

FCC Radio Test Report

FCC ID : UDX-600173010
Equipment : Z4 Teleworker Gateway
Brand Name : CISCO
Model Name : Z4-HW
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 19, 2024, and testing was started from Nov. 27, 2024 and completed on Dec. 31, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	10
2 TEST CONFIGURATION OF EUT.....	11
2.1 Test Channel Mode	11
2.2 The Worst Case Measurement Configuration.....	14
2.3 Accessories	15
2.4 Support Equipment.....	15
2.5 Test Setup Diagram	16
3 TRANSMITTER TEST RESULT	18
3.1 AC Power-line Conducted Emissions	18
3.2 Emission Bandwidth	20
3.3 Maximum Conducted Output Power	21
3.4 Peak Power Spectral Density.....	23
3.5 Unwanted Emissions.....	25
4 TEST EQUIPMENT AND CALIBRATION DATA.....	29
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	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:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu

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]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

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	Radio
1	SERCOMM	6172006CWA	PIFA antenna	I-PEX	Radio 1_5G Radio 2_2.4G
2	SERCOMM	6172006DWA	PIFA antenna	I-PEX	

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	3.8	4.5
2	2	3.6	5.1

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX)

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

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$



1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Resource Unit	☒ Full RU	☐ Partial RU	
	☐ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
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) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.963	0.16	1.981m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.8	0.97	5.45m	200
802.11ax HEW40_Nss1,(MCS0)_2TX	0.813	0.9	5.45m	200
802.11ax HEW80_Nss1,(MCS0)_2TX	0.798	0.98	5.45m	200

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.8	0.97	5.45m	200
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.813	0.9	5.45m	200
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.798	0.98	5.45m	200

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

**1.1.5 Table for Permissive Change**

This product is an extension of original one reported under Sporton project number: FR260327-01AN

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

Modifications	Performance Checking
Wi-Fi antenna optimize and layout change due to the modification of Wi-Fi antenna.	All RF test items

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	Andy Wang	21.1~21.5°C / 53~55%	31/Dec/2024
Radiated (Co-location)	03CH02-HY	Daniel Lin	19.8~21.2°C / 51~54%	05/Dec/2024
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Yuna Lin	21.7~23.4°C / 48~53%	27/Nov/2024~10/Dec/2024
Radiated	03CH26-HY	Ivan Chung	22.3~23.1°C / 53~56%	29/Nov/2024~03/Dec/2024

1.4 Measurement Uncertainty

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

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

Test Software Version	qdart_conn.win.1.0_installer_00081.1
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	18
5200MHz	20.5
5240MHz	20.5
5260MHz	16
5300MHz	16
5320MHz	16.5
5500MHz	17
5580MHz	17
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
5745MHz	19.5
5785MHz	19.5
5825MHz	19
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	20.5
5240MHz	21
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	17
5580MHz	17
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
5745MHz	20
5785MHz	23



Mode	Power Setting
5825MHz	19
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	14.5
5230MHz	19
5270MHz	18.5
5310MHz	17.5
5510MHz	18
5550MHz	19
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	17.5
5795MHz	21
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	12.5
5290MHz	15
5530MHz	15
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
5775MHz	16.5

**Beamforming**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	20.5
5240MHz	21
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	17
5580MHz	17
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
5745MHz	20
5785MHz	23
5825MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	14.5
5230MHz	19
5270MHz	16.5
5310MHz	16.5
5510MHz	17.5
5550MHz	17.5
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
5755MHz	17.5
5795MHz	21
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	12.5
5290MHz	15
5530MHz	15
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	18

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	Adapter 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	Adapter 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 - Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA450906-03 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter 1	Brand Name	FSP	Model Name	FSP050-DWAA1
	Power Rating	I/P: 100 - 240 Vac, 1.6 A ,50/60Hz, O/P: 54.0 Vdc, 0.93 A,50 W		
	Power Cord	1.5 meter, non-shielded cable, with ferrite core		
AC Adapter 2	Brand Name	UMEC	Model Name	UP0451H-54PP
	Power Rating	I/P: 100-240Vac, 2A ,50/60Hz, O/P: 54.0Vdc, 0.92A,50 W		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		
AC Adapter 3	Brand Name	LITEON	Model Name	PA-1500-54C1
	Power Rating	I/P: 100 - 240 Vac 50/60 Hz, 1.5 A, O/P: 54.0 Vdc, 0.925 A 50W		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Brand Name	NIENYI	Model Name	PLUG RJ45 8P8C 1000mm BLACK CAT.5E Patch Cord LFP
	Category	Cat5e	In/Out door	Indoor
	Signal Line	1 meter, non-shielded cable		

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

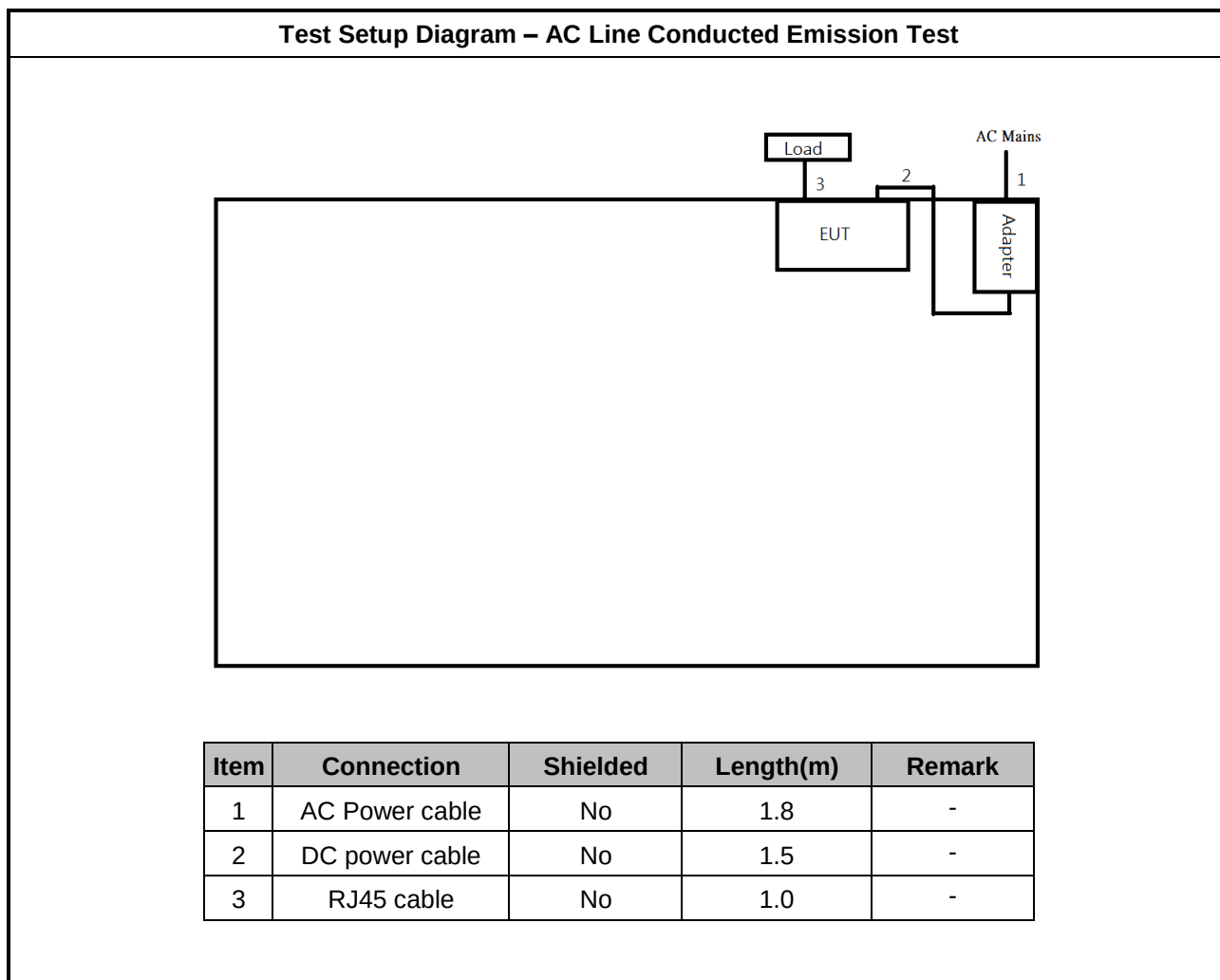
2.4 Support Equipment

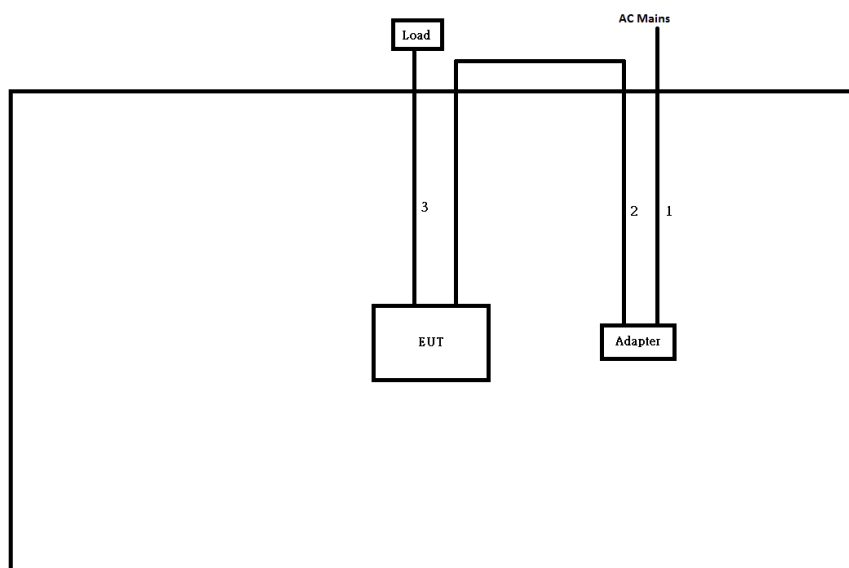
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power sync	PW-GPC180-3	-	-
2	Load	Sporton	Sporton	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power sync	PW-GPC180-3	-	-
2	Load	Sporton	Sporton	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC power cable	No	1.5	-
3	RJ45 cable	No	1.0	-

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

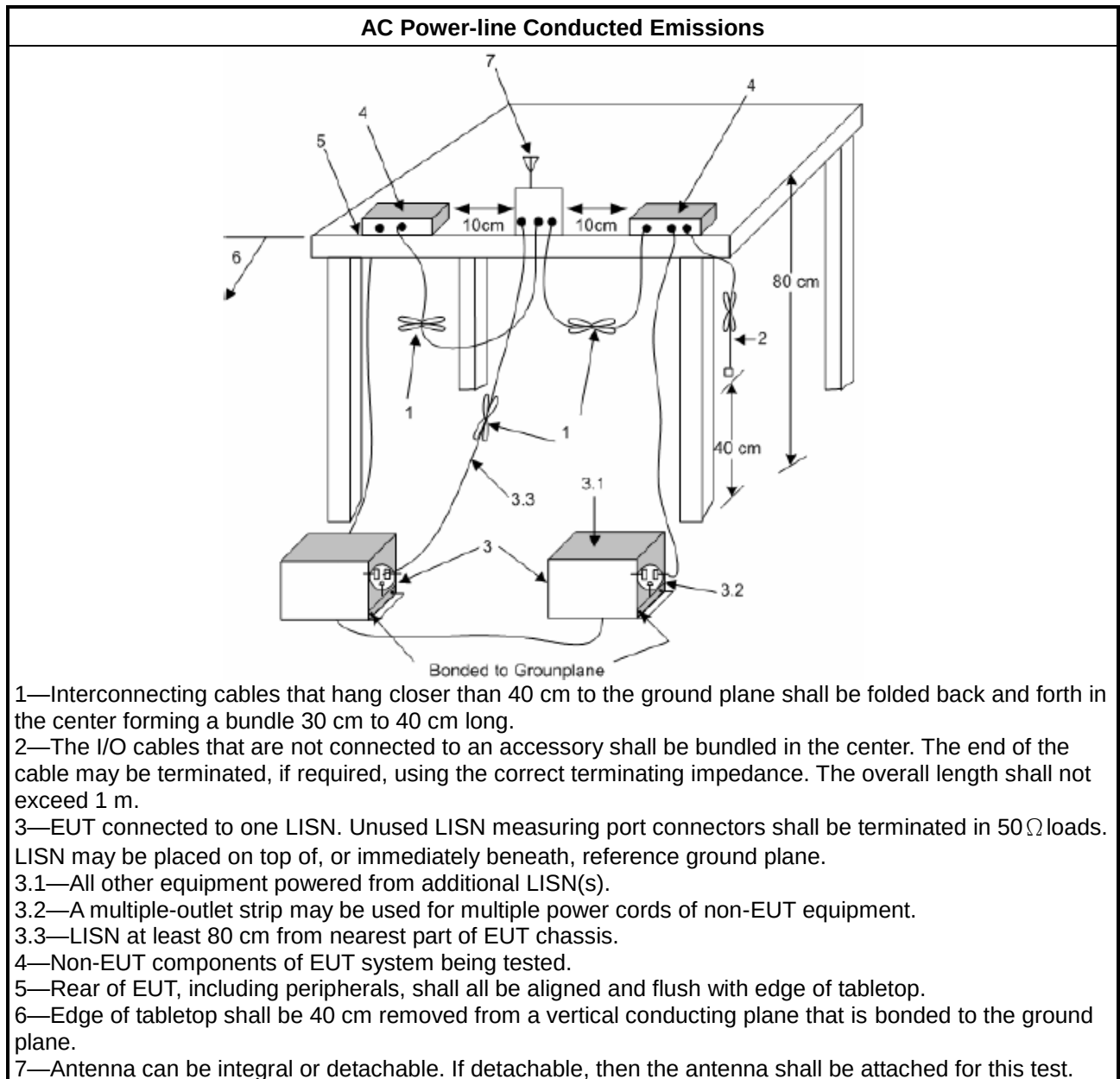
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

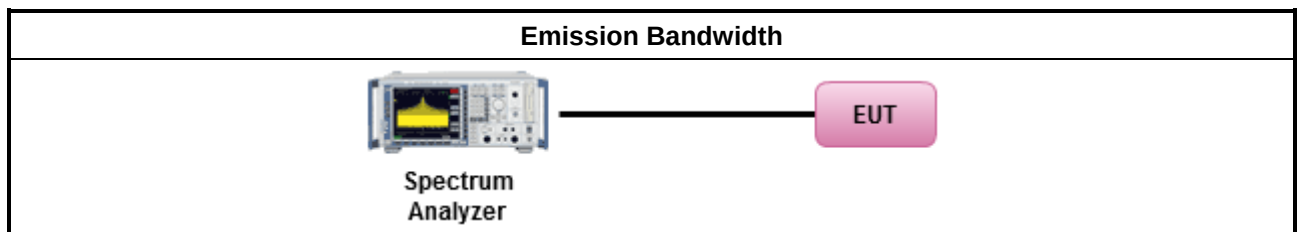
3.2.2 Measuring Instruments

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 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 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 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 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 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 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 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

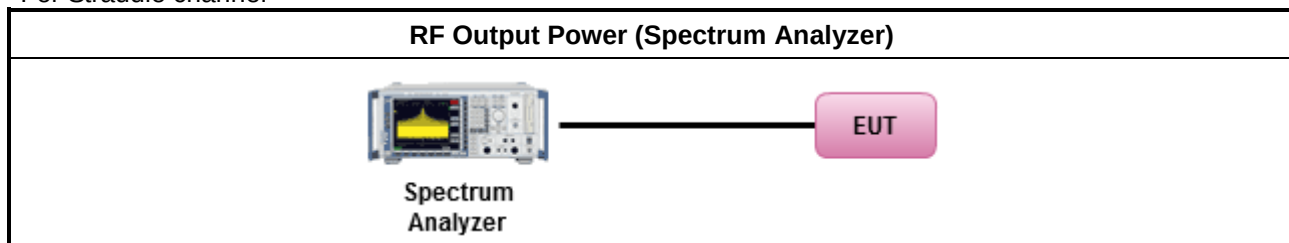
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

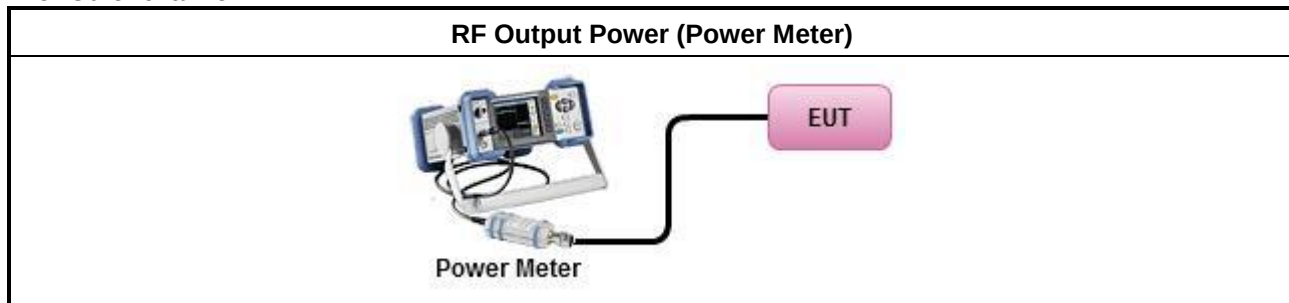
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup

For Straddle channel



For Other channel



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 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 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 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.	

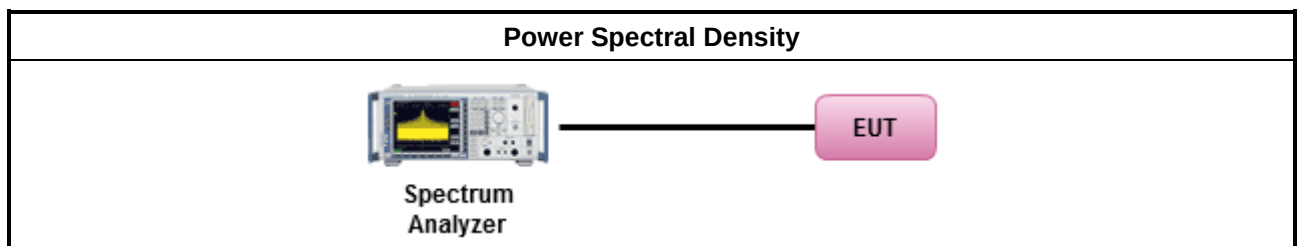
3.4.2 Measuring Instruments

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

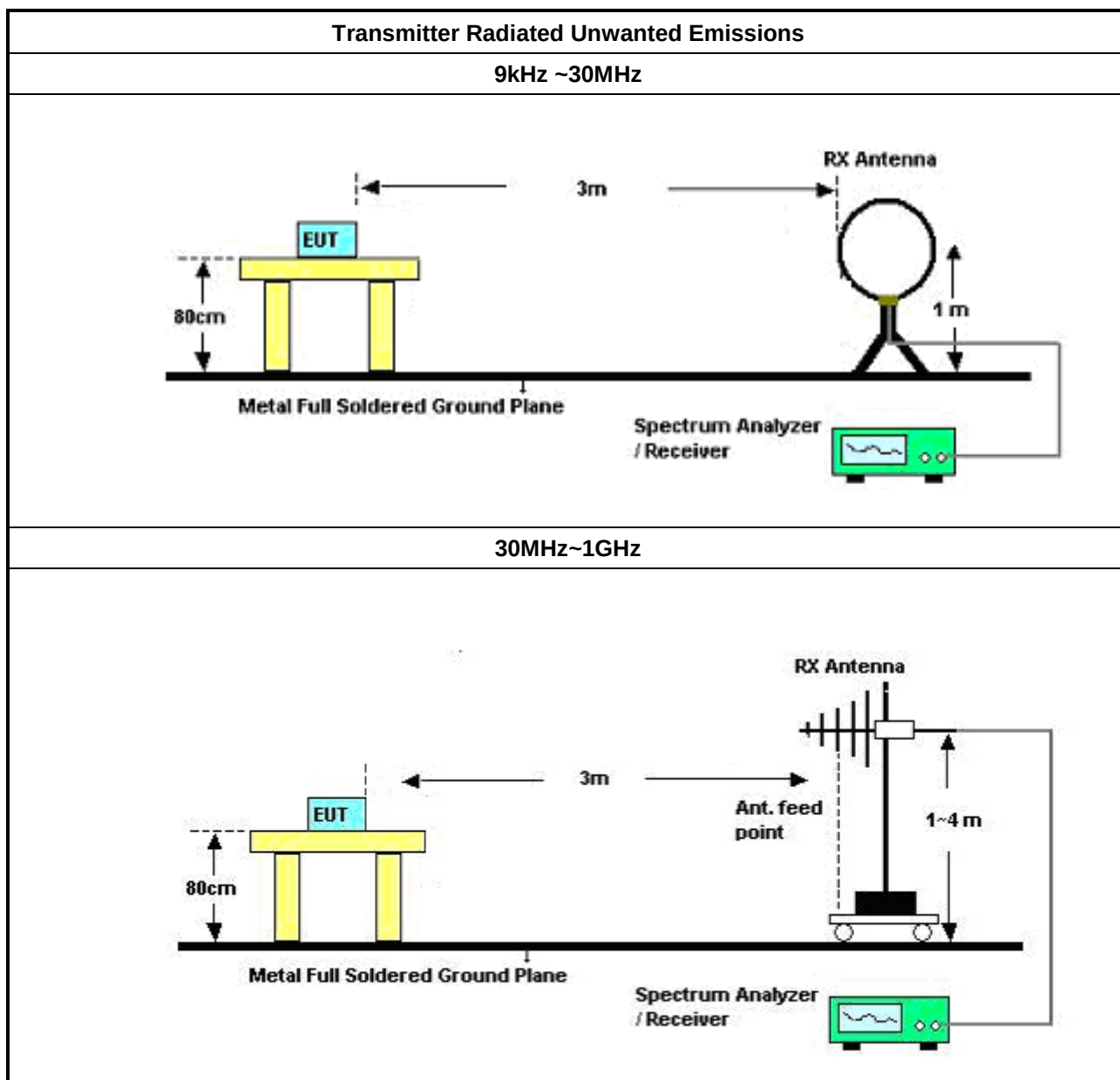
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.

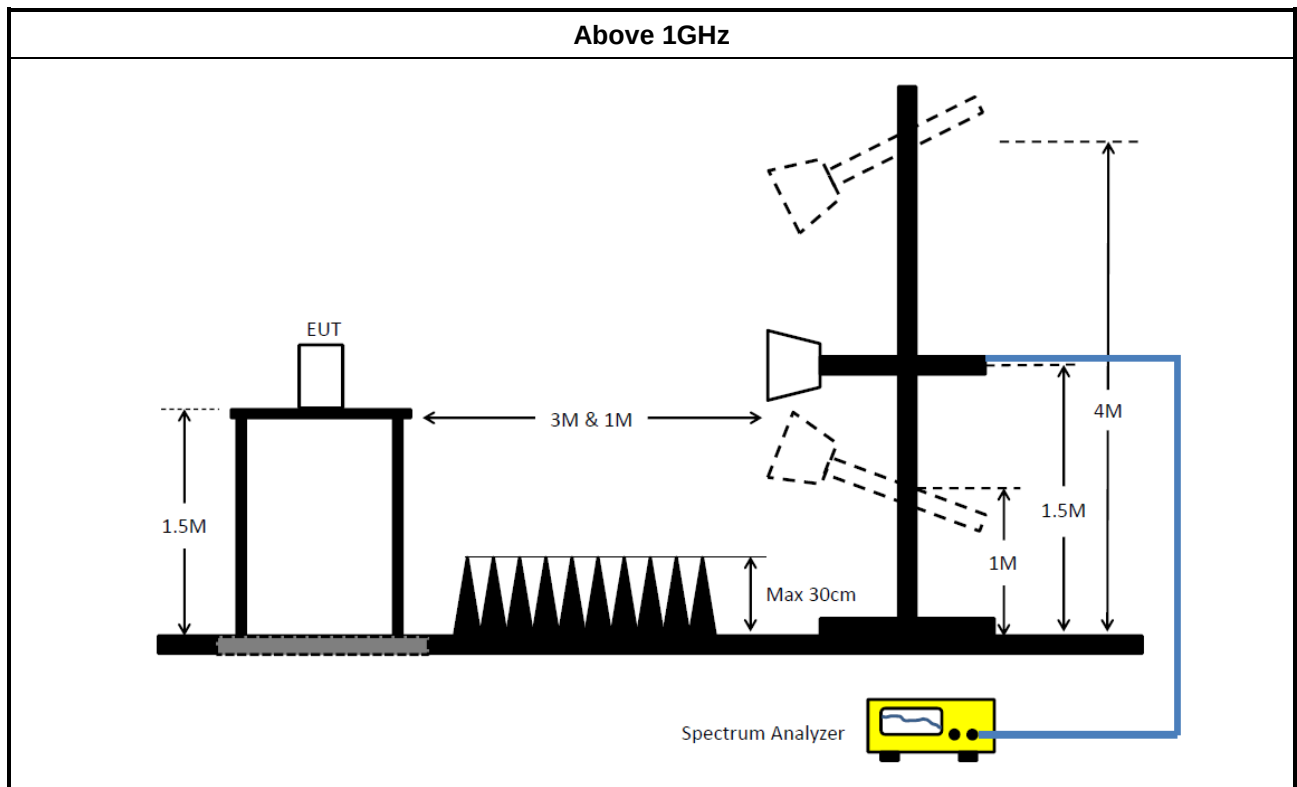
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier 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	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	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	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH26-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	07/Aug/2024	06/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	07/Aug/2024	06/Aug/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101411	10Hz~44GHz	09/Oct/2024	08/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	05/Jun/2024	04/Jun/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	9kHz~1GHz	21/Oct/2024	20/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	21/Oct/2024	20/Oct/2025
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	24/May/2024	23/May/2025
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~18GHz	15/Mar/2024	14/Mar/2025
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

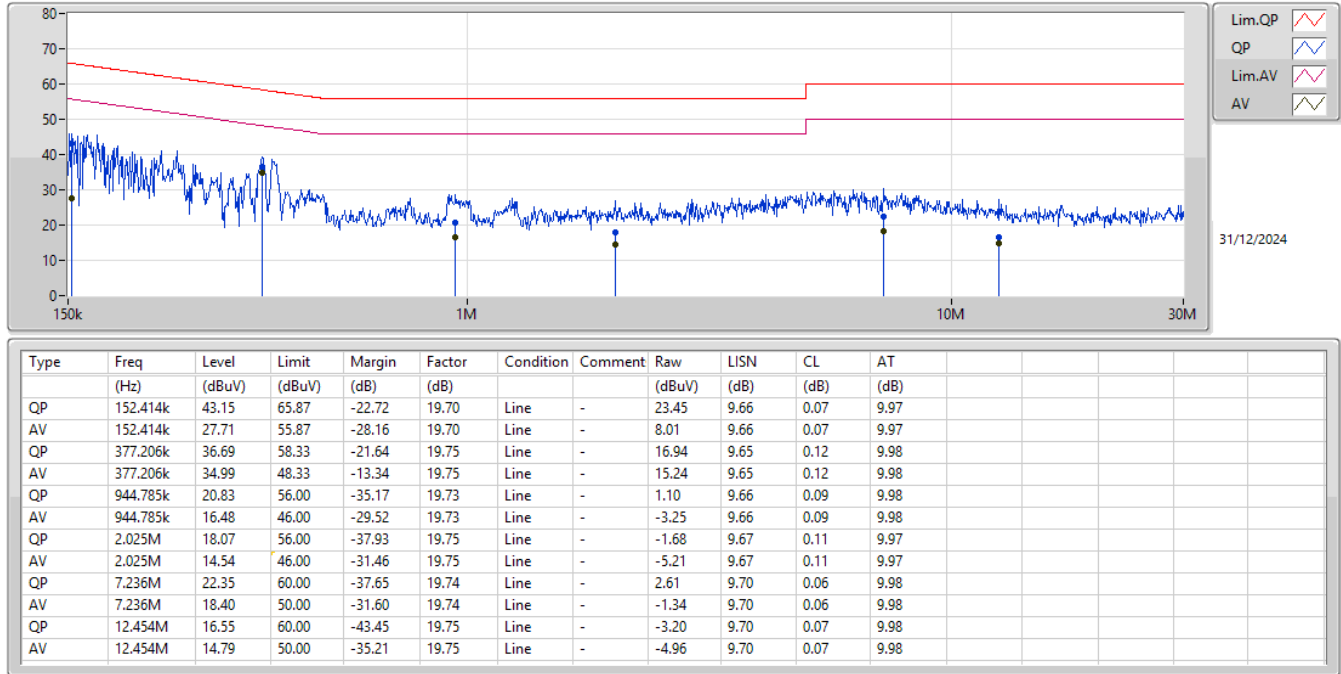
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	377.206k	34.99	48.33	-13.34	Line

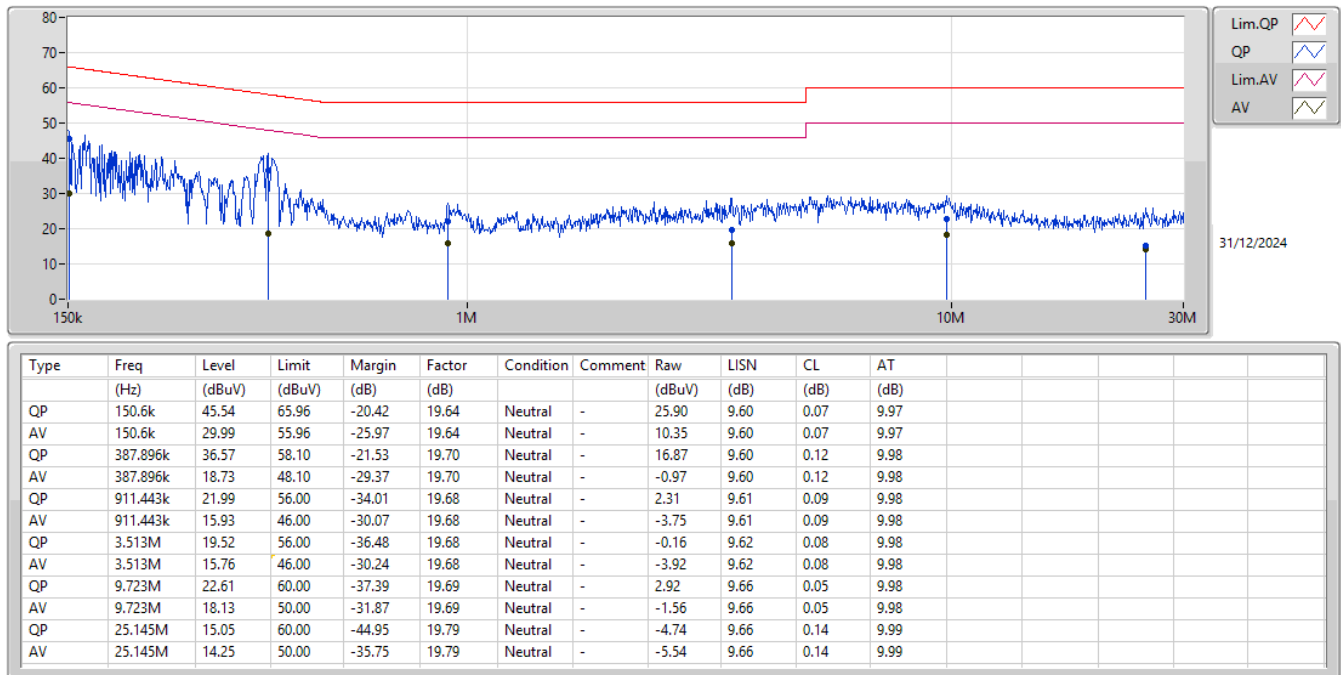
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	152.414k	43.15	65.87	-22.72	Line
Mode 1	Pass	AV	152.414k	27.71	55.87	-28.16	Line
Mode 1	Pass	QP	377.206k	36.69	58.33	-21.64	Line
Mode 1	Pass	AV	377.206k	34.99	48.33	-13.34	Line
Mode 1	Pass	QP	944.785k	20.83	56.00	-35.17	Line
Mode 1	Pass	AV	944.785k	16.48	46.00	-29.52	Line
Mode 1	Pass	QP	2.025M	18.07	56.00	-37.93	Line
Mode 1	Pass	AV	2.025M	14.54	46.00	-31.46	Line
Mode 1	Pass	QP	7.236M	22.35	60.00	-37.65	Line
Mode 1	Pass	AV	7.236M	18.40	50.00	-31.60	Line
Mode 1	Pass	QP	12.454M	16.55	60.00	-43.45	Line
Mode 1	Pass	AV	12.454M	14.79	50.00	-35.21	Line
Mode 1	Pass	QP	150.6k	45.54	65.96	-20.42	Neutral
Mode 1	Pass	AV	150.6k	29.99	55.96	-25.97	Neutral
Mode 1	Pass	QP	387.896k	36.57	58.10	-21.53	Neutral
Mode 1	Pass	AV	387.896k	18.73	48.10	-29.37	Neutral
Mode 1	Pass	QP	911.443k	21.99	56.00	-34.01	Neutral
Mode 1	Pass	AV	911.443k	15.93	46.00	-30.07	Neutral
Mode 1	Pass	QP	3.513M	19.52	56.00	-36.48	Neutral
Mode 1	Pass	AV	3.513M	15.76	46.00	-30.24	Neutral
Mode 1	Pass	QP	9.723M	22.61	60.00	-37.39	Neutral
Mode 1	Pass	AV	9.723M	18.13	50.00	-31.87	Neutral
Mode 1	Pass	QP	25.145M	15.05	60.00	-44.95	Neutral
Mode 1	Pass	AV	25.145M	14.25	50.00	-35.75	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



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)_2TX	27.775M	17.195M	17M2D1D	19.8M	16.294M
802.11ax HEW20_Nss1,(MCS0)_2TX	29.535M	19.04M	19M0D1D	20.405M	18.616M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.88M	37.331M	37M3D1D	38.83M	37.131M
802.11ax HEW80_Nss1,(MCS0)_2TX	79.2M	76.062M	76M1D1D	78.54M	75.962M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.415M	16.294M	16M3D1D	17.765M	16.228M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.295M	18.791M	18M8D1D	19.69M	18.591M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.6M	37.381M	37M4D1D	39.16M	37.131M
802.11ax HEW80_Nss1,(MCS0)_2TX	78.76M	75.862M	75M9D1D	78.32M	75.862M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.635M	16.294M	16M3D1D	14.055M	13.103M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.735M	18.691M	18M7D1D	14.685M	14.273M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.88M	37.381M	37M4D1D	34.37M	33.268M
802.11ax HEW80_Nss1,(MCS0)_2TX	79.42M	76.162M	76M2D1D	74.4M	72.264M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.335M	16.734M	16M7D1D	3.16M	3.498M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.37M	32.509M	32M5D1D	4.18M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	35.42M	56.022M	56M0D1D	4.02M	6.197M
802.11ax HEW80_Nss1,(MCS0)_2TX	71.28M	76.062M	76M1D1D	4.06M	15.732M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.56M	16.338M	19.8M	16.294M
5200MHz	Pass	Inf	26.785M	16.58M	27.775M	17.195M
5240MHz	Pass	Inf	25.96M	16.558M	25.025M	16.668M
5260MHz	Pass	Inf	17.765M	16.294M	18.865M	16.272M
5300MHz	Pass	Inf	18.92M	16.25M	19.415M	16.25M
5320MHz	Pass	Inf	18.81M	16.228M	17.93M	16.294M
5500MHz	Pass	Inf	19.635M	16.184M	19.305M	16.184M
5580MHz	Pass	Inf	18.48M	16.206M	19.195M	16.294M
5700MHz	Pass	Inf	18.37M	16.228M	19.195M	16.228M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.175M	13.133M	14.055M	13.103M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.498M	3.16M	3.498M
5745MHz	Pass	500k	14.685M	16.36M	15.73M	16.734M
5785MHz	Pass	500k	12.925M	16.448M	14.465M	16.624M
5825MHz	Pass	500k	16.28M	16.426M	16.335M	16.602M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.405M	18.641M	21.505M	18.616M
5200MHz	Pass	Inf	24.09M	18.866M	25.96M	19.04M
5240MHz	Pass	Inf	27.61M	18.991M	29.535M	18.991M
5260MHz	Pass	Inf	20.24M	18.591M	20.13M	18.616M
5300MHz	Pass	Inf	19.69M	18.616M	20.295M	18.616M
5320MHz	Pass	Inf	20.13M	18.791M	20.24M	18.741M
5500MHz	Pass	Inf	19.745M	18.641M	20.735M	18.666M
5580MHz	Pass	Inf	20.075M	18.691M	19.855M	18.591M
5700MHz	Pass	Inf	19.745M	18.666M	20.13M	18.691M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.685M	14.288M	14.91M	14.273M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.558M	4.18M	4.558M
5745MHz	Pass	500k	17.27M	18.841M	17.655M	18.991M
5785MHz	Pass	500k	18.37M	31.234M	17.985M	32.509M
5825MHz	Pass	500k	16.445M	18.816M	18.15M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	38.83M	37.131M	39.16M	37.231M
5230MHz	Pass	Inf	39.16M	37.331M	44.88M	37.181M
5270MHz	Pass	Inf	39.6M	37.181M	39.16M	37.381M
5310MHz	Pass	Inf	39.6M	37.131M	39.27M	37.331M
5510MHz	Pass	Inf	39.38M	37.381M	39.27M	37.231M
5550MHz	Pass	Inf	38.83M	37.281M	44.88M	37.331M
5670MHz	Pass	Inf	39.05M	37.281M	39.05M	36.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.93M	33.268M	34.37M	33.408M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	6.197M	4.04M	9.815M
5755MHz	Pass	500k	32.45M	37.381M	30.69M	37.431M
5795MHz	Pass	500k	35.42M	42.229M	35.2M	56.022M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	78.54M	76.062M	79.2M	75.962M
5290MHz	Pass	Inf	78.32M	75.862M	78.76M	75.862M
5530MHz	Pass	Inf	78.76M	75.962M	79.2M	75.962M
5610MHz	Pass	Inf	79.42M	75.962M	78.32M	76.162M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.4M	72.414M	74.775M	72.264M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.14M	15.732M	4.06M	26.047M
5775MHz	Pass	500k	65.78M	76.062M	71.28M	76.062M

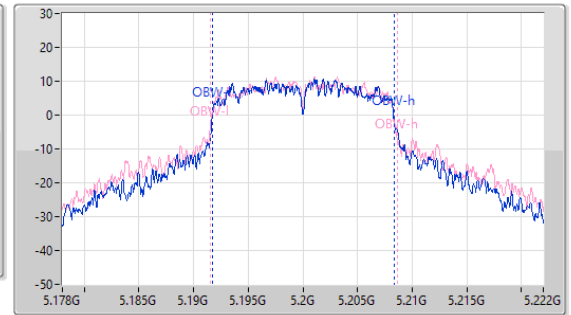
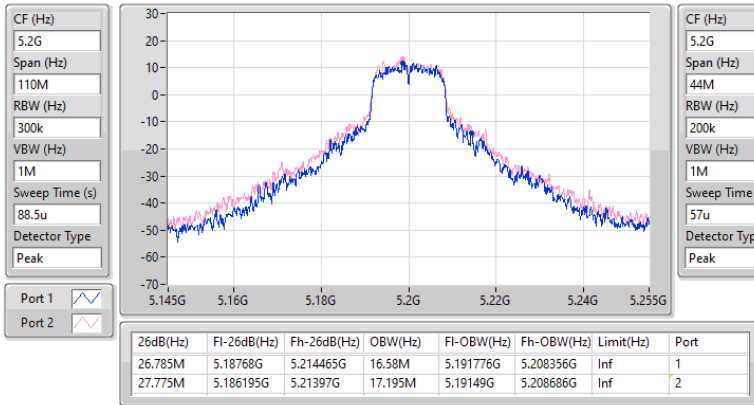
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

10/12/2024

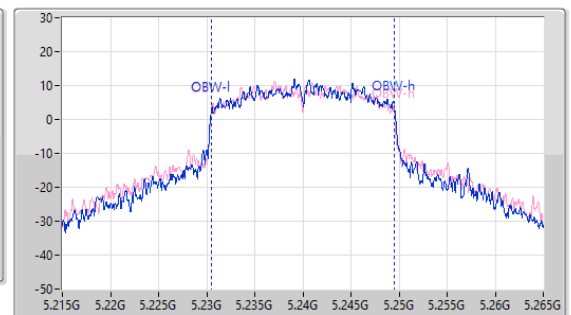
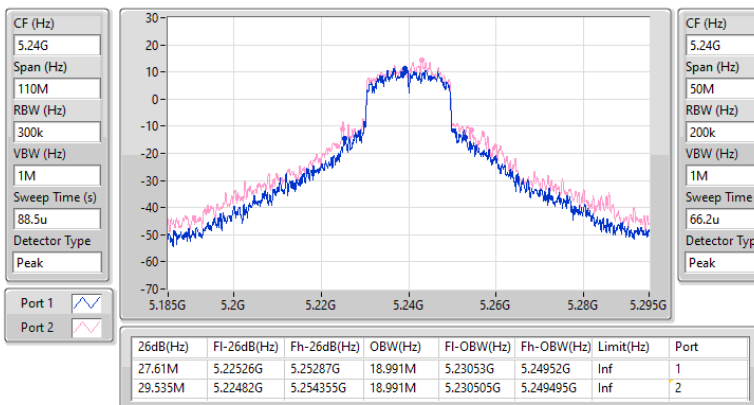


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

10/12/2024

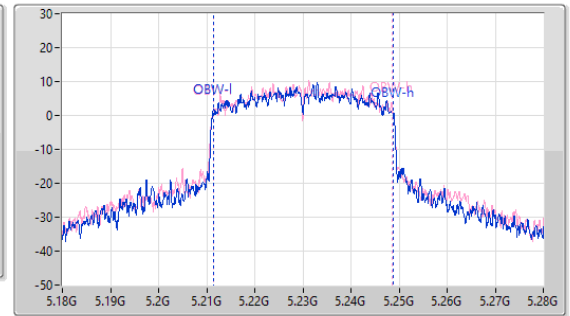
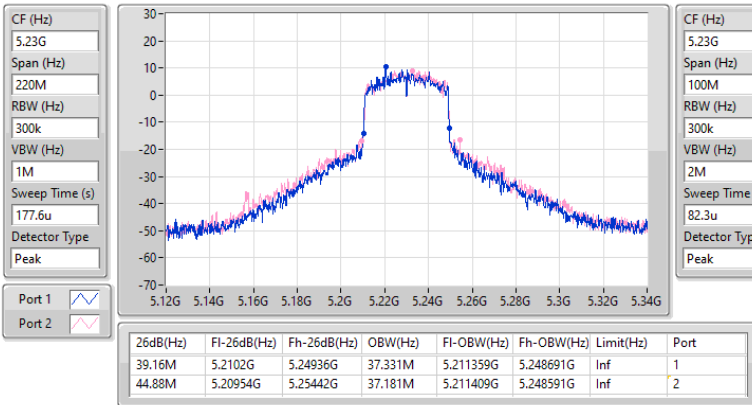


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

03/12/2024

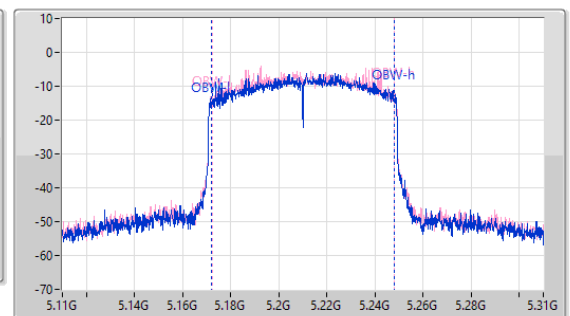
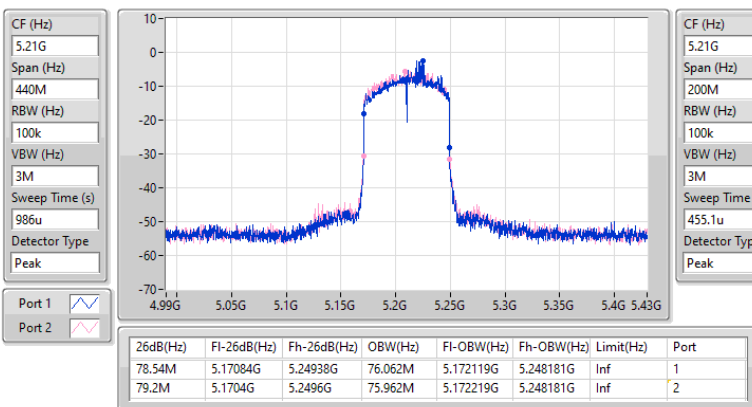


