

VERIFICATION OF COMPLIANCE



Equipment : Industrial Wi-Fi 6 wireless access points /
Industrial Wi-Fi 6 wireless clients

Model No. : AWK-1161C-UN, AWK-1165C-UN, AWK-1161C-UN-T,
AWK-1165C-UN-T, AWK-1161C-US, AWK-1165C-US,
AWK-1161C-US-T, AWK-1165C-US-T, AWK-1161A-UN,
AWK-1165A-UN, AWK-1161A-UN-T, AWK-1165A-UN-T,
AWK-1161A-US, AWK-1165A-US, AWK-1161A-US-T,
AWK-1165A-US-T

Applicant : Moxa Inc.
No. 1111, Heping Rd., Bade Dist., Taoyuan City 334004, Taiwan

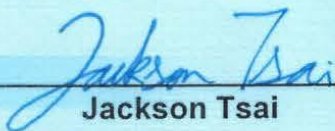


I HEREBY

DECLARE THAT :

The equipment was **Passed** the test performed according to
47 CFR FCC Part 15.407

The test was carried out on **Jan. 11, 2024** at **SPORTON INTERNATIONAL INC.**
Hsinhua Laboratory.


Jackson Tsai

FCC Radio Test Report

FCC ID : SLE-AWK1160

Equipment : Industrial Wi-Fi 6 wireless access points /
Industrial Wi-Fi 6 wireless clients

Brand Name : MOXA

Model Name : AWK-1161C-UN, AWK-1165C-UN,
AWK-1161C-UN-T, AWK-1165C-UN-T,
AWK-1161C-US, AWK-1165C-US,
AWK-1161C-US-T, AWK-1165C-US-T,
AWK-1161A-UN, AWK-1165A-UN,
AWK-1161A-UN-T, AWK-1165A-UN-T,
AWK-1161A-US, AWK-1165A-US,
AWK-1161A-US-T, AWK-1165A-US-T

EUT Rated Voltage Range : DC 9V ~ 30V

Applicant : Moxa Inc.
No. 1111, Heping Rd., Bade Dist., Taoyuan City
334004, Taiwan

Manufacturer : Moxa Inc.
No. 1111, Heping Rd., Bade Dist., Taoyuan City
334004, Taiwan

Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 23, 2023, and testing was started from Dec. 15, 2023 and completed on Jan. 11, 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 report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver4.5
FCC ID: SLE-AWK1160

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Required	Only employ DC power.
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ryan Hsiao

Report Producer: 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]

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
5.25-5.35GHz	802.11ax HEW80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	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	Support
1	MOXA	ANT-WDB-ARM-02	Dipole	Reverse SMA	2.4GHz+5GHz
2	MOXA	ANT-WDB-ARM-0202	Dipole	Reverse SMA	2.4GHz+5GHz
3	MOXA	ANT-WSB-AHRM-05-1.5m	Dipole	Reverse SMA	2.4GHz
4	MOXA	MAT-WDB-CA-RM-2-0205	Dipole	Reverse SMA	2.4GHz+5GHz
5	MOXA	MAT-WDB-DA-RM-2-0203-1m	Dipole	Reverse SMA	2.4GHz+5GHz

Ant.	Gain (dBi)	
	2.4G	5G
1	2	2
2	2	2
3	5	-
4	2	5
5	2	3

Note 1: The EUT has five groups of antenna, each group is 2 antennas.

Note 2: EUT can match with above antennas for using. Higher gain in each group of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

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

Ant. 1, Ant 2, Ant 3, Ant 4, Ant 5 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1, Ant 2, Ant 4, Ant 5 could transmit/receive simultaneously



1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.954	0.2	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.976	0.11	5.402m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_2TX	0.974	0.11	4.011m	300

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model name	Model difference		
	client / AP	10/100/1000 BaseT(X) port	operating temperature
AWK-1161C-US	client	1	-25 to 60°C
AWK-1161C-US-T	client	1	-40 to 75°C
AWK-1161C-UN	client	1	-25 to 60°C
AWK-1161C-UN-T	client	1	-40 to 75°C
AWK-1161A-US	AP	1	-25 to 60°C
AWK-1161A-US-T	AP	1	-40 to 75°C
AWK-1161A-UN	AP	1	-25 to 60°C
AWK-1161A-UN-T	AP	1	-40 to 75°C
AWK-1165C-US	client	5	-25 to 60°C
AWK-1165C-US-T	client	5	-40 to 75°C
AWK-1165C-UN	client	5	-25 to 60°C
AWK-1165C-UN-T	client	5	-40 to 75°C
AWK-1165A-US	AP	5	-25 to 60°C
AWK-1165A-US-T	AP	5	-40 to 75°C
AWK-1165A-UN	AP	5	-25 to 60°C
AWK-1165A-UN-T	AP	5	-40 to 75°C

From the above models, model: AWK-1165C-US-T was selected as representative model for the test and its data was recorded in this report.

Note 1 : Client, AP mode and band: All these features are defined by software, to fulfil different condition of use.

Note 2 : LAN Ports: For different condition of use, product supports 1 LAN port or 5 LAN ports, it depends on product equipped with I/O board or not.

Note 3 : Operating temperature: Model name with -T character, product equipped with heatsink on surface to ensure better cooling capacity.

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH07-HY	Yuna Lin	21.1~22.8°C / 63~68%	19/Dec/2023~11/Jan/2024
Radiated	03CH02-HY	Vasari Huang	20.1~22.4°C / 50~52%	15/Dec/2023~19/Dec/2023
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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_00085.3
------------------------------	--------------------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	19
5200MHz	18.5
5240MHz	18.5
5260MHz	18.5
5300MHz	18.5
5320MHz	18.5
5500MHz	18.5
5580MHz	19
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
5745MHz	27
5785MHz	27
5825MHz	27
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	20
5200MHz	20
5240MHz	19.5
5260MHz	19.5
5300MHz	19.5
5320MHz	19.5
5500MHz	20
5580MHz	20
5700MHz	19.5
5720MHz Straddle 5.47-5.725GHz	19.5
5720MHz Straddle 5.725-5.85GHz	19.5
5745MHz	27
5785MHz	27
5825MHz	27



Mode	Power Setting
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	21
5270MHz	21
5310MHz	21
5510MHz	19
5550MHz	21.5
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
5755MHz	25
5795MHz	24.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	20
5290MHz	20.5
5530MHz	19
5610MHz	20.5
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
5775MHz	21

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	DC Power Supply		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

2.3 Accessories

Accessories				
Antenna 1*2	Brand Name	MOXA	Model Name	ANT-WDB-ARM-02
Antenna 2*2	Brand Name	MOXA	Model Name	ANT-WDB-ARM-0202
Antenna 3*2	Brand Name	MOXA	Model Name	ANT-WSB-AHRM-05-1.5m
Antenna 4*2	Brand Name	MOXA	Model Name	MAT-WDB-CA-RM-2-0205
Antenna 5*2	Brand Name	MOXA	Model Name	MAT-WDB-DA-RM-2-0203-1m

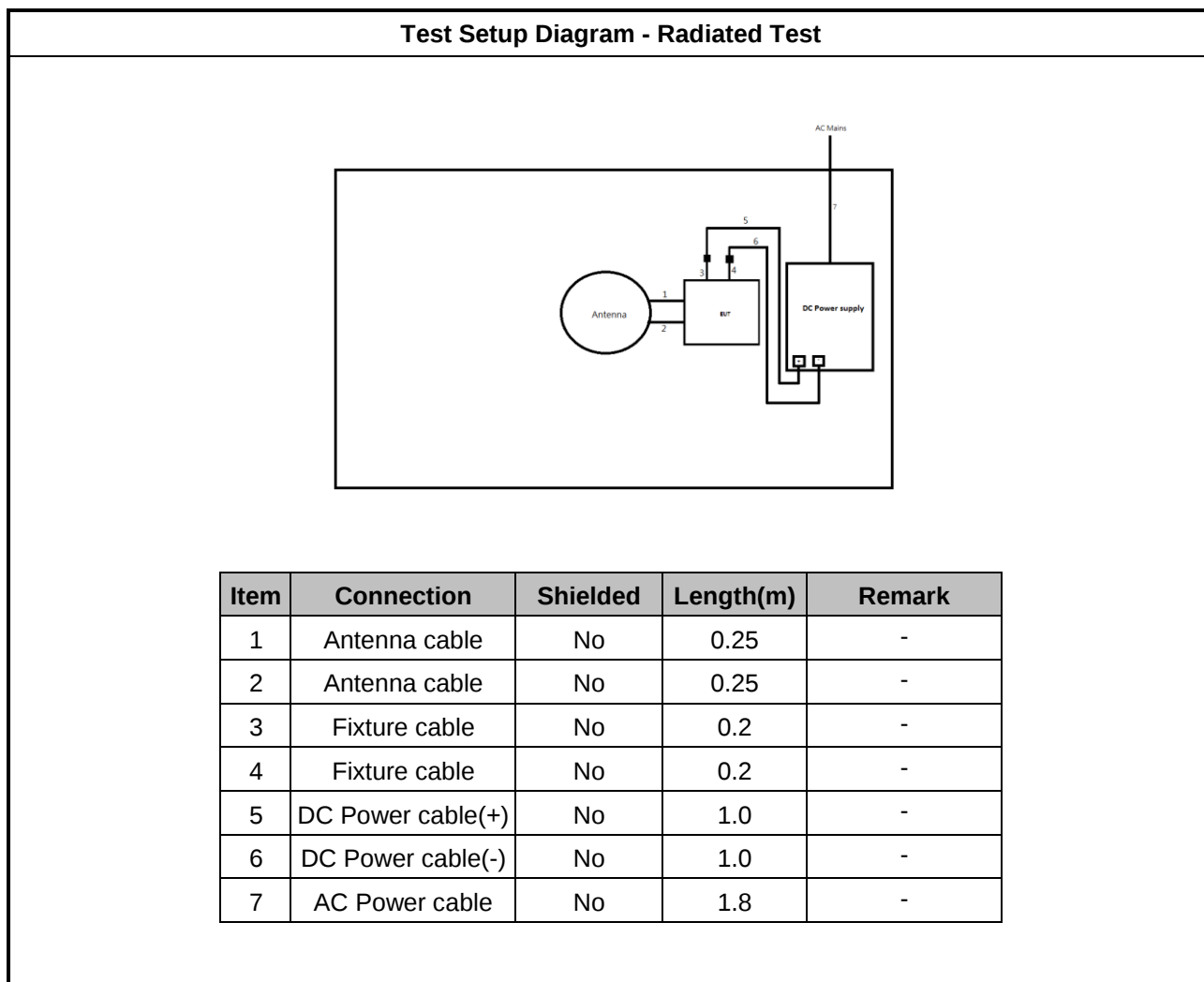
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC Power Supply	GW	GPC-6030D	-	-
2	Notebook	DELL	E5410	-	-
3	Adapter for NB	DELL	HA65NM130	-	-
4	LAN to RS232 Cable	MOXA	CBL-RJ45F9-150	-	Provided by Customer
5	Console	MOXA	Uport 1150	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC Power Supply	GW	GPS-3030DD	-	-
2	DC Power cable	MiSUMi	WTN1228-RED	-	-
3	DC Power cable	MiSUMi	WTN1228-BLACK	-	-
4	AC power cable	Power sync	PW-GPC180-3	-	-
5	Fixture cable * 2	Sporton	Sporton	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

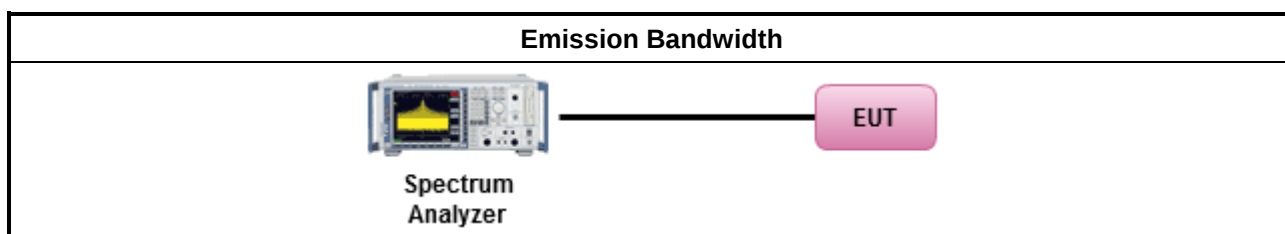
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 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.	

3.2.2 Measuring Instruments

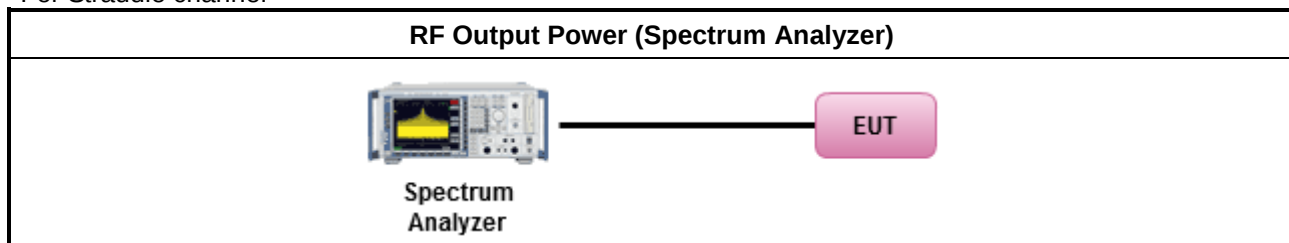
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

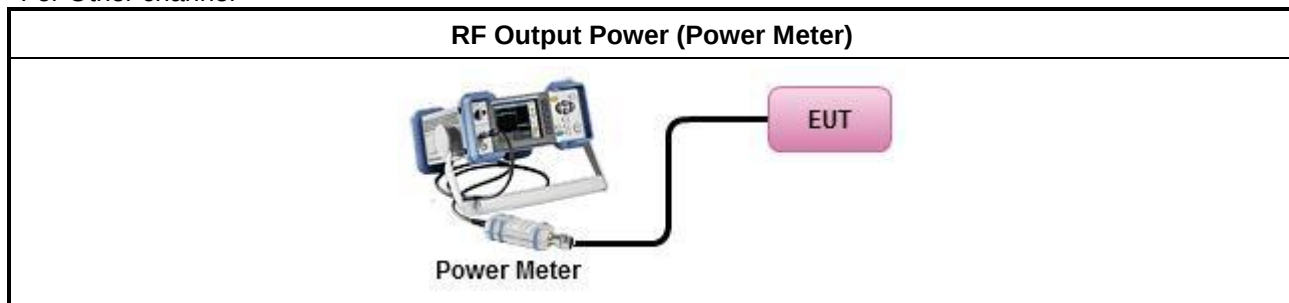
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed 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.	

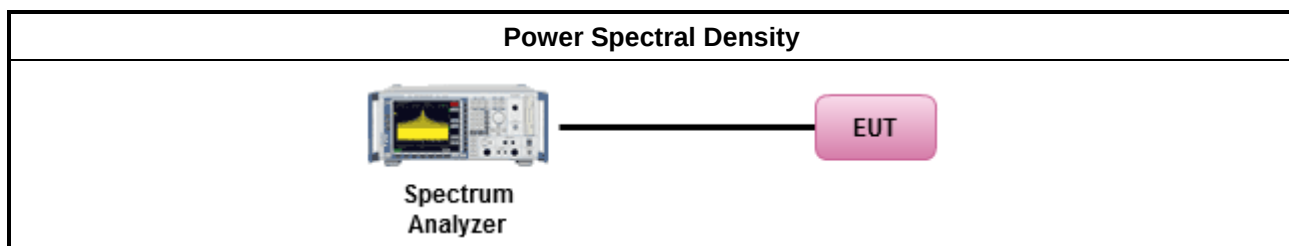
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
Duty cycle ≥ 98%	
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☐	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

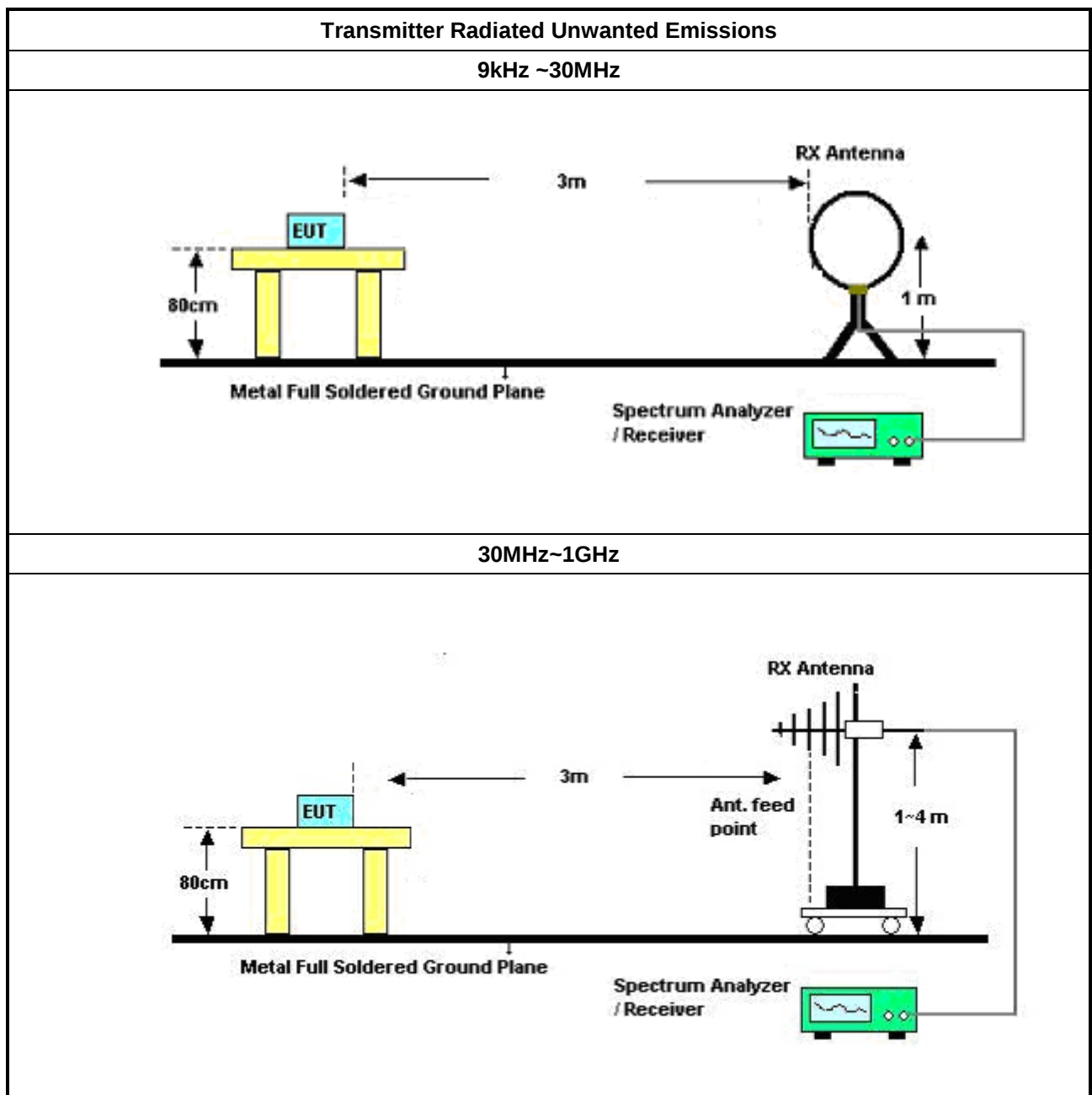
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

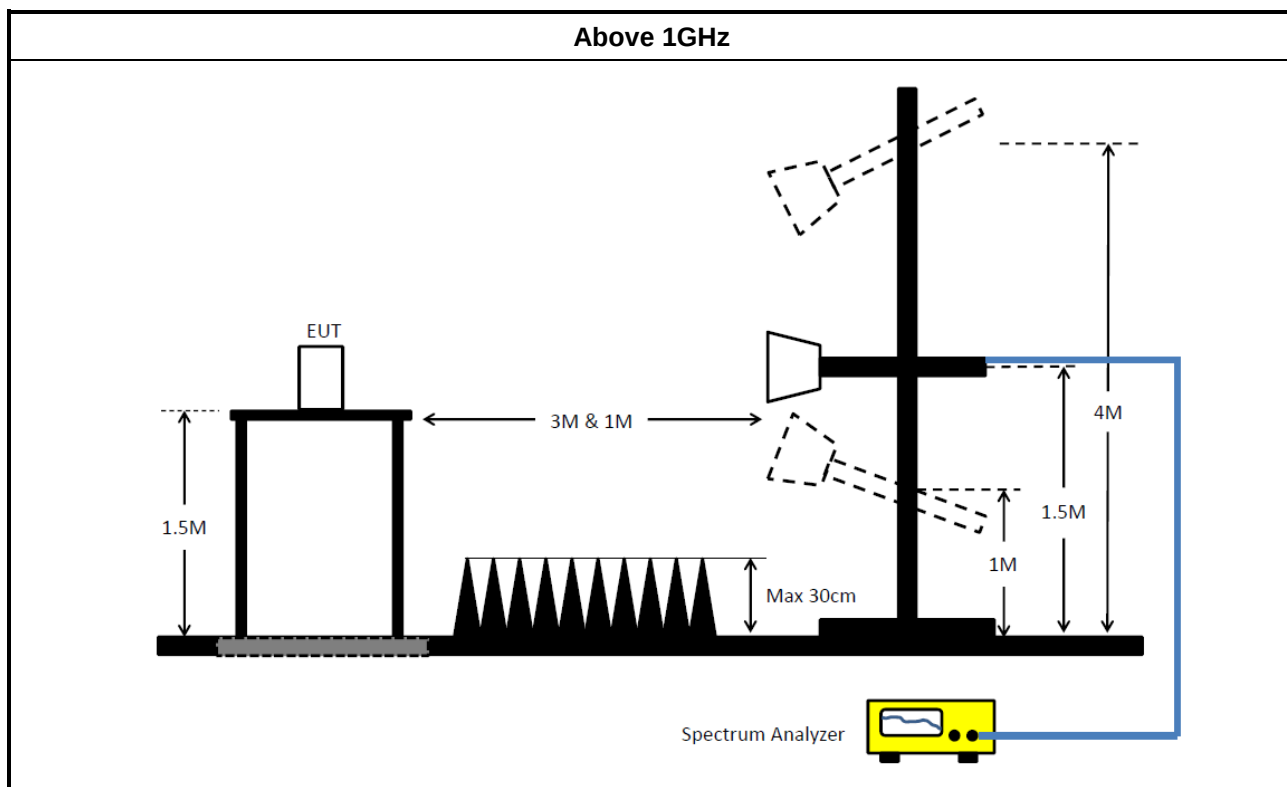
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup





3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	2105003	300MHz~40GHz	19/Sep/2023	18/Sep/2024
Pulse Sensor	Anritsu	MA2411B	1911254	300MHz~40GHz	19/Sep/2023	18/Sep/2024
SENSE-15407_NII	Sporton	V5.11.14	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	29/Jul/2023	28/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	26/May/2023	25/May/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	27/Aug/2023	26/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	19/Dec/2023	18/Dec/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2023	26/Jun/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Aug/2023	17/Aug/2024
SENSE-15407_NII	Sporton	V5.11.15	N/A	N/A	N/A	N/A

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	20.075M	16.492M	16M5D1D	19.25M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.175M	19.065M	19M1D1D	20.24M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.82M	37.631M	37M6D1D	39.38M	37.581M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.08M	76.962M	77M0D1D	79.42M	76.962M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.515M	16.536M	16M5D1D	19.415M	16.382M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.285M	19.065M	19M1D1D	20.13M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.71M	37.681M	37M7D1D	39.38M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	79.42M	76.962M	77M0D1D	79.2M	76.962M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.02M	16.426M	16M4D1D	14.775M	13.148M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.9M	18.941M	18M9D1D	15.015M	14.393M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.04M	37.831M	37M8D1D	34.65M	33.583M
802.11ax HEW80_Nss1,(MCS0)_2TX	79.64M	77.161M	77M2D1D	74.7M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.39M	35.6M	35M6D1D	3.16M	3.518M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.14M	40.08M	40M1D1D	4.48M	4.538M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.17M	52.724M	52M7D1D	4.04M	4.098M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.88M	77.161M	77M2D1D	3.92M	4.198M

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

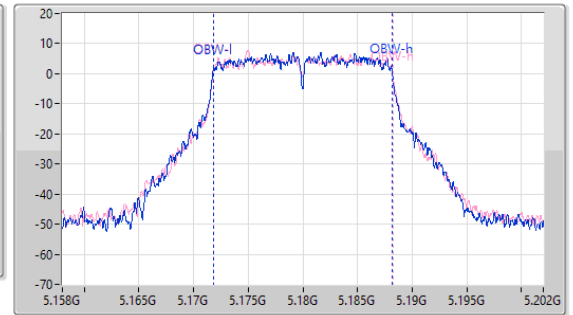
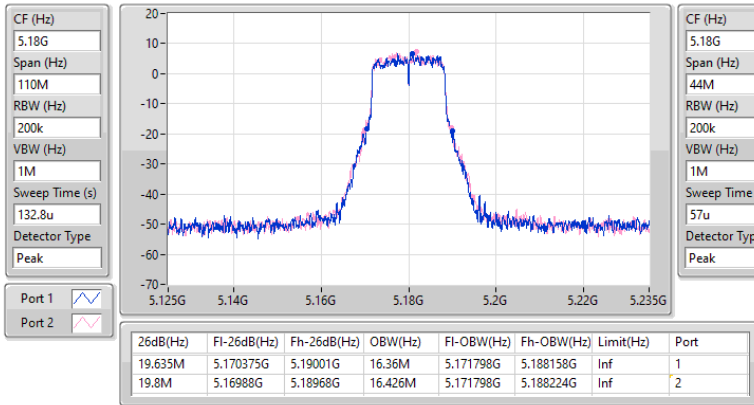
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.635M	16.36M	19.8M	16.426M
5200MHz	Pass	Inf	20.075M	16.492M	19.415M	16.426M
5240MHz	Pass	Inf	19.25M	16.382M	19.8M	16.36M
5260MHz	Pass	Inf	19.415M	16.404M	20.515M	16.426M
5300MHz	Pass	Inf	19.8M	16.382M	19.91M	16.382M
5320MHz	Pass	Inf	19.91M	16.536M	20.46M	16.426M
5500MHz	Pass	Inf	18.645M	16.426M	19.635M	16.404M
5580MHz	Pass	Inf	19.305M	16.36M	19.965M	16.426M
5700MHz	Pass	Inf	19.525M	16.404M	20.02M	16.382M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.775M	13.148M	15.645M	13.223M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	3.518M	3.16M	3.538M
5745MHz	Pass	500k	16.335M	35.6M	16.39M	33.115M
5785MHz	Pass	500k	16.335M	34.897M	15.07M	33.335M
5825MHz	Pass	500k	16.335M	35.358M	14.465M	32.918M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.175M	18.916M	20.9M	19.065M
5200MHz	Pass	Inf	20.735M	18.866M	20.24M	18.916M
5240MHz	Pass	Inf	20.68M	18.966M	20.515M	18.866M
5260MHz	Pass	Inf	20.35M	18.891M	20.13M	18.916M
5300MHz	Pass	Inf	20.68M	18.941M	20.57M	19.065M
5320MHz	Pass	Inf	21.285M	18.866M	20.57M	19.015M
5500MHz	Pass	Inf	20.735M	18.916M	20.075M	18.941M
5580MHz	Pass	Inf	20.075M	18.941M	20.9M	18.891M
5700MHz	Pass	Inf	20.845M	18.916M	20.075M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.36M	14.393M	15.015M	14.423M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.538M	4.48M	4.538M
5745MHz	Pass	500k	19.14M	39.405M	18.81M	33.583M
5785MHz	Pass	500k	19.03M	40.08M	19.085M	37.056M
5825MHz	Pass	500k	19.14M	40.08M	19.085M	36.682M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.38M	37.581M	39.38M	37.631M
5230MHz	Pass	Inf	39.49M	37.581M	39.82M	37.581M
5270MHz	Pass	Inf	39.71M	37.681M	39.71M	37.531M
5310MHz	Pass	Inf	39.38M	37.481M	39.71M	37.631M
5510MHz	Pass	Inf	39.49M	37.581M	39.6M	37.831M
5550MHz	Pass	Inf	40.04M	37.731M	39.05M	37.781M
5670MHz	Pass	Inf	40.04M	37.631M	39.38M	37.681M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.65M	33.583M	34.825M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.098M	4.04M	4.198M
5755MHz	Pass	500k	38.17M	52.724M	38.17M	38.231M
5795MHz	Pass	500k	38.17M	49.675M	37.95M	38.031M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	79.42M	76.962M	80.08M	76.962M
5290MHz	Pass	Inf	79.42M	76.962M	79.2M	76.962M
5530MHz	Pass	Inf	78.98M	76.962M	79.42M	77.161M
5610MHz	Pass	Inf	79.64M	77.161M	79.64M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.775M	73.238M	74.7M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.198M	4.1M	4.238M
5775MHz	Pass	500k	75.46M	77.161M	77.88M	77.161M

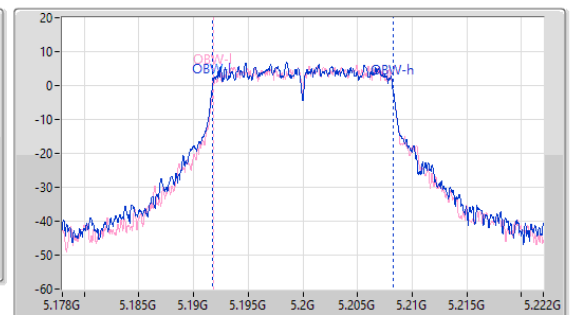
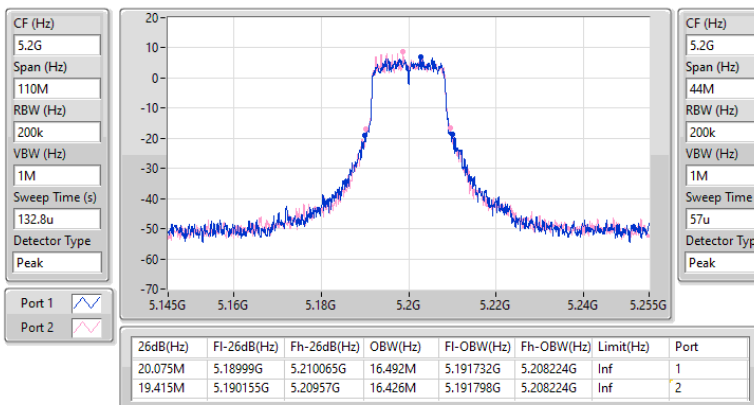
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

19/12/2023


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

19/12/2023

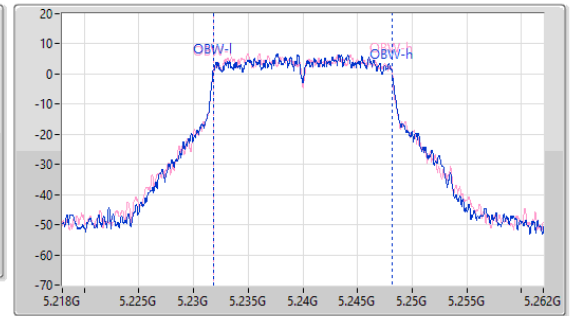
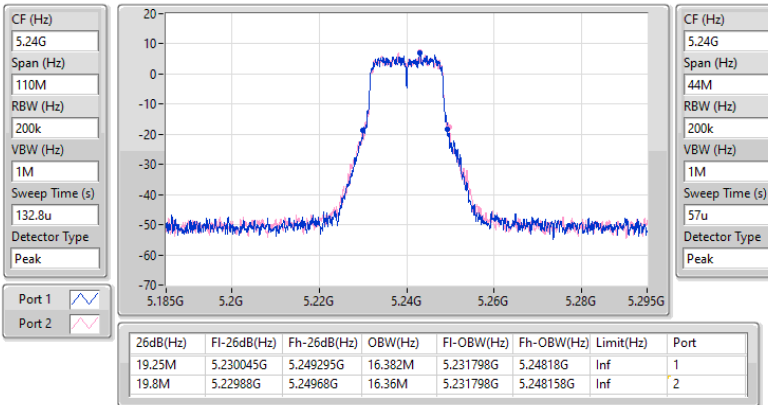


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

19/12/2023

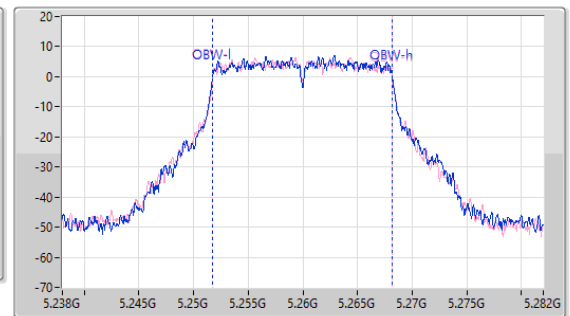
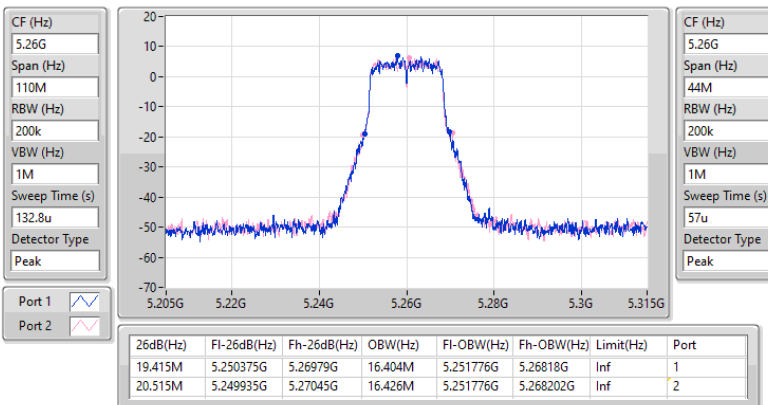


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

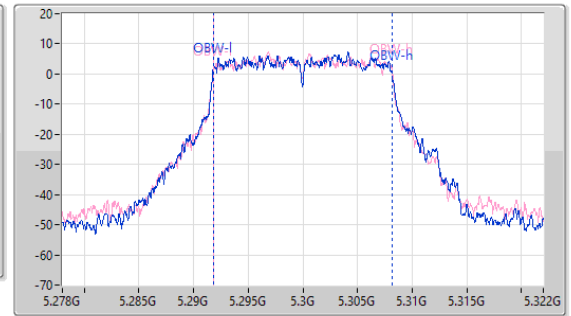
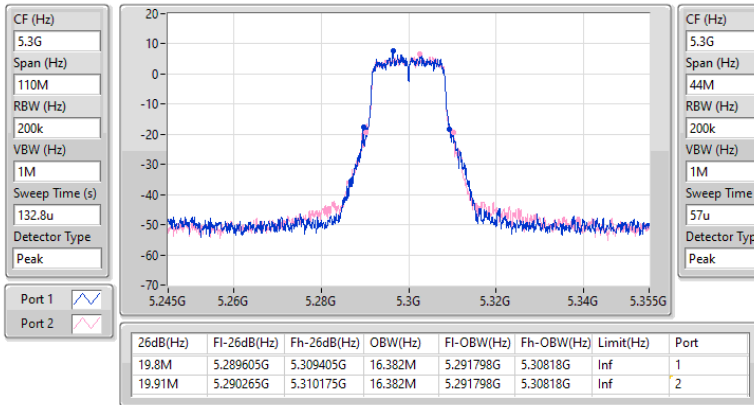
5260MHz

19/12/2023

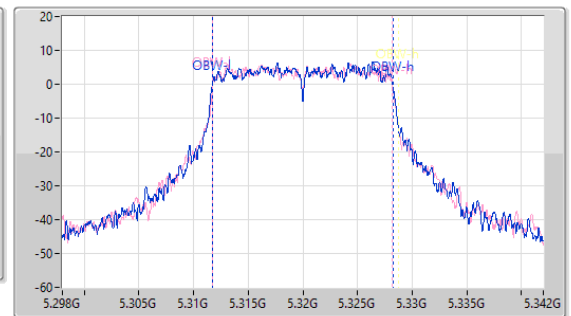
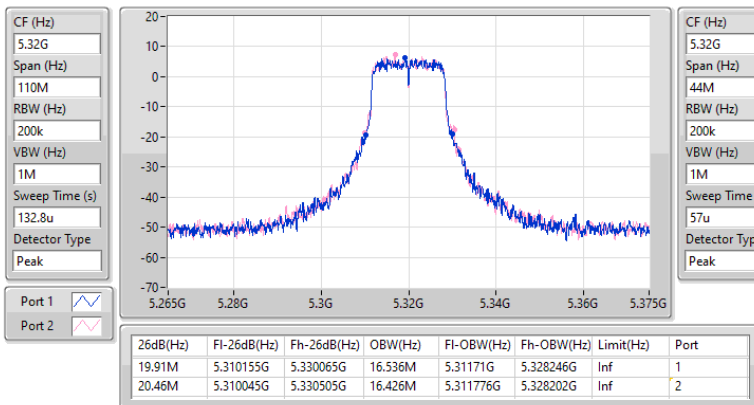


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

19/12/2023

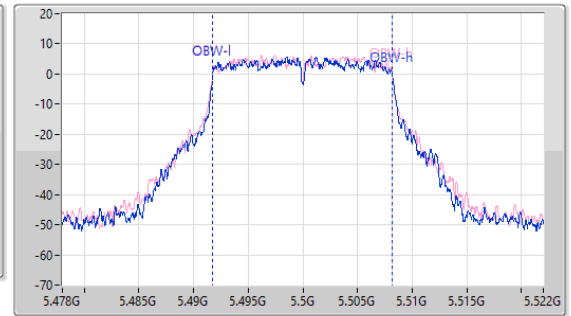
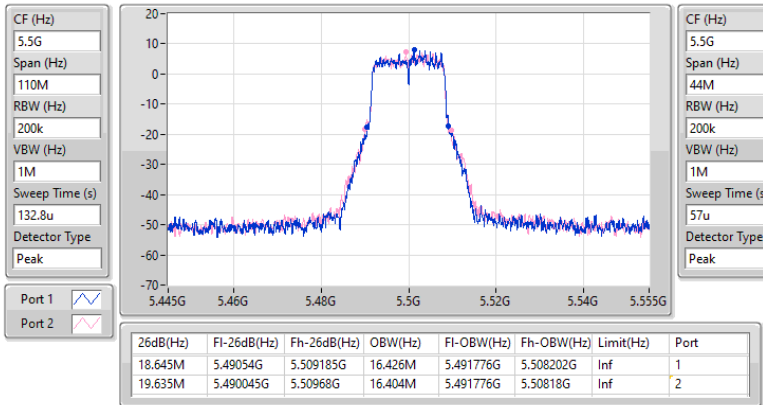

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

19/12/2023

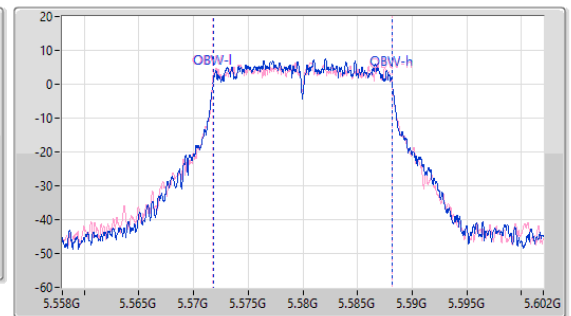
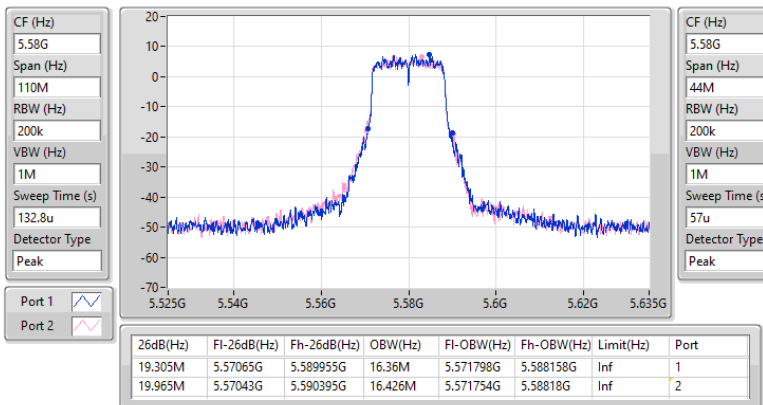


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

19/12/2023


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

19/12/2023

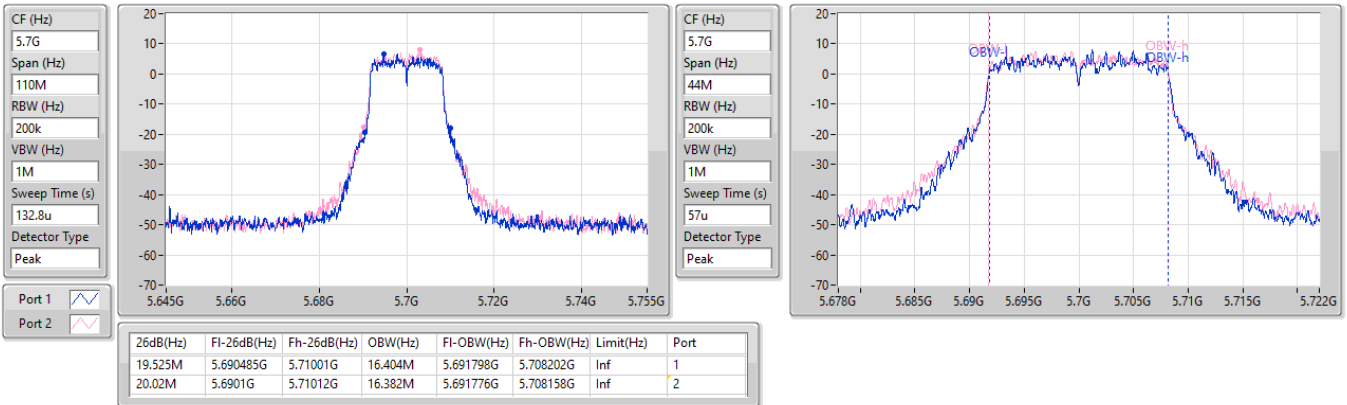


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

19/12/2023

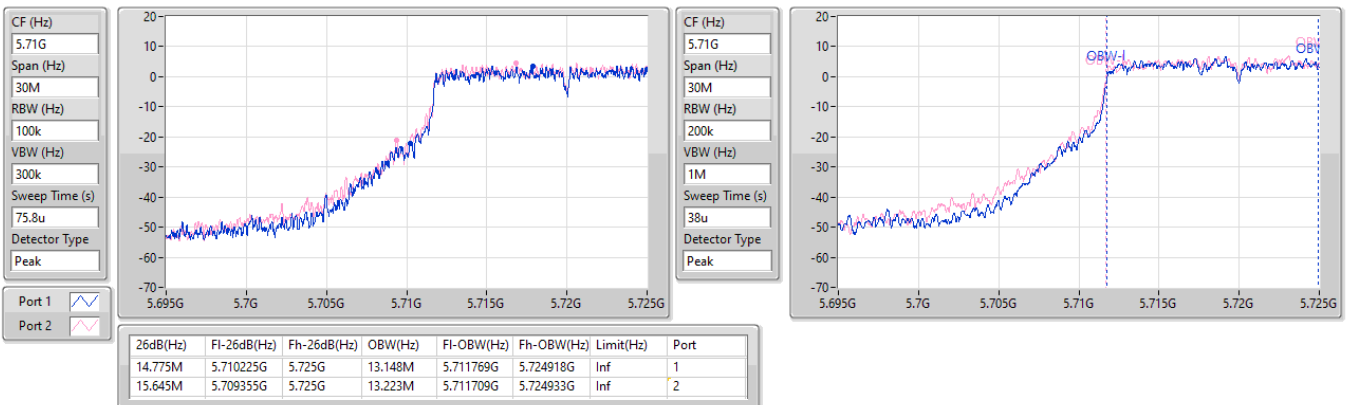


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

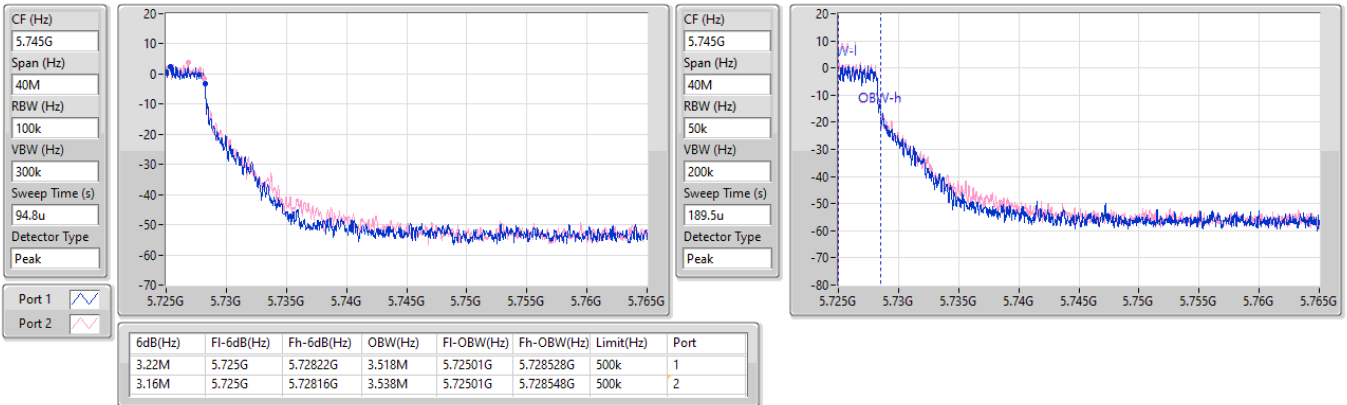
5720MHz Straddle 5.47-5.725GHz

19/12/2023

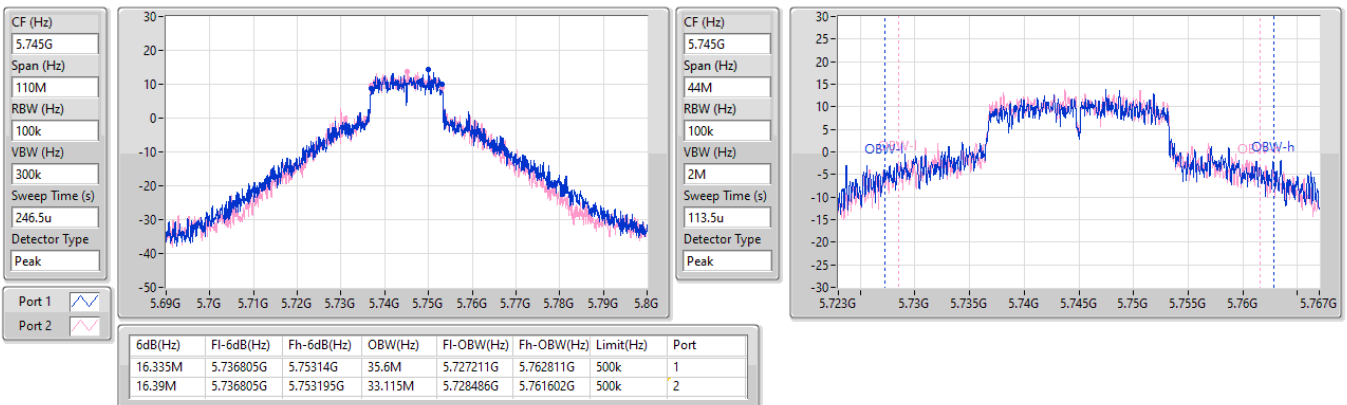


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

19/12/2023

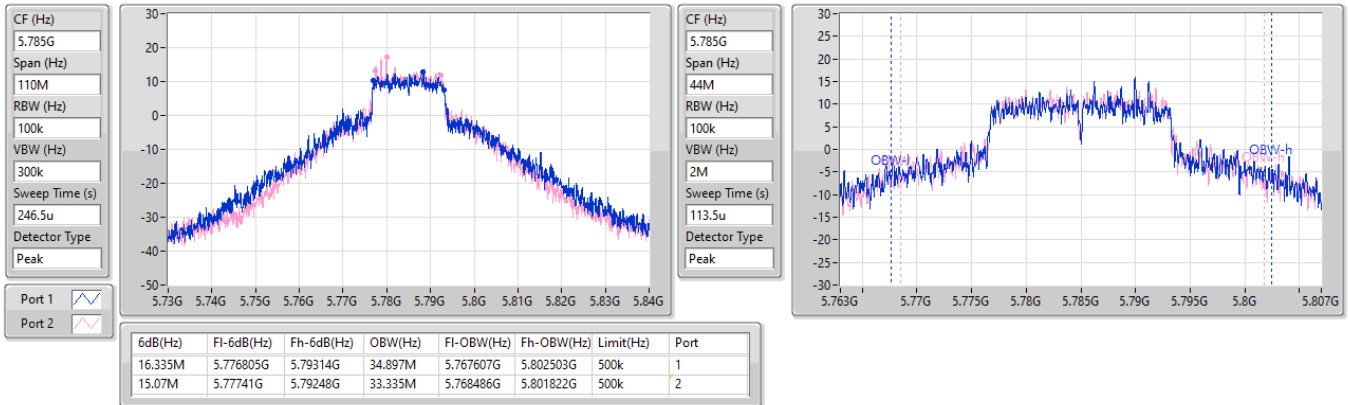

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

19/12/2023

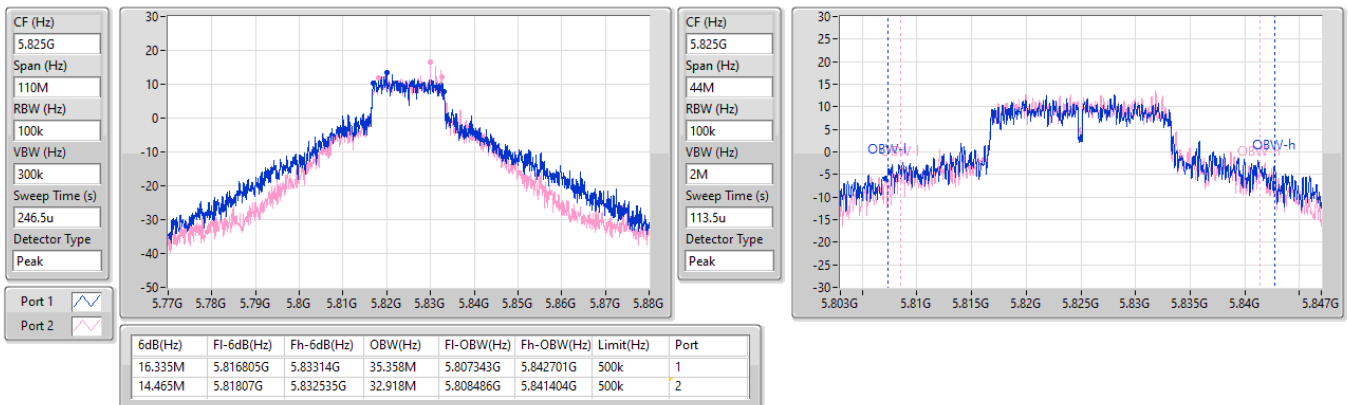


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

19/12/2023

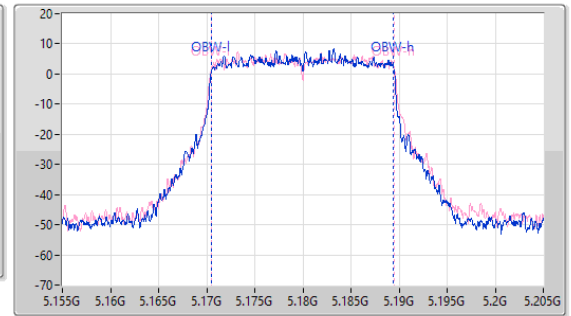
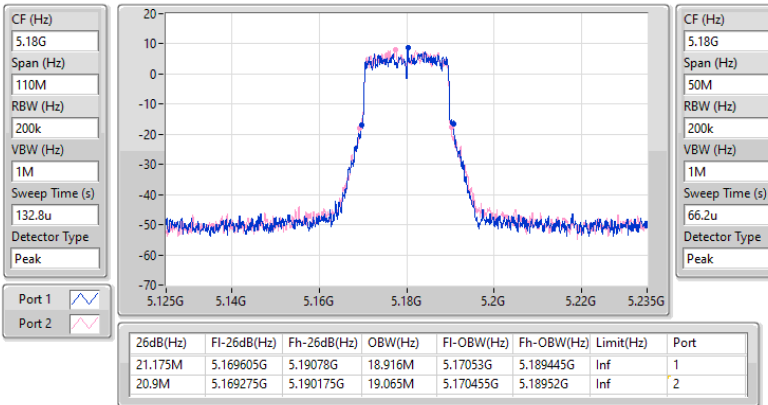

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

19/12/2023

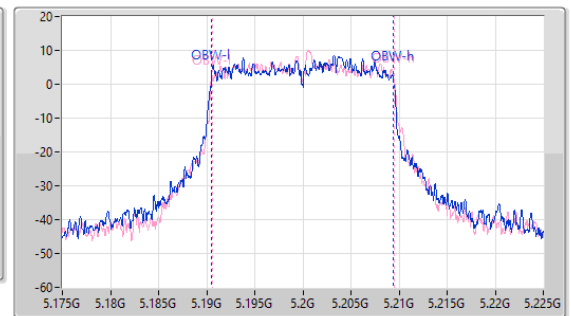
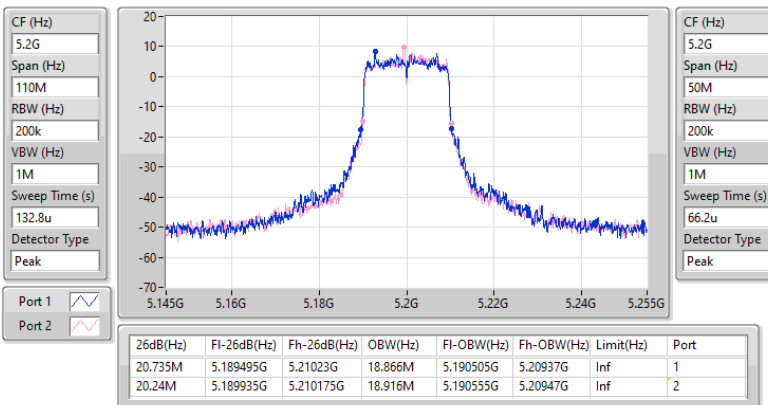


