

FCC Radio Test Report

FCC ID : 2AUIUWF6DBMR
Equipment : Wyze Mesh Router
Brand Name : WYZE
Model Name : WF6DBMR
Applicant : Wyze Labs, Inc.
5808 Lake Washington Blvd NE Ste 300,
Kirkland, WA 98033, USA
Manufacturer : Wyze Labs, Inc.
5808 Lake Washington Blvd NE Ste 300,
Kirkland, WA 98033, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 28, 2022, and testing was started from Apr. 01, 2022 and completed on May 12, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver.4.4
FCC ID: 2AUIUWF6DBMR

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	-
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:

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

Reviewed by: Ryan Hsiao

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [8]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [3]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530	106 [1]
Straddle 5690		5690	138 [1]
5150-5350	ac (VHT160),	5250	50 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX

**Beamforming**

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW160-BF	160	2TX
5.25-5.35GHz	802.11ax HEW160-BF	160	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LITEON	N/A	PIFA	I-PEX
2	LITEON	N/A	PIFA	I-PEX
3	LITEON	N/A	PIFA	I-PEX
4	LITEON	N/A	PIFA	I-PEX
5	LITEON	N/A	PIFA	I-PEX
6	LITEON	N/A	PIFA	I-PEX

Ant.	Port	Gain (dBi)			
		2.4G	5G	BT	Zigbee
1	1	3.22	-	-	-
2	2	3.25	-	-	-
3	1	-	4.23	-	-
4	2	-	3.87	-	-
5	1	-	-	3.24	-
6	1	-	-	-	2.14

Note 1: The EUT has six antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

Ant. 5 (port 1) could transmit/receive

For Zigbee function:

For Zigbee mode (1TX/1RX)

Ant. 6 (port 1) could transmit/receive.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_2TX	0.912	0.4	1.433m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.902	0.45	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.899	0.46	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.899	0.46	5.445m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.895	0.48	5.445m	300

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.902	0.45	5.445m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.899	0.46	5.445m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.899	0.46	5.445m	300
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.895	0.48	5.445m	300

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

**1.1.5 Table for Multiple Listing**

SKU No.	Ethernet IC
Main Source (SKU 1)	Brand: Qualcomm / Model: QCA8081
2nd Source (SKU 2)	Brand: Qualcomm / Model: QCA8080

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR210727AN

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

Modifications	Performance Checking
U-NII-2A and UNII-2C were added.	All

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	Johnny	21.1~26.9°C / 52~59%	10/May/2022~12/May/2022
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Daniel	21.6~21.8°C / 58~65%	01/Apr/2022~07/Apr/2022

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
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 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_00086.1
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	18.5
5300MHz	18.5
5320MHz	18.5
5500MHz	19
5580MHz	19
5700MHz	19.5
5720MHz Straddle 5.47-5.725GHz	19.5
5720MHz Straddle 5.725-5.85GHz	19.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	19
5300MHz	19
5320MHz	19
5500MHz	18
5580MHz	19.5
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	20
5720MHz Straddle 5.725-5.85GHz	20
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	20.5
5310MHz	18
5510MHz	19
5550MHz	20
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	19
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
802.11ax HEW160_Nss1,(MCS0)_2TX	-



Mode	Power Setting
5250MHz Straddle 5.15-5.25GHz	17
5250MHz Straddle 5.25-5.35GHz	17

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	19
5300MHz	19
5320MHz	19
5500MHz	18
5580MHz	19.5
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	20
5720MHz Straddle 5.725-5.85GHz	20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	19.5
5310MHz	18
5510MHz	19
5550MHz	20
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	19
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	17
5250MHz Straddle 5.25-5.35GHz	17

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	Adapter mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth + Zigbee
Refer to Sporton Test Report No.: FA210727-01 for Co-location RF Exposure Evaluation.	

2.3 Accessories

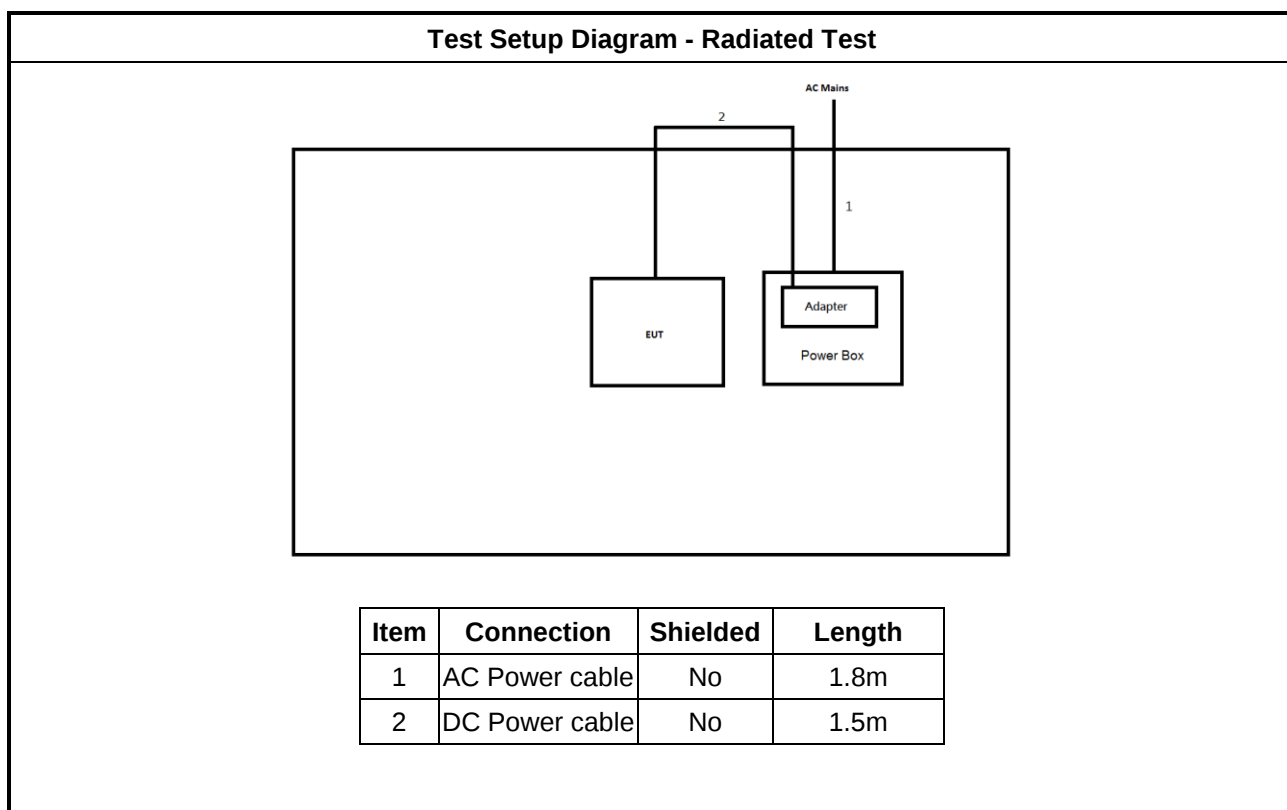
Accessories				
AC Adapter	Brand Name	APD	Model Name	WB-12G12FU
	Manufacturer	Asian Power		
	Power Rating	I/P: 100-240Vac, 50-60Hz, 0.3A, O/P: 12Vdc, 1A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		

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

2.4 Support Equipment

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

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

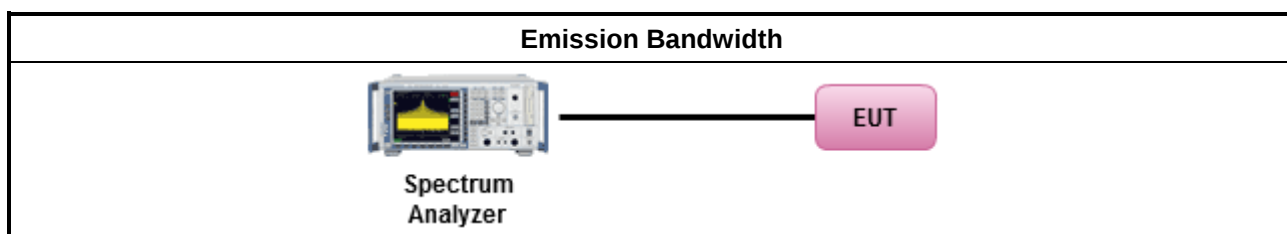
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
☐	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
☐	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

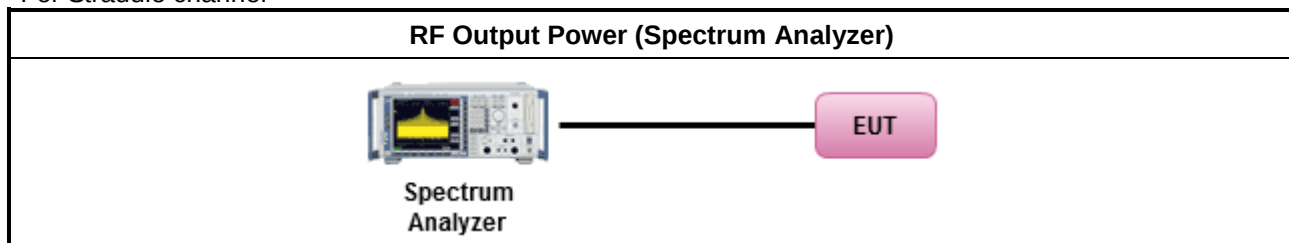
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

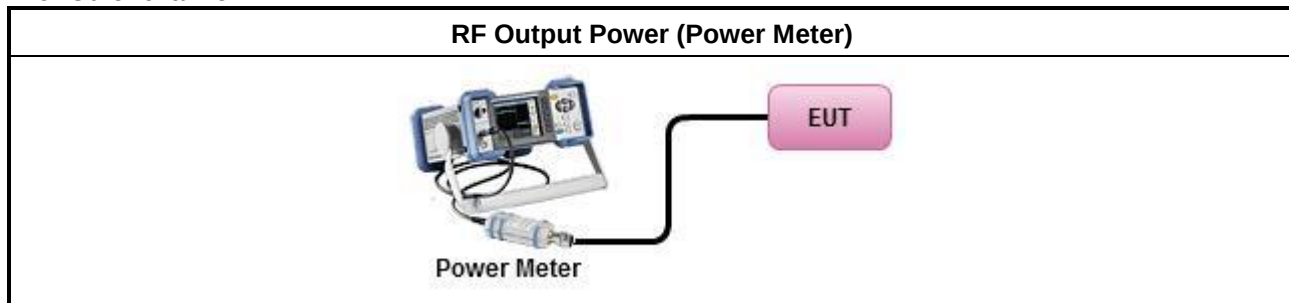
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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 the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

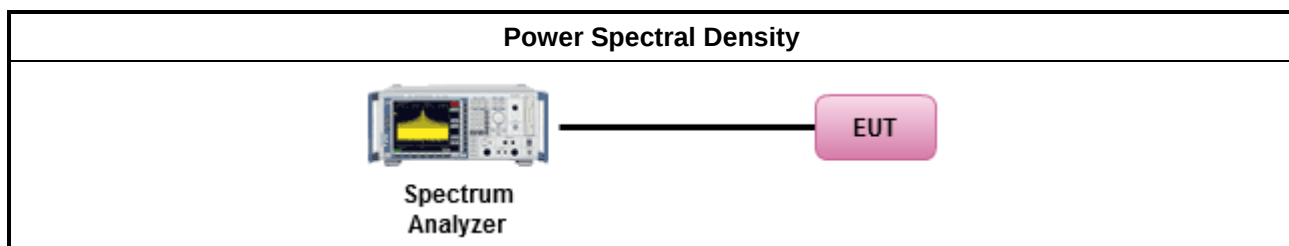
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

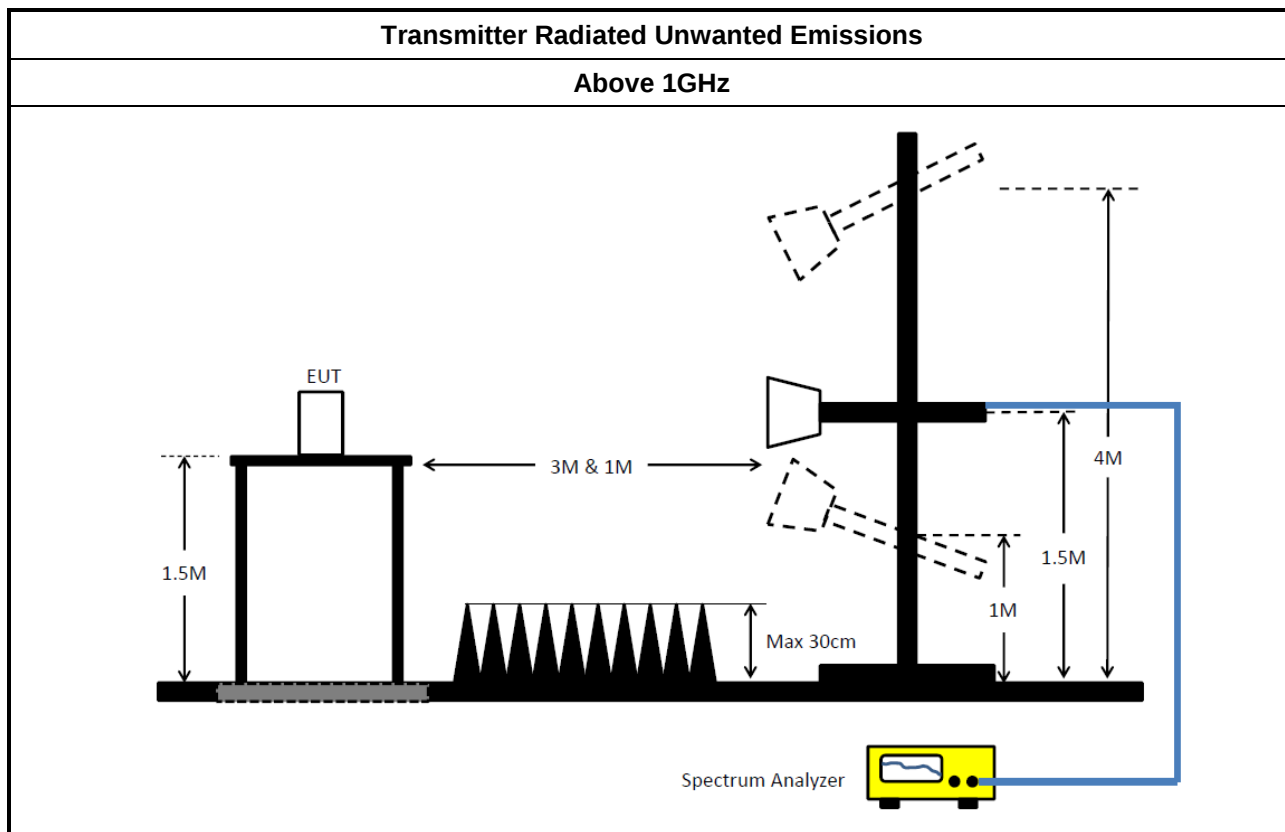
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup



3.4.6 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	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15407_NII	Sporton	V5.10.7.18	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-15407_NII	Sporton	V5.10.7.18	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	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	82.64M	78.521M	78M5D1D	82.56M	78.281M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.68M	16.312M	16M3D1D	18.9M	16.282M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.21M	18.891M	18M9D1D	20.79M	18.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	43.02M	38.141M	38M1D1D	40.08M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	76.882M	76M9D1D	81.36M	76.882M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.68M	78.121M	78M1D1D	81.52M	77.961M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.71M	16.342M	16M3D1D	14.46M	13.133M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.21M	18.861M	18M9D1D	15.465M	14.393M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.26M	37.721M	37M7D1D	35.035M	33.723M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.6M	76.882M	76M9D1D	75.975M	72.789M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.14M	3.638M	3M64D1D	3.12M	3.598M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.38M	4.638M	4M64D1D	4.36M	4.618M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	10.715M	10M7D1D	3.9M	4.618M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	8.836M	8M84D1D	4.02M	5.437M

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

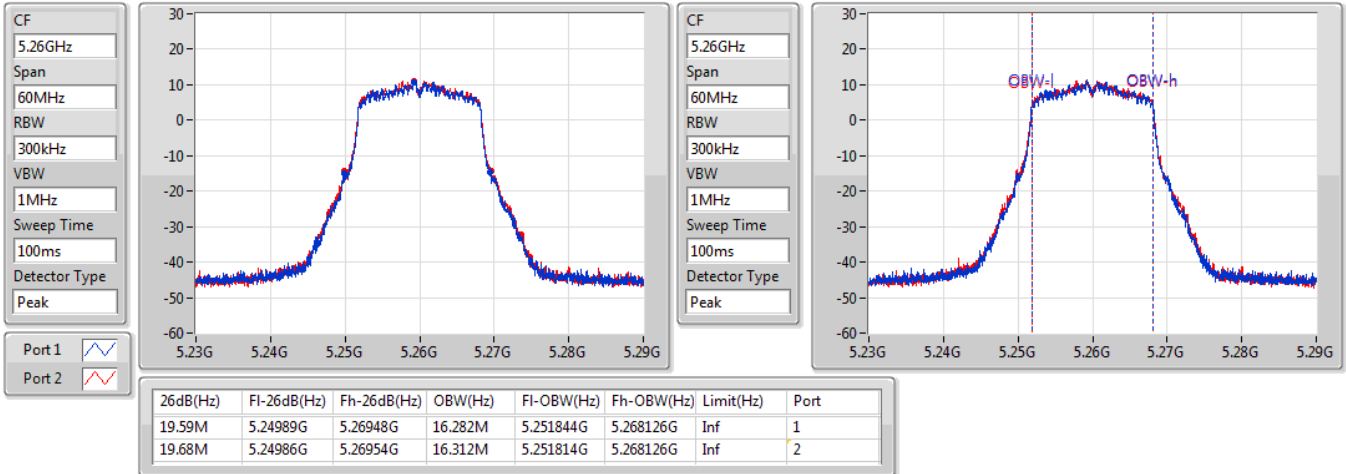
Result

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	-	-	-	-	-	-
5260MHz	Pass	Inf	19.59M	16.282M	19.68M	16.312M
5300MHz	Pass	Inf	18.9M	16.312M	19.5M	16.312M
5320MHz	Pass	Inf	19.5M	16.312M	19.68M	16.312M
5500MHz	Pass	Inf	19.41M	16.282M	19.65M	16.312M
5580MHz	Pass	Inf	19.5M	16.342M	19.53M	16.312M
5700MHz	Pass	Inf	19.59M	16.342M	19.71M	16.312M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.46M	13.148M	14.535M	13.133M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.638M	3.14M	3.598M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.18M	18.891M	20.85M	18.861M
5300MHz	Pass	Inf	21.18M	18.861M	20.79M	18.891M
5320MHz	Pass	Inf	21.09M	18.861M	21.21M	18.831M
5500MHz	Pass	Inf	20.94M	18.831M	20.88M	18.861M
5580MHz	Pass	Inf	21.21M	18.831M	21M	18.831M
5700MHz	Pass	Inf	21.06M	18.831M	21.03M	18.861M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	14.393M	15.465M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.618M	4.38M	4.638M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	43.02M	38.141M	40.98M	37.961M
5310MHz	Pass	Inf	40.2M	37.721M	40.08M	37.721M
5510MHz	Pass	Inf	40.08M	37.661M	40.14M	37.721M
5550MHz	Pass	Inf	39.96M	37.661M	40.2M	37.721M
5670MHz	Pass	Inf	40.26M	37.661M	40.14M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.723M	35.595M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.618M	3.9M	10.715M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	76.882M	81.36M	76.882M
5530MHz	Pass	Inf	81.36M	76.762M	81.6M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	72.789M	75.975M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	8.836M	4.02M	5.437M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.56M	78.521M	82.64M	78.281M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.68M	78.121M	81.52M	77.961M

