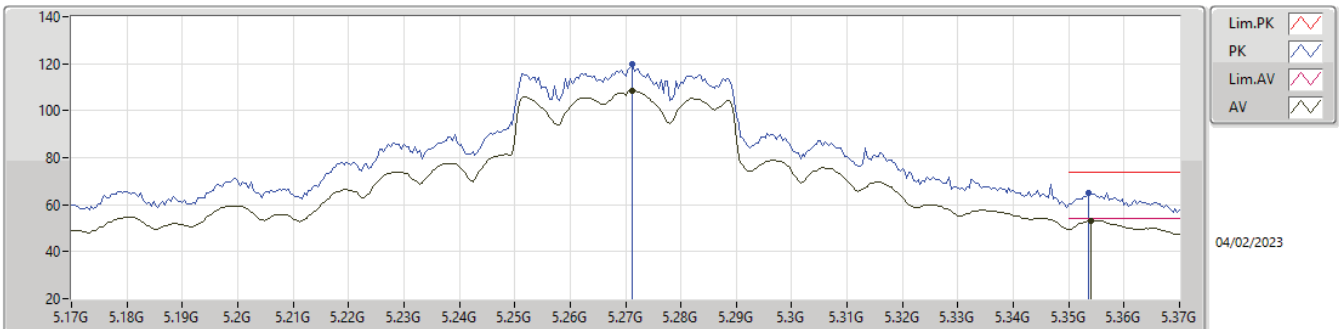
5270MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2688G	107.86	Inf	-Inf	4.38	3	Vertical	336	1.47	103.48	33.06	5.92	34.60
AV	5.3576G	52.73	54.00	-1.27	4.31	3	Vertical	336	1.47	48.42	32.92	5.97	34.58
PK	5.2684G	118.76	Inf	-Inf	4.38	3	Vertical	336	1.47	114.38	33.06	5.92	34.60
PK	5.3596G	64.89	74.00	-9.11	4.31	3	Vertical	336	1.47	60.58	32.92	5.97	34.58

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

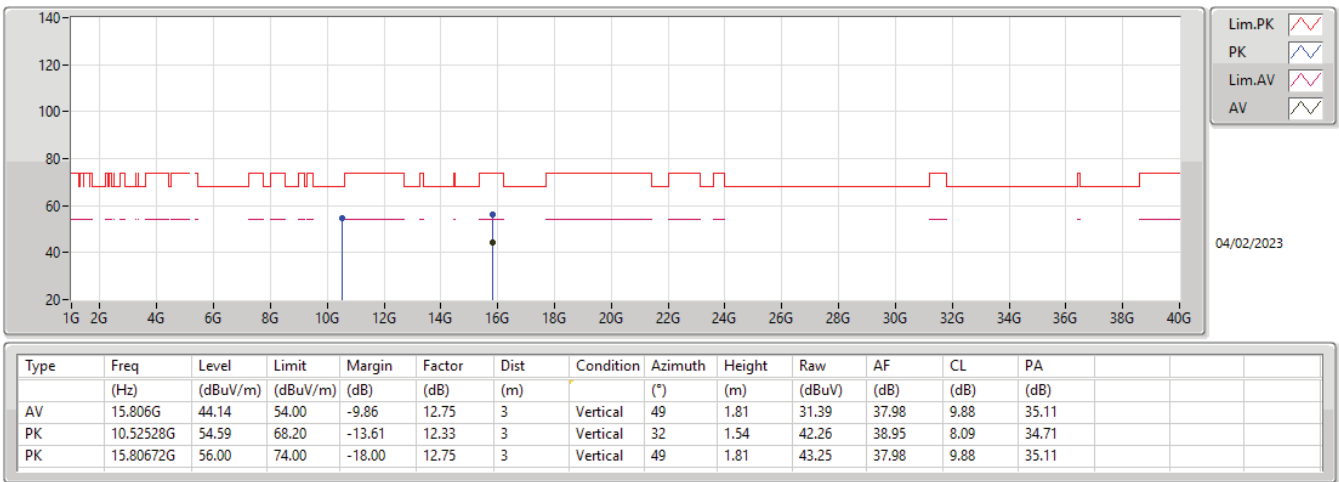
5270MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2712G	108.42	Inf	-Inf	4.38	3	Horizontal	63	1.03	104.04	33.06	5.92	34.60
AV	5.354G	53.27	54.00	-0.73	4.29	3	Horizontal	63	1.03	48.98	32.91	5.96	34.58
PK	5.2712G	119.58	Inf	-Inf	4.38	3	Horizontal	63	1.03	115.20	33.06	5.92	34.60
PK	5.3536G	64.90	74.00	-9.10	4.29	3	Horizontal	63	1.03	60.61	32.91	5.96	34.58

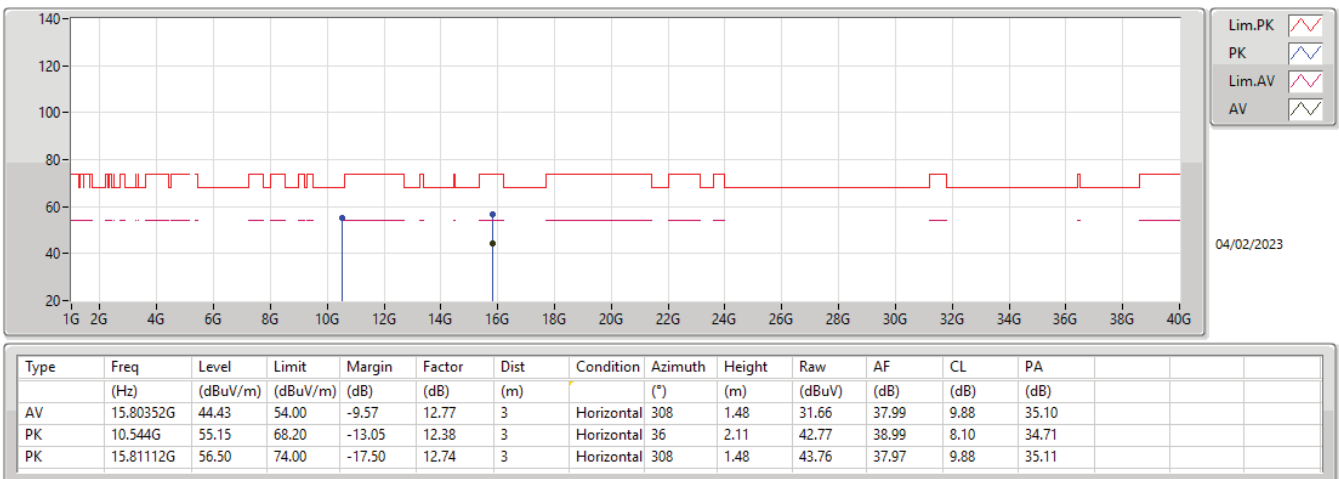
5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TX



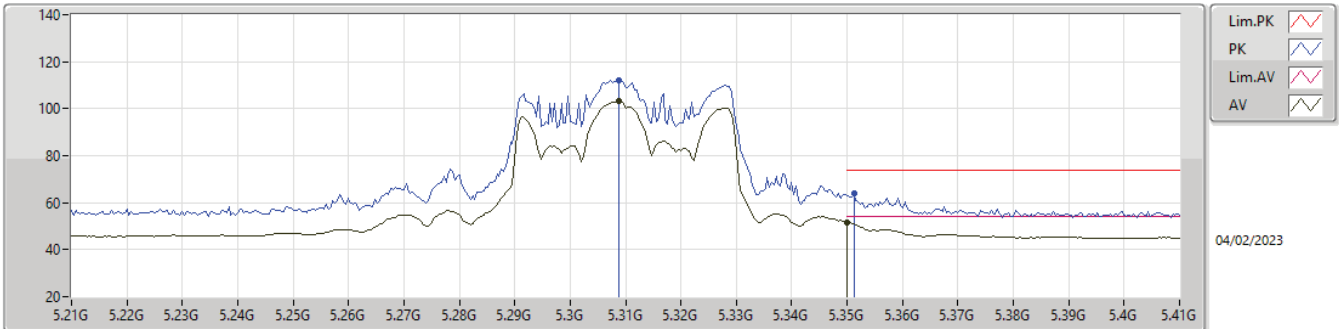
5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TX



5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

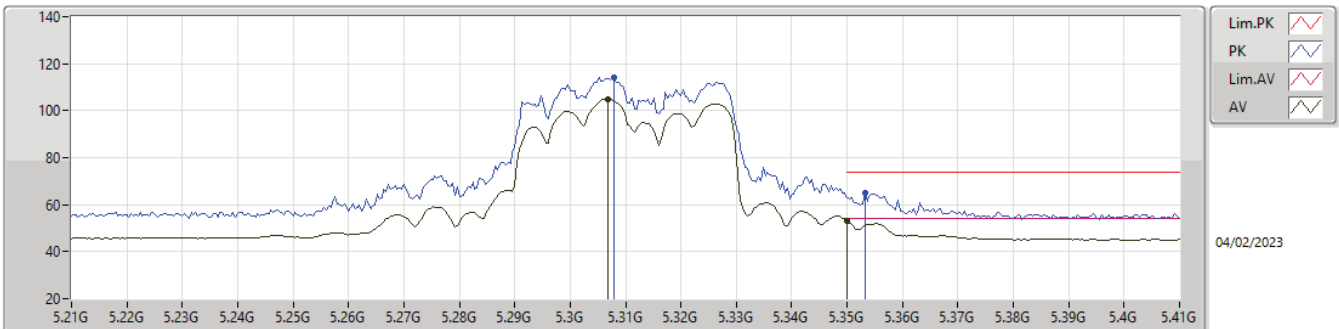
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.3088G	103.09	Inf	-Inf	4.33	3	Vertical	337	1.39	98.76	32.98	5.94	34.59				
AV	5.35G	51.77	54.00	-2.23	4.28	3	Vertical	337	1.39	47.49	32.90	5.96	34.58				
PK	5.3088G	111.96	Inf	-Inf	4.33	3	Vertical	337	1.39	107.63	32.98	5.94	34.59				
PK	5.3512G	63.94	74.00	-10.06	4.28	3	Vertical	337	1.39	59.66	32.90	5.96	34.58				

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

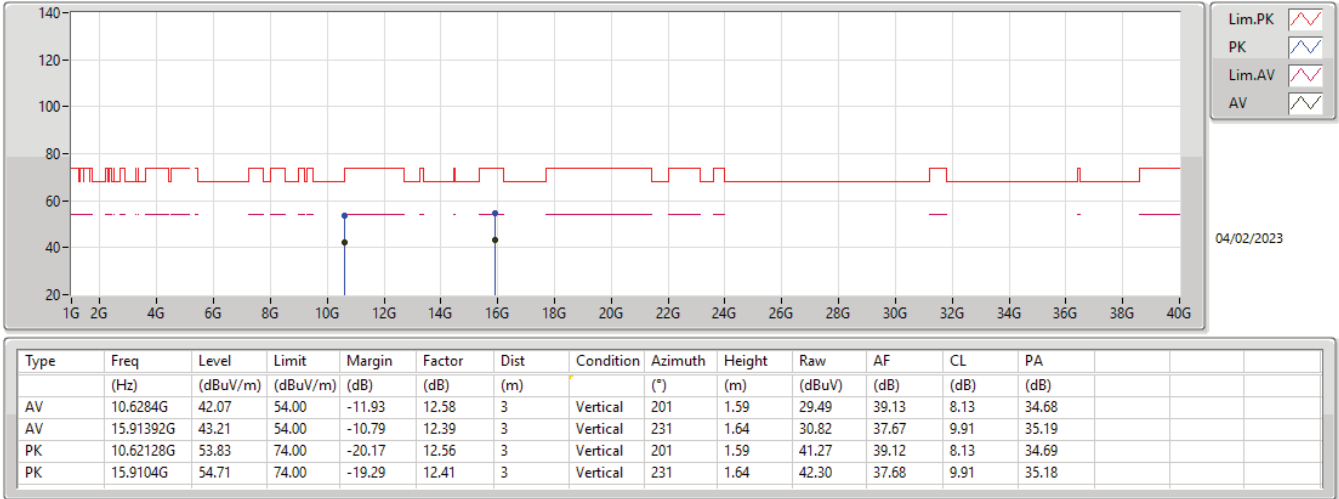
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.3068G	104.87	Inf	-Inf	4.34	3	Horizontal	347	1.80	100.53	32.99	5.94	34.59				
AV	5.35G	53.19	54.00	-0.81	4.28	3	Horizontal	347	1.80	48.91	32.90	5.96	34.58				
PK	5.308G	114.10	Inf	-Inf	4.33	3	Horizontal	347	1.80	109.77	32.98	5.94	34.59				
PK	5.3532G	64.98	74.00	-9.02	4.29	3	Horizontal	347	1.80	60.69	32.91	5.96	34.58				

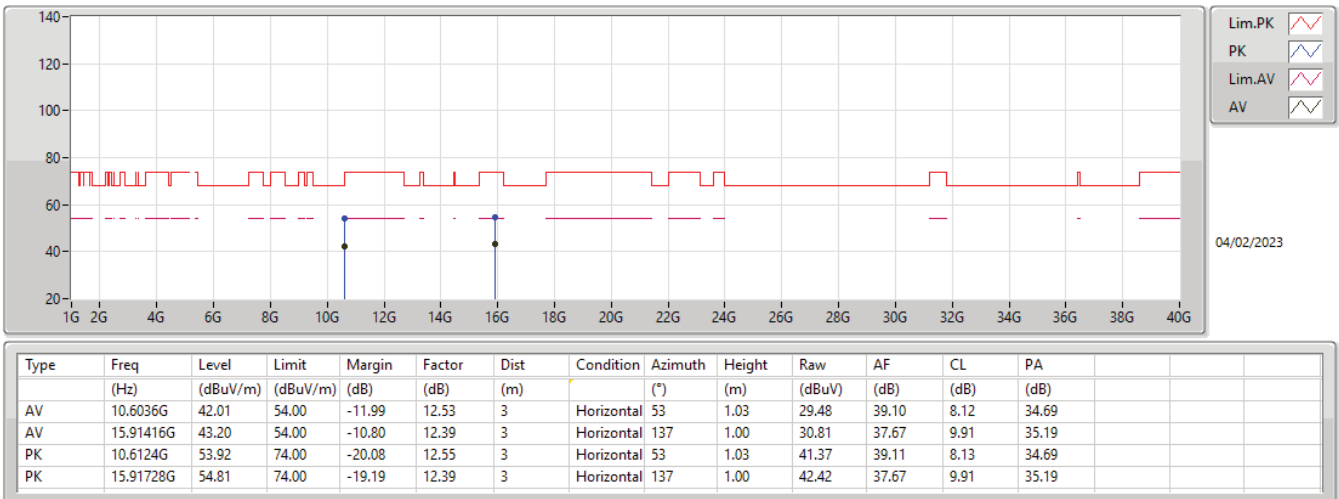
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5310MHz_TX



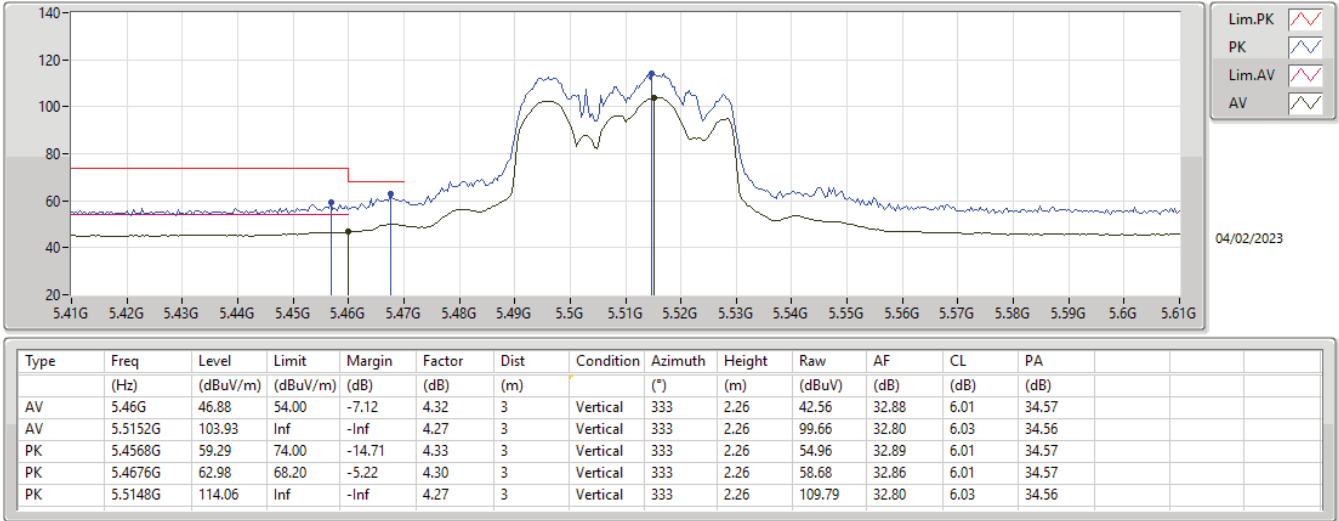
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5310MHz_TX



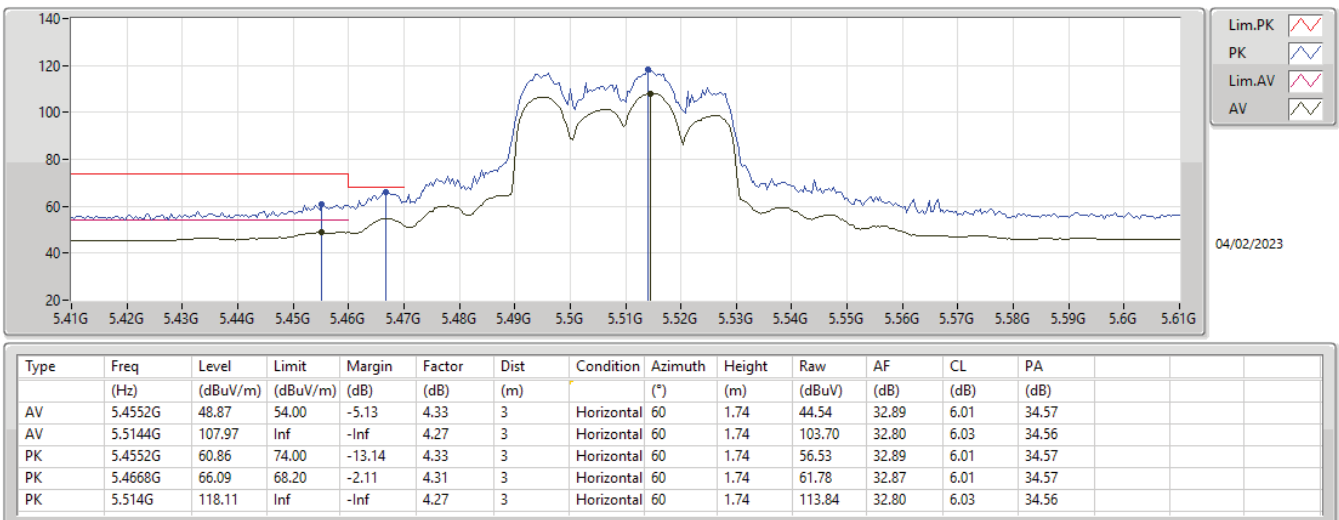
5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5510MHz_TX



5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

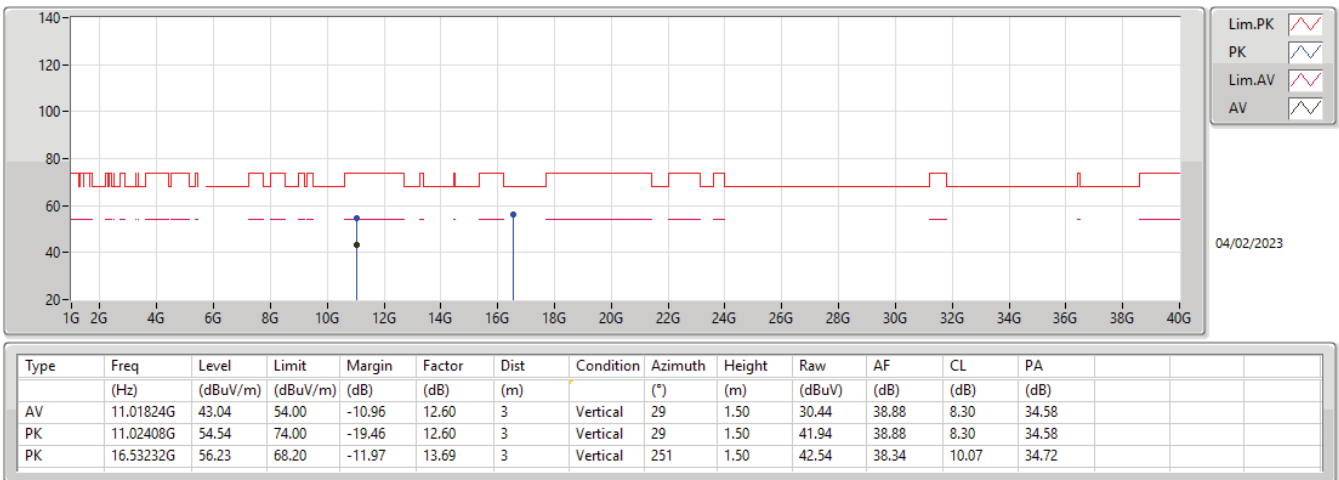
5510MHz_TX





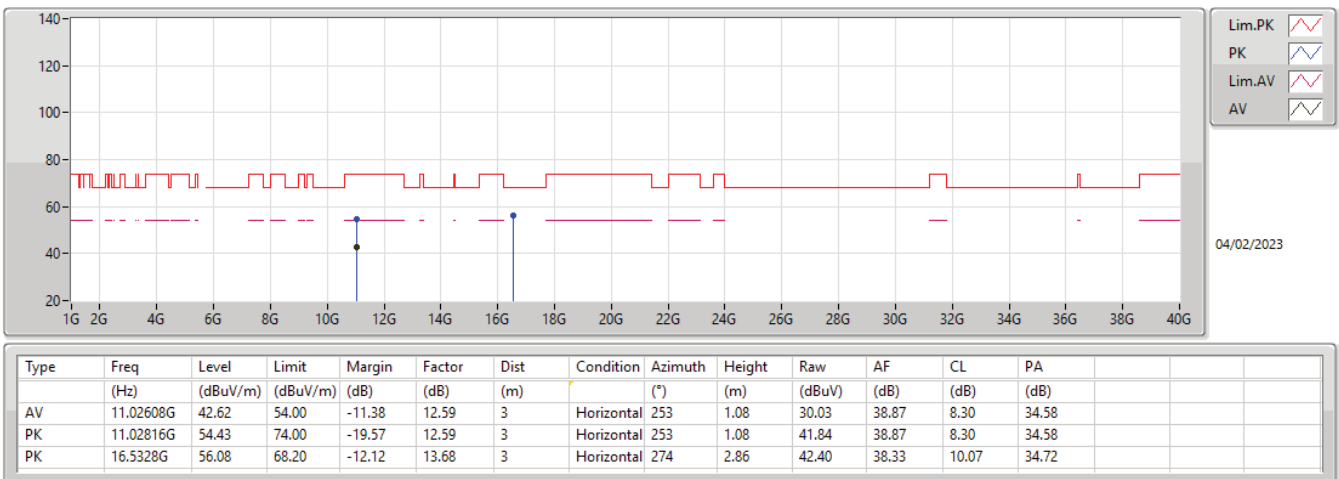
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TX