5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

05/12/2024

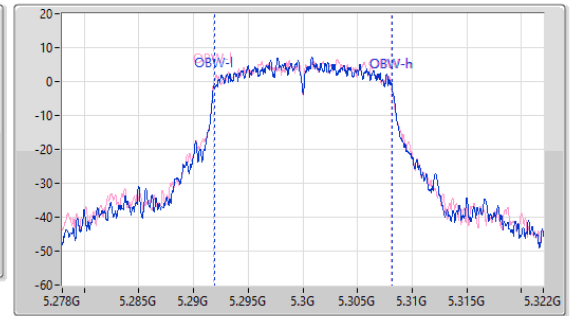
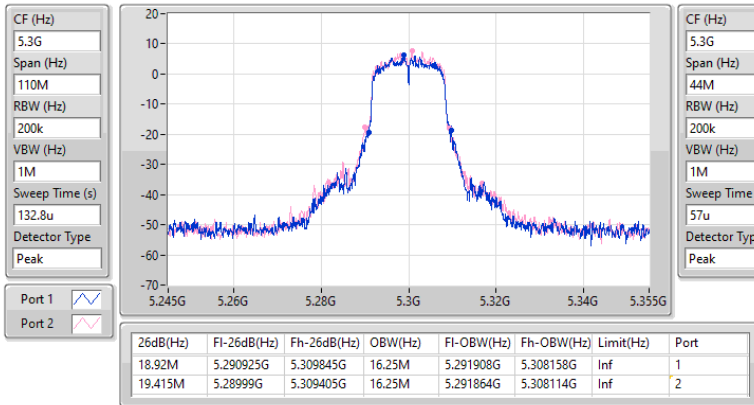


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

03/12/2024

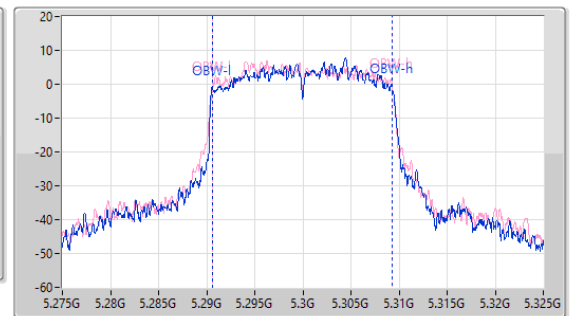
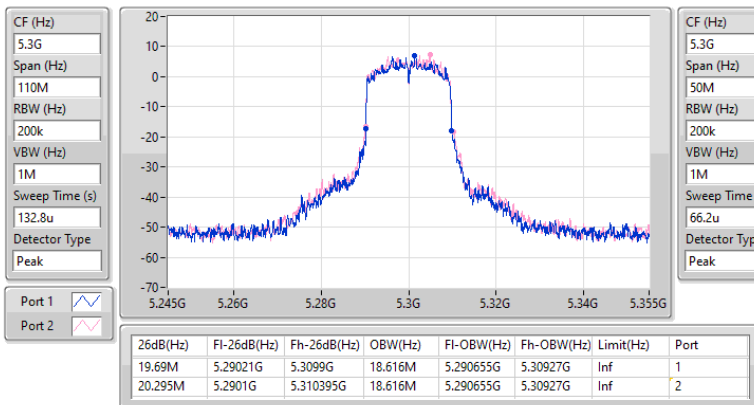


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

03/12/2024

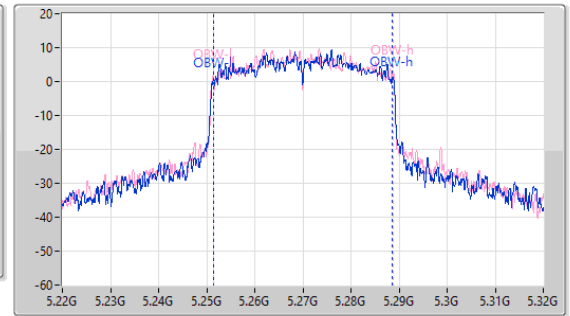
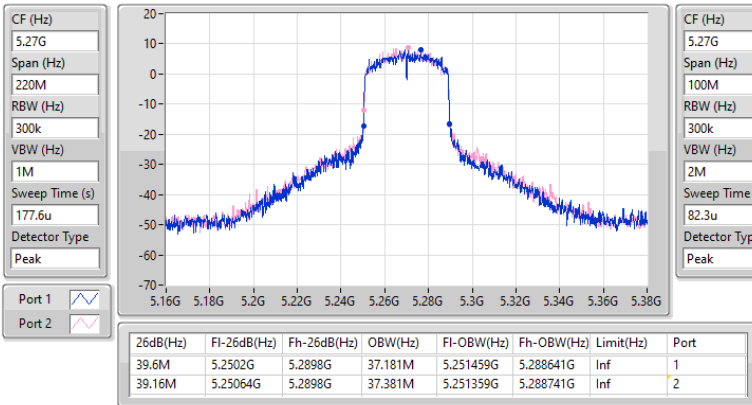


5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

03/12/2024

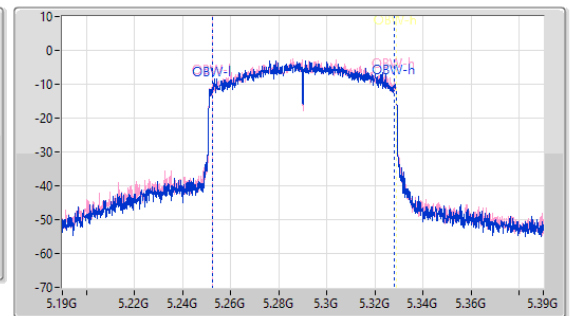
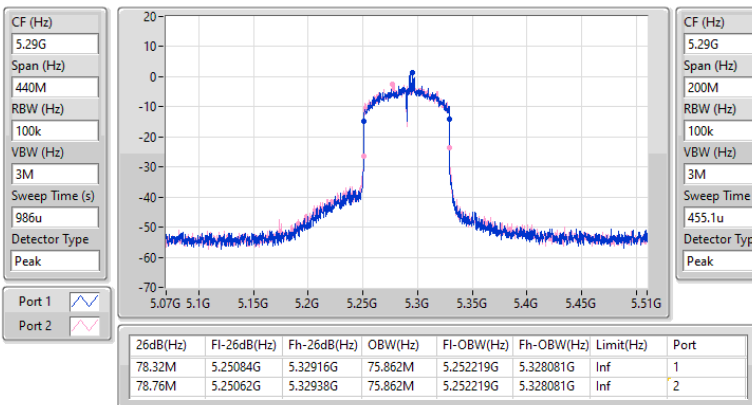


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EBW

5290MHz

03/12/2024

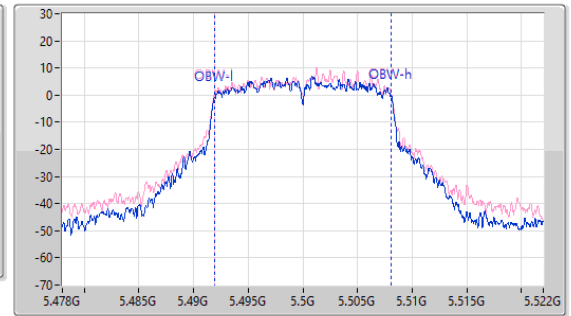
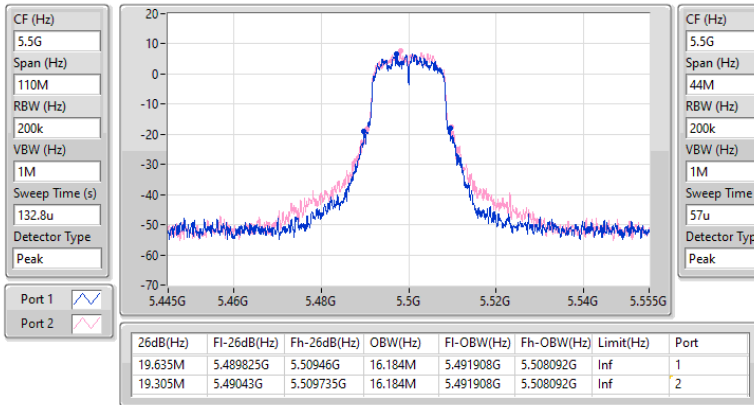


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

03/12/2024

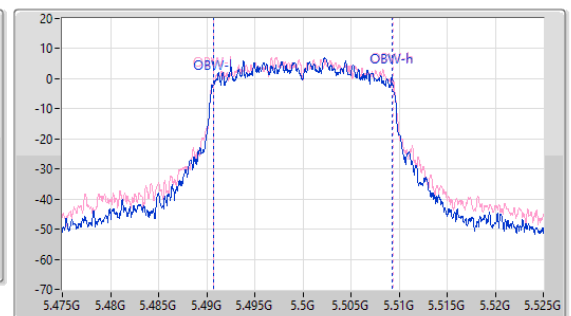
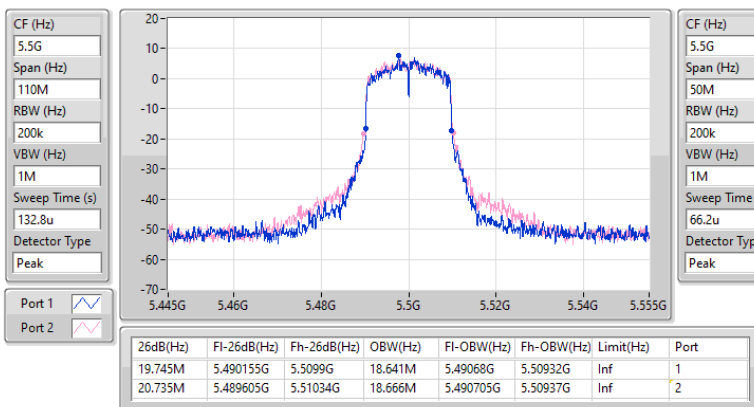


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

03/12/2024

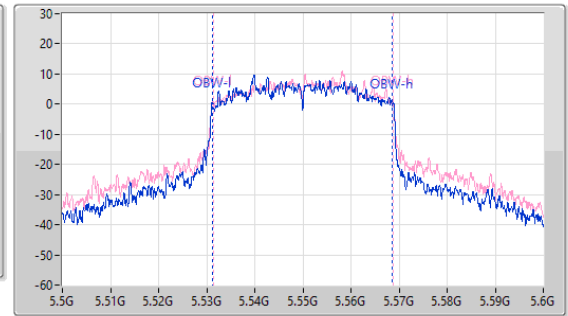
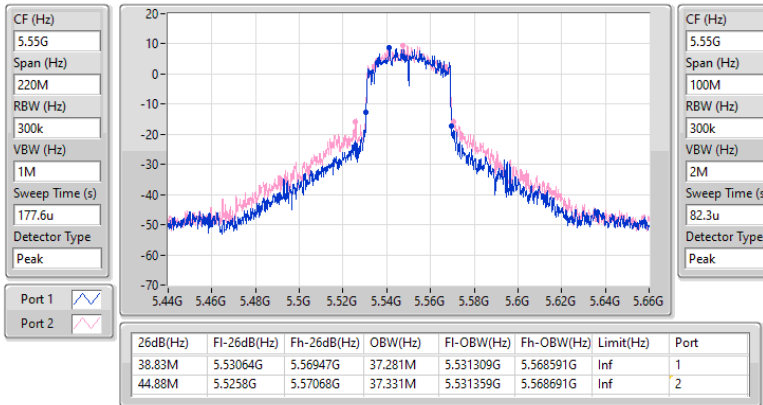


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

03/12/2024

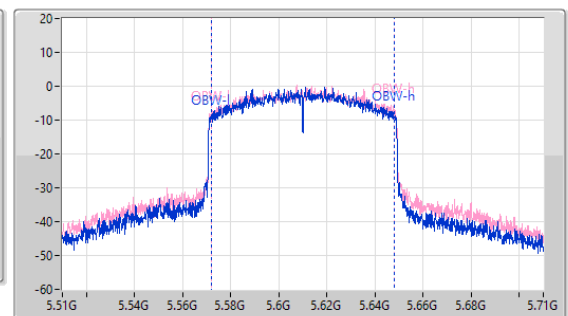
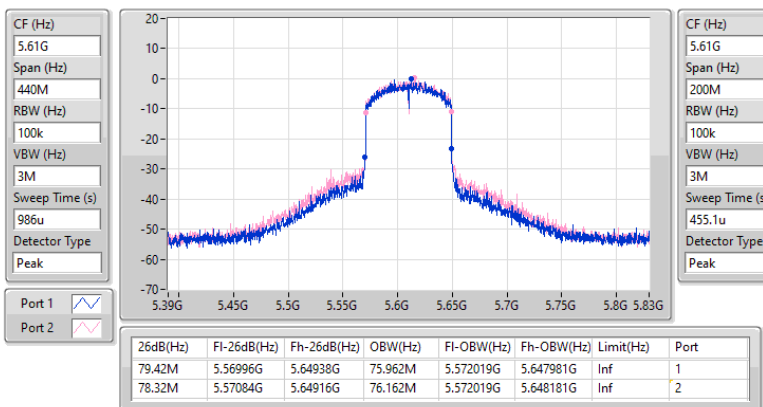


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

03/12/2024

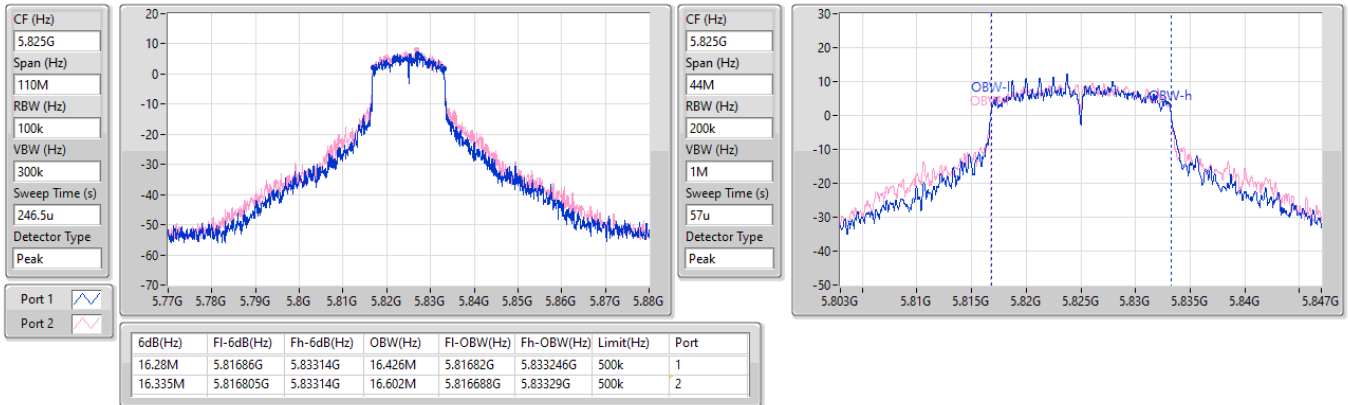


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

03/12/2024

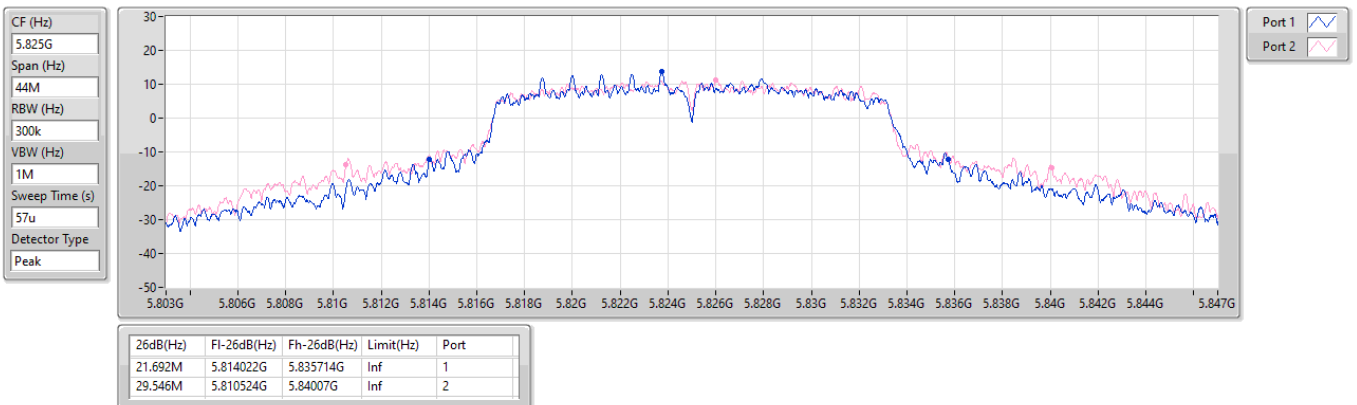


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

03/12/2024

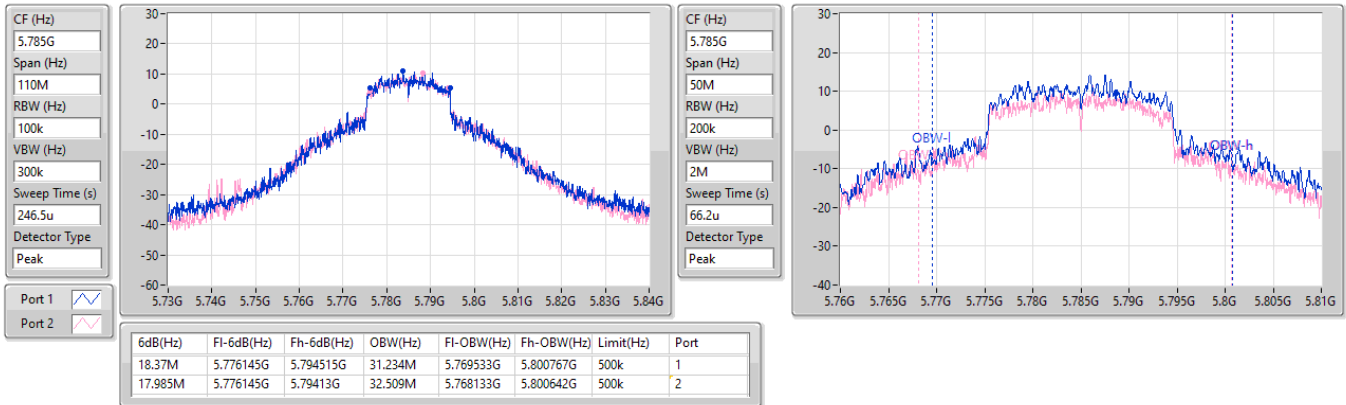


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

10/12/2024

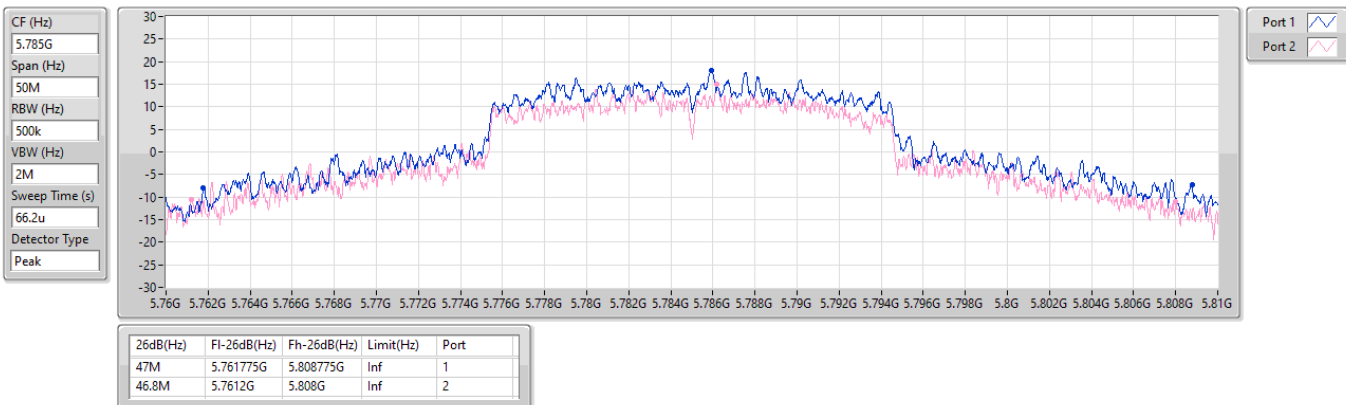


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

10/12/2024

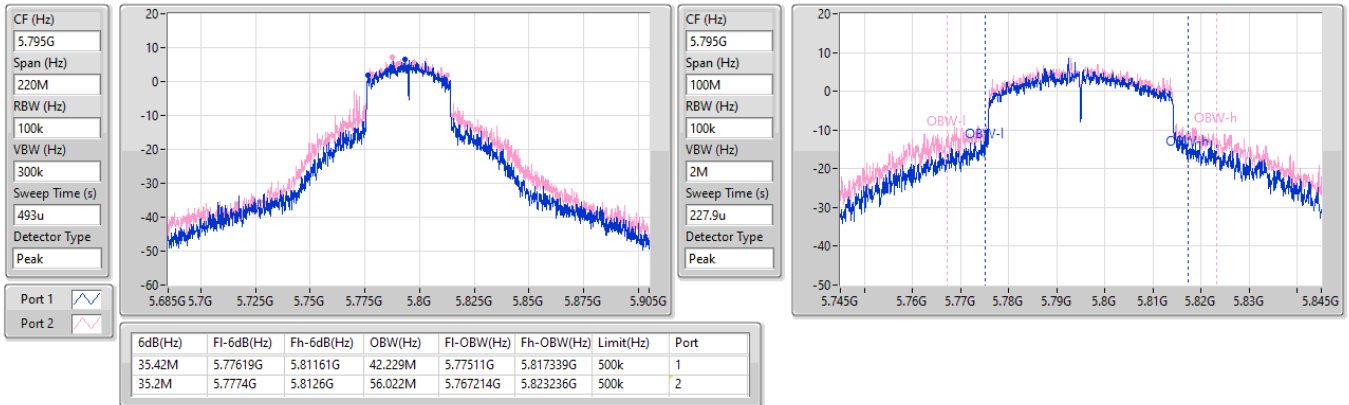


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

03/12/2024

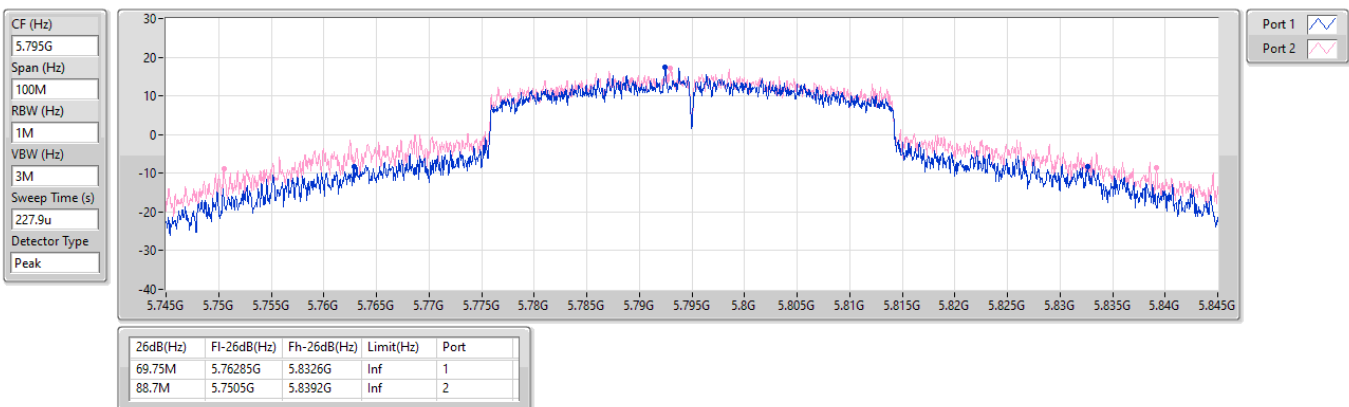


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

03/12/2024

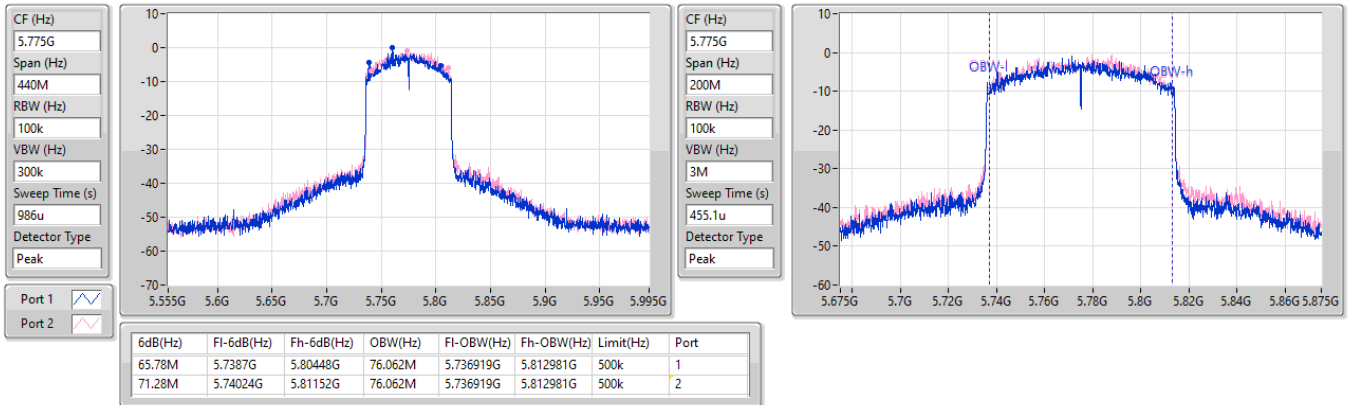


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

03/12/2024

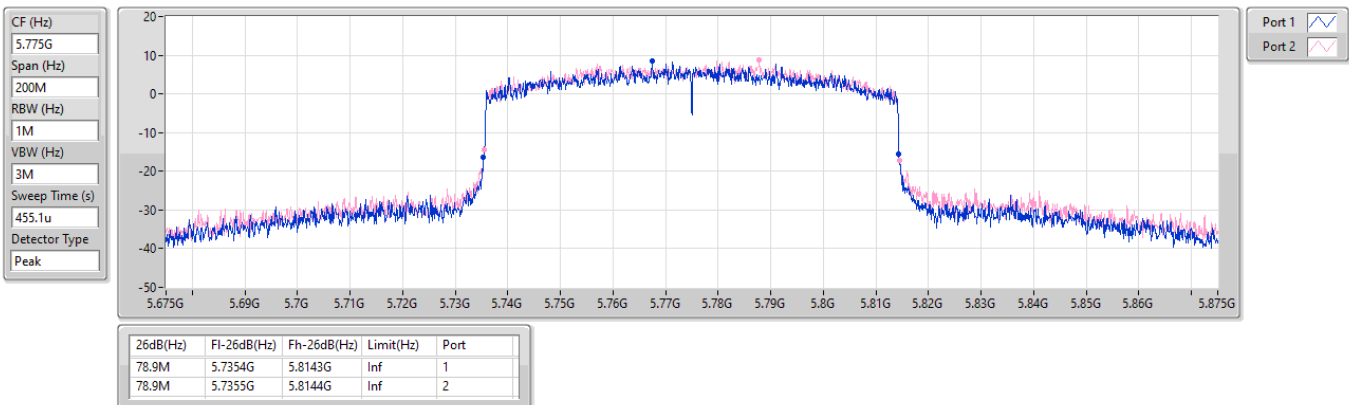


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

03/12/2024





Average Power_Non-Beamforming

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.96	0.31333
802.11ax HEW20_Nss1,(MCS0)_2TX	25.38	0.34514
802.11ax HEW40_Nss1,(MCS0)_2TX	23.89	0.24491
802.11ax HEW80_Nss1,(MCS0)_2TX	17.05	0.05070
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.06	0.12764
802.11ax HEW20_Nss1,(MCS0)_2TX	20.79	0.11995
802.11ax HEW40_Nss1,(MCS0)_2TX	23.38	0.21777
802.11ax HEW80_Nss1,(MCS0)_2TX	19.76	0.09462
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.02	0.12647
802.11ax HEW20_Nss1,(MCS0)_2TX	20.97	0.12503
802.11ax HEW40_Nss1,(MCS0)_2TX	23.04	0.20137
802.11ax HEW80_Nss1,(MCS0)_2TX	23.01	0.19999
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.45	0.27861
802.11ax HEW20_Nss1,(MCS0)_2TX	27.06	0.50816
802.11ax HEW40_Nss1,(MCS0)_2TX	26.36	0.43251
802.11ax HEW80_Nss1,(MCS0)_2TX	21.25	0.13335



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.10	18.94	20.02	22.52	30.00
5200MHz	Pass	5.10	21.42	22.36	24.93	30.00
5240MHz	Pass	5.10	21.73	22.16	24.96	30.00
5260MHz	Pass	5.10	17.52	17.95	20.75	23.50
5300MHz	Pass	5.10	17.51	17.99	20.77	23.77
5320MHz	Pass	5.10	17.73	18.35	21.06	23.54
5500MHz	Pass	5.10	17.32	18.49	20.95	23.86
5580MHz	Pass	5.10	17.59	18.39	21.02	23.67
5700MHz	Pass	5.10	17.44	18.36	20.93	23.64
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.88	17.67	20.30	22.48
5720MHz Straddle 5.725-5.85GHz	Pass	5.10	9.13	10.21	12.71	30.00
5745MHz	Pass	5.10	20.87	21.94	24.45	30.00
5785MHz	Pass	5.10	20.56	21.85	24.26	30.00
5825MHz	Pass	5.10	20.30	21.10	23.73	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.10	18.49	19.45	22.01	30.00
5200MHz	Pass	5.10	21.45	22.49	25.01	30.00
5240MHz	Pass	5.10	21.85	22.84	25.38	30.00
5260MHz	Pass	5.10	17.59	17.96	20.79	23.98
5300MHz	Pass	5.10	17.44	18.01	20.74	23.94
5320MHz	Pass	5.10	17.29	17.87	20.60	23.98
5500MHz	Pass	5.10	16.85	18.04	20.50	23.95
5580MHz	Pass	5.10	17.56	18.33	20.97	23.98
5700MHz	Pass	5.10	16.98	17.86	20.45	23.95
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.27	17.21	19.78	22.67
5720MHz Straddle 5.725-5.85GHz	Pass	5.10	9.35	10.36	12.89	30.00
5745MHz	Pass	5.10	20.99	22.06	24.57	30.00
5785MHz	Pass	5.10	23.98	24.11	27.06	30.00
5825MHz	Pass	5.10	19.91	20.99	23.49	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.10	15.51	16.55	19.07	30.00
5230MHz	Pass	5.10	20.36	21.34	23.89	30.00
5270MHz	Pass	5.10	20.21	20.53	23.38	23.98
5310MHz	Pass	5.10	18.97	19.54	22.27	23.98
5510MHz	Pass	5.10	18.45	19.41	21.97	23.98
5550MHz	Pass	5.10	19.53	20.48	23.04	23.98
5670MHz	Pass	5.10	18.90	19.80	22.38	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	19.33	20.36	22.89	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.10	7.14	8.12	10.67	30.00
5755MHz	Pass	5.10	19.08	20.06	22.61	30.00
5795MHz	Pass	5.10	22.58	24.00	26.36	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.10	13.65	14.39	17.05	30.00
5290MHz	Pass	5.10	16.52	16.97	19.76	23.98
5530MHz	Pass	5.10	14.56	16.50	18.65	23.98
5610MHz	Pass	5.10	18.77	19.07	21.93	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	19.35	20.56	23.01	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.10	2.45	3.63	6.09	30.00
5775MHz	Pass	5.10	17.96	18.51	21.25	30.00

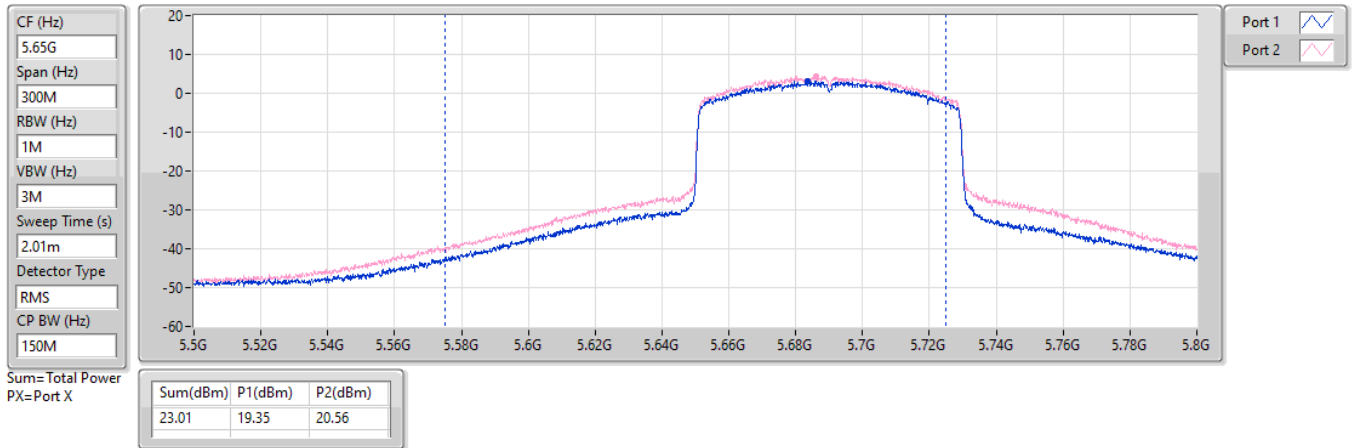
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

03/12/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.38	0.34514
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.89	0.24491
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	17.05	0.05070
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.79	0.11995
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.26	0.13366
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.76	0.09462
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.97	0.12503
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.42	0.13868
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.31	0.13521
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.06	0.50816
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.36	0.43251
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.25	0.13335

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.82	18.49	19.45	22.01	28.18
5200MHz	Pass	7.82	21.45	22.49	25.01	28.18
5240MHz	Pass	7.82	21.85	22.84	25.38	28.18
5260MHz	Pass	7.82	17.59	17.96	20.79	22.16
5300MHz	Pass	7.82	17.44	18.01	20.74	22.12
5320MHz	Pass	7.82	17.29	17.87	20.60	22.16
5500MHz	Pass	7.82	16.85	18.04	20.50	22.13
5580MHz	Pass	7.82	17.56	18.33	20.97	22.16
5700MHz	Pass	7.82	16.98	17.86	20.45	22.13
5720MHz Straddle 5.47-5.725GHz	Pass	7.82	16.27	17.21	19.78	20.85
5720MHz Straddle 5.725-5.85GHz	Pass	7.82	9.35	10.36	12.89	28.18
5745MHz	Pass	7.82	20.99	22.06	24.57	28.18
5785MHz	Pass	7.82	23.98	24.11	27.06	28.18
5825MHz	Pass	7.82	19.91	20.99	23.49	28.18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.82	15.51	16.55	19.07	28.18
5230MHz	Pass	7.82	20.36	21.34	23.89	28.18
5270MHz	Pass	7.82	18.11	18.38	21.26	22.16
5310MHz	Pass	7.82	17.87	18.4	21.15	22.16
5510MHz	Pass	7.82	17.84	18.79	21.35	22.16
5550MHz	Pass	7.82	17.89	18.88	21.42	22.16
5670MHz	Pass	7.82	17.8	18.66	21.26	22.16
5710MHz Straddle 5.47-5.725GHz	Pass	7.82	17.75	18.85	21.35	22.16
5710MHz Straddle 5.725-5.85GHz	Pass	7.82	5.2	6.36	8.83	28.18
5755MHz	Pass	7.82	19.08	20.06	22.61	28.18
5795MHz	Pass	7.82	22.58	24	26.36	28.18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.82	13.65	14.39	17.05	28.18
5290MHz	Pass	7.82	16.52	16.97	19.76	22.16
5530MHz	Pass	7.82	14.56	16.5	18.65	22.16
5610MHz	Pass	7.82	18.16	18.44	21.31	22.16
5690MHz Straddle 5.47-5.725GHz	Pass	7.82	17.79	18.75	21.31	22.16
5690MHz Straddle 5.725-5.85GHz	Pass	7.82	0.78	1.93	4.40	28.18
5775MHz	Pass	7.82	17.96	18.51	21.25	28.18

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.00
802.11ax HEW20_Nss1,(MCS0)_2TX	13.38
802.11ax HEW40_Nss1,(MCS0)_2TX	9.49
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.38
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.07
802.11ax HEW20_Nss1,(MCS0)_2TX	9.16
802.11ax HEW40_Nss1,(MCS0)_2TX	9.04
802.11ax HEW80_Nss1,(MCS0)_2TX	2.58
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.97
802.11ax HEW20_Nss1,(MCS0)_2TX	8.95
802.11ax HEW40_Nss1,(MCS0)_2TX	8.81
802.11ax HEW80_Nss1,(MCS0)_2TX	5.59
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.92
802.11ax HEW20_Nss1,(MCS0)_2TX	13.63
802.11ax HEW40_Nss1,(MCS0)_2TX	10.18
802.11ax HEW80_Nss1,(MCS0)_2TX	2.60

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.82	7.14	8.24	10.52	15.18
5200MHz	Pass	7.82	9.51	10.15	12.75	15.18
5240MHz	Pass	7.82	9.86	10.34	13.00	15.18
5260MHz	Pass	7.82	5.60	6.07	8.78	9.18
5300MHz	Pass	7.82	5.65	6.11	8.81	9.18
5320MHz	Pass	7.82	5.89	6.40	9.07	9.18
5500MHz	Pass	7.82	5.40	6.54	8.97	9.18
5580MHz	Pass	7.82	5.67	6.41	8.95	9.18
5700MHz	Pass	7.82	5.43	6.51	8.97	9.18
5720MHz Straddle 5.47-5.725GHz	Pass	7.82	5.55	6.39	8.80	9.18
5720MHz Straddle 5.725-5.85GHz	Pass	7.82	2.76	3.27	5.96	28.18
5745MHz	Pass	7.82	7.52	8.52	10.92	28.18
5785MHz	Pass	7.82	7.46	8.55	10.92	28.18
5825MHz	Pass	7.82	6.92	7.84	10.26	28.18
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.82	7.15	8.14	10.54	15.18
5200MHz	Pass	7.82	9.62	10.35	12.92	15.18
5240MHz	Pass	7.82	10.32	10.67	13.38	15.18
5260MHz	Pass	7.82	5.94	6.42	9.11	9.18
5300MHz	Pass	7.82	5.89	6.46	9.16	9.18
5320MHz	Pass	7.82	5.86	6.44	9.10	9.18
5500MHz	Pass	7.82	5.29	6.50	8.92	9.18
5580MHz	Pass	7.82	5.60	6.33	8.91	9.18
5700MHz	Pass	7.82	5.54	6.23	8.83	9.18
5720MHz Straddle 5.47-5.725GHz	Pass	7.82	5.37	6.54	8.95	9.18
5720MHz Straddle 5.725-5.85GHz	Pass	7.82	2.68	3.42	6.02	28.18
5745MHz	Pass	7.82	7.89	9.03	11.46	28.18
5785MHz	Pass	7.82	10.70	10.67	13.63	28.18
5825MHz	Pass	7.82	7.02	7.77	10.39	28.18
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.82	1.18	2.29	4.63	15.18
5230MHz	Pass	7.82	6.26	6.82	9.49	15.18
5270MHz	Pass	7.82	5.90	6.23	9.04	9.18
5310MHz	Pass	7.82	4.65	5.28	7.97	9.18
5510MHz	Pass	7.82	4.16	5.18	7.68	9.18
5550MHz	Pass	7.82	5.29	6.14	8.65	9.18
5670MHz	Pass	7.82	4.66	5.56	8.05	9.18
5710MHz Straddle 5.47-5.725GHz	Pass	7.82	5.29	6.31	8.81	9.18
5710MHz Straddle 5.725-5.85GHz	Pass	7.82	0.18	0.92	3.55	28.18
5755MHz	Pass	7.82	3.24	4.31	6.75	28.18
5795MHz	Pass	7.82	6.82	7.63	10.18	28.18
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.82	-3.60	-2.93	-0.38	15.18
5290MHz	Pass	7.82	-0.61	-0.16	2.58	9.18
5530MHz	Pass	7.82	-1.79	-0.75	1.71	9.18
5610MHz	Pass	7.82	1.67	2.29	4.94	9.18
5690MHz Straddle 5.47-5.725GHz	Pass	7.82	2.04	3.21	5.59	9.18
5690MHz Straddle 5.725-5.85GHz	Pass	7.82	-4.87	-3.61	-1.21	28.18
5775MHz	Pass	7.82	-0.75	0.04	2.60	28.18

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

10/12/2024

CF (Hz)
5.24G

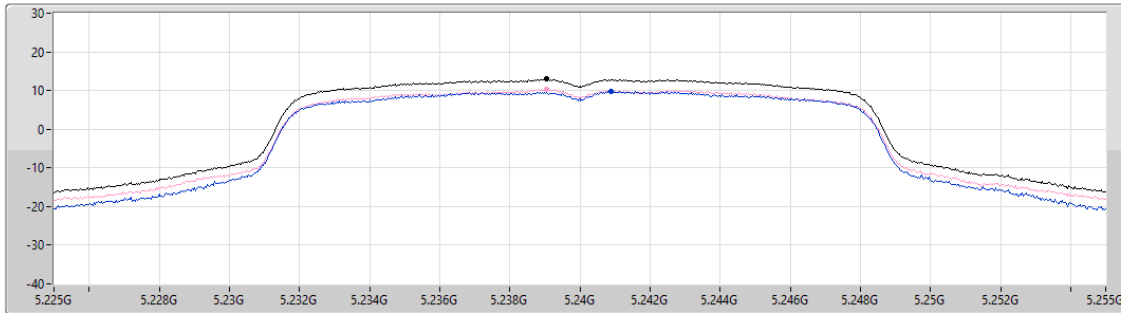
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.58

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
13.00	13.00	9.86	10.34

Sum ☒

Port 1 ☐

Port 2 ☐

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

10/12/2024

CF (Hz)
5.24G

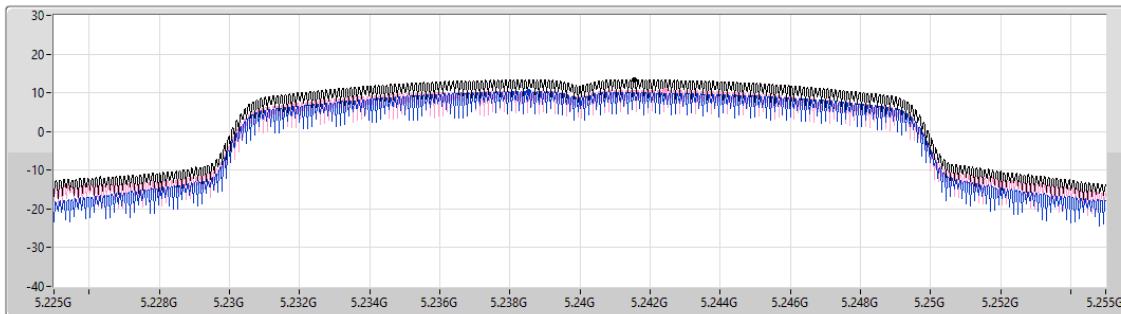
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
13.38	13.38	10.32	10.67