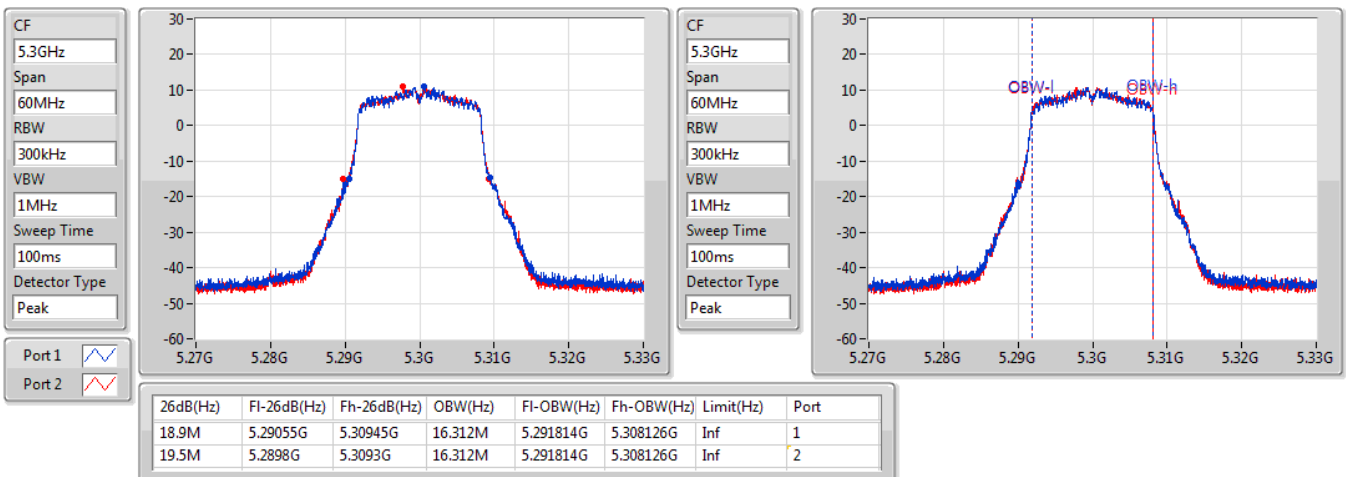
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