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

19/12/2023

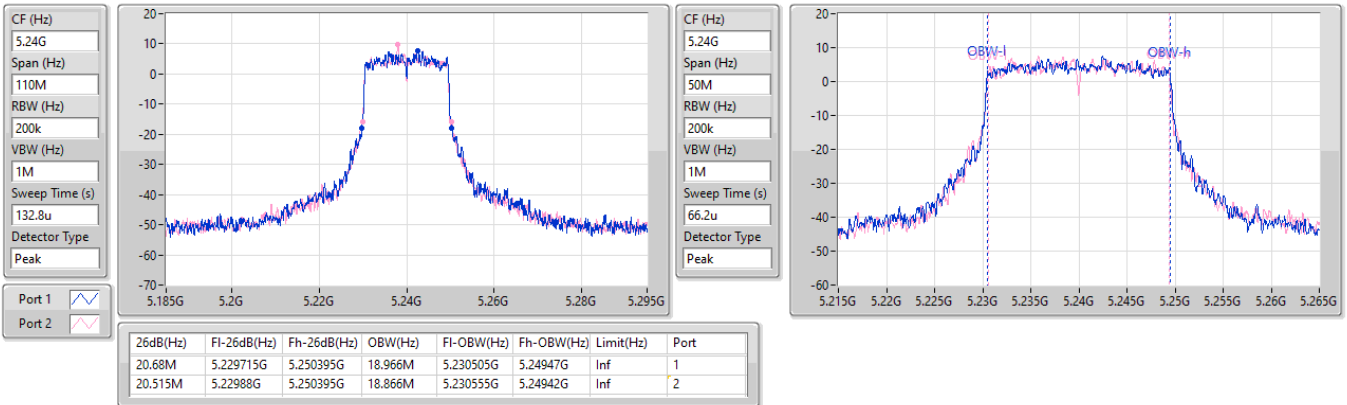

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EBW
5200MHz

19/12/2023

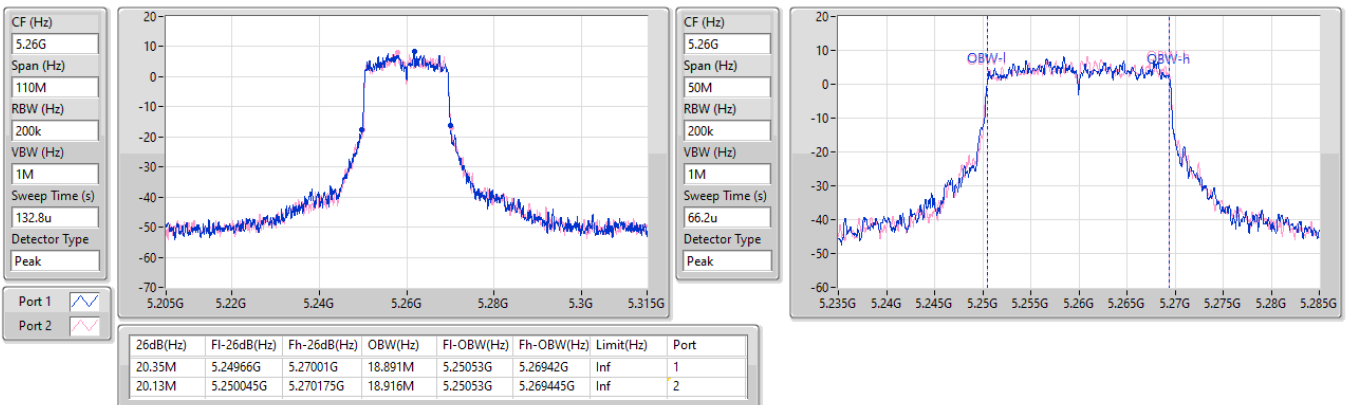


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

19/12/2023

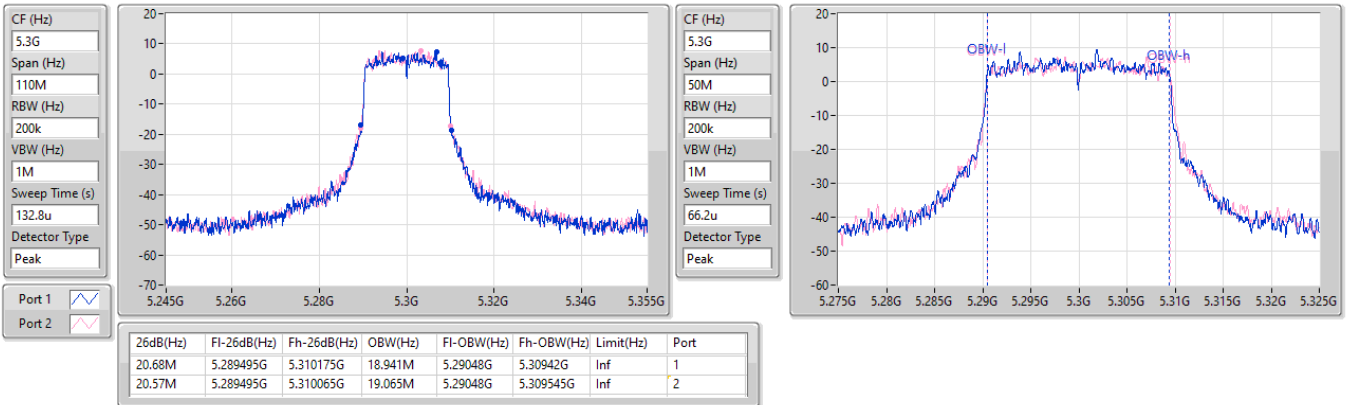

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

19/12/2023

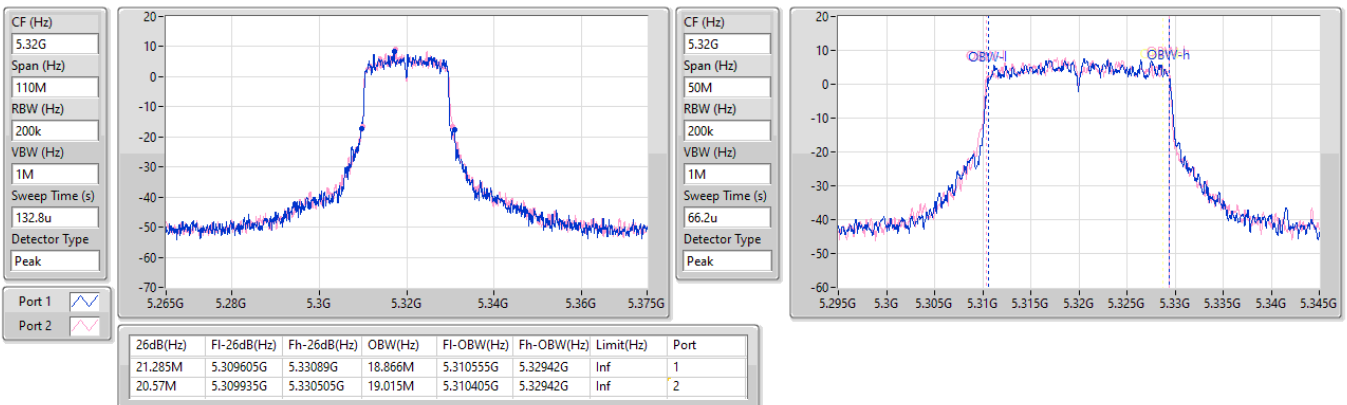


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5300MHz

19/12/2023

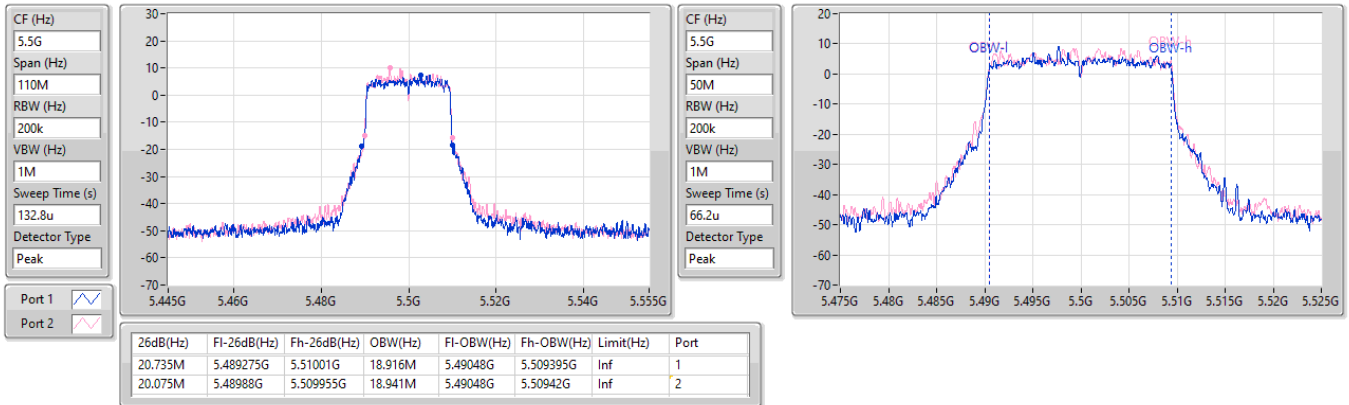

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5320MHz

19/12/2023

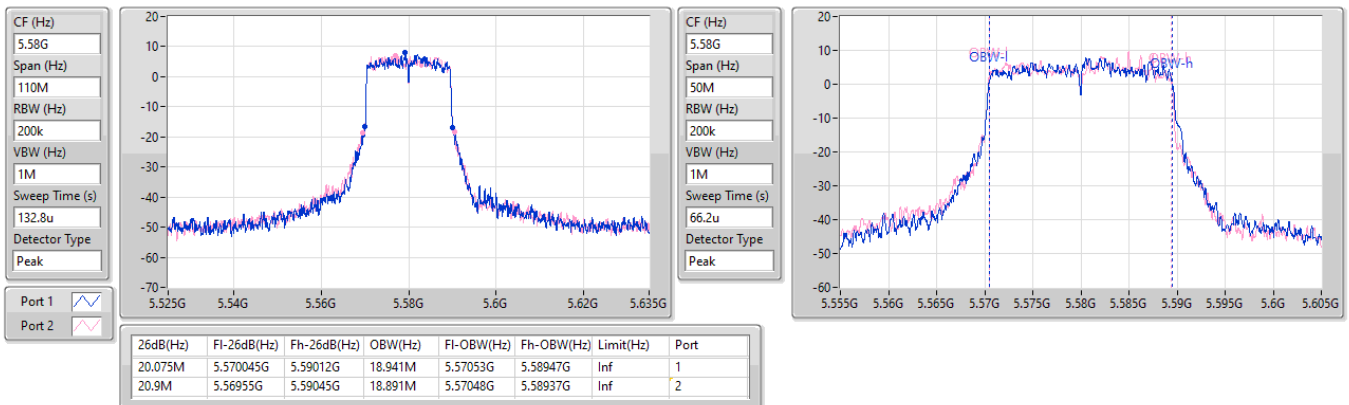


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5500MHz

19/12/2023

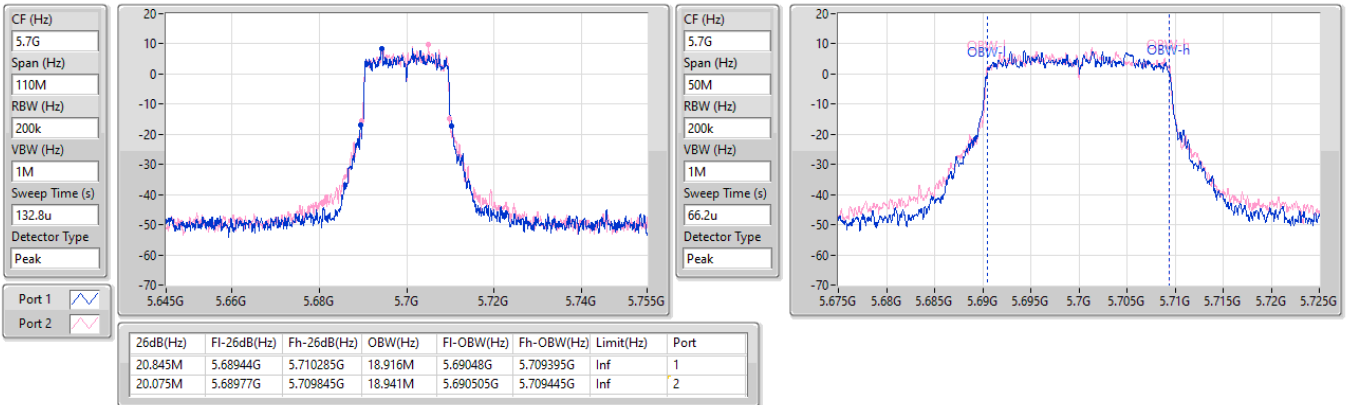

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

19/12/2023

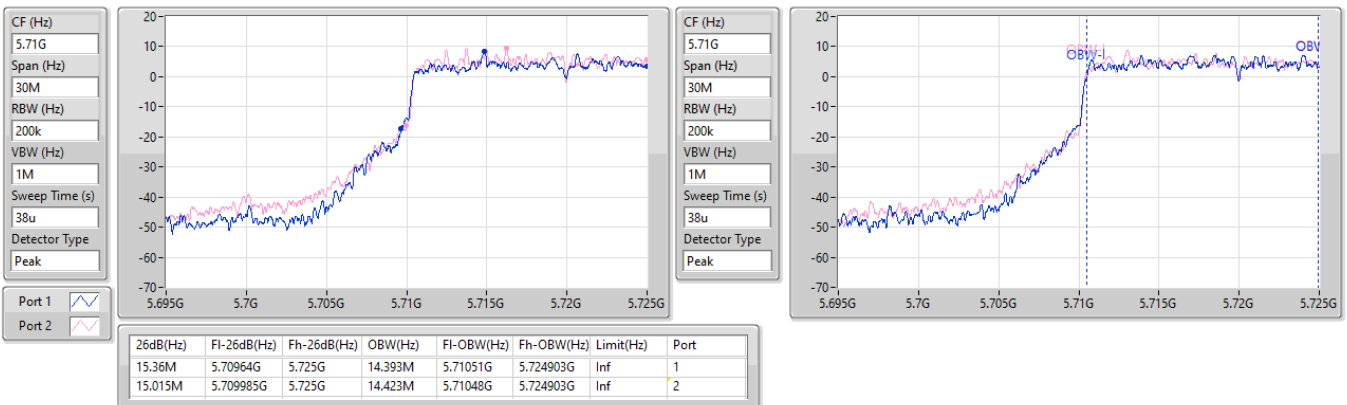


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

19/12/2023

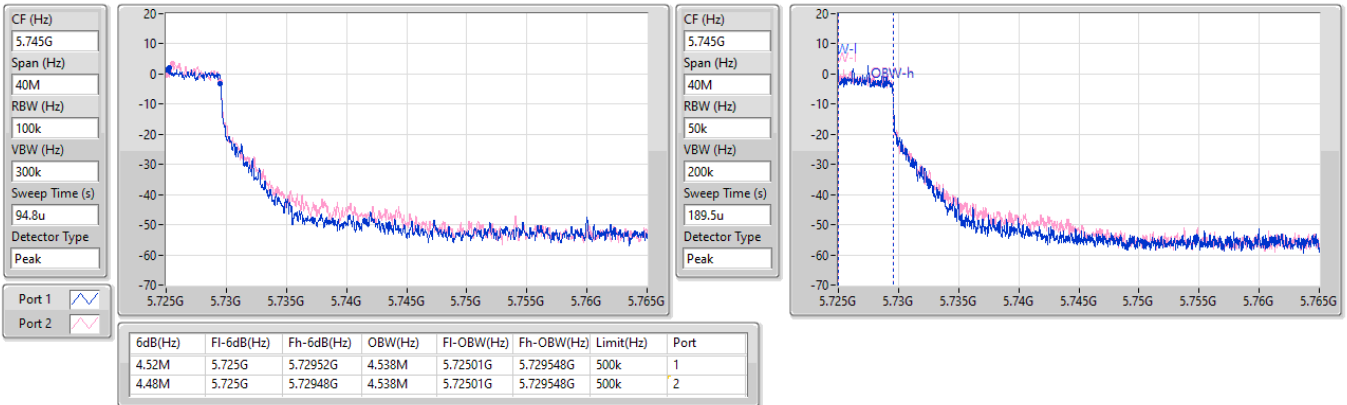

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

19/12/2023

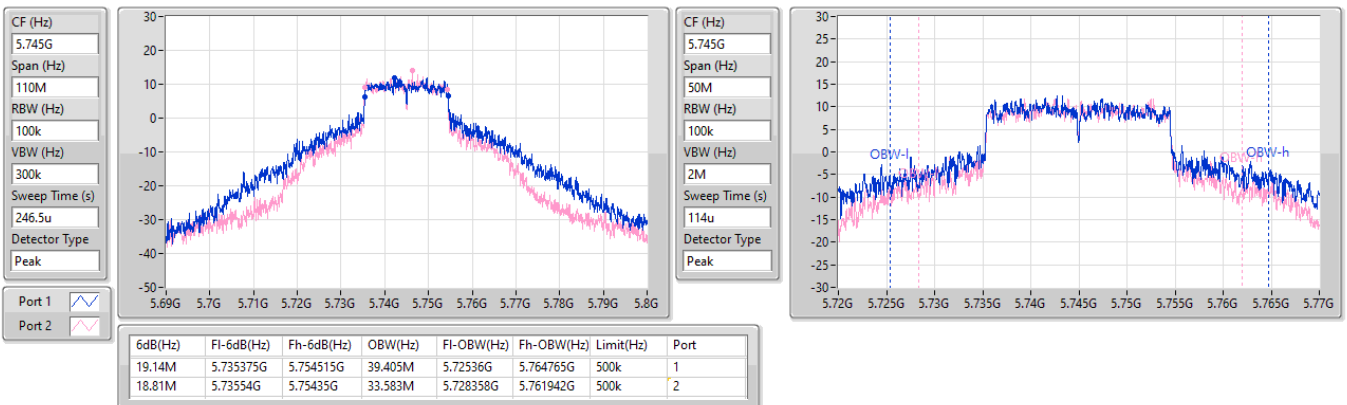


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

19/12/2023


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

19/12/2023

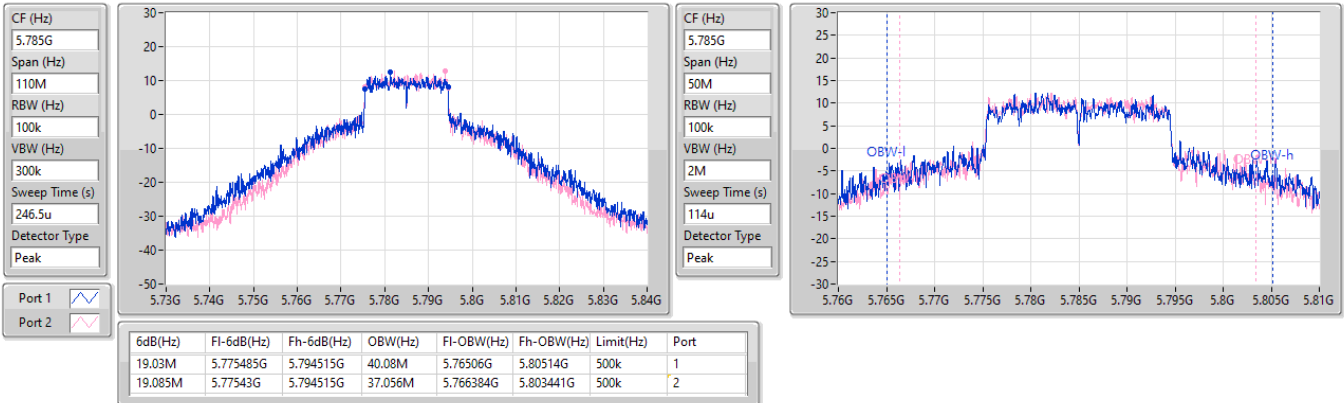


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

19/12/2023

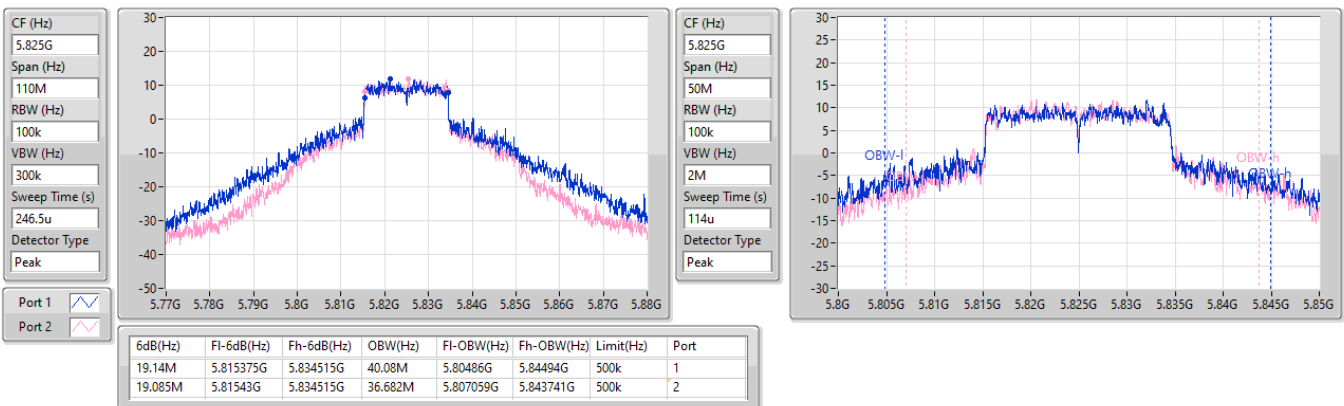


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

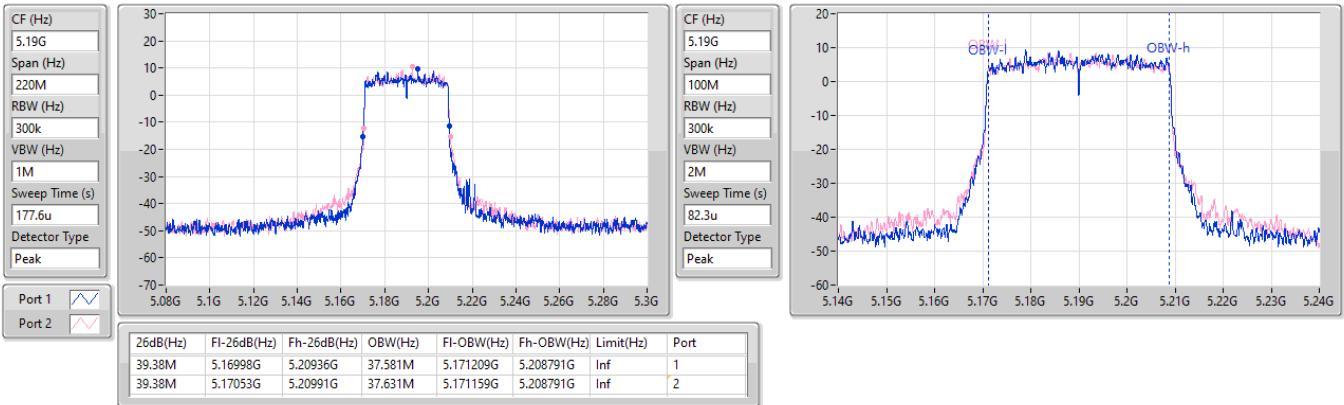
5825MHz

19/12/2023

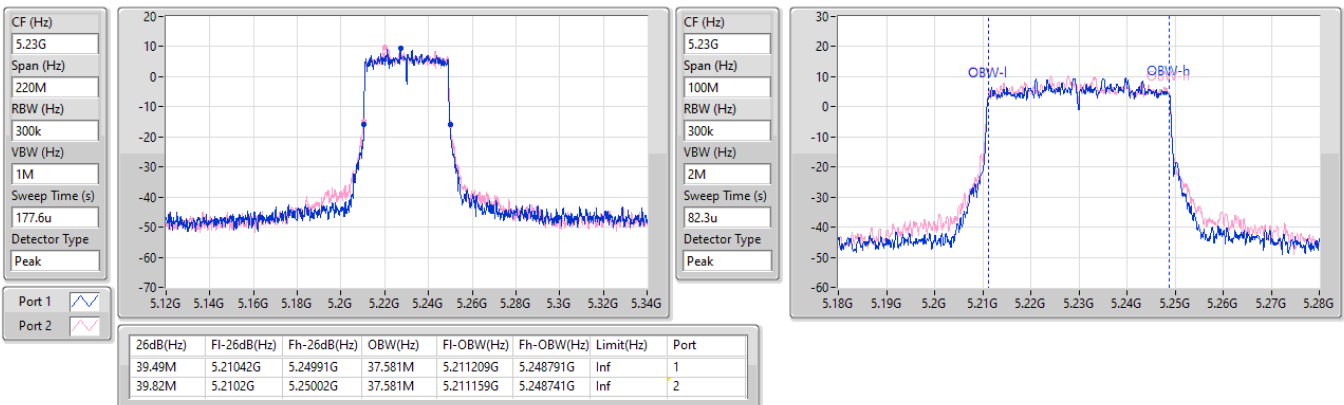


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

19/12/2023

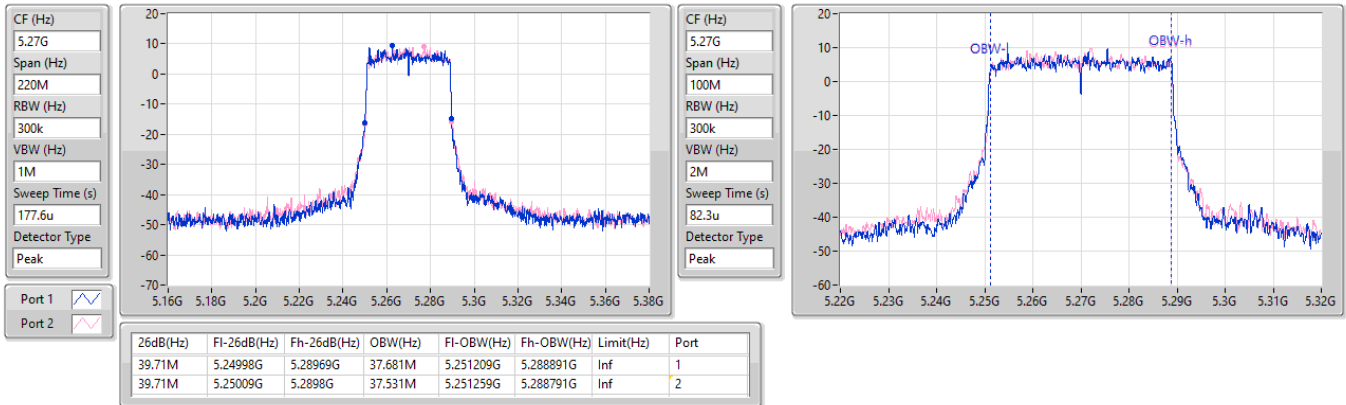

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

19/12/2023

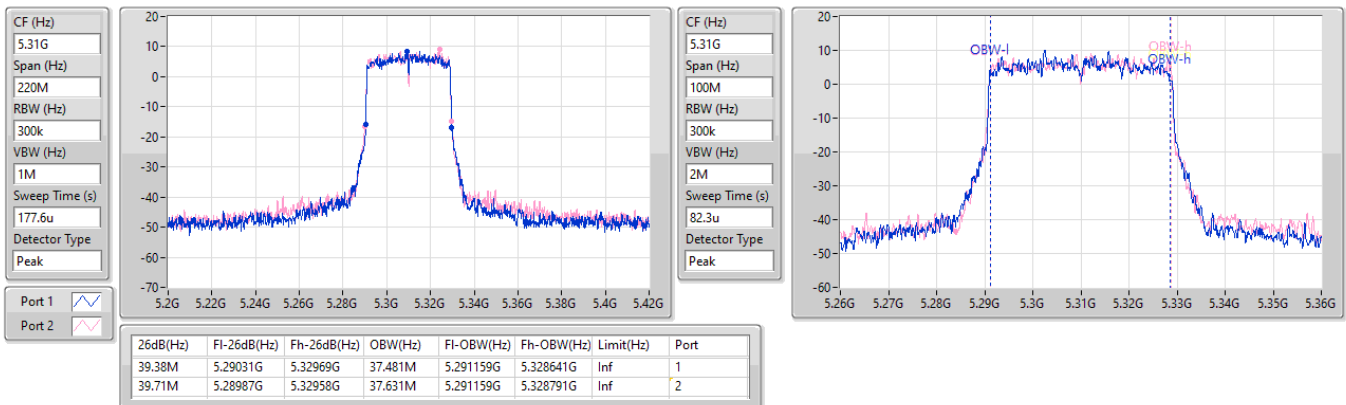


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX
EBW
5270MHz

19/12/2023

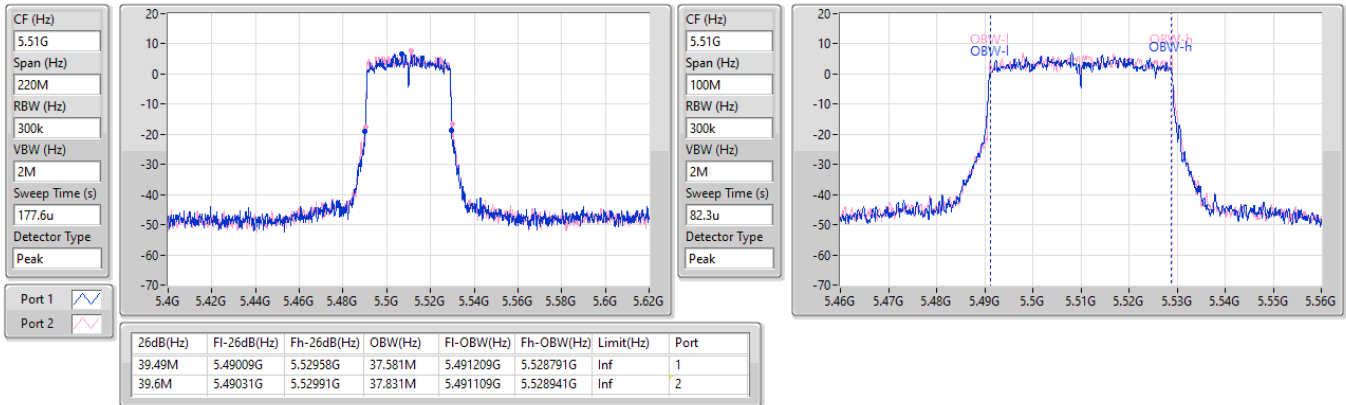

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX
EBW
5310MHz

19/12/2023

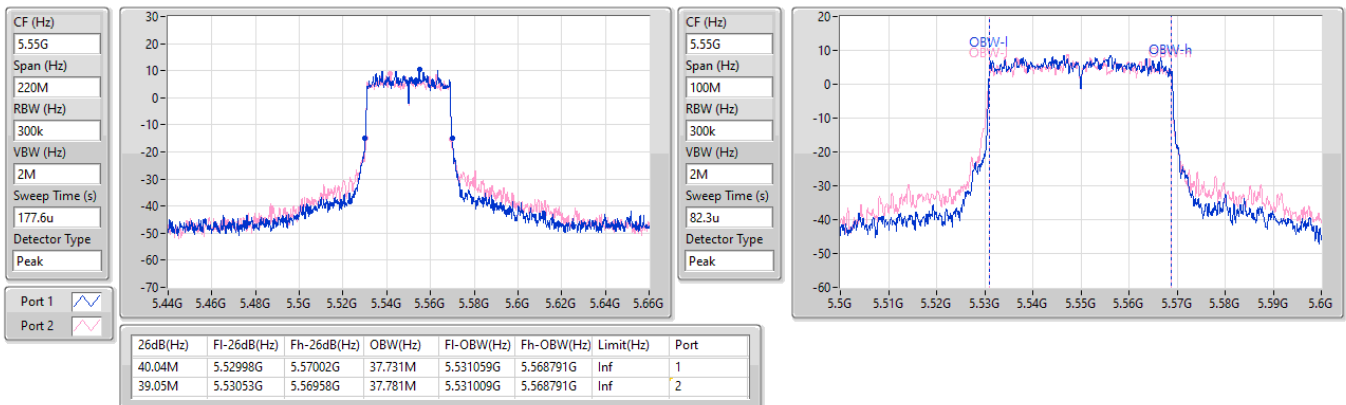


5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

19/12/2023


5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

19/12/2023

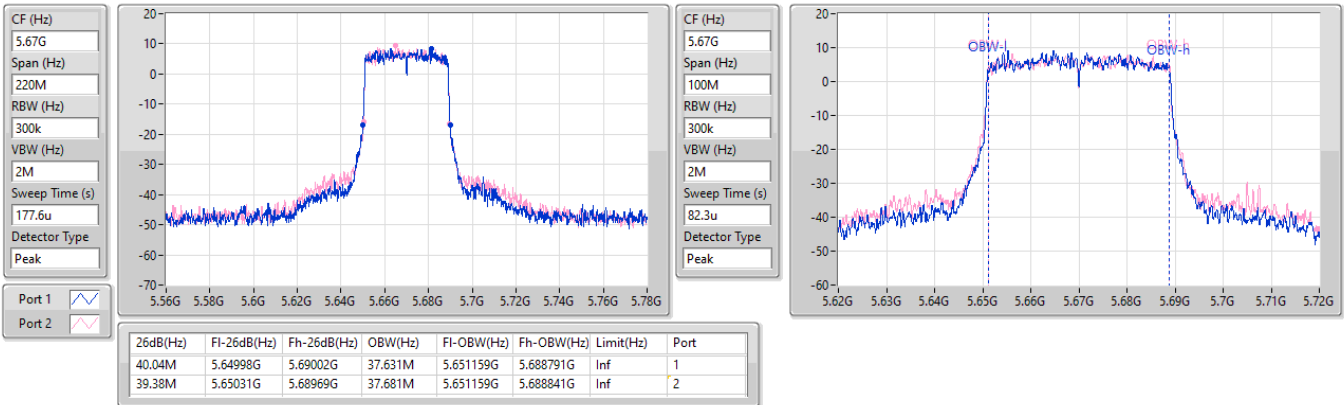


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

19/12/2023

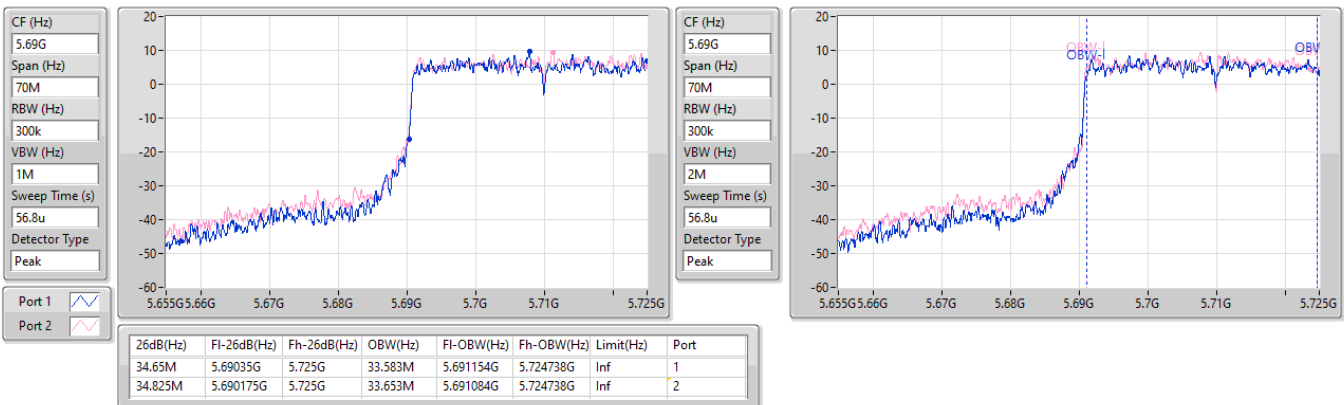


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

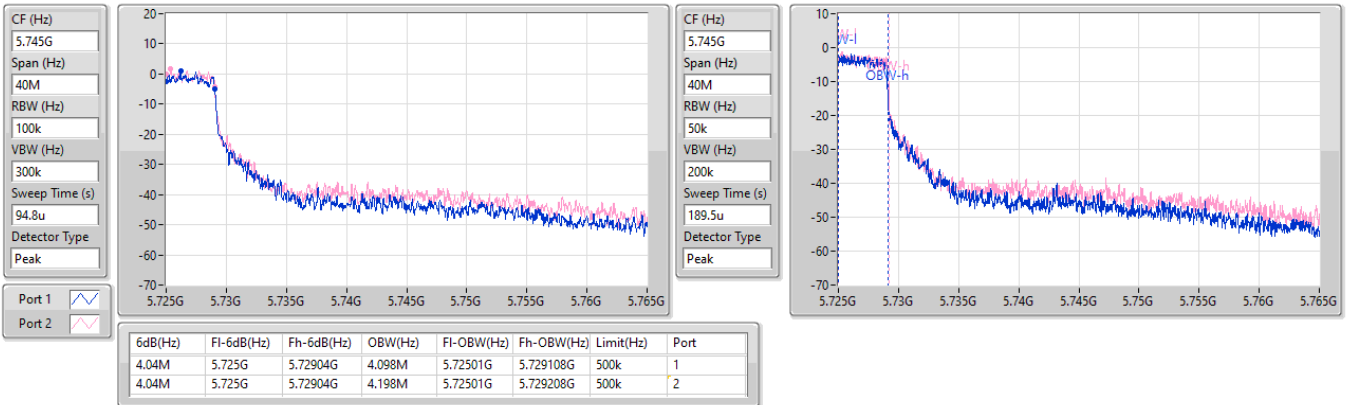
5710MHz Straddle 5.47-5.725GHz

19/12/2023

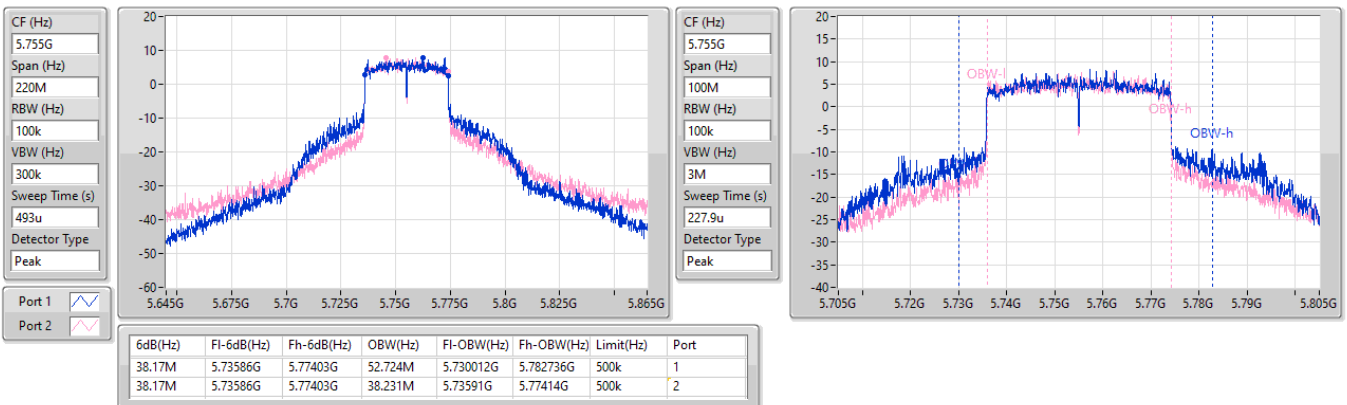


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

19/12/2023

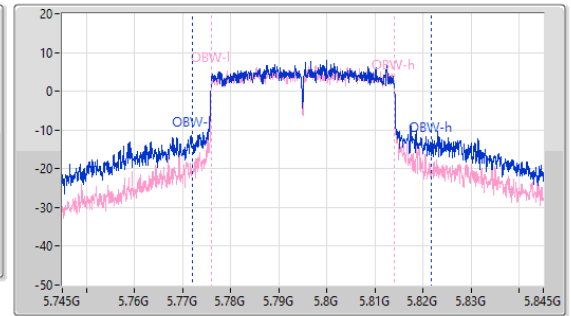
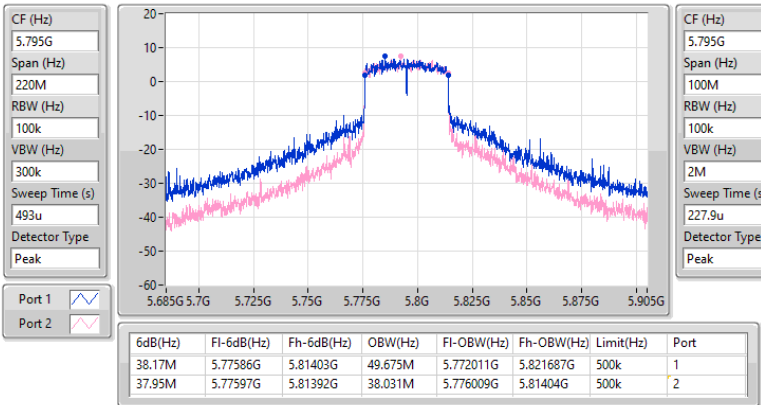

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

19/12/2023

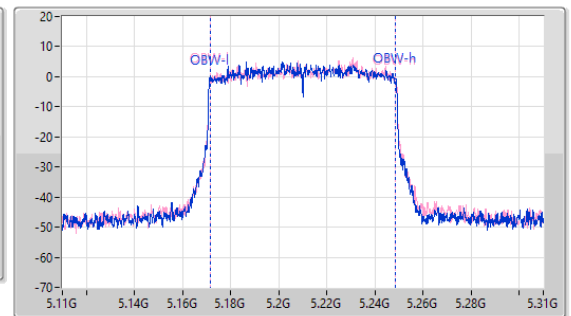
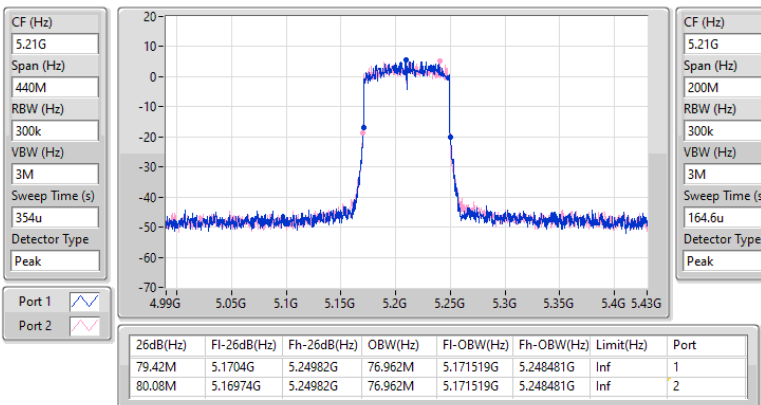


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

19/12/2023

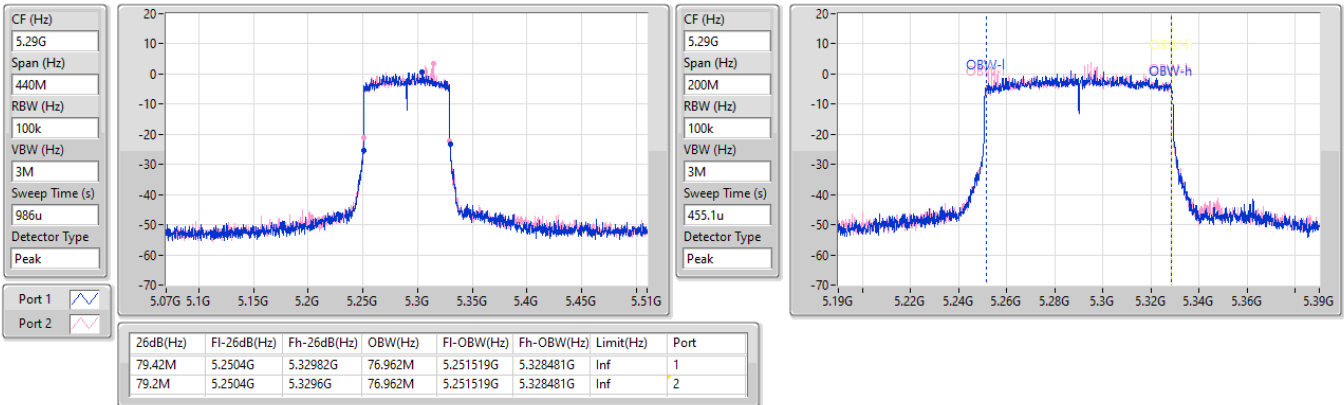

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

19/12/2023

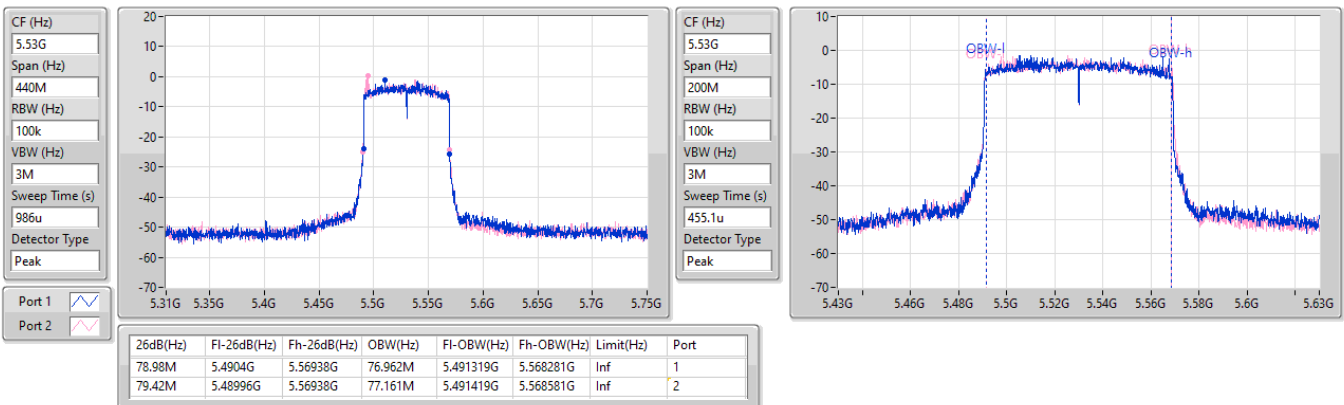


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

19/12/2023

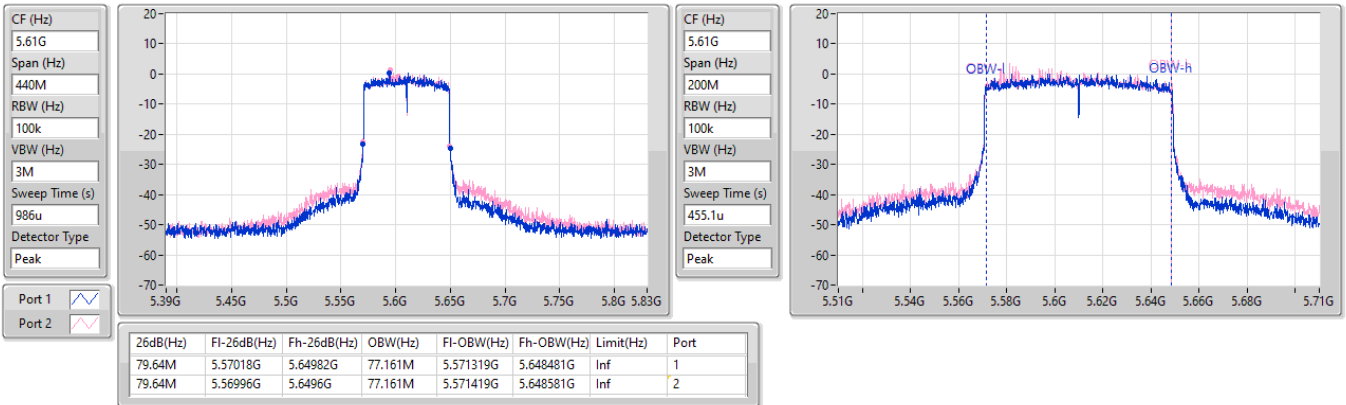

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

19/12/2023

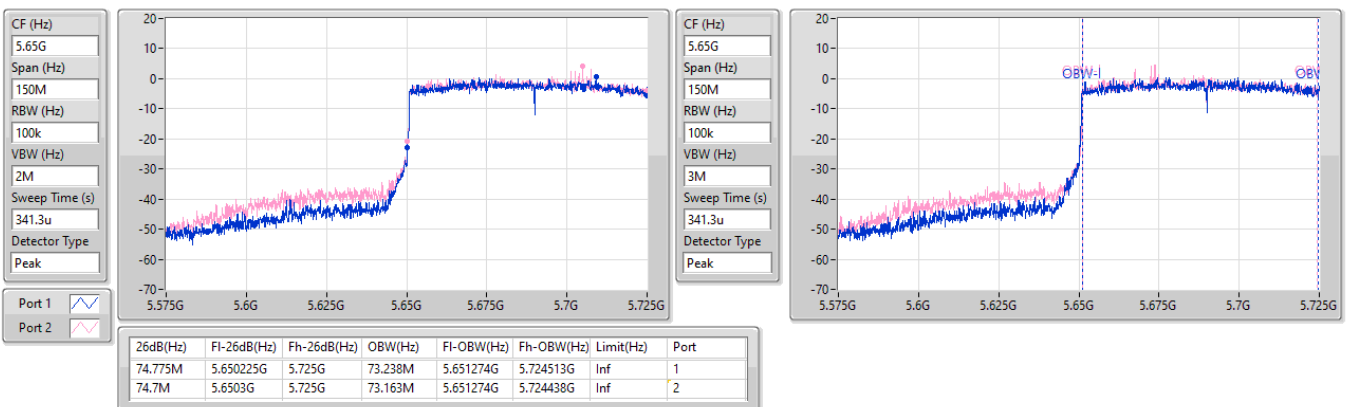


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5610MHz

19/12/2023

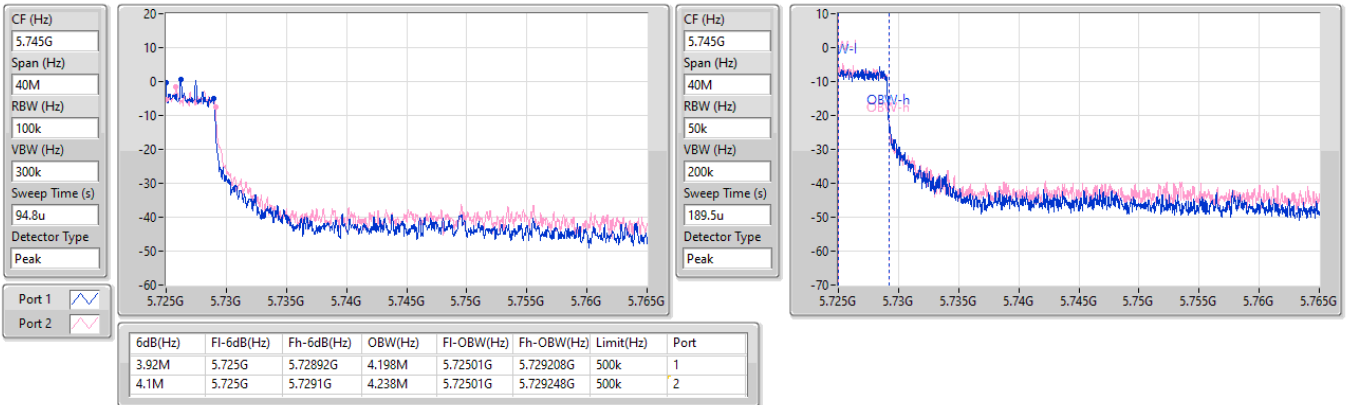

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

19/12/2023

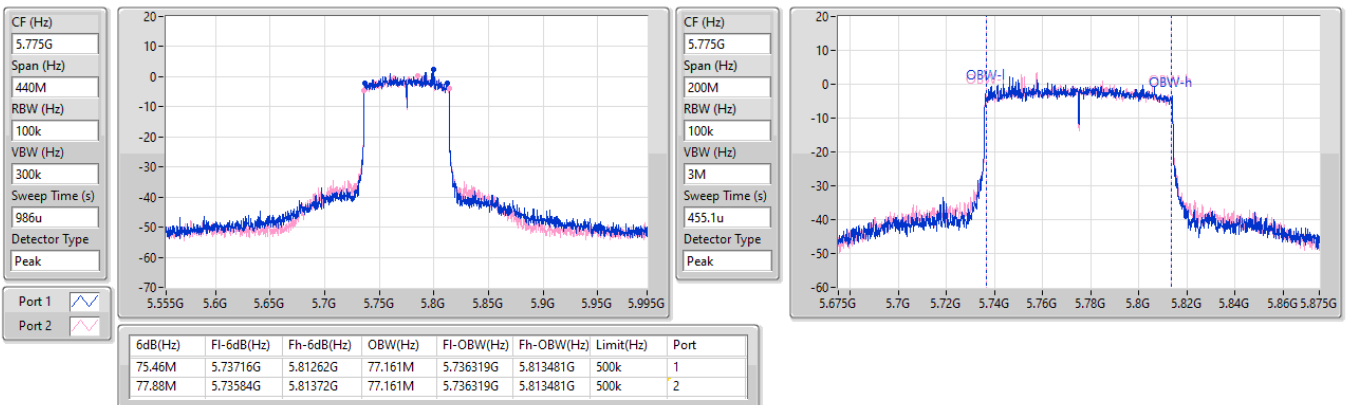


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

19/12/2023


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

19/12/2023



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.48	0.14060	26.48	0.44463
802.11ax HEW20_Nss1,(MCS0)_2TX	21.82	0.15205	26.82	0.48084
802.11ax HEW40_Nss1,(MCS0)_2TX	23.63	0.23067	28.63	0.72946
802.11ax HEW80_Nss1,(MCS0)_2TX	22.41	0.17418	27.41	0.55081
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.03	0.12677	26.03	0.40087
802.11ax HEW20_Nss1,(MCS0)_2TX	21.56	0.14322	26.56	0.45290
802.11ax HEW40_Nss1,(MCS0)_2TX	23.74	0.23659	28.74	0.74817
802.11ax HEW80_Nss1,(MCS0)_2TX	22.79	0.19011	27.79	0.60117
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.38	0.13740	26.38	0.43451
802.11ax HEW20_Nss1,(MCS0)_2TX	22.06	0.16069	27.06	0.50816
802.11ax HEW40_Nss1,(MCS0)_2TX	23.79	0.23933	28.79	0.75683
802.11ax HEW80_Nss1,(MCS0)_2TX	23.79	0.23933	28.79	0.75683
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	29.50	0.89125	34.50	2.81838
802.11ax HEW20_Nss1,(MCS0)_2TX	29.12	0.81658	34.12	2.58226
802.11ax HEW40_Nss1,(MCS0)_2TX	27.75	0.59566	32.75	1.88365
802.11ax HEW80_Nss1,(MCS0)_2TX	23.30	0.21380	28.30	0.67608

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	18.41	18.52	21.48	23.98	26.48	30.00
5200MHz	Pass	5.00	17.89	17.83	20.87	23.98	25.87	30.00
5240MHz	Pass	5.00	17.97	18.06	21.03	23.98	26.03	30.00
5260MHz	Pass	5.00	17.97	18.07	21.03	23.88	26.03	29.88
5300MHz	Pass	5.00	18.00	17.91	20.97	23.97	25.97	29.97
5320MHz	Pass	5.00	17.86	18.15	21.02	23.98	26.02	30.00
5500MHz	Pass	5.00	17.93	18.34	21.15	23.71	26.15	29.71
5580MHz	Pass	5.00	18.42	18.31	21.38	23.86	26.38	29.86
5700MHz	Pass	5.00	17.71	18.54	21.16	23.91	26.16	29.91
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	17.06	17.43	20.26	22.70	25.26	28.70
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	10.47	11.41	13.98	30.00	18.98	36.00
5745MHz	Pass	5.00	26.21	26.75	29.50	30.00	34.50	36.00
5785MHz	Pass	5.00	25.79	26.41	29.12	30.00	34.12	36.00
5825MHz	Pass	5.00	25.66	26.04	28.86	30.00	33.86	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	18.64	18.85	21.76	23.98	26.76	30.00
5200MHz	Pass	5.00	18.75	18.86	21.82	23.98	26.82	30.00
5240MHz	Pass	5.00	18.38	18.35	21.38	23.98	26.38	30.00
5260MHz	Pass	5.00	18.42	18.47	21.46	23.98	26.46	30.00
5300MHz	Pass	5.00	18.37	18.41	21.40	23.98	26.40	30.00
5320MHz	Pass	5.00	18.50	18.59	21.56	23.98	26.56	30.00
5500MHz	Pass	5.00	18.73	19.35	22.06	23.98	27.06	30.00
5580MHz	Pass	5.00	18.83	18.85	21.85	23.98	26.85	30.00
5700MHz	Pass	5.00	18.15	18.78	21.49	23.98	26.49	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	17.71	18.36	21.06	22.77	26.06	28.77
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	11.85	12.48	15.19	30.00	20.19	36.00
5745MHz	Pass	5.00	25.90	26.10	29.01	30.00	34.01	36.00
5785MHz	Pass	5.00	25.91	26.31	29.12	30.00	34.12	36.00
5825MHz	Pass	5.00	25.83	25.97	28.91	30.00	33.91	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.00	20.45	20.51	23.49	23.98	28.49	30.00
5230MHz	Pass	5.00	20.61	20.62	23.63	23.98	28.63	30.00
5270MHz	Pass	5.00	20.59	20.86	23.74	23.98	28.74	30.00
5310MHz	Pass	5.00	20.51	20.61	23.57	23.98	28.57	30.00
5510MHz	Pass	5.00	18.49	18.79	21.65	23.98	26.65	30.00
5550MHz	Pass	5.00	20.88	20.51	23.71	23.98	28.71	30.00
5670MHz	Pass	5.00	20.55	20.66	23.62	23.98	28.62	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	20.32	21.19	23.79	23.98	28.79	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	9.80	10.72	13.29	30.00	18.29	36.00
5755MHz	Pass	5.00	24.77	24.71	27.75	30.00	32.75	36.00
5795MHz	Pass	5.00	24.13	23.96	27.06	30.00	32.06	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.00	19.48	19.31	22.41	23.98	27.41	30.00
5290MHz	Pass	5.00	19.63	19.93	22.79	23.98	27.79	30.00
5530MHz	Pass	5.00	18.29	18.28	21.30	23.98	26.30	30.00
5610MHz	Pass	5.00	19.98	20.22	23.11	23.98	28.11	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	20.52	21.02	23.79	23.98	28.79	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	6.15	6.59	9.39	30.00	14.39	36.00
5775MHz	Pass	5.00	20.31	20.26	23.30	30.00	28.30	36.00