Sum ☒

Port 1 ☐

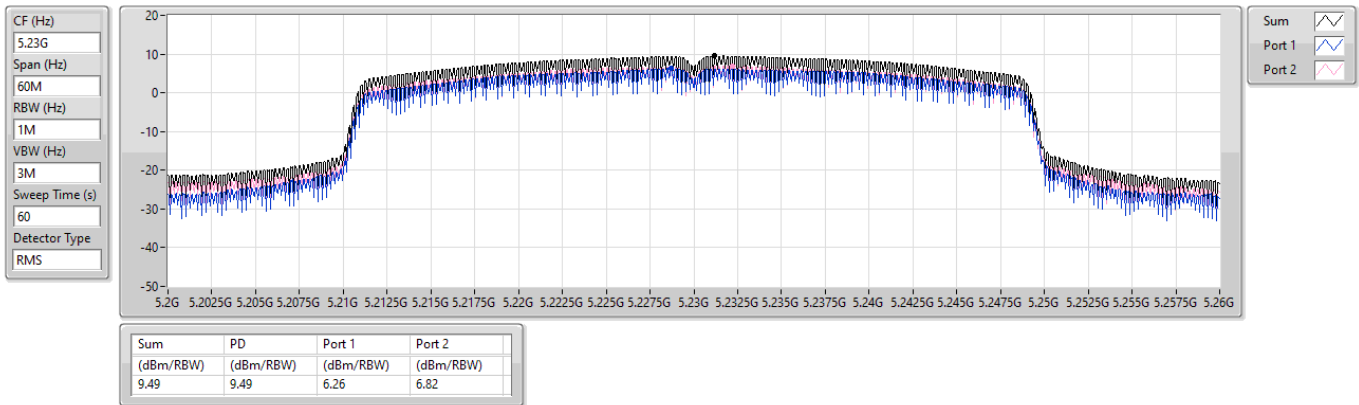
Port 2 ☐

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

03/12/2024

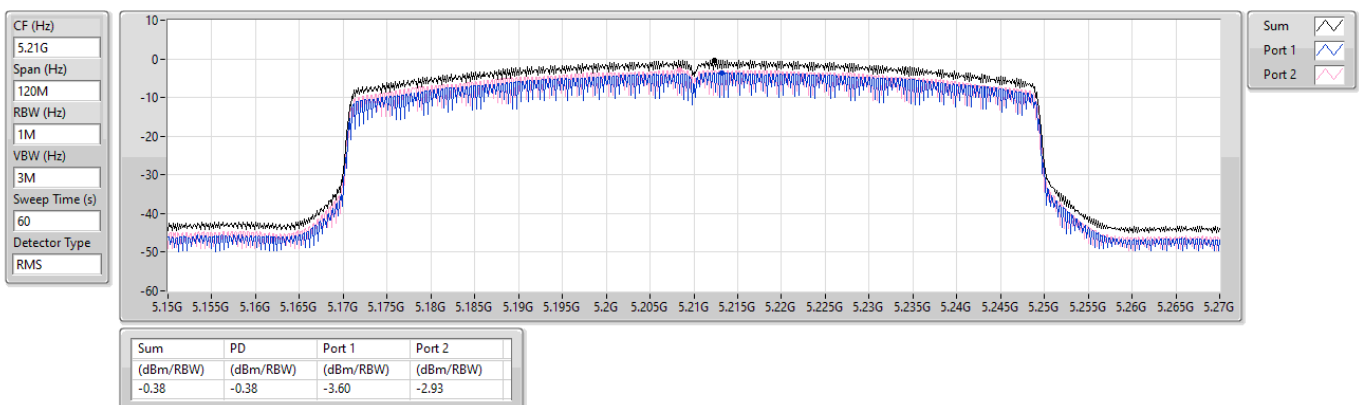


5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

05/12/2024



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

PSD

5320MHz

03/12/2024

CF (Hz)
5.32G

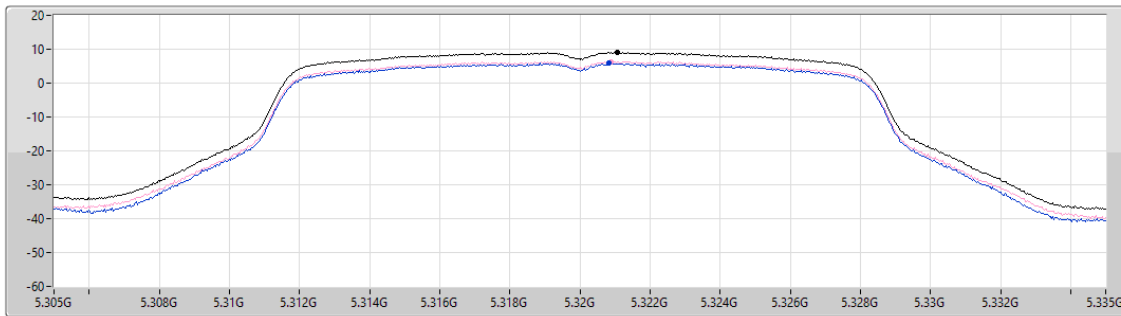
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.58

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.07	9.07	5.89	6.40

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

03/12/2024

CF (Hz)
5.3G

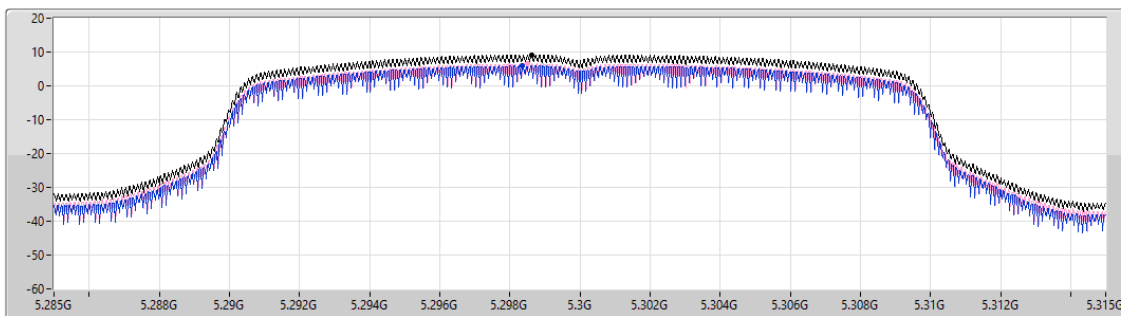
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

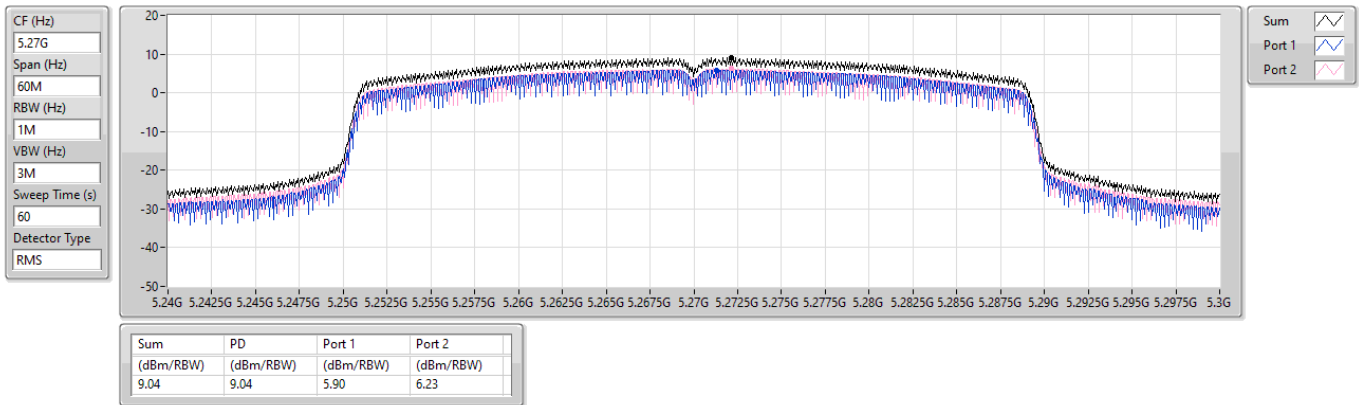
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.16	9.16	5.89	6.46

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

03/12/2024

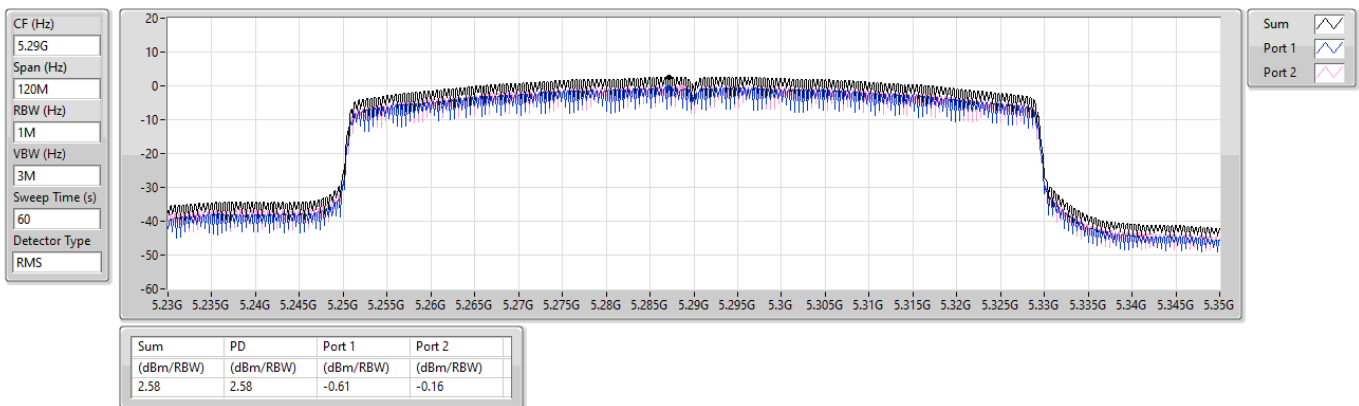


5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

03/12/2024



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

PSD

5500MHz

03/12/2024

CF (Hz)
5.5G

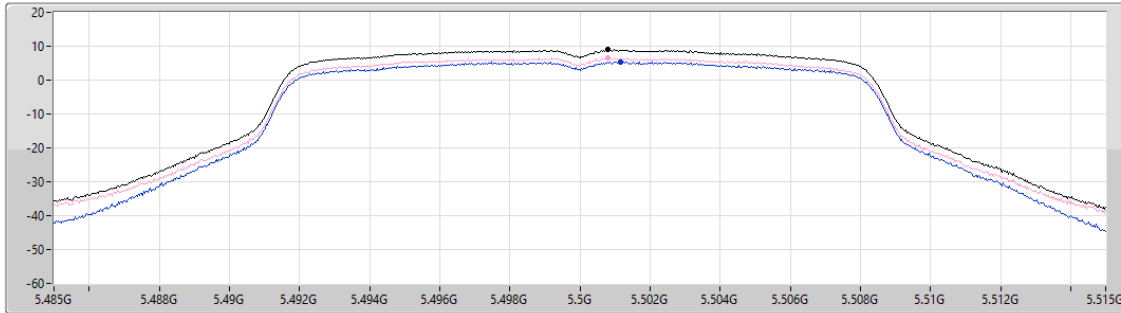
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.58

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.97	8.97	5.40	6.54

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/12/2024

CF (Hz)
5.71G

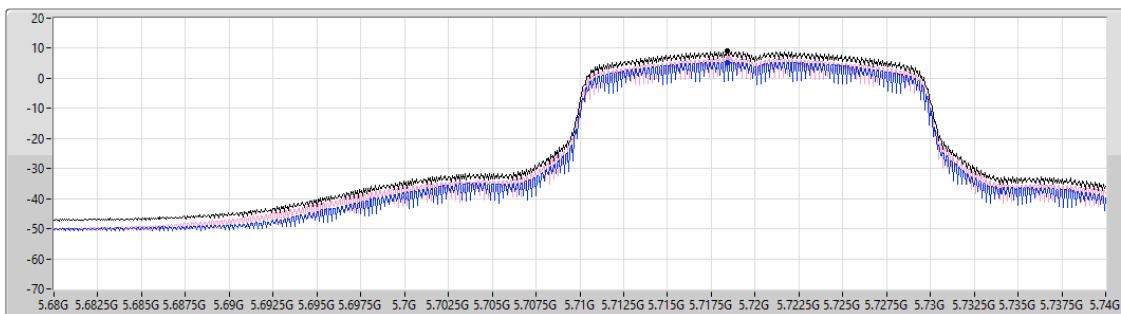
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

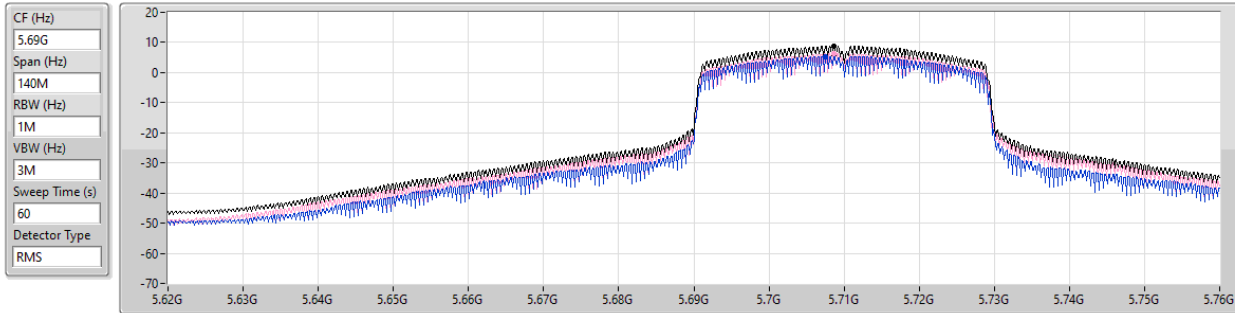
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.95	8.95	5.37	6.54

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/12/2024



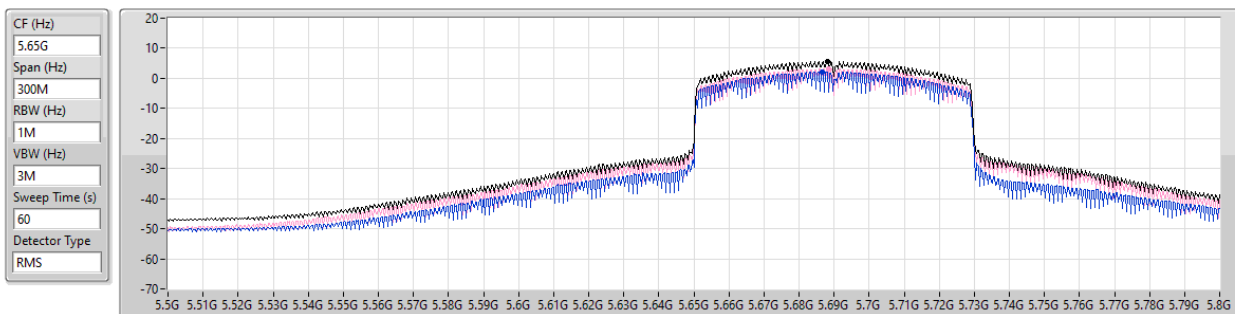
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	5.29	6.31

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/12/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	2.04	3.21

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

PSD

5745MHz

03/12/2024

CF (Hz)
5.745G

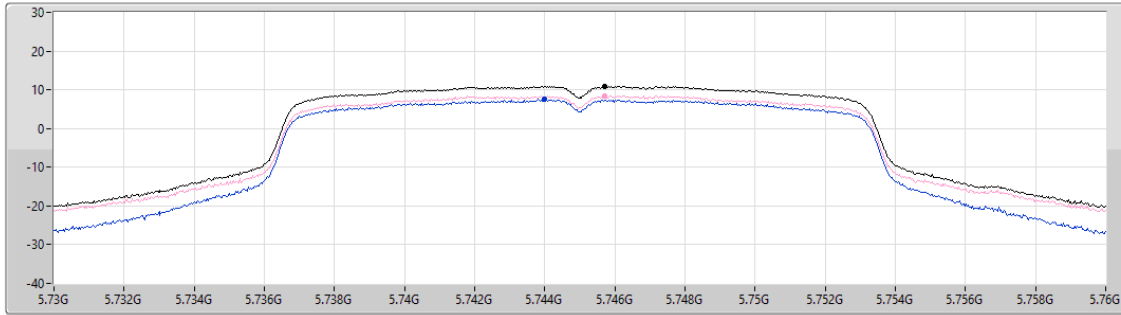
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20.58

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
10.92	10.92	7.52	8.52

5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

10/12/2024

CF (Hz)
5.785G

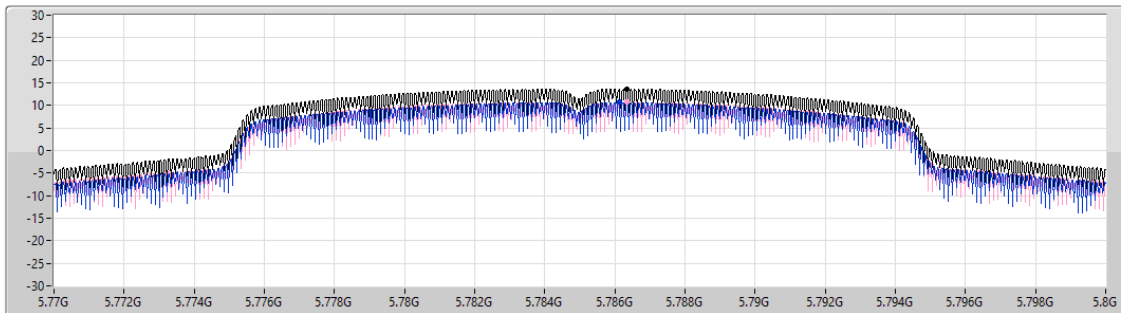
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
13.63	13.63	10.70	10.67

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

03/12/2024

CF (Hz)
5.795G

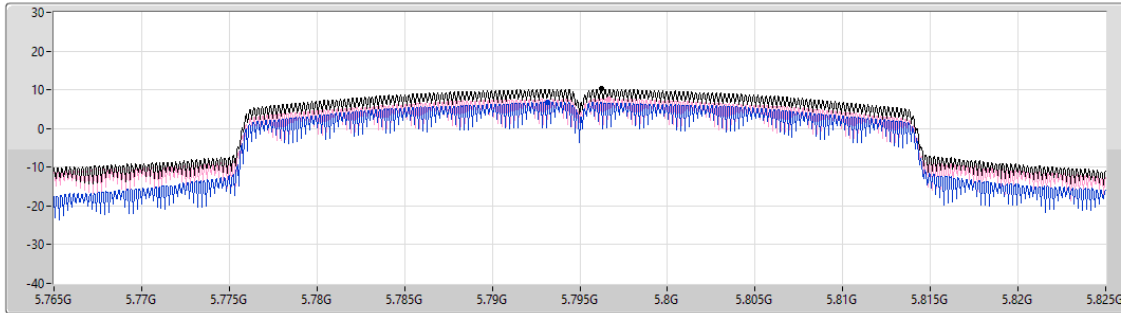
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.18	10.18	6.82	7.63

Sum ☒

Port 1 ☐

Port 2 ☐

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

03/12/2024

CF (Hz)
5.775G

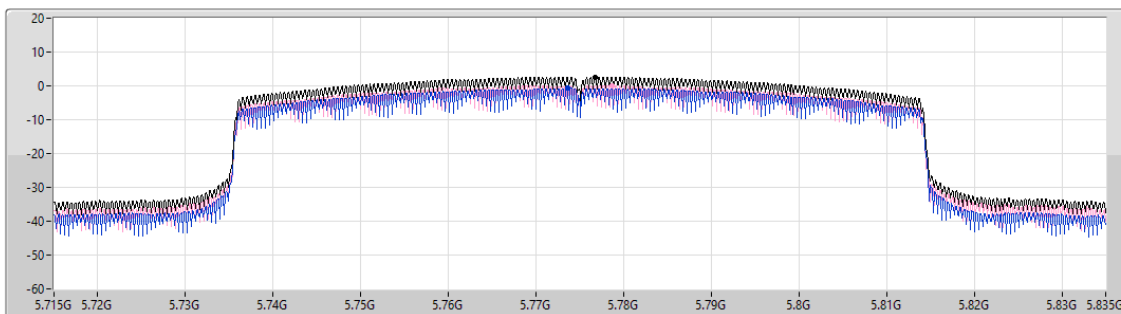
Span (Hz)
120M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.60	2.60	-0.75	0.04

Sum ☒

Port 1 ☐

Port 2 ☐



Summary

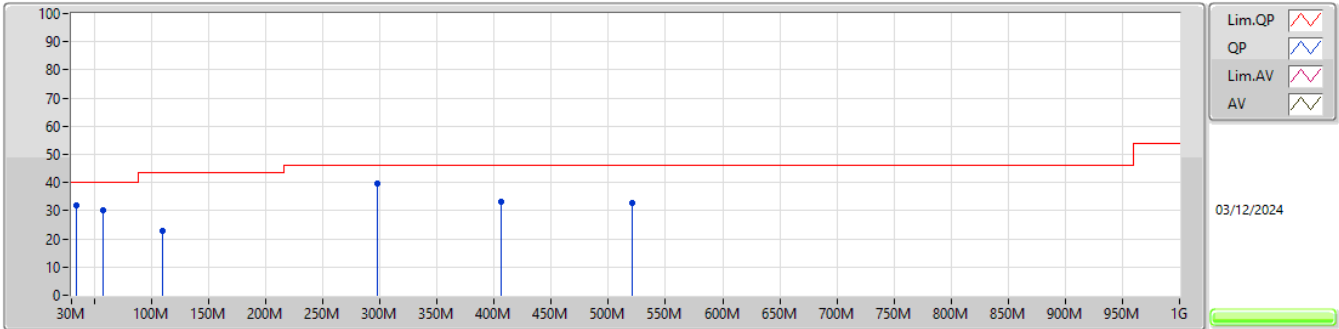
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	303.54M	40.62	46.00	-5.38	3	Horizontal	0	1.00

**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)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz_Adapter	Pass	PK	33.88M	31.81	40.00	-8.19	3	Vertical	360	1.00
5775MHz_Adapter	Pass	PK	57.16M	30.34	40.00	-9.66	3	Vertical	360	1.00
5775MHz_Adapter	Pass	PK	109.54M	22.81	43.50	-20.69	3	Vertical	360	1.00
5775MHz_Adapter	Pass	PK	297.72M	39.58	46.00	-6.42	3	Vertical	360	1.00
5775MHz_Adapter	Pass	PK	406.36M	33.34	46.00	-12.66	3	Vertical	360	1.00
5775MHz_Adapter	Pass	PK	520.82M	32.68	46.00	-13.32	3	Vertical	360	1.00
5775MHz_Adapter	Pass	PK	33.88M	23.41	40.00	-16.59	3	Horizontal	0	1.00
5775MHz_Adapter	Pass	PK	173.56M	27.23	43.50	-16.27	3	Horizontal	0	1.00
5775MHz_Adapter	Pass	PK	241.46M	28.62	46.00	-17.38	3	Horizontal	0	1.00
5775MHz_Adapter	Pass	PK	303.54M	40.62	46.00	-5.38	3	Horizontal	0	1.00
5775MHz_Adapter	Pass	PK	406.36M	33.66	46.00	-12.34	3	Horizontal	0	1.00
5775MHz_Adapter	Pass	PK	516.94M	28.66	46.00	-17.34	3	Horizontal	0	1.00

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

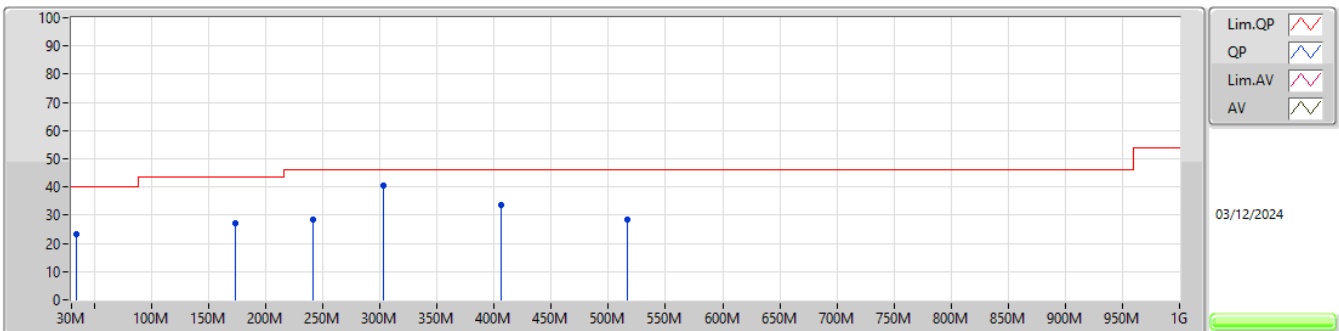
5775MHz_Adapter



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)
PK	33.88M	31.81	40.00	-8.19	-20.79	3	Vertical	360	1.00	52.60	22.82	0.79	44.40
PK	57.16M	30.34	40.00	-9.66	-31.71	3	Vertical	360	1.00	62.05	12.09	0.88	44.68
PK	109.54M	22.81	43.50	-20.69	-26.34	3	Vertical	360	1.00	49.15	17.04	1.22	44.60
PK	297.72M	39.58	46.00	-6.42	-22.93	3	Vertical	360	1.00	62.51	19.42	1.99	44.34
PK	406.36M	33.34	46.00	-12.66	-19.61	3	Vertical	360	1.00	52.95	22.20	2.28	44.09
PK	520.82M	32.68	46.00	-13.32	-16.91	3	Vertical	360	1.00	49.59	24.38	2.67	43.96

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_Adapter



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)
PK	33.88M	23.41	40.00	-16.59	-20.79	3	Horizontal	0	1.00	44.20	22.82	0.79	44.40
PK	173.56M	27.23	43.50	-16.27	-27.54	3	Horizontal	0	1.00	54.77	15.56	1.51	44.61
PK	241.46M	28.62	46.00	-17.38	-25.06	3	Horizontal	0	1.00	53.68	17.62	1.78	44.46
PK	303.54M	40.62	46.00	-5.38	-22.83	3	Horizontal	0	1.00	63.45	19.48	2.01	44.32
PK	406.36M	33.66	46.00	-12.34	-19.61	3	Horizontal	0	1.00	53.27	22.20	2.28	44.09
PK	516.94M	28.66	46.00	-17.34	-16.99	3	Horizontal	0	1.00	45.65	24.30	2.67	43.96



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)_2TX	Pass	AV	5.15G	53.74	54.00	-0.26	3	Horizontal	39	1.05
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.07	54.00	-0.93	3	Horizontal	46	1.17
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.62	54.00	-0.38	3	Horizontal	38	1.00
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.148G	52.64	54.00	-1.36	3	Horizontal	42	1.04
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.3518G	49.55	54.00	-4.45	3	Horizontal	296	1.05
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.3504G	48.59	54.00	-5.41	3	Vertical	325	1.08
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.3524G	53.61	54.00	-0.39	3	Horizontal	294	1.07
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.355G	53.14	54.00	-0.86	3	Horizontal	298	1.00
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7252G	66.08	68.20	-2.12	3	Horizontal	345	1.00
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	65.50	68.20	-2.70	3	Horizontal	342	1.00
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.4612G	68.18	68.20	-0.02	3	Horizontal	345	1.00
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.8532G	67.02	68.20	-1.18	3	Horizontal	345	1.00
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	17.3592G	66.18	68.20	-2.02	3	Horizontal	224	1.79
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	17.23362G	66.99	68.20	-1.21	3	Horizontal	223	1.89
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.939G	67.92	68.20	-0.28	3	Horizontal	343	1.00
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	65.04	68.35	-3.31	3	Horizontal	345	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	51.43	54.00	-2.57	3	Vertical	324	1.01
5180MHz	Pass	AV	5.1806G	106.74	Inf	-Inf	3	Vertical	324	1.01
5180MHz	Pass	PK	5.1456G	62.24	74.00	-11.76	3	Vertical	324	1.01
5180MHz	Pass	PK	5.1806G	115.30	Inf	-Inf	3	Vertical	324	1.01
5180MHz	Pass	AV	5.147G	49.88	54.00	-4.12	3	Horizontal	39	1.07
5180MHz	Pass	AV	5.1812G	107.95	Inf	-Inf	3	Horizontal	39	1.07
5180MHz	Pass	PK	5.1458G	61.35	74.00	-12.65	3	Horizontal	39	1.07
5180MHz	Pass	PK	5.1814G	116.52	Inf	-Inf	3	Horizontal	39	1.07
5180MHz	Pass	AV	15.54228G	52.05	54.00	-1.95	3	Vertical	46	1.00
5180MHz	Pass	AV	20.71988G	40.42	54.00	-13.58	3	Vertical	179	1.61
5180MHz	Pass	PK	10.35298G	53.17	68.20	-15.03	3	Vertical	150	1.50
5180MHz	Pass	PK	15.53784G	64.18	74.00	-9.82	3	Vertical	46	1.00
5180MHz	Pass	PK	20.72426G	52.22	74.00	-21.78	3	Vertical	179	1.61
5180MHz	Pass	PK	25.90372G	50.41	68.20	-17.79	3	Vertical	90	1.79
5180MHz	Pass	AV	15.54228G	53.05	54.00	-0.95	3	Horizontal	32	1.00
5180MHz	Pass	AV	20.72G	40.45	54.00	-13.55	3	Horizontal	195	1.61
5180MHz	Pass	PK	10.37488G	53.82	68.20	-14.38	3	Horizontal	158	1.50
5180MHz	Pass	PK	15.53622G	65.56	74.00	-8.44	3	Horizontal	32	1.00
5180MHz	Pass	PK	20.71976G	51.55	74.00	-22.45	3	Horizontal	195	1.61
5180MHz	Pass	PK	25.90954G	50.31	68.20	-17.89	3	Horizontal	323	2.95
5200MHz	Pass	AV	5.15G	51.36	54.00	-2.64	3	Vertical	326	1.06
5200MHz	Pass	AV	5.2008G	108.03	Inf	-Inf	3	Vertical	326	1.06
5200MHz	Pass	PK	5.15G	61.71	74.00	-12.29	3	Vertical	326	1.06
5200MHz	Pass	PK	5.1964G	116.40	Inf	-Inf	3	Vertical	326	1.06
5200MHz	Pass	AV	5.1484G	51.24	54.00	-2.76	3	Horizontal	360	1.00
5200MHz	Pass	AV	5.2028G	110.81	Inf	-Inf	3	Horizontal	360	1.00
5200MHz	Pass	PK	5.1476G	63.19	74.00	-10.81	3	Horizontal	360	1.00
5200MHz	Pass	PK	5.2032G	120.00	Inf	-Inf	3	Horizontal	360	1.00
5200MHz	Pass	AV	15.60624G	44.70	54.00	-9.30	3	Vertical	154	1.60
5200MHz	Pass	AV	20.79976G	38.98	54.00	-15.02	3	Vertical	180	1.59
5200MHz	Pass	PK	10.40954G	53.97	68.20	-14.23	3	Vertical	141	2.31
5200MHz	Pass	PK	15.61044G	56.66	74.00	-17.34	3	Vertical	154	1.60
5200MHz	Pass	PK	20.79016G	50.48	74.00	-23.52	3	Vertical	180	1.59
5200MHz	Pass	PK	25.98758G	50.47	68.20	-17.73	3	Vertical	329	2.22
5200MHz	Pass	AV	15.5976G	47.65	54.00	-6.35	3	Horizontal	151	1.98
5200MHz	Pass	AV	20.79532G	40.05	54.00	-13.95	3	Horizontal	195	1.59
5200MHz	Pass	PK	10.41092G	53.65	68.20	-14.55	3	Horizontal	170	2.24
5200MHz	Pass	PK	15.5967G	58.22	74.00	-15.78	3	Horizontal	151	1.98
5200MHz	Pass	PK	20.79982G	52.20	74.00	-21.80	3	Horizontal	195	1.59
5200MHz	Pass	PK	25.99904G	50.40	68.20	-17.80	3	Horizontal	27	2.74
5240MHz	Pass	AV	5.1482G	52.07	54.00	-1.93	3	Vertical	314	1.00
5240MHz	Pass	AV	5.2424G	111.54	Inf	-Inf	3	Vertical	314	1.00
5240MHz	Pass	AV	5.3522G	50.16	54.00	-3.84	3	Vertical	314	1.00
5240MHz	Pass	PK	5.1476G	65.05	74.00	-8.95	3	Vertical	314	1.00
5240MHz	Pass	PK	5.243G	120.60	Inf	-Inf	3	Vertical	314	1.00
5240MHz	Pass	PK	5.3876G	61.63	74.00	-12.37	3	Vertical	314	1.00
5240MHz	Pass	AV	5.15G	53.74	54.00	-0.26	3	Horizontal	39	1.05
5240MHz	Pass	AV	5.2388G	112.65	Inf	-Inf	3	Horizontal	39	1.05
5240MHz	Pass	AV	5.35G	51.11	54.00	-2.89	3	Horizontal	39	1.05
5240MHz	Pass	PK	5.15G	67.39	74.00	-6.61	3	Horizontal	39	1.05
5240MHz	Pass	PK	5.2388G	121.45	Inf	-Inf	3	Horizontal	39	1.05
5240MHz	Pass	PK	5.3534G	62.29	74.00	-11.71	3	Horizontal	39	1.05
5240MHz	Pass	AV	15.7224G	45.46	54.00	-8.54	3	Vertical	152	1.00
5240MHz	Pass	AV	20.9642G	49.40	54.00	-4.60	3	Vertical	187	1.65
5240MHz	Pass	PK	10.47016G	53.57	68.20	-14.63	3	Vertical	217	2.20
5240MHz	Pass	PK	15.72204G	57.14	74.00	-16.86	3	Vertical	152	1.00
5240MHz	Pass	PK	20.96414G	61.77	74.00	-12.23	3	Vertical	187	1.65
5240MHz	Pass	PK	26.19436G	51.83	68.20	-16.37	3	Vertical	197	1.50
5240MHz	Pass	AV	15.72234G	51.75	54.00	-2.25	3	Horizontal	149	2.10
5240MHz	Pass	AV	20.95994G	50.92	54.00	-3.08	3	Horizontal	194	1.62

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5240MHz	Pass	PK	10.48804G	53.07	68.20	-15.13	3	Horizontal	129	1.01
5240MHz	Pass	PK	15.71694G	62.99	74.00	-11.01	3	Horizontal	149	2.10
5240MHz	Pass	PK	20.9597G	63.05	74.00	-10.95	3	Horizontal	194	1.62
5240MHz	Pass	PK	26.18962G	51.48	68.20	-16.72	3	Horizontal	311	2.29
5260MHz	Pass	AV	5.1286G	47.98	54.00	-6.02	3	Vertical	316	1.21
5260MHz	Pass	AV	5.2594G	103.60	Inf	-Inf	3	Vertical	316	1.21
5260MHz	Pass	AV	5.3758G	48.31	54.00	-5.69	3	Vertical	316	1.21
5260MHz	Pass	PK	5.1262G	59.88	74.00	-14.12	3	Vertical	316	1.21
5260MHz	Pass	PK	5.2552G	112.27	Inf	-Inf	3	Vertical	316	1.21
5260MHz	Pass	PK	5.4016G	59.93	74.00	-14.07	3	Vertical	316	1.21
5260MHz	Pass	AV	5.1496G	47.98	54.00	-6.02	3	Horizontal	294	1.01
5260MHz	Pass	AV	5.257G	106.68	Inf	-Inf	3	Horizontal	294	1.01
5260MHz	Pass	AV	5.3524G	48.58	54.00	-5.42	3	Horizontal	294	1.01
5260MHz	Pass	PK	5.122G	59.70	74.00	-14.30	3	Horizontal	294	1.01
5260MHz	Pass	PK	5.257G	115.57	Inf	-Inf	3	Horizontal	294	1.01
5260MHz	Pass	PK	5.3512G	60.24	74.00	-13.76	3	Horizontal	294	1.01
5260MHz	Pass	AV	15.77928G	44.52	54.00	-9.48	3	Vertical	151	1.67
5260MHz	Pass	AV	21.0397G	38.83	54.00	-15.17	3	Vertical	156	1.64
5260MHz	Pass	PK	10.51238G	54.10	68.20	-14.10	3	Vertical	8	1.50
5260MHz	Pass	PK	15.77952G	56.51	74.00	-17.49	3	Vertical	151	1.67
5260MHz	Pass	PK	21.0445G	49.55	74.00	-24.45	3	Vertical	156	1.64
5260MHz	Pass	PK	26.30558G	51.65	68.20	-16.55	3	Vertical	217	1.50
5260MHz	Pass	AV	15.7794G	45.63	54.00	-8.37	3	Horizontal	356	1.15
5260MHz	Pass	AV	21.04468G	39.70	54.00	-14.30	3	Horizontal	192	1.60
5260MHz	Pass	PK	10.51094G	53.98	68.20	-14.22	3	Horizontal	22	2.90
5260MHz	Pass	PK	15.78438G	57.80	74.00	-16.20	3	Horizontal	356	1.15
5260MHz	Pass	PK	21.04006G	51.28	74.00	-22.72	3	Horizontal	192	1.60
5260MHz	Pass	PK	26.2901G	51.49	68.20	-16.71	3	Horizontal	78	1.50
5300MHz	Pass	AV	5.3024G	104.33	Inf	-Inf	3	Vertical	314	1.00
5300MHz	Pass	AV	5.3832G	48.30	54.00	-5.70	3	Vertical	314	1.00
5300MHz	Pass	PK	5.302G	113.15	Inf	-Inf	3	Vertical	314	1.00
5300MHz	Pass	PK	5.394G	59.94	74.00	-14.06	3	Vertical	314	1.00
5300MHz	Pass	AV	5.2988G	107.64	Inf	-Inf	3	Horizontal	296	1.00
5300MHz	Pass	AV	5.3508G	48.51	54.00	-5.49	3	Horizontal	296	1.00
5300MHz	Pass	PK	5.2992G	116.19	Inf	-Inf	3	Horizontal	296	1.00
5300MHz	Pass	PK	5.3804G	60.29	74.00	-13.71	3	Horizontal	296	1.00
5300MHz	Pass	AV	15.89802G	44.32	54.00	-9.68	3	Vertical	96	2.53
5300MHz	Pass	AV	21.20414G	39.31	54.00	-14.69	3	Vertical	180	1.64
5300MHz	Pass	PK	10.60642G	54.93	74.00	-19.07	3	Vertical	278	3.00
5300MHz	Pass	PK	15.9024G	57.21	74.00	-16.79	3	Vertical	96	2.53
5300MHz	Pass	PK	21.18986G	50.42	74.00	-23.58	3	Vertical	180	1.64
5300MHz	Pass	PK	26.49916G	50.92	68.20	-17.28	3	Vertical	131	1.50
5300MHz	Pass	AV	15.89364G	44.51	54.00	-9.49	3	Horizontal	358	1.50
5300MHz	Pass	AV	21.20468G	39.97	54.00	-14.03	3	Horizontal	190	1.64
5300MHz	Pass	PK	10.59004G	54.00	68.20	-14.20	3	Horizontal	271	1.50
5300MHz	Pass	PK	15.89766G	56.75	74.00	-17.25	3	Horizontal	358	1.50
5300MHz	Pass	PK	21.20438G	51.47	74.00	-22.53	3	Horizontal	190	1.64
5300MHz	Pass	PK	26.49682G	51.24	68.20	-16.96	3	Horizontal	85	1.54
5320MHz	Pass	AV	5.3208G	104.01	Inf	-Inf	3	Vertical	325	1.06
5320MHz	Pass	AV	5.35G	48.97	54.00	-5.03	3	Vertical	325	1.06
5320MHz	Pass	PK	5.3208G	112.57	Inf	-Inf	3	Vertical	325	1.06
5320MHz	Pass	PK	5.3504G	60.97	74.00	-13.03	3	Vertical	325	1.06
5320MHz	Pass	AV	5.3216G	106.69	Inf	-Inf	3	Horizontal	296	1.05
5320MHz	Pass	AV	5.3518G	49.55	54.00	-4.45	3	Horizontal	296	1.05
5320MHz	Pass	PK	5.3214G	115.89	Inf	-Inf	3	Horizontal	296	1.05
5320MHz	Pass	PK	5.3506G	60.56	74.00	-13.44	3	Horizontal	296	1.05
5320MHz	Pass	AV	10.65488G	42.60	54.00	-11.40	3	Vertical	184	1.50
5320MHz	Pass	AV	15.9573G	44.95	54.00	-9.05	3	Vertical	359	2.10
5320MHz	Pass	AV	21.27928G	40.07	54.00	-13.93	3	Vertical	186	1.62
5320MHz	Pass	PK	10.6526G	54.26	74.00	-19.74	3	Vertical	184	1.50
5320MHz	Pass	PK	15.95772G	57.31	74.00	-16.69	3	Vertical	359	2.10
5320MHz	Pass	PK	21.28258G	51.07	74.00	-22.93	3	Vertical	186	1.62