10/05/2022

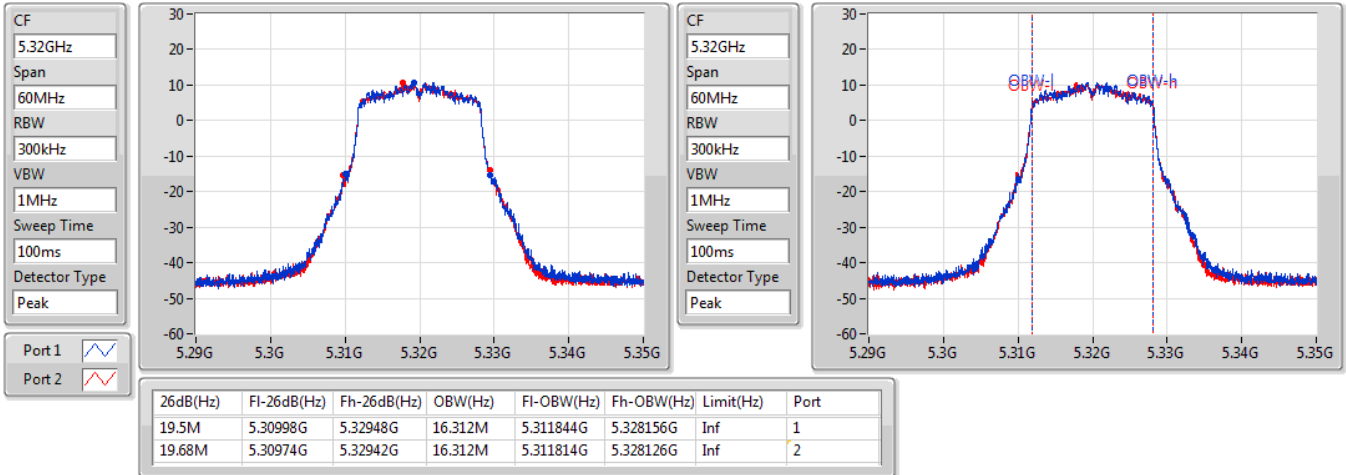

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

10/05/2022

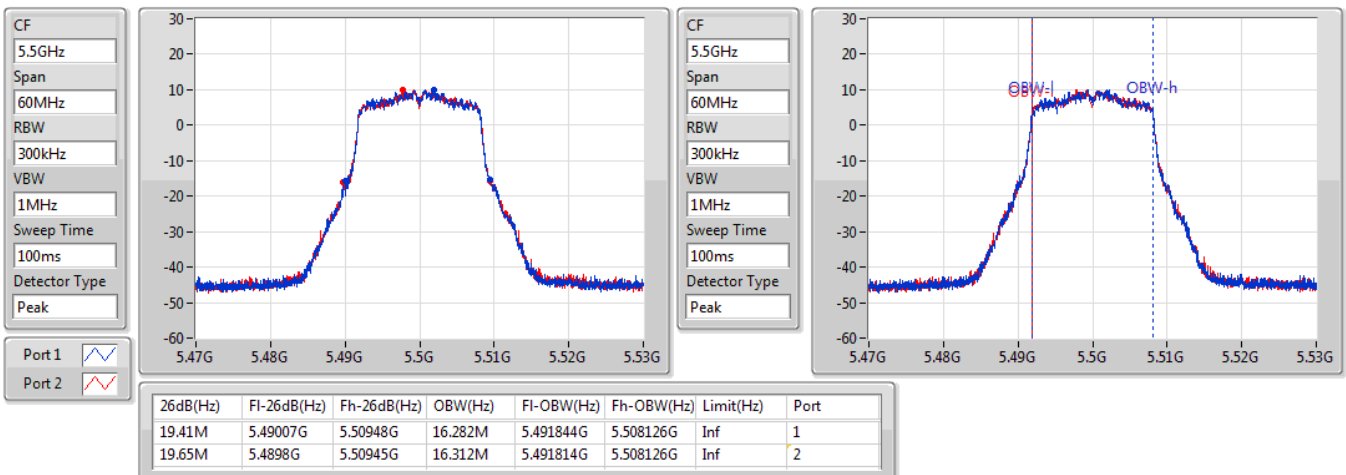


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

10/05/2022

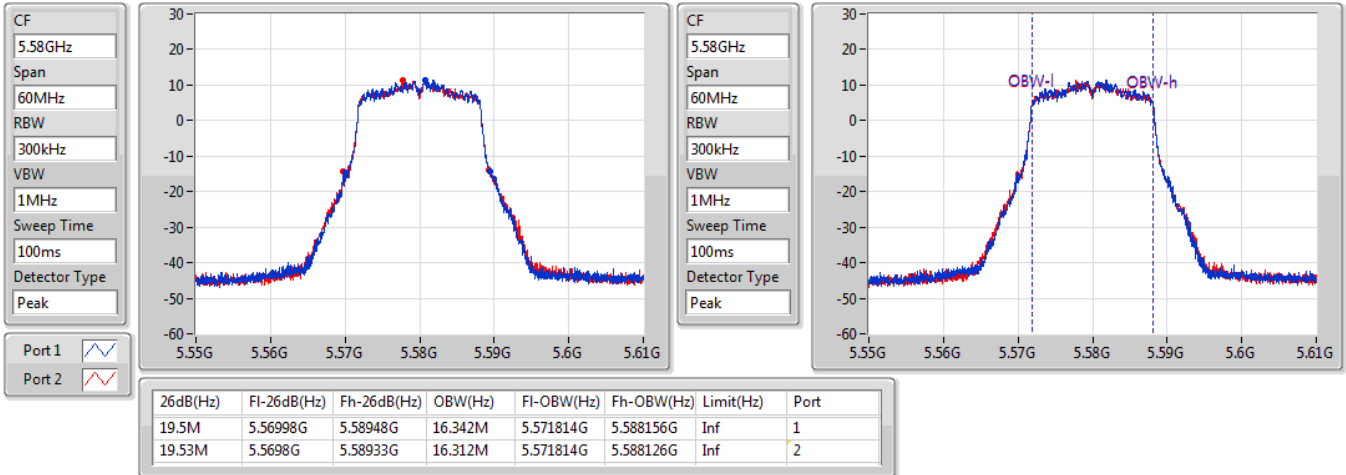

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

10/05/2022

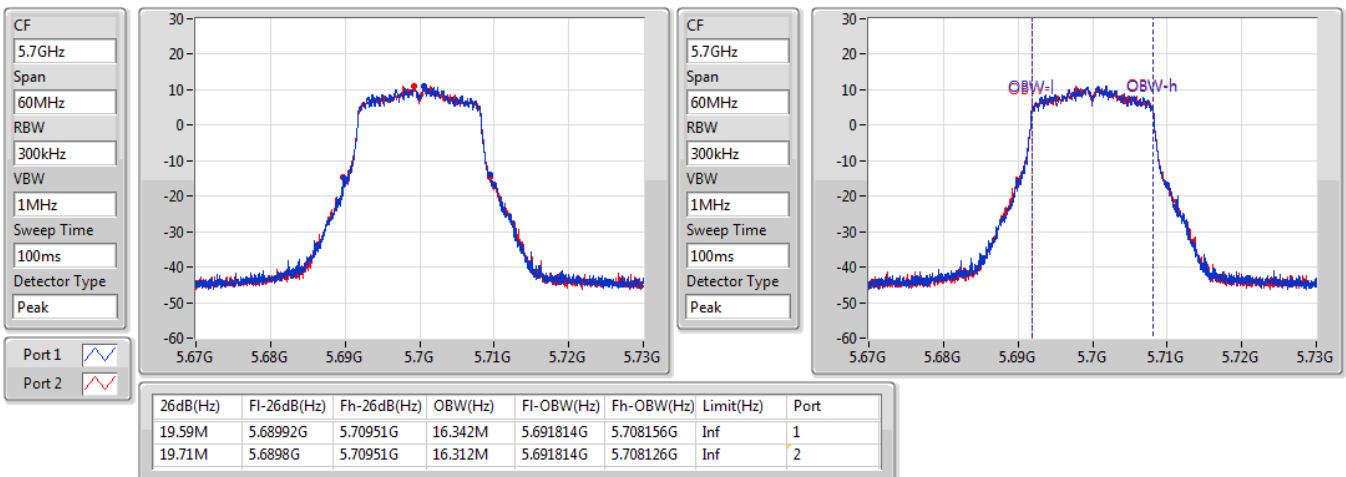


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

10/05/2022


802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

10/05/2022

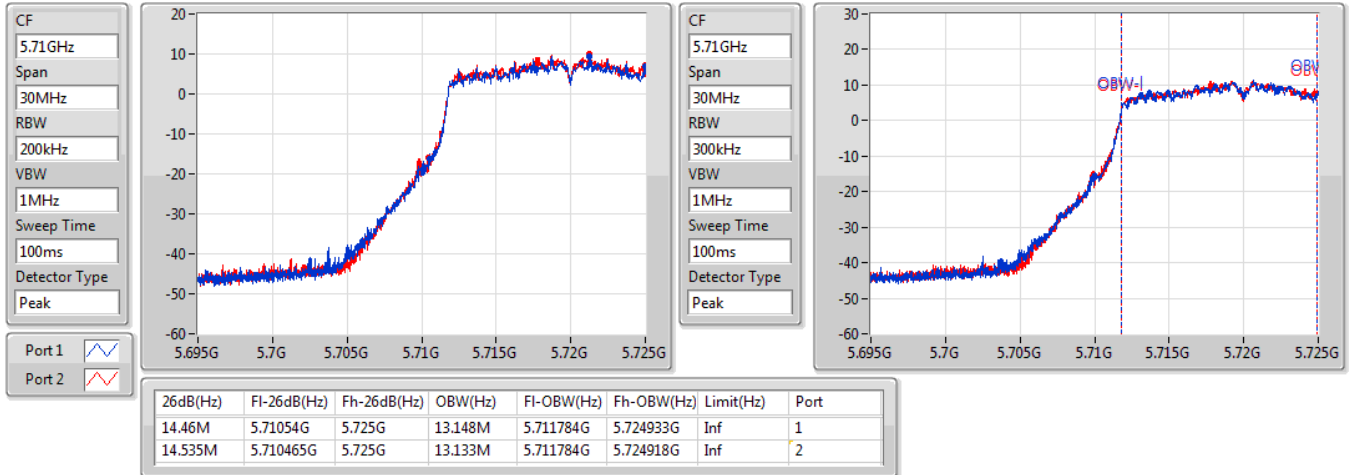


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

10/05/2022

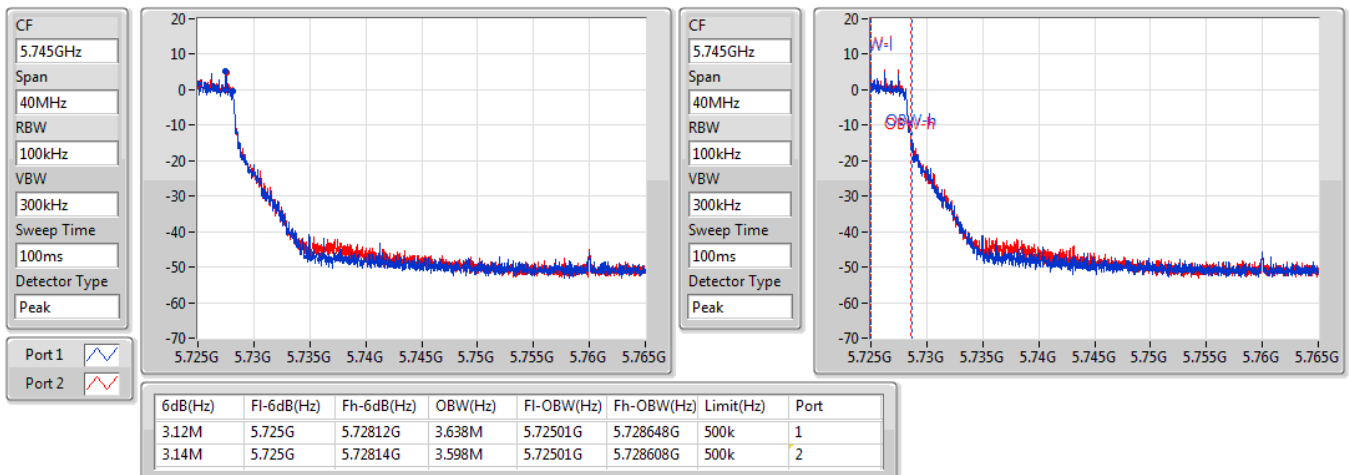


802.11a_Nss1,(6Mbps)_2TX

EBW

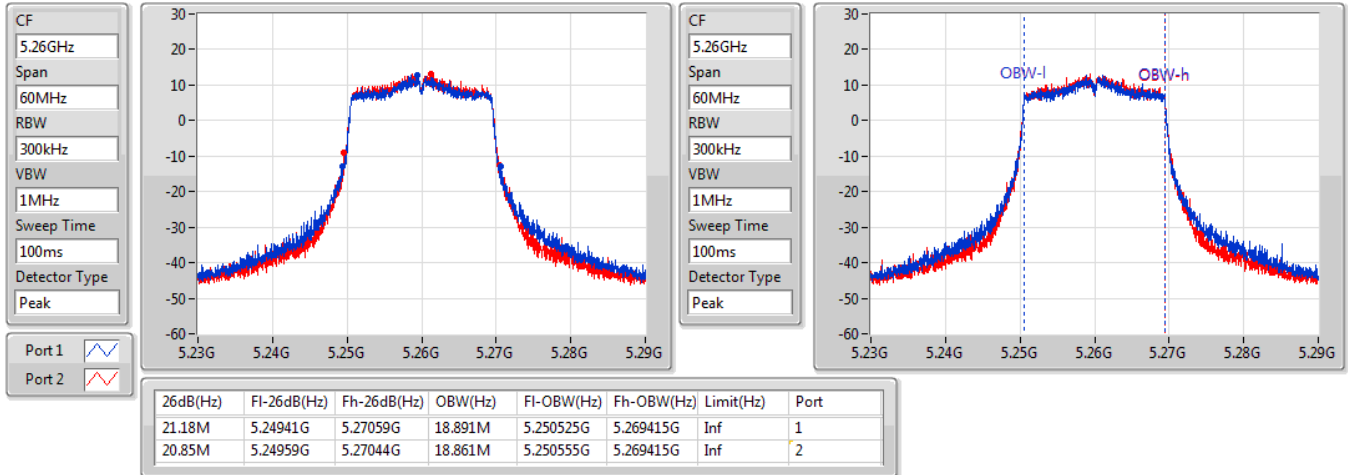
5720MHz Straddle 5.725-5.85GHz

10/05/2022

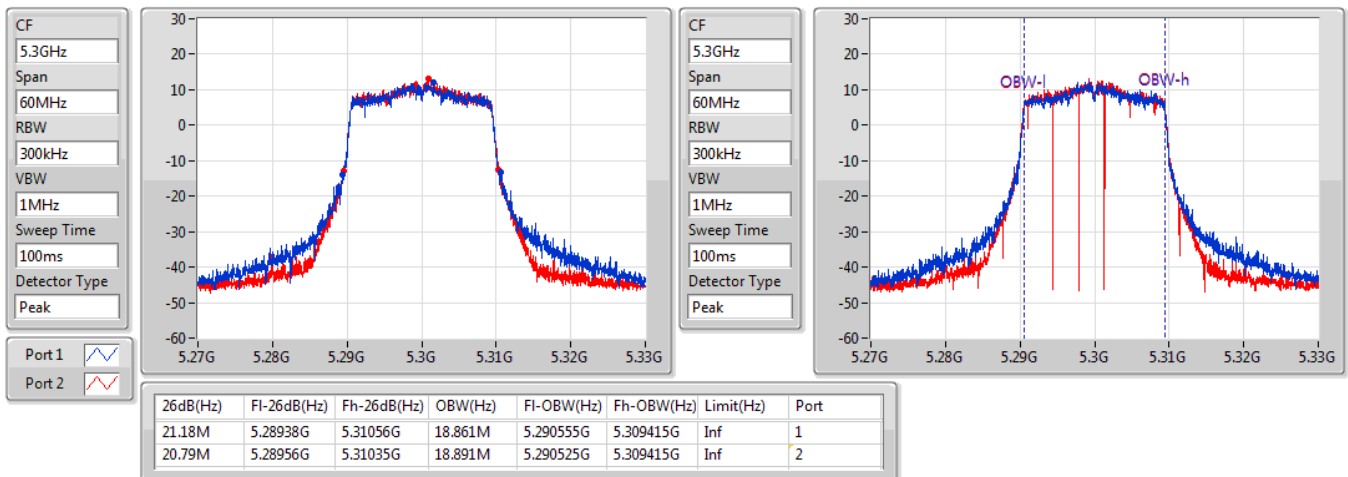


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

10/05/2022


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5300MHz

10/05/2022

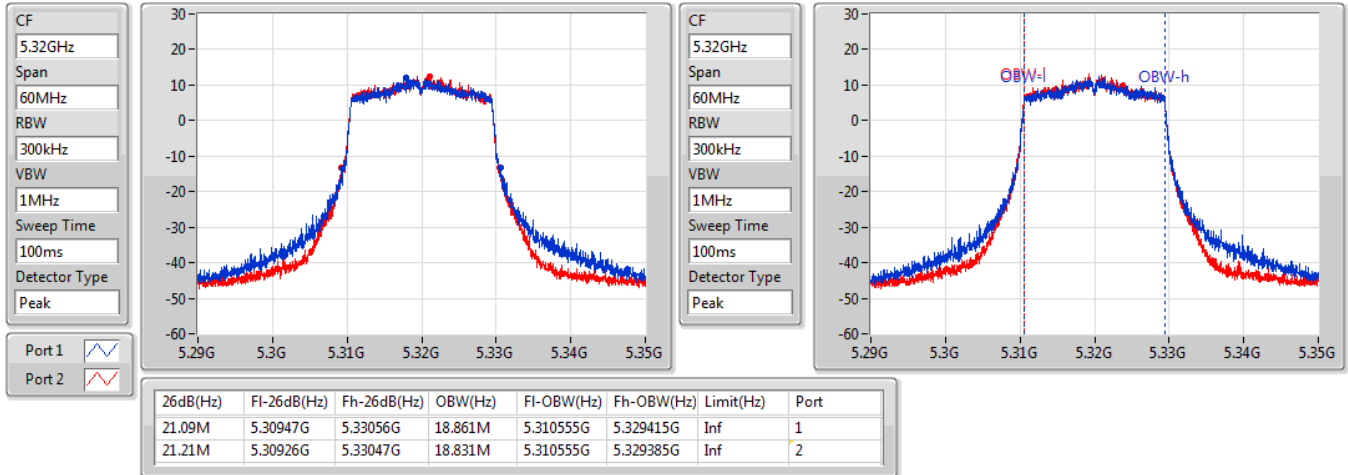


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

10/05/2022

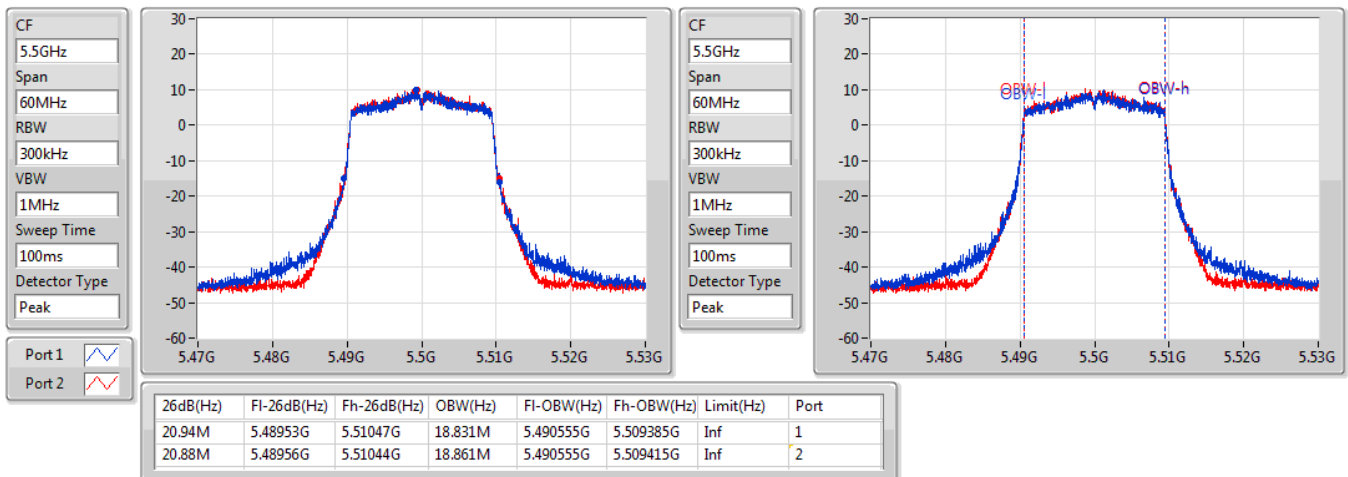


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

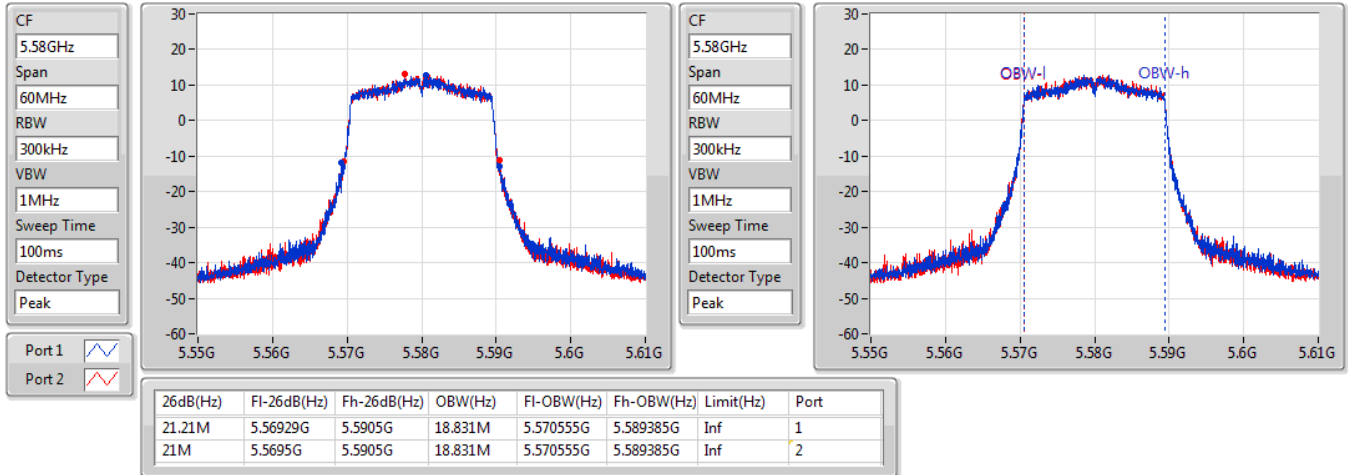
5500MHz

10/05/2022

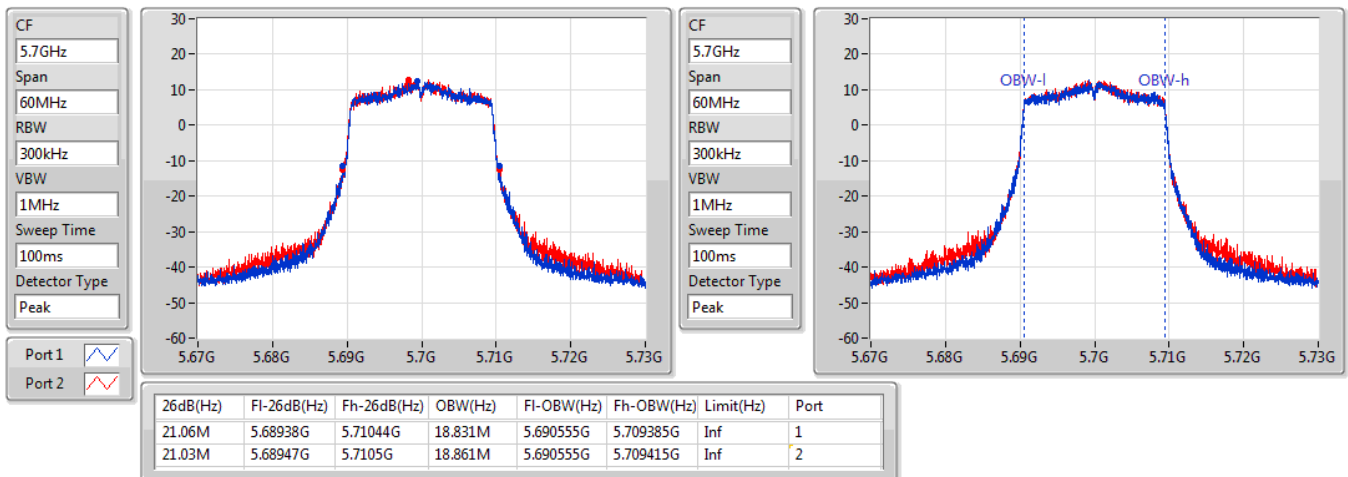


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

10/05/2022

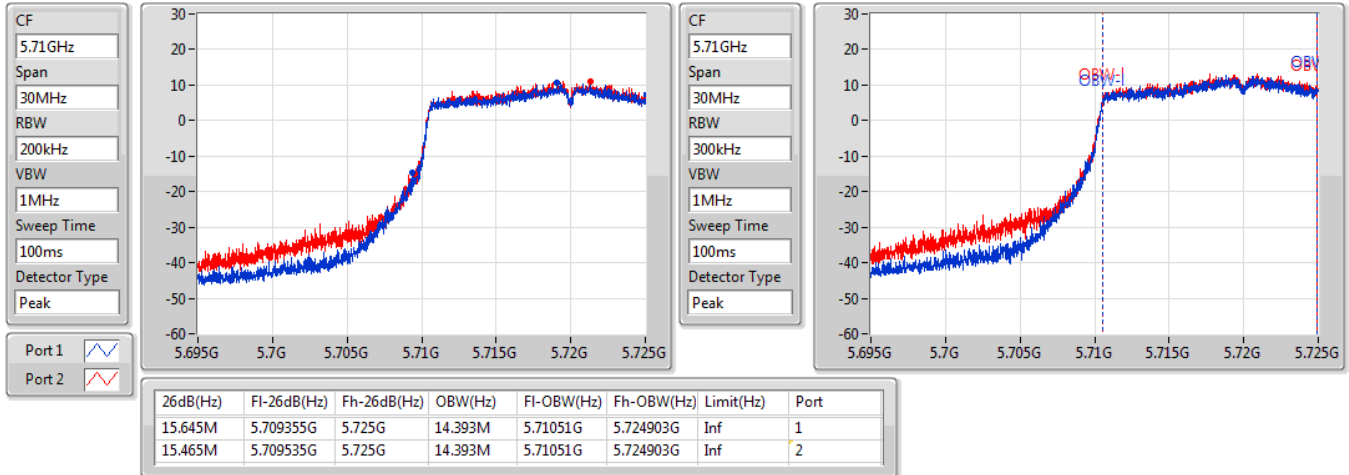

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

10/05/2022

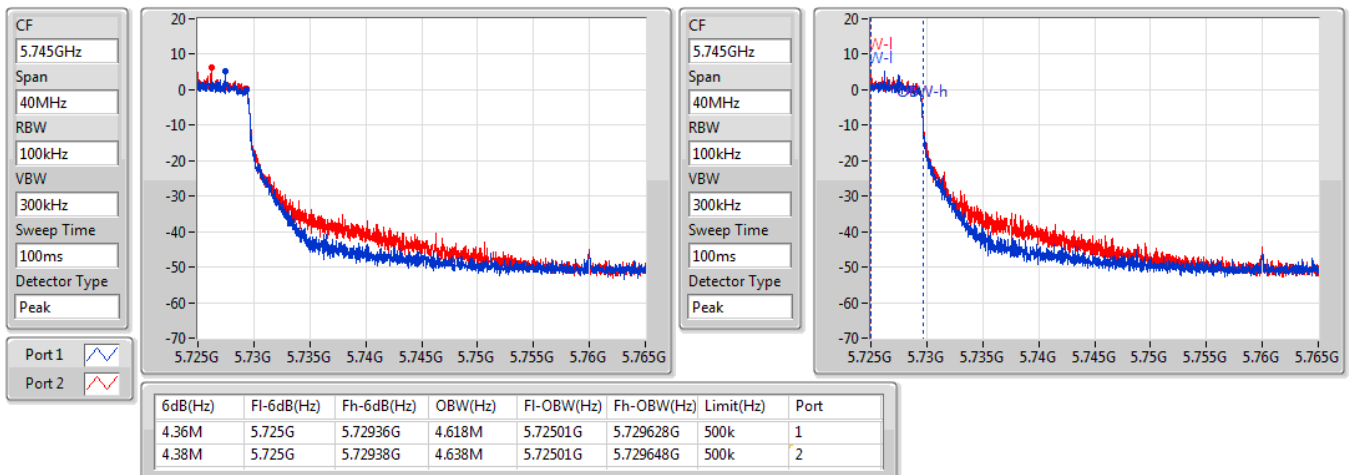


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

10/05/2022


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

10/05/2022

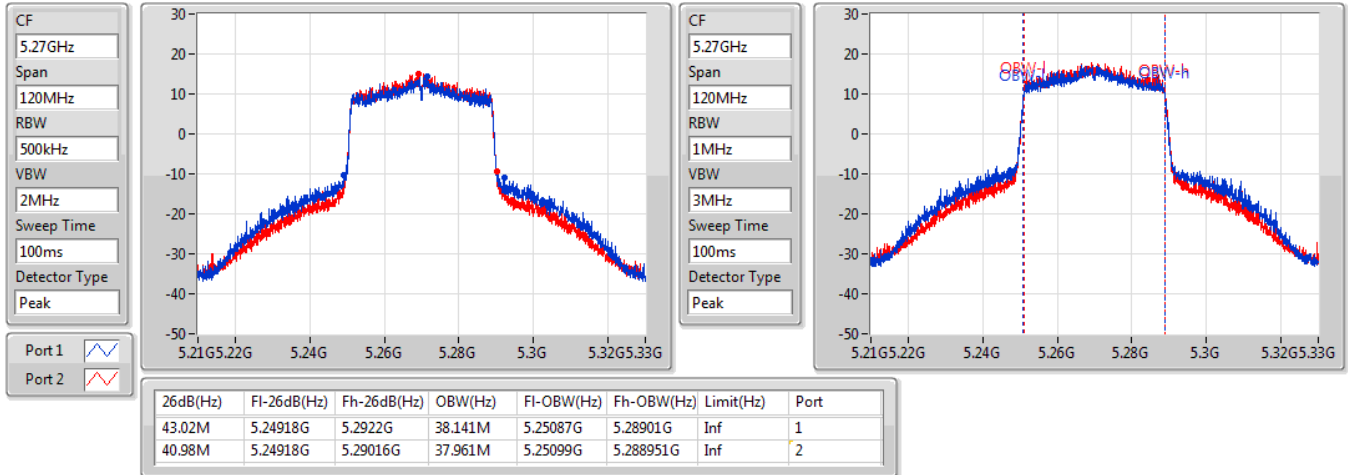


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

10/05/2022

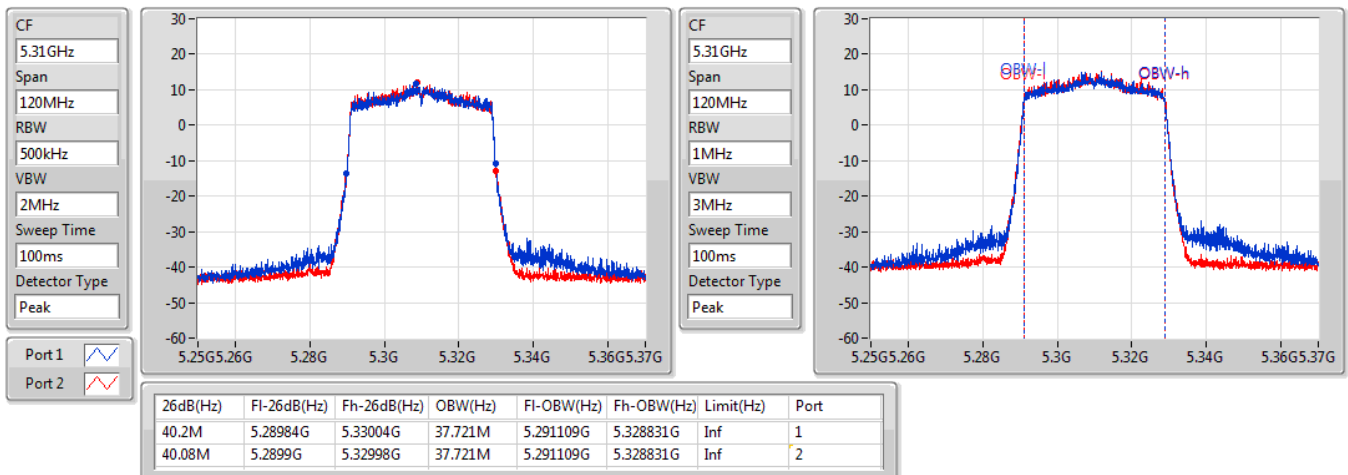


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

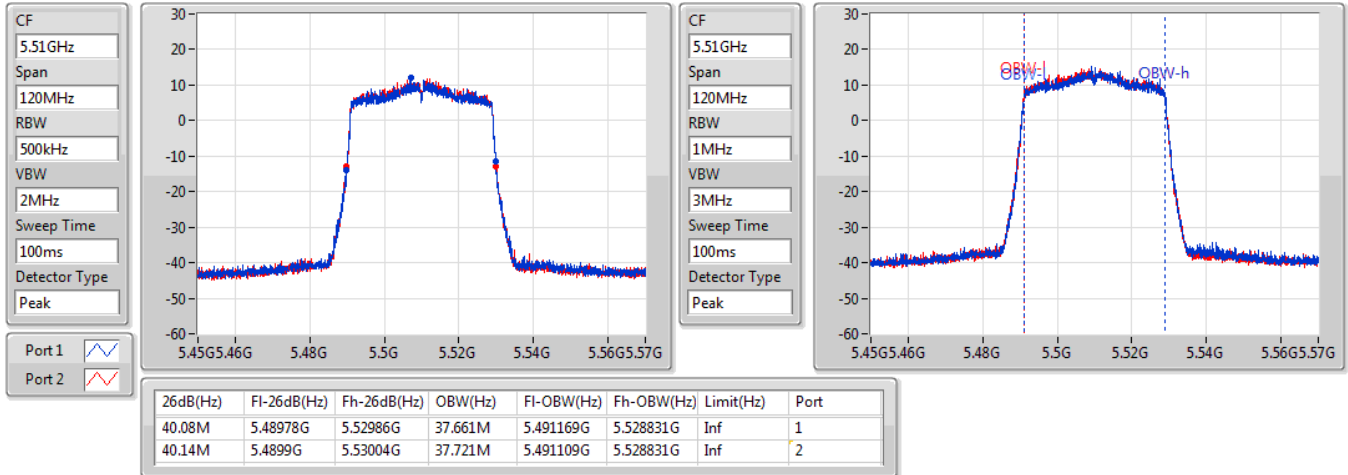
5310MHz

10/05/2022

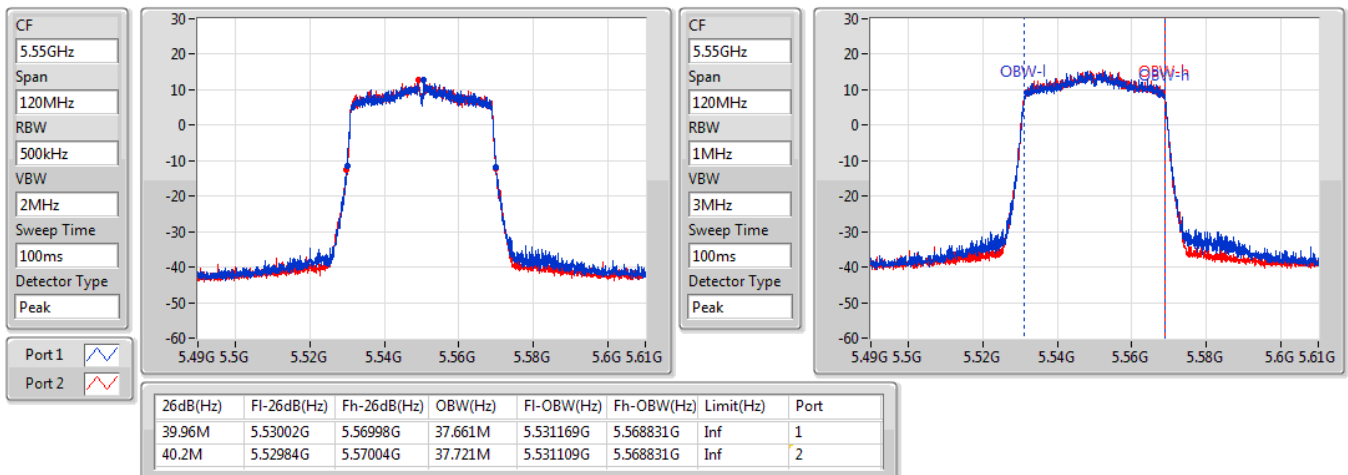


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

10/05/2022


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

10/05/2022

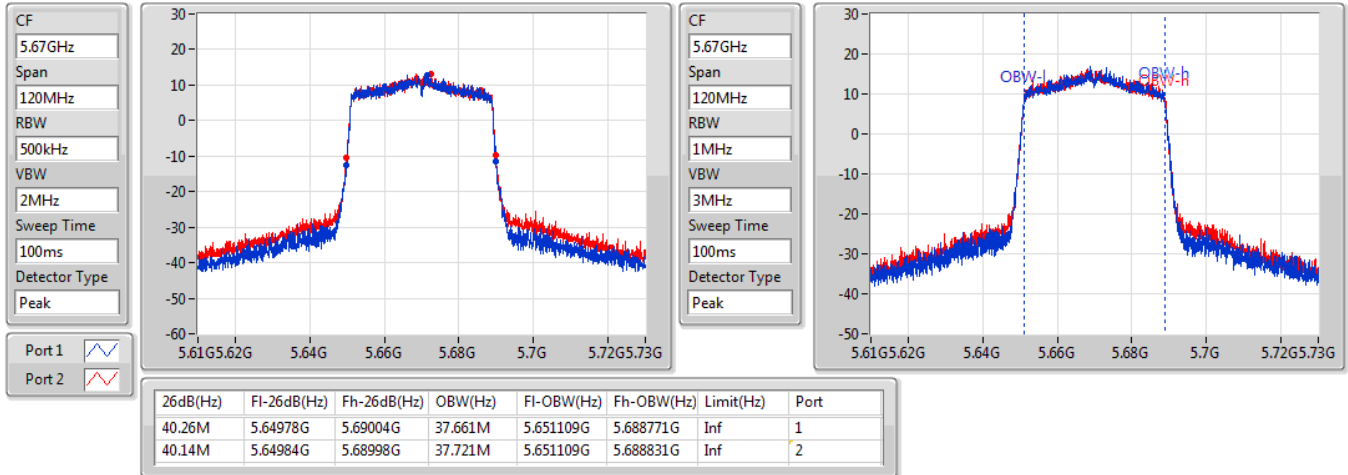


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

10/05/2022