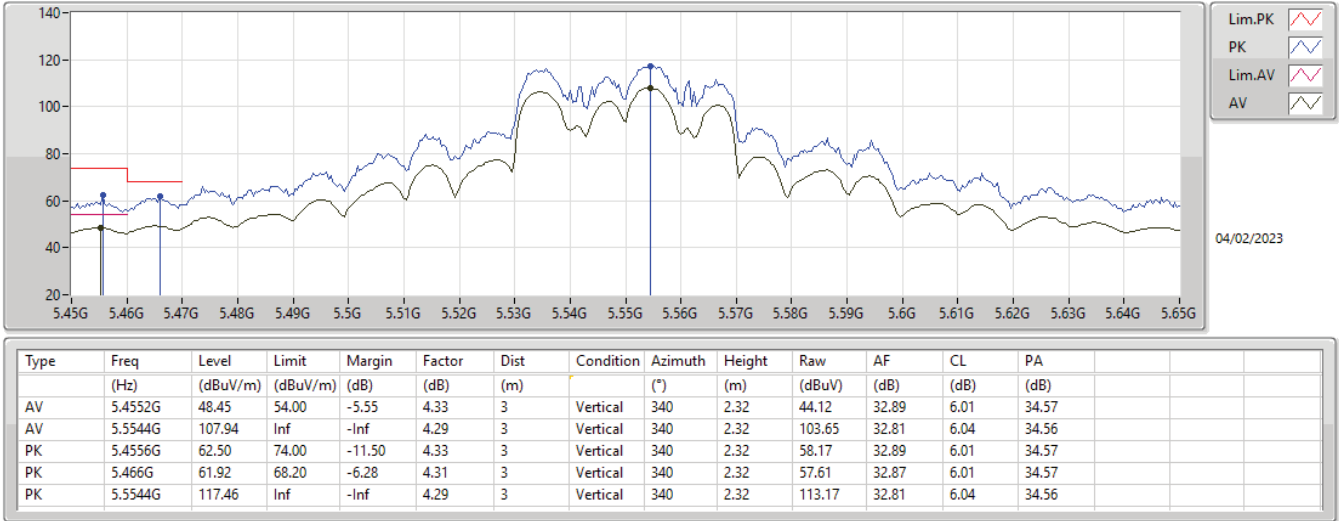
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TX



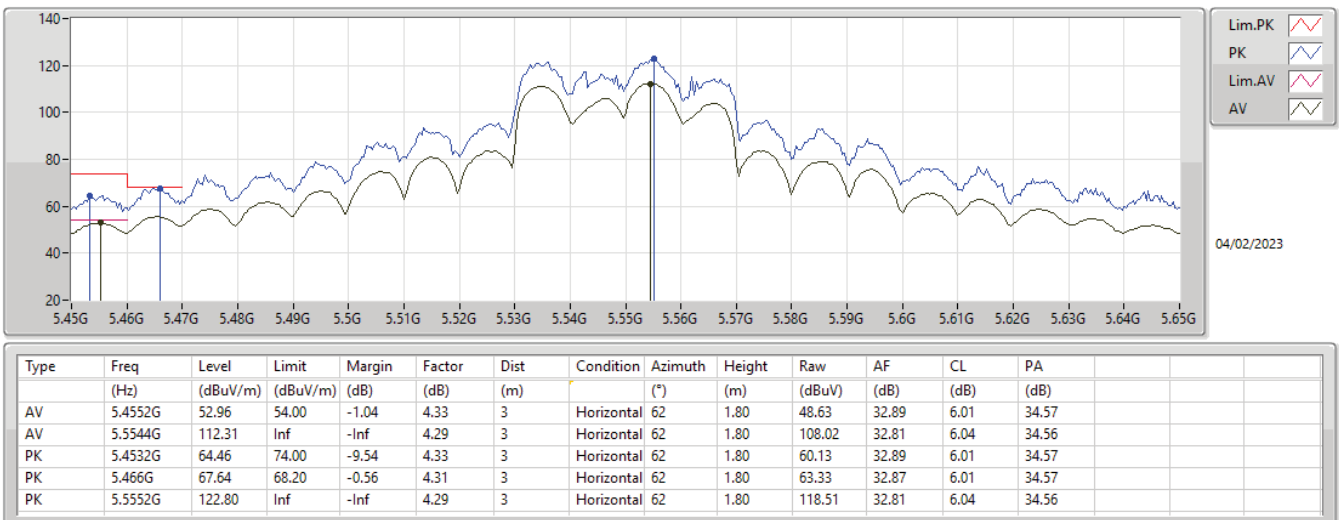
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5550MHz_TX



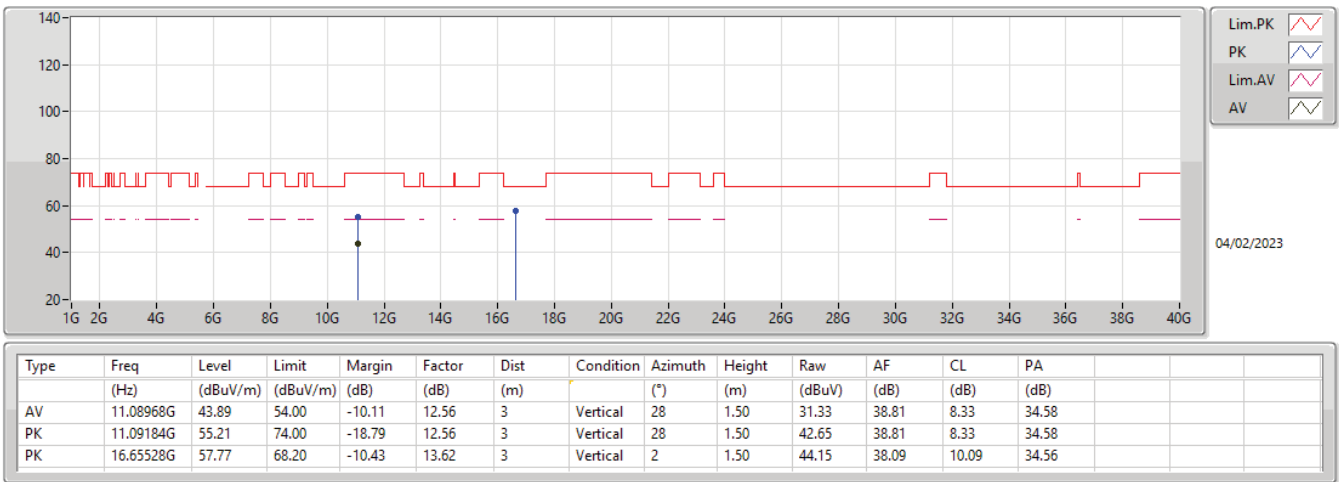
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5550MHz_TX



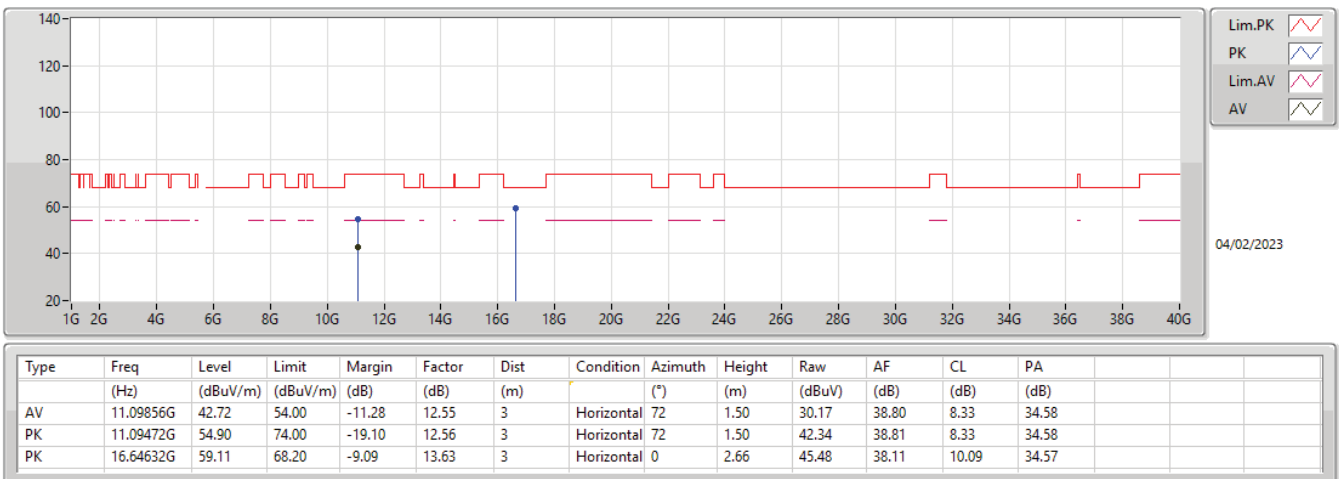
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TX



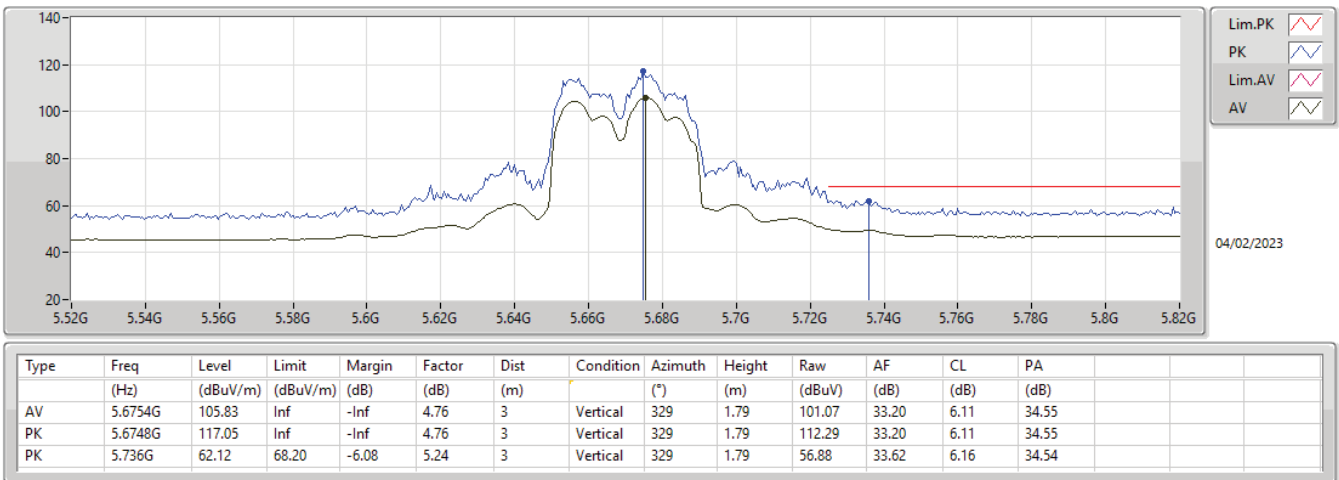
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5550MHz_TX



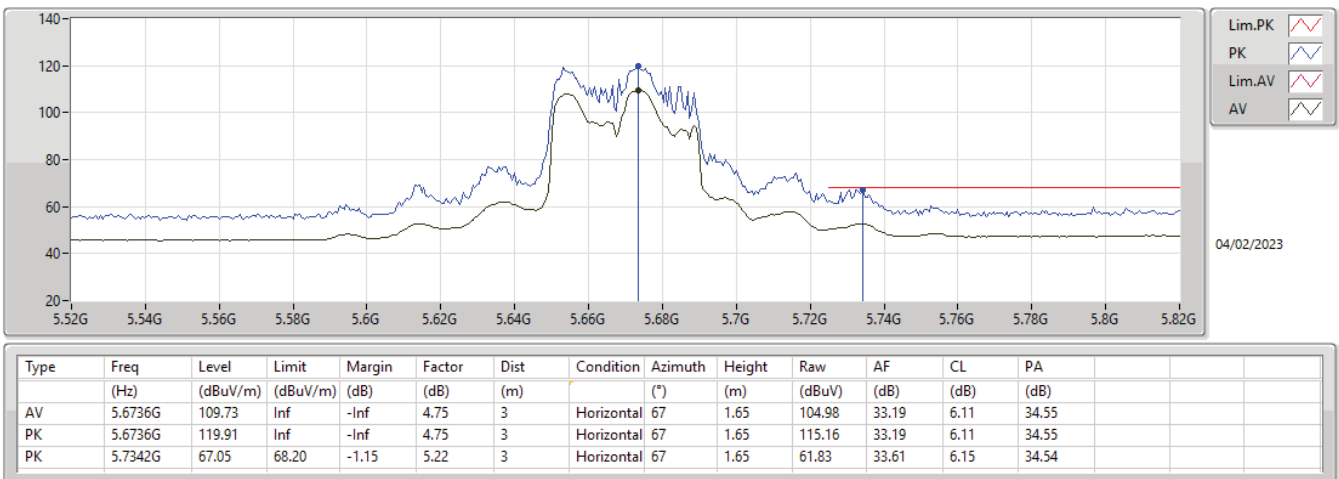
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TX



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

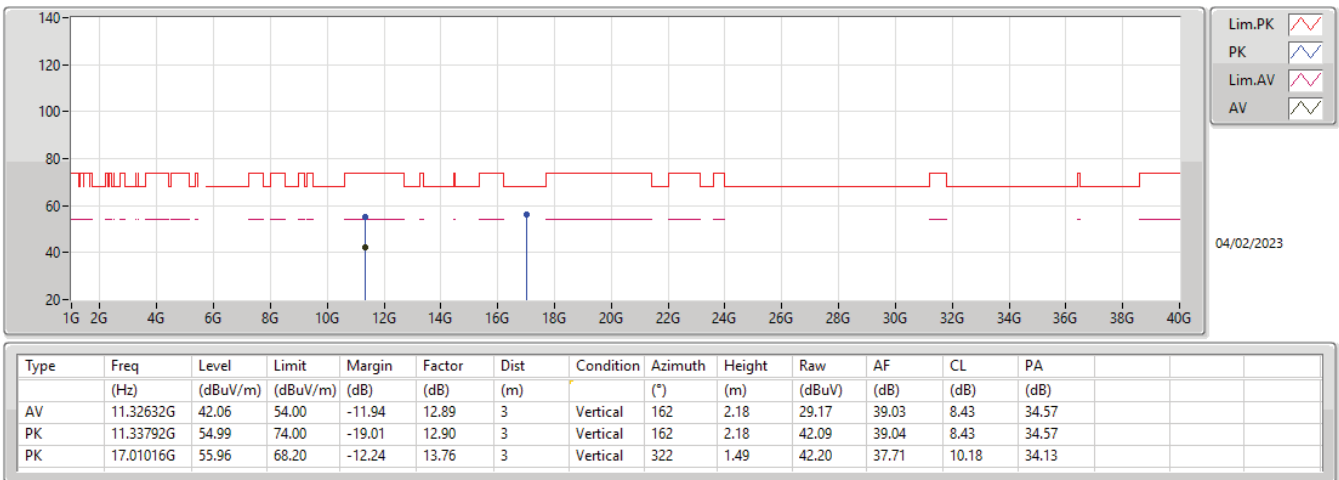
5670MHz_TX





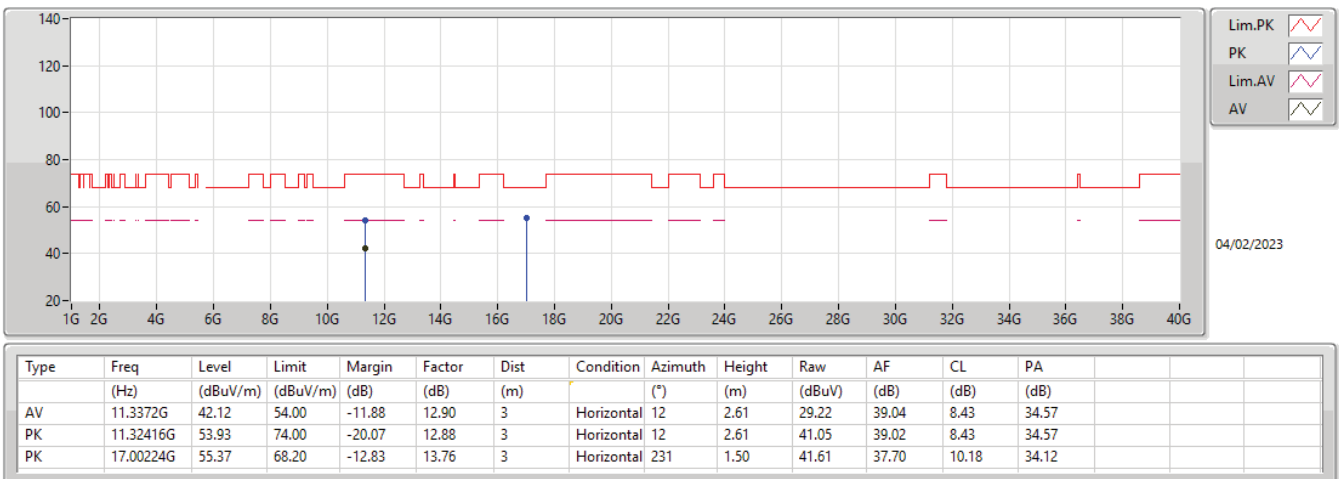
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5670MHz_TX



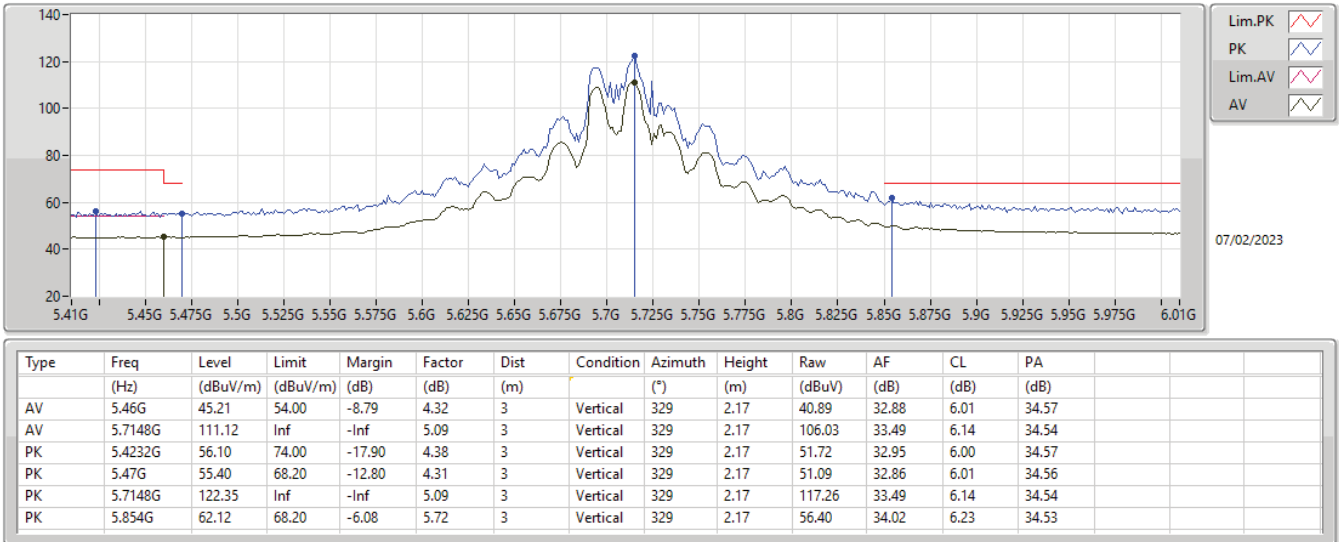
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5670MHz_TX



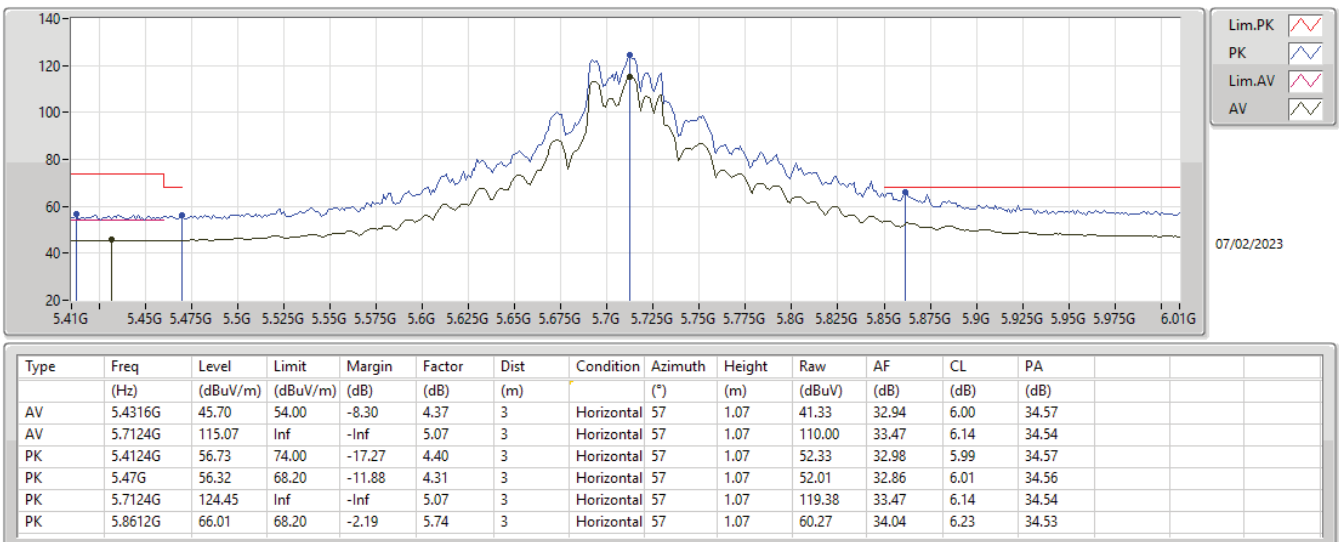
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

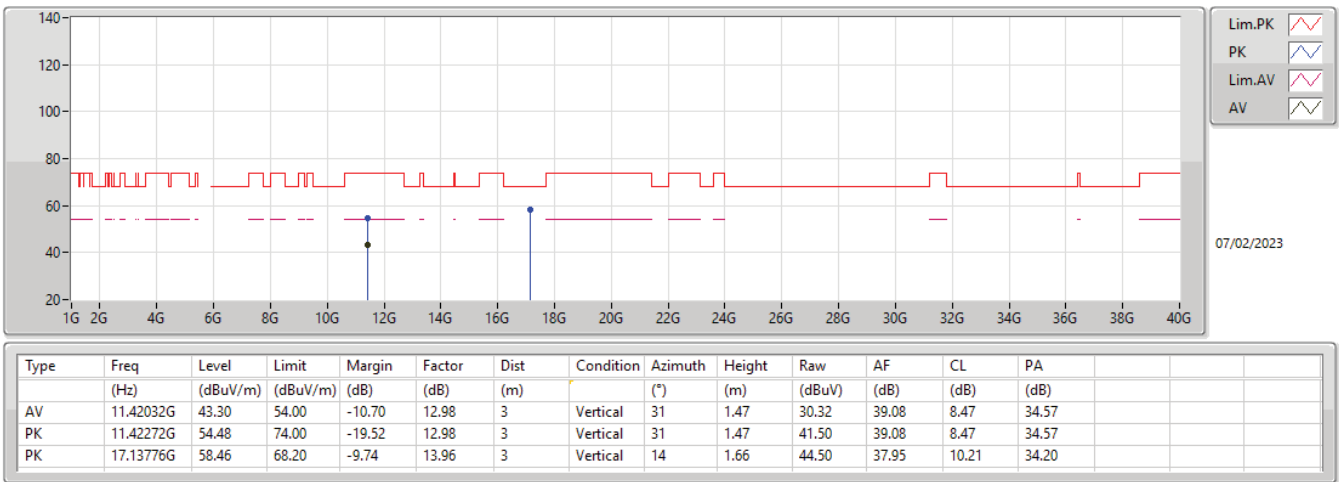
5710MHz Straddle 5.47-5.725GHz_TX





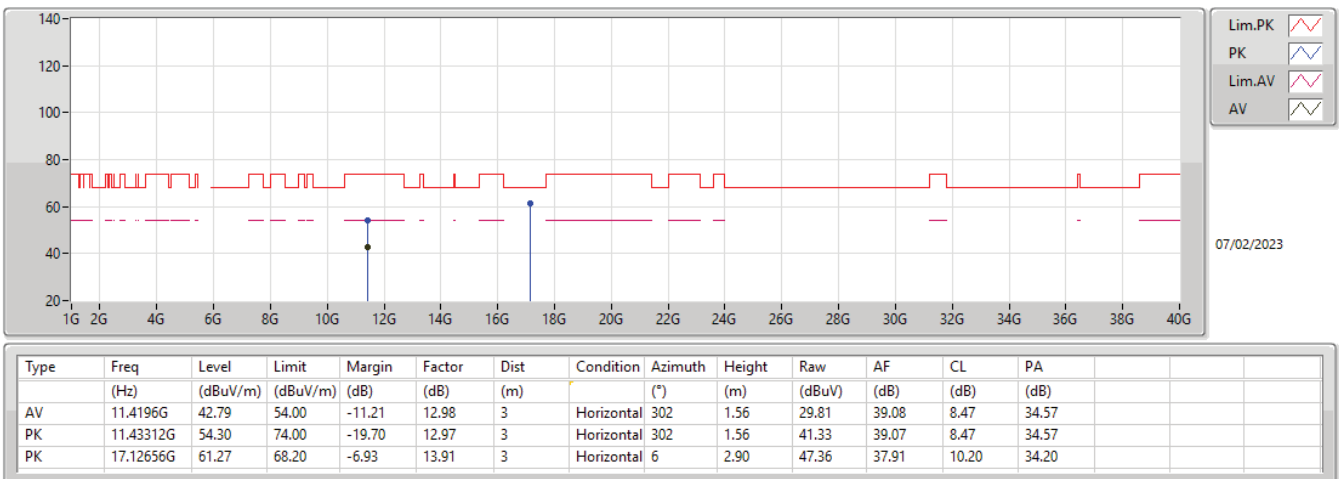
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX



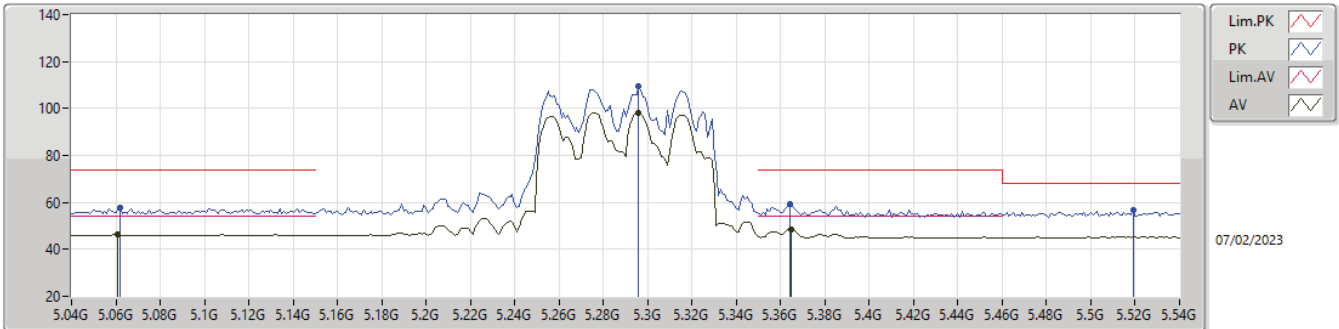
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX



5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

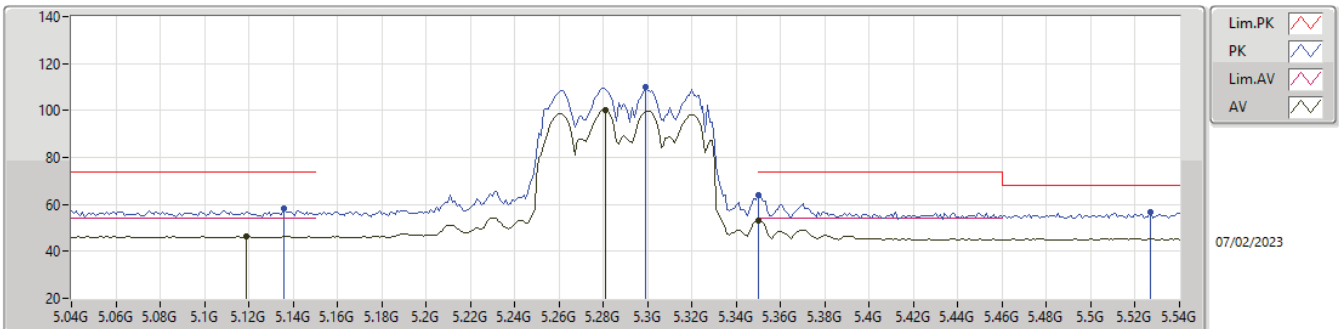
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.061G	46.27	54.00	-7.73	4.35	3	Vertical	324	2.56	41.92	33.16	5.82	34.63
AV	5.296G	98.18	Inf	-Inf	4.35	3	Vertical	324	2.56	93.83	33.01	5.93	34.59
AV	5.365G	48.47	54.00	-5.53	4.32	3	Vertical	324	2.56	44.15	32.93	5.97	34.58
PK	5.062G	57.51	74.00	-16.49	4.34	3	Vertical	324	2.56	53.17	33.15	5.82	34.63
PK	5.296G	109.41	Inf	-Inf	4.35	3	Vertical	324	2.56	105.06	33.01	5.93	34.59
PK	5.364G	59.40	74.00	-14.60	4.32	3	Vertical	324	2.56	55.08	32.93	5.97	34.58
PK	5.519G	56.56	68.20	-11.64	4.27	3	Vertical	324	2.56	52.29	32.80	6.03	34.56

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TX

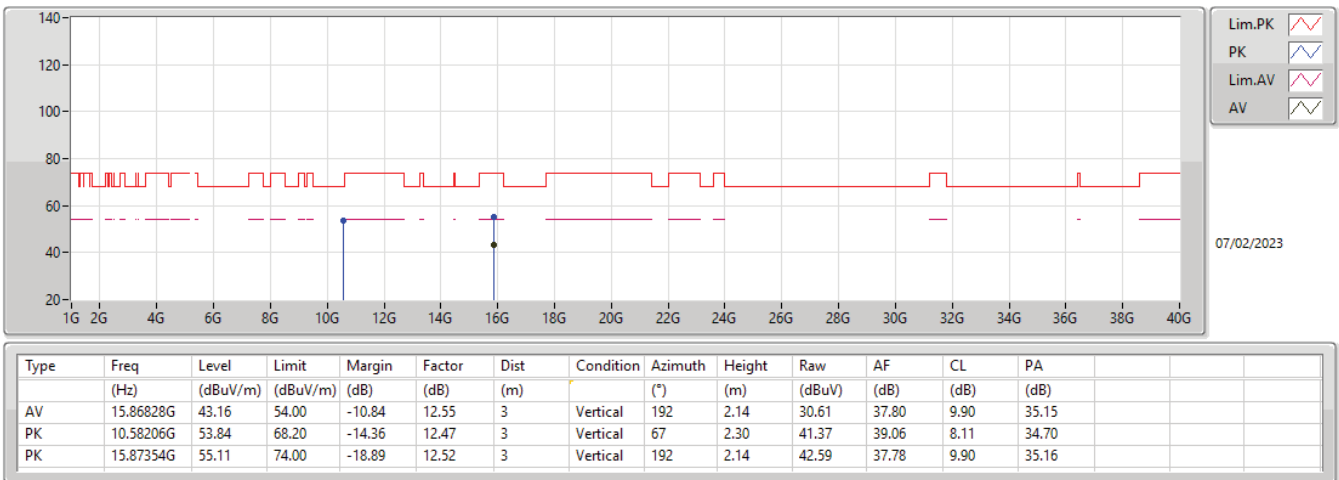


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.119G	46.34	54.00	-7.66	4.22	3	Horizontal	56	2.81	42.12	33.00	5.84	34.62
AV	5.281G	99.95	Inf	-Inf	4.36	3	Horizontal	56	2.81	95.59	33.04	5.92	34.60
AV	5.35G	53.10	54.00	-0.90	4.28	3	Horizontal	56	2.81	48.82	32.90	5.96	34.58
PK	5.136G	58.03	74.00	-15.97	4.23	3	Horizontal	56	2.81	53.80	33.00	5.85	34.62
PK	5.299G	109.89	Inf	-Inf	4.34	3	Horizontal	56	2.81	105.55	33.00	5.93	34.59
PK	5.35G	63.79	74.00	-10.21	4.28	3	Horizontal	56	2.81	59.51	32.90	5.96	34.58
PK	5.527G	56.47	68.20	-11.73	4.27	3	Horizontal	56	2.81	52.20	32.80	6.03	34.56



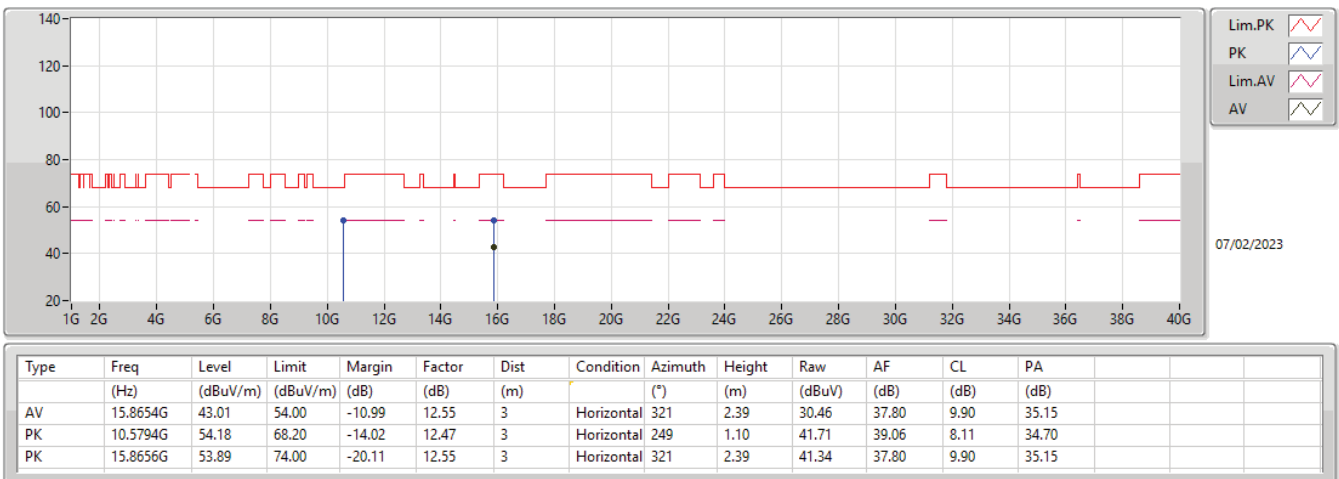
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TX



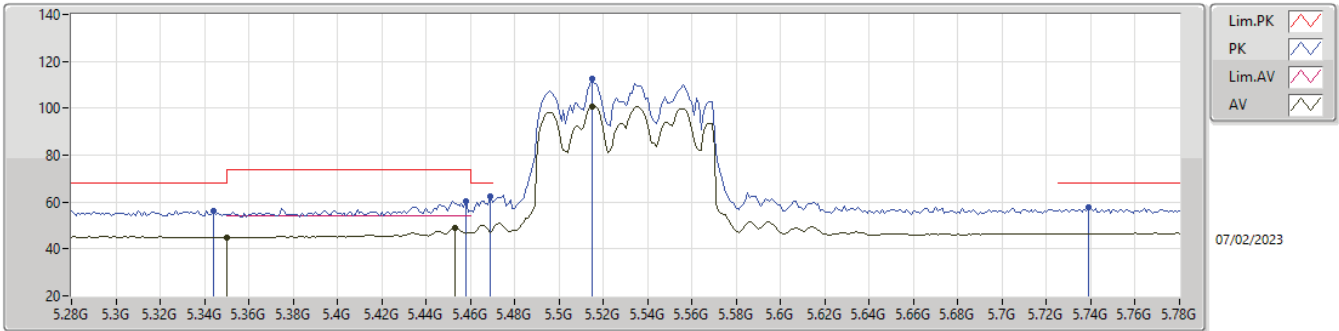
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

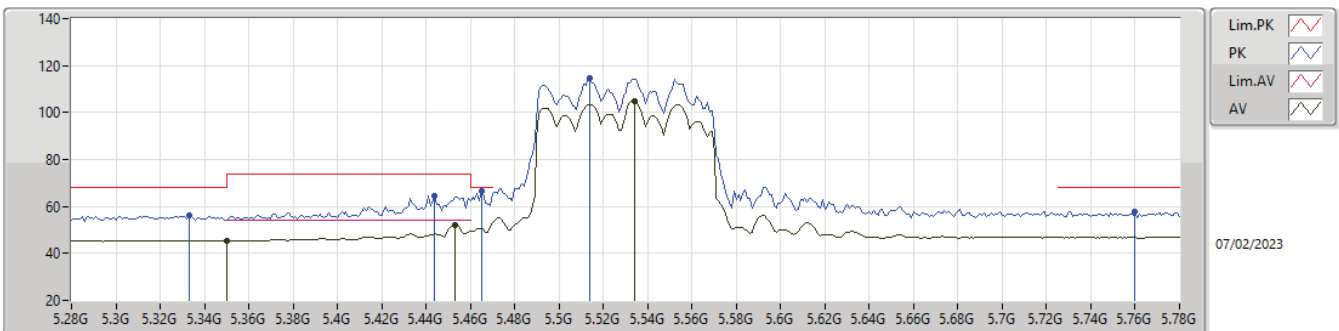
5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	44.89	54.00	-9.11	4.28	3	Vertical	324	2.54	40.61	32.90	5.96	34.58
AV	5.453G	48.99	54.00	-5.01	4.33	3	Vertical	324	2.54	44.66	32.89	6.01	34.57
AV	5.515G	100.89	Inf	-Inf	4.27	3	Vertical	324	2.54	96.62	32.80	6.03	34.56
PK	5.344G	56.29	68.20	-11.91	4.29	3	Vertical	324	2.54	52.00	32.91	5.96	34.58
PK	5.458G	60.42	74.00	-13.58	4.32	3	Vertical	324	2.54	56.10	32.88	6.01	34.57
PK	5.469G	62.20	68.20	-6.00	4.31	3	Vertical	324	2.54	57.89	32.86	6.01	34.56
PK	5.515G	112.45	Inf	-Inf	4.27	3	Vertical	324	2.54	108.18	32.80	6.03	34.56
PK	5.739G	57.70	68.20	-10.50	5.25	3	Vertical	324	2.54	52.45	33.63	6.16	34.54

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TX

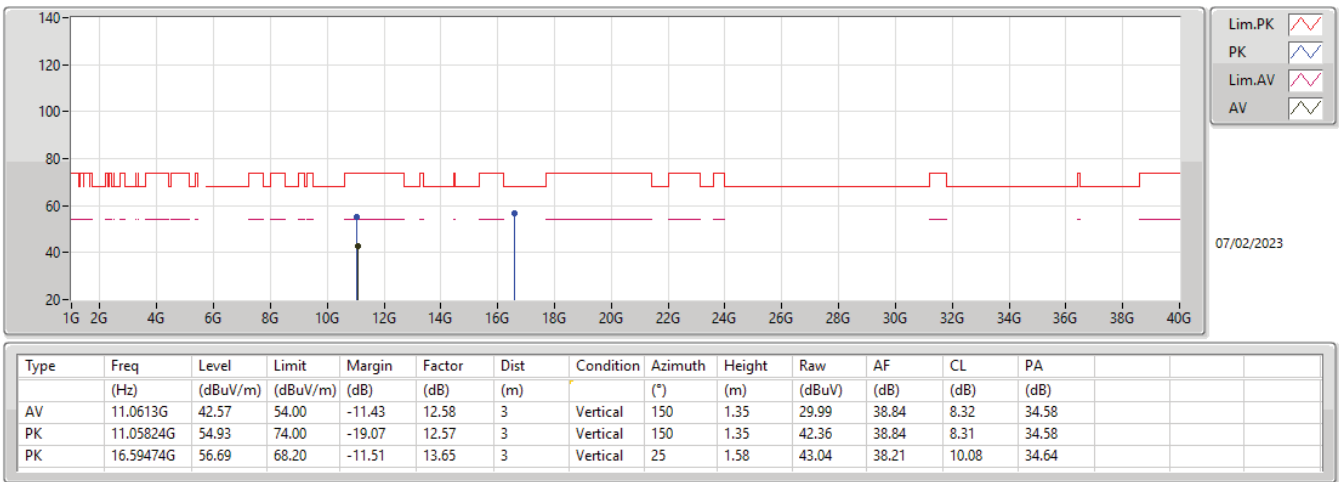


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	45.42	54.00	-8.58	4.28	3	Horizontal	50	1.13	41.14	32.90	5.96	34.58
AV	5.453G	51.86	54.00	-2.14	4.33	3	Horizontal	50	1.13	47.53	32.89	6.01	34.57
AV	5.534G	104.75	Inf	-Inf	4.28	3	Horizontal	50	1.13	100.47	32.80	6.04	34.56
PK	5.333G	56.24	68.20	-11.96	4.29	3	Horizontal	50	1.13	51.95	32.93	5.95	34.59
PK	5.444G	64.42	74.00	-9.58	4.35	3	Horizontal	50	1.13	60.07	32.91	6.01	34.57
PK	5.465G	66.39	68.20	-1.81	4.31	3	Horizontal	50	1.13	62.08	32.87	6.01	34.57
PK	5.514G	114.85	Inf	-Inf	4.27	3	Horizontal	50	1.13	110.58	32.80	6.03	34.56
PK	5.76G	57.73	68.20	-10.47	5.37	3	Horizontal	50	1.13	52.36	33.74	6.17	34.54



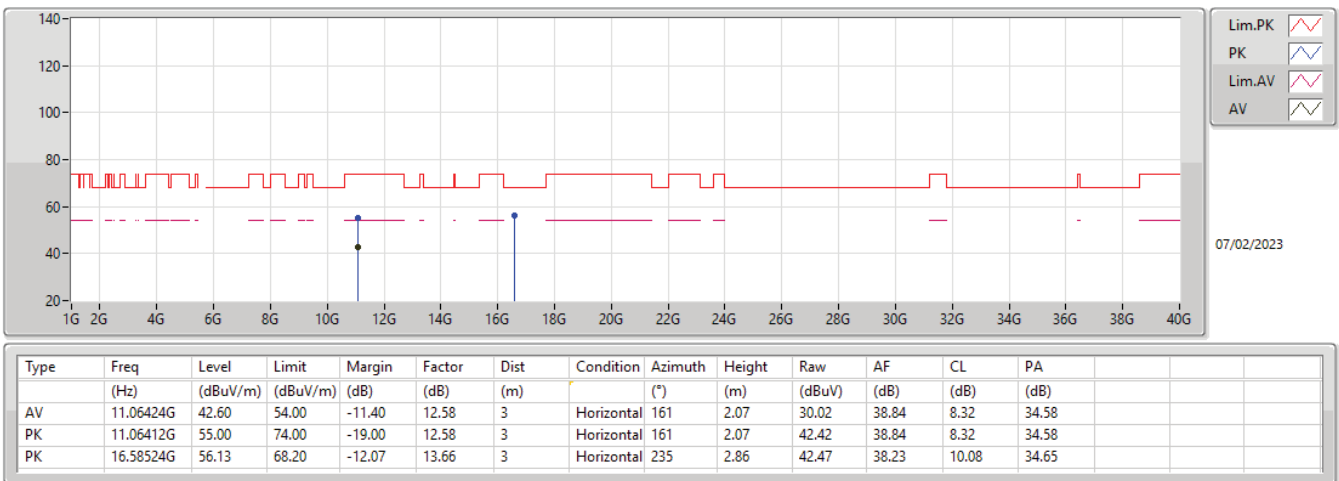
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

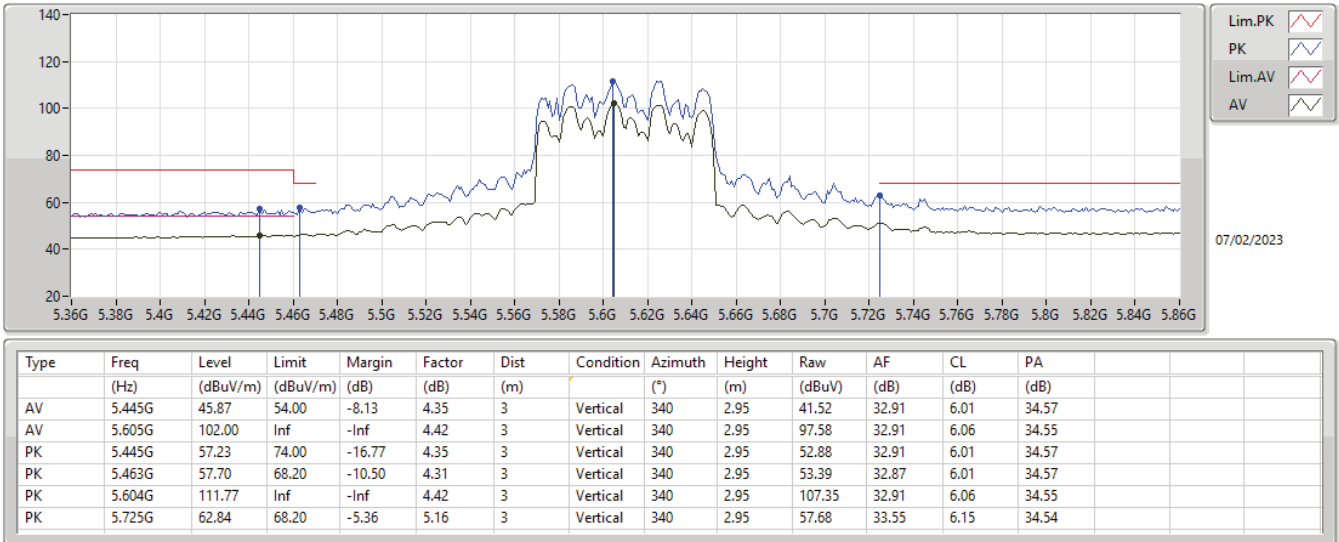
5530MHz_TX





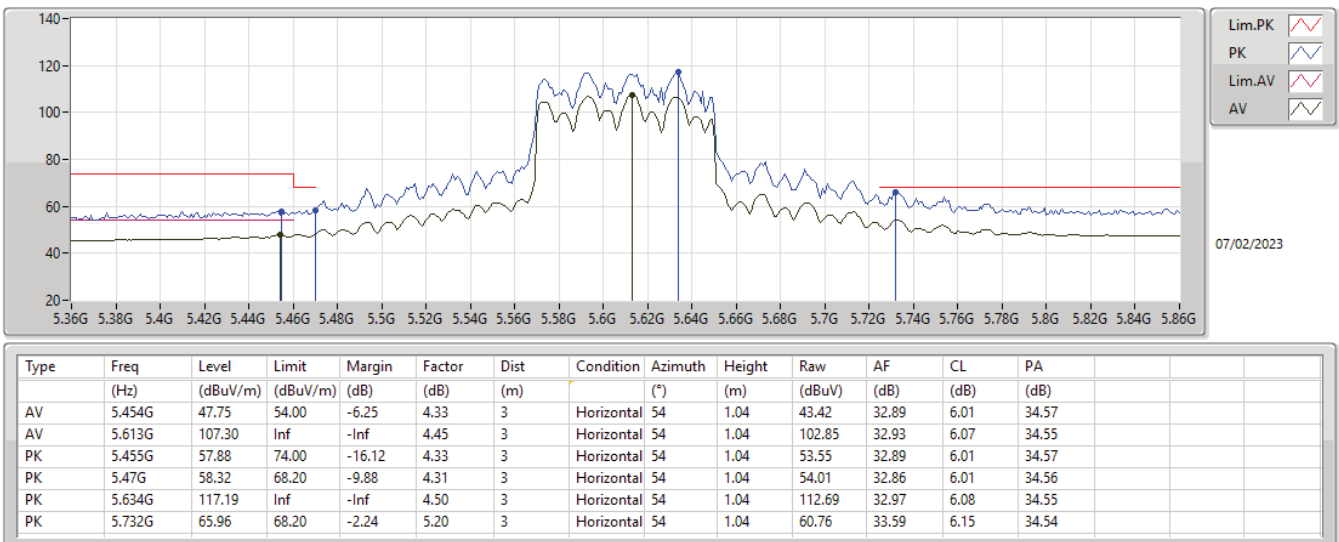
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