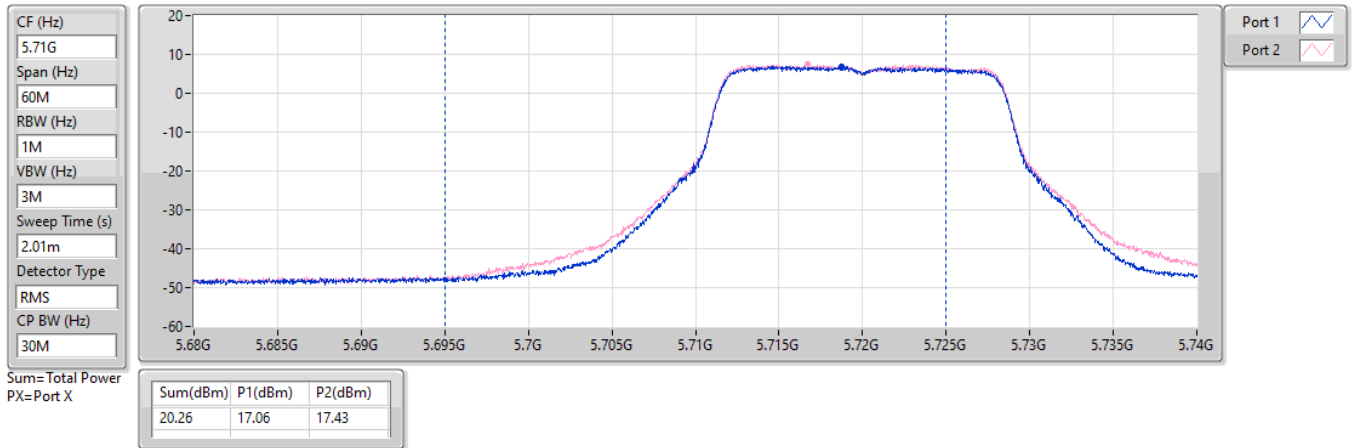
DG = Directional Gain; Port X = Port X output power

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

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

19/12/2023

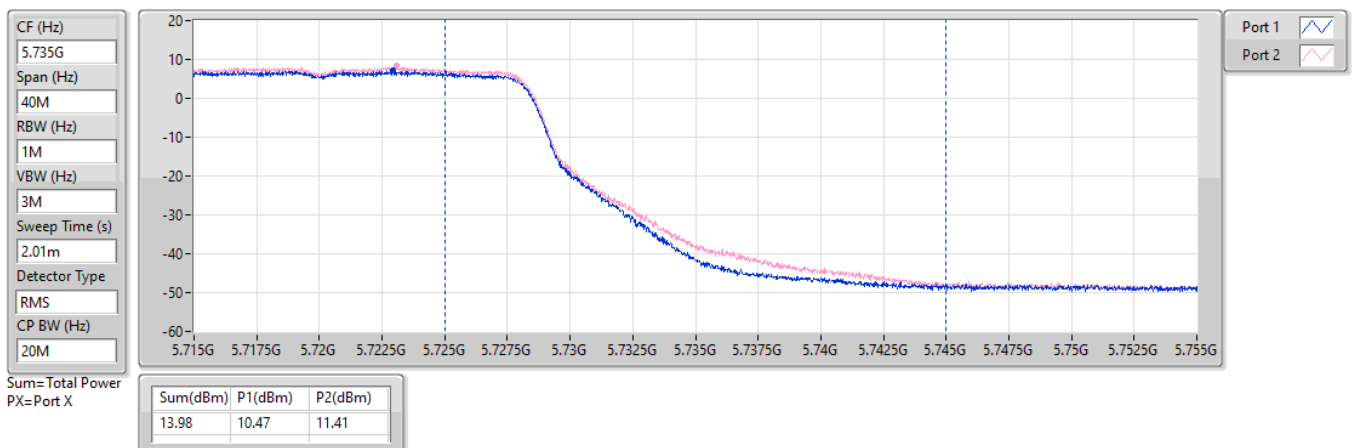


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

19/12/2023

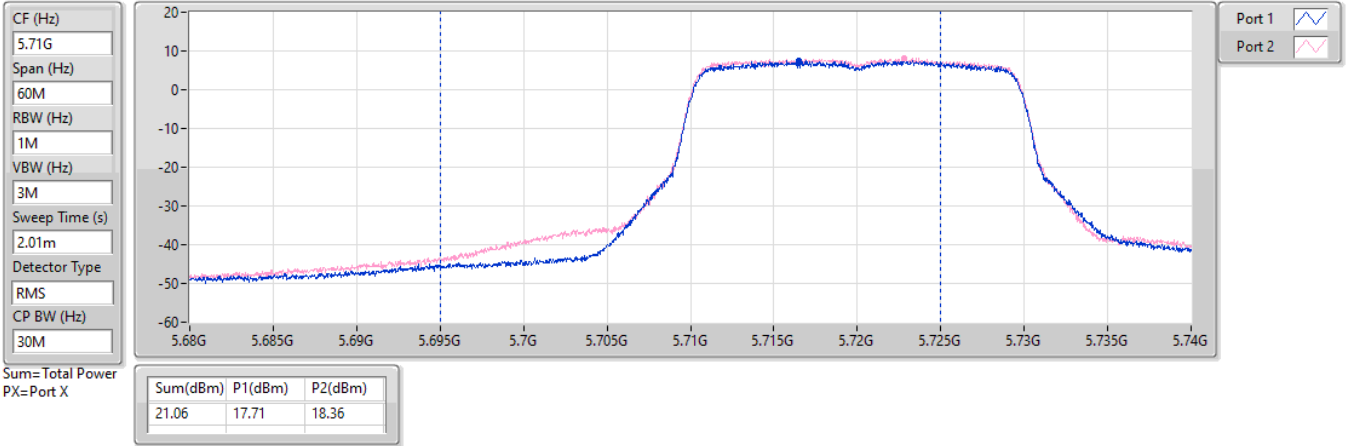


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

11/01/2024

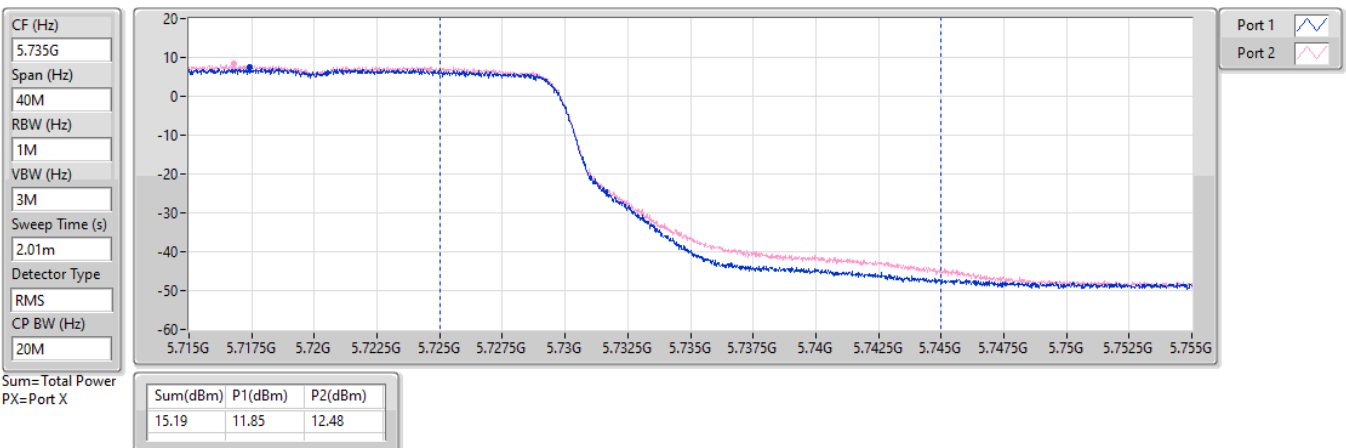


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

19/12/2023

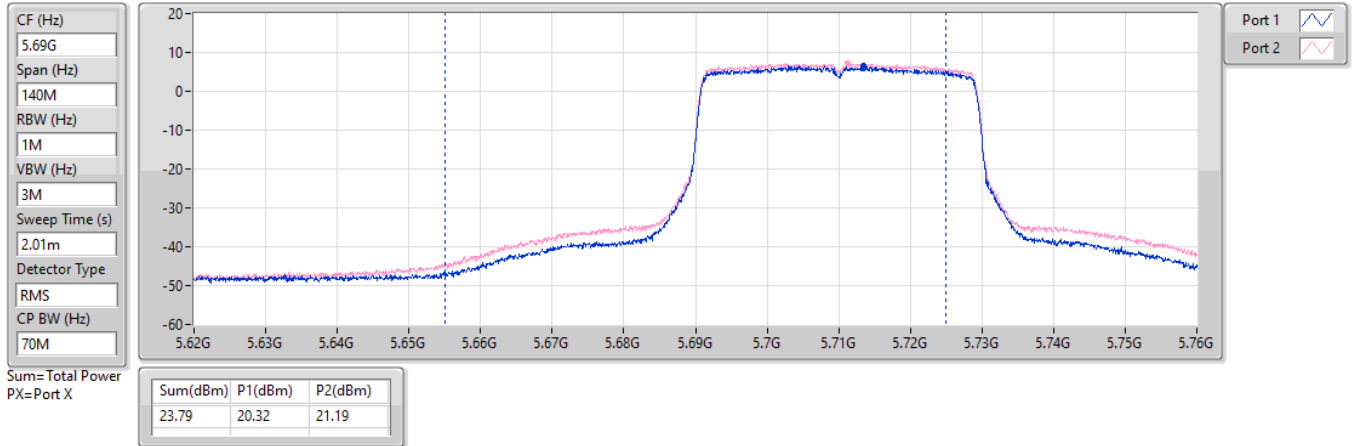


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

19/12/2023

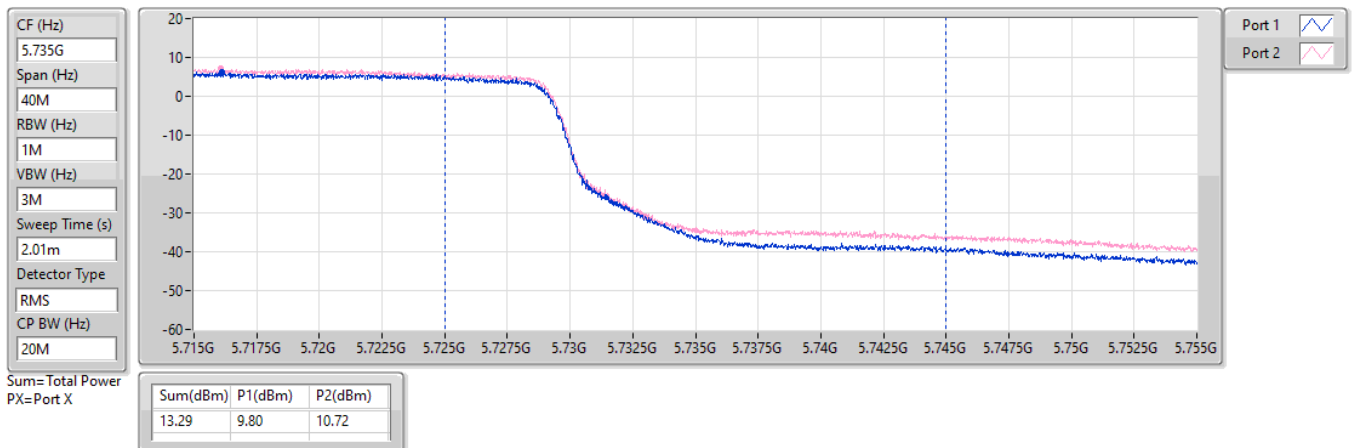


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

19/12/2023

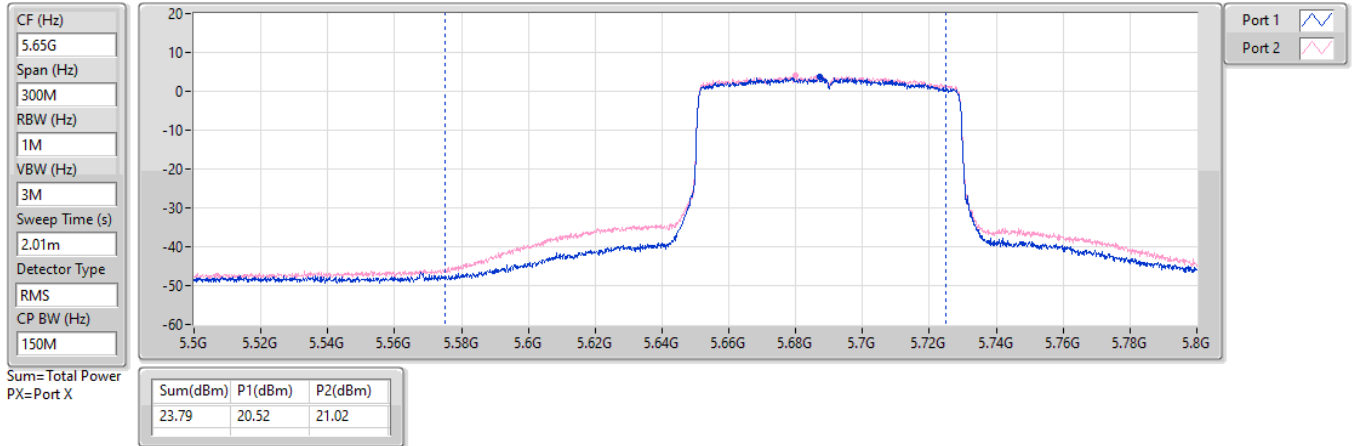


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

19/12/2023

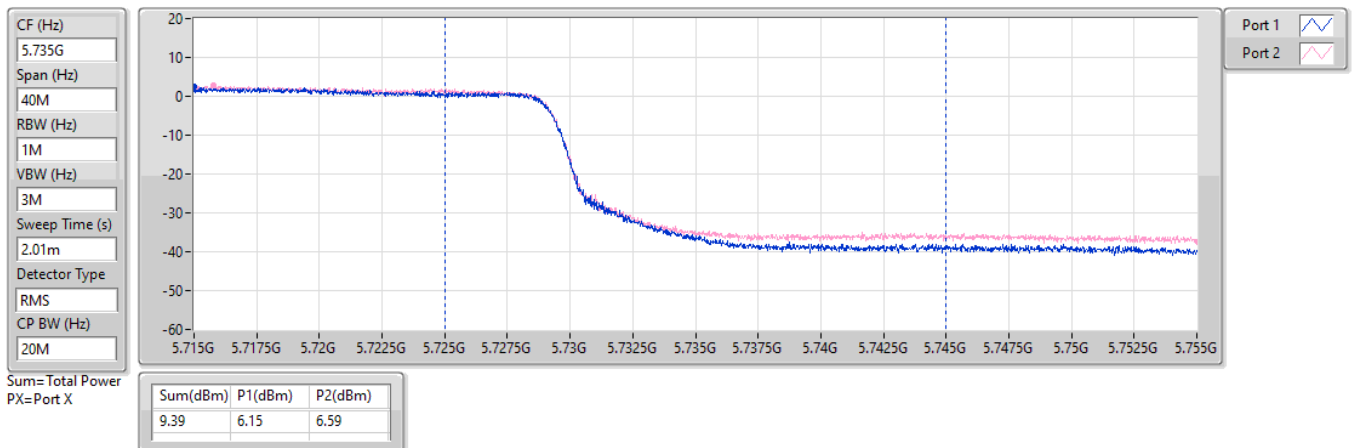


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

19/12/2023



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.90	16.91
802.11ax HEW20_Nss1,(MCS0)_2TX	8.91	16.92
802.11ax HEW40_Nss1,(MCS0)_2TX	7.78	15.79
802.11ax HEW80_Nss1,(MCS0)_2TX	3.60	11.61
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.59	16.60
802.11ax HEW20_Nss1,(MCS0)_2TX	8.70	16.71
802.11ax HEW40_Nss1,(MCS0)_2TX	7.83	15.84
802.11ax HEW80_Nss1,(MCS0)_2TX	4.21	12.22
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.78	16.79
802.11ax HEW20_Nss1,(MCS0)_2TX	8.96	16.97
802.11ax HEW40_Nss1,(MCS0)_2TX	7.94	15.95
802.11ax HEW80_Nss1,(MCS0)_2TX	4.88	12.89
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.41	23.42
802.11ax HEW20_Nss1,(MCS0)_2TX	14.66	22.67
802.11ax HEW40_Nss1,(MCS0)_2TX	10.32	18.33
802.11ax HEW80_Nss1,(MCS0)_2TX	3.05	11.06

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.01	5.88	6.14	8.90	8.99	16.91	17.00
5200MHz	Pass	8.01	5.70	5.66	8.56	8.99	16.57	17.00
5240MHz	Pass	8.01	5.68	5.76	8.60	8.99	16.61	17.00
5260MHz	Pass	8.01	5.68	5.76	8.59	8.99	16.60	17.00
5300MHz	Pass	8.01	5.62	5.70	8.58	8.99	16.59	17.00
5320MHz	Pass	8.01	5.48	5.79	8.50	8.99	16.51	17.00
5500MHz	Pass	8.01	5.34	5.81	8.51	8.99	16.52	17.00
5580MHz	Pass	8.01	5.82	5.87	8.74	8.99	16.75	17.00
5700MHz	Pass	8.01	5.27	6.21	8.78	8.99	16.79	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	5.24	6.11	8.60	8.99	16.61	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	3.38	3.95	6.62	27.99	14.63	36.00
5745MHz	Pass	8.01	12.20	12.72	15.41	27.99	23.42	36.00
5785MHz	Pass	8.01	11.84	12.50	14.98	27.99	22.99	36.00
5825MHz	Pass	8.01	11.51	12.04	14.78	27.99	22.79	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.01	5.71	5.98	8.84	8.99	16.85	17.00
5200MHz	Pass	8.01	5.90	6.03	8.91	8.99	16.92	17.00
5240MHz	Pass	8.01	5.52	5.57	8.54	8.99	16.55	17.00
5260MHz	Pass	8.01	5.43	5.65	8.55	8.99	16.56	17.00
5300MHz	Pass	8.01	5.62	5.65	8.61	8.99	16.62	17.00
5320MHz	Pass	8.01	5.54	5.84	8.70	8.99	16.71	17.00
5500MHz	Pass	8.01	5.76	6.30	8.96	8.99	16.97	17.00
5580MHz	Pass	8.01	5.88	5.84	8.83	8.99	16.84	17.00
5700MHz	Pass	8.01	5.31	6.00	8.64	8.99	16.65	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	5.36	6.03	8.68	8.99	16.69	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	3.07	3.83	6.44	27.99	14.45	36.00
5745MHz	Pass	8.01	11.71	11.67	14.66	27.99	22.67	36.00
5785MHz	Pass	8.01	11.35	11.80	14.58	27.99	22.59	36.00
5825MHz	Pass	8.01	11.18	11.41	14.25	27.99	22.26	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.01	4.49	4.79	7.63	8.99	15.64	17.00
5230MHz	Pass	8.01	4.67	4.92	7.78	8.99	15.79	17.00
5270MHz	Pass	8.01	4.71	4.98	7.80	8.99	15.81	17.00
5310MHz	Pass	8.01	4.67	5.05	7.83	8.99	15.84	17.00
5510MHz	Pass	8.01	2.57	2.97	5.66	8.99	13.67	17.00
5550MHz	Pass	8.01	4.92	4.71	7.75	8.99	15.76	17.00
5670MHz	Pass	8.01	4.87	5.12	7.94	8.99	15.95	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	4.53	5.36	7.93	8.99	15.94	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.01	1.71	2.49	5.13	27.99	13.14	36.00
5755MHz	Pass	8.01	7.34	7.38	10.32	27.99	18.33	36.00
5795MHz	Pass	8.01	6.70	6.72	9.70	27.99	17.71	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.01	0.63	0.55	3.60	8.99	11.61	17.00
5290MHz	Pass	8.01	1.12	1.27	4.21	8.99	12.22	17.00
5530MHz	Pass	8.01	-0.66	-0.62	2.34	8.99	10.35	17.00
5610MHz	Pass	8.01	1.18	1.50	4.29	8.99	12.30	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	1.63	2.14	4.88	8.99	12.89	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.01	-2.42	-1.69	0.94	27.99	8.95	36.00
5775MHz	Pass	8.01	0.11	0.06	3.05	27.99	11.06	36.00

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

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

PSD

5180MHz

19/12/2023

CF (Hz)
5.18G

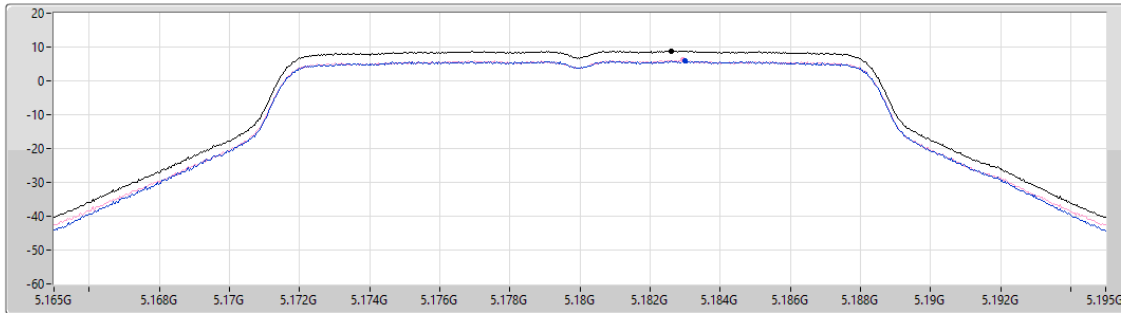
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	5.88	6.14

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

PSD

5200MHz

19/12/2023

CF (Hz)
5.2G

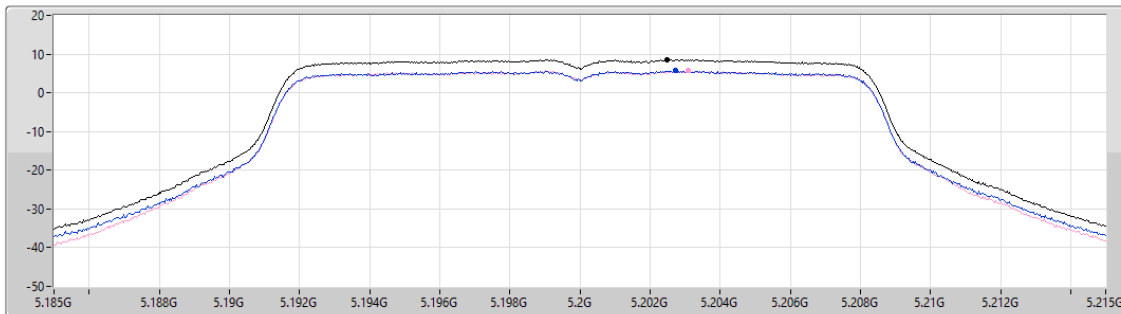
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	5.70	5.66

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

PSD

5240MHz

19/12/2023

CF (Hz)
5.24G

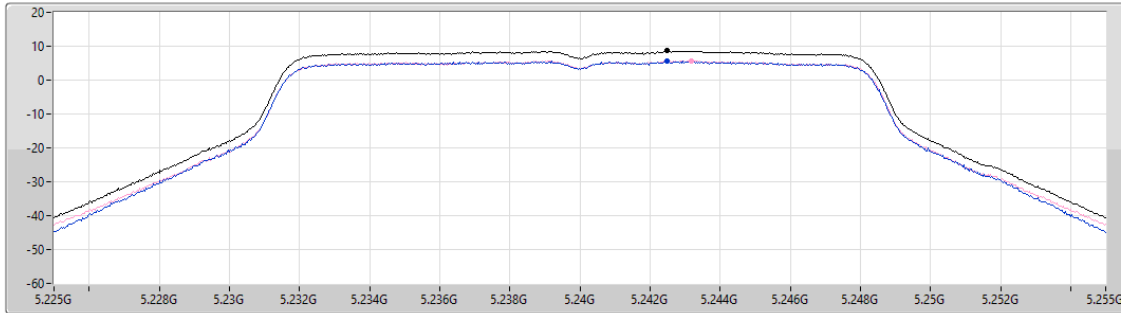
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	5.68	5.76

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

PSD

5260MHz

19/12/2023

CF (Hz)
5.26G

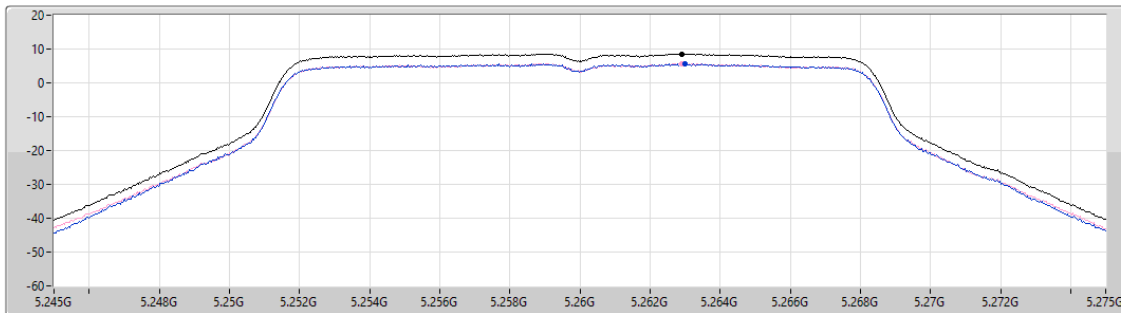
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	5.68	5.76

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

PSD

5300MHz

19/12/2023

CF (Hz)
5.3G

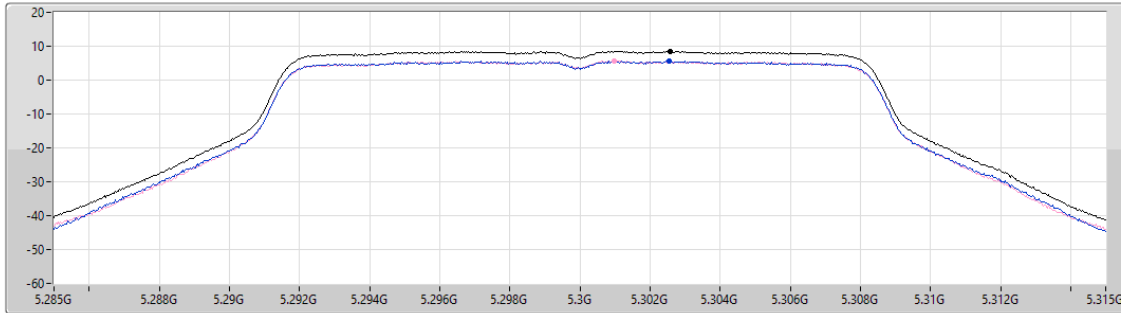
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	5.62	5.70

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

PSD

5320MHz

19/12/2023

CF (Hz)
5.32G

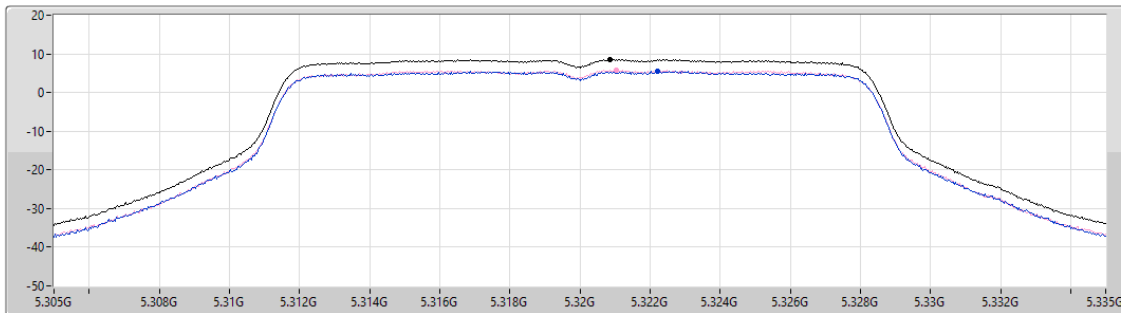
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.48	5.79

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

PSD

5500MHz

19/12/2023

CF (Hz)
5.5G

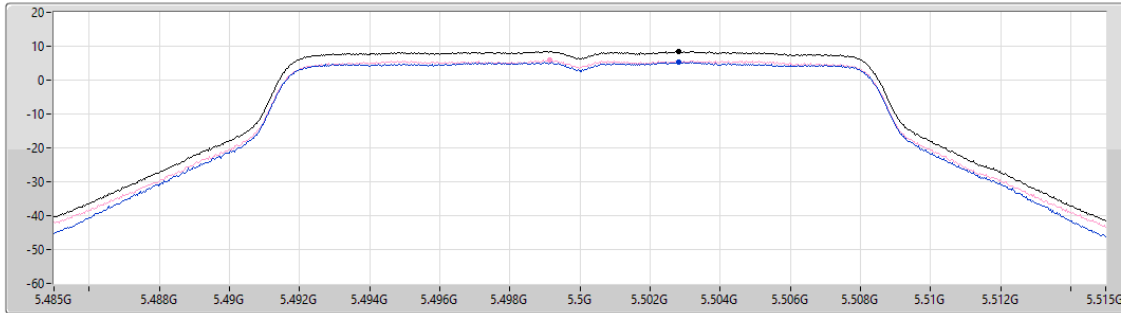
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	5.34	5.81

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

PSD

5580MHz

19/12/2023

CF (Hz)
5.58G

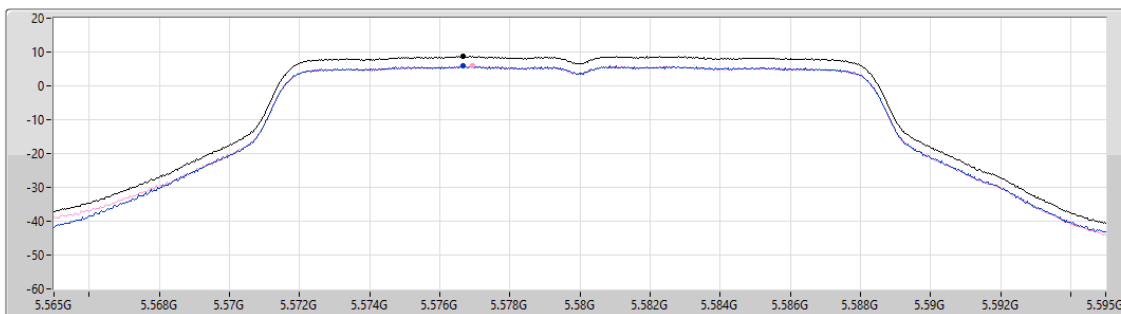
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	5.82	5.87

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

PSD

5700MHz

19/12/2023

CF (Hz)
5.7G

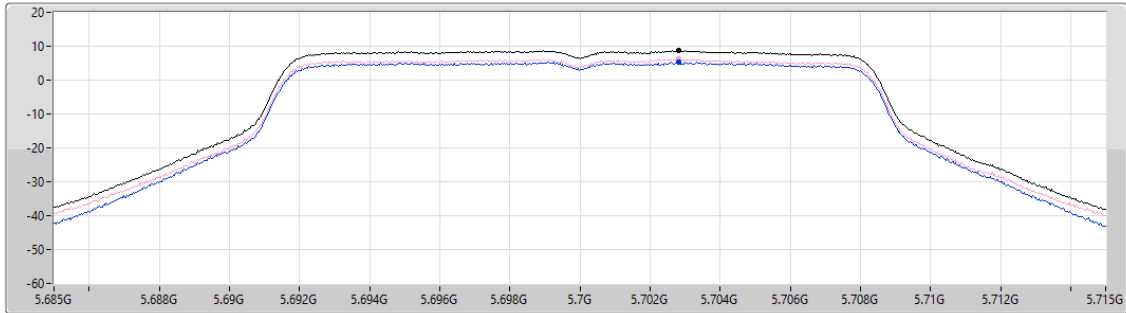
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.78	8.78	5.27	6.21

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

PSD

5720MHz Straddle 5.47-5.725GHz

19/12/2023

CF (Hz)
5.71G

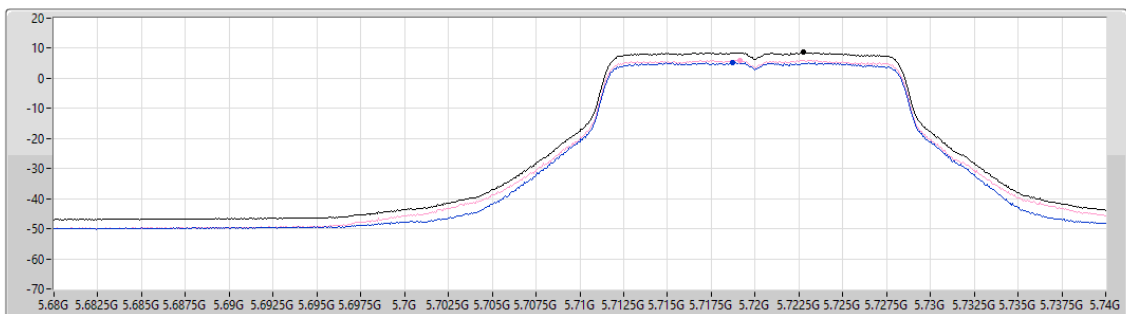
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum 

Port 1 

Port 2 

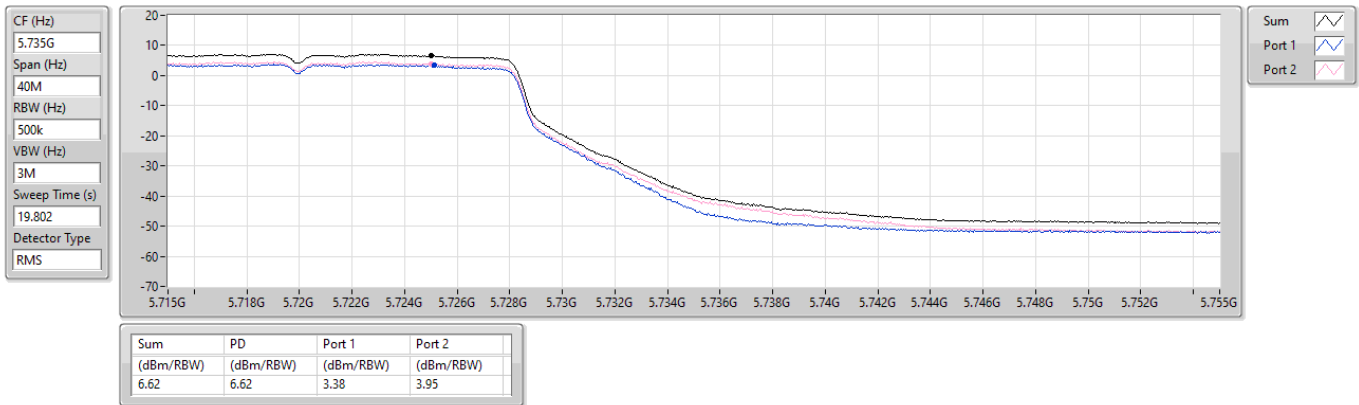
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.60	8.60	5.24	6.11

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

PSD

5720MHz Straddle 5.725-5.85GHz

19/12/2023

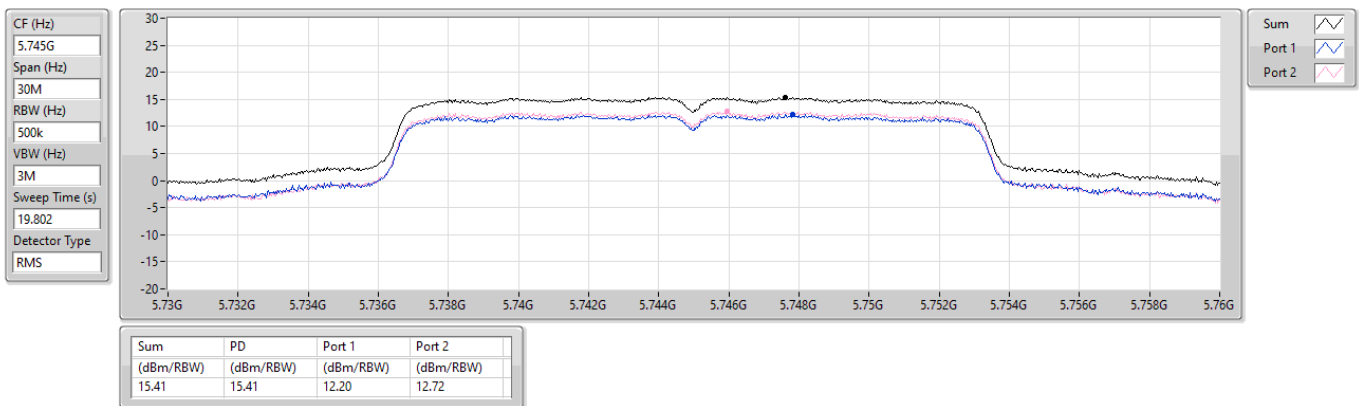


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

19/12/2023



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

PSD

5785MHz

19/12/2023

CF (Hz)
5.785G

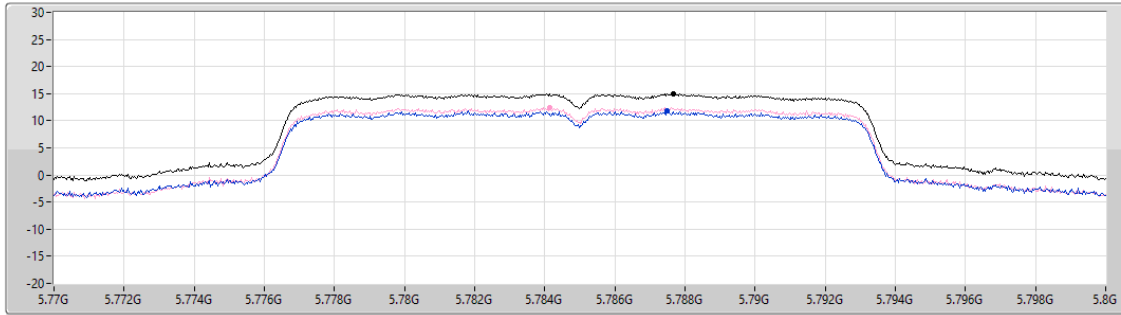
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
14.98	14.98	11.84	12.50

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

PSD

5825MHz

19/12/2023

CF (Hz)
5.825G

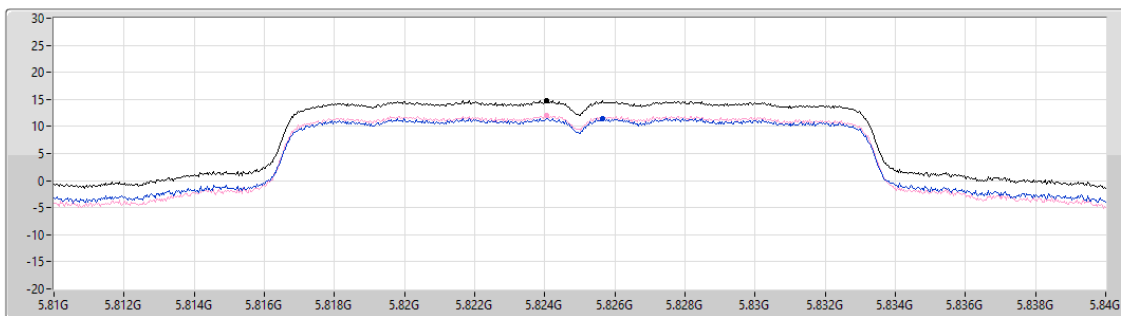
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.802

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
14.78	14.78	11.51	12.04

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

PSD

5180MHz

19/12/2023

CF (Hz)
5.18G

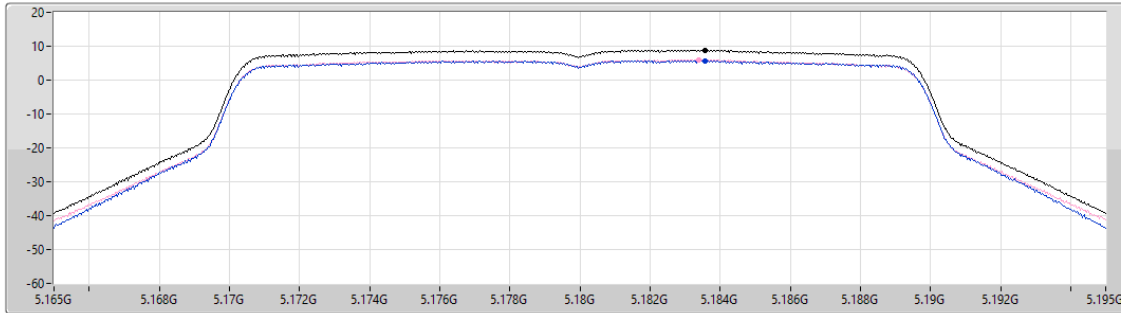
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.84	8.84	5.71	5.98

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

PSD

5200MHz

19/12/2023

CF (Hz)
5.2G

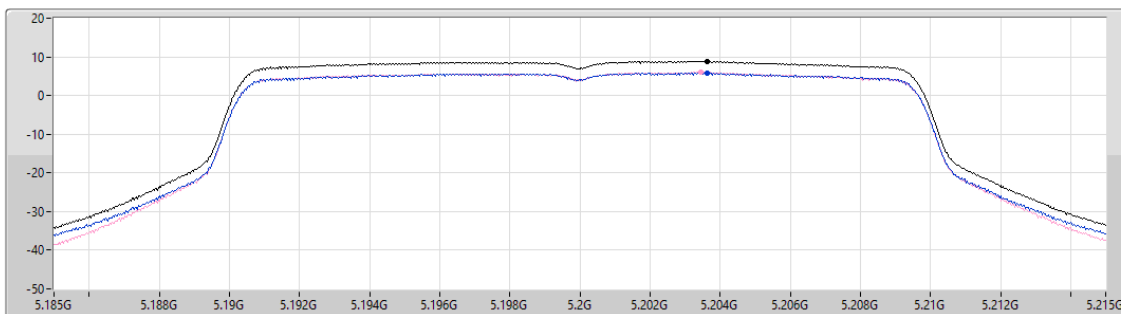
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.91	8.91	5.90	6.03

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

PSD

5240MHz

19/12/2023

CF (Hz)
5.24G

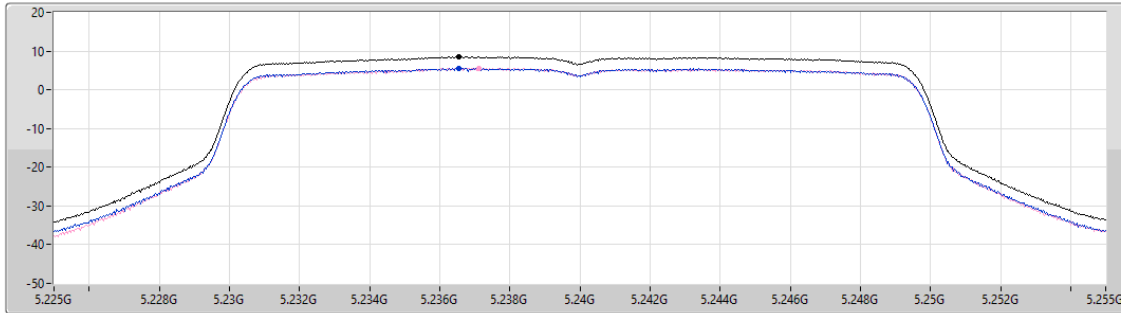
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.54	8.54	5.52	5.57

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

PSD

5260MHz

19/12/2023

CF (Hz)
5.26G

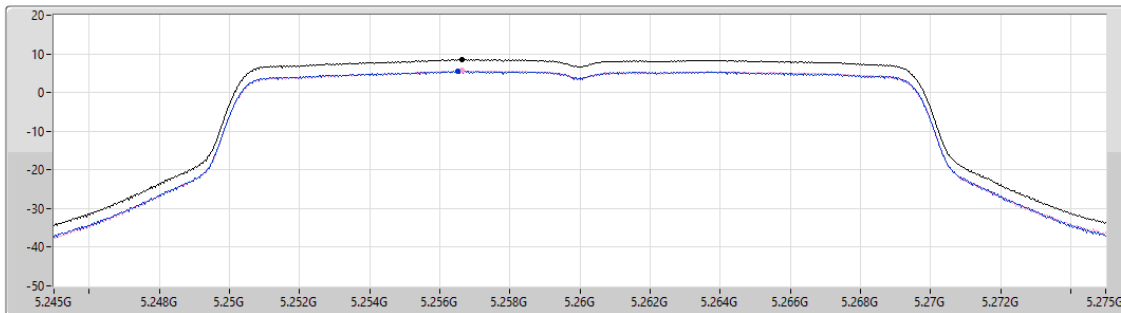
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.55	8.55	5.43	5.65

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

PSD

5300MHz

19/12/2023

CF (Hz)
5.3G

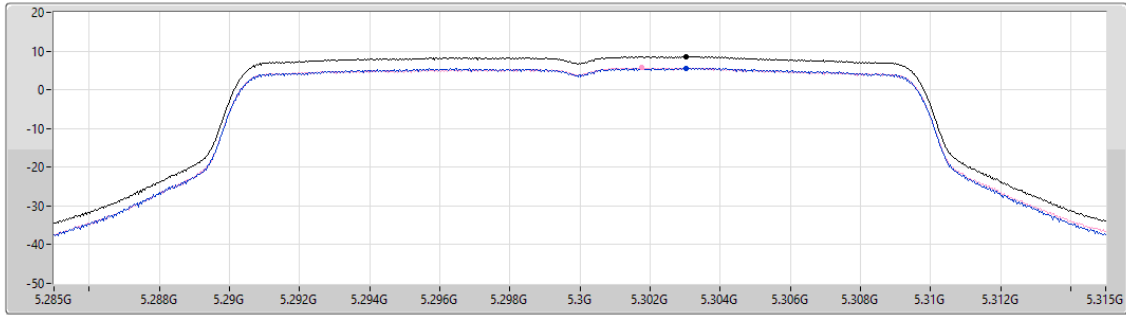
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.61	8.61	5.62	5.65

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

PSD

5320MHz

19/12/2023

CF (Hz)
5.32G

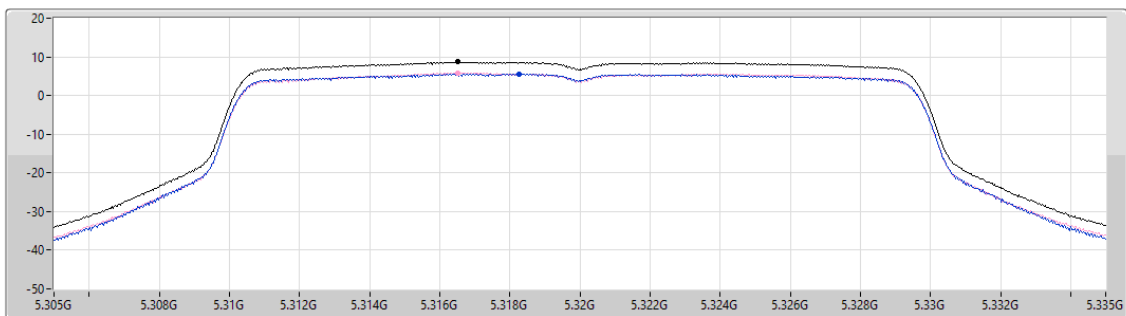
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.70	8.70	5.54	5.84

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

PSD

5500MHz

19/12/2023

CF (Hz)
5.5G

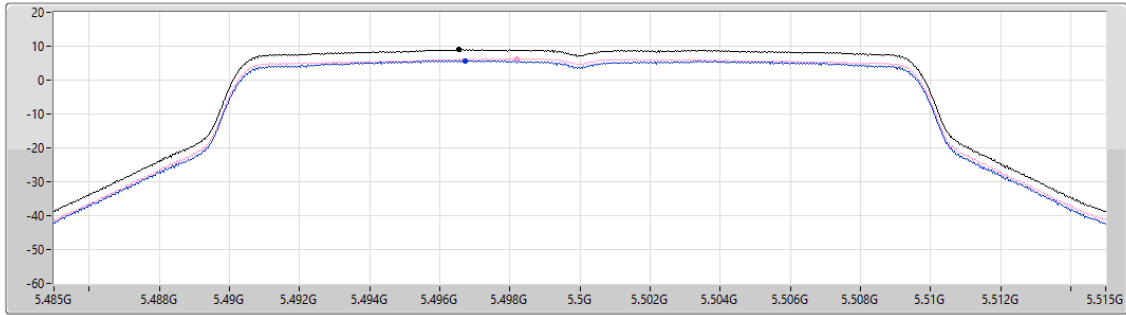
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	5.76	6.30

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

PSD

5580MHz

19/12/2023

CF (Hz)
5.58G

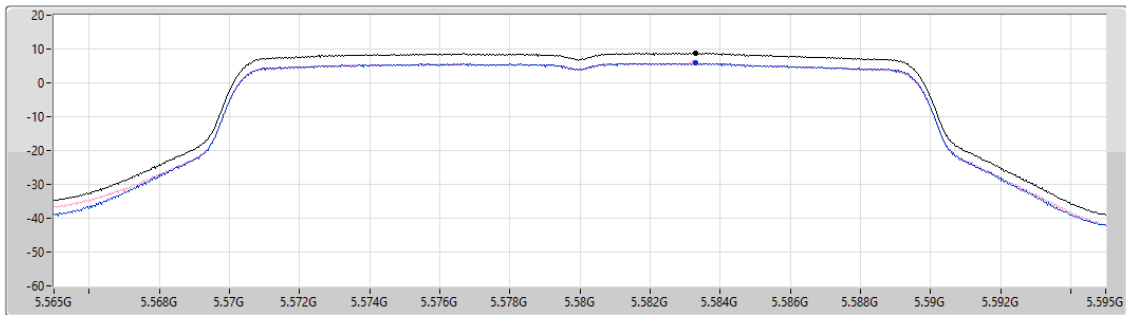
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	5.88	5.84

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

PSD

5700MHz

19/12/2023

CF (Hz)
5.7G

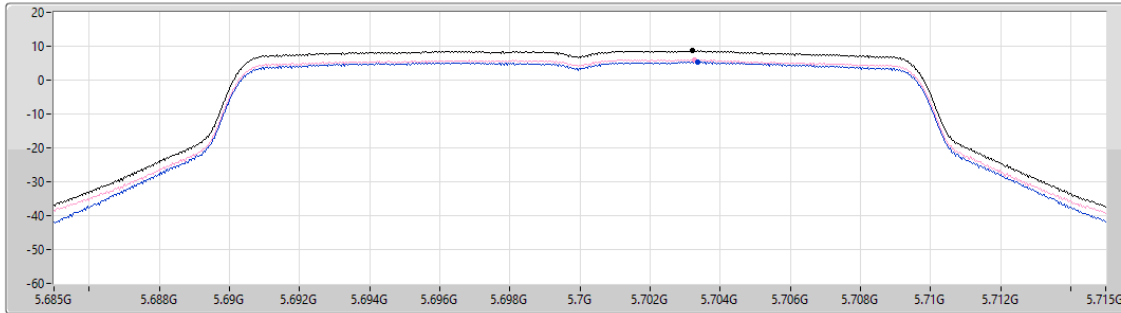
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	5.31	6.00

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

PSD

5720MHz Straddle 5.47-5.725GHz

19/12/2023

CF (Hz)
5.71G

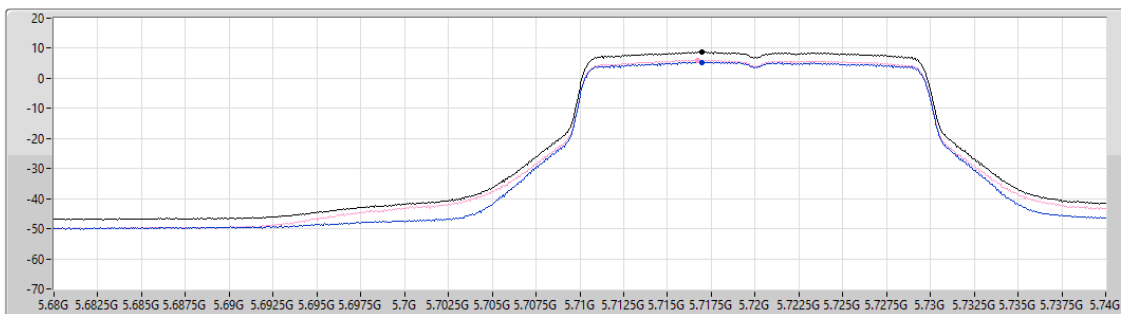
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

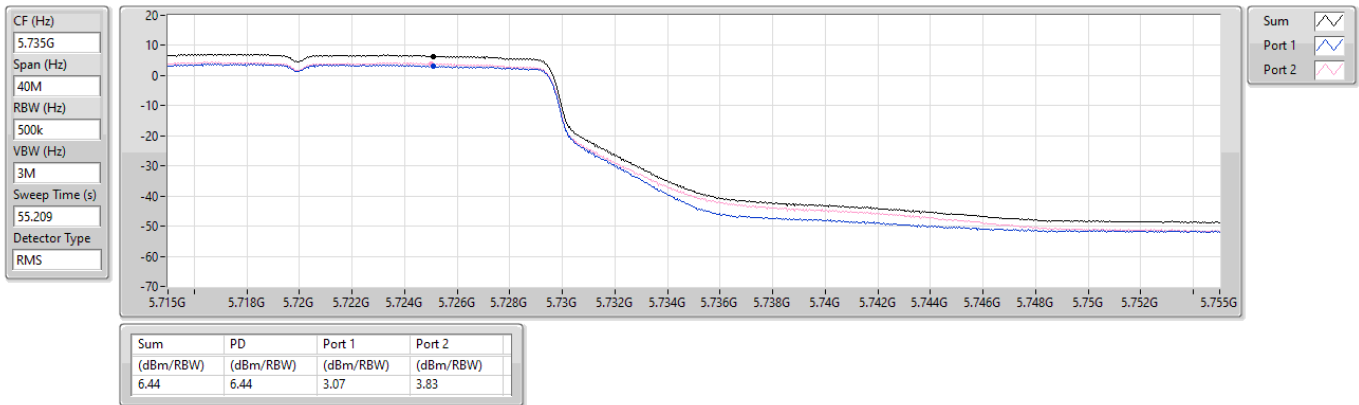
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.68	8.68	5.36	6.03