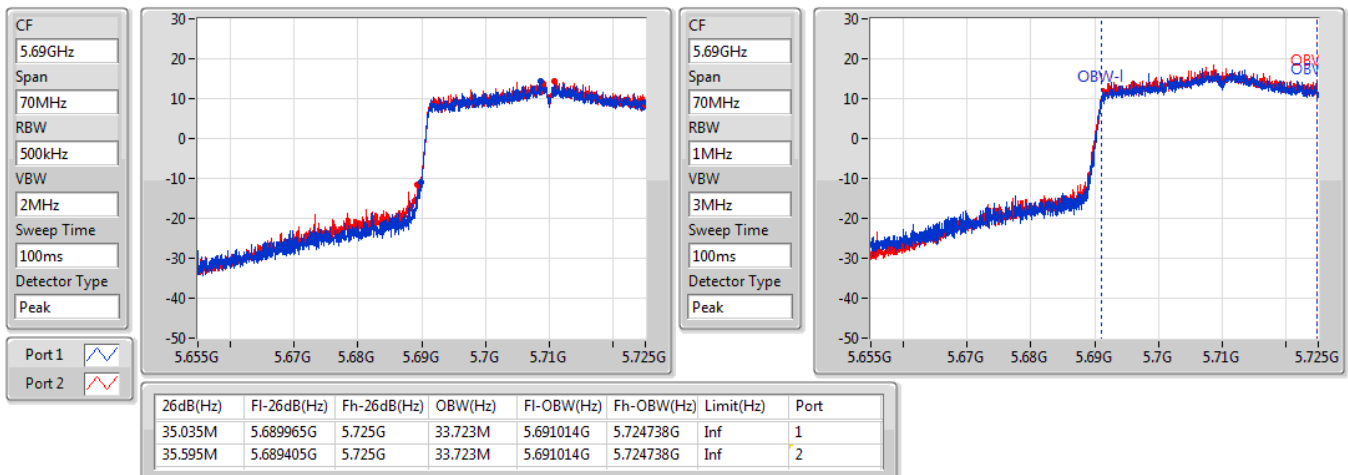


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

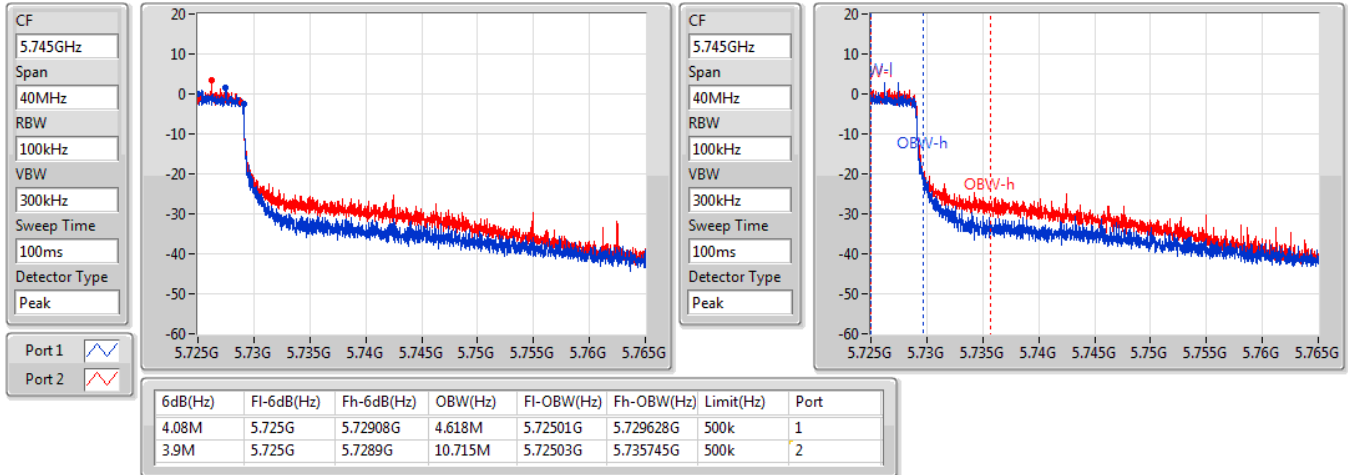
5710MHz Straddle 5.47-5.725GHz

10/05/2022

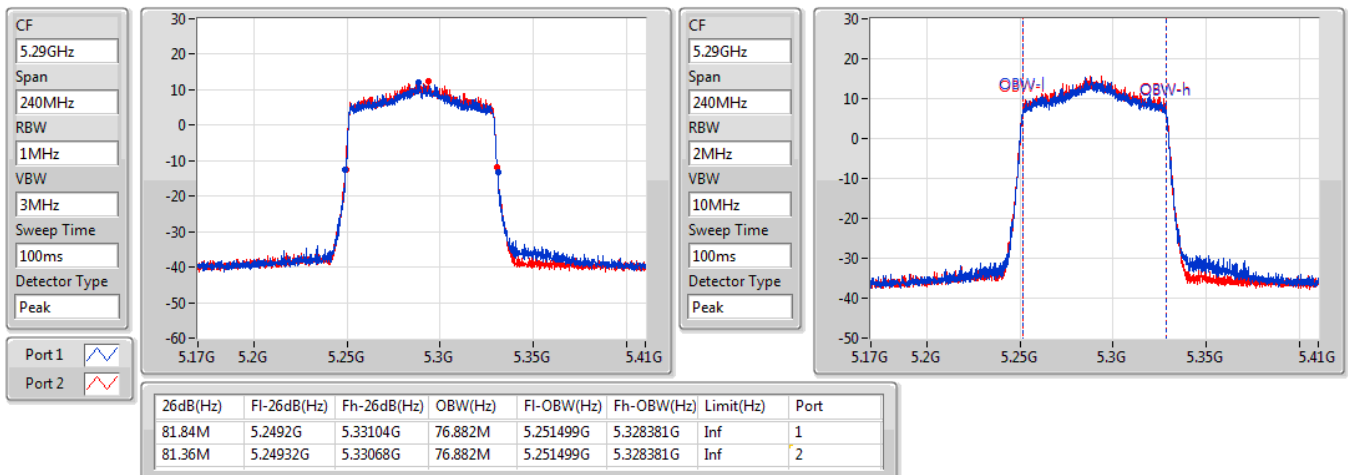


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

10/05/2022


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

10/05/2022

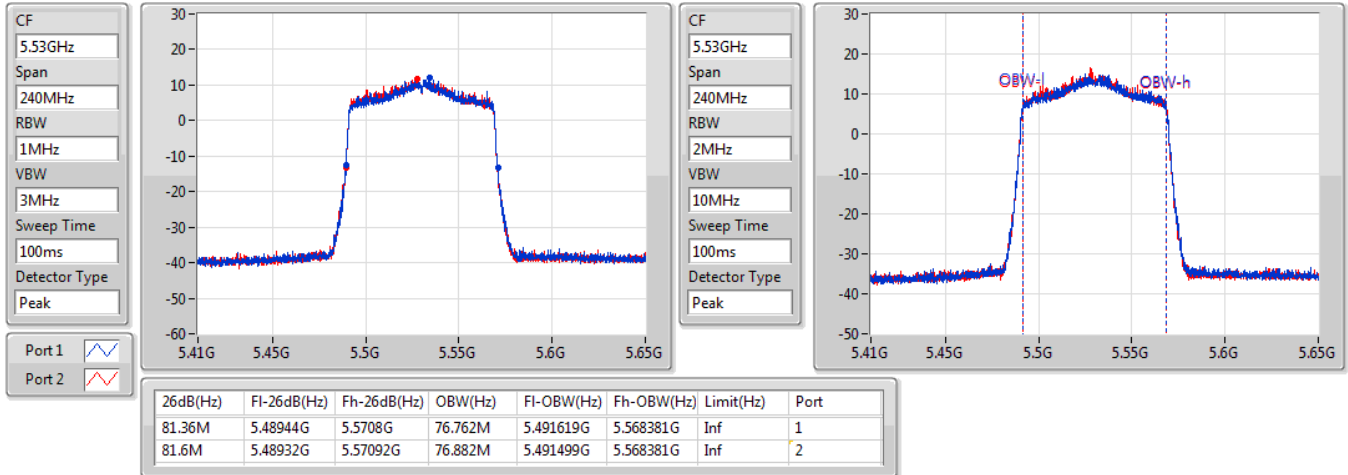


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

10/05/2022

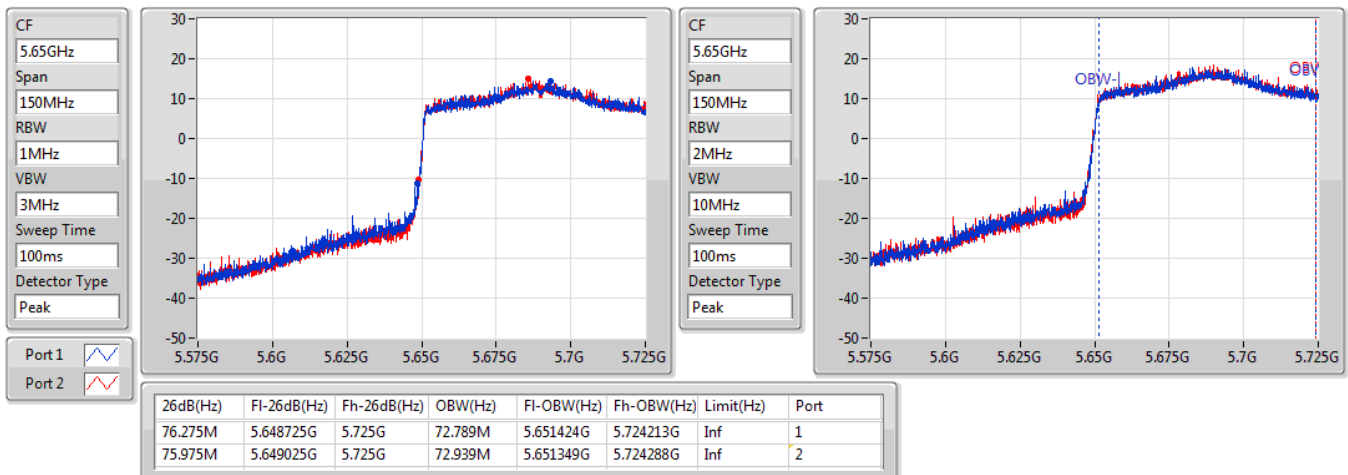


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

10/05/2022

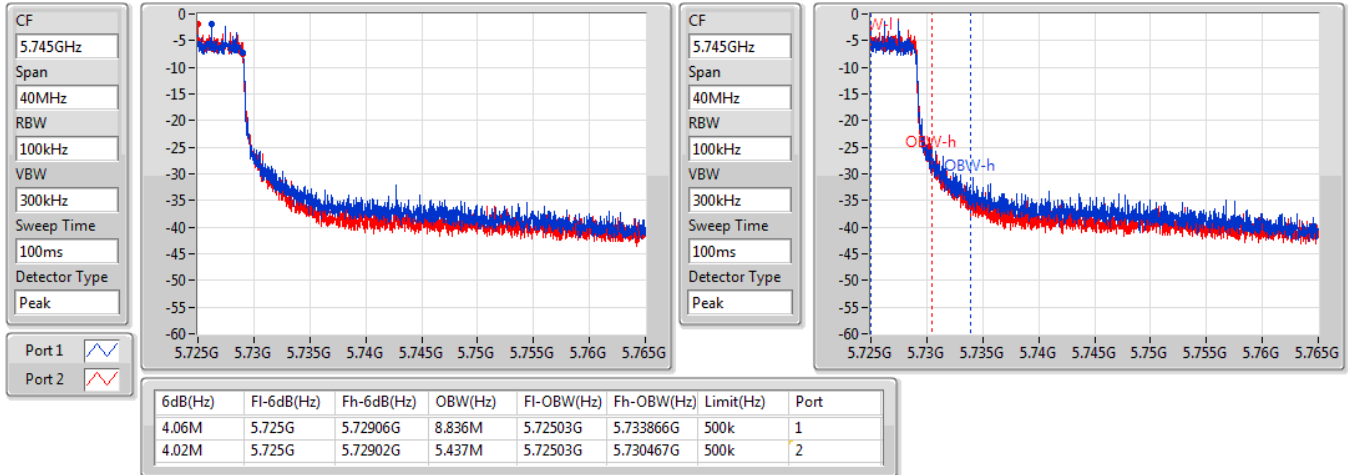


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

10/05/2022

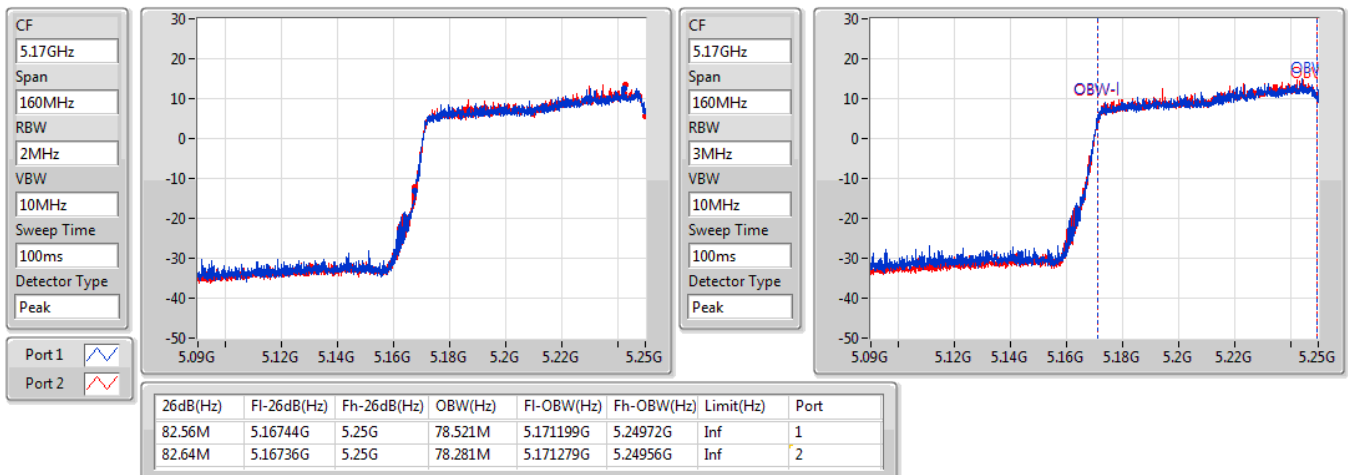


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

10/05/2022

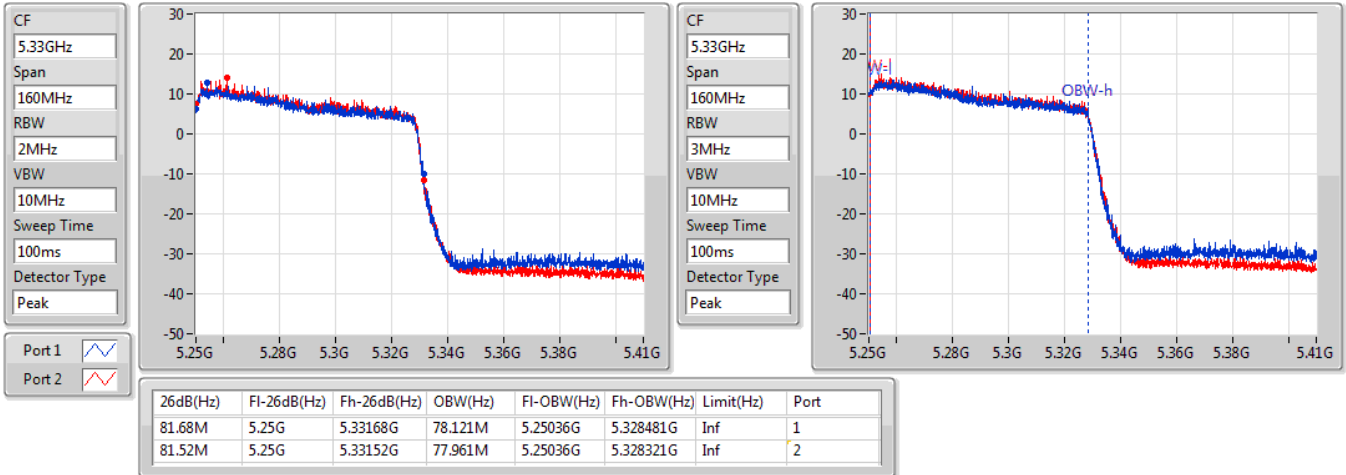


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

10/05/2022



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	17.52	0.05649	21.75	0.14962
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.95	0.12445	25.18	0.32961
802.11ax HEW20_Nss1,(MCS0)_2TX	21.21	0.13213	25.44	0.34995
802.11ax HEW40_Nss1,(MCS0)_2TX	23.19	0.20845	27.42	0.55208
802.11ax HEW80_Nss1,(MCS0)_2TX	19.71	0.09354	23.94	0.24774
802.11ax HEW160_Nss1,(MCS0)_2TX	17.01	0.05023	21.24	0.13305
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.44	0.13932	25.67	0.36898
802.11ax HEW20_Nss1,(MCS0)_2TX	21.96	0.15704	26.19	0.41591
802.11ax HEW40_Nss1,(MCS0)_2TX	22.56	0.18030	26.79	0.47753
802.11ax HEW80_Nss1,(MCS0)_2TX	22.51	0.17824	26.74	0.47206
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.62	0.01828	16.85	0.04842
802.11ax HEW20_Nss1,(MCS0)_2TX	13.96	0.02489	18.19	0.06592
802.11ax HEW40_Nss1,(MCS0)_2TX	11.37	0.01371	15.60	0.03631
802.11ax HEW80_Nss1,(MCS0)_2TX	6.87	0.00486	11.10	0.01288

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	-	-	-	-	-	-	-	-
5260MHz	Pass	4.23	17.65	18.21	20.95	23.92	25.18	29.92
5300MHz	Pass	4.23	17.50	17.74	20.63	23.76	24.86	29.76
5320MHz	Pass	4.23	17.51	17.72	20.63	23.90	24.86	29.90
5500MHz	Pass	4.23	17.15	17.43	20.30	23.88	24.53	29.88
5580MHz	Pass	4.23	18.33	18.34	21.35	23.90	25.58	29.90
5700MHz	Pass	4.23	18.34	18.52	21.44	23.92	25.67	29.92