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5320MHz	Pass	PK	26.60534G	52.15	68.20	-16.05	3	Vertical	194	1.38
5320MHz	Pass	AV	10.65008G	42.59	54.00	-11.41	3	Horizontal	50	1.50
5320MHz	Pass	AV	15.9591G	44.04	54.00	-9.96	3	Horizontal	203	1.00
5320MHz	Pass	AV	21.28G	40.03	54.00	-13.97	3	Horizontal	164	1.64
5320MHz	Pass	PK	10.64432G	54.57	74.00	-19.43	3	Horizontal	50	1.50
5320MHz	Pass	PK	15.95298G	55.85	74.00	-18.15	3	Horizontal	203	1.00
5320MHz	Pass	PK	21.27682G	51.56	74.00	-22.44	3	Horizontal	164	1.64
5320MHz	Pass	PK	26.59862G	52.06	68.20	-16.14	3	Horizontal	346	1.58
5500MHz	Pass	AV	5.4592G	48.47	54.00	-5.53	3	Vertical	318	1.00
5500MHz	Pass	AV	5.4992G	103.96	Inf	-Inf	3	Vertical	318	1.00
5500MHz	Pass	PK	5.4562G	60.37	74.00	-13.63	3	Vertical	318	1.00
5500MHz	Pass	PK	5.4642G	61.03	68.20	-7.17	3	Vertical	318	1.00
5500MHz	Pass	PK	5.4994G	112.61	Inf	-Inf	3	Vertical	318	1.00
5500MHz	Pass	AV	5.4522G	48.48	54.00	-5.52	3	Horizontal	343	1.05
5500MHz	Pass	AV	5.501G	106.33	Inf	-Inf	3	Horizontal	343	1.05
5500MHz	Pass	PK	5.4526G	60.47	74.00	-13.53	3	Horizontal	343	1.05
5500MHz	Pass	PK	5.4662G	60.57	68.20	-7.63	3	Horizontal	343	1.05
5500MHz	Pass	PK	5.4966G	114.98	Inf	-Inf	3	Horizontal	343	1.05
5500MHz	Pass	AV	10.99346G	42.50	54.00	-11.50	3	Vertical	239	2.58
5500MHz	Pass	PK	10.98632G	53.39	74.00	-20.61	3	Vertical	239	2.58
5500MHz	Pass	PK	16.48818G	56.17	68.20	-12.03	3	Vertical	316	1.50
5500MHz	Pass	PK	21.99604G	50.48	68.20	-17.72	3	Vertical	187	1.59
5500MHz	Pass	PK	27.5069G	51.72	68.20	-16.48	3	Vertical	30	1.50
5500MHz	Pass	AV	10.99016G	42.36	54.00	-11.64	3	Horizontal	254	1.50
5500MHz	Pass	PK	10.99484G	54.28	74.00	-19.72	3	Horizontal	254	1.50
5500MHz	Pass	PK	16.4889G	56.79	68.20	-11.41	3	Horizontal	29	2.41
5500MHz	Pass	PK	21.9889G	50.50	68.20	-17.70	3	Horizontal	196	1.62
5500MHz	Pass	PK	27.5117G	52.66	68.20	-15.54	3	Horizontal	88	1.50
5580MHz	Pass	AV	5.4312G	48.04	54.00	-5.96	3	Vertical	311	1.00
5580MHz	Pass	AV	5.5794G	104.67	Inf	-Inf	3	Vertical	311	1.00
5580MHz	Pass	PK	5.4402G	59.93	74.00	-14.07	3	Vertical	311	1.00
5580MHz	Pass	PK	5.4642G	59.31	68.20	-8.89	3	Vertical	311	1.00
5580MHz	Pass	PK	5.5794G	113.22	Inf	-Inf	3	Vertical	311	1.00
5580MHz	Pass	PK	5.7282G	59.69	68.20	-8.51	3	Vertical	311	1.00
5580MHz	Pass	AV	5.457G	48.21	54.00	-5.79	3	Horizontal	344	1.00
5580MHz	Pass	AV	5.5806G	106.58	Inf	-Inf	3	Horizontal	344	1.00
5580MHz	Pass	PK	5.4588G	59.52	74.00	-14.48	3	Horizontal	344	1.00
5580MHz	Pass	PK	5.4678G	59.43	68.20	-8.77	3	Horizontal	344	1.00
5580MHz	Pass	PK	5.5812G	115.66	Inf	-Inf	3	Horizontal	344	1.00
5580MHz	Pass	PK	5.7288G	61.29	68.20	-6.91	3	Horizontal	344	1.00
5580MHz	Pass	AV	11.15778G	42.90	54.00	-11.10	3	Vertical	37	1.98
5580MHz	Pass	AV	22.31988G	39.39	54.00	-14.61	3	Vertical	185	1.50
5580MHz	Pass	PK	11.1534G	54.41	74.00	-19.59	3	Vertical	37	1.98
5580MHz	Pass	PK	16.73916G	56.63	68.20	-11.57	3	Vertical	322	2.58
5580MHz	Pass	PK	22.31982G	50.04	74.00	-23.96	3	Vertical	185	1.50
5580MHz	Pass	PK	27.89538G	51.94	68.20	-16.26	3	Vertical	206	1.50
5580MHz	Pass	AV	11.15328G	42.84	54.00	-11.16	3	Horizontal	237	1.50
5580MHz	Pass	AV	22.31634G	38.08	54.00	-15.92	3	Horizontal	166	2.41
5580MHz	Pass	PK	11.16342G	54.15	74.00	-19.85	3	Horizontal	237	1.50
5580MHz	Pass	PK	16.74012G	58.80	68.20	-9.40	3	Horizontal	187	1.99
5580MHz	Pass	PK	22.30914G	50.05	74.00	-23.95	3	Horizontal	166	2.41
5580MHz	Pass	PK	27.88686G	51.94	68.20	-16.26	3	Horizontal	334	2.29
5700MHz	Pass	AV	5.702G	104.72	Inf	-Inf	3	Vertical	315	1.10
5700MHz	Pass	PK	5.702G	113.09	Inf	-Inf	3	Vertical	315	1.10
5700MHz	Pass	PK	5.726G	65.55	68.20	-2.65	3	Vertical	315	1.10
5700MHz	Pass	AV	5.6988G	106.61	Inf	-Inf	3	Horizontal	345	1.00
5700MHz	Pass	PK	5.6984G	115.52	Inf	-Inf	3	Horizontal	345	1.00
5700MHz	Pass	PK	5.7252G	66.08	68.20	-2.12	3	Horizontal	345	1.00
5700MHz	Pass	AV	11.3922G	44.00	54.00	-10.00	3	Vertical	335	1.28
5700MHz	Pass	AV	22.79982G	40.82	54.00	-13.18	3	Vertical	187	1.63
5700MHz	Pass	PK	11.39148G	55.69	74.00	-18.31	3	Vertical	335	1.28
5700MHz	Pass	PK	17.08596G	56.05	68.20	-12.15	3	Vertical	89	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5700MHz	Pass	PK	22.79646G	51.50	74.00	-22.50	3	Vertical	187	1.63
5700MHz	Pass	PK	28.50804G	52.48	68.20	-15.72	3	Vertical	360	1.50
5700MHz	Pass	AV	11.39778G	44.06	54.00	-9.94	3	Horizontal	249	1.91
5700MHz	Pass	AV	22.80462G	38.84	54.00	-15.16	3	Horizontal	181	2.13
5700MHz	Pass	PK	11.3859G	54.72	74.00	-19.28	3	Horizontal	249	1.91
5700MHz	Pass	PK	17.1042G	59.46	68.20	-8.74	3	Horizontal	226	1.85
5700MHz	Pass	PK	22.78572G	50.66	74.00	-23.34	3	Horizontal	181	2.13
5700MHz	Pass	PK	28.50678G	52.77	68.20	-15.43	3	Horizontal	139	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4248G	48.10	54.00	-5.90	3	Vertical	343	1.34
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	103.44	Inf	-Inf	3	Vertical	343	1.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4488G	59.90	74.00	-14.10	3	Vertical	343	1.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	59.40	68.20	-8.80	3	Vertical	343	1.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	112.13	Inf	-Inf	3	Vertical	343	1.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9072G	61.51	68.20	-6.69	3	Vertical	343	1.34
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	48.20	54.00	-5.80	3	Horizontal	342	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	106.97	Inf	-Inf	3	Horizontal	342	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4236G	60.07	74.00	-13.93	3	Horizontal	342	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	59.22	68.20	-8.98	3	Horizontal	342	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	115.66	Inf	-Inf	3	Horizontal	342	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9384G	61.58	68.20	-6.62	3	Horizontal	342	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43964G	43.69	54.00	-10.31	3	Vertical	355	2.47
5720MHz Straddle 5.47-5.725GHz	Pass	AV	22.87988G	41.10	54.00	-12.90	3	Vertical	188	1.62
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44222G	55.06	74.00	-18.94	3	Vertical	355	2.47
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1588G	56.52	68.20	-11.68	3	Vertical	214	1.54
5720MHz Straddle 5.47-5.725GHz	Pass	PK	22.88558G	50.71	74.00	-23.29	3	Vertical	188	1.62
5720MHz Straddle 5.47-5.725GHz	Pass	PK	28.60084G	50.71	68.20	-17.49	3	Vertical	155	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44234G	43.87	54.00	-10.13	3	Horizontal	76	1.12
5720MHz Straddle 5.47-5.725GHz	Pass	AV	22.87724G	38.79	54.00	-15.21	3	Horizontal	277	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44108G	55.65	74.00	-18.35	3	Horizontal	76	1.12
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15946G	60.96	68.20	-7.24	3	Horizontal	225	1.84
5720MHz Straddle 5.47-5.725GHz	Pass	PK	22.88516G	50.02	74.00	-23.98	3	Horizontal	277	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	28.61368G	50.64	68.20	-17.56	3	Horizontal	328	1.50
5745MHz	Pass	AV	5.457G	47.91	54.00	-6.09	3	Vertical	353	1.31
5745MHz	Pass	AV	5.7474G	106.47	Inf	-Inf	3	Vertical	353	1.31
5745MHz	Pass	PK	5.5506G	60.21	68.20	-7.99	3	Vertical	353	1.31
5745MHz	Pass	PK	5.7486G	115.77	Inf	-Inf	3	Vertical	353	1.31
5745MHz	Pass	PK	5.985G	61.97	68.20	-6.23	3	Vertical	353	1.31
5745MHz	Pass	AV	5.457G	48.21	54.00	-5.79	3	Horizontal	343	1.07
5745MHz	Pass	AV	5.7462G	109.74	Inf	-Inf	3	Horizontal	343	1.07
5745MHz	Pass	PK	5.6274G	60.87	68.20	-7.33	3	Horizontal	343	1.07
5745MHz	Pass	PK	5.7414G	118.50	Inf	-Inf	3	Horizontal	343	1.07
5745MHz	Pass	PK	5.9298G	61.78	68.20	-6.42	3	Horizontal	343	1.07
5745MHz	Pass	AV	11.48526G	43.45	54.00	-10.55	3	Vertical	37	1.50
5745MHz	Pass	AV	22.98414G	43.82	54.00	-10.18	3	Vertical	180	1.56
5745MHz	Pass	PK	11.49894G	54.22	74.00	-19.78	3	Vertical	37	1.50
5745MHz	Pass	PK	17.23626G	60.28	68.20	-7.92	3	Vertical	216	1.00
5745MHz	Pass	PK	22.97256G	56.42	74.00	-17.58	3	Vertical	180	1.56
5745MHz	Pass	PK	28.73106G	51.78	68.20	-16.42	3	Vertical	55	1.50
5745MHz	Pass	AV	11.48346G	43.74	54.00	-10.26	3	Horizontal	350	1.50
5745MHz	Pass	AV	22.98138G	46.04	54.00	-7.96	3	Horizontal	190	1.70
5745MHz	Pass	PK	11.49336G	55.26	74.00	-18.74	3	Horizontal	350	1.50
5745MHz	Pass	PK	17.2356G	65.40	68.20	-2.80	3	Horizontal	226	1.82
5745MHz	Pass	PK	22.97232G	58.06	74.00	-15.94	3	Horizontal	190	1.70
5745MHz	Pass	PK	28.72524G	51.79	68.20	-16.41	3	Horizontal	322	1.50
5785MHz	Pass	AV	5.78371G	105.96	Inf	-Inf	3	Vertical	342	1.49
5785MHz	Pass	PK	5.63004G	60.99	68.20	-7.21	3	Vertical	342	1.49
5785MHz	Pass	PK	5.78371G	114.59	Inf	-Inf	3	Vertical	342	1.49
5785MHz	Pass	PK	5.99304G	61.84	68.20	-6.36	3	Vertical	342	1.49
5785MHz	Pass	AV	5.78371G	110.39	Inf	-Inf	3	Horizontal	343	1.02
5785MHz	Pass	PK	5.63609G	60.69	68.20	-7.51	3	Horizontal	343	1.02
5785MHz	Pass	PK	5.78371G	119.53	Inf	-Inf	3	Horizontal	343	1.02
5785MHz	Pass	PK	5.97852G	61.56	68.20	-6.64	3	Horizontal	343	1.02

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	AV	11.56826G	43.07	54.00	-10.93	3	Vertical	116	2.38
5785MHz	Pass	PK	11.57468G	54.12	74.00	-19.88	3	Vertical	116	2.38
5785MHz	Pass	PK	17.35902G	61.32	68.20	-6.88	3	Vertical	212	1.63
5785MHz	Pass	PK	23.13214G	61.35	68.20	-6.85	3	Vertical	190	1.53
5785MHz	Pass	PK	28.92548G	55.14	68.20	-13.06	3	Vertical	320	1.59
5785MHz	Pass	AV	11.56814G	43.09	54.00	-10.91	3	Horizontal	320	1.79
5785MHz	Pass	PK	11.58338G	54.79	74.00	-19.21	3	Horizontal	320	1.79
5785MHz	Pass	PK	17.3592G	66.18	68.20	-2.02	3	Horizontal	224	1.79
5785MHz	Pass	PK	23.13238G	63.93	68.20	-4.27	3	Horizontal	183	1.59
5785MHz	Pass	PK	28.91948G	53.88	68.20	-14.32	3	Horizontal	322	1.53
5825MHz	Pass	AV	5.8214G	106.12	Inf	-Inf	3	Vertical	313	1.13
5825MHz	Pass	PK	5.5262G	60.35	68.20	-7.85	3	Vertical	313	1.13
5825MHz	Pass	PK	5.8214G	114.75	Inf	-Inf	3	Vertical	313	1.13
5825MHz	Pass	PK	6.0278G	61.27	68.20	-6.93	3	Vertical	313	1.13
5825MHz	Pass	AV	5.8238G	109.15	Inf	-Inf	3	Horizontal	344	1.00
5825MHz	Pass	PK	5.597G	60.71	68.20	-7.49	3	Horizontal	344	1.00
5825MHz	Pass	PK	5.8238G	117.83	Inf	-Inf	3	Horizontal	344	1.00
5825MHz	Pass	PK	6.0614G	62.26	68.20	-5.94	3	Horizontal	344	1.00
5825MHz	Pass	AV	11.6479G	42.83	54.00	-11.17	3	Vertical	46	2.83
5825MHz	Pass	PK	11.6383G	53.84	74.00	-20.16	3	Vertical	46	2.83
5825MHz	Pass	PK	17.4756G	58.73	68.20	-9.47	3	Vertical	342	1.53
5825MHz	Pass	PK	23.29214G	60.61	68.20	-7.59	3	Vertical	182	1.56
5825MHz	Pass	PK	29.11582G	52.33	68.20	-15.87	3	Vertical	272	1.50
5825MHz	Pass	AV	11.64688G	42.85	54.00	-11.15	3	Horizontal	292	2.31
5825MHz	Pass	PK	11.6482G	54.31	74.00	-19.69	3	Horizontal	292	2.31
5825MHz	Pass	PK	17.47698G	65.73	68.20	-2.47	3	Horizontal	236	1.93
5825MHz	Pass	PK	23.30126G	62.69	68.20	-5.51	3	Horizontal	183	1.59
5825MHz	Pass	PK	29.125G	52.50	68.20	-15.70	3	Horizontal	354	1.09
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.145G	48.95	54.00	-5.05	3	Vertical	312	1.33
5180MHz	Pass	AV	5.1756G	103.79	Inf	-Inf	3	Vertical	312	1.33
5180MHz	Pass	PK	5.1456G	60.83	74.00	-13.17	3	Vertical	312	1.33
5180MHz	Pass	PK	5.185G	115.36	Inf	-Inf	3	Vertical	312	1.33
5180MHz	Pass	AV	5.1498G	51.57	54.00	-2.43	3	Horizontal	300	1.00
5180MHz	Pass	AV	5.1792G	107.91	Inf	-Inf	3	Horizontal	300	1.00
5180MHz	Pass	PK	5.15G	64.13	74.00	-9.87	3	Horizontal	300	1.00
5180MHz	Pass	PK	5.1784G	119.97	Inf	-Inf	3	Horizontal	300	1.00
5180MHz	Pass	AV	15.54396G	47.69	54.00	-6.31	3	Vertical	39	1.96
5180MHz	Pass	AV	20.71982G	39.72	54.00	-14.28	3	Vertical	179	1.64
5180MHz	Pass	PK	10.3675G	53.42	68.20	-14.78	3	Vertical	47	2.40
5180MHz	Pass	PK	15.54336G	62.46	74.00	-11.54	3	Vertical	39	1.96
5180MHz	Pass	PK	20.72108G	54.18	74.00	-19.82	3	Vertical	179	1.64
5180MHz	Pass	PK	25.91032G	50.49	68.20	-17.71	3	Vertical	86	1.50
5180MHz	Pass	AV	15.54402G	50.44	54.00	-3.56	3	Horizontal	33	1.00
5180MHz	Pass	AV	20.71952G	40.15	54.00	-13.85	3	Horizontal	196	1.59
5180MHz	Pass	PK	10.35646G	53.20	68.20	-15.00	3	Horizontal	15	2.93
5180MHz	Pass	PK	15.5436G	65.95	74.00	-8.05	3	Horizontal	33	1.00
5180MHz	Pass	PK	20.7203G	54.74	74.00	-19.26	3	Horizontal	196	1.59
5180MHz	Pass	PK	25.91392G	50.73	68.20	-17.47	3	Horizontal	95	1.45
5200MHz	Pass	AV	5.15G	51.73	54.00	-2.27	3	Vertical	328	1.17
5200MHz	Pass	AV	5.2012G	107.49	Inf	-Inf	3	Vertical	328	1.17
5200MHz	Pass	PK	5.15G	62.68	74.00	-11.32	3	Vertical	328	1.17
5200MHz	Pass	PK	5.2008G	117.79	Inf	-Inf	3	Vertical	328	1.17
5200MHz	Pass	AV	5.15G	53.07	54.00	-0.93	3	Horizontal	46	1.17
5200MHz	Pass	AV	5.2036G	108.98	Inf	-Inf	3	Horizontal	46	1.17
5200MHz	Pass	PK	5.1464G	64.78	74.00	-9.22	3	Horizontal	46	1.17
5200MHz	Pass	PK	5.204G	120.51	Inf	-Inf	3	Horizontal	46	1.17
5200MHz	Pass	AV	15.60204G	44.19	54.00	-9.81	3	Vertical	154	1.56
5200MHz	Pass	AV	20.7997G	41.32	54.00	-12.68	3	Vertical	179	1.63
5200MHz	Pass	PK	10.3988G	53.19	68.20	-15.01	3	Vertical	265	1.04
5200MHz	Pass	PK	15.59964G	55.80	74.00	-18.20	3	Vertical	154	1.56
5200MHz	Pass	PK	20.7997G	58.20	74.00	-15.80	3	Vertical	179	1.63

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5200MHz	Pass	PK	26.01146G	50.73	68.20	-17.47	3	Vertical	0	1.50
5200MHz	Pass	AV	15.60486G	46.40	54.00	-7.60	3	Horizontal	151	2.03
5200MHz	Pass	AV	20.79964G	41.97	54.00	-12.03	3	Horizontal	197	1.61
5200MHz	Pass	PK	10.40942G	53.28	68.20	-14.92	3	Horizontal	315	1.33
5200MHz	Pass	PK	15.60594G	58.46	74.00	-15.54	3	Horizontal	151	2.03
5200MHz	Pass	PK	20.80096G	59.14	74.00	-14.86	3	Horizontal	197	1.61
5200MHz	Pass	PK	25.98584G	50.53	68.20	-17.67	3	Horizontal	4	2.79
5240MHz	Pass	AV	5.15G	51.32	54.00	-2.68	3	Vertical	327	1.00
5240MHz	Pass	AV	5.2364G	110.09	Inf	-Inf	3	Vertical	327	1.00
5240MHz	Pass	AV	5.3528G	49.92	54.00	-4.08	3	Vertical	327	1.00
5240MHz	Pass	PK	5.1458G	62.65	74.00	-11.35	3	Vertical	327	1.00
5240MHz	Pass	PK	5.2376G	119.88	Inf	-Inf	3	Vertical	327	1.00
5240MHz	Pass	PK	5.357G	61.36	74.00	-12.64	3	Vertical	327	1.00
5240MHz	Pass	AV	5.1482G	51.07	54.00	-2.93	3	Horizontal	0	1.00
5240MHz	Pass	AV	5.2412G	111.66	Inf	-Inf	3	Horizontal	0	1.00
5240MHz	Pass	AV	5.3546G	49.81	54.00	-4.19	3	Horizontal	0	1.00
5240MHz	Pass	PK	5.1482G	63.77	74.00	-10.23	3	Horizontal	0	1.00
5240MHz	Pass	PK	5.2412G	122.36	Inf	-Inf	3	Horizontal	0	1.00
5240MHz	Pass	PK	5.3504G	61.64	74.00	-12.36	3	Horizontal	0	1.00
5240MHz	Pass	AV	15.72108G	46.71	54.00	-7.29	3	Vertical	328	1.00
5240MHz	Pass	AV	20.9594G	47.61	54.00	-6.39	3	Vertical	178	1.61
5240MHz	Pass	PK	10.48444G	54.11	68.20	-14.09	3	Vertical	359	2.68
5240MHz	Pass	PK	15.72G	58.11	74.00	-15.89	3	Vertical	328	1.00
5240MHz	Pass	PK	20.95772G	62.24	74.00	-11.76	3	Vertical	178	1.61
5240MHz	Pass	PK	26.19556G	51.38	68.20	-16.82	3	Vertical	133	2.86
5240MHz	Pass	AV	15.7155G	49.48	54.00	-4.52	3	Horizontal	148	1.94
5240MHz	Pass	AV	20.95904G	49.38	54.00	-4.62	3	Horizontal	194	1.61
5240MHz	Pass	PK	10.47454G	53.04	68.20	-15.16	3	Horizontal	74	2.09
5240MHz	Pass	PK	15.72444G	61.66	74.00	-12.34	3	Horizontal	148	1.94
5240MHz	Pass	PK	20.9585G	64.99	74.00	-9.01	3	Horizontal	194	1.61
5240MHz	Pass	PK	26.19526G	51.51	68.20	-16.69	3	Horizontal	157	1.50
5260MHz	Pass	AV	5.1496G	47.36	54.00	-6.64	3	Vertical	326	1.00
5260MHz	Pass	AV	5.2564G	103.42	Inf	-Inf	3	Vertical	326	1.00
5260MHz	Pass	AV	5.3506G	47.81	54.00	-6.19	3	Vertical	326	1.00
5260MHz	Pass	PK	5.137G	59.63	74.00	-14.37	3	Vertical	326	1.00
5260MHz	Pass	PK	5.2558G	115.21	Inf	-Inf	3	Vertical	326	1.00
5260MHz	Pass	PK	5.3674G	59.84	74.00	-14.16	3	Vertical	326	1.00
5260MHz	Pass	AV	5.1358G	47.47	54.00	-6.53	3	Horizontal	298	1.00
5260MHz	Pass	AV	5.2582G	106.78	Inf	-Inf	3	Horizontal	298	1.00
5260MHz	Pass	AV	5.3758G	48.11	54.00	-5.89	3	Horizontal	298	1.00
5260MHz	Pass	PK	5.1208G	60.77	74.00	-13.23	3	Horizontal	298	1.00
5260MHz	Pass	PK	5.2582G	117.22	Inf	-Inf	3	Horizontal	298	1.00
5260MHz	Pass	PK	5.3818G	60.35	74.00	-13.65	3	Horizontal	298	1.00
5260MHz	Pass	AV	15.78312G	43.98	54.00	-10.02	3	Vertical	152	1.50
5260MHz	Pass	AV	21.03934G	38.40	54.00	-15.60	3	Vertical	177	1.64
5260MHz	Pass	PK	10.50656G	54.62	68.20	-13.58	3	Vertical	156	2.00
5260MHz	Pass	PK	15.7782G	57.31	74.00	-16.69	3	Vertical	152	1.50
5260MHz	Pass	PK	21.03892G	50.40	74.00	-23.60	3	Vertical	177	1.64
5260MHz	Pass	PK	26.29862G	52.08	68.20	-16.12	3	Vertical	300	1.98
5260MHz	Pass	AV	15.77514G	45.23	54.00	-8.77	3	Horizontal	11	2.08
5260MHz	Pass	AV	21.04012G	39.23	54.00	-14.77	3	Horizontal	193	1.63
5260MHz	Pass	PK	10.50878G	53.71	68.20	-14.49	3	Horizontal	101	1.50
5260MHz	Pass	PK	15.77478G	60.22	74.00	-13.78	3	Horizontal	11	2.08
5260MHz	Pass	PK	21.03916G	51.92	74.00	-22.08	3	Horizontal	193	1.63
5260MHz	Pass	PK	26.315G	52.37	68.20	-15.83	3	Horizontal	38	1.50
5300MHz	Pass	AV	5.296G	102.87	Inf	-Inf	3	Vertical	321	1.10
5300MHz	Pass	AV	5.376G	47.71	54.00	-6.29	3	Vertical	321	1.10
5300MHz	Pass	PK	5.2972G	114.50	Inf	-Inf	3	Vertical	321	1.10
5300MHz	Pass	PK	5.388G	59.74	74.00	-14.26	3	Vertical	321	1.10
5300MHz	Pass	AV	5.2984G	106.59	Inf	-Inf	3	Horizontal	298	1.00
5300MHz	Pass	AV	5.376G	48.18	54.00	-5.82	3	Horizontal	298	1.00
5300MHz	Pass	PK	5.2992G	118.78	Inf	-Inf	3	Horizontal	298	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5300MHz	Pass	PK	5.3676G	60.56	74.00	-13.44	3	Horizontal	298	1.00
5300MHz	Pass	AV	10.6144G	42.01	54.00	-11.99	3	Vertical	255	1.50
5300MHz	Pass	AV	15.9G	44.61	54.00	-9.39	3	Vertical	0	2.06
5300MHz	Pass	AV	21.21398G	38.18	54.00	-15.82	3	Vertical	64	2.26
5300MHz	Pass	PK	10.61338G	54.16	74.00	-19.84	3	Vertical	255	1.50
5300MHz	Pass	PK	15.89898G	57.41	74.00	-16.59	3	Vertical	0	2.06
5300MHz	Pass	PK	21.19664G	49.99	74.00	-24.01	3	Vertical	64	2.26
5300MHz	Pass	PK	26.4925G	51.46	68.20	-16.74	3	Vertical	34	1.50
5300MHz	Pass	AV	15.89934G	44.40	54.00	-9.60	3	Horizontal	5	2.00
5300MHz	Pass	AV	21.20036G	39.56	54.00	-14.44	3	Horizontal	187	1.60
5300MHz	Pass	PK	10.61032G	54.35	74.00	-19.65	3	Horizontal	119	2.81
5300MHz	Pass	PK	15.89916G	57.47	74.00	-16.53	3	Horizontal	5	2.00
5300MHz	Pass	PK	21.2003G	51.94	74.00	-22.06	3	Horizontal	187	1.60
5300MHz	Pass	PK	26.51158G	50.95	68.20	-17.25	3	Horizontal	237	1.50
5320MHz	Pass	AV	5.321G	103.24	Inf	-Inf	3	Vertical	325	1.08
5320MHz	Pass	AV	5.3504G	48.59	54.00	-5.41	3	Vertical	325	1.08
5320MHz	Pass	PK	5.3216G	115.27	Inf	-Inf	3	Vertical	325	1.08
5320MHz	Pass	PK	5.3504G	61.77	74.00	-12.23	3	Vertical	325	1.08
5320MHz	Pass	AV	5.3228G	104.12	Inf	-Inf	3	Horizontal	45	1.07
5320MHz	Pass	AV	5.352G	48.42	54.00	-5.58	3	Horizontal	45	1.07
5320MHz	Pass	PK	5.3222G	115.45	Inf	-Inf	3	Horizontal	45	1.07
5320MHz	Pass	PK	5.3572G	60.40	74.00	-13.60	3	Horizontal	45	1.07
5320MHz	Pass	AV	10.65476G	42.02	54.00	-11.98	3	Vertical	254	1.50
5320MHz	Pass	AV	15.95598G	43.60	54.00	-10.40	3	Vertical	3	2.53
5320MHz	Pass	AV	21.2797G	39.58	54.00	-14.42	3	Vertical	183	1.66
5320MHz	Pass	PK	10.65416G	53.84	74.00	-20.16	3	Vertical	254	1.50
5320MHz	Pass	PK	15.95568G	56.49	74.00	-17.51	3	Vertical	3	2.53
5320MHz	Pass	PK	21.29128G	51.74	74.00	-22.26	3	Vertical	183	1.66
5320MHz	Pass	PK	26.60468G	52.01	68.20	-16.19	3	Vertical	177	1.50
5320MHz	Pass	AV	10.65326G	42.05	54.00	-11.95	3	Horizontal	184	1.50
5320MHz	Pass	AV	15.95676G	43.50	54.00	-10.50	3	Horizontal	0	2.84
5320MHz	Pass	AV	21.2797G	39.86	54.00	-14.14	3	Horizontal	189	1.61
5320MHz	Pass	PK	10.65122G	54.64	74.00	-19.36	3	Horizontal	184	1.50
5320MHz	Pass	PK	15.95622G	56.15	74.00	-17.85	3	Horizontal	0	2.84
5320MHz	Pass	PK	21.28066G	51.76	74.00	-22.24	3	Horizontal	189	1.61
5320MHz	Pass	PK	26.61308G	52.73	68.20	-15.47	3	Horizontal	167	1.50
5500MHz	Pass	AV	5.456G	47.77	54.00	-6.23	3	Vertical	320	1.00
5500MHz	Pass	AV	5.5046G	103.28	Inf	-Inf	3	Vertical	320	1.00
5500MHz	Pass	PK	5.4562G	60.22	74.00	-13.78	3	Vertical	320	1.00
5500MHz	Pass	PK	5.4676G	60.08	68.20	-8.12	3	Vertical	320	1.00
5500MHz	Pass	PK	5.5046G	115.41	Inf	-Inf	3	Vertical	320	1.00
5500MHz	Pass	AV	5.4596G	48.15	54.00	-5.85	3	Horizontal	50	1.00
5500MHz	Pass	AV	5.4984G	104.63	Inf	-Inf	3	Horizontal	50	1.00
5500MHz	Pass	PK	5.4504G	60.45	74.00	-13.55	3	Horizontal	50	1.00
5500MHz	Pass	PK	5.4694G	62.78	68.20	-5.42	3	Horizontal	50	1.00
5500MHz	Pass	PK	5.4992G	116.35	Inf	-Inf	3	Horizontal	50	1.00
5500MHz	Pass	AV	10.99208G	41.83	54.00	-12.17	3	Vertical	255	1.50
5500MHz	Pass	PK	11.01416G	54.70	74.00	-19.30	3	Vertical	255	1.50
5500MHz	Pass	PK	16.5063G	56.20	68.20	-12.00	3	Vertical	147	2.31
5500MHz	Pass	PK	21.98512G	51.24	68.20	-16.96	3	Vertical	190	1.48
5500MHz	Pass	PK	27.50156G	52.16	68.20	-16.04	3	Vertical	39	1.50
5500MHz	Pass	AV	10.99424G	41.88	54.00	-12.12	3	Horizontal	19	2.84
5500MHz	Pass	PK	11.00072G	53.85	74.00	-20.15	3	Horizontal	19	2.84
5500MHz	Pass	PK	16.50162G	59.03	68.20	-9.17	3	Horizontal	171	1.95
5500MHz	Pass	PK	21.99574G	50.98	68.20	-17.22	3	Horizontal	206	1.50
5500MHz	Pass	PK	27.51488G	53.05	68.20	-15.15	3	Horizontal	253	1.50
5580MHz	Pass	AV	5.4552G	47.60	54.00	-6.40	3	Vertical	319	1.00
5580MHz	Pass	AV	5.5788G	103.36	Inf	-Inf	3	Vertical	319	1.00
5580MHz	Pass	PK	5.4438G	59.67	74.00	-14.33	3	Vertical	319	1.00
5580MHz	Pass	PK	5.4654G	59.21	68.20	-8.99	3	Vertical	319	1.00
5580MHz	Pass	PK	5.5788G	115.49	Inf	-Inf	3	Vertical	319	1.00
5580MHz	Pass	PK	5.7252G	60.90	68.20	-7.30	3	Vertical	319	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	AV	5.4336G	47.62	54.00	-6.38	3	Horizontal	344	1.01
5580MHz	Pass	AV	5.5824G	105.40	Inf	-Inf	3	Horizontal	344	1.01
5580MHz	Pass	PK	5.4426G	60.24	74.00	-13.76	3	Horizontal	344	1.01
5580MHz	Pass	PK	5.4654G	59.32	68.20	-8.88	3	Horizontal	344	1.01
5580MHz	Pass	PK	5.5824G	117.04	Inf	-Inf	3	Horizontal	344	1.01
5580MHz	Pass	PK	5.7276G	60.72	68.20	-7.48	3	Horizontal	344	1.01
5580MHz	Pass	AV	11.15562G	42.25	54.00	-11.75	3	Vertical	139	2.56
5580MHz	Pass	AV	22.31988G	39.29	54.00	-14.71	3	Vertical	187	1.57
5580MHz	Pass	PK	11.15082G	54.41	74.00	-19.59	3	Vertical	139	2.56
5580MHz	Pass	PK	16.7352G	56.22	68.20	-11.98	3	Vertical	151	1.50
5580MHz	Pass	PK	22.31976G	50.30	74.00	-23.70	3	Vertical	187	1.57
5580MHz	Pass	PK	27.9033G	52.36	68.20	-15.84	3	Vertical	291	2.46
5580MHz	Pass	AV	11.1513G	42.28	54.00	-11.72	3	Horizontal	359	1.50
5580MHz	Pass	AV	22.3134G	37.53	54.00	-16.47	3	Horizontal	93	1.50
5580MHz	Pass	PK	11.15796G	55.38	74.00	-18.62	3	Horizontal	359	1.50
5580MHz	Pass	PK	16.74078G	60.57	68.20	-7.63	3	Horizontal	188	1.87
5580MHz	Pass	PK	22.30626G	49.96	74.00	-24.04	3	Horizontal	93	1.50
5580MHz	Pass	PK	27.89256G	52.47	68.20	-15.73	3	Horizontal	213	1.50
5700MHz	Pass	AV	5.6988G	104.16	Inf	-Inf	3	Vertical	313	1.08
5700MHz	Pass	PK	5.7008G	116.19	Inf	-Inf	3	Vertical	313	1.08
5700MHz	Pass	PK	5.7252G	64.81	68.20	-3.39	3	Vertical	313	1.08
5700MHz	Pass	AV	5.702G	105.87	Inf	-Inf	3	Horizontal	342	1.00
5700MHz	Pass	PK	5.7028G	117.93	Inf	-Inf	3	Horizontal	342	1.00
5700MHz	Pass	PK	5.7252G	65.50	68.20	-2.70	3	Horizontal	342	1.00
5700MHz	Pass	AV	11.39478G	43.49	54.00	-10.51	3	Vertical	120	2.46
5700MHz	Pass	AV	22.79988G	40.48	54.00	-13.52	3	Vertical	189	1.58
5700MHz	Pass	PK	11.38686G	55.38	74.00	-18.62	3	Vertical	120	2.46
5700MHz	Pass	PK	17.08872G	55.98	68.20	-12.22	3	Vertical	348	2.36
5700MHz	Pass	PK	22.80246G	50.58	74.00	-23.42	3	Vertical	189	1.58
5700MHz	Pass	PK	28.51188G	51.92	68.20	-16.28	3	Vertical	46	2.90
5700MHz	Pass	AV	11.39922G	43.41	54.00	-10.59	3	Horizontal	360	1.50
5700MHz	Pass	AV	22.7928G	38.29	54.00	-15.71	3	Horizontal	65	1.50
5700MHz	Pass	PK	11.41344G	55.68	74.00	-18.32	3	Horizontal	360	1.50
5700MHz	Pass	PK	17.10786G	59.63	68.20	-8.57	3	Horizontal	226	1.84
5700MHz	Pass	PK	22.78716G	50.55	74.00	-23.45	3	Horizontal	65	1.50
5700MHz	Pass	PK	28.50108G	52.66	68.20	-15.54	3	Horizontal	109	2.85
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	47.64	54.00	-6.36	3	Vertical	310	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	103.74	Inf	-Inf	3	Vertical	310	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4272G	60.23	74.00	-13.77	3	Vertical	310	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	59.18	68.20	-9.02	3	Vertical	310	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	114.55	Inf	-Inf	3	Vertical	310	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9G	62.41	68.20	-5.79	3	Vertical	310	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4548G	47.66	54.00	-6.34	3	Horizontal	343	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	105.99	Inf	-Inf	3	Horizontal	343	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4488G	59.56	74.00	-14.44	3	Horizontal	343	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	59.53	68.20	-8.67	3	Horizontal	343	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	117.23	Inf	-Inf	3	Horizontal	343	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9792G	61.32	68.20	-6.88	3	Horizontal	343	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43208G	43.12	54.00	-10.88	3	Vertical	159	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	AV	22.87976G	40.19	54.00	-13.81	3	Vertical	188	1.53
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4343G	56.01	74.00	-17.99	3	Vertical	159	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15376G	56.16	68.20	-12.04	3	Vertical	267	1.33
5720MHz Straddle 5.47-5.725GHz	Pass	PK	22.88768G	50.83	74.00	-23.17	3	Vertical	188	1.53
5720MHz Straddle 5.47-5.725GHz	Pass	PK	28.61362G	50.31	68.20	-17.89	3	Vertical	4	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43454G	43.13	54.00	-10.87	3	Horizontal	213	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	22.87976G	38.28	54.00	-15.72	3	Horizontal	172	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.42764G	55.40	74.00	-18.60	3	Horizontal	213	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1573G	61.08	68.20	-7.12	3	Horizontal	224	1.76
5720MHz Straddle 5.47-5.725GHz	Pass	PK	22.87598G	50.33	74.00	-23.67	3	Horizontal	172	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	28.60048G	51.06	68.20	-17.14	3	Horizontal	242	1.50
5745MHz	Pass	AV	5.457G	47.70	54.00	-6.30	3	Vertical	354	1.14
5745MHz	Pass	AV	5.7474G	106.94	Inf	-Inf	3	Vertical	354	1.14

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	PK	5.6238G	59.86	68.20	-8.34	3	Vertical	354	1.14
5745MHz	Pass	PK	5.7462G	117.09	Inf	-Inf	3	Vertical	354	1.14
5745MHz	Pass	PK	5.9382G	61.85	68.20	-6.35	3	Vertical	354	1.14
5745MHz	Pass	AV	5.4558G	47.71	54.00	-6.29	3	Horizontal	344	1.06
5745MHz	Pass	AV	5.7426G	109.41	Inf	-Inf	3	Horizontal	344	1.06
5745MHz	Pass	PK	5.6082G	60.95	68.20	-7.25	3	Horizontal	344	1.06
5745MHz	Pass	PK	5.7426G	120.54	Inf	-Inf	3	Horizontal	344	1.06
5745MHz	Pass	PK	5.9634G	62.81	68.20	-5.39	3	Horizontal	344	1.06
5745MHz	Pass	AV	11.48328G	42.94	54.00	-11.06	3	Vertical	42	2.09
5745MHz	Pass	AV	22.98498G	44.57	54.00	-9.43	3	Vertical	182	1.56
5745MHz	Pass	PK	11.4984G	54.85	74.00	-19.15	3	Vertical	42	2.09
5745MHz	Pass	PK	17.23458G	59.72	68.20	-8.48	3	Vertical	213	1.50
5745MHz	Pass	PK	22.986G	58.28	74.00	-15.72	3	Vertical	182	1.56
5745MHz	Pass	PK	28.725G	52.86	68.20	-15.34	3	Vertical	319	1.56
5745MHz	Pass	AV	11.48388G	42.99	54.00	-11.01	3	Horizontal	236	2.75
5745MHz	Pass	AV	22.98246G	46.83	54.00	-7.17	3	Horizontal	186	1.68
5745MHz	Pass	PK	11.48292G	54.87	74.00	-19.13	3	Horizontal	236	2.75
5745MHz	Pass	PK	17.23362G	66.99	68.20	-1.21	3	Horizontal	223	1.89
5745MHz	Pass	PK	22.97508G	60.61	74.00	-13.39	3	Horizontal	186	1.68
5745MHz	Pass	PK	28.7274G	52.52	68.20	-15.68	3	Horizontal	325	1.49
5785MHz	Pass	AV	5.7886G	109.52	Inf	-Inf	3	Vertical	360	1.00
5785MHz	Pass	PK	5.6386G	61.09	68.20	-7.11	3	Vertical	360	1.00
5785MHz	Pass	PK	5.7898G	119.65	Inf	-Inf	3	Vertical	360	1.00
5785MHz	Pass	PK	6.0562G	62.47	68.20	-5.73	3	Vertical	360	1.00
5785MHz	Pass	AV	5.7826G	112.46	Inf	-Inf	3	Horizontal	344	1.02
5785MHz	Pass	PK	5.623G	61.63	68.20	-6.57	3	Horizontal	344	1.02
5785MHz	Pass	PK	5.7814G	123.37	Inf	-Inf	3	Horizontal	344	1.02
5785MHz	Pass	PK	6.0718G	63.11	68.20	-5.09	3	Horizontal	344	1.02
5785MHz	Pass	AV	11.5688G	42.61	54.00	-11.39	3	Vertical	214	1.65
5785MHz	Pass	PK	11.57894G	54.15	74.00	-19.85	3	Vertical	214	1.65
5785MHz	Pass	PK	17.3496G	63.45	68.20	-4.75	3	Vertical	210	2.10
5785MHz	Pass	PK	23.14372G	59.36	68.20	-8.84	3	Vertical	155	1.59
5785MHz	Pass	PK	28.92074G	53.85	68.20	-14.35	3	Vertical	318	1.56
5785MHz	Pass	AV	11.56802G	42.61	54.00	-11.39	3	Horizontal	102	1.25
5785MHz	Pass	PK	11.57906G	54.75	74.00	-19.25	3	Horizontal	102	1.25
5785MHz	Pass	PK	17.3514G	65.87	68.20	-2.33	3	Horizontal	163	1.87
5785MHz	Pass	PK	23.1445G	64.29	68.20	-3.91	3	Horizontal	182	1.58
5785MHz	Pass	PK	28.922G	52.05	68.20	-16.15	3	Horizontal	325	1.50
5825MHz	Pass	AV	5.8274G	104.66	Inf	-Inf	3	Vertical	315	1.39
5825MHz	Pass	PK	5.6234G	60.81	68.20	-7.39	3	Vertical	315	1.39
5825MHz	Pass	PK	5.8262G	114.85	Inf	-Inf	3	Vertical	315	1.39
5825MHz	Pass	PK	6.053G	61.75	68.20	-6.45	3	Vertical	315	1.39
5825MHz	Pass	AV	5.8226G	108.54	Inf	-Inf	3	Horizontal	341	1.00
5825MHz	Pass	PK	5.5934G	60.75	68.20	-7.45	3	Horizontal	341	1.00
5825MHz	Pass	PK	5.8226G	118.80	Inf	-Inf	3	Horizontal	341	1.00
5825MHz	Pass	PK	6.0218G	62.03	68.20	-6.17	3	Horizontal	341	1.00
5825MHz	Pass	AV	11.64724G	42.23	54.00	-11.77	3	Vertical	300	2.26
5825MHz	Pass	PK	11.638G	54.50	74.00	-19.50	3	Vertical	300	2.26
5825MHz	Pass	PK	17.47812G	59.84	68.20	-8.36	3	Vertical	156	2.01
5825MHz	Pass	PK	23.29232G	59.11	68.20	-9.09	3	Vertical	182	1.57
5825MHz	Pass	PK	29.11948G	52.46	68.20	-15.74	3	Vertical	322	1.37
5825MHz	Pass	AV	11.64736G	42.15	54.00	-11.85	3	Horizontal	132	2.08
5825MHz	Pass	PK	11.65912G	54.56	74.00	-19.44	3	Horizontal	132	2.08
5825MHz	Pass	PK	17.47764G	66.61	68.20	-1.59	3	Horizontal	236	1.89
5825MHz	Pass	PK	23.30384G	62.04	68.20	-6.16	3	Horizontal	182	1.59
5825MHz	Pass	PK	29.12194G	52.35	68.20	-15.85	3	Horizontal	233	1.50
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1496G	51.34	54.00	-2.66	3	Vertical	314	1.15
5190MHz	Pass	AV	5.1908G	98.79	Inf	-Inf	3	Vertical	314	1.15
5190MHz	Pass	PK	5.1488G	63.81	74.00	-10.19	3	Vertical	314	1.15
5190MHz	Pass	PK	5.1892G	109.76	Inf	-Inf	3	Vertical	314	1.15
5190MHz	Pass	AV	5.15G	50.92	54.00	-3.08	3	Horizontal	41	1.01

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5190MHz	Pass	AV	5.1932G	100.67	Inf	-Inf	3	Horizontal	41	1.01
5190MHz	Pass	PK	5.1448G	62.20	74.00	-11.80	3	Horizontal	41	1.01
5190MHz	Pass	PK	5.192G	111.55	Inf	-Inf	3	Horizontal	41	1.01
5190MHz	Pass	AV	15.54096G	44.24	54.00	-9.76	3	Vertical	64	1.50
5190MHz	Pass	AV	20.74632G	36.41	54.00	-17.59	3	Vertical	221	1.00
5190MHz	Pass	PK	10.36776G	53.36	68.20	-14.84	3	Vertical	78	1.44
5190MHz	Pass	PK	15.54216G	57.24	74.00	-16.76	3	Vertical	64	1.50
5190MHz	Pass	PK	20.76516G	48.55	74.00	-25.45	3	Vertical	221	1.00
5190MHz	Pass	PK	25.96392G	49.61	68.20	-18.59	3	Vertical	66	1.50
5190MHz	Pass	AV	15.57396G	45.76	54.00	-8.24	3	Horizontal	31	1.00
5190MHz	Pass	AV	20.73G	36.49	54.00	-17.51	3	Horizontal	278	1.50
5190MHz	Pass	PK	10.4094G	54.63	68.20	-13.57	3	Horizontal	171	1.50
5190MHz	Pass	PK	15.57468G	58.73	74.00	-15.27	3	Horizontal	31	1.00
5190MHz	Pass	PK	20.74968G	48.79	74.00	-25.21	3	Horizontal	278	1.50
5190MHz	Pass	PK	25.9398G	51.06	68.20	-17.14	3	Horizontal	226	1.52
5230MHz	Pass	AV	5.144G	50.29	54.00	-3.71	3	Vertical	312	1.13
5230MHz	Pass	AV	5.2344G	103.46	Inf	-Inf	3	Vertical	312	1.13
5230MHz	Pass	PK	5.1436G	64.78	74.00	-9.22	3	Vertical	312	1.13
5230MHz	Pass	PK	5.2352G	115.27	Inf	-Inf	3	Vertical	312	1.13
5230MHz	Pass	AV	5.1488G	53.55	54.00	-0.45	3	Horizontal	298	1.02
5230MHz	Pass	AV	5.2292G	106.75	Inf	-Inf	3	Horizontal	298	1.02
5230MHz	Pass	PK	5.1468G	69.76	74.00	-4.24	3	Horizontal	298	1.02
5230MHz	Pass	PK	5.2292G	118.49	Inf	-Inf	3	Horizontal	298	1.02
5230MHz	Pass	AV	15.68472G	47.87	54.00	-6.13	3	Vertical	0	1.95
5230MHz	Pass	AV	20.92012G	45.48	54.00	-8.52	3	Vertical	175	1.62
5230MHz	Pass	PK	10.47008G	53.68	68.20	-14.52	3	Vertical	316	1.12
5230MHz	Pass	PK	15.69576G	60.90	74.00	-13.10	3	Vertical	0	1.95
5230MHz	Pass	PK	20.91064G	57.39	74.00	-16.61	3	Vertical	175	1.62
5230MHz	Pass	PK	26.1728G	50.50	68.20	-17.70	3	Vertical	210	1.50
5230MHz	Pass	AV	15.6948G	53.62	54.00	-0.38	3	Horizontal	38	1.00
5230MHz	Pass	AV	20.92036G	47.35	54.00	-6.65	3	Horizontal	194	1.61
5230MHz	Pass	PK	10.45544G	53.95	68.20	-14.25	3	Horizontal	38	1.72
5230MHz	Pass	PK	15.70392G	68.50	74.00	-5.50	3	Horizontal	38	1.00
5230MHz	Pass	PK	20.90956G	59.71	74.00	-14.29	3	Horizontal	194	1.61
5230MHz	Pass	PK	26.15768G	50.90	68.20	-17.30	3	Horizontal	152	1.63
5270MHz	Pass	AV	5.2692G	103.08	Inf	-Inf	3	Vertical	314	1.06
5270MHz	Pass	AV	5.35G	51.66	54.00	-2.34	3	Vertical	314	1.06
5270MHz	Pass	PK	5.2688G	113.92	Inf	-Inf	3	Vertical	314	1.06
5270MHz	Pass	PK	5.3512G	67.69	74.00	-6.31	3	Vertical	314	1.06
5270MHz	Pass	AV	5.2736G	105.91	Inf	-Inf	3	Horizontal	296	1.11
5270MHz	Pass	AV	5.3528G	52.54	54.00	-1.46	3	Horizontal	296	1.11
5270MHz	Pass	PK	5.2732G	117.64	Inf	-Inf	3	Horizontal	296	1.11
5270MHz	Pass	PK	5.3548G	67.73	74.00	-6.27	3	Horizontal	296	1.11
5270MHz	Pass	AV	15.80976G	47.74	54.00	-6.26	3	Vertical	0	2.06
5270MHz	Pass	AV	21.07892G	45.21	54.00	-8.79	3	Vertical	188	1.62
5270MHz	Pass	PK	10.52392G	54.11	68.20	-14.09	3	Vertical	78	1.73
5270MHz	Pass	PK	15.80028G	61.04	74.00	-12.96	3	Vertical	0	2.06
5270MHz	Pass	PK	21.07748G	56.60	74.00	-17.40	3	Vertical	188	1.62
5270MHz	Pass	PK	26.36764G	50.87	68.20	-17.33	3	Vertical	102	1.21
5270MHz	Pass	AV	15.80916G	46.63	54.00	-7.37	3	Horizontal	0	1.00
5270MHz	Pass	AV	21.07916G	47.30	54.00	-6.70	3	Horizontal	190	1.61
5270MHz	Pass	PK	10.56532G	54.64	68.20	-13.56	3	Horizontal	203	1.50
5270MHz	Pass	PK	15.7998G	61.25	74.00	-12.75	3	Horizontal	0	1.00
5270MHz	Pass	PK	21.07964G	58.97	74.00	-15.03	3	Horizontal	190	1.61
5270MHz	Pass	PK	26.34808G	52.45	68.20	-15.75	3	Horizontal	150	1.61
5310MHz	Pass	AV	5.3108G	101.56	Inf	-Inf	3	Vertical	328	1.07
5310MHz	Pass	AV	5.3504G	52.68	54.00	-1.32	3	Vertical	328	1.07
5310MHz	Pass	PK	5.3108G	113.58	Inf	-Inf	3	Vertical	328	1.07
5310MHz	Pass	PK	5.3504G	67.97	74.00	-6.03	3	Vertical	328	1.07
5310MHz	Pass	AV	5.3132G	104.00	Inf	-Inf	3	Horizontal	294	1.07
5310MHz	Pass	AV	5.3524G	53.61	54.00	-0.39	3	Horizontal	294	1.07
5310MHz	Pass	PK	5.314G	116.14	Inf	-Inf	3	Horizontal	294	1.07