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

PSD

5720MHz Straddle 5.725-5.85GHz

19/12/2023

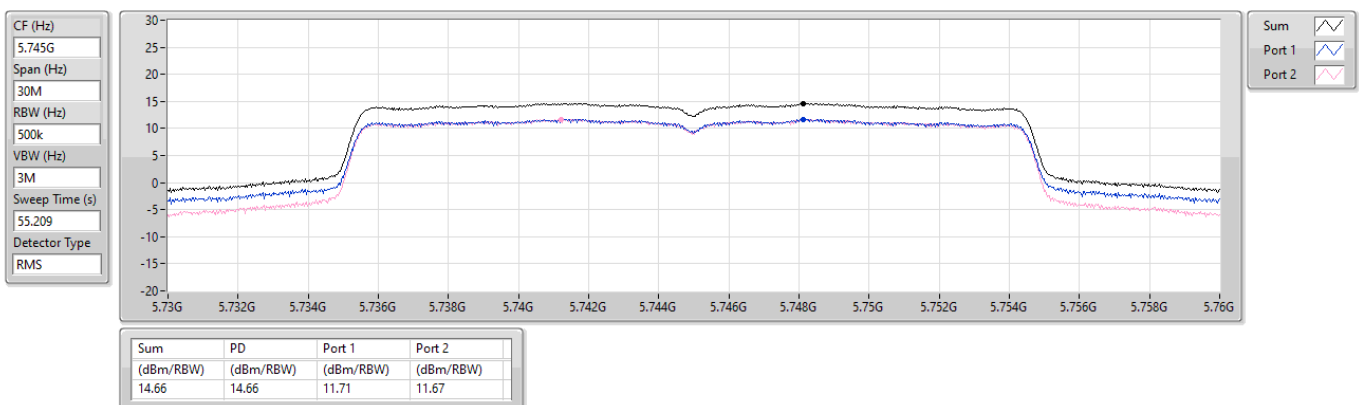


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

19/12/2023



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

PSD

5785MHz

19/12/2023

CF (Hz)
5.785G

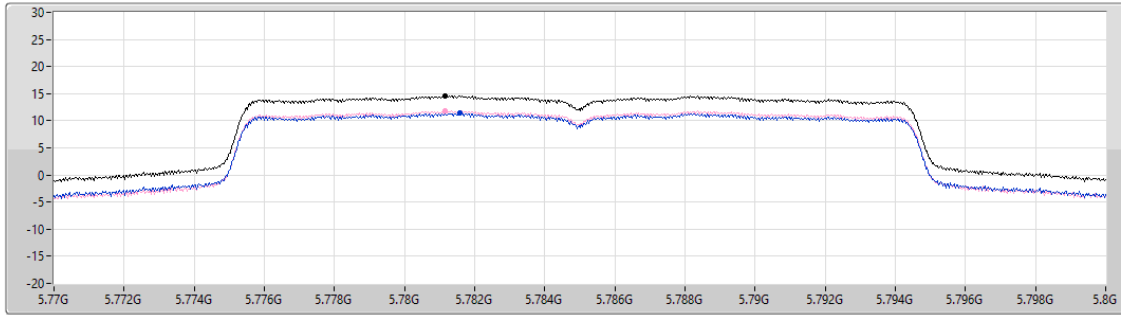
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.58	14.58	11.35	11.80

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

PSD

5825MHz

19/12/2023

CF (Hz)
5.825G

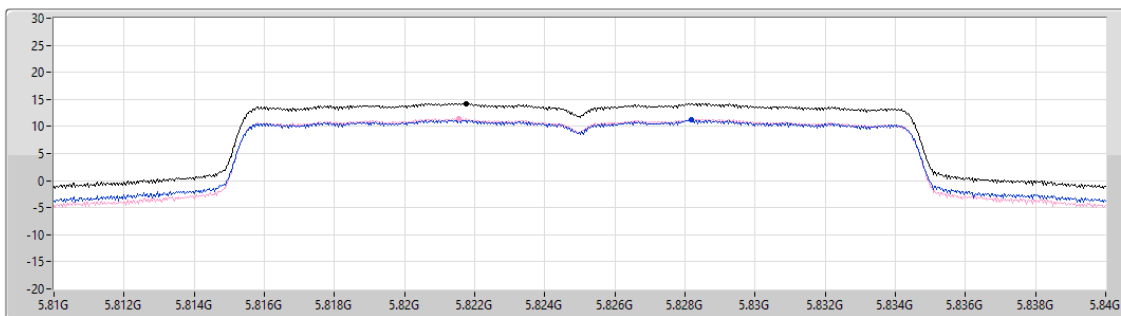
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
55.209

Detector Type
RMS



Sum 

Port 1 

Port 2 

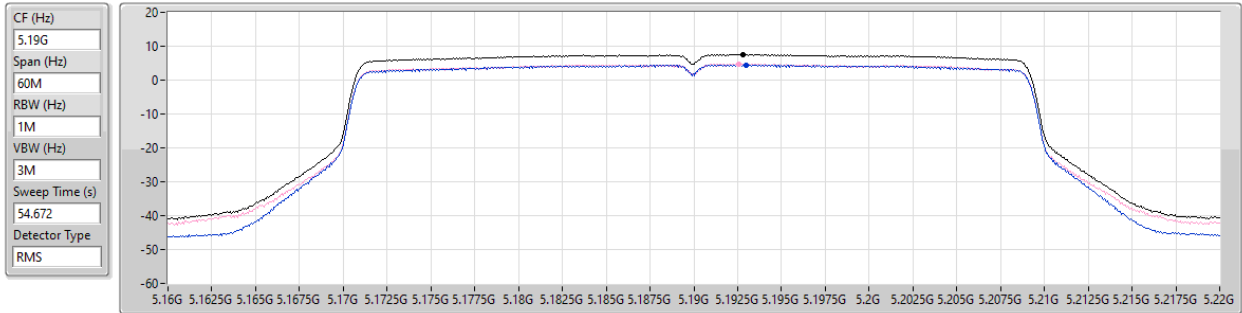
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.25	14.25	11.18	11.41

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

PSD

5190MHz

19/12/2023



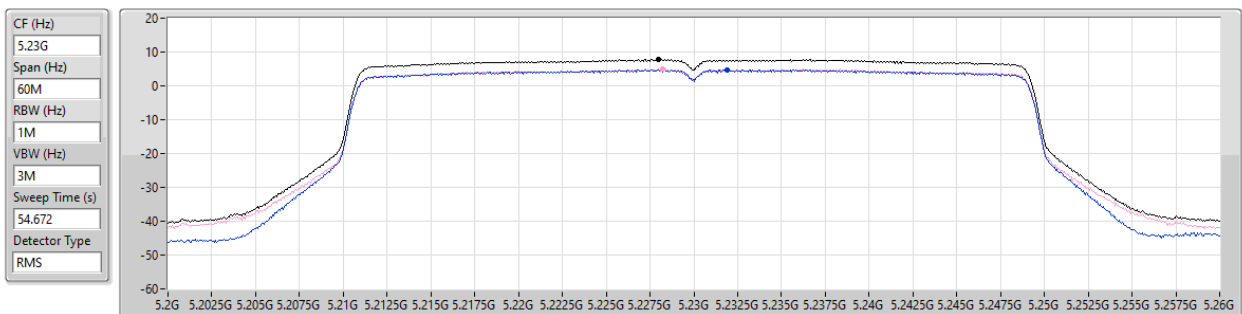
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.63	7.63	4.49	4.79

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

PSD

5230MHz

19/12/2023



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.78	7.78	4.67	4.92

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

PSD

5270MHz

19/12/2023

CF (Hz)
5.27G

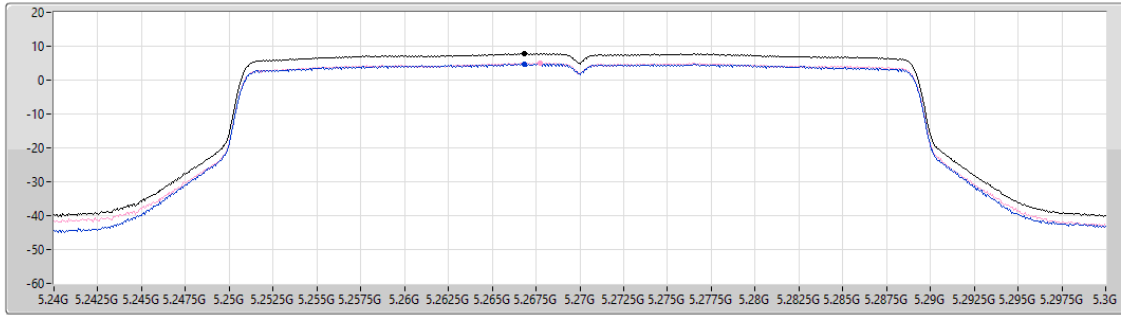
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.672

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.80	7.80	4.71	4.98

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

PSD

5310MHz

19/12/2023

CF (Hz)
5.31G

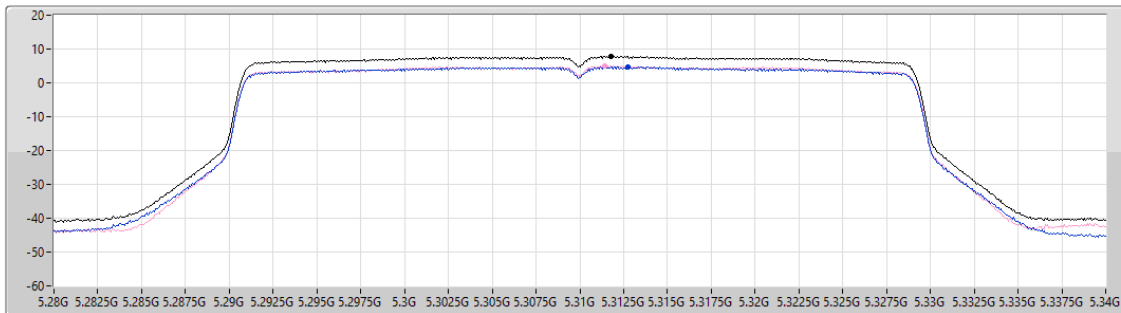
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.672

Detector Type
RMS



Sum 

Port 1 

Port 2 

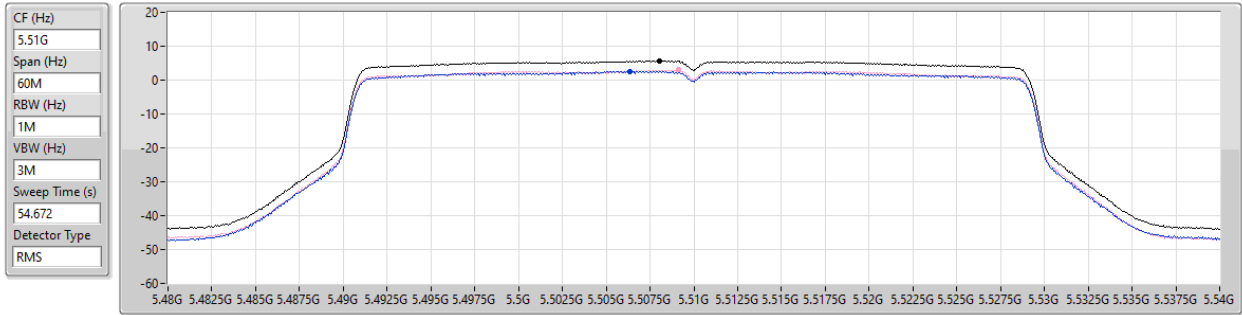
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.83	7.83	4.67	5.05

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

PSD

5510MHz

19/12/2023



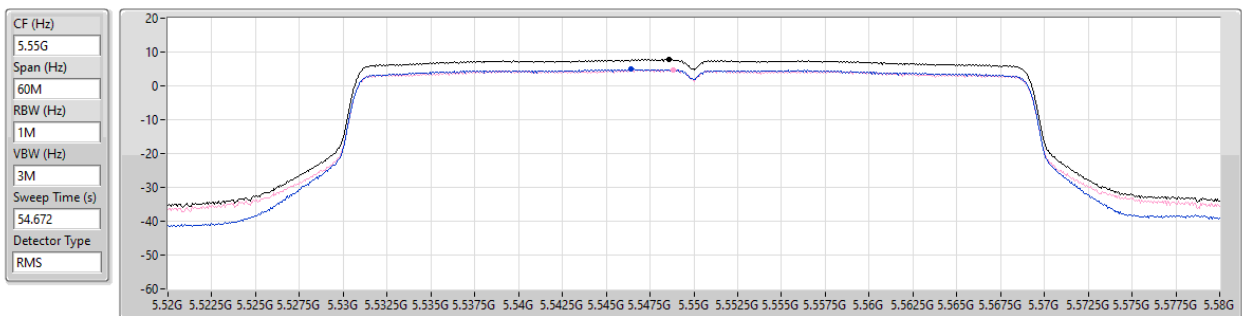
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	2.57	2.97

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

PSD

5550MHz

19/12/2023



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	4.92	4.71

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

PSD

5670MHz

19/12/2023

CF (Hz)
5.67G

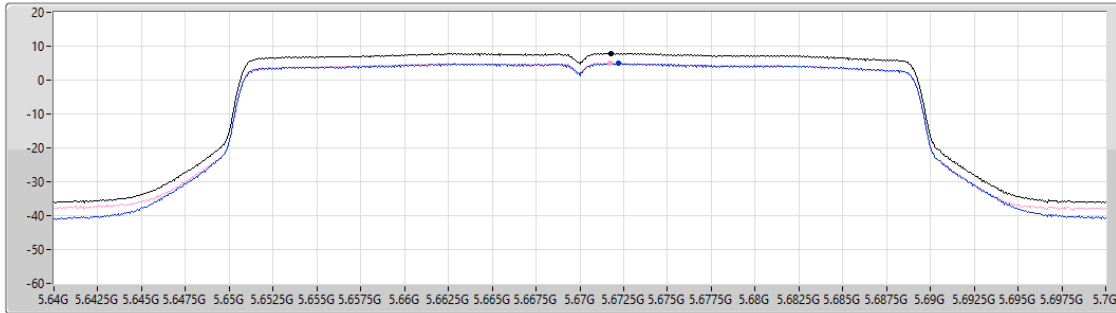
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.672

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.94	7.94	4.87	5.12

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

PSD

5710MHz Straddle 5.47-5.725GHz

19/12/2023

CF (Hz)
5.69G

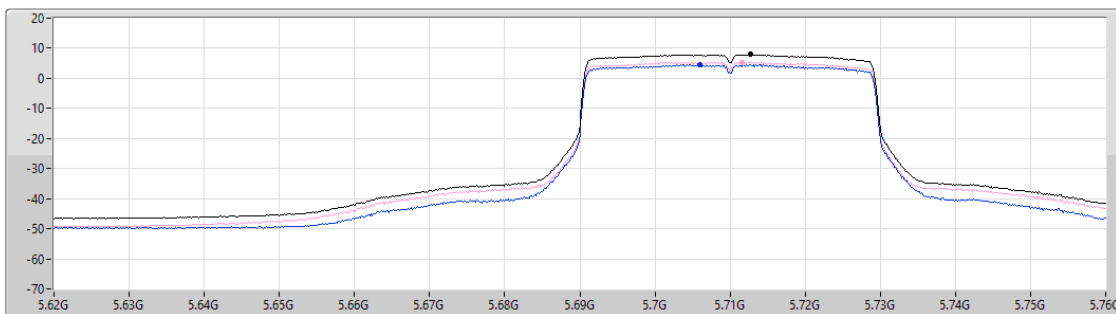
Span (Hz)
140M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.672

Detector Type
RMS



Sum 

Port 1 

Port 2 

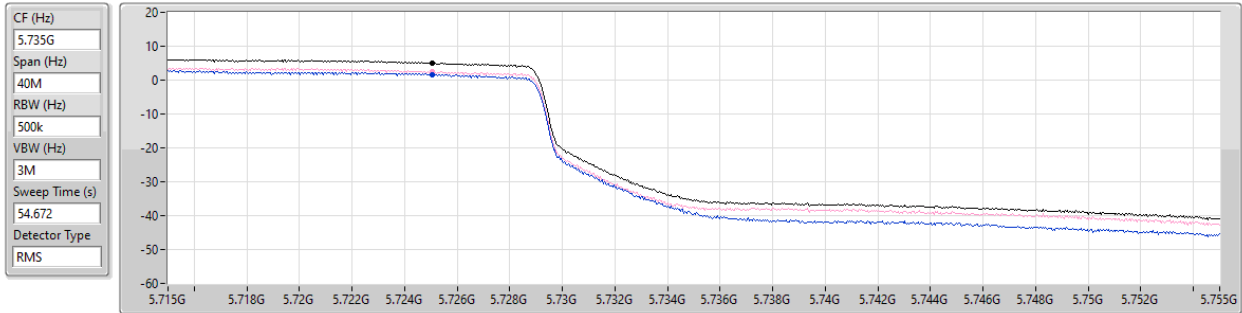
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.93	7.93	4.53	5.36

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

PSD

5710MHz Straddle 5.725-5.85GHz

19/12/2023



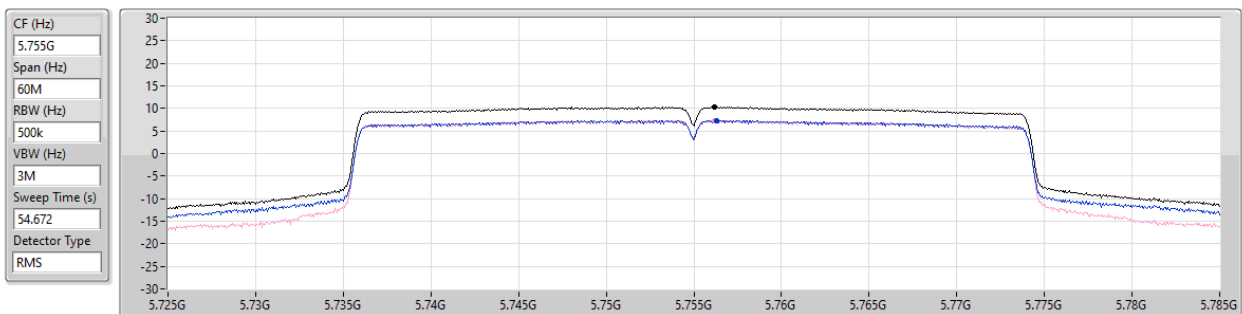
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	1.71	2.49

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

PSD

5755MHz

19/12/2023



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	7.34	7.38

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

PSD

5795MHz

19/12/2023

CF (Hz)
5.795G

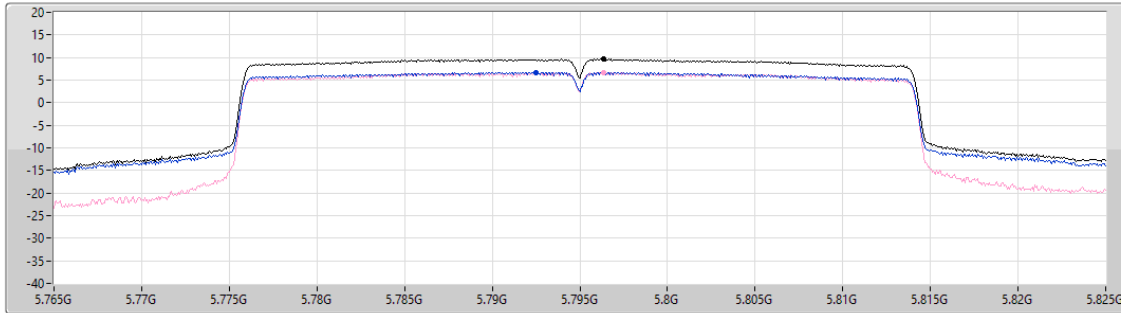
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.672

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.70	9.70	6.70	6.72

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

PSD

5210MHz

19/12/2023

CF (Hz)
5.21G

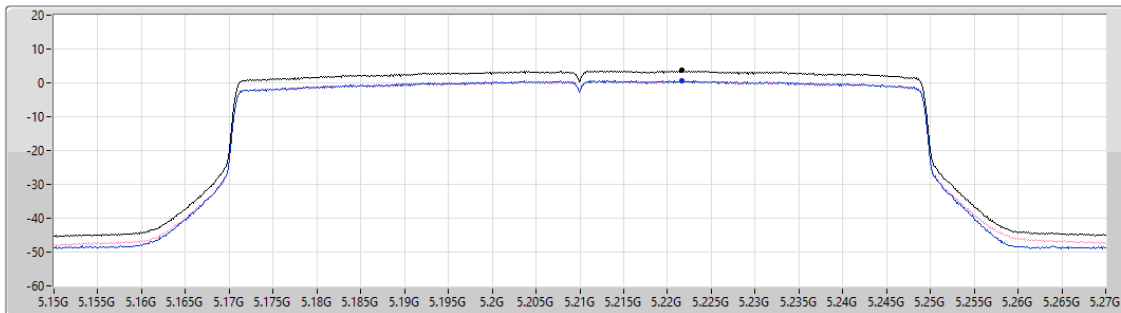
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
40.769

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.60	3.60	0.63	0.55

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

PSD

5290MHz

19/12/2023

CF (Hz)
5.29G

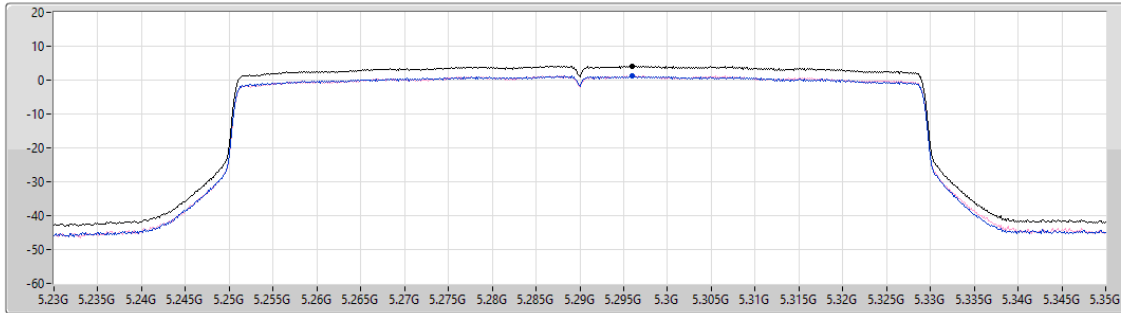
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
40.769

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.21	4.21	1.12	1.27

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

PSD

5530MHz

19/12/2023

CF (Hz)
5.53G

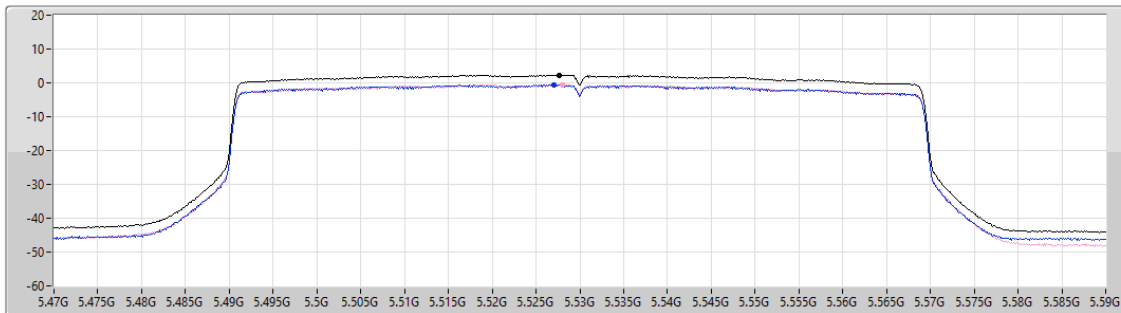
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
40.769

Detector Type
RMS



Sum 

Port 1 

Port 2 

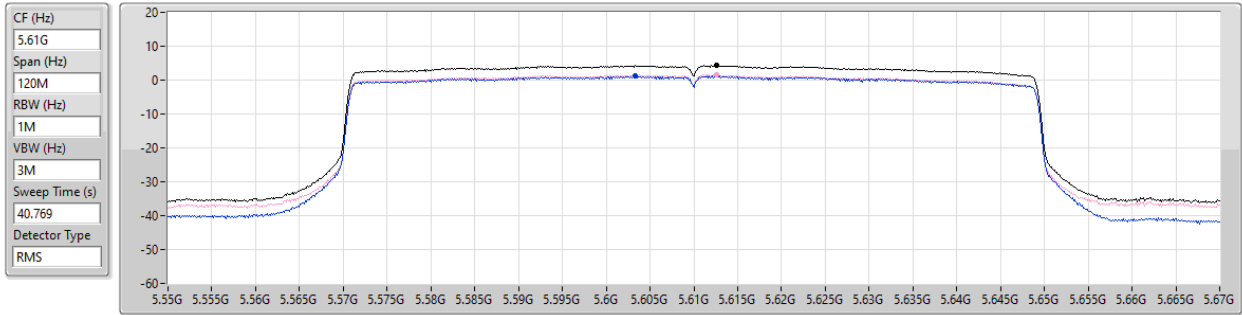
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.34	2.34	-0.66	-0.62

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

PSD

5610MHz

19/12/2023



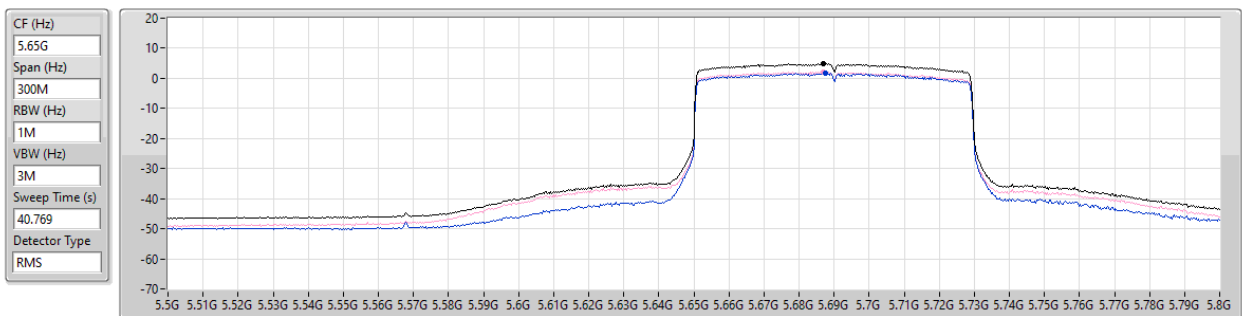
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.29	4.29	1.18	1.50

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

PSD

5690MHz Straddle 5.47-5.725GHz

19/12/2023



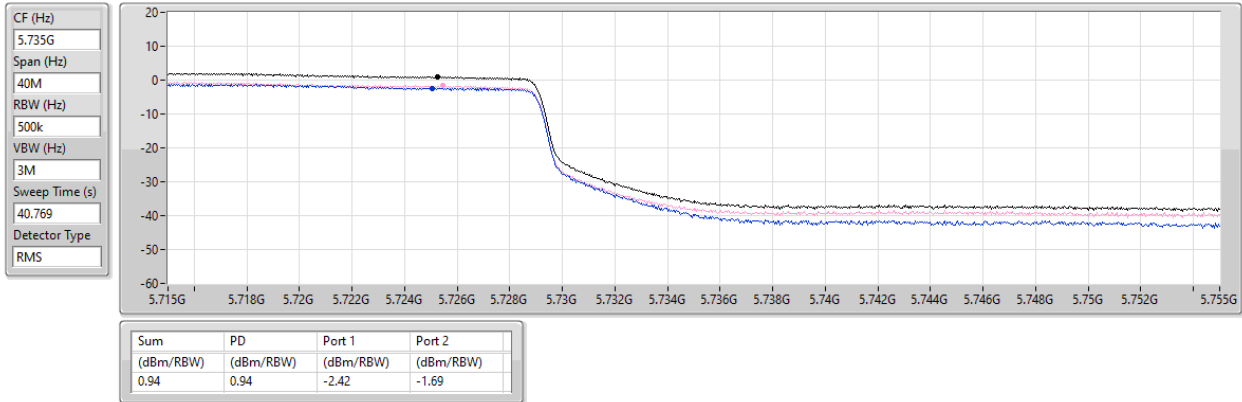
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	1.63	2.14

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

PSD

5690MHz Straddle 5.725-5.85GHz

19/12/2023

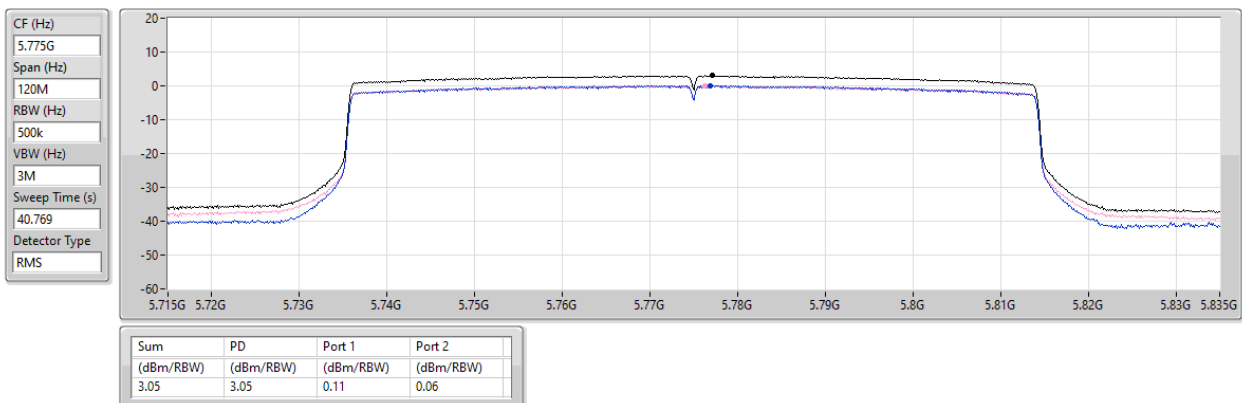


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

19/12/2023





Summary

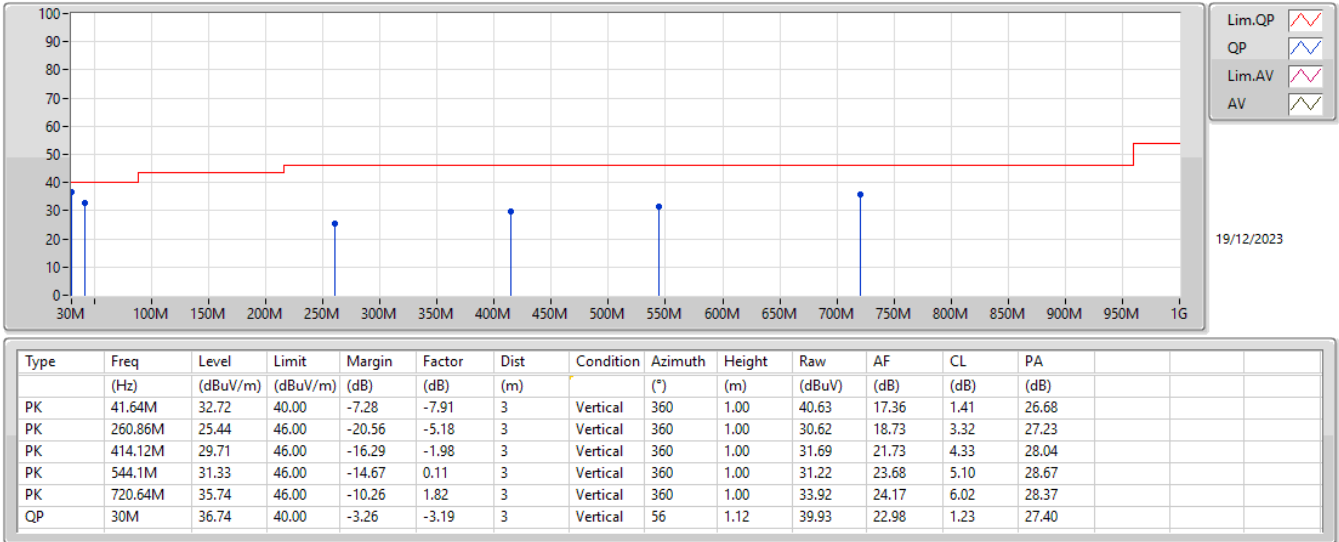
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	QP	30M	36.74	40.00	-3.26	3	Vertical	56	1.12	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5825MHz	Pass	PK	41.64M	32.72	40.00	-7.28	3	Vertical	360	1.00	-
5825MHz	Pass	PK	260.86M	25.44	46.00	-20.56	3	Vertical	360	1.00	-
5825MHz	Pass	PK	414.12M	29.71	46.00	-16.29	3	Vertical	360	1.00	-
5825MHz	Pass	PK	544.1M	31.33	46.00	-14.67	3	Vertical	360	1.00	-
5825MHz	Pass	PK	720.64M	35.74	46.00	-10.26	3	Vertical	360	1.00	-
5825MHz	Pass	QP	30M	36.74	40.00	-3.26	3	Vertical	56	1.12	-
5825MHz	Pass	PK	30M	29.36	40.00	-10.64	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	49.4M	27.86	40.00	-12.14	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	225.94M	24.24	46.00	-21.76	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	355.92M	27.58	46.00	-18.42	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	466.5M	30.00	46.00	-16.00	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	627.52M	32.26	46.00	-13.74	3	Horizontal	0	1.00	-

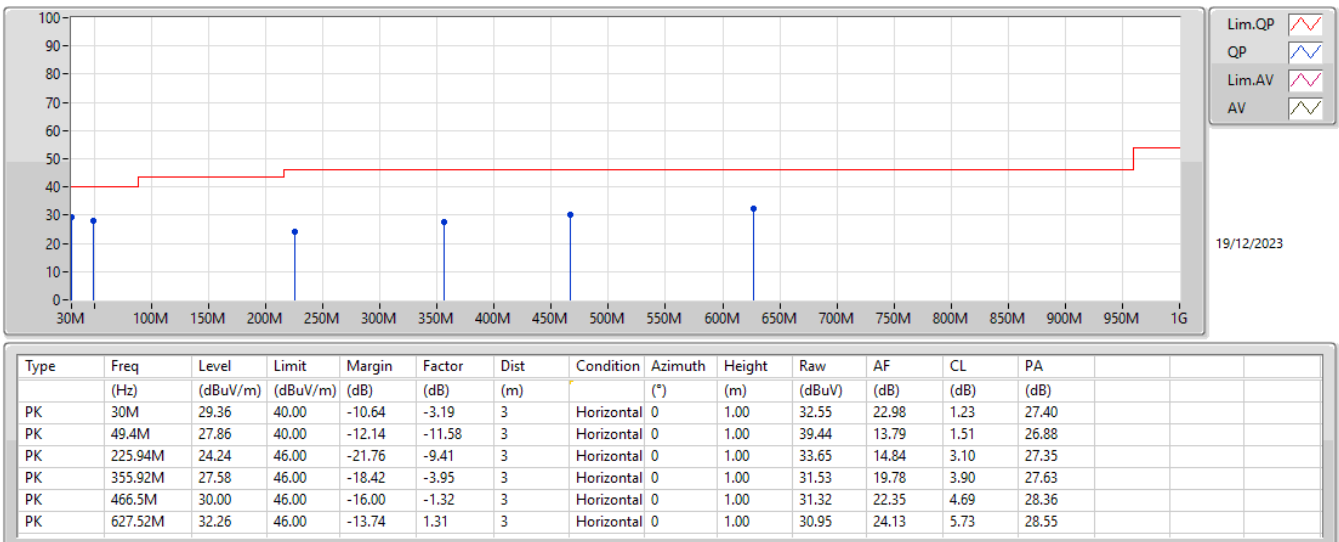
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_DC Power Supply



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

5825MHz_DC Power Supply



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	52.79	54.00	-1.21	3	Vertical	27	1.82
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.38	54.00	-0.62	3	Vertical	276	2.09
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.15	54.00	-0.85	3	Vertical	248	2.18
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.15G	52.56	54.00	-1.44	3	Vertical	232	2.11
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.35G	51.48	54.00	-2.52	3	Vertical	265	1.98
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.3512G	53.83	54.00	-0.17	3	Vertical	39	1.76
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.3508G	72.71	74.00	-1.29	3	Vertical	249	2.25
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.35G	51.57	54.00	-2.43	3	Vertical	233	2.13
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7256G	67.75	68.20	-0.45	3	Vertical	259	2.01
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.28	68.20	-0.92	3	Vertical	258	2.04
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.4624G	67.60	68.20	-0.60	3	Vertical	238	2.01
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.46G	53.67	54.00	-0.33	3	Vertical	226	2.01
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.9318G	65.44	68.20	-2.76	3	Vertical	252	1.95
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.9306G	67.10	68.20	-1.10	3	Horizontal	335	1.56
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.647G	67.11	68.20	-1.09	3	Vertical	238	1.92
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6454G	66.93	68.20	-1.27	3	Horizontal	309	1.69

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	5.1494G	46.35	54.00	-7.65	3	Vertical	29	2.05
5180MHz	Pass	AV	5.1792G	105.40	Inf	-Inf	3	Vertical	29	2.05
5180MHz	Pass	PK	5.1494G	59.45	74.00	-14.55	3	Vertical	29	2.05
5180MHz	Pass	PK	5.182G	115.64	Inf	-Inf	3	Vertical	29	2.05
5180MHz	Pass	AV	5.15G	50.16	54.00	-3.84	3	Horizontal	6	1.97
5180MHz	Pass	AV	5.1792G	104.06	Inf	-Inf	3	Horizontal	6	1.97
5180MHz	Pass	PK	5.1498G	63.03	74.00	-10.97	3	Horizontal	6	1.97
5180MHz	Pass	PK	5.1788G	113.79	Inf	-Inf	3	Horizontal	6	1.97
5180MHz	Pass	AV	15.50064G	45.08	54.00	-8.92	3	Vertical	313	2.89
5180MHz	Pass	PK	10.32352G	49.98	68.20	-18.22	3	Vertical	15	1.50
5180MHz	Pass	PK	15.53008G	57.86	74.00	-16.14	3	Vertical	313	2.89
5180MHz	Pass	AV	15.50736G	45.20	54.00	-8.80	3	Horizontal	349	2.99
5180MHz	Pass	PK	10.32752G	50.38	68.20	-17.82	3	Horizontal	161	1.50
5180MHz	Pass	PK	15.5G	57.22	74.00	-16.78	3	Horizontal	349	2.99
5200MHz	Pass	AV	5.15G	52.79	54.00	-1.21	3	Vertical	27	1.82
5200MHz	Pass	AV	5.1968G	107.49	Inf	-Inf	3	Vertical	27	1.82
5200MHz	Pass	PK	5.1472G	67.25	74.00	-6.75	3	Vertical	27	1.82
5200MHz	Pass	PK	5.202G	118.56	Inf	-Inf	3	Vertical	27	1.82
5200MHz	Pass	AV	5.1496G	52.19	54.00	-1.81	3	Horizontal	2	1.96
5200MHz	Pass	AV	5.1948G	106.78	Inf	-Inf	3	Horizontal	2	1.96
5200MHz	Pass	PK	5.15G	64.60	74.00	-9.40	3	Horizontal	2	1.96
5200MHz	Pass	PK	5.1948G	116.45	Inf	-Inf	3	Horizontal	2	1.96
5200MHz	Pass	AV	15.5992G	44.39	54.00	-9.61	3	Vertical	337	2.34
5200MHz	Pass	PK	10.39824G	52.59	68.20	-15.61	3	Vertical	299	1.72
5200MHz	Pass	PK	15.5976G	57.33	74.00	-16.67	3	Vertical	337	2.34
5200MHz	Pass	AV	15.5664G	43.89	54.00	-10.11	3	Horizontal	261	1.50
5200MHz	Pass	PK	10.37808G	49.99	68.20	-18.21	3	Horizontal	360	1.50
5200MHz	Pass	PK	15.612G	56.78	74.00	-17.22	3	Horizontal	261	1.50
5240MHz	Pass	AV	5.15G	50.39	54.00	-3.61	3	Vertical	268	1.96
5240MHz	Pass	AV	5.237G	111.51	Inf	-Inf	3	Vertical	268	1.96
5240MHz	Pass	AV	5.351G	48.54	54.00	-5.46	3	Vertical	268	1.96
5240MHz	Pass	PK	5.15G	63.70	74.00	-10.30	3	Vertical	268	1.96
5240MHz	Pass	PK	5.2364G	121.75	Inf	-Inf	3	Vertical	268	1.96
5240MHz	Pass	PK	5.369G	62.99	74.00	-11.01	3	Vertical	268	1.96
5240MHz	Pass	AV	5.15G	47.54	54.00	-6.46	3	Horizontal	358	1.54
5240MHz	Pass	AV	5.2406G	108.33	Inf	-Inf	3	Horizontal	358	1.54
5240MHz	Pass	AV	5.351G	45.48	54.00	-8.52	3	Horizontal	358	1.54
5240MHz	Pass	PK	5.1458G	62.39	74.00	-11.61	3	Horizontal	358	1.54
5240MHz	Pass	PK	5.2406G	117.87	Inf	-Inf	3	Horizontal	358	1.54
5240MHz	Pass	PK	5.3534G	57.53	74.00	-16.47	3	Horizontal	358	1.54
5240MHz	Pass	AV	15.72016G	45.38	54.00	-8.62	3	Vertical	151	2.51
5240MHz	Pass	PK	10.48432G	50.16	68.20	-18.04	3	Vertical	318	1.50
5240MHz	Pass	PK	15.72016G	58.97	74.00	-15.03	3	Vertical	151	2.51
5240MHz	Pass	AV	15.7192G	44.77	54.00	-9.23	3	Horizontal	128	1.50
5240MHz	Pass	PK	10.50752G	50.38	68.20	-17.82	3	Horizontal	209	1.50
5240MHz	Pass	PK	15.72816G	57.57	74.00	-16.43	3	Horizontal	128	1.50
5260MHz	Pass	AV	5.15G	48.09	54.00	-5.91	3	Vertical	266	2.13
5260MHz	Pass	AV	5.2552G	110.83	Inf	-Inf	3	Vertical	266	2.13
5260MHz	Pass	AV	5.3506G	51.04	54.00	-2.96	3	Vertical	266	2.13
5260MHz	Pass	PK	5.1478G	63.40	74.00	-10.60	3	Vertical	266	2.13
5260MHz	Pass	PK	5.2552G	121.32	Inf	-Inf	3	Vertical	266	2.13
5260MHz	Pass	PK	5.35G	65.05	74.00	-8.95	3	Vertical	266	2.13
5260MHz	Pass	AV	5.1484G	45.60	54.00	-8.40	3	Horizontal	360	1.84
5260MHz	Pass	AV	5.2624G	108.71	Inf	-Inf	3	Horizontal	360	1.84
5260MHz	Pass	AV	5.35G	46.41	54.00	-7.59	3	Horizontal	360	1.84
5260MHz	Pass	PK	5.1424G	57.98	74.00	-16.02	3	Horizontal	360	1.84
5260MHz	Pass	PK	5.2672G	120.17	Inf	-Inf	3	Horizontal	360	1.84
5260MHz	Pass	PK	5.3506G	59.50	74.00	-14.50	3	Horizontal	360	1.84
5260MHz	Pass	AV	15.78248G	44.57	54.00	-9.43	3	Vertical	147	1.69
5260MHz	Pass	PK	10.52064G	50.03	68.20	-18.17	3	Vertical	295	2.25

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	15.77724G	57.90	74.00	-16.10	3	Vertical	147	1.69
5260MHz	Pass	AV	15.77744G	44.53	54.00	-9.47	3	Horizontal	121	1.36
5260MHz	Pass	PK	10.52988G	49.46	68.20	-18.74	3	Horizontal	0	1.50
5260MHz	Pass	PK	15.77868G	57.86	74.00	-16.14	3	Horizontal	121	1.36
5300MHz	Pass	AV	5.3052G	107.01	Inf	-Inf	3	Vertical	265	1.98
5300MHz	Pass	AV	5.35G	51.48	54.00	-2.52	3	Vertical	265	1.98
5300MHz	Pass	PK	5.3044G	117.42	Inf	-Inf	3	Vertical	265	1.98
5300MHz	Pass	PK	5.35G	65.27	74.00	-8.73	3	Vertical	265	1.98
5300MHz	Pass	AV	5.3028G	105.61	Inf	-Inf	3	Horizontal	360	1.91
5300MHz	Pass	AV	5.35G	45.16	54.00	-8.84	3	Horizontal	360	1.91
5300MHz	Pass	PK	5.3024G	115.47	Inf	-Inf	3	Horizontal	360	1.91
5300MHz	Pass	PK	5.3504G	57.90	74.00	-16.10	3	Horizontal	360	1.91
5300MHz	Pass	AV	10.6018G	38.31	54.00	-15.69	3	Vertical	227	1.78
5300MHz	Pass	AV	15.89708G	43.96	54.00	-10.04	3	Vertical	306	2.66
5300MHz	Pass	PK	10.602G	51.24	74.00	-22.76	3	Vertical	227	1.78
5300MHz	Pass	PK	15.90316G	57.72	74.00	-16.28	3	Vertical	306	2.66
5300MHz	Pass	AV	10.606G	37.44	54.00	-16.56	3	Horizontal	360	1.50
5300MHz	Pass	AV	15.89728G	43.17	54.00	-10.83	3	Horizontal	227	2.81
5300MHz	Pass	PK	10.60304G	50.58	74.00	-23.42	3	Horizontal	360	1.50
5300MHz	Pass	PK	15.89408G	56.45	74.00	-17.55	3	Horizontal	227	2.81
5320MHz	Pass	AV	5.3252G	104.85	Inf	-Inf	3	Vertical	263	2.13
5320MHz	Pass	AV	5.351G	46.15	54.00	-7.85	3	Vertical	263	2.13
5320MHz	Pass	PK	5.3156G	115.39	Inf	-Inf	3	Vertical	263	2.13
5320MHz	Pass	PK	5.3506G	58.40	74.00	-15.60	3	Vertical	263	2.13
5320MHz	Pass	AV	5.3234G	102.52	Inf	-Inf	3	Horizontal	356	1.75
5320MHz	Pass	AV	5.3532G	43.78	54.00	-10.22	3	Horizontal	356	1.75
5320MHz	Pass	PK	5.323G	112.33	Inf	-Inf	3	Horizontal	356	1.75
5320MHz	Pass	PK	5.357G	55.96	74.00	-18.04	3	Horizontal	356	1.75
5320MHz	Pass	AV	10.64992G	37.85	54.00	-16.15	3	Vertical	110	1.45
5320MHz	Pass	AV	15.95408G	43.22	54.00	-10.78	3	Vertical	324	2.03
5320MHz	Pass	PK	10.64448G	50.41	74.00	-23.59	3	Vertical	110	1.45
5320MHz	Pass	PK	15.9572G	56.67	74.00	-17.33	3	Vertical	324	2.03
5320MHz	Pass	AV	10.64096G	37.87	54.00	-16.13	3	Horizontal	10	2.73
5320MHz	Pass	AV	15.963G	43.31	54.00	-10.69	3	Horizontal	306	2.44
5320MHz	Pass	PK	10.64976G	50.56	74.00	-23.44	3	Horizontal	10	2.73
5320MHz	Pass	PK	15.95212G	56.57	74.00	-17.43	3	Horizontal	306	2.44
5500MHz	Pass	AV	5.46G	48.99	54.00	-5.01	3	Vertical	260	2.02
5500MHz	Pass	AV	5.501G	107.50	Inf	-Inf	3	Vertical	260	2.02
5500MHz	Pass	PK	5.4596G	62.04	74.00	-11.96	3	Vertical	260	2.02
5500MHz	Pass	PK	5.4664G	67.14	68.20	-1.06	3	Vertical	260	2.02
5500MHz	Pass	PK	5.4966G	118.12	Inf	-Inf	3	Vertical	260	2.02
5500MHz	Pass	AV	5.4598G	44.56	54.00	-9.44	3	Horizontal	350	1.79
5500MHz	Pass	AV	5.4992G	102.97	Inf	-Inf	3	Horizontal	350	1.79
5500MHz	Pass	PK	5.4596G	56.63	74.00	-17.37	3	Horizontal	350	1.79
5500MHz	Pass	PK	5.4692G	61.45	68.20	-6.75	3	Horizontal	350	1.79
5500MHz	Pass	PK	5.4992G	112.62	Inf	-Inf	3	Horizontal	350	1.79
5500MHz	Pass	AV	10.99624G	36.80	54.00	-17.20	3	Vertical	134	2.24
5500MHz	Pass	PK	10.99584G	49.63	74.00	-24.37	3	Vertical	134	2.24
5500MHz	Pass	PK	16.49848G	59.88	68.20	-8.32	3	Vertical	338	1.50
5500MHz	Pass	AV	11.00624G	37.40	54.00	-16.60	3	Horizontal	240	1.21
5500MHz	Pass	PK	10.99892G	50.88	74.00	-23.12	3	Horizontal	240	1.21
5500MHz	Pass	PK	16.5006G	59.56	68.20	-8.64	3	Horizontal	47	1.50
5580MHz	Pass	AV	5.4552G	46.94	54.00	-7.06	3	Vertical	257	2.05
5580MHz	Pass	AV	5.5734G	111.45	Inf	-Inf	3	Vertical	257	2.05
5580MHz	Pass	PK	5.4588G	60.86	74.00	-13.14	3	Vertical	257	2.05
5580MHz	Pass	PK	5.4696G	60.38	68.20	-7.82	3	Vertical	257	2.05
5580MHz	Pass	PK	5.583G	122.21	Inf	-Inf	3	Vertical	257	2.05
5580MHz	Pass	PK	5.7294G	57.79	68.20	-10.41	3	Vertical	257	2.05
5580MHz	Pass	AV	5.4594G	44.71	54.00	-9.29	3	Horizontal	349	1.78
5580MHz	Pass	AV	5.5812G	109.33	Inf	-Inf	3	Horizontal	349	1.78
5580MHz	Pass	PK	5.46G	56.75	74.00	-17.25	3	Horizontal	349	1.78
5580MHz	Pass	PK	5.469G	59.13	68.20	-9.07	3	Horizontal	349	1.78

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	5.5764G	119.55	Inf	-Inf	3	Horizontal	349	1.78
5580MHz	Pass	PK	5.7258G	56.49	68.20	-11.71	3	Horizontal	349	1.78
5580MHz	Pass	AV	11.16988G	37.63	54.00	-16.37	3	Vertical	175	2.03
5580MHz	Pass	PK	11.16452G	50.66	74.00	-23.34	3	Vertical	175	2.03
5580MHz	Pass	PK	16.73996G	59.33	68.20	-8.87	3	Vertical	202	2.13
5580MHz	Pass	AV	11.16896G	37.98	54.00	-16.02	3	Horizontal	212	3.00
5580MHz	Pass	PK	11.15396G	50.91	74.00	-23.09	3	Horizontal	212	3.00
5580MHz	Pass	PK	16.74952G	60.05	68.20	-8.15	3	Horizontal	312	2.06
5700MHz	Pass	AV	5.7032G	108.03	Inf	-Inf	3	Vertical	259	2.01
5700MHz	Pass	PK	5.7032G	118.66	Inf	-Inf	3	Vertical	259	2.01
5700MHz	Pass	PK	5.7256G	67.75	68.20	-0.45	3	Vertical	259	2.01
5700MHz	Pass	AV	5.7012G	103.48	Inf	-Inf	3	Horizontal	348	1.95
5700MHz	Pass	PK	5.7008G	113.40	Inf	-Inf	3	Horizontal	348	1.95
5700MHz	Pass	PK	5.7256G	59.48	68.20	-8.72	3	Horizontal	348	1.95
5700MHz	Pass	AV	11.39556G	38.14	54.00	-15.86	3	Vertical	348	2.61
5700MHz	Pass	PK	11.40128G	50.24	74.00	-23.76	3	Vertical	348	2.61
5700MHz	Pass	PK	17.09724G	59.37	68.20	-8.83	3	Vertical	226	2.72
5700MHz	Pass	AV	11.39396G	37.47	54.00	-16.53	3	Horizontal	144	2.06
5700MHz	Pass	PK	11.39096G	50.30	74.00	-23.70	3	Horizontal	144	2.06
5700MHz	Pass	PK	17.10392G	59.44	68.20	-8.76	3	Horizontal	157	1.62
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.426G	44.46	54.00	-9.54	3	Vertical	257	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	111.93	Inf	-Inf	3	Vertical	257	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.426G	56.21	74.00	-17.79	3	Vertical	257	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	55.60	68.20	-12.60	3	Vertical	257	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	122.32	Inf	-Inf	3	Vertical	257	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.912G	59.37	68.20	-8.83	3	Vertical	257	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4512G	43.34	54.00	-10.66	3	Horizontal	349	2.63
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	109.03	Inf	-Inf	3	Horizontal	349	2.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4404G	55.58	74.00	-18.42	3	Horizontal	349	2.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	54.73	68.20	-13.47	3	Horizontal	349	2.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	118.88	Inf	-Inf	3	Horizontal	349	2.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8604G	58.23	68.20	-9.97	3	Horizontal	349	2.63
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43552G	38.57	54.00	-15.43	3	Vertical	61	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43388G	51.92	74.00	-22.08	3	Vertical	61	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15576G	60.42	68.20	-7.78	3	Vertical	63	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43476G	37.05	54.00	-16.95	3	Horizontal	95	2.65
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44896G	49.81	74.00	-24.19	3	Horizontal	95	2.65
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15752G	60.60	68.20	-7.60	3	Horizontal	315	2.27
5745MHz	Pass	AV	5.4546G	44.38	54.00	-9.62	3	Vertical	256	2.00
5745MHz	Pass	AV	5.7402G	111.64	Inf	-Inf	3	Vertical	256	2.00
5745MHz	Pass	PK	5.559G	61.10	68.20	-7.10	3	Vertical	256	2.00
5745MHz	Pass	PK	5.7414G	122.86	Inf	-Inf	3	Vertical	256	2.00
5745MHz	Pass	PK	5.9454G	59.22	68.20	-8.98	3	Vertical	256	2.00
5745MHz	Pass	AV	5.445G	43.62	54.00	-10.38	3	Horizontal	347	1.78
5745MHz	Pass	AV	5.7486G	108.83	Inf	-Inf	3	Horizontal	347	1.78
5745MHz	Pass	PK	5.6394G	59.55	68.20	-8.65	3	Horizontal	347	1.78
5745MHz	Pass	PK	5.7486G	119.23	Inf	-Inf	3	Horizontal	347	1.78
5745MHz	Pass	PK	5.943G	56.78	68.20	-11.42	3	Horizontal	347	1.78
5745MHz	Pass	AV	11.48796G	39.35	54.00	-14.65	3	Vertical	127	1.86
5745MHz	Pass	PK	11.49188G	52.39	74.00	-21.61	3	Vertical	127	1.86
5745MHz	Pass	PK	17.23828G	61.37	68.20	-6.83	3	Vertical	56	1.64
5745MHz	Pass	AV	11.49356G	37.79	54.00	-16.21	3	Horizontal	179	1.35
5745MHz	Pass	PK	11.48976G	50.75	74.00	-23.25	3	Horizontal	179	1.35
5745MHz	Pass	PK	17.2362G	59.59	68.20	-8.61	3	Horizontal	294	2.19
5785MHz	Pass	AV	5.7886G	111.60	Inf	-Inf	3	Vertical	255	1.98
5785MHz	Pass	PK	5.5858G	59.22	68.20	-8.98	3	Vertical	255	1.98
5785MHz	Pass	PK	5.7838G	122.41	Inf	-Inf	3	Vertical	255	1.98
5785MHz	Pass	PK	5.9434G	58.23	68.20	-9.97	3	Vertical	255	1.98
5785MHz	Pass	AV	5.7886G	108.36	Inf	-Inf	3	Horizontal	337	1.92
5785MHz	Pass	PK	5.5954G	56.29	68.20	-11.91	3	Horizontal	337	1.92
5785MHz	Pass	PK	5.7886G	118.08	Inf	-Inf	3	Horizontal	337	1.92
5785MHz	Pass	PK	6.007G	57.03	68.20	-11.17	3	Horizontal	337	1.92

