

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 Feb. 22, 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 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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Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	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
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Non-Beamforming

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

Beamforming

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Ramark
1	LITEON	3010001429GD	PIFA	I-PEX	Radio 2_5G
2	LITEON	3010001441GD	PIFA	I-PEX	Radio 1_2.4G+ Radio 2_5G
3	LITEON	3010001443GD	PIFA	I-PEX	Radio 1_2.4G+ Radio 2_5G
4	LITEON	3010001442GD	PIFA	I-PEX	Radio 2_5G
5	LITEON	3010001433GD	PIFA	I-PEX	Radio 1_BT

Ant.	Port	Gain (dBi)					
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	BT
1	1	-	3.4	3.3	3.3	3.5	-
2	2	2.7	3.8	4.0	4.3	4.2	-
3	3	3.2	3.5	3.8	4.1	3.8	-
4	4	-	4.2	4.3	4.1	4.3	-
5	5	-	-	-	-	-	2.7

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 5 (port 5) could transmit/receive.

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	
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

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

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

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
AC Conduction	CO04-HY	Wayne	21.3~22.6°C / 53~57%	22/Feb/2023
RF Conducted	TH07-HY	Yuna	22.3~23.8°C / 48~55%	08/Feb/2023~14/Feb/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	20.5~22.7°C / 56~62%	11/Jan/2023~08/Feb/2023
Radiated (Beamforming)	03CH09-HY	Lego	21.1~22.2°C / 57~63%	08/Feb/2023~10/Feb/2023
Radiated (Co-location)	03CH09-HY	Lego	20.4~20.5°C / 55~56%	08/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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
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
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Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	20.5
5200MHz	20.5
5240MHz	20.5
5745MHz	24
5785MHz	23.5
5825MHz	23.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	20.5
5200MHz	20.5
5240MHz	21
5745MHz	24
5785MHz	23.5
5825MHz	23.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	17.5
5230MHz	22.5
5755MHz	23.5
5795MHz	23
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	17
5775MHz	21.5

**Beamforming**

Test Software Version	Tera Term v4.76
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Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	23
5200MHz	25
5240MHz	25
5745MHz	25
5785MHz	24
5825MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	24
5230MHz	24
5755MHz	24
5795MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	22
5775MHz	24

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode

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 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



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.

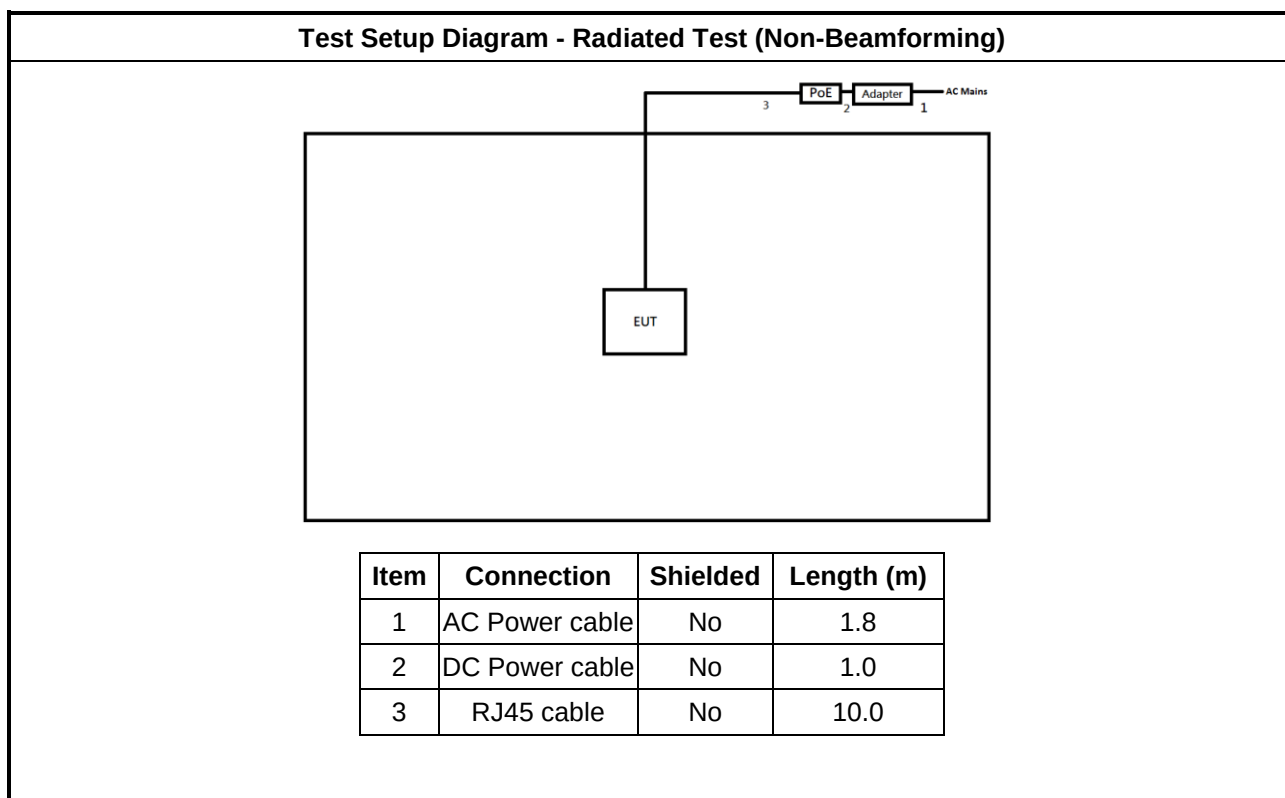
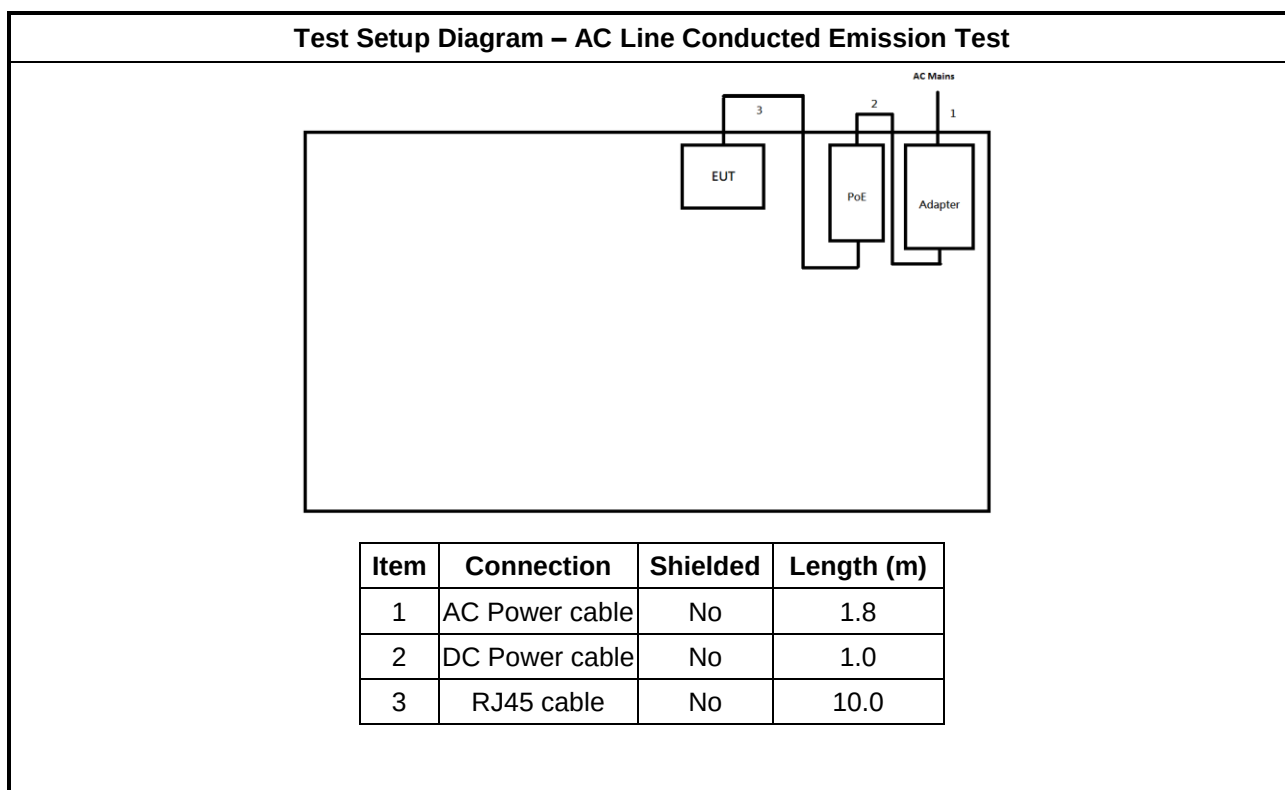
2.4 Support Equipment

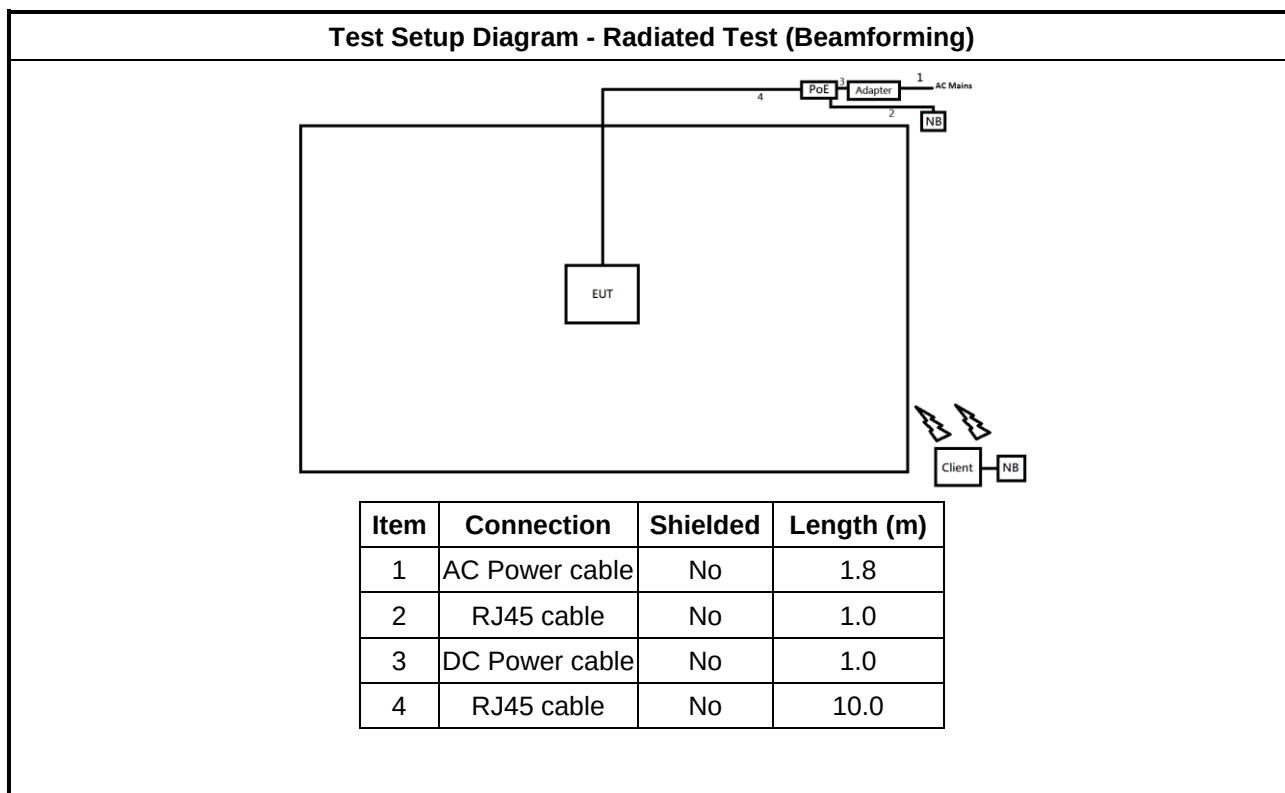
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Power cable	Power Sync	PW-GPC180-3	-	-
3	Adapter	Asian	WB-24M12FU	-	Provided by Customer
4	PoE	Cambium	NET-P60-56IN	-	Provided by Customer

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 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

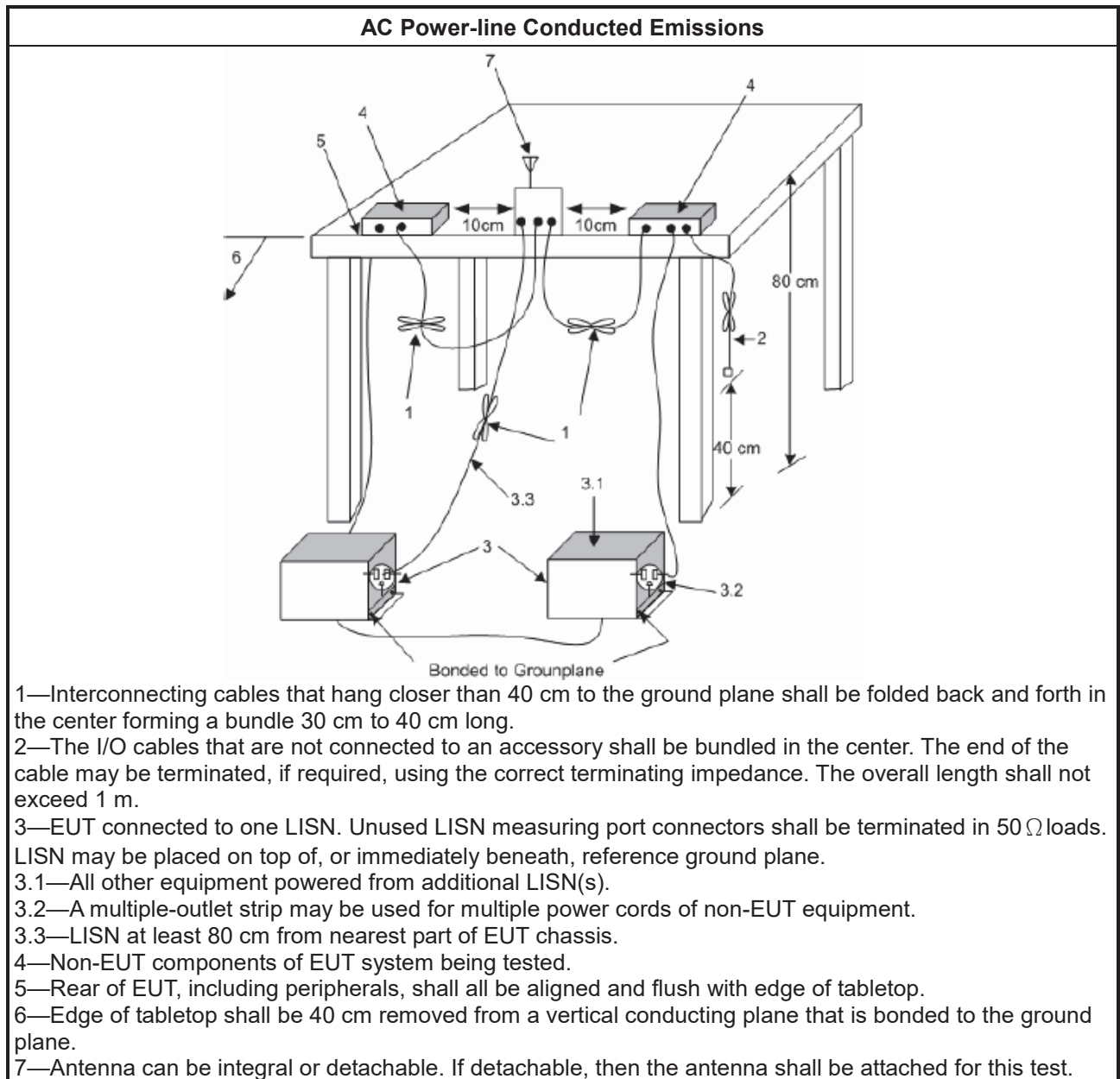
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, 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.

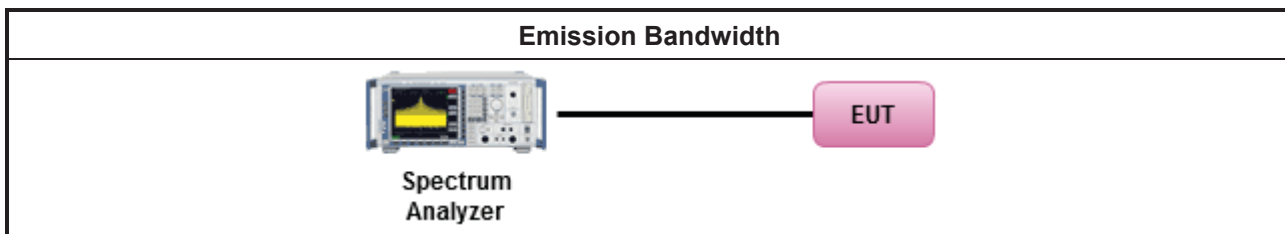
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as 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.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 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.	

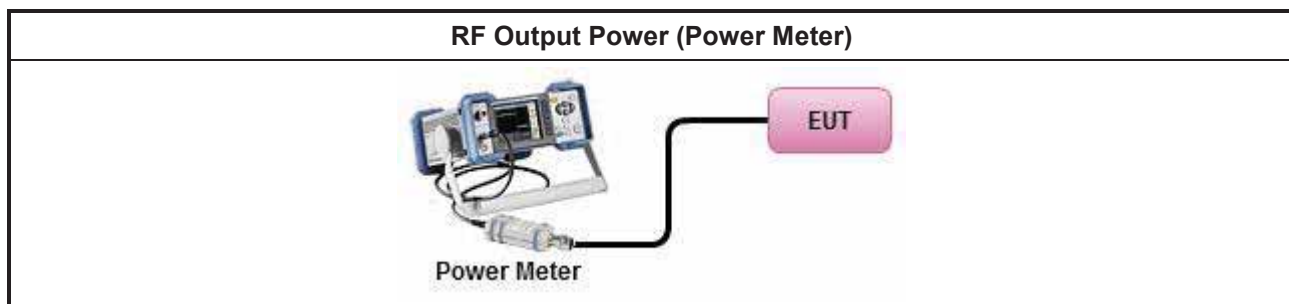
3.3.2 Measuring Instruments

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

3.3.3 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]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 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.	

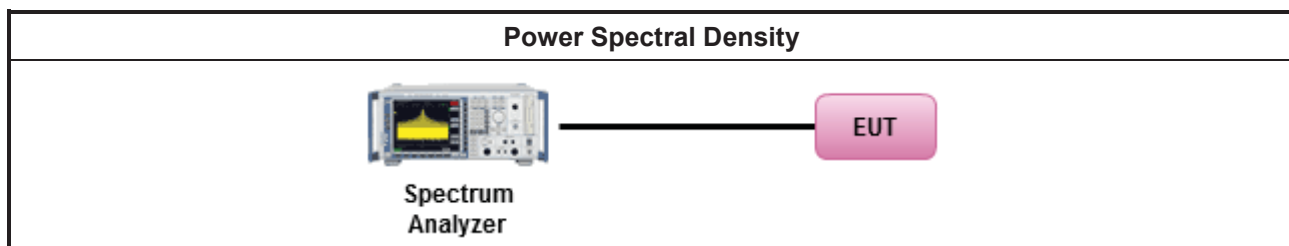
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as 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]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 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).

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

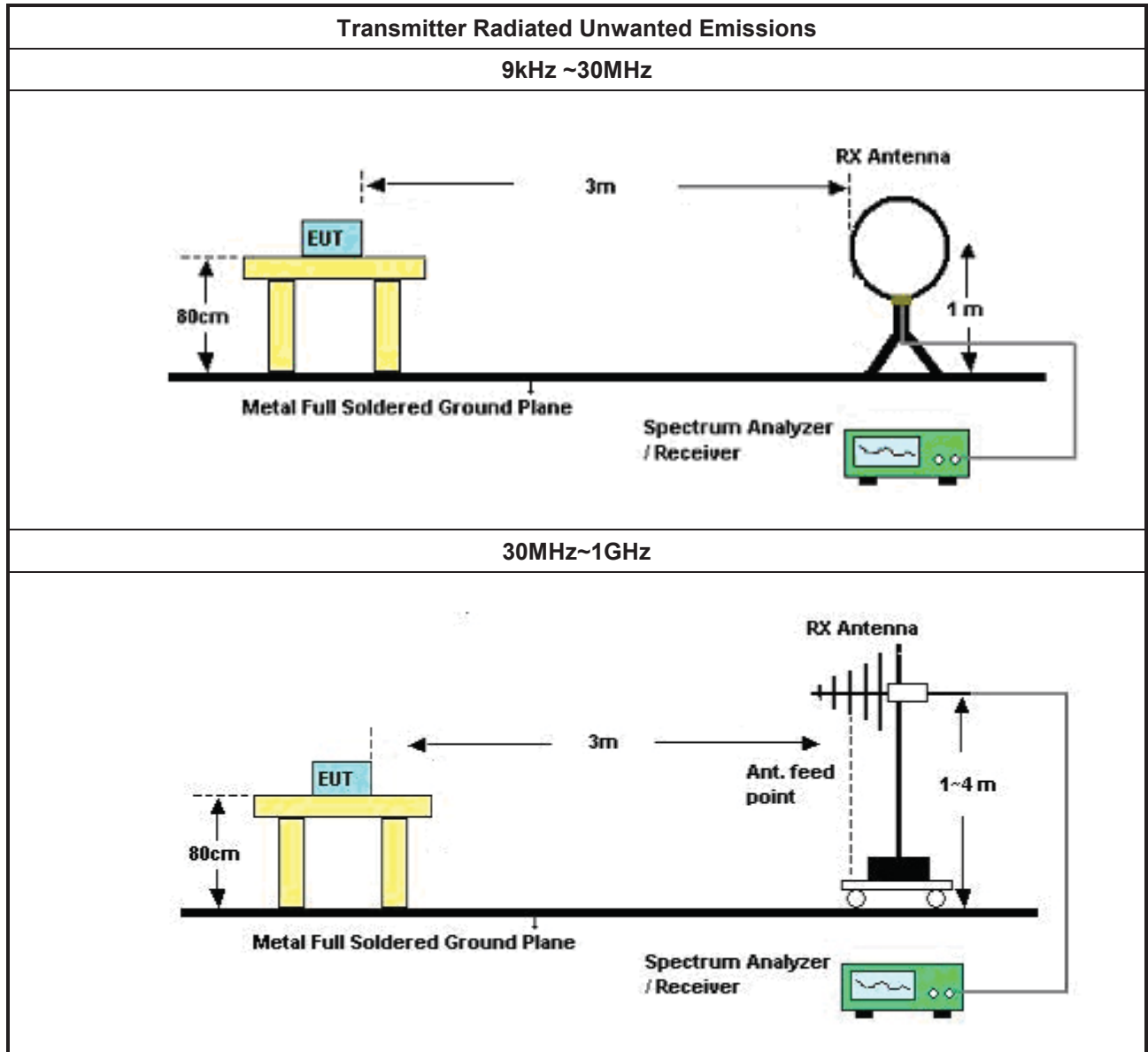
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as 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.

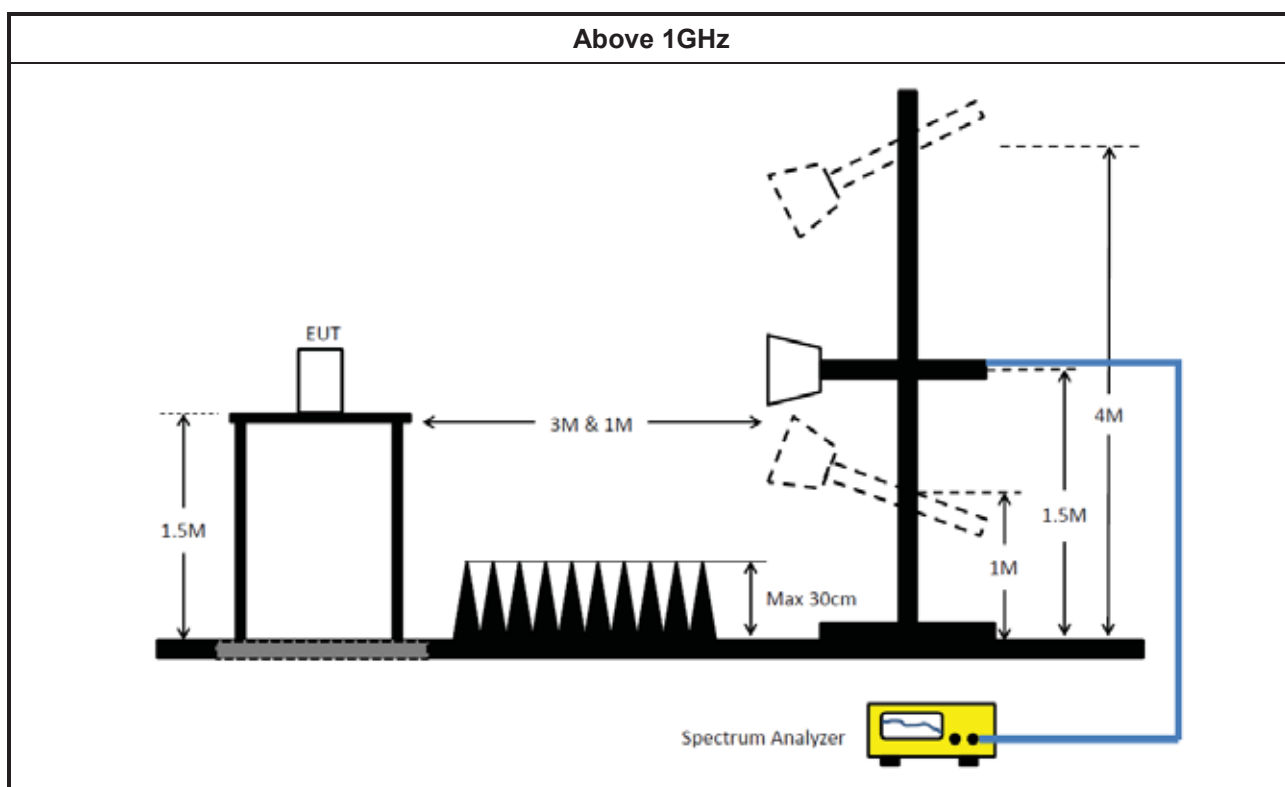
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	31/Jan/2023	30/Jan/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

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+SUHNE R	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 Preamplifier	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

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
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
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz ~ 18GHz	10/Mar/2022	09/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-15407	Sporton	NA	5.11	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

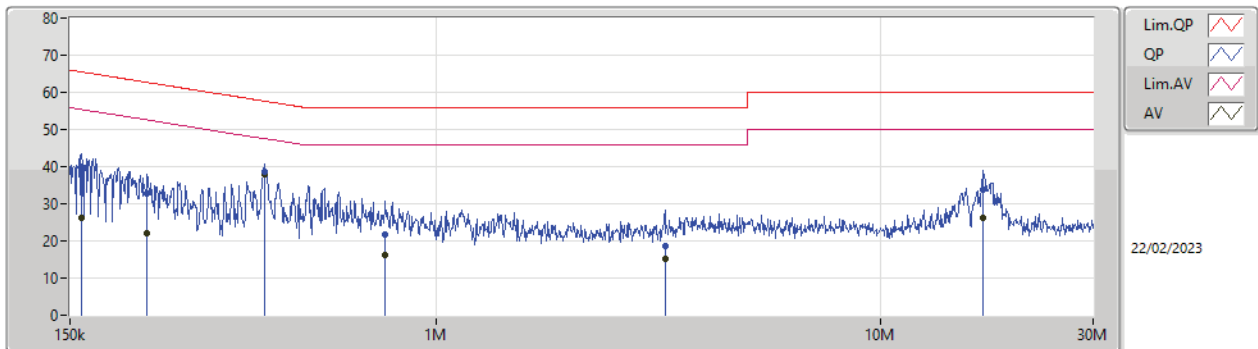
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	410.192k	37.98	47.64	-9.66	Line

**Result**

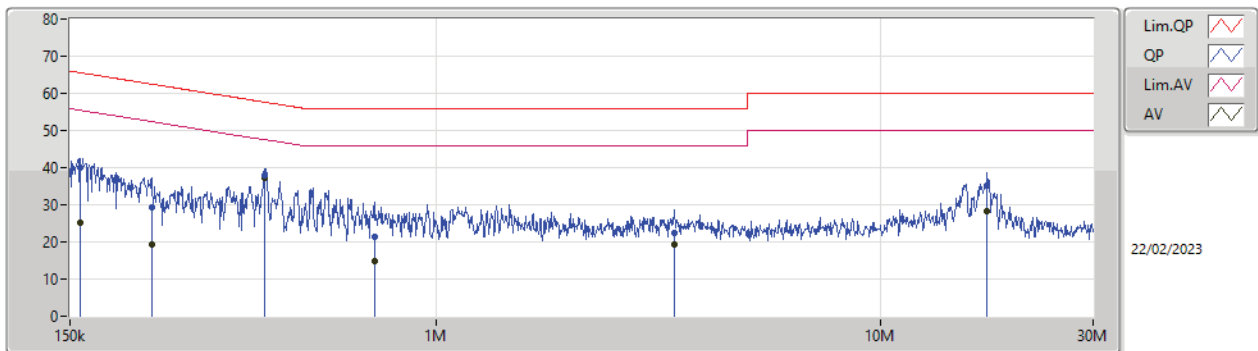
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	159.256k	40.03	65.50	-25.47	Line	-
Mode 1	Pass	AV	159.256k	26.07	55.50	-29.43	Line	-
Mode 1	Pass	QP	223.595k	32.91	62.69	-29.78	Line	-
Mode 1	Pass	AV	223.595k	22.10	52.69	-30.59	Line	-
Mode 1	Pass	QP	410.192k	38.74	57.64	-18.90	Line	-
Mode 1	Pass	AV	410.192k	37.98	47.64	-9.66	Line	-
Mode 1	Pass	QP	767.679k	21.66	56.00	-34.34	Line	-
Mode 1	Pass	AV	767.679k	16.09	46.00	-29.91	Line	-
Mode 1	Pass	QP	3.27M	18.68	56.00	-37.32	Line	-
Mode 1	Pass	AV	3.27M	15.28	46.00	-30.72	Line	-
Mode 1	Pass	QP	17.004M	33.74	60.00	-26.26	Line	-
Mode 1	Pass	AV	17.004M	26.24	50.00	-23.76	Line	-
Mode 1	Pass	QP	157.99k	39.96	65.56	-25.60	Neutral	-
Mode 1	Pass	AV	157.99k	25.14	55.56	-30.42	Neutral	-
Mode 1	Pass	QP	229.015k	29.46	62.48	-33.02	Neutral	-
Mode 1	Pass	AV	229.015k	19.26	52.48	-33.22	Neutral	-
Mode 1	Pass	QP	410.192k	37.81	57.64	-19.83	Neutral	-
Mode 1	Pass	AV	410.192k	37.25	47.64	-10.39	Neutral	-
Mode 1	Pass	QP	725.952k	21.41	56.00	-34.59	Neutral	-
Mode 1	Pass	AV	725.952k	15.00	46.00	-31.00	Neutral	-
Mode 1	Pass	QP	3.43M	22.50	56.00	-33.50	Neutral	-
Mode 1	Pass	AV	3.43M	19.46	46.00	-26.54	Neutral	-
Mode 1	Pass	QP	17.346M	35.28	60.00	-24.72	Neutral	-
Mode 1	Pass	AV	17.346M	28.39	50.00	-21.61	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159.256k	40.03	65.50	-25.47	19.55	Line	-	20.48	9.59	0.03	9.93			
AV	159.256k	26.07	55.50	-29.43	19.55	Line	-	6.52	9.59	0.03	9.93			
QP	223.595k	32.91	62.69	-29.78	19.55	Line	-	13.36	9.59	0.03	9.93			
AV	223.595k	22.10	52.69	-30.59	19.55	Line	-	2.55	9.59	0.03	9.93			
QP	410.192k	38.74	57.64	-18.90	19.60	Line	-	19.14	9.60	0.04	9.96			
AV	410.192k	37.98	47.64	-9.66	19.60	Line	-	18.38	9.60	0.04	9.96			
QP	767.679k	21.66	56.00	-34.34	19.61	Line	-	2.05	9.61	0.05	9.95			
AV	767.679k	16.09	46.00	-29.91	19.61	Line	-	-3.52	9.61	0.05	9.95			
QP	3.27M	18.68	56.00	-37.32	19.71	Line	-	-1.03	9.66	0.12	9.93			
AV	3.27M	15.28	46.00	-30.72	19.71	Line	-	-4.43	9.66	0.12	9.93			
QP	17.004M	33.74	60.00	-26.26	19.91	Line	-	13.83	9.69	0.25	9.97			
AV	17.004M	26.24	50.00	-23.76	19.91	Line	-	6.33	9.69	0.25	9.97			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.99k	39.96	65.56	-25.60	19.56	Neutral	-	20.40	9.60	0.03	9.93			
AV	157.99k	25.14	55.56	-30.42	19.56	Neutral	-	5.58	9.60	0.03	9.93			
QP	229.015k	29.46	62.48	-33.02	19.57	Neutral	-	9.89	9.60	0.03	9.94			
AV	229.015k	19.26	52.48	-33.22	19.57	Neutral	-	-0.31	9.60	0.03	9.94			
QP	410.192k	37.81	57.64	-19.83	19.60	Neutral	-	18.21	9.60	0.04	9.96			
AV	410.192k	37.25	47.64	-10.39	19.60	Neutral	-	17.65	9.60	0.04	9.96			
QP	725.952k	21.41	56.00	-34.59	19.61	Neutral	-	1.80	9.61	0.05	9.95			
AV	725.952k	15.00	46.00	-31.00	19.61	Neutral	-	-4.61	9.61	0.05	9.95			
QP	3.43M	22.50	56.00	-33.50	19.69	Neutral	-	2.81	9.64	0.12	9.93			
AV	3.43M	19.46	46.00	-26.54	19.69	Neutral	-	-0.23	9.64	0.12	9.93			
QP	17.346M	35.28	60.00	-24.72	19.95	Neutral	-	15.33	9.72	0.26	9.97			
AV	17.346M	28.39	50.00	-21.61	19.95	Neutral	-	8.44	9.72	0.26	9.97			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.085M	16.337M	16M3D1D	18.535M	16.294M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.065M	18.885M	18M9D1D	20.57M	18.857M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.7M	37.759M	37M8D1D	40.26M	37.582M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.06M	77.155M	77M2D1D	81.62M	77.03M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.335M	16.755M	16M8D1D	15.84M	16.434M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.975M	19.141M	19M1D1D	18.15M	18.944M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.06M	37.938M	37M9D1D	35.97M	37.69M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.44M	77.081M	77M1D1D	74.8M	76.779M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	18.755M	16.315M	18.645M	16.305M	19.03M	16.327M	18.92M	16.336M
5200MHz	Pass	Inf	18.7M	16.307M	18.645M	16.302M	19.03M	16.332M	19.03M	16.328M
5240MHz	Pass	Inf	18.535M	16.307M	18.59M	16.294M	18.92M	16.337M	19.085M	16.332M
5745MHz	Pass	500k	16.28M	16.755M	16.335M	16.737M	16.28M	16.434M	16.28M	16.508M
5785MHz	Pass	500k	16.06M	16.461M	15.84M	16.467M	16.335M	16.539M	15.95M	16.493M
5825MHz	Pass	500k	16.28M	16.486M	16.335M	16.509M	16.335M	16.528M	16.225M	16.505M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.79M	18.871M	20.9M	18.864M	20.735M	18.878M	21.065M	18.878M
5200MHz	Pass	Inf	20.68M	18.879M	20.625M	18.869M	20.79M	18.882M	20.68M	18.857M
5240MHz	Pass	Inf	20.57M	18.885M	20.625M	18.869M	20.57M	18.862M	20.68M	18.881M
5745MHz	Pass	500k	18.15M	19.141M	18.81M	19.116M	18.92M	18.944M	18.92M	18.991M
5785MHz	Pass	500k	18.865M	19M	18.92M	18.997M	18.865M	18.993M	18.315M	18.958M
5825MHz	Pass	500k	18.92M	18.993M	18.81M	18.997M	18.975M	18.987M	18.81M	18.989M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.614M	40.26M	37.646M	40.37M	37.674M	40.37M	37.596M
5230MHz	Pass	Inf	40.59M	37.582M	40.48M	37.716M	40.7M	37.759M	40.59M	37.679M
5755MHz	Pass	500k	35.97M	37.903M	37.95M	37.938M	37.4M	37.739M	36.19M	37.739M
5795MHz	Pass	500k	37.84M	37.759M	37.51M	37.69M	36.85M	37.72M	38.06M	37.691M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.06M	77.155M	81.84M	77.03M	82.06M	77.053M	81.62M	77.138M
5775MHz	Pass	500k	77.44M	77.07M	77.22M	77.081M	74.8M	76.779M	76.12M	77.003M

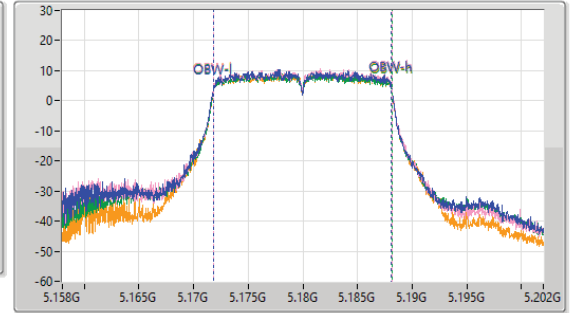
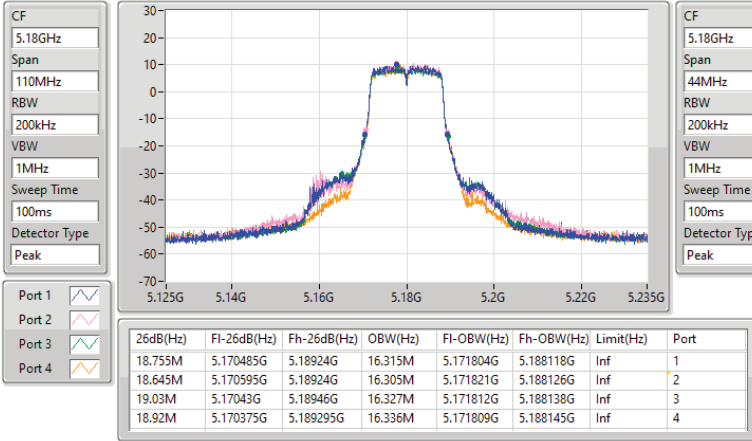
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

10/02/2023

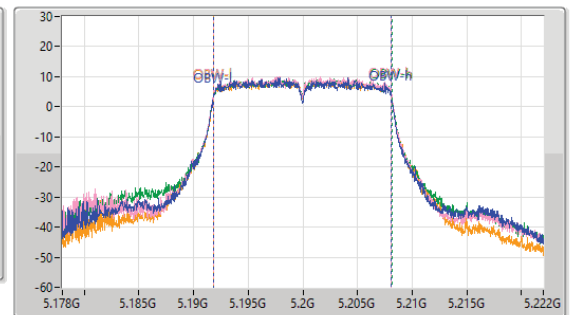
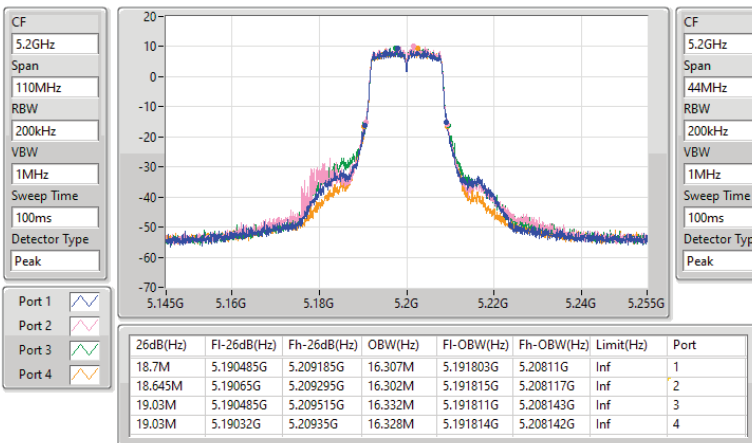


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

10/02/2023

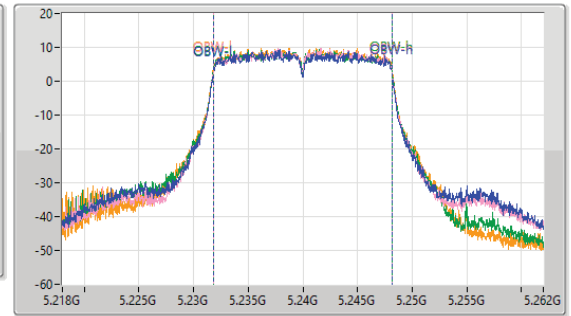
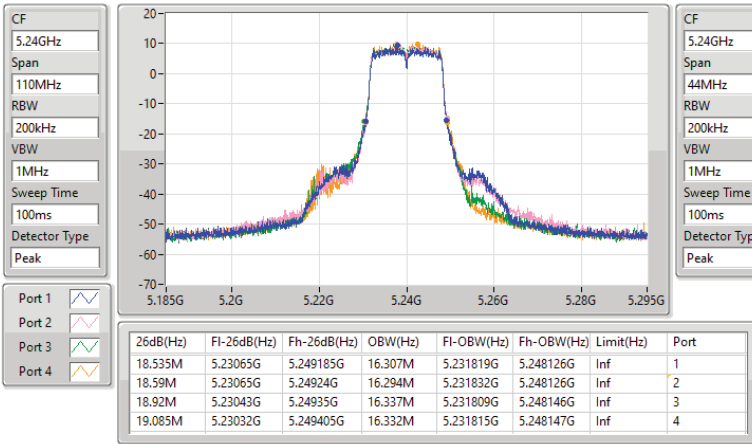


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

10/02/2023

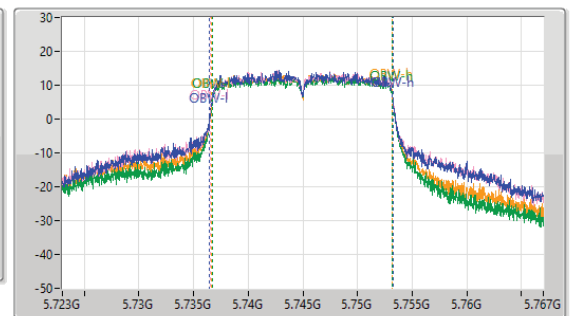
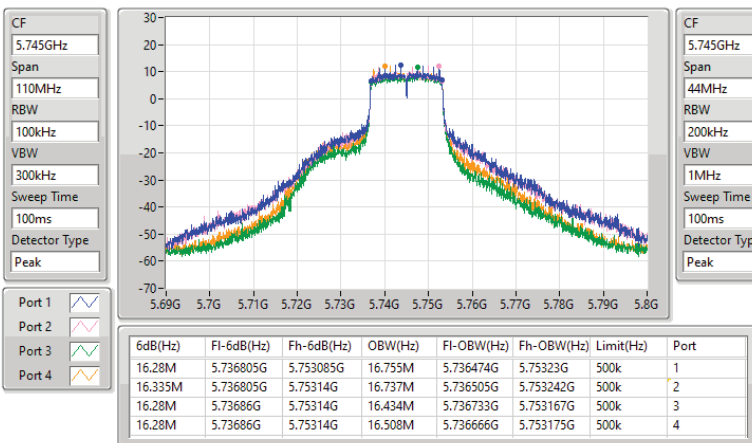


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

10/02/2023

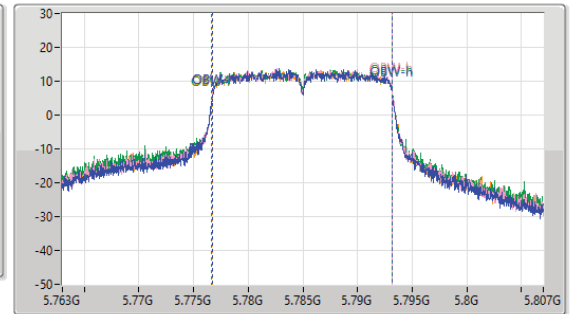
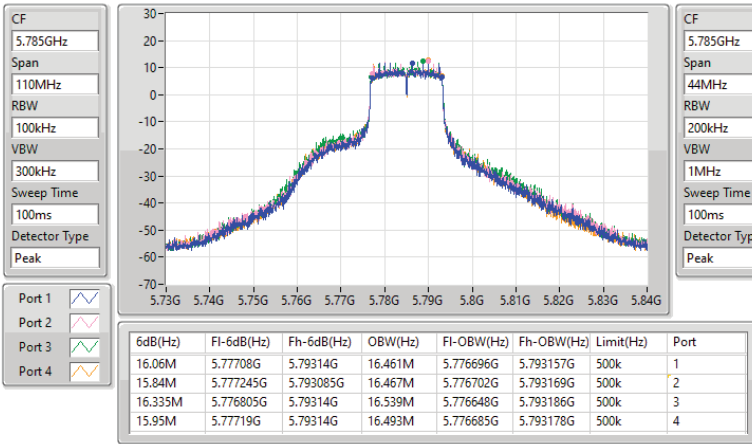


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

10/02/2023

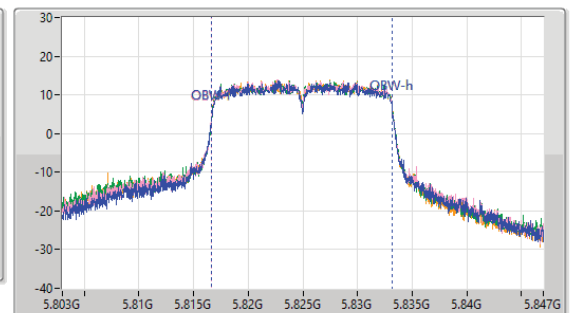
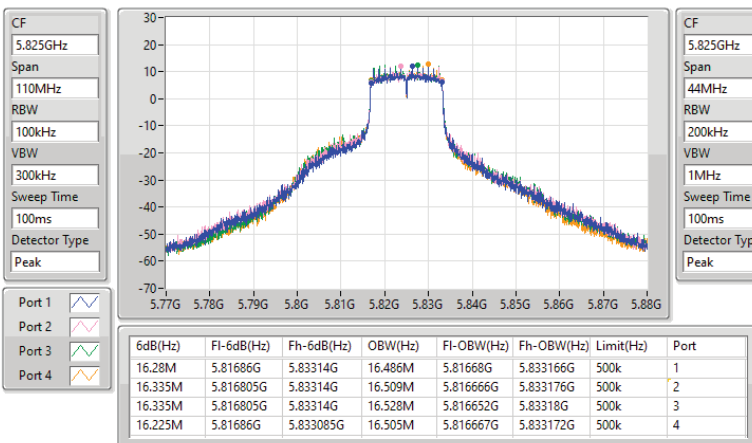


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

10/02/2023



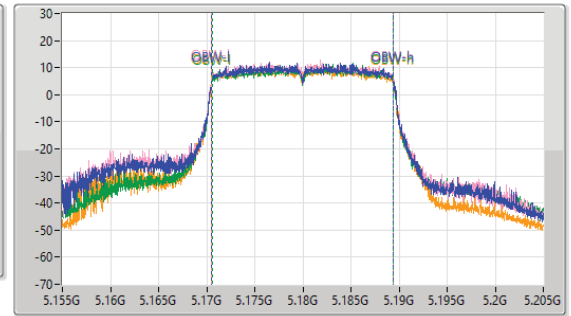
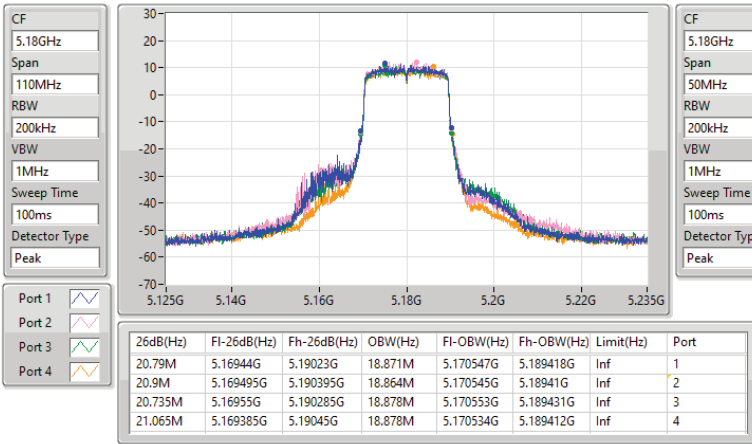


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

10/02/2023

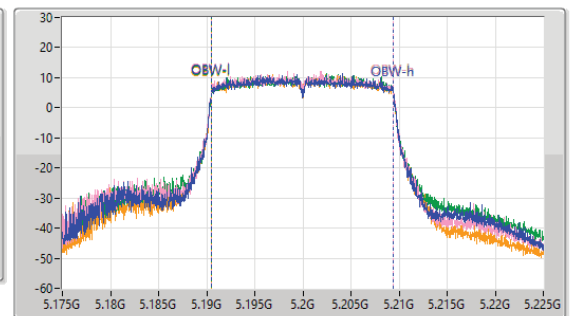
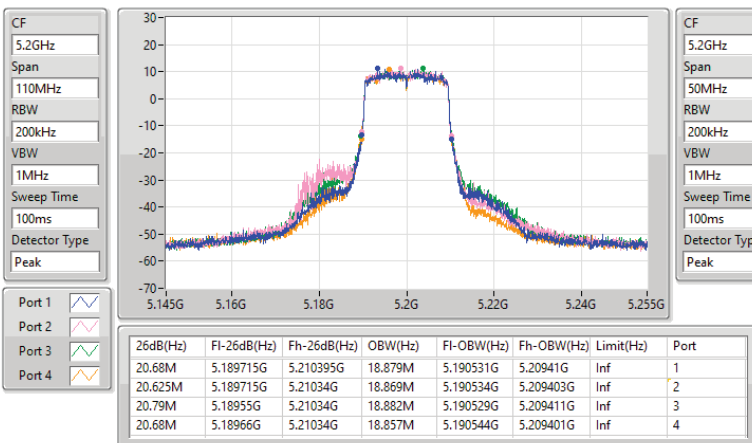


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

10/02/2023

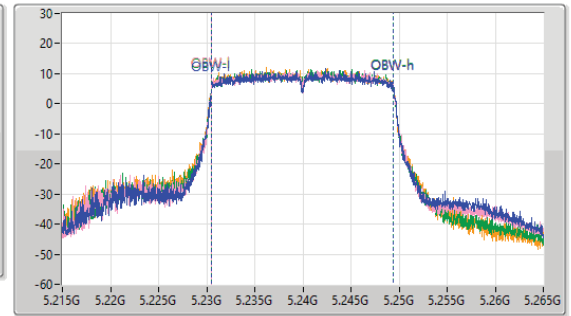
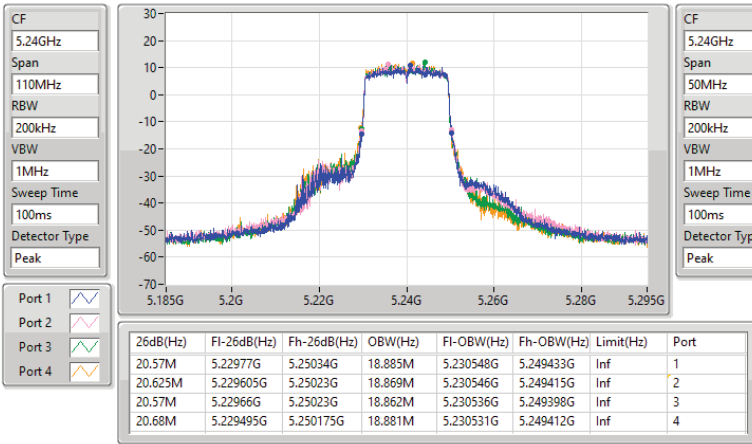


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

10/02/2023

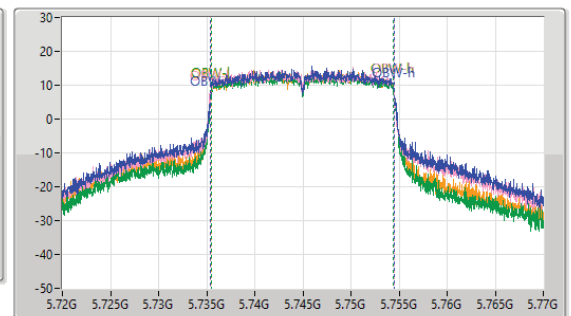
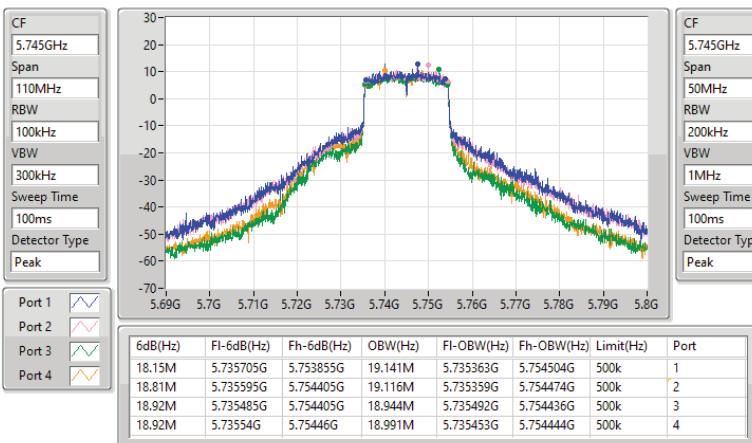


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

10/02/2023



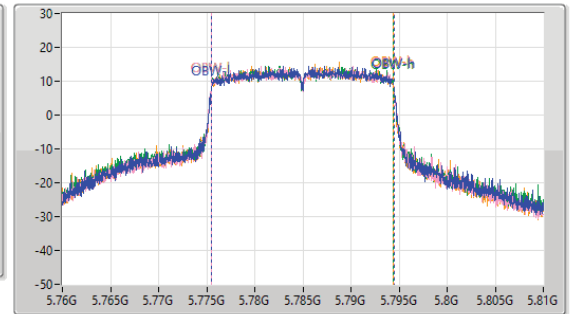
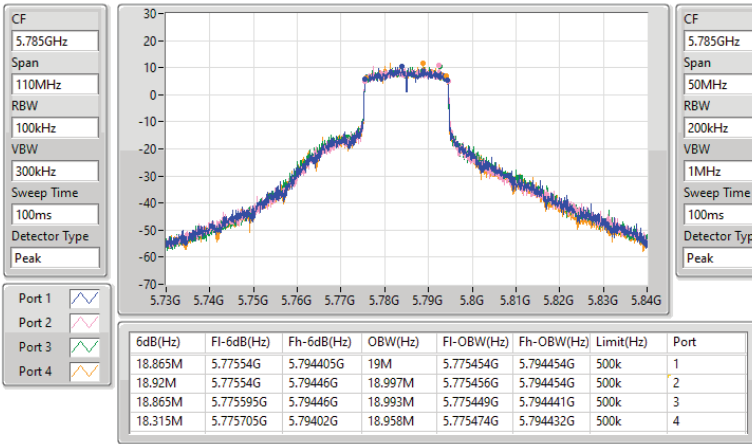


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

10/02/2023

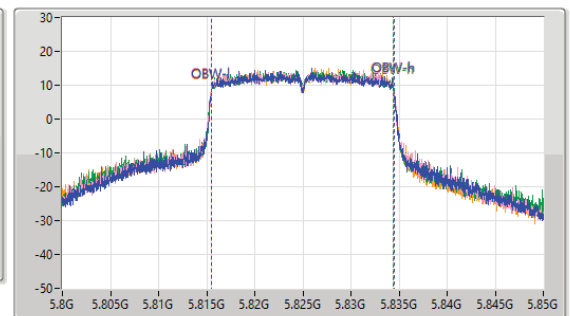
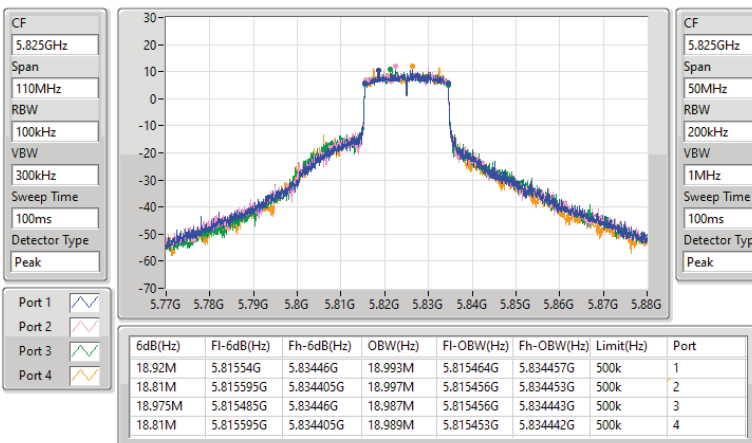