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	PK	5.354G	68.38	74.00	-5.62	3	Horizontal	294	1.07
5310MHz	Pass	AV	10.62516G	42.02	54.00	-11.98	3	Vertical	360	1.50
5310MHz	Pass	AV	15.91848G	43.63	54.00	-10.37	3	Vertical	169	1.47
5310MHz	Pass	AV	21.24084G	40.05	54.00	-13.95	3	Vertical	182	1.60
5310MHz	Pass	PK	10.6344G	53.70	74.00	-20.30	3	Vertical	360	1.50
5310MHz	Pass	PK	15.95904G	56.30	74.00	-17.70	3	Vertical	169	1.47
5310MHz	Pass	PK	21.22008G	51.26	74.00	-22.74	3	Vertical	182	1.60
5310MHz	Pass	PK	26.53692G	50.87	68.20	-17.33	3	Vertical	17	2.58
5310MHz	Pass	AV	10.6266G	42.04	54.00	-11.96	3	Horizontal	204	1.50
5310MHz	Pass	AV	15.91596G	44.18	54.00	-9.82	3	Horizontal	5	1.96
5310MHz	Pass	AV	21.2304G	40.44	54.00	-13.56	3	Horizontal	189	1.58
5310MHz	Pass	PK	10.64184G	54.53	74.00	-19.47	3	Horizontal	204	1.50
5310MHz	Pass	PK	15.9246G	57.22	74.00	-16.78	3	Horizontal	5	1.96
5310MHz	Pass	PK	21.24024G	51.63	74.00	-22.37	3	Horizontal	189	1.58
5310MHz	Pass	PK	26.53008G	51.07	68.20	-17.13	3	Horizontal	26	1.50
5510MHz	Pass	AV	5.46G	49.58	54.00	-4.42	3	Vertical	317	1.18
5510MHz	Pass	AV	5.5088G	102.02	Inf	-Inf	3	Vertical	317	1.18
5510MHz	Pass	PK	5.4596G	62.21	74.00	-11.79	3	Vertical	317	1.18
5510MHz	Pass	PK	5.4696G	65.46	68.20	-2.74	3	Vertical	317	1.18
5510MHz	Pass	PK	5.5088G	113.57	Inf	-Inf	3	Vertical	317	1.18
5510MHz	Pass	AV	5.46G	49.23	54.00	-4.77	3	Horizontal	347	1.00
5510MHz	Pass	AV	5.5128G	103.60	Inf	-Inf	3	Horizontal	347	1.00
5510MHz	Pass	PK	5.4544G	63.02	74.00	-10.98	3	Horizontal	347	1.00
5510MHz	Pass	PK	5.4628G	65.07	68.20	-3.13	3	Horizontal	347	1.00
5510MHz	Pass	PK	5.5132G	115.33	Inf	-Inf	3	Horizontal	347	1.00
5510MHz	Pass	AV	11.03284G	41.80	54.00	-12.20	3	Vertical	185	2.24
5510MHz	Pass	AV	22.03976G	39.65	54.00	-14.35	3	Vertical	189	1.55
5510MHz	Pass	PK	11.02324G	54.27	74.00	-19.73	3	Vertical	185	2.24
5510MHz	Pass	PK	16.54332G	57.09	68.20	-11.11	3	Vertical	40	1.75
5510MHz	Pass	PK	22.0196G	50.65	74.00	-23.35	3	Vertical	189	1.55
5510MHz	Pass	PK	27.52972G	50.10	68.20	-18.10	3	Vertical	49	2.83
5510MHz	Pass	AV	11.0308G	41.83	54.00	-12.17	3	Horizontal	17	1.54
5510MHz	Pass	AV	22.02284G	38.55	54.00	-15.45	3	Horizontal	159	1.45
5510MHz	Pass	PK	11.0344G	53.64	74.00	-20.36	3	Horizontal	17	1.54
5510MHz	Pass	PK	16.52736G	56.87	68.20	-11.33	3	Horizontal	190	1.83
5510MHz	Pass	PK	22.02836G	49.71	74.00	-24.29	3	Horizontal	159	1.45
5510MHz	Pass	PK	27.52888G	50.33	68.20	-17.87	3	Horizontal	236	2.10
5550MHz	Pass	AV	5.4596G	49.08	54.00	-4.92	3	Vertical	321	1.07
5550MHz	Pass	AV	5.5488G	102.53	Inf	-Inf	3	Vertical	321	1.07
5550MHz	Pass	PK	5.4584G	65.00	74.00	-9.00	3	Vertical	321	1.07
5550MHz	Pass	PK	5.4692G	64.51	68.20	-3.69	3	Vertical	321	1.07
5550MHz	Pass	PK	5.5496G	114.15	Inf	-Inf	3	Vertical	321	1.07
5550MHz	Pass	AV	5.46G	49.52	54.00	-4.48	3	Horizontal	345	1.00
5550MHz	Pass	AV	5.5524G	105.01	Inf	-Inf	3	Horizontal	345	1.00
5550MHz	Pass	PK	5.45G	64.39	74.00	-9.61	3	Horizontal	345	1.00
5550MHz	Pass	PK	5.4612G	68.18	68.20	-0.02	3	Horizontal	345	1.00
5550MHz	Pass	PK	5.554G	115.76	Inf	-Inf	3	Horizontal	345	1.00
5550MHz	Pass	AV	11.10924G	42.16	54.00	-11.84	3	Vertical	345	1.00
5550MHz	Pass	AV	22.19988G	40.79	54.00	-13.21	3	Vertical	187	1.58
5550MHz	Pass	PK	11.11056G	54.12	74.00	-19.88	3	Vertical	345	1.00
5550MHz	Pass	PK	16.65768G	56.66	68.20	-11.54	3	Vertical	84	2.06
5550MHz	Pass	PK	22.2G	50.24	74.00	-23.76	3	Vertical	187	1.58
5550MHz	Pass	PK	27.75432G	50.31	68.20	-17.89	3	Vertical	125	1.06
5550MHz	Pass	AV	11.11248G	42.13	54.00	-11.87	3	Horizontal	267	1.70
5550MHz	Pass	AV	22.1904G	41.17	54.00	-12.83	3	Horizontal	196	1.61
5550MHz	Pass	PK	11.1102G	54.46	74.00	-19.54	3	Horizontal	267	1.70
5550MHz	Pass	PK	16.64544G	59.90	68.20	-8.30	3	Horizontal	187	1.93
5550MHz	Pass	PK	22.20948G	54.17	74.00	-19.83	3	Horizontal	196	1.61
5550MHz	Pass	PK	27.74244G	50.90	68.20	-17.30	3	Horizontal	63	1.50
5670MHz	Pass	AV	5.673G	100.22	Inf	-Inf	3	Vertical	343	1.50
5670MHz	Pass	PK	5.6724G	111.96	Inf	-Inf	3	Vertical	343	1.50
5670MHz	Pass	PK	5.7258G	64.20	68.20	-4.00	3	Vertical	343	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5670MHz	Pass	AV	5.6718G	104.31	Inf	-Inf	3	Horizontal	343	1.07
5670MHz	Pass	PK	5.6718G	115.69	Inf	-Inf	3	Horizontal	343	1.07
5670MHz	Pass	PK	5.7258G	66.61	68.20	-1.59	3	Horizontal	343	1.07
5670MHz	Pass	AV	11.35692G	43.31	54.00	-10.69	3	Vertical	26	2.60
5670MHz	Pass	AV	22.67988G	40.57	54.00	-13.43	3	Vertical	188	1.59
5670MHz	Pass	PK	11.31744G	56.04	74.00	-17.96	3	Vertical	26	2.60
5670MHz	Pass	PK	17.00664G	56.36	68.20	-11.84	3	Vertical	319	2.75
5670MHz	Pass	PK	22.67976G	50.68	74.00	-23.32	3	Vertical	188	1.59
5670MHz	Pass	PK	28.36476G	50.34	68.20	-17.86	3	Vertical	242	1.50
5670MHz	Pass	AV	11.35548G	43.31	54.00	-10.69	3	Horizontal	240	1.50
5670MHz	Pass	AV	22.67544G	38.09	54.00	-15.91	3	Horizontal	129	1.44
5670MHz	Pass	PK	11.3352G	55.87	74.00	-18.13	3	Horizontal	240	1.50
5670MHz	Pass	PK	17.01768G	60.19	68.20	-8.01	3	Horizontal	167	1.99
5670MHz	Pass	PK	22.683G	48.54	74.00	-25.46	3	Horizontal	129	1.44
5670MHz	Pass	PK	28.33692G	50.56	68.20	-17.64	3	Horizontal	230	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4592G	47.69	54.00	-6.31	3	Vertical	341	1.32
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	102.55	Inf	-Inf	3	Vertical	341	1.32
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4484G	59.29	74.00	-14.71	3	Vertical	341	1.32
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	58.75	68.20	-9.45	3	Vertical	341	1.32
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7124G	114.65	Inf	-Inf	3	Vertical	341	1.32
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9404G	62.17	68.20	-6.03	3	Vertical	341	1.32
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4256G	47.90	54.00	-6.10	3	Horizontal	345	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	106.00	Inf	-Inf	3	Horizontal	345	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4472G	59.30	74.00	-14.70	3	Horizontal	345	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.47G	59.45	68.20	-8.75	3	Horizontal	345	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7124G	115.76	Inf	-Inf	3	Horizontal	345	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8564G	63.68	68.20	-4.52	3	Horizontal	345	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39552G	43.32	54.00	-10.68	3	Vertical	138	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	22.84G	41.79	54.00	-12.21	3	Vertical	196	1.59
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40944G	55.07	74.00	-18.93	3	Vertical	138	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12352G	57.43	68.20	-10.77	3	Vertical	214	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	22.83856G	52.17	74.00	-21.83	3	Vertical	196	1.59
5710MHz Straddle 5.47-5.725GHz	Pass	PK	28.53548G	50.49	68.20	-17.71	3	Vertical	114	1.90
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39492G	43.30	54.00	-10.70	3	Horizontal	216	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	22.83496G	42.36	54.00	-11.64	3	Horizontal	168	1.60
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42828G	56.33	74.00	-17.67	3	Horizontal	216	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13216G	64.28	68.20	-3.92	3	Horizontal	226	1.88
5710MHz Straddle 5.47-5.725GHz	Pass	PK	22.83436G	53.64	74.00	-20.36	3	Horizontal	168	1.60
5710MHz Straddle 5.47-5.725GHz	Pass	PK	28.53284G	50.09	68.20	-18.11	3	Horizontal	330	1.50
5755MHz	Pass	AV	5.4562G	47.55	54.00	-6.45	3	Vertical	311	1.12
5755MHz	Pass	AV	5.7586G	102.72	Inf	-Inf	3	Vertical	311	1.12
5755MHz	Pass	PK	5.6434G	61.13	68.20	-7.07	3	Vertical	311	1.12
5755MHz	Pass	PK	5.7586G	112.77	Inf	-Inf	3	Vertical	311	1.12
5755MHz	Pass	PK	6.0382G	62.03	68.20	-6.17	3	Vertical	311	1.12
5755MHz	Pass	AV	5.4562G	47.62	54.00	-6.38	3	Horizontal	340	1.06
5755MHz	Pass	AV	5.7514G	104.99	Inf	-Inf	3	Horizontal	340	1.06
5755MHz	Pass	PK	5.6362G	63.30	68.20	-4.90	3	Horizontal	340	1.06
5755MHz	Pass	PK	5.7526G	115.87	Inf	-Inf	3	Horizontal	340	1.06
5755MHz	Pass	PK	5.9554G	62.10	68.20	-6.10	3	Horizontal	340	1.06
5755MHz	Pass	AV	11.483G	42.92	54.00	-11.08	3	Vertical	120	2.25
5755MHz	Pass	AV	23.01976G	40.30	54.00	-13.70	3	Vertical	190	1.50
5755MHz	Pass	PK	11.50844G	54.39	74.00	-19.61	3	Vertical	120	2.25
5755MHz	Pass	PK	17.26668G	57.17	68.20	-11.03	3	Vertical	210	1.10
5755MHz	Pass	PK	23.0164G	50.49	74.00	-23.51	3	Vertical	190	1.50
5755MHz	Pass	PK	28.75616G	50.33	68.20	-17.87	3	Vertical	266	2.09
5755MHz	Pass	AV	11.4854G	42.93	54.00	-11.07	3	Horizontal	241	2.22
5755MHz	Pass	AV	23.02G	41.67	54.00	-12.33	3	Horizontal	337	1.57
5755MHz	Pass	PK	11.5316G	55.17	74.00	-18.83	3	Horizontal	241	2.22
5755MHz	Pass	PK	17.25636G	61.90	68.20	-6.30	3	Horizontal	224	1.88
5755MHz	Pass	PK	23.01004G	53.06	74.00	-20.94	3	Horizontal	337	1.57
5755MHz	Pass	PK	28.7564G	49.78	68.20	-18.42	3	Horizontal	147	2.79
5795MHz	Pass	AV	5.7926G	104.28	Inf	-Inf	3	Vertical	342	1.50

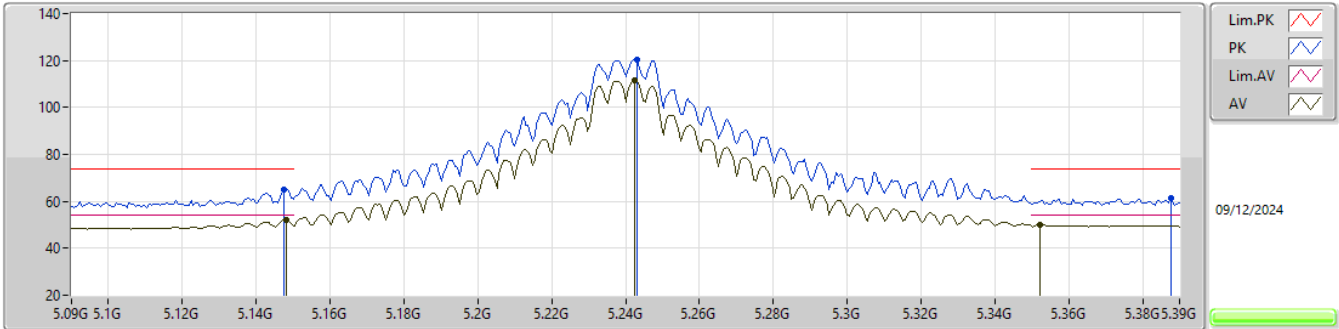
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	PK	5.6234G	61.35	68.20	-6.85	3	Vertical	342	1.50
5795MHz	Pass	PK	5.7926G	116.08	Inf	-Inf	3	Vertical	342	1.50
5795MHz	Pass	PK	5.939G	64.18	68.20	-4.02	3	Vertical	342	1.50
5795MHz	Pass	AV	5.7926G	108.64	Inf	-Inf	3	Horizontal	343	1.00
5795MHz	Pass	PK	5.6498G	63.79	68.20	-4.41	3	Horizontal	343	1.00
5795MHz	Pass	PK	5.7998G	119.18	Inf	-Inf	3	Horizontal	343	1.00
5795MHz	Pass	PK	5.939G	67.92	68.20	-0.28	3	Horizontal	343	1.00
5795MHz	Pass	AV	11.56276G	42.47	54.00	-11.53	3	Vertical	360	1.50
5795MHz	Pass	PK	11.60488G	54.28	74.00	-19.72	3	Vertical	360	1.50
5795MHz	Pass	PK	17.382G	58.87	68.20	-9.33	3	Vertical	341	1.50
5795MHz	Pass	PK	23.1848G	61.30	68.20	-6.90	3	Vertical	162	1.59
5795MHz	Pass	PK	28.99588G	52.53	68.20	-15.67	3	Vertical	321	1.61
5795MHz	Pass	AV	11.57008G	42.46	54.00	-11.54	3	Horizontal	10	1.50
5795MHz	Pass	PK	11.61148G	54.65	74.00	-19.35	3	Horizontal	10	1.50
5795MHz	Pass	PK	17.38308G	64.99	68.20	-3.21	3	Horizontal	223	1.87
5795MHz	Pass	PK	23.1902G	62.76	68.20	-5.44	3	Horizontal	184	1.63
5795MHz	Pass	PK	28.98664G	52.47	68.20	-15.73	3	Horizontal	324	1.53
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.146G	51.70	54.00	-2.30	3	Vertical	326	1.00
5210MHz	Pass	AV	5.216G	94.70	Inf	-Inf	3	Vertical	326	1.00
5210MHz	Pass	AV	5.357G	47.84	54.00	-6.16	3	Vertical	326	1.00
5210MHz	Pass	PK	5.147G	62.61	74.00	-11.39	3	Vertical	326	1.00
5210MHz	Pass	PK	5.216G	105.99	Inf	-Inf	3	Vertical	326	1.00
5210MHz	Pass	PK	5.446G	60.67	74.00	-13.33	3	Vertical	326	1.00
5210MHz	Pass	AV	5.148G	52.64	54.00	-1.36	3	Horizontal	42	1.04
5210MHz	Pass	AV	5.208G	95.53	Inf	-Inf	3	Horizontal	42	1.04
5210MHz	Pass	AV	5.376G	48.07	54.00	-5.93	3	Horizontal	42	1.04
5210MHz	Pass	PK	5.147G	64.06	74.00	-9.94	3	Horizontal	42	1.04
5210MHz	Pass	PK	5.199G	107.17	Inf	-Inf	3	Horizontal	42	1.04
5210MHz	Pass	PK	5.424G	60.07	74.00	-13.93	3	Horizontal	42	1.04
5210MHz	Pass	AV	15.60744G	44.28	54.00	-9.72	3	Vertical	345	1.50
5210MHz	Pass	AV	20.89856G	36.89	54.00	-17.11	3	Vertical	149	1.50
5210MHz	Pass	PK	10.41856G	53.70	68.20	-14.50	3	Vertical	120	1.50
5210MHz	Pass	PK	15.60456G	56.71	74.00	-17.29	3	Vertical	345	1.50
5210MHz	Pass	PK	20.87072G	47.33	74.00	-26.67	3	Vertical	149	1.50
5210MHz	Pass	PK	26.01112G	50.85	68.20	-17.35	3	Vertical	217	2.21
5210MHz	Pass	AV	15.57144G	44.24	54.00	-9.76	3	Horizontal	192	1.40
5210MHz	Pass	AV	20.89568G	36.90	54.00	-17.10	3	Horizontal	185	1.50
5210MHz	Pass	PK	10.43704G	53.87	68.20	-14.33	3	Horizontal	125	1.61
5210MHz	Pass	PK	15.64416G	56.76	74.00	-17.24	3	Horizontal	192	1.40
5210MHz	Pass	PK	20.86808G	47.51	74.00	-26.49	3	Horizontal	185	1.50
5210MHz	Pass	PK	26.00104G	49.65	68.20	-18.55	3	Horizontal	80	1.50
5290MHz	Pass	AV	5.042G	47.50	54.00	-6.50	3	Vertical	325	1.00
5290MHz	Pass	AV	5.291G	96.56	Inf	-Inf	3	Vertical	325	1.00
5290MHz	Pass	AV	5.351G	51.95	54.00	-2.05	3	Vertical	325	1.00
5290MHz	Pass	PK	5.134G	59.96	74.00	-14.04	3	Vertical	325	1.00
5290MHz	Pass	PK	5.291G	107.45	Inf	-Inf	3	Vertical	325	1.00
5290MHz	Pass	PK	5.351G	63.48	74.00	-10.52	3	Vertical	325	1.00
5290MHz	Pass	PK	5.482G	60.14	68.20	-8.06	3	Vertical	325	1.00
5290MHz	Pass	AV	5.145G	47.74	54.00	-6.26	3	Horizontal	298	1.00
5290MHz	Pass	AV	5.294G	99.55	Inf	-Inf	3	Horizontal	298	1.00
5290MHz	Pass	AV	5.355G	53.14	54.00	-0.86	3	Horizontal	298	1.00
5290MHz	Pass	PK	5.1G	59.45	74.00	-14.55	3	Horizontal	298	1.00
5290MHz	Pass	PK	5.293G	111.11	Inf	-Inf	3	Horizontal	298	1.00
5290MHz	Pass	PK	5.354G	65.43	74.00	-8.57	3	Horizontal	298	1.00
5290MHz	Pass	PK	5.5G	60.09	68.20	-8.11	3	Horizontal	298	1.00
5290MHz	Pass	AV	15.89472G	43.66	54.00	-10.34	3	Vertical	1	1.50
5290MHz	Pass	AV	21.21688G	37.91	54.00	-16.09	3	Vertical	339	1.50
5290MHz	Pass	PK	10.5536G	54.42	68.20	-13.78	3	Vertical	321	1.75
5290MHz	Pass	PK	15.90192G	57.47	74.00	-16.53	3	Vertical	1	1.50
5290MHz	Pass	PK	21.18304G	48.40	74.00	-25.60	3	Vertical	339	1.50
5290MHz	Pass	PK	26.40176G	50.58	68.20	-17.62	3	Vertical	228	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5290MHz	Pass	AV	10.62512G	42.04	54.00	-11.96	3	Horizontal	318	1.50
5290MHz	Pass	AV	15.81456G	43.63	54.00	-10.37	3	Horizontal	283	1.50
5290MHz	Pass	AV	21.21208G	37.93	54.00	-16.07	3	Horizontal	90	2.91
5290MHz	Pass	PK	10.53416G	53.98	68.20	-14.22	3	Horizontal	318	1.50
5290MHz	Pass	PK	15.85512G	56.40	74.00	-17.60	3	Horizontal	283	1.50
5290MHz	Pass	PK	21.18472G	48.96	74.00	-25.04	3	Horizontal	90	2.91
5290MHz	Pass	PK	26.47856G	51.36	68.20	-16.84	3	Horizontal	127	1.73
5530MHz	Pass	AV	5.35G	47.46	54.00	-6.54	3	Vertical	322	1.04
5530MHz	Pass	AV	5.455G	50.89	54.00	-3.11	3	Vertical	322	1.04
5530MHz	Pass	AV	5.525G	96.32	Inf	-Inf	3	Vertical	322	1.04
5530MHz	Pass	PK	5.346G	59.73	68.20	-8.47	3	Vertical	322	1.04
5530MHz	Pass	PK	5.455G	63.01	74.00	-10.99	3	Vertical	322	1.04
5530MHz	Pass	PK	5.466G	64.02	68.20	-4.18	3	Vertical	322	1.04
5530MHz	Pass	PK	5.515G	107.58	Inf	-Inf	3	Vertical	322	1.04
5530MHz	Pass	PK	5.752G	60.72	68.20	-7.48	3	Vertical	322	1.04
5530MHz	Pass	AV	5.35G	47.45	54.00	-6.55	3	Horizontal	344	1.07
5530MHz	Pass	AV	5.457G	52.02	54.00	-1.98	3	Horizontal	344	1.07
5530MHz	Pass	AV	5.527G	97.65	Inf	-Inf	3	Horizontal	344	1.07
5530MHz	Pass	PK	5.302G	60.68	68.20	-7.52	3	Horizontal	344	1.07
5530MHz	Pass	PK	5.457G	65.34	74.00	-8.66	3	Horizontal	344	1.07
5530MHz	Pass	PK	5.468G	64.70	68.20	-3.50	3	Horizontal	344	1.07
5530MHz	Pass	PK	5.538G	109.17	Inf	-Inf	3	Horizontal	344	1.07
5530MHz	Pass	PK	5.726G	61.45	68.20	-6.75	3	Horizontal	344	1.07
5530MHz	Pass	AV	11.1104G	42.25	54.00	-11.75	3	Vertical	360	1.29
5530MHz	Pass	AV	22.06048G	38.59	54.00	-15.41	3	Vertical	301	1.18
5530MHz	Pass	PK	11.07416G	53.41	74.00	-20.59	3	Vertical	360	1.29
5530MHz	Pass	PK	16.62672G	55.29	68.20	-12.91	3	Vertical	244	2.16
5530MHz	Pass	PK	22.13584G	48.68	74.00	-25.32	3	Vertical	301	1.18
5530MHz	Pass	PK	27.70472G	49.18	68.20	-19.02	3	Vertical	164	2.28
5530MHz	Pass	AV	11.10848G	42.10	54.00	-11.90	3	Horizontal	339	1.50
5530MHz	Pass	AV	22.06192G	38.63	54.00	-15.37	3	Horizontal	82	1.50
5530MHz	Pass	PK	11.07944G	54.99	74.00	-19.01	3	Horizontal	339	1.50
5530MHz	Pass	PK	16.60008G	55.80	68.20	-12.40	3	Horizontal	85	2.74
5530MHz	Pass	PK	22.14808G	49.92	74.00	-24.08	3	Horizontal	82	1.50
5530MHz	Pass	PK	27.70544G	50.09	68.20	-18.11	3	Horizontal	338	1.50
5610MHz	Pass	AV	5.454G	48.85	54.00	-5.15	3	Vertical	317	1.00
5610MHz	Pass	AV	5.605G	98.89	Inf	-Inf	3	Vertical	317	1.00
5610MHz	Pass	PK	5.455G	62.81	74.00	-11.19	3	Vertical	317	1.00
5610MHz	Pass	PK	5.465G	63.05	68.20	-5.15	3	Vertical	317	1.00
5610MHz	Pass	PK	5.604G	110.01	Inf	-Inf	3	Vertical	317	1.00
5610MHz	Pass	PK	5.725G	64.75	68.20	-3.45	3	Vertical	317	1.00
5610MHz	Pass	AV	5.457G	49.73	54.00	-4.27	3	Horizontal	344	1.01
5610MHz	Pass	AV	5.607G	101.16	Inf	-Inf	3	Horizontal	344	1.01
5610MHz	Pass	PK	5.458G	66.27	74.00	-7.73	3	Horizontal	344	1.01
5610MHz	Pass	PK	5.468G	66.40	68.20	-1.80	3	Horizontal	344	1.01
5610MHz	Pass	PK	5.616G	112.60	Inf	-Inf	3	Horizontal	344	1.01
5610MHz	Pass	PK	5.727G	66.67	68.20	-1.53	3	Horizontal	344	1.01
5610MHz	Pass	AV	11.26992G	42.89	54.00	-11.11	3	Vertical	176	1.50
5610MHz	Pass	AV	22.49496G	37.58	54.00	-16.42	3	Vertical	13	1.50
5610MHz	Pass	PK	11.24712G	54.98	74.00	-19.02	3	Vertical	176	1.50
5610MHz	Pass	PK	16.78824G	55.75	68.20	-12.45	3	Vertical	175	2.46
5610MHz	Pass	PK	22.41312G	48.23	74.00	-25.77	3	Vertical	13	1.50
5610MHz	Pass	PK	28.08888G	50.37	68.20	-17.83	3	Vertical	214	1.50
5610MHz	Pass	AV	11.27328G	42.96	54.00	-11.04	3	Horizontal	194	2.41
5610MHz	Pass	AV	22.49688G	37.49	54.00	-16.51	3	Horizontal	237	1.50
5610MHz	Pass	PK	11.2476G	56.34	74.00	-17.66	3	Horizontal	194	2.41
5610MHz	Pass	PK	16.85664G	57.87	68.20	-10.33	3	Horizontal	187	1.92
5610MHz	Pass	PK	22.49904G	47.51	74.00	-26.49	3	Horizontal	237	1.50
5610MHz	Pass	PK	28.074G	51.25	68.20	-16.95	3	Horizontal	265	1.27
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	48.67	54.00	-5.33	3	Vertical	319	1.14
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6888G	99.98	Inf	-Inf	3	Vertical	319	1.14
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	62.28	74.00	-11.72	3	Vertical	319	1.14

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	63.35	68.20	-4.85	3	Vertical	319	1.14
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6792G	111.43	Inf	-Inf	3	Vertical	319	1.14
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8616G	64.58	68.20	-3.62	3	Vertical	319	1.14
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	49.24	54.00	-4.76	3	Horizontal	345	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6924G	102.11	Inf	-Inf	3	Horizontal	345	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4392G	62.89	74.00	-11.11	3	Horizontal	345	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	63.43	68.20	-4.77	3	Horizontal	345	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6924G	114.68	Inf	-Inf	3	Horizontal	345	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	67.02	68.20	-1.18	3	Horizontal	345	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39056G	43.27	54.00	-10.73	3	Vertical	310	2.24
5690MHz Straddle 5.47-5.725GHz	Pass	AV	22.75976G	40.73	54.00	-13.27	3	Vertical	188	1.59
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.43856G	55.34	74.00	-18.66	3	Vertical	310	2.24
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.0536G	56.26	68.20	-11.94	3	Vertical	359	2.56
5690MHz Straddle 5.47-5.725GHz	Pass	PK	22.72256G	49.46	74.00	-24.54	3	Vertical	188	1.59
5690MHz Straddle 5.47-5.725GHz	Pass	PK	28.4584G	51.17	68.20	-17.03	3	Vertical	213	2.49
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39416G	43.34	54.00	-10.66	3	Horizontal	110	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	AV	22.74584G	39.16	54.00	-14.84	3	Horizontal	167	1.60
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36344G	55.37	74.00	-18.63	3	Horizontal	110	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07216G	58.85	68.20	-9.35	3	Horizontal	225	1.87
5690MHz Straddle 5.47-5.725GHz	Pass	PK	22.75088G	49.65	74.00	-24.35	3	Horizontal	167	1.60
5690MHz Straddle 5.47-5.725GHz	Pass	PK	28.45864G	51.20	68.20	-17.00	3	Horizontal	38	1.50
5775MHz	Pass	AV	5.7786G	98.89	Inf	-Inf	3	Vertical	311	1.01
5775MHz	Pass	PK	5.6286G	62.59	68.20	-5.61	3	Vertical	311	1.01
5775MHz	Pass	PK	5.769G	111.46	Inf	-Inf	3	Vertical	311	1.01
5775MHz	Pass	PK	5.9562G	61.79	68.20	-6.41	3	Vertical	311	1.01
5775MHz	Pass	AV	5.7726G	101.16	Inf	-Inf	3	Horizontal	345	1.00
5775MHz	Pass	PK	5.6502G	65.04	68.35	-3.31	3	Horizontal	345	1.00
5775MHz	Pass	PK	5.7738G	112.23	Inf	-Inf	3	Horizontal	345	1.00
5775MHz	Pass	PK	5.925G	63.21	68.20	-4.99	3	Horizontal	345	1.00
5775MHz	Pass	AV	11.5128G	42.81	54.00	-11.19	3	Vertical	307	1.41
5775MHz	Pass	PK	11.57064G	54.68	74.00	-19.32	3	Vertical	307	1.41
5775MHz	Pass	PK	17.36148G	57.00	68.20	-11.20	3	Vertical	40	1.50
5775MHz	Pass	PK	23.14656G	48.71	68.20	-19.49	3	Vertical	70	1.50
5775MHz	Pass	PK	28.84788G	50.73	68.20	-17.47	3	Vertical	120	2.29
5775MHz	Pass	AV	11.52216G	42.81	54.00	-11.19	3	Horizontal	250	1.00
5775MHz	Pass	PK	11.4912G	54.62	74.00	-19.38	3	Horizontal	250	1.00
5775MHz	Pass	PK	17.30292G	57.82	68.20	-10.38	3	Horizontal	223	1.76
5775MHz	Pass	PK	23.11752G	48.79	74.00	-25.21	3	Horizontal	74	1.45
5775MHz	Pass	PK	28.86828G	50.14	68.20	-18.06	3	Horizontal	263	1.53

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

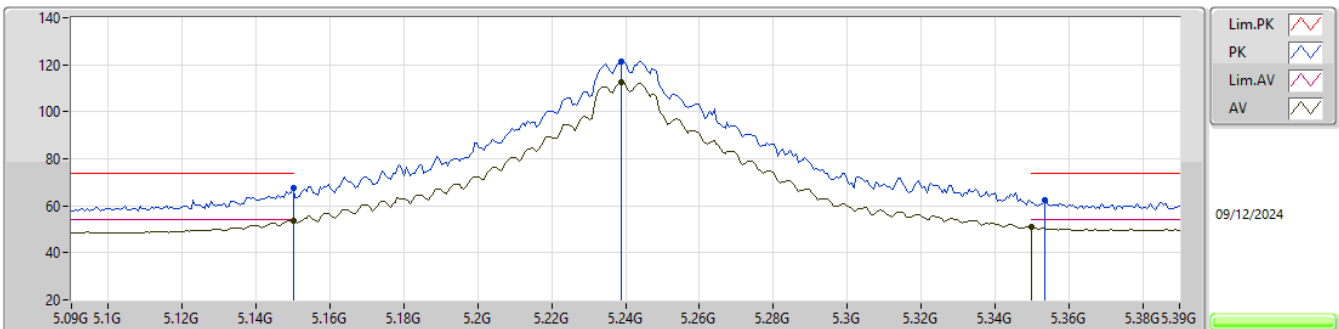
5240MHz_TX



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	5.1482G	52.07	54.00	-1.93	6.27	3	Vertical	314	1.00	45.80	33.30	7.95	34.98
AV	5.2424G	111.54	Inf	-Inf	6.14	3	Vertical	314	1.00	105.40	33.10	8.03	34.99
AV	5.3522G	50.16	54.00	-3.84	6.24	3	Vertical	314	1.00	43.92	33.10	8.15	35.01
PK	5.1476G	65.05	74.00	-8.95	6.27	3	Vertical	314	1.00	58.78	33.30	7.95	34.98
PK	5.243G	120.60	Inf	-Inf	6.14	3	Vertical	314	1.00	114.46	33.10	8.03	34.99
PK	5.3876G	61.63	74.00	-12.37	6.19	3	Vertical	314	1.00	55.44	33.02	8.19	35.02

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

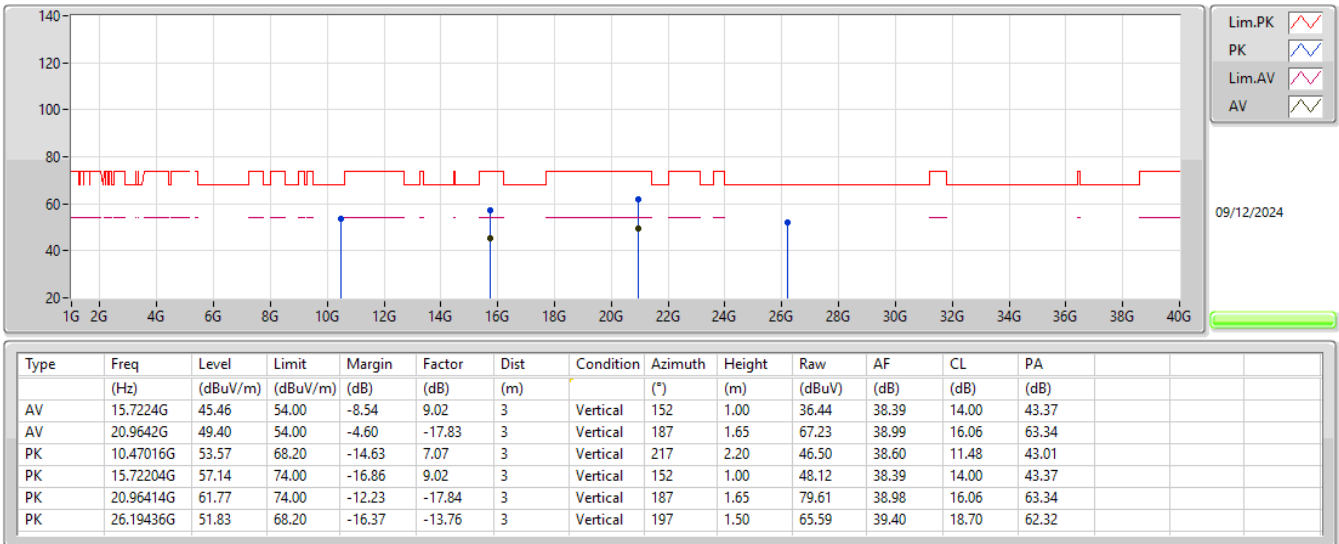
5240MHz_TX



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	53.74	54.00	-0.26	6.27	3	Horizontal	39	1.05	47.47	33.30	7.95	34.98
AV	5.2388G	112.65	Inf	-Inf	6.13	3	Horizontal	39	1.05	106.52	33.10	8.02	34.99
AV	5.35G	51.11	54.00	-2.89	6.24	3	Horizontal	39	1.05	44.87	33.10	8.15	35.01
PK	5.15G	67.39	74.00	-6.61	6.27	3	Horizontal	39	1.05	61.12	33.30	7.95	34.98
PK	5.2388G	121.45	Inf	-Inf	6.13	3	Horizontal	39	1.05	115.32	33.10	8.02	34.99
PK	5.3534G	62.29	74.00	-11.71	6.23	3	Horizontal	39	1.05	56.06	33.09	8.15	35.01

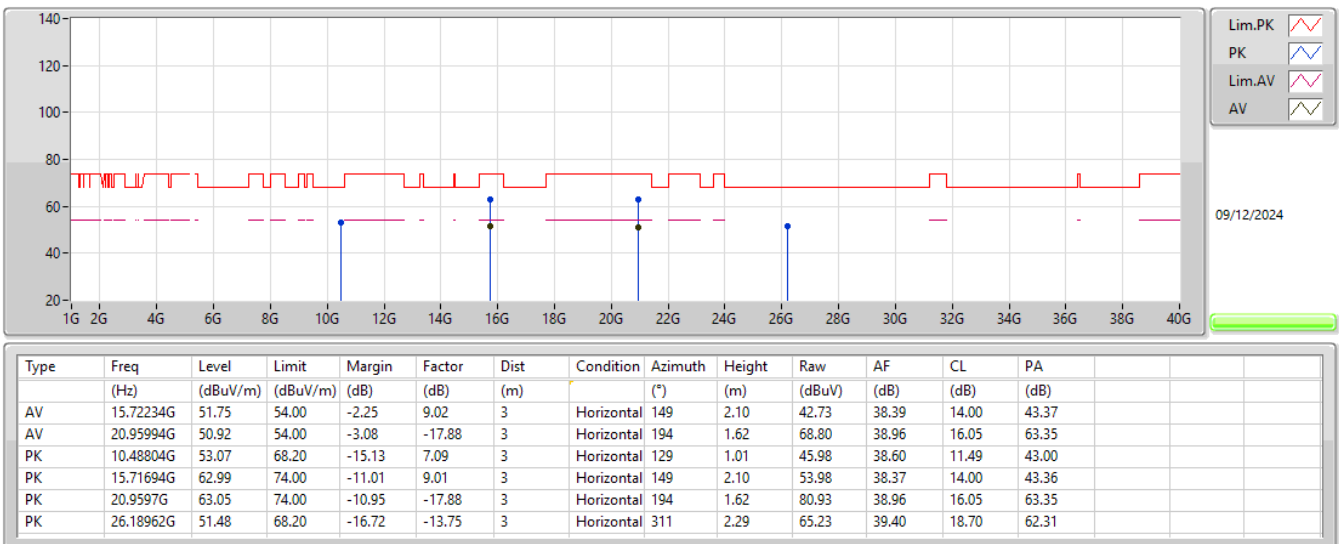
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX



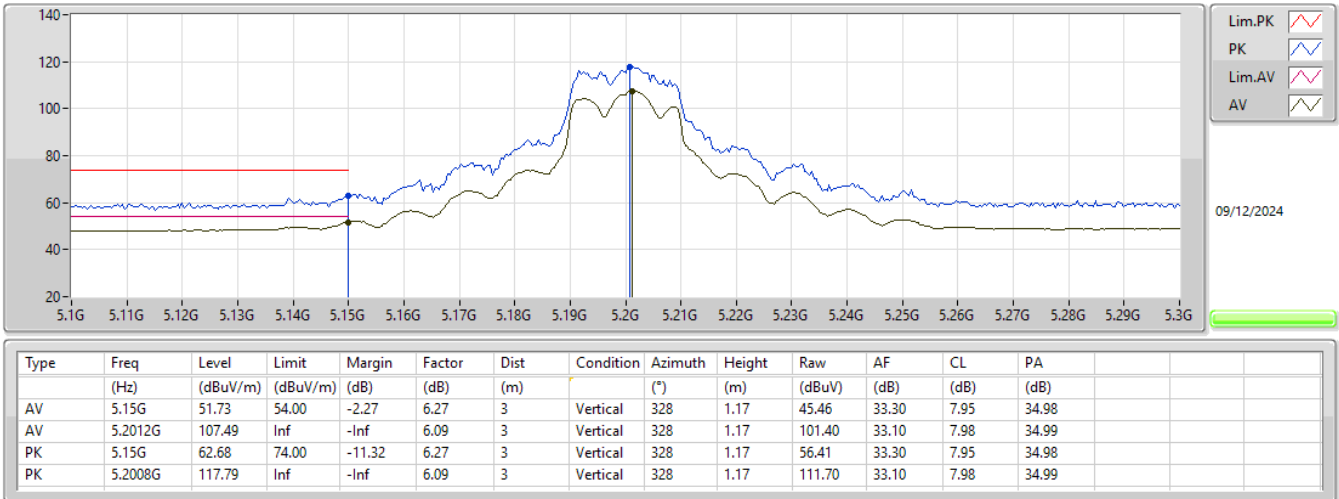
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5240MHz_TX



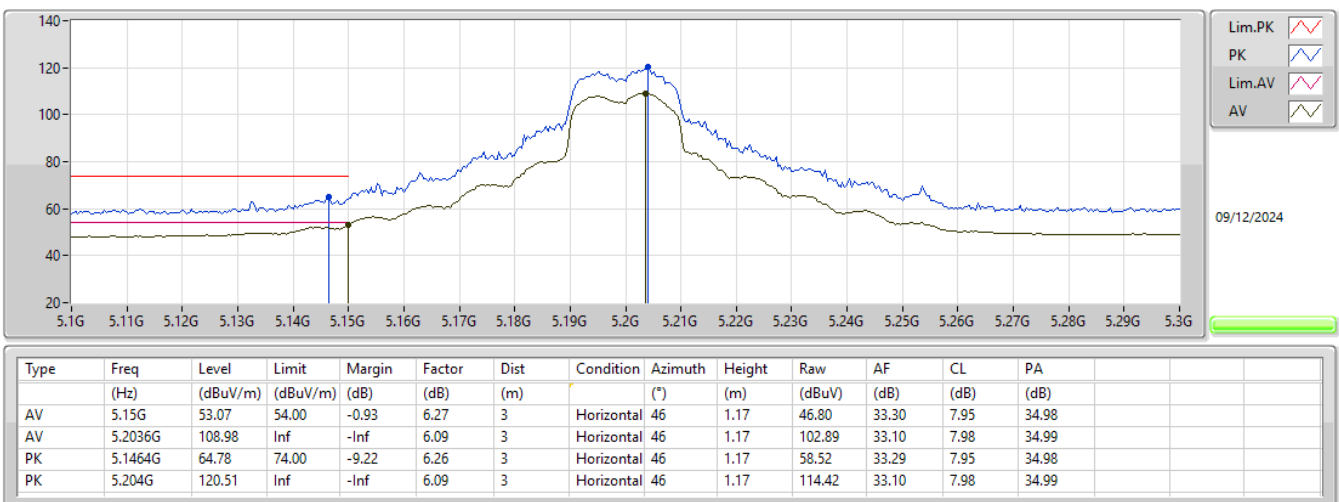
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