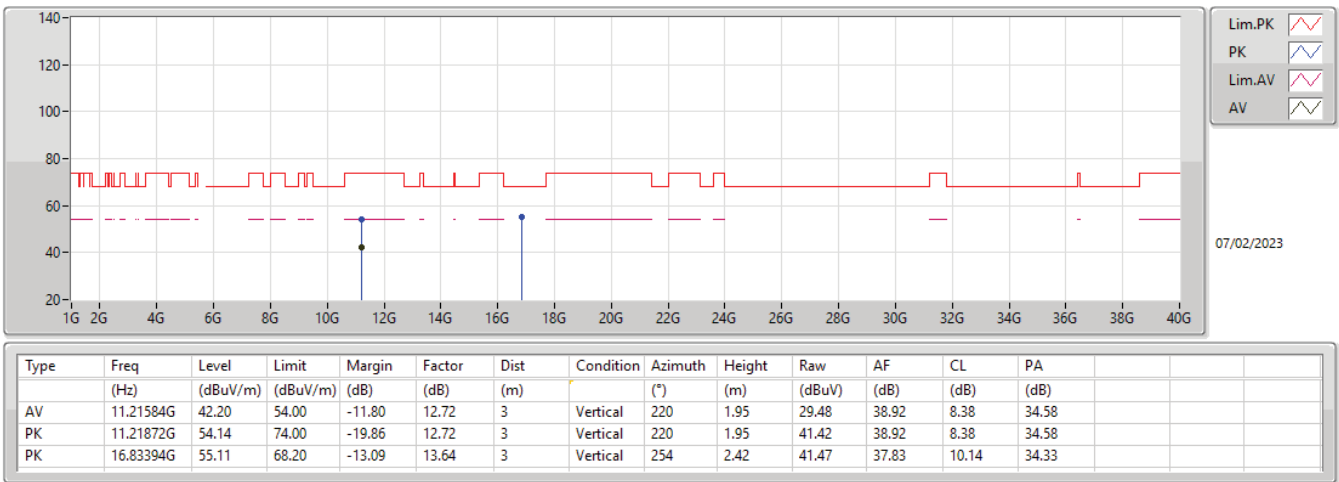
5610MHz_TX





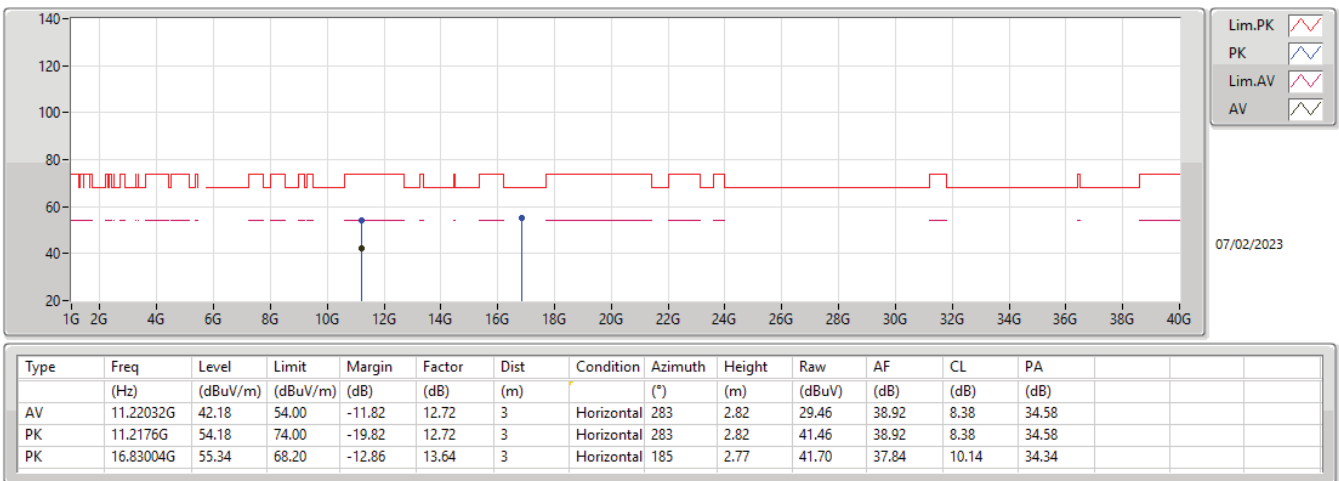
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

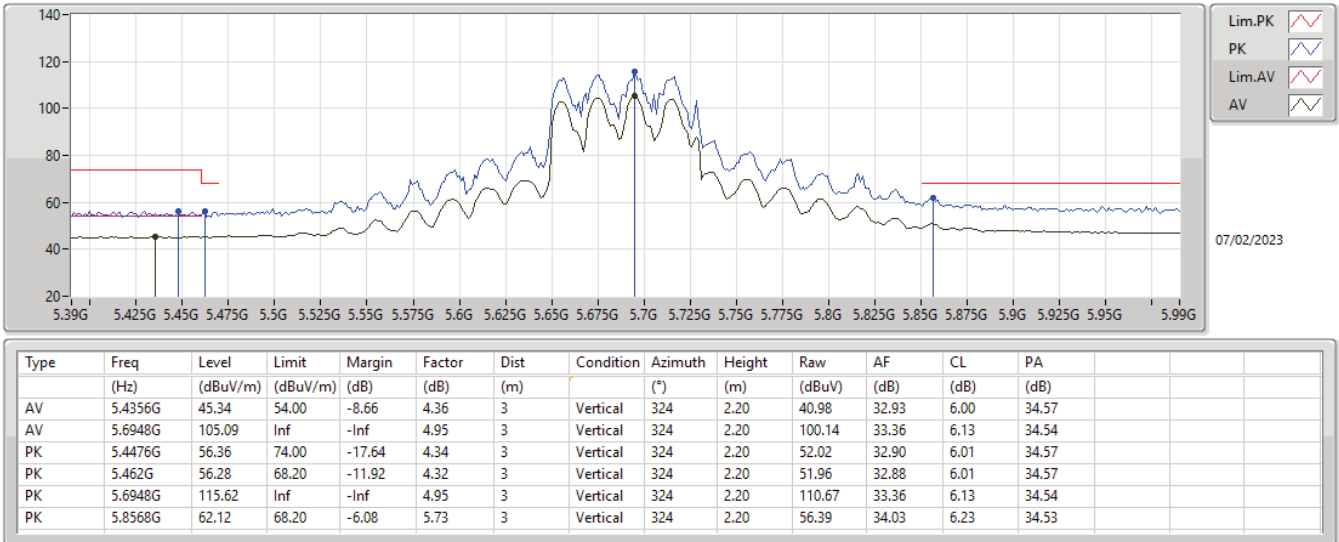
5610MHz_TX





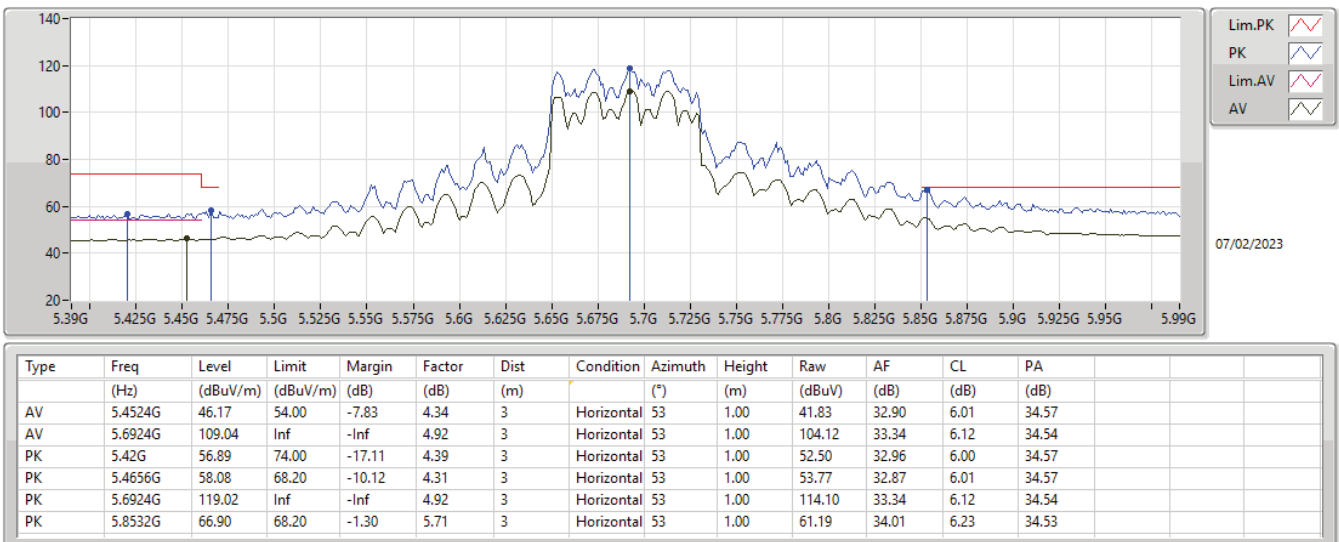
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

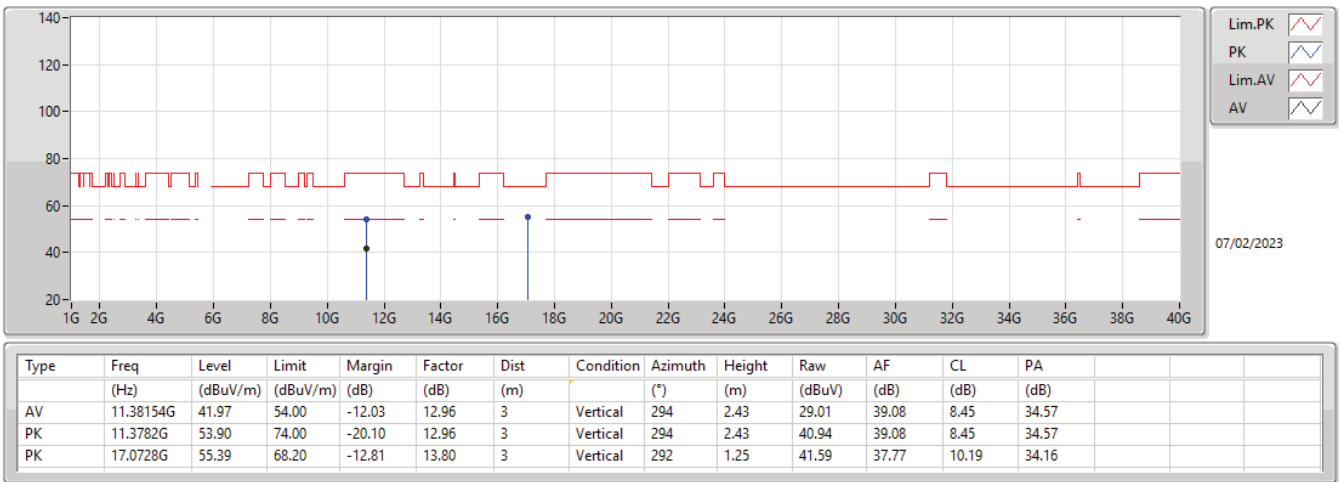
5690MHz Straddle 5.47-5.725GHz_TX





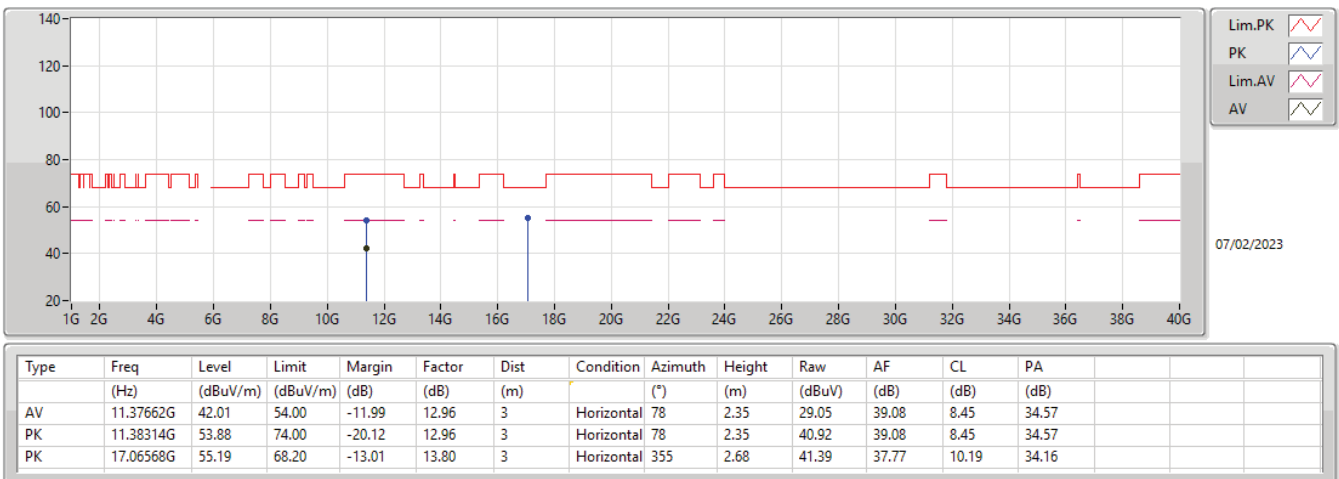
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

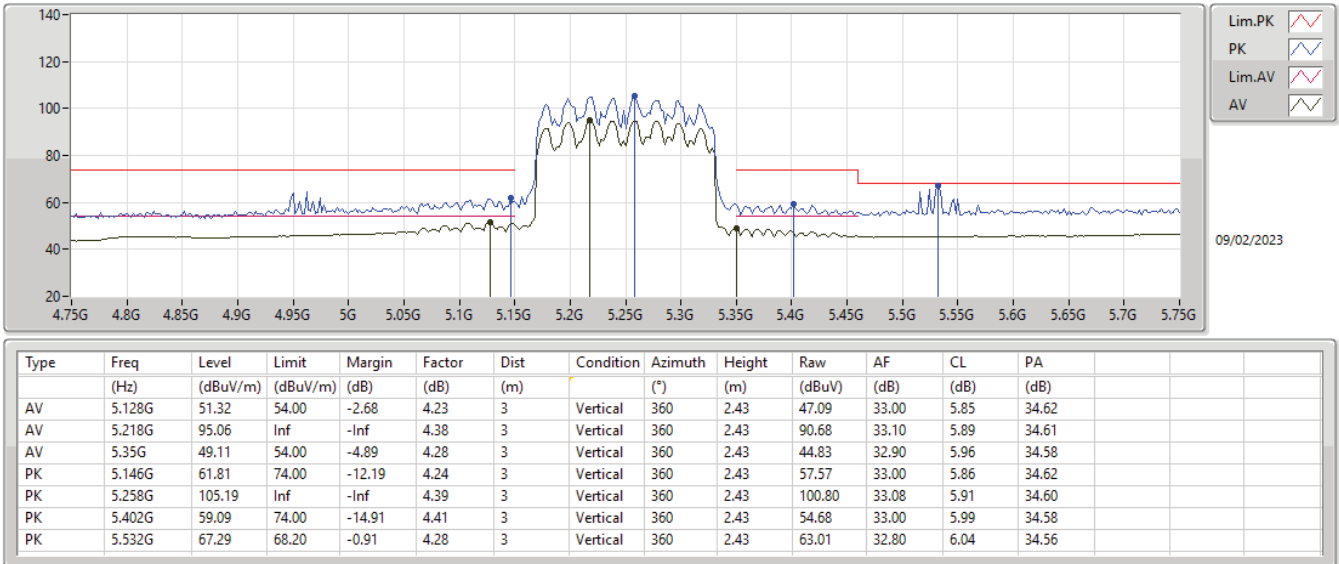
5690MHz Straddle 5.47-5.725GHz_TX





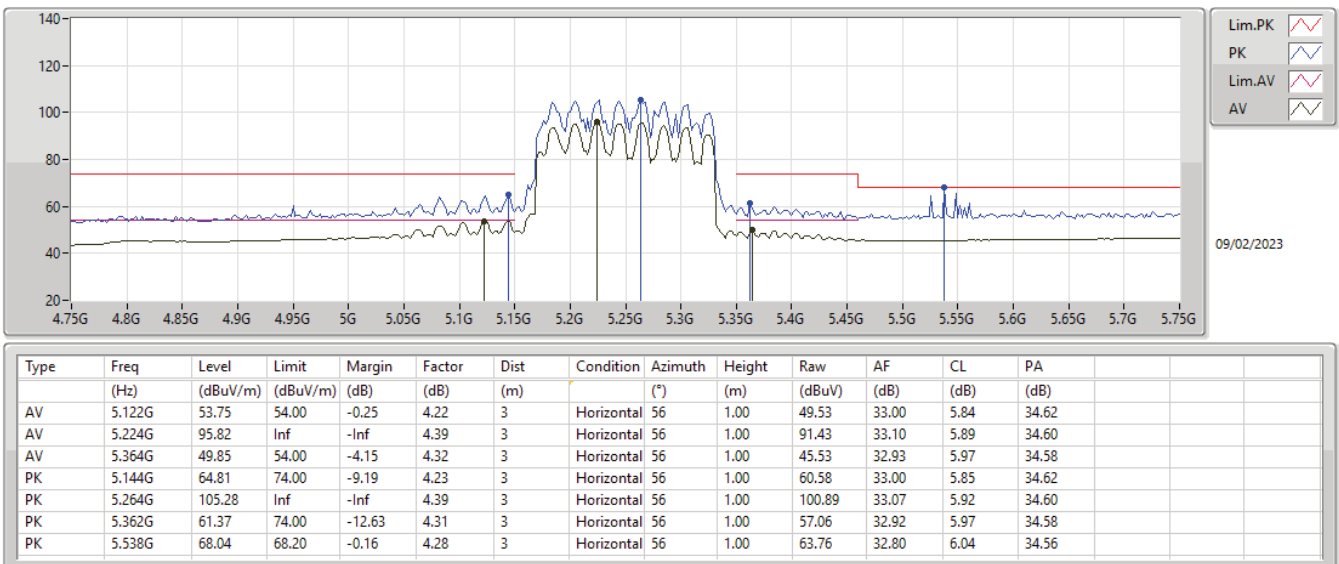
5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX



5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

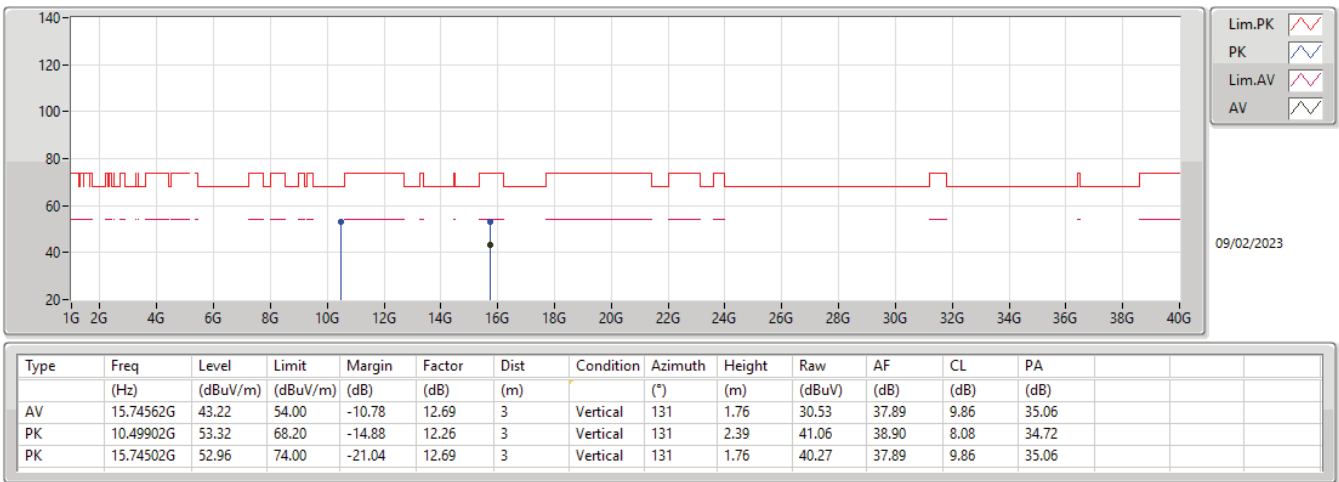
5250MHz Straddle 5.25-5.35GHz_TX





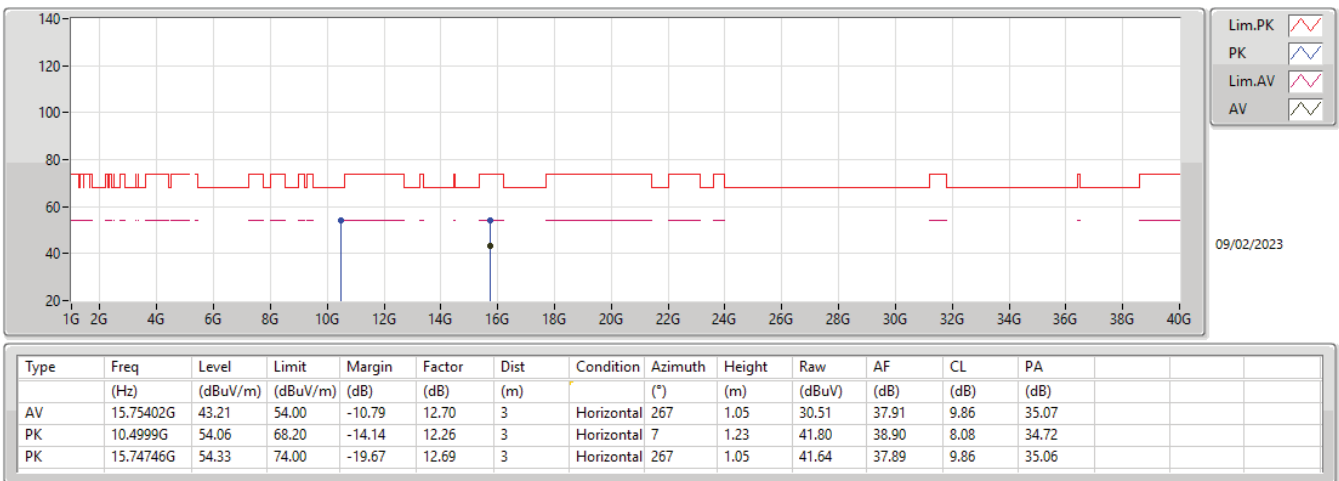
5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX



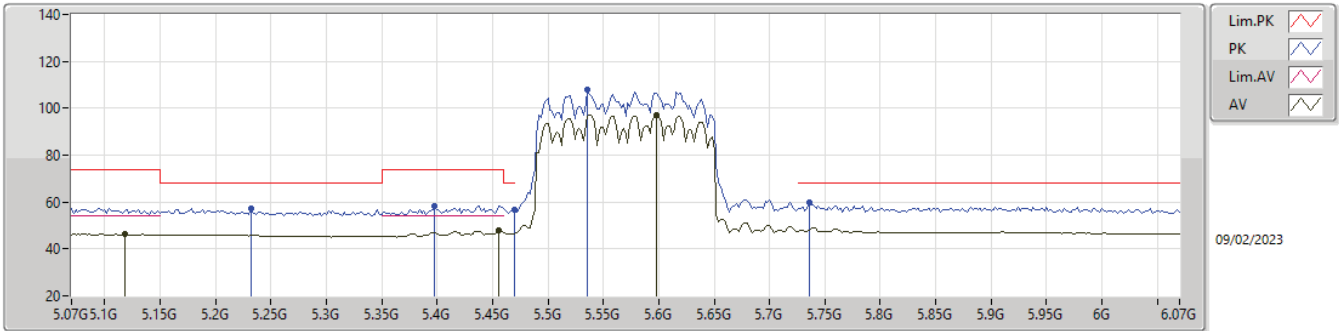
5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX



5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

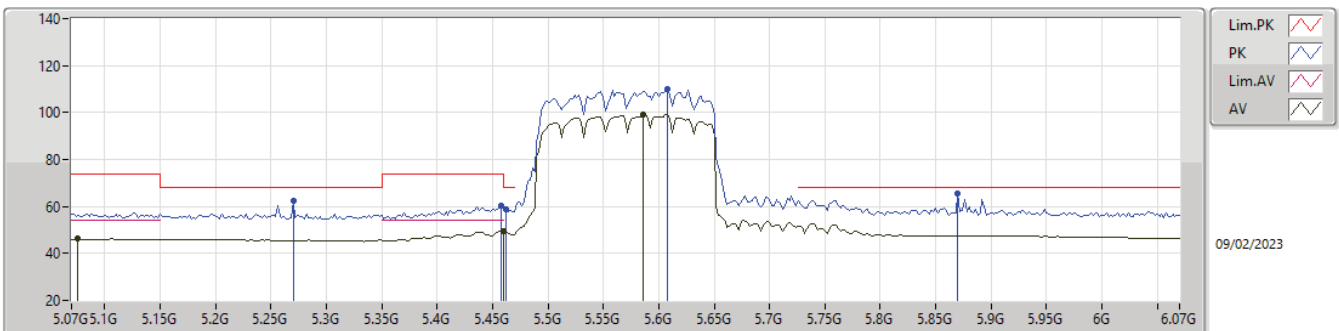
5570MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.118G	46.31	54.00	-7.69	4.22	3	Vertical	360	1.86	42.09	33.00	5.84	34.62
AV	5.456G	47.83	54.00	-6.17	4.33	3	Vertical	360	1.86	43.50	32.89	6.01	34.57
AV	5.598G	97.23	Inf	-Inf	4.41	3	Vertical	360	1.86	92.82	32.90	6.06	34.55
PK	5.232G	57.08	68.20	-11.12	4.40	3	Vertical	360	1.86	52.68	33.10	5.90	34.60
PK	5.398G	58.26	74.00	-15.74	4.41	3	Vertical	360	1.86	53.85	33.00	5.99	34.58
PK	5.47G	56.88	68.20	-11.32	4.31	3	Vertical	360	1.86	52.57	32.86	6.01	34.56
PK	5.536G	108.09	Inf	-Inf	4.28	3	Vertical	360	1.86	103.81	32.80	6.04	34.56
PK	5.736G	59.60	68.20	-8.60	5.24	3	Vertical	360	1.86	54.36	33.62	6.16	34.54

5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TX

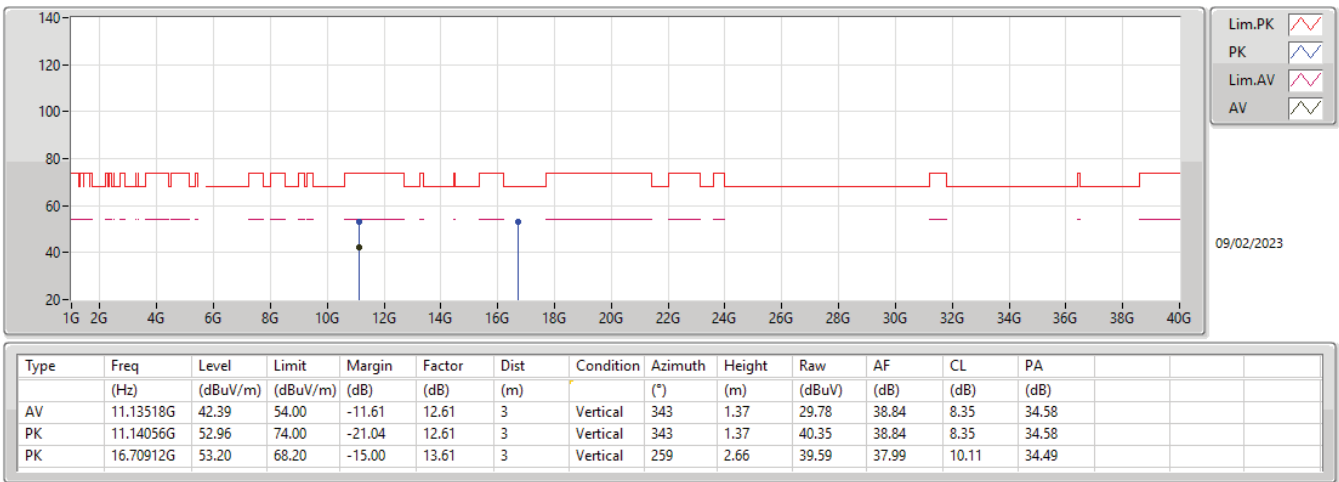


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.076G	46.26	54.00	-7.74	4.29	3	Horizontal	61	2.02	41.97	33.10	5.82	34.63
AV	5.46G	49.26	54.00	-4.74	4.32	3	Horizontal	61	2.02	44.94	32.88	6.01	34.57
AV	5.586G	98.94	Inf	-Inf	4.38	3	Horizontal	61	2.02	94.56	32.87	6.06	34.55
PK	5.27G	62.29	68.20	-5.91	4.38	3	Horizontal	61	2.02	57.91	33.06	5.92	34.60
PK	5.458G	60.36	74.00	-13.64	4.32	3	Horizontal	61	2.02	56.04	32.88	6.01	34.57
PK	5.462G	58.59	68.20	-9.61	4.32	3	Horizontal	61	2.02	54.27	32.88	6.01	34.57
PK	5.608G	109.88	Inf	-Inf	4.44	3	Horizontal	61	2.02	105.44	32.92	6.07	34.55
PK	5.87G	65.70	68.20	-2.50	5.79	3	Horizontal	61	2.02	59.91	34.08	6.24	34.53



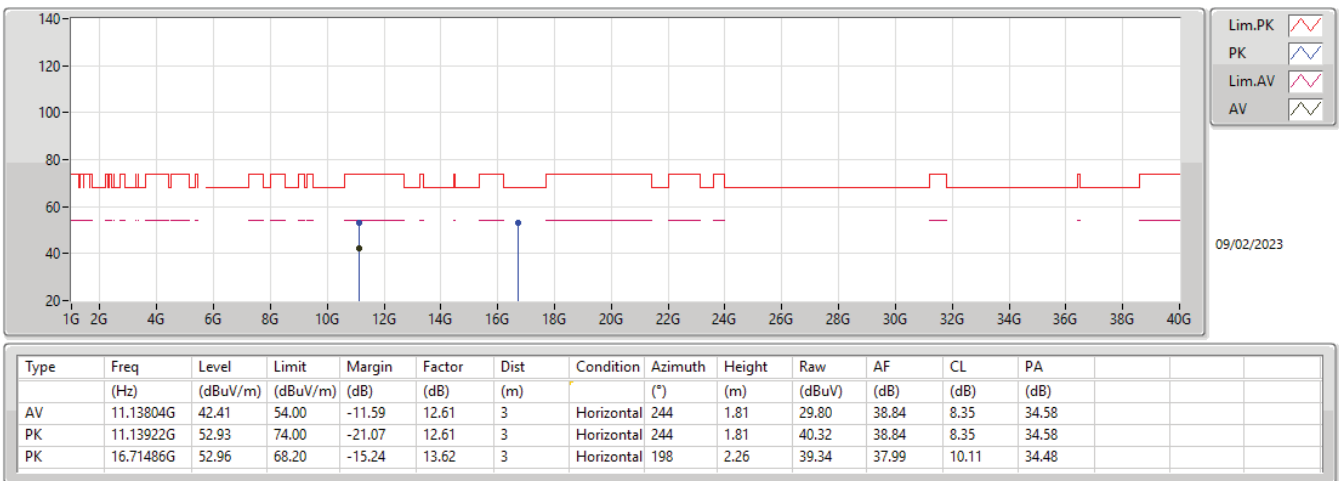
5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TX



5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TX





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.3514G	48.06	54.00	-5.94	3	Horizontal	49	1.67
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	49.86	54.00	-4.14	3	Vertical	352	1.18
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.351G	52.56	54.00	-1.44	3	Horizontal	54	1.96
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1336G	53.68	54.00	-0.32	3	Vertical	359	2.82
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.7312G	62.69	68.20	-5.51	3	Horizontal	290	1.72
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.46G	67.48	74.00	-6.52	3	Vertical	347	1.41
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.46G	53.11	54.00	-0.89	3	Horizontal	57	2.01
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	PK	5.468G	65.91	68.20	-2.29	3	Horizontal	342	2.50



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1226G	46.33	54.00	-7.67	3	Vertical	317	1.50
5260MHz	Pass	AV	5.254G	106.34	Inf	-Inf	3	Vertical	317	1.50
5260MHz	Pass	AV	5.3914G	45.08	54.00	-8.92	3	Vertical	317	1.50
5260MHz	Pass	PK	5.1136G	58.04	74.00	-15.96	3	Vertical	317	1.50
5260MHz	Pass	PK	5.2528G	116.67	Inf	-Inf	3	Vertical	317	1.50
5260MHz	Pass	PK	5.3554G	56.08	74.00	-17.92	3	Vertical	317	1.50
5260MHz	Pass	AV	5.1274G	46.62	54.00	-7.38	3	Horizontal	58	1.97
5260MHz	Pass	AV	5.2558G	108.60	Inf	-Inf	3	Horizontal	58	1.97
5260MHz	Pass	AV	5.4076G	45.53	54.00	-8.47	3	Horizontal	58	1.97
5260MHz	Pass	PK	5.131G	57.28	74.00	-16.72	3	Horizontal	58	1.97
5260MHz	Pass	PK	5.2636G	119.07	Inf	-Inf	3	Horizontal	58	1.97
5260MHz	Pass	PK	5.398G	57.00	74.00	-17.00	3	Horizontal	58	1.97
5260MHz	Pass	AV	15.7765G	43.55	54.00	-10.45	3	Vertical	253	3.00
5260MHz	Pass	PK	10.51592G	54.15	68.20	-14.05	3	Vertical	146	2.34
5260MHz	Pass	PK	15.7813G	54.84	74.00	-19.16	3	Vertical	253	3.00
5260MHz	Pass	AV	15.77764G	43.69	54.00	-10.31	3	Horizontal	143	2.13
5260MHz	Pass	PK	10.51598G	53.60	68.20	-14.60	3	Horizontal	12	2.86
5260MHz	Pass	PK	15.77906G	54.41	74.00	-19.59	3	Horizontal	143	2.13
5300MHz	Pass	AV	5.3056G	104.61	Inf	-Inf	3	Vertical	327	1.00
5300MHz	Pass	AV	5.3984G	45.15	54.00	-8.85	3	Vertical	327	1.00
5300MHz	Pass	PK	5.3056G	115.67	Inf	-Inf	3	Vertical	327	1.00
5300MHz	Pass	PK	5.372G	55.94	74.00	-18.06	3	Vertical	327	1.00
5300MHz	Pass	AV	5.2988G	109.32	Inf	-Inf	3	Horizontal	47	1.78
5300MHz	Pass	AV	5.3988G	45.40	54.00	-8.60	3	Horizontal	47	1.78
5300MHz	Pass	PK	5.296G	119.89	Inf	-Inf	3	Horizontal	47	1.78
5300MHz	Pass	PK	5.3984G	56.34	74.00	-17.66	3	Horizontal	47	1.78
5300MHz	Pass	AV	15.89598G	43.34	54.00	-10.66	3	Vertical	109	1.46
5300MHz	Pass	PK	10.60456G	53.95	74.00	-20.05	3	Vertical	34	1.83
5300MHz	Pass	PK	15.90144G	53.79	74.00	-20.21	3	Vertical	109	1.46
5300MHz	Pass	AV	15.90032G	43.36	54.00	-10.64	3	Horizontal	319	1.45
5300MHz	Pass	PK	10.60208G	54.29	74.00	-19.71	3	Horizontal	232	1.98
5300MHz	Pass	PK	15.89688G	55.38	74.00	-18.62	3	Horizontal	319	1.45
5320MHz	Pass	AV	5.3144G	106.02	Inf	-Inf	3	Vertical	354	1.01
5320MHz	Pass	AV	5.3542G	45.70	54.00	-8.30	3	Vertical	354	1.01
5320MHz	Pass	PK	5.3134G	116.93	Inf	-Inf	3	Vertical	354	1.01
5320MHz	Pass	PK	5.3518G	57.66	74.00	-16.34	3	Vertical	354	1.01
5320MHz	Pass	AV	5.3238G	109.30	Inf	-Inf	3	Horizontal	49	1.67
5320MHz	Pass	AV	5.3514G	48.06	54.00	-5.94	3	Horizontal	49	1.67
5320MHz	Pass	PK	5.3148G	120.45	Inf	-Inf	3	Horizontal	49	1.67
5320MHz	Pass	PK	5.3504G	58.17	74.00	-15.83	3	Horizontal	49	1.67
5320MHz	Pass	AV	10.64068G	42.14	54.00	-11.86	3	Vertical	125	2.02
5320MHz	Pass	AV	15.95942G	43.22	54.00	-10.78	3	Vertical	21	2.43
5320MHz	Pass	PK	10.63934G	53.80	74.00	-20.20	3	Vertical	125	2.02
5320MHz	Pass	PK	15.96244G	54.69	74.00	-19.31	3	Vertical	21	2.43
5320MHz	Pass	AV	10.63766G	42.14	54.00	-11.86	3	Horizontal	315	1.27
5320MHz	Pass	AV	15.9592G	43.10	54.00	-10.90	3	Horizontal	340	1.96
5320MHz	Pass	PK	10.64206G	54.62	74.00	-19.38	3	Horizontal	315	1.27
5320MHz	Pass	PK	15.957G	54.40	74.00	-19.60	3	Horizontal	340	1.96
5500MHz	Pass	AV	5.4586G	45.36	54.00	-8.64	3	Vertical	307	1.12
5500MHz	Pass	AV	5.498G	105.63	Inf	-Inf	3	Vertical	307	1.12
5500MHz	Pass	PK	5.4536G	56.42	74.00	-17.58	3	Vertical	307	1.12
5500MHz	Pass	PK	5.4634G	56.30	68.20	-11.90	3	Vertical	307	1.12
5500MHz	Pass	PK	5.4982G	116.07	Inf	-Inf	3	Vertical	307	1.12
5500MHz	Pass	AV	5.4592G	45.97	54.00	-8.03	3	Horizontal	66	1.78
5500MHz	Pass	AV	5.498G	109.94	Inf	-Inf	3	Horizontal	66	1.78
5500MHz	Pass	PK	5.4596G	57.19	74.00	-16.81	3	Horizontal	66	1.78
5500MHz	Pass	PK	5.4688G	57.69	68.20	-10.51	3	Horizontal	66	1.78
5500MHz	Pass	PK	5.4958G	120.58	Inf	-Inf	3	Horizontal	66	1.78
5500MHz	Pass	AV	10.99876G	42.58	54.00	-11.42	3	Vertical	350	2.07
5500MHz	Pass	PK	10.99794G	55.23	74.00	-18.77	3	Vertical	350	2.07



RSE TX above 1GHz_Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	16.49522G	55.55	68.20	-12.65	3	Vertical	200	2.92
5500MHz	Pass	AV	11.002G	42.64	54.00	-11.36	3	Horizontal	68	2.59
5500MHz	Pass	PK	11.00124G	54.67	74.00	-19.33	3	Horizontal	68	2.59
5500MHz	Pass	PK	16.49714G	55.96	68.20	-12.24	3	Horizontal	327	1.75
5580MHz	Pass	AV	5.436G	45.28	54.00	-8.72	3	Vertical	356.1	1.50
5580MHz	Pass	AV	5.5848G	104.32	Inf	-Inf	3	Vertical	356.1	1.50
5580MHz	Pass	PK	5.4468G	56.22	74.00	-17.78	3	Vertical	356.1	1.50
5580MHz	Pass	PK	5.4606G	56.38	68.20	-11.82	3	Vertical	356.1	1.50
5580MHz	Pass	PK	5.5836G	114.12	Inf	-Inf	3	Vertical	356.1	1.50
5580MHz	Pass	PK	5.727G	56.54	68.20	-11.66	3	Vertical	356.1	1.50
5580MHz	Pass	AV	5.4438G	45.44	54.00	-8.56	3	Horizontal	282	1.62
5580MHz	Pass	AV	5.5812G	107.01	Inf	-Inf	3	Horizontal	282	1.62
5580MHz	Pass	PK	5.4582G	56.10	74.00	-17.90	3	Horizontal	282	1.62
5580MHz	Pass	PK	5.4678G	55.92	68.20	-12.28	3	Horizontal	282	1.62
5580MHz	Pass	PK	5.5776G	117.07	Inf	-Inf	3	Horizontal	282	1.62
5580MHz	Pass	PK	5.7258G	56.86	68.20	-11.34	3	Horizontal	282	1.62
5580MHz	Pass	AV	11.15704G	42.39	54.00	-11.61	3	Vertical	339	2.63
5580MHz	Pass	PK	11.15328G	53.45	74.00	-20.55	3	Vertical	339	2.63
5580MHz	Pass	PK	16.74016G	55.61	68.20	-12.59	3	Vertical	1	1.67
5580MHz	Pass	AV	11.16532G	42.38	54.00	-11.62	3	Horizontal	360	2.23
5580MHz	Pass	PK	11.15928G	55.03	74.00	-18.97	3	Horizontal	360	2.23
5580MHz	Pass	PK	16.7496G	55.69	68.20	-12.51	3	Horizontal	117	2.50
5700MHz	Pass	AV	5.6948G	103.26	Inf	-Inf	3	Vertical	348	1.22
5700MHz	Pass	PK	5.6916G	111.89	Inf	-Inf	3	Vertical	348	1.22
5700MHz	Pass	PK	5.766G	58.28	68.20	-9.92	3	Vertical	348	1.22
5700MHz	Pass	AV	5.696G	108.37	Inf	-Inf	3	Horizontal	290	1.72
5700MHz	Pass	PK	5.7076G	118.46	Inf	-Inf	3	Horizontal	290	1.72
5700MHz	Pass	PK	5.7312G	62.69	68.20	-5.51	3	Horizontal	290	1.72
5700MHz	Pass	AV	11.40016G	42.32	54.00	-11.68	3	Vertical	355	2.14
5700MHz	Pass	PK	11.40184G	54.14	74.00	-19.86	3	Vertical	355	2.14
5700MHz	Pass	PK	17.09592G	55.53	68.20	-12.67	3	Vertical	114	1.89
5700MHz	Pass	AV	11.40856G	42.28	54.00	-11.72	3	Horizontal	159	2.75
5700MHz	Pass	PK	11.39296G	54.39	74.00	-19.61	3	Horizontal	159	2.75
5700MHz	Pass	PK	17.0992G	56.25	68.20	-11.95	3	Horizontal	233	2.54
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4452G	45.04	54.00	-8.96	3	Vertical	344	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	103.96	Inf	-Inf	3	Vertical	344	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4452G	55.64	74.00	-18.36	3	Vertical	344	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	55.66	68.20	-12.54	3	Vertical	344	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	114.47	Inf	-Inf	3	Vertical	344	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8868G	58.02	68.20	-10.18	3	Vertical	344	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4344G	45.20	54.00	-8.80	3	Horizontal	292	1.59
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7128G	110.08	Inf	-Inf	3	Horizontal	292	1.59
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4356G	55.97	74.00	-18.03	3	Horizontal	292	1.59
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.39	68.20	-11.81	3	Horizontal	292	1.59
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	119.38	Inf	-Inf	3	Horizontal	292	1.59
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8784G	59.76	68.20	-8.44	3	Horizontal	292	1.59
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43304G	42.49	54.00	-11.51	3	Vertical	184	2.33
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.447G	54.46	74.00	-19.54	3	Vertical	184	2.33
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15684G	55.82	68.20	-12.38	3	Vertical	39	1.91
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43372G	42.40	54.00	-11.60	3	Horizontal	23	1.14
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43676G	54.59	74.00	-19.41	3	Horizontal	23	1.14
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16468G	56.63	68.20	-11.57	3	Horizontal	160	2.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2824G	102.83	Inf	-Inf	3	Vertical	340	2.62
5270MHz	Pass	AV	5.3648G	45.14	54.00	-8.86	3	Vertical	340	2.62
5270MHz	Pass	PK	5.2824G	112.97	Inf	-Inf	3	Vertical	340	2.62
5270MHz	Pass	PK	5.354G	56.52	74.00	-17.48	3	Vertical	340	2.62
5270MHz	Pass	AV	5.272G	107.82	Inf	-Inf	3	Horizontal	67	1.88
5270MHz	Pass	AV	5.3684G	45.43	54.00	-8.57	3	Horizontal	67	1.88
5270MHz	Pass	PK	5.2708G	118.90	Inf	-Inf	3	Horizontal	67	1.88
5270MHz	Pass	PK	5.3592G	56.38	74.00	-17.62	3	Horizontal	67	1.88
5270MHz	Pass	AV	15.82032G	43.77	54.00	-10.23	3	Vertical	118	1.11



RSE TX above 1GHz_Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5270MHz	Pass	PK	10.52096G	53.79	68.20	-14.41	3	Vertical	20	1.79
5270MHz	Pass	PK	15.812G	54.47	74.00	-19.53	3	Vertical	118	1.11
5270MHz	Pass	AV	15.81168G	43.82	54.00	-10.18	3	Horizontal	196	1.93
5270MHz	Pass	PK	10.53272G	54.46	68.20	-13.74	3	Horizontal	64	2.31
5270MHz	Pass	PK	15.79528G	55.49	74.00	-18.51	3	Horizontal	196	1.93
5310MHz	Pass	AV	5.304G	103.81	Inf	-Inf	3	Vertical	352	1.18
5310MHz	Pass	AV	5.35G	49.86	54.00	-4.14	3	Vertical	352	1.18
5310MHz	Pass	PK	5.3028G	114.50	Inf	-Inf	3	Vertical	352	1.18
5310MHz	Pass	PK	5.3504G	61.20	74.00	-12.80	3	Vertical	352	1.18
5310MHz	Pass	AV	5.3112G	105.77	Inf	-Inf	3	Horizontal	360	1.50
5310MHz	Pass	AV	5.3504G	47.19	54.00	-6.81	3	Horizontal	360	1.50
5310MHz	Pass	PK	5.3112G	115.56	Inf	-Inf	3	Horizontal	360	1.50
5310MHz	Pass	PK	5.3568G	60.60	74.00	-13.40	3	Horizontal	360	1.50
5310MHz	Pass	AV	10.60312G	42.18	54.00	-11.82	3	Vertical	175	1.43
5310MHz	Pass	AV	15.91928G	43.22	54.00	-10.78	3	Vertical	191	1.50
5310MHz	Pass	PK	10.62656G	53.76	74.00	-20.24	3	Vertical	175	1.43
5310MHz	Pass	PK	15.91832G	54.06	74.00	-19.94	3	Vertical	191	1.50
5310MHz	Pass	AV	10.61064G	42.10	54.00	-11.90	3	Horizontal	53	2.99
5310MHz	Pass	AV	15.91048G	43.36	54.00	-10.64	3	Horizontal	96	2.04
5310MHz	Pass	PK	10.62872G	54.19	74.00	-19.81	3	Horizontal	53	2.99
5310MHz	Pass	PK	15.91104G	54.56	74.00	-19.44	3	Horizontal	96	2.04
5510MHz	Pass	AV	5.4576G	45.52	54.00	-8.48	3	Vertical	347	1.41
5510MHz	Pass	AV	5.5112G	103.70	Inf	-Inf	3	Vertical	347	1.41
5510MHz	Pass	PK	5.46G	67.48	74.00	-6.52	3	Vertical	347	1.41
5510MHz	Pass	PK	5.4692G	57.34	68.20	-10.86	3	Vertical	347	1.41
5510MHz	Pass	PK	5.5084G	115.38	Inf	-Inf	3	Vertical	347	1.41
5510MHz	Pass	AV	5.4596G	46.25	54.00	-7.75	3	Horizontal	360	1.50
5510MHz	Pass	AV	5.5192G	105.67	Inf	-Inf	3	Horizontal	360	1.50
5510MHz	Pass	PK	5.4564G	61.08	74.00	-12.92	3	Horizontal	360	1.50
5510MHz	Pass	PK	5.4692G	59.62	68.20	-8.58	3	Horizontal	360	1.50
5510MHz	Pass	PK	5.5192G	116.95	Inf	-Inf	3	Horizontal	360	1.50
5510MHz	Pass	AV	11.02984G	42.56	54.00	-11.44	3	Vertical	287	1.19
5510MHz	Pass	PK	11.00928G	54.32	74.00	-19.68	3	Vertical	287	1.19
5510MHz	Pass	PK	16.53128G	55.68	68.20	-12.52	3	Vertical	90	1.07
5510MHz	Pass	AV	11.03304G	42.55	54.00	-11.45	3	Horizontal	20	1.48
5510MHz	Pass	PK	11.00584G	53.83	74.00	-20.17	3	Horizontal	20	1.48
5510MHz	Pass	PK	16.52512G	55.89	68.20	-12.31	3	Horizontal	245	1.07
5550MHz	Pass	AV	5.4572G	45.25	54.00	-8.75	3	Vertical	1	1.40
5550MHz	Pass	AV	5.544G	105.81	Inf	-Inf	3	Vertical	1	1.40
5550MHz	Pass	PK	5.4568G	55.85	74.00	-18.15	3	Vertical	1	1.40
5550MHz	Pass	PK	5.468G	56.48	68.20	-11.72	3	Vertical	1	1.40
5550MHz	Pass	PK	5.5424G	115.56	Inf	-Inf	3	Vertical	1	1.40
5550MHz	Pass	AV	5.4556G	45.51	54.00	-8.49	3	Horizontal	358	1.49
5550MHz	Pass	AV	5.5648G	105.91	Inf	-Inf	3	Horizontal	358	1.49
5550MHz	Pass	PK	5.452G	56.35	74.00	-17.65	3	Horizontal	358	1.49
5550MHz	Pass	PK	5.4604G	56.76	68.20	-11.44	3	Horizontal	358	1.49
5550MHz	Pass	PK	5.5652G	117.24	Inf	-Inf	3	Horizontal	358	1.49
5550MHz	Pass	AV	11.09808G	42.60	54.00	-11.40	3	Vertical	0	1.50
5550MHz	Pass	PK	11.0848G	55.01	74.00	-18.99	3	Vertical	0	1.50
5550MHz	Pass	PK	16.66176G	56.21	68.20	-11.99	3	Vertical	310	1.50
5550MHz	Pass	AV	11.10088G	42.62	54.00	-11.38	3	Horizontal	0	2.69
5550MHz	Pass	PK	11.11568G	54.46	74.00	-19.54	3	Horizontal	0	2.69
5550MHz	Pass	PK	16.63624G	56.43	68.20	-11.77	3	Horizontal	344	2.35
5670MHz	Pass	AV	5.6688G	104.33	Inf	-Inf	3	Vertical	339	1.19
5670MHz	Pass	PK	5.667G	114.59	Inf	-Inf	3	Vertical	339	1.19
5670MHz	Pass	PK	5.8032G	57.70	68.20	-10.50	3	Vertical	339	1.19
5670MHz	Pass	AV	5.6748G	106.34	Inf	-Inf	3	Horizontal	341	1.76
5670MHz	Pass	PK	5.6766G	115.72	Inf	-Inf	3	Horizontal	341	1.76
5670MHz	Pass	PK	5.82G	58.86	68.20	-9.34	3	Horizontal	341	1.76
5670MHz	Pass	AV	11.35024G	42.20	54.00	-11.80	3	Vertical	0	1.50
5670MHz	Pass	PK	11.35928G	53.92	74.00	-20.08	3	Vertical	0	1.50
5670MHz	Pass	PK	17.02968G	55.97	68.20	-12.23	3	Vertical	227	2.09