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

10/02/2023

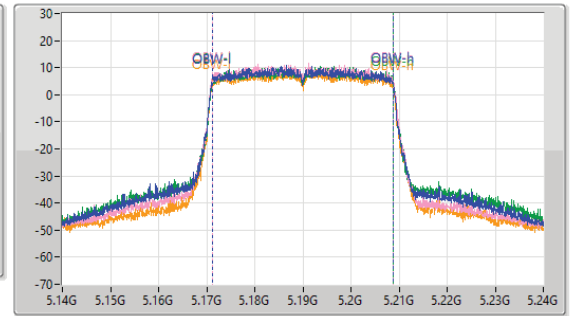
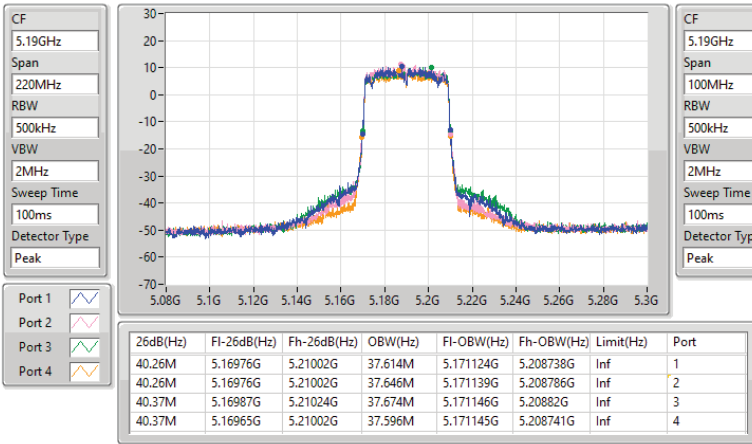


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

10/02/2023

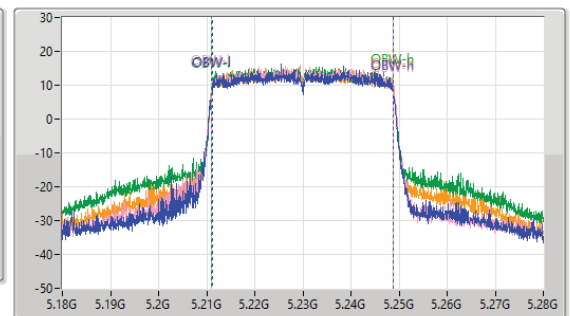
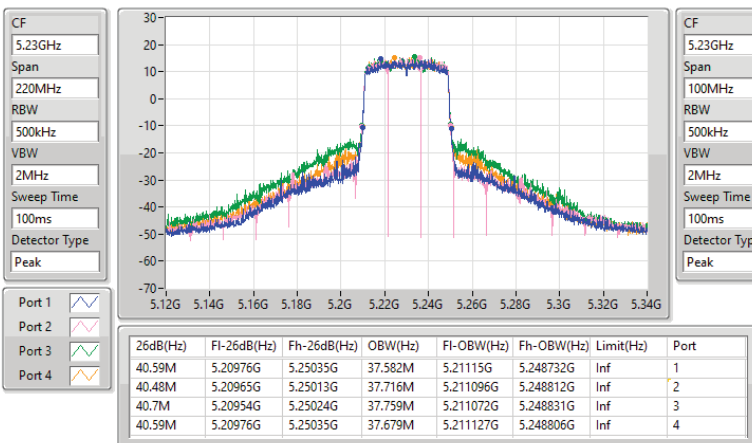


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

10/02/2023



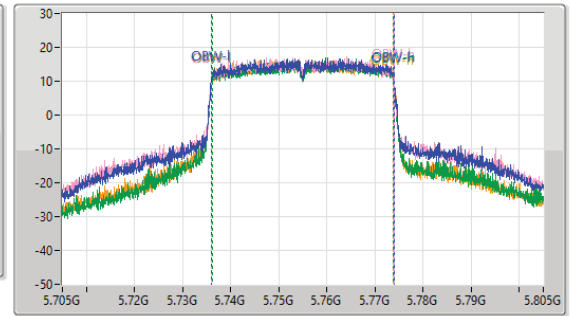
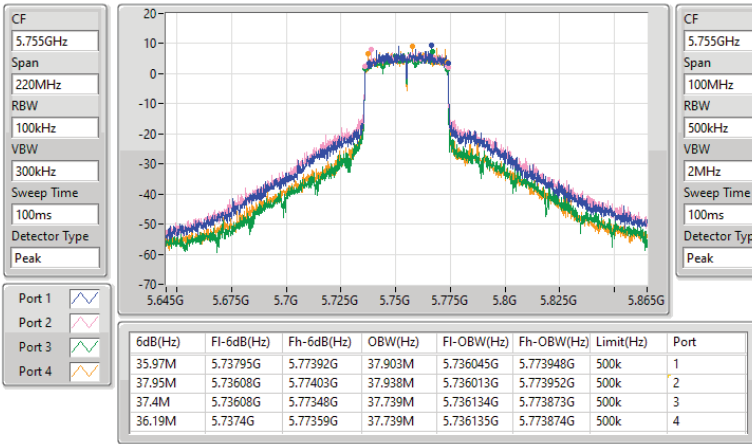


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

10/02/2023

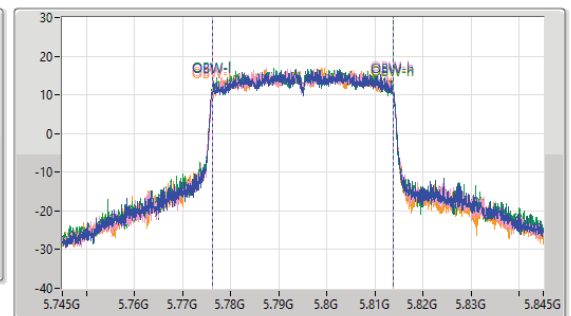
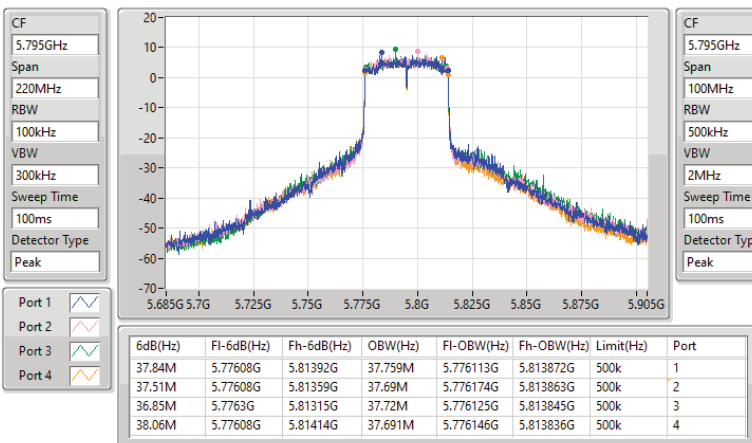


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

10/02/2023



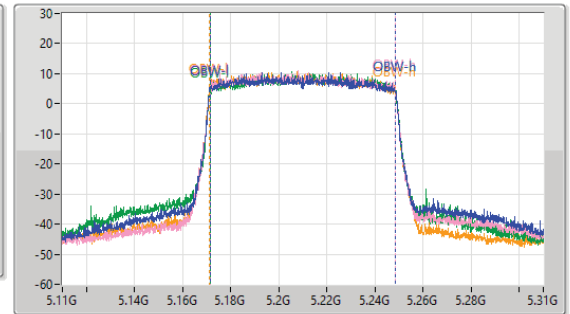
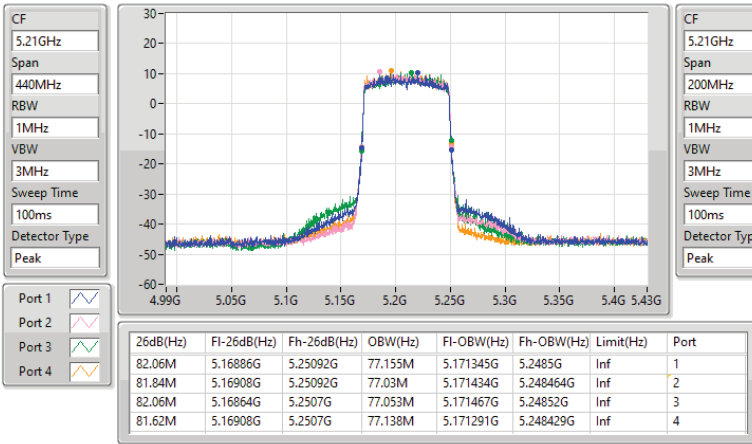


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

10/02/2023

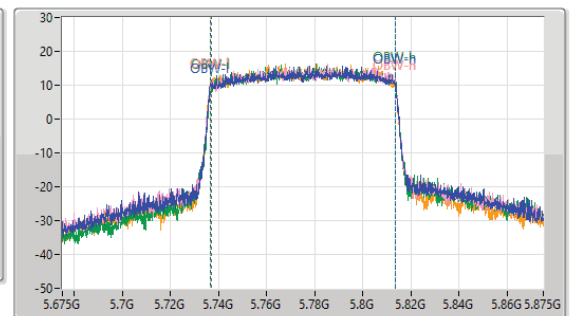
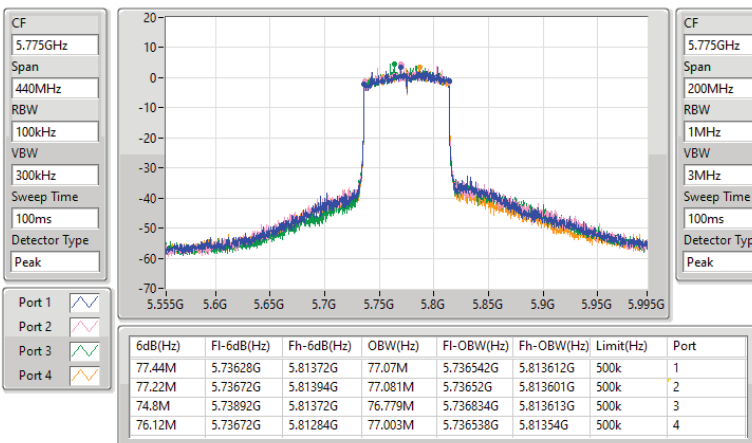


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

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 HEW20-BF_Nss1,(MCS0)_4TX	21.23M	18.941M	18M9D1D	20.735M	18.838M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.7M	37.802M	37M8D1D	39.6M	37.213M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.84M	77.267M	77M3D1D	80.74M	76.269M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.92M	18.885M	18M9D1D	9.24M	18.839M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.84M	37.752M	37M8D1D	35.97M	37.559M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.88M	77.466M	77M5D1D	65.12M	76.412M

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.065M	18.941M	20.955M	18.854M	20.735M	18.868M	20.955M	18.861M
5200MHz	Pass	Inf	20.735M	18.839M	20.845M	18.899M	21.01M	18.838M	20.845M	18.875M
5240MHz	Pass	Inf	20.845M	18.869M	21.065M	18.89M	21.23M	18.856M	20.845M	18.892M
5745MHz	Pass	500k	18.205M	18.852M	18.37M	18.862M	18.7M	18.885M	18.92M	18.855M
5785MHz	Pass	500k	18.04M	18.846M	18.645M	18.878M	18.92M	18.85M	18.59M	18.867M
5825MHz	Pass	500k	9.24M	18.839M	18.81M	18.88M	18.81M	18.871M	18.645M	18.872M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.629M	40.04M	37.569M	40.48M	37.802M	40.26M	37.588M
5230MHz	Pass	Inf	40.15M	37.599M	39.6M	37.213M	40.7M	37.769M	40.15M	37.702M
5755MHz	Pass	500k	37.62M	37.71M	37.07M	37.653M	36.52M	37.571M	37.73M	37.668M
5795MHz	Pass	500k	35.97M	37.559M	37.84M	37.752M	37.73M	37.618M	36.85M	37.736M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.62M	77.169M	81.84M	76.637M	81.84M	77.267M	80.74M	76.269M
5775MHz	Pass	500k	65.12M	76.412M	77.88M	77.466M	72.82M	76.524M	76.78M	77.233M

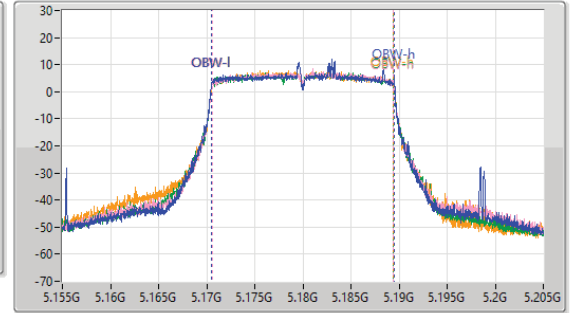
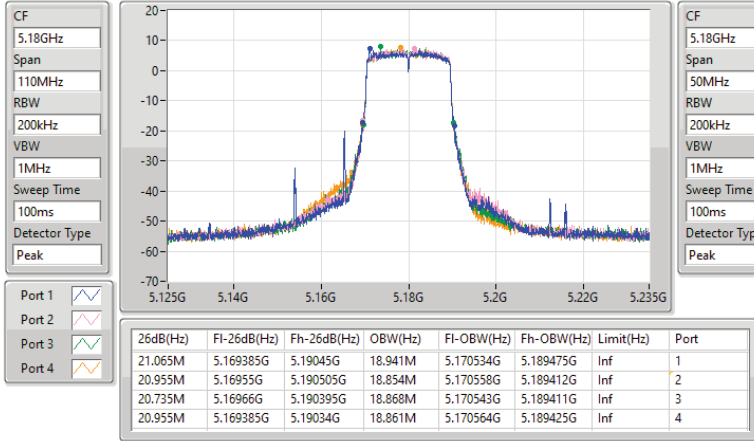
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

13/02/2023

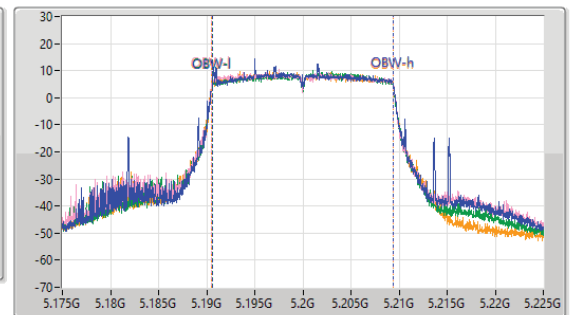
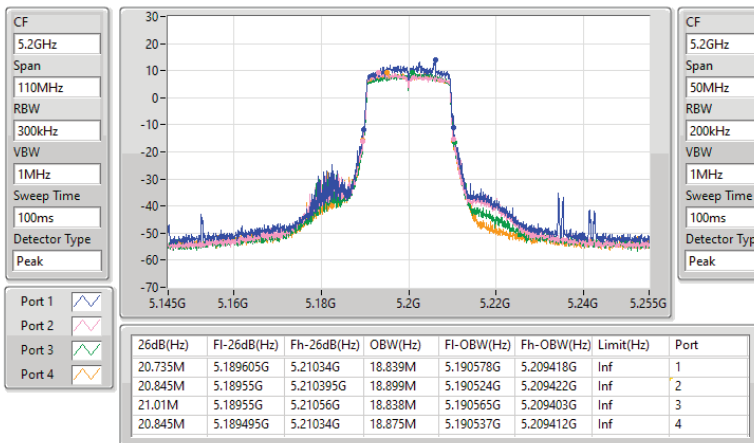


5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

13/02/2023

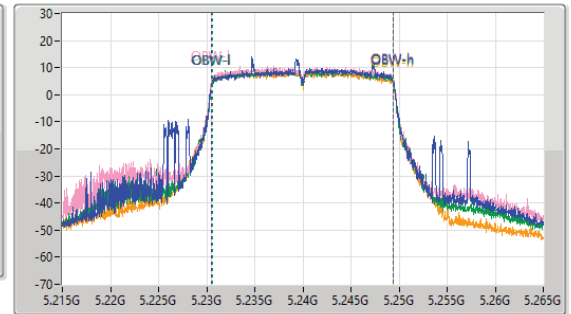
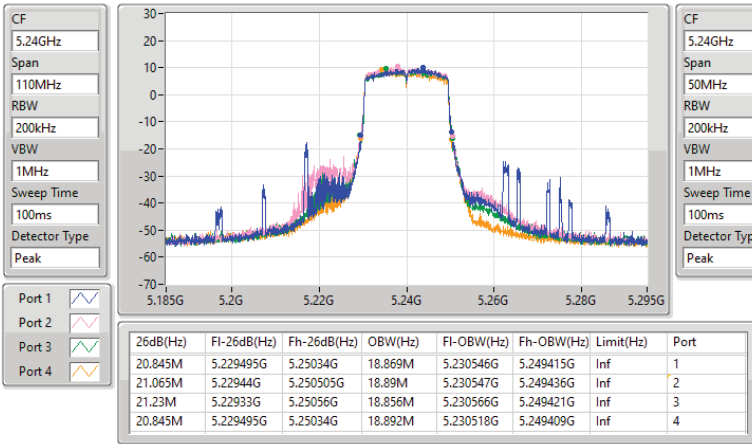


5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

13/02/2023

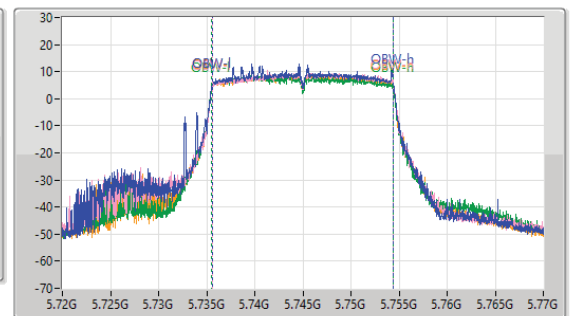
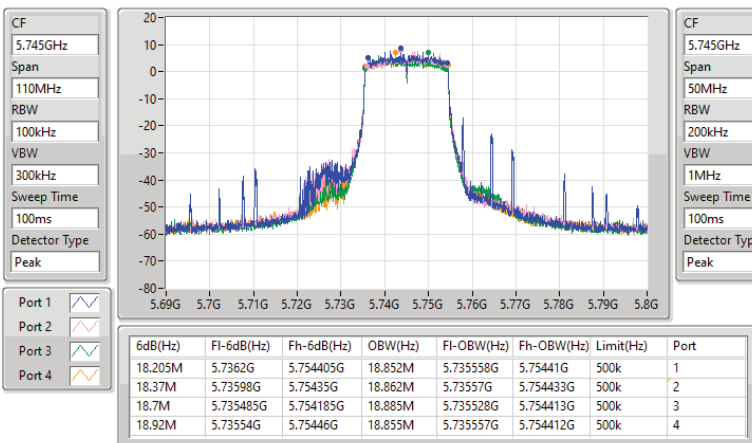


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

13/02/2023



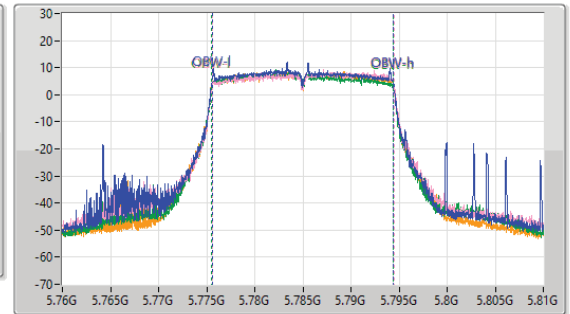
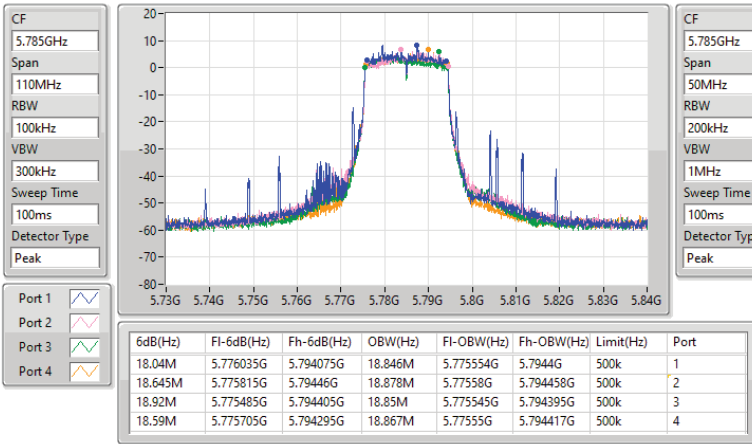


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

13/02/2023

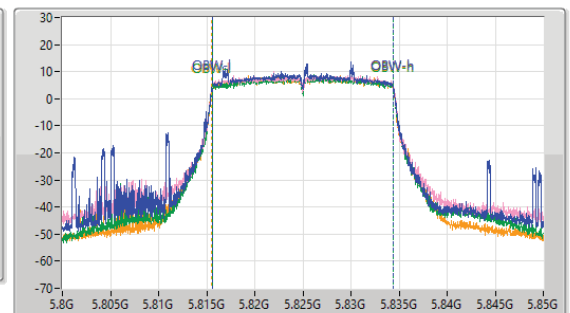
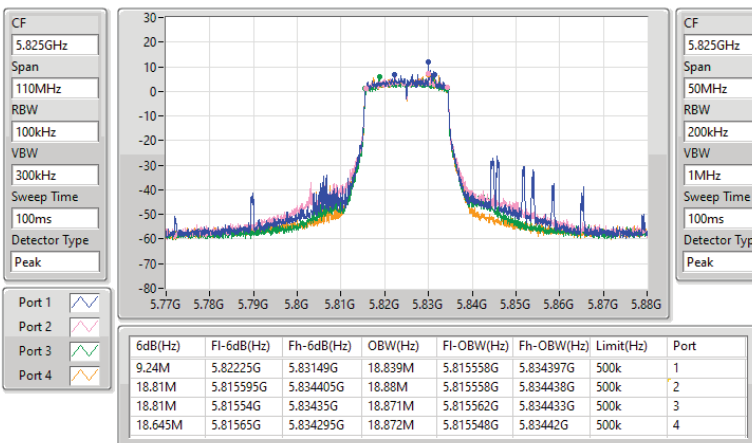


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

13/02/2023

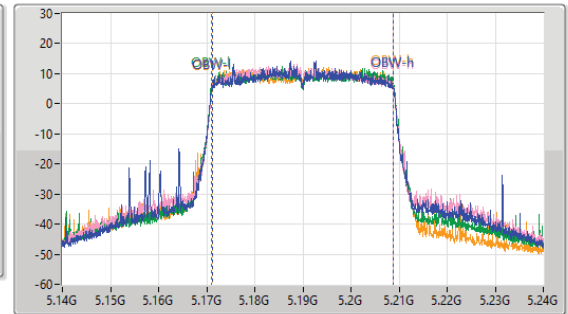
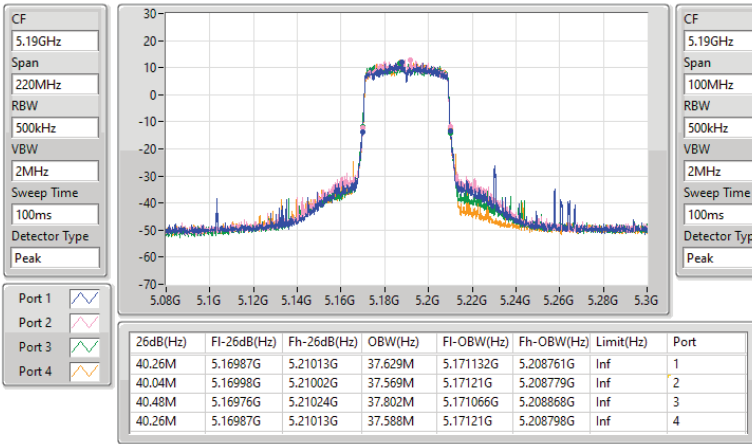


5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

13/02/2023

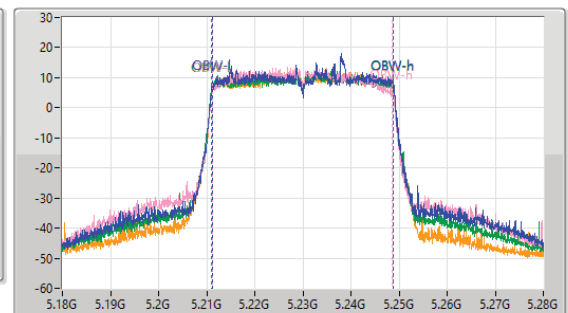
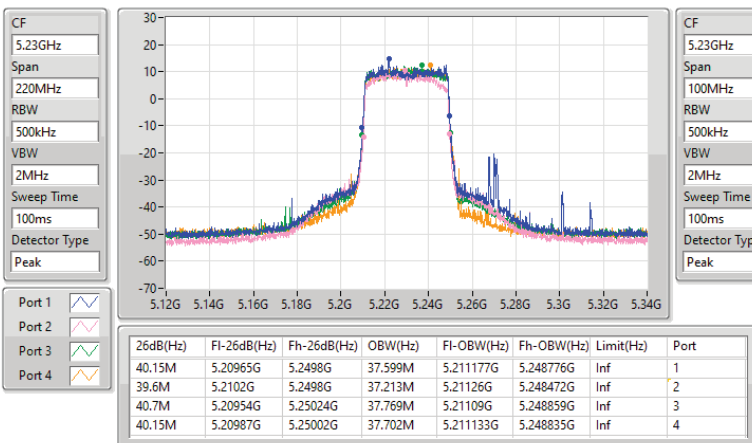


5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

13/02/2023



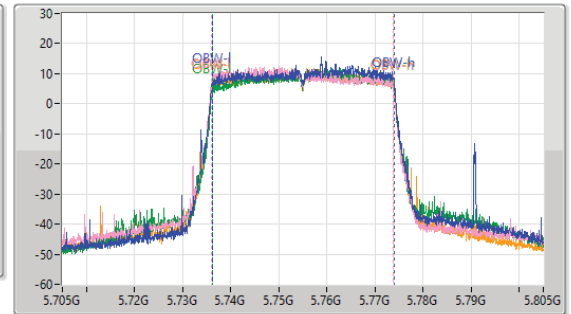
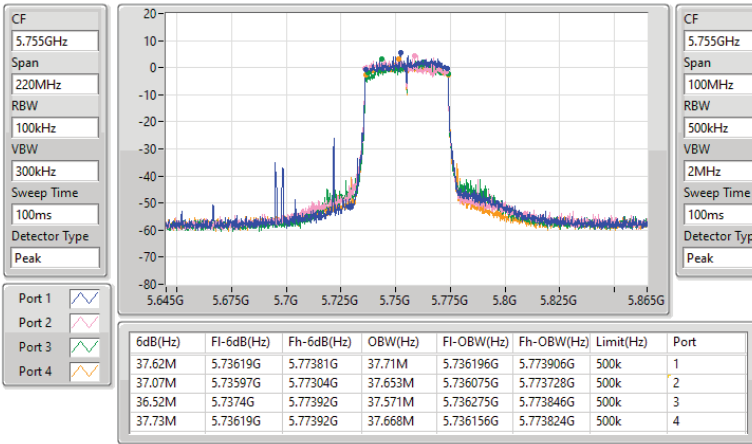


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

13/02/2023

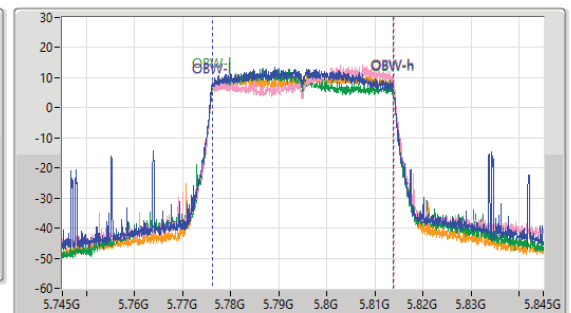
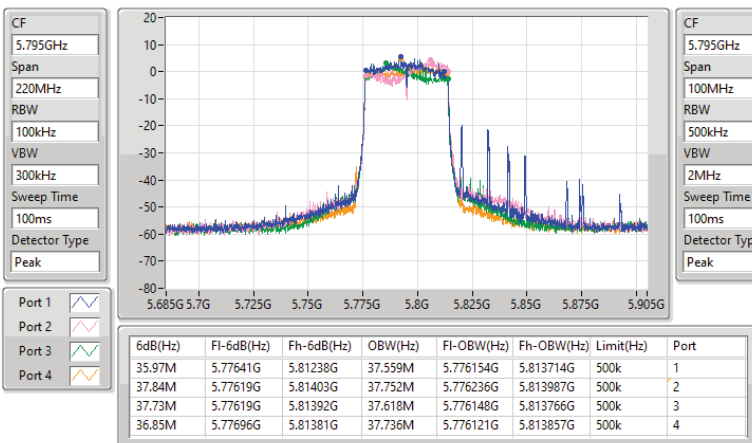


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

13/02/2023

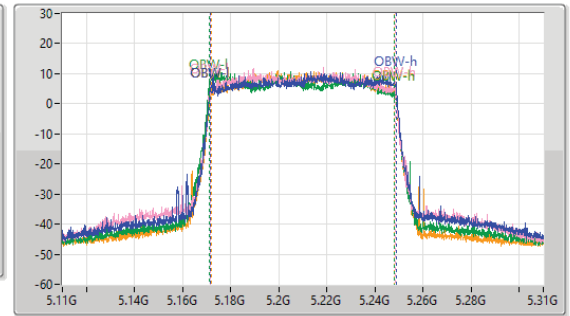
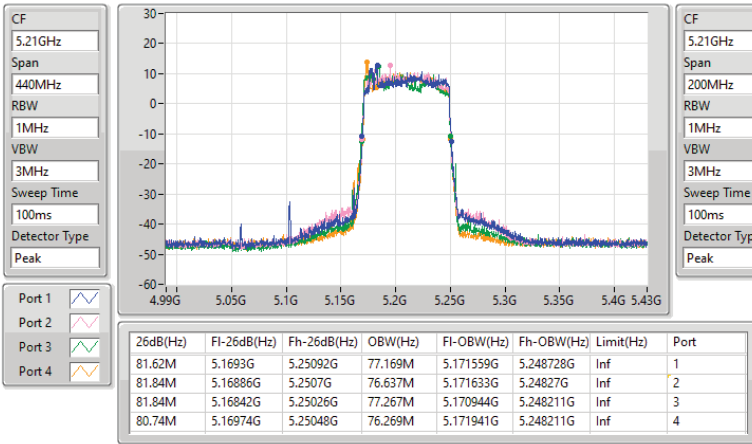


5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

13/02/2023

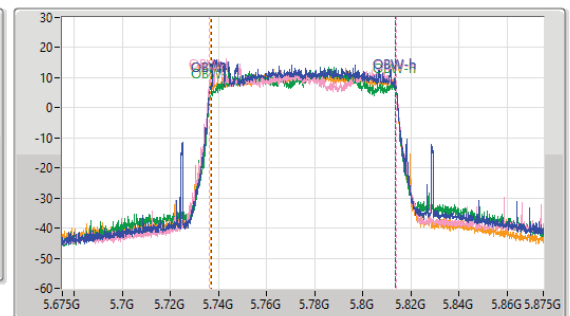
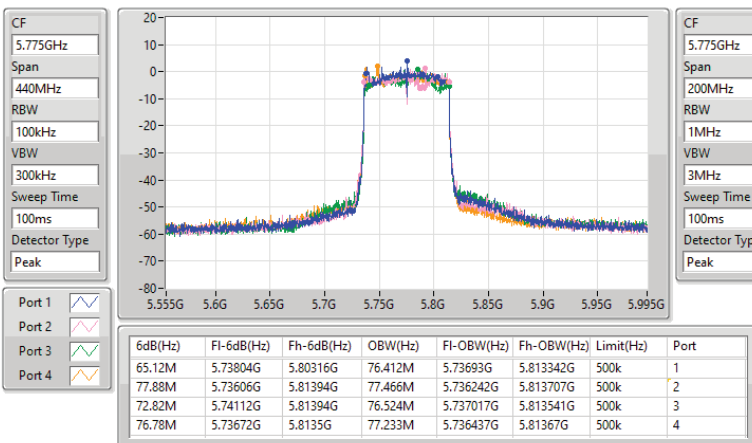


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

13/02/2023





Average Power_Non-Beamforming

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.74	0.47206	30.94	1.24165
802.11ax HEW20_Nss1,(MCS0)_4TX	26.87	0.48641	31.07	1.27938
802.11ax HEW40_Nss1,(MCS0)_4TX	28.63	0.72946	32.83	1.91867
802.11ax HEW80_Nss1,(MCS0)_4TX	23.18	0.20797	27.38	0.54702
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.96	0.99083	34.26	2.66686
802.11ax HEW20_Nss1,(MCS0)_4TX	29.94	0.98628	34.24	2.65461
802.11ax HEW40_Nss1,(MCS0)_4TX	29.91	0.97949	34.21	2.63633
802.11ax HEW80_Nss1,(MCS0)_4TX	28.21	0.66222	32.51	1.78238



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.20	20.92	21.29	20.30	20.27	26.74	30.00	30.94	36.00
5200MHz	Pass	4.20	20.15	20.85	20.54	20.49	26.54	30.00	30.74	36.00
5240MHz	Pass	4.20	19.83	20.20	20.26	20.56	26.24	30.00	30.44	36.00
5745MHz	Pass	4.30	24.27	24.17	23.26	23.97	29.96	30.00	34.26	36.00
5785MHz	Pass	4.30	23.56	23.84	23.92	23.77	29.80	30.00	34.10	36.00
5825MHz	Pass	4.30	23.43	23.88	24.00	23.95	29.84	30.00	34.14	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.20	21.11	21.49	20.47	19.71	26.77	30.00	30.97	36.00
5200MHz	Pass	4.20	20.31	20.92	20.68	20.25	26.57	30.00	30.77	36.00
5240MHz	Pass	4.20	20.50	20.84	20.99	21.03	26.87	30.00	31.07	36.00
5745MHz	Pass	4.30	24.24	24.20	23.32	23.87	29.94	30.00	34.24	36.00
5785MHz	Pass	4.30	23.70	23.77	23.90	23.81	29.82	30.00	34.12	36.00
5825MHz	Pass	4.30	23.55	23.81	23.63	23.78	29.71	30.00	34.01	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.20	17.88	18.44	17.72	17.38	23.89	30.00	28.09	36.00
5230MHz	Pass	4.20	22.21	22.78	22.90	22.52	28.63	30.00	32.83	36.00
5755MHz	Pass	4.30	24.05	24.41	23.44	23.60	29.91	30.00	34.21	36.00
5795MHz	Pass	4.30	23.56	23.78	23.77	23.68	29.72	30.00	34.02	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.20	17.02	17.28	17.09	17.25	23.18	30.00	27.38	36.00
5775MHz	Pass	4.30	21.94	22.15	22.28	22.36	28.21	30.00	32.51	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.50	0.35481	35.25	3.34965
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.40	0.34674	35.15	3.27341
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.69	0.18578	32.44	1.75388
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.21	0.33189	35.19	3.30370
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.02	0.31769	35.00	3.16228
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.55	0.28510	34.53	2.83792

**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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.75	17.04	17.65	16.99	17.62	23.36	26.25	33.11	36.00
5200MHz	Pass	9.75	19.36	19.58	19.54	19.06	25.41	26.25	35.16	36.00
5240MHz	Pass	9.75	19.32	20.10	19.45	18.99	25.50	26.25	35.25	36.00
5745MHz	Pass	9.98	19.59	19.30	18.85	18.96	25.21	26.02	35.19	36.00
5785MHz	Pass	9.98	19.34	18.76	17.80	18.54	24.67	26.02	34.65	36.00
5825MHz	Pass	9.98	19.76	18.57	18.36	17.59	24.66	26.02	34.64	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.75	18.74	19.43	18.04	19.04	24.86	26.25	34.61	36.00
5230MHz	Pass	9.75	19.44	19.93	19.26	18.83	25.40	26.25	35.15	36.00
5755MHz	Pass	9.98	19.50	18.22	18.19	18.62	24.69	26.02	34.67	36.00
5795MHz	Pass	9.98	19.80	19.18	18.34	18.53	25.02	26.02	35.00	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.75	16.84	16.53	16.66	16.64	22.69	26.25	32.44	36.00
5775MHz	Pass	9.98	18.99	18.43	18.04	18.60	24.55	26.02	34.53	36.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.16	22.91
802.11ax HEW20_Nss1,(MCS0)_4TX	13.12	22.87
802.11ax HEW40_Nss1,(MCS0)_4TX	11.88	21.63
802.11ax HEW80_Nss1,(MCS0)_4TX	3.43	13.18
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.38	25.36
802.11ax HEW20_Nss1,(MCS0)_4TX	14.55	24.53
802.11ax HEW40_Nss1,(MCS0)_4TX	11.60	21.58
802.11ax HEW80_Nss1,(MCS0)_4TX	7.42	17.40

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.75	7.42	7.99	7.00	6.78	13.16	13.25	22.91	23.00
5200MHz	Pass	9.75	6.90	7.49	7.04	6.90	12.96	13.25	22.71	23.00
5240MHz	Pass	9.75	6.62	6.94	6.89	7.40	12.72	13.25	22.47	23.00
5745MHz	Pass	9.98	9.64	9.75	8.78	9.23	15.17	26.02	25.15	36.00
5785MHz	Pass	9.98	9.29	9.55	9.57	8.96	15.20	26.02	25.18	36.00
5825MHz	Pass	9.98	9.31	9.59	9.62	9.70	15.38	26.02	25.36	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.75	7.37	7.80	6.75	6.71	13.12	13.25	22.87	23.00
5200MHz	Pass	9.75	6.63	7.35	7.20	6.79	12.83	13.25	22.58	23.00
5240MHz	Pass	9.75	6.87	7.55	7.33	7.21	13.09	13.25	22.84	23.00
5745MHz	Pass	9.98	9.02	8.84	8.08	8.69	14.51	26.02	24.49	36.00
5785MHz	Pass	9.98	8.49	8.56	8.57	8.65	14.46	26.02	24.44	36.00
5825MHz	Pass	9.98	8.81	8.81	8.85	8.67	14.55	26.02	24.53	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.75	1.43	1.90	1.47	0.79	7.17	13.25	16.92	23.00
5230MHz	Pass	9.75	5.56	6.13	6.40	6.30	11.88	13.25	21.63	23.00
5755MHz	Pass	9.98	5.89	6.30	5.40	5.69	11.60	26.02	21.58	36.00
5795MHz	Pass	9.98	5.54	5.78	5.63	5.74	11.58	26.02	21.56	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.75	-2.68	-2.22	-2.36	-2.17	3.43	13.25	13.18	23.00
5775MHz	Pass	9.98	1.22	1.54	1.57	1.57	7.42	26.02	17.40	36.00

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

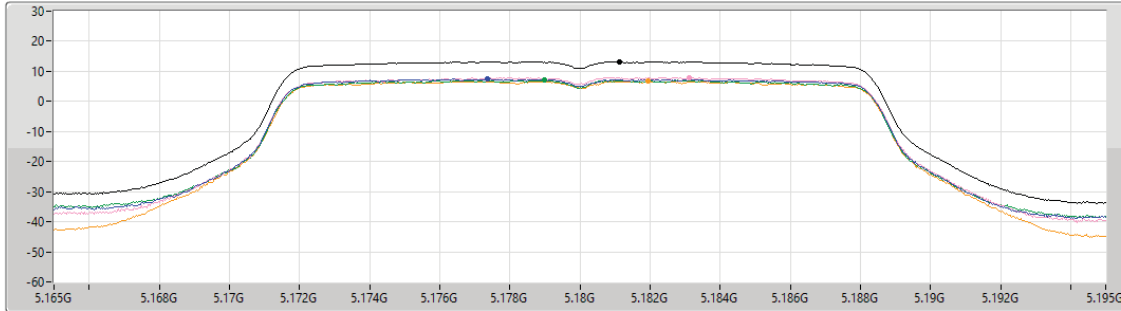
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

10/02/2023

CF
5.18GHz
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)
13.16	13.16	7.42	7.99	7.00	6.78

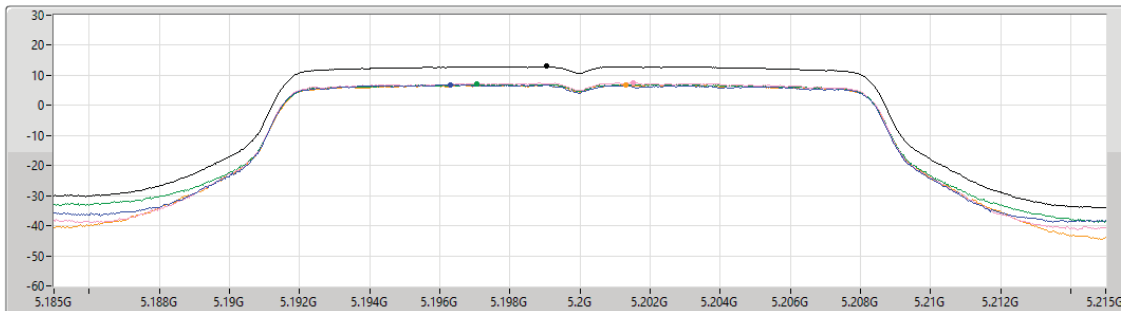
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

10/02/2023

CF
5.2GHz
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)
12.96	12.96	6.90	7.49	7.04	6.90

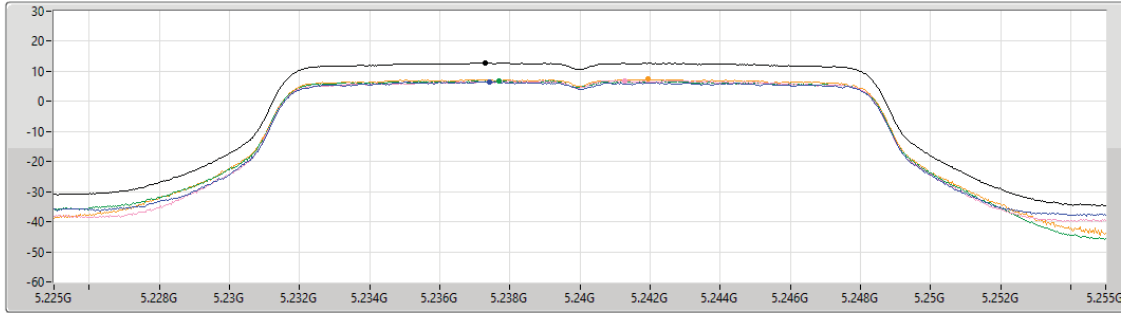
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

10/02/2023

CF
5.24GHz
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)
12.72	12.72	6.62	6.94	6.89	7.40

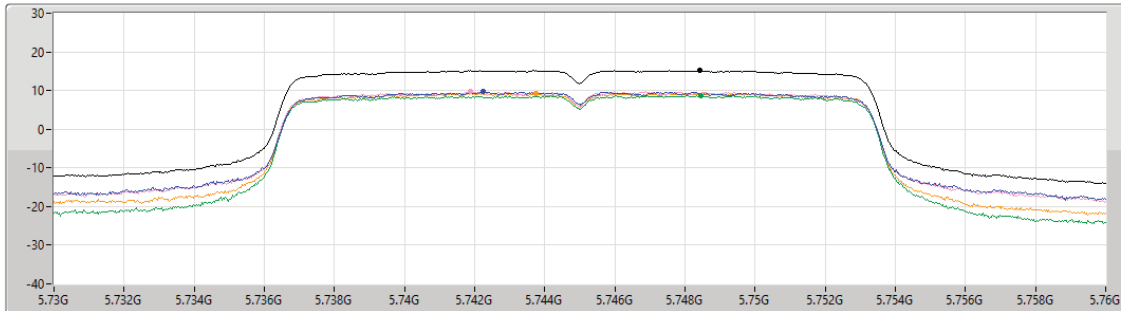
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

10/02/2023

CF
5.745GHz
Span
30MHz
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)
15.17	15.17	9.64	9.75	8.78	9.23

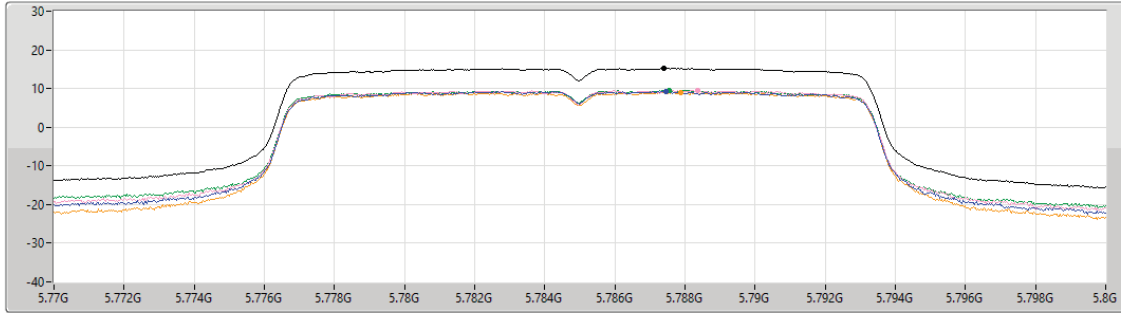
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

10/02/2023

CF
5.785GHz
Span
30MHz
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)
15.20	15.20	9.29	9.55	9.57	8.96

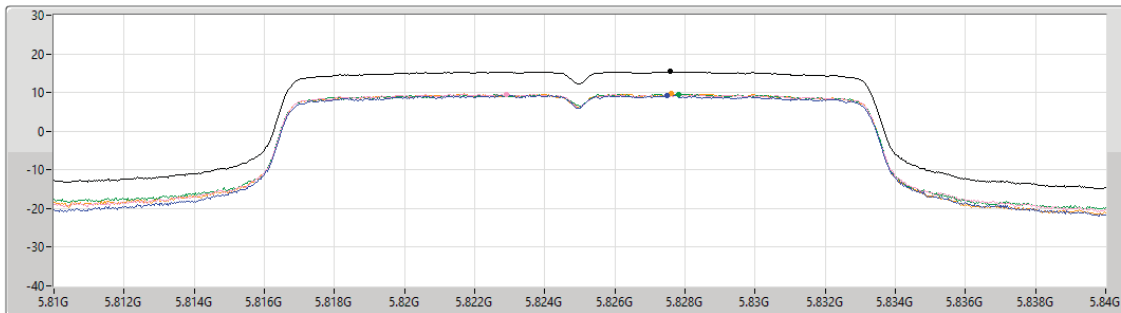
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

10/02/2023

CF
5.825GHz
Span
30MHz
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)
15.38	15.38	9.31	9.59	9.62	9.70



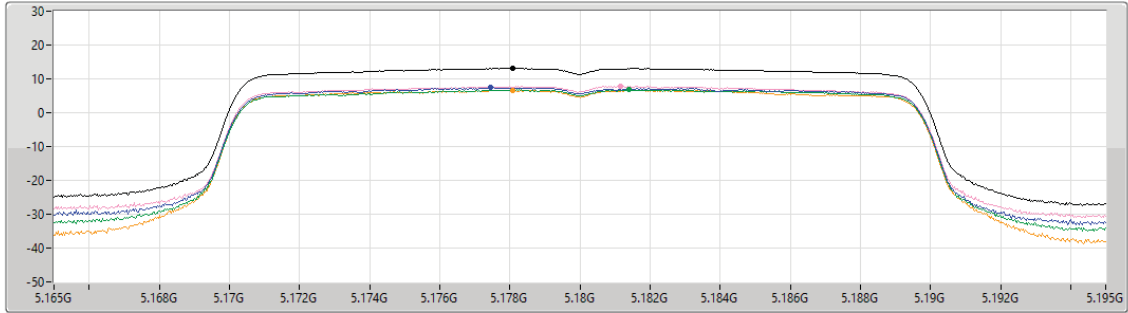
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

10/02/2023

CF
5.18GHz
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)
13.12	13.12	7.37	7.80	6.75	6.71

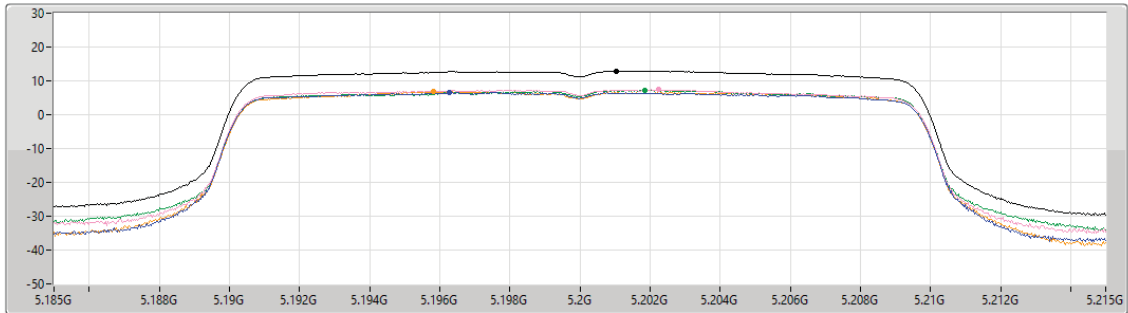
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

10/02/2023

CF
5.2GHz
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)
12.83	12.83	6.63	7.35	7.20	6.79

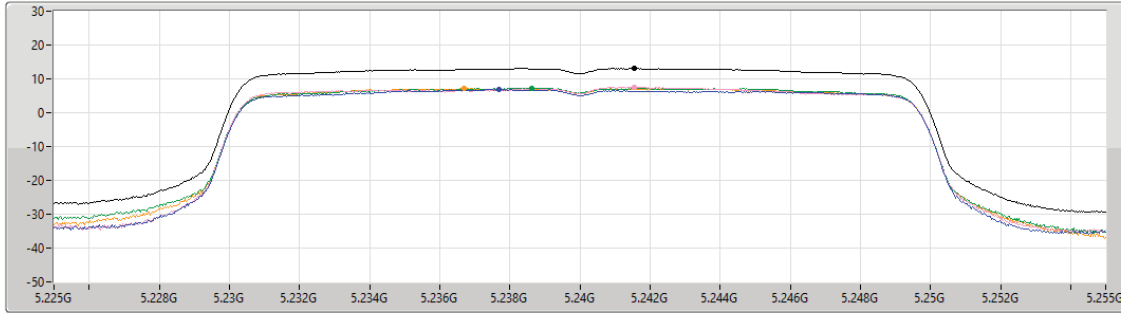
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

10/02/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.09	13.09	6.87	7.55	7.33	7.21

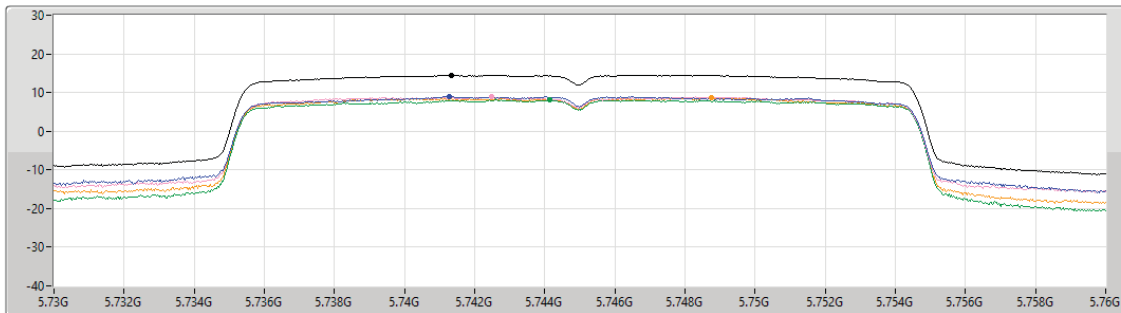
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

10/02/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



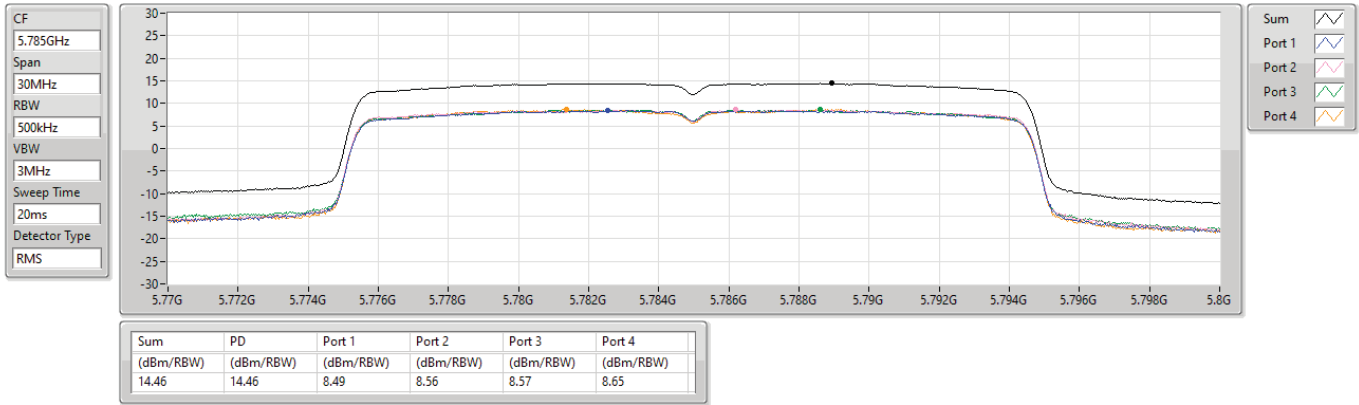
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.51	14.51	9.02	8.84	8.08	8.69

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

PSD

5785MHz

10/02/2023

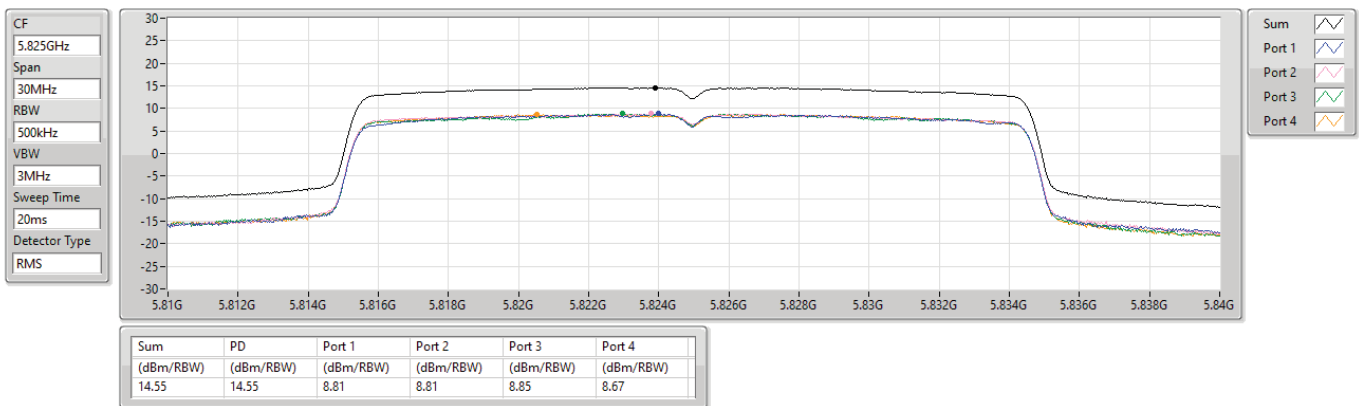


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

10/02/2023



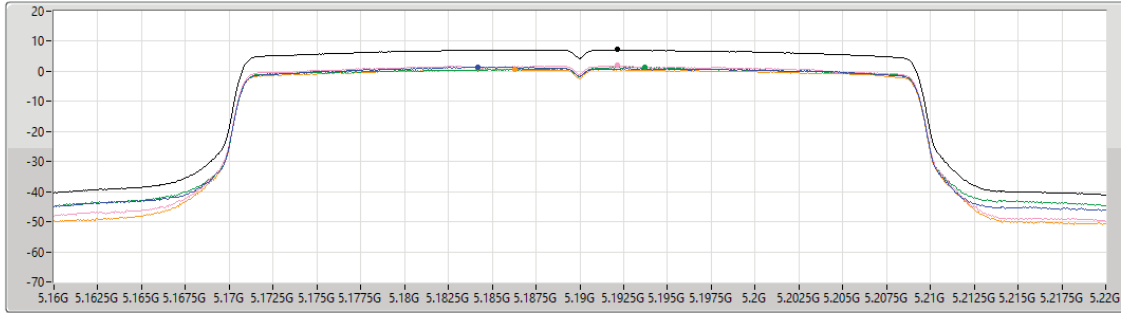
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

10/02/2023

CF
5.19GHz
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)
7.17	7.17	1.43	1.90	1.47	0.79