5720MHz Straddle 5.47-5.725GHz	Pass	4.23	17.11	17.54	20.34	22.60	24.57	28.60
5720MHz Straddle 5.725-5.85GHz	Pass	4.23	9.34	9.86	12.62	30.00	16.85	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.23	17.94	18.45	21.21	23.98	25.44	30.00
5300MHz	Pass	4.23	17.83	18.23	21.04	23.98	25.27	30.00
5320MHz	Pass	4.23	17.78	17.99	20.90	23.98	25.13	30.00
5500MHz	Pass	4.23	15.74	15.94	18.85	23.98	23.08	30.00
5580MHz	Pass	4.23	19.29	18.57	21.96	23.98	26.19	30.00
5700MHz	Pass	4.23	18.05	18.35	21.21	23.98	25.44	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.23	17.43	17.94	20.70	22.89	24.93	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.23	10.64	11.23	13.96	30.00	18.19	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.23	19.80	20.52	23.19	23.98	27.42	30.00
5310MHz	Pass	4.23	17.01	17.18	20.11	23.98	24.34	30.00
5510MHz	Pass	4.23	17.08	17.42	20.26	23.98	24.49	30.00
5550MHz	Pass	4.23	17.93	18.12	21.04	23.98	25.27	30.00
5670MHz	Pass	4.23	18.40	18.51	21.47	23.98	25.70	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.23	19.37	19.72	22.56	23.98	26.79	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.23	8.13	8.57	11.37	30.00	15.60	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.23	16.42	16.97	19.71	23.98	23.94	30.00
5530MHz	Pass	4.23	16.88	17.04	19.97	23.98	24.20	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.23	19.44	19.55	22.51	23.98	26.74	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.23	3.76	3.96	6.87	30.00	11.10	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.23	14.37	14.65	17.52	30.00	21.75	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.23	13.76	14.23	17.01	23.98	21.24	30.00

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

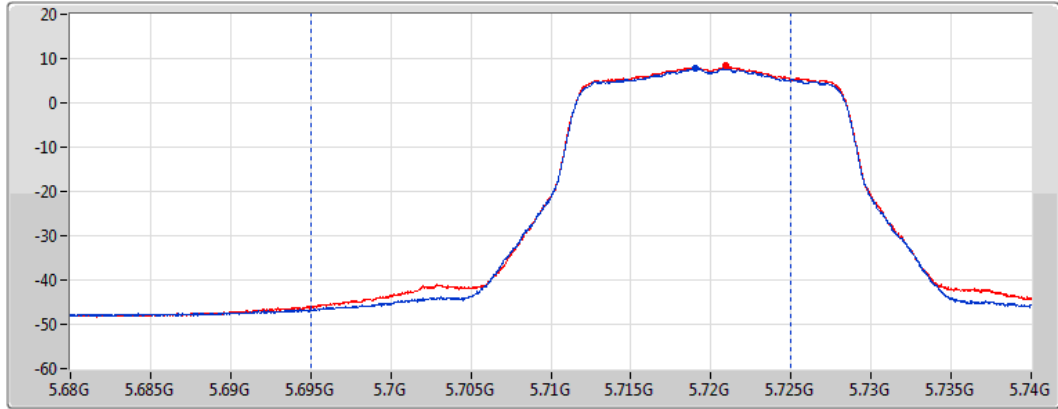
802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

10/05/2022

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz



Port1
Port2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.34	17.11	17.54

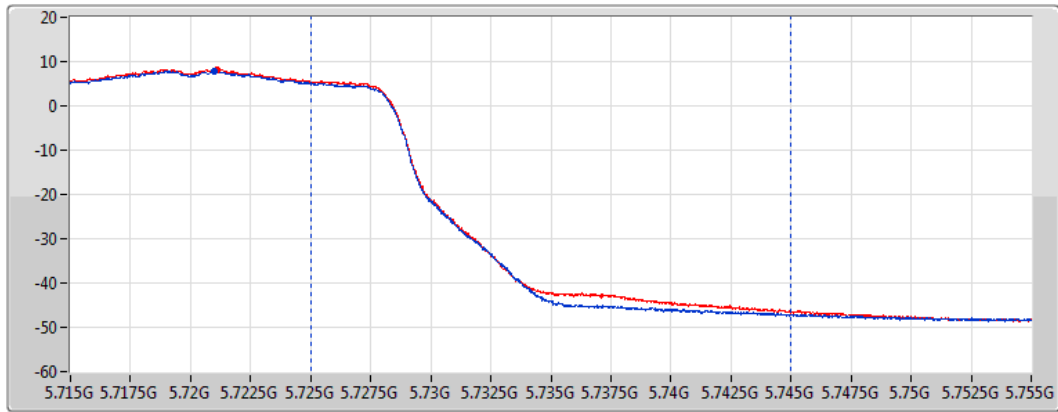
802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

10/05/2022

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port1
Port2

Sum= Total Power
PX=Port X

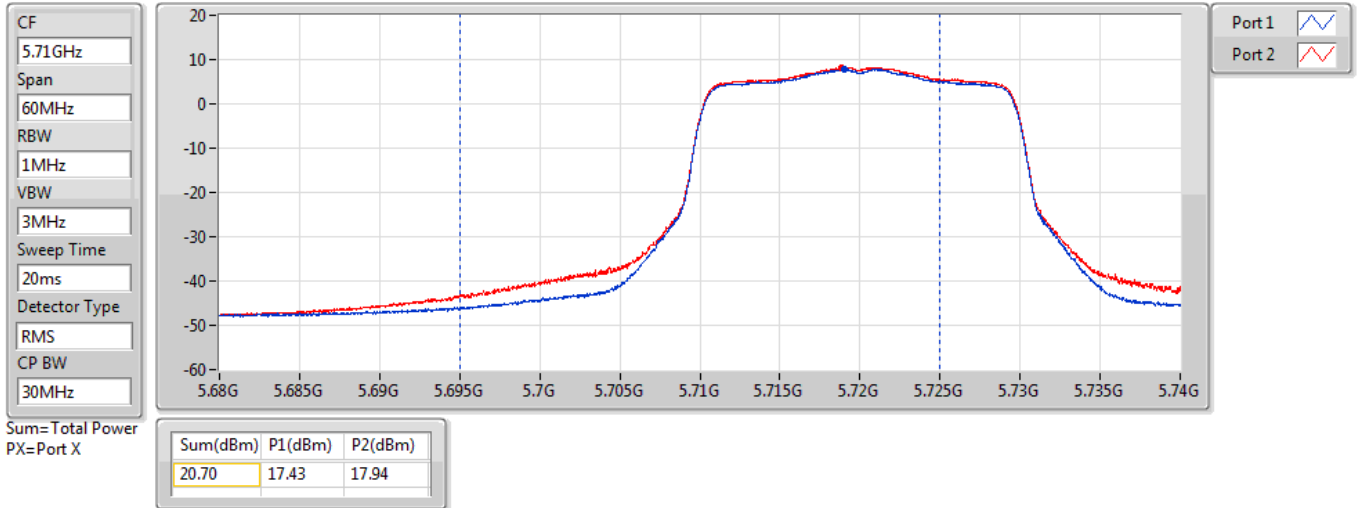
Sum(dBm)	P1(dBm)	P2(dBm)
12.62	9.34	9.86