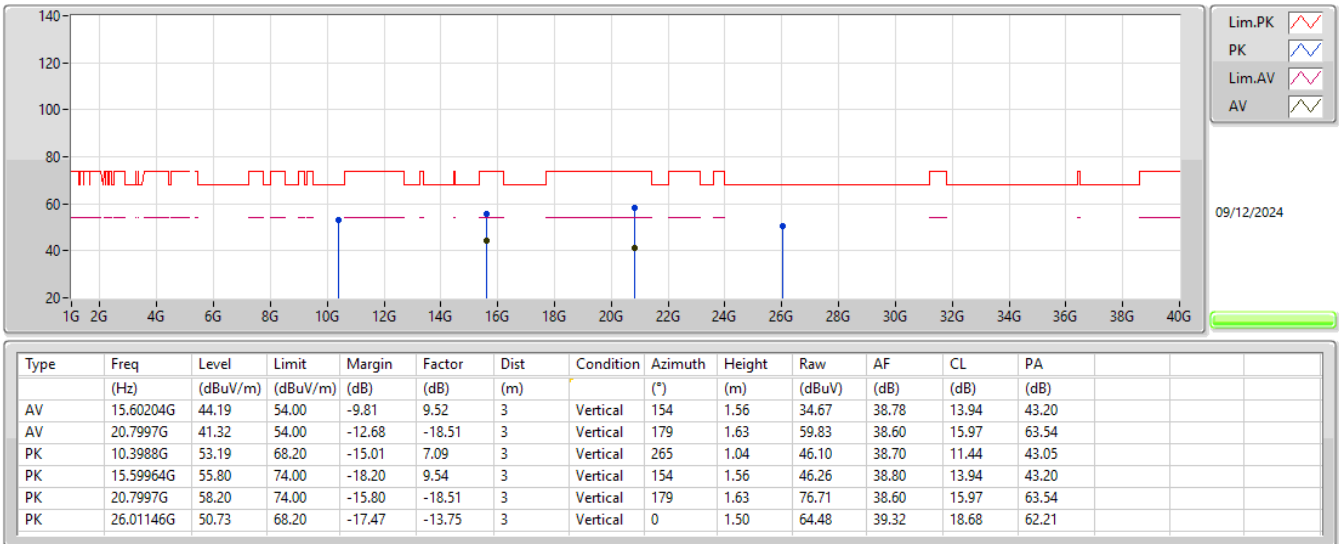
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5200MHz_TX



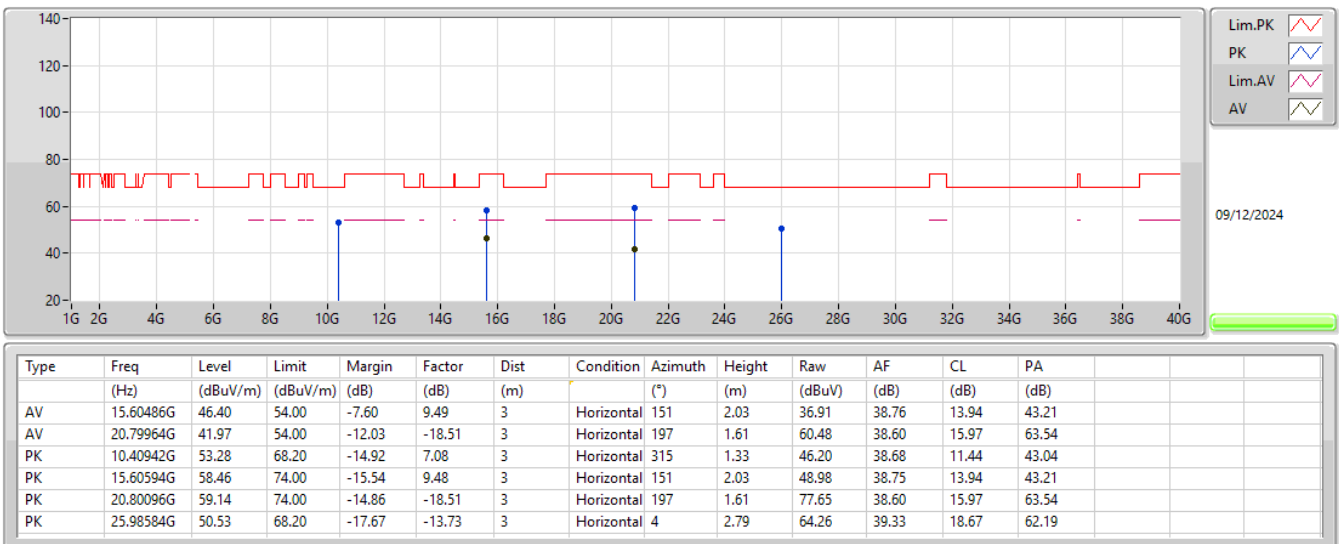
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



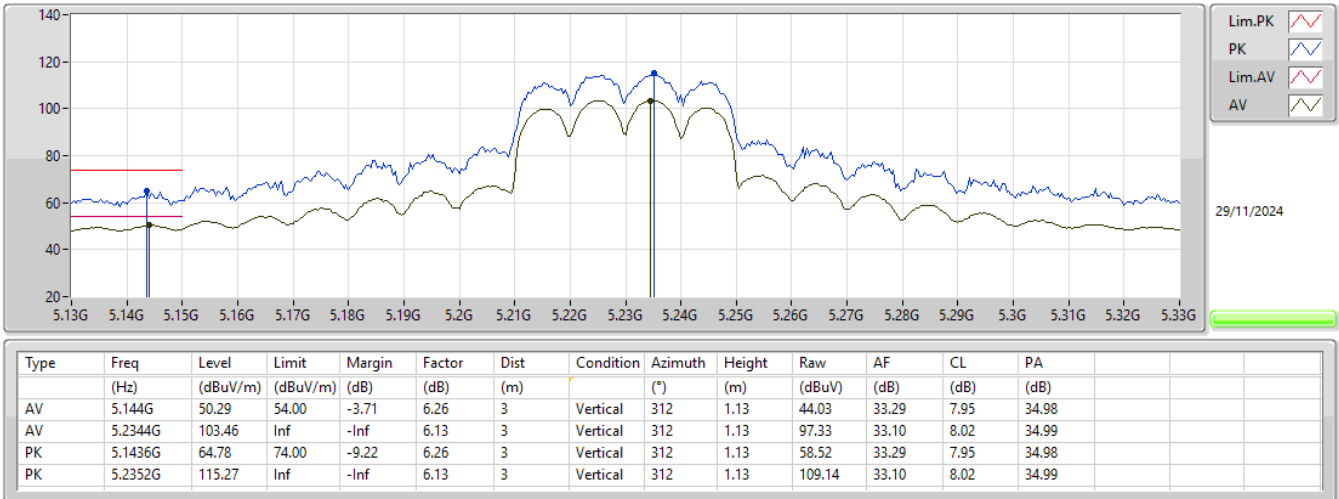
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



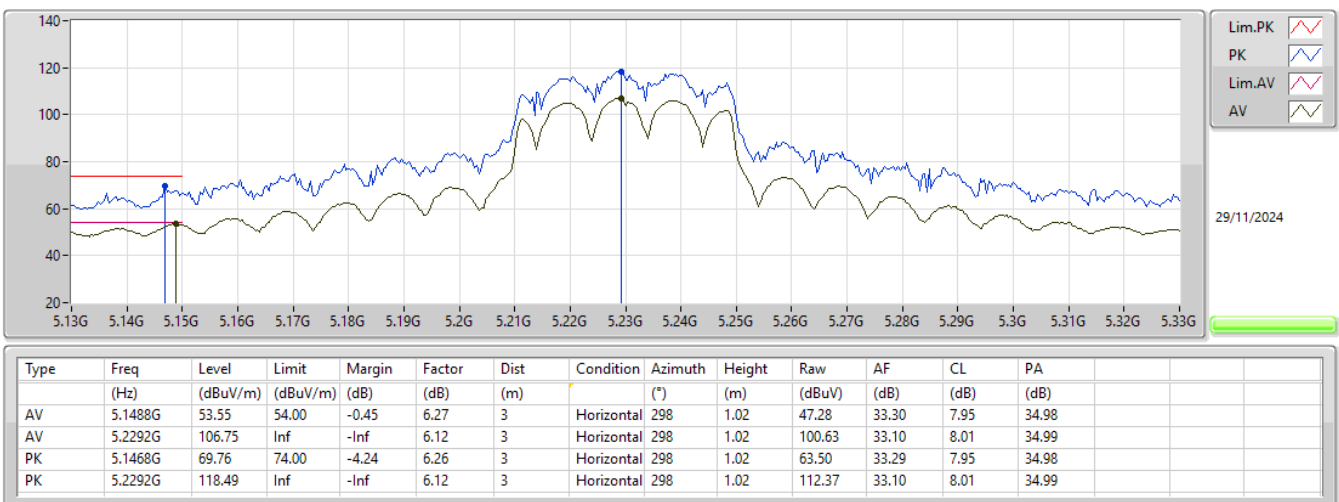
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX



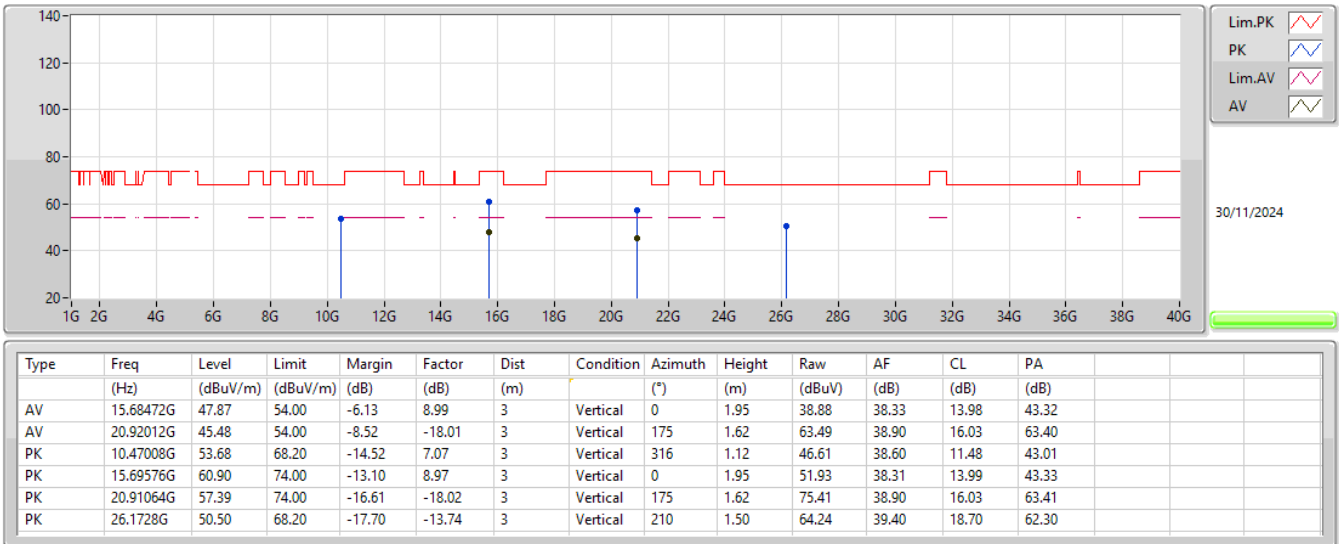
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5230MHz_TX



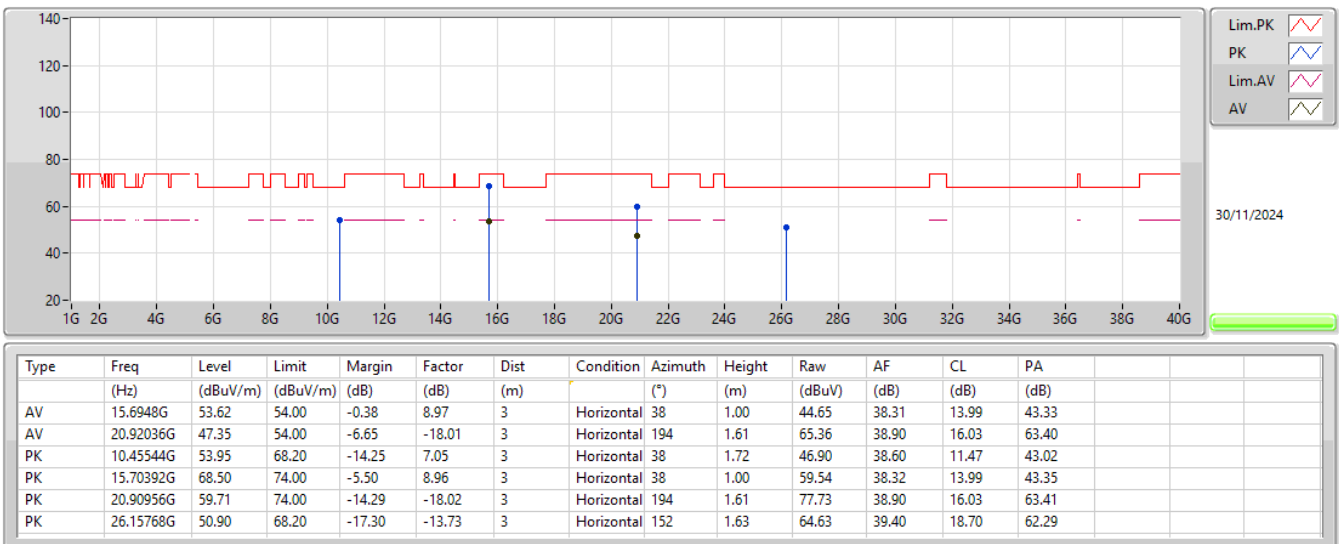
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5230MHz_TX



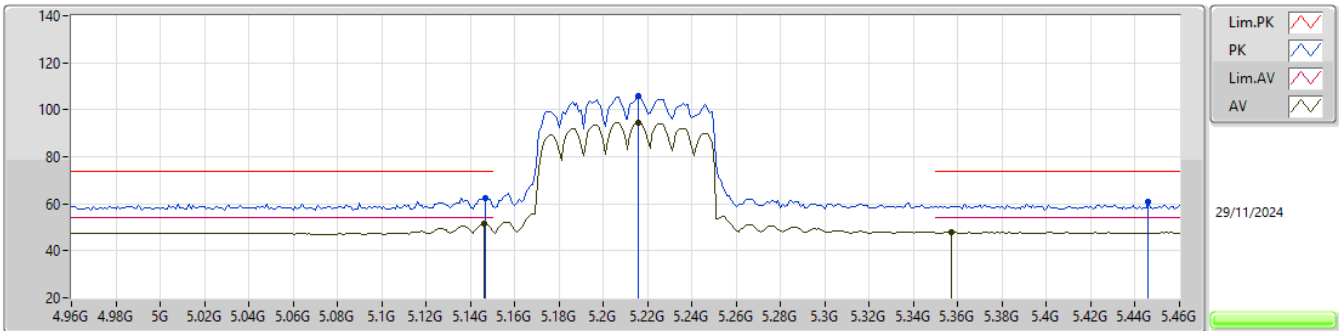
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

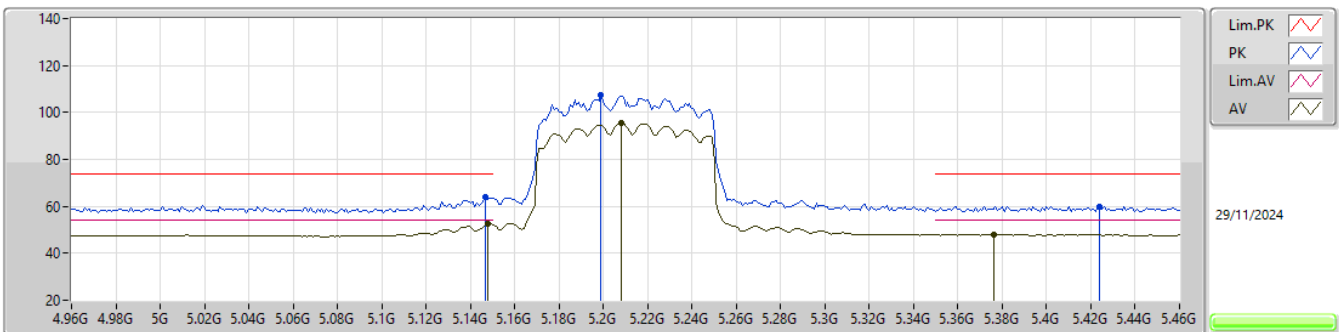
5210MHz_TX



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	5.146G	51.70	54.00	-2.30	6.26	3	Vertical	326	1.00	45.44	33.29	7.95	34.98
AV	5.216G	94.70	Inf	-Inf	6.11	3	Vertical	326	1.00	88.59	33.10	8.00	34.99
AV	5.357G	47.84	54.00	-6.16	6.23	3	Vertical	326	1.00	41.61	33.09	8.15	35.01
PK	5.147G	62.61	74.00	-11.39	6.26	3	Vertical	326	1.00	56.35	33.29	7.95	34.98
PK	5.216G	105.99	Inf	-Inf	6.11	3	Vertical	326	1.00	99.88	33.10	8.00	34.99
PK	5.446G	60.67	74.00	-13.33	6.11	3	Vertical	326	1.00	54.56	32.91	8.23	35.03

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

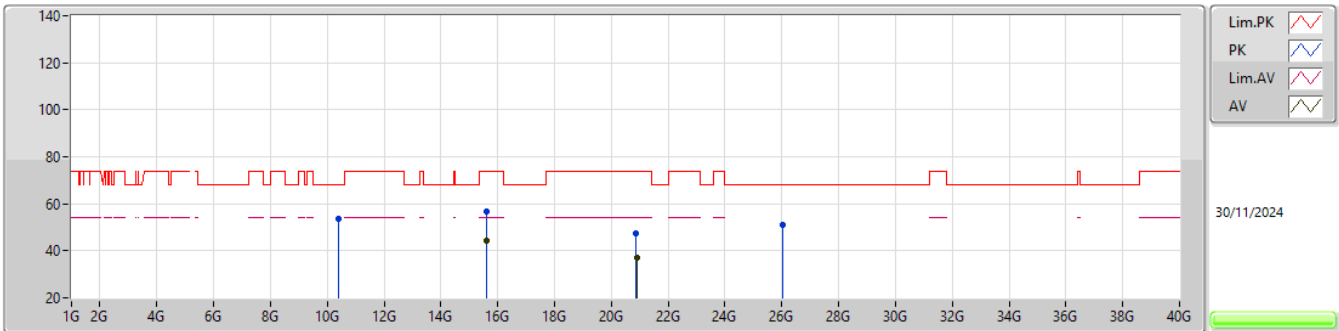
5210MHz_TX



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	5.148G	52.64	54.00	-1.36	6.27	3	Horizontal	42	1.04	46.37	33.30	7.95	34.98
AV	5.208G	95.53	Inf	-Inf	6.10	3	Horizontal	42	1.04	89.43	33.10	7.99	34.99
AV	5.376G	48.07	54.00	-5.93	6.20	3	Horizontal	42	1.04	41.87	33.05	8.17	35.02
PK	5.147G	64.06	74.00	-9.94	6.26	3	Horizontal	42	1.04	57.80	33.29	7.95	34.98
PK	5.199G	107.17	Inf	-Inf	6.09	3	Horizontal	42	1.04	101.08	33.10	7.98	34.99
PK	5.424G	60.07	74.00	-13.93	6.14	3	Horizontal	42	1.04	53.93	32.95	8.22	35.03

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

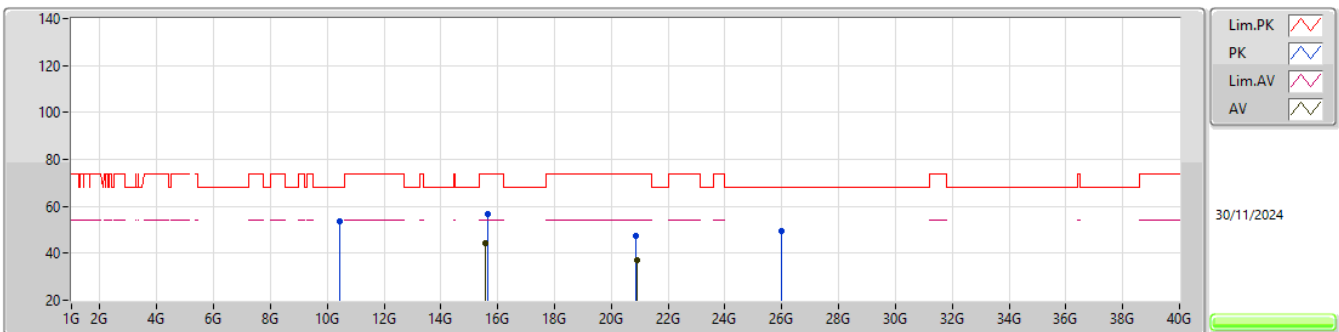
5210MHz_TX



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	15.60744G	44.28	54.00	-9.72	9.48	3	Vertical	345	1.50	34.80	38.74	13.95	43.21
AV	20.89556G	36.89	54.00	-17.11	-18.05	3	Vertical	149	1.50	54.94	38.89	16.02	63.42
PK	10.41856G	53.70	68.20	-14.50	7.07	3	Vertical	120	1.50	46.63	38.66	11.45	43.04
PK	15.60456G	56.71	74.00	-17.29	9.49	3	Vertical	345	1.50	47.22	38.76	13.94	43.21
PK	20.87072G	47.33	74.00	-26.67	-18.28	3	Vertical	149	1.50	65.61	38.72	16.00	63.46
PK	26.01112G	50.85	68.20	-17.35	-13.75	3	Vertical	217	2.21	64.60	39.32	18.68	62.21

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

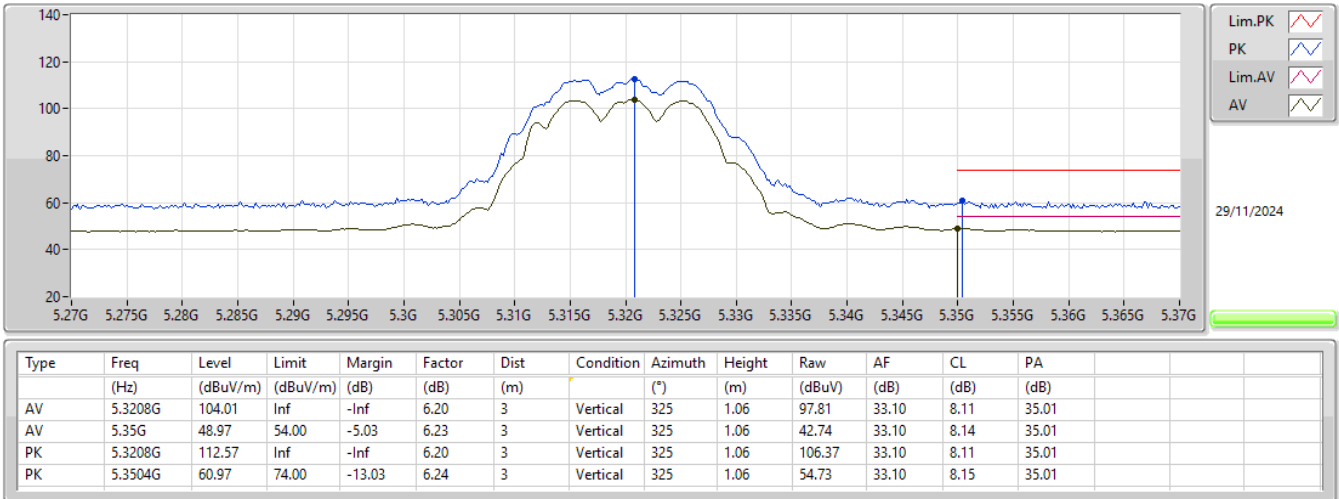
5210MHz_TX



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	15.57144G	44.24	54.00	-9.76	9.51	3	Horizontal	192	1.40	34.73	38.74	13.93	43.16
AV	20.89568G	36.90	54.00	-17.10	-18.08	3	Horizontal	185	1.50	54.98	38.87	16.02	63.43
PK	10.43704G	53.87	68.20	-14.33	7.06	3	Horizontal	125	1.61	46.81	38.63	11.46	43.03
PK	15.64416G	56.76	74.00	-17.24	9.15	3	Horizontal	192	1.40	47.61	38.45	13.96	43.26
PK	20.86808G	47.51	74.00	-26.49	-18.29	3	Horizontal	185	1.50	65.80	38.71	16.00	63.46
PK	26.00104G	49.65	68.20	-18.55	-13.76	3	Horizontal	80	1.50	63.41	39.30	18.68	62.20

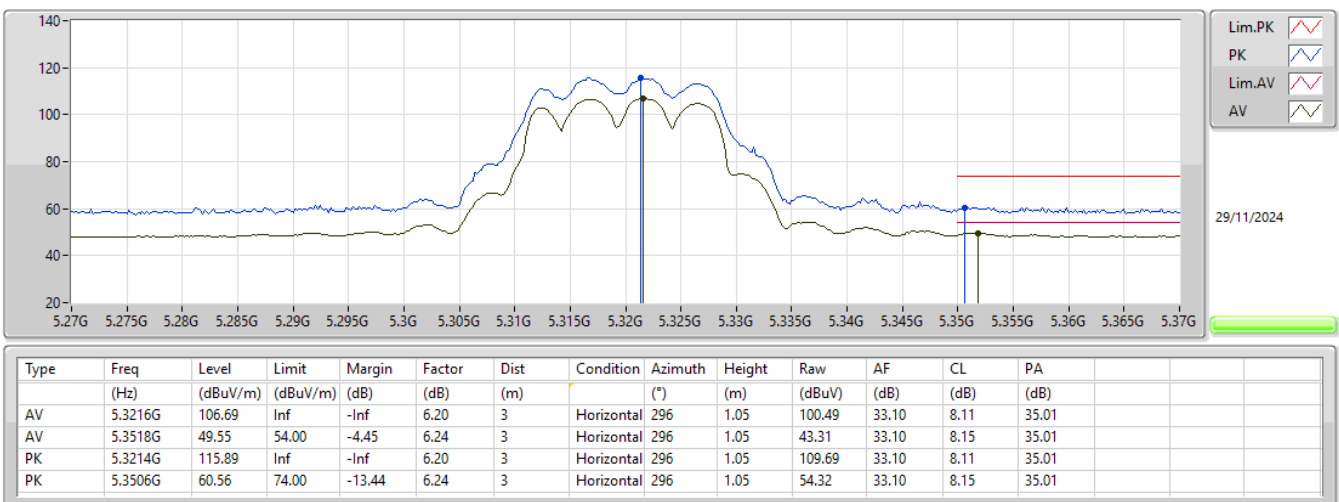
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



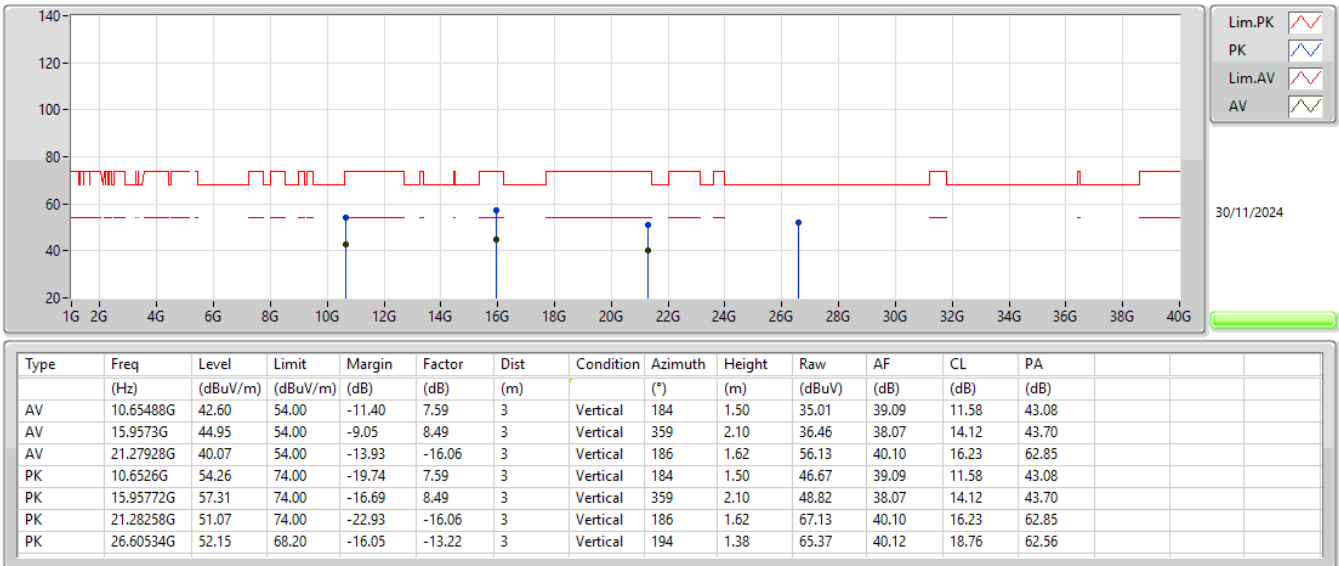
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



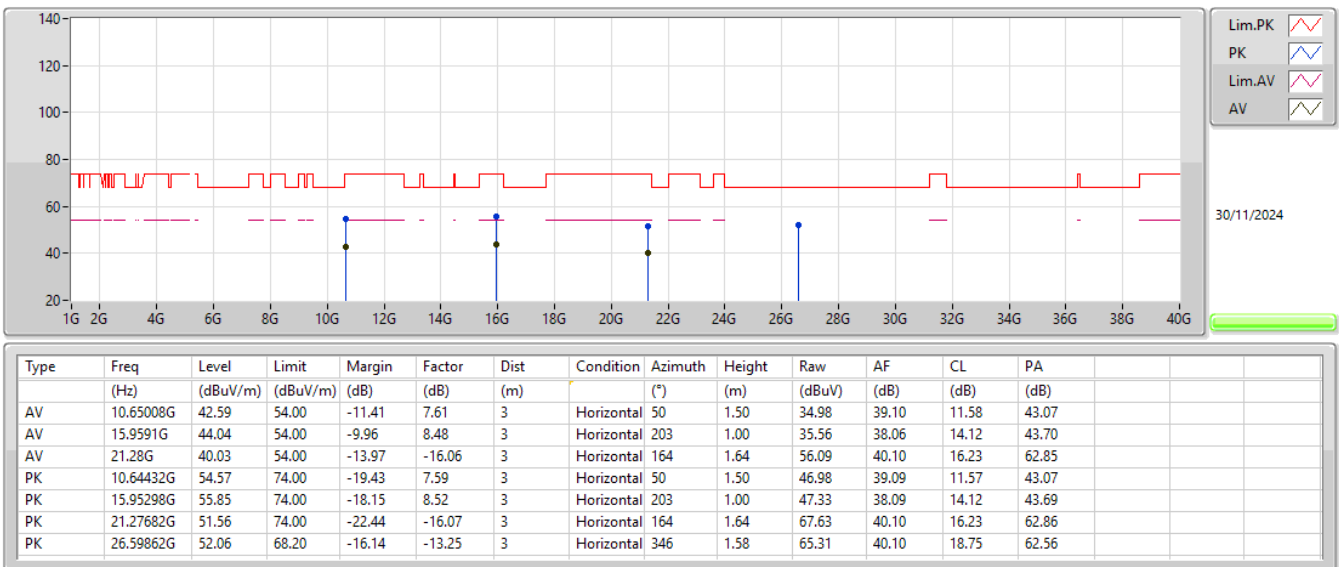
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



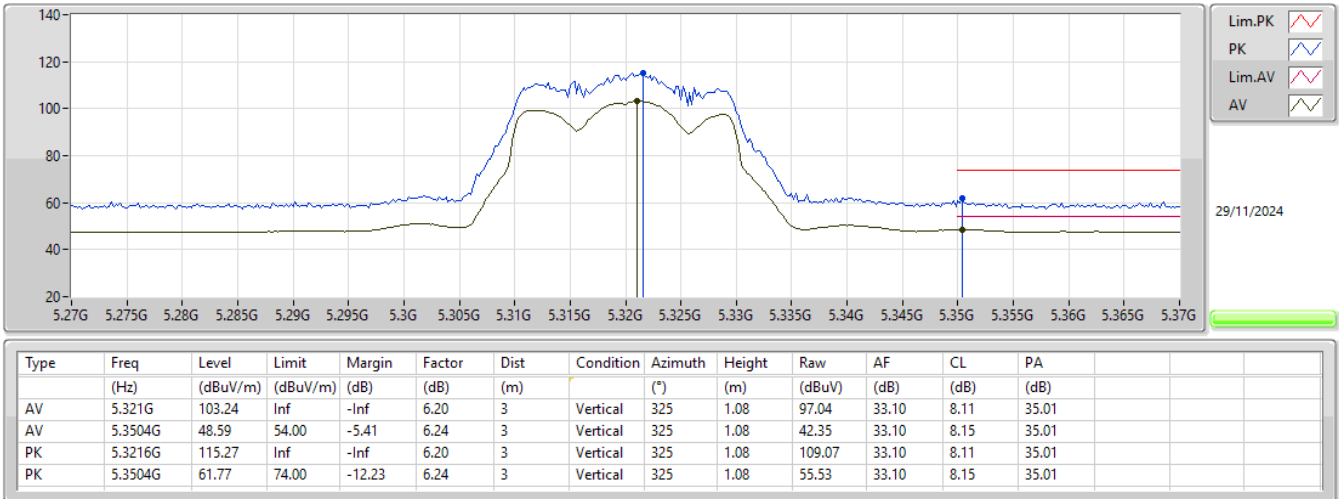
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



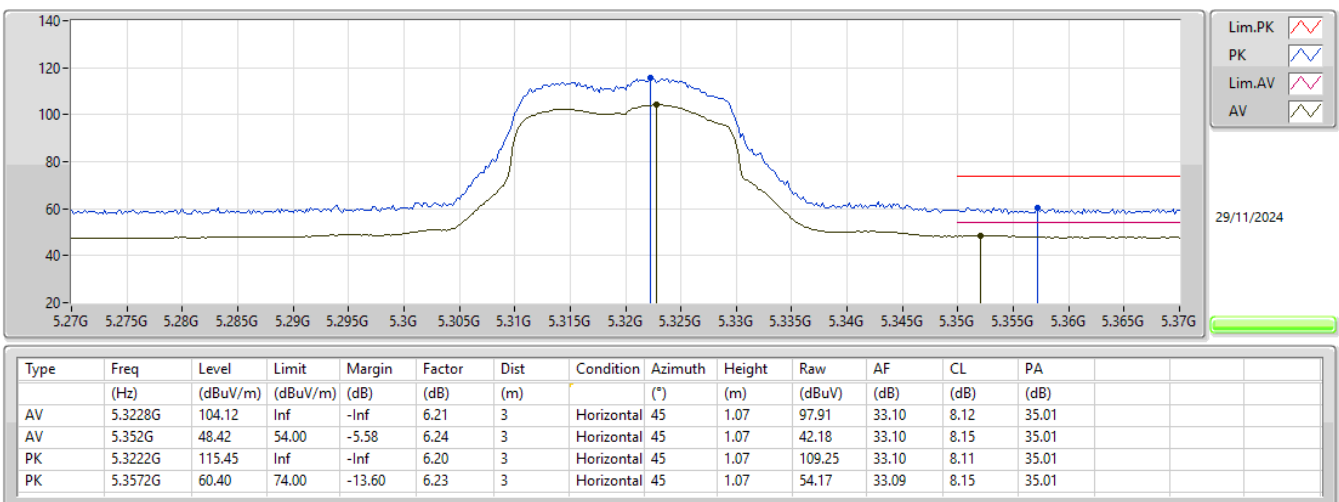
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5320MHz_TX



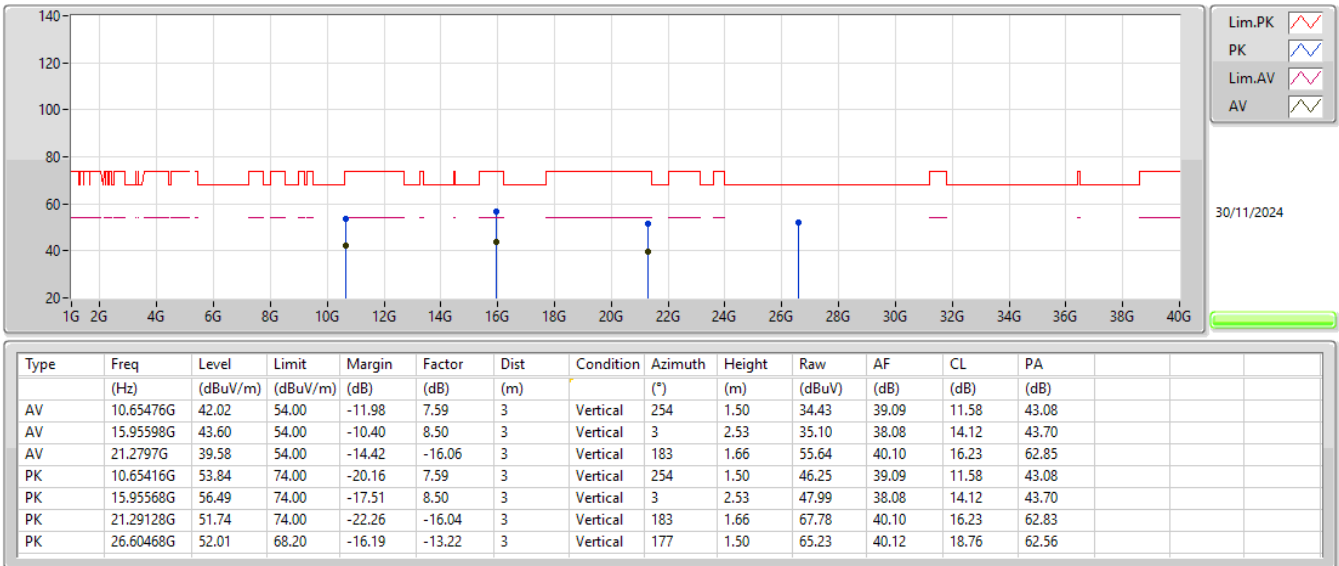
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5320MHz_TX



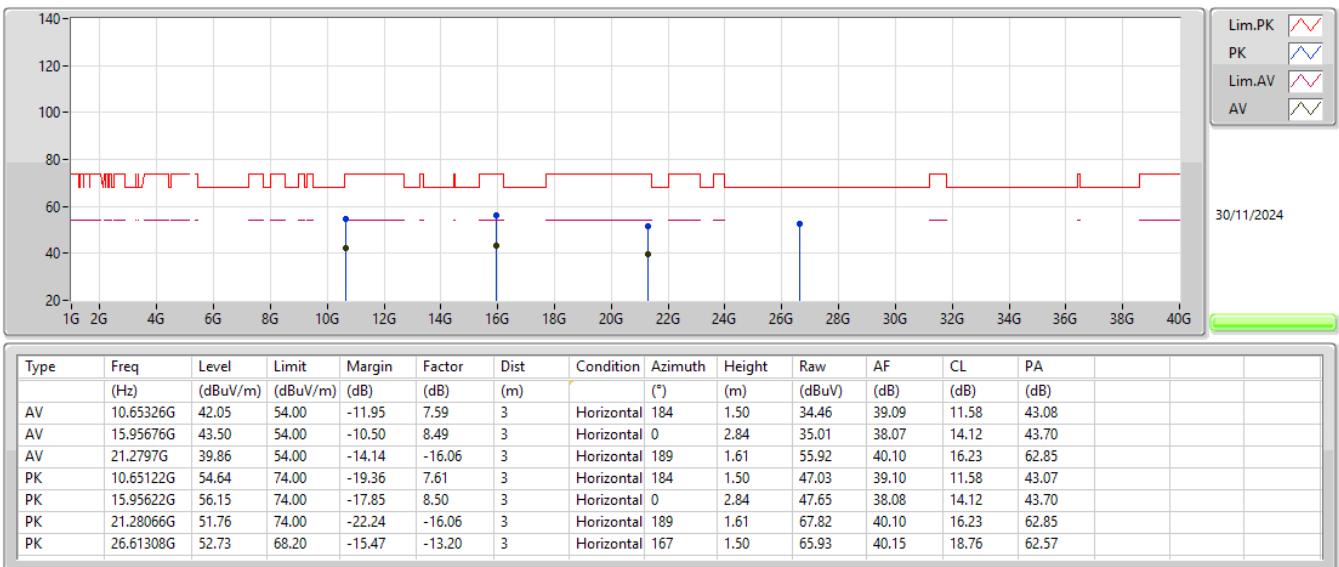
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5320MHz_TX



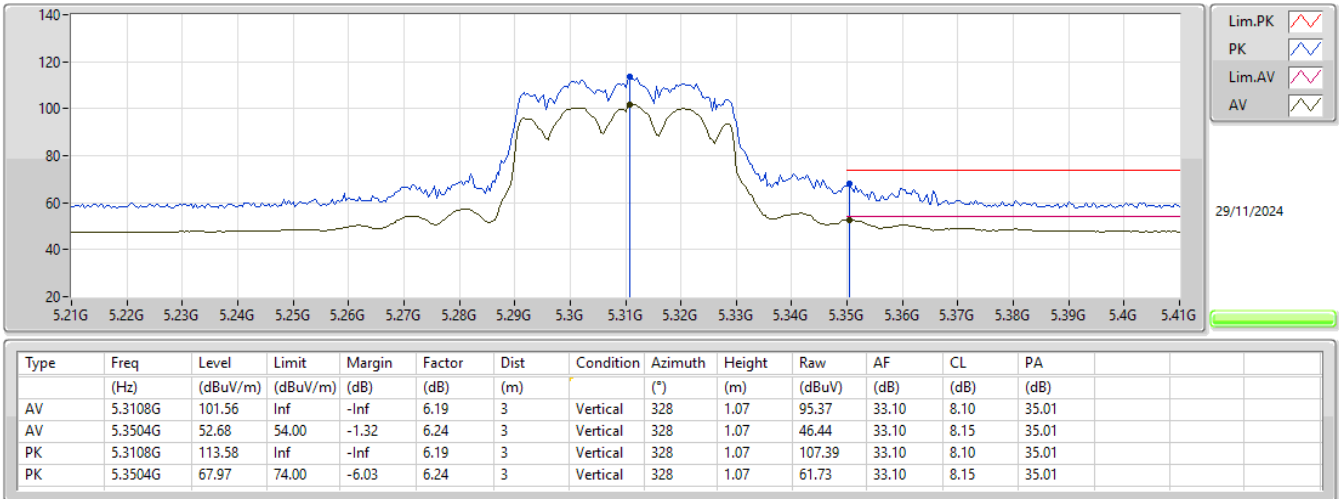
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TX



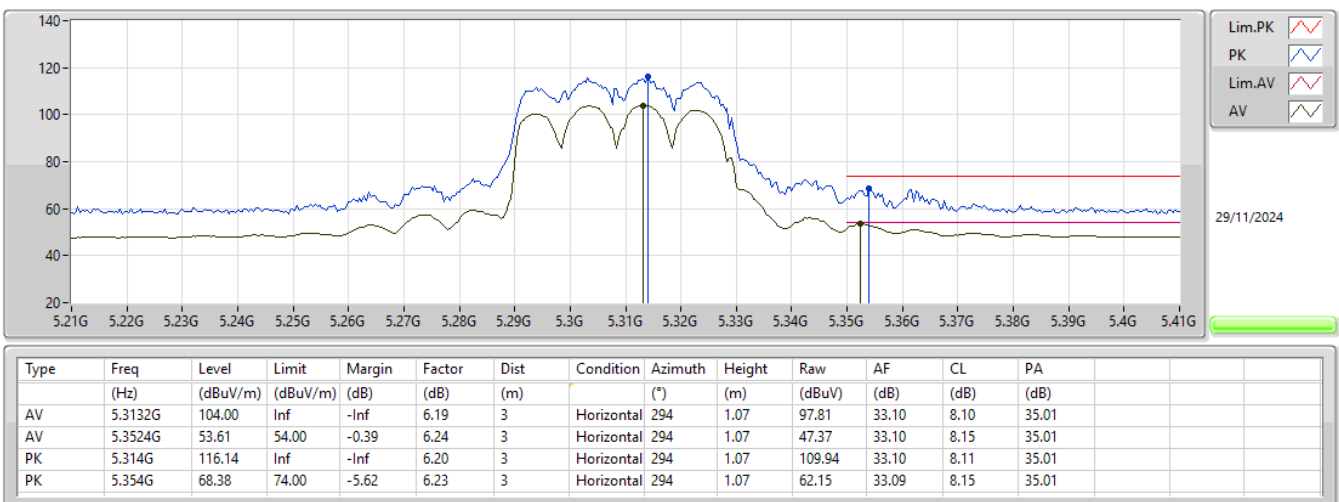
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5310MHz_TX