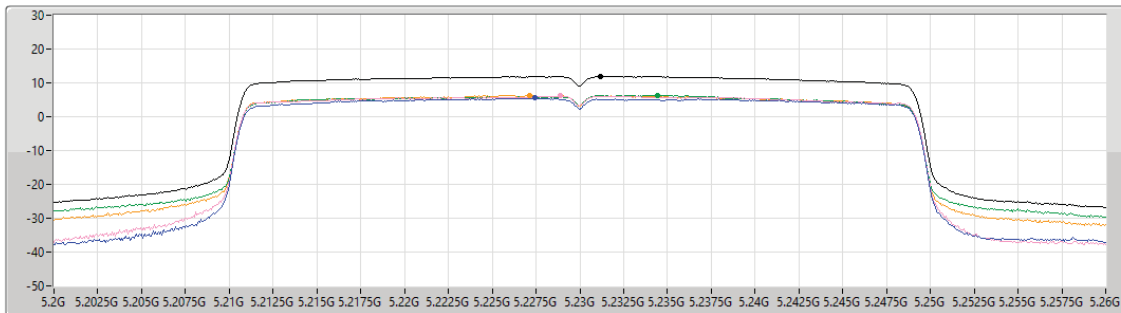
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

10/02/2023

CF
5.23GHz
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)
11.88	11.88	5.56	6.13	6.40	6.30

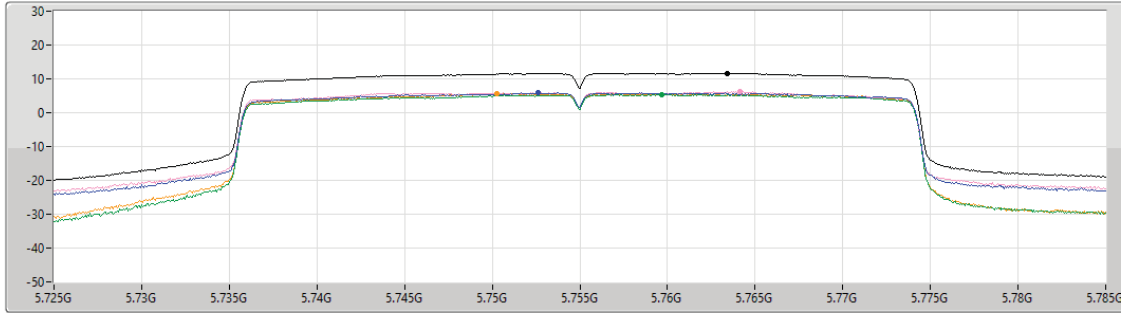
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

10/02/2023

CF
5.755GHz
Span
60MHz
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)
11.60	11.60	5.89	6.30	5.40	5.69

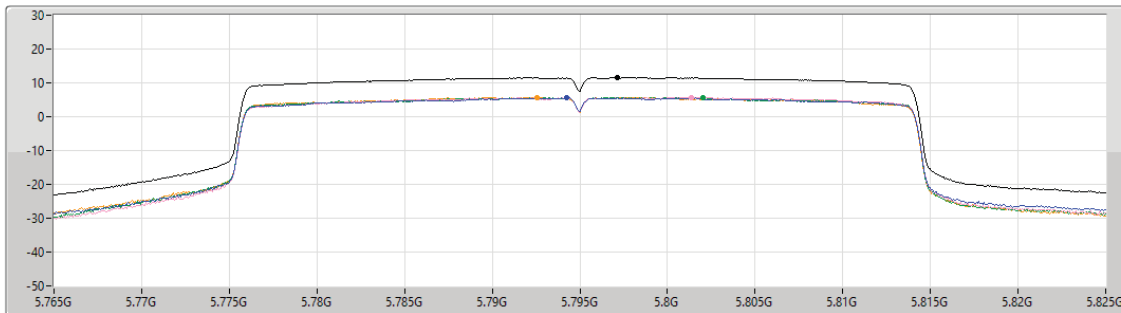
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

10/02/2023

CF
5.795GHz
Span
60MHz
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)
11.58	11.58	5.54	5.78	5.63	5.74

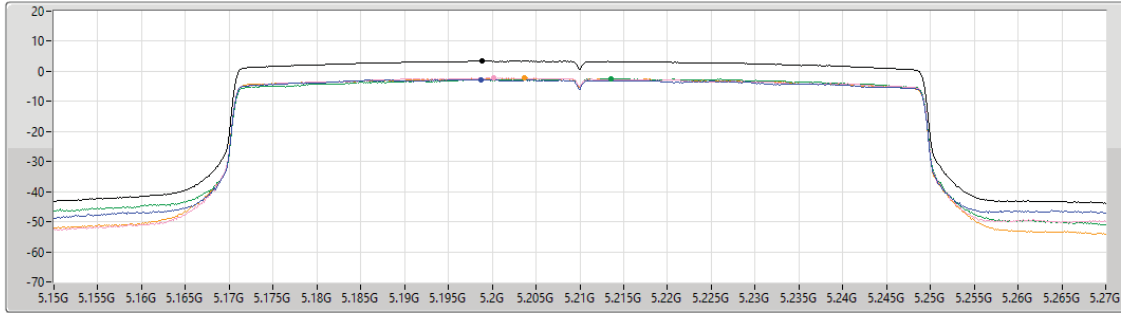
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

10/02/2023

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.43	3.43	-2.68	-2.22	-2.36	-2.17

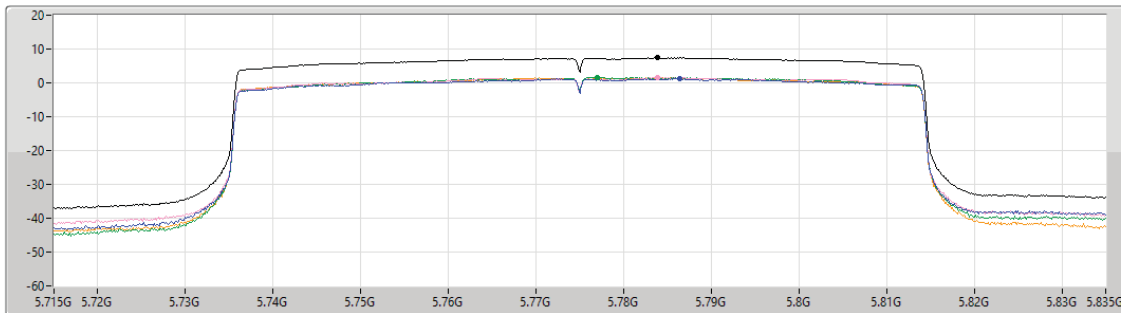
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

10/02/2023

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.22	1.54	1.57	1.57



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.86	21.61
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.83	18.58
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.51	13.26
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.08	20.06
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.02	17.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.29	14.27

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.75	3.44	3.85	3.59	3.79	9.48	13.25	19.23	23.00
5200MHz	Pass	9.75	5.76	5.79	5.84	5.75	11.54	13.25	21.29	23.00
5240MHz	Pass	9.75	6.57	6.80	5.96	5.54	11.86	13.25	21.61	23.00
5745MHz	Pass	9.98	4.72	4.71	3.68	4.15	10.08	26.02	20.06	36.00
5785MHz	Pass	9.98	3.91	3.35	2.99	3.21	9.22	26.02	19.20	36.00
5825MHz	Pass	9.98	4.33	3.52	3.06	3.29	9.38	26.02	19.36	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.75	2.53	3.19	2.11	2.52	8.35	13.25	18.10	23.00
5230MHz	Pass	9.75	2.74	4.05	3.14	2.70	8.83	13.25	18.58	23.00
5755MHz	Pass	9.98	2.34	2.01	1.28	0.70	6.83	26.02	16.81	36.00
5795MHz	Pass	9.98	2.83	3.09	1.31	0.66	7.02	26.02	17.00	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.75	-1.90	-1.94	-1.82	-2.29	3.51	13.25	13.26	23.00
5775MHz	Pass	9.98	-0.45	-1.50	-0.92	-1.98	4.29	26.02	14.27	36.00

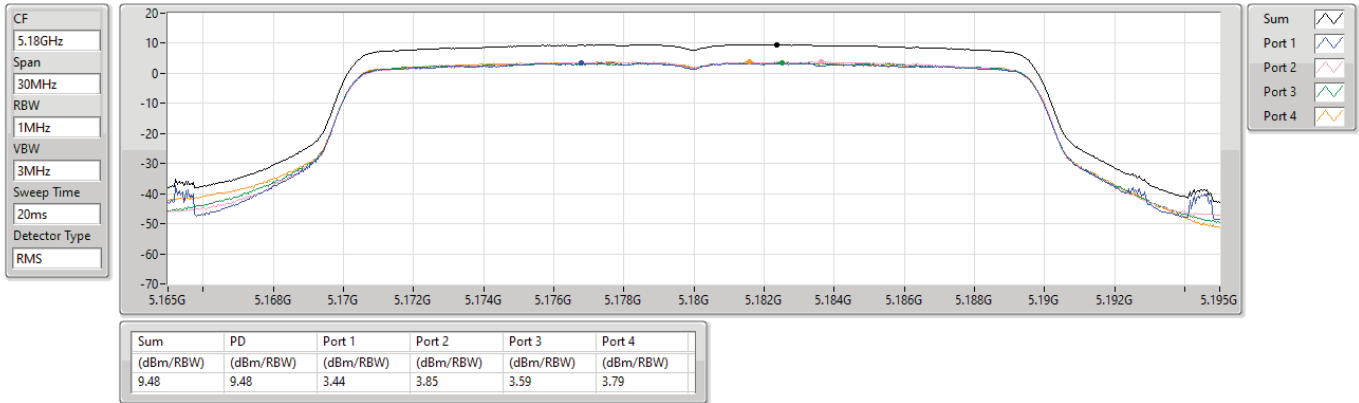
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

13/02/2023

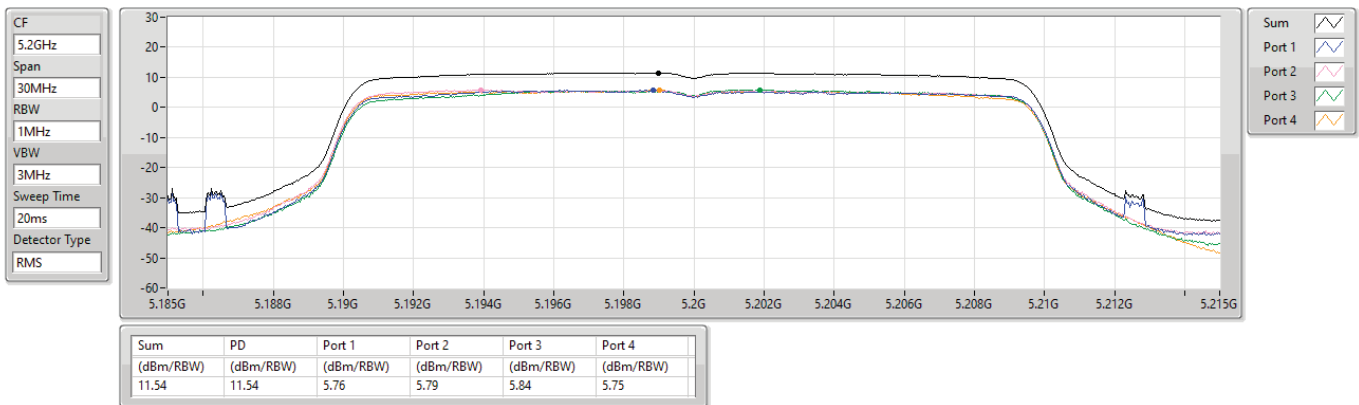


5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

13/02/2023



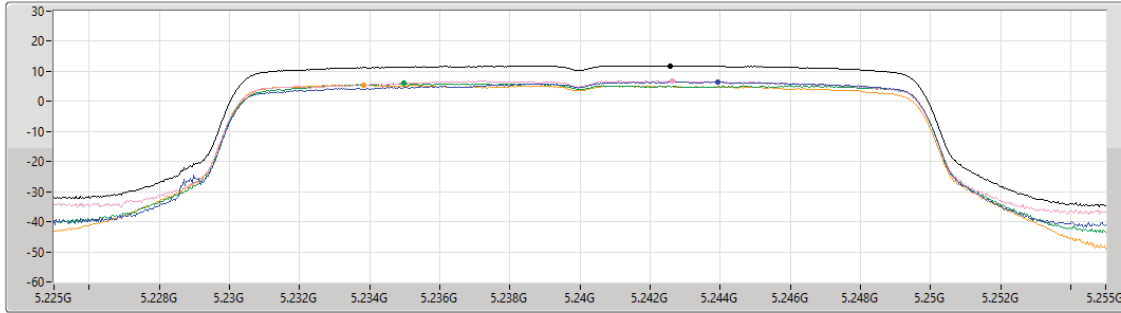
5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

13/02/2023

CF
5.24GHz
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)
11.86	11.86	6.57	6.80	5.96	5.54

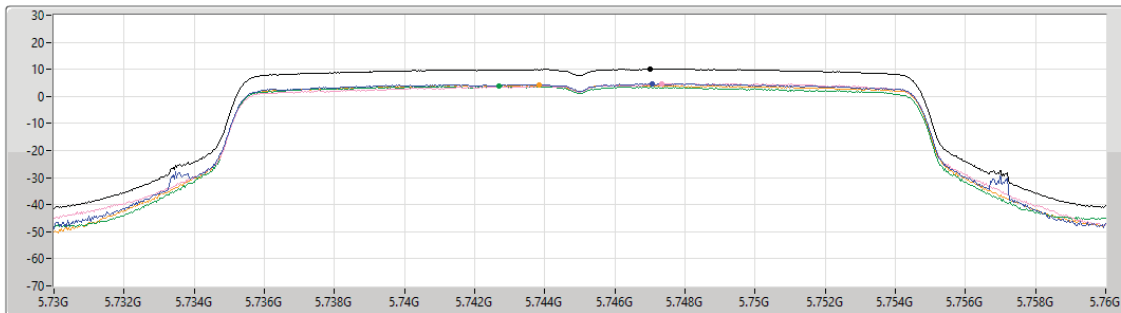
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

13/02/2023

CF
5.745GHz
Span
30MHz
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)
10.08	10.08	4.72	4.71	3.68	4.15

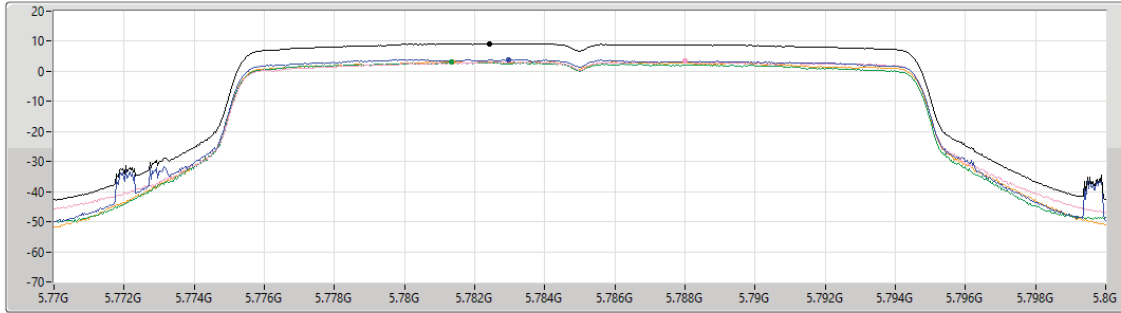
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

13/02/2023

CF
5.785GHz
Span
30MHz
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/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.22	9.22	3.91	3.35	2.99	3.21

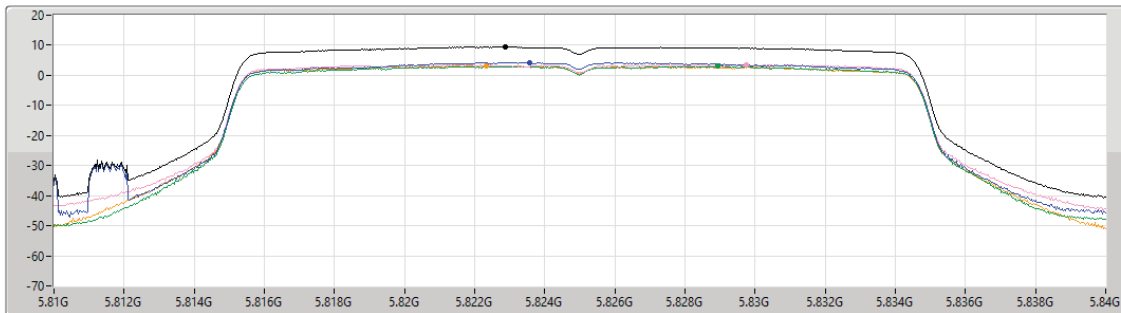
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

13/02/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

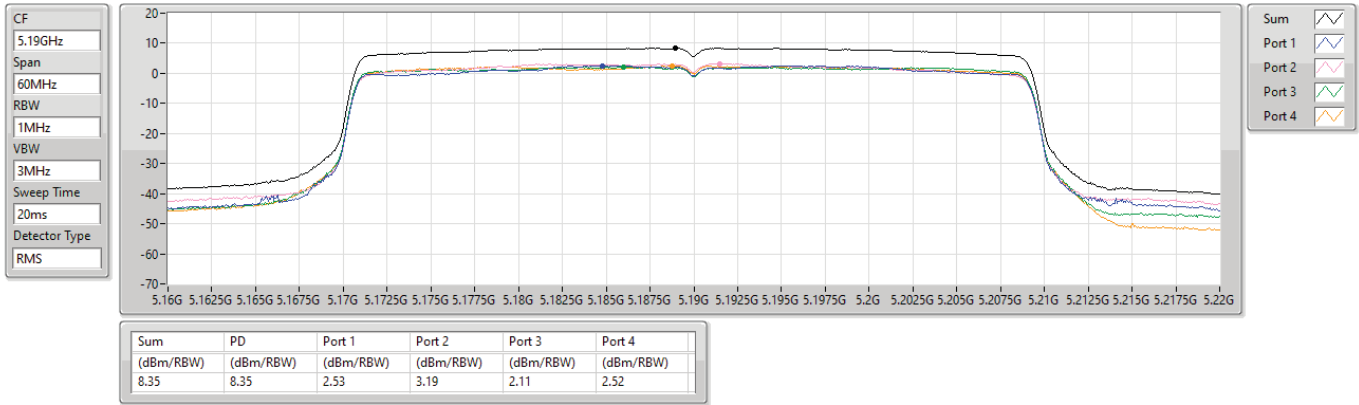
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.38	9.38	4.33	3.52	3.06	3.29

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

13/02/2023

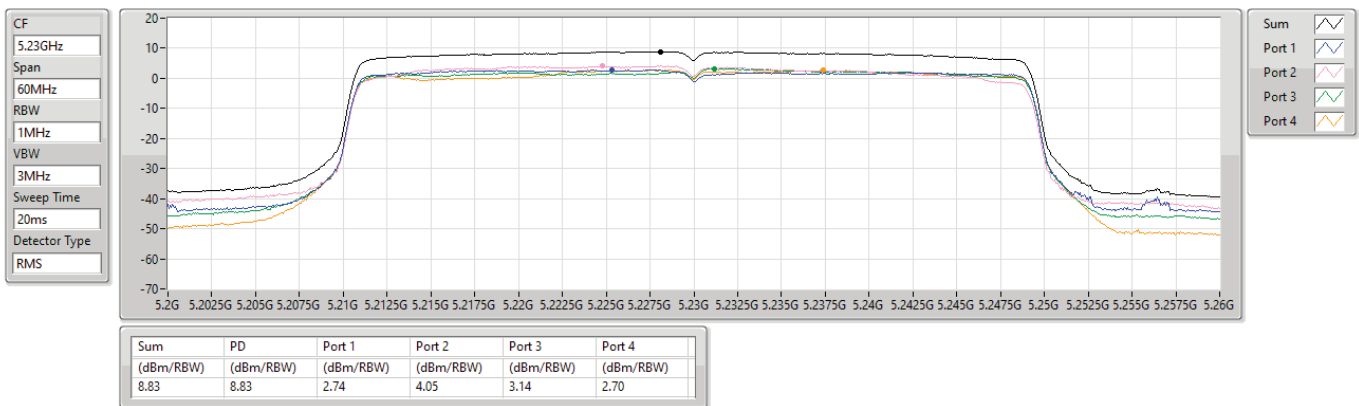


5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

13/02/2023

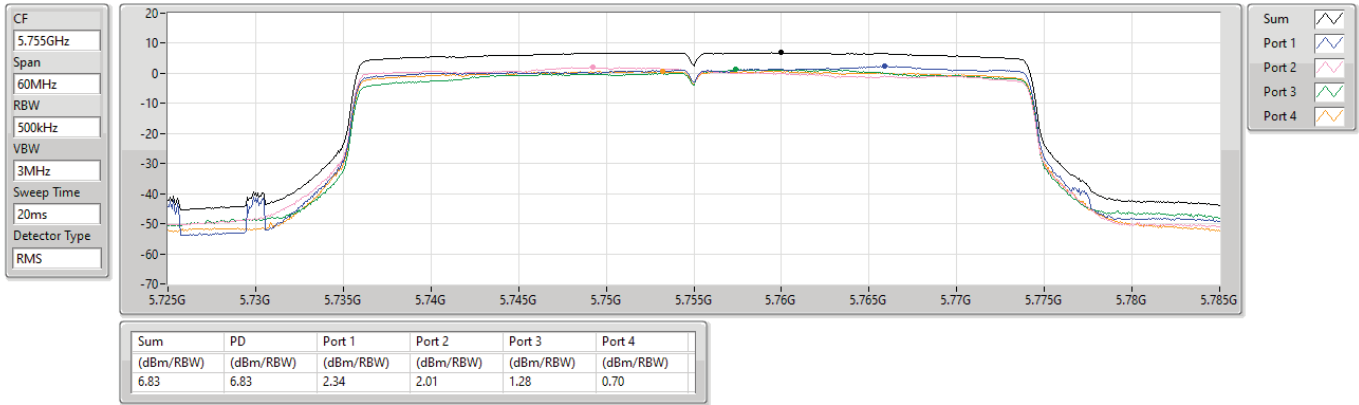


5.725-5.85GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

13/02/2023

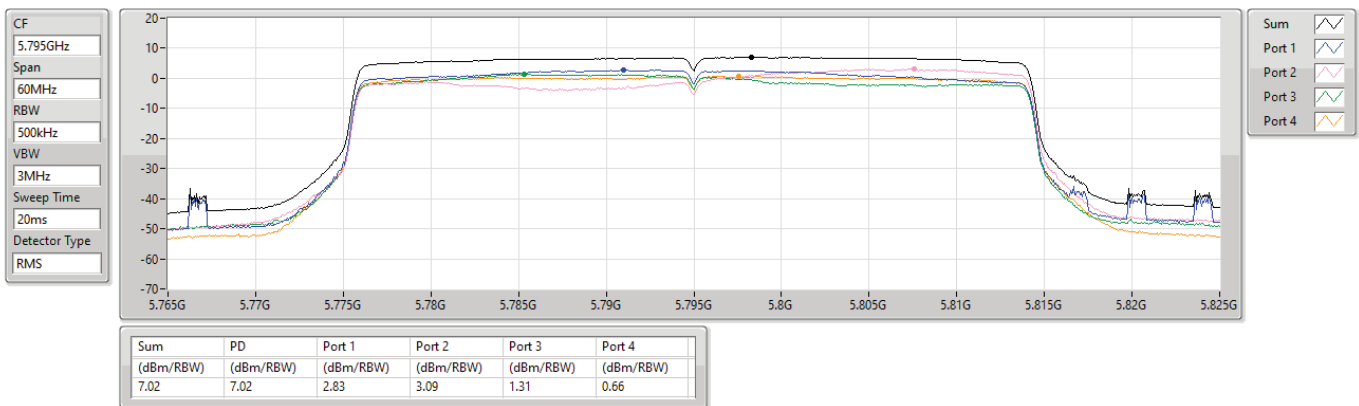


5.725-5.85GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

13/02/2023

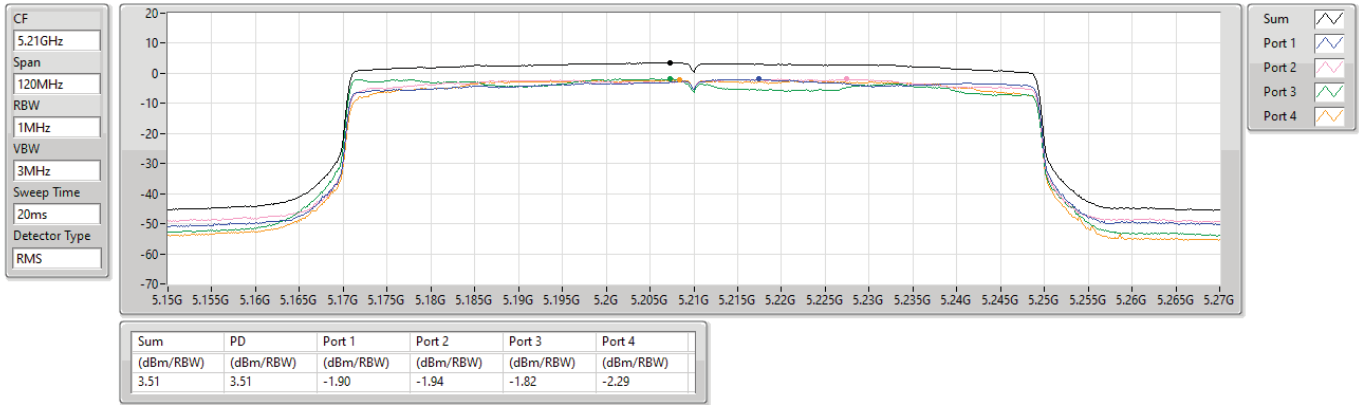


5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

13/02/2023

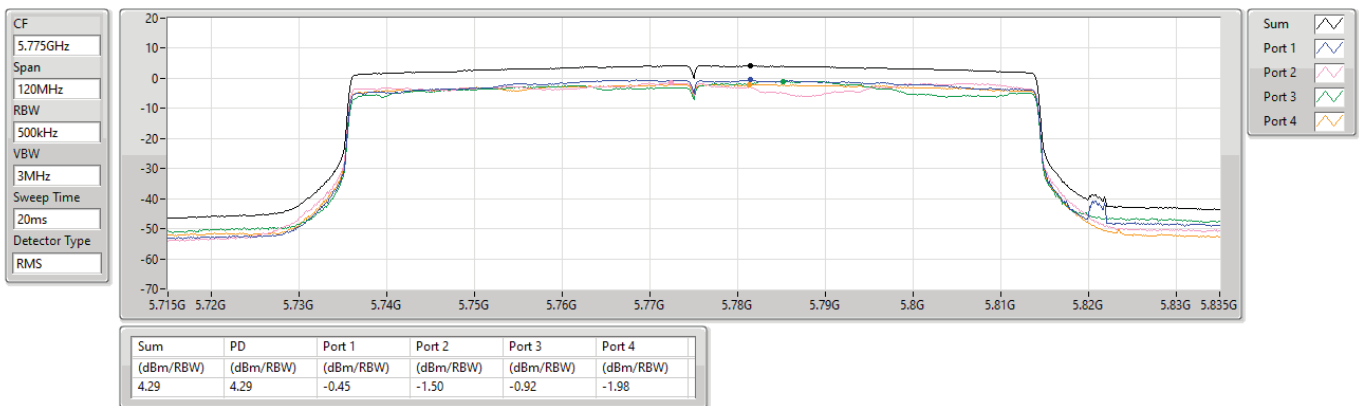


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

13/02/2023





Summary

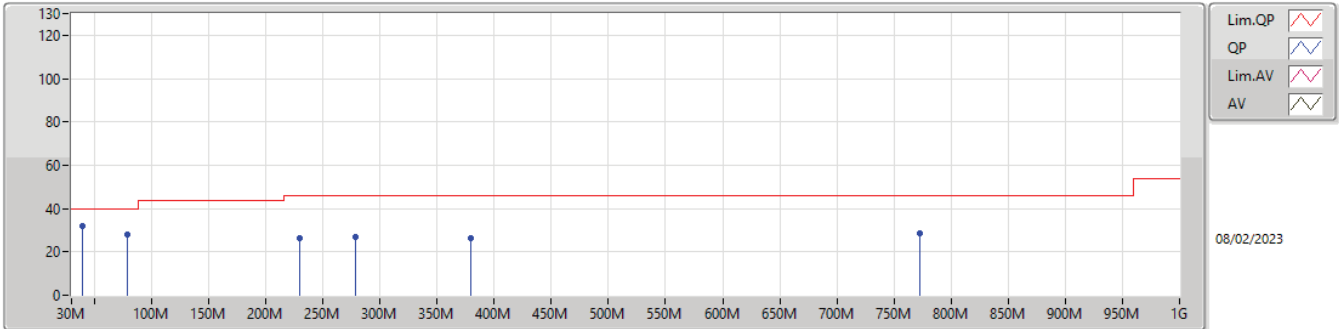
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	39.7M	31.98	40.00	-8.02	3	Vertical	360	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	39.7M	31.98	40.00	-8.02	3	Vertical	360	1.00
5775MHz	Pass	PK	78.5M	28.17	40.00	-11.83	3	Vertical	360	1.00
5775MHz	Pass	PK	229.82M	26.34	46.00	-19.66	3	Vertical	360	1.00
5775MHz	Pass	PK	278.32M	26.90	46.00	-19.10	3	Vertical	360	1.00
5775MHz	Pass	PK	379.2M	26.50	46.00	-19.50	3	Vertical	360	1.00
5775MHz	Pass	PK	773.02M	28.58	46.00	-17.42	3	Vertical	360	1.00
5775MHz	Pass	PK	82.38M	30.27	40.00	-9.73	3	Horizontal	0	1.00
5775MHz	Pass	PK	256.98M	28.58	46.00	-17.42	3	Horizontal	0	1.00
5775MHz	Pass	PK	321M	32.89	46.00	-13.11	3	Horizontal	0	1.00
5775MHz	Pass	PK	509.18M	29.41	46.00	-16.59	3	Horizontal	0	1.00
5775MHz	Pass	PK	577.08M	32.38	46.00	-13.62	3	Horizontal	0	1.00
5775MHz	Pass	PK	980.6M	32.51	54.00	-21.49	3	Horizontal	0	1.00

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

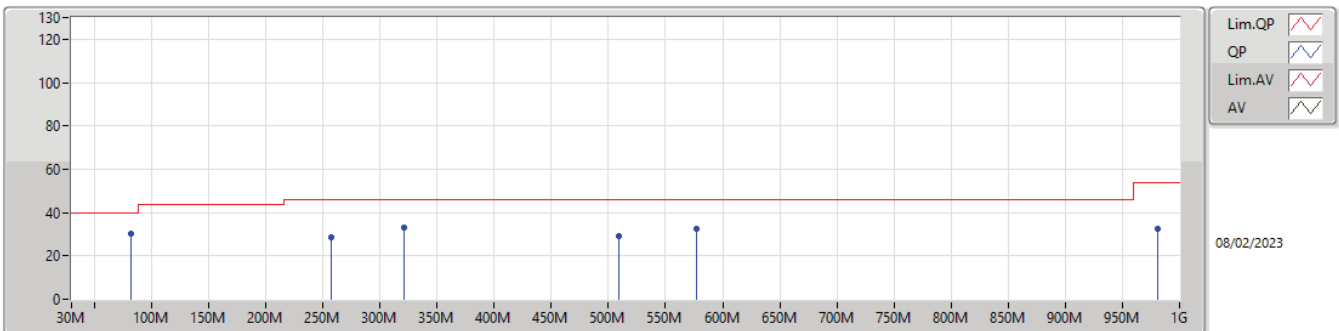
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	39.7M	31.98	40.00	-8.02	-17.54	3	Vertical	360	1.00	49.52	18.79	0.80	37.13				
PK	78.5M	28.17	40.00	-11.83	-23.47	3	Vertical	360	1.00	51.64	12.40	0.99	36.86				
PK	229.82M	26.34	46.00	-19.66	-19.33	3	Vertical	360	1.00	45.67	15.27	1.80	36.40				
PK	278.32M	26.90	46.00	-19.10	-16.53	3	Vertical	360	1.00	43.43	17.91	2.00	36.44				
PK	379.2M	26.50	46.00	-19.50	-14.07	3	Vertical	360	1.00	40.57	20.13	2.32	36.52				
PK	773.02M	28.58	46.00	-17.42	-6.78	3	Vertical	360	1.00	35.36	27.36	3.31	37.45				

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

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	82.38M	30.27	40.00	-9.73	-23.05	3	Horizontal	0	1.00	53.32	12.77	0.98	36.80				
PK	256.98M	28.58	46.00	-17.42	-15.78	3	Horizontal	0	1.00	44.36	18.77	1.92	36.47				
PK	321M	32.89	46.00	-13.11	-15.66	3	Horizontal	0	1.00	48.55	18.64	2.16	36.46				
PK	509.18M	29.41	46.00	-16.59	-11.24	3	Horizontal	0	1.00	40.65	23.20	2.57	37.01				
PK	577.08M	32.38	46.00	-13.62	-9.45	3	Horizontal	0	1.00	41.83	24.90	2.76	37.11				
PK	980.6M	32.51	54.00	-21.49	-3.46	3	Horizontal	0	1.00	35.97	29.93	3.84	37.23				

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.1498G	52.04	54.00	-1.96	3	Vertical	348	1.29
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.1496G	53.22	54.00	-0.78	3	Vertical	333	1.60
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1492G	53.78	54.00	-0.22	3	Vertical	336	1.56
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.83	54.00	-0.17	3	Vertical	322	1.50
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.6562G	70.87	72.79	-1.92	3	Horizontal	52	1.00
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.927G	66.06	68.20	-2.14	3	Horizontal	55	1.00
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.9318G	67.91	68.20	-0.29	3	Horizontal	54	1.00
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6538G	69.47	71.01	-1.54	3	Horizontal	56	1.04



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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	52.04	54.00	-1.96	3	Vertical	348	1.29
5180MHz	Pass	AV	5.1832G	109.60	Inf	-Inf	3	Vertical	348	1.29
5180MHz	Pass	PK	5.15G	64.03	74.00	-9.97	3	Vertical	348	1.29
5180MHz	Pass	PK	5.1826G	117.70	Inf	-Inf	3	Vertical	348	1.29
5180MHz	Pass	AV	5.1432G	50.71	54.00	-3.29	3	Horizontal	354	1.68
5180MHz	Pass	AV	5.1824G	110.42	Inf	-Inf	3	Horizontal	354	1.68
5180MHz	Pass	PK	5.1422G	63.00	74.00	-11.00	3	Horizontal	354	1.68
5180MHz	Pass	PK	5.1826G	118.50	Inf	-Inf	3	Horizontal	354	1.68
5180MHz	Pass	AV	15.542G	44.02	54.00	-9.98	3	Vertical	99	1.76
5180MHz	Pass	PK	10.36024G	55.83	68.20	-12.37	3	Vertical	18	1.49
5180MHz	Pass	PK	15.53316G	55.00	74.00	-19.00	3	Vertical	99	1.76
5180MHz	Pass	AV	15.54096G	44.11	54.00	-9.89	3	Horizontal	232	1.44
5180MHz	Pass	PK	10.36184G	55.10	68.20	-13.10	3	Horizontal	253	1.60
5180MHz	Pass	PK	15.54732G	55.67	74.00	-18.33	3	Horizontal	232	1.44
5200MHz	Pass	AV	5.14G	50.80	54.00	-3.20	3	Vertical	329	1.60
5200MHz	Pass	AV	5.1992G	112.34	Inf	-Inf	3	Vertical	329	1.60
5200MHz	Pass	PK	5.1368G	62.84	74.00	-11.16	3	Vertical	329	1.60
5200MHz	Pass	PK	5.1984G	119.68	Inf	-Inf	3	Vertical	329	1.60
5200MHz	Pass	AV	5.1452G	51.82	54.00	-2.18	3	Horizontal	352	1.46
5200MHz	Pass	AV	5.2028G	112.05	Inf	-Inf	3	Horizontal	352	1.46
5200MHz	Pass	PK	5.1476G	64.85	74.00	-9.15	3	Horizontal	352	1.46
5200MHz	Pass	PK	5.2028G	119.79	Inf	-Inf	3	Horizontal	352	1.46
5200MHz	Pass	AV	15.60076G	44.56	54.00	-9.44	3	Vertical	194	1.29
5200MHz	Pass	PK	10.4028G	54.54	68.20	-13.66	3	Vertical	259	1.70
5200MHz	Pass	PK	15.59368G	55.04	74.00	-18.96	3	Vertical	194	1.29
5200MHz	Pass	AV	15.5942G	44.05	54.00	-9.95	3	Horizontal	56	1.93
5200MHz	Pass	PK	10.4048G	55.91	68.20	-12.29	3	Horizontal	360	1.52
5200MHz	Pass	PK	15.60648G	56.11	74.00	-17.89	3	Horizontal	56	1.93
5240MHz	Pass	AV	5.1476G	49.59	54.00	-4.41	3	Vertical	326	2.40
5240MHz	Pass	AV	5.2352G	114.69	Inf	-Inf	3	Vertical	326	2.40
5240MHz	Pass	AV	5.3792G	46.01	54.00	-7.99	3	Vertical	326	2.40
5240MHz	Pass	PK	5.1494G	63.14	74.00	-10.86	3	Vertical	326	2.40
5240MHz	Pass	PK	5.2346G	123.01	Inf	-Inf	3	Vertical	326	2.40
5240MHz	Pass	PK	5.3522G	56.43	74.00	-17.57	3	Vertical	326	2.40
5240MHz	Pass	AV	5.15G	48.64	54.00	-5.36	3	Horizontal	344	1.88
5240MHz	Pass	AV	5.237G	115.71	Inf	-Inf	3	Horizontal	344	1.88
5240MHz	Pass	AV	5.35G	46.53	54.00	-7.47	3	Horizontal	344	1.88
5240MHz	Pass	PK	5.15G	62.18	74.00	-11.82	3	Horizontal	344	1.88
5240MHz	Pass	PK	5.2364G	123.46	Inf	-Inf	3	Horizontal	344	1.88
5240MHz	Pass	PK	5.3522G	57.44	74.00	-16.56	3	Horizontal	344	1.88
5240MHz	Pass	AV	15.72768G	44.69	54.00	-9.31	3	Vertical	147	1.57
5240MHz	Pass	PK	10.47952G	53.59	68.20	-14.61	3	Vertical	153	2.58
5240MHz	Pass	PK	15.71772G	56.38	74.00	-17.62	3	Vertical	147	1.57
5240MHz	Pass	AV	15.72808G	45.34	54.00	-8.66	3	Horizontal	351	1.30
5240MHz	Pass	PK	10.48364G	54.26	68.20	-13.94	3	Horizontal	181	1.97
5240MHz	Pass	PK	15.72796G	56.73	74.00	-17.27	3	Horizontal	351	1.30
5745MHz	Pass	AV	5.4534G	45.73	54.00	-8.27	3	Vertical	350	1.59
5745MHz	Pass	AV	5.7414G	114.59	Inf	-Inf	3	Vertical	350	1.59
5745MHz	Pass	PK	5.6454G	62.25	68.20	-5.95	3	Vertical	350	1.59
5745MHz	Pass	PK	5.7414G	122.61	Inf	-Inf	3	Vertical	350	1.59
5745MHz	Pass	PK	5.937G	58.56	68.20	-9.64	3	Vertical	350	1.59
5745MHz	Pass	AV	5.4546G	46.18	54.00	-7.82	3	Horizontal	52	1.00
5745MHz	Pass	AV	5.7486G	119.37	Inf	-Inf	3	Horizontal	52	1.00
5745MHz	Pass	PK	5.6562G	70.87	72.79	-1.92	3	Horizontal	52	1.00
5745MHz	Pass	PK	5.7486G	126.86	Inf	-Inf	3	Horizontal	52	1.00
5745MHz	Pass	PK	5.9262G	59.77	68.20	-8.43	3	Horizontal	52	1.00
5745MHz	Pass	AV	11.49348G	43.38	54.00	-10.62	3	Vertical	137	2.45
5745MHz	Pass	PK	11.48644G	53.96	74.00	-20.04	3	Vertical	137	2.45
5745MHz	Pass	PK	17.22676G	59.51	68.20	-8.69	3	Vertical	20	1.59
5745MHz	Pass	AV	11.49388G	42.83	54.00	-11.17	3	Horizontal	168	1.37



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	PK	11.48576G	54.62	74.00	-19.38	3	Horizontal	168	1.37
5745MHz	Pass	PK	17.23028G	62.49	68.20	-5.71	3	Horizontal	360	3.00
5785MHz	Pass	AV	5.7838G	114.14	Inf	-Inf	3	Vertical	341	1.50
5785MHz	Pass	PK	5.6218G	57.58	68.20	-10.62	3	Vertical	341	1.50
5785MHz	Pass	PK	5.7838G	122.30	Inf	-Inf	3	Vertical	341	1.50
5785MHz	Pass	PK	5.9254G	58.00	68.20	-10.20	3	Vertical	341	1.50
5785MHz	Pass	AV	5.7814G	118.63	Inf	-Inf	3	Horizontal	44	1.84
5785MHz	Pass	PK	5.6302G	58.14	68.20	-10.06	3	Horizontal	44	1.84
5785MHz	Pass	PK	5.7826G	126.82	Inf	-Inf	3	Horizontal	44	1.84
5785MHz	Pass	PK	5.9458G	60.13	68.20	-8.07	3	Horizontal	44	1.84
5785MHz	Pass	AV	11.56976G	42.68	54.00	-11.32	3	Vertical	164	2.96
5785MHz	Pass	PK	11.56636G	53.73	74.00	-20.27	3	Vertical	164	2.96
5785MHz	Pass	PK	17.3574G	56.83	68.20	-11.37	3	Vertical	37	2.68
5785MHz	Pass	AV	11.56132G	42.94	54.00	-11.06	3	Horizontal	108	2.55
5785MHz	Pass	PK	11.56716G	54.44	74.00	-19.56	3	Horizontal	108	2.55
5785MHz	Pass	PK	17.35336G	58.33	68.20	-9.87	3	Horizontal	360	1.48
5825MHz	Pass	AV	5.8238G	112.17	Inf	-Inf	3	Vertical	344.1	1.02
5825MHz	Pass	PK	5.6426G	57.37	68.20	-10.83	3	Vertical	344.1	1.02
5825MHz	Pass	PK	5.8238G	120.03	Inf	-Inf	3	Vertical	344.1	1.02
5825MHz	Pass	PK	5.927G	61.41	68.20	-6.79	3	Vertical	344.1	1.02
5825MHz	Pass	AV	5.8214G	118.48	Inf	-Inf	3	Horizontal	44	1.84
5825MHz	Pass	PK	5.627G	57.77	68.20	-10.43	3	Horizontal	44	1.84
5825MHz	Pass	PK	5.8226G	126.51	Inf	-Inf	3	Horizontal	44	1.84
5825MHz	Pass	PK	5.9282G	62.16	68.20	-6.04	3	Horizontal	44	1.84
5825MHz	Pass	AV	11.65108G	43.07	54.00	-10.93	3	Vertical	154	1.67
5825MHz	Pass	PK	11.65428G	53.72	74.00	-20.28	3	Vertical	154	1.67
5825MHz	Pass	PK	17.46672G	56.44	68.20	-11.76	3	Vertical	46	2.35
5825MHz	Pass	AV	11.6444G	42.80	54.00	-11.20	3	Horizontal	74	2.69
5825MHz	Pass	PK	11.6442G	54.05	74.00	-19.95	3	Horizontal	74	2.69
5825MHz	Pass	PK	17.47288G	56.97	68.20	-11.23	3	Horizontal	16	1.52
802.11ax HEW20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	51.56	54.00	-2.44	3	Vertical	329	1.62
5180MHz	Pass	AV	5.1788G	108.59	Inf	-Inf	3	Vertical	329	1.62
5180MHz	Pass	PK	5.1498G	66.14	74.00	-7.86	3	Vertical	329	1.62
5180MHz	Pass	PK	5.1788G	120.33	Inf	-Inf	3	Vertical	329	1.62
5180MHz	Pass	AV	5.1498G	53.05	54.00	-0.95	3	Horizontal	39	2.48
5180MHz	Pass	AV	5.1814G	109.62	Inf	-Inf	3	Horizontal	39	2.48
5180MHz	Pass	PK	5.1488G	65.23	74.00	-8.77	3	Horizontal	39	2.48
5180MHz	Pass	PK	5.1814G	120.88	Inf	-Inf	3	Horizontal	39	2.48
5180MHz	Pass	AV	15.54484G	43.57	54.00	-10.43	3	Vertical	1	1.04
5180MHz	Pass	PK	10.35716G	53.34	68.20	-14.86	3	Vertical	79	1.53
5180MHz	Pass	PK	15.54228G	54.66	74.00	-19.34	3	Vertical	1	1.04
5180MHz	Pass	AV	15.54892G	43.61	54.00	-10.39	3	Horizontal	46	1.35
5180MHz	Pass	PK	10.36068G	54.15	68.20	-14.05	3	Horizontal	360	1.50
5180MHz	Pass	PK	15.54324G	55.22	74.00	-18.78	3	Horizontal	46	1.35
5200MHz	Pass	AV	5.1496G	53.22	54.00	-0.78	3	Vertical	333	1.60
5200MHz	Pass	AV	5.198G	111.25	Inf	-Inf	3	Vertical	333	1.60
5200MHz	Pass	PK	5.1496G	67.82	74.00	-6.18	3	Vertical	333	1.60
5200MHz	Pass	PK	5.198G	122.12	Inf	-Inf	3	Vertical	333	1.60
5200MHz	Pass	AV	5.1492G	52.02	54.00	-1.98	3	Horizontal	331	1.67
5200MHz	Pass	AV	5.1992G	110.93	Inf	-Inf	3	Horizontal	331	1.67
5200MHz	Pass	PK	5.148G	63.19	74.00	-10.81	3	Horizontal	331	1.67
5200MHz	Pass	PK	5.1984G	121.53	Inf	-Inf	3	Horizontal	331	1.67
5200MHz	Pass	AV	15.6012G	43.70	54.00	-10.30	3	Vertical	303	1.94
5200MHz	Pass	PK	10.39332G	54.13	68.20	-14.07	3	Vertical	29	2.43
5200MHz	Pass	PK	15.59748G	54.74	74.00	-19.26	3	Vertical	303	1.94
5200MHz	Pass	AV	15.59796G	43.66	54.00	-10.34	3	Horizontal	241	1.58
5200MHz	Pass	PK	10.397G	54.25	68.20	-13.95	3	Horizontal	329	2.85
5200MHz	Pass	PK	15.6006G	55.15	74.00	-18.85	3	Horizontal	241	1.58
5240MHz	Pass	AV	5.15G	52.73	54.00	-1.27	3	Vertical	329	1.50
5240MHz	Pass	AV	5.2388G	113.87	Inf	-Inf	3	Vertical	329	1.50
5240MHz	Pass	AV	5.35G	45.69	54.00	-8.31	3	Vertical	329	1.50



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5240MHz	Pass	PK	5.1494G	64.89	74.00	-9.11	3	Vertical	329	1.50
5240MHz	Pass	PK	5.2388G	124.08	Inf	-Inf	3	Vertical	329	1.50
5240MHz	Pass	PK	5.3558G	56.73	74.00	-17.27	3	Vertical	329	1.50
5240MHz	Pass	AV	5.1488G	50.91	54.00	-3.09	3	Horizontal	336	1.50
5240MHz	Pass	AV	5.2382G	113.80	Inf	-Inf	3	Horizontal	336	1.50
5240MHz	Pass	AV	5.3582G	45.82	54.00	-8.18	3	Horizontal	336	1.50
5240MHz	Pass	PK	5.1494G	63.78	74.00	-10.22	3	Horizontal	336	1.50
5240MHz	Pass	PK	5.2382G	124.26	Inf	-Inf	3	Horizontal	336	1.50
5240MHz	Pass	PK	5.3576G	57.44	74.00	-16.56	3	Horizontal	336	1.50
5240MHz	Pass	AV	15.71848G	48.27	54.00	-5.73	3	Vertical	333	1.49
5240MHz	Pass	PK	10.47416G	54.09	68.20	-14.11	3	Vertical	23	1.46
5240MHz	Pass	PK	15.71892G	59.85	74.00	-14.15	3	Vertical	333	1.49
5240MHz	Pass	AV	15.72792G	46.62	54.00	-7.38	3	Horizontal	349	1.50
5240MHz	Pass	PK	10.47732G	54.90	68.20	-13.30	3	Horizontal	254	1.54
5240MHz	Pass	PK	15.72996G	59.31	74.00	-14.69	3	Horizontal	349	1.50
5745MHz	Pass	AV	5.4558G	45.07	54.00	-8.93	3	Vertical	327	2.16
5745MHz	Pass	AV	5.7498G	114.55	Inf	-Inf	3	Vertical	327	2.16
5745MHz	Pass	PK	5.6466G	61.33	68.20	-6.87	3	Vertical	327	2.16
5745MHz	Pass	PK	5.7486G	124.63	Inf	-Inf	3	Vertical	327	2.16
5745MHz	Pass	PK	5.9598G	58.57	68.20	-9.63	3	Vertical	327	2.16
5745MHz	Pass	AV	5.4558G	45.39	54.00	-8.61	3	Horizontal	54	1.01
5745MHz	Pass	AV	5.7474G	117.80	Inf	-Inf	3	Horizontal	54	1.01
5745MHz	Pass	PK	5.6466G	63.76	68.20	-4.44	3	Horizontal	54	1.01
5745MHz	Pass	PK	5.7474G	126.90	Inf	-Inf	3	Horizontal	54	1.01
5745MHz	Pass	PK	5.9262G	58.96	68.20	-9.24	3	Horizontal	54	1.01
5745MHz	Pass	AV	11.4894G	44.99	54.00	-9.01	3	Vertical	34	1.46
5745MHz	Pass	PK	11.4906G	57.00	74.00	-17.00	3	Vertical	34	1.46
5745MHz	Pass	PK	17.23104G	62.04	68.20	-6.16	3	Vertical	25	1.65
5745MHz	Pass	AV	11.49656G	43.25	54.00	-10.75	3	Horizontal	28	2.30
5745MHz	Pass	PK	11.49592G	55.54	74.00	-18.46	3	Horizontal	28	2.30
5745MHz	Pass	PK	17.232G	61.21	68.20	-6.99	3	Horizontal	6	1.59
5785MHz	Pass	AV	5.7862G	113.90	Inf	-Inf	3	Vertical	291	1.85
5785MHz	Pass	PK	5.6146G	57.43	68.20	-10.77	3	Vertical	291	1.85
5785MHz	Pass	PK	5.7862G	123.90	Inf	-Inf	3	Vertical	291	1.85
5785MHz	Pass	PK	5.941G	59.77	68.20	-8.43	3	Vertical	291	1.85
5785MHz	Pass	AV	5.7886G	118.55	Inf	-Inf	3	Horizontal	52	1.00
5785MHz	Pass	PK	5.6494G	62.71	68.20	-5.49	3	Horizontal	52	1.00
5785MHz	Pass	PK	5.7898G	128.09	Inf	-Inf	3	Horizontal	52	1.00
5785MHz	Pass	PK	5.929G	64.33	68.20	-3.87	3	Horizontal	52	1.00
5785MHz	Pass	AV	11.56968G	44.74	54.00	-9.26	3	Vertical	34	1.50
5785MHz	Pass	PK	11.56924G	56.26	74.00	-17.74	3	Vertical	34	1.50
5785MHz	Pass	PK	17.35456G	56.77	68.20	-11.43	3	Vertical	66	1.50
5785MHz	Pass	AV	11.5708G	42.73	54.00	-11.27	3	Horizontal	360	2.74
5785MHz	Pass	PK	11.56168G	54.50	74.00	-19.50	3	Horizontal	360	2.74
5785MHz	Pass	PK	17.35468G	59.47	68.20	-8.73	3	Horizontal	5	2.86
5825MHz	Pass	AV	5.8286G	113.57	Inf	-Inf	3	Vertical	341	1.91
5825MHz	Pass	PK	5.6258G	56.81	68.20	-11.39	3	Vertical	341	1.91
5825MHz	Pass	PK	5.8274G	123.11	Inf	-Inf	3	Vertical	341	1.91
5825MHz	Pass	PK	5.9282G	58.67	68.20	-9.53	3	Vertical	341	1.91
5825MHz	Pass	AV	5.8286G	117.66	Inf	-Inf	3	Horizontal	55	1.00
5825MHz	Pass	PK	5.6354G	58.13	68.20	-10.07	3	Horizontal	55	1.00
5825MHz	Pass	PK	5.8274G	126.74	Inf	-Inf	3	Horizontal	55	1.00
5825MHz	Pass	PK	5.927G	66.06	68.20	-2.14	3	Horizontal	55	1.00
5825MHz	Pass	AV	11.65068G	44.64	54.00	-9.36	3	Vertical	29	1.50
5825MHz	Pass	PK	11.65076G	55.93	74.00	-18.07	3	Vertical	29	1.50
5825MHz	Pass	PK	17.47064G	57.86	68.20	-10.34	3	Vertical	24	1.50
5825MHz	Pass	AV	11.64936G	42.89	54.00	-11.11	3	Horizontal	295	1.06
5825MHz	Pass	PK	11.64256G	54.17	74.00	-19.83	3	Horizontal	295	1.06
5825MHz	Pass	PK	17.4712G	58.29	68.20	-9.91	3	Horizontal	303	1.34
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.05	54.00	-0.95	3	Vertical	336	1.54
5190MHz	Pass	AV	5.1884G	102.23	Inf	-Inf	3	Vertical	336	1.54