802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

10/05/2022

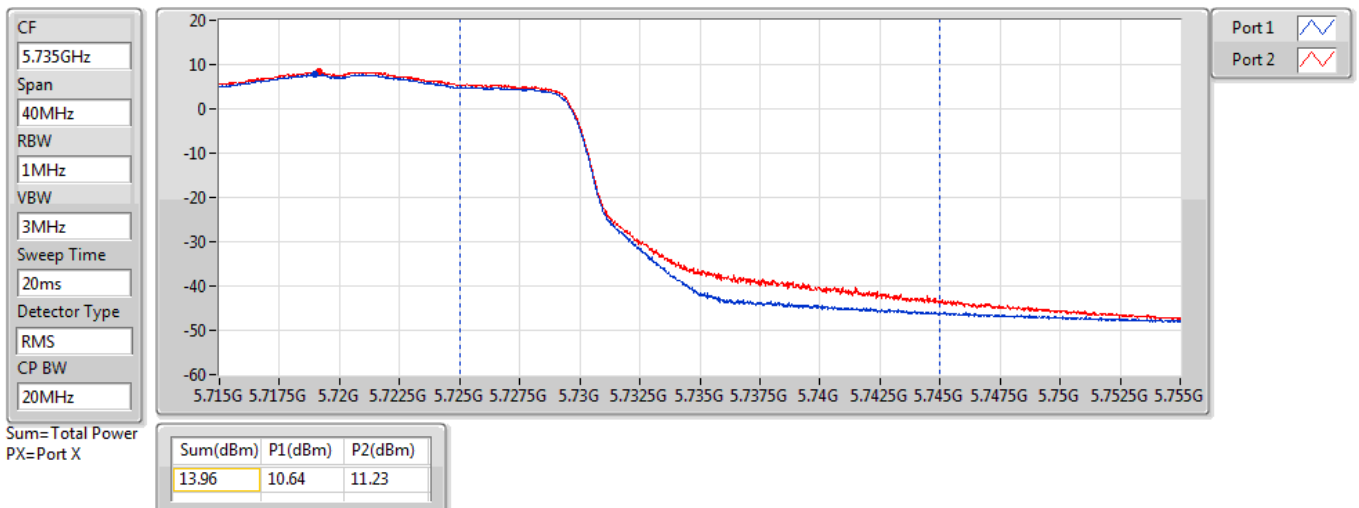


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

10/05/2022

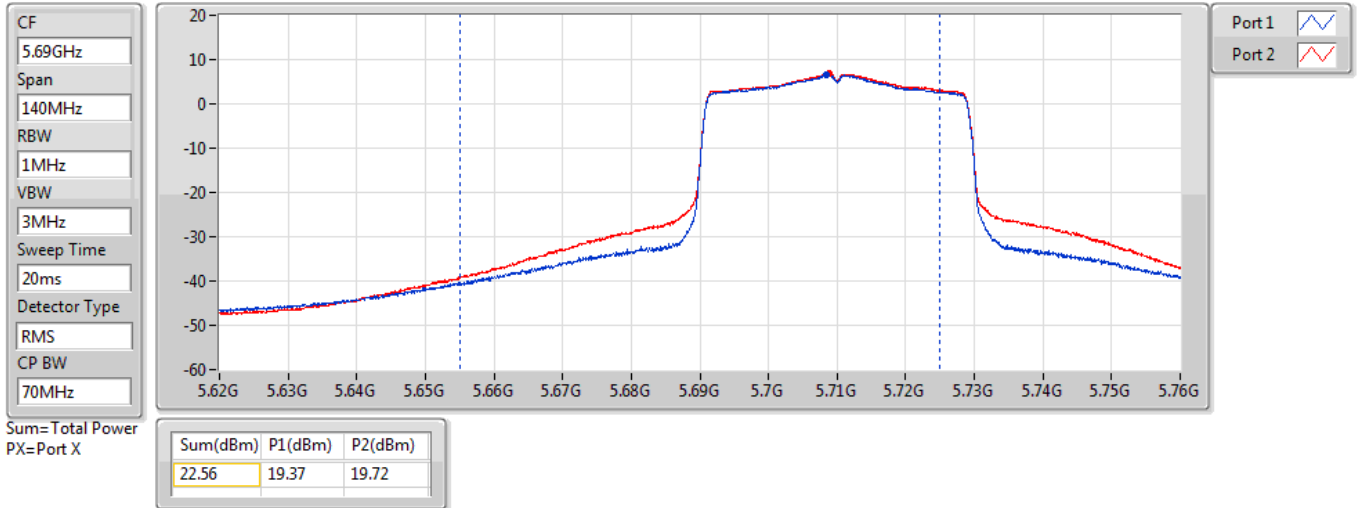


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

10/05/2022

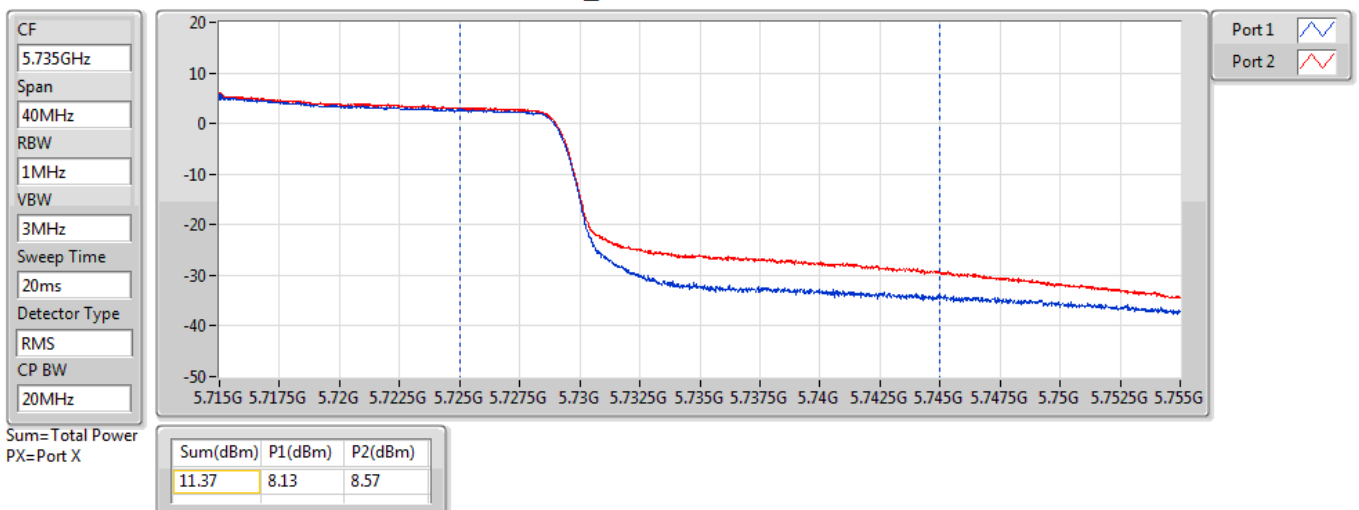


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

10/05/2022

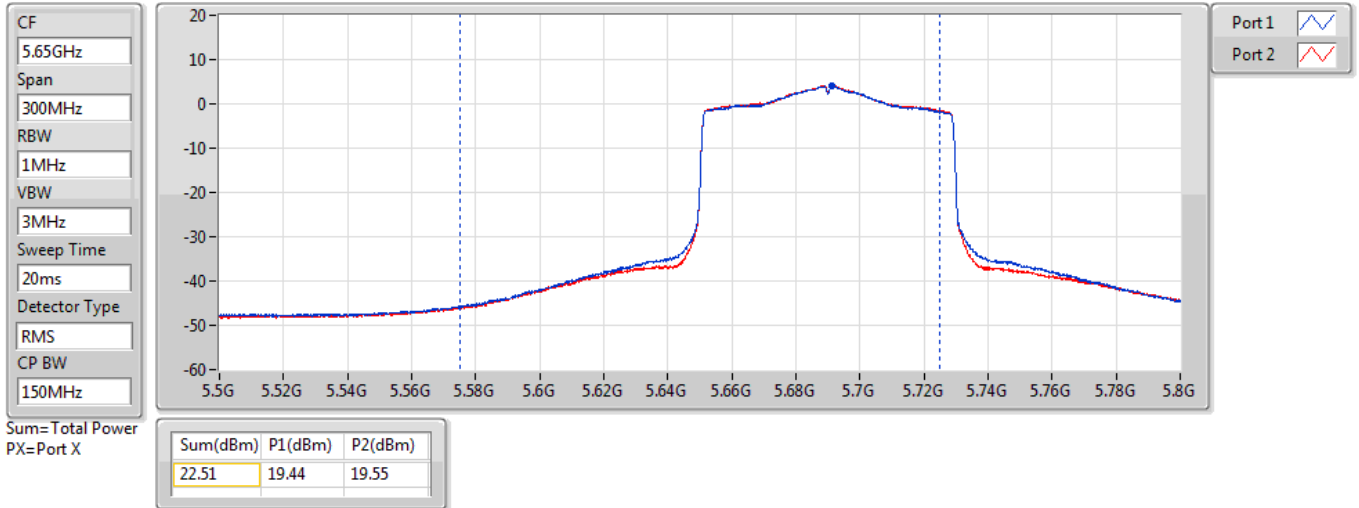


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

10/05/2022

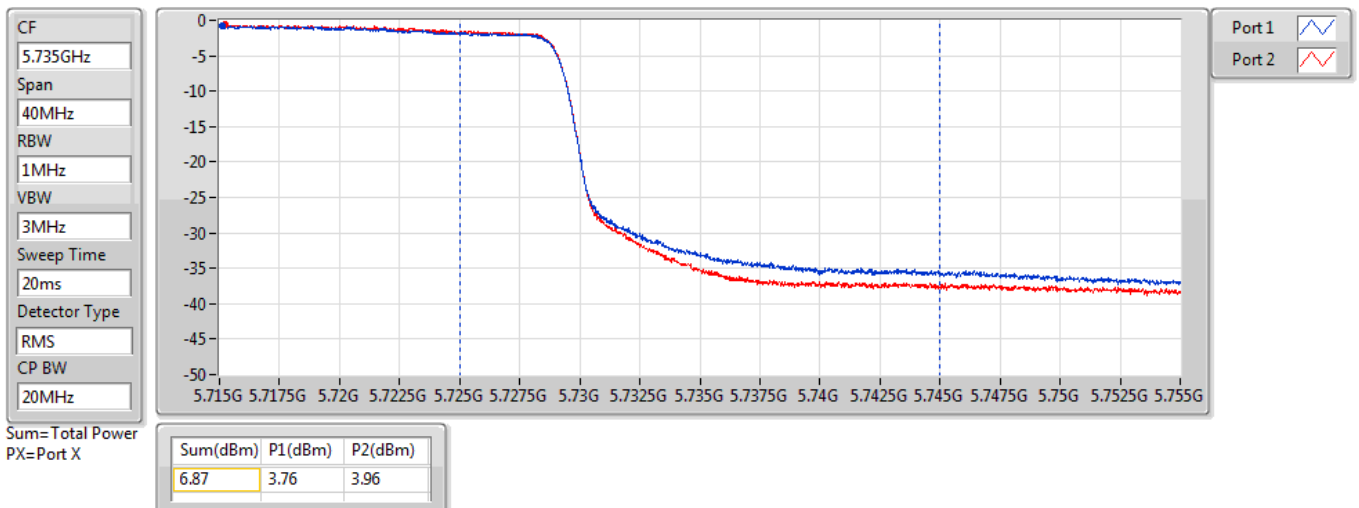


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

10/05/2022

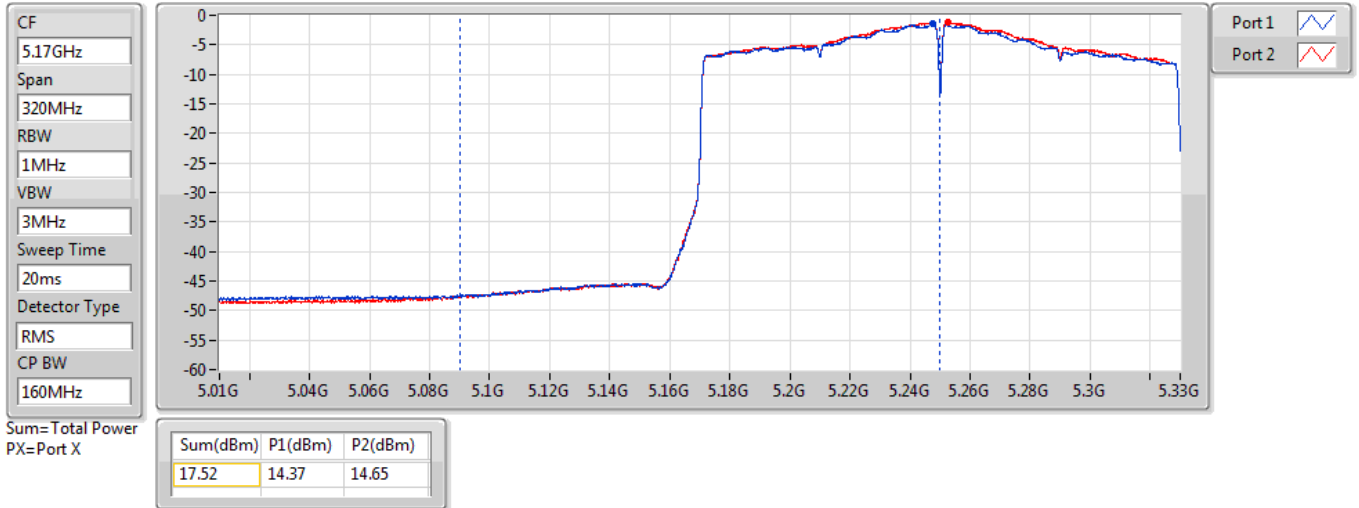


802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

10/05/2022

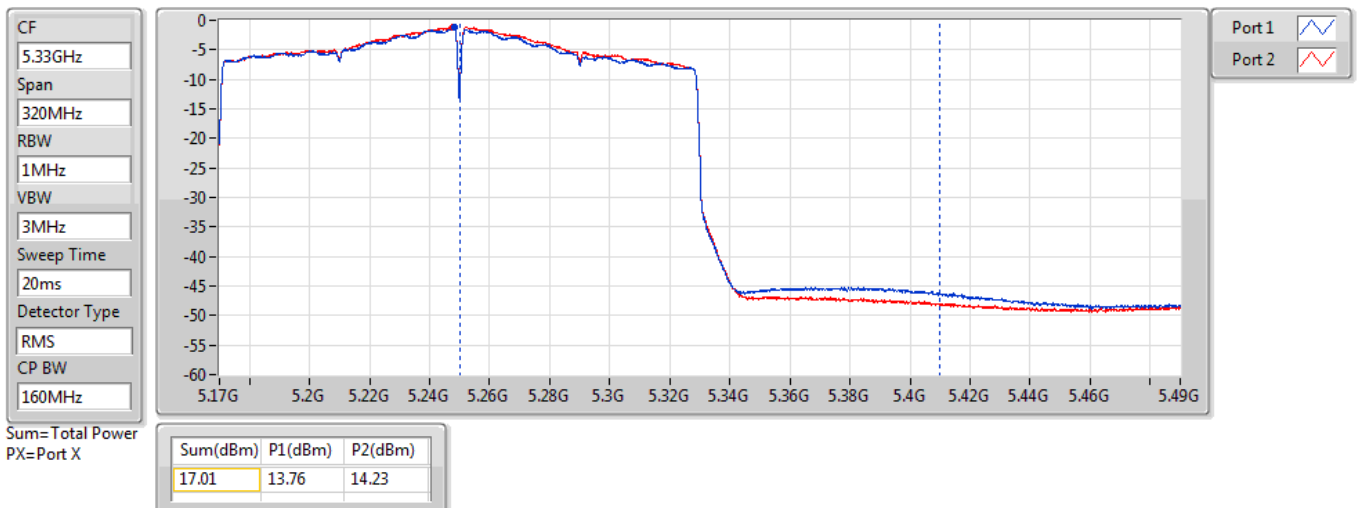


802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

10/05/2022



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.32	0.05395	24.38	0.27416
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.08	0.12823	28.14	0.65163
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.25	0.16788	29.31	0.85310
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.57	0.09057	26.63	0.46026
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	16.75	0.04732	23.81	0.24044
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.83	0.15241	28.89	0.77446
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.76	0.14997	28.82	0.76208
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.10	0.16218	29.16	0.82414
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.33	0.02153	20.39	0.10940
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.60	0.01148	17.66	0.05834
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.19	0.00416	13.25	0.02113

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.06	17.79	18.33	21.08	22.92	28.14	30.00
5300MHz	Pass	7.06	17.71	18.08	20.91	22.92	27.97	30.00
5320MHz	Pass	7.06	17.67	17.86	20.78	22.92	27.84	30.00
5500MHz	Pass	7.06	15.41	15.8	18.62	22.92	25.68	30.00
5580MHz	Pass	7.06	19.16	18.44	21.83	22.92	28.89	30.00
5700MHz	Pass	7.06	17.9	18.21	21.07	22.92	28.13	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.06	17.13	16.85	20.00	21.83	27.06	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	7.06	10.51	10.13	13.33	28.94	20.39	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.06	18.83	19.62	22.25	22.92	29.31	30.00
5310MHz	Pass	7.06	16.86	17.04	19.96	22.92	27.02	30.00
5510MHz	Pass	7.06	16.98	17.31	20.16	22.92	27.22	30.00
5550MHz	Pass	7.06	17.83	17.99	20.92	22.92	27.98	30.00
5670MHz	Pass	7.06	18.25	18.41	21.34	22.92	28.40	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.06	18.86	18.64	21.76	22.92	28.82	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.06	7.73	7.45	10.60	28.94	17.66	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.06	16.28	16.83	19.57	22.92	26.63	30.00
5530MHz	Pass	7.06	16.77	16.91	19.85	22.92	26.91	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.06	18.7	18.72	21.72	22.92	28.78	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.06	3.18	3.18	6.19	28.94	13.25	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.06	14.59	14.02	17.32	28.94	24.38	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	7.06	14.08	13.36	16.75	22.92	23.81	30.00

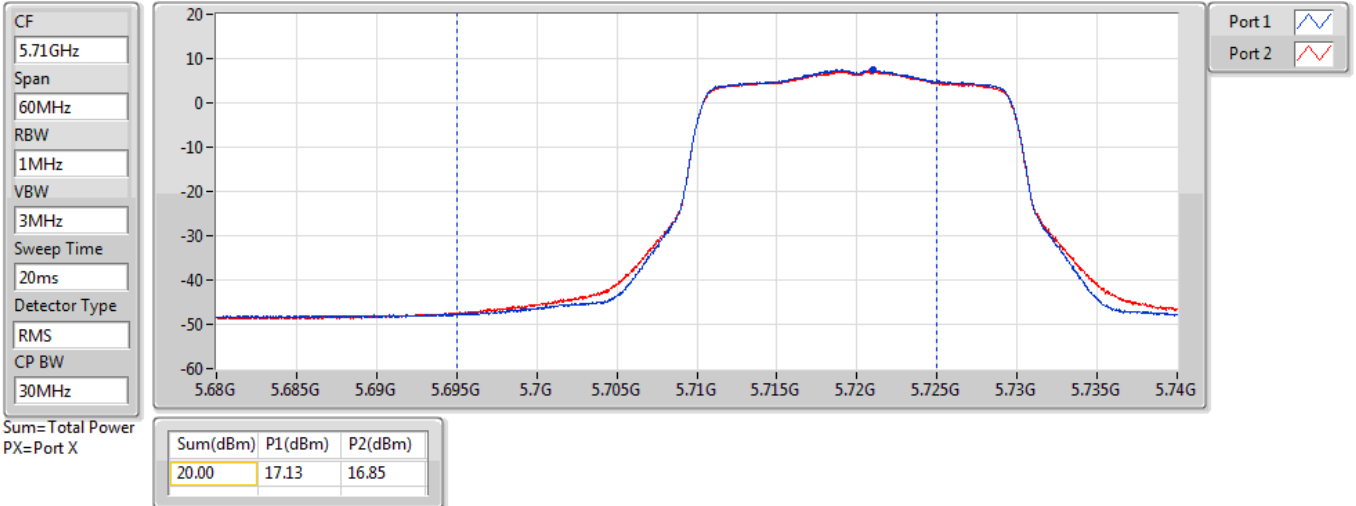
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