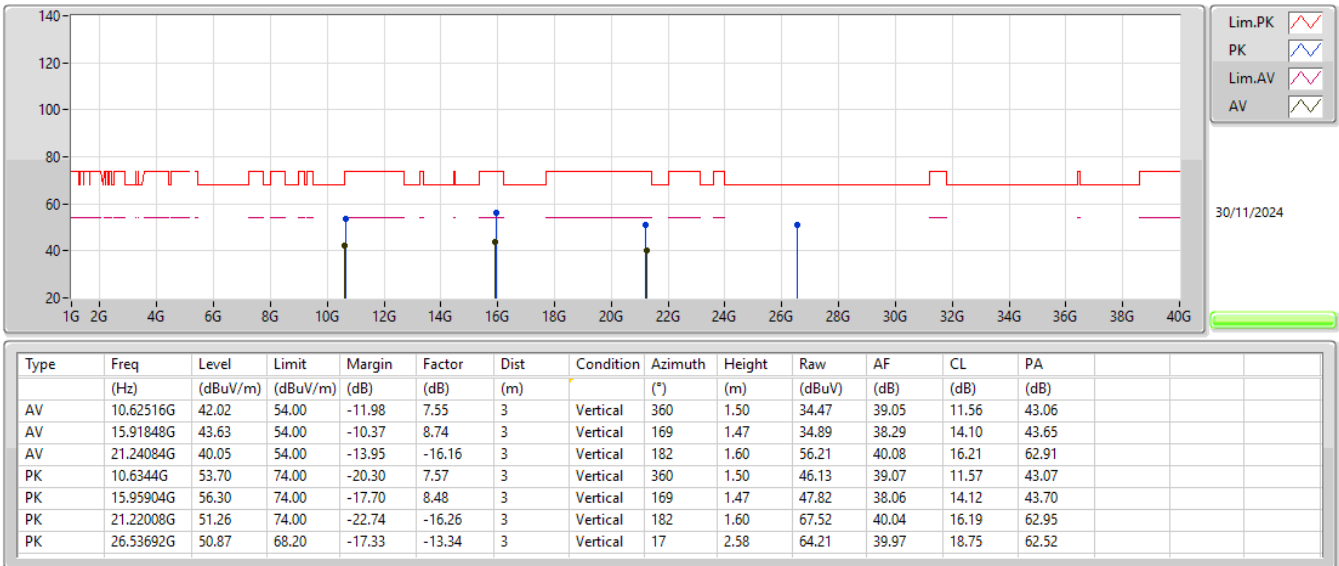
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5310MHz_TX



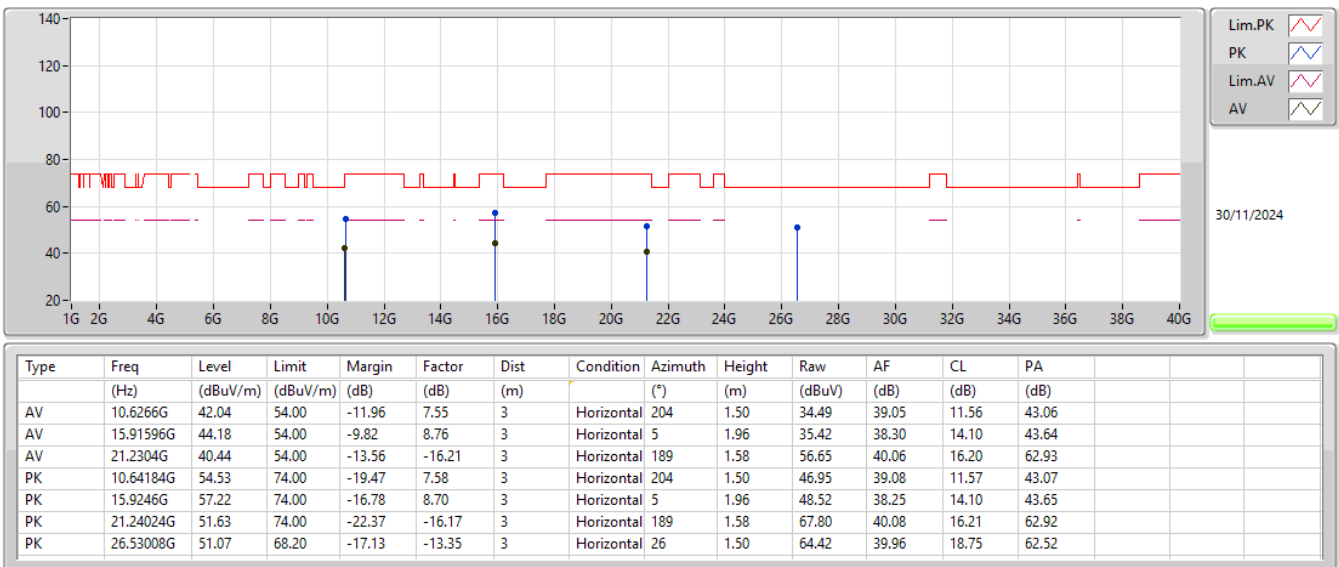
5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TX



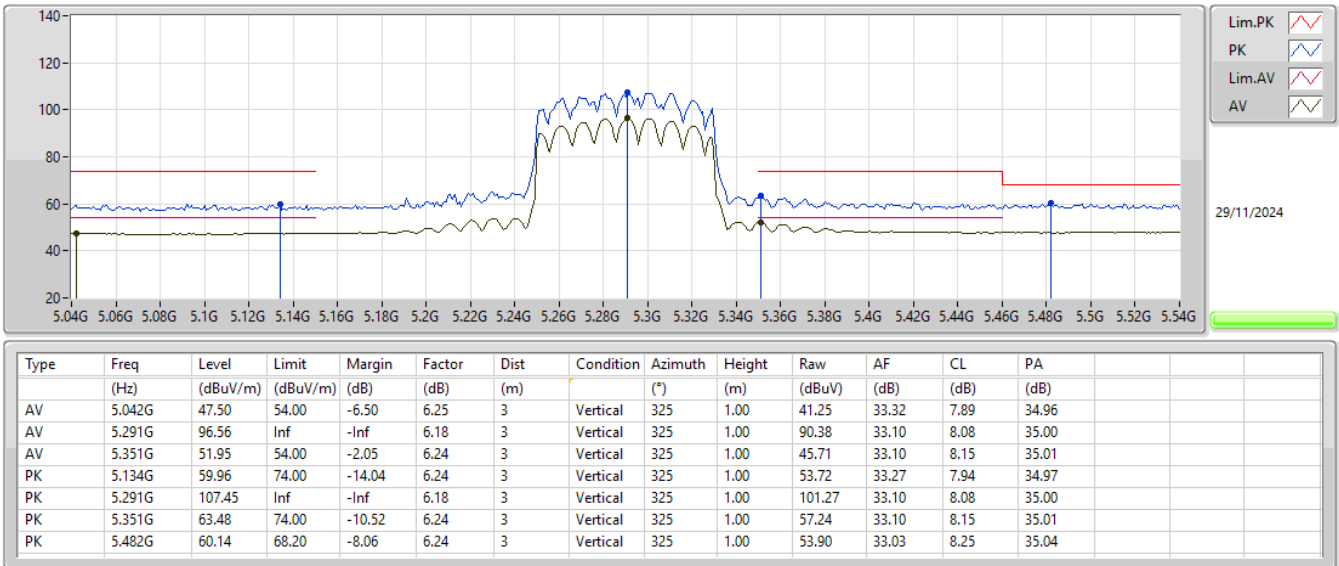
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5310MHz_TX



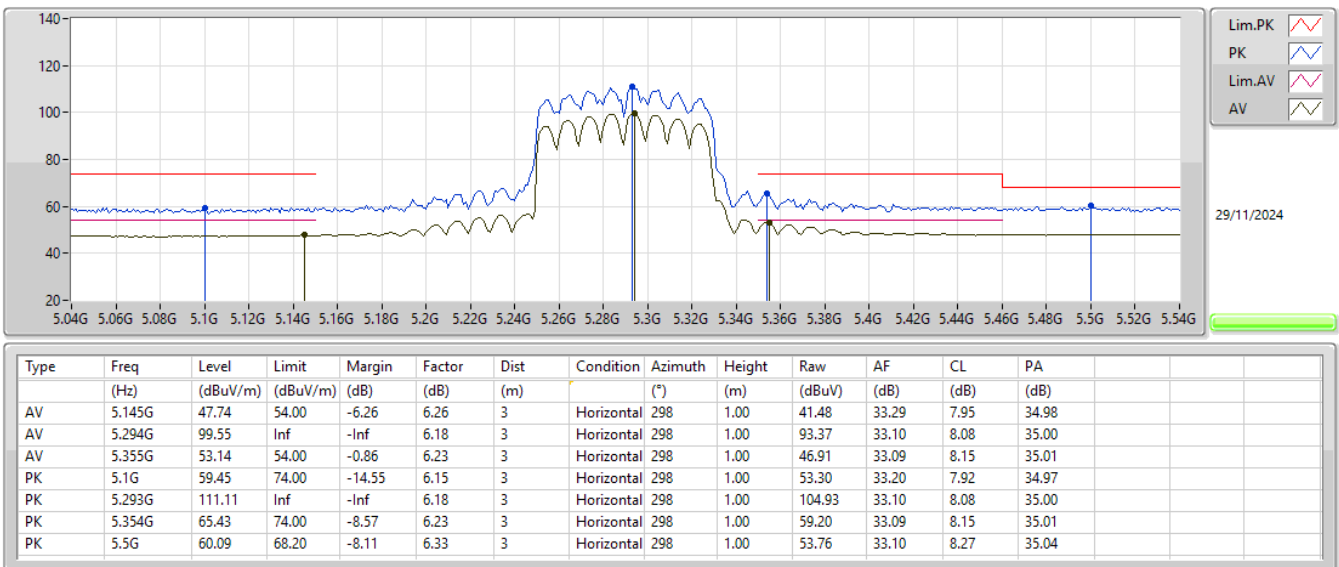
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TX



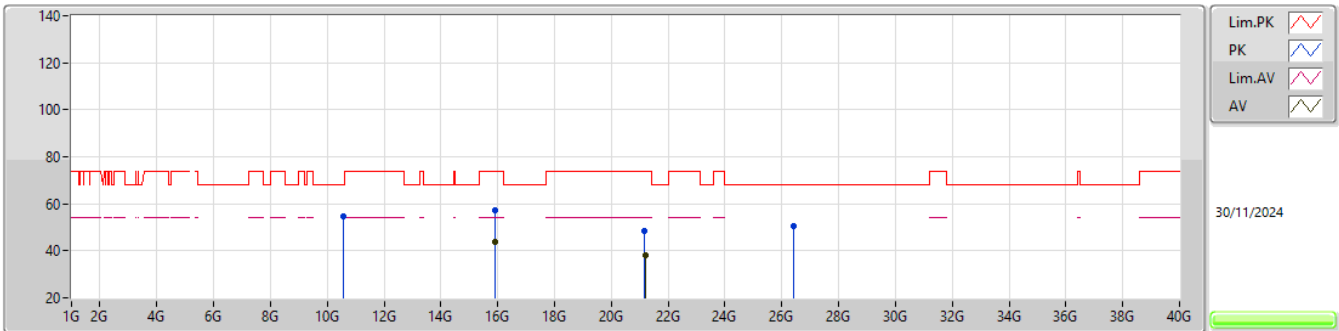
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TX



5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

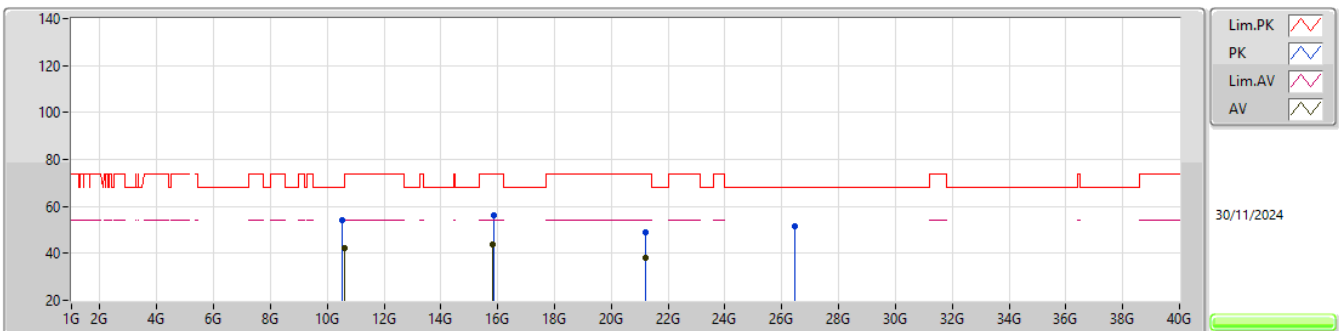
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89472G	43.66	54.00	-10.34	8.87	3	Vertical	1	1.50	34.79	38.39	14.09	43.61
AV	21.21688G	37.91	54.00	-16.09	-16.27	3	Vertical	339	1.50	54.18	40.03	16.19	62.95
PK	10.5536G	54.42	68.20	-13.78	7.22	3	Vertical	321	1.75	47.20	38.72	11.52	43.02
PK	15.90192G	57.47	74.00	-16.53	8.86	3	Vertical	1	1.50	48.61	38.39	14.09	43.62
PK	21.18304G	48.40	74.00	-25.60	-16.52	3	Vertical	339	1.50	64.92	39.86	16.17	63.01
PK	26.40176G	50.58	68.20	-17.62	-13.75	3	Vertical	228	1.50	64.33	39.50	18.73	62.44

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

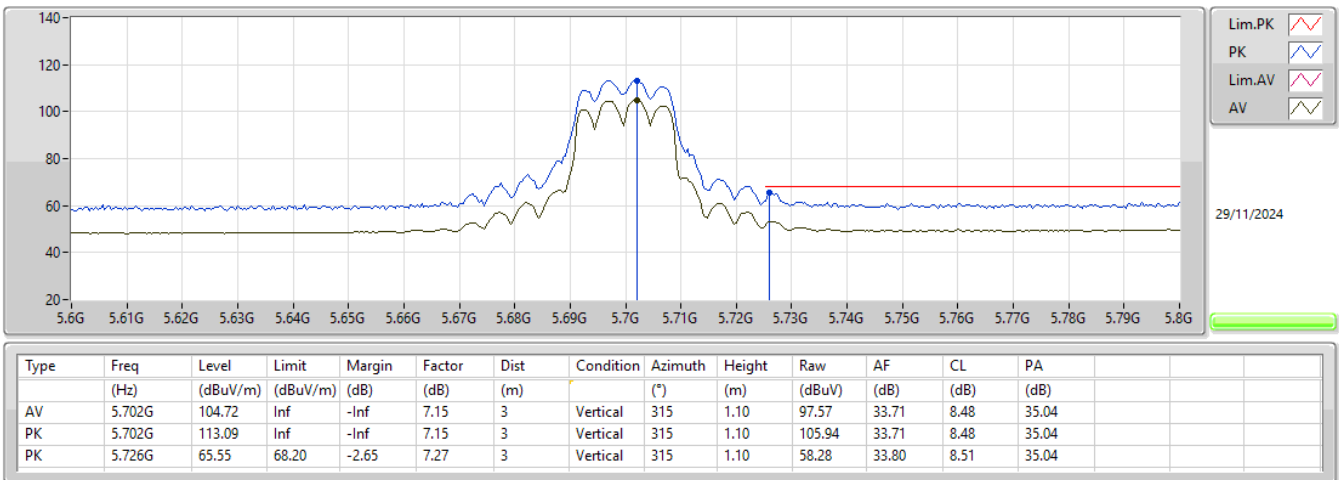
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.62512G	42.04	54.00	-11.96	7.55	3	Horizontal	318	1.50	34.49	39.05	11.56	43.06
AV	15.81456G	43.63	54.00	-10.37	8.92	3	Horizontal	283	1.50	34.71	38.37	14.05	43.50
AV	21.21208G	37.93	54.00	-16.07	-16.29	3	Horizontal	90	2.91	54.22	40.02	16.19	62.96
PK	10.53416G	53.98	68.20	-14.22	7.17	3	Horizontal	318	1.50	46.81	38.67	11.51	43.01
PK	15.85512G	56.40	74.00	-17.60	8.82	3	Horizontal	283	1.50	47.58	38.31	14.07	43.56
PK	21.18472G	48.96	74.00	-25.04	-16.48	3	Horizontal	90	2.91	65.44	39.88	16.18	63.00
PK	26.47856G	51.36	68.20	-16.84	-13.52	3	Horizontal	127	1.73	64.88	39.77	18.74	62.49

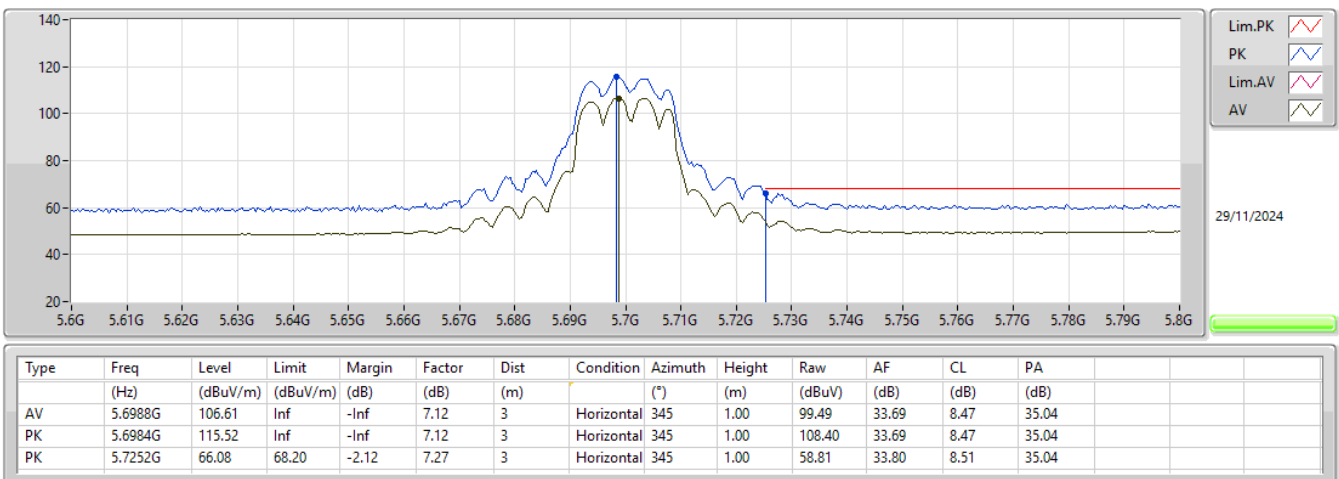
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



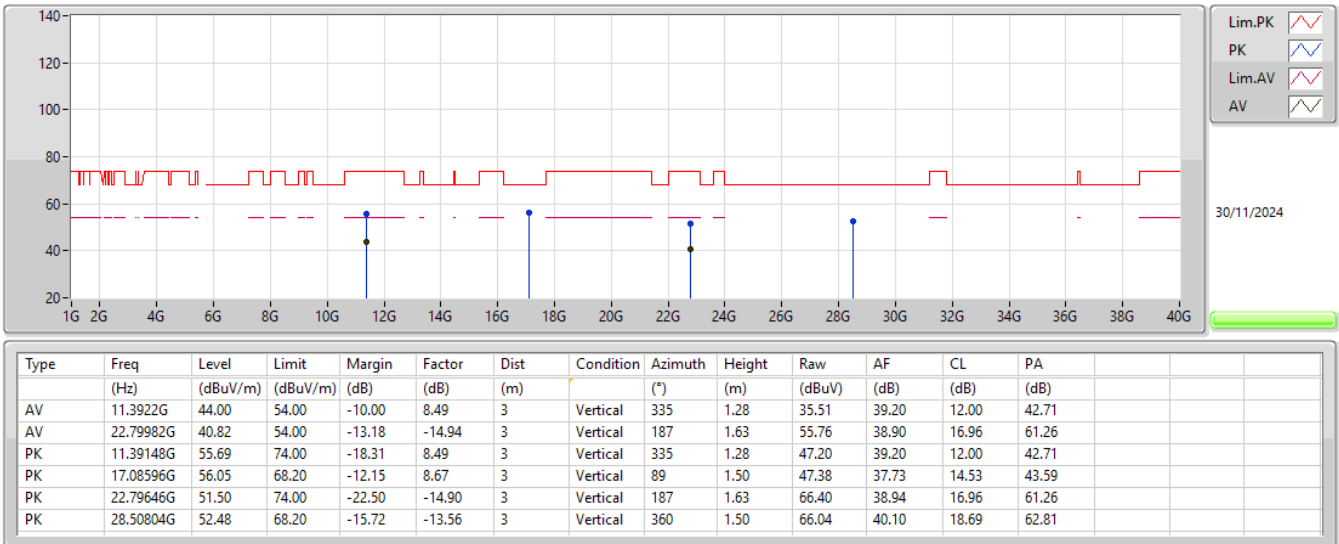
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



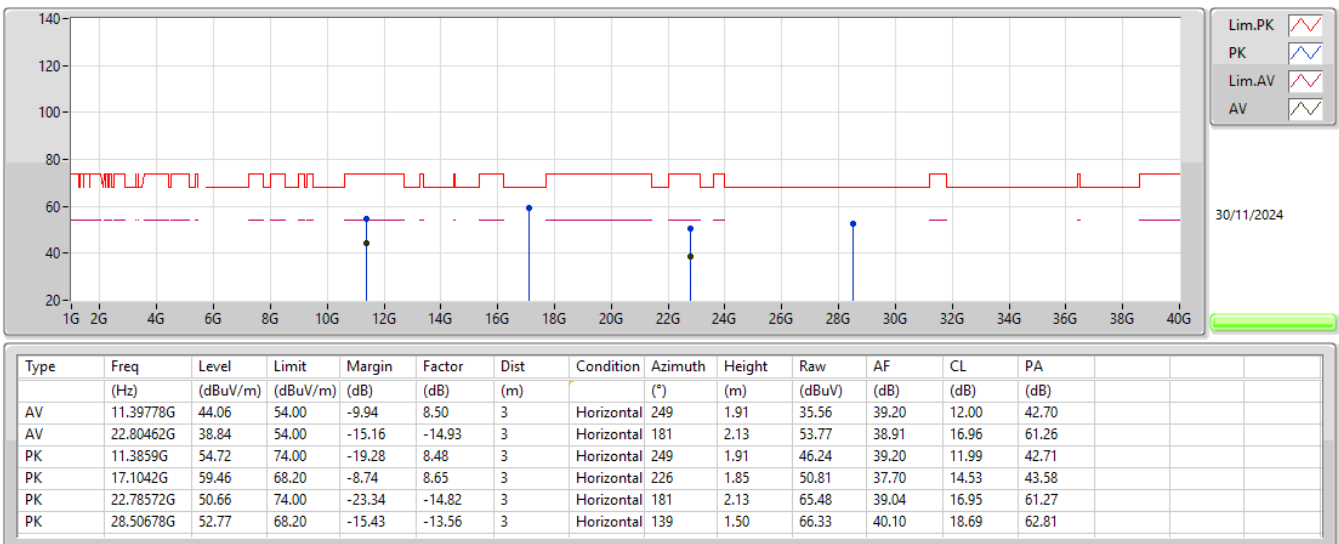
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



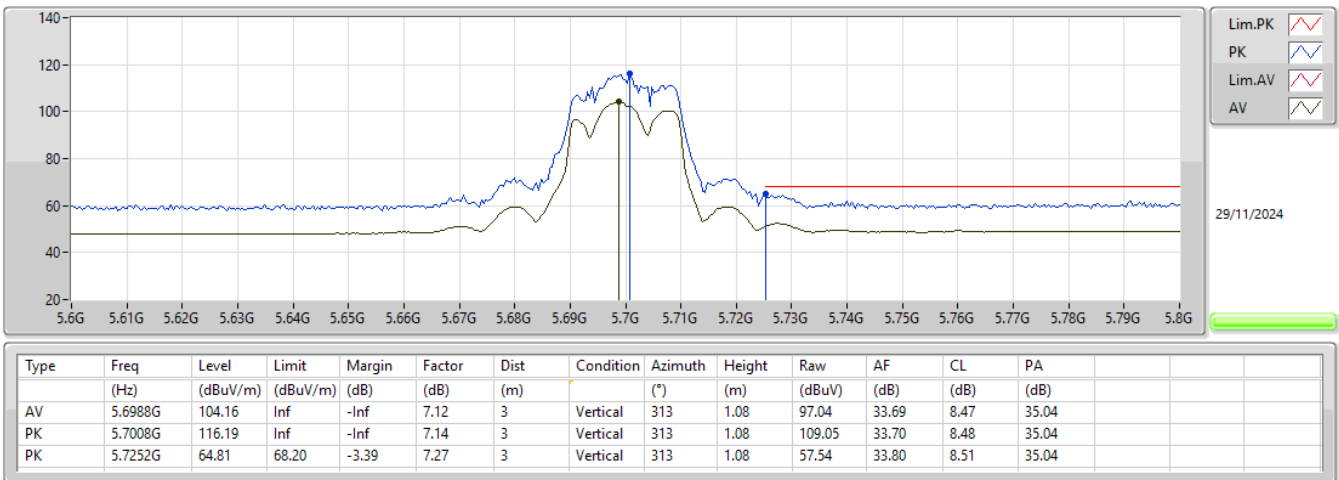
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



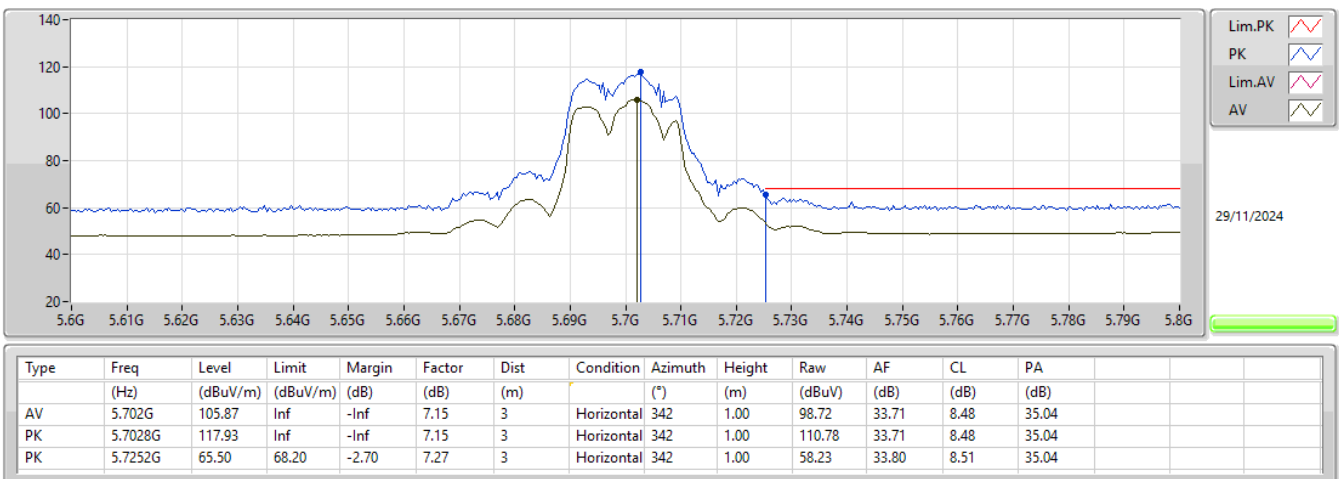
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX



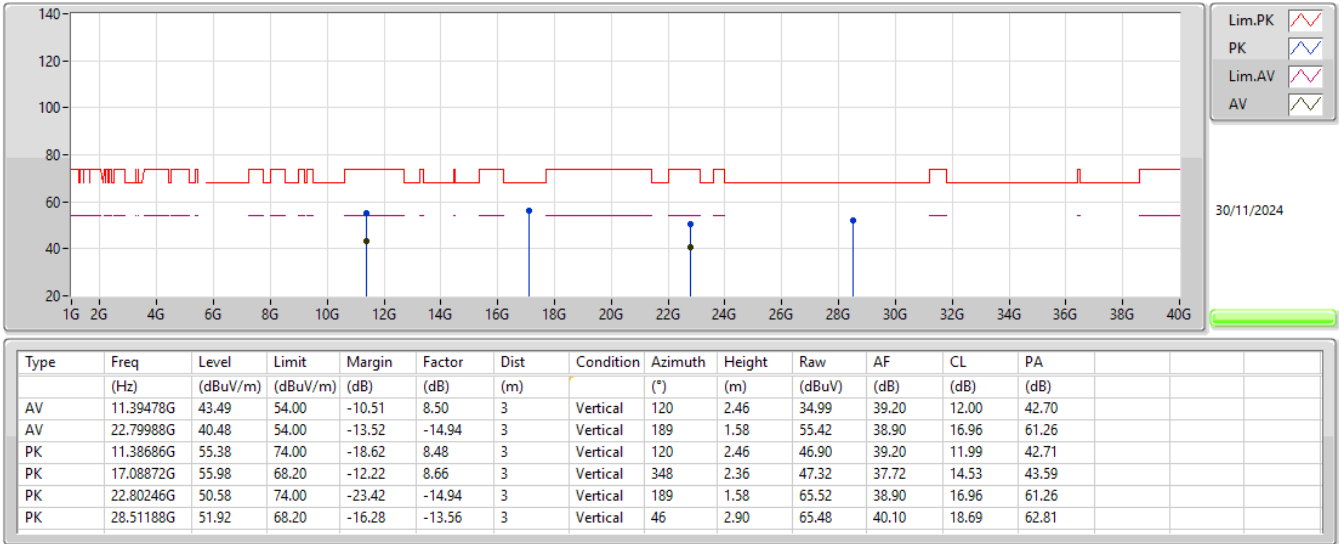
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX



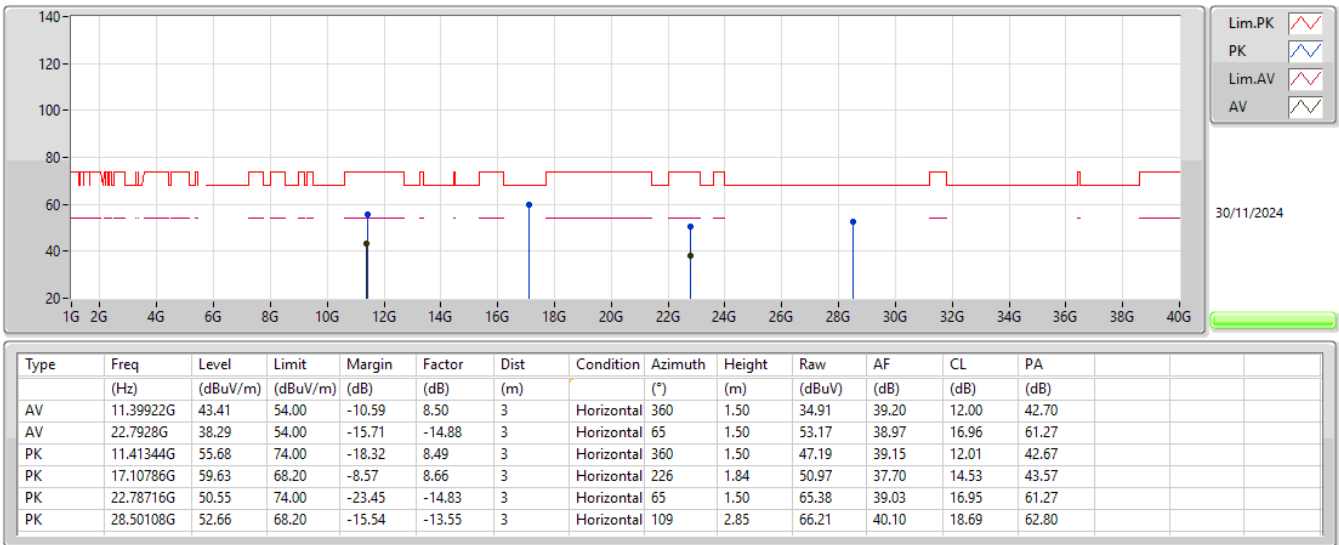
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX



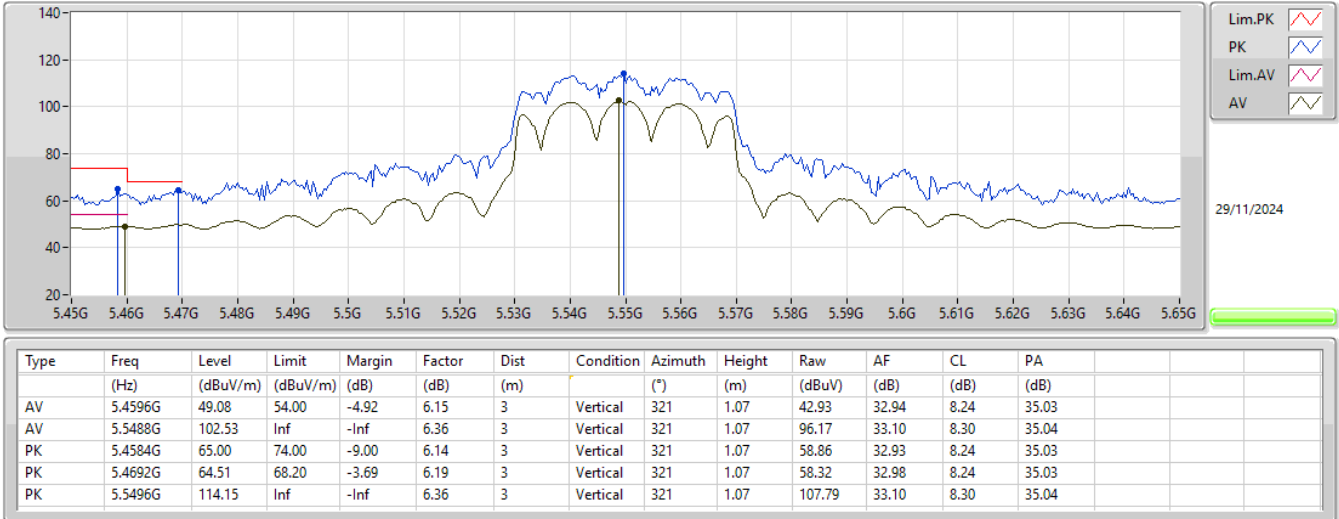
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX



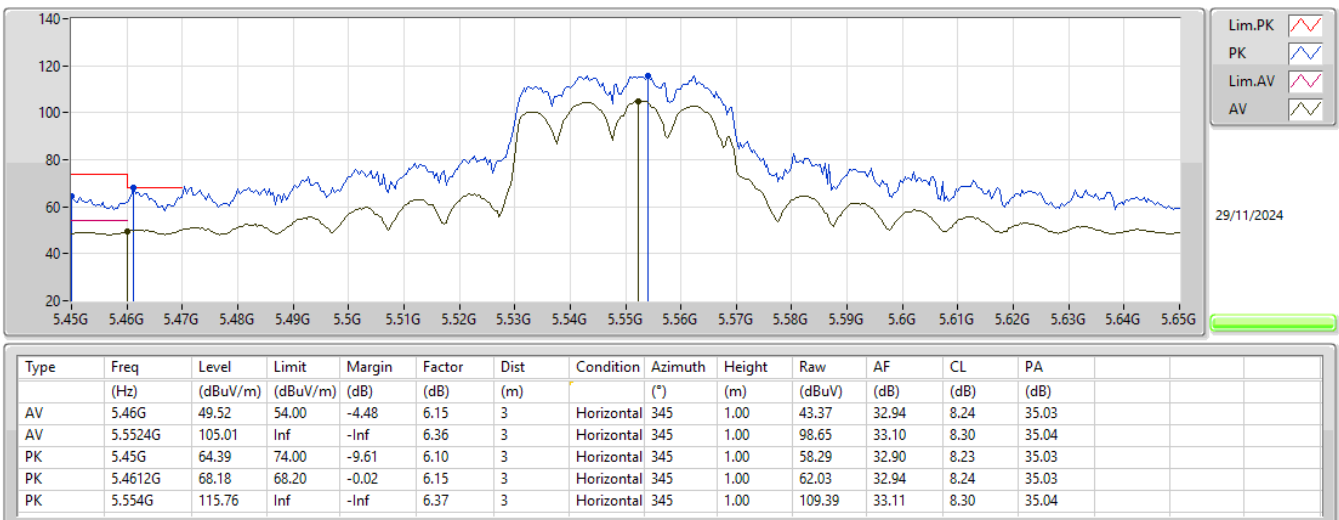
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX



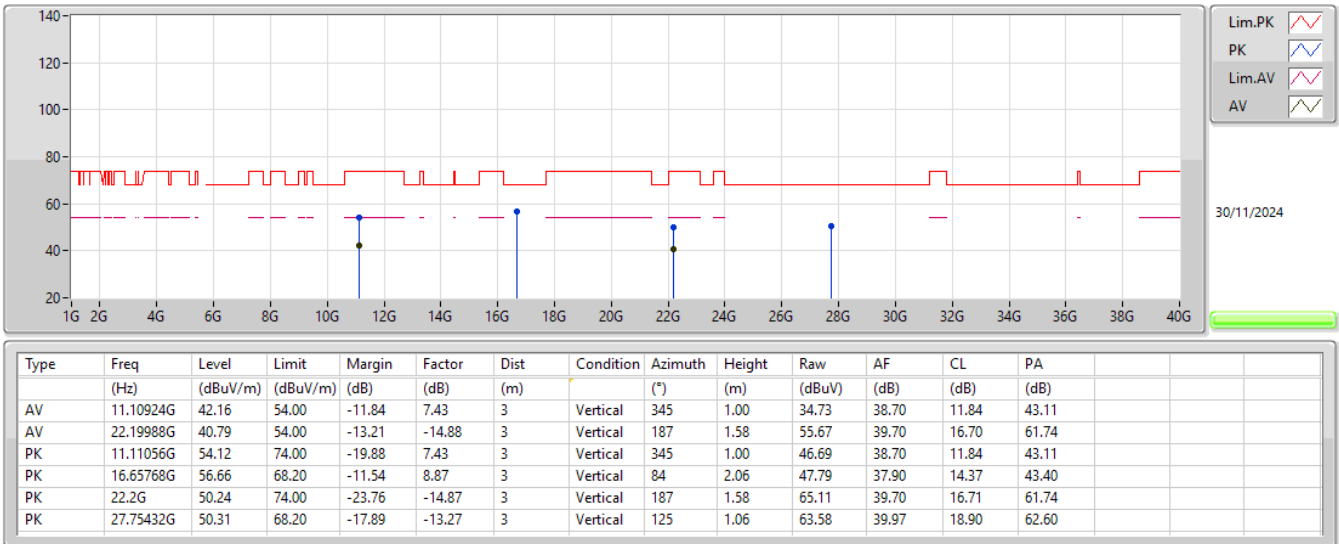
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX



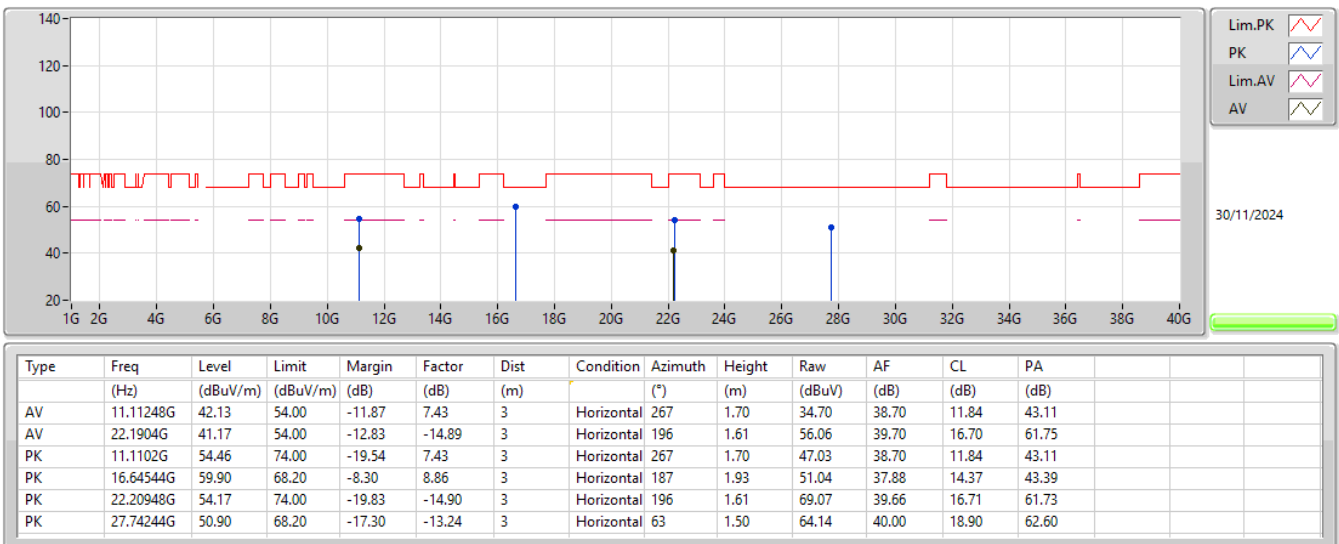
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX



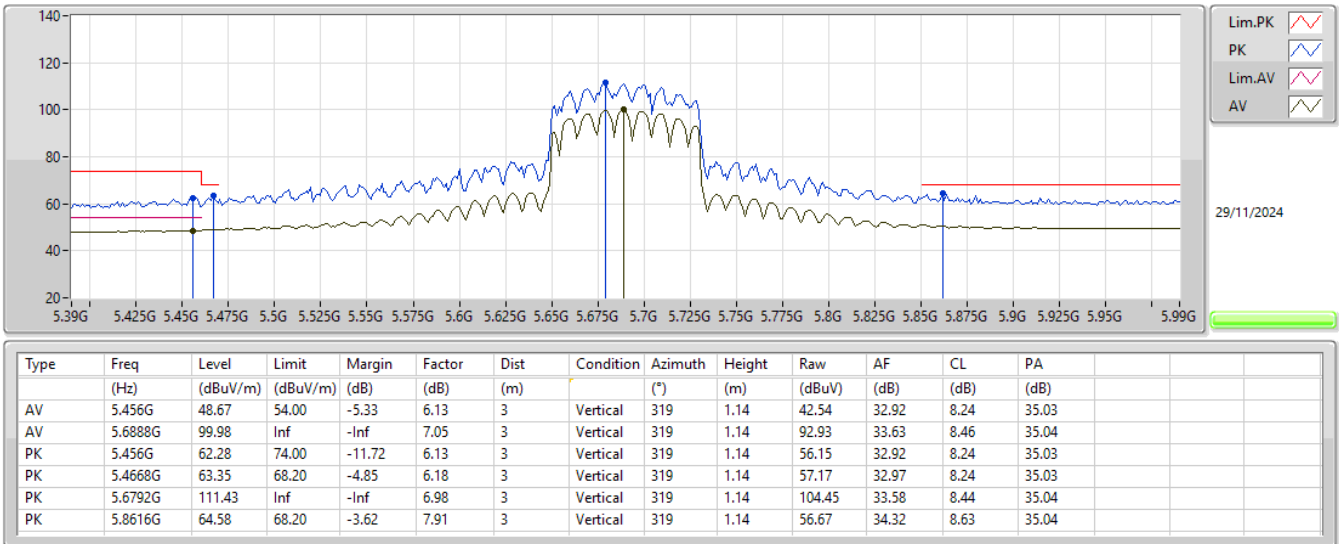
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX



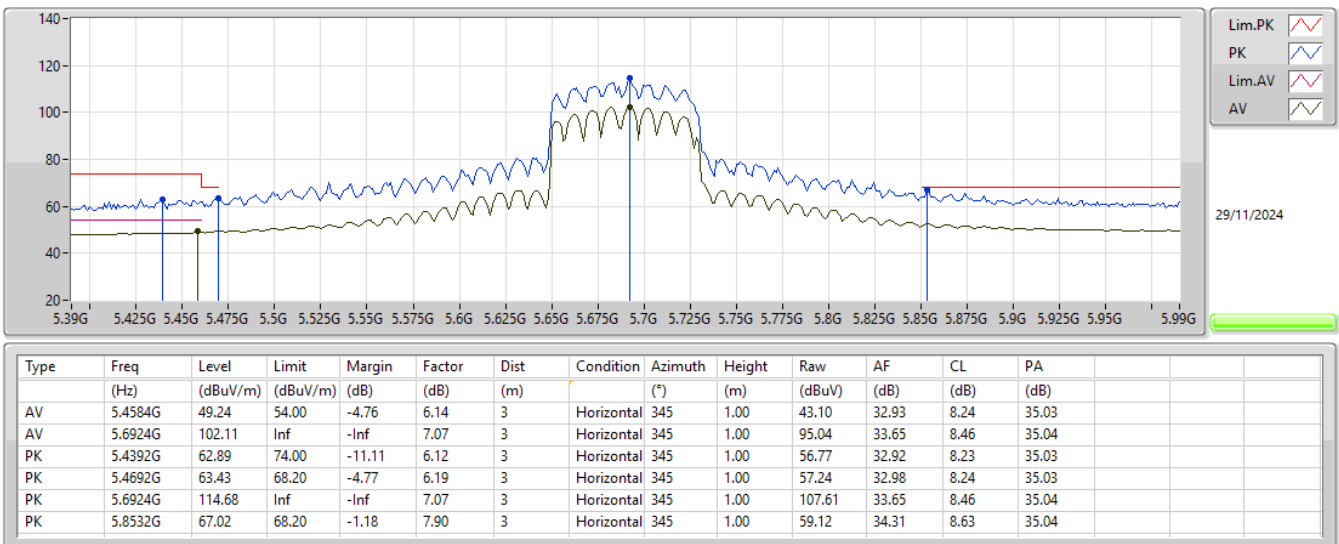
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