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	AV	11.5682G	38.50	54.00	-15.50	3	Vertical	120	1.64
5785MHz	Pass	PK	11.5696G	51.25	74.00	-22.75	3	Vertical	120	1.64
5785MHz	Pass	PK	17.3462G	59.15	68.20	-9.05	3	Vertical	56	1.50
5785MHz	Pass	AV	11.56692G	37.50	54.00	-16.50	3	Horizontal	18	1.50
5785MHz	Pass	PK	11.56144G	50.68	74.00	-23.32	3	Horizontal	18	1.50
5785MHz	Pass	PK	17.34592G	60.99	68.20	-7.21	3	Horizontal	21	2.86
5825MHz	Pass	AV	5.8214G	111.25	Inf	-Inf	3	Vertical	252	1.95
5825MHz	Pass	PK	5.6342G	58.15	68.20	-10.05	3	Vertical	252	1.95
5825MHz	Pass	PK	5.8322G	122.20	Inf	-Inf	3	Vertical	252	1.95
5825MHz	Pass	PK	5.9318G	65.44	68.20	-2.76	3	Vertical	252	1.95
5825MHz	Pass	AV	5.8262G	108.50	Inf	-Inf	3	Horizontal	336	1.71
5825MHz	Pass	PK	5.567G	56.34	68.20	-11.86	3	Horizontal	336	1.71
5825MHz	Pass	PK	5.8262G	119.22	Inf	-Inf	3	Horizontal	336	1.71
5825MHz	Pass	PK	5.9258G	62.94	68.20	-5.26	3	Horizontal	336	1.71
5825MHz	Pass	AV	11.64772G	38.79	54.00	-15.21	3	Vertical	114	1.75
5825MHz	Pass	PK	11.65108G	51.60	74.00	-22.40	3	Vertical	114	1.75
5825MHz	Pass	PK	17.48012G	58.95	68.20	-9.25	3	Vertical	49	1.93
5825MHz	Pass	AV	11.64752G	37.57	54.00	-16.43	3	Horizontal	264	2.13
5825MHz	Pass	PK	11.64252G	50.30	74.00	-23.70	3	Horizontal	264	2.13
5825MHz	Pass	PK	17.48172G	59.38	68.20	-8.82	3	Horizontal	358	2.95
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.79	54.00	-1.21	3	Vertical	35	1.79
5180MHz	Pass	AV	5.1784G	104.35	Inf	-Inf	3	Vertical	35	1.79
5180MHz	Pass	PK	5.15G	68.13	74.00	-5.87	3	Vertical	35	1.79
5180MHz	Pass	PK	5.1778G	117.46	Inf	-Inf	3	Vertical	35	1.79
5180MHz	Pass	AV	5.1452G	50.42	54.00	-3.58	3	Horizontal	10	1.81
5180MHz	Pass	AV	5.1754G	104.03	Inf	-Inf	3	Horizontal	10	1.81
5180MHz	Pass	PK	5.146G	64.77	74.00	-9.23	3	Horizontal	10	1.81
5180MHz	Pass	PK	5.1852G	117.70	Inf	-Inf	3	Horizontal	10	1.81
5180MHz	Pass	AV	15.541G	44.45	54.00	-9.55	3	Vertical	274	2.30
5180MHz	Pass	PK	10.35104G	50.90	68.20	-17.30	3	Vertical	200	1.50
5180MHz	Pass	PK	15.53116G	60.05	74.00	-13.95	3	Vertical	274	2.30
5180MHz	Pass	AV	15.53416G	44.17	54.00	-9.83	3	Horizontal	360	2.10
5180MHz	Pass	PK	10.35136G	50.01	68.20	-18.19	3	Horizontal	41	2.17
5180MHz	Pass	PK	15.53596G	58.11	74.00	-15.89	3	Horizontal	360	2.10
5200MHz	Pass	AV	5.15G	53.38	54.00	-0.62	3	Vertical	276	2.09
5200MHz	Pass	AV	5.2036G	108.15	Inf	-Inf	3	Vertical	276	2.09
5200MHz	Pass	PK	5.1492G	67.71	74.00	-6.29	3	Vertical	276	2.09
5200MHz	Pass	PK	5.2024G	121.61	Inf	-Inf	3	Vertical	276	2.09
5200MHz	Pass	AV	5.15G	52.83	54.00	-1.17	3	Horizontal	7	1.71
5200MHz	Pass	AV	5.2016G	105.62	Inf	-Inf	3	Horizontal	7	1.71
5200MHz	Pass	PK	5.1496G	66.44	74.00	-7.56	3	Horizontal	7	1.71
5200MHz	Pass	PK	5.2024G	118.98	Inf	-Inf	3	Horizontal	7	1.71
5200MHz	Pass	AV	15.59324G	43.15	54.00	-10.85	3	Vertical	61	2.04
5200MHz	Pass	PK	10.39824G	53.11	68.20	-15.09	3	Vertical	194	1.01
5200MHz	Pass	PK	15.59264G	56.52	74.00	-17.48	3	Vertical	61	2.04
5200MHz	Pass	AV	15.59552G	43.44	54.00	-10.56	3	Horizontal	339	2.11
5200MHz	Pass	PK	10.40504G	50.45	68.20	-17.75	3	Horizontal	256	1.00
5200MHz	Pass	PK	15.60676G	59.34	74.00	-14.66	3	Horizontal	339	2.11
5240MHz	Pass	AV	5.15G	52.84	54.00	-1.16	3	Vertical	275	2.18
5240MHz	Pass	AV	5.2382G	110.09	Inf	-Inf	3	Vertical	275	2.18
5240MHz	Pass	AV	5.3516G	48.73	54.00	-5.27	3	Vertical	275	2.18
5240MHz	Pass	PK	5.1482G	68.71	74.00	-5.29	3	Vertical	275	2.18
5240MHz	Pass	PK	5.2406G	122.10	Inf	-Inf	3	Vertical	275	2.18
5240MHz	Pass	PK	5.3504G	61.31	74.00	-12.69	3	Vertical	275	2.18
5240MHz	Pass	AV	5.1464G	48.79	54.00	-5.21	3	Horizontal	6	1.90
5240MHz	Pass	AV	5.2358G	107.75	Inf	-Inf	3	Horizontal	6	1.90
5240MHz	Pass	AV	5.3564G	45.40	54.00	-8.60	3	Horizontal	6	1.90
5240MHz	Pass	PK	5.147G	61.80	74.00	-12.20	3	Horizontal	6	1.90
5240MHz	Pass	PK	5.2346G	119.83	Inf	-Inf	3	Horizontal	6	1.90
5240MHz	Pass	PK	5.3546G	58.49	74.00	-15.51	3	Horizontal	6	1.90
5240MHz	Pass	AV	15.72116G	45.11	54.00	-8.89	3	Vertical	185	2.40

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5240MHz	Pass	PK	10.4724G	49.93	68.20	-18.27	3	Vertical	157	2.83
5240MHz	Pass	PK	15.72088G	59.67	74.00	-14.33	3	Vertical	185	2.40
5240MHz	Pass	AV	15.71428G	43.27	54.00	-10.73	3	Horizontal	84	1.50
5240MHz	Pass	PK	10.47532G	50.62	68.20	-17.58	3	Horizontal	131	1.50
5240MHz	Pass	PK	15.72264G	56.82	74.00	-17.18	3	Horizontal	84	1.50
5260MHz	Pass	AV	5.15G	46.55	54.00	-7.45	3	Vertical	32	1.97
5260MHz	Pass	AV	5.257G	107.07	Inf	-Inf	3	Vertical	32	1.97
5260MHz	Pass	AV	5.3512G	49.73	54.00	-4.27	3	Vertical	32	1.97
5260MHz	Pass	PK	5.149G	59.49	74.00	-14.51	3	Vertical	32	1.97
5260MHz	Pass	PK	5.2522G	118.71	Inf	-Inf	3	Vertical	32	1.97
5260MHz	Pass	PK	5.3506G	65.02	74.00	-8.98	3	Vertical	32	1.97
5260MHz	Pass	AV	5.1496G	45.82	54.00	-8.18	3	Horizontal	9	1.95
5260MHz	Pass	AV	5.2636G	106.70	Inf	-Inf	3	Horizontal	9	1.95
5260MHz	Pass	AV	5.35G	46.55	54.00	-7.45	3	Horizontal	9	1.95
5260MHz	Pass	PK	5.1448G	58.70	74.00	-15.30	3	Horizontal	9	1.95
5260MHz	Pass	PK	5.2624G	119.38	Inf	-Inf	3	Horizontal	9	1.95
5260MHz	Pass	PK	5.3518G	59.18	74.00	-14.82	3	Horizontal	9	1.95
5260MHz	Pass	AV	15.7818G	42.98	54.00	-11.02	3	Vertical	60	1.00
5260MHz	Pass	PK	10.52244G	50.17	68.20	-18.03	3	Vertical	288	1.68
5260MHz	Pass	PK	15.78992G	56.89	74.00	-17.11	3	Vertical	60	1.00
5260MHz	Pass	AV	15.7848G	43.66	54.00	-10.34	3	Horizontal	75	1.33
5260MHz	Pass	PK	10.5202G	49.47	68.20	-18.73	3	Horizontal	156	1.14
5260MHz	Pass	PK	15.78432G	57.30	74.00	-16.70	3	Horizontal	75	1.33
5300MHz	Pass	AV	5.3028G	105.50	Inf	-Inf	3	Vertical	39	1.76
5300MHz	Pass	AV	5.3512G	53.83	54.00	-0.17	3	Vertical	39	1.76
5300MHz	Pass	PK	5.3016G	117.42	Inf	-Inf	3	Vertical	39	1.76
5300MHz	Pass	PK	5.3508G	67.25	74.00	-6.75	3	Vertical	39	1.76
5300MHz	Pass	AV	5.304G	105.29	Inf	-Inf	3	Horizontal	5	1.88
5300MHz	Pass	AV	5.35G	49.86	54.00	-4.14	3	Horizontal	5	1.88
5300MHz	Pass	PK	5.3052G	118.87	Inf	-Inf	3	Horizontal	5	1.88
5300MHz	Pass	PK	5.3556G	64.56	74.00	-9.44	3	Horizontal	5	1.88
5300MHz	Pass	AV	15.90236G	43.25	54.00	-10.75	3	Vertical	153	1.78
5300MHz	Pass	PK	10.59352G	50.52	68.20	-17.68	3	Vertical	197	1.93
5300MHz	Pass	PK	15.90116G	56.86	74.00	-17.14	3	Vertical	153	1.78
5300MHz	Pass	AV	15.90064G	43.53	54.00	-10.47	3	Horizontal	78	1.38
5300MHz	Pass	PK	10.59692G	49.85	68.20	-18.35	3	Horizontal	159	2.07
5300MHz	Pass	PK	15.8994G	57.92	74.00	-16.08	3	Horizontal	78	1.38
5320MHz	Pass	AV	5.3182G	104.10	Inf	-Inf	3	Vertical	269	2.14
5320MHz	Pass	AV	5.3508G	47.90	54.00	-6.10	3	Vertical	269	2.14
5320MHz	Pass	PK	5.321G	117.55	Inf	-Inf	3	Vertical	269	2.14
5320MHz	Pass	PK	5.3504G	62.33	74.00	-11.67	3	Vertical	269	2.14
5320MHz	Pass	AV	5.3182G	101.92	Inf	-Inf	3	Horizontal	354	2.01
5320MHz	Pass	AV	5.35G	44.26	54.00	-9.74	3	Horizontal	354	2.01
5320MHz	Pass	PK	5.3174G	115.14	Inf	-Inf	3	Horizontal	354	2.01
5320MHz	Pass	PK	5.3582G	56.52	74.00	-17.48	3	Horizontal	354	2.01
5320MHz	Pass	AV	10.64512G	37.43	54.00	-16.57	3	Vertical	61	2.22
5320MHz	Pass	AV	15.96992G	42.84	54.00	-11.16	3	Vertical	277	1.50
5320MHz	Pass	PK	10.63008G	50.31	74.00	-23.69	3	Vertical	61	2.22
5320MHz	Pass	PK	15.9678G	56.77	74.00	-17.23	3	Vertical	277	1.50
5320MHz	Pass	AV	10.64968G	37.57	54.00	-16.43	3	Horizontal	336	1.50
5320MHz	Pass	AV	15.9684G	42.73	54.00	-11.27	3	Horizontal	35	2.16
5320MHz	Pass	PK	10.64916G	51.27	74.00	-22.73	3	Horizontal	336	1.50
5320MHz	Pass	PK	15.96436G	56.59	74.00	-17.41	3	Horizontal	35	2.16
5500MHz	Pass	AV	5.46G	47.62	54.00	-6.38	3	Vertical	263	1.94
5500MHz	Pass	AV	5.5016G	105.99	Inf	-Inf	3	Vertical	263	1.94
5500MHz	Pass	PK	5.46G	61.89	74.00	-12.11	3	Vertical	263	1.94
5500MHz	Pass	PK	5.47G	65.52	68.20	-2.68	3	Vertical	263	1.94
5500MHz	Pass	PK	5.499G	118.67	Inf	-Inf	3	Vertical	263	1.94
5500MHz	Pass	AV	5.46G	43.62	54.00	-10.38	3	Horizontal	351	1.88
5500MHz	Pass	AV	5.4986G	101.60	Inf	-Inf	3	Horizontal	351	1.88
5500MHz	Pass	PK	5.4584G	55.95	74.00	-18.05	3	Horizontal	351	1.88
5500MHz	Pass	PK	5.47G	59.93	68.20	-8.27	3	Horizontal	351	1.88

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	5.4974G	115.41	Inf	-Inf	3	Horizontal	351	1.88
5500MHz	Pass	AV	10.99336G	36.44	54.00	-17.56	3	Vertical	244	1.47
5500MHz	Pass	PK	11.00852G	49.93	74.00	-24.07	3	Vertical	244	1.47
5500MHz	Pass	PK	16.49116G	59.65	68.20	-8.55	3	Vertical	85	2.71
5500MHz	Pass	AV	10.99852G	36.52	54.00	-17.48	3	Horizontal	202	3.00
5500MHz	Pass	PK	10.99104G	49.96	74.00	-24.04	3	Horizontal	202	3.00
5500MHz	Pass	PK	16.50696G	58.47	68.20	-9.73	3	Horizontal	165	1.62
5580MHz	Pass	AV	5.4576G	48.08	54.00	-5.92	3	Vertical	260	1.94
5580MHz	Pass	AV	5.583G	110.18	Inf	-Inf	3	Vertical	260	1.94
5580MHz	Pass	PK	5.4576G	61.19	74.00	-12.81	3	Vertical	260	1.94
5580MHz	Pass	PK	5.4684G	62.98	68.20	-5.22	3	Vertical	260	1.94
5580MHz	Pass	PK	5.5824G	122.83	Inf	-Inf	3	Vertical	260	1.94
5580MHz	Pass	PK	5.7276G	59.25	68.20	-8.95	3	Vertical	260	1.94
5580MHz	Pass	AV	5.46G	44.58	54.00	-9.42	3	Horizontal	351	1.67
5580MHz	Pass	AV	5.5866G	108.17	Inf	-Inf	3	Horizontal	351	1.67
5580MHz	Pass	PK	5.4564G	57.28	74.00	-16.72	3	Horizontal	351	1.67
5580MHz	Pass	PK	5.4648G	58.08	68.20	-10.12	3	Horizontal	351	1.67
5580MHz	Pass	PK	5.5776G	121.14	Inf	-Inf	3	Horizontal	351	1.67
5580MHz	Pass	PK	5.727G	56.49	68.20	-11.71	3	Horizontal	351	1.67
5580MHz	Pass	AV	11.16496G	38.08	54.00	-15.92	3	Vertical	311	3.00
5580MHz	Pass	PK	11.16148G	52.11	74.00	-21.89	3	Vertical	311	3.00
5580MHz	Pass	PK	16.7432G	60.36	68.20	-7.84	3	Vertical	10	2.98
5580MHz	Pass	AV	11.16744G	37.70	54.00	-16.30	3	Horizontal	80	2.35
5580MHz	Pass	PK	11.16844G	51.23	74.00	-22.77	3	Horizontal	80	2.35
5580MHz	Pass	PK	16.73152G	60.22	68.20	-7.98	3	Horizontal	186	2.76
5700MHz	Pass	AV	5.7032G	105.60	Inf	-Inf	3	Vertical	258	2.04
5700MHz	Pass	PK	5.7024G	119.05	Inf	-Inf	3	Vertical	258	2.04
5700MHz	Pass	PK	5.7252G	67.28	68.20	-0.92	3	Vertical	258	2.04
5700MHz	Pass	AV	5.6956G	101.77	Inf	-Inf	3	Horizontal	352	1.90
5700MHz	Pass	PK	5.6948G	115.36	Inf	-Inf	3	Horizontal	352	1.90
5700MHz	Pass	PK	5.7252G	62.34	68.20	-5.86	3	Horizontal	352	1.90
5700MHz	Pass	AV	11.385G	37.35	54.00	-16.65	3	Vertical	138	1.72
5700MHz	Pass	PK	11.39934G	50.57	74.00	-23.43	3	Vertical	138	1.72
5700MHz	Pass	PK	17.0955G	60.16	68.20	-8.04	3	Vertical	288	2.03
5700MHz	Pass	AV	11.40048G	37.71	54.00	-16.29	3	Horizontal	118	2.35
5700MHz	Pass	PK	11.4057G	50.83	74.00	-23.17	3	Horizontal	118	2.35
5700MHz	Pass	PK	17.09886G	58.69	68.20	-9.51	3	Horizontal	332	2.31
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4332G	44.40	54.00	-9.60	3	Vertical	258	1.93
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	110.70	Inf	-Inf	3	Vertical	258	1.93
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4476G	57.17	74.00	-16.83	3	Vertical	258	1.93
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.17	68.20	-12.03	3	Vertical	258	1.93
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7272G	122.98	Inf	-Inf	3	Vertical	258	1.93
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9048G	60.03	68.20	-8.17	3	Vertical	258	1.93
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	43.34	54.00	-10.66	3	Horizontal	329	1.78
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	107.84	Inf	-Inf	3	Horizontal	329	1.78
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.42G	56.51	74.00	-17.49	3	Horizontal	329	1.78
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	56.47	68.20	-11.73	3	Horizontal	329	1.78
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	119.97	Inf	-Inf	3	Horizontal	329	1.78
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	58.86	68.20	-9.34	3	Horizontal	329	1.78
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43526G	37.76	54.00	-16.24	3	Vertical	144	1.86
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44372G	51.25	74.00	-22.75	3	Vertical	144	1.86
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.14716G	59.41	68.20	-8.79	3	Vertical	71	2.94
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43586G	37.72	54.00	-16.28	3	Horizontal	166	1.46
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43568G	51.11	74.00	-22.89	3	Horizontal	166	1.46
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15772G	58.35	68.20	-9.85	3	Horizontal	310	1.55
5745MHz	Pass	AV	5.4486G	44.23	54.00	-9.77	3	Vertical	254	2.01
5745MHz	Pass	AV	5.7414G	110.71	Inf	-Inf	3	Vertical	254	2.01
5745MHz	Pass	PK	5.649G	61.75	68.20	-6.45	3	Vertical	254	2.01
5745MHz	Pass	PK	5.7426G	123.28	Inf	-Inf	3	Vertical	254	2.01
5745MHz	Pass	PK	5.931G	59.40	68.20	-8.80	3	Vertical	254	2.01
5745MHz	Pass	AV	5.4498G	43.41	54.00	-10.59	3	Horizontal	338	1.83
5745MHz	Pass	AV	5.7402G	107.58	Inf	-Inf	3	Horizontal	338	1.83

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	PK	5.631G	58.43	68.20	-9.77	3	Horizontal	338	1.83
5745MHz	Pass	PK	5.7402G	120.65	Inf	-Inf	3	Horizontal	338	1.83
5745MHz	Pass	PK	6.0414G	57.28	68.20	-10.92	3	Horizontal	338	1.83
5745MHz	Pass	AV	11.4882G	38.36	54.00	-15.64	3	Vertical	142	1.74
5745MHz	Pass	PK	11.4957G	51.89	74.00	-22.11	3	Vertical	142	1.74
5745MHz	Pass	PK	17.2341G	59.19	68.20	-9.01	3	Vertical	66	2.22
5745MHz	Pass	AV	11.48796G	37.89	54.00	-16.11	3	Horizontal	266	1.50
5745MHz	Pass	PK	11.48676G	51.54	74.00	-22.46	3	Horizontal	266	1.50
5745MHz	Pass	PK	17.23776G	59.50	68.20	-8.70	3	Horizontal	313	2.23
5785MHz	Pass	AV	5.7886G	110.85	Inf	-Inf	3	Vertical	254	1.99
5785MHz	Pass	PK	5.593G	59.77	68.20	-8.43	3	Vertical	254	1.99
5785MHz	Pass	PK	5.7862G	123.17	Inf	-Inf	3	Vertical	254	1.99
5785MHz	Pass	PK	5.9842G	60.09	68.20	-8.11	3	Vertical	254	1.99
5785MHz	Pass	AV	5.7886G	107.43	Inf	-Inf	3	Horizontal	337	1.77
5785MHz	Pass	PK	5.6302G	57.01	68.20	-11.19	3	Horizontal	337	1.77
5785MHz	Pass	PK	5.7874G	119.55	Inf	-Inf	3	Horizontal	337	1.77
5785MHz	Pass	PK	5.9254G	60.75	68.20	-7.45	3	Horizontal	337	1.77
5785MHz	Pass	AV	11.56958G	37.69	54.00	-16.31	3	Vertical	323	1.47
5785MHz	Pass	PK	11.56826G	50.48	74.00	-23.52	3	Vertical	323	1.47
5785MHz	Pass	PK	17.36166G	58.35	68.20	-9.85	3	Vertical	74	1.13
5785MHz	Pass	AV	11.5646G	38.25	54.00	-15.75	3	Horizontal	288	2.68
5785MHz	Pass	PK	11.5733G	51.34	74.00	-22.66	3	Horizontal	288	2.68
5785MHz	Pass	PK	17.35158G	59.33	68.20	-8.87	3	Horizontal	39	2.76
5825MHz	Pass	AV	5.8286G	110.56	Inf	-Inf	3	Vertical	254	1.96
5825MHz	Pass	PK	5.6354G	58.07	68.20	-10.13	3	Vertical	254	1.96
5825MHz	Pass	PK	5.8202G	123.11	Inf	-Inf	3	Vertical	254	1.96
5825MHz	Pass	PK	5.9222G	68.71	70.27	-1.56	3	Vertical	254	1.96
5825MHz	Pass	AV	5.8286G	107.37	Inf	-Inf	3	Horizontal	335	1.56
5825MHz	Pass	PK	5.6354G	56.90	68.20	-11.30	3	Horizontal	335	1.56
5825MHz	Pass	PK	5.8202G	119.68	Inf	-Inf	3	Horizontal	335	1.56
5825MHz	Pass	PK	5.9306G	67.10	68.20	-1.10	3	Horizontal	335	1.56
5825MHz	Pass	AV	11.65474G	38.63	54.00	-15.37	3	Vertical	136	1.73
5825MHz	Pass	PK	11.65732G	51.79	74.00	-22.21	3	Vertical	136	1.73
5825MHz	Pass	PK	17.48484G	57.92	68.20	-10.28	3	Vertical	71	1.57
5825MHz	Pass	AV	11.6458G	37.36	54.00	-16.64	3	Horizontal	260	1.50
5825MHz	Pass	PK	11.64436G	50.57	74.00	-23.43	3	Horizontal	260	1.50
5825MHz	Pass	PK	17.47782G	59.99	68.20	-8.21	3	Horizontal	35	2.87
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5190MHz	Pass	AV	5.15G	52.15	54.00	-1.85	3	Vertical	251	2.20
5190MHz	Pass	AV	5.1928G	102.50	Inf	-Inf	3	Vertical	251	2.20
5190MHz	Pass	PK	5.1492G	67.59	74.00	-6.41	3	Vertical	251	2.20
5190MHz	Pass	PK	5.1932G	115.77	Inf	-Inf	3	Vertical	251	2.20
5190MHz	Pass	AV	5.1464G	48.92	54.00	-5.08	3	Horizontal	333	1.80
5190MHz	Pass	AV	5.1868G	100.88	Inf	-Inf	3	Horizontal	333	1.80
5190MHz	Pass	PK	5.1488G	66.62	74.00	-7.38	3	Horizontal	333	1.80
5190MHz	Pass	PK	5.1876G	114.69	Inf	-Inf	3	Horizontal	333	1.80
5190MHz	Pass	AV	15.5406G	43.93	54.00	-10.07	3	Vertical	239	1.50
5190MHz	Pass	PK	10.3926G	50.66	68.20	-17.54	3	Vertical	336	1.50
5190MHz	Pass	PK	15.5406G	56.90	74.00	-17.10	3	Vertical	239	1.50
5190MHz	Pass	AV	15.54036G	43.92	54.00	-10.08	3	Horizontal	125	1.50
5190MHz	Pass	PK	10.37844G	51.63	68.20	-16.57	3	Horizontal	46	2.37
5190MHz	Pass	PK	15.56256G	57.36	74.00	-16.64	3	Horizontal	125	1.50
5230MHz	Pass	AV	5.15G	53.15	54.00	-0.85	3	Vertical	248	2.18
5230MHz	Pass	AV	5.2292G	104.53	Inf	-Inf	3	Vertical	248	2.18
5230MHz	Pass	PK	5.1476G	69.79	74.00	-4.21	3	Vertical	248	2.18
5230MHz	Pass	PK	5.2292G	118.22	Inf	-Inf	3	Vertical	248	2.18
5230MHz	Pass	AV	5.1448G	49.51	54.00	-4.49	3	Horizontal	346	1.85
5230MHz	Pass	AV	5.2332G	101.56	Inf	-Inf	3	Horizontal	346	1.85
5230MHz	Pass	PK	5.134G	67.64	74.00	-6.36	3	Horizontal	346	1.85
5230MHz	Pass	PK	5.2336G	114.68	Inf	-Inf	3	Horizontal	346	1.85
5230MHz	Pass	AV	15.68184G	42.88	54.00	-11.12	3	Vertical	311	2.29
5230MHz	Pass	PK	10.43648G	50.62	68.20	-17.58	3	Vertical	156	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5230MHz	Pass	PK	15.6948G	55.96	74.00	-18.04	3	Vertical	311	2.29
5230MHz	Pass	AV	15.69852G	42.64	54.00	-11.36	3	Horizontal	309	1.50
5230MHz	Pass	PK	10.43792G	50.81	68.20	-17.39	3	Horizontal	0	1.35
5230MHz	Pass	PK	15.69456G	55.98	74.00	-18.02	3	Horizontal	309	1.50
5270MHz	Pass	AV	5.2748G	103.34	Inf	-Inf	3	Vertical	249	2.25
5270MHz	Pass	AV	5.35G	52.25	54.00	-1.75	3	Vertical	249	2.25
5270MHz	Pass	PK	5.2756G	116.10	Inf	-Inf	3	Vertical	249	2.25
5270MHz	Pass	PK	5.3508G	72.71	74.00	-1.29	3	Vertical	249	2.25
5270MHz	Pass	AV	5.272G	100.87	Inf	-Inf	3	Horizontal	338	1.84
5270MHz	Pass	AV	5.3532G	47.87	54.00	-6.13	3	Horizontal	338	1.84
5270MHz	Pass	PK	5.2712G	114.00	Inf	-Inf	3	Horizontal	338	1.84
5270MHz	Pass	PK	5.3532G	67.92	74.00	-6.08	3	Horizontal	338	1.84
5270MHz	Pass	AV	15.81948G	42.15	54.00	-11.85	3	Vertical	140	1.50
5270MHz	Pass	PK	10.52056G	50.17	68.20	-18.03	3	Vertical	77	1.00
5270MHz	Pass	PK	15.816G	55.50	74.00	-18.50	3	Vertical	140	1.50
5270MHz	Pass	AV	15.83976G	42.24	54.00	-11.76	3	Horizontal	174	2.52
5270MHz	Pass	PK	10.52656G	49.86	68.20	-18.34	3	Horizontal	323	1.50
5270MHz	Pass	PK	15.83004G	55.43	74.00	-18.57	3	Horizontal	174	2.52
5310MHz	Pass	AV	5.3136G	102.11	Inf	-Inf	3	Vertical	249	2.14
5310MHz	Pass	AV	5.3528G	51.03	54.00	-2.97	3	Vertical	249	2.14
5310MHz	Pass	PK	5.3148G	115.27	Inf	-Inf	3	Vertical	249	2.14
5310MHz	Pass	PK	5.3524G	71.99	74.00	-2.01	3	Vertical	249	2.14
5310MHz	Pass	AV	5.304G	99.58	Inf	-Inf	3	Horizontal	333	2.00
5310MHz	Pass	AV	5.3516G	49.26	54.00	-4.74	3	Horizontal	333	2.00
5310MHz	Pass	PK	5.3132G	112.32	Inf	-Inf	3	Horizontal	333	2.00
5310MHz	Pass	PK	5.3532G	64.98	74.00	-9.02	3	Horizontal	333	2.00
5310MHz	Pass	AV	10.6488G	37.67	54.00	-16.33	3	Vertical	156	1.00
5310MHz	Pass	AV	15.92904G	42.90	54.00	-11.10	3	Vertical	65	1.67
5310MHz	Pass	PK	10.632G	50.63	74.00	-23.37	3	Vertical	156	1.00
5310MHz	Pass	PK	15.94992G	56.19	74.00	-17.81	3	Vertical	65	1.67
5310MHz	Pass	AV	10.64544G	37.70	54.00	-16.30	3	Horizontal	179	2.77
5310MHz	Pass	AV	15.94392G	42.82	54.00	-11.18	3	Horizontal	277	1.50
5310MHz	Pass	PK	10.63224G	50.86	74.00	-23.14	3	Horizontal	179	2.77
5310MHz	Pass	PK	15.91488G	56.93	74.00	-17.07	3	Horizontal	277	1.50
5510MHz	Pass	AV	5.46G	48.45	54.00	-5.55	3	Vertical	241	1.94
5510MHz	Pass	AV	5.5064G	102.20	Inf	-Inf	3	Vertical	241	1.94
5510MHz	Pass	PK	5.46G	61.96	74.00	-12.04	3	Vertical	241	1.94
5510MHz	Pass	PK	5.4672G	67.33	68.20	-0.87	3	Vertical	241	1.94
5510MHz	Pass	PK	5.5076G	116.03	Inf	-Inf	3	Vertical	241	1.94
5510MHz	Pass	AV	5.4548G	43.28	54.00	-10.72	3	Horizontal	332	1.99
5510MHz	Pass	AV	5.5136G	97.78	Inf	-Inf	3	Horizontal	332	1.99
5510MHz	Pass	PK	5.4508G	56.11	74.00	-17.89	3	Horizontal	332	1.99
5510MHz	Pass	PK	5.4644G	58.24	68.20	-9.96	3	Horizontal	332	1.99
5510MHz	Pass	PK	5.5156G	110.87	Inf	-Inf	3	Horizontal	332	1.99
5510MHz	Pass	AV	10.99684G	37.19	54.00	-16.81	3	Vertical	37	1.14
5510MHz	Pass	PK	11.00716G	50.57	74.00	-23.43	3	Vertical	37	1.14
5510MHz	Pass	PK	16.50348G	58.41	68.20	-9.79	3	Vertical	340	1.50
5510MHz	Pass	AV	10.99072G	37.22	54.00	-16.78	3	Horizontal	123	1.50
5510MHz	Pass	PK	11.01112G	50.52	74.00	-23.48	3	Horizontal	123	1.50
5510MHz	Pass	PK	16.5066G	58.21	68.20	-9.99	3	Horizontal	105	2.43
5550MHz	Pass	AV	5.46G	49.31	54.00	-4.69	3	Vertical	238	2.01
5550MHz	Pass	AV	5.5484G	104.47	Inf	-Inf	3	Vertical	238	2.01
5550MHz	Pass	PK	5.4592G	66.65	74.00	-7.35	3	Vertical	238	2.01
5550MHz	Pass	PK	5.4624G	67.60	68.20	-0.60	3	Vertical	238	2.01
5550MHz	Pass	PK	5.5556G	118.02	Inf	-Inf	3	Vertical	238	2.01
5550MHz	Pass	AV	5.4564G	44.08	54.00	-9.92	3	Horizontal	338	2.04
5550MHz	Pass	AV	5.5592G	100.17	Inf	-Inf	3	Horizontal	338	2.04
5550MHz	Pass	PK	5.4556G	58.87	74.00	-15.13	3	Horizontal	338	2.04
5550MHz	Pass	PK	5.47G	60.98	68.20	-7.22	3	Horizontal	338	2.04
5550MHz	Pass	PK	5.5596G	112.76	Inf	-Inf	3	Horizontal	338	2.04
5550MHz	Pass	AV	11.11608G	37.20	54.00	-16.80	3	Vertical	261	1.50
5550MHz	Pass	PK	11.10108G	50.20	74.00	-23.80	3	Vertical	261	1.50

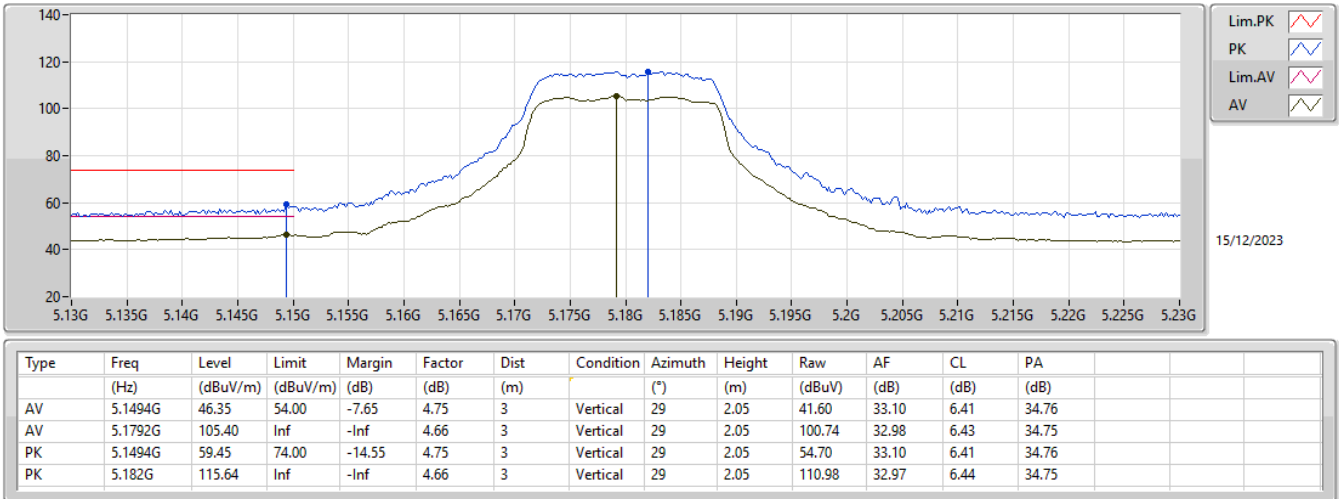
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5550MHz	Pass	PK	16.65144G	58.20	68.20	-10.00	3	Vertical	196	2.32
5550MHz	Pass	AV	11.12664G	37.19	54.00	-16.81	3	Horizontal	62	1.04
5550MHz	Pass	PK	11.07996G	50.34	74.00	-23.66	3	Horizontal	62	1.04
5550MHz	Pass	PK	16.67256G	57.83	68.20	-10.37	3	Horizontal	296	2.26
5670MHz	Pass	AV	5.6718G	103.75	Inf	-Inf	3	Vertical	236	1.92
5670MHz	Pass	PK	5.6628G	116.65	Inf	-Inf	3	Vertical	236	1.92
5670MHz	Pass	PK	5.7258G	67.07	68.20	-1.13	3	Vertical	236	1.92
5670MHz	Pass	AV	5.673G	100.68	Inf	-Inf	3	Horizontal	340	1.76
5670MHz	Pass	PK	5.6736G	114.06	Inf	-Inf	3	Horizontal	340	1.76
5670MHz	Pass	PK	5.7258G	67.45	68.20	-0.75	3	Horizontal	340	1.76
5670MHz	Pass	AV	11.33604G	38.15	54.00	-15.85	3	Vertical	164	1.50
5670MHz	Pass	PK	11.35092G	51.07	74.00	-22.93	3	Vertical	164	1.50
5670MHz	Pass	PK	17.00832G	59.31	68.20	-8.89	3	Vertical	12	1.50
5670MHz	Pass	AV	11.31G	38.03	54.00	-15.97	3	Horizontal	267	1.50
5670MHz	Pass	PK	11.31348G	51.61	74.00	-22.39	3	Horizontal	267	1.50
5670MHz	Pass	PK	17.02188G	59.23	68.20	-8.97	3	Horizontal	3	1.18
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	45.27	54.00	-8.73	3	Vertical	240	1.93
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	107.76	Inf	-Inf	3	Vertical	240	1.93
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.458G	58.27	74.00	-15.73	3	Vertical	240	1.93
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	58.49	68.20	-9.71	3	Vertical	240	1.93
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7136G	120.27	Inf	-Inf	3	Vertical	240	1.93
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8576G	65.28	68.20	-2.92	3	Vertical	240	1.93
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.41G	43.93	54.00	-10.07	3	Horizontal	333	2.64
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7052G	103.81	Inf	-Inf	3	Horizontal	333	2.64
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4544G	56.49	74.00	-17.51	3	Horizontal	333	2.64
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	55.78	68.20	-12.42	3	Horizontal	333	2.64
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.716G	115.90	Inf	-Inf	3	Horizontal	333	2.64
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8636G	61.61	68.20	-6.59	3	Horizontal	333	2.64
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41772G	37.88	54.00	-16.12	3	Vertical	338	1.76
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4152G	51.31	74.00	-22.69	3	Vertical	338	1.76
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.11044G	58.97	68.20	-9.23	3	Vertical	73	1.70
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39804G	37.79	54.00	-16.21	3	Horizontal	277	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4308G	51.67	74.00	-22.33	3	Horizontal	277	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12364G	59.18	68.20	-9.02	3	Horizontal	313	1.66
5755MHz	Pass	AV	5.4598G	45.26	54.00	-8.74	3	Vertical	238	1.92
5755MHz	Pass	AV	5.7574G	106.18	Inf	-Inf	3	Vertical	238	1.92
5755MHz	Pass	PK	5.647G	67.11	68.20	-1.09	3	Vertical	238	1.92
5755MHz	Pass	PK	5.7478G	118.95	Inf	-Inf	3	Vertical	238	1.92
5755MHz	Pass	PK	5.947G	60.42	68.20	-7.78	3	Vertical	238	1.92
5755MHz	Pass	AV	5.4586G	45.14	54.00	-8.86	3	Horizontal	238	1.92
5755MHz	Pass	AV	5.7478G	106.19	Inf	-Inf	3	Horizontal	238	1.92
5755MHz	Pass	PK	5.6494G	66.88	68.20	-1.32	3	Horizontal	238	1.92
5755MHz	Pass	PK	5.767G	118.88	Inf	-Inf	3	Horizontal	238	1.92
5755MHz	Pass	PK	5.9254G	60.15	68.20	-8.05	3	Horizontal	238	1.92
5755MHz	Pass	AV	11.51852G	38.14	54.00	-15.86	3	Vertical	323	1.25
5755MHz	Pass	PK	11.5238G	52.02	74.00	-21.98	3	Vertical	323	1.25
5755MHz	Pass	PK	17.28732G	58.59	68.20	-9.61	3	Vertical	160	1.50
5755MHz	Pass	AV	11.50124G	37.88	54.00	-16.12	3	Horizontal	298	1.50
5755MHz	Pass	PK	11.50328G	51.05	74.00	-22.95	3	Horizontal	298	1.50
5755MHz	Pass	PK	17.29356G	58.01	68.20	-10.19	3	Horizontal	42	1.50
5795MHz	Pass	AV	5.801G	105.70	Inf	-Inf	3	Vertical	237	1.90
5795MHz	Pass	PK	5.645G	60.95	68.20	-7.25	3	Vertical	237	1.90
5795MHz	Pass	PK	5.8046G	117.88	Inf	-Inf	3	Vertical	237	1.90
5795MHz	Pass	PK	5.927G	65.15	68.20	-3.05	3	Vertical	237	1.90
5795MHz	Pass	AV	5.7914G	104.28	Inf	-Inf	3	Horizontal	320	1.85
5795MHz	Pass	PK	5.6378G	59.34	68.20	-8.86	3	Horizontal	320	1.85
5795MHz	Pass	PK	5.7926G	116.29	Inf	-Inf	3	Horizontal	320	1.85
5795MHz	Pass	PK	5.9246G	66.12	68.50	-2.38	3	Horizontal	320	1.85
5795MHz	Pass	AV	11.56972G	37.68	54.00	-16.32	3	Vertical	320	1.64
5795MHz	Pass	PK	11.5882G	51.24	74.00	-22.76	3	Vertical	320	1.64
5795MHz	Pass	PK	17.37648G	58.51	68.20	-9.69	3	Vertical	158	1.50
5795MHz	Pass	AV	11.56132G	37.57	54.00	-16.43	3	Horizontal	214	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	PK	11.6104G	51.02	74.00	-22.98	3	Horizontal	214	1.50
5795MHz	Pass	PK	17.36148G	58.36	68.20	-9.84	3	Horizontal	171	1.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	52.56	54.00	-1.44	3	Vertical	232	2.11
5210MHz	Pass	AV	5.203G	97.86	Inf	-Inf	3	Vertical	232	2.11
5210MHz	Pass	AV	5.351G	44.68	54.00	-9.32	3	Vertical	232	2.11
5210MHz	Pass	PK	5.146G	65.18	74.00	-8.82	3	Vertical	232	2.11
5210MHz	Pass	PK	5.225G	111.43	Inf	-Inf	3	Vertical	232	2.11
5210MHz	Pass	PK	5.359G	57.31	74.00	-16.69	3	Vertical	232	2.11
5210MHz	Pass	AV	5.15G	46.25	54.00	-7.75	3	Horizontal	308	1.20
5210MHz	Pass	AV	5.2G	94.93	Inf	-Inf	3	Horizontal	308	1.20
5210MHz	Pass	AV	5.376G	43.50	54.00	-10.50	3	Horizontal	308	1.20
5210MHz	Pass	PK	5.149G	60.26	74.00	-13.74	3	Horizontal	308	1.20
5210MHz	Pass	PK	5.189G	107.57	Inf	-Inf	3	Horizontal	308	1.20
5210MHz	Pass	PK	5.367G	55.55	74.00	-18.45	3	Horizontal	308	1.20
5210MHz	Pass	AV	15.57168G	43.30	54.00	-10.70	3	Vertical	110	1.50
5210MHz	Pass	PK	10.38376G	49.77	68.20	-18.43	3	Vertical	54	1.50
5210MHz	Pass	PK	15.61512G	56.44	74.00	-17.56	3	Vertical	110	1.50
5210MHz	Pass	AV	15.57552G	43.26	54.00	-10.74	3	Horizontal	89	2.46
5210MHz	Pass	PK	10.4668G	50.07	68.20	-18.13	3	Horizontal	124	3.00
5210MHz	Pass	PK	15.57912G	57.04	74.00	-16.96	3	Horizontal	89	2.46
5290MHz	Pass	AV	5.149G	46.15	54.00	-7.85	3	Vertical	233	2.13
5290MHz	Pass	AV	5.299G	98.88	Inf	-Inf	3	Vertical	233	2.13
5290MHz	Pass	AV	5.35G	51.57	54.00	-2.43	3	Vertical	233	2.13
5290MHz	Pass	PK	5.14G	59.35	74.00	-14.65	3	Vertical	233	2.13
5290MHz	Pass	PK	5.3G	111.56	Inf	-Inf	3	Vertical	233	2.13
5290MHz	Pass	PK	5.351G	70.50	74.00	-3.50	3	Vertical	233	2.13
5290MHz	Pass	PK	5.461G	63.29	68.20	-4.91	3	Vertical	233	2.13
5290MHz	Pass	AV	5.15G	43.84	54.00	-10.16	3	Horizontal	315	1.92
5290MHz	Pass	AV	5.3G	96.12	Inf	-Inf	3	Horizontal	315	1.92
5290MHz	Pass	AV	5.35G	49.32	54.00	-4.68	3	Horizontal	315	1.92
5290MHz	Pass	PK	5.145G	56.42	74.00	-17.58	3	Horizontal	315	1.92
5290MHz	Pass	PK	5.282G	108.34	Inf	-Inf	3	Horizontal	315	1.92
5290MHz	Pass	PK	5.35G	64.89	74.00	-9.11	3	Horizontal	315	1.92
5290MHz	Pass	PK	5.461G	56.87	68.20	-11.33	3	Horizontal	315	1.92
5290MHz	Pass	AV	15.86928G	42.38	54.00	-11.62	3	Vertical	192	2.38
5290MHz	Pass	PK	10.57916G	49.85	68.20	-18.35	3	Vertical	66	2.05
5290MHz	Pass	PK	15.86989G	55.69	74.00	-18.31	3	Vertical	192	2.38
5290MHz	Pass	AV	15.86985G	42.35	54.00	-11.65	3	Horizontal	230	2.90
5290MHz	Pass	PK	10.5868G	50.38	68.20	-17.82	3	Horizontal	217	1.35
5290MHz	Pass	PK	15.87099G	55.75	74.00	-18.25	3	Horizontal	230	2.90
5530MHz	Pass	AV	5.35G	43.53	54.00	-10.47	3	Vertical	226	2.01
5530MHz	Pass	AV	5.46G	53.67	54.00	-0.33	3	Vertical	226	2.01
5530MHz	Pass	AV	5.533G	98.98	Inf	-Inf	3	Vertical	226	2.01
5530MHz	Pass	PK	5.33G	56.02	68.20	-12.18	3	Vertical	226	2.01
5530MHz	Pass	PK	5.458G	65.75	74.00	-8.25	3	Vertical	226	2.01
5530MHz	Pass	PK	5.469G	67.69	68.20	-0.51	3	Vertical	226	2.01
5530MHz	Pass	PK	5.552G	111.41	Inf	-Inf	3	Vertical	226	2.01
5530MHz	Pass	PK	5.773G	57.27	68.20	-10.93	3	Vertical	226	2.01
5530MHz	Pass	AV	5.35G	42.85	54.00	-11.15	3	Horizontal	309	1.84
5530MHz	Pass	AV	5.46G	47.07	54.00	-6.93	3	Horizontal	309	1.84
5530MHz	Pass	AV	5.523G	94.84	Inf	-Inf	3	Horizontal	309	1.84
5530MHz	Pass	PK	5.297G	56.12	68.20	-12.08	3	Horizontal	309	1.84
5530MHz	Pass	PK	5.41G	59.06	74.00	-14.94	3	Horizontal	309	1.84
5530MHz	Pass	PK	5.464G	62.05	68.20	-6.15	3	Horizontal	309	1.84
5530MHz	Pass	PK	5.512G	106.78	Inf	-Inf	3	Horizontal	309	1.84
5530MHz	Pass	PK	5.758G	56.41	68.20	-11.79	3	Horizontal	309	1.84
5530MHz	Pass	AV	11.0596G	36.68	54.00	-17.32	3	Vertical	338	2.40
5530MHz	Pass	PK	11.06032G	49.83	74.00	-24.17	3	Vertical	338	2.40
5530MHz	Pass	PK	16.59098G	57.64	68.20	-10.56	3	Vertical	170	1.25
5530MHz	Pass	AV	11.05972G	36.71	54.00	-17.29	3	Horizontal	233	1.97
5530MHz	Pass	PK	11.06644G	49.55	74.00	-24.45	3	Horizontal	233	1.97

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5530MHz	Pass	PK	16.59048G	58.40	68.20	-9.80	3	Horizontal	326	2.72
5610MHz	Pass	AV	5.46G	45.86	54.00	-8.14	3	Vertical	225	1.88
5610MHz	Pass	AV	5.592G	99.84	Inf	-Inf	3	Vertical	225	1.88
5610MHz	Pass	PK	5.451G	61.25	74.00	-12.75	3	Vertical	225	1.88
5610MHz	Pass	PK	5.463G	61.57	68.20	-6.63	3	Vertical	225	1.88
5610MHz	Pass	PK	5.594G	111.68	Inf	-Inf	3	Vertical	225	1.88
5610MHz	Pass	PK	5.725G	65.20	68.20	-3.00	3	Vertical	225	1.88
5610MHz	Pass	AV	5.375G	43.49	54.00	-10.51	3	Horizontal	307	1.92
5610MHz	Pass	AV	5.605G	96.26	Inf	-Inf	3	Horizontal	307	1.92
5610MHz	Pass	PK	5.458G	55.87	74.00	-18.13	3	Horizontal	307	1.92
5610MHz	Pass	PK	5.47G	56.45	68.20	-11.75	3	Horizontal	307	1.92
5610MHz	Pass	PK	5.616G	109.63	Inf	-Inf	3	Horizontal	307	1.92
5610MHz	Pass	PK	5.729G	59.60	68.20	-8.60	3	Horizontal	307	1.92
5610MHz	Pass	AV	11.22068G	37.51	54.00	-16.49	3	Vertical	206	2.37
5610MHz	Pass	PK	11.21952G	50.83	74.00	-23.17	3	Vertical	206	2.37
5610MHz	Pass	PK	16.83048G	57.41	68.20	-10.79	3	Vertical	77	2.65
5610MHz	Pass	AV	11.21096G	37.66	54.00	-16.34	3	Horizontal	24	2.67
5610MHz	Pass	PK	11.21216G	50.60	74.00	-23.40	3	Horizontal	24	2.67
5610MHz	Pass	PK	16.83062G	57.10	68.20	-11.10	3	Horizontal	7	1.98
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	45.53	54.00	-8.47	3	Vertical	226	2.04
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6936G	100.73	Inf	-Inf	3	Vertical	226	2.04
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	58.46	74.00	-15.54	3	Vertical	226	2.04
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	59.59	68.20	-8.61	3	Vertical	226	2.04
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6816G	113.85	Inf	-Inf	3	Vertical	226	2.04
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8748G	66.99	68.20	-1.21	3	Vertical	226	2.04
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	43.57	54.00	-10.43	3	Horizontal	323	2.03
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6744G	97.73	Inf	-Inf	3	Horizontal	323	2.03
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.3948G	56.28	74.00	-17.72	3	Horizontal	323	2.03
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	56.07	68.20	-12.13	3	Horizontal	323	2.03
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6936G	109.82	Inf	-Inf	3	Horizontal	323	2.03
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8652G	63.54	68.20	-4.66	3	Horizontal	323	2.03
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38036G	37.63	54.00	-16.37	3	Vertical	205	2.37
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38084G	51.70	74.00	-22.30	3	Vertical	205	2.37
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06958G	59.71	68.20	-8.49	3	Vertical	45	1.82
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3806G	37.57	54.00	-16.43	3	Horizontal	221	1.75
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37792G	51.19	74.00	-22.81	3	Horizontal	221	1.75
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06978G	59.76	68.20	-8.44	3	Horizontal	40	2.60
5775MHz	Pass	AV	5.7726G	98.96	Inf	-Inf	3	Vertical	227	1.97
5775MHz	Pass	PK	5.5782G	58.67	68.20	-9.53	3	Vertical	227	1.97
5775MHz	Pass	PK	5.7726G	111.99	Inf	-Inf	3	Vertical	227	1.97
5775MHz	Pass	PK	5.9358G	58.63	68.20	-9.57	3	Vertical	227	1.97
5775MHz	Pass	AV	5.7822G	97.25	Inf	-Inf	3	Horizontal	309	1.69
5775MHz	Pass	PK	5.6454G	66.93	68.20	-1.27	3	Horizontal	309	1.69
5775MHz	Pass	PK	5.7822G	110.25	Inf	-Inf	3	Horizontal	309	1.69
5775MHz	Pass	PK	5.9346G	66.63	68.20	-1.57	3	Horizontal	309	1.69
5775MHz	Pass	AV	11.5491G	37.34	54.00	-16.66	3	Vertical	137	2.69
5775MHz	Pass	PK	11.55077G	50.80	74.00	-23.20	3	Vertical	137	2.69
5775MHz	Pass	PK	17.32556G	57.92	68.20	-10.28	3	Vertical	45	1.89
5775MHz	Pass	AV	11.55396G	37.39	54.00	-16.61	3	Horizontal	354	2.29
5775MHz	Pass	PK	11.54784G	50.53	74.00	-23.47	3	Horizontal	354	2.29
5775MHz	Pass	PK	17.32477G	57.94	68.20	-10.26	3	Horizontal	8	1.66

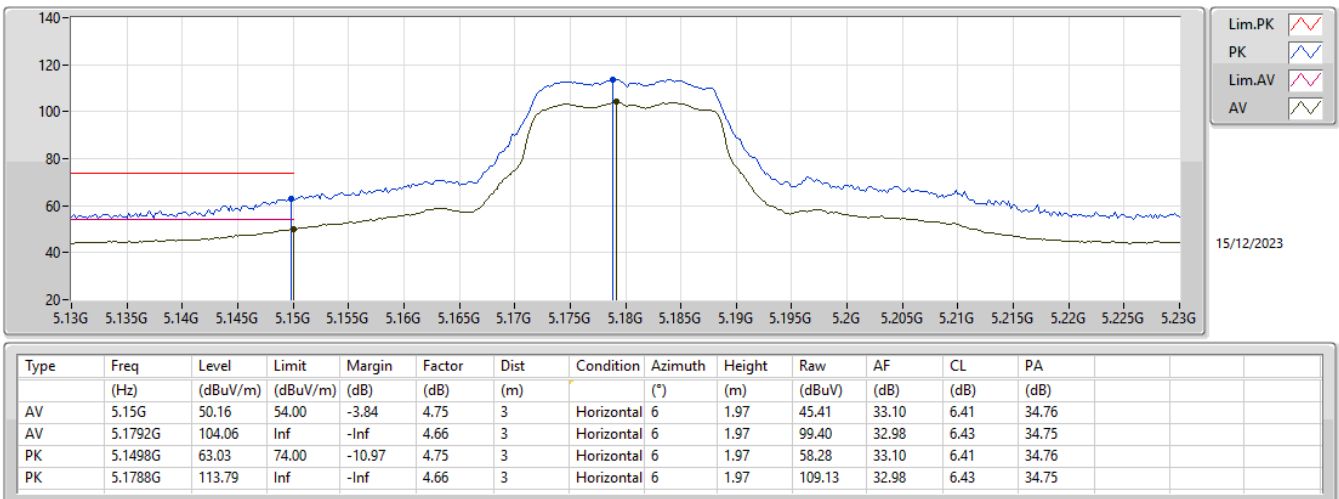
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX



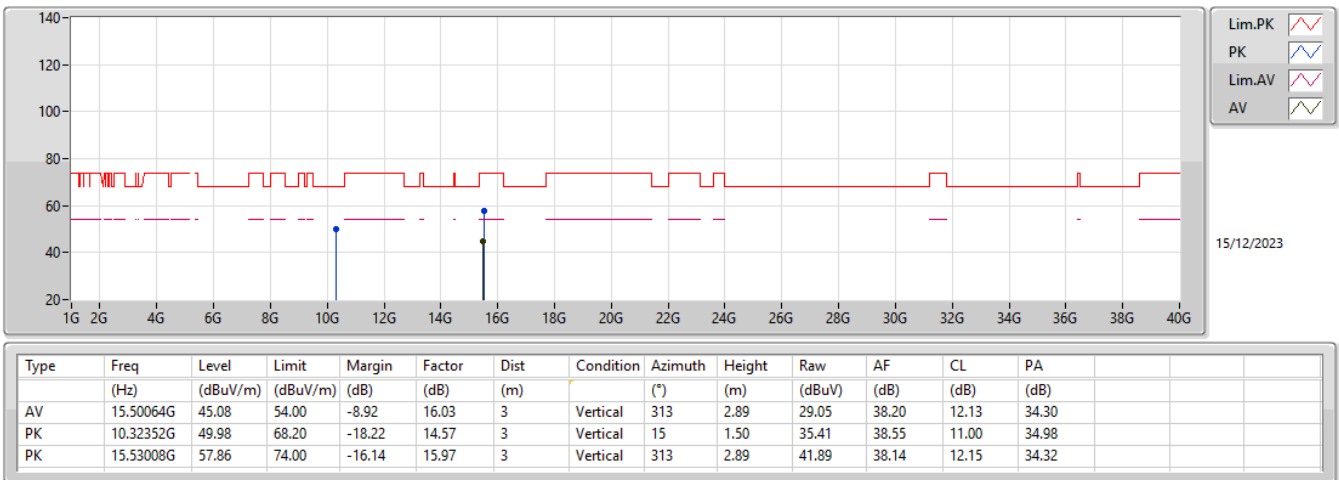
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5180MHz_TX



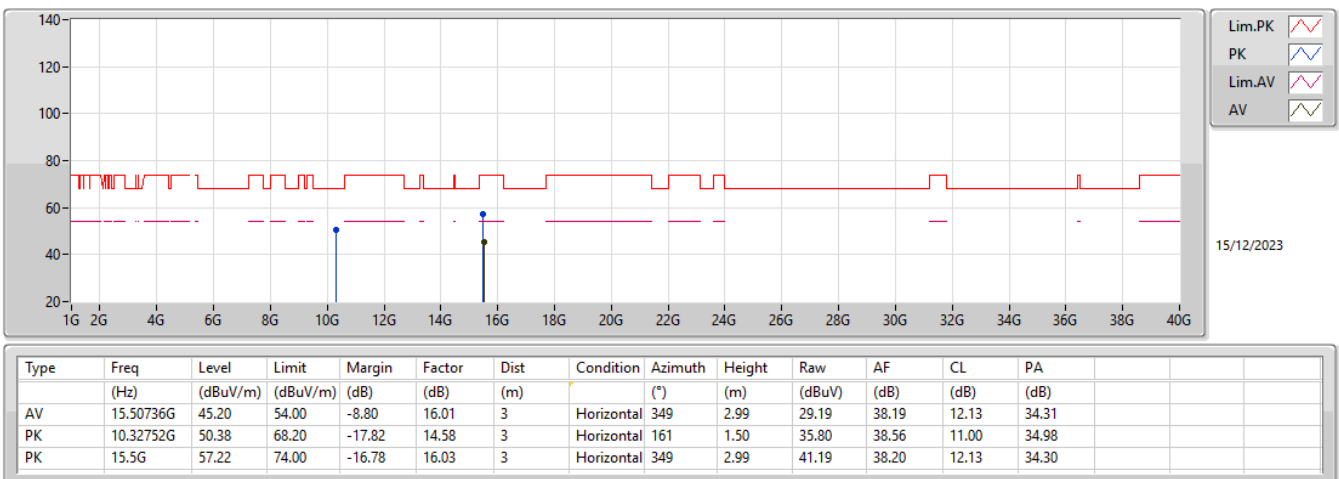
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5180MHz_TX



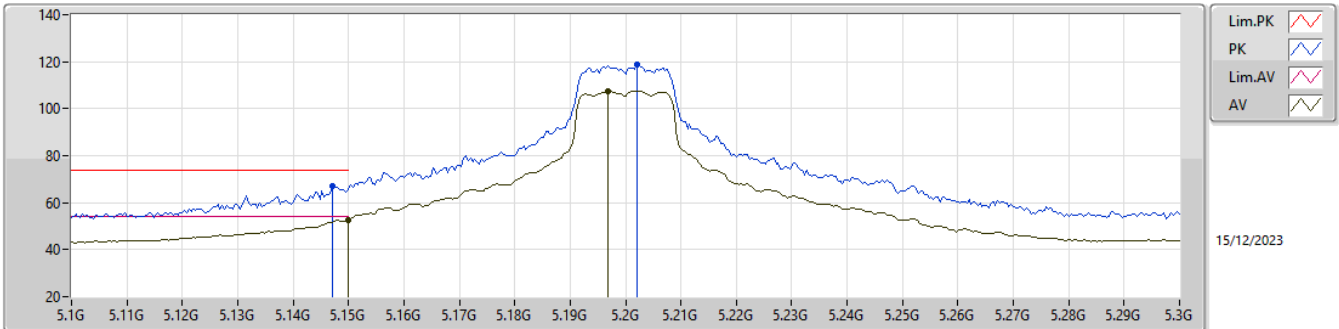
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5180MHz_TX



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

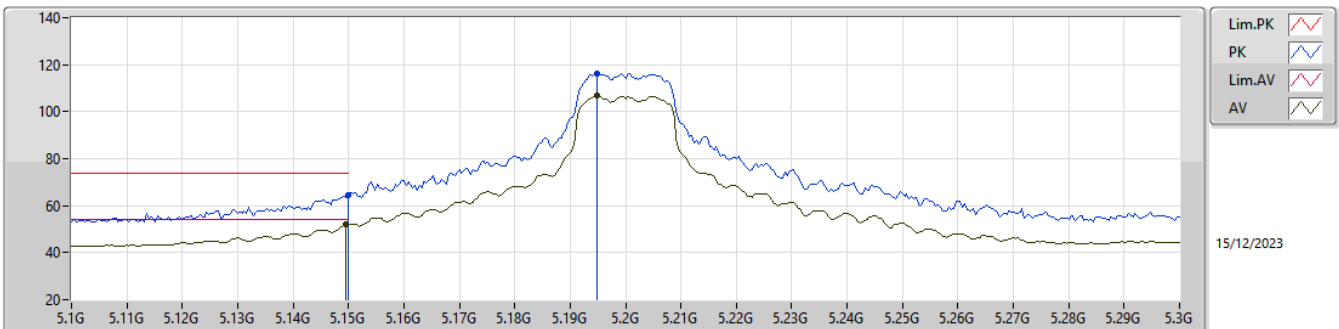
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.79	54.00	-1.21	4.75	3	Vertical	27	1.82	48.04	33.10	6.41	34.76
AV	5.1968G	107.49	Inf	-Inf	4.61	3	Vertical	27	1.82	102.88	32.91	6.45	34.75
PK	5.1472G	67.25	74.00	-6.75	4.73	3	Vertical	27	1.82	62.52	33.08	6.41	34.76
PK	5.202G	118.56	Inf	-Inf	4.60	3	Vertical	27	1.82	113.96	32.90	6.45	34.75

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

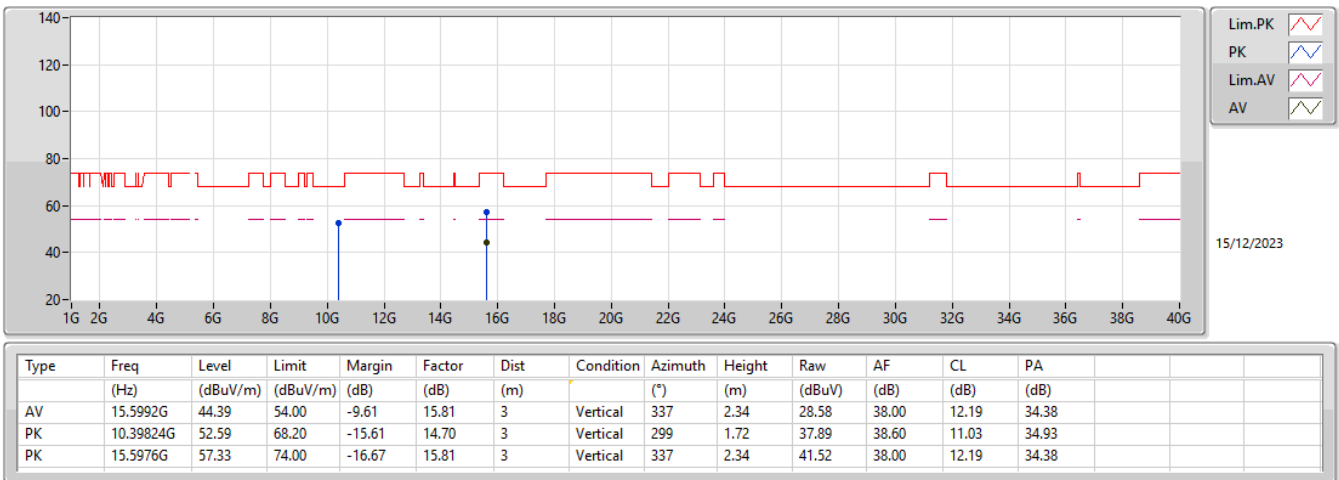
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.19	54.00	-1.81	4.75	3	Horizontal	2	1.96	47.44	33.10	6.41	34.76
AV	5.1948G	106.78	Inf	-Inf	4.62	3	Horizontal	2	1.96	102.16	32.92	6.45	34.75
PK	5.15G	64.60	74.00	-9.40	4.75	3	Horizontal	2	1.96	59.85	33.10	6.41	34.76
PK	5.1948G	116.45	Inf	-Inf	4.62	3	Horizontal	2	1.96	111.83	32.92	6.45	34.75

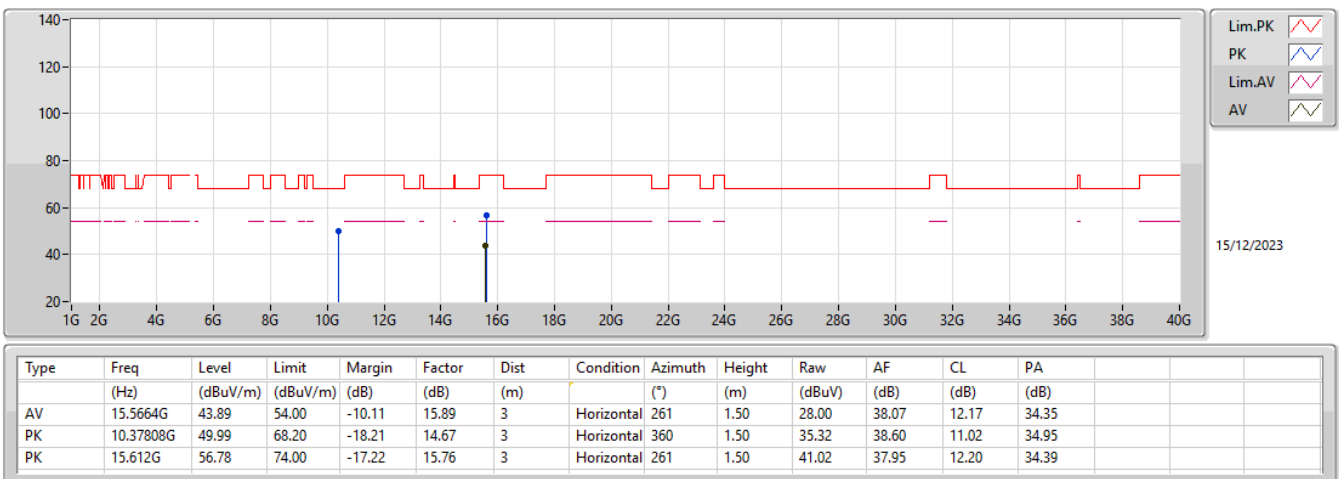
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX



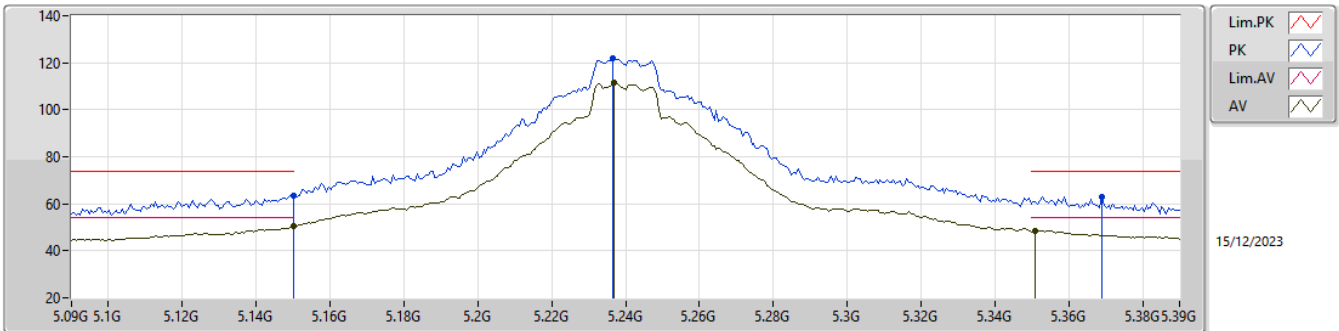
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX



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

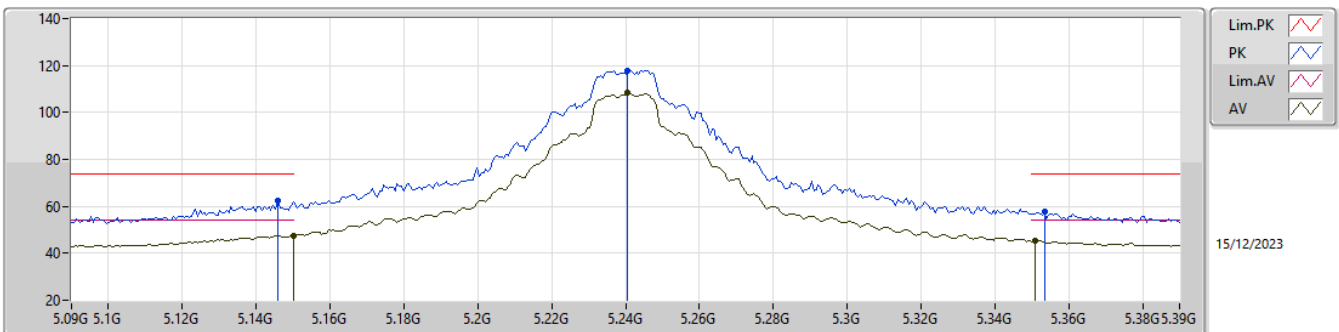
5240MHz_TX



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	50.39	54.00	-3.61	4.75	3	Vertical	268	1.96	45.64	33.10	6.41	34.76
AV	5.237G	111.51	Inf	-Inf	4.56	3	Vertical	268	1.96	106.95	32.83	6.48	34.75
AV	5.351G	48.54	54.00	-5.46	4.53	3	Vertical	268	1.96	44.01	32.70	6.56	34.73
PK	5.15G	63.70	74.00	-10.30	4.75	3	Vertical	268	1.96	58.95	33.10	6.41	34.76
PK	5.2364G	121.75	Inf	-Inf	4.56	3	Vertical	268	1.96	117.19	32.83	6.48	34.75
PK	5.369G	62.99	74.00	-11.01	4.50	3	Vertical	268	1.96	58.49	32.66	6.57	34.73

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

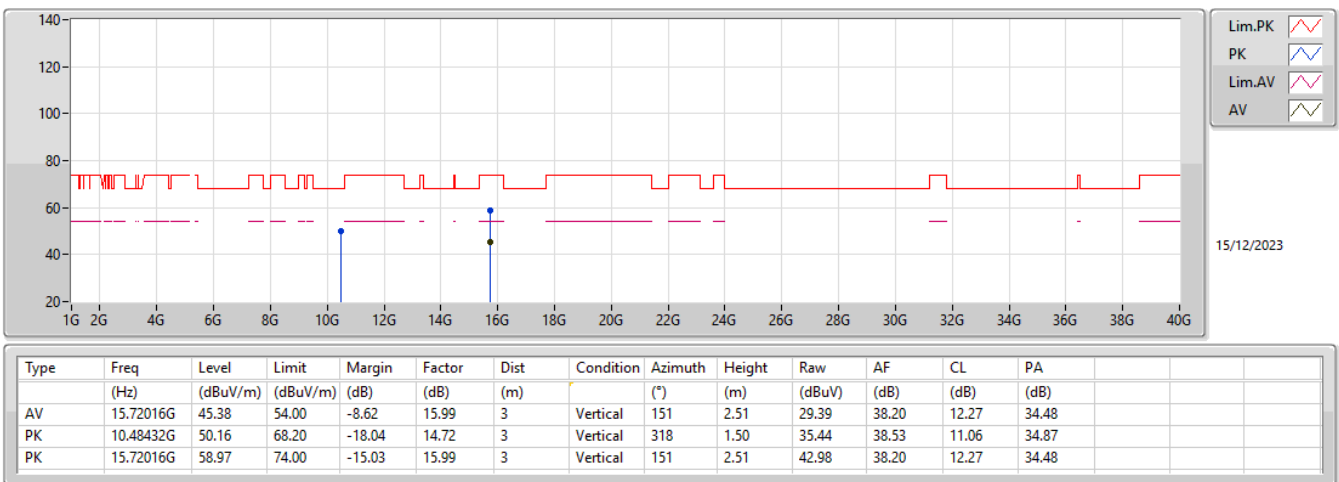
5240MHz_TX



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	47.54	54.00	-6.46	4.75	3	Horizontal	358	1.54	42.79	33.10	6.41	34.76
AV	5.2406G	108.33	Inf	-Inf	4.55	3	Horizontal	358	1.54	103.78	32.82	6.48	34.75
AV	5.351G	45.48	54.00	-8.52	4.53	3	Horizontal	358	1.54	40.95	32.70	6.56	34.73
PK	5.1458G	62.39	74.00	-11.61	4.72	3	Horizontal	358	1.54	57.67	33.07	6.41	34.76
PK	5.2406G	117.87	Inf	-Inf	4.55	3	Horizontal	358	1.54	113.32	32.82	6.48	34.75
PK	5.3534G	57.53	74.00	-16.47	4.52	3	Horizontal	358	1.54	53.01	32.69	6.56	34.73

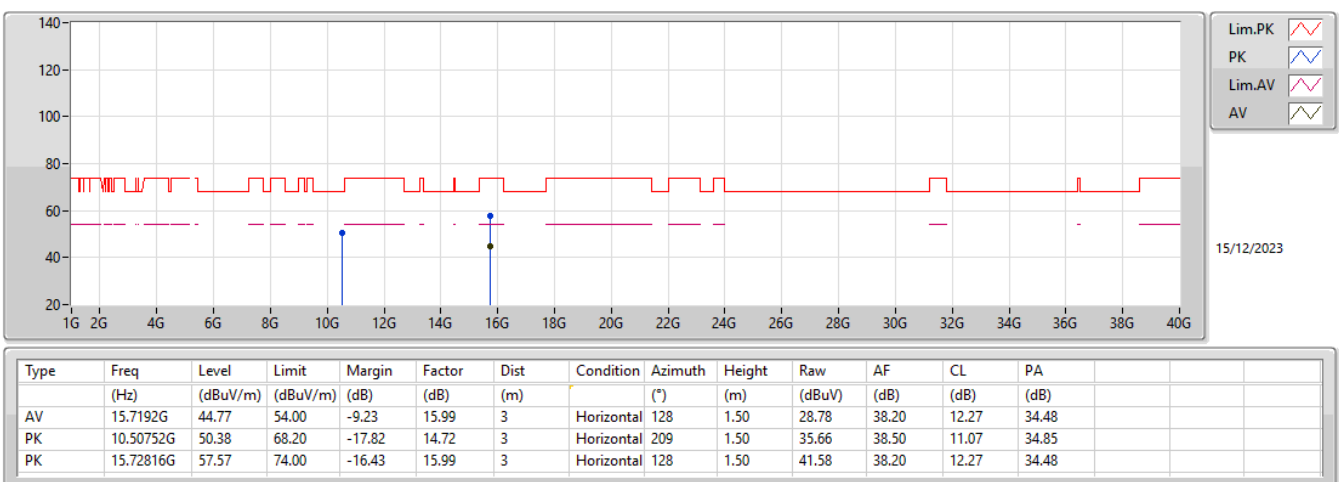
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX



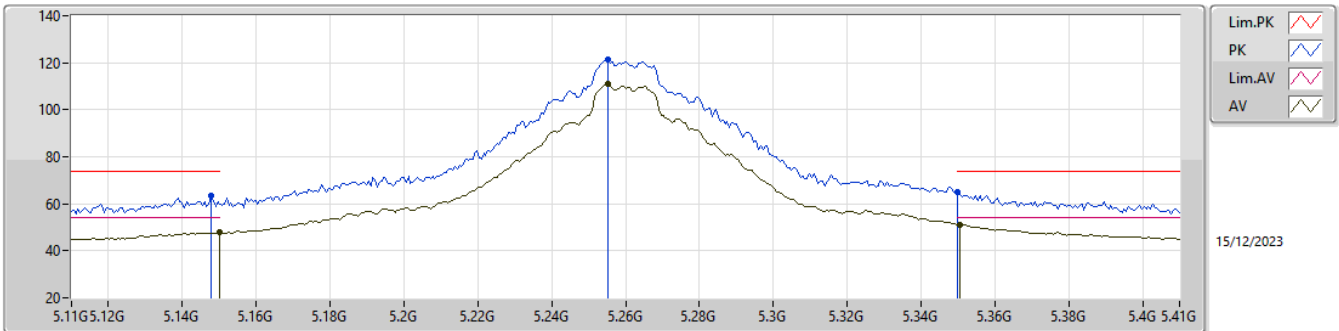
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX



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

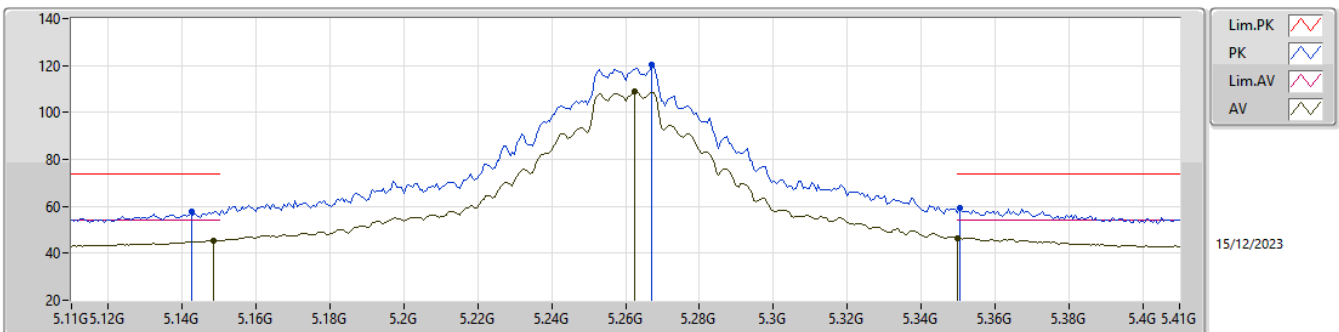
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	48.09	54.00	-5.91	4.75	3	Vertical	266	2.13	43.34	33.10	6.41	34.76
AV	5.2552G	110.83	Inf	-Inf	4.54	3	Vertical	266	2.13	106.29	32.79	6.49	34.74
AV	5.3506G	51.04	54.00	-2.96	4.53	3	Vertical	266	2.13	46.51	32.70	6.56	34.73
PK	5.1478G	63.40	74.00	-10.60	4.74	3	Vertical	266	2.13	58.66	33.09	6.41	34.76
PK	5.2552G	121.32	Inf	-Inf	4.54	3	Vertical	266	2.13	116.78	32.79	6.49	34.74
PK	5.35G	65.05	74.00	-8.95	4.53	3	Vertical	266	2.13	60.52	32.70	6.56	34.73

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

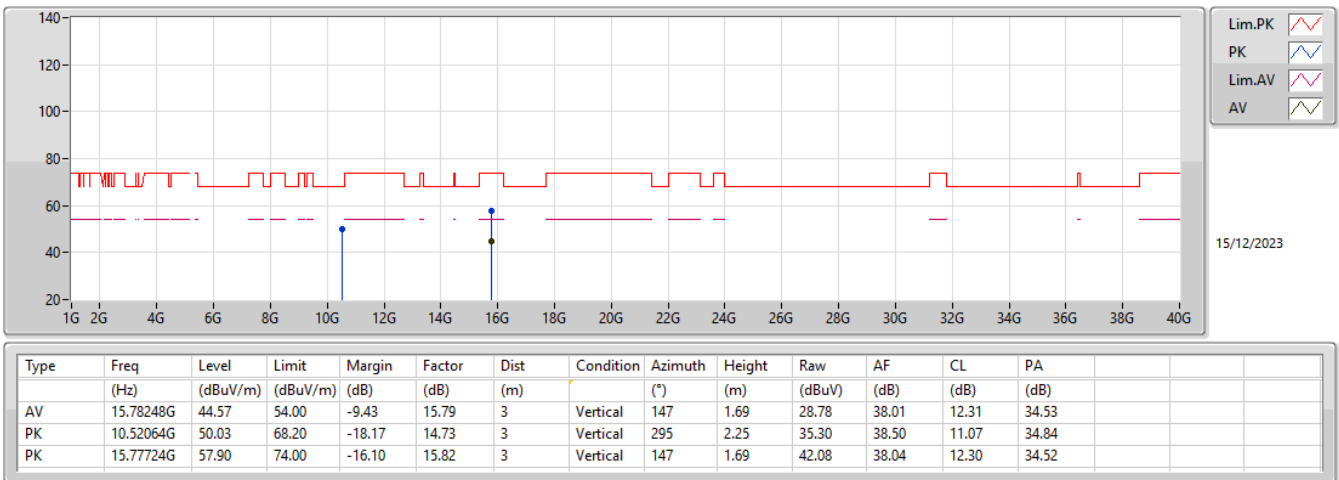
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	45.60	54.00	-8.40	4.74	3	Horizontal	360	1.84	40.86	33.09	6.41	34.76
AV	5.2624G	108.71	Inf	-Inf	4.53	3	Horizontal	360	1.84	104.18	32.78	6.49	34.74
AV	5.35G	46.41	54.00	-7.59	4.53	3	Horizontal	360	1.84	41.88	32.70	6.56	34.73
PK	5.1424G	57.98	74.00	-16.02	4.70	3	Horizontal	360	1.84	53.28	33.05	6.41	34.76
PK	5.2672G	120.17	Inf	-Inf	4.53	3	Horizontal	360	1.84	115.64	32.77	6.50	34.74
PK	5.3506G	59.50	74.00	-14.50	4.53	3	Horizontal	360	1.84	54.97	32.70	6.56	34.73

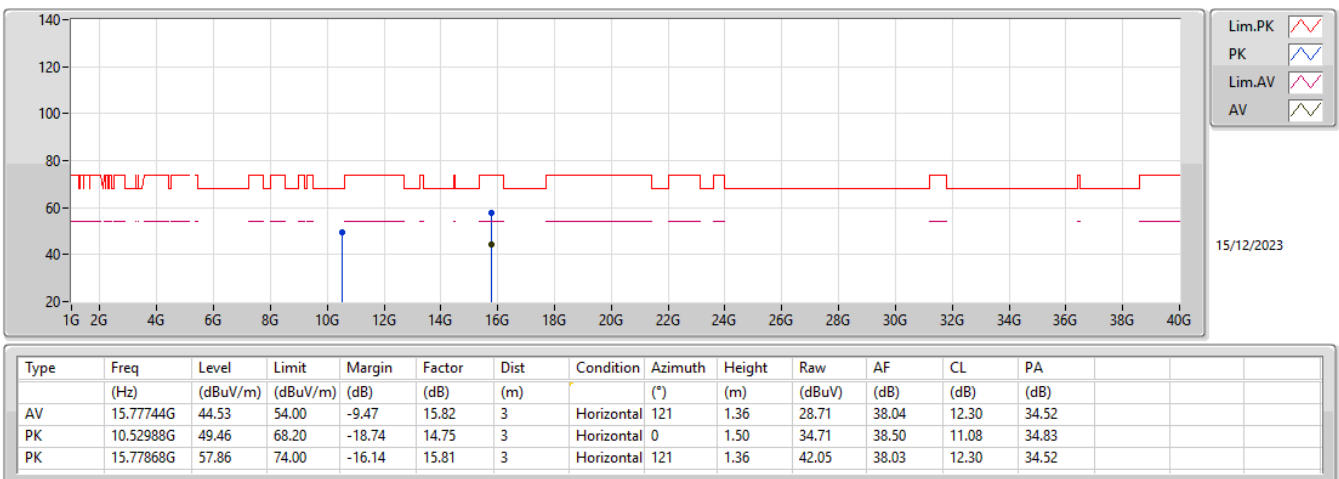
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX



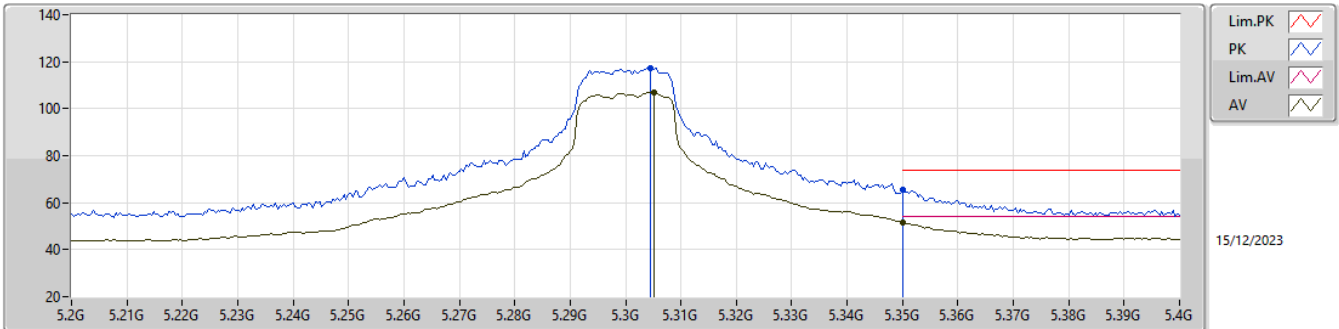
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX



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

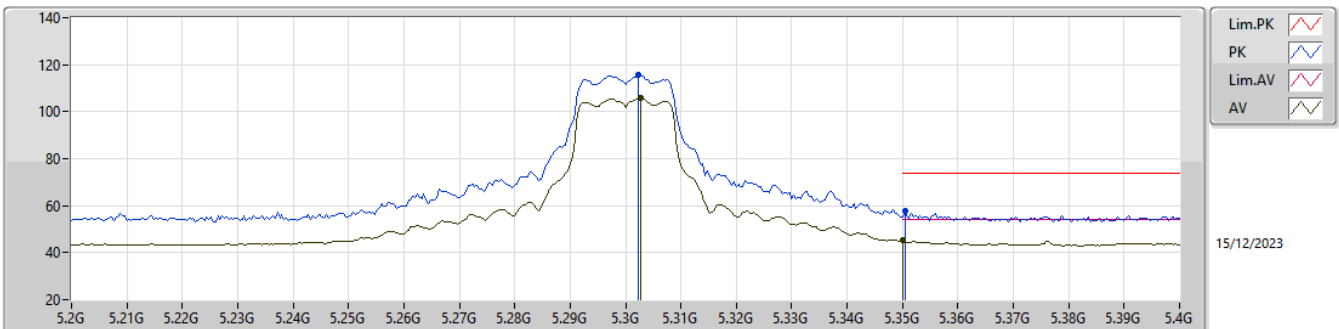
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.3052G	107.01	Inf	-Inf	4.48	3	Vertical	265	1.98	102.53	32.70	6.52	34.74				
AV	5.35G	51.48	54.00	-2.52	4.53	3	Vertical	265	1.98	46.95	32.70	6.56	34.73				
PK	5.3044G	117.42	Inf	-Inf	4.48	3	Vertical	265	1.98	112.94	32.70	6.52	34.74				
PK	5.35G	65.27	74.00	-8.73	4.53	3	Vertical	265	1.98	60.74	32.70	6.56	34.73				

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

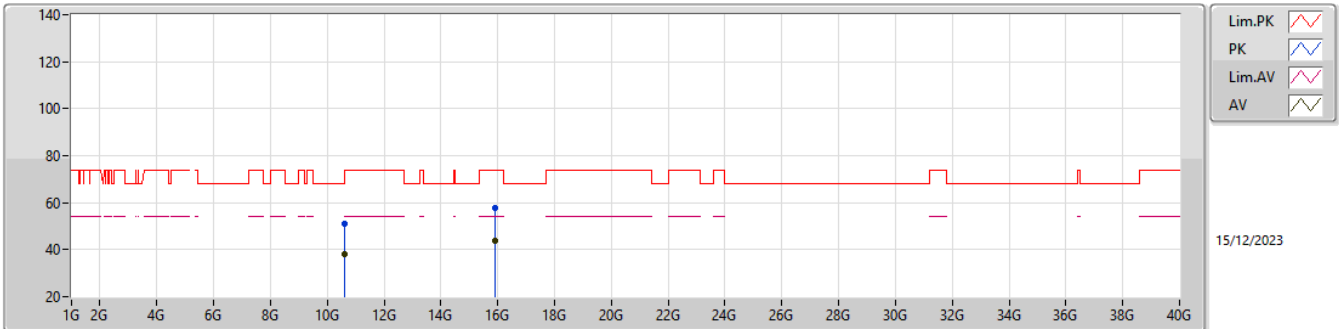
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)			
AV	5.3028G	105.61	Inf	-Inf	4.48	3	Horizontal	360	1.91	101.13	32.70	6.52	34.74			
AV	5.35G	45.16	54.00	-8.84	4.53	3	Horizontal	360	1.91	40.63	32.70	6.56	34.73			
PK	5.3024G	115.47	Inf	-Inf	4.48	3	Horizontal	360	1.91	110.99	32.70	6.52	34.74			
PK	5.3504G	57.90	74.00	-16.10	4.53	3	Horizontal	360	1.91	53.37	32.70	6.56	34.73			

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

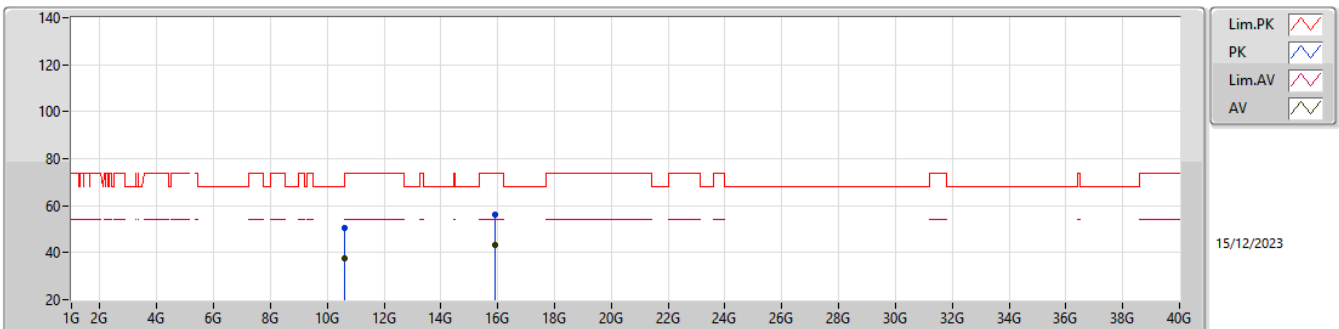
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6018G	38.31	54.00	-15.69	15.23	3	Vertical	227	1.78	23.08	38.90	11.10	34.77
AV	15.89708G	43.96	54.00	-10.04	15.66	3	Vertical	306	2.66	28.30	37.90	12.38	34.62
PK	10.602G	51.24	74.00	-22.76	15.23	3	Vertical	227	1.78	36.01	38.90	11.10	34.77
PK	15.90316G	57.72	74.00	-16.28	15.65	3	Vertical	306	2.66	42.07	37.89	12.38	34.62

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

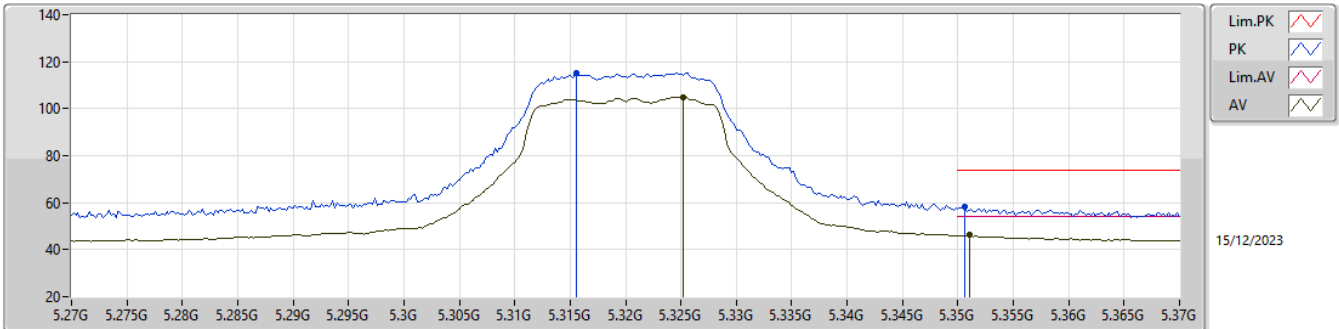
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.606G	37.44	54.00	-16.56	15.25	3	Horizontal	360	1.50	22.19	38.91	11.10	34.76
AV	15.89728G	43.17	54.00	-10.83	15.66	3	Horizontal	227	2.81	27.51	37.90	12.38	34.62
PK	10.60304G	50.58	74.00	-23.42	15.24	3	Horizontal	360	1.50	35.34	38.91	11.10	34.77
PK	15.89408G	56.45	74.00	-17.55	15.65	3	Horizontal	227	2.81	40.80	37.90	12.37	34.62

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

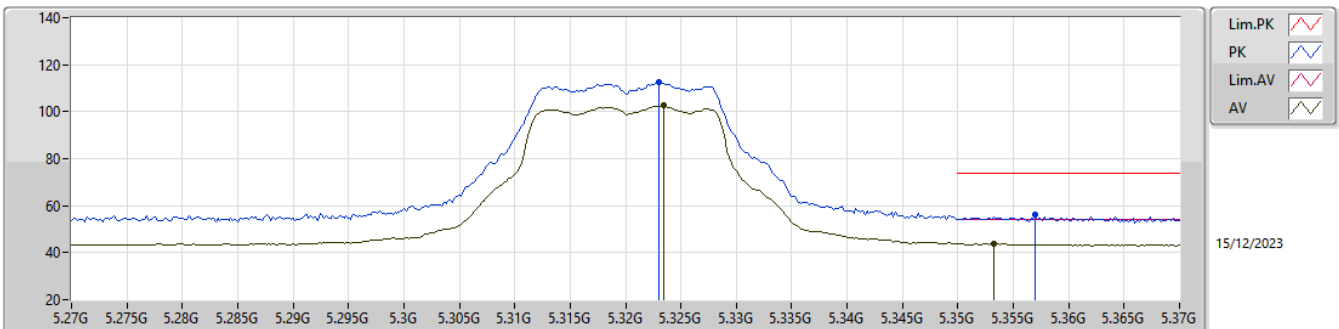
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3252G	104.85	Inf	-Inf	4.50	3	Vertical	263	2.13	100.35	32.70	6.54	34.74
AV	5.351G	46.15	54.00	-7.85	4.53	3	Vertical	263	2.13	41.62	32.70	6.56	34.73
PK	5.3156G	115.39	Inf	-Inf	4.49	3	Vertical	263	2.13	110.90	32.70	6.53	34.74
PK	5.3506G	58.40	74.00	-15.60	4.53	3	Vertical	263	2.13	53.87	32.70	6.56	34.73

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

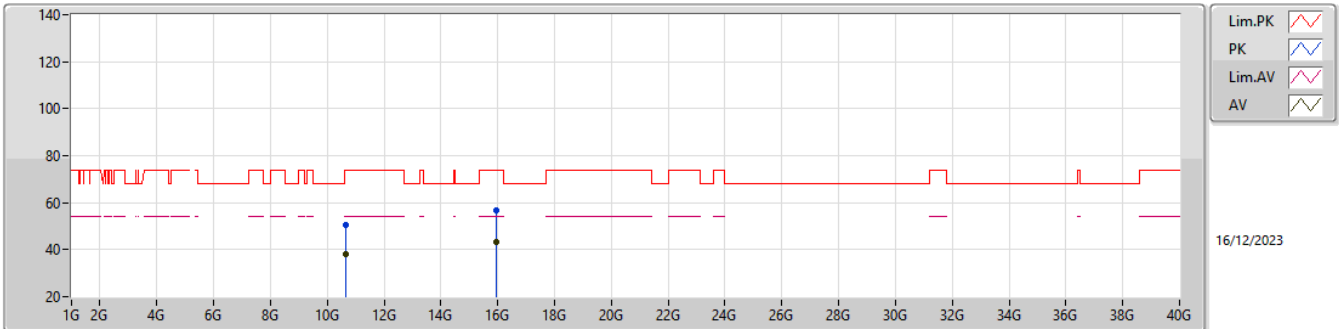
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3234G	102.52	Inf	-Inf	4.50	3	Horizontal	356	1.75	98.02	32.70	6.54	34.74
AV	5.3532G	43.78	54.00	-10.22	4.52	3	Horizontal	356	1.75	39.26	32.69	6.56	34.73
PK	5.323G	112.33	Inf	-Inf	4.50	3	Horizontal	356	1.75	107.83	32.70	6.54	34.74
PK	5.357G	55.96	74.00	-18.04	4.52	3	Horizontal	356	1.75	51.44	32.69	6.56	34.73

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

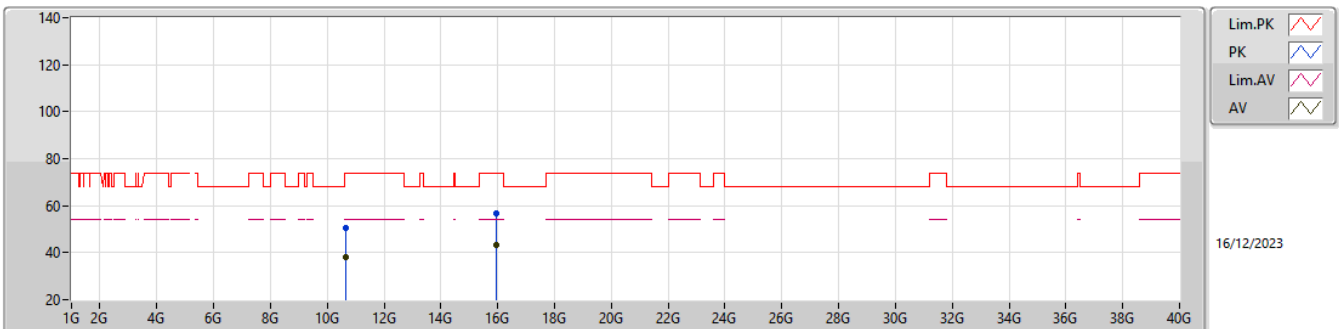
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64992G	37.85	54.00	-16.15	15.39	3	Vertical	110	1.45	22.46	39.00	11.12	34.73
AV	15.95408G	43.22	54.00	-10.78	15.44	3	Vertical	324	2.03	27.78	37.69	12.41	34.66
PK	10.64448G	50.41	74.00	-23.59	15.38	3	Vertical	110	1.45	35.03	38.99	11.12	34.73
PK	15.9572G	56.67	74.00	-17.33	15.43	3	Vertical	324	2.03	41.24	37.69	12.41	34.67

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

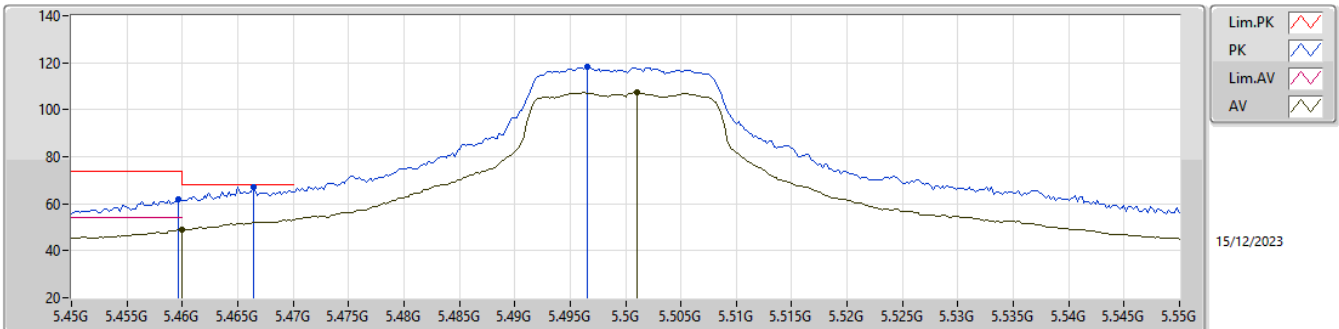
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64096G	37.87	54.00	-16.13	15.37	3	Horizontal	10	2.73	22.50	38.98	11.12	34.73
AV	15.963G	43.31	54.00	-10.69	15.42	3	Horizontal	306	2.44	27.89	37.67	12.42	34.67
PK	10.64976G	50.56	74.00	-23.44	15.39	3	Horizontal	10	2.73	35.17	39.00	11.12	34.73
PK	15.95212G	56.57	74.00	-17.43	15.45	3	Horizontal	306	2.44	41.12	37.70	12.41	34.66

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

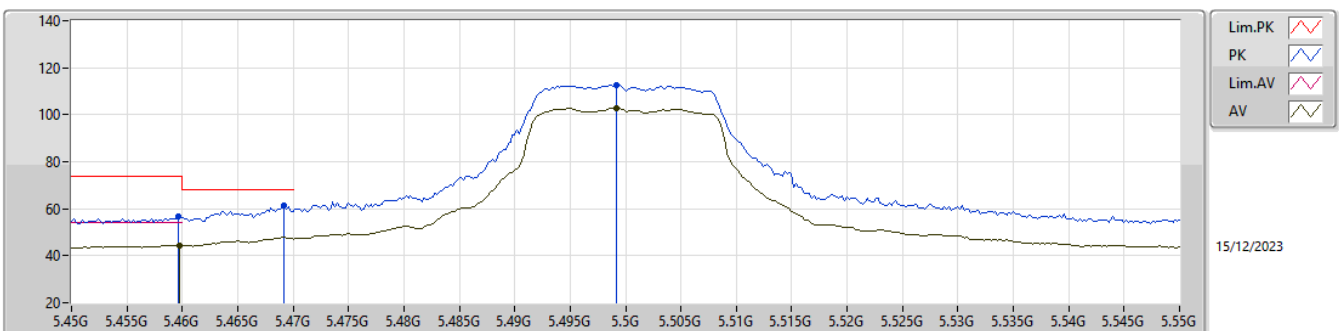
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.46G	48.99	54.00	-5.01	4.54	3	Vertical	260	2.02	44.45	32.62	6.64	34.72				
AV	5.501G	107.50	Inf	-Inf	4.66	3	Vertical	260	2.02	102.84	32.70	6.68	34.72				
PK	5.4596G	62.04	74.00	-11.96	4.54	3	Vertical	260	2.02	57.50	32.62	6.64	34.72				
PK	5.4664G	67.14	68.20	-1.06	4.56	3	Vertical	260	2.02	62.58	32.63	6.65	34.72				
PK	5.4966G	118.12	Inf	-Inf	4.65	3	Vertical	260	2.02	113.47	32.69	6.68	34.72				

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

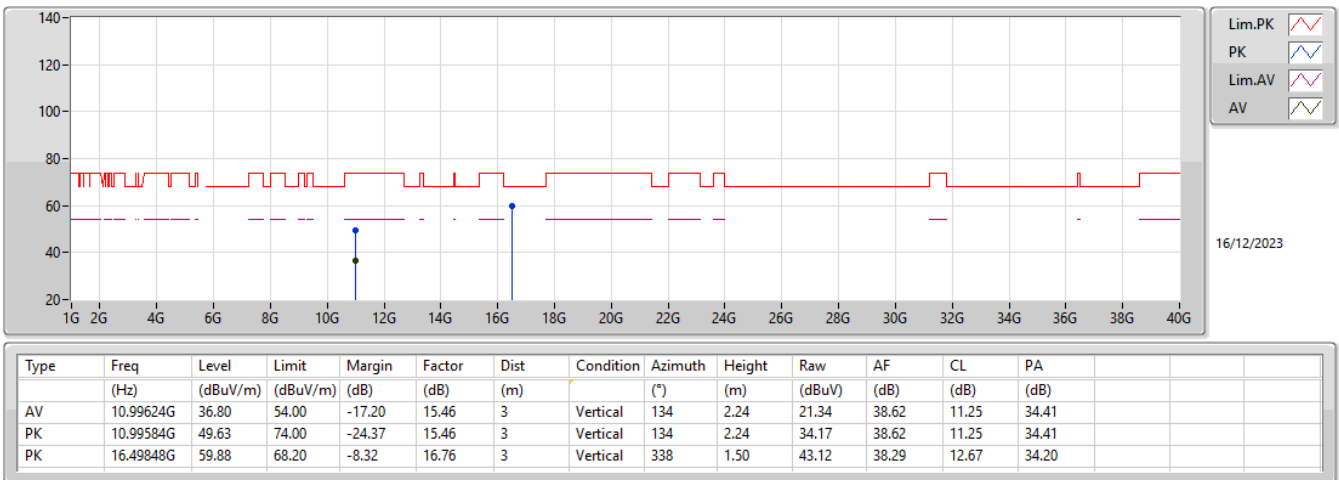
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4598G	44.56	54.00	-9.44	4.54	3	Horizontal	350	1.79	40.02	32.62	6.64	34.72				
AV	5.4992G	102.97	Inf	-Inf	4.66	3	Horizontal	350	1.79	98.31	32.70	6.68	34.72				
PK	5.4596G	56.63	74.00	-17.37	4.54	3	Horizontal	350	1.79	52.09	32.62	6.64	34.72				
PK	5.4692G	61.45	68.20	-6.75	4.57	3	Horizontal	350	1.79	56.88	32.64	6.65	34.72				
PK	5.4992G	112.62	Inf	-Inf	4.66	3	Horizontal	350	1.79	107.96	32.70	6.68	34.72				

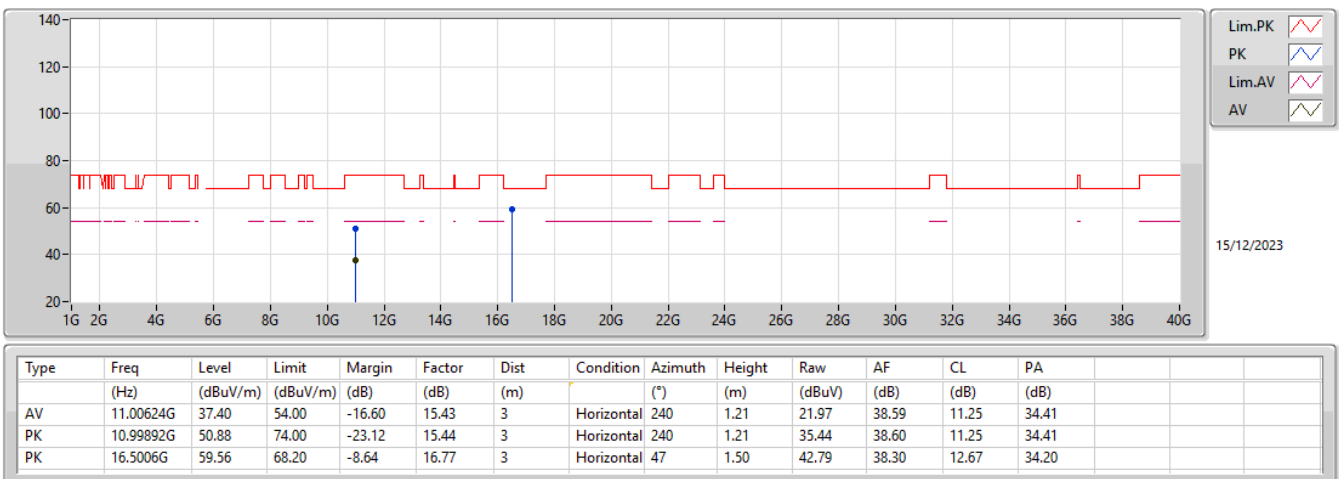
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



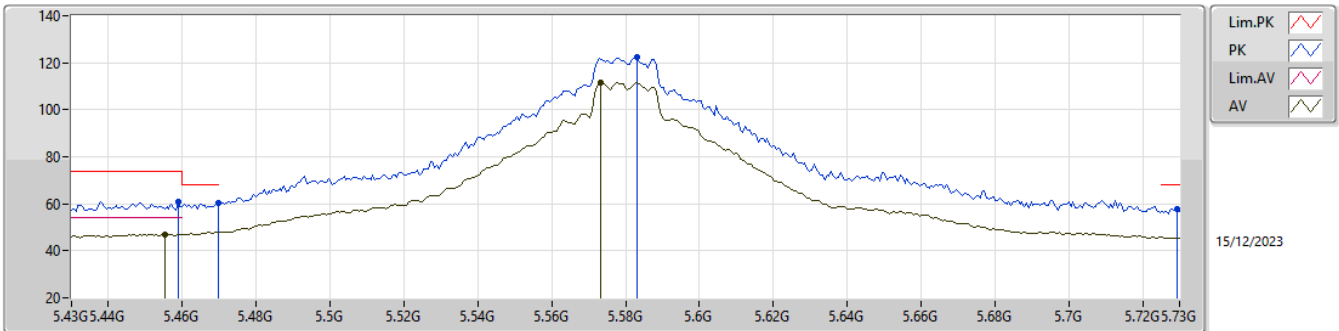
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



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

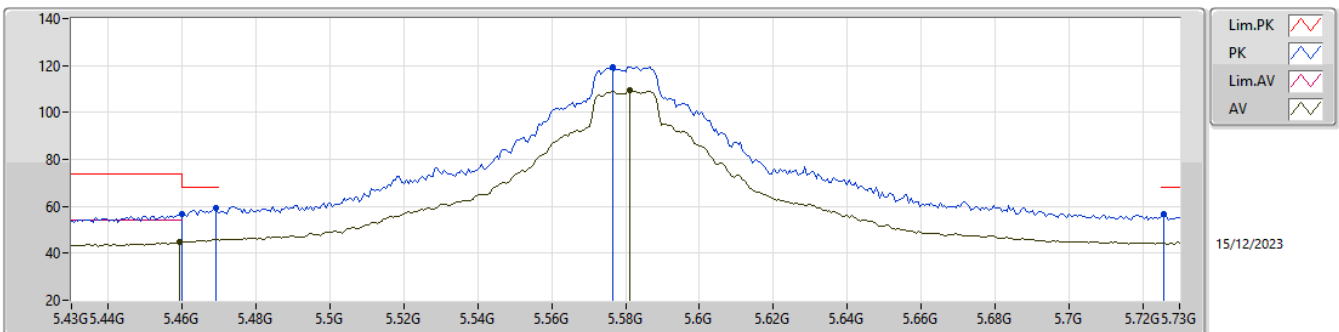
5580MHz_TX



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	5.4552G	46.94	54.00	-7.06	4.53	3	Vertical	257	2.05	42.41	32.61	6.64	34.72
AV	5.5734G	111.45	Inf	-Inf	4.77	3	Vertical	257	2.05	106.68	32.75	6.75	34.73
PK	5.4588G	60.86	74.00	-13.14	4.54	3	Vertical	257	2.05	56.32	32.62	6.64	34.72
PK	5.4696G	60.38	68.20	-7.82	4.57	3	Vertical	257	2.05	55.81	32.64	6.65	34.72
PK	5.583G	122.21	Inf	-Inf	4.78	3	Vertical	257	2.05	117.43	32.77	6.75	34.74
PK	5.7294G	57.79	68.20	-10.41	5.60	3	Vertical	257	2.05	52.19	33.52	6.85	34.77