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5190MHz	Pass	PK	5.1492G	64.56	74.00	-9.44	3	Vertical	336	1.54
5190MHz	Pass	PK	5.188G	111.83	Inf	-Inf	3	Vertical	336	1.54
5190MHz	Pass	AV	5.15G	51.81	54.00	-2.19	3	Horizontal	2	1.67
5190MHz	Pass	AV	5.1912G	102.08	Inf	-Inf	3	Horizontal	2	1.67
5190MHz	Pass	PK	5.15G	62.00	74.00	-12.00	3	Horizontal	2	1.67
5190MHz	Pass	PK	5.1904G	112.52	Inf	-Inf	3	Horizontal	2	1.67
5190MHz	Pass	AV	15.56336G	43.81	54.00	-10.19	3	Vertical	289	3.00
5190MHz	Pass	PK	10.39992G	54.57	68.20	-13.63	3	Vertical	282	1.50
5190MHz	Pass	PK	15.58304G	56.08	74.00	-17.92	3	Vertical	289	3.00
5190MHz	Pass	AV	15.57416G	43.78	54.00	-10.22	3	Horizontal	114	1.49
5190MHz	Pass	PK	10.36824G	54.23	68.20	-13.97	3	Horizontal	0	1.50
5190MHz	Pass	PK	15.56552G	56.18	74.00	-17.82	3	Horizontal	114	1.49
5230MHz	Pass	AV	5.1492G	53.78	54.00	-0.22	3	Vertical	336	1.56
5230MHz	Pass	AV	5.2288G	107.08	Inf	-Inf	3	Vertical	336	1.56
5230MHz	Pass	PK	5.15G	64.42	74.00	-9.58	3	Vertical	336	1.56
5230MHz	Pass	PK	5.2292G	117.97	Inf	-Inf	3	Vertical	336	1.56
5230MHz	Pass	AV	5.15G	53.70	54.00	-0.30	3	Horizontal	341	1.48
5230MHz	Pass	AV	5.2284G	107.48	Inf	-Inf	3	Horizontal	341	1.48
5230MHz	Pass	PK	5.15G	65.21	74.00	-8.79	3	Horizontal	341	1.48
5230MHz	Pass	PK	5.2268G	117.54	Inf	-Inf	3	Horizontal	341	1.48
5230MHz	Pass	AV	15.67064G	43.58	54.00	-10.42	3	Vertical	164	1.50
5230MHz	Pass	PK	10.45872G	55.18	68.20	-13.02	3	Vertical	27	1.77
5230MHz	Pass	PK	15.67976G	55.06	74.00	-18.94	3	Vertical	164	1.50
5230MHz	Pass	AV	15.67168G	43.59	54.00	-10.41	3	Horizontal	21	1.50
5230MHz	Pass	PK	10.4716G	54.51	68.20	-13.69	3	Horizontal	37	1.50
5230MHz	Pass	PK	15.68656G	55.22	74.00	-18.78	3	Horizontal	21	1.50
5755MHz	Pass	AV	5.4586G	44.98	54.00	-9.02	3	Vertical	328	2.17
5755MHz	Pass	AV	5.7598G	109.63	Inf	-Inf	3	Vertical	328	2.17
5755MHz	Pass	PK	5.6374G	59.95	68.20	-8.25	3	Vertical	328	2.17
5755MHz	Pass	PK	5.7598G	119.66	Inf	-Inf	3	Vertical	328	2.17
5755MHz	Pass	PK	5.9374G	57.84	68.20	-10.36	3	Vertical	328	2.17
5755MHz	Pass	AV	5.4586G	45.41	54.00	-8.59	3	Horizontal	52	1.00
5755MHz	Pass	AV	5.7586G	114.23	Inf	-Inf	3	Horizontal	52	1.00
5755MHz	Pass	PK	5.6566G	68.49	73.08	-4.59	3	Horizontal	52	1.00
5755MHz	Pass	PK	5.7574G	124.37	Inf	-Inf	3	Horizontal	52	1.00
5755MHz	Pass	PK	5.9518G	59.50	68.20	-8.70	3	Horizontal	52	1.00
5755MHz	Pass	AV	11.50264G	42.01	54.00	-11.99	3	Vertical	128	2.47
5755MHz	Pass	PK	11.50136G	52.89	74.00	-21.11	3	Vertical	128	2.47
5755MHz	Pass	PK	17.24668G	55.55	68.20	-12.65	3	Vertical	277	1.09
5755MHz	Pass	AV	11.49968G	42.12	54.00	-11.88	3	Horizontal	340	1.39
5755MHz	Pass	PK	11.53G	53.96	74.00	-20.04	3	Horizontal	340	1.39
5755MHz	Pass	PK	17.25364G	55.95	68.20	-12.25	3	Horizontal	209	1.55
5795MHz	Pass	AV	5.7986G	110.22	Inf	-Inf	3	Vertical	329	2.12
5795MHz	Pass	PK	5.6354G	58.25	68.20	-9.95	3	Vertical	329	2.12
5795MHz	Pass	PK	5.7986G	120.12	Inf	-Inf	3	Vertical	329	2.12
5795MHz	Pass	PK	5.9258G	63.14	68.20	-5.06	3	Vertical	329	2.12
5795MHz	Pass	AV	5.7974G	115.74	Inf	-Inf	3	Horizontal	54	1.00
5795MHz	Pass	PK	5.6366G	63.09	68.20	-5.11	3	Horizontal	54	1.00
5795MHz	Pass	PK	5.7974G	124.30	Inf	-Inf	3	Horizontal	54	1.00
5795MHz	Pass	PK	5.9318G	67.91	68.20	-0.29	3	Horizontal	54	1.00
5795MHz	Pass	AV	11.5772G	41.68	54.00	-12.32	3	Vertical	89	2.71
5795MHz	Pass	PK	11.57312G	53.18	74.00	-20.82	3	Vertical	89	2.71
5795MHz	Pass	PK	17.39668G	56.23	68.20	-11.97	3	Vertical	328	1.39
5795MHz	Pass	AV	11.60832G	41.69	54.00	-12.31	3	Horizontal	350	1.98
5795MHz	Pass	PK	11.57072G	53.03	74.00	-20.97	3	Horizontal	350	1.98
5795MHz	Pass	PK	17.40364G	56.18	68.20	-12.02	3	Horizontal	117	2.68
802.11ax HEW80_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.83	54.00	-0.17	3	Vertical	322	1.50
5210MHz	Pass	AV	5.209G	98.69	Inf	-Inf	3	Vertical	322	1.50
5210MHz	Pass	AV	5.411G	45.04	54.00	-8.96	3	Vertical	322	1.50
5210MHz	Pass	PK	5.15G	65.39	74.00	-8.61	3	Vertical	322	1.50
5210MHz	Pass	PK	5.209G	107.88	Inf	-Inf	3	Vertical	322	1.50



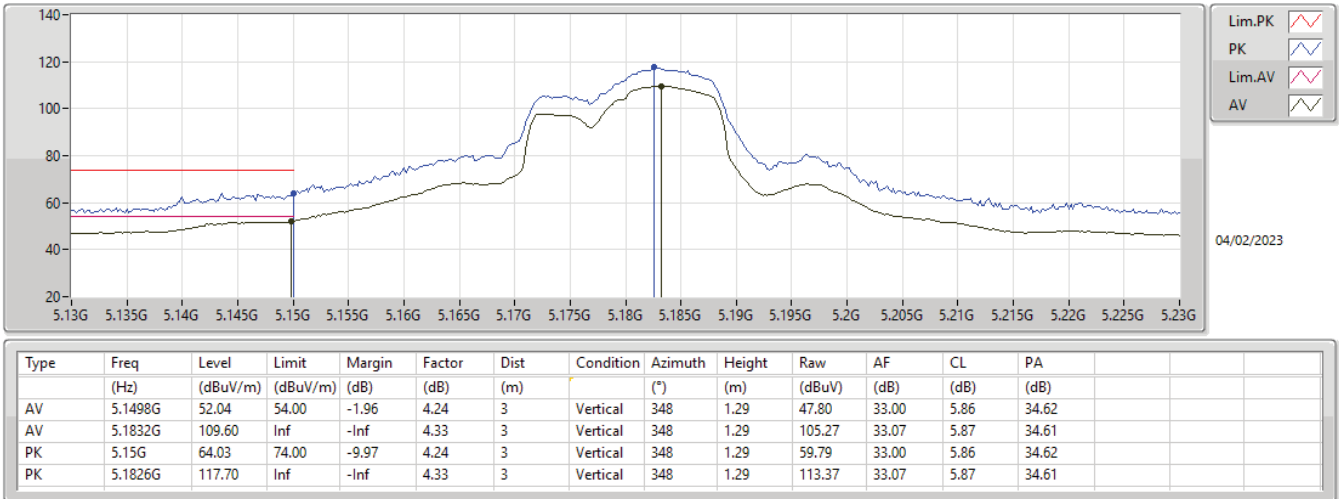
RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5210MHz	Pass	PK	5.369G	56.57	74.00	-17.43	3	Vertical	322	1.50
5210MHz	Pass	AV	5.139G	53.56	54.00	-0.44	3	Horizontal	312	1.89
5210MHz	Pass	AV	5.216G	98.79	Inf	-Inf	3	Horizontal	312	1.89
5210MHz	Pass	AV	5.401G	45.12	54.00	-8.88	3	Horizontal	312	1.89
5210MHz	Pass	PK	5.14G	65.37	74.00	-8.63	3	Horizontal	312	1.89
5210MHz	Pass	PK	5.217G	109.54	Inf	-Inf	3	Horizontal	312	1.89
5210MHz	Pass	PK	5.406G	57.57	74.00	-16.43	3	Horizontal	312	1.89
5210MHz	Pass	AV	15.6313G	43.39	54.00	-10.61	3	Vertical	152	1.38
5210MHz	Pass	PK	10.41626G	55.28	68.20	-12.92	3	Vertical	299	1.16
5210MHz	Pass	PK	15.62874G	54.63	74.00	-19.37	3	Vertical	152	1.38
5210MHz	Pass	AV	15.6329G	43.27	54.00	-10.73	3	Horizontal	156	1.53
5210MHz	Pass	PK	10.42488G	54.11	68.20	-14.09	3	Horizontal	291	2.29
5210MHz	Pass	PK	15.63096G	54.74	74.00	-19.26	3	Horizontal	156	1.53
5775MHz	Pass	AV	5.7798G	104.07	Inf	-Inf	3	Vertical	357	2.04
5775MHz	Pass	PK	5.6394G	62.63	68.20	-5.57	3	Vertical	357	2.04
5775MHz	Pass	PK	5.781G	114.93	Inf	-Inf	3	Vertical	357	2.04
5775MHz	Pass	PK	5.9394G	60.47	68.20	-7.73	3	Vertical	357	2.04
5775MHz	Pass	AV	5.7774G	108.91	Inf	-Inf	3	Horizontal	56	1.04
5775MHz	Pass	PK	5.6538G	69.47	71.01	-1.54	3	Horizontal	56	1.04
5775MHz	Pass	PK	5.7774G	120.14	Inf	-Inf	3	Horizontal	56	1.04
5775MHz	Pass	PK	5.937G	65.25	68.20	-2.95	3	Horizontal	56	1.04
5775MHz	Pass	AV	11.54626G	42.07	54.00	-11.93	3	Vertical	161	2.68
5775MHz	Pass	PK	11.5496G	54.97	74.00	-19.03	3	Vertical	161	2.68
5775MHz	Pass	PK	17.32926G	55.75	68.20	-12.45	3	Vertical	210	2.76
5775MHz	Pass	AV	11.54952G	41.96	54.00	-12.04	3	Horizontal	124	1.60
5775MHz	Pass	PK	11.54848G	54.28	74.00	-19.72	3	Horizontal	124	1.60
5775MHz	Pass	PK	17.3292G	55.45	68.20	-12.75	3	Horizontal	220	1.07

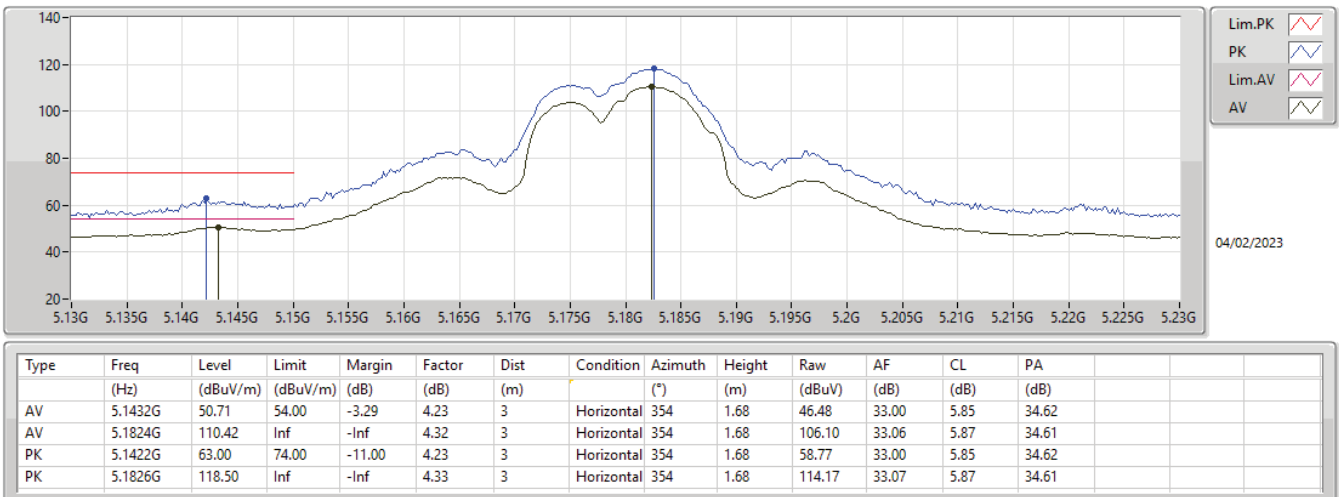
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5180MHz_TX



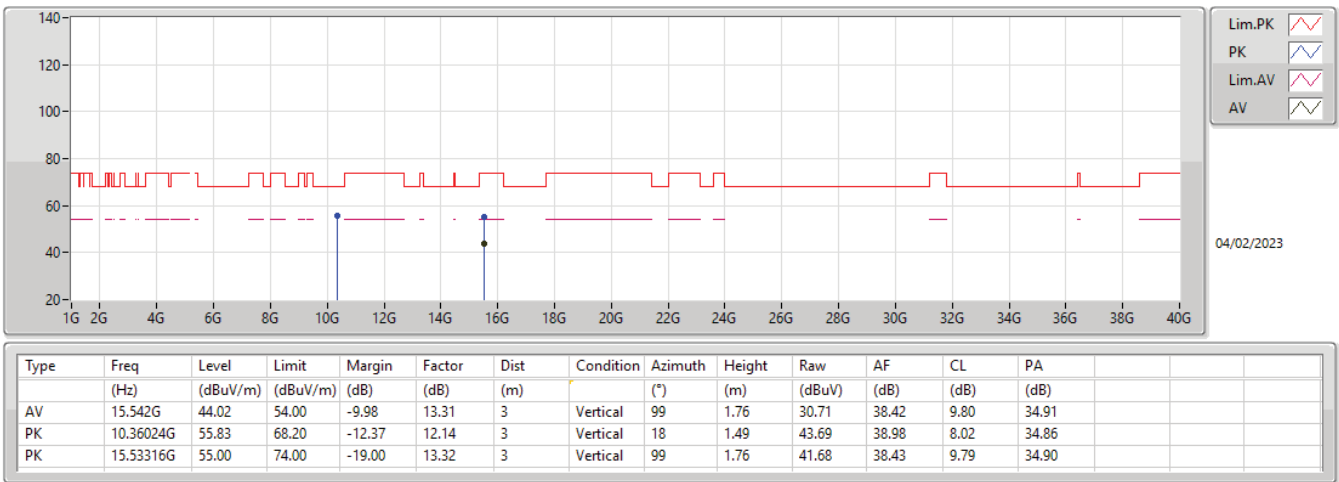
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5180MHz_TX



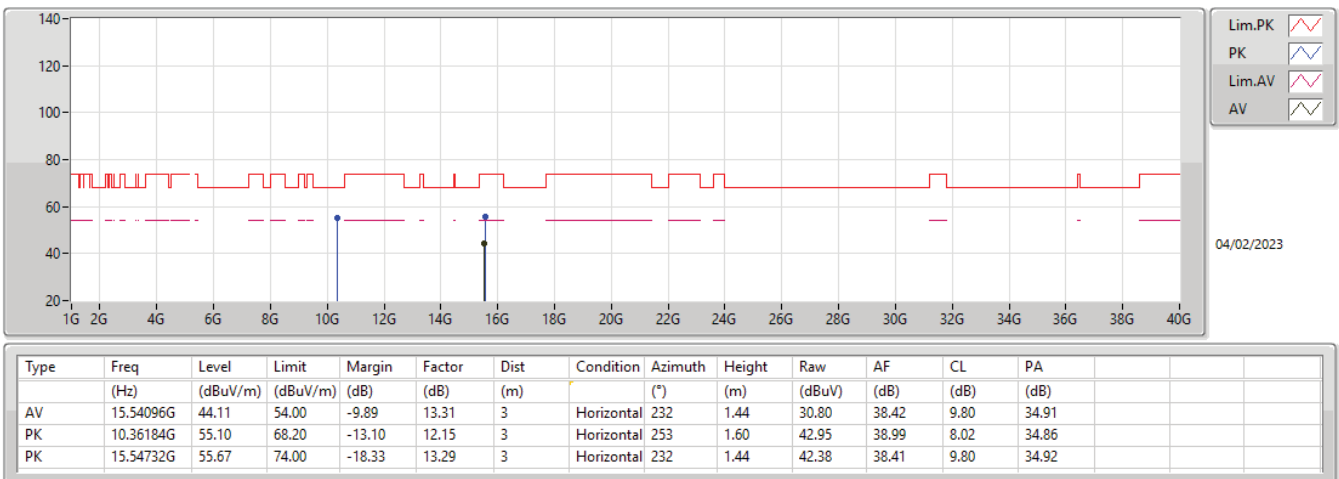
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5180MHz_TX



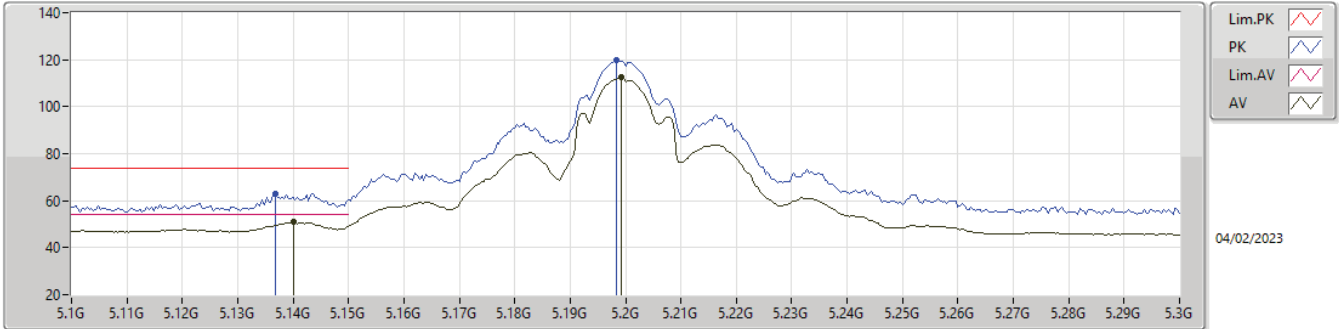
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5180MHz_TX



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

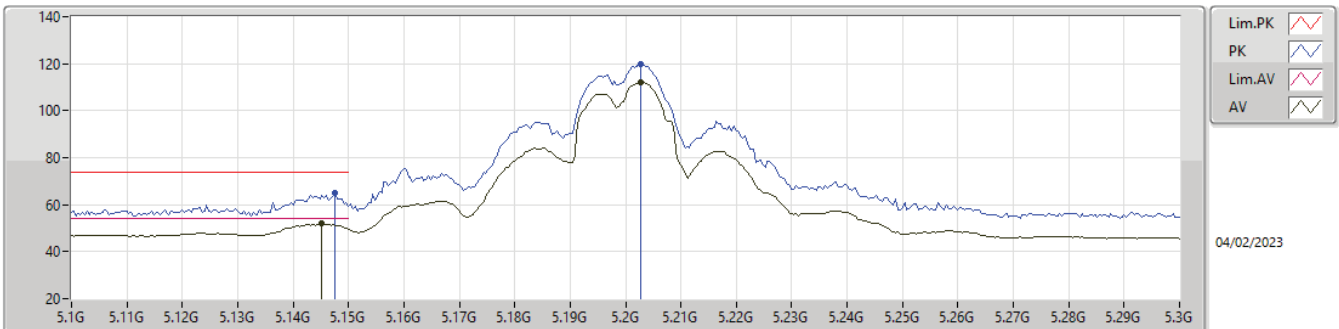
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.14G	50.80	54.00	-3.20	4.23	3	Vertical	329	1.60	46.57	33.00	5.85	34.62
AV	5.1992G	112.34	Inf	-Inf	4.37	3	Vertical	329	1.60	107.97	33.10	5.88	34.61
PK	5.1368G	62.84	74.00	-11.16	4.23	3	Vertical	329	1.60	58.61	33.00	5.85	34.62
PK	5.1984G	119.68	Inf	-Inf	4.37	3	Vertical	329	1.60	115.31	33.10	5.88	34.61

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

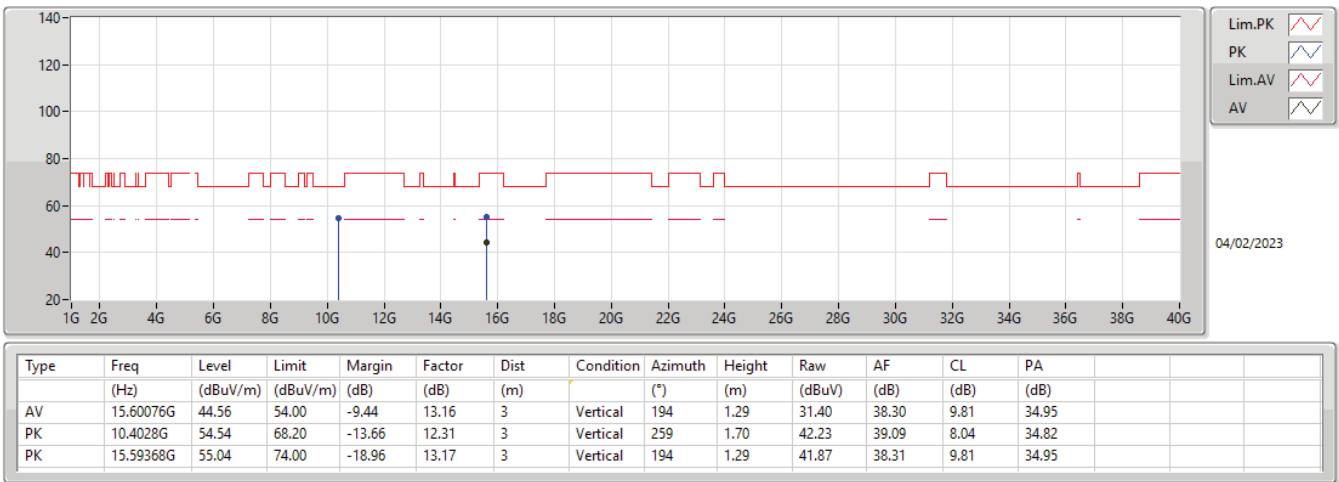
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1452G	51.82	54.00	-2.18	4.24	3	Horizontal	352	1.46	47.58	33.00	5.86	34.62
AV	5.2028G	112.05	Inf	-Inf	4.37	3	Horizontal	352	1.46	107.68	33.10	5.88	34.61
PK	5.1476G	64.85	74.00	-9.15	4.24	3	Horizontal	352	1.46	60.61	33.00	5.86	34.62
PK	5.2028G	119.79	Inf	-Inf	4.37	3	Horizontal	352	1.46	115.42	33.10	5.88	34.61

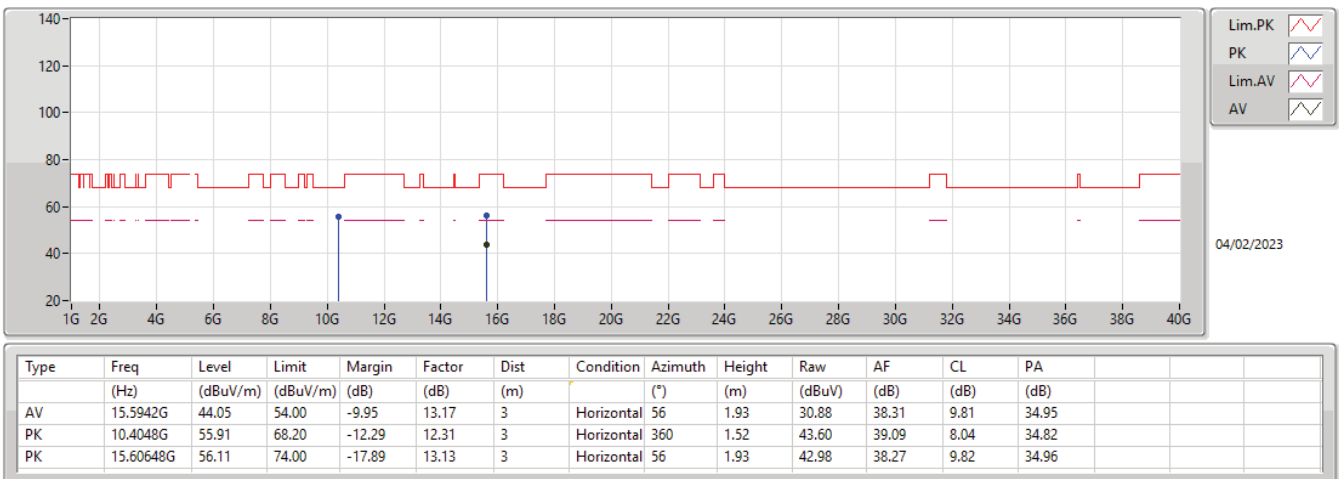
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX



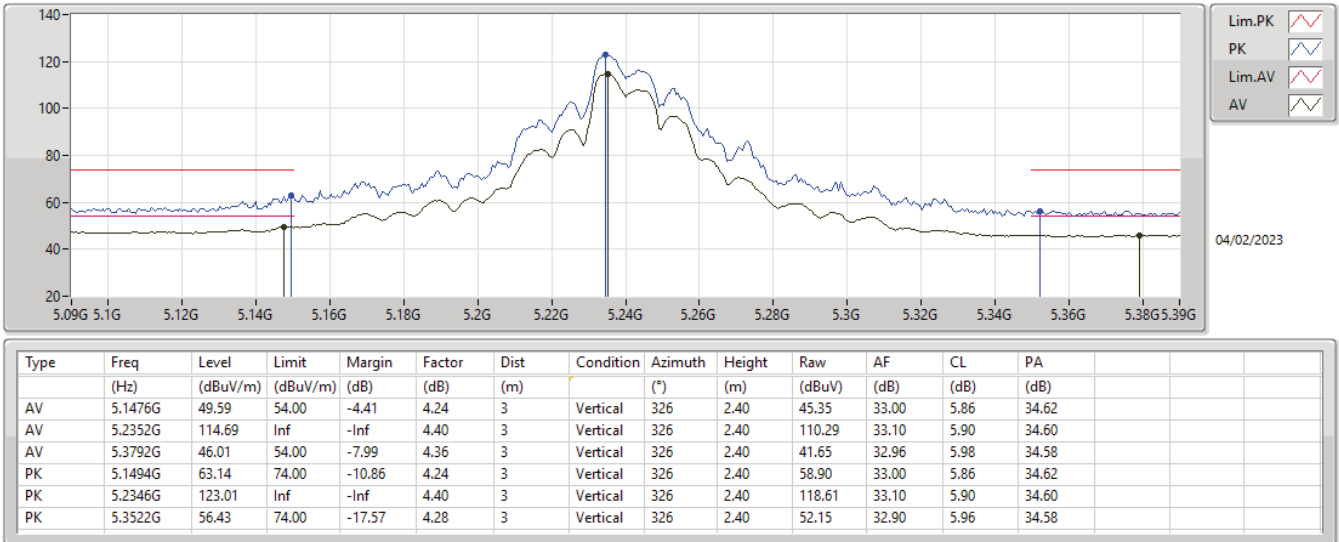
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX



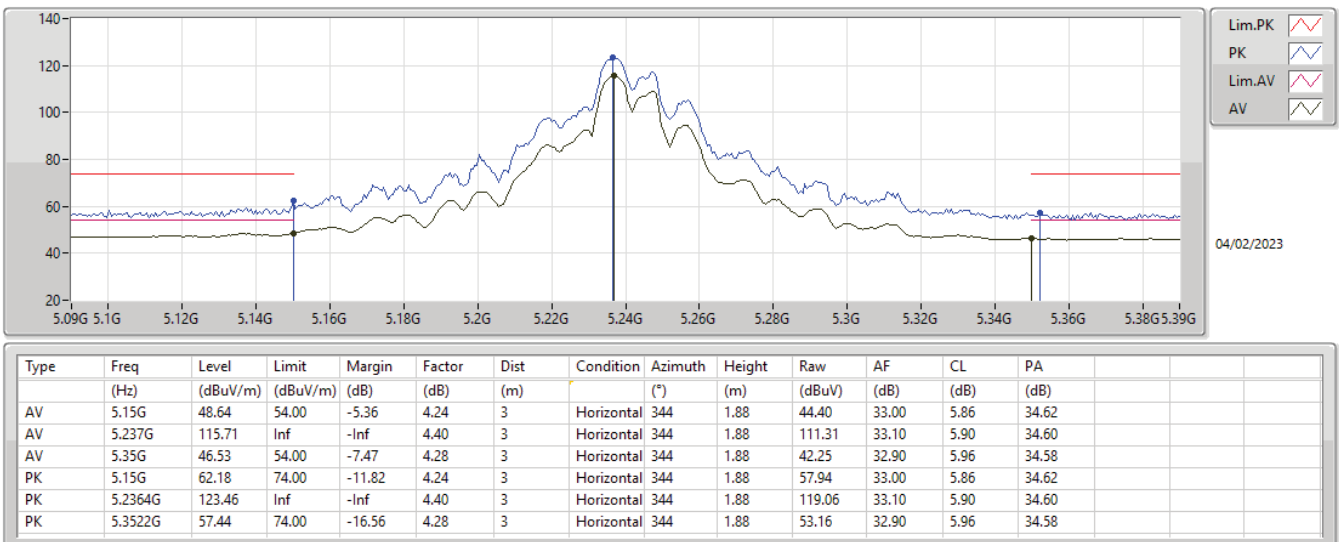
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX



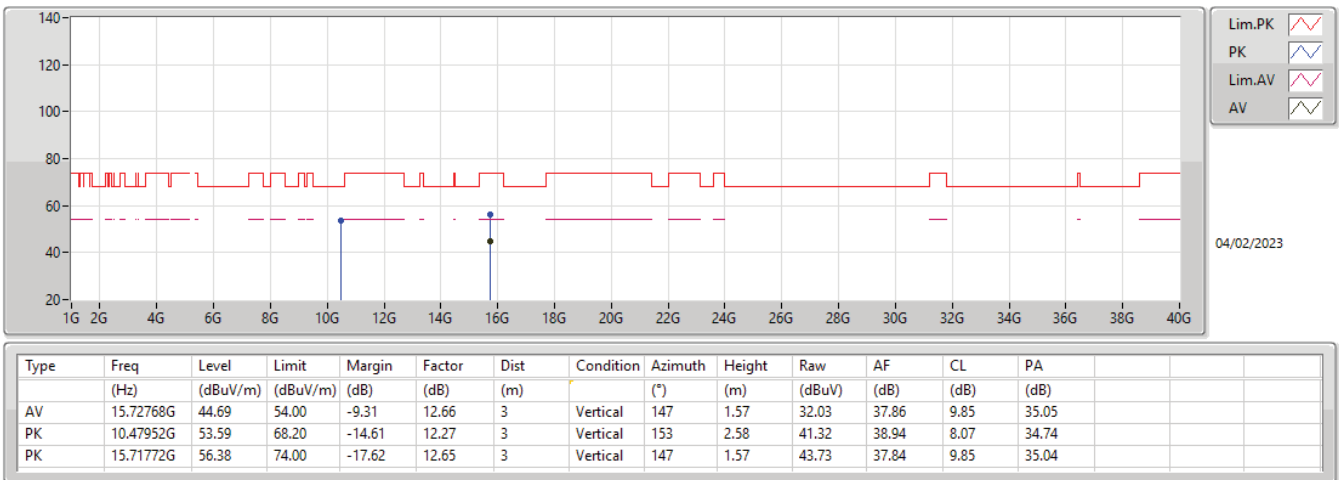
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX



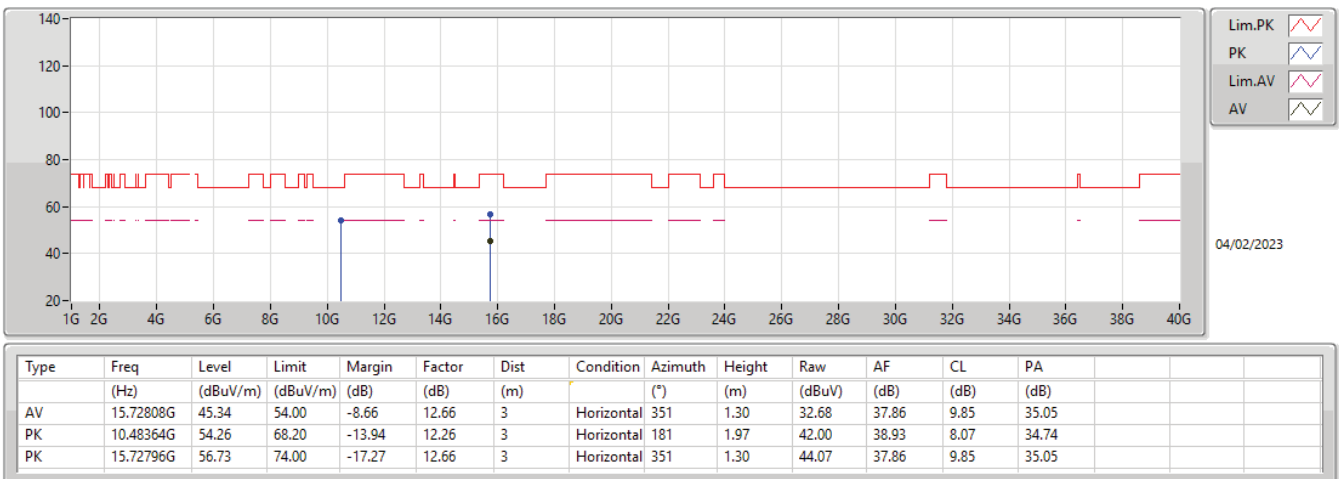
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX



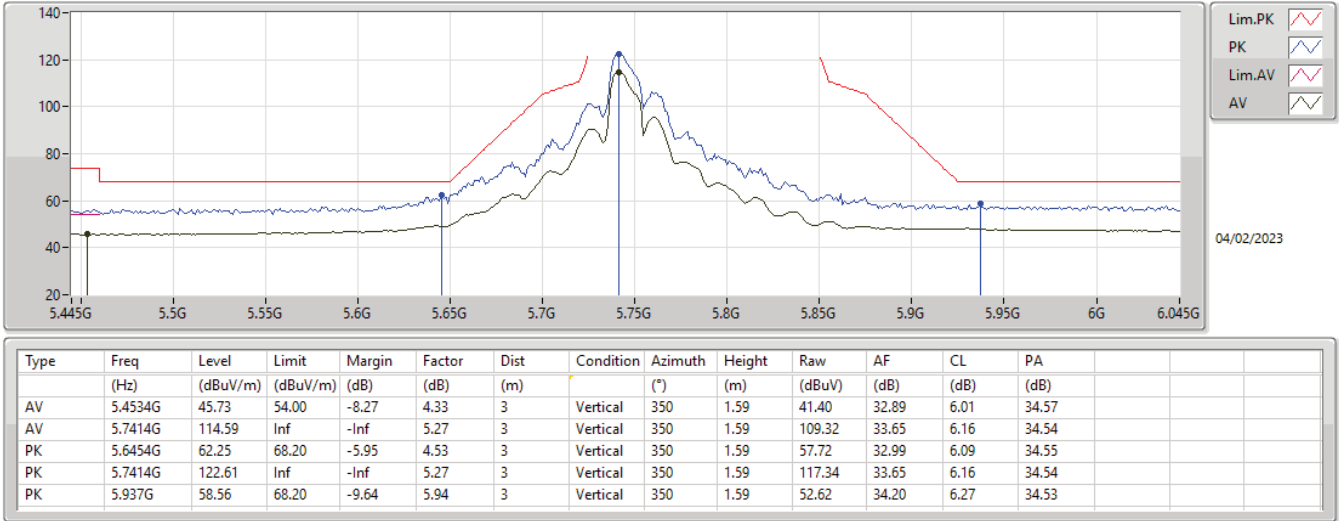
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX



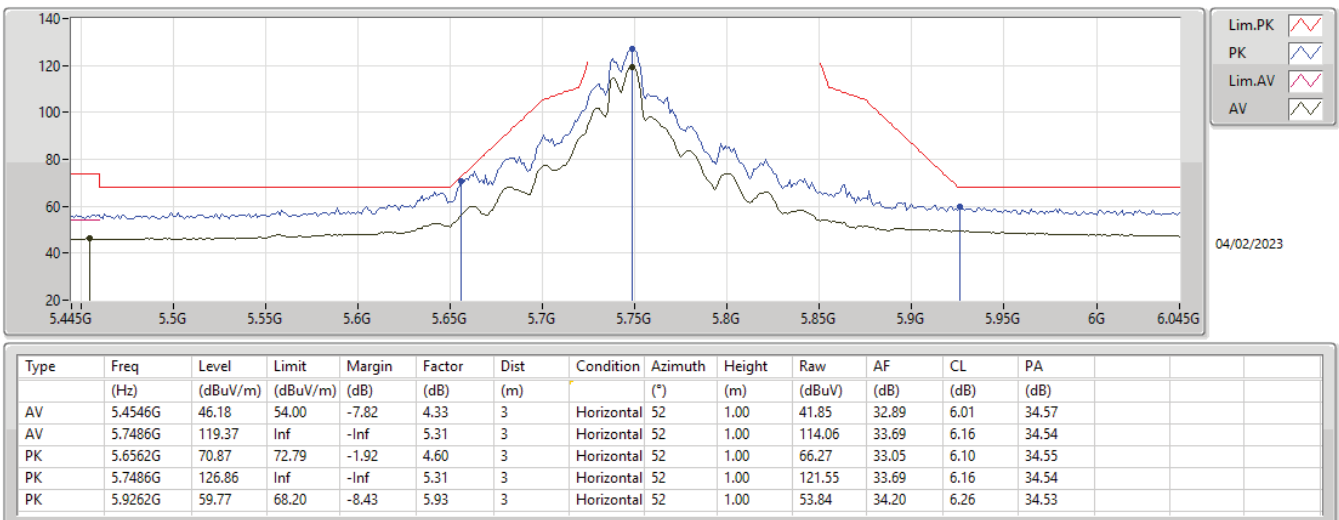
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX



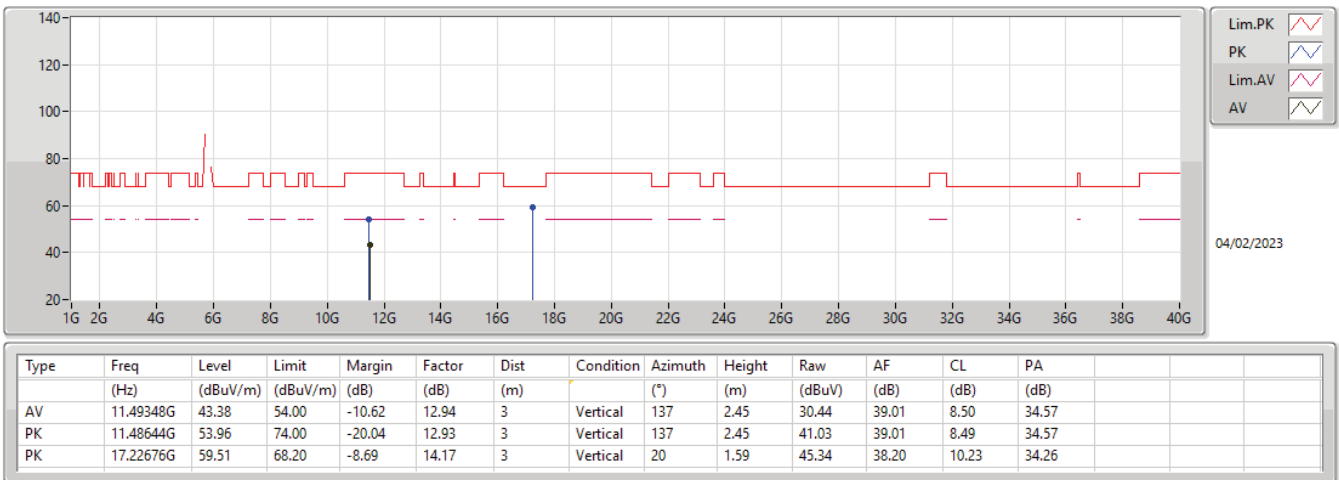
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX



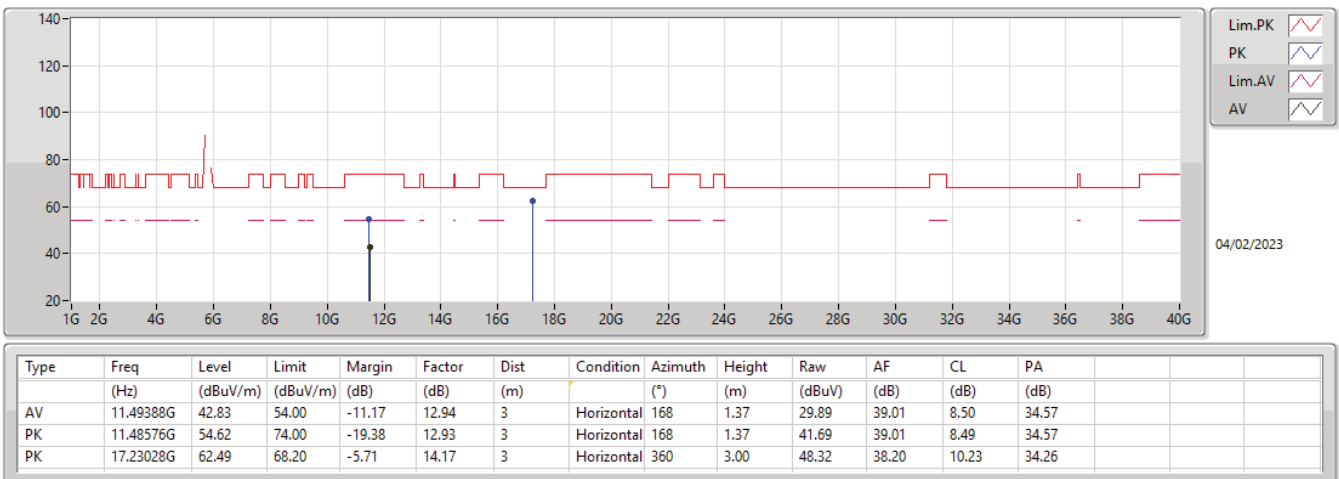
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX



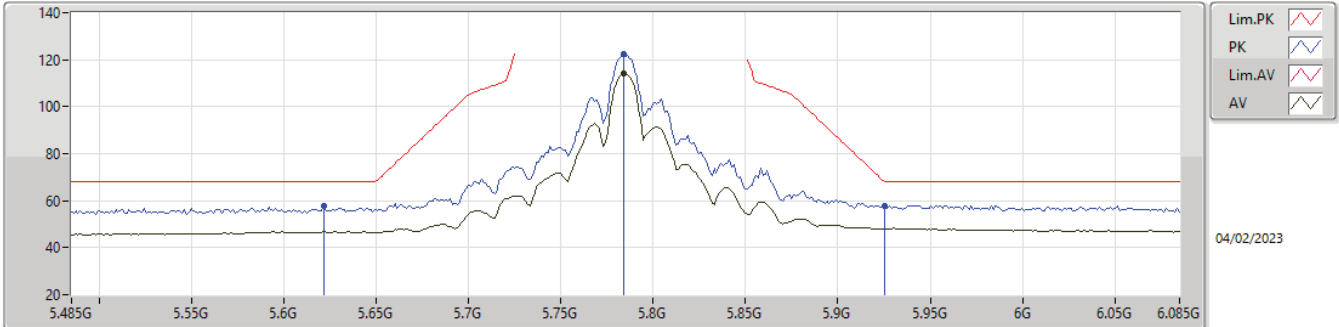
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX



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

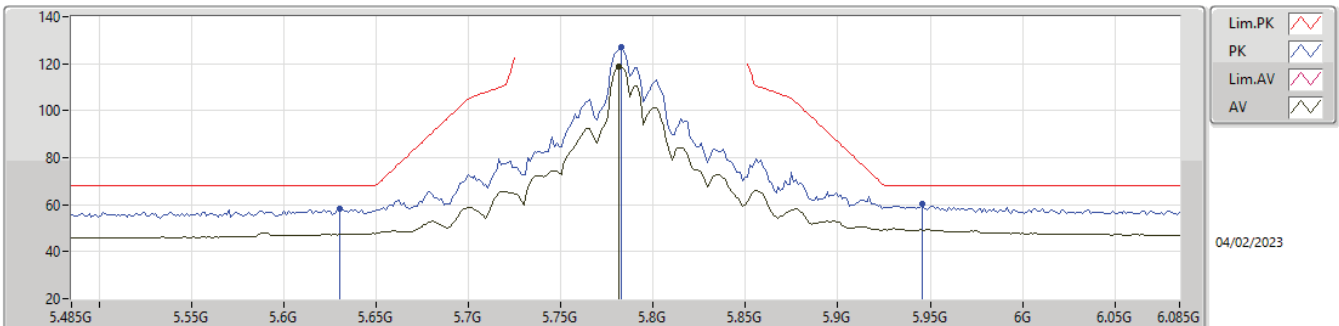
5785MHz_TX



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	5.7838G	114.14	Inf	-Inf	5.49	3	Vertical	341	1.50	108.65	33.84	6.19	34.54
PK	5.6218G	57.58	68.20	-10.62	4.47	3	Vertical	341	1.50	53.11	32.94	6.08	34.55
PK	5.7838G	122.30	Inf	-Inf	5.49	3	Vertical	341	1.50	116.81	33.84	6.19	34.54
PK	5.9254G	58.00	68.20	-10.20	5.93	3	Vertical	341	1.50	52.07	34.20	6.26	34.53

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

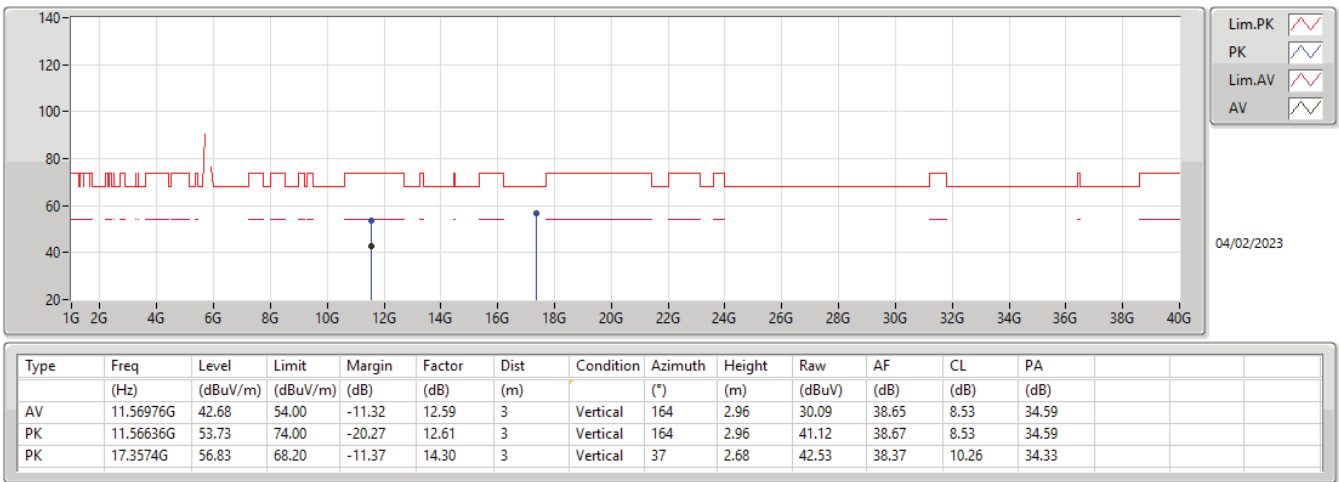
5785MHz_TX



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	5.7814G	118.63	Inf	-Inf	5.48	3	Horizontal	44	1.84	113.15	33.83	6.19	34.54
PK	5.6302G	58.14	68.20	-10.06	4.49	3	Horizontal	44	1.84	53.65	32.96	6.08	34.55
PK	5.7826G	126.82	Inf	-Inf	5.48	3	Horizontal	44	1.84	121.34	33.83	6.19	34.54
PK	5.9458G	60.13	68.20	-8.07	5.95	3	Horizontal	44	1.84	54.18	34.20	6.27	34.52

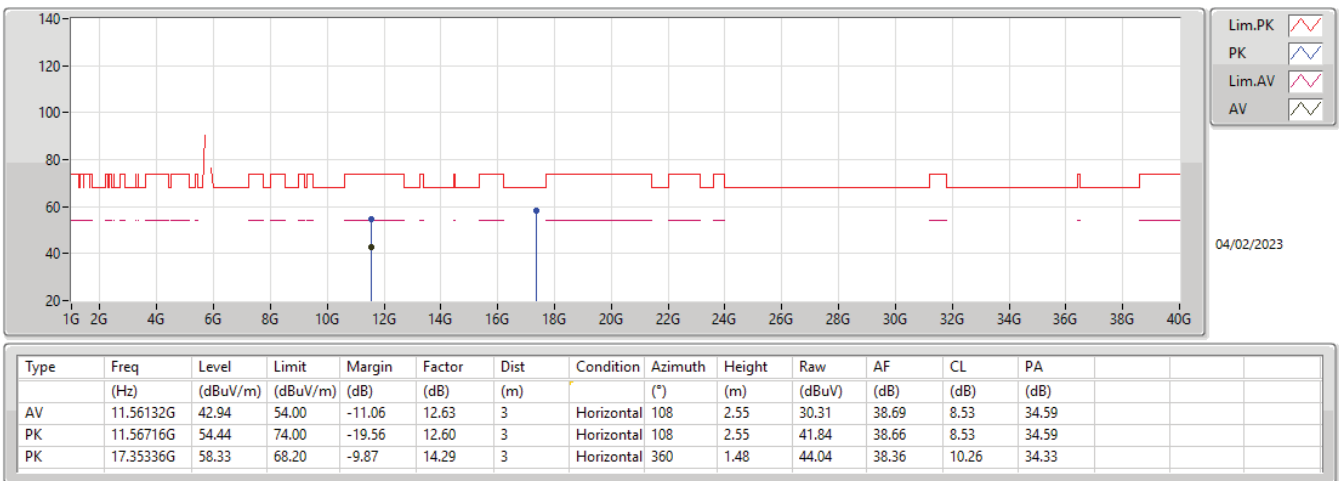
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX



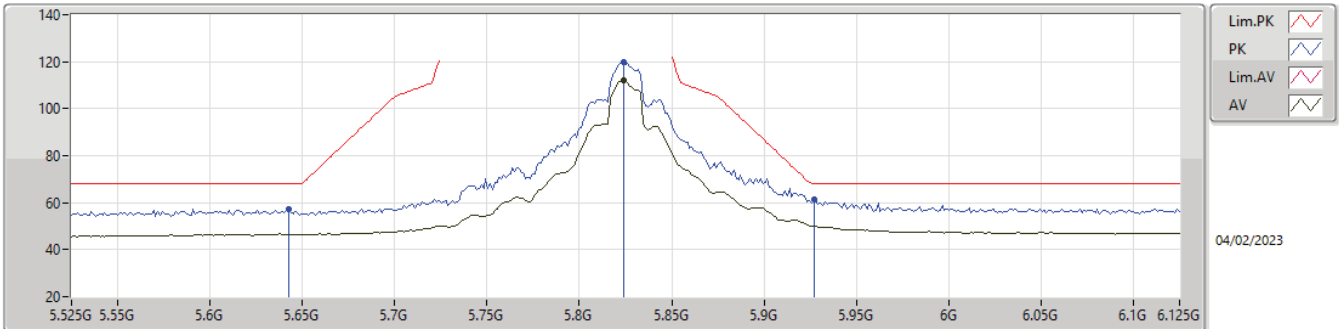
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX



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

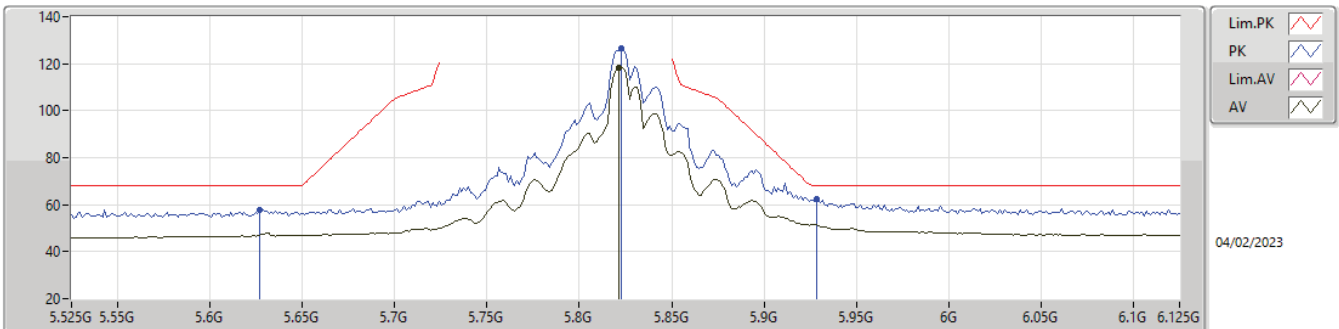
5825MHz_TX



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	5.8238G	112.17	Inf	-Inf	5.63	3	Vertical	344	1.02	106.54	33.95	6.21	34.53
PK	5.8426G	57.37	68.20	-10.83	4.53	3	Vertical	344	1.02	52.84	32.99	6.09	34.55
PK	5.8238G	120.03	Inf	-Inf	5.63	3	Vertical	344	1.02	114.40	33.95	6.21	34.53
PK	5.927G	61.41	68.20	-6.79	5.93	3	Vertical	344	1.02	55.48	34.20	6.26	34.53

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

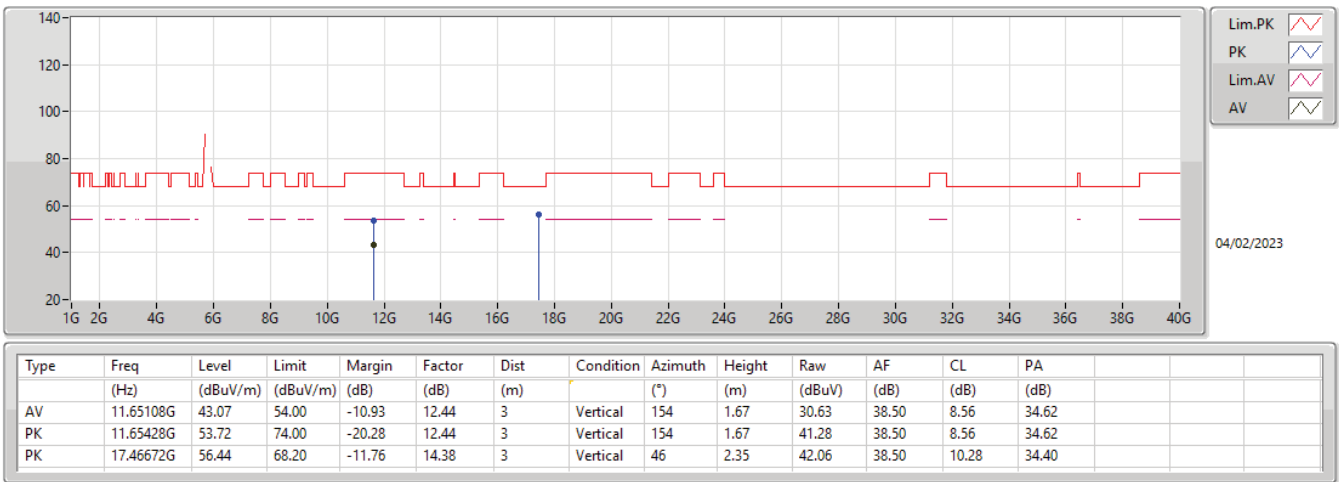
5825MHz_TX



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	5.8214G	118.48	Inf	-Inf	5.62	3	Horizontal	44	1.84	112.86	33.94	6.21	34.53
PK	5.827G	57.77	68.20	-10.43	4.48	3	Horizontal	44	1.84	53.29	32.95	6.08	34.55
PK	5.8226G	126.51	Inf	-Inf	5.63	3	Horizontal	44	1.84	120.88	33.95	6.21	34.53
PK	5.9282G	62.16	68.20	-6.04	5.93	3	Horizontal	44	1.84	56.23	34.20	6.26	34.53

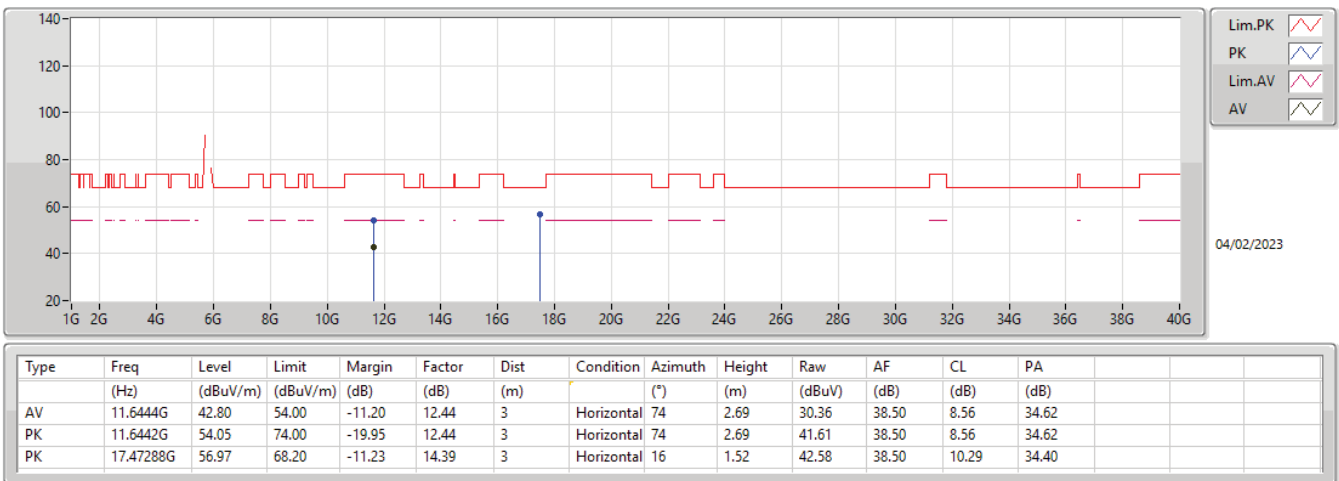
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX



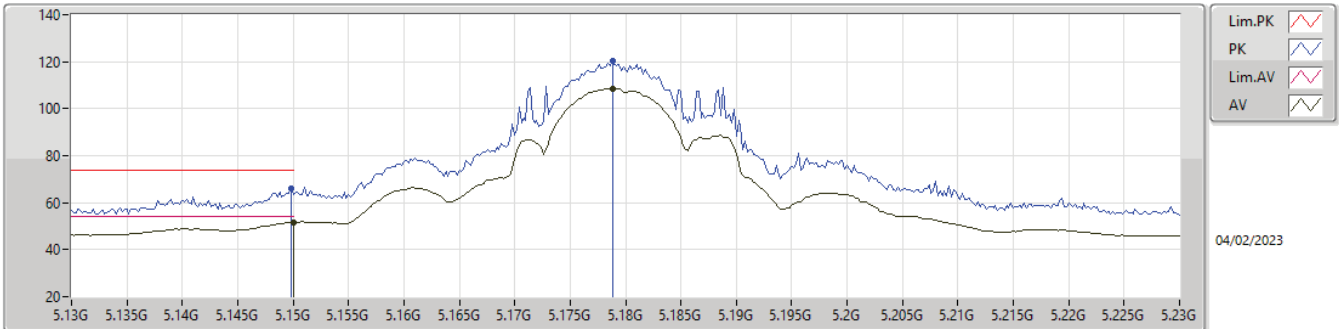
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

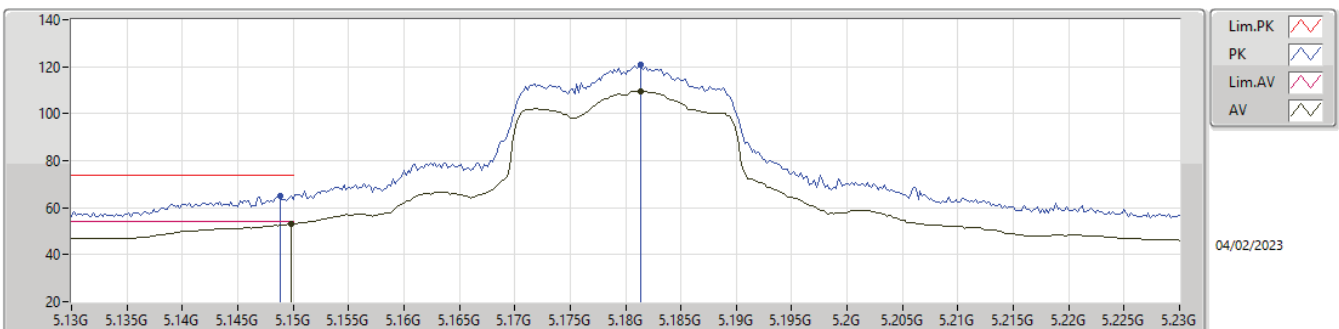
5180MHz_TX



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	5.15G	51.56	54.00	-2.44	4.24	3	Vertical	329	1.62	47.32	33.00	5.86	34.62
AV	5.1788G	108.59	Inf	-Inf	4.32	3	Vertical	329	1.62	104.27	33.06	5.87	34.61
PK	5.1498G	66.14	74.00	-7.86	4.24	3	Vertical	329	1.62	61.90	33.00	5.86	34.62
PK	5.1788G	120.33	Inf	-Inf	4.32	3	Vertical	329	1.62	116.01	33.06	5.87	34.61

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

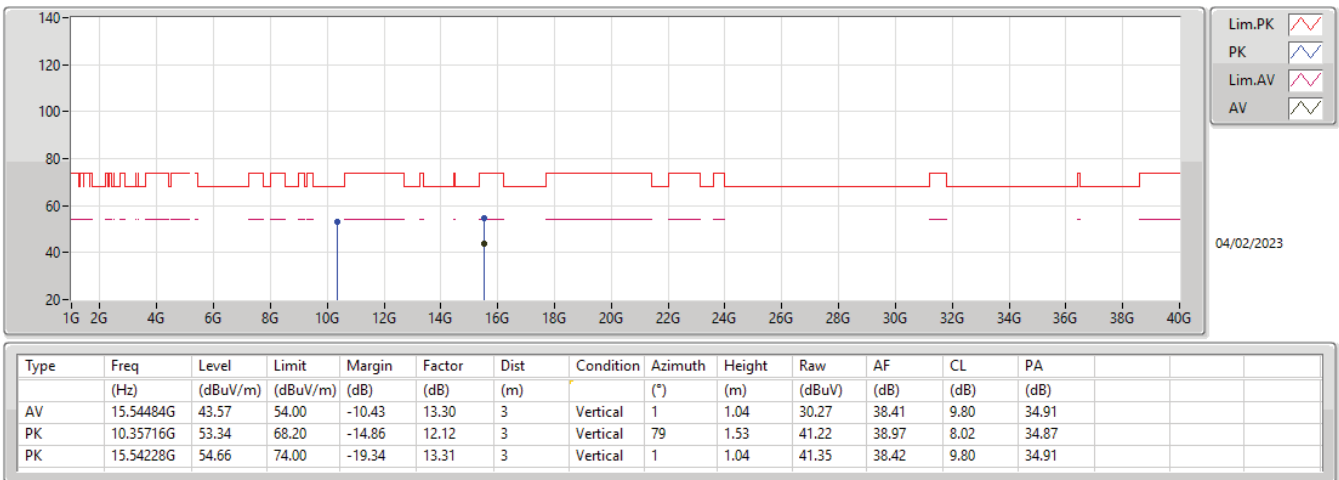
5180MHz_TX



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	5.1498G	53.05	54.00	-0.95	4.24	3	Horizontal	39	2.48	48.81	33.00	5.86	34.62
AV	5.1814G	109.62	Inf	-Inf	4.32	3	Horizontal	39	2.48	105.30	33.06	5.87	34.61
PK	5.1488G	65.23	74.00	-8.77	4.24	3	Horizontal	39	2.48	60.99	33.00	5.86	34.62
PK	5.1814G	120.88	Inf	-Inf	4.32	3	Horizontal	39	2.48	116.56	33.06	5.87	34.61

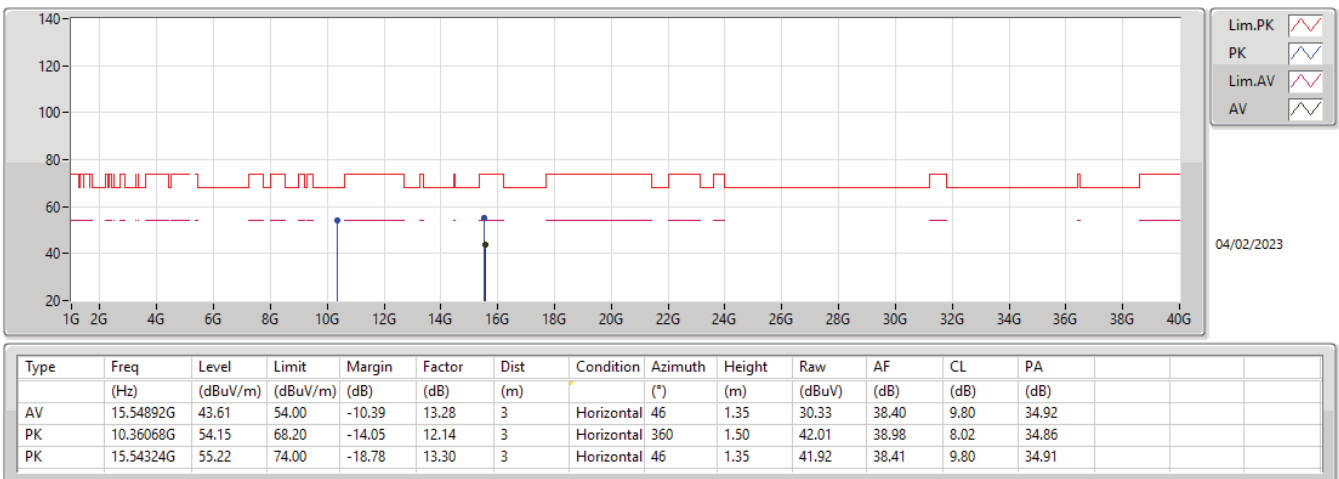
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX



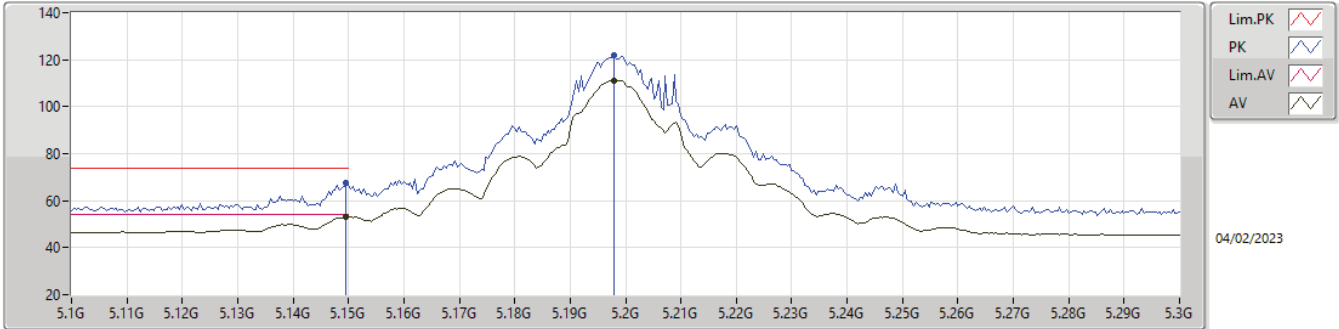
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

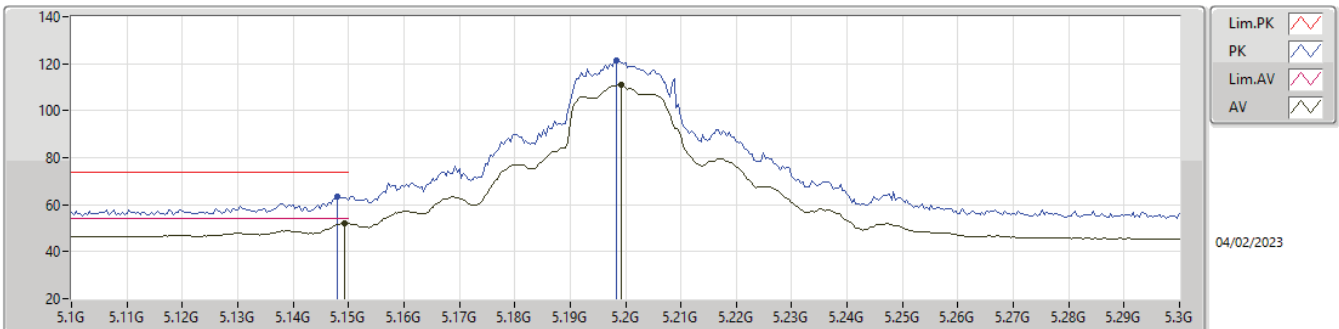
5200MHz_TX



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	5.1496G	53.22	54.00	-0.78	4.24	3	Vertical	333	1.60	48.98	33.00	5.86	34.62
AV	5.198G	111.25	Inf	-Inf	4.37	3	Vertical	333	1.60	106.88	33.10	5.88	34.61
PK	5.1496G	67.82	74.00	-6.18	4.24	3	Vertical	333	1.60	63.58	33.00	5.86	34.62
PK	5.198G	122.12	Inf	-Inf	4.37	3	Vertical	333	1.60	117.75	33.10	5.88	34.61

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

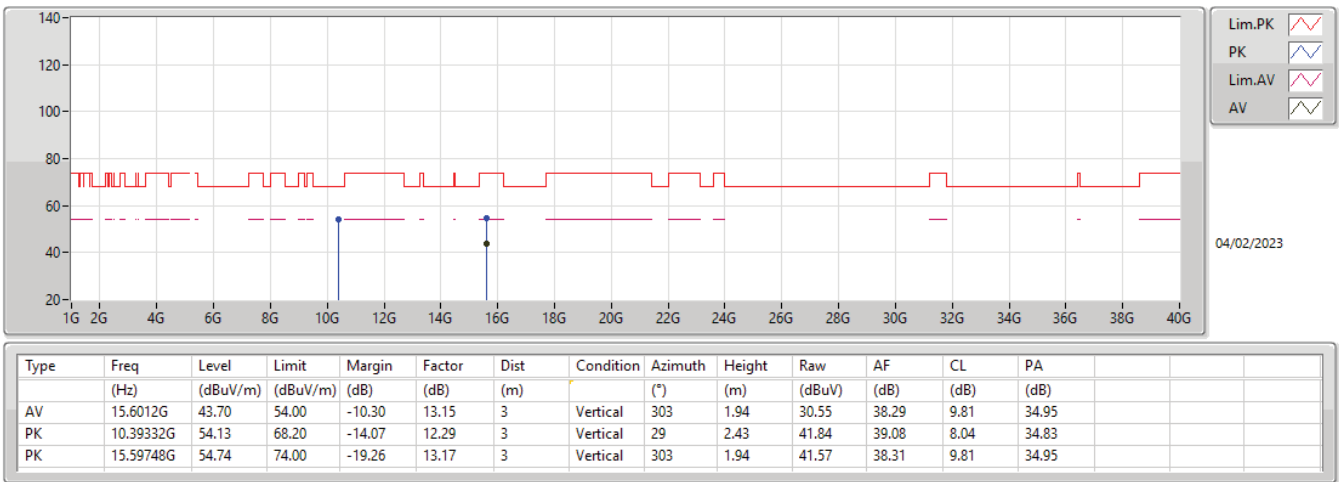
5200MHz_TX



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	5.1492G	52.02	54.00	-1.98	4.24	3	Horizontal	331	1.67	47.78	33.00	5.86	34.62
AV	5.1992G	110.93	Inf	-Inf	4.37	3	Horizontal	331	1.67	106.56	33.10	5.88	34.61
PK	5.148G	63.19	74.00	-10.81	4.24	3	Horizontal	331	1.67	58.95	33.00	5.86	34.62
PK	5.1984G	121.53	Inf	-Inf	4.37	3	Horizontal	331	1.67	117.16	33.10	5.88	34.61

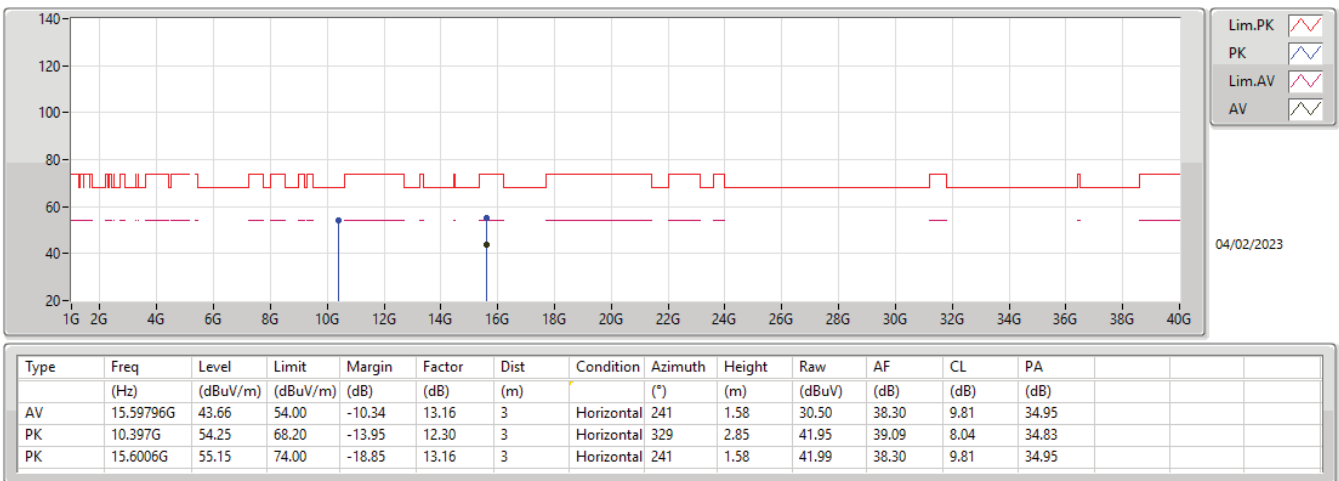
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX



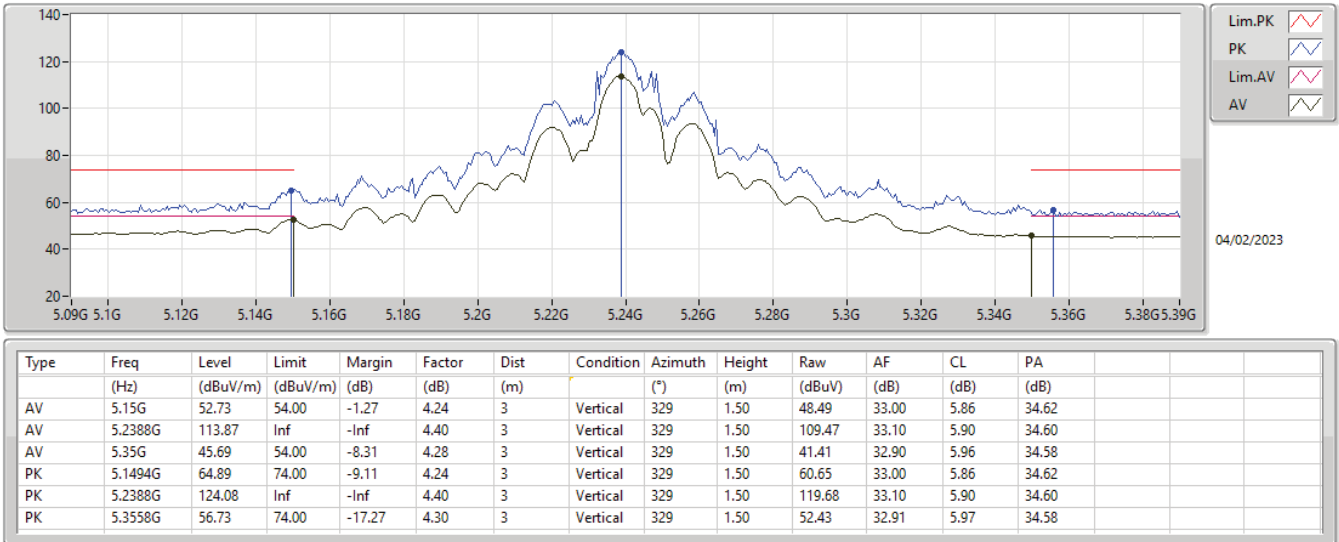
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX



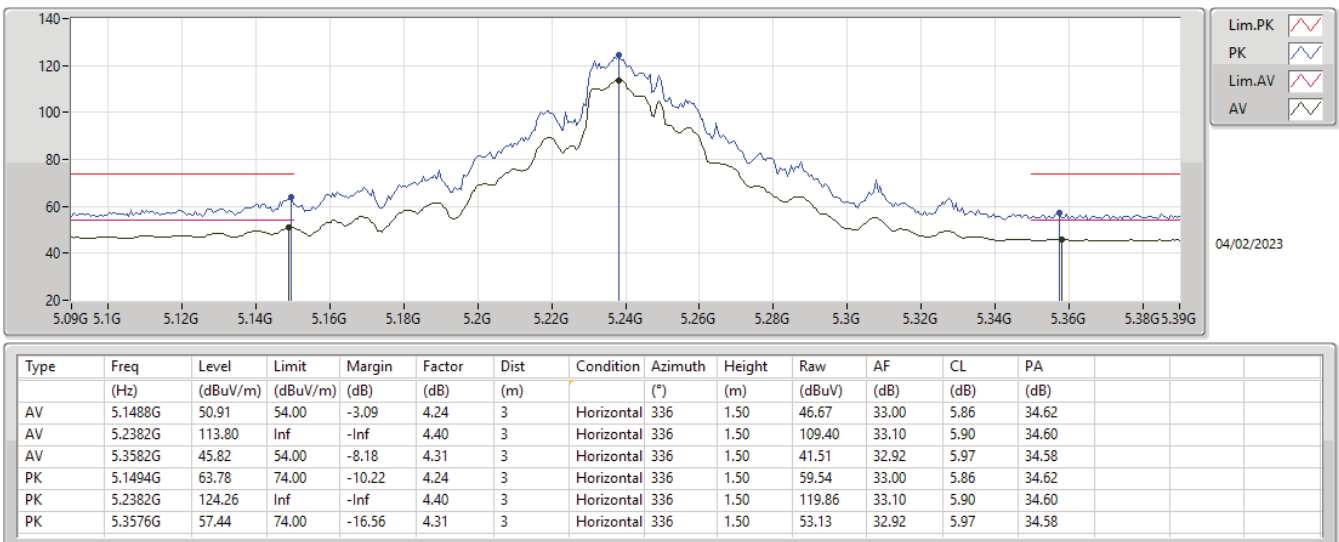
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX



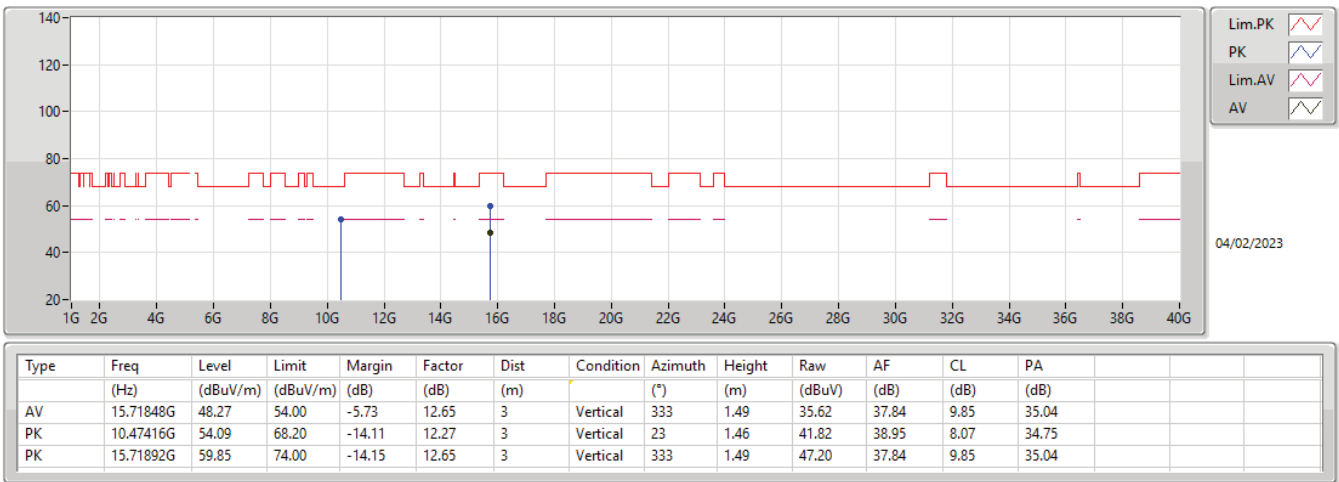
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX



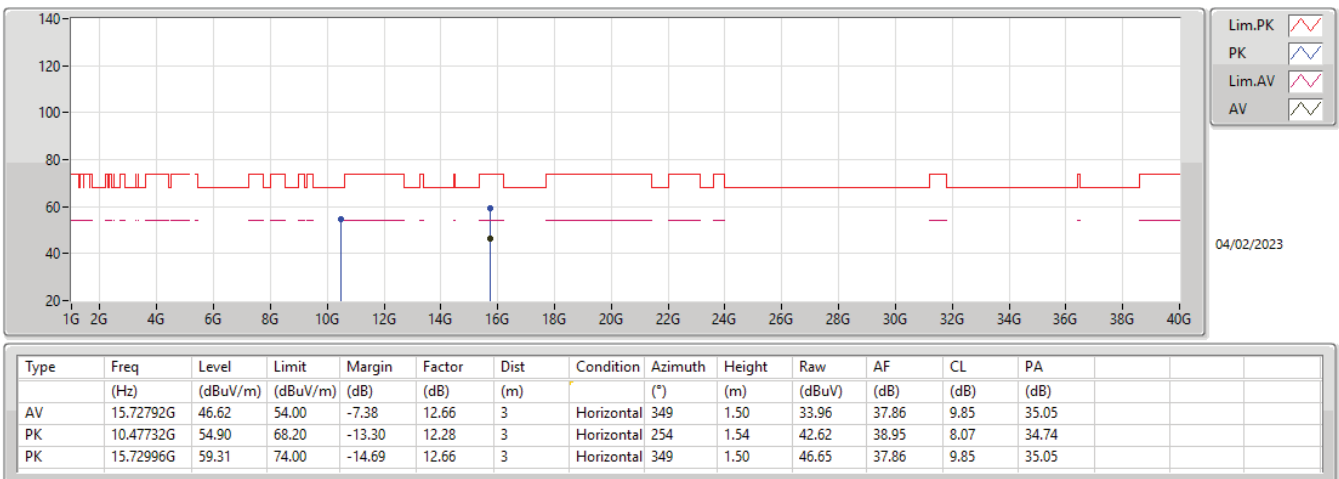
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX



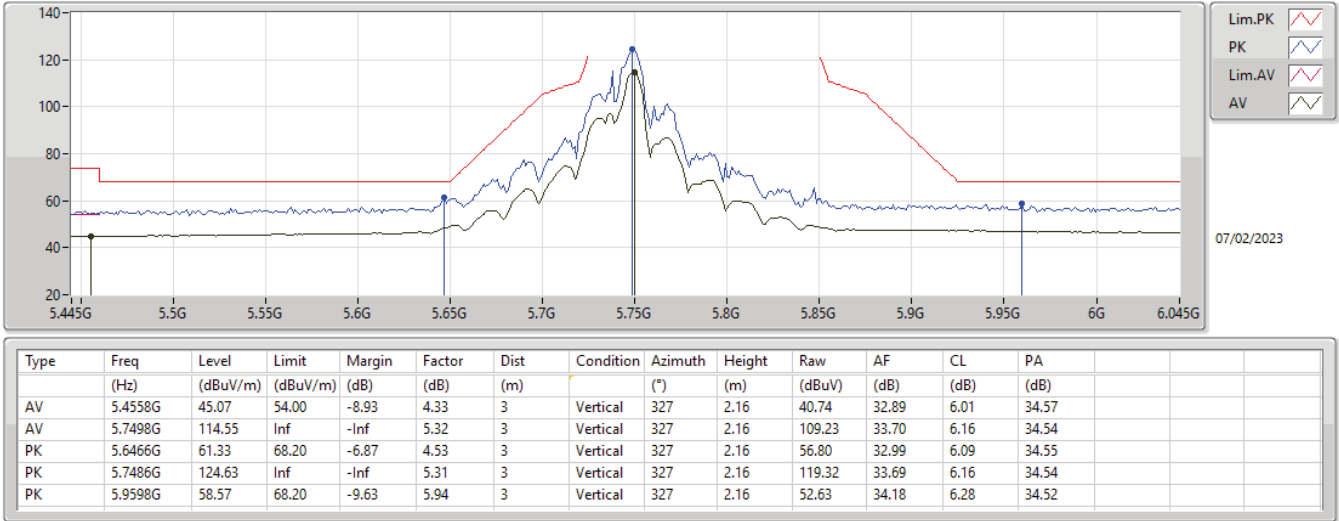
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX



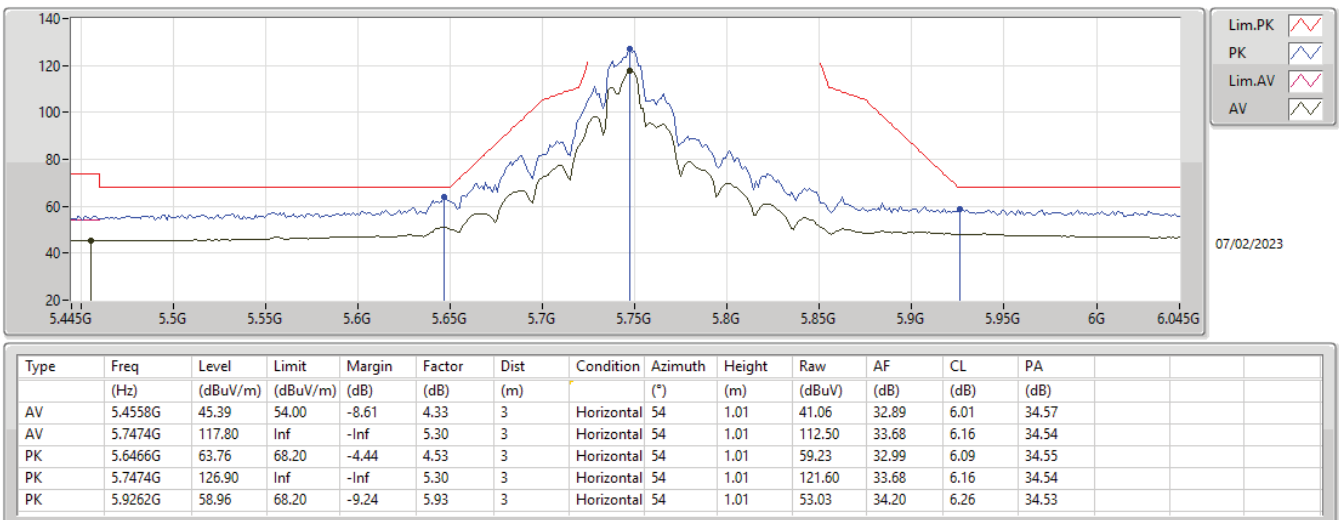
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX



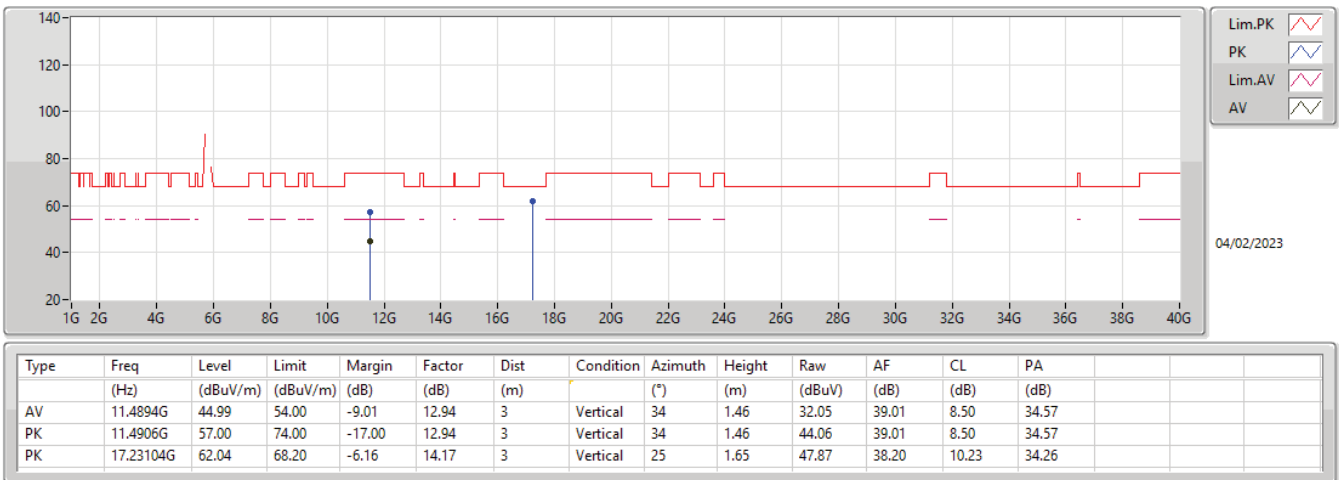
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX



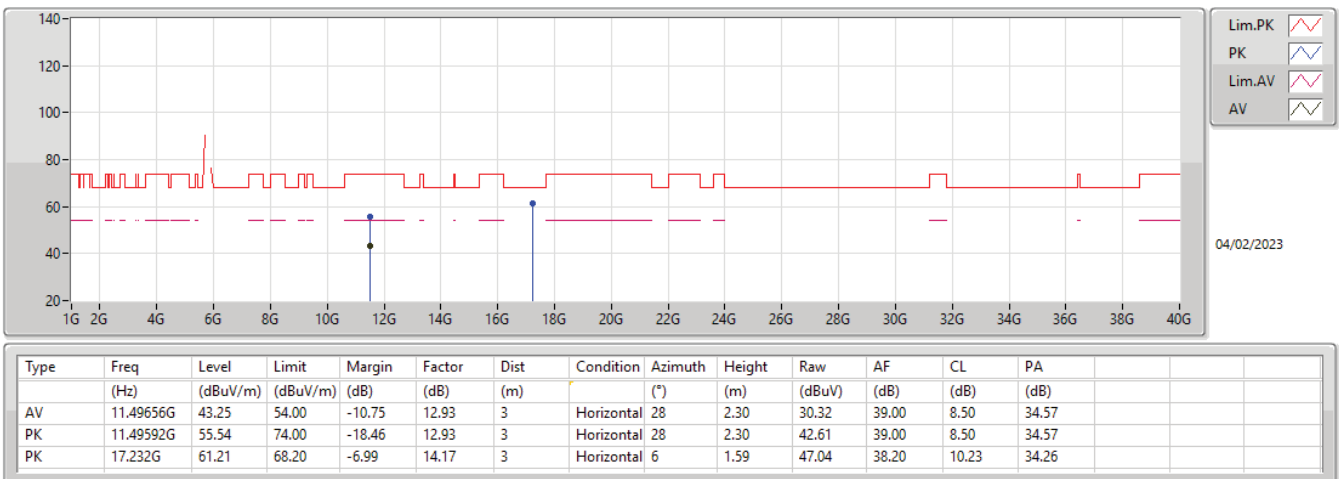
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX



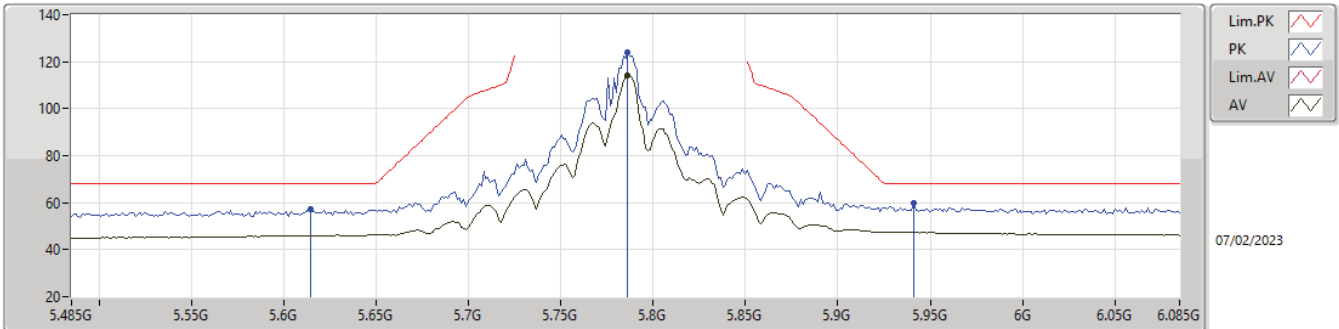
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX



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

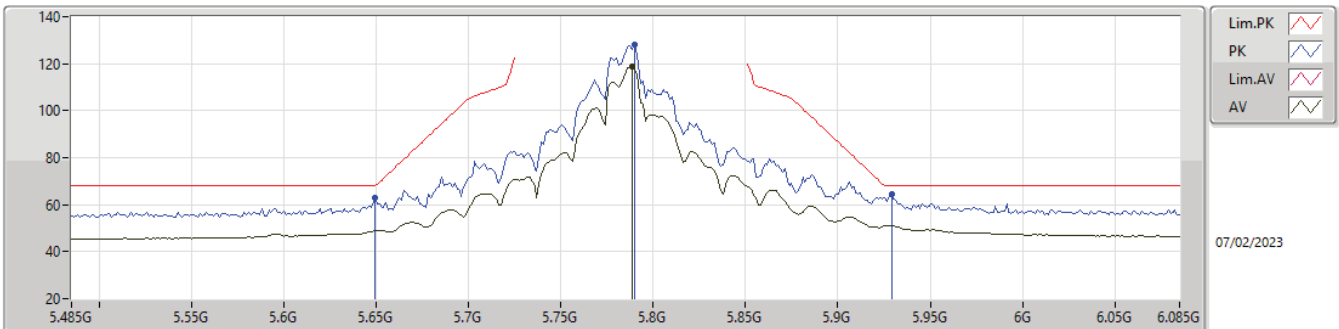
5785MHz_TX



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	5.7862G	113.90	Inf	-Inf	5.49	3	Vertical	291	1.85	108.41	33.84	6.19	34.54
PK	5.6146G	57.43	68.20	-10.77	4.45	3	Vertical	291	1.85	52.98	32.93	6.07	34.55
PK	5.7862G	123.90	Inf	-Inf	5.49	3	Vertical	291	1.85	118.41	33.84	6.19	34.54
PK	5.941G	59.77	68.20	-8.43	5.95	3	Vertical	291	1.85	53.82	34.20	6.27	34.52

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

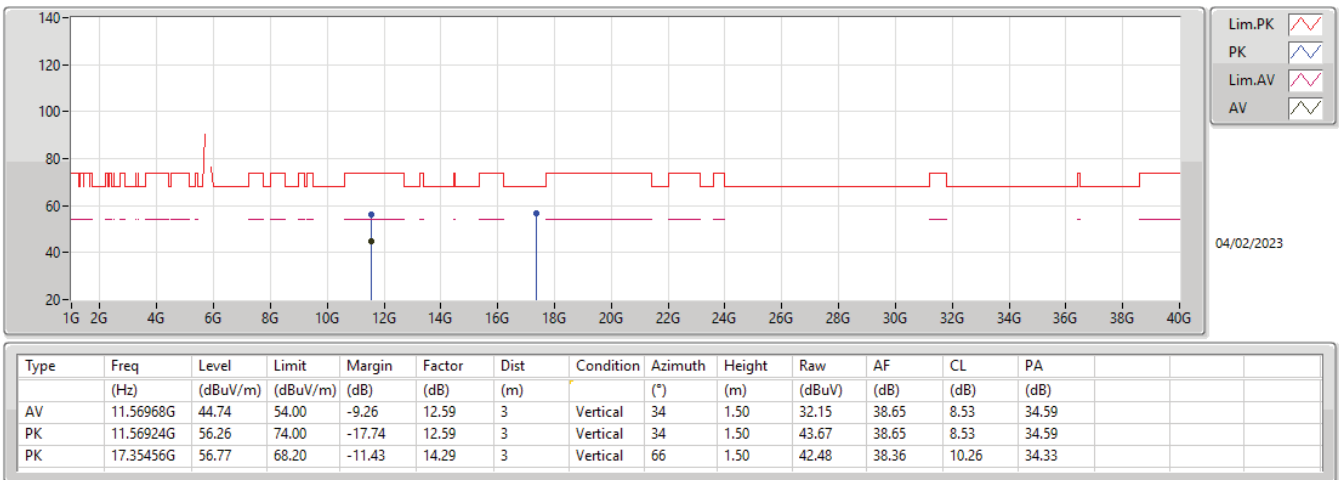
5785MHz_TX



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	5.7886G	118.55	Inf	-Inf	5.50	3	Horizontal	52	1.00	113.05	33.85	6.19	34.54
PK	5.6494G	62.71	68.20	-5.49	4.54	3	Horizontal	52	1.00	58.17	33.00	6.09	34.55
PK	5.7898G	128.09	Inf	-Inf	5.51	3	Horizontal	52	1.00	122.58	33.86	6.19	34.54
PK	5.929G	64.33	68.20	-3.87	5.93	3	Horizontal	52	1.00	58.40	34.20	6.26	34.53

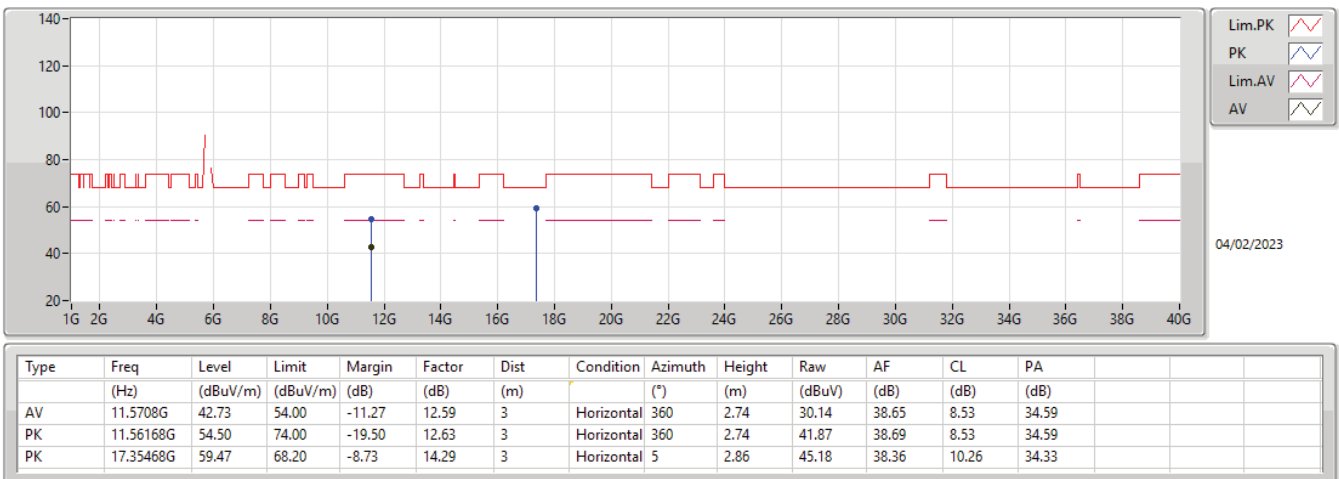
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX



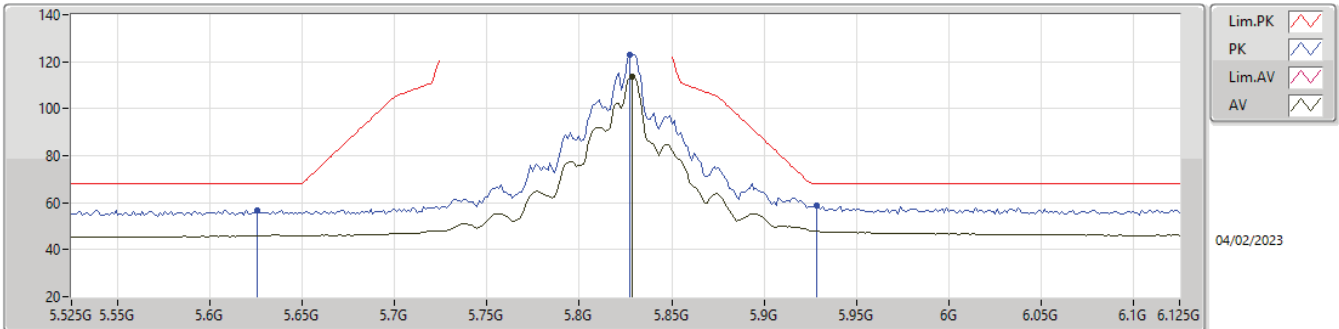
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX



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

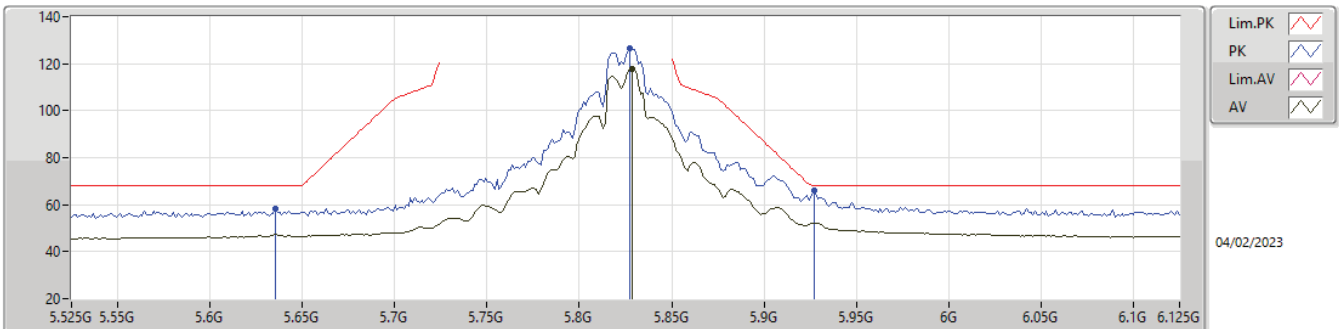
5825MHz_TX



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	5.8286G	113.57	Inf	-Inf	5.64	3	Vertical	341	1.91	107.93	33.96	6.21	34.53
PK	5.8258G	56.81	68.20	-11.39	4.48	3	Vertical	341	1.91	52.33	32.95	6.08	34.55
PK	5.8274G	123.11	Inf	-Inf	5.63	3	Vertical	341	1.91	117.48	33.95	6.21	34.53
PK	5.9282G	58.67	68.20	-9.53	5.93	3	Vertical	341	1.91	52.74	34.20	6.26	34.53

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

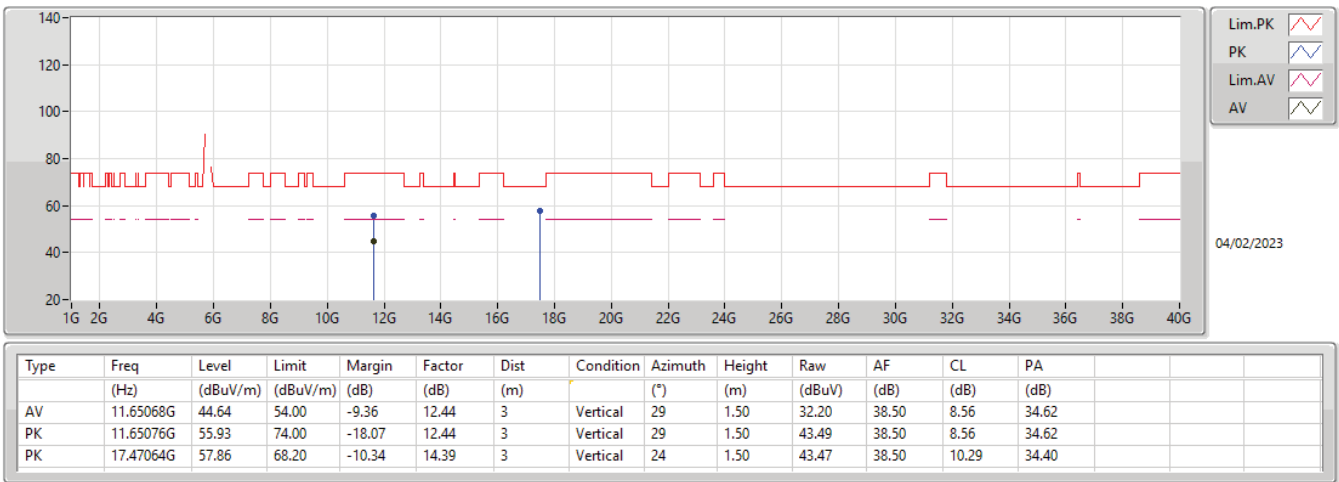
5825MHz_TX



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	5.8286G	117.66	Inf	-Inf	5.64	3	Horizontal	55	1.00	112.02	33.96	6.21	34.53
PK	5.6354G	58.13	68.20	-10.07	4.50	3	Horizontal	55	1.00	53.63	32.97	6.08	34.55
PK	5.8274G	126.74	Inf	-Inf	5.63	3	Horizontal	55	1.00	121.11	33.95	6.21	34.53
PK	5.927G	66.06	68.20	-2.14	5.93	3	Horizontal	55	1.00	60.13	34.20	6.26	34.53

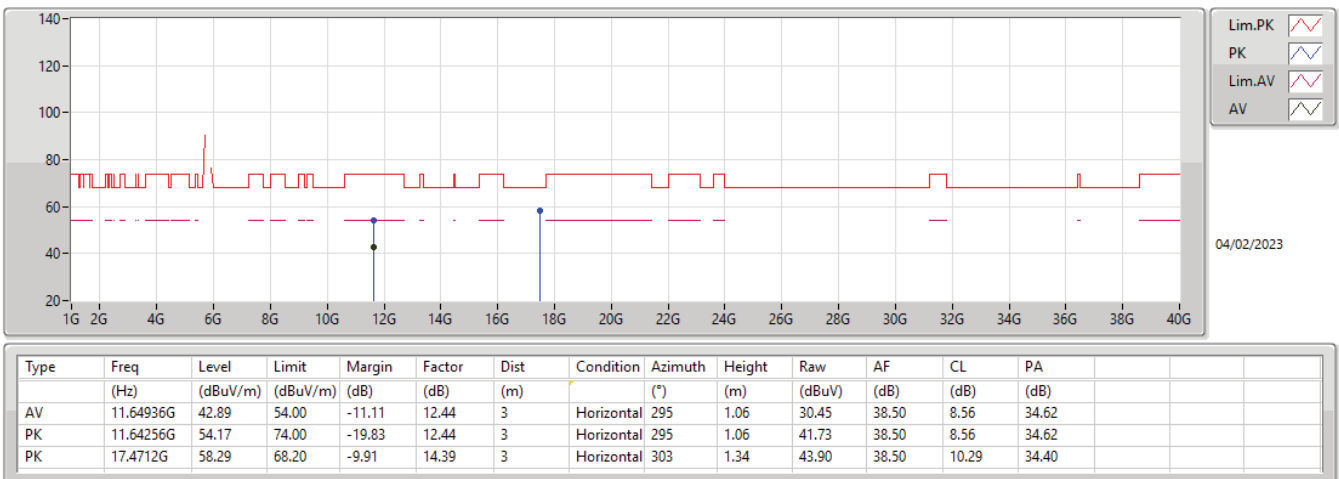
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX



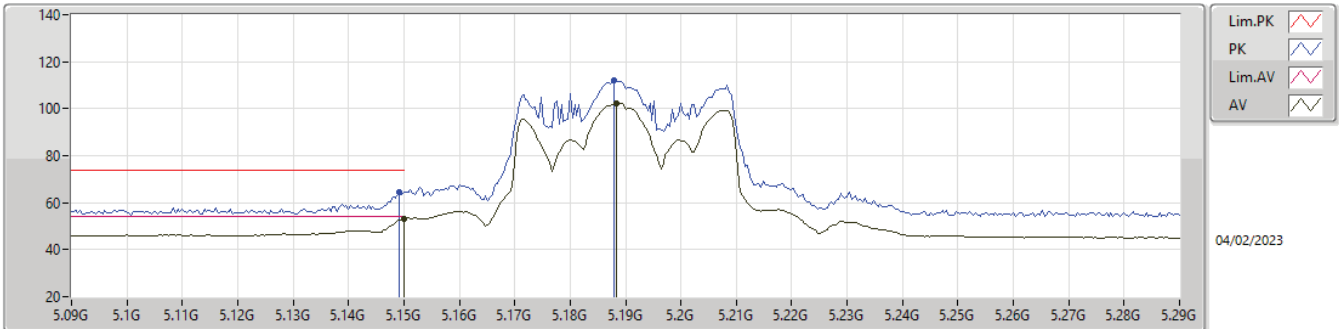
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

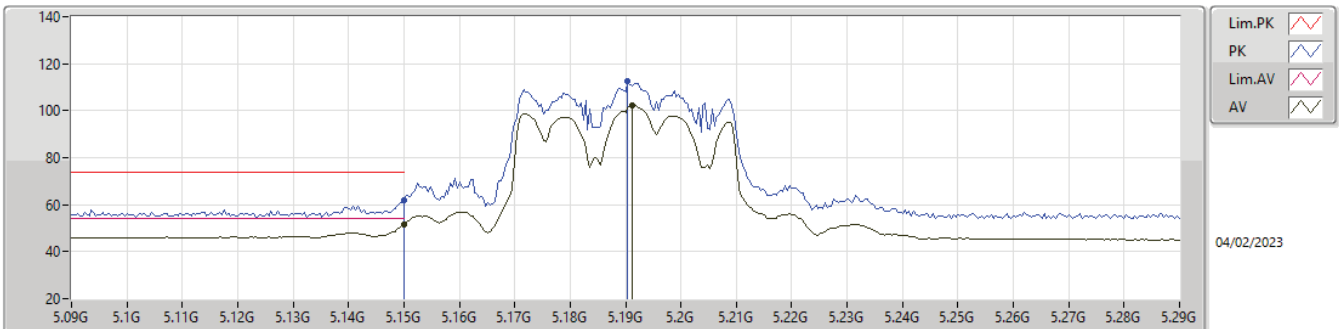
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.05	54.00	-0.95	4.24	3	Vertical	336	1.54	48.81	33.00	5.86	34.62
AV	5.1884G	102.23	Inf	-Inf	4.34	3	Vertical	336	1.54	97.89	33.08	5.87	34.61
PK	5.1492G	64.56	74.00	-9.44	4.24	3	Vertical	336	1.54	60.32	33.00	5.86	34.62
PK	5.188G	111.83	Inf	-Inf	4.34	3	Vertical	336	1.54	107.49	33.08	5.87	34.61

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

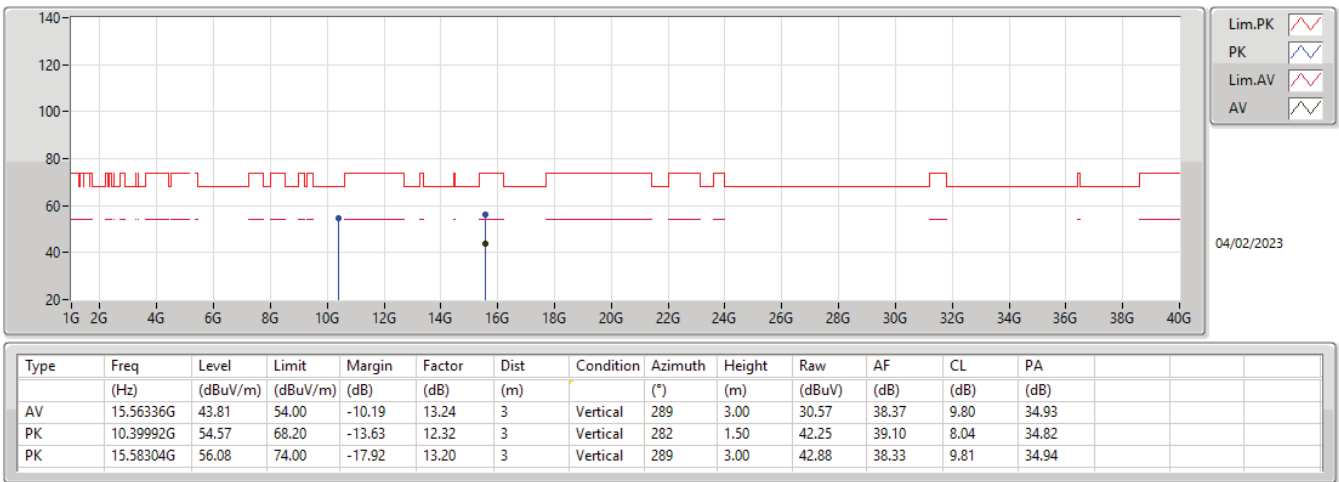
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.81	54.00	-2.19	4.24	3	Horizontal	2	1.67	47.57	33.00	5.86	34.62
AV	5.1912G	102.08	Inf	-Inf	4.35	3	Horizontal	2	1.67	97.73	33.08	5.88	34.61
PK	5.15G	62.00	74.00	-12.00	4.24	3	Horizontal	2	1.67	57.76	33.00	5.86	34.62
PK	5.1904G	112.52	Inf	-Inf	4.35	3	Horizontal	2	1.67	108.17	33.08	5.88	34.61

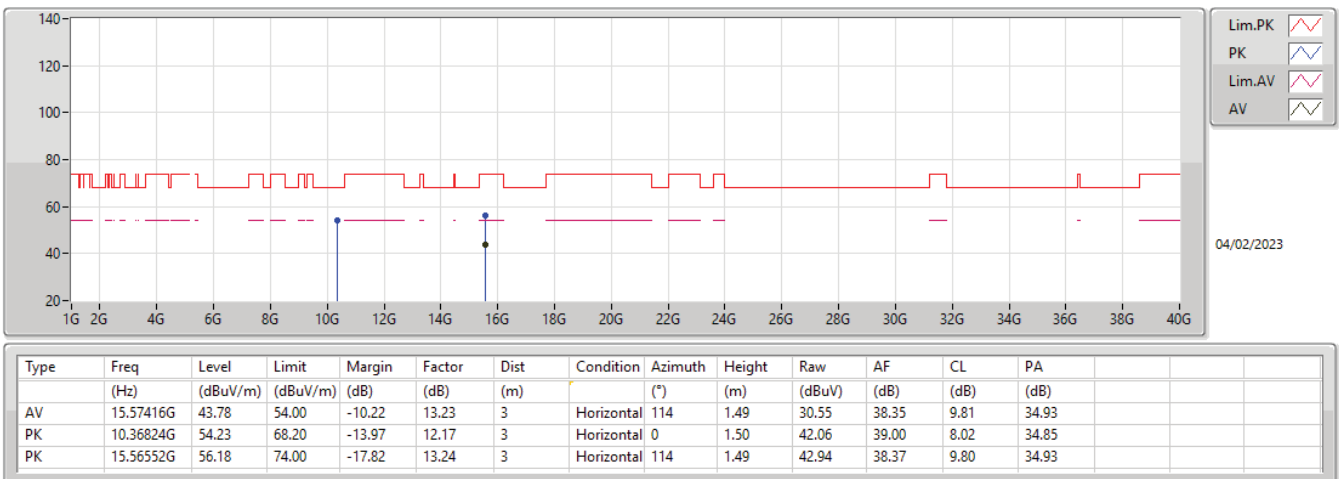
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX



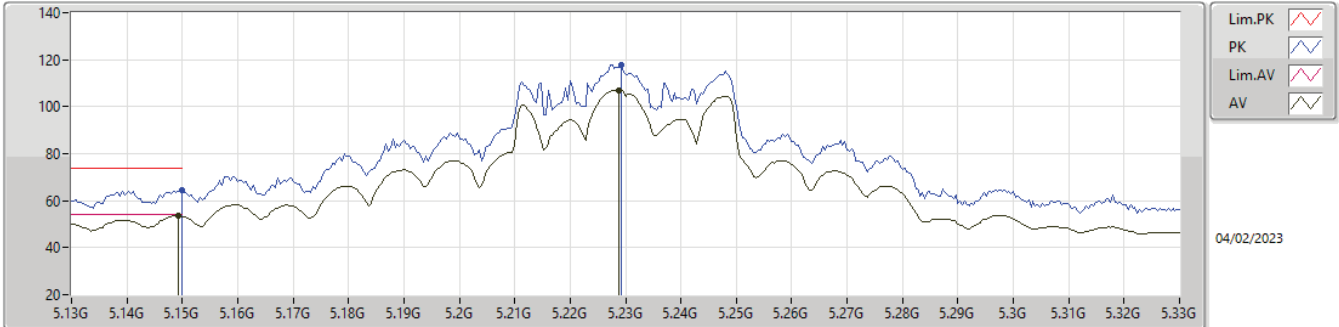
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

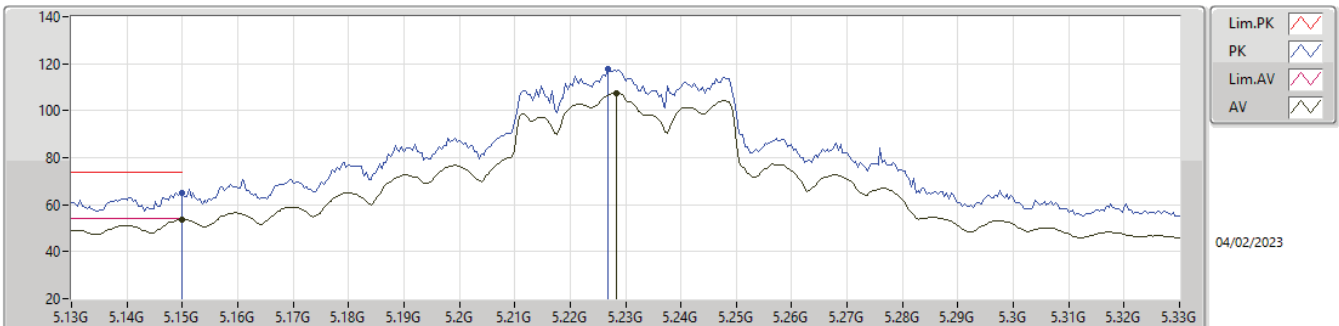
5230MHz_TX



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	5.1492G	53.78	54.00	-0.22	4.24	3	Vertical	336	1.56	49.54	33.00	5.86	34.62
AV	5.2288G	107.08	Inf	-Inf	4.40	3	Vertical	336	1.56	102.68	33.10	5.90	34.60
PK	5.15G	64.42	74.00	-9.58	4.24	3	Vertical	336	1.56	60.18	33.00	5.86	34.62
PK	5.2292G	117.97	Inf	-Inf	4.40	3	Vertical	336	1.56	113.57	33.10	5.90	34.60

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

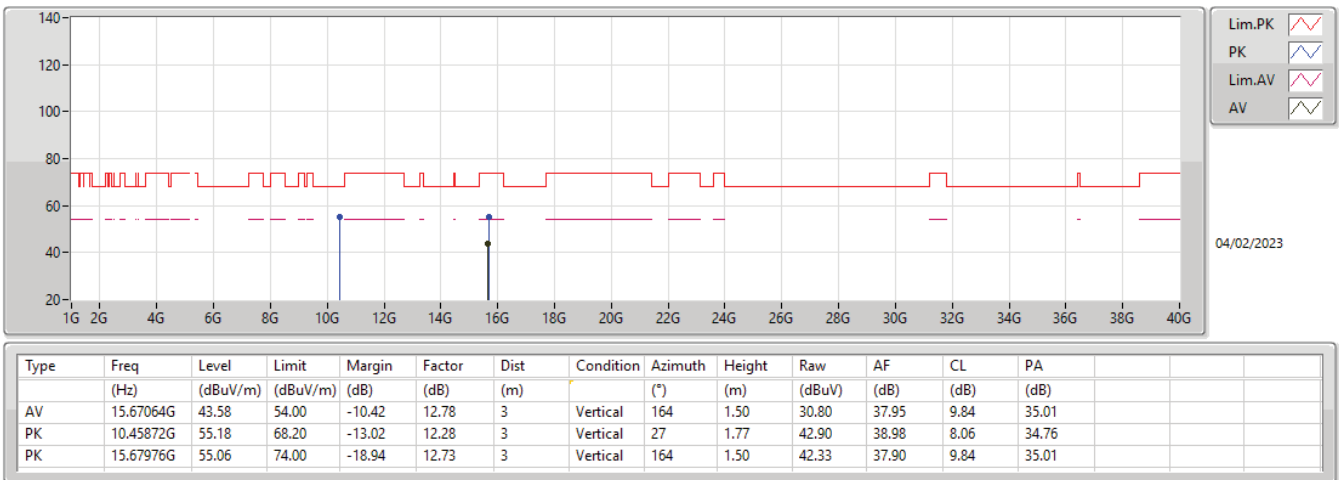
5230MHz_TX



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	5.15G	53.70	54.00	-0.30	4.24	3	Horizontal	341	1.48	49.46	33.00	5.86	34.62
AV	5.2284G	107.48	Inf	-Inf	4.40	3	Horizontal	341	1.48	103.08	33.10	5.90	34.60
PK	5.15G	65.21	74.00	-8.79	4.24	3	Horizontal	341	1.48	60.97	33.00	5.86	34.62
PK	5.2268G	117.54	Inf	-Inf	4.39	3	Horizontal	341	1.48	113.15	33.10	5.89	34.60

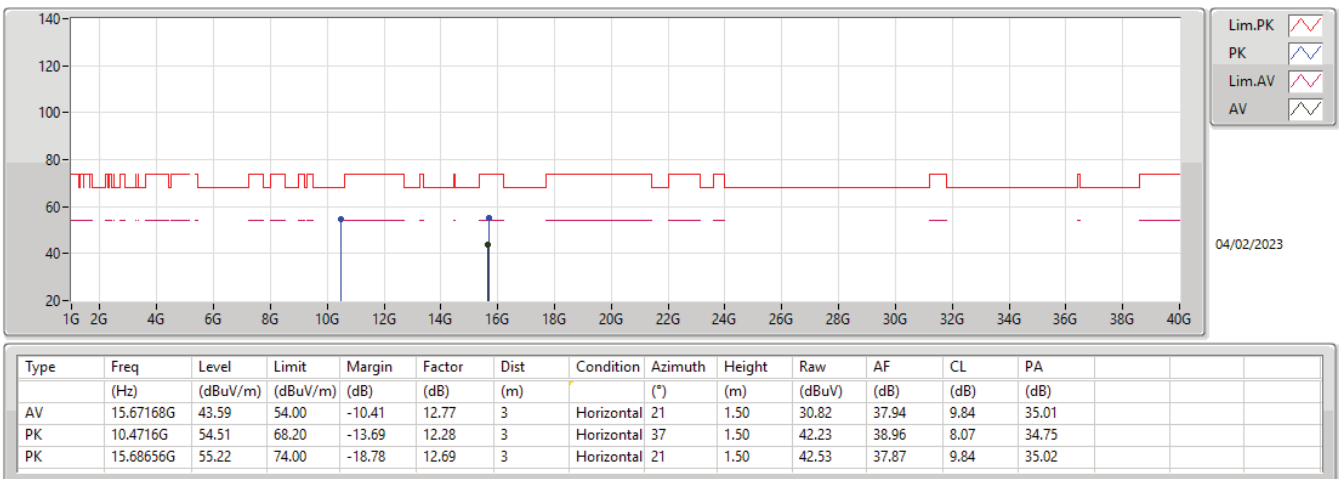
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX



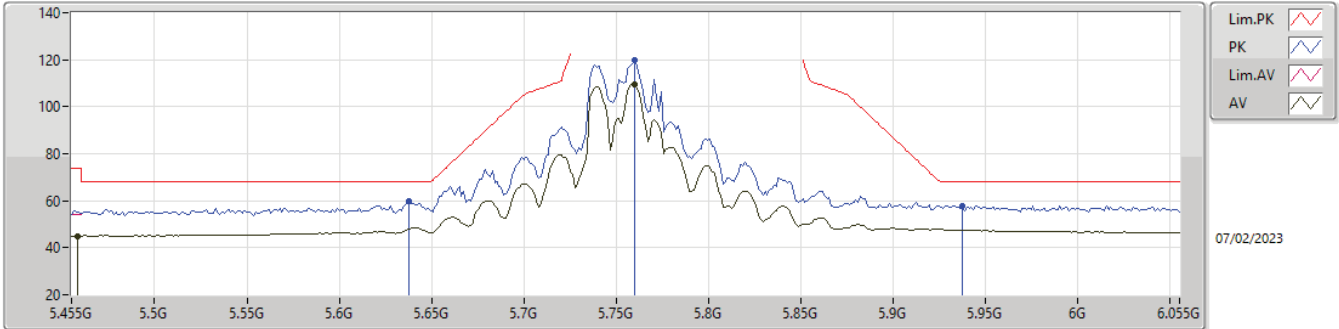
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX



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

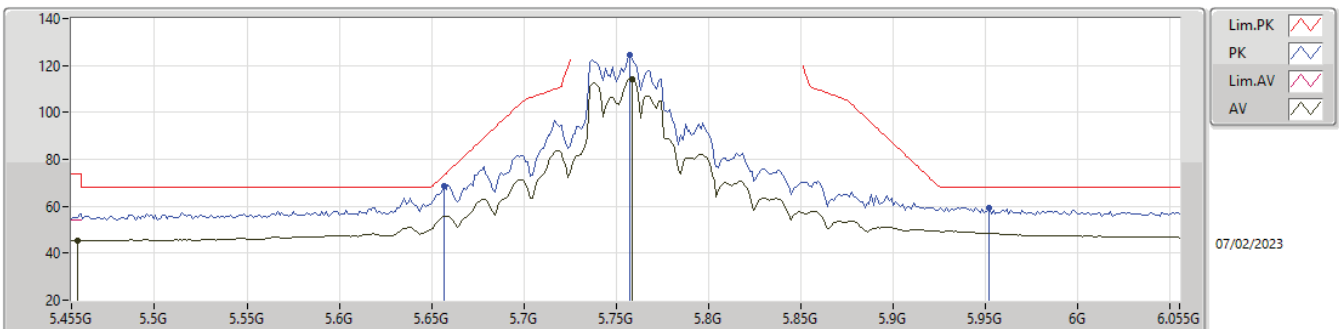
5755MHz_TX



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	44.98	54.00	-9.02	4.32	3	Vertical	328	2.17	40.66	32.88	6.01	34.57
AV	5.7598G	109.63	Inf	-Inf	5.37	3	Vertical	328	2.17	104.26	33.74	6.17	34.54
PK	5.6374G	59.95	68.20	-8.25	4.51	3	Vertical	328	2.17	55.44	32.97	6.09	34.55
PK	5.7598G	119.66	Inf	-Inf	5.37	3	Vertical	328	2.17	114.29	33.74	6.17	34.54
PK	5.9374G	57.84	68.20	-10.36	5.94	3	Vertical	328	2.17	51.90	34.20	6.27	34.53

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

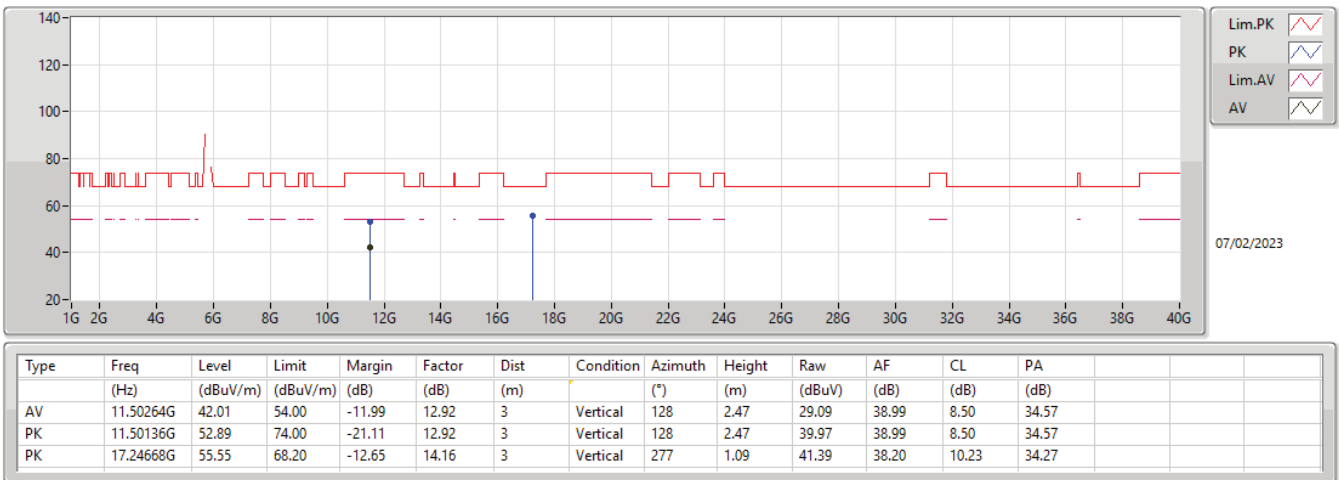
5755MHz_TX



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	45.41	54.00	-8.59	4.32	3	Horizontal	52	1.00	41.09	32.88	6.01	34.57
AV	5.7586G	114.23	Inf	-Inf	5.36	3	Horizontal	52	1.00	108.87	33.73	6.17	34.54
PK	5.6566G	68.49	73.08	-4.59	4.60	3	Horizontal	52	1.00	63.89	33.05	6.10	34.55
PK	5.7574G	124.37	Inf	-Inf	5.36	3	Horizontal	52	1.00	119.01	33.73	6.17	34.54
PK	5.9518G	59.50	68.20	-8.70	5.96	3	Horizontal	52	1.00	53.54	34.20	6.28	34.52

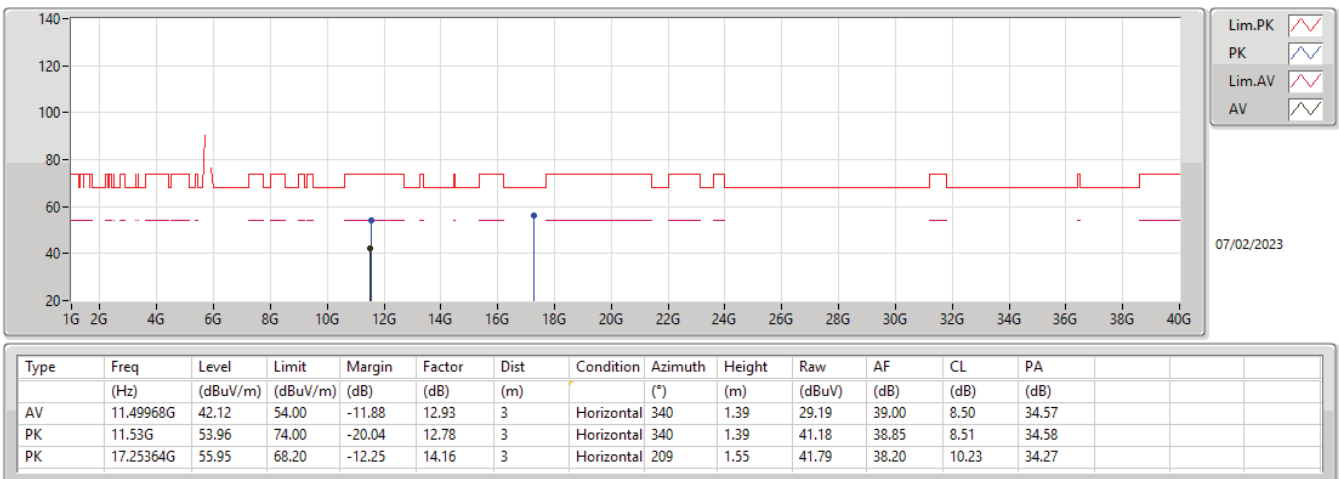
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX



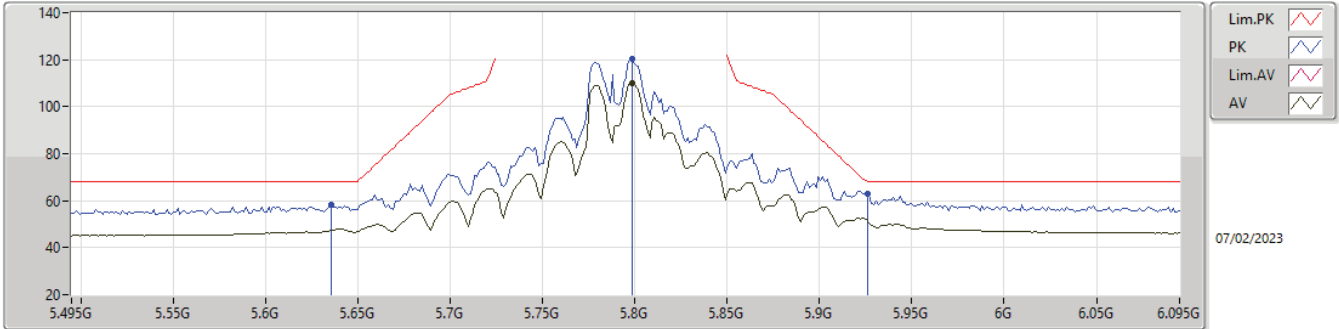
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX



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

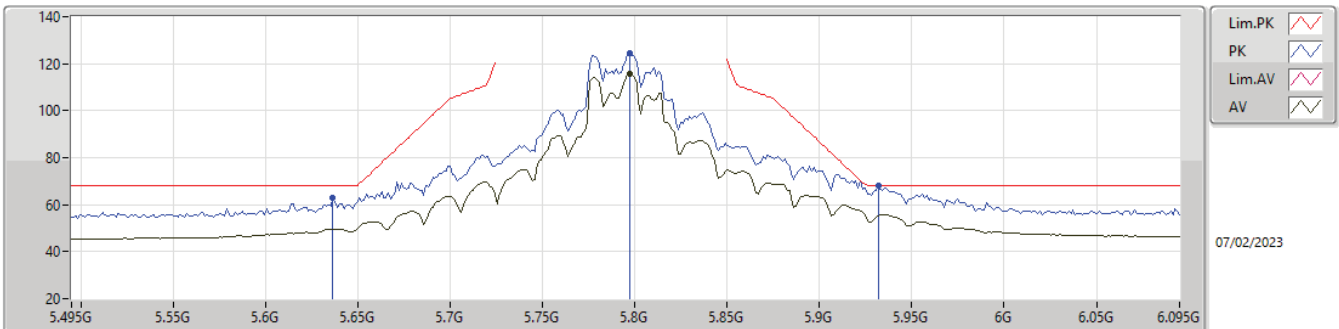
5795MHz_TX



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	5.7986G	110.22	Inf	-Inf	5.55	3	Vertical	329	2.12	104.67	33.89	6.20	34.54
PK	5.6354G	58.25	68.20	-9.95	4.50	3	Vertical	329	2.12	53.75	32.97	6.08	34.55
PK	5.7986G	120.12	Inf	-Inf	5.55	3	Vertical	329	2.12	114.57	33.89	6.20	34.54
PK	5.9258G	63.14	68.20	-5.06	5.93	3	Vertical	329	2.12	57.21	34.20	6.26	34.53

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

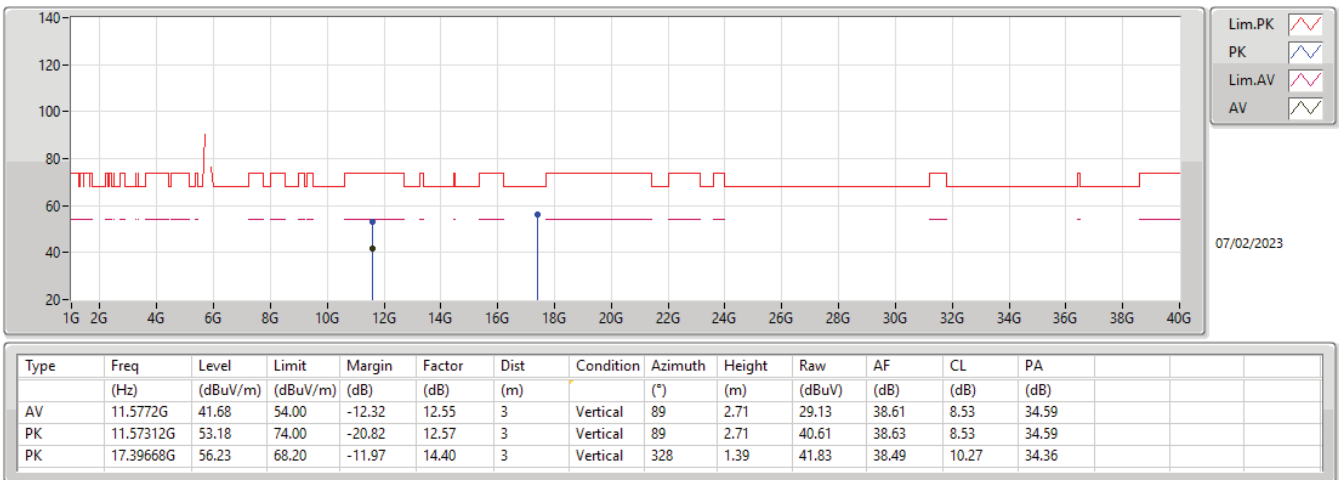
5795MHz_TX



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	5.7974G	115.74	Inf	-Inf	5.55	3	Horizontal	54	1.00	110.19	33.89	6.20	34.54
PK	5.6366G	63.09	68.20	-5.11	4.51	3	Horizontal	54	1.00	58.58	32.97	6.09	34.55
PK	5.7974G	124.30	Inf	-Inf	5.55	3	Horizontal	54	1.00	118.75	33.89	6.20	34.54
PK	5.9318G	67.91	68.20	-0.29	5.94	3	Horizontal	54	1.00	61.97	34.20	6.27	34.53

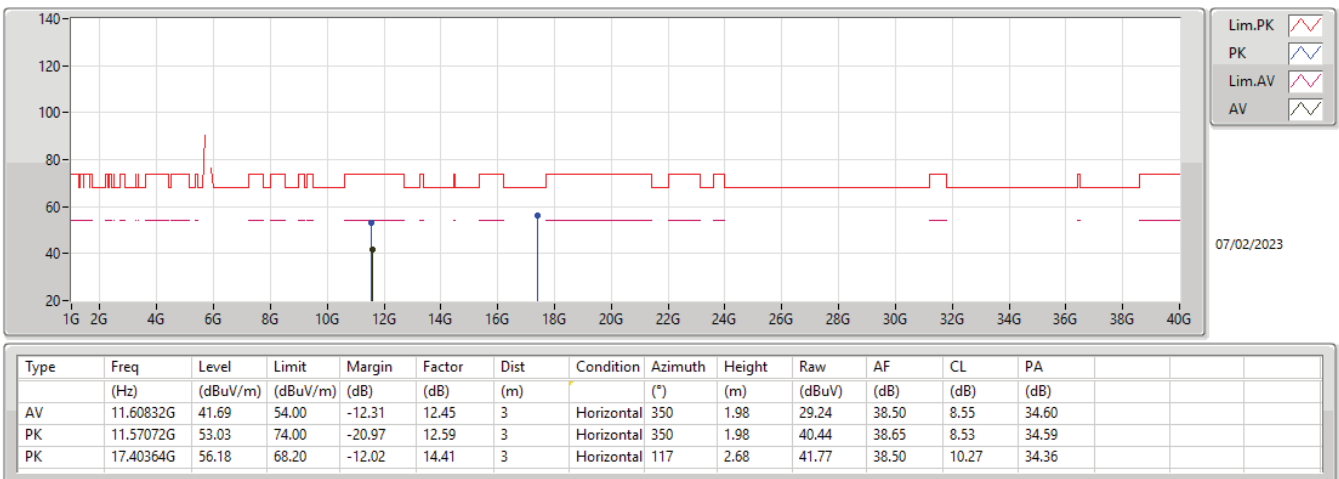
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX



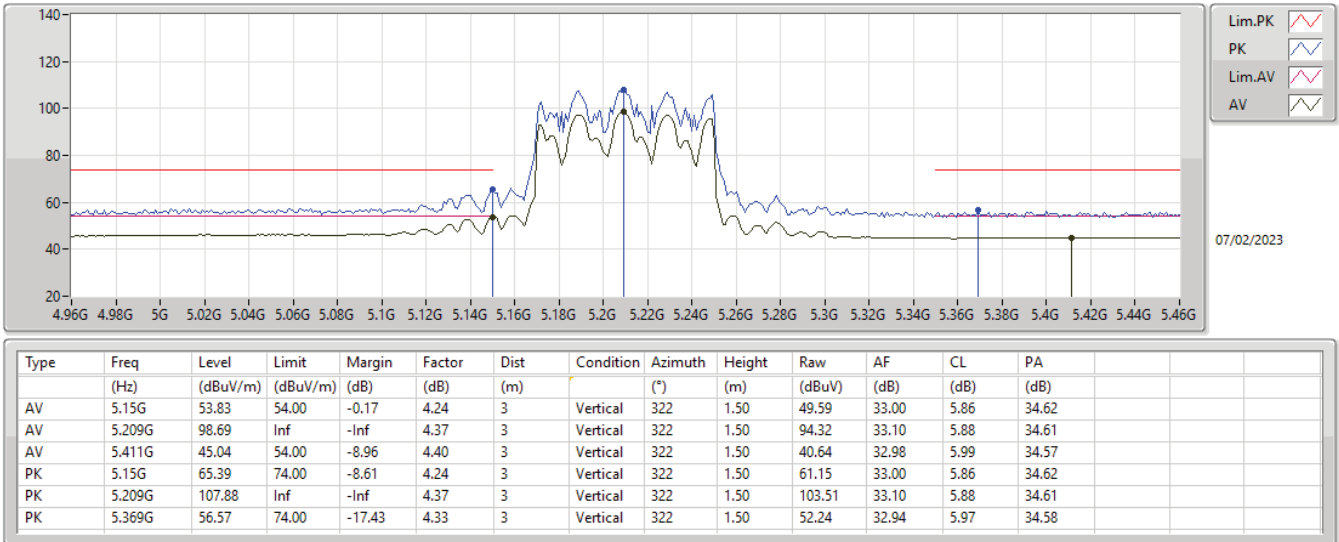
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5795MHz_TX



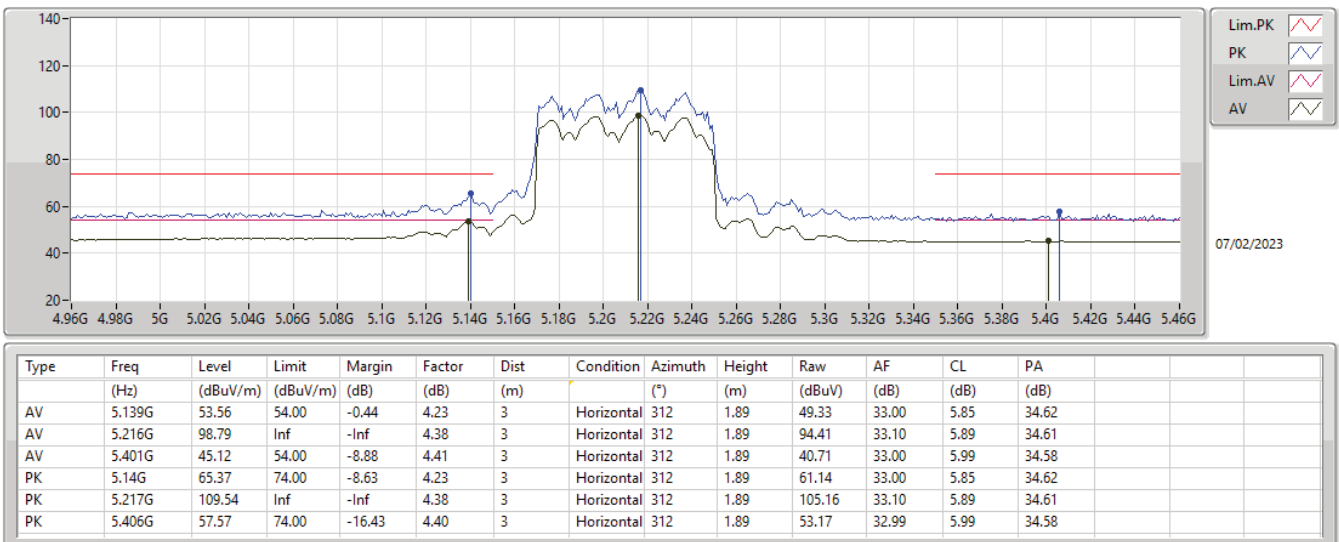
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX



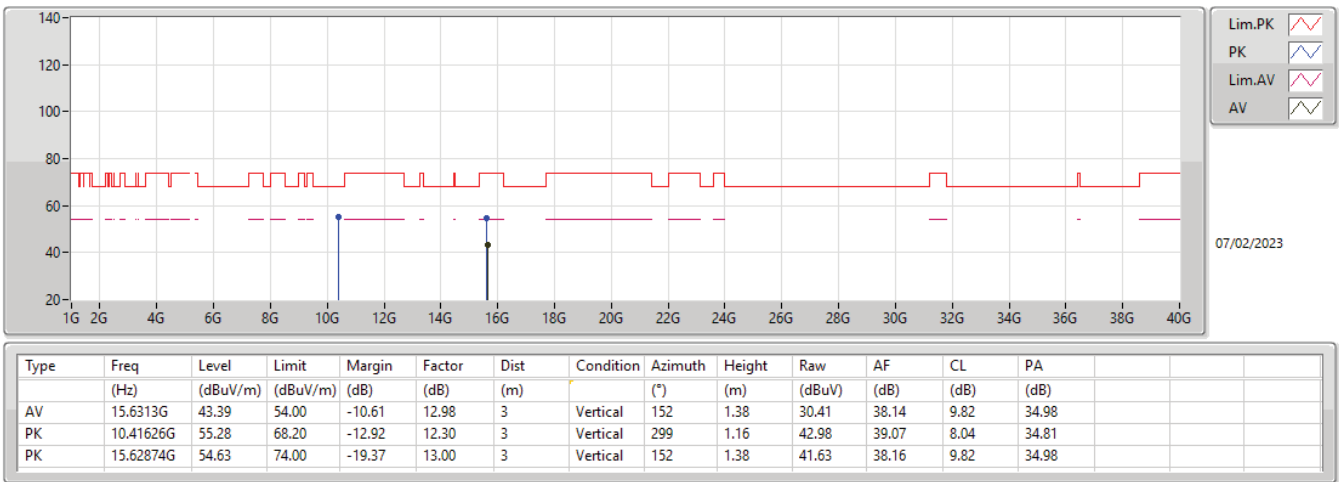
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX



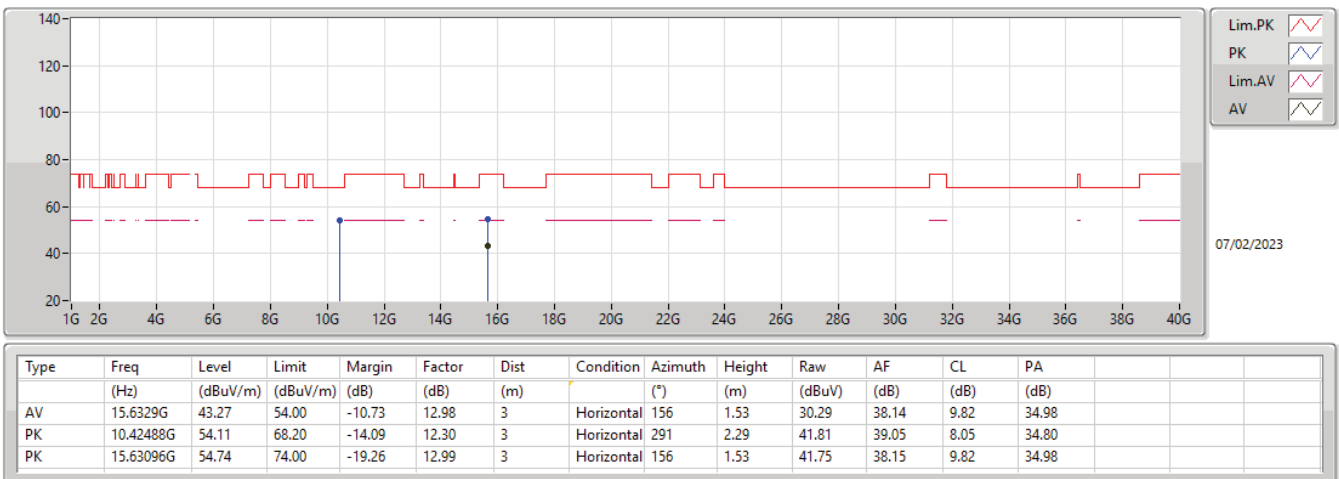
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX



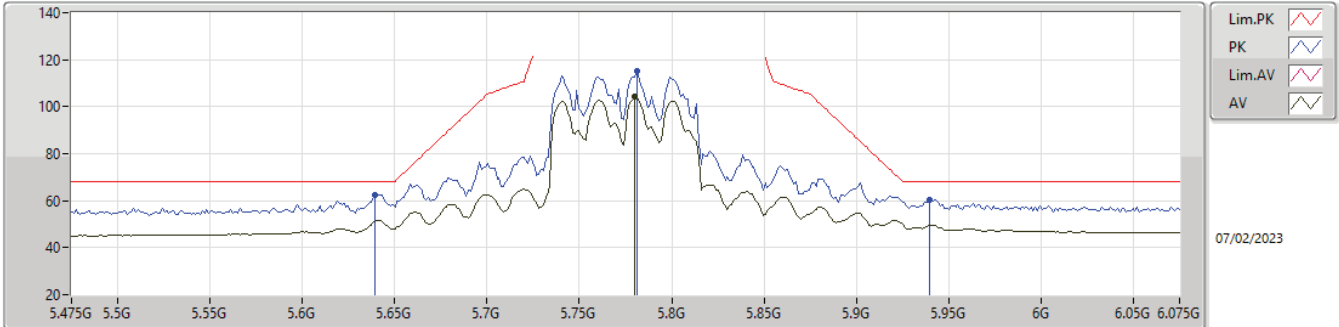
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX



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

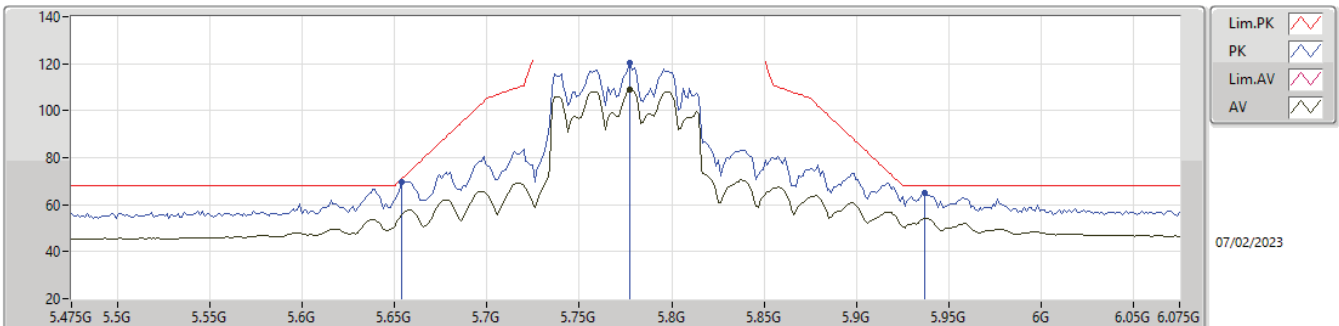
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)	(°)	(m)	(dBuV)	(dB)	(dB)	(dB)	(dB)
AV	5.7798G	104.07	Inf	-Inf	5.47	3	Vertical	357	2.04	98.60	33.82	6.19	34.54
PK	5.6394G	62.63	68.20	-5.57	4.52	3	Vertical	357	2.04	58.11	32.98	6.09	34.55
PK	5.781G	114.93	Inf	-Inf	5.47	3	Vertical	357	2.04	109.46	33.82	6.19	34.54
PK	5.9394G	60.47	68.20	-7.73	5.95	3	Vertical	357	2.04	54.52	34.20	6.27	34.52

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

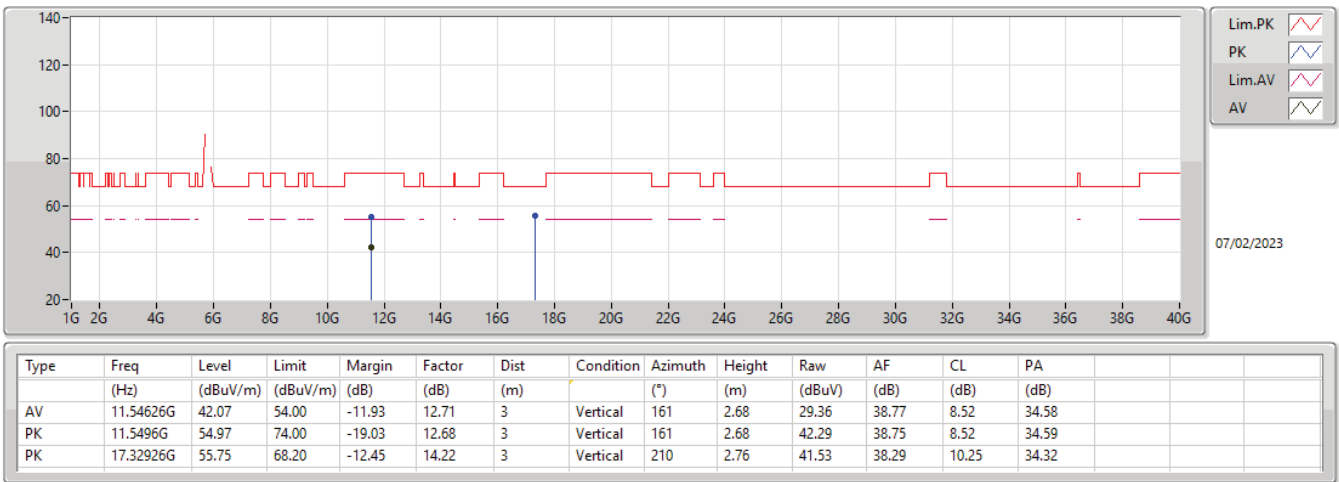
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)	(°)	(m)	(dBuV)	(dB)	(dB)	(dB)	(dB)
AV	5.7774G	108.91	Inf	-Inf	5.45	3	Horizontal	56	1.04	103.46	33.81	6.18	34.54
PK	5.6538G	69.47	71.01	-1.54	4.58	3	Horizontal	56	1.04	64.89	33.03	6.10	34.55
PK	5.7774G	120.14	Inf	-Inf	5.45	3	Horizontal	56	1.04	114.69	33.81	6.18	34.54
PK	5.937G	65.25	68.20	-2.95	5.94	3	Horizontal	56	1.04	59.31	34.20	6.27	34.53

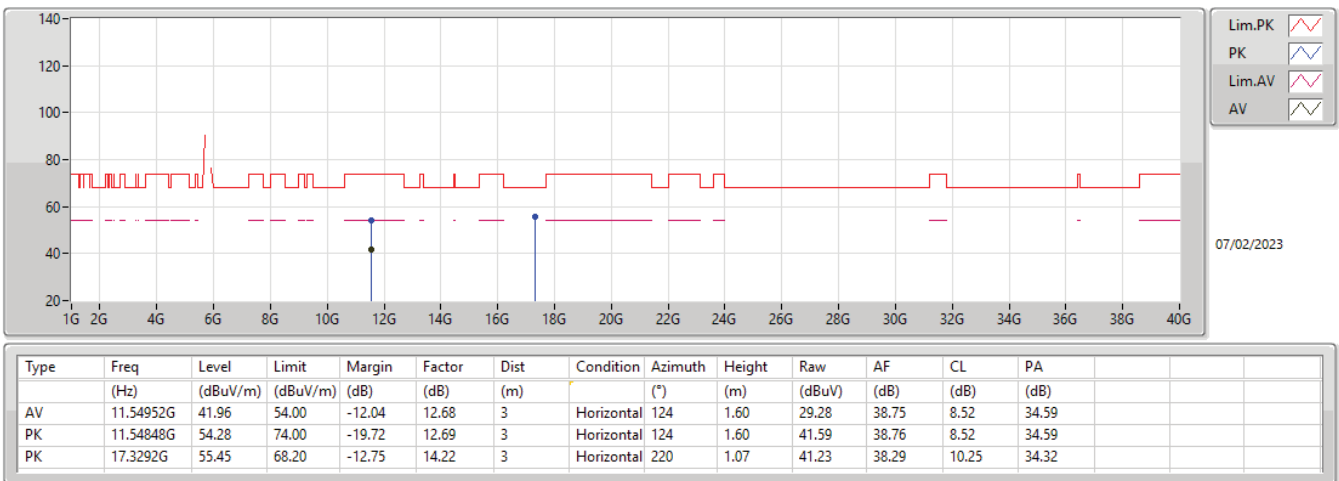
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX



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

5775MHz_TX



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	51.20	54.00	-2.80	3	Horizontal	57	1.07
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1496G	52.60	54.00	-1.40	3	Horizontal	58	1.08
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.147G	51.72	54.00	-2.28	3	Vertical	0	1.11
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.4498G	45.23	54.00	-8.77	3	Horizontal	292	1.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.9342G	63.08	68.20	-5.12	3	Horizontal	294	1.88
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	51.20	54.00	-2.80	3	Horizontal	57	1.07



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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	49.88	54.00	-4.12	3	Vertical	326	1.50
5180MHz	Pass	AV	5.1834G	107.96	Inf	-Inf	3	Vertical	326	1.50
5180MHz	Pass	PK	5.1454G	59.20	74.00	-14.80	3	Vertical	326	1.50
5180MHz	Pass	PK	5.1822G	117.61	Inf	-Inf	3	Vertical	326	1.50
5180MHz	Pass	AV	5.15G	51.20	54.00	-2.80	3	Horizontal	57	1.07
5180MHz	Pass	AV	5.1784G	110.84	Inf	-Inf	3	Horizontal	57	1.07
5180MHz	Pass	PK	5.15G	62.88	74.00	-11.12	3	Horizontal	57	1.07
5180MHz	Pass	PK	5.179G	120.84	Inf	-Inf	3	Horizontal	57	1.07
5180MHz	Pass	AV	15.549G	43.99	54.00	-10.01	3	Vertical	291	1.50
5180MHz	Pass	PK	10.3508G	54.37	68.20	-13.83	3	Vertical	19	1.50
5180MHz	Pass	PK	15.53104G	57.11	74.00	-16.89	3	Vertical	291	1.50
5180MHz	Pass	AV	15.5482G	43.90	54.00	-10.10	3	Horizontal	138	2.97
5180MHz	Pass	PK	10.36732G	54.27	68.20	-13.93	3	Horizontal	37	1.50
5180MHz	Pass	PK	15.54908G	55.67	74.00	-18.33	3	Horizontal	138	2.97
5200MHz	Pass	AV	5.15G	50.93	54.00	-3.07	3	Vertical	323	1.25
5200MHz	Pass	AV	5.1972G	112.26	Inf	-Inf	3	Vertical	323	1.25
5200MHz	Pass	PK	5.1472G	62.42	74.00	-11.58	3	Vertical	323	1.25
5200MHz	Pass	PK	5.1956G	122.22	Inf	-Inf	3	Vertical	323	1.25
5200MHz	Pass	AV	5.1496G	50.99	54.00	-3.01	3	Horizontal	50	1.88
5200MHz	Pass	AV	5.1976G	114.71	Inf	-Inf	3	Horizontal	50	1.88
5200MHz	Pass	PK	5.1492G	64.75	74.00	-9.25	3	Horizontal	50	1.88
5200MHz	Pass	PK	5.1976G	124.54	Inf	-Inf	3	Horizontal	50	1.88
5200MHz	Pass	AV	15.59926G	43.97	54.00	-10.03	3	Vertical	293	2.53
5200MHz	Pass	PK	10.40154G	55.18	68.20	-13.02	3	Vertical	144	1.23
5200MHz	Pass	PK	15.59806G	55.16	74.00	-18.84	3	Vertical	293	2.53
5200MHz	Pass	AV	15.60346G	43.84	54.00	-10.16	3	Horizontal	69	1.14
5200MHz	Pass	PK	10.39518G	54.96	68.20	-13.24	3	Horizontal	296	2.79
5200MHz	Pass	PK	15.59628G	55.69	74.00	-18.31	3	Horizontal	69	1.14
5240MHz	Pass	AV	5.0984G	47.30	54.00	-6.70	3	Vertical	356	1.17
5240MHz	Pass	AV	5.243G	114.32	Inf	-Inf	3	Vertical	356	1.17
5240MHz	Pass	AV	5.387G	45.61	54.00	-8.39	3	Vertical	356	1.17
5240MHz	Pass	PK	5.0984G	60.44	74.00	-13.56	3	Vertical	356	1.17
5240MHz	Pass	PK	5.2436G	123.81	Inf	-Inf	3	Vertical	356	1.17
5240MHz	Pass	PK	5.378G	57.27	74.00	-16.73	3	Vertical	356	1.17
5240MHz	Pass	AV	5.0972G	47.23	54.00	-6.77	3	Horizontal	360	1.41
5240MHz	Pass	AV	5.2358G	113.58	Inf	-Inf	3	Horizontal	360	1.41
5240MHz	Pass	AV	5.3816G	45.99	54.00	-8.01	3	Horizontal	360	1.41
5240MHz	Pass	PK	5.1014G	58.63	74.00	-15.37	3	Horizontal	360	1.41
5240MHz	Pass	PK	5.2424G	123.36	Inf	-Inf	3	Horizontal	360	1.41
5240MHz	Pass	PK	5.3864G	58.34	74.00	-15.66	3	Horizontal	360	1.41
5240MHz	Pass	AV	15.71616G	43.49	54.00	-10.51	3	Vertical	9	2.39
5240MHz	Pass	PK	10.4878G	54.37	68.20	-13.83	3	Vertical	10	1.36
5240MHz	Pass	PK	15.71008G	55.18	74.00	-18.82	3	Vertical	9	2.39
5240MHz	Pass	AV	15.71028G	43.65	54.00	-10.35	3	Horizontal	10	2.97
5240MHz	Pass	PK	10.4748G	53.89	68.20	-14.31	3	Horizontal	2	1.50
5240MHz	Pass	PK	15.71088G	55.13	74.00	-18.87	3	Horizontal	10	2.97
5745MHz	Pass	AV	5.4558G	45.08	54.00	-8.92	3	Vertical	340	2.91
5745MHz	Pass	AV	5.7366G	101.17	Inf	-Inf	3	Vertical	340	2.91
5745MHz	Pass	PK	5.5962G	57.69	68.20	-10.51	3	Vertical	340	2.91
5745MHz	Pass	PK	5.7378G	110.11	Inf	-Inf	3	Vertical	340	2.91
5745MHz	Pass	PK	5.931G	58.23	68.20	-9.97	3	Vertical	340	2.91
5745MHz	Pass	AV	5.4498G	45.23	54.00	-8.77	3	Horizontal	292	1.77
5745MHz	Pass	AV	5.7378G	112.01	Inf	-Inf	3	Horizontal	292	1.77
5745MHz	Pass	PK	5.5782G	56.84	68.20	-11.36	3	Horizontal	292	1.77
5745MHz	Pass	PK	5.7522G	117.96	Inf	-Inf	3	Horizontal	292	1.77
5745MHz	Pass	PK	5.9658G	58.47	68.20	-9.73	3	Horizontal	292	1.77
5745MHz	Pass	AV	11.48068G	42.53	54.00	-11.47	3	Vertical	146	1.92
5745MHz	Pass	PK	11.48504G	54.11	74.00	-19.89	3	Vertical	146	1.92
5745MHz	Pass	PK	17.23448G	55.74	68.20	-12.46	3	Vertical	281	1.71
5745MHz	Pass	AV	11.4994G	42.49	54.00	-11.51	3	Horizontal	279	2.42



RSE TX above 1GHz_Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	PK	11.48328G	54.27	74.00	-19.73	3	Horizontal	279	2.42
5745MHz	Pass	PK	17.2426G	56.41	68.20	-11.79	3	Horizontal	330	2.39
5785MHz	Pass	AV	5.779G	98.64	Inf	-Inf	3	Vertical	20	1.49
5785MHz	Pass	PK	5.6182G	57.44	68.20	-10.76	3	Vertical	20	1.49
5785MHz	Pass	PK	5.779G	108.31	Inf	-Inf	3	Vertical	20	1.49
5785MHz	Pass	PK	6.0034G	57.74	68.20	-10.46	3	Vertical	20	1.49
5785MHz	Pass	AV	5.7922G	108.23	Inf	-Inf	3	Horizontal	50	2.63
5785MHz	Pass	PK	5.611G	57.79	68.20	-10.41	3	Horizontal	50	2.63
5785MHz	Pass	PK	5.7814G	113.83	Inf	-Inf	3	Horizontal	50	2.63
5785MHz	Pass	PK	5.929G	58.10	68.20	-10.10	3	Horizontal	50	2.63
5785MHz	Pass	AV	11.56284G	42.22	54.00	-11.78	3	Vertical	236	2.04
5785MHz	Pass	PK	11.56508G	53.36	74.00	-20.64	3	Vertical	236	2.04
5785MHz	Pass	PK	17.34624G	56.65	68.20	-11.55	3	Vertical	160	2.34
5785MHz	Pass	AV	11.56604G	42.18	54.00	-11.82	3	Horizontal	340	2.81
5785MHz	Pass	PK	11.56688G	53.78	74.00	-20.22	3	Horizontal	340	2.81
5785MHz	Pass	PK	17.35108G	56.99	68.20	-11.21	3	Horizontal	327	1.52
5825MHz	Pass	AV	5.8226G	111.49	Inf	-Inf	3	Vertical	308	1.94
5825MHz	Pass	PK	5.6234G	57.62	68.20	-10.58	3	Vertical	308	1.94
5825MHz	Pass	PK	5.8226G	122.30	Inf	-Inf	3	Vertical	308	1.94
5825MHz	Pass	PK	5.9294G	58.05	68.20	-10.15	3	Vertical	308	1.94
5825MHz	Pass	AV	5.831G	114.78	Inf	-Inf	3	Horizontal	62	1.97
5825MHz	Pass	PK	5.6354G	57.60	68.20	-10.60	3	Horizontal	62	1.97
5825MHz	Pass	PK	5.8298G	124.27	Inf	-Inf	3	Horizontal	62	1.97
5825MHz	Pass	PK	5.9558G	58.95	68.20	-9.25	3	Horizontal	62	1.97
5825MHz	Pass	AV	11.65948G	42.23	54.00	-11.77	3	Vertical	325	1.50
5825MHz	Pass	PK	11.64788G	53.62	74.00	-20.38	3	Vertical	325	1.50
5825MHz	Pass	PK	17.47176G	56.04	68.20	-12.16	3	Vertical	67	1.84
5825MHz	Pass	AV	11.6474G	42.13	54.00	-11.87	3	Horizontal	284	3.00
5825MHz	Pass	PK	11.64468G	53.94	74.00	-20.06	3	Horizontal	284	3.00
5825MHz	Pass	PK	17.47884G	56.19	68.20	-12.01	3	Horizontal	128	2.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	48.00	54.00	-6.00	3	Vertical	325	2.42
5190MHz	Pass	AV	5.1972G	107.57	Inf	-Inf	3	Vertical	325	2.42
5190MHz	Pass	PK	5.1388G	62.39	74.00	-11.61	3	Vertical	325	2.42
5190MHz	Pass	PK	5.1984G	118.76	Inf	-Inf	3	Vertical	325	2.42
5190MHz	Pass	AV	5.1496G	52.60	54.00	-1.40	3	Horizontal	58	1.08
5190MHz	Pass	AV	5.1816G	108.02	Inf	-Inf	3	Horizontal	58	1.08
5190MHz	Pass	PK	5.15G	64.01	74.00	-9.99	3	Horizontal	58	1.08
5190MHz	Pass	PK	5.182G	119.20	Inf	-Inf	3	Horizontal	58	1.08
5190MHz	Pass	AV	15.56368G	43.88	54.00	-10.12	3	Vertical	202	2.30
5190MHz	Pass	PK	10.36528G	53.42	68.20	-14.78	3	Vertical	147	1.16
5190MHz	Pass	PK	15.56968G	55.38	74.00	-18.62	3	Vertical	202	2.30
5190MHz	Pass	AV	15.57224G	44.00	54.00	-10.00	3	Horizontal	114	1.11
5190MHz	Pass	PK	10.39192G	54.13	68.20	-14.07	3	Horizontal	54	1.53
5190MHz	Pass	PK	15.56328G	55.29	74.00	-18.71	3	Horizontal	114	1.11
5230MHz	Pass	AV	5.1492G	50.89	54.00	-3.11	3	Vertical	322	1.24
5230MHz	Pass	AV	5.2344G	109.98	Inf	-Inf	3	Vertical	322	1.24
5230MHz	Pass	PK	5.1468G	65.80	74.00	-8.20	3	Vertical	322	1.24
5230MHz	Pass	PK	5.2344G	119.91	Inf	-Inf	3	Vertical	322	1.24
5230MHz	Pass	AV	5.15G	52.47	54.00	-1.53	3	Horizontal	68	1.55
5230MHz	Pass	AV	5.2204G	111.74	Inf	-Inf	3	Horizontal	68	1.55
5230MHz	Pass	PK	5.1468G	63.93	74.00	-10.07	3	Horizontal	68	1.55
5230MHz	Pass	PK	5.2212G	122.02	Inf	-Inf	3	Horizontal	68	1.55
5230MHz	Pass	AV	15.67128G	43.99	54.00	-10.01	3	Vertical	202	1.61
5230MHz	Pass	PK	10.46752G	53.84	68.20	-14.36	3	Vertical	182	1.24
5230MHz	Pass	PK	15.68408G	55.40	74.00	-18.60	3	Vertical	202	1.61
5230MHz	Pass	AV	15.6728G	43.64	54.00	-10.36	3	Horizontal	87	2.02
5230MHz	Pass	PK	10.44696G	54.35	68.20	-13.85	3	Horizontal	86	1.84
5230MHz	Pass	PK	15.70032G	55.68	74.00	-18.32	3	Horizontal	87	2.02
5755MHz	Pass	AV	5.4574G	45.15	54.00	-8.85	3	Vertical	319	2.11
5755MHz	Pass	AV	5.7682G	108.40	Inf	-Inf	3	Vertical	319	2.11
5755MHz	Pass	PK	5.6014G	57.36	68.20	-10.84	3	Vertical	319	2.11