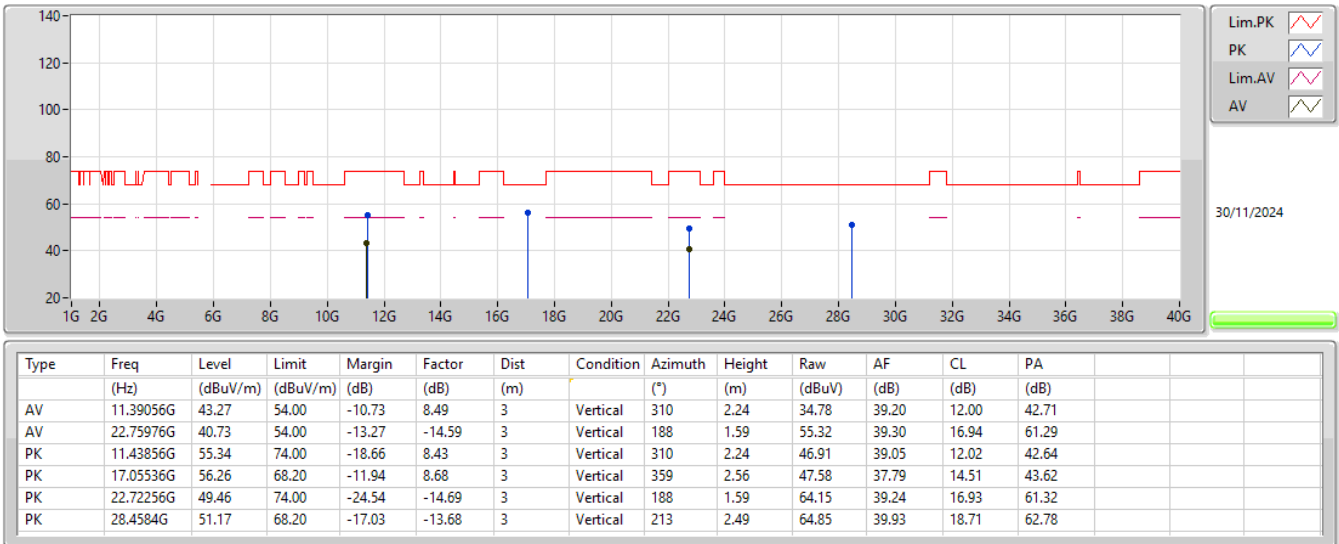
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



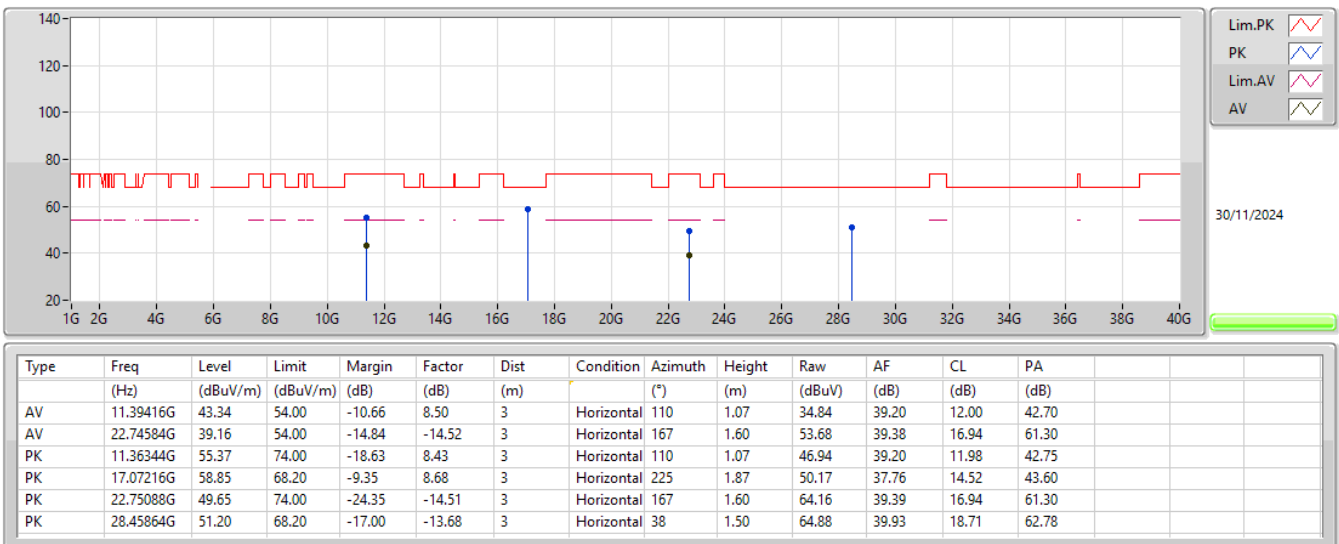
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5690MHz Straddle 5.47-5.725GHz_TX



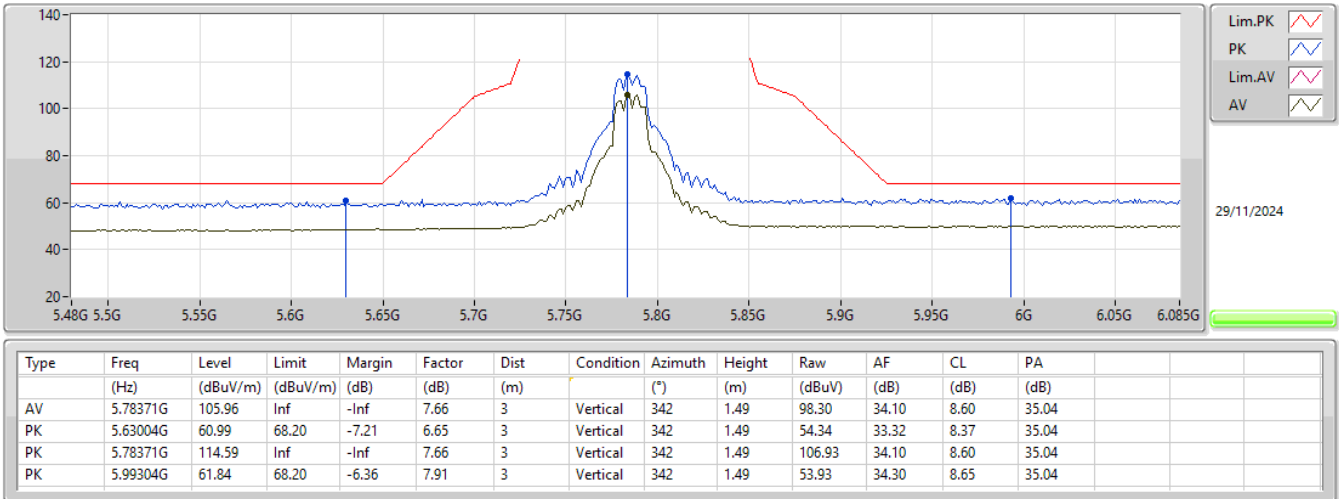
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



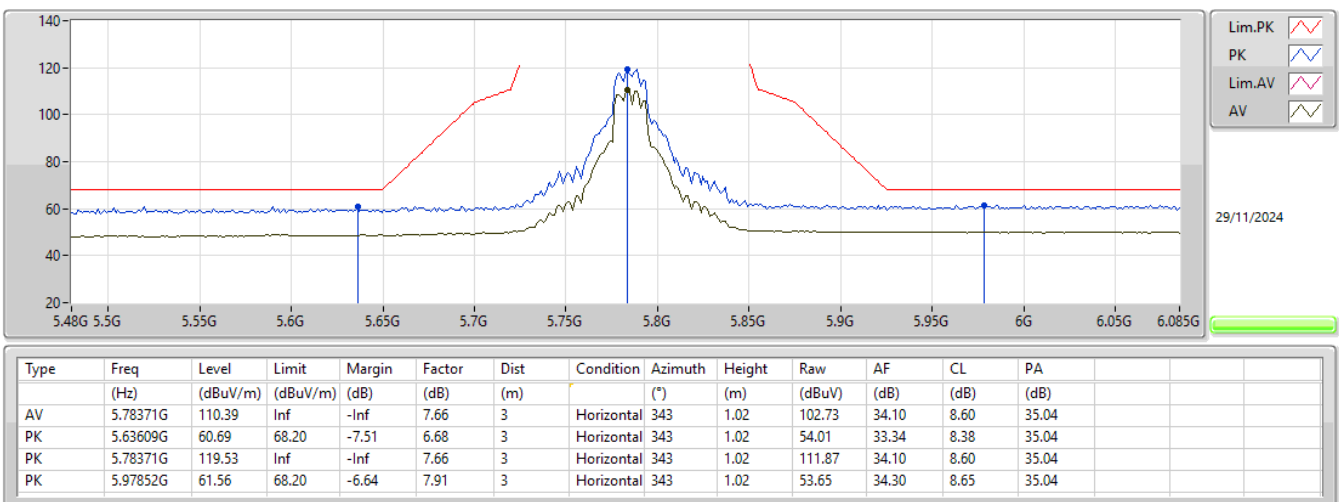
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



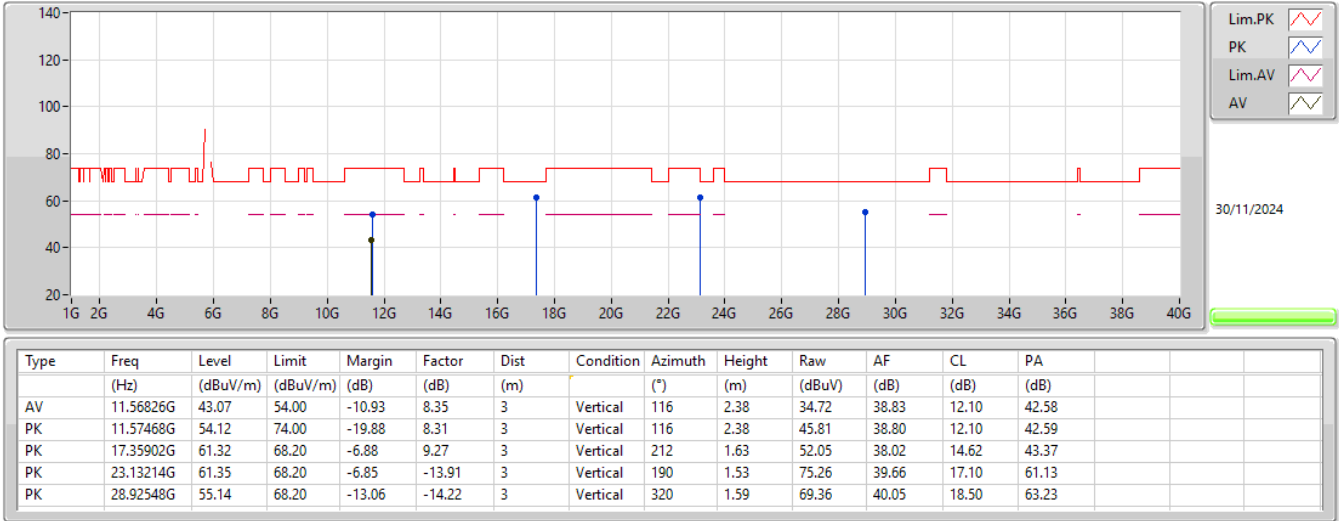
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



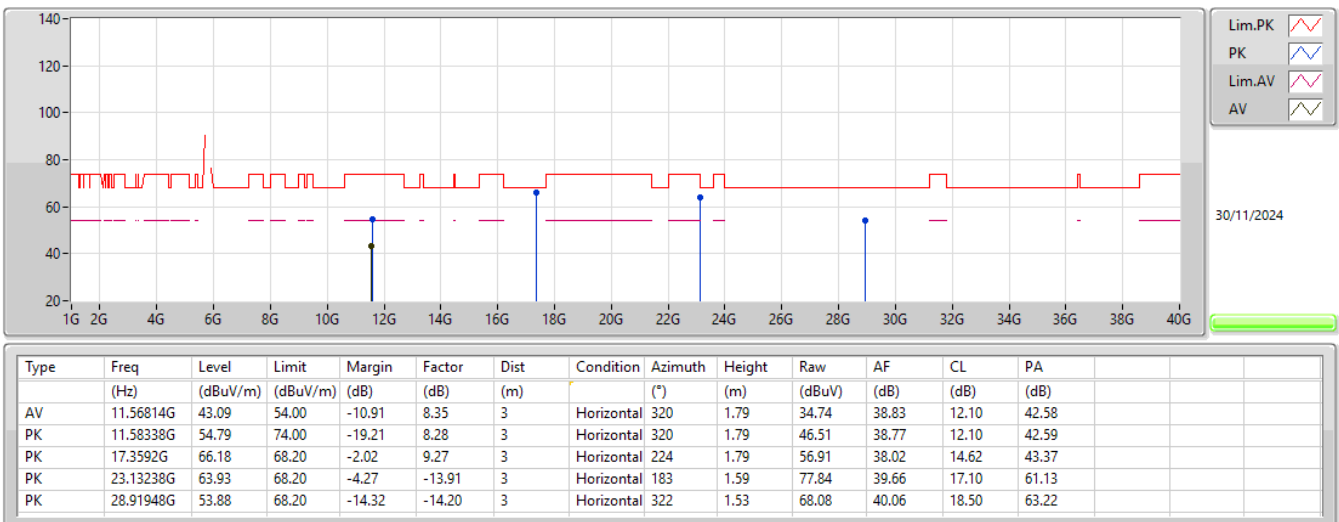
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



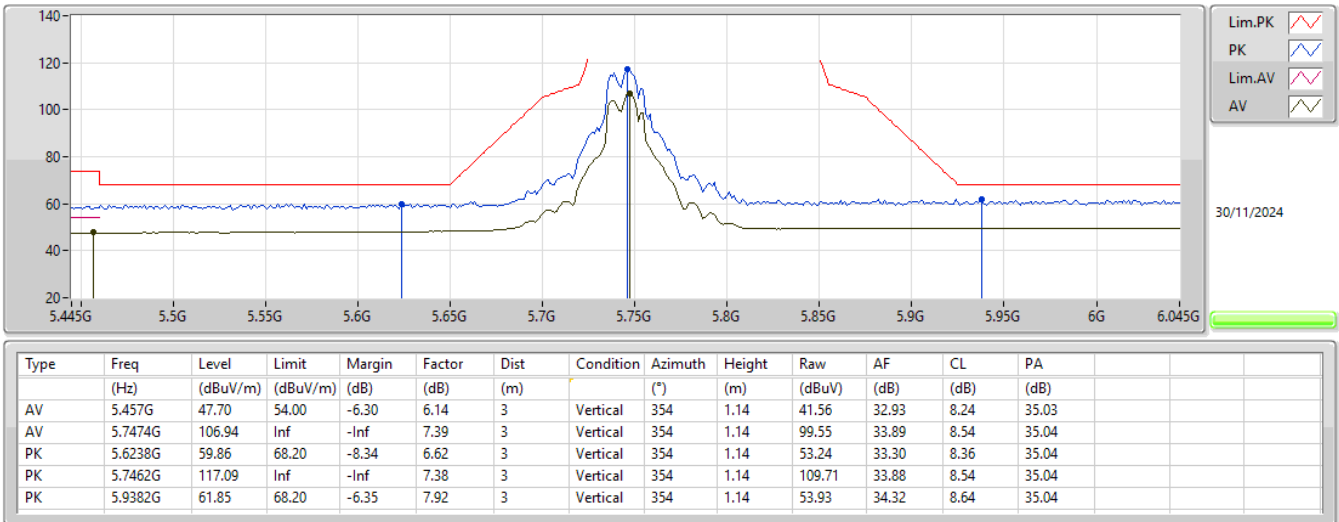
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5785MHz_TX



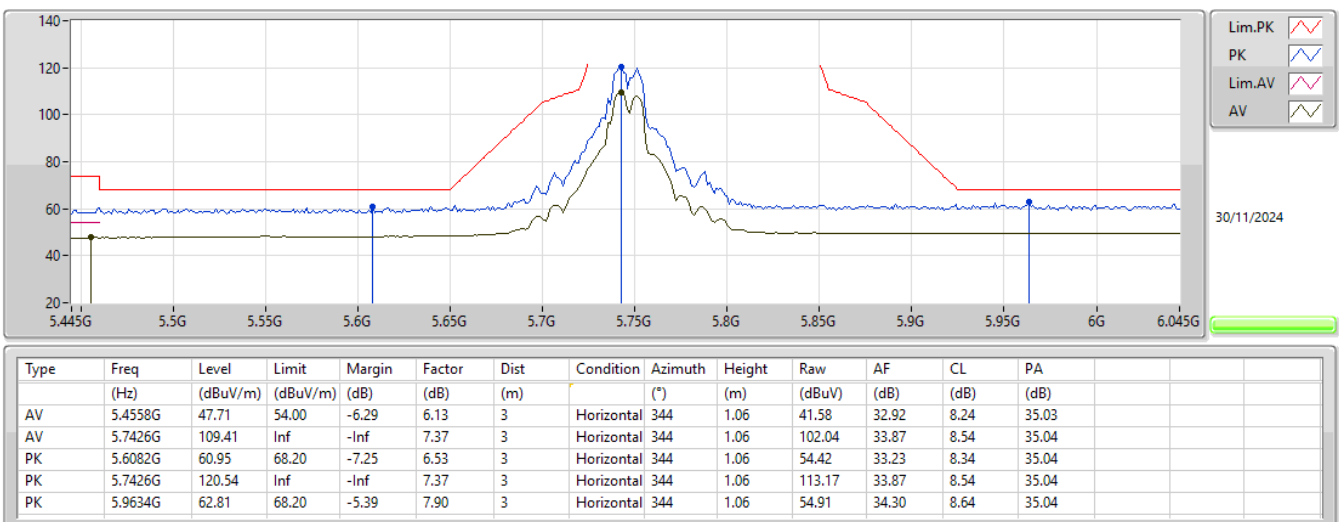
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



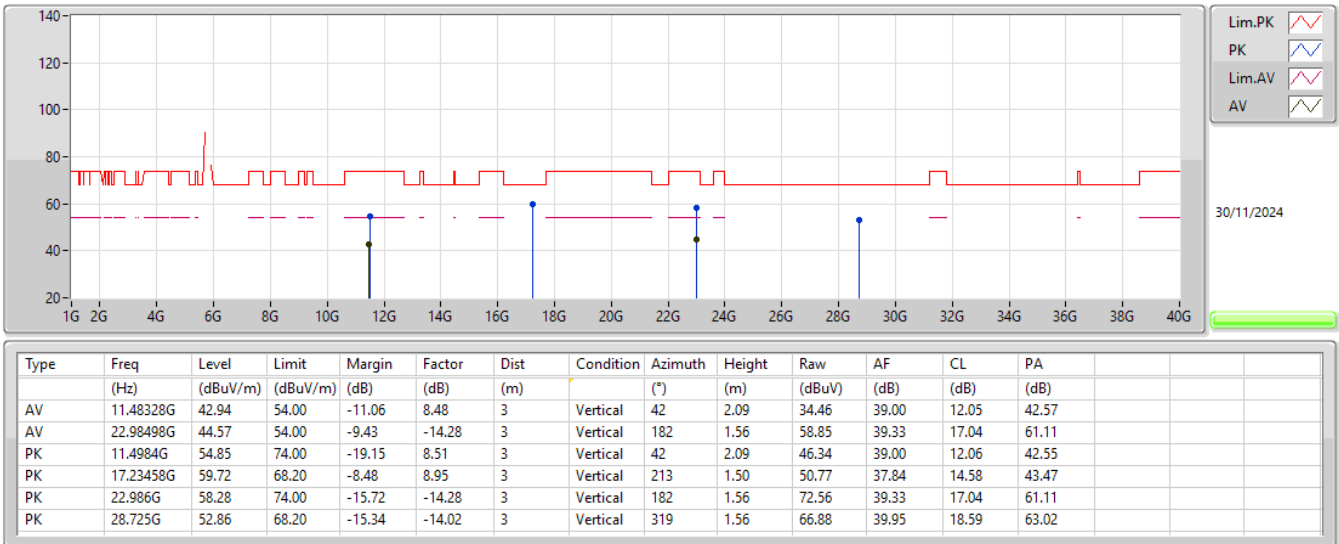
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5745MHz_TX



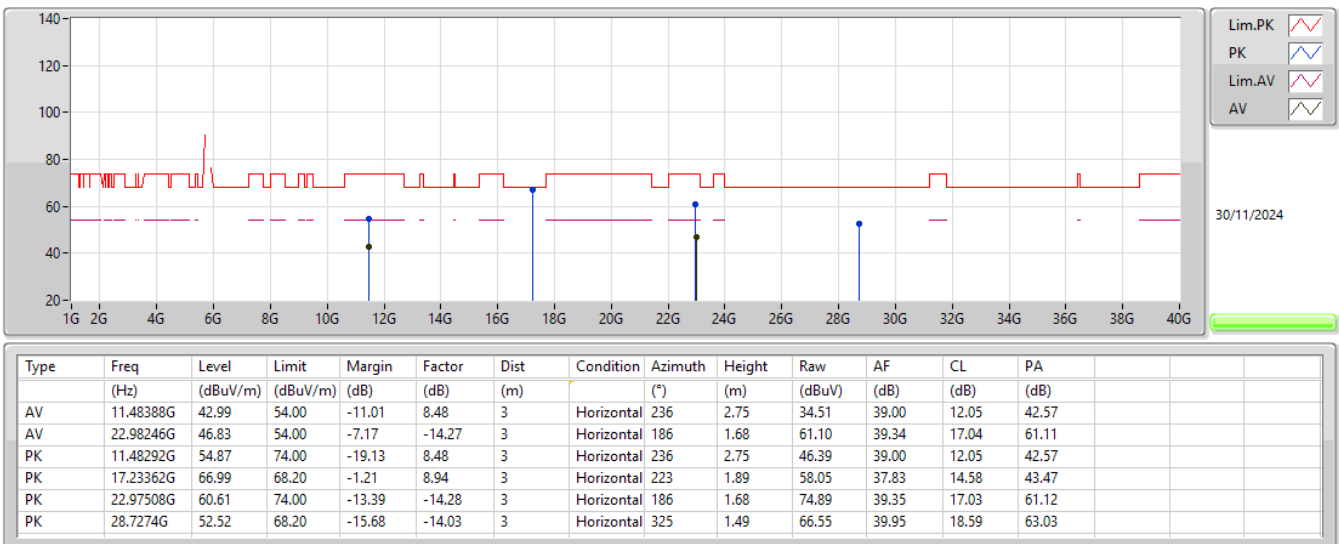
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5745MHz_TX



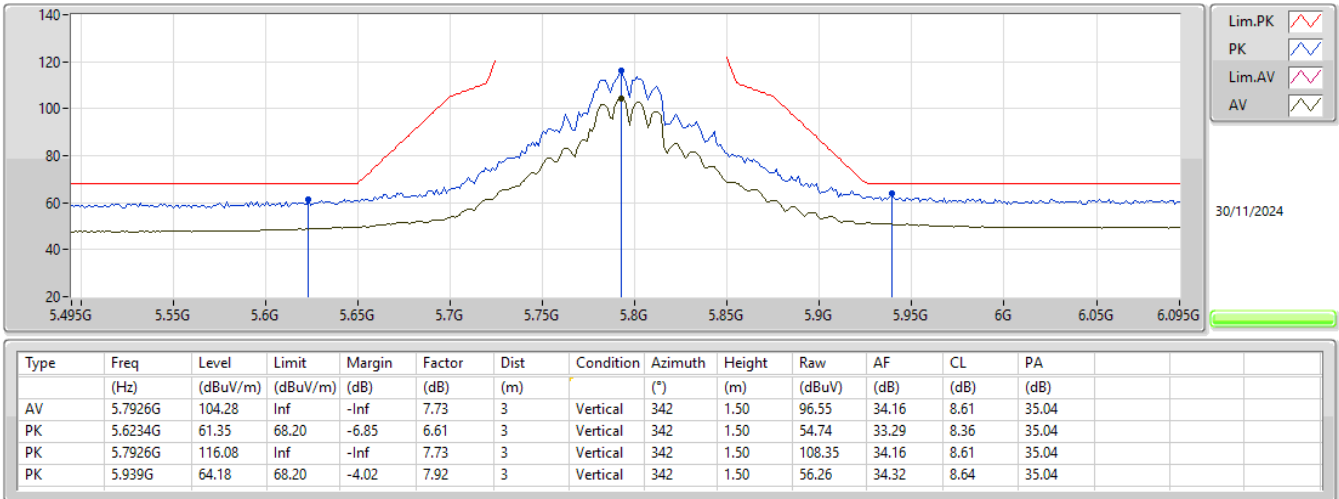
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5745MHz_TX



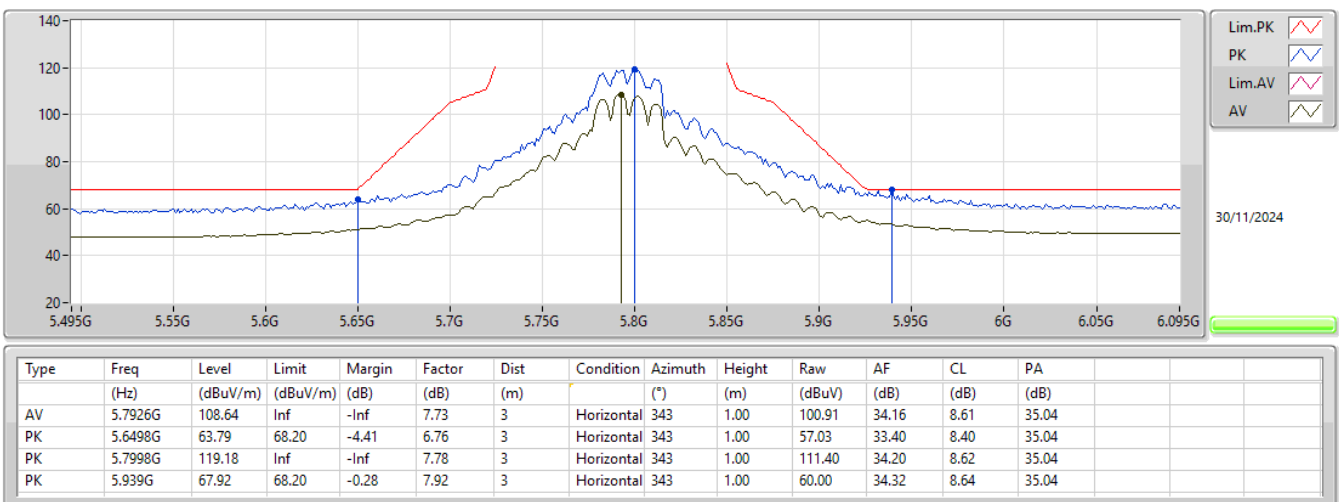
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



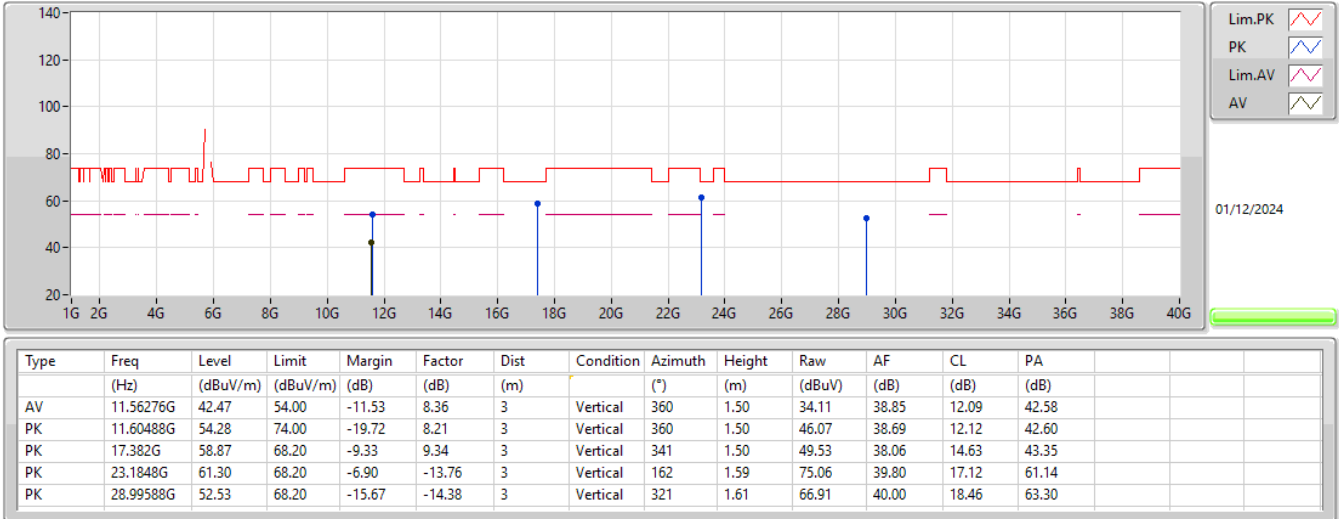
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



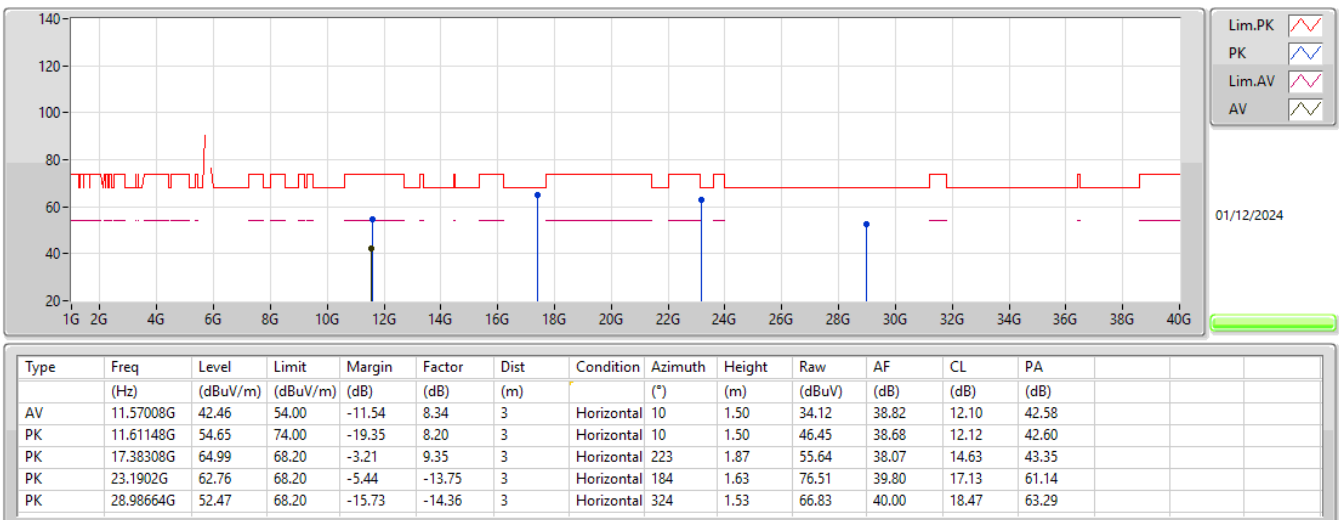
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5795MHz_TX



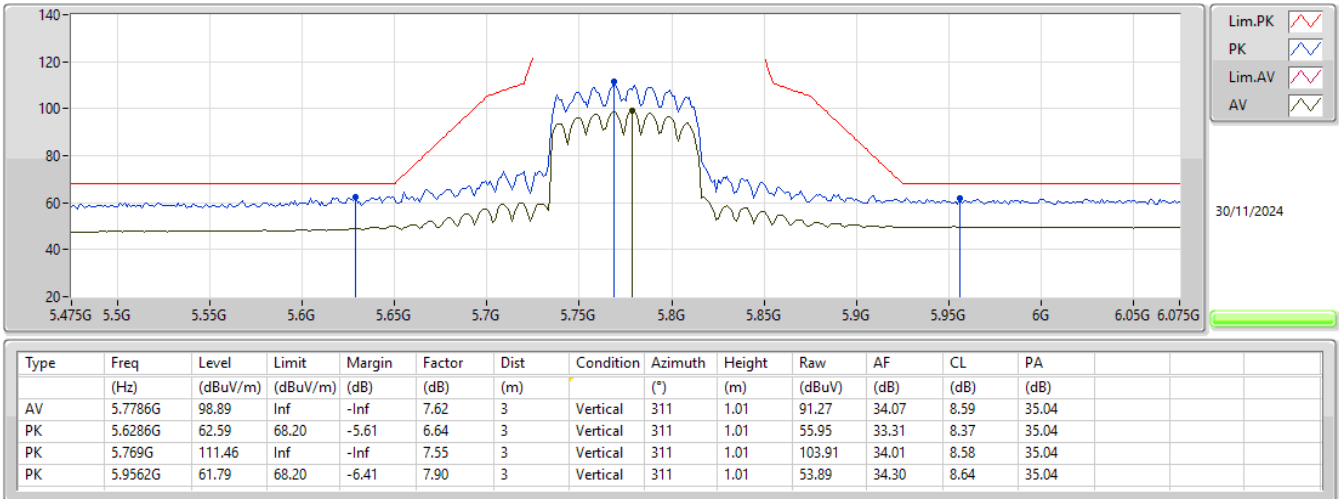
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5795MHz_TX



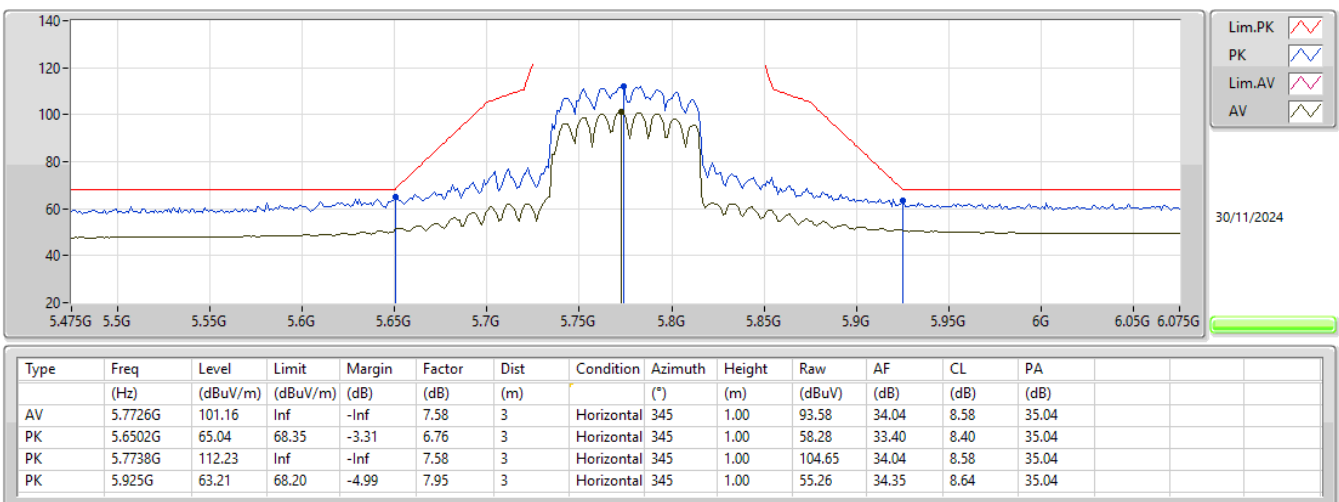
5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



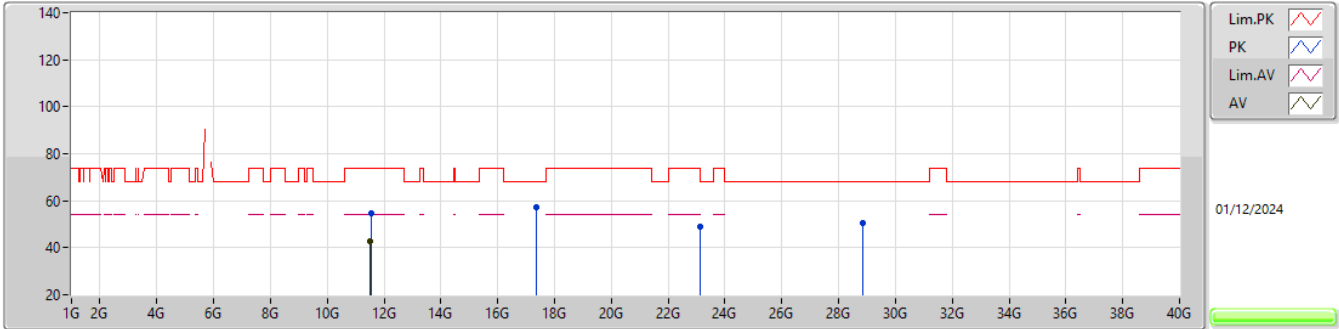
5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

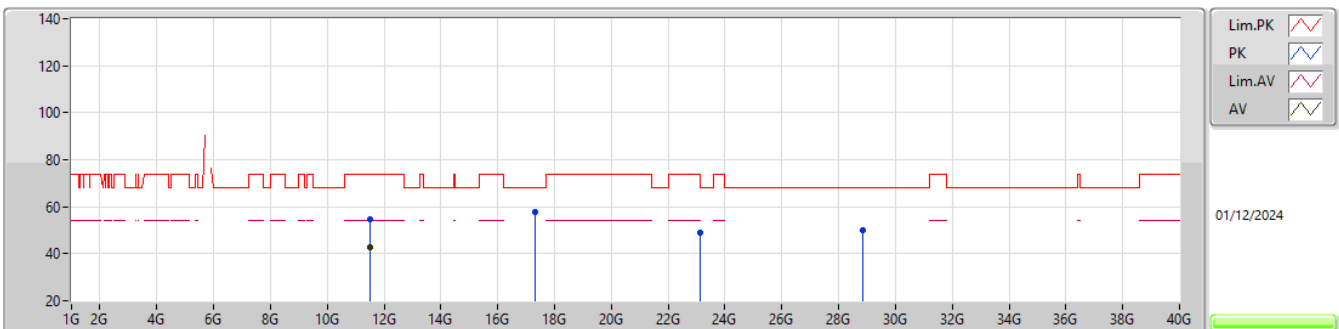
5775MHz_TX



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	11.5128G	42.81	54.00	-11.19	8.47	3	Vertical	307	1.41	34.34	38.97	12.06	42.56
PK	11.57064G	54.68	74.00	-19.32	8.34	3	Vertical	307	1.41	46.34	38.82	12.10	42.58
PK	17.36148G	57.00	68.20	-11.20	9.27	3	Vertical	40	1.50	47.73	38.02	14.62	43.37
PK	23.14656G	48.71	68.20	-19.49	-13.79	3	Vertical	70	1.50	62.50	39.77	17.11	61.13
PK	28.84788G	50.73	68.20	-17.47	-14.36	3	Vertical	120	2.29	65.09	39.80	18.53	63.15

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

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	11.52216G	42.81	54.00	-11.19	8.47	3	Horizontal	250	1.00	34.34	38.96	12.07	42.56
PK	11.4912G	54.62	74.00	-19.38	8.49	3	Horizontal	250	1.00	46.13	39.00	12.05	42.56
PK	17.30292G	57.82	68.20	-10.38	9.09	3	Horizontal	223	1.76	48.73	37.91	14.60	43.42
PK	23.11752G	48.79	74.00	-25.21	-14.03	3	Horizontal	74	1.45	62.82	39.54	17.09	61.12
PK	28.86828G	50.14	68.20	-18.06	-14.28	3	Horizontal	263	1.53	64.42	39.91	18.52	63.17



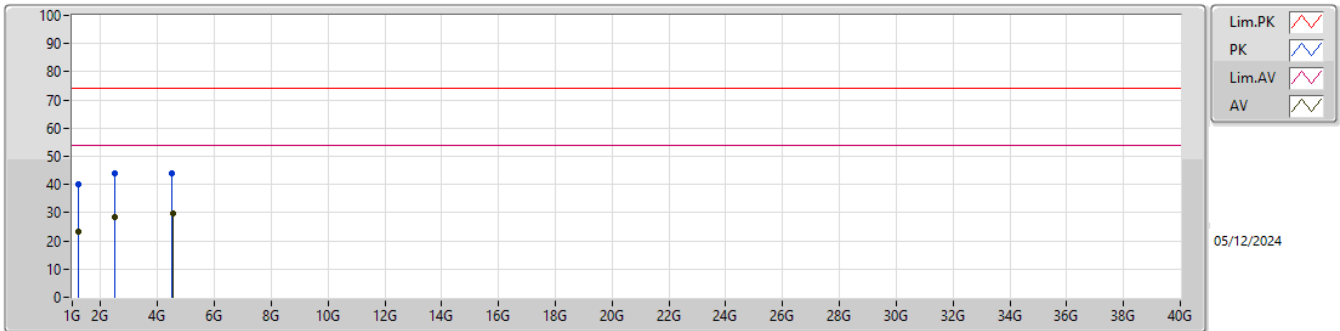
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.9725G	30.25	54.00	-23.75	Horizontal

Result

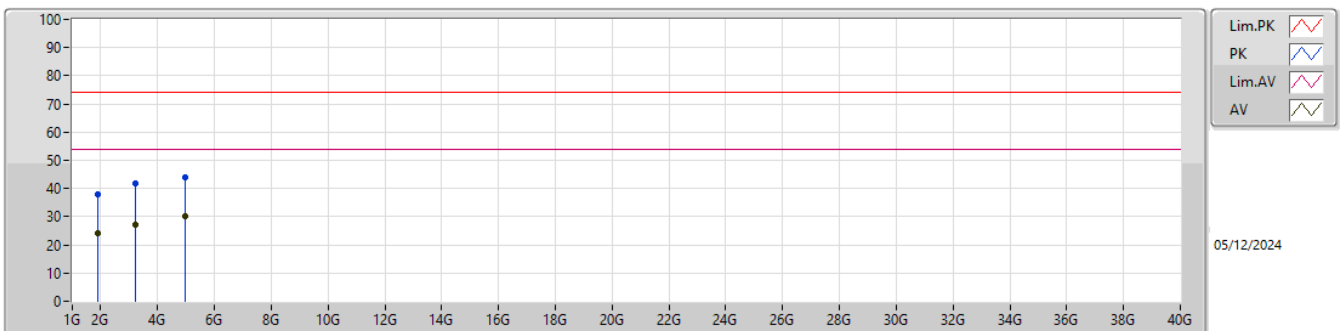
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.19657G	23.35	54.00	-30.65	3	Vertical	256	1.99
Mode 1	Pass	AV	2.5161G	28.26	54.00	-25.74	3	Vertical	15	1.00
Mode 1	Pass	AV	4.5275G	29.83	54.00	-24.17	3	Vertical	41	2.00
Mode 1	Pass	PK	1.19657G	40.27	74.00	-33.73	3	Vertical	256	1.99
Mode 1	Pass	PK	2.5161G	44.14	74.00	-29.86	3	Vertical	15	1.00
Mode 1	Pass	PK	4.5125G	43.84	74.00	-30.16	3	Vertical	41	2.00
Mode 1	Pass	AV	1.91331G	24.09	54.00	-29.91	3	Horizontal	57	1.47
Mode 1	Pass	AV	3.23938G	26.94	54.00	-27.06	3	Horizontal	142	1.20
Mode 1	Pass	AV	4.9725G	30.25	54.00	-23.75	3	Horizontal	102	1.00
Mode 1	Pass	PK	1.91331G	37.93	74.00	-36.07	3	Horizontal	57	1.47
Mode 1	Pass	PK	3.22438G	41.64	74.00	-32.36	3	Horizontal	142	1.20
Mode 1	Pass	PK	4.9875G	44.00	74.00	-30.00	3	Horizontal	102	1.00

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)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.19657G	23.35	54.00	-30.65	-6.31	3	Vertical	256	1.99	29.66	26.10	3.15	35.56
AV	2.5161G	28.26	54.00	-25.74	-2.56	3	Vertical	15	1.00	30.82	27.90	4.67	35.13
AV	4.5275G	29.83	54.00	-24.17	2.85	3	Vertical	41	2.00	26.98	31.56	6.33	35.04
PK	1.19657G	40.27	74.00	-33.73	-6.31	3	Vertical	256	1.99	46.58	26.10	3.15	35.56
PK	2.5161G	44.14	74.00	-29.86	-2.56	3	Vertical	15	1.00	46.70	27.90	4.67	35.13
PK	4.5125G	43.84	74.00	-30.16	2.80	3	Vertical	41	2.00	41.04	31.52	6.32	35.04

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)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.91331G	24.09	54.00	-29.91	-5.18	3	Horizontal	57	1.47	29.27	25.80	4.02	35.00
AV	3.23938G	26.94	54.00	-27.06	-0.23	3	Horizontal	142	1.20	27.17	29.62	5.38	35.23
AV	4.9725G	30.25	54.00	-23.75	4.71	3	Horizontal	102	1.00	25.54	33.09	6.69	35.07
PK	1.91331G	37.93	74.00	-36.07	-5.18	3	Horizontal	57	1.47	43.11	25.80	4.02	35.00
PK	3.22438G	41.64	74.00	-32.36	-0.22	3	Horizontal	142	1.20	41.86	29.65	5.36	35.23
PK	4.9875G	44.00	74.00	-30.00	4.79	3	Horizontal	102	1.00	39.21	33.15	6.71	35.07