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

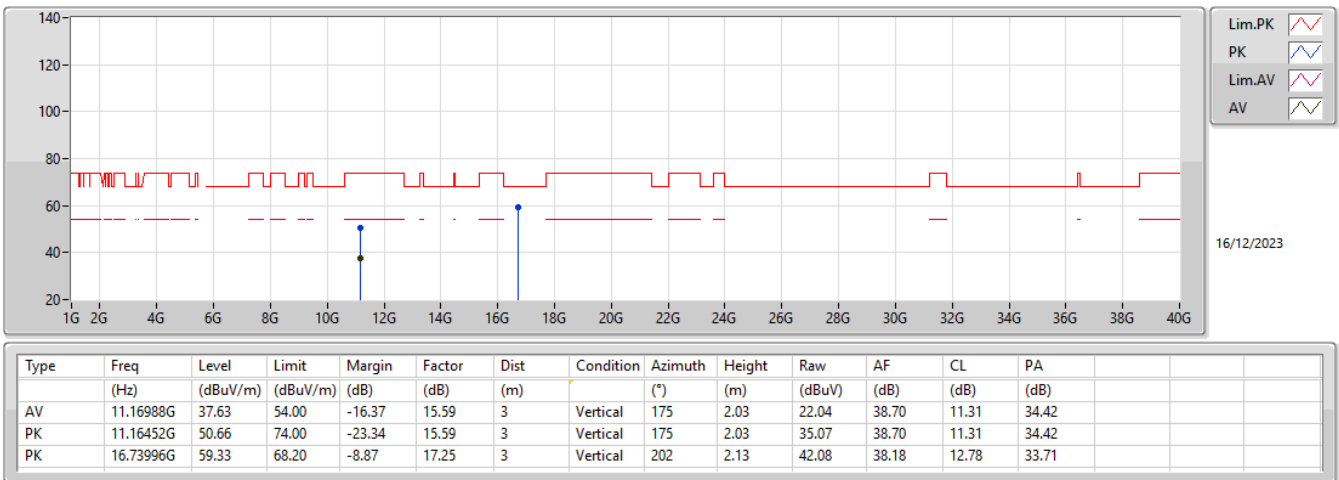
5580MHz_TX



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	5.4594G	44.71	54.00	-9.29	4.54	3	Horizontal	349	1.78	40.17	32.62	6.64	34.72
AV	5.5812G	109.33	Inf	-Inf	4.77	3	Horizontal	349	1.78	104.56	32.76	6.75	34.74
PK	5.46G	56.75	74.00	-17.25	4.54	3	Horizontal	349	1.78	52.21	32.62	6.64	34.72
PK	5.469G	59.13	68.20	-9.07	4.57	3	Horizontal	349	1.78	54.56	32.64	6.65	34.72
PK	5.5764G	119.55	Inf	-Inf	4.76	3	Horizontal	349	1.78	114.79	32.75	6.75	34.74
PK	5.7258G	56.49	68.20	-11.71	5.58	3	Horizontal	349	1.78	50.91	33.50	6.85	34.77

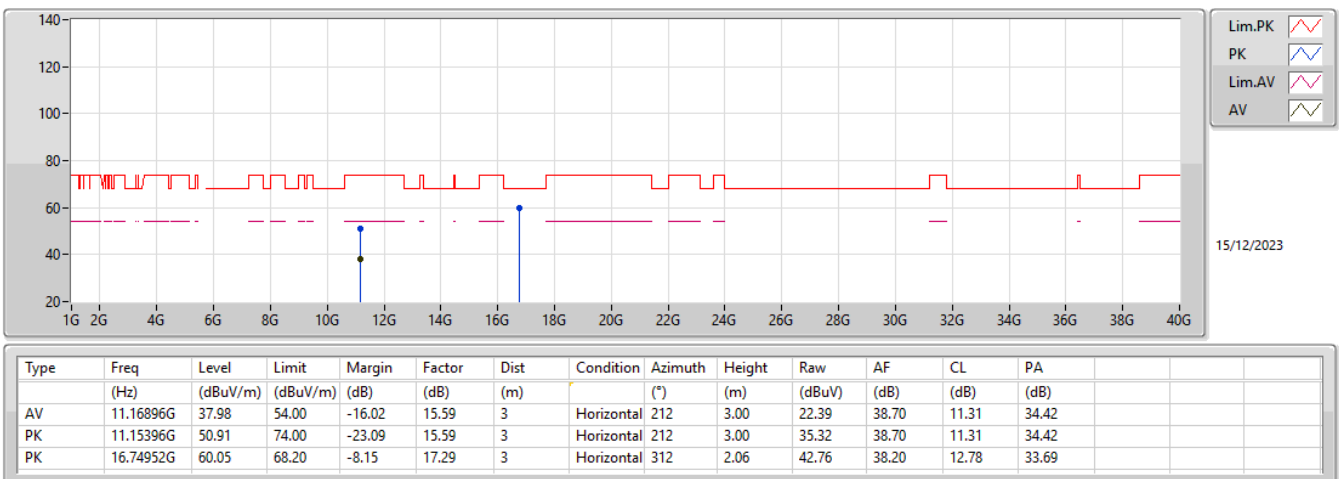
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX



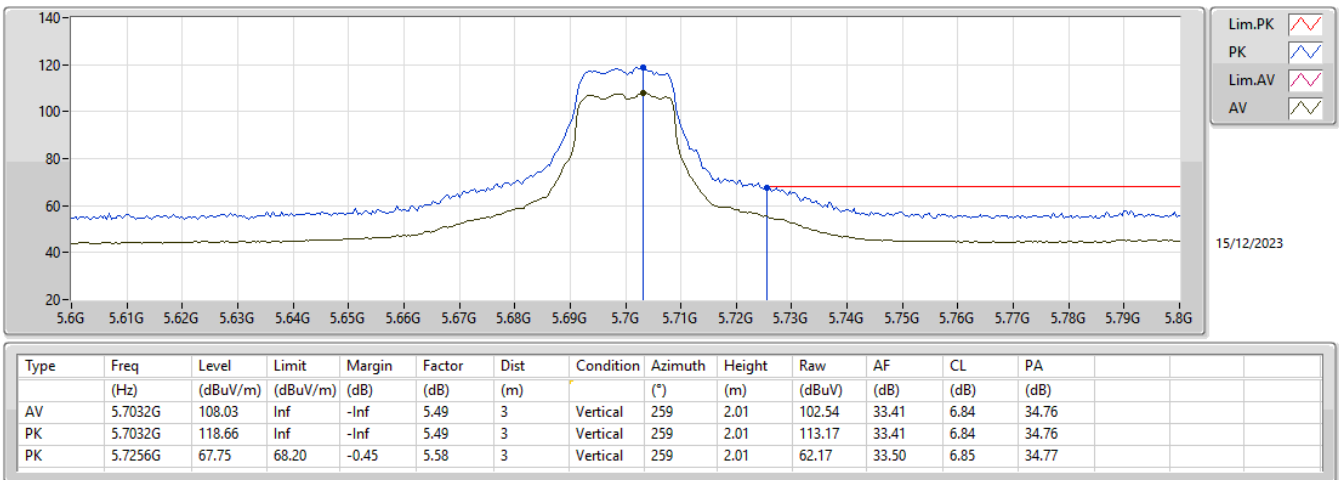
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX



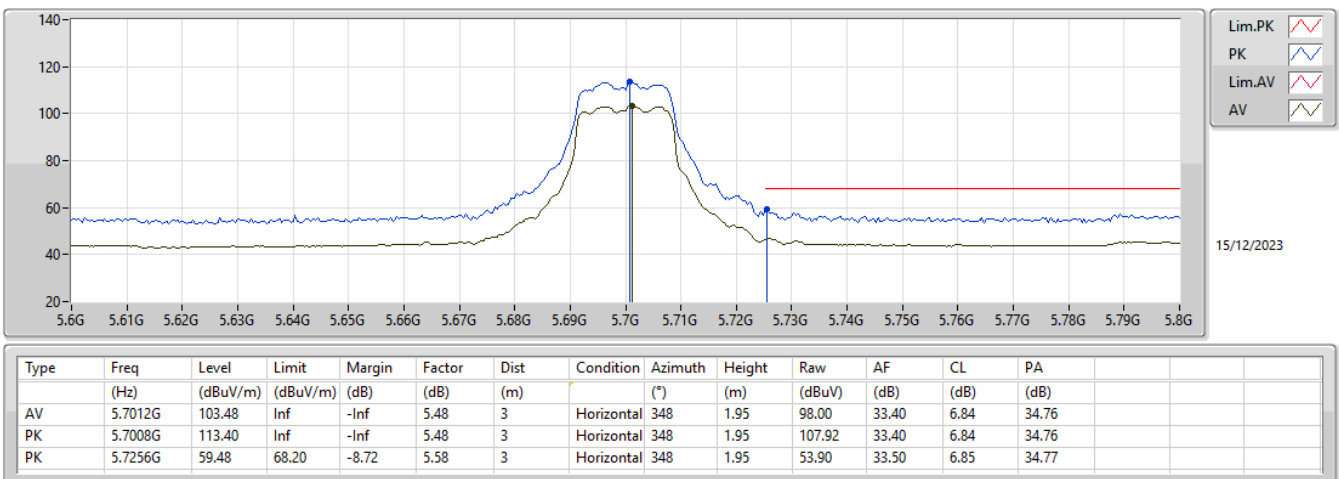
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



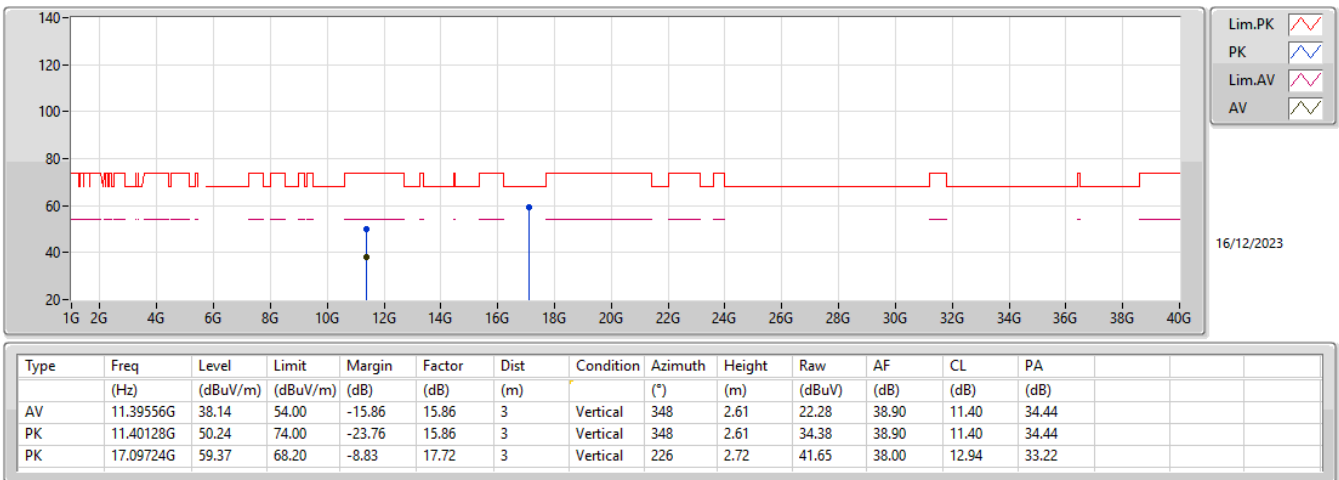
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



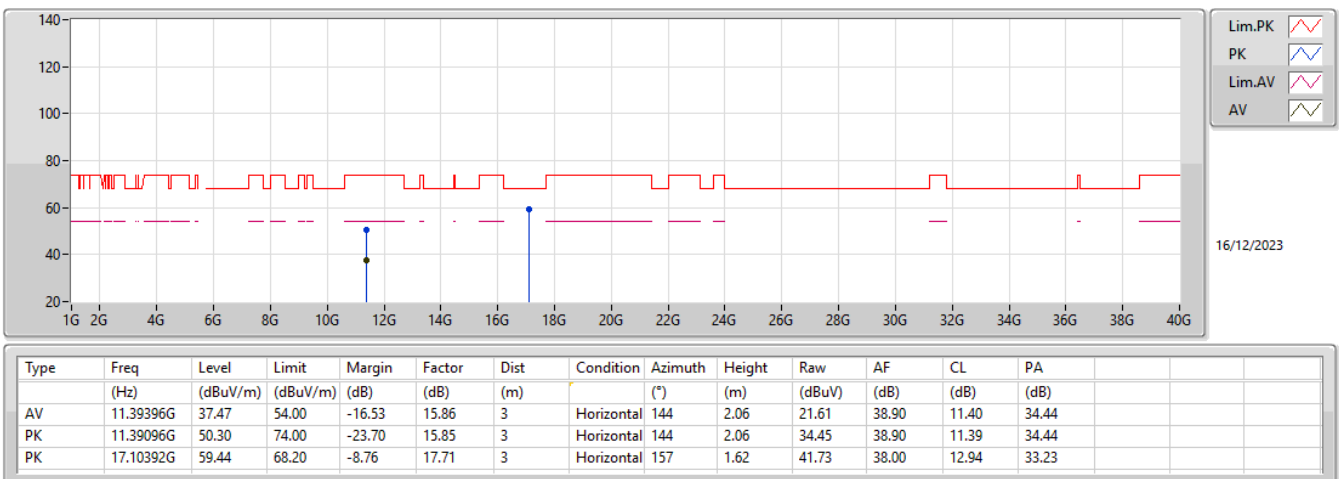
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



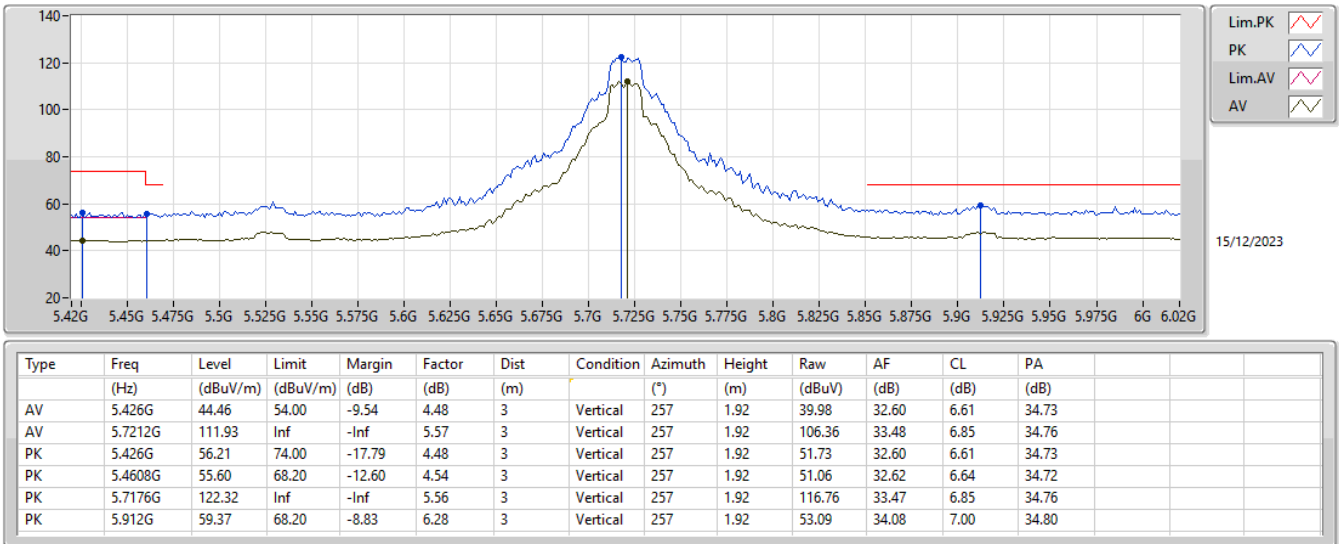
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



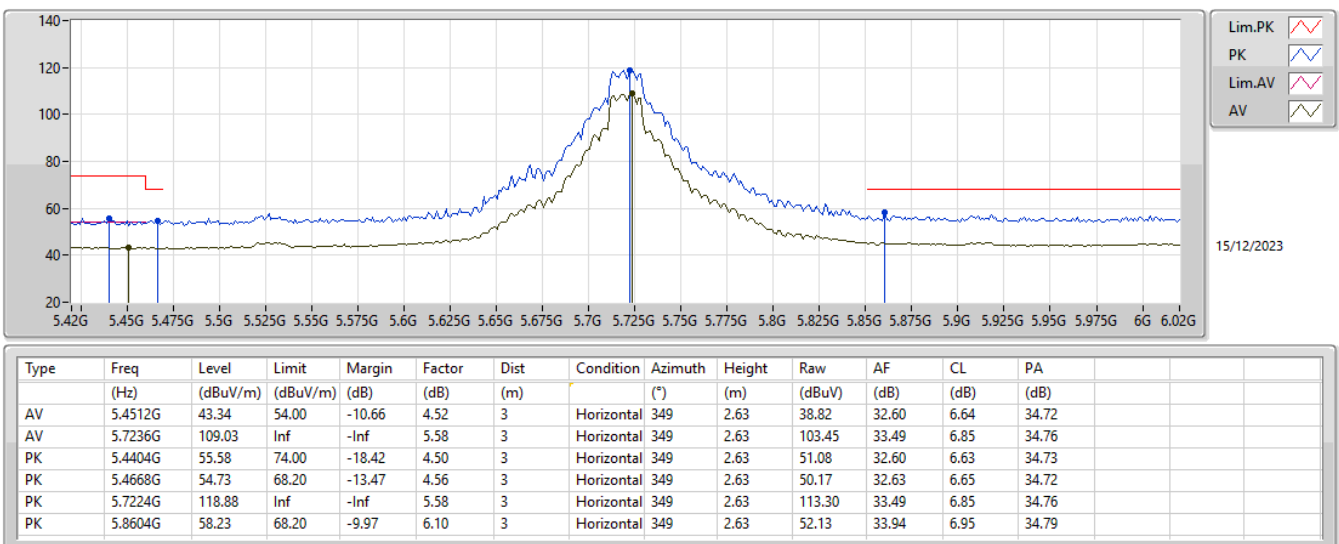
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



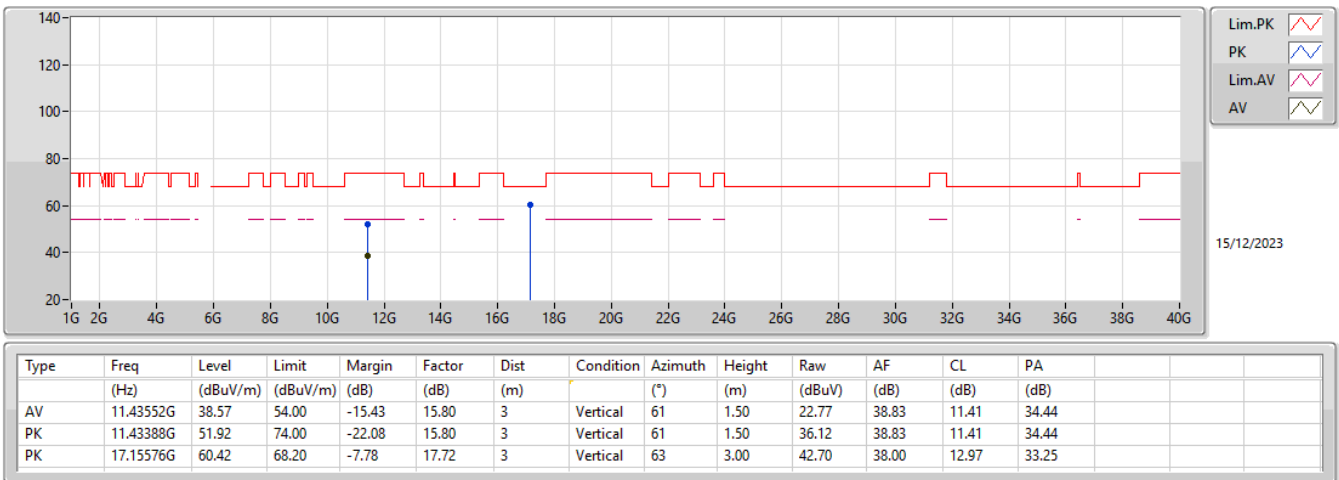
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



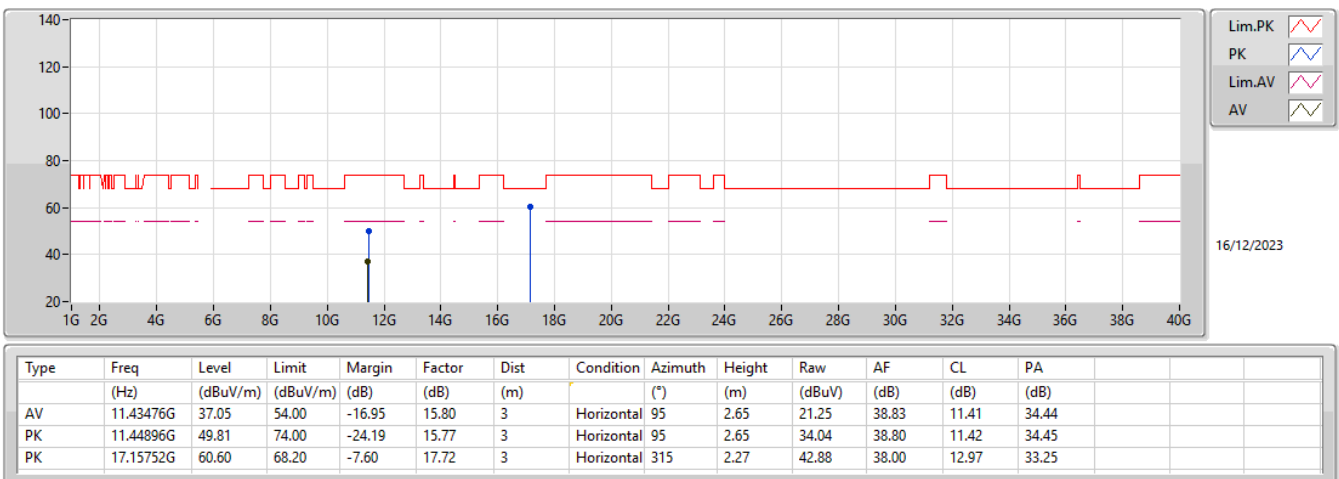
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



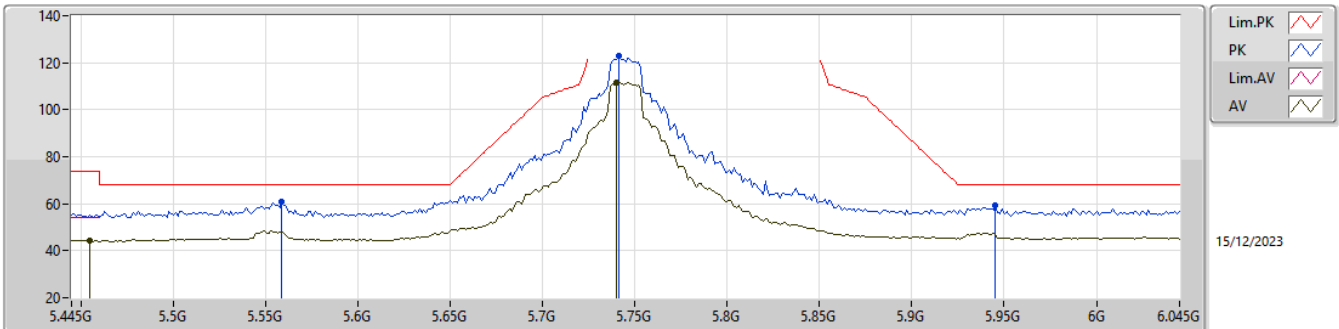
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



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

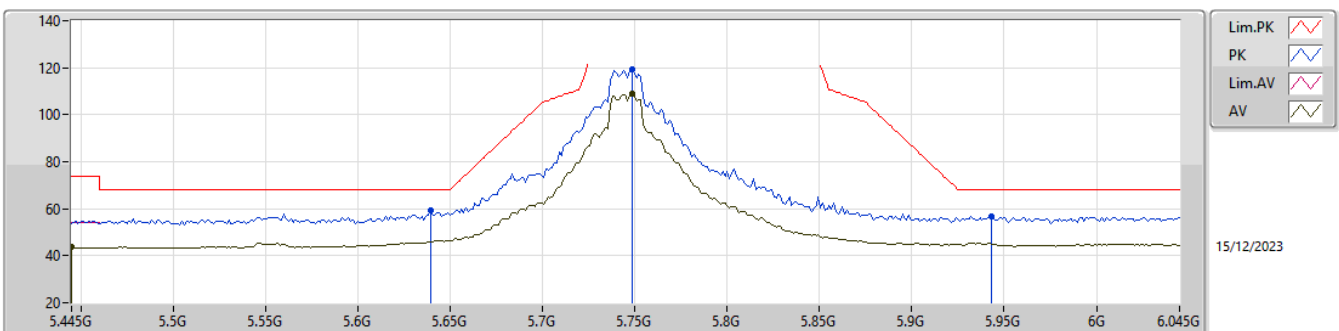
5745MHz_TX



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	5.4546G	44.38	54.00	-9.62	4.53	3	Vertical	256	2.00	39.85	32.61	6.64	34.72				
AV	5.7402G	111.64	Inf	-Inf	5.65	3	Vertical	256	2.00	105.99	33.56	6.86	34.77				
PK	5.559G	61.10	68.20	-7.10	4.72	3	Vertical	256	2.00	56.38	32.72	6.73	34.73				
PK	5.7414G	122.86	Inf	-Inf	5.66	3	Vertical	256	2.00	117.20	33.57	6.86	34.77				
PK	5.9454G	59.22	68.20	-8.98	6.22	3	Vertical	256	2.00	53.00	34.01	7.02	34.81				

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

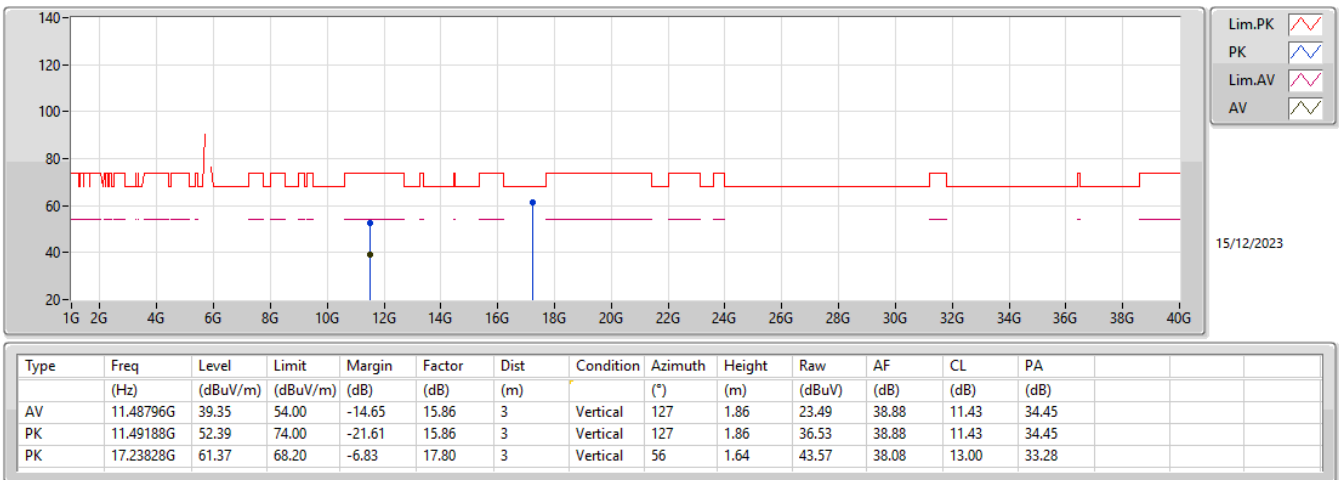
5745MHz_TX



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	5.445G	43.62	54.00	-10.38	4.50	3	Horizontal	347	1.78	39.12	32.60	6.63	34.73				
AV	5.7486G	108.83	Inf	-Inf	5.69	3	Horizontal	347	1.78	103.14	33.59	6.87	34.77				
PK	5.6394G	59.55	68.20	-8.65	5.01	3	Horizontal	347	1.78	54.54	32.96	6.80	34.75				
PK	5.7486G	119.23	Inf	-Inf	5.69	3	Horizontal	347	1.78	113.54	33.59	6.87	34.77				
PK	5.943G	56.78	68.20	-11.42	6.22	3	Horizontal	347	1.78	50.56	34.01	7.02	34.81				

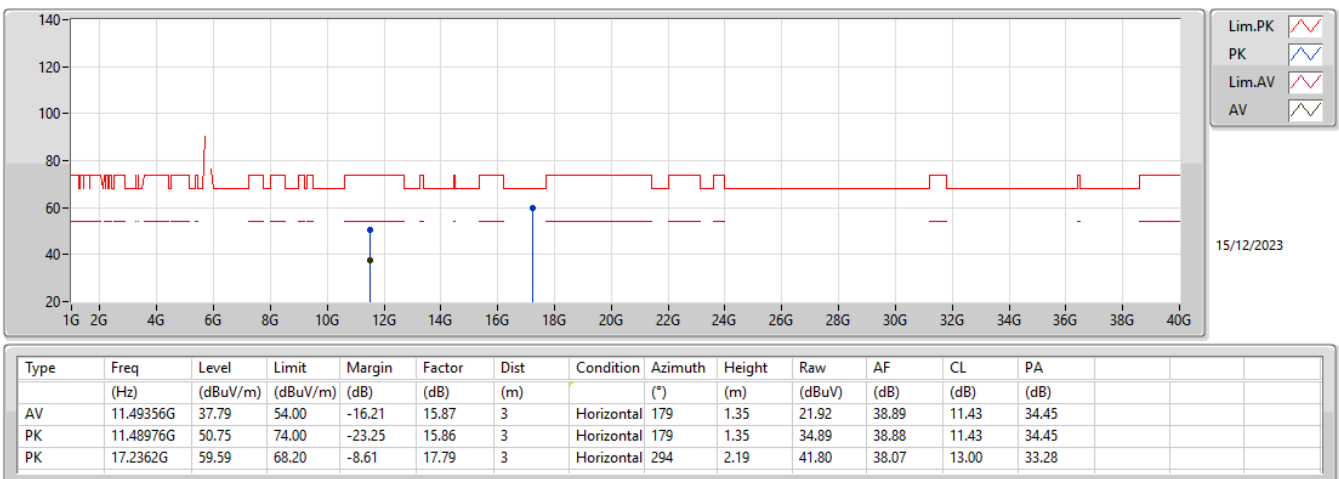
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



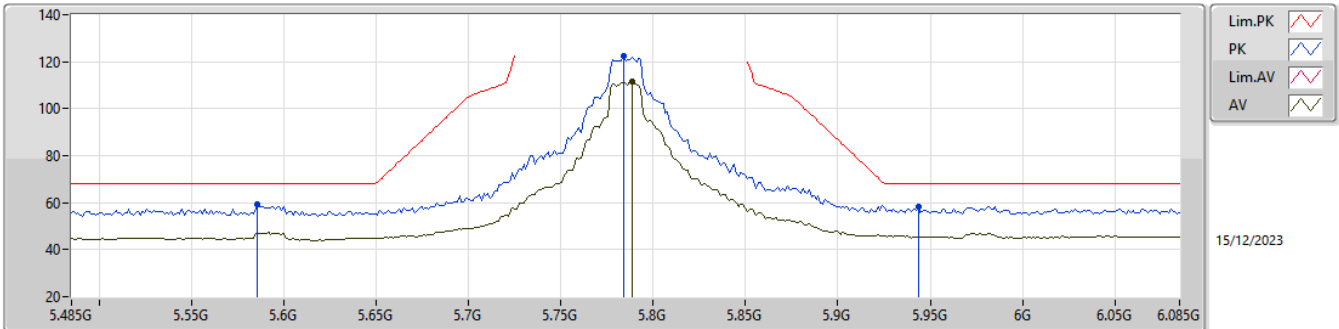
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



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

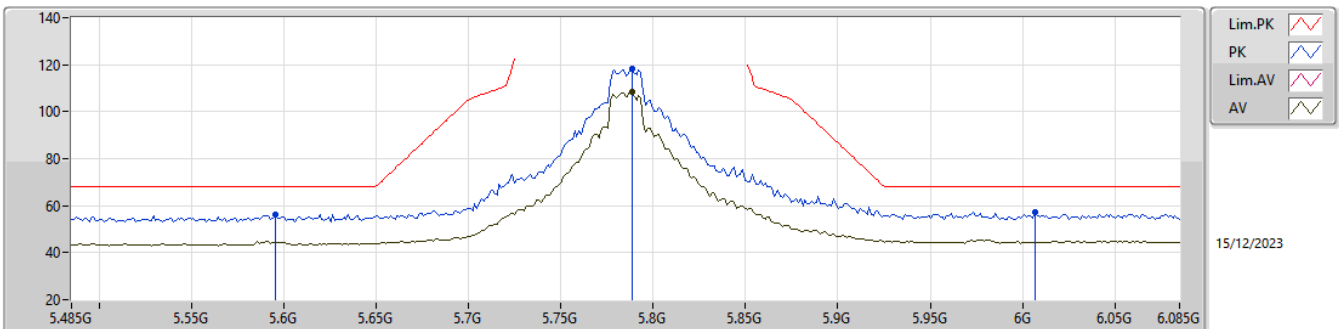
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7886G	111.60	Inf	-Inf	5.94	3	Vertical	255	1.98	105.66	33.83	6.89	34.78
PK	5.5858G	59.22	68.20	-8.98	4.79	3	Vertical	255	1.98	54.43	32.77	6.76	34.74
PK	5.7838G	122.41	Inf	-Inf	5.91	3	Vertical	255	1.98	116.50	33.80	6.89	34.78
PK	5.9434G	58.23	68.20	-9.97	6.22	3	Vertical	255	1.98	52.01	34.01	7.02	34.81

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

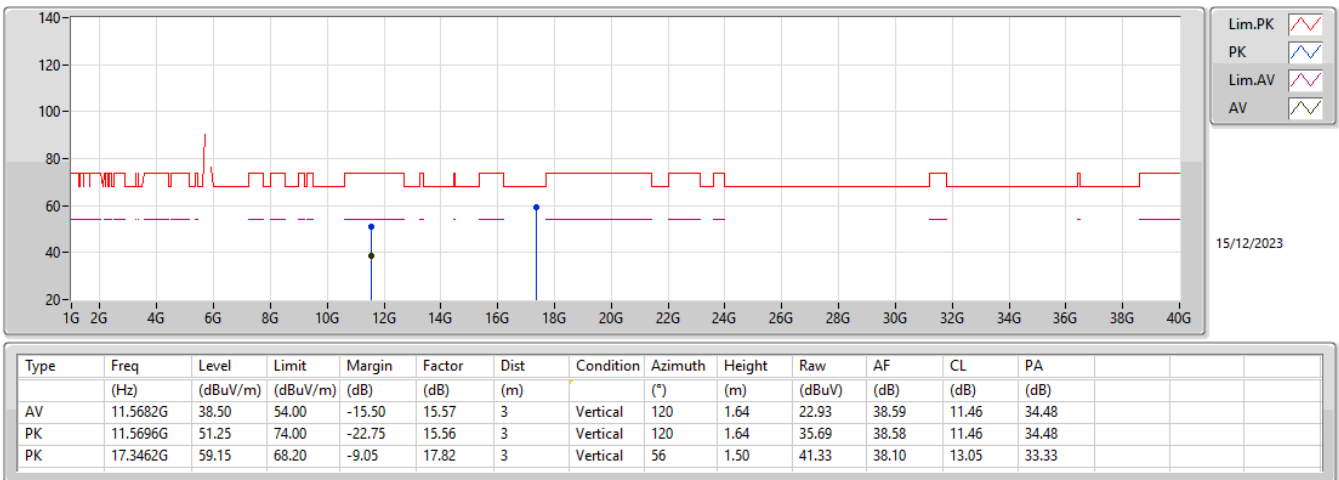
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7886G	108.36	Inf	-Inf	5.94	3	Horizontal	337	1.92	102.42	33.83	6.89	34.78
PK	5.5954G	56.29	68.20	-11.91	4.82	3	Horizontal	337	1.92	51.47	32.79	6.77	34.74
PK	5.7886G	118.08	Inf	-Inf	5.94	3	Horizontal	337	1.92	112.14	33.83	6.89	34.78
PK	6.007G	57.03	68.20	-11.17	6.15	3	Horizontal	337	1.92	50.88	33.90	7.07	34.82

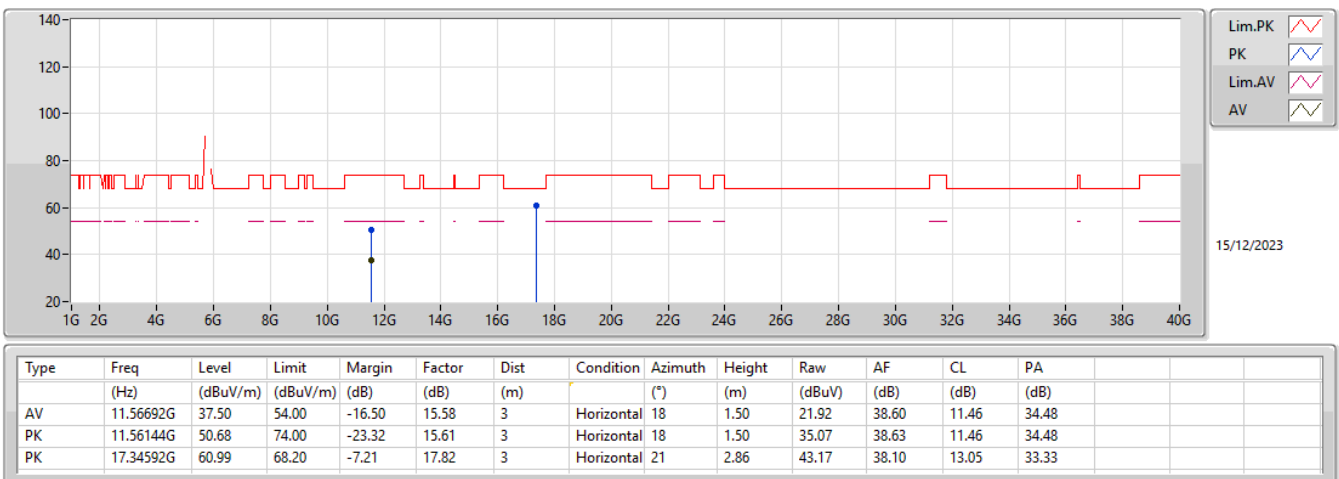
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



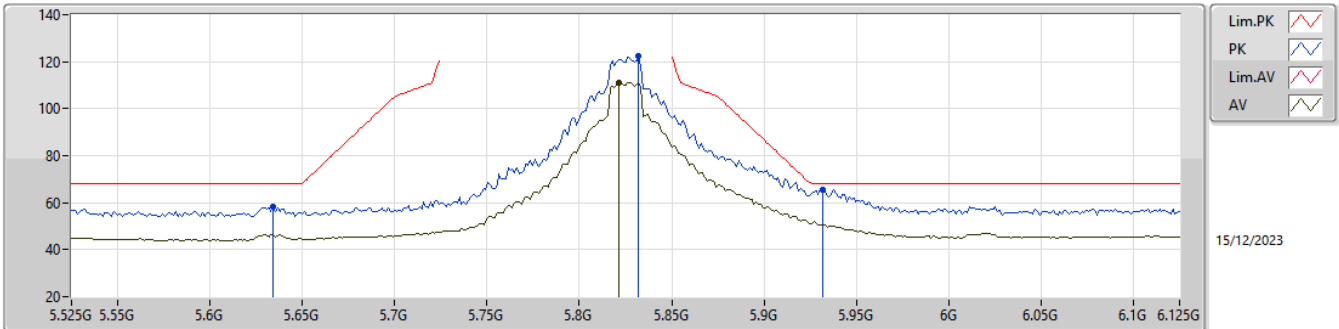
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



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

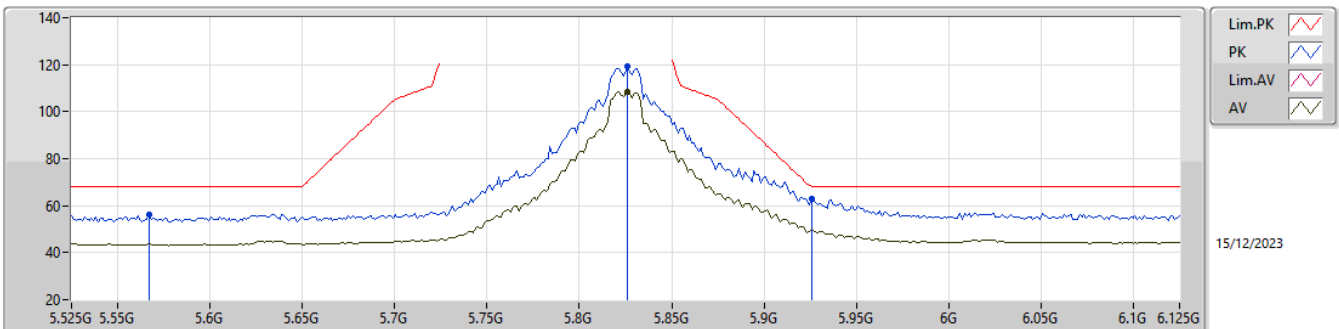
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	111.25	Inf	-Inf	6.04	3	Vertical	252	1.95	105.21	33.90	6.92	34.78
PK	5.6342G	58.15	68.20	-10.05	4.98	3	Vertical	252	1.95	53.17	32.94	6.79	34.75
PK	5.8322G	122.20	Inf	-Inf	6.04	3	Vertical	252	1.95	116.16	33.90	6.93	34.79
PK	5.9318G	65.44	68.20	-2.76	6.24	3	Vertical	252	1.95	59.20	34.04	7.01	34.81

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

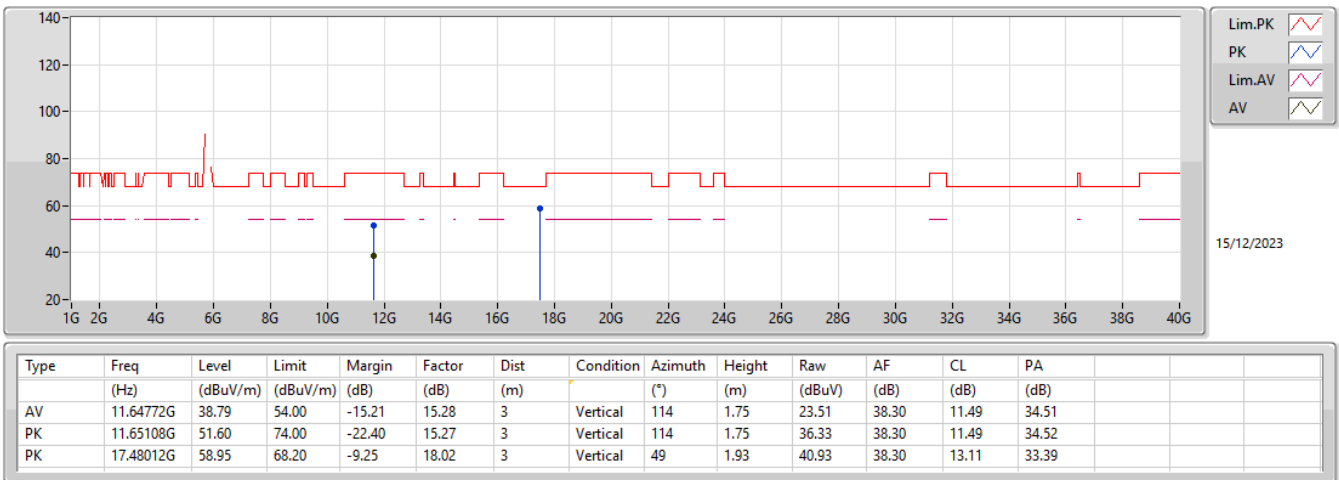
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	108.50	Inf	-Inf	6.03	3	Horizontal	336	1.71	102.47	33.90	6.92	34.79
PK	5.567G	56.34	68.20	-11.86	4.74	3	Horizontal	336	1.71	51.60	32.73	6.74	34.73
PK	5.8262G	119.22	Inf	-Inf	6.03	3	Horizontal	336	1.71	113.19	33.90	6.92	34.79
PK	5.9258G	62.94	68.20	-5.26	6.25	3	Horizontal	336	1.71	56.69	34.05	7.01	34.81

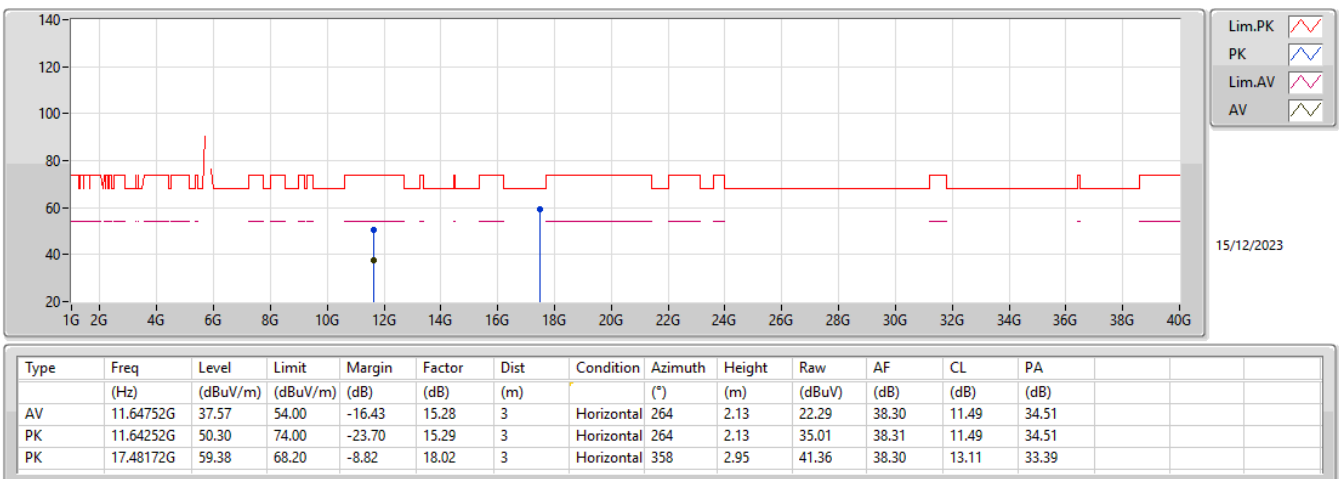
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



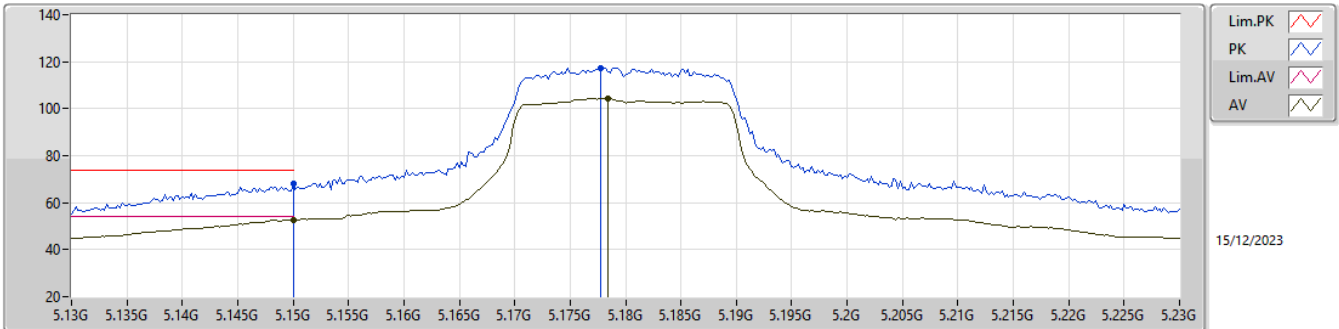
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



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

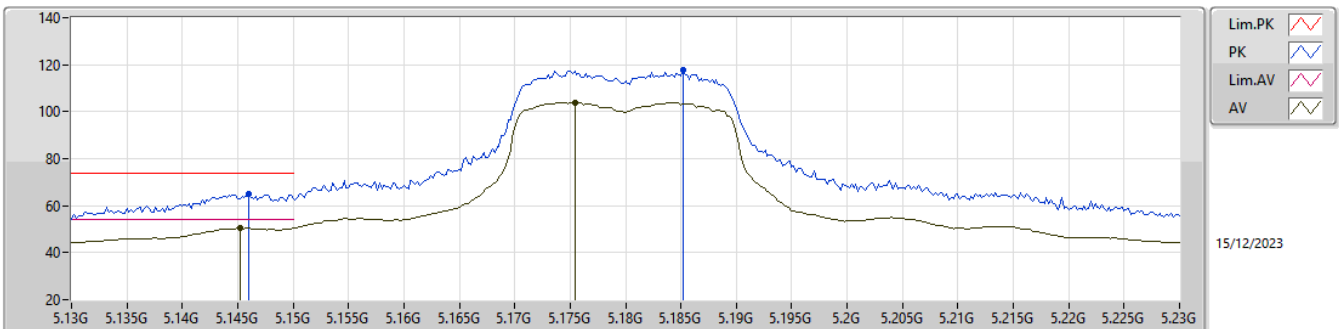
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.79	54.00	-1.21	4.75	3	Vertical	35	1.79	48.04	33.10	6.41	34.76
AV	5.1784G	104.35	Inf	-Inf	4.67	3	Vertical	35	1.79	99.68	32.99	6.43	34.75
PK	5.15G	68.13	74.00	-5.87	4.75	3	Vertical	35	1.79	63.38	33.10	6.41	34.76
PK	5.1778G	117.46	Inf	-Inf	4.67	3	Vertical	35	1.79	112.79	32.99	6.43	34.75

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

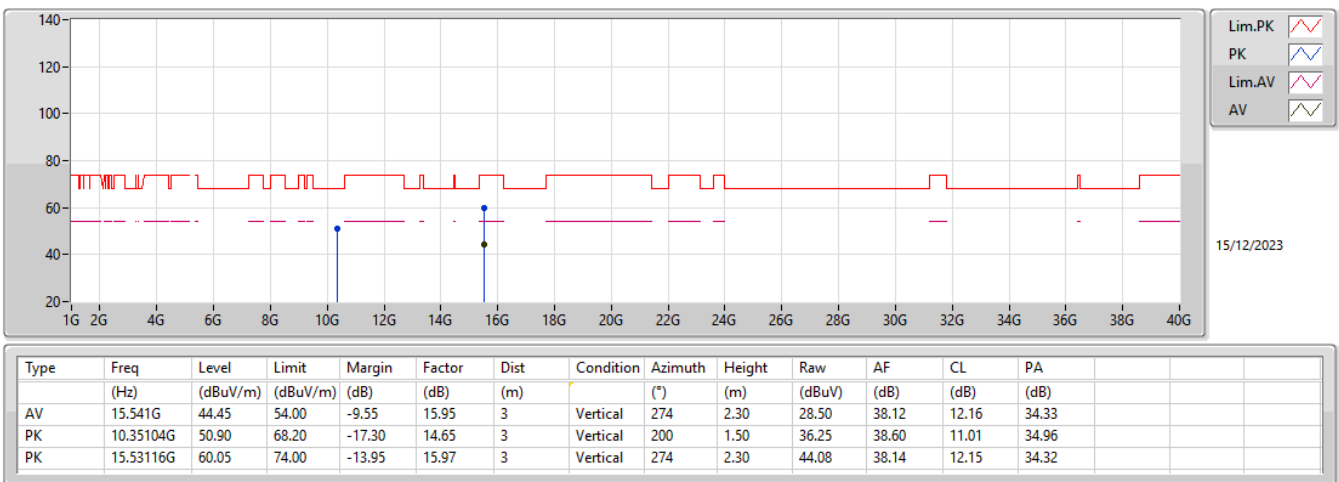
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1452G	50.42	54.00	-3.58	4.72	3	Horizontal	10	1.81	45.70	33.07	6.41	34.76
AV	5.1754G	104.03	Inf	-Inf	4.68	3	Horizontal	10	1.81	99.35	33.00	6.43	34.75
PK	5.146G	64.77	74.00	-9.23	4.73	3	Horizontal	10	1.81	60.04	33.08	6.41	34.76
PK	5.1852G	117.70	Inf	-Inf	4.65	3	Horizontal	10	1.81	113.05	32.96	6.44	34.75

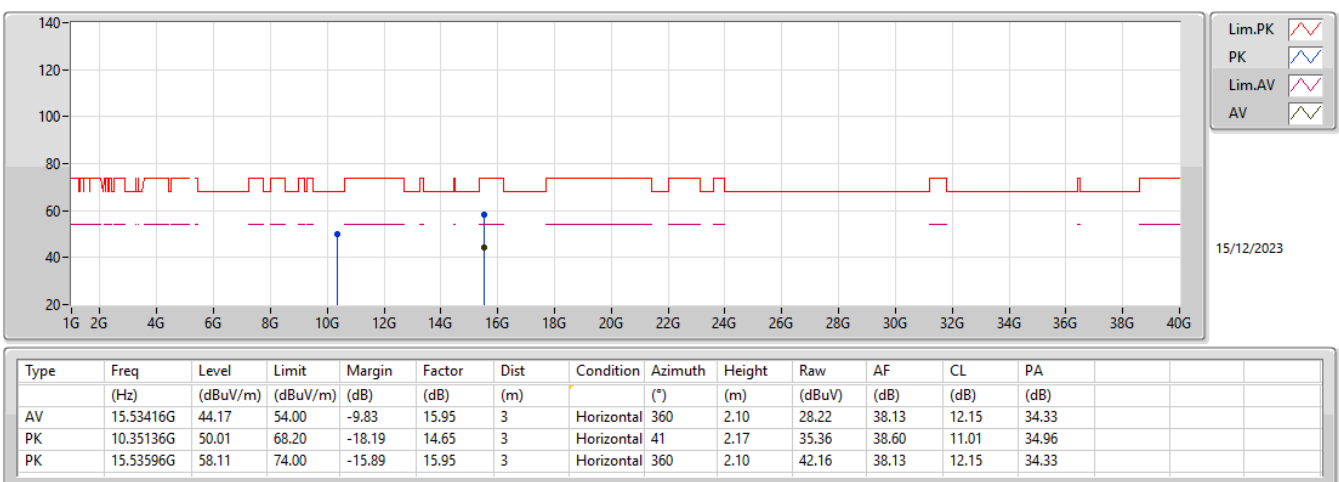
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