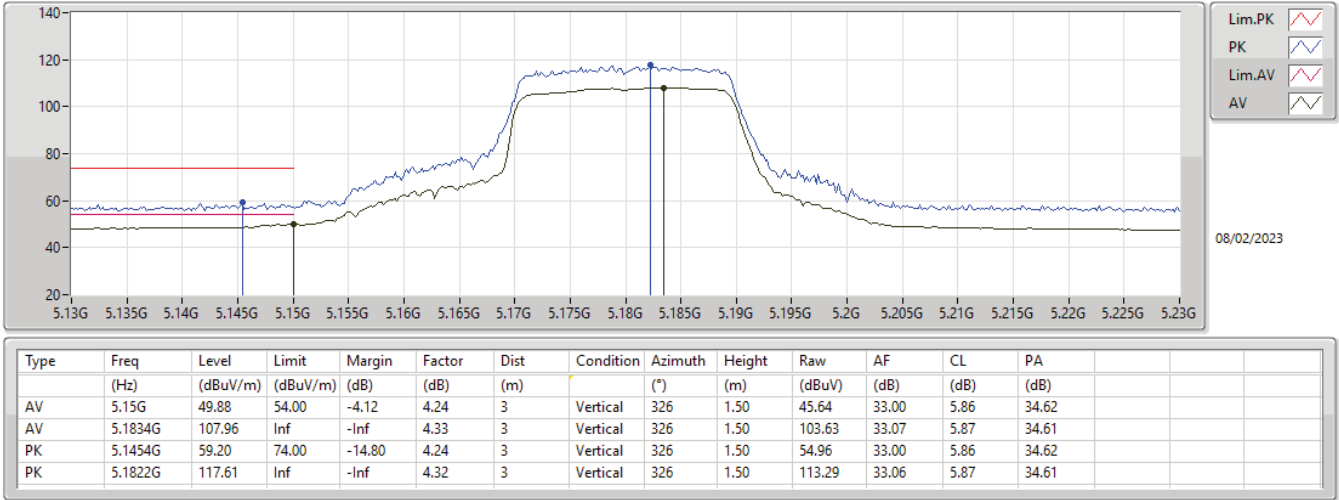
RSE TX above 1GHz_Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5755MHz	Pass	PK	5.7682G	118.51	Inf	-Inf	3	Vertical	319	2.11
5755MHz	Pass	PK	5.935G	59.80	68.20	-8.40	3	Vertical	319	2.11
5755MHz	Pass	AV	5.455G	45.50	54.00	-8.50	3	Horizontal	60	2.00
5755MHz	Pass	AV	5.7538G	112.26	Inf	-Inf	3	Horizontal	60	2.00
5755MHz	Pass	PK	5.6494G	61.67	68.20	-6.53	3	Horizontal	60	2.00
5755MHz	Pass	PK	5.7562G	122.52	Inf	-Inf	3	Horizontal	60	2.00
5755MHz	Pass	PK	5.9374G	58.94	68.20	-9.26	3	Horizontal	60	2.00
5755MHz	Pass	AV	11.50344G	42.61	54.00	-11.39	3	Vertical	197	1.50
5755MHz	Pass	PK	11.51672G	55.76	74.00	-18.24	3	Vertical	197	1.50
5755MHz	Pass	PK	17.27388G	56.39	68.20	-11.81	3	Vertical	332	2.28
5755MHz	Pass	AV	11.4932G	42.61	54.00	-11.39	3	Horizontal	360	3.00
5755MHz	Pass	PK	11.50464G	53.93	74.00	-20.07	3	Horizontal	360	3.00
5755MHz	Pass	PK	17.25508G	56.47	68.20	-11.73	3	Horizontal	49	2.39
5795MHz	Pass	AV	5.8022G	107.58	Inf	-Inf	3	Vertical	18	2.93
5795MHz	Pass	PK	5.6474G	57.37	68.20	-10.83	3	Vertical	18	2.93
5795MHz	Pass	PK	5.8022G	117.81	Inf	-Inf	3	Vertical	18	2.93
5795MHz	Pass	PK	5.9294G	58.57	68.20	-9.63	3	Vertical	18	2.93
5795MHz	Pass	AV	5.7914G	113.13	Inf	-Inf	3	Horizontal	294	1.88
5795MHz	Pass	PK	5.6354G	60.36	68.20	-7.84	3	Horizontal	294	1.88
5795MHz	Pass	PK	5.789G	122.58	Inf	-Inf	3	Horizontal	294	1.88
5795MHz	Pass	PK	5.9342G	63.08	68.20	-5.12	3	Horizontal	294	1.88
5795MHz	Pass	AV	11.6076G	42.07	54.00	-11.93	3	Vertical	0	2.48
5795MHz	Pass	PK	11.58544G	53.84	74.00	-20.16	3	Vertical	0	2.48
5795MHz	Pass	PK	17.38196G	56.44	68.20	-11.76	3	Vertical	323	2.62
5795MHz	Pass	AV	11.57336G	42.03	54.00	-11.97	3	Horizontal	336	1.50
5795MHz	Pass	PK	11.57688G	53.86	74.00	-20.14	3	Horizontal	336	1.50
5795MHz	Pass	PK	17.37116G	56.55	68.20	-11.65	3	Horizontal	332	2.93
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.147G	51.72	54.00	-2.28	3	Vertical	0	1.11
5210MHz	Pass	AV	5.192G	102.15	Inf	-Inf	3	Vertical	0	1.11
5210MHz	Pass	AV	5.421G	45.21	54.00	-8.79	3	Vertical	0	1.11
5210MHz	Pass	PK	5.124G	66.36	74.00	-7.64	3	Vertical	0	1.11
5210MHz	Pass	PK	5.188G	111.71	Inf	-Inf	3	Vertical	0	1.11
5210MHz	Pass	PK	5.367G	56.38	74.00	-17.62	3	Vertical	0	1.11
5210MHz	Pass	AV	5.143G	50.53	54.00	-3.47	3	Horizontal	46	1.50
5210MHz	Pass	AV	5.218G	101.89	Inf	-Inf	3	Horizontal	46	1.50
5210MHz	Pass	AV	5.399G	45.28	54.00	-8.72	3	Horizontal	46	1.50
5210MHz	Pass	PK	5.145G	66.26	74.00	-7.74	3	Horizontal	46	1.50
5210MHz	Pass	PK	5.216G	111.38	Inf	-Inf	3	Horizontal	46	1.50
5210MHz	Pass	PK	5.399G	56.50	74.00	-17.50	3	Horizontal	46	1.50
5210MHz	Pass	AV	15.63048G	43.82	54.00	-10.18	3	Vertical	221	2.38
5210MHz	Pass	PK	10.40352G	53.98	68.20	-14.22	3	Vertical	0	1.40
5210MHz	Pass	PK	15.65464G	54.76	74.00	-19.24	3	Vertical	221	2.38
5210MHz	Pass	AV	15.63528G	43.85	54.00	-10.15	3	Horizontal	321	1.04
5210MHz	Pass	PK	10.43984G	54.30	68.20	-13.90	3	Horizontal	32	1.01
5210MHz	Pass	PK	15.6452G	54.73	74.00	-19.27	3	Horizontal	321	1.04
5775MHz	Pass	AV	5.15G	49.88	54.00	-4.12	3	Vertical	326	1.50
5775MHz	Pass	AV	5.1834G	107.96	Inf	-Inf	3	Vertical	326	1.50
5775MHz	Pass	PK	5.1454G	59.20	74.00	-14.80	3	Vertical	326	1.50
5775MHz	Pass	PK	5.1822G	117.61	Inf	-Inf	3	Vertical	326	1.50
5775MHz	Pass	AV	5.15G	51.20	54.00	-2.80	3	Horizontal	57	1.07
5775MHz	Pass	AV	5.1784G	110.84	Inf	-Inf	3	Horizontal	57	1.07
5775MHz	Pass	PK	5.15G	62.88	74.00	-11.12	3	Horizontal	57	1.07
5775MHz	Pass	PK	5.179G	120.84	Inf	-Inf	3	Horizontal	57	1.07
5775MHz	Pass	AV	15.549G	43.99	54.00	-10.01	3	Vertical	291	1.50
5775MHz	Pass	PK	10.35088G	54.37	68.20	-13.83	3	Vertical	19	1.50
5775MHz	Pass	PK	15.53104G	57.11	74.00	-16.89	3	Vertical	291	1.50
5775MHz	Pass	AV	15.5482G	43.90	54.00	-10.10	3	Horizontal	138	2.97
5775MHz	Pass	PK	10.36732G	54.27	68.20	-13.93	3	Horizontal	37	1.50
5775MHz	Pass	PK	15.54908G	55.67	74.00	-18.33	3	Horizontal	138	2.97

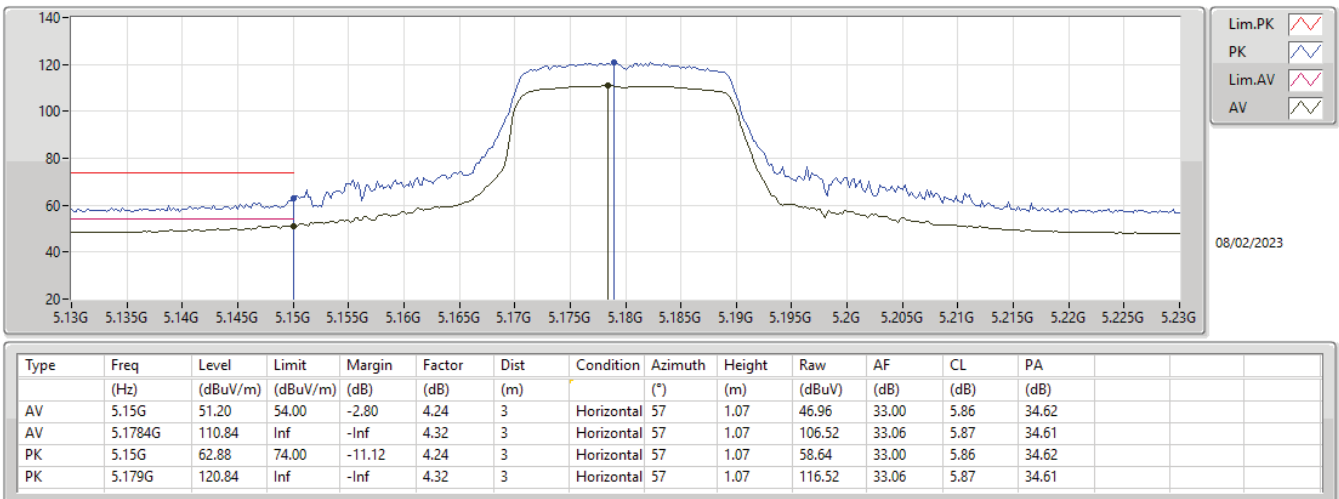
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5180MHz_TX



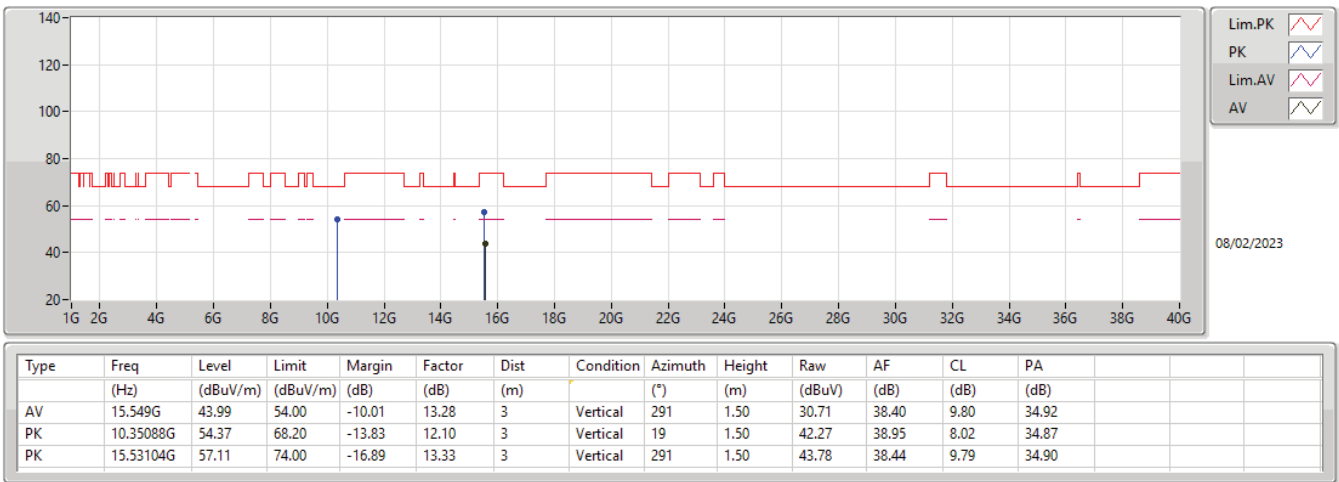
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5180MHz_TX



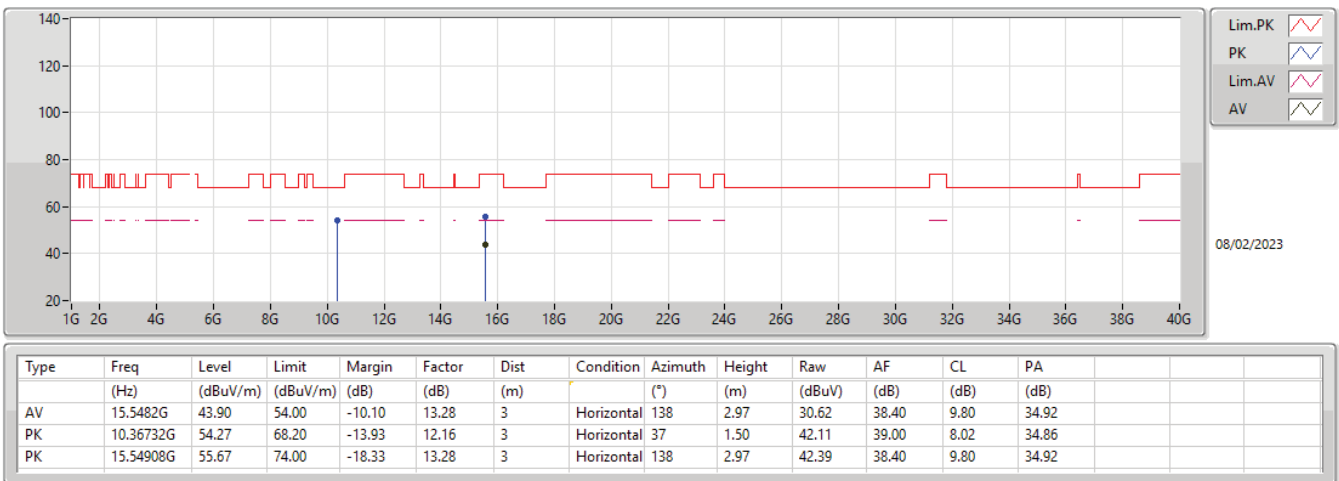
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5180MHz_TX



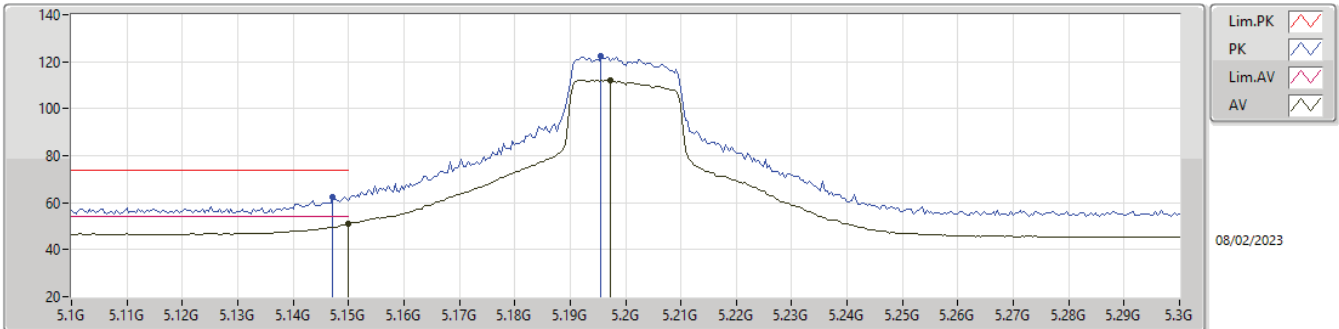
5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX



5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

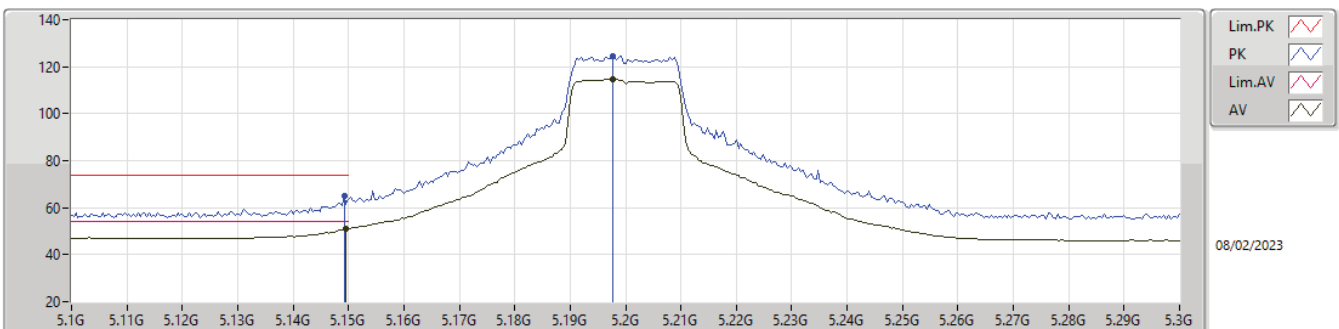
5200MHz_TX



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	5.15G	50.93	54.00	-3.07	4.24	3	Vertical	323	1.25	46.69	33.00	5.86	34.62
AV	5.1972G	112.26	Inf	-Inf	4.36	3	Vertical	323	1.25	107.90	33.09	5.88	34.61
PK	5.1472G	62.42	74.00	-11.58	4.24	3	Vertical	323	1.25	58.18	33.00	5.86	34.62
PK	5.1956G	122.22	Inf	-Inf	4.36	3	Vertical	323	1.25	117.86	33.09	5.88	34.61

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

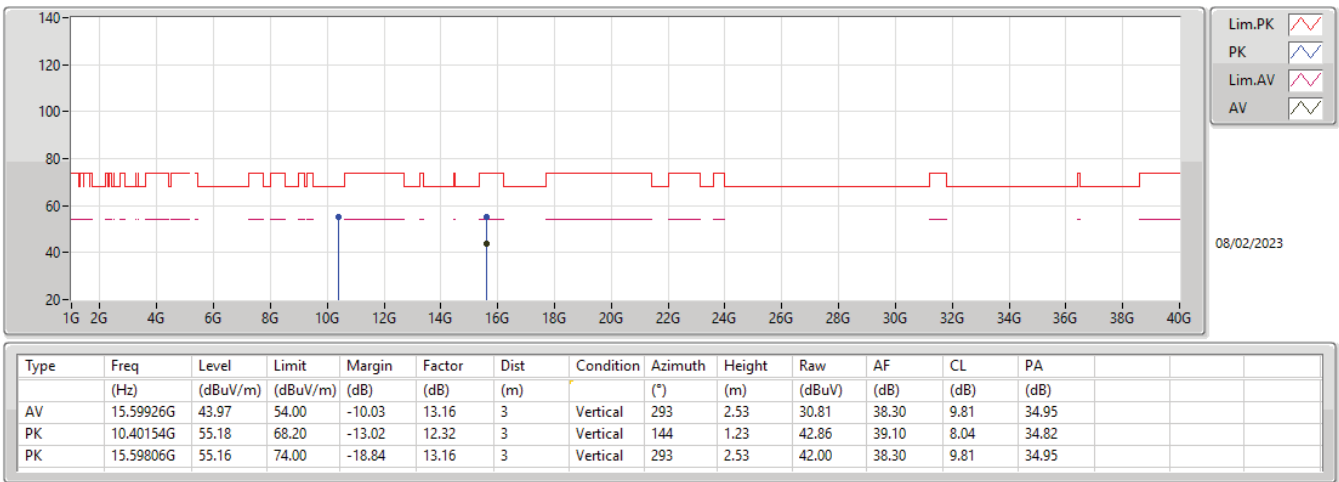
5200MHz_TX



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	5.1496G	50.99	54.00	-3.01	4.24	3	Horizontal	50	1.88	46.75	33.00	5.86	34.62
AV	5.1976G	114.71	Inf	-Inf	4.37	3	Horizontal	50	1.88	110.34	33.10	5.88	34.61
PK	5.1492G	64.75	74.00	-9.25	4.24	3	Horizontal	50	1.88	60.51	33.00	5.86	34.62
PK	5.1976G	124.54	Inf	-Inf	4.37	3	Horizontal	50	1.88	120.17	33.10	5.88	34.61

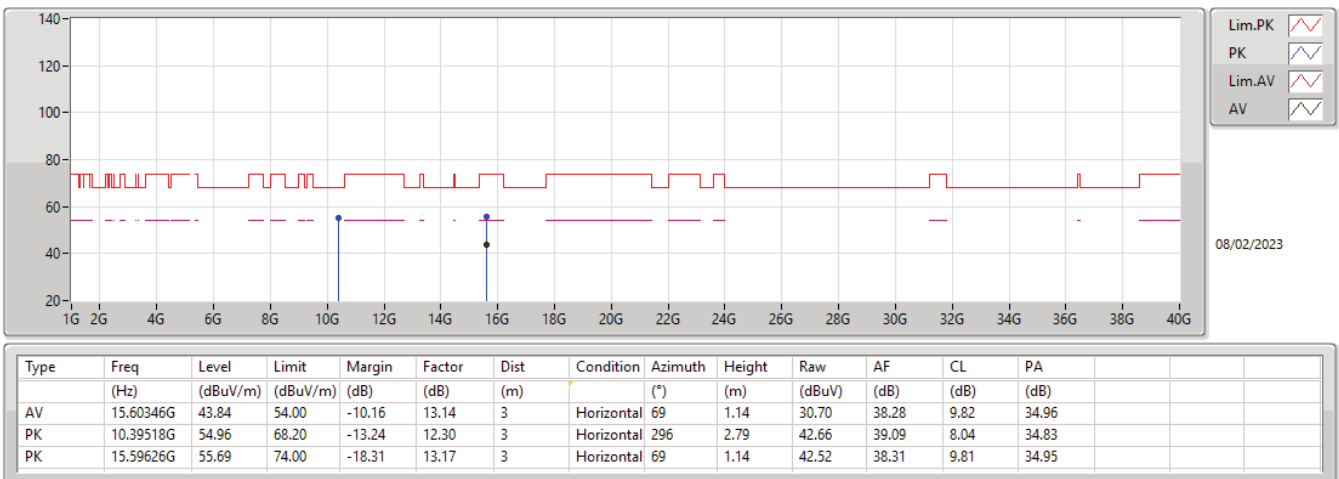
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5200MHz_TX



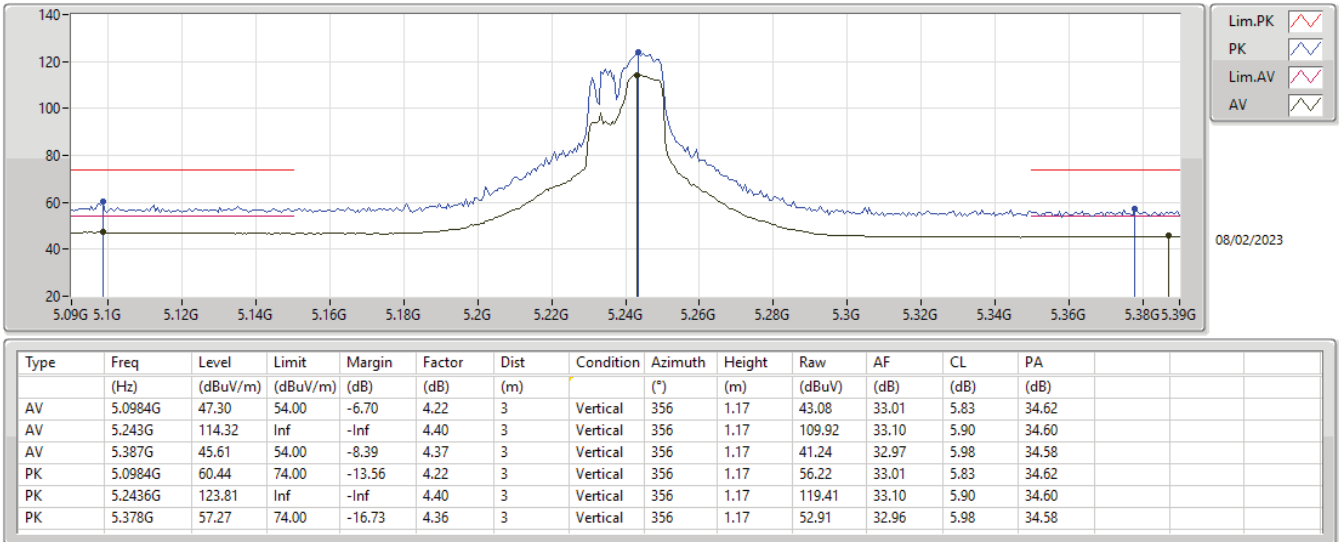
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5200MHz_TX



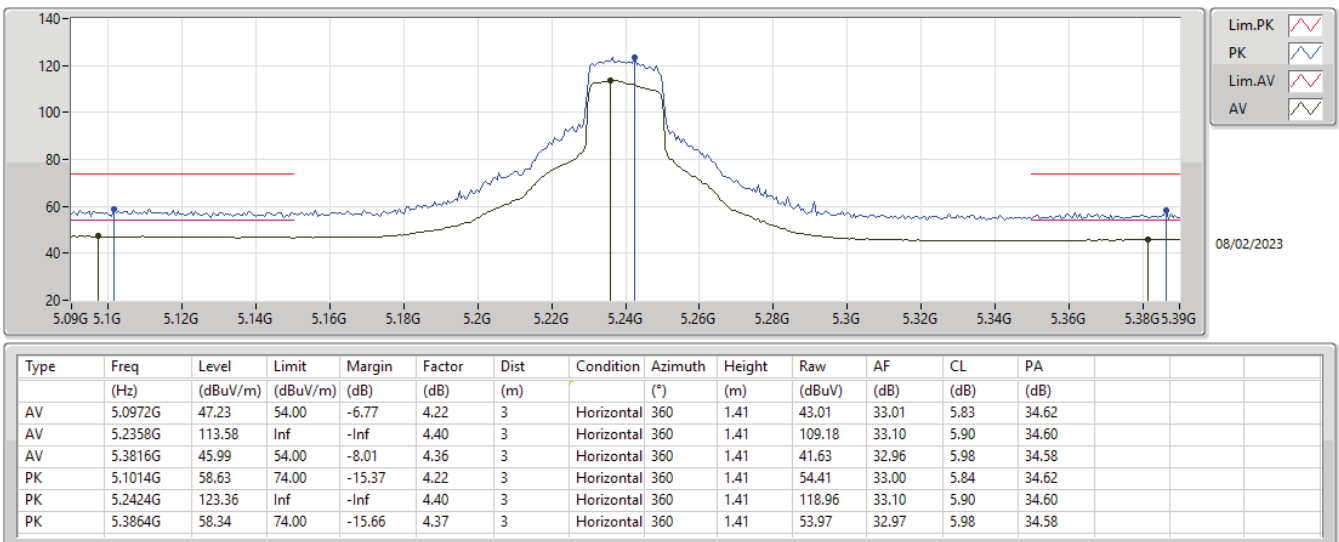
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5240MHz_TX



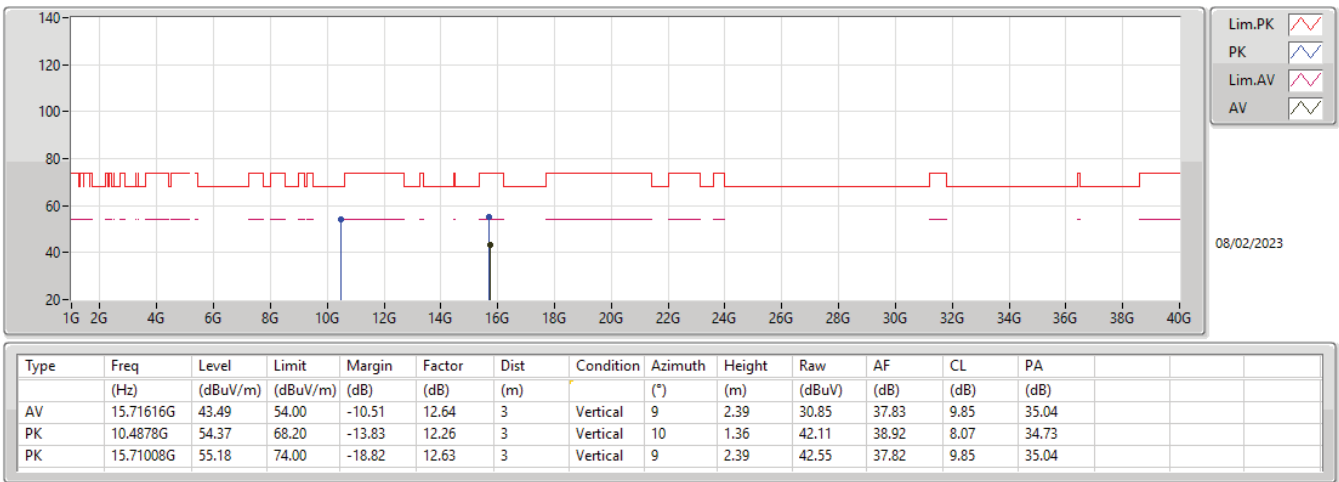
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5240MHz_TX



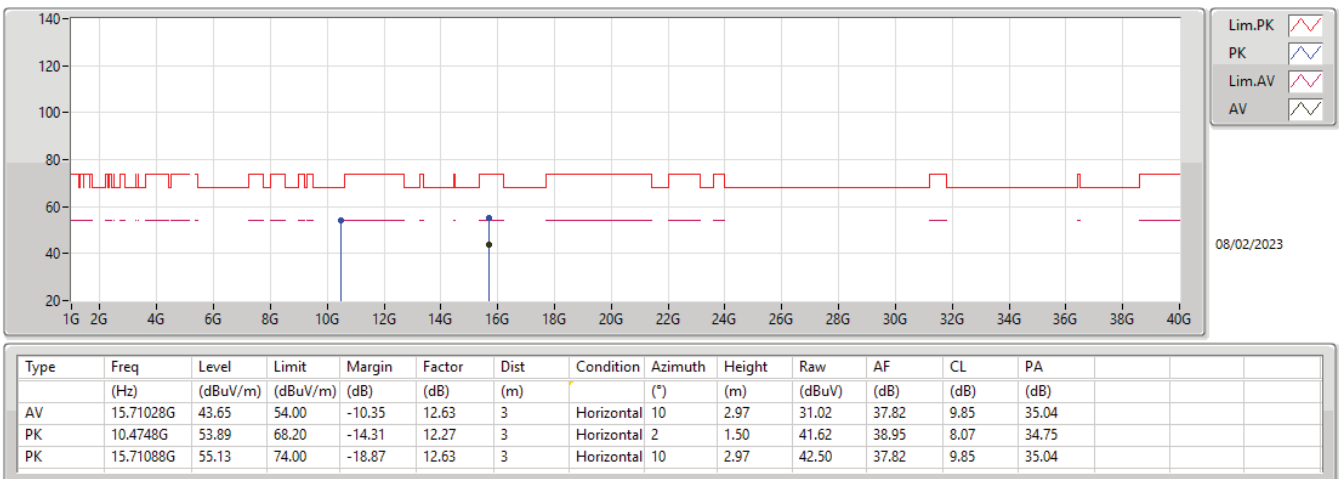
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5240MHz_TX



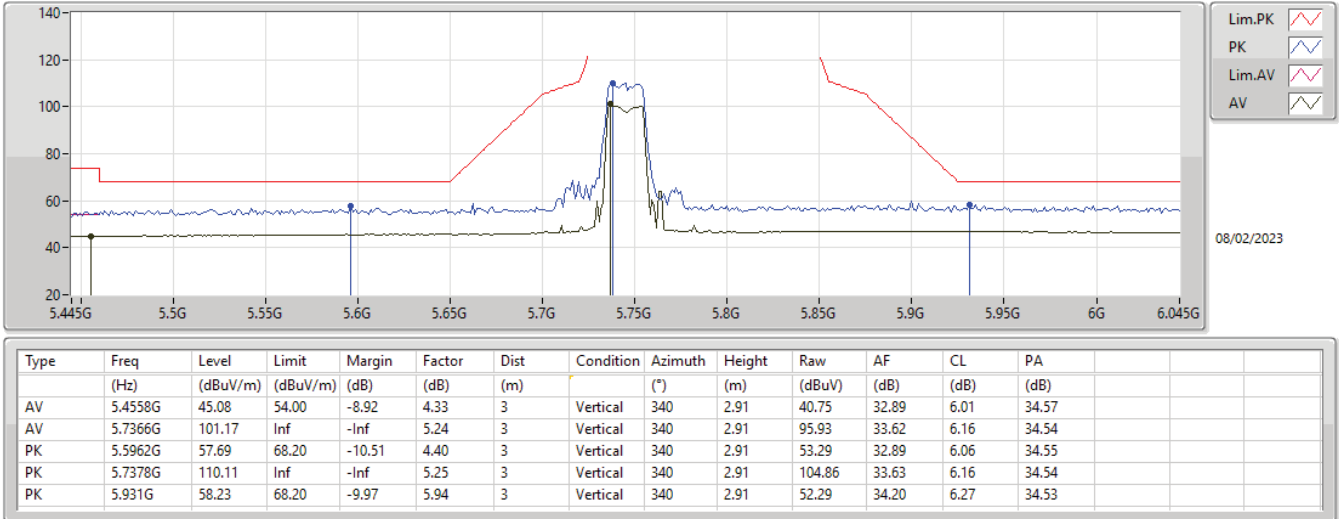
5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX



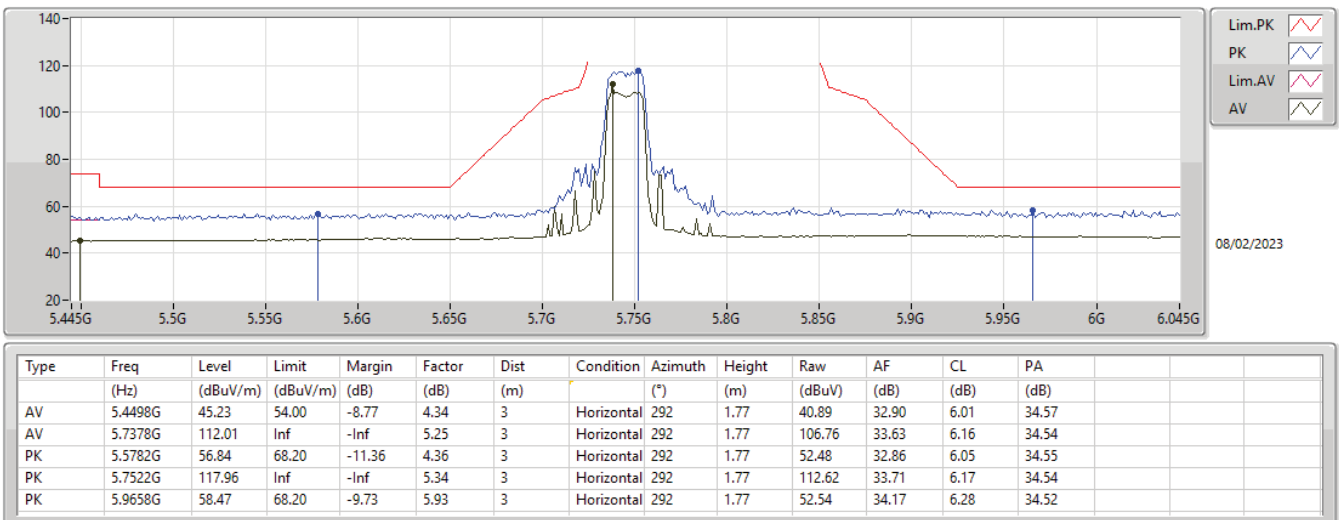
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5745MHz_TX



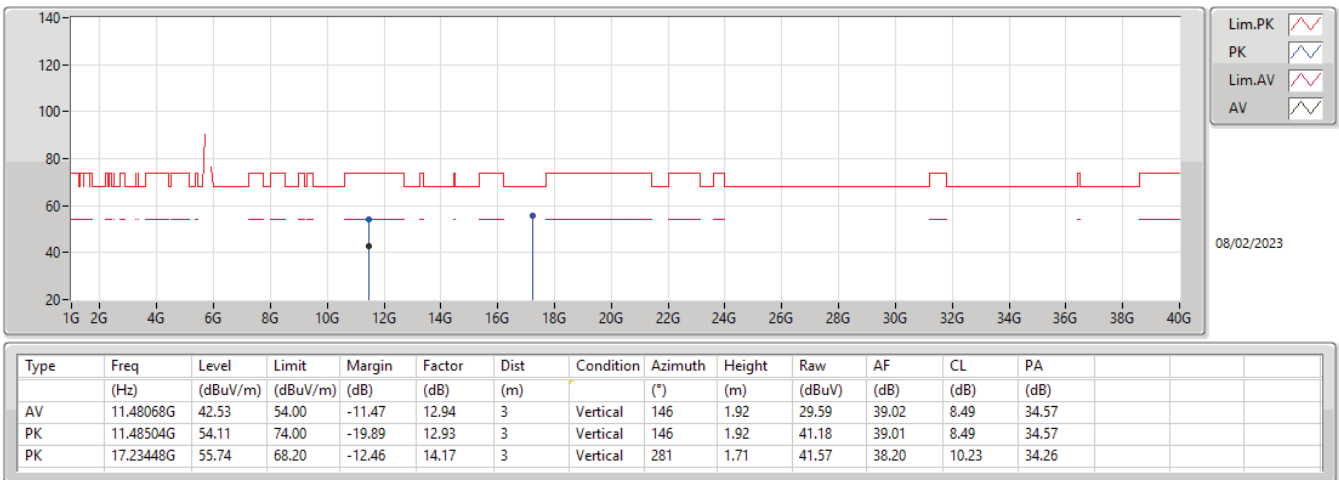
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5745MHz_TX



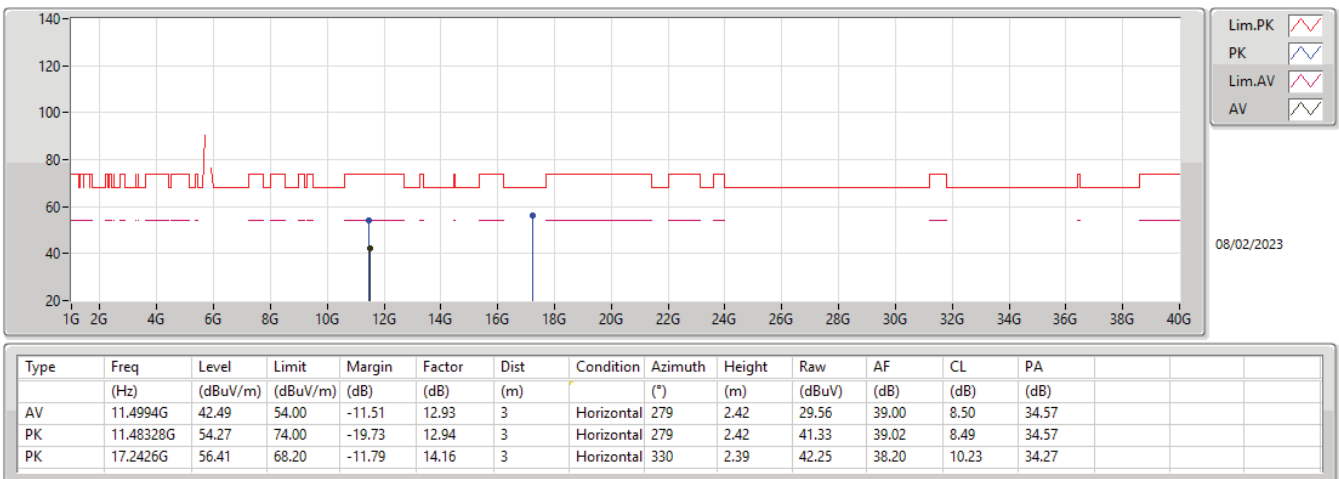
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX



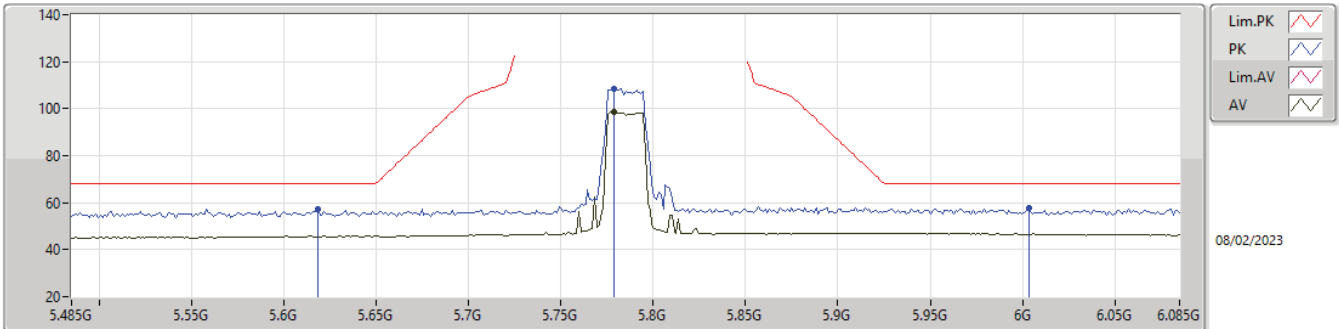
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX



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

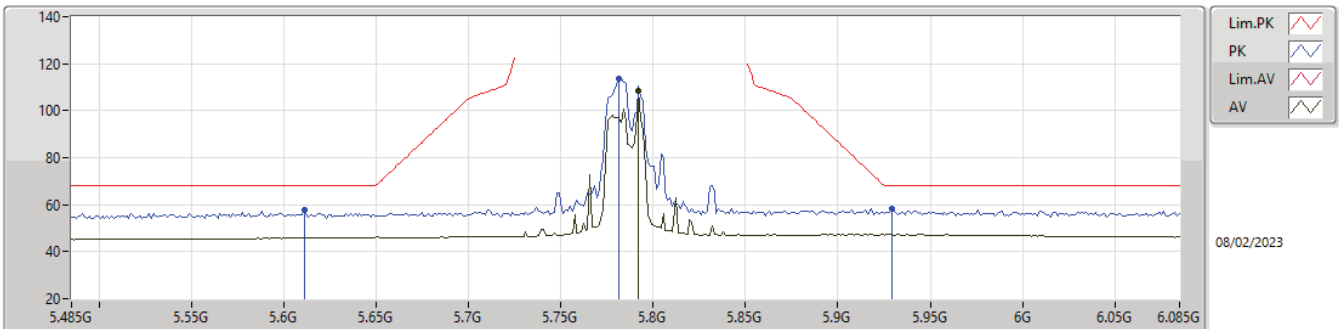
5785MHz_TX



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	5.779G	98.64	Inf	-Inf	5.47	3	Vertical	20	1.49	93.17	33.82	6.19	34.54
PK	5.6182G	57.44	68.20	-10.76	4.46	3	Vertical	20	1.49	52.98	32.94	6.07	34.55
PK	5.779G	108.31	Inf	-Inf	5.47	3	Vertical	20	1.49	102.84	33.82	6.19	34.54
PK	6.0034G	57.74	68.20	-10.46	5.88	3	Vertical	20	1.49	51.86	34.10	6.30	34.52

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

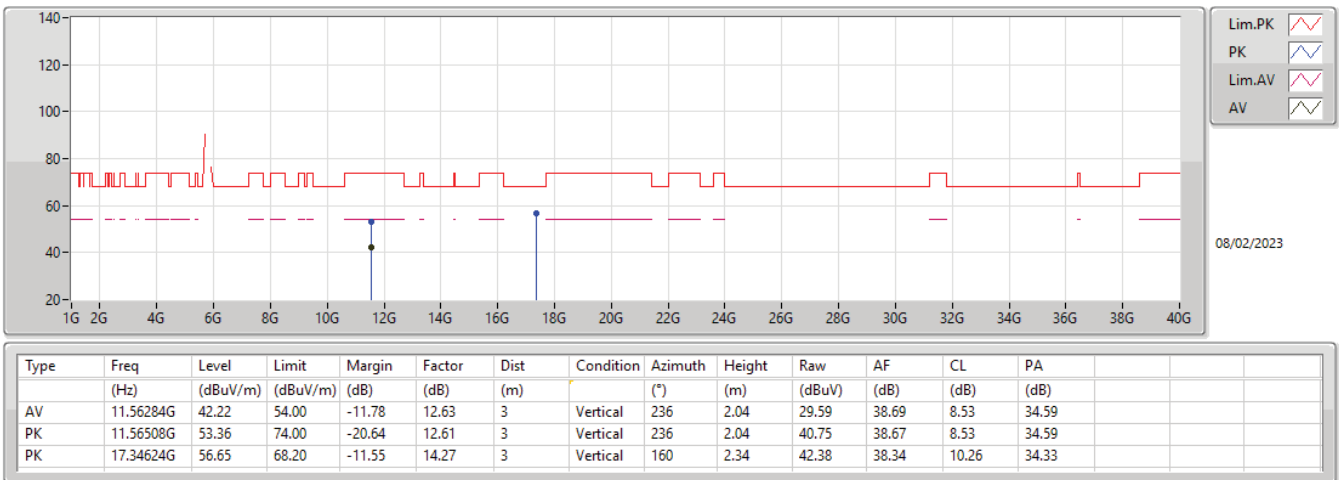
5785MHz_TX



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	5.7922G	108.23	Inf	-Inf	5.52	3	Horizontal	50	2.63	102.71	33.87	6.19	34.54
PK	5.611G	57.79	68.20	-10.41	4.44	3	Horizontal	50	2.63	53.35	32.92	6.07	34.55
PK	5.7814G	113.83	Inf	-Inf	5.48	3	Horizontal	50	2.63	108.35	33.83	6.19	34.54
PK	5.929G	58.10	68.20	-10.10	5.93	3	Horizontal	50	2.63	52.17	34.20	6.26	34.53

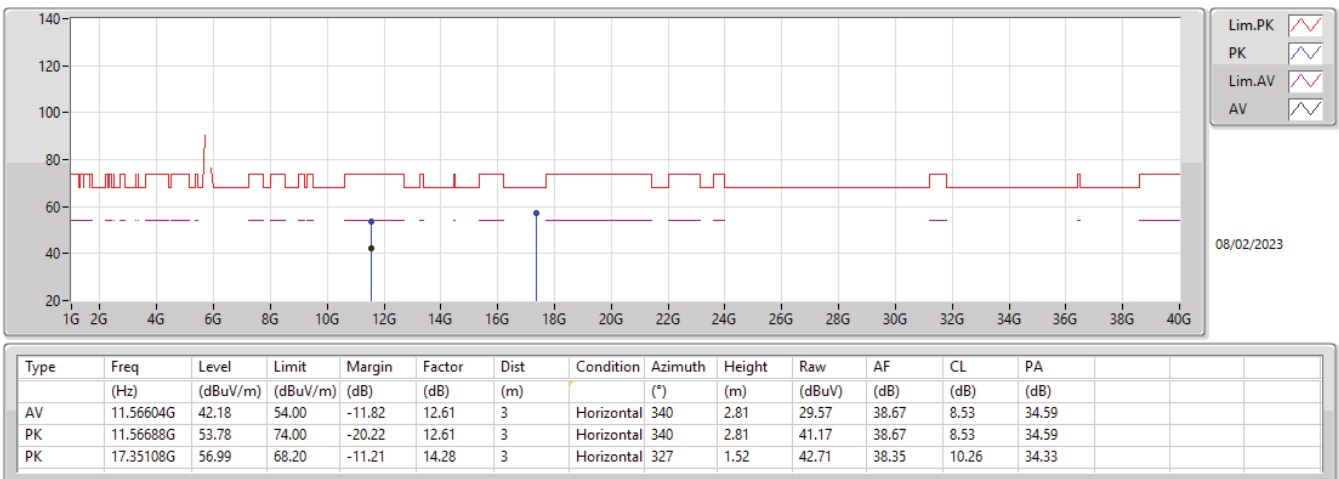
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX



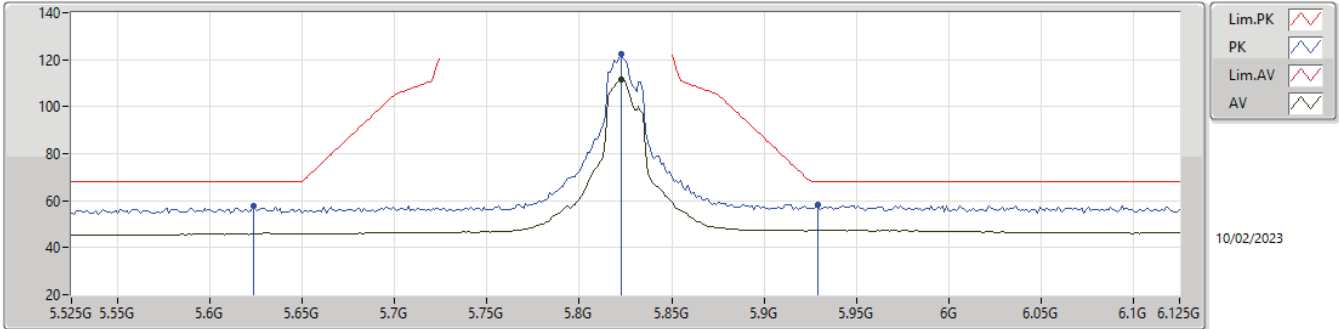
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX



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

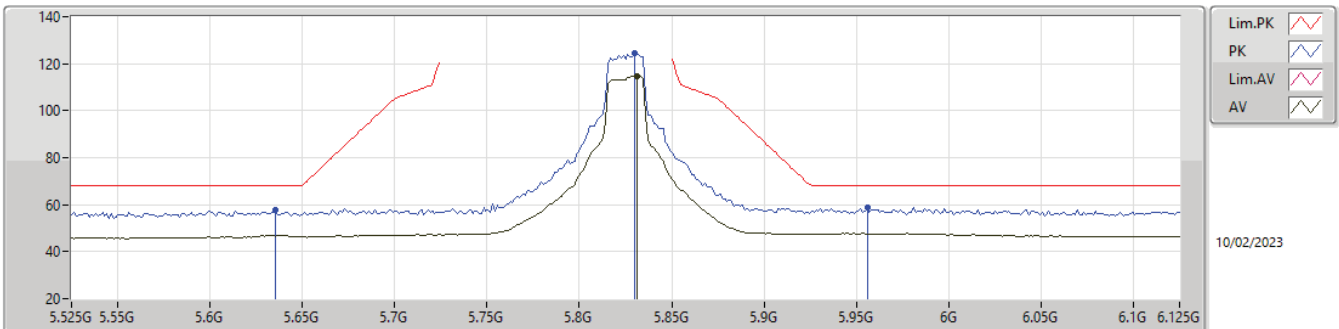
5825MHz_TX



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	5.8226G	111.49	Inf	-Inf	5.63	3	Vertical	308	1.94	105.86	33.95	6.21	34.53
PK	5.8234G	57.62	68.20	-10.58	4.48	3	Vertical	308	1.94	53.14	32.95	6.08	34.55
PK	5.8226G	122.30	Inf	-Inf	5.63	3	Vertical	308	1.94	116.67	33.95	6.21	34.53
PK	5.9294G	58.05	68.20	-10.15	5.93	3	Vertical	308	1.94	52.12	34.20	6.26	34.53

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

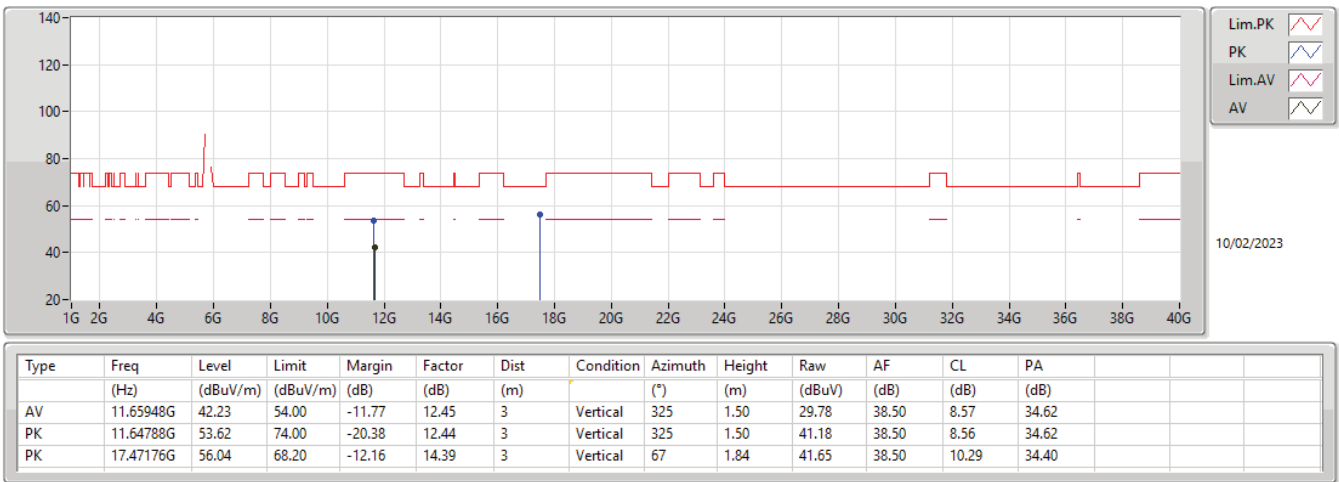
5825MHz_TX



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	5.831G	114.78	Inf	-Inf	5.65	3	Horizontal	62	1.97	109.13	33.96	6.22	34.53
PK	5.6354G	57.60	68.20	-10.60	4.50	3	Horizontal	62	1.97	53.10	32.97	6.08	34.55
PK	5.8298G	124.27	Inf	-Inf	5.64	3	Horizontal	62	1.97	118.63	33.96	6.21	34.53
PK	5.9558G	58.95	68.20	-9.25	5.95	3	Horizontal	62	1.97	53.00	34.19	6.28	34.52

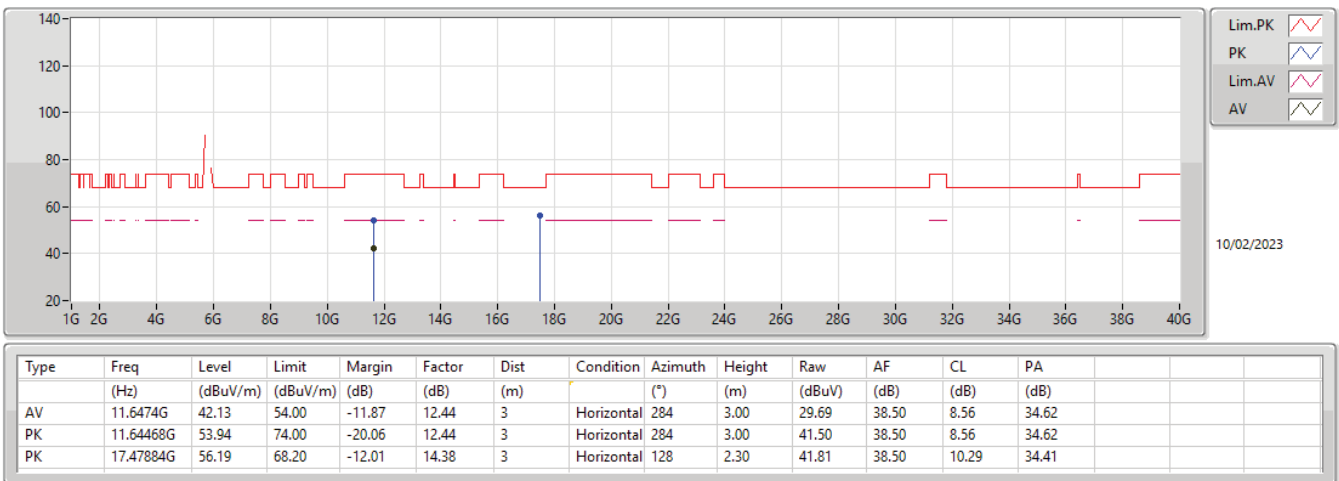
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX



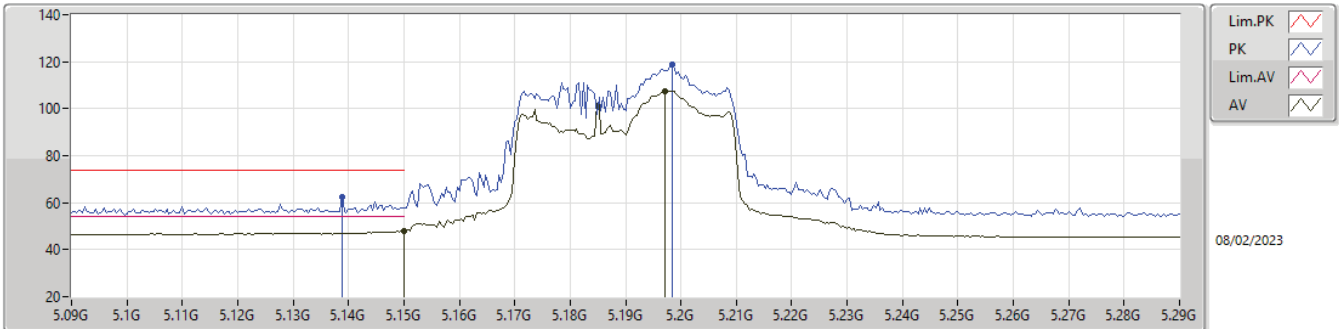
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX



5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

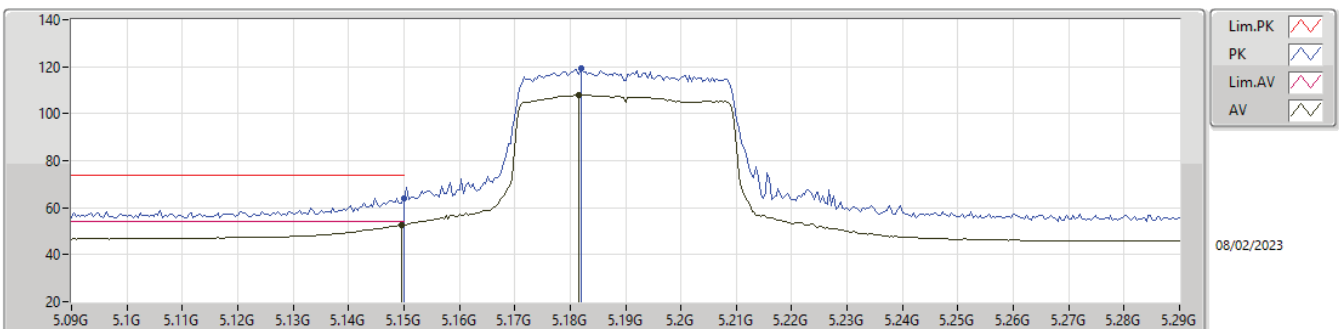
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.00	54.00	-6.00	4.24	3	Vertical	325	2.42	43.76	33.00	5.86	34.62
AV	5.1972G	107.57	Inf	-Inf	4.36	3	Vertical	325	2.42	103.21	33.09	5.88	34.61
PK	5.1388G	62.39	74.00	-11.61	4.23	3	Vertical	325	2.42	58.16	33.00	5.85	34.62
PK	5.1984G	118.76	Inf	-Inf	4.37	3	Vertical	325	2.42	114.39	33.10	5.88	34.61

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

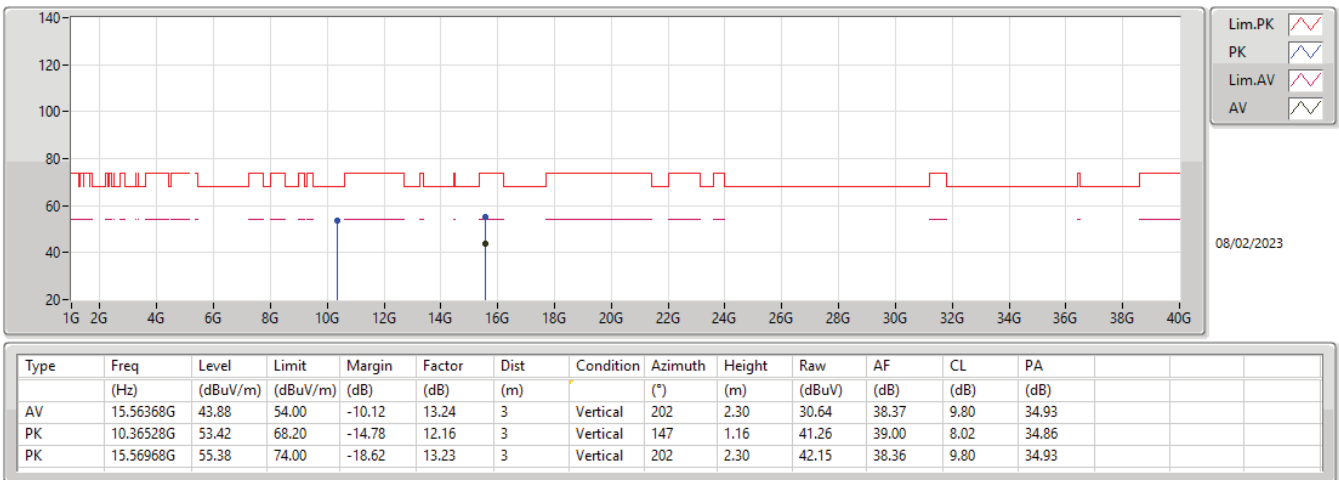
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	52.60	54.00	-1.40	4.24	3	Horizontal	58	1.08	48.36	33.00	5.86	34.62
AV	5.1816G	108.02	Inf	-Inf	4.32	3	Horizontal	58	1.08	103.70	33.06	5.87	34.61
PK	5.15G	64.01	74.00	-9.99	4.24	3	Horizontal	58	1.08	59.77	33.00	5.86	34.62
PK	5.182G	119.20	Inf	-Inf	4.32	3	Horizontal	58	1.08	114.88	33.06	5.87	34.61

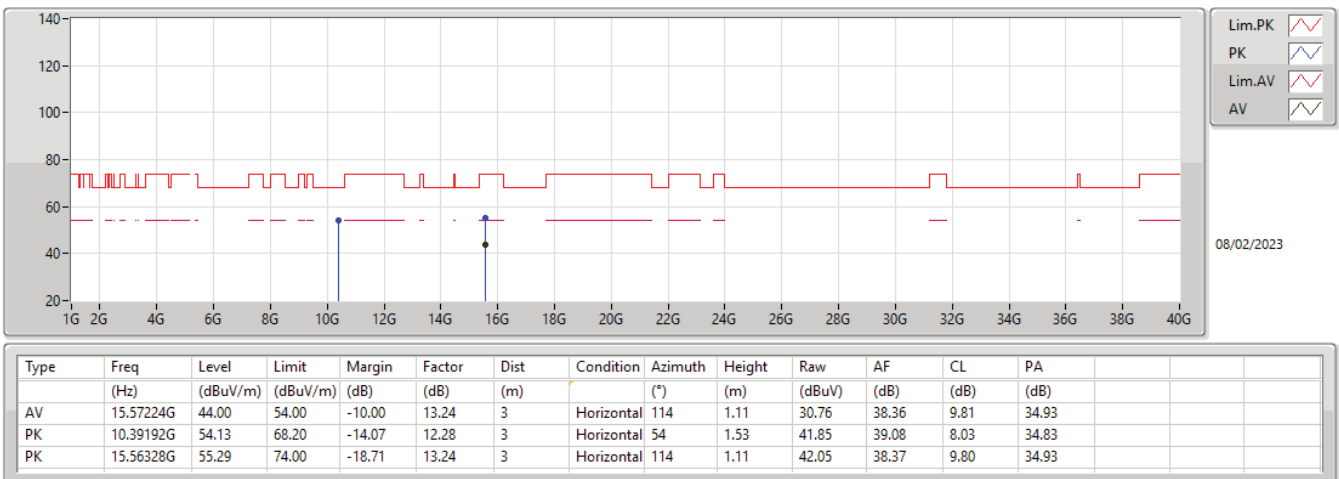
5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX



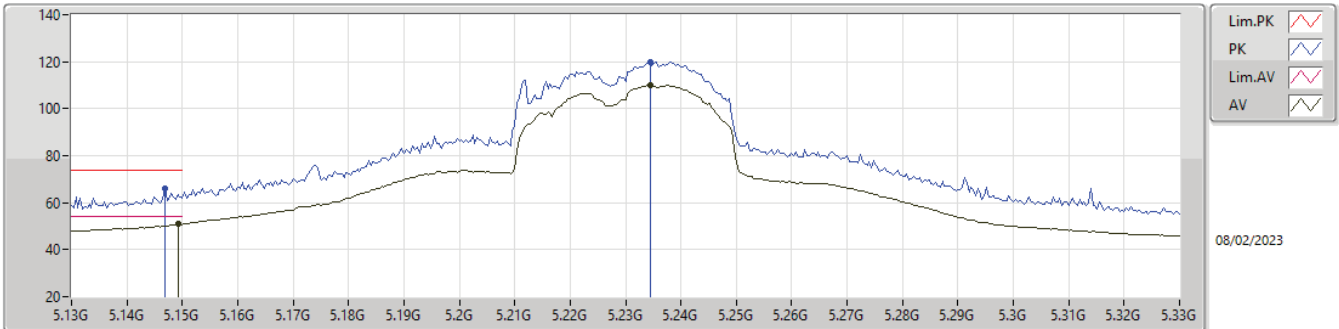
5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX



5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

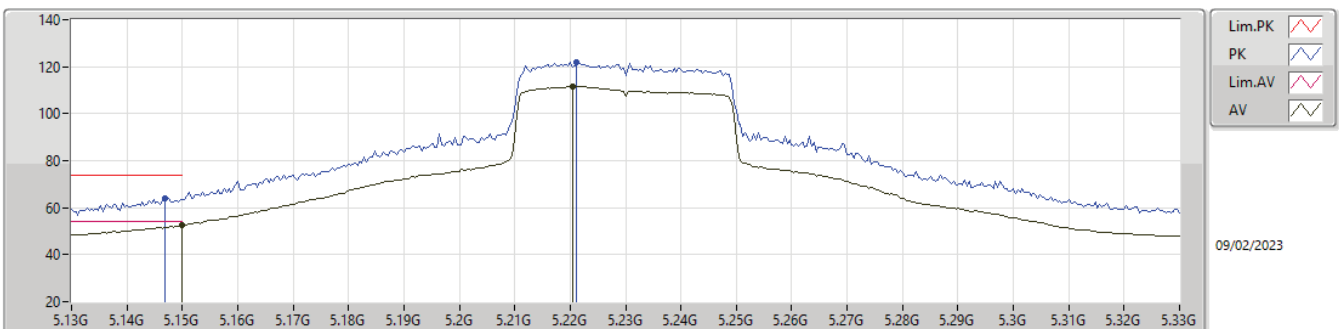
5230MHz_TX



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	5.1492G	50.89	54.00	-3.11	4.24	3	Vertical	322	1.24	46.65	33.00	5.86	34.62
AV	5.2344G	109.98	Inf	-Inf	4.40	3	Vertical	322	1.24	105.58	33.10	5.90	34.60
PK	5.1468G	65.80	74.00	-8.20	4.24	3	Vertical	322	1.24	61.56	33.00	5.86	34.62
PK	5.2344G	119.91	Inf	-Inf	4.40	3	Vertical	322	1.24	115.51	33.10	5.90	34.60

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

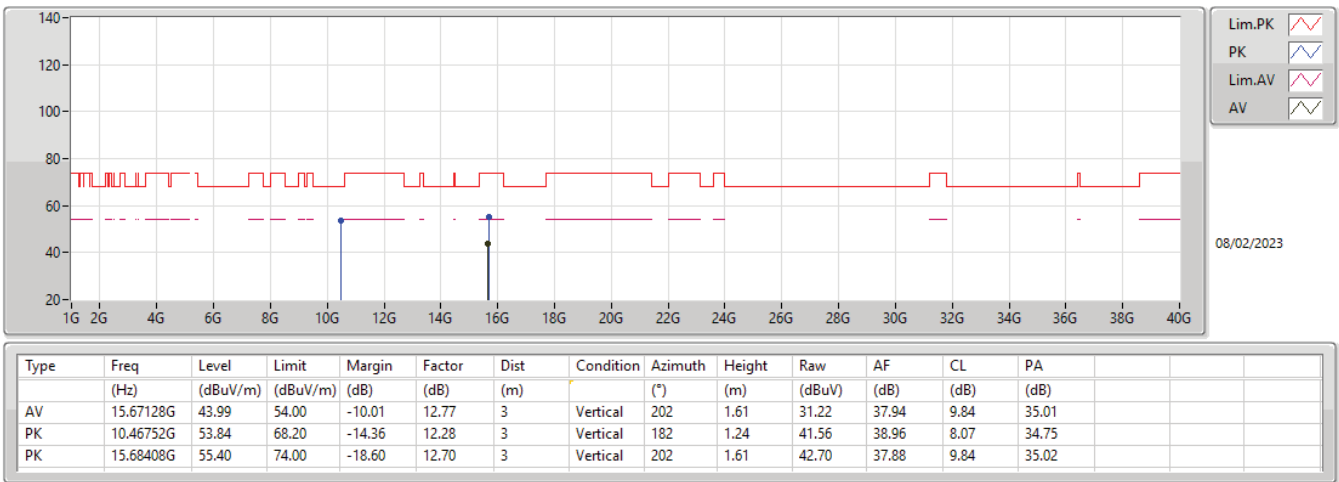
5230MHz_TX



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	5.15G	52.47	54.00	-1.53	4.24	3	Horizontal	68	1.55	48.23	33.00	5.86	34.62
AV	5.2204G	111.74	Inf	-Inf	4.39	3	Horizontal	68	1.55	107.35	33.10	5.89	34.60
PK	5.1468G	63.93	74.00	-10.07	4.24	3	Horizontal	68	1.55	59.69	33.00	5.86	34.62
PK	5.2212G	122.02	Inf	-Inf	4.39	3	Horizontal	68	1.55	117.63	33.10	5.89	34.60

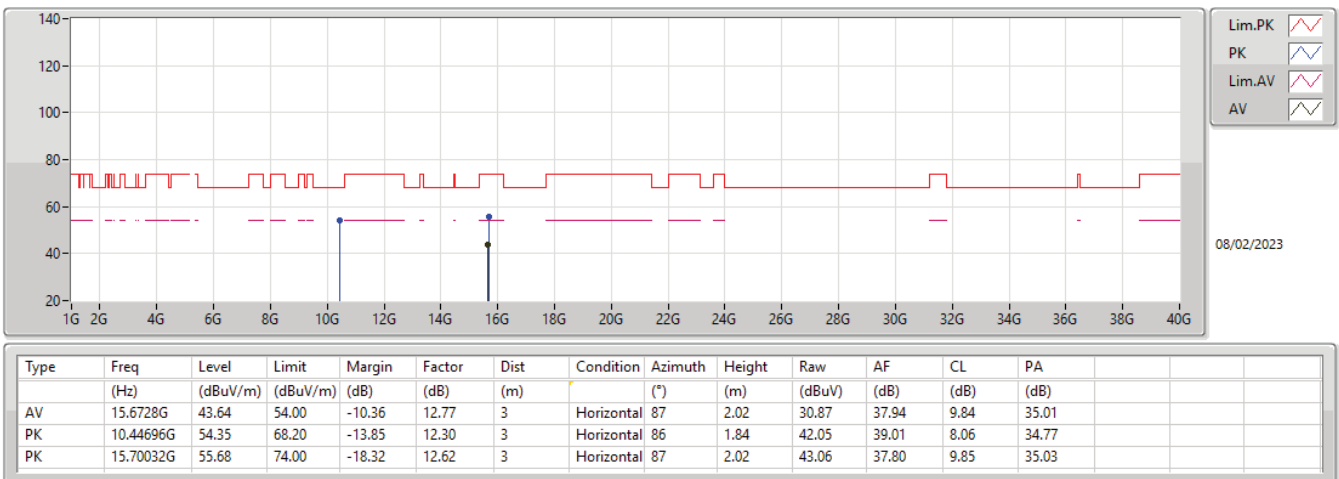
5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX



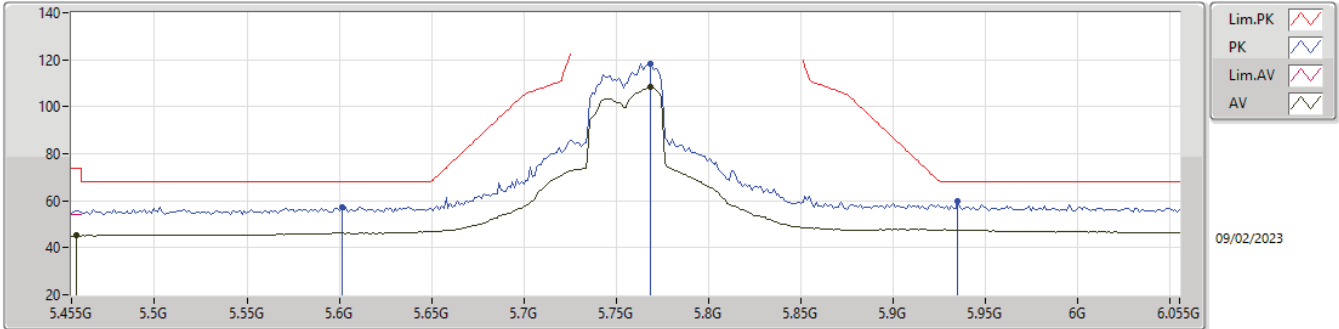
5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX



5.725-5.85GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

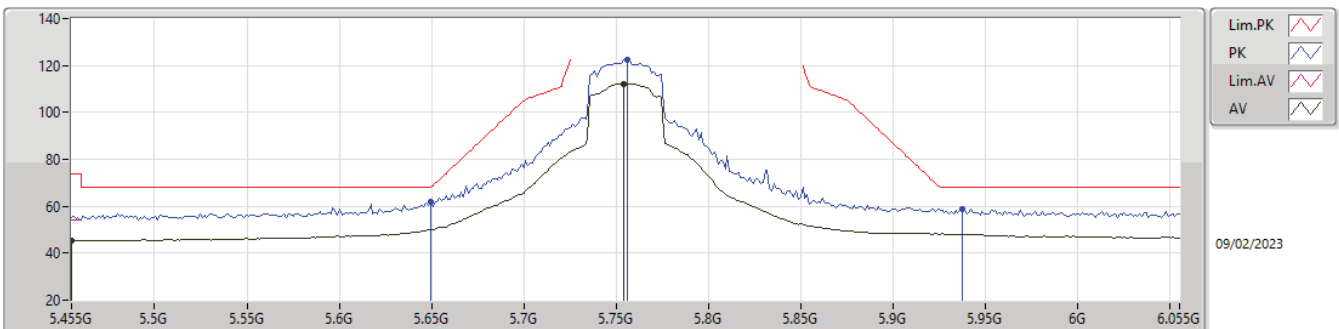
5755MHz_TX



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	5.4574G	45.15	54.00	-8.85	4.33	3	Vertical	319	2.11	40.82	32.89	6.01	34.57
AV	5.7682G	108.40	Inf	-Inf	5.41	3	Vertical	319	2.11	102.99	33.77	6.18	34.54
PK	5.6014G	57.36	68.20	-10.84	4.41	3	Vertical	319	2.11	52.95	32.90	6.06	34.55
PK	5.7682G	118.51	Inf	-Inf	5.41	3	Vertical	319	2.11	113.10	33.77	6.18	34.54
PK	5.935G	59.80	68.20	-8.40	5.94	3	Vertical	319	2.11	53.86	34.20	6.27	34.53

5.725-5.85GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

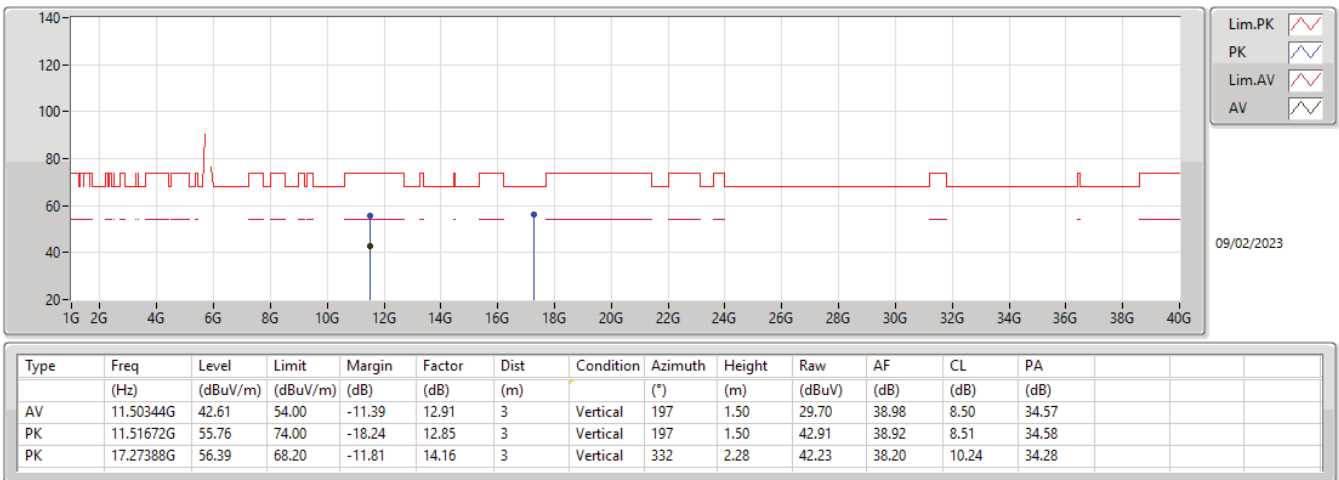
5755MHz_TX



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	5.455G	45.50	54.00	-8.50	4.33	3	Horizontal	60	2.00	41.17	32.89	6.01	34.57
AV	5.7538G	112.26	Inf	-Inf	5.35	3	Horizontal	60	2.00	106.91	33.72	6.17	34.54
PK	5.6494G	61.67	68.20	-6.53	4.54	3	Horizontal	60	2.00	57.13	33.00	6.09	34.55
PK	5.7562G	122.52	Inf	-Inf	5.35	3	Horizontal	60	2.00	117.17	33.72	6.17	34.54
PK	5.9374G	58.94	68.20	-9.26	5.94	3	Horizontal	60	2.00	53.00	34.20	6.27	34.53

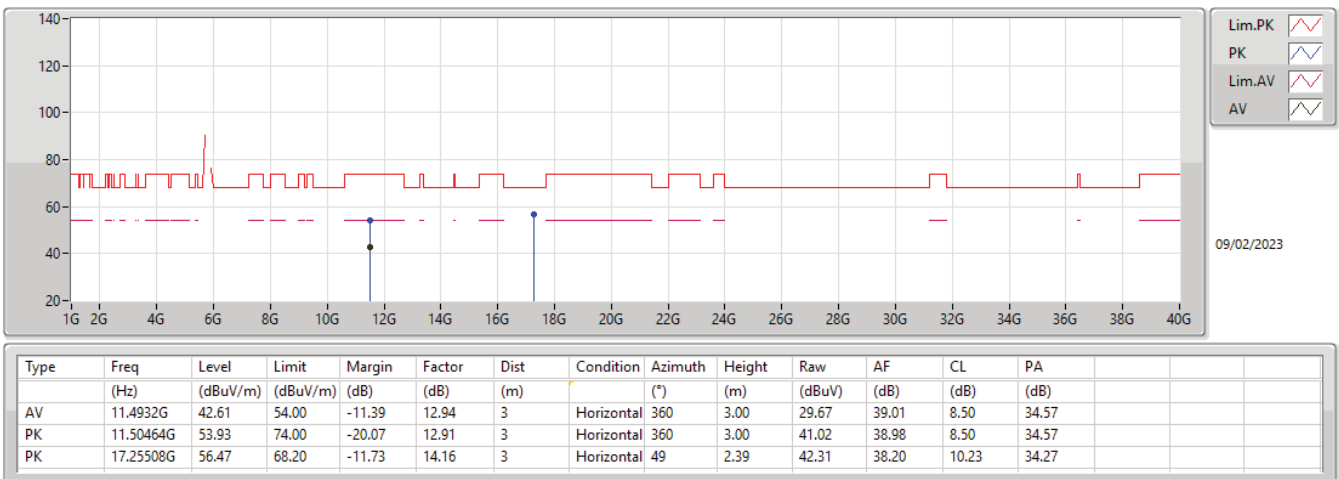
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX



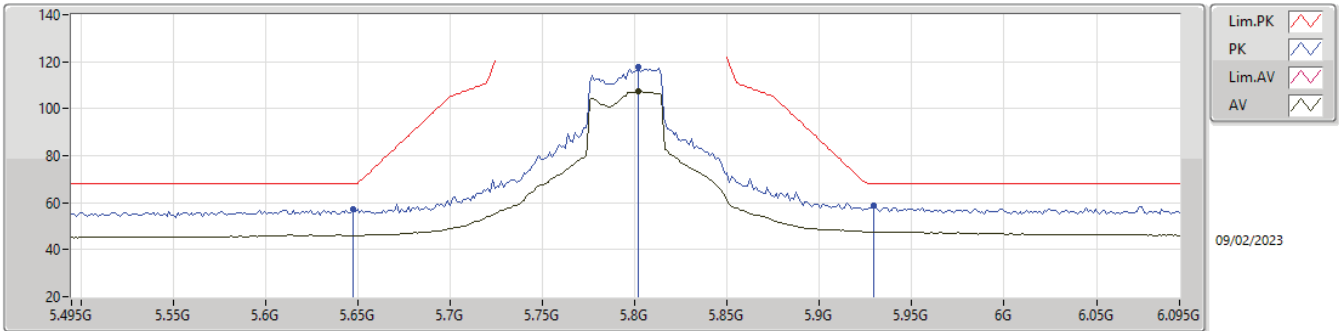
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX



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

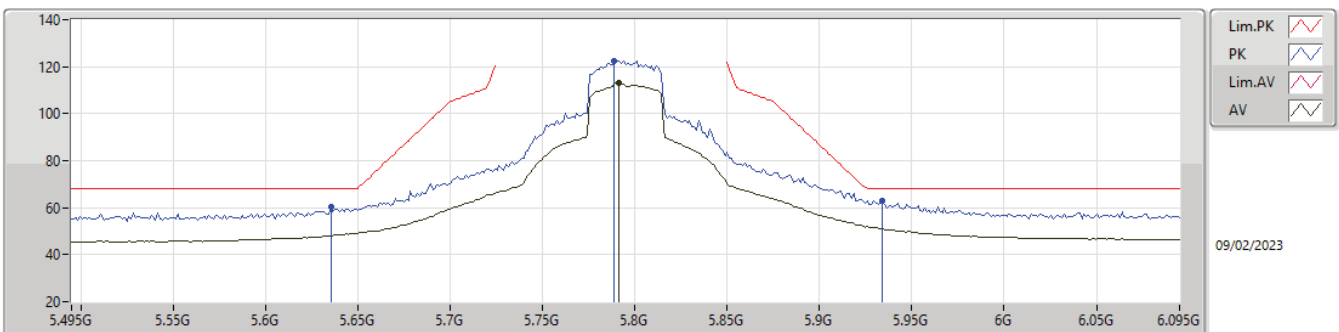
5795MHz_TX



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	5.8022G	107.58	Inf	-Inf	5.56	3	Vertical	18	2.93	102.02	33.90	6.20	34.54
PK	5.6474G	57.37	68.20	-10.83	4.53	3	Vertical	18	2.93	52.84	32.99	6.09	34.55
PK	5.8022G	117.81	Inf	-Inf	5.56	3	Vertical	18	2.93	112.25	33.90	6.20	34.54
PK	5.9294G	58.57	68.20	-9.63	5.93	3	Vertical	18	2.93	52.64	34.20	6.26	34.53

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

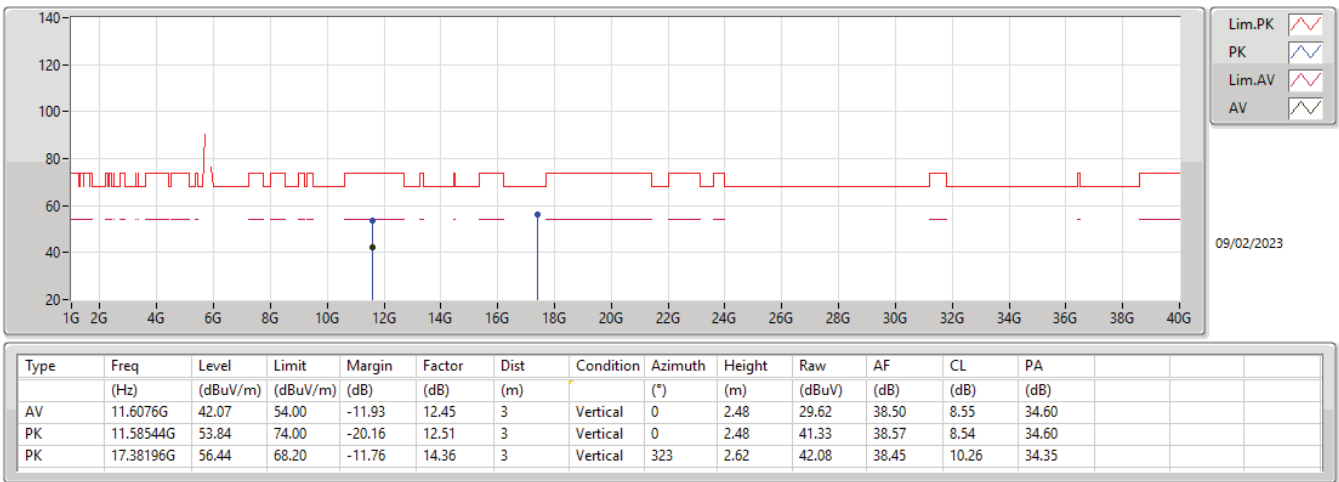
5795MHz_TX



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	5.7914G	113.13	Inf	-Inf	5.52	3	Horizontal	294	1.88	107.61	33.87	6.19	34.54
PK	5.6354G	60.36	68.20	-7.84	4.50	3	Horizontal	294	1.88	55.86	32.97	6.08	34.55
PK	5.789G	122.58	Inf	-Inf	5.51	3	Horizontal	294	1.88	117.07	33.86	6.19	34.54
PK	5.9342G	63.08	68.20	-5.12	5.94	3	Horizontal	294	1.88	57.14	34.20	6.27	34.53

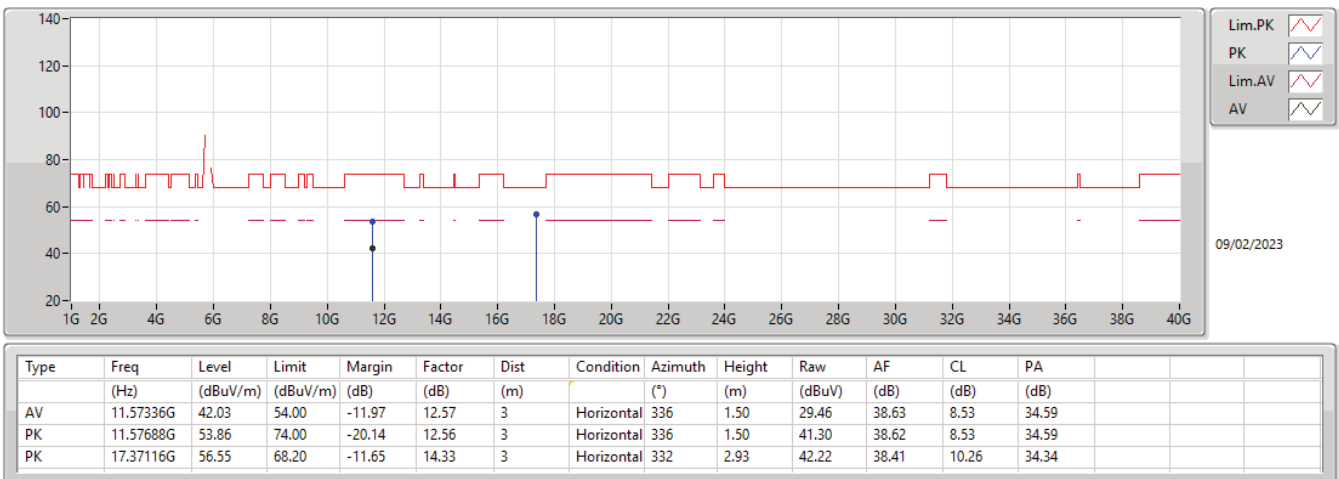
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX



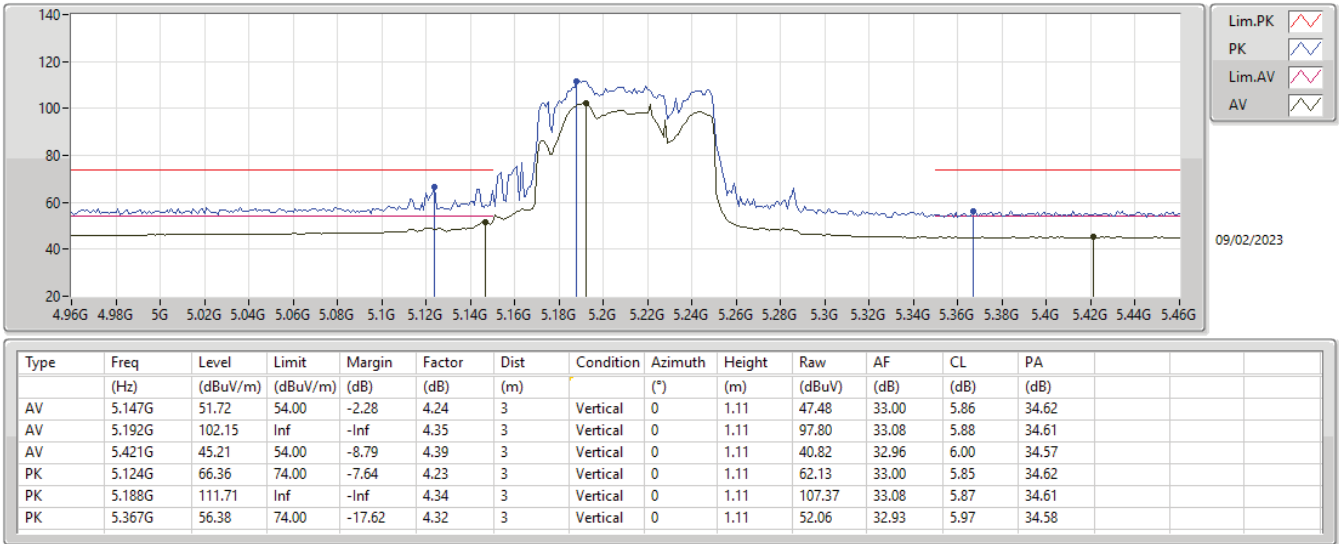
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX



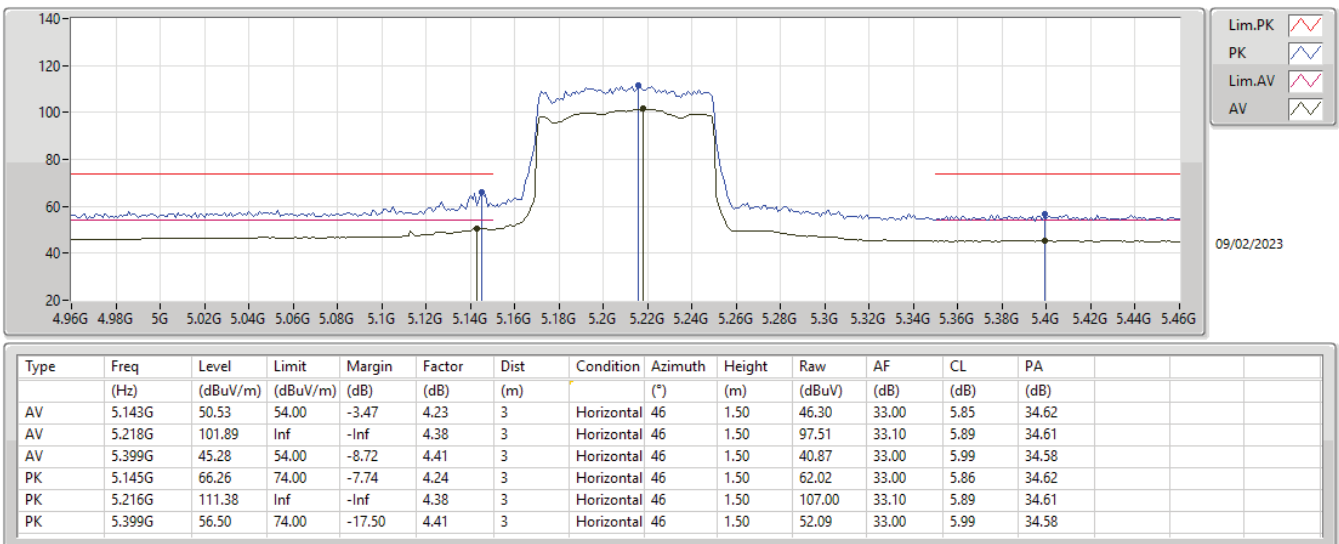
5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX



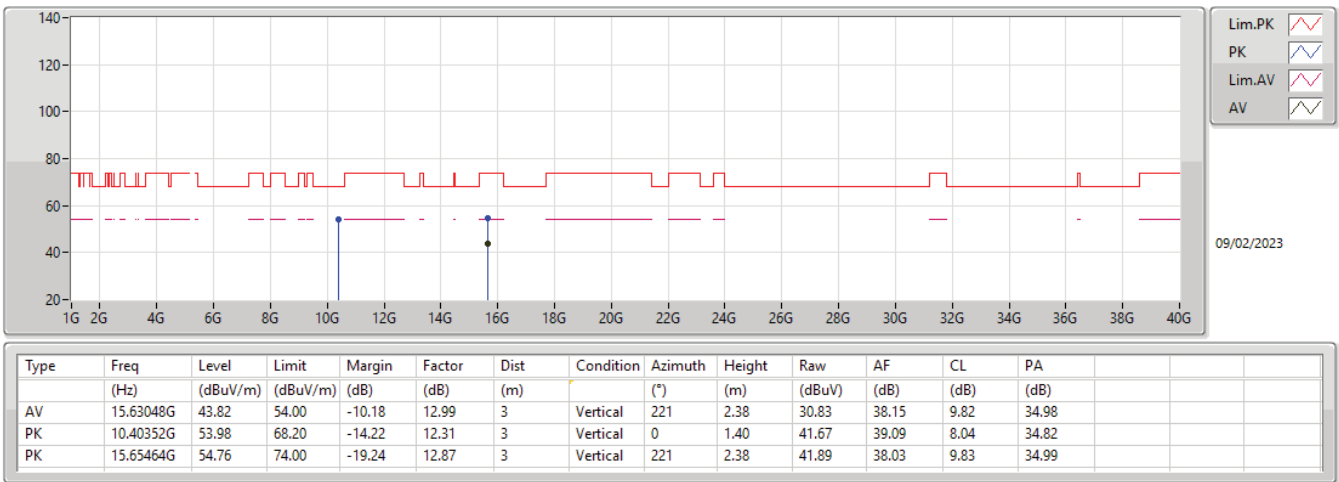
5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX



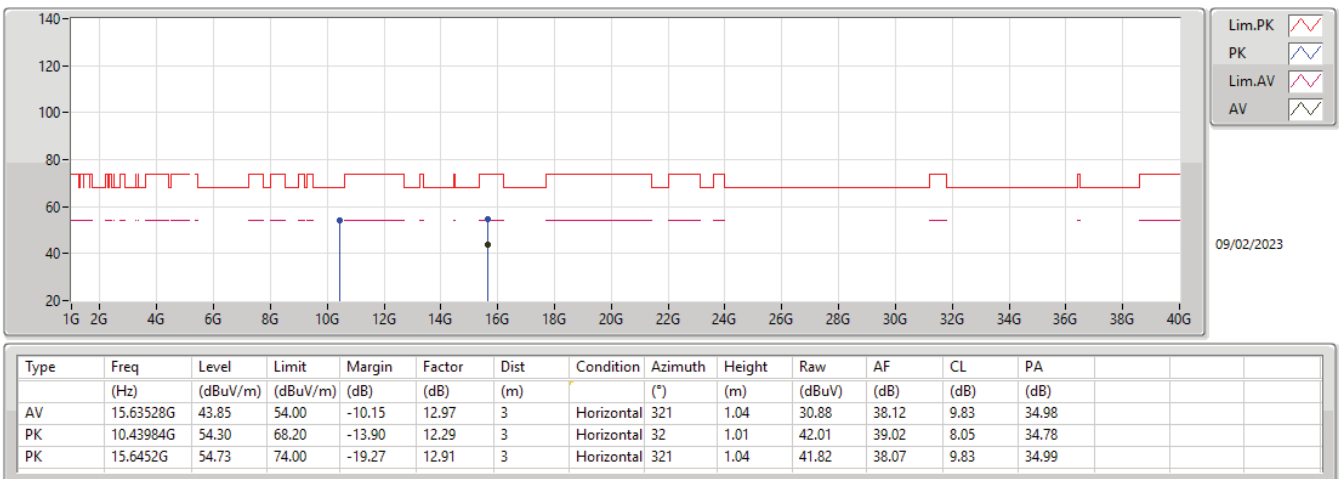
5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX



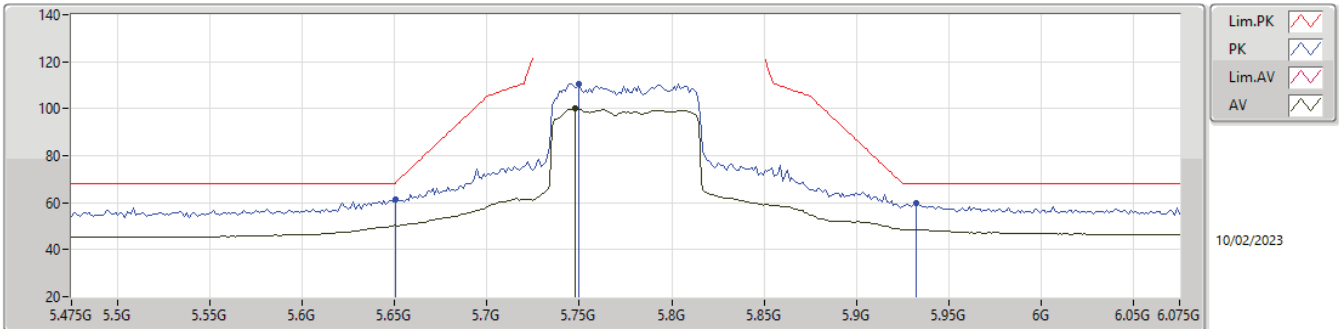
5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX



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

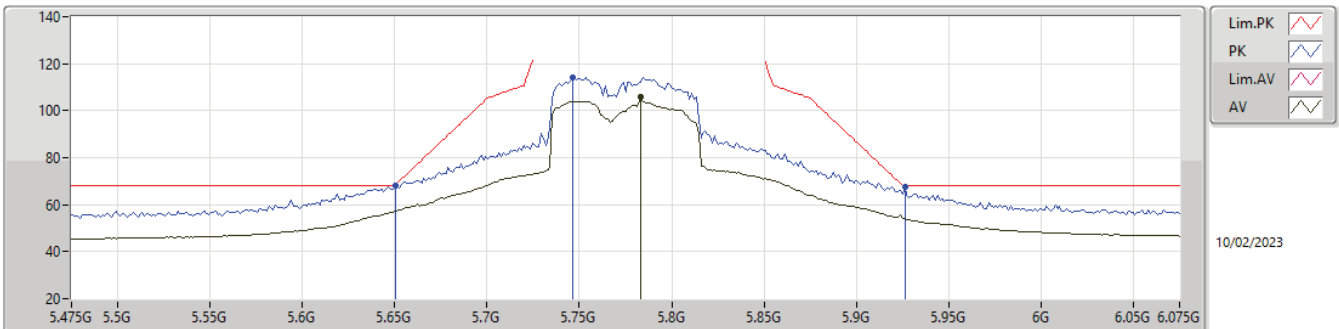
5775MHz_TX



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	5.7474G	100.00	Inf	-Inf	5.30	3	Vertical	0	1.35	94.70	33.68	6.16	34.54
PK	5.6502G	61.30	68.35	-7.05	4.55	3	Vertical	0	1.35	56.75	33.00	6.10	34.55
PK	5.7498G	110.63	Inf	-Inf	5.32	3	Vertical	0	1.35	105.31	33.70	6.16	34.54
PK	5.9322G	59.92	68.20	-8.28	5.94	3	Vertical	0	1.35	53.98	34.20	6.27	34.53

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

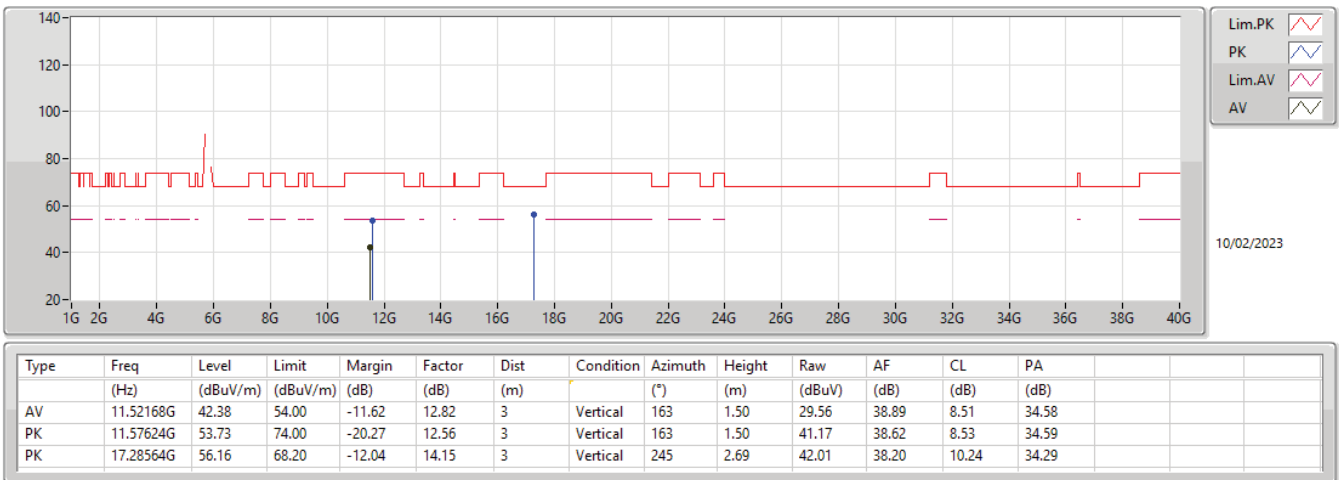
5775MHz_TX



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	5.7834G	105.89	Inf	-Inf	5.48	3	Horizontal	301	2.81	100.41	33.83	6.19	34.54
PK	5.6502G	67.86	68.35	-0.49	4.55	3	Horizontal	301	2.81	63.31	33.00	6.10	34.55
PK	5.7462G	114.35	Inf	-Inf	5.30	3	Horizontal	301	2.81	109.05	33.68	6.16	34.54
PK	5.9262G	67.54	68.20	-0.66	5.93	3	Horizontal	301	2.81	61.61	34.20	6.26	34.53

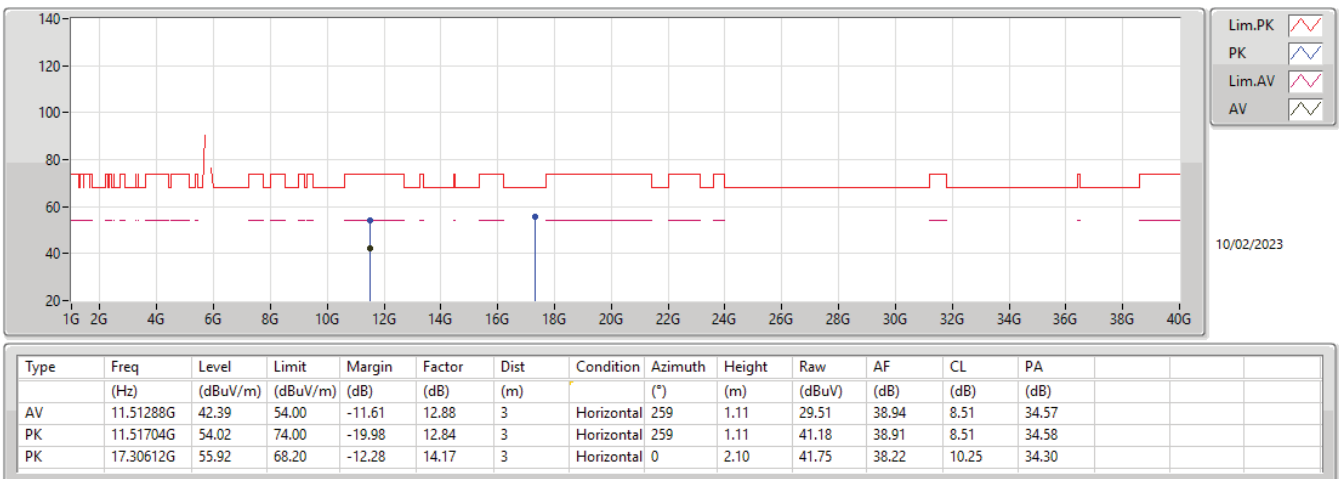
5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX



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

5775MHz_TX





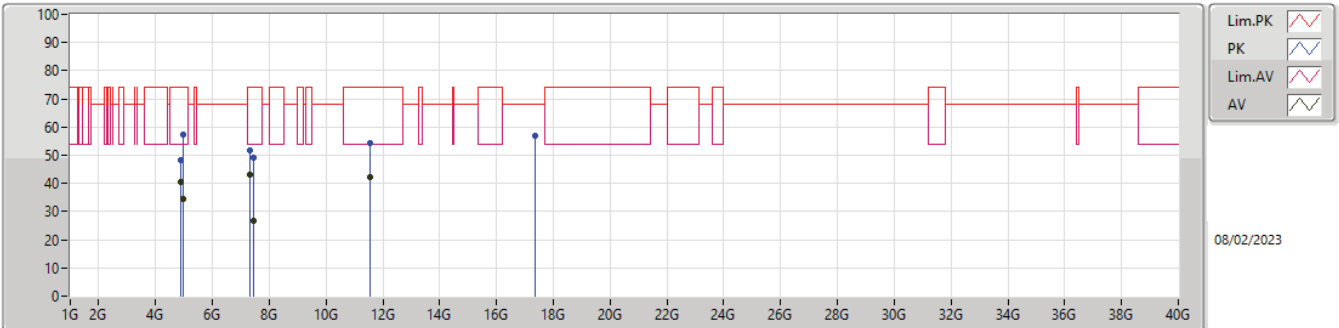
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	17.35912G	59.20	68.20	-9.00	Horizontal

**Result**

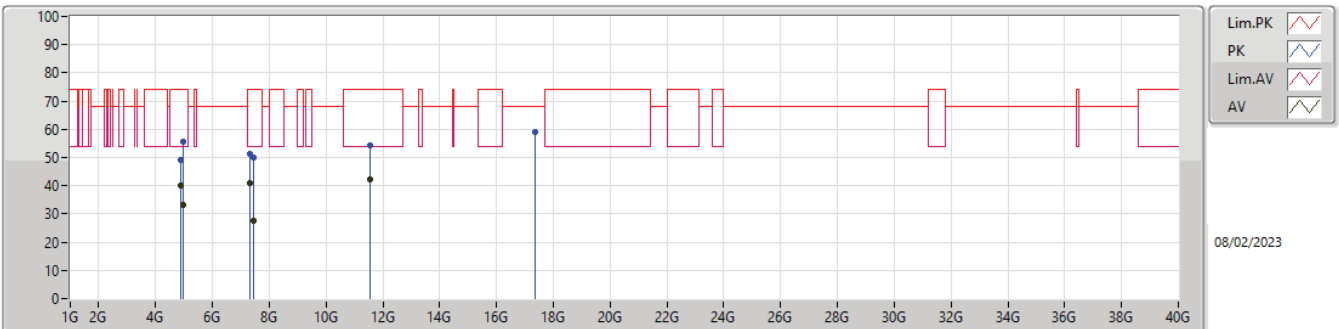
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87404G	40.60	54.00	-13.40	3	Vertical	197	1.69	-
Mode 1	Pass	AV	4.95963G	34.69	54.00	-19.31	3	Vertical	360	2.64	-
Mode 1	Pass	AV	7.31168G	42.98	54.00	-11.02	3	Vertical	360	1.85	-
Mode 1	Pass	AV	7.44232G	26.63	54.00	-27.37	3	Vertical	359	1.50	-
Mode 1	Pass	AV	11.56816G	42.28	54.00	-11.72	3	Vertical	23	1.48	-
Mode 1	Pass	PK	4.87392G	48.18	74.00	-25.82	3	Vertical	197	1.69	-
Mode 1	Pass	PK	4.95963G	57.19	74.00	-16.81	3	Vertical	360	2.64	-
Mode 1	Pass	PK	7.31124G	51.89	74.00	-22.11	3	Vertical	360	1.85	-
Mode 1	Pass	PK	7.44232G	49.13	74.00	-24.87	3	Vertical	359	1.50	-
Mode 1	Pass	PK	11.56748G	54.45	74.00	-19.55	3	Vertical	23	1.48	-
Mode 1	Pass	PK	17.35172G	56.77	68.20	-11.43	3	Vertical	346	1.50	-
Mode 1	Pass	AV	4.874G	40.15	54.00	-13.85	3	Horizontal	331	1.20	-
Mode 1	Pass	AV	4.95963G	33.19	54.00	-20.81	3	Horizontal	273	1.06	-
Mode 1	Pass	AV	7.31196G	40.82	54.00	-13.18	3	Horizontal	73	2.97	-
Mode 1	Pass	AV	7.43524G	27.58	54.00	-26.42	3	Horizontal	2	1.50	-
Mode 1	Pass	AV	11.5694G	42.03	54.00	-11.97	3	Horizontal	352	1.37	-
Mode 1	Pass	PK	4.87421G	49.14	74.00	-24.86	3	Horizontal	331	1.20	-
Mode 1	Pass	PK	4.95963G	55.69	74.00	-18.31	3	Horizontal	273	1.06	-
Mode 1	Pass	PK	7.31184G	51.13	74.00	-22.87	3	Horizontal	73	2.97	-
Mode 1	Pass	PK	7.43524G	50.08	74.00	-23.92	3	Horizontal	2	1.50	-
Mode 1	Pass	PK	11.56636G	54.10	74.00	-19.90	3	Horizontal	352	1.37	-
Mode 1	Pass	PK	17.35912G	59.20	68.20	-9.00	3	Horizontal	0	1.91	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87404G	40.60	54.00	-13.40	3.76	3	Vertical	197	1.69	-	36.84	32.70	5.71	34.65
AV	4.95963G	34.69	54.00	-19.31	4.15	3	Vertical	360	2.64	-	30.54	33.02	5.77	34.64
AV	7.31168G	42.98	54.00	-11.02	8.77	3	Vertical	360	1.85	-	34.21	36.73	6.82	34.78
AV	7.44232G	26.63	54.00	-27.37	8.40	3	Vertical	359	1.50	-	18.23	36.30	6.89	34.79
AV	11.56816G	42.28	54.00	-11.72	12.50	3	Vertical	23	1.48	-	29.78	38.56	8.53	34.59
PK	4.87392G	48.18	74.00	-25.82	3.76	3	Vertical	197	1.69	-	44.42	32.70	5.71	34.65
PK	4.95963G	57.19	74.00	-16.81	4.15	3	Vertical	360	2.64	-	53.04	33.02	5.77	34.64
PK	7.31124G	51.89	74.00	-22.11	8.77	3	Vertical	360	1.85	-	43.12	36.73	6.82	34.78
PK	7.44232G	49.13	74.00	-24.87	8.40	3	Vertical	359	1.50	-	40.73	36.30	6.89	34.79
PK	11.56748G	54.45	74.00	-19.55	12.51	3	Vertical	23	1.48	-	41.94	38.57	8.53	34.59
PK	17.35172G	56.77	68.20	-11.43	14.23	3	Vertical	346	1.50	-	42.54	38.30	10.26	34.33

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.874G	40.15	54.00	-13.85	3.76	3	Horizontal	331	1.20	-	36.39	32.70	5.71	34.65
AV	4.95963G	33.19	54.00	-20.81	4.15	3	Horizontal	273	1.06	-	29.04	33.02	5.77	34.64
AV	7.31196G	40.82	54.00	-13.18	8.77	3	Horizontal	73	2.97	-	32.05	36.73	6.82	34.78
AV	7.43524G	27.58	54.00	-26.42	8.40	3	Horizontal	2	1.50	-	19.18	36.30	6.89	34.79
AV	11.5694G	42.03	54.00	-11.97	12.50	3	Horizontal	352	1.37	-	29.53	38.56	8.53	34.59
PK	4.87421G	49.14	74.00	-24.86	3.76	3	Horizontal	331	1.20	-	45.38	32.70	5.71	34.65
PK	4.95963G	55.69	74.00	-18.31	4.15	3	Horizontal	273	1.06	-	51.54	33.02	5.77	34.64
PK	7.31184G	51.13	74.00	-22.87	8.77	3	Horizontal	73	2.97	-	42.36	36.73	6.82	34.78
PK	7.43524G	50.08	74.00	-23.92	8.40	3	Horizontal	2	1.50	-	41.68	36.30	6.89	34.79
PK	11.56636G	54.10	74.00	-19.90	12.51	3	Horizontal	352	1.37	-	41.59	38.57	8.53	34.59
PK	17.35912G	59.20	68.20	-9.00	14.24	3	Horizontal	0	1.91	-	44.96	38.32	10.26	34.34