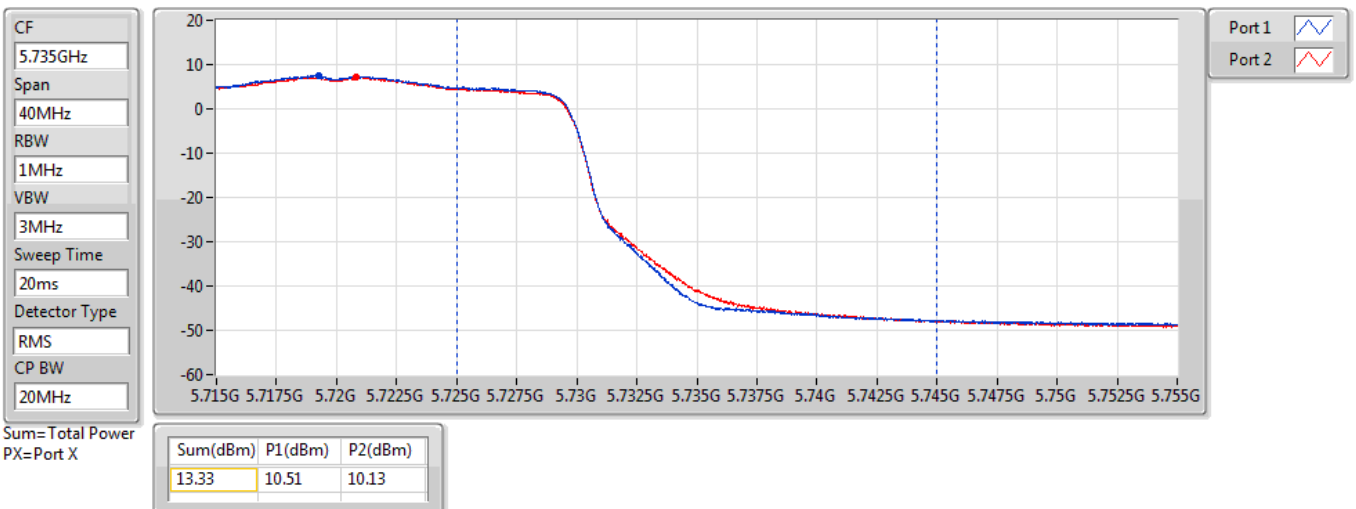


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022

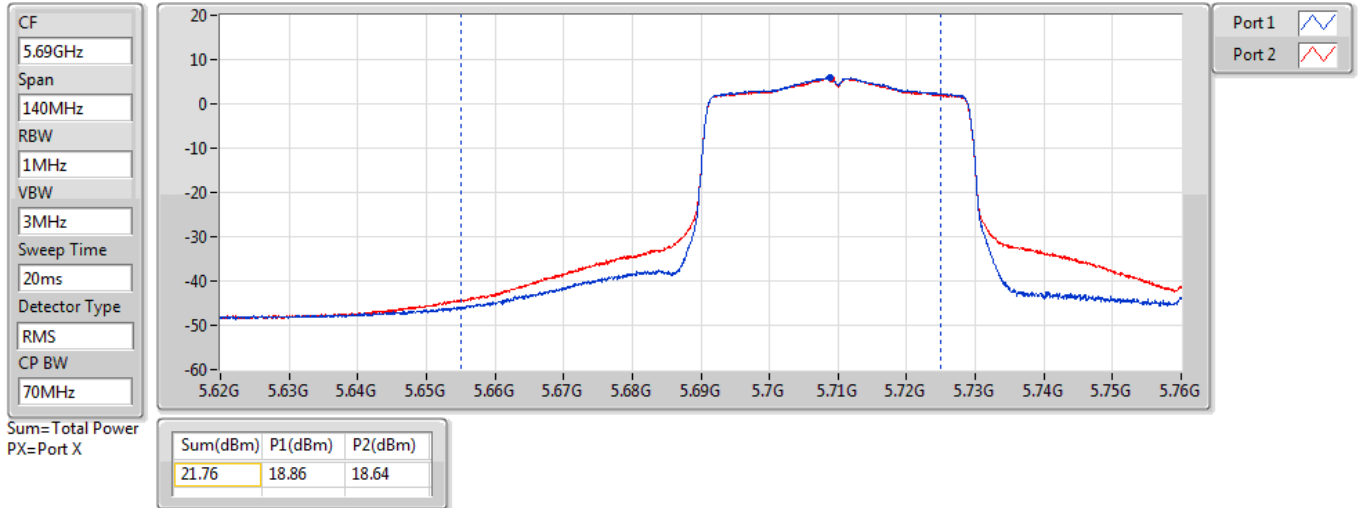


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

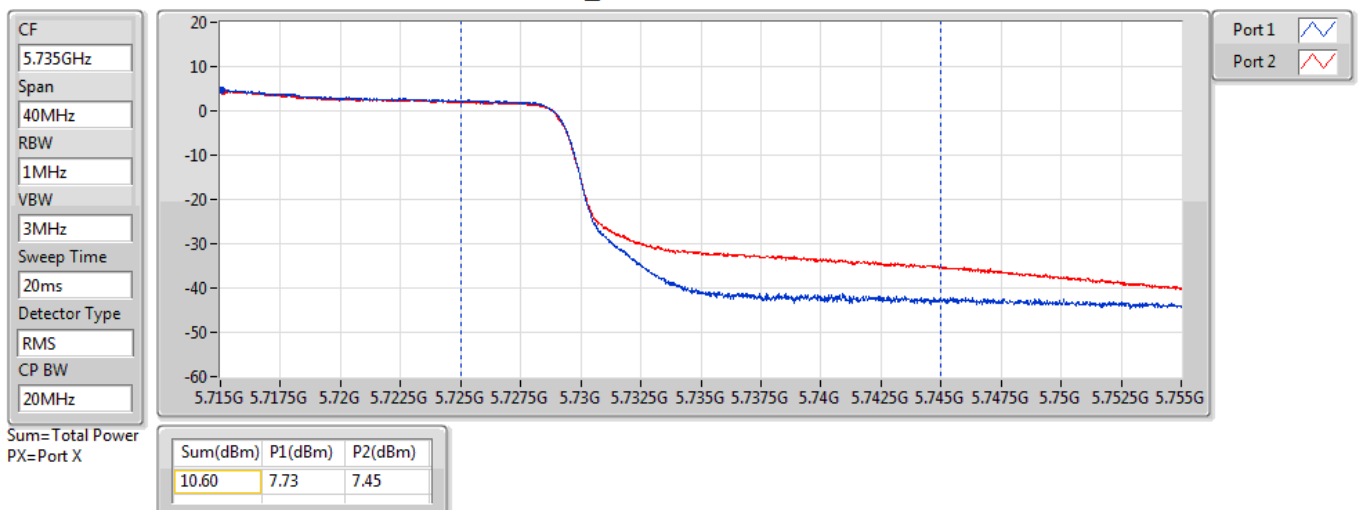


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022

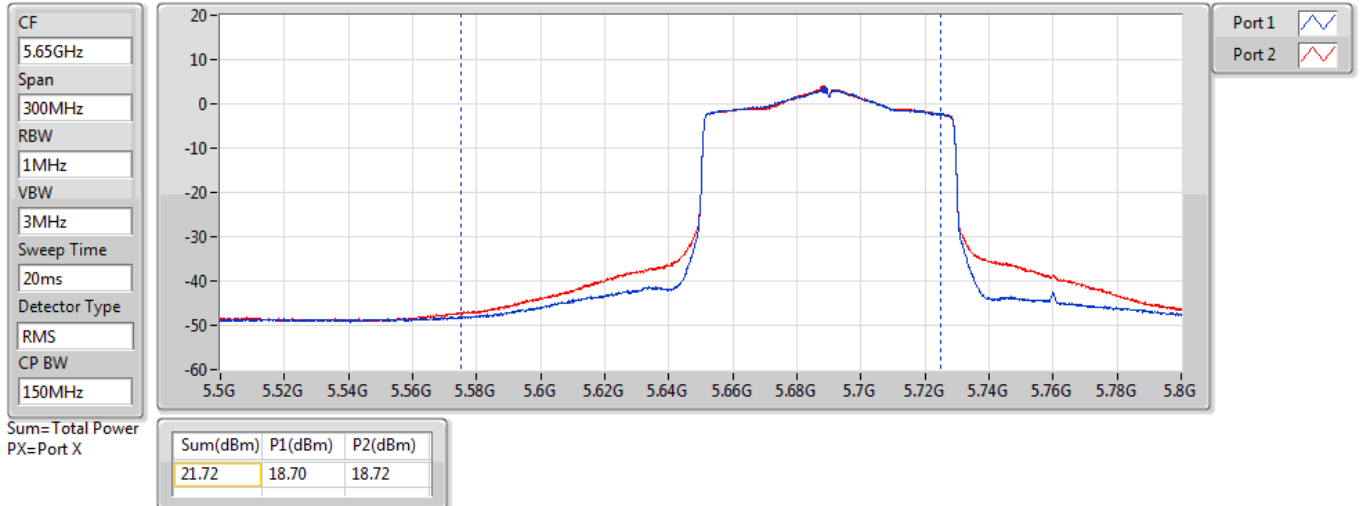


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

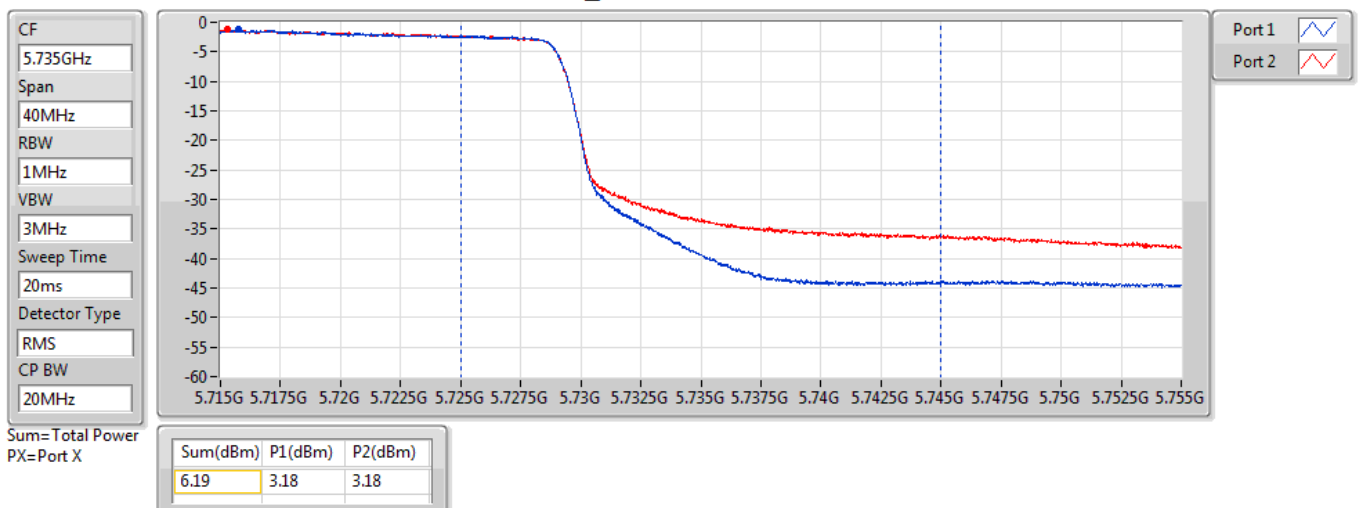


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022

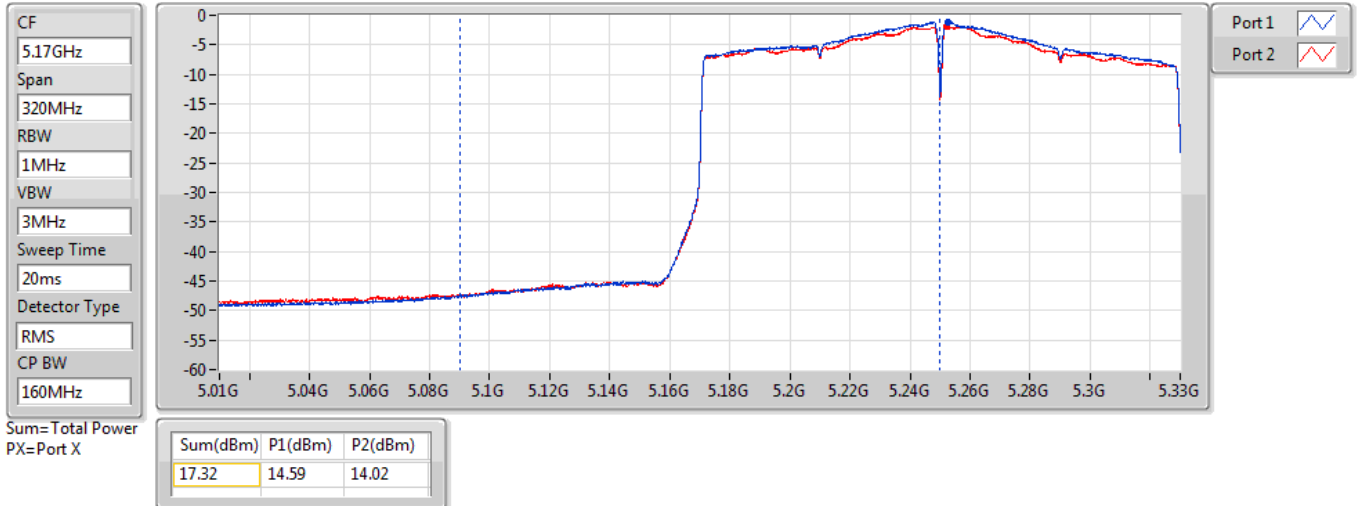


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

12/05/2022

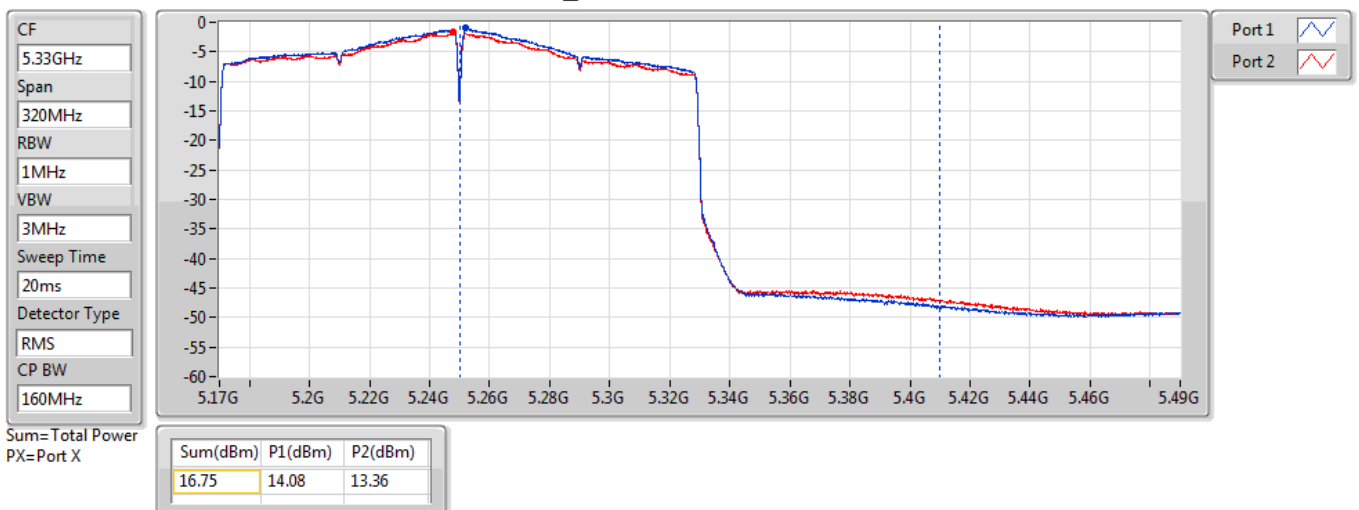


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

12/05/2022



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	0.38	7.44
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.82	16.88
802.11ax HEW20_Nss1,(MCS0)_2TX	9.72	16.78
802.11ax HEW40_Nss1,(MCS0)_2TX	9.09	16.15
802.11ax HEW80_Nss1,(MCS0)_2TX	3.00	10.06
802.11ax HEW160_Nss1,(MCS0)_2TX	0.15	7.21
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.89	16.95
802.11ax HEW20_Nss1,(MCS0)_2TX	9.74	16.80
802.11ax HEW40_Nss1,(MCS0)_2TX	8.24	15.30
802.11ax HEW80_Nss1,(MCS0)_2TX	5.48	12.54
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.41	12.47
802.11ax HEW20_Nss1,(MCS0)_2TX	5.26	12.32
802.11ax HEW40_Nss1,(MCS0)_2TX	2.88	9.94
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.78	5.28

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	-	-	-	-	-	-	-	-
5260MHz	Pass	7.06	6.69	7.00	9.82	9.94	16.88	17.00
5300MHz	Pass	7.06	6.57	6.75	9.53	9.94	16.59	17.00
5320MHz	Pass	7.06	6.61	6.60	9.49	9.94	16.55	17.00
5500MHz	Pass	7.06	5.67	5.99	8.79	9.94	15.85	17.00
5580MHz	Pass	7.06	7.06	6.97	9.89	9.94	16.95	17.00
5700MHz	Pass	7.06	6.63	6.82	9.71	9.94	16.77	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.06	6.53	6.83	9.57	9.94	16.63	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.06	2.30	2.56	5.41	28.94	12.47	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.06	6.48	6.99	9.72	9.94	16.78	17.00
5300MHz	Pass	7.06	6.23	6.70	9.48	9.94	16.54	17.00
5320MHz	Pass	7.06	6.21	6.45	9.27	9.94	16.33	17.00
5500MHz	Pass	7.06	3.66	4.21	6.91	9.94	13.97	17.00
5580MHz	Pass	7.06	6.76	6.78	9.74	9.94	16.80	17.00
5700MHz	Pass	7.06	6.45	6.68	9.58	9.94	16.64	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.06	6.41	6.93	9.69	9.94	16.75	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.06	1.99	2.54	5.26	28.94	12.32	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.06	5.85	6.29	9.09	9.94	16.15	17.00
5310MHz	Pass	7.06	2.82	3.07	5.86	9.94	12.92	17.00
5510MHz	Pass	7.06	2.57	3.02	5.70	9.94	12.76	17.00
5550MHz	Pass	7.06	3.63	3.78	6.72	9.94	13.78	17.00
5670MHz	Pass	7.06	4.24	4.29	7.24	9.94	14.30	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.06	5.09	5.48	8.24	9.94	15.30	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.06	-0.35	0.22	2.88	28.94	9.94	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.06	-0.20	0.36	3.00	9.94	10.06	17.00
5530MHz	Pass	7.06	-0.12	0.19	2.99	9.94	10.05	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.06	2.51	2.54	5.48	9.94	12.54	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.06	-4.86	-4.62	-1.78	28.94	5.28	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.06	-2.77	-2.47	0.38	15.94	7.44	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	7.06	-2.98	-2.66	0.15	9.94	7.21	17.00

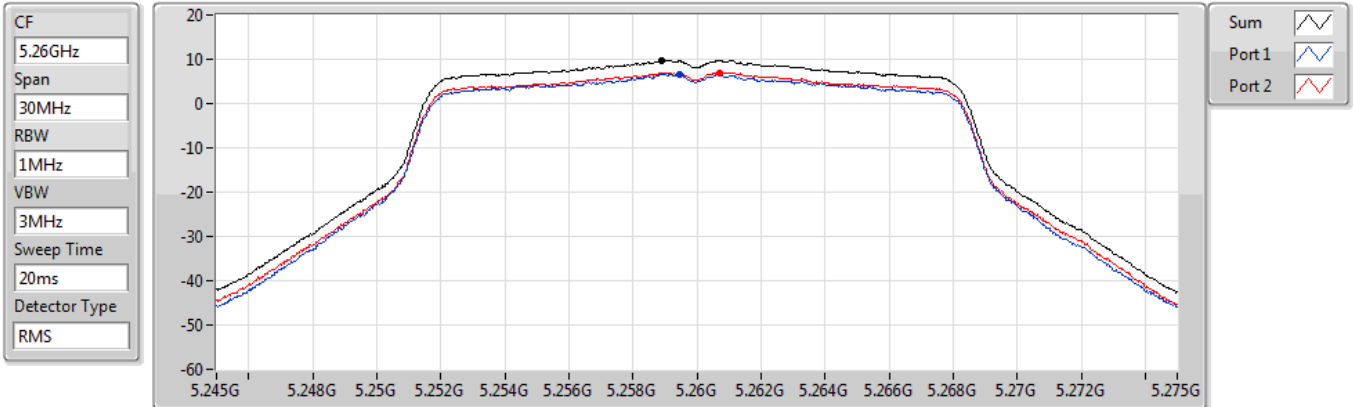
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