RSE TX above 1GHz_Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5670MHz	Pass	AV	11.356G	42.24	54.00	-11.76	3	Horizontal	354	1.50
5670MHz	Pass	PK	11.34416G	54.55	74.00	-19.45	3	Horizontal	354	1.50
5670MHz	Pass	PK	17.03G	55.47	68.20	-12.73	3	Horizontal	146	2.48
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4448G	45.39	54.00	-8.61	3	Vertical	11	1.45
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7148G	103.10	Inf	-Inf	3	Vertical	11	1.45
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4196G	56.11	74.00	-17.89	3	Vertical	11	1.45
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	55.98	68.20	-12.22	3	Vertical	11	1.45
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7196G	112.44	Inf	-Inf	3	Vertical	11	1.45
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9224G	58.30	68.20	-9.90	3	Vertical	11	1.45
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4364G	45.28	54.00	-8.72	3	Horizontal	298	1.83
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7208G	107.16	Inf	-Inf	3	Horizontal	298	1.83
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4364G	56.23	74.00	-17.77	3	Horizontal	298	1.83
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	55.29	68.20	-12.91	3	Horizontal	298	1.83
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7232G	117.59	Inf	-Inf	3	Horizontal	298	1.83
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8744G	59.24	68.20	-8.96	3	Horizontal	298	1.83
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42384G	42.46	54.00	-11.54	3	Vertical	110	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40464G	54.33	74.00	-19.67	3	Vertical	110	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1372G	55.58	68.20	-12.62	3	Vertical	53	2.11
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.424G	42.49	54.00	-11.51	3	Horizontal	160	1.73
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41296G	54.55	74.00	-19.45	3	Horizontal	160	1.73
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13888G	55.80	68.20	-12.40	3	Horizontal	287	2.26
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.143G	46.65	54.00	-7.35	3	Vertical	360	1.00
5290MHz	Pass	AV	5.302G	100.83	Inf	-Inf	3	Vertical	360	1.00
5290MHz	Pass	AV	5.35G	48.95	54.00	-5.05	3	Vertical	360	1.00
5290MHz	Pass	PK	5.104G	58.36	74.00	-15.64	3	Vertical	360	1.00
5290MHz	Pass	PK	5.297G	109.73	Inf	-Inf	3	Vertical	360	1.00
5290MHz	Pass	PK	5.357G	59.54	74.00	-14.46	3	Vertical	360	1.00
5290MHz	Pass	PK	5.536G	56.70	68.20	-11.50	3	Vertical	360	1.00
5290MHz	Pass	AV	5.147G	46.70	54.00	-7.30	3	Horizontal	54	1.96
5290MHz	Pass	AV	5.297G	102.91	Inf	-Inf	3	Horizontal	54	1.96
5290MHz	Pass	AV	5.351G	52.56	54.00	-1.44	3	Horizontal	54	1.96
5290MHz	Pass	PK	5.064G	58.39	74.00	-15.61	3	Horizontal	54	1.96
5290MHz	Pass	PK	5.271G	112.90	Inf	-Inf	3	Horizontal	54	1.96
5290MHz	Pass	PK	5.356G	62.73	74.00	-11.27	3	Horizontal	54	1.96
5290MHz	Pass	PK	5.469G	56.61	68.20	-11.59	3	Horizontal	54	1.96
5290MHz	Pass	AV	15.84568G	43.56	54.00	-10.44	3	Vertical	238	2.20
5290MHz	Pass	PK	10.596G	53.95	68.20	-14.25	3	Vertical	224	1.50
5290MHz	Pass	PK	15.88296G	55.32	74.00	-18.68	3	Vertical	238	2.20
5290MHz	Pass	AV	10.61424G	42.11	54.00	-11.89	3	Horizontal	331	2.73
5290MHz	Pass	AV	15.84952G	43.48	54.00	-10.52	3	Horizontal	339	2.11
5290MHz	Pass	PK	10.58704G	53.65	68.20	-14.55	3	Horizontal	331	2.73
5290MHz	Pass	PK	15.89384G	54.15	74.00	-19.85	3	Horizontal	339	2.11
5530MHz	Pass	AV	5.457G	52.43	54.00	-1.57	3	Vertical	0	1.38
5530MHz	Pass	AV	5.544G	100.92	Inf	-Inf	3	Vertical	0	1.38
5530MHz	Pass	PK	5.315G	56.73	68.20	-11.47	3	Vertical	0	1.38
5530MHz	Pass	PK	5.46G	60.68	74.00	-13.32	3	Vertical	0	1.38
5530MHz	Pass	PK	5.467G	60.74	68.20	-7.46	3	Vertical	0	1.38
5530MHz	Pass	PK	5.543G	111.72	Inf	-Inf	3	Vertical	0	1.38
5530MHz	Pass	PK	5.78G	58.02	68.20	-10.18	3	Vertical	0	1.38
5530MHz	Pass	AV	5.46G	53.11	54.00	-0.89	3	Horizontal	57	2.01
5530MHz	Pass	AV	5.538G	103.35	Inf	-Inf	3	Horizontal	57	2.01
5530MHz	Pass	PK	5.341G	56.35	68.20	-11.85	3	Horizontal	57	2.01
5530MHz	Pass	PK	5.457G	63.61	74.00	-10.39	3	Horizontal	57	2.01
5530MHz	Pass	PK	5.47G	65.11	68.20	-3.09	3	Horizontal	57	2.01
5530MHz	Pass	PK	5.543G	113.85	Inf	-Inf	3	Horizontal	57	2.01
5530MHz	Pass	PK	5.77G	57.92	68.20	-10.28	3	Horizontal	57	2.01
5530MHz	Pass	AV	11.03104G	42.67	54.00	-11.33	3	Vertical	357	1.50
5530MHz	Pass	PK	11.05504G	54.37	74.00	-19.63	3	Vertical	357	1.50
5530MHz	Pass	PK	16.59896G	55.14	68.20	-13.06	3	Vertical	216	1.63
5530MHz	Pass	AV	11.03056G	42.63	54.00	-11.37	3	Horizontal	169	1.50
5530MHz	Pass	PK	11.07984G	54.47	74.00	-19.53	3	Horizontal	169	1.50



RSE TX above 1GHz_Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5530MHz	Pass	PK	16.60968G	56.64	68.20	-11.56	3	Horizontal	197	2.28
5610MHz	Pass	AV	5.452G	45.33	54.00	-8.67	3	Vertical	353	1.36
5610MHz	Pass	AV	5.613G	99.81	Inf	-Inf	3	Vertical	353	1.36
5610MHz	Pass	PK	5.411G	57.02	74.00	-16.98	3	Vertical	353	1.36
5610MHz	Pass	PK	5.465G	56.41	68.20	-11.79	3	Vertical	353	1.36
5610MHz	Pass	PK	5.613G	110.79	Inf	-Inf	3	Vertical	353	1.36
5610MHz	Pass	PK	5.797G	58.73	68.20	-9.47	3	Vertical	353	1.36
5610MHz	Pass	AV	5.456G	47.92	54.00	-6.08	3	Horizontal	275	2.88
5610MHz	Pass	AV	5.619G	100.79	Inf	-Inf	3	Horizontal	275	2.88
5610MHz	Pass	PK	5.397G	56.78	74.00	-17.22	3	Horizontal	275	2.88
5610MHz	Pass	PK	5.464G	56.31	68.20	-11.89	3	Horizontal	275	2.88
5610MHz	Pass	PK	5.644G	110.76	Inf	-Inf	3	Horizontal	275	2.88
5610MHz	Pass	PK	5.785G	59.54	68.20	-8.66	3	Horizontal	275	2.88
5610MHz	Pass	AV	11.204G	42.29	54.00	-11.71	3	Vertical	360	1.50
5610MHz	Pass	PK	11.23472G	54.25	74.00	-19.75	3	Vertical	360	1.50
5610MHz	Pass	PK	16.8156G	55.89	68.20	-12.31	3	Vertical	204	1.97
5610MHz	Pass	AV	11.184G	42.32	54.00	-11.68	3	Horizontal	7	1.50
5610MHz	Pass	PK	11.20688G	54.72	74.00	-19.28	3	Horizontal	7	1.50
5610MHz	Pass	PK	16.814G	55.58	68.20	-12.62	3	Horizontal	151	2.93
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	45.25	54.00	-8.75	3	Vertical	348	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6648G	98.48	Inf	-Inf	3	Vertical	348	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.3948G	56.27	74.00	-17.73	3	Vertical	348	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	55.23	68.20	-12.97	3	Vertical	348	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.666G	108.20	Inf	-Inf	3	Vertical	348	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.9432G	58.45	68.20	-9.75	3	Vertical	348	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4308G	45.32	54.00	-8.68	3	Horizontal	56	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6984G	101.89	Inf	-Inf	3	Horizontal	56	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4428G	56.60	74.00	-17.40	3	Horizontal	56	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	55.57	68.20	-12.63	3	Horizontal	56	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.702G	112.45	Inf	-Inf	3	Horizontal	56	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	58.32	68.20	-9.88	3	Horizontal	56	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.41696G	42.40	54.00	-11.60	3	Vertical	45	2.89
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36032G	53.87	74.00	-20.13	3	Vertical	45	2.89
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06264G	55.89	68.20	-12.31	3	Vertical	84	1.32
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.41056G	42.42	54.00	-11.58	3	Horizontal	37	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36592G	54.09	74.00	-19.91	3	Horizontal	37	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07496G	56.18	68.20	-12.02	3	Horizontal	110	2.43
802.11ax HEW160-BF_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1336G	53.68	54.00	-0.32	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.2152G	94.86	Inf	-Inf	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3604G	50.95	54.00	-3.05	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1336G	70.33	74.00	-3.67	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.2152G	105.00	Inf	-Inf	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.3616G	67.98	74.00	-6.02	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.5044G	56.58	68.20	-11.62	3	Vertical	359	2.82
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1384G	52.84	54.00	-1.16	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1816G	101.91	Inf	-Inf	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3928G	50.18	54.00	-3.82	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1432G	67.49	74.00	-6.51	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1828G	110.02	Inf	-Inf	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.3844G	65.80	74.00	-8.20	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4624G	56.86	68.20	-11.34	3	Horizontal	338	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.80312G	43.77	54.00	-10.23	3	Vertical	141	1.36
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.42896G	53.47	68.20	-14.73	3	Vertical	217	2.29
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.77336G	55.43	74.00	-18.57	3	Vertical	141	1.36
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.81272G	43.70	54.00	-10.30	3	Horizontal	156	2.83
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.45392G	53.52	68.20	-14.68	3	Horizontal	148	2.71
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.822G	55.59	74.00	-18.41	3	Horizontal	156	2.83
5570MHz	Pass	AV	5.4584G	51.24	54.00	-2.76	3	Vertical	354	1.50
5570MHz	Pass	AV	5.4944G	102.75	Inf	-Inf	3	Vertical	354	1.50
5570MHz	Pass	PK	5.3456G	56.44	68.20	-11.76	3	Vertical	354	1.50
5570MHz	Pass	PK	5.3924G	66.08	74.00	-7.92	3	Vertical	354	1.50



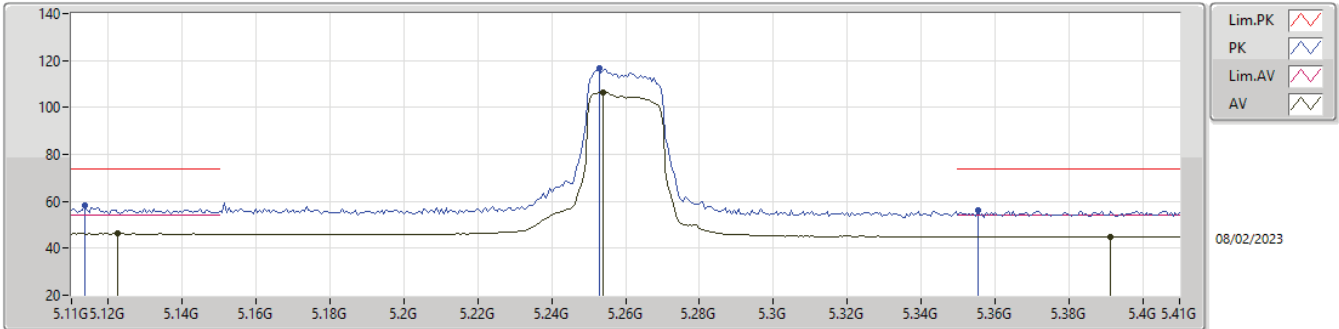
RSE TX above 1GHz_Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.468G	61.66	68.20	-6.54	3	Vertical	354	1.50
5570MHz	Pass	PK	5.4944G	113.67	Inf	-Inf	3	Vertical	354	1.50
5570MHz	Pass	PK	5.7344G	61.93	68.20	-6.27	3	Vertical	354	1.50
5570MHz	Pass	AV	5.4536G	49.66	54.00	-4.34	3	Horizontal	342	2.50
5570MHz	Pass	AV	5.5004G	98.35	Inf	-Inf	3	Horizontal	342	2.50
5570MHz	Pass	PK	5.3372G	63.90	68.20	-4.30	3	Horizontal	342	2.50
5570MHz	Pass	PK	5.3948G	68.92	74.00	-5.08	3	Horizontal	342	2.50
5570MHz	Pass	PK	5.468G	65.91	68.20	-2.29	3	Horizontal	342	2.50
5570MHz	Pass	PK	5.4932G	114.28	Inf	-Inf	3	Horizontal	342	2.50
5570MHz	Pass	PK	5.7284G	62.07	68.20	-6.13	3	Horizontal	342	2.50
5570MHz	Pass	AV	11.06064G	42.56	54.00	-11.44	3	Vertical	10	1.05
5570MHz	Pass	PK	11.07472G	53.51	74.00	-20.49	3	Vertical	10	1.05
5570MHz	Pass	PK	16.64696G	55.80	68.20	-12.40	3	Vertical	81	1.38
5570MHz	Pass	AV	11.07088G	42.53	54.00	-11.47	3	Horizontal	280	2.84
5570MHz	Pass	PK	11.08208G	53.94	74.00	-20.06	3	Horizontal	280	2.84
5570MHz	Pass	PK	16.71224G	56.31	68.20	-11.89	3	Horizontal	290	2.49

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

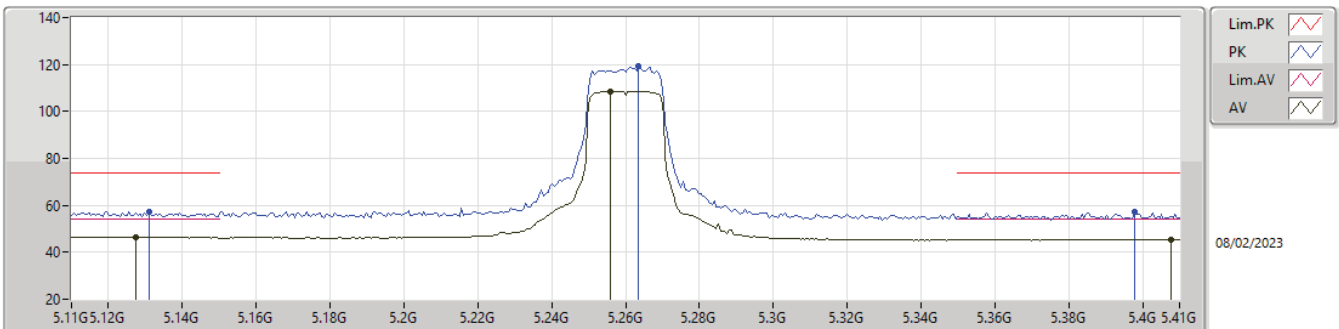
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.1226G	46.33	54.00	-7.67	4.23	3	Vertical	317	1.50	42.10	33.00	5.85	34.62				
AV	5.254G	106.34	Inf	-Inf	4.40	3	Vertical	317	1.50	101.94	33.09	5.91	34.60				
AV	5.3914G	45.08	54.00	-8.92	4.39	3	Vertical	317	1.50	40.69	32.98	5.99	34.58				
PK	5.1136G	58.04	74.00	-15.96	4.22	3	Vertical	317	1.50	53.82	33.00	5.84	34.62				
PK	5.2528G	116.67	Inf	-Inf	4.40	3	Vertical	317	1.50	112.27	33.09	5.91	34.60				
PK	5.3554G	56.08	74.00	-17.92	4.30	3	Vertical	317	1.50	51.78	32.91	5.97	34.58				

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

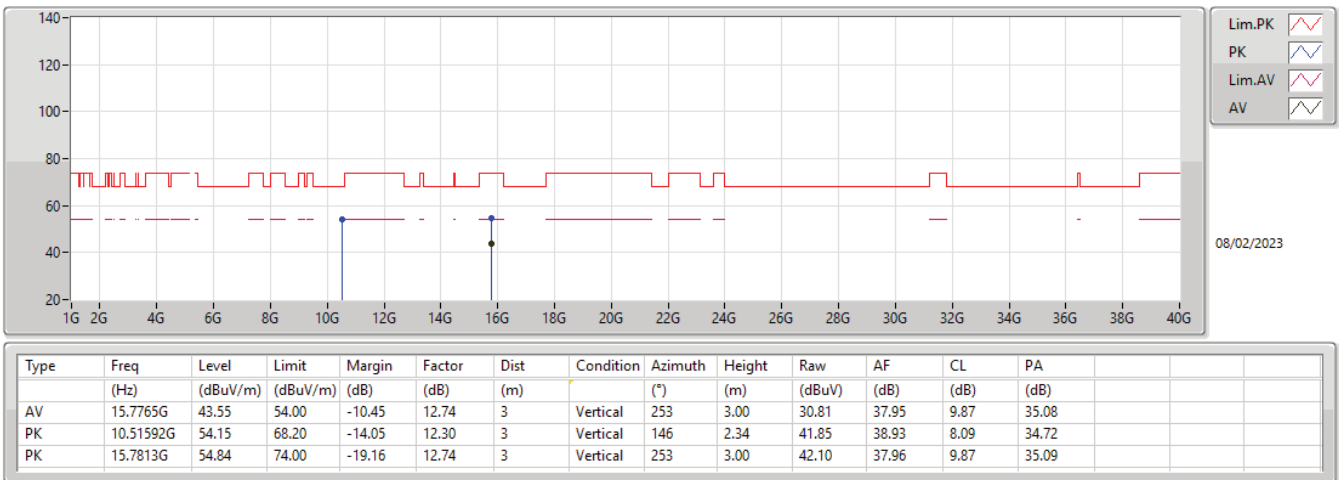


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.1274G	46.62	54.00	-7.38	4.23	3	Horizontal	58	1.97	42.39	33.00	5.85	34.62				
AV	5.2558G	108.60	Inf	-Inf	4.40	3	Horizontal	58	1.97	104.20	33.09	5.91	34.60				
AV	5.4076G	45.53	54.00	-8.47	4.40	3	Horizontal	58	1.97	41.13	32.98	5.99	34.57				
PK	5.131G	57.28	74.00	-16.72	4.23	3	Horizontal	58	1.97	53.05	33.00	5.85	34.62				
PK	5.2636G	119.07	Inf	-Inf	4.38	3	Horizontal	58	1.97	114.69	33.07	5.91	34.60				
PK	5.398G	57.00	74.00	-17.00	4.41	3	Horizontal	58	1.97	52.59	33.00	5.99	34.58				



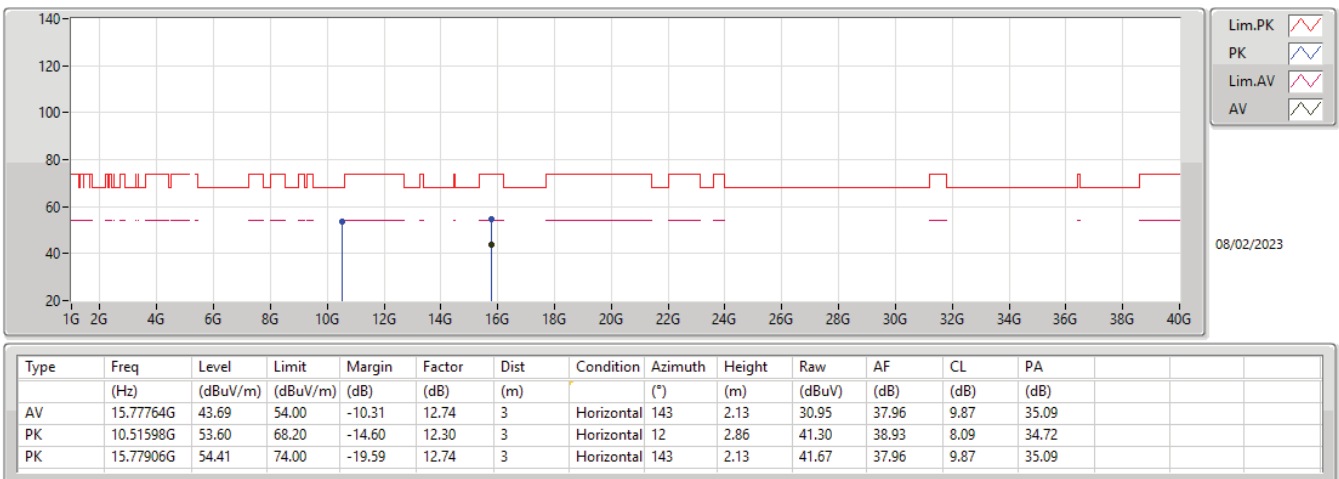
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX