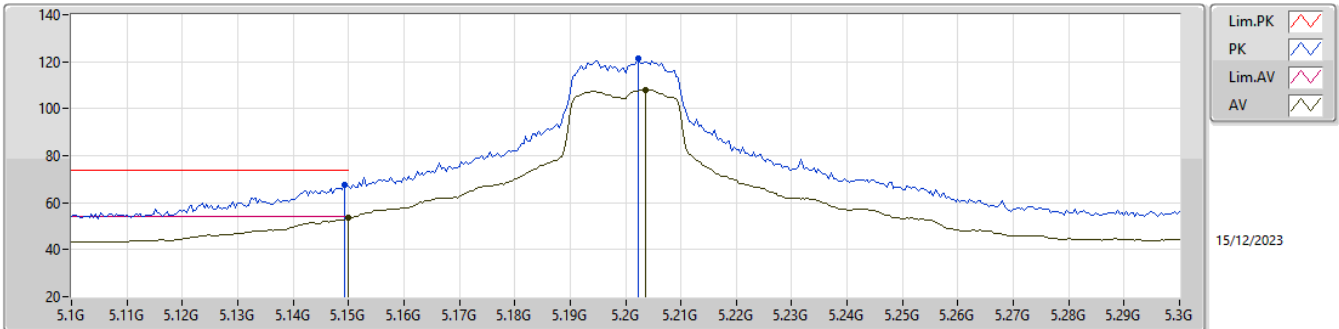
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



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

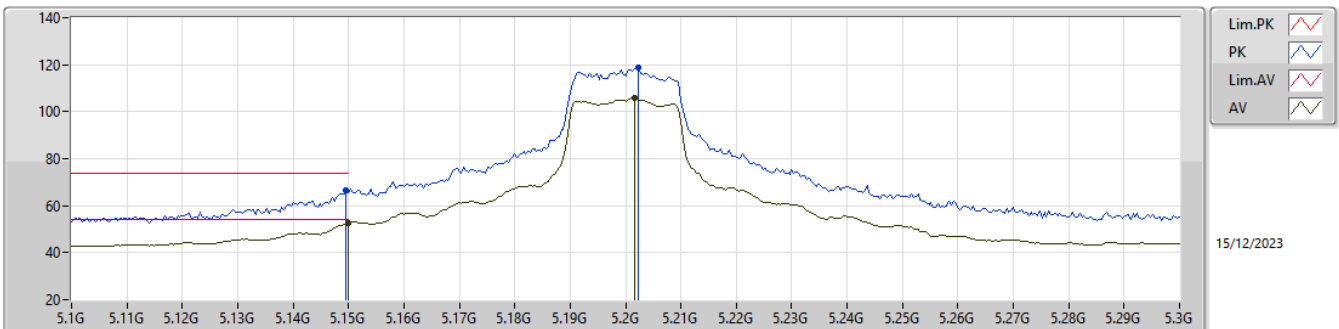
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.38	54.00	-0.62	4.75	3	Vertical	276	2.09	48.63	33.10	6.41	34.76
AV	5.2036G	108.15	Inf	-Inf	4.59	3	Vertical	276	2.09	103.56	32.89	6.45	34.75
PK	5.1492G	67.71	74.00	-6.29	4.75	3	Vertical	276	2.09	62.96	33.10	6.41	34.76
PK	5.2024G	121.61	Inf	-Inf	4.60	3	Vertical	276	2.09	117.01	32.90	6.45	34.75

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

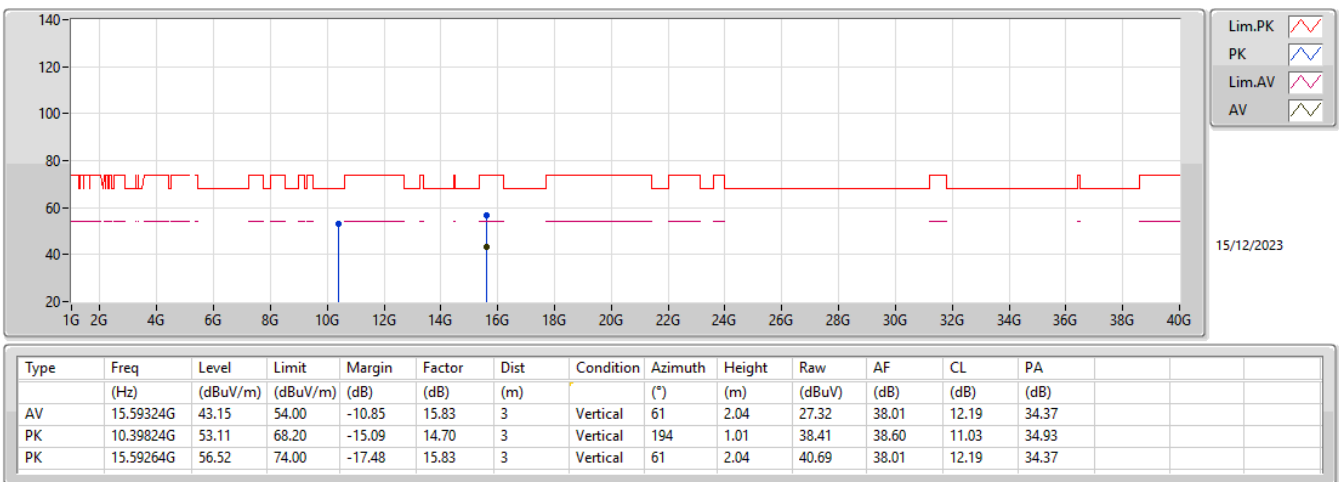
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.83	54.00	-1.17	4.75	3	Horizontal	7	1.71	48.08	33.10	6.41	34.76
AV	5.2016G	105.62	Inf	-Inf	4.60	3	Horizontal	7	1.71	101.02	32.90	6.45	34.75
PK	5.1496G	66.44	74.00	-7.56	4.75	3	Horizontal	7	1.71	61.69	33.10	6.41	34.76
PK	5.2024G	118.98	Inf	-Inf	4.60	3	Horizontal	7	1.71	114.38	32.90	6.45	34.75

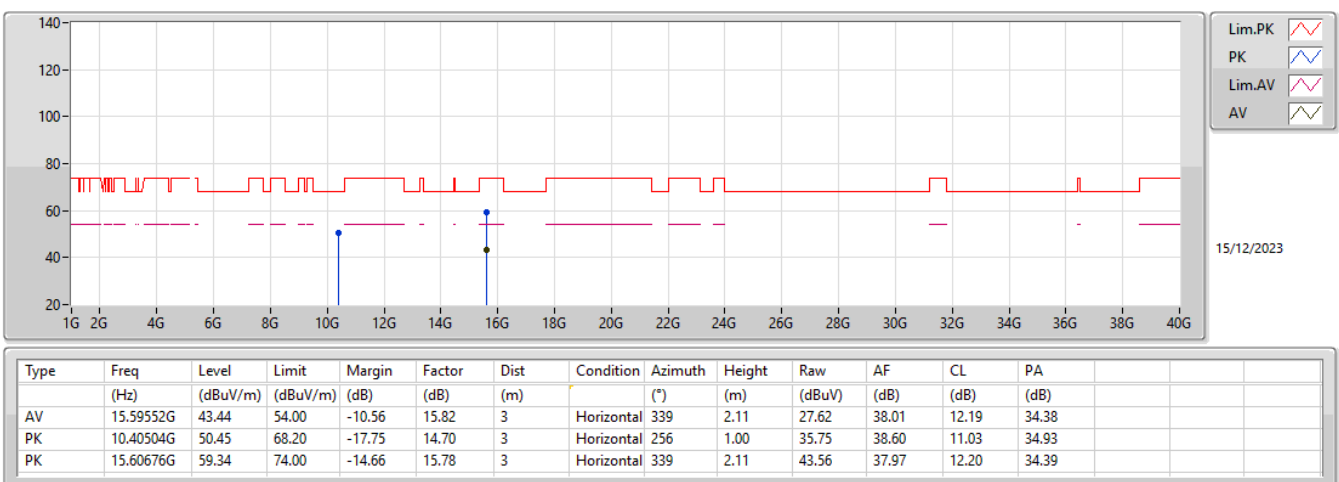
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



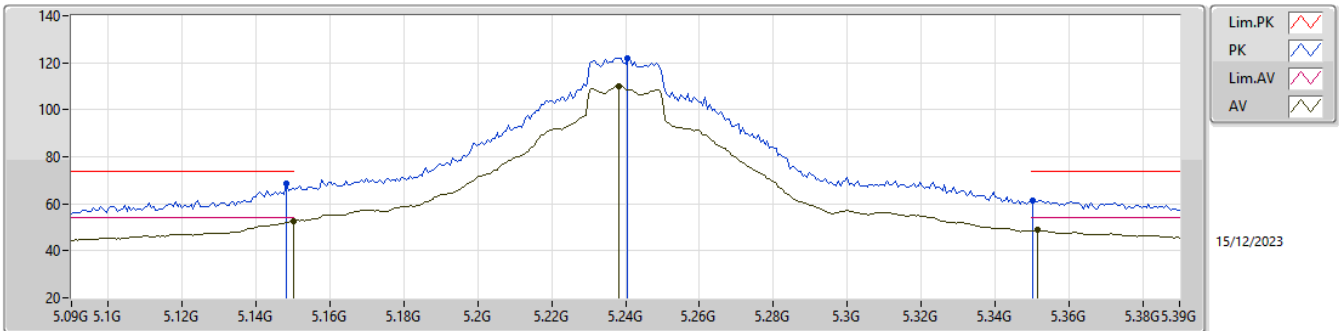
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



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

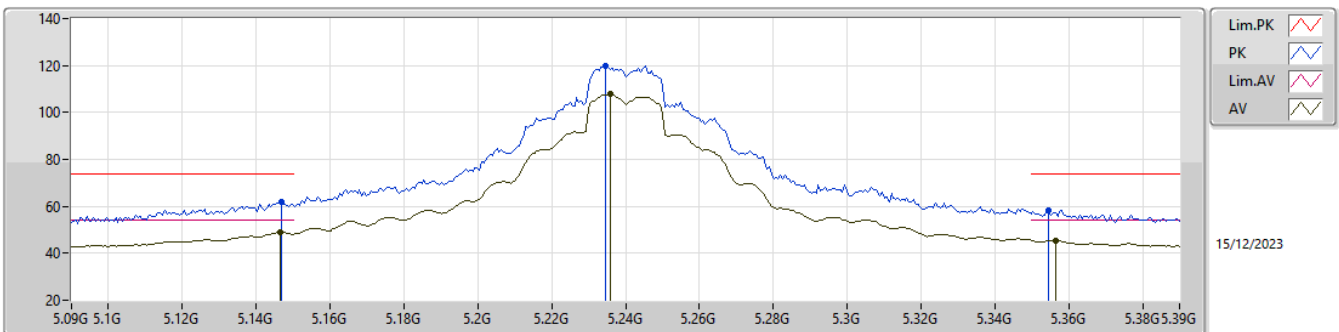
5240MHz_TX



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	52.84	54.00	-1.16	4.75	3	Vertical	275	2.18	48.09	33.10	6.41	34.76
AV	5.2382G	110.09	Inf	-Inf	4.55	3	Vertical	275	2.18	105.54	32.82	6.48	34.75
AV	5.3516G	48.73	54.00	-5.27	4.53	3	Vertical	275	2.18	44.20	32.70	6.56	34.73
PK	5.1482G	68.71	74.00	-5.29	4.74	3	Vertical	275	2.18	63.97	33.09	6.41	34.76
PK	5.2406G	122.10	Inf	-Inf	4.55	3	Vertical	275	2.18	117.55	32.82	6.48	34.75
PK	5.3504G	61.31	74.00	-12.69	4.53	3	Vertical	275	2.18	56.78	32.70	6.56	34.73

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

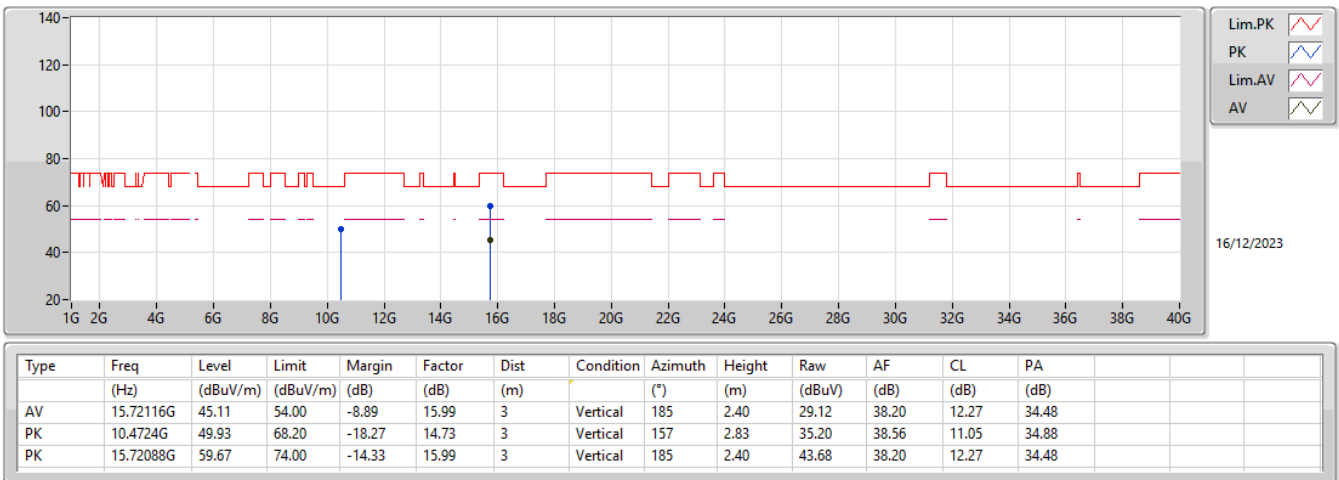
5240MHz_TX



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	5.1464G	48.79	54.00	-5.21	4.73	3	Horizontal	6	1.90	44.06	33.08	6.41	34.76
AV	5.2358G	107.75	Inf	-Inf	4.56	3	Horizontal	6	1.90	103.19	32.83	6.48	34.75
AV	5.3564G	45.40	54.00	-8.60	4.52	3	Horizontal	6	1.90	40.88	32.69	6.56	34.73
PK	5.147G	61.80	74.00	-12.20	4.73	3	Horizontal	6	1.90	57.07	33.08	6.41	34.76
PK	5.2346G	119.83	Inf	-Inf	4.55	3	Horizontal	6	1.90	115.28	32.83	6.47	34.75
PK	5.3546G	58.49	74.00	-15.51	4.52	3	Horizontal	6	1.90	53.97	32.69	6.56	34.73

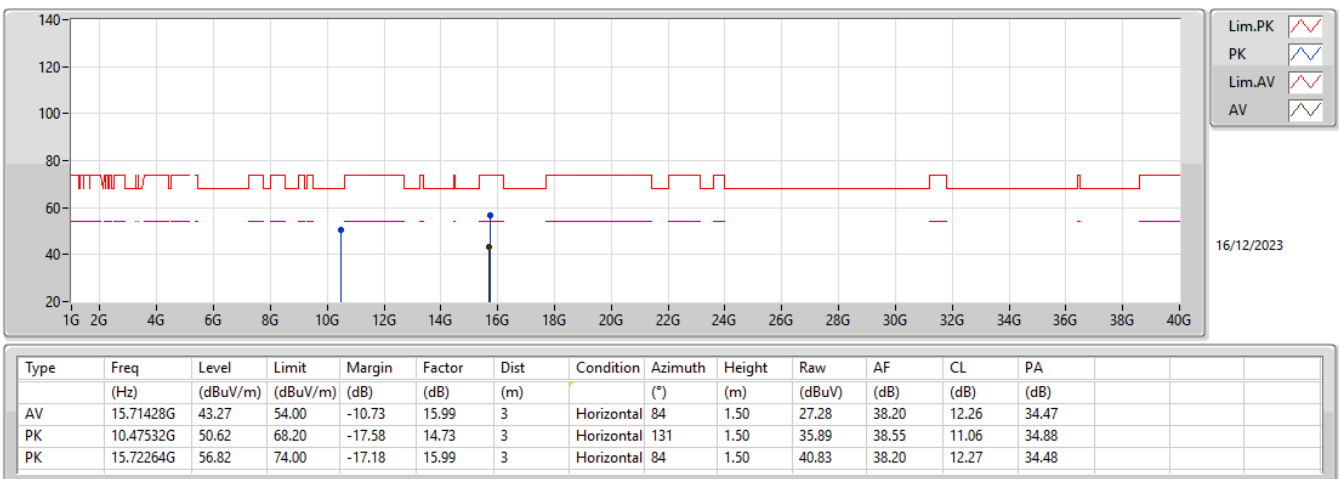
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



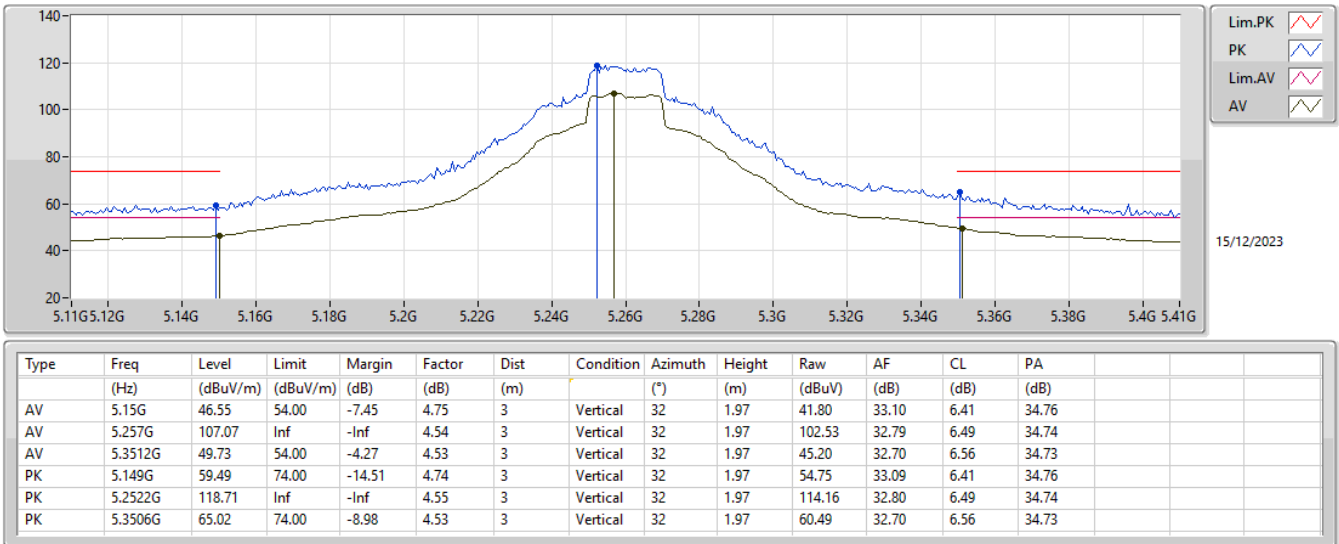
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5240MHz_TX



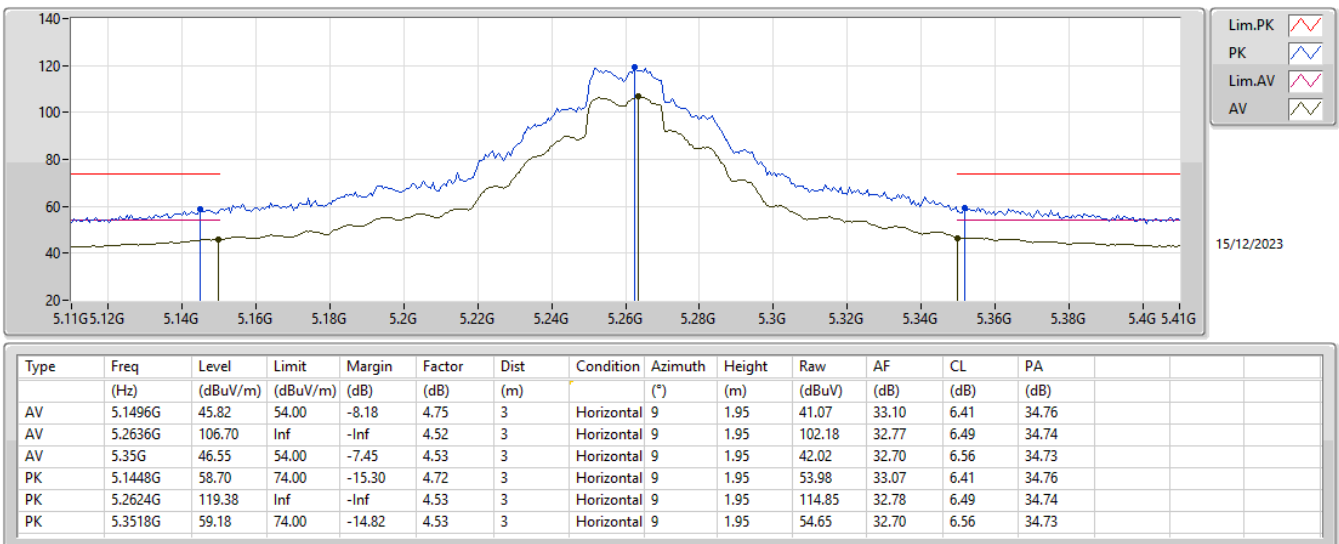
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5260MHz_TX



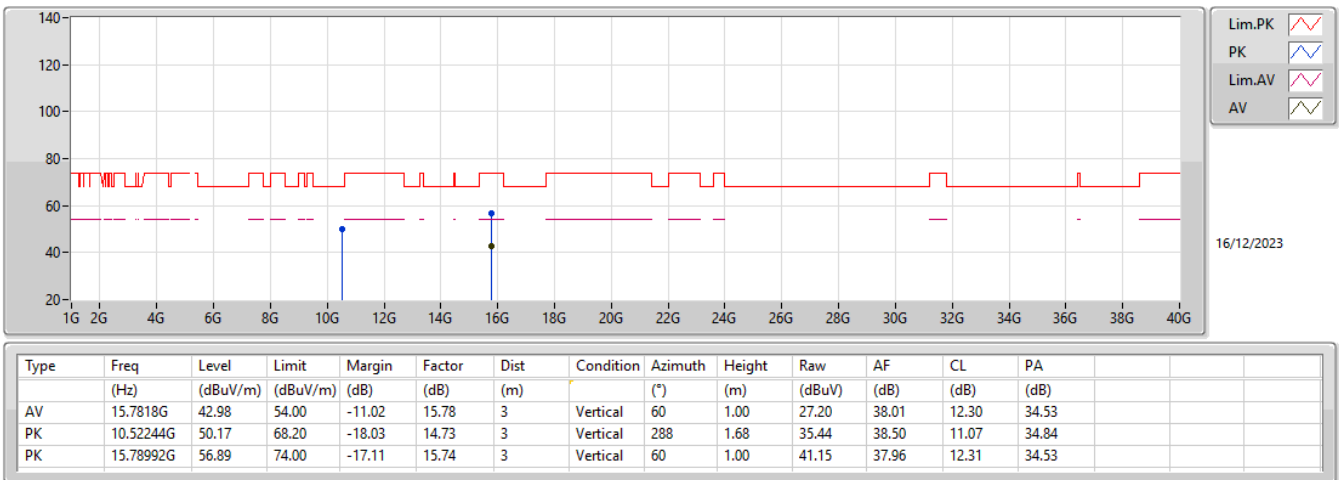
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5260MHz_TX



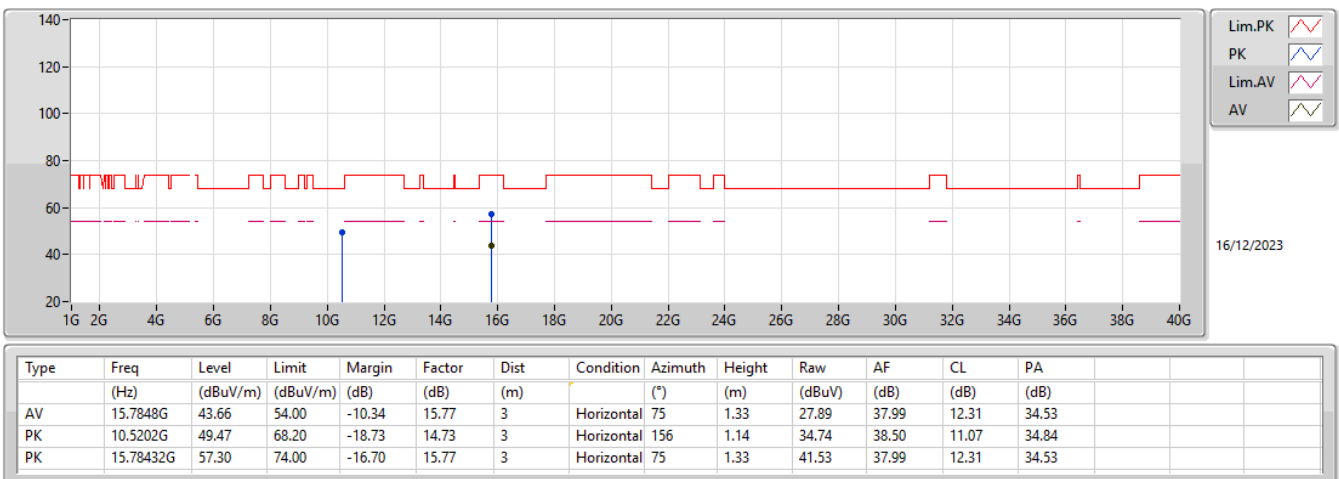
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5260MHz_TX



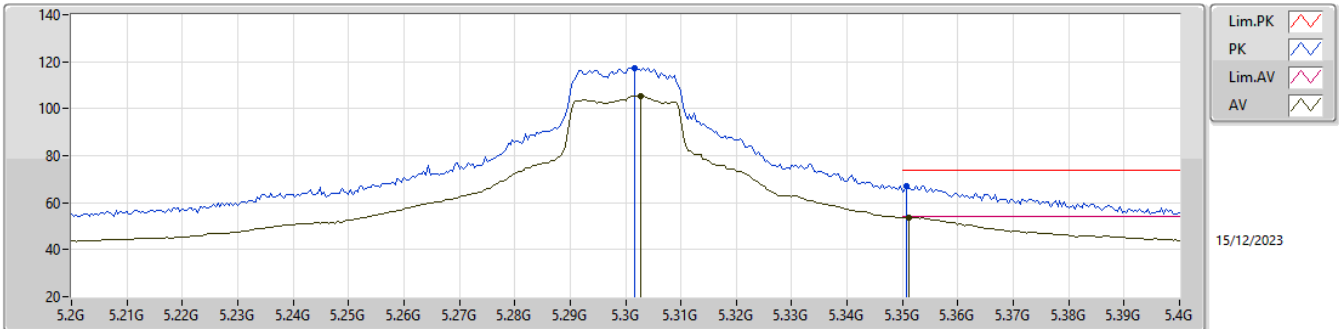
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TX



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

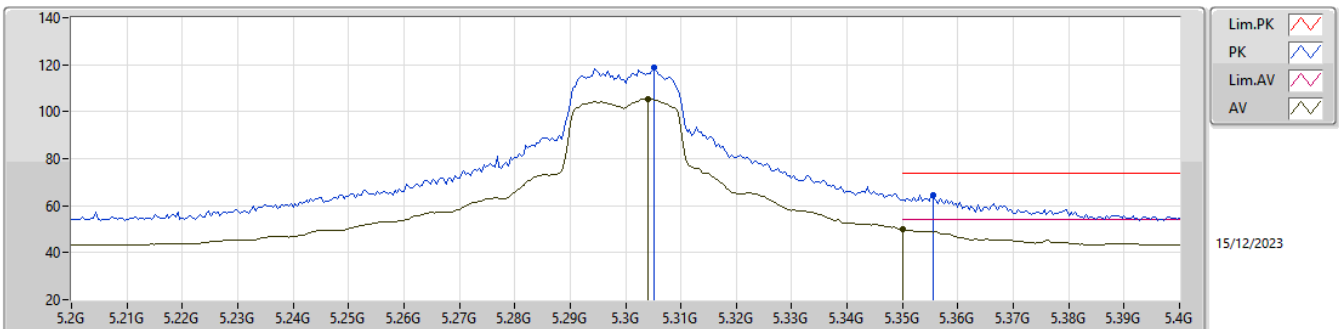
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3028G	105.50	Inf	-Inf	4.48	3	Vertical	39	1.76	101.02	32.70	6.52	34.74
AV	5.3512G	53.83	54.00	-0.17	4.53	3	Vertical	39	1.76	49.30	32.70	6.56	34.73
PK	5.3016G	117.42	Inf	-Inf	4.48	3	Vertical	39	1.76	112.94	32.70	6.52	34.74
PK	5.3508G	67.25	74.00	-6.75	4.53	3	Vertical	39	1.76	62.72	32.70	6.56	34.73

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

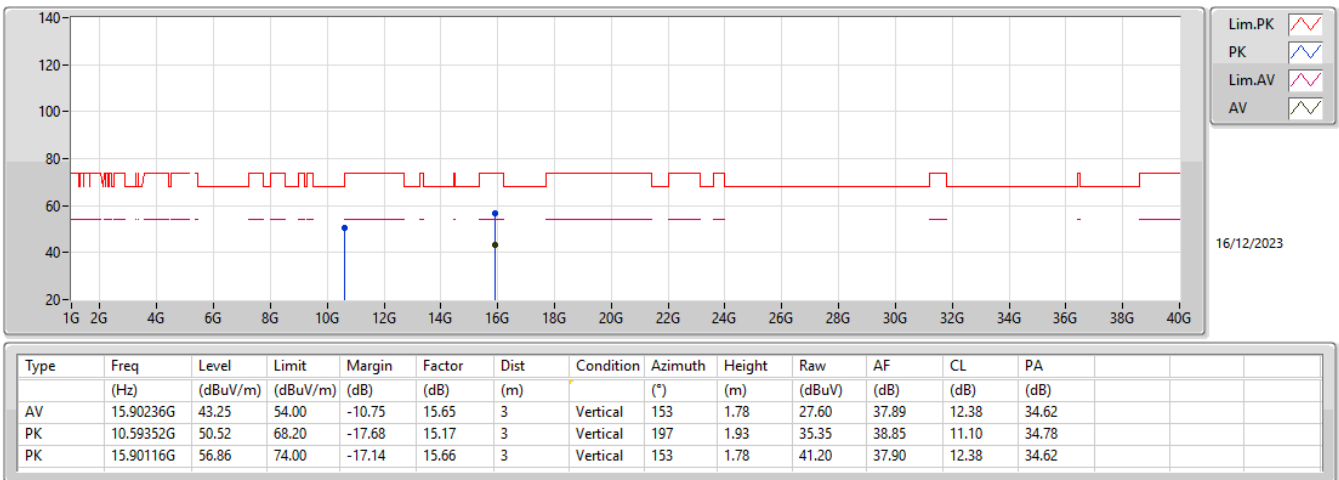
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.304G	105.29	Inf	-Inf	4.48	3	Horizontal	5	1.88	100.81	32.70	6.52	34.74
AV	5.35G	49.86	54.00	-4.14	4.53	3	Horizontal	5	1.88	45.33	32.70	6.56	34.73
PK	5.3052G	118.87	Inf	-Inf	4.48	3	Horizontal	5	1.88	114.39	32.70	6.52	34.74
PK	5.3556G	64.56	74.00	-9.44	4.52	3	Horizontal	5	1.88	60.04	32.69	6.56	34.73

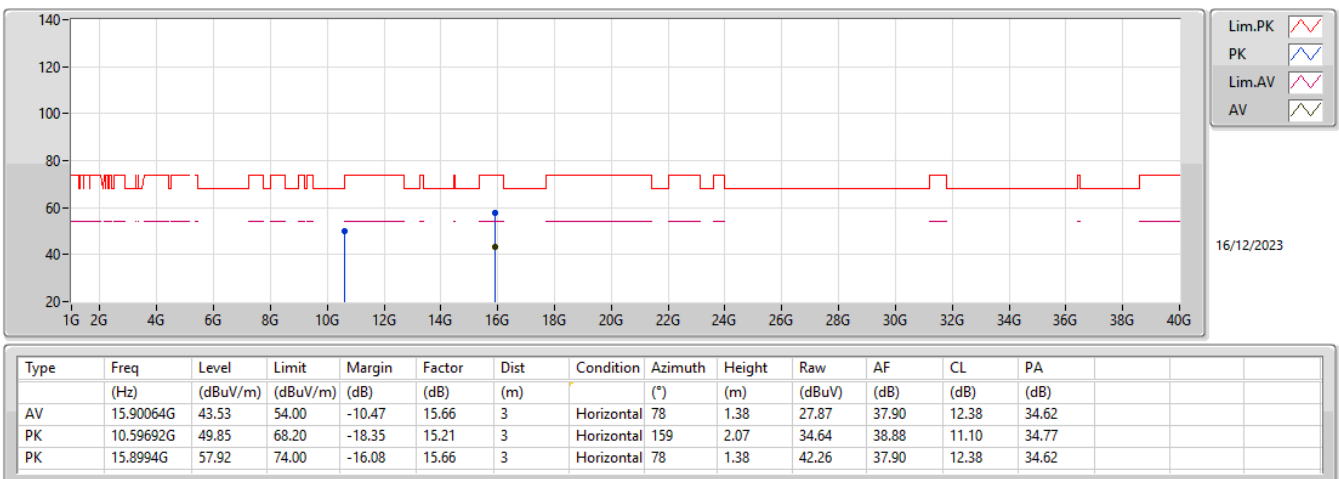
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TX



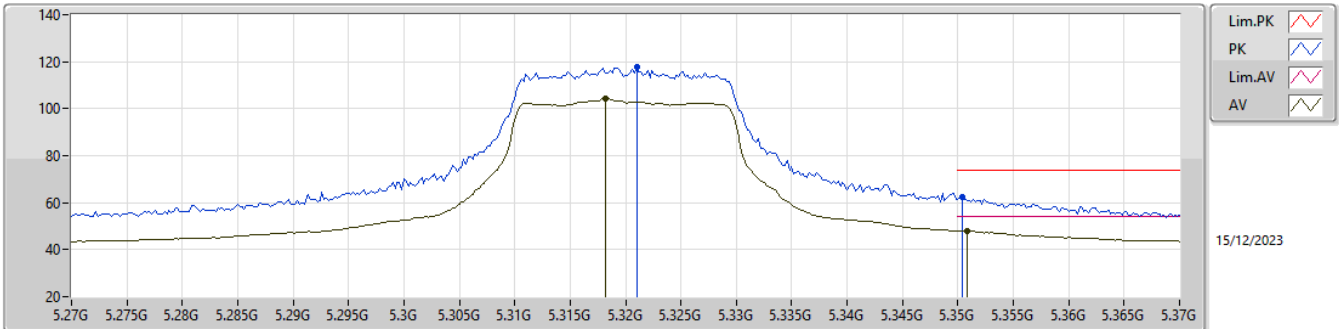
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TX



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

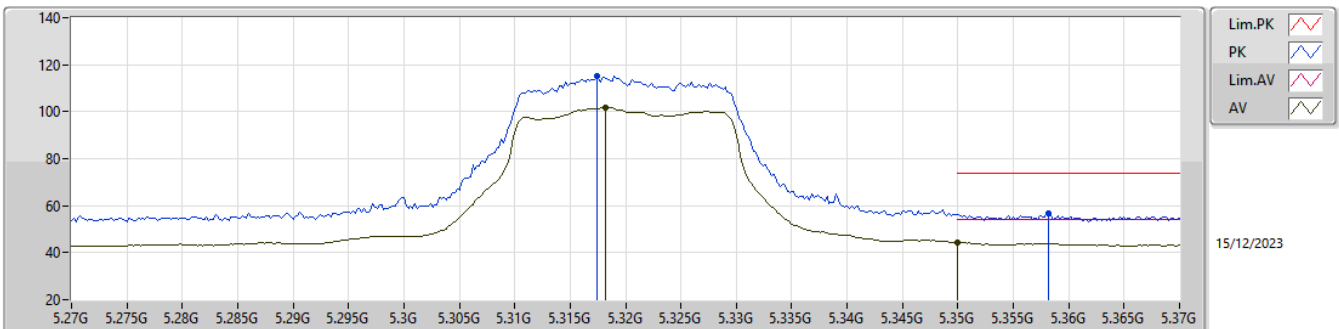
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3182G	104.10	Inf	-Inf	4.49	3	Vertical	269	2.14	99.61	32.70	6.53	34.74
AV	5.3508G	47.90	54.00	-6.10	4.53	3	Vertical	269	2.14	43.37	32.70	6.56	34.73
PK	5.321G	117.55	Inf	-Inf	4.49	3	Vertical	269	2.14	113.06	32.70	6.53	34.74
PK	5.3504G	62.33	74.00	-11.67	4.53	3	Vertical	269	2.14	57.80	32.70	6.56	34.73

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

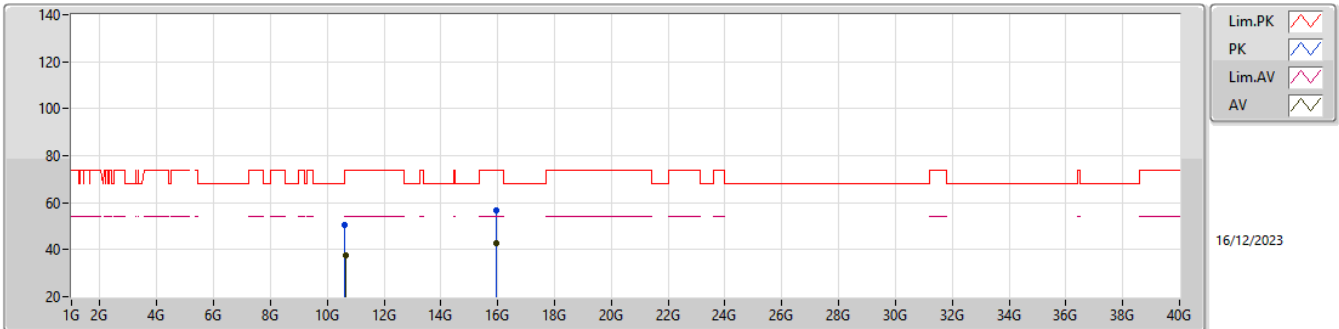
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3182G	101.92	Inf	-Inf	4.49	3	Horizontal	354	2.01	97.43	32.70	6.53	34.74
AV	5.35G	44.26	54.00	-9.74	4.53	3	Horizontal	354	2.01	39.73	32.70	6.56	34.73
PK	5.3174G	115.14	Inf	-Inf	4.49	3	Horizontal	354	2.01	110.65	32.70	6.53	34.74
PK	5.3582G	56.52	74.00	-17.48	4.51	3	Horizontal	354	2.01	52.01	32.68	6.56	34.73

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

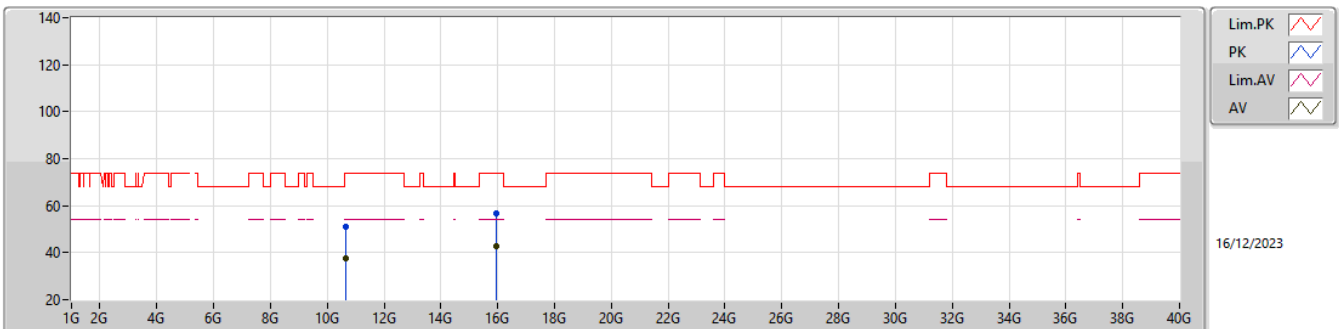
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64512G	37.43	54.00	-16.57	15.38	3	Vertical	61	2.22	22.05	38.99	11.12	34.73
AV	15.96992G	42.84	54.00	-11.16	15.40	3	Vertical	277	1.50	27.44	37.66	12.42	34.68
PK	10.63008G	50.31	74.00	-23.69	15.33	3	Vertical	61	2.22	34.98	38.96	11.11	34.74
PK	15.9678G	56.77	74.00	-17.23	15.41	3	Vertical	277	1.50	41.36	37.66	12.42	34.67

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

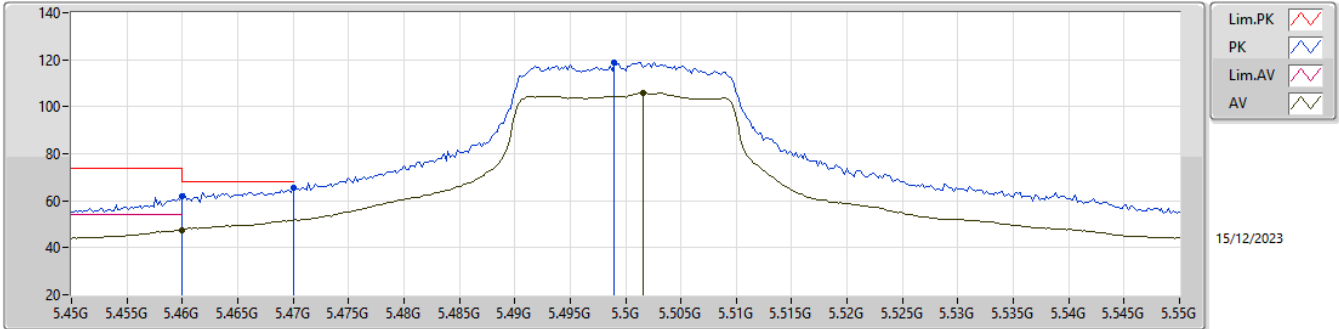
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64968G	37.57	54.00	-16.43	15.39	3	Horizontal	336	1.50	22.18	39.00	11.12	34.73
AV	15.9684G	42.73	54.00	-11.27	15.41	3	Horizontal	35	2.16	27.32	37.66	12.42	34.67
PK	10.64916G	51.27	74.00	-22.73	15.39	3	Horizontal	336	1.50	35.88	39.00	11.12	34.73
PK	15.96436G	56.59	74.00	-17.41	15.42	3	Horizontal	35	2.16	41.17	37.67	12.42	34.67

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

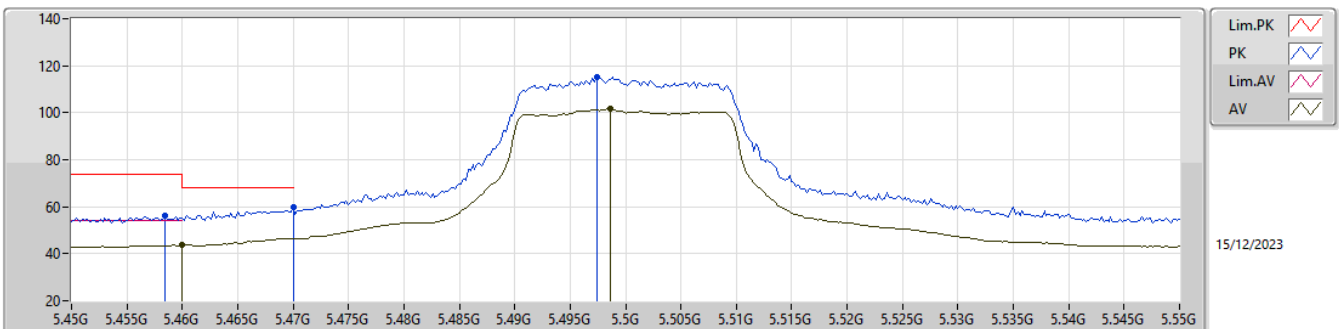
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	47.62	54.00	-6.38	4.54	3	Vertical	263	1.94	43.08	32.62	6.64	34.72
AV	5.5016G	105.99	Inf	-Inf	4.66	3	Vertical	263	1.94	101.33	32.70	6.68	34.72
PK	5.46G	61.89	74.00	-12.11	4.54	3	Vertical	263	1.94	57.35	32.62	6.64	34.72
PK	5.47G	65.52	68.20	-2.68	4.57	3	Vertical	263	1.94	60.95	32.64	6.65	34.72
PK	5.499G	118.67	Inf	-Inf	4.66	3	Vertical	263	1.94	114.01	32.70	6.68	34.72

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

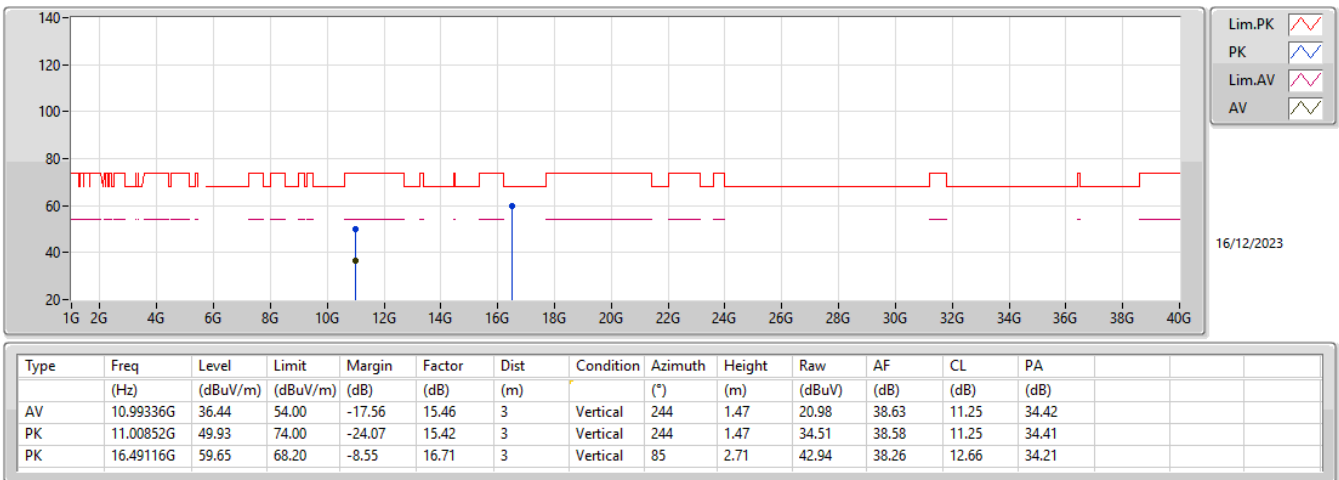
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	43.62	54.00	-10.38	4.54	3	Horizontal	351	1.88	39.08	32.62	6.64	34.72
AV	5.4986G	101.60	Inf	-Inf	4.66	3	Horizontal	351	1.88	96.94	32.70	6.68	34.72
PK	5.4584G	55.95	74.00	-18.05	4.54	3	Horizontal	351	1.88	51.41	32.62	6.64	34.72
PK	5.47G	59.93	68.20	-8.27	4.57	3	Horizontal	351	1.88	55.36	32.64	6.65	34.72
PK	5.4974G	115.41	Inf	-Inf	4.65	3	Horizontal	351	1.88	110.76	32.69	6.68	34.72

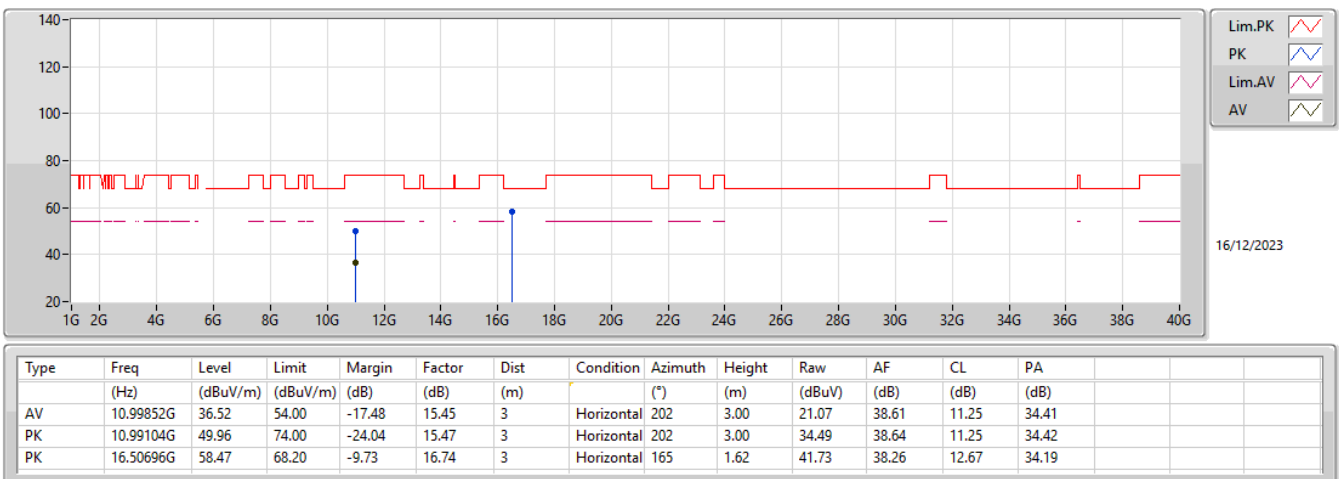
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TX



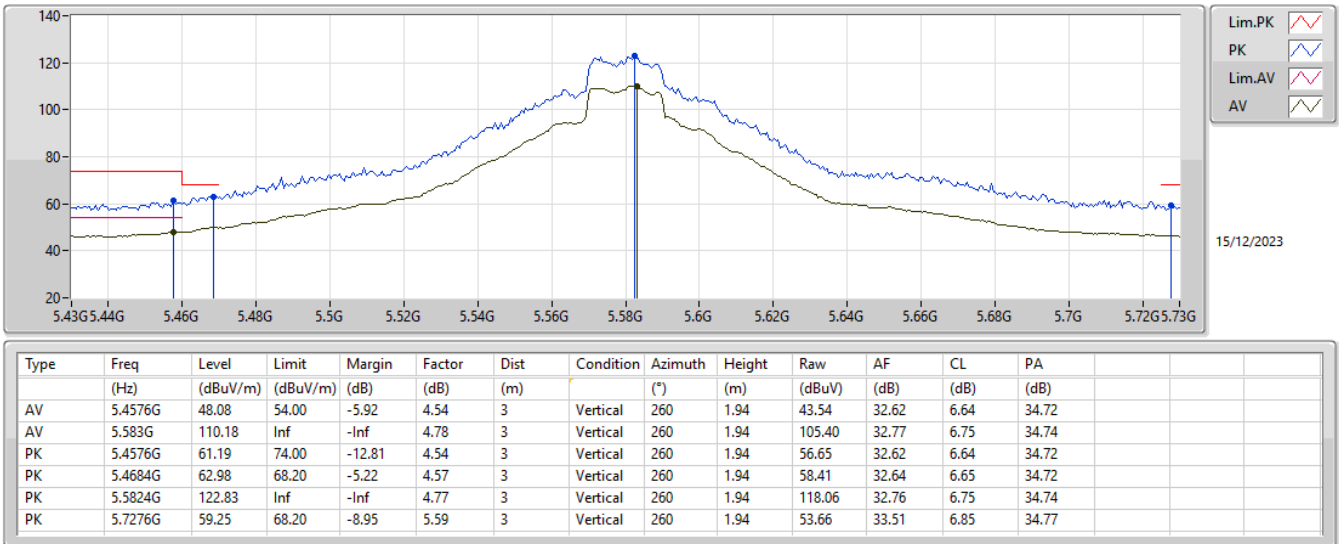
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TX



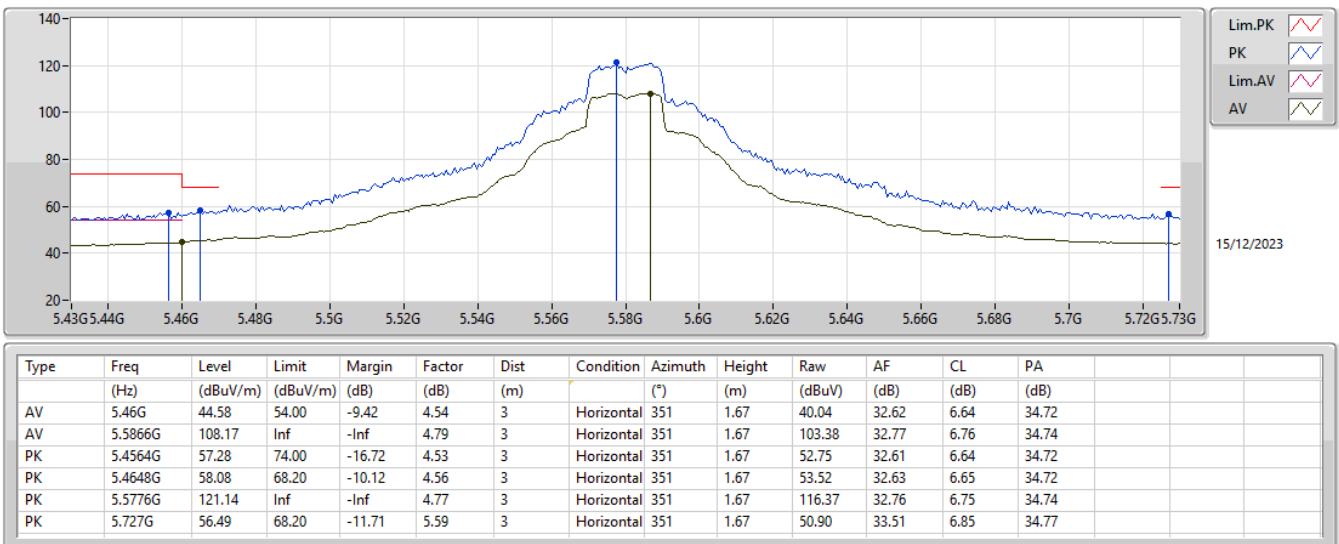
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5580MHz_TX



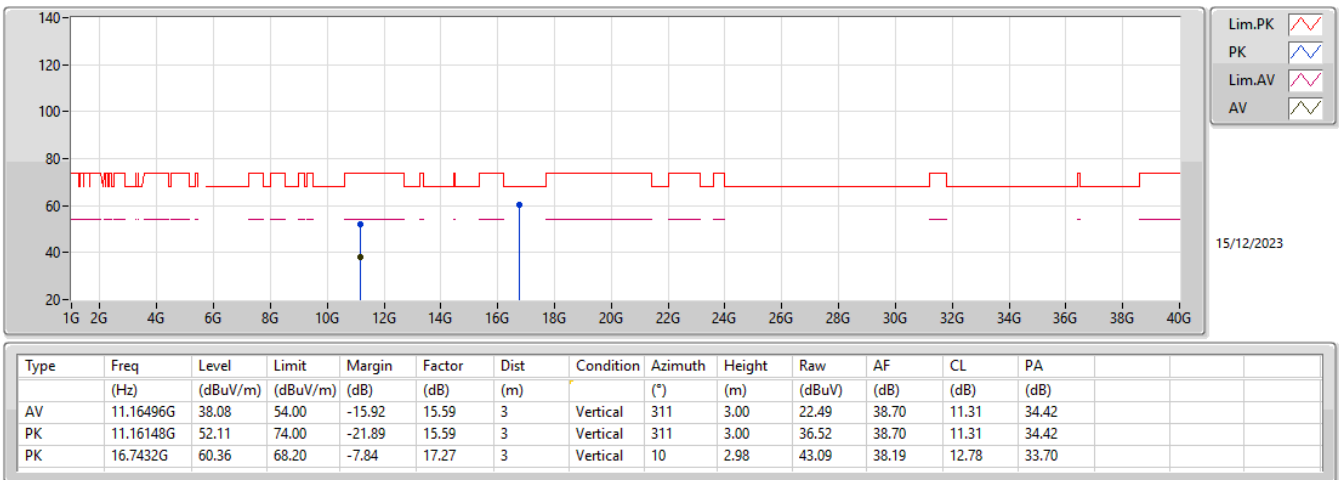
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TX



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

5580MHz_TX



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

5580MHz_TX