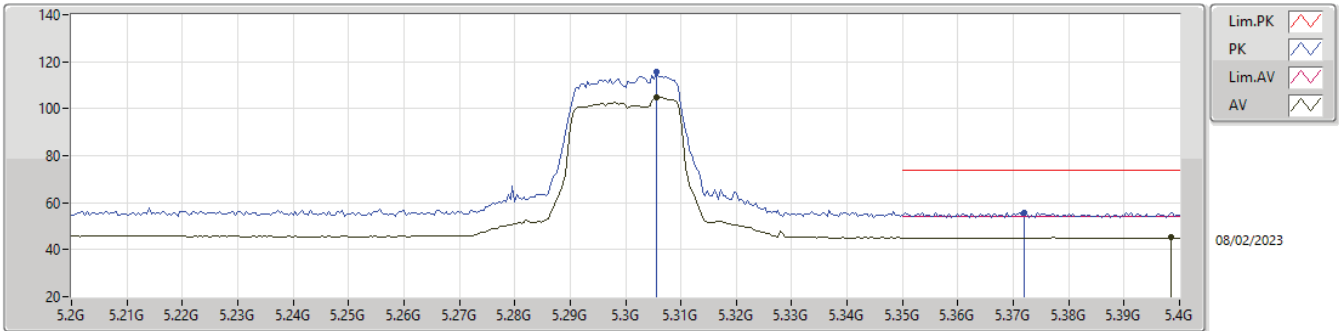
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX



5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

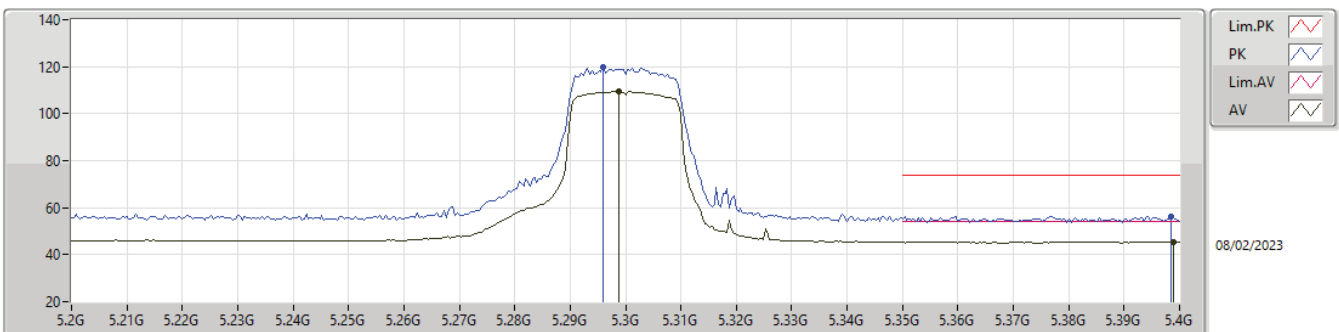
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3056G	104.61	Inf	-Inf	4.34	3	Vertical	327	1.00	100.27	32.99	5.94	34.59
AV	5.3984G	45.15	54.00	-8.85	4.41	3	Vertical	327	1.00	40.74	33.00	5.99	34.58
PK	5.3056G	115.67	Inf	-Inf	4.34	3	Vertical	327	1.00	111.33	32.99	5.94	34.59
PK	5.372G	55.94	74.00	-18.06	4.33	3	Vertical	327	1.00	51.61	32.94	5.97	34.58

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

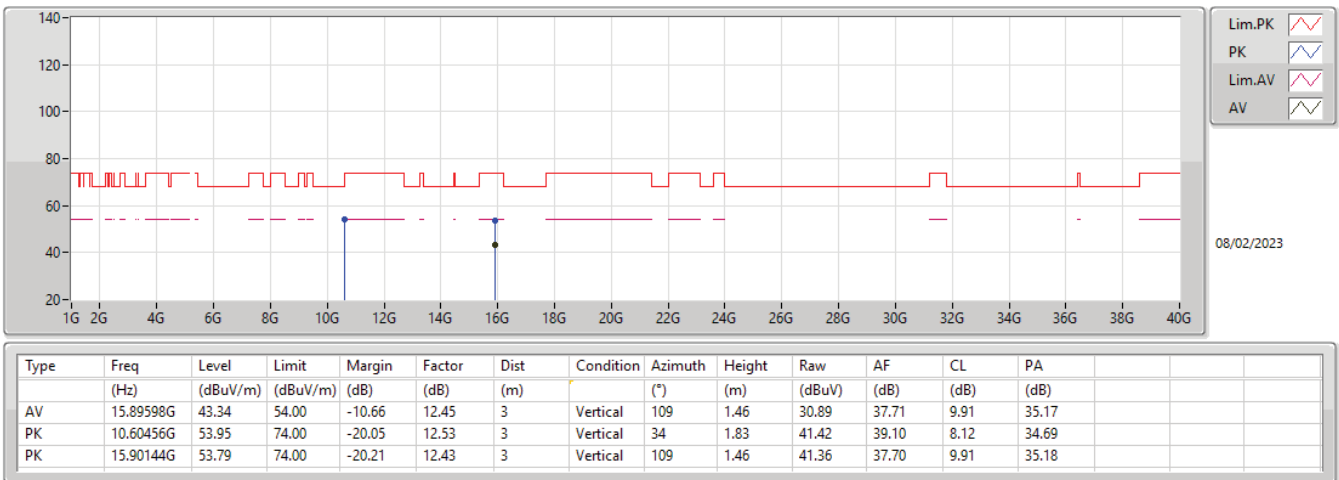


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2988G	109.32	Inf	-Inf	4.34	3	Horizontal	47	1.78	104.98	33.00	5.93	34.59
AV	5.3988G	45.40	54.00	-8.60	4.41	3	Horizontal	47	1.78	40.99	33.00	5.99	34.58
PK	5.296G	119.89	Inf	-Inf	4.35	3	Horizontal	47	1.78	115.54	33.01	5.93	34.59
PK	5.3984G	56.34	74.00	-17.66	4.41	3	Horizontal	47	1.78	51.93	33.00	5.99	34.58



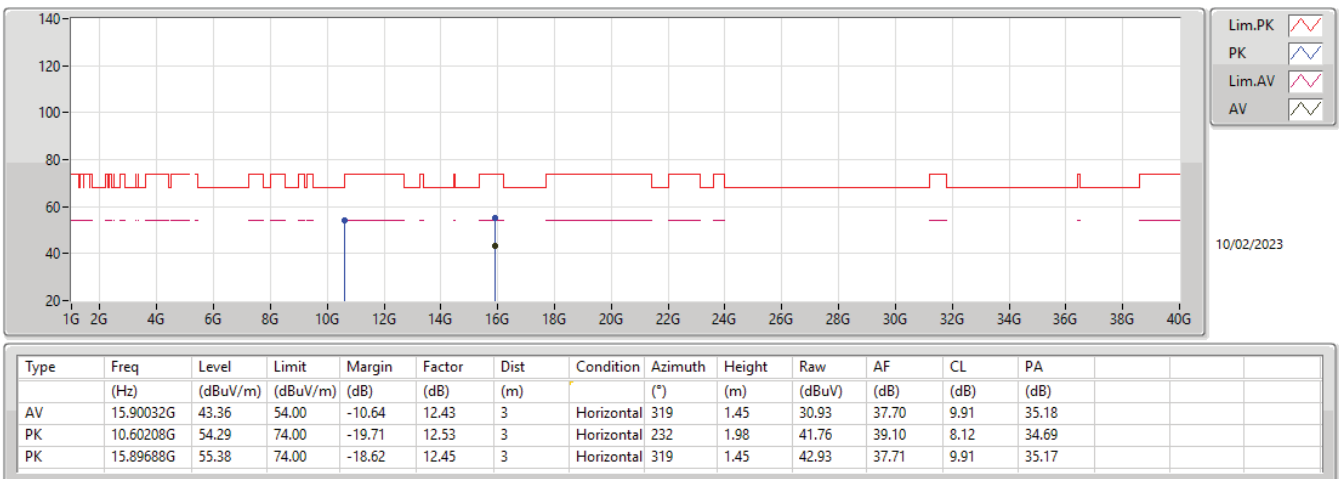
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX



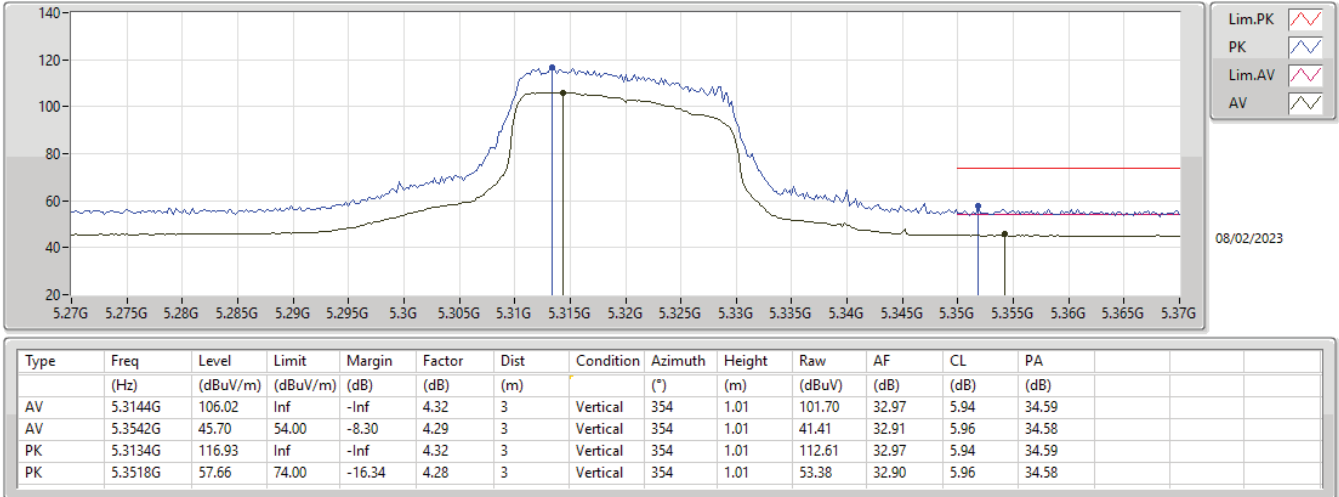
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5300MHz_TX



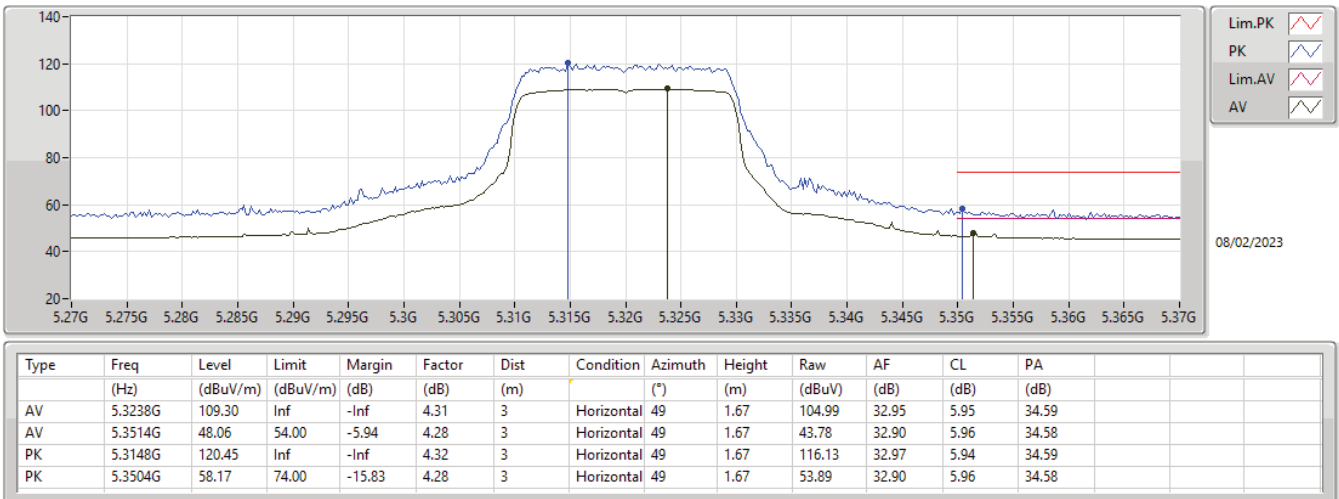
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5320MHz_TX



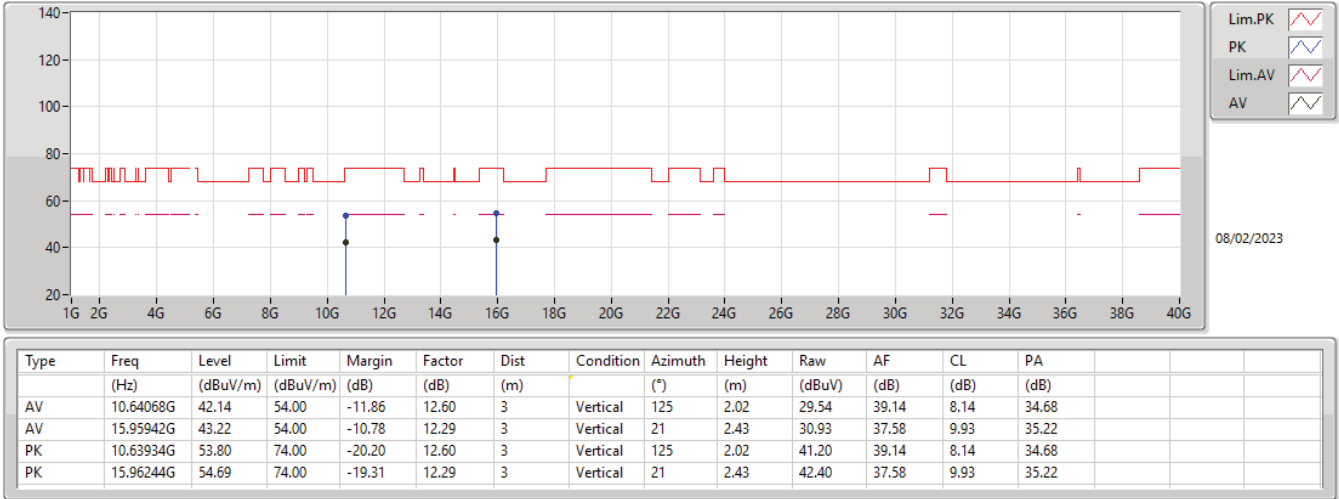
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5320MHz_TX



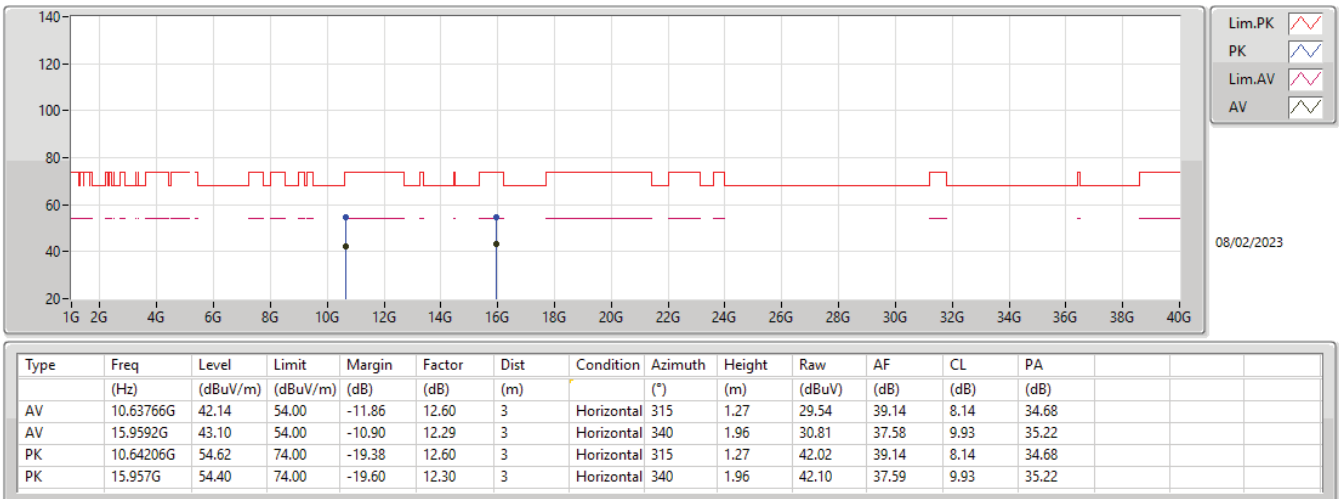
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5320MHz_TX



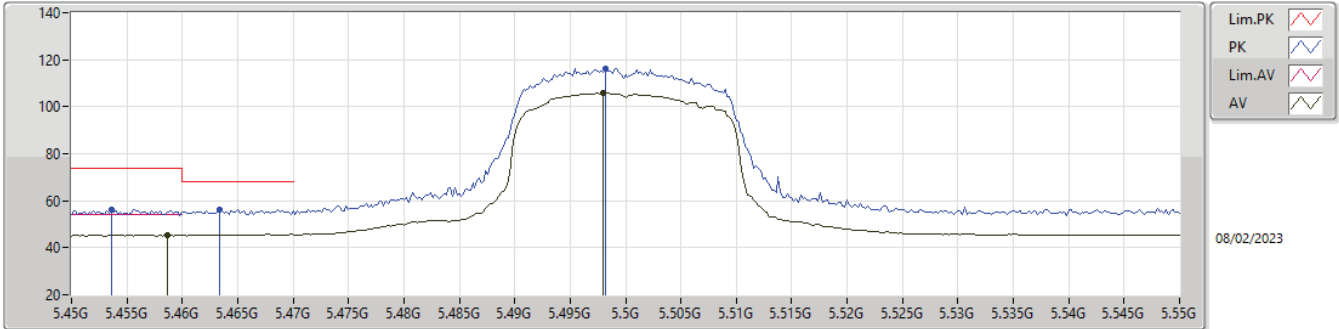
5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX



5.47-5.725GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

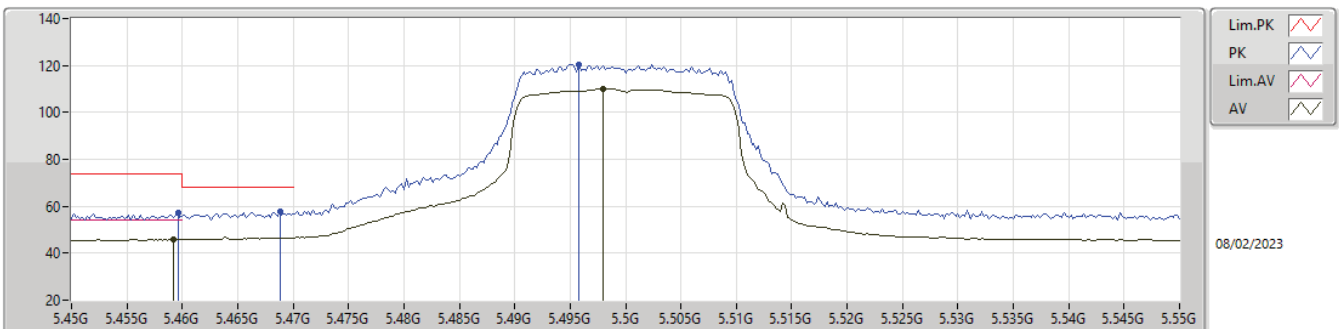
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4586G	45.36	54.00	-8.64	4.32	3	Vertical	307	1.12	41.04	32.88	6.01	34.57
AV	5.498G	105.63	Inf	-Inf	4.26	3	Vertical	307	1.12	101.37	32.80	6.02	34.56
PK	5.4536G	56.42	74.00	-17.58	4.33	3	Vertical	307	1.12	52.09	32.89	6.01	34.57
PK	5.4634G	56.30	68.20	-11.90	4.31	3	Vertical	307	1.12	51.99	32.87	6.01	34.57
PK	5.4982G	116.07	Inf	-Inf	4.26	3	Vertical	307	1.12	111.81	32.80	6.02	34.56

5.47-5.725GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

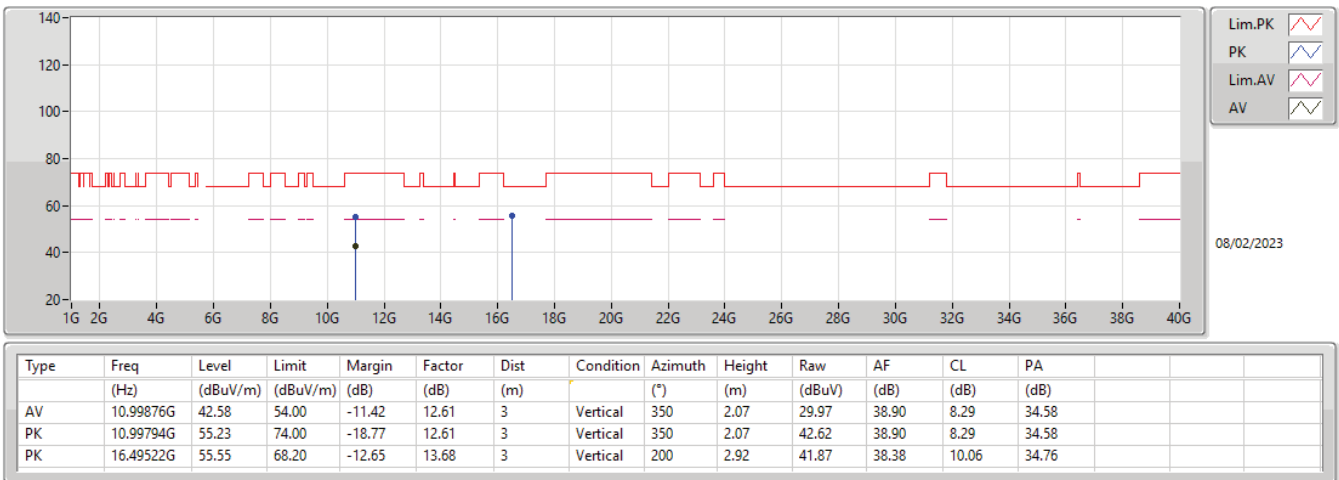


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	45.97	54.00	-8.03	4.32	3	Horizontal	66	1.78	41.65	32.88	6.01	34.57
AV	5.498G	109.94	Inf	-Inf	4.26	3	Horizontal	66	1.78	105.68	32.80	6.02	34.56
PK	5.4596G	57.19	74.00	-16.81	4.32	3	Horizontal	66	1.78	52.87	32.88	6.01	34.57
PK	5.4688G	57.69	68.20	-10.51	4.31	3	Horizontal	66	1.78	53.38	32.86	6.01	34.56
PK	5.4958G	120.58	Inf	-Inf	4.27	3	Horizontal	66	1.78	116.31	32.81	6.02	34.56



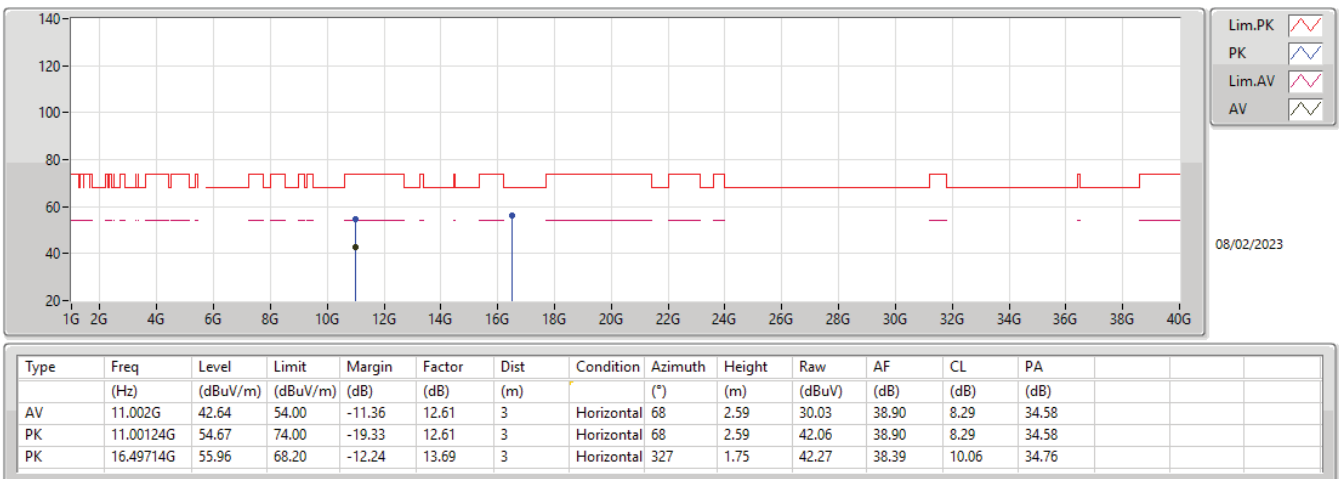
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX



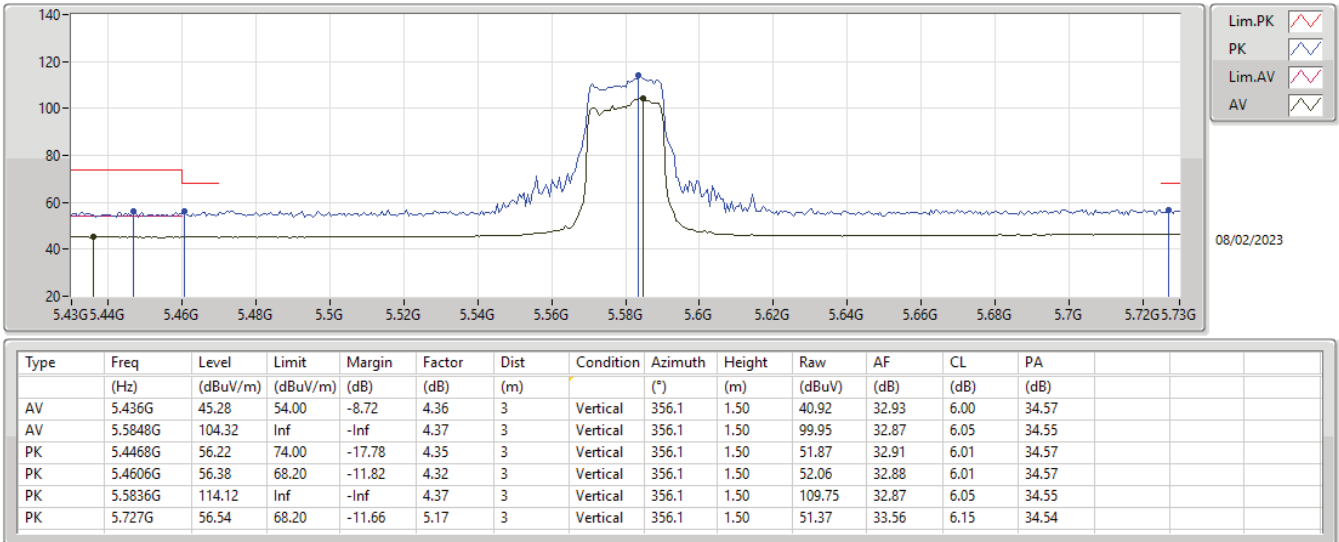
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5500MHz_TX



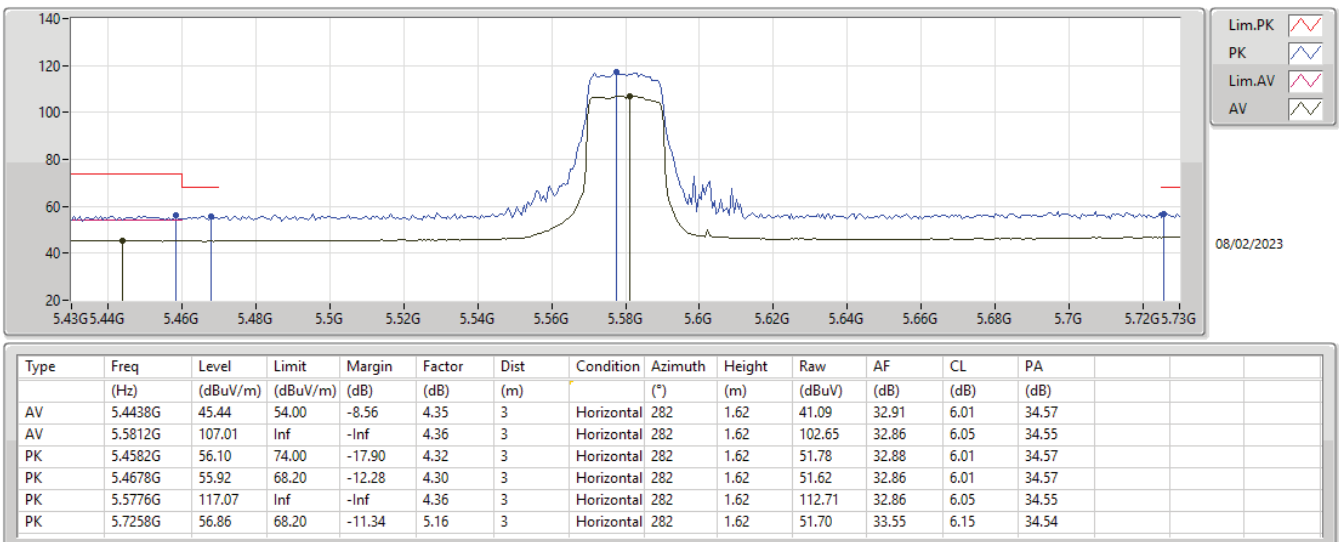
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

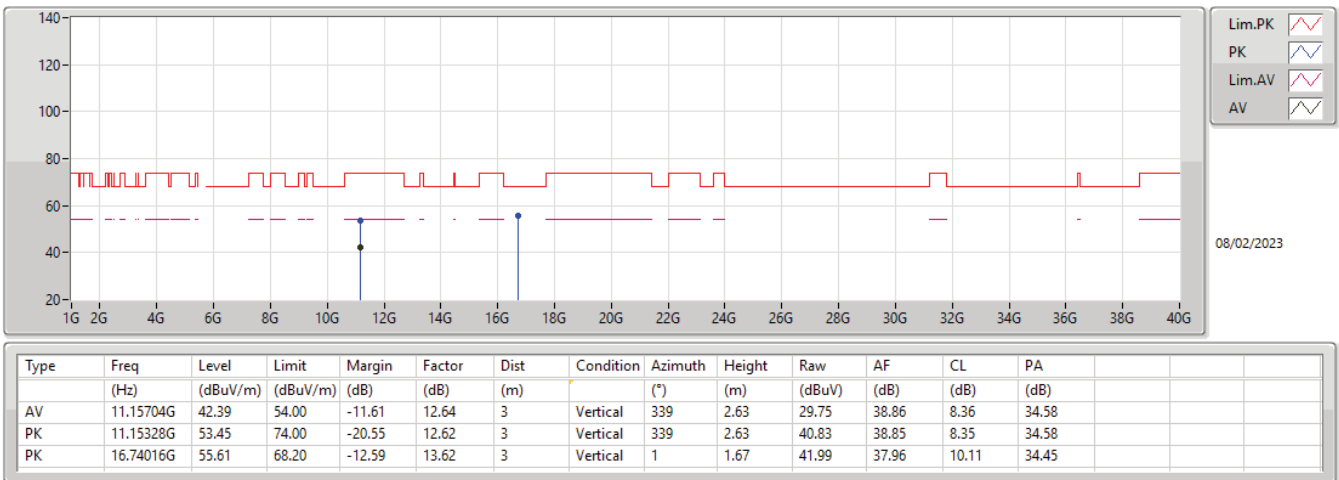
5580MHz_TX





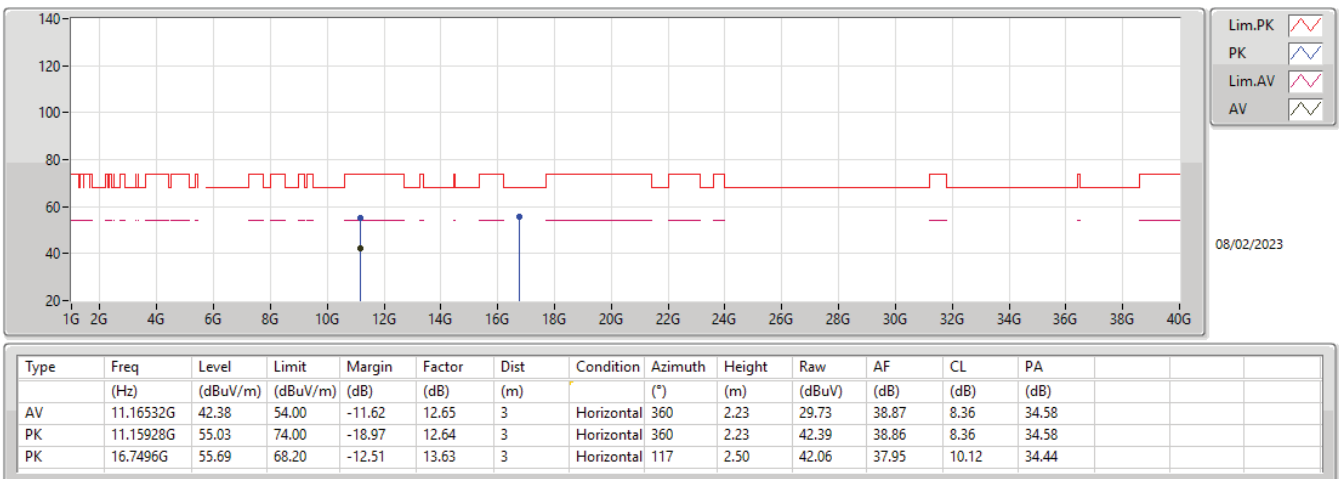
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5580MHz_TX



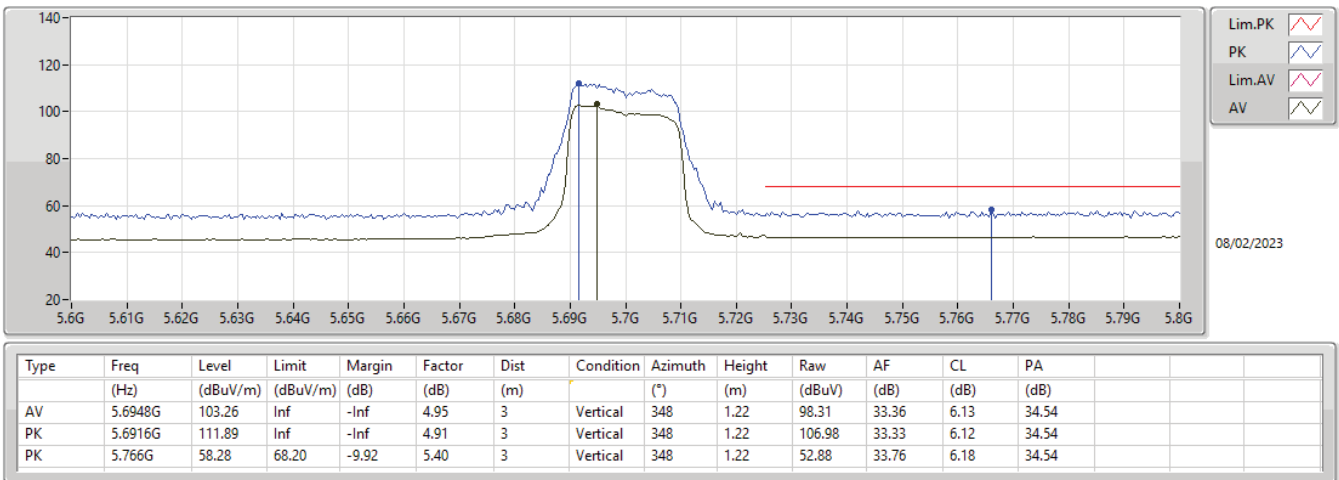
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5580MHz_TX



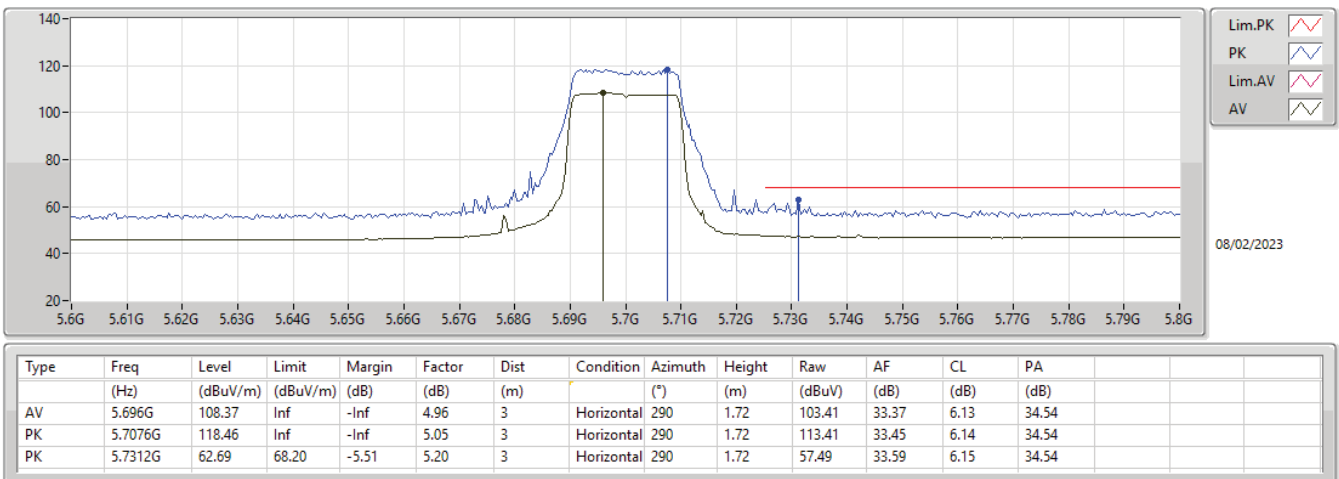
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX



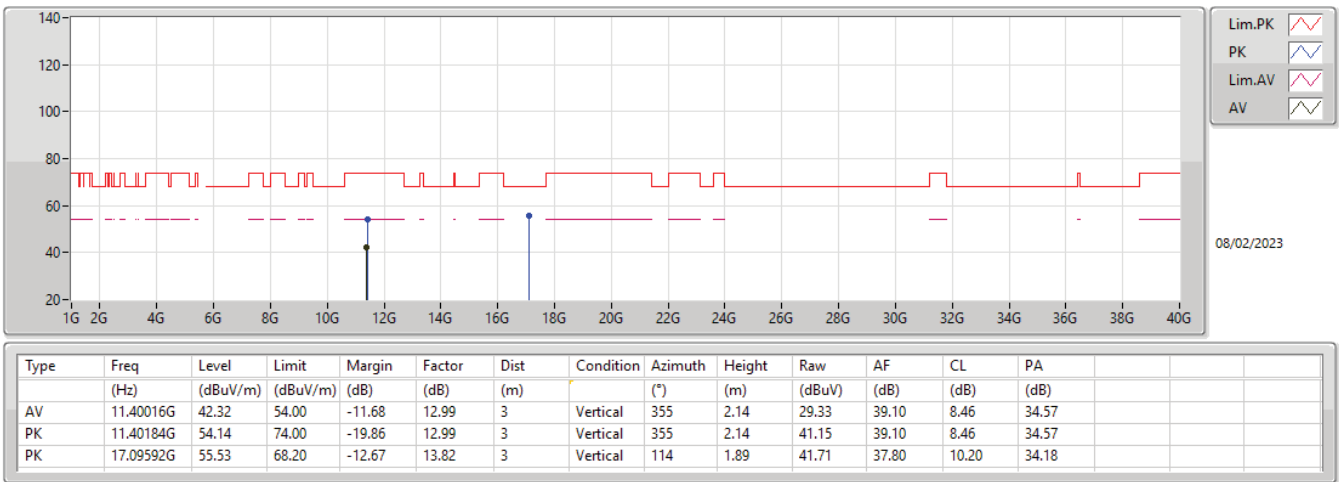
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5700MHz_TX



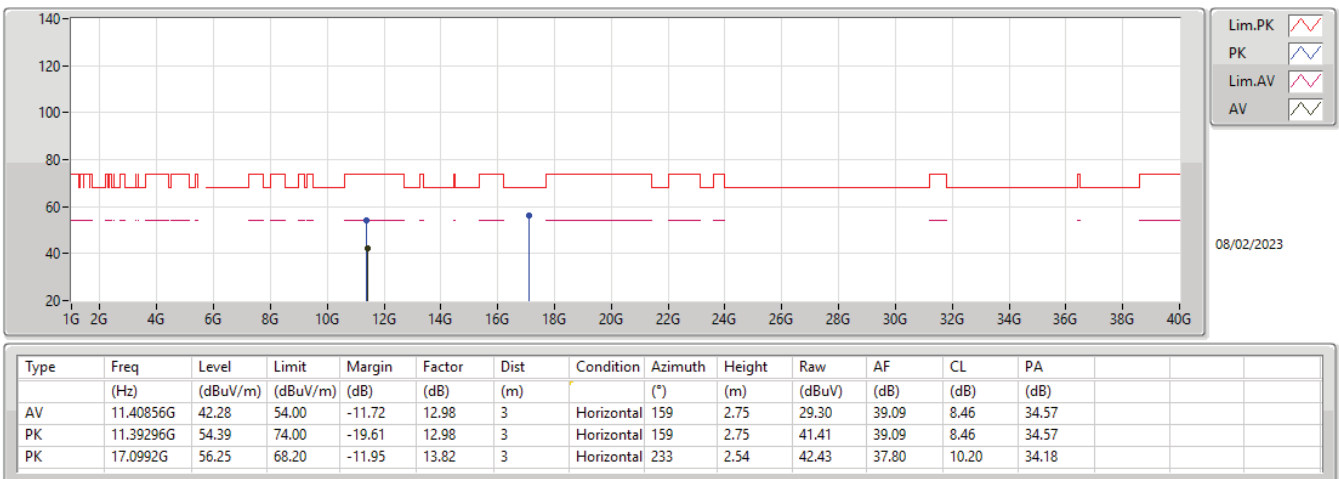
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

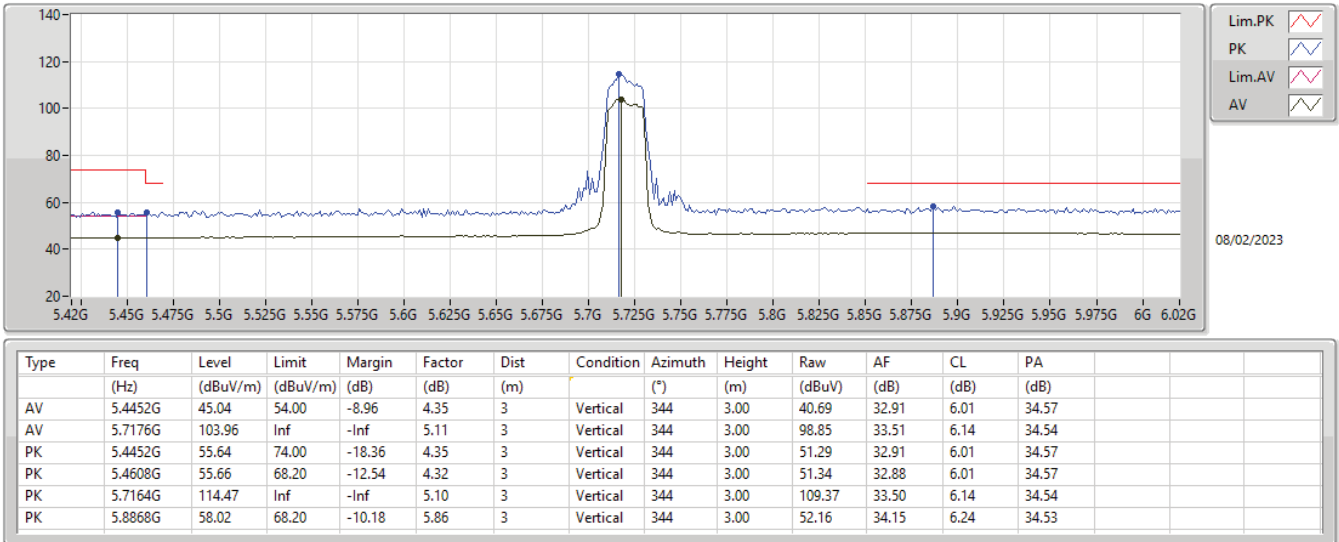
5700MHz_TX





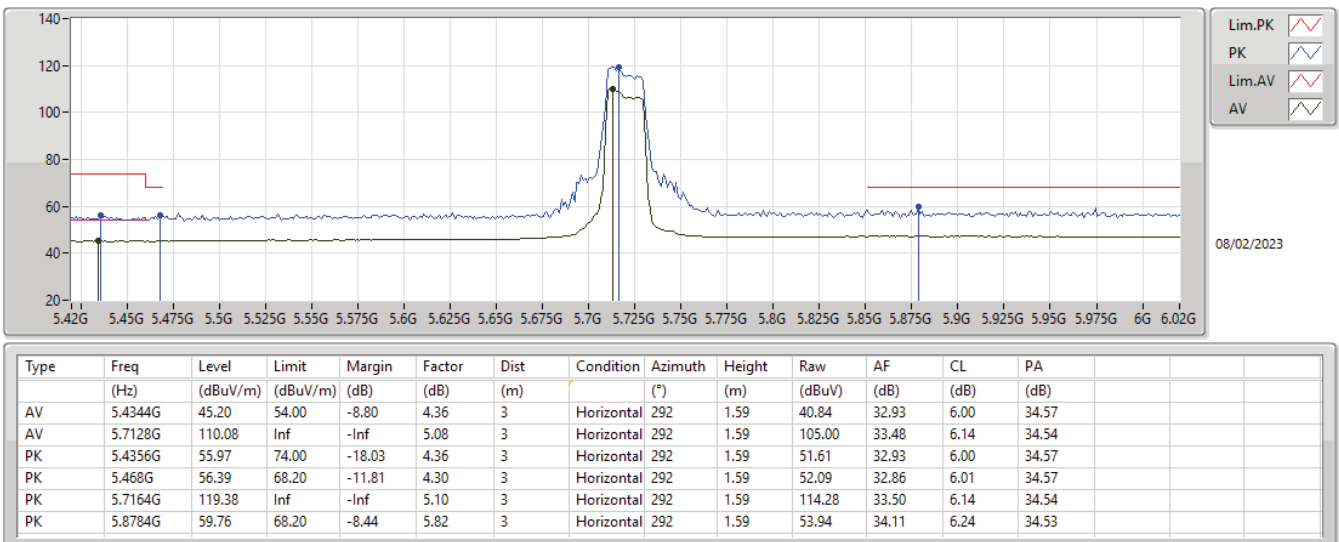
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



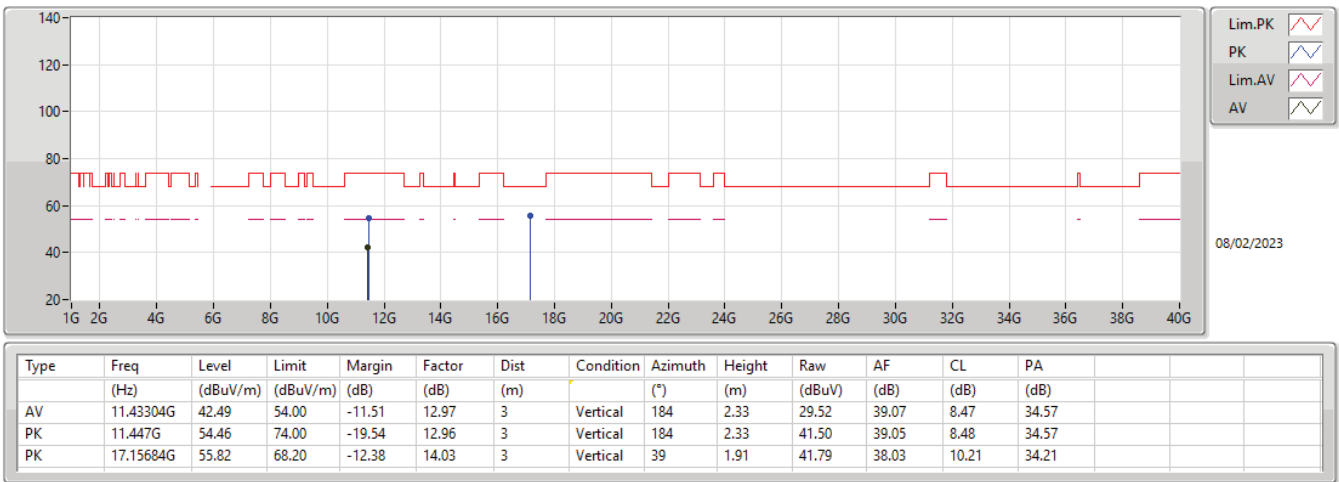
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