10/05/2022

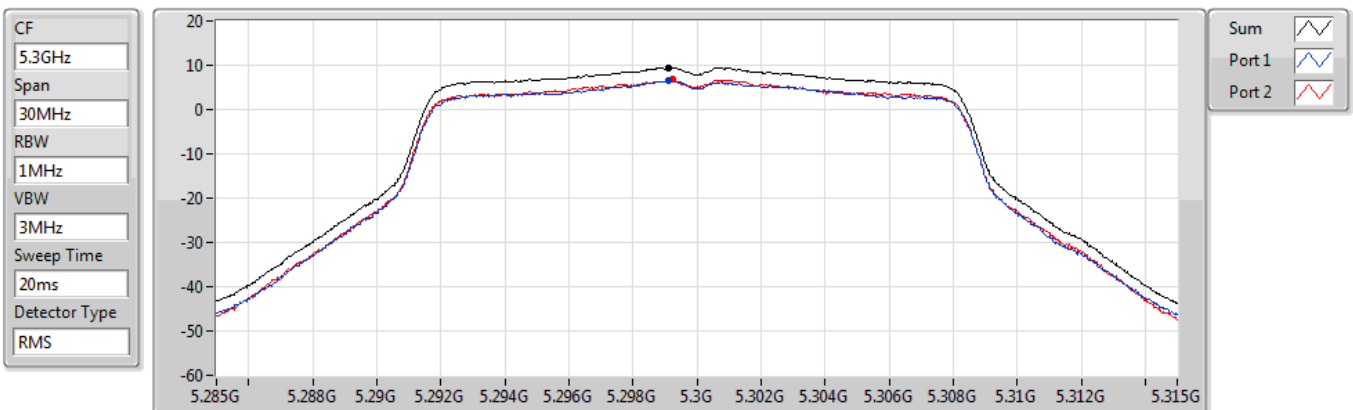


802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

10/05/2022



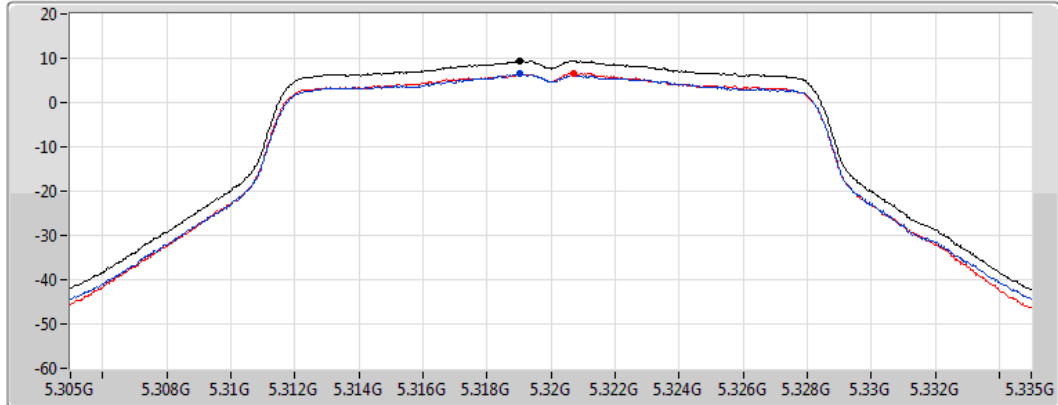
802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

10/05/2022

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	6.61	6.60

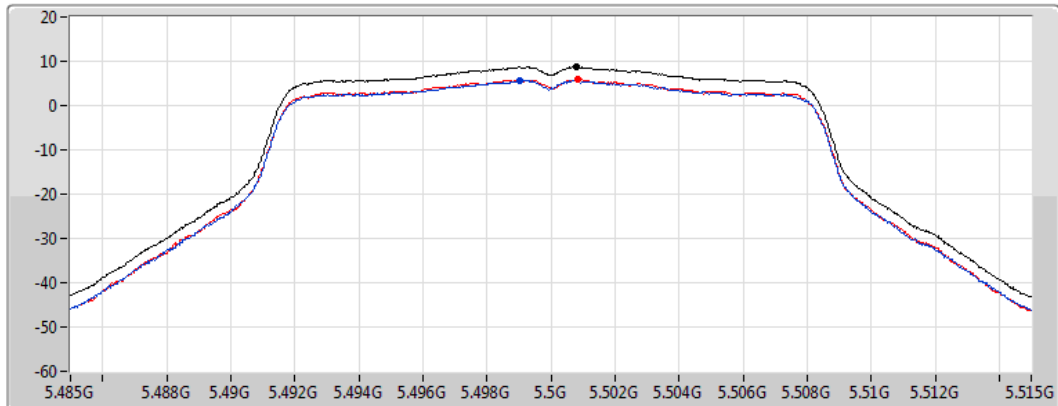
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

10/05/2022

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

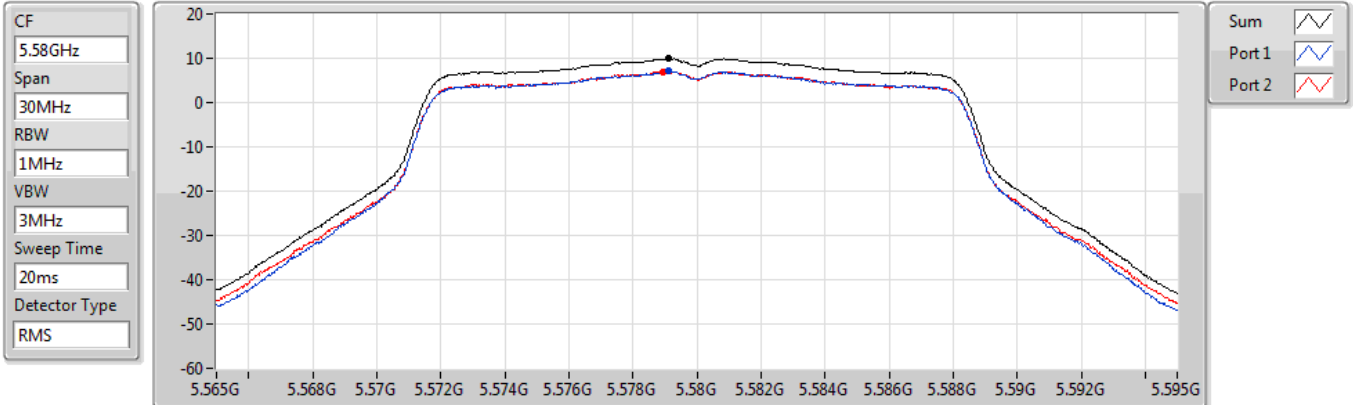
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	5.67	5.99

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

10/05/2022

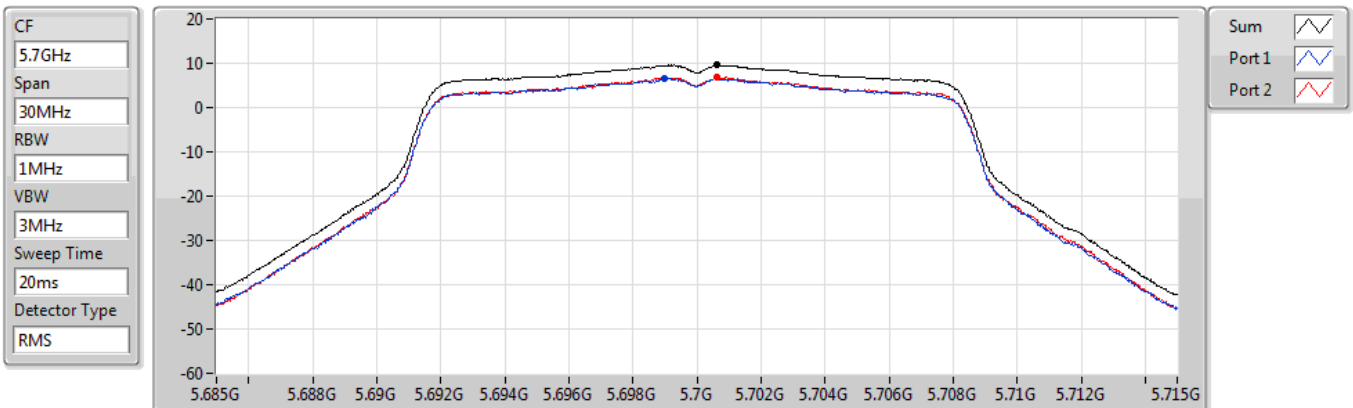


802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

10/05/2022

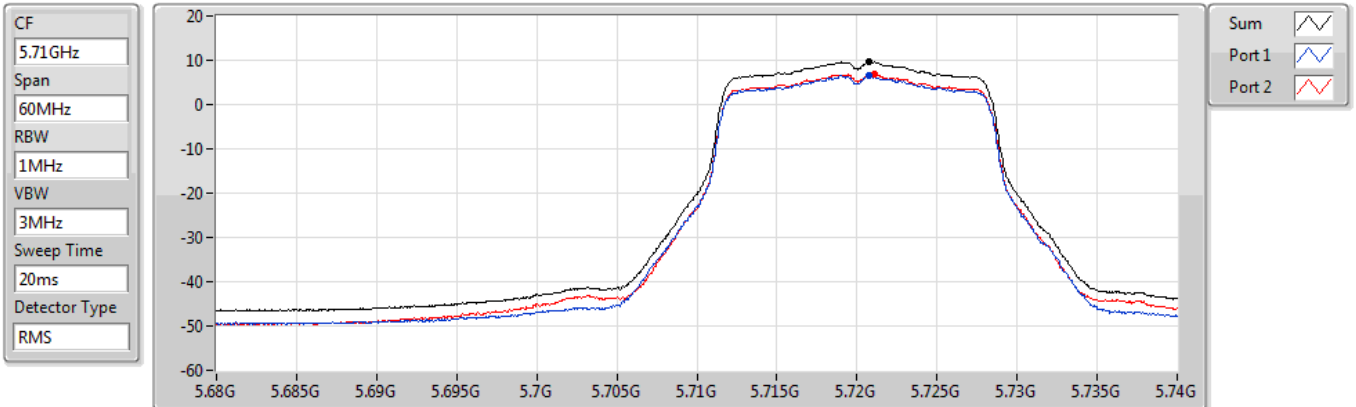


802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

10/05/2022

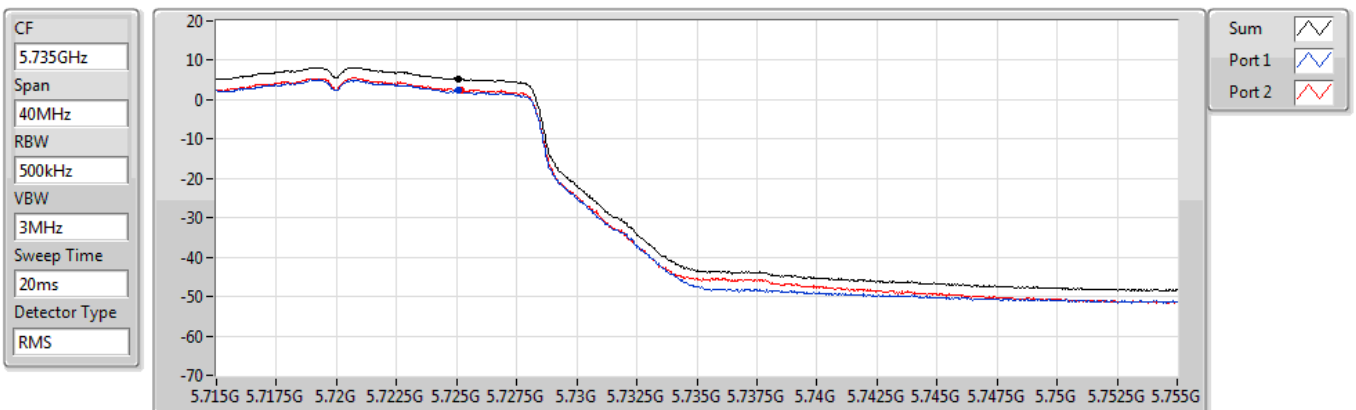


802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

10/05/2022

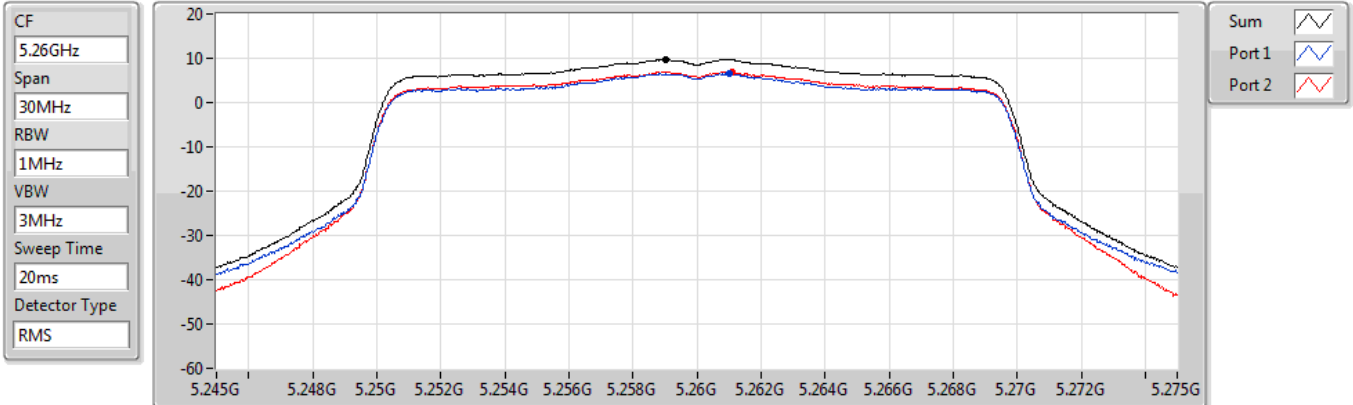


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

10/05/2022

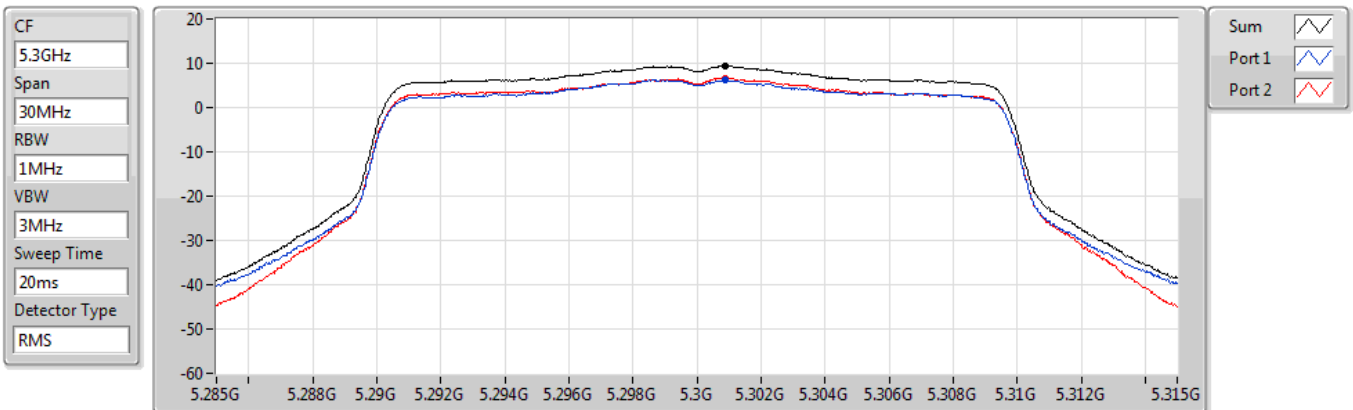


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

10/05/2022

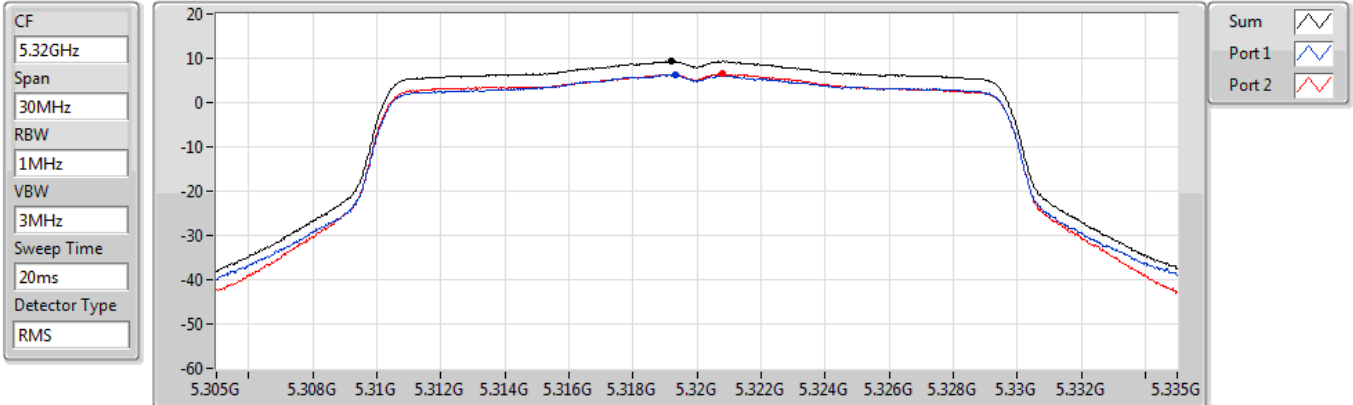


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

10/05/2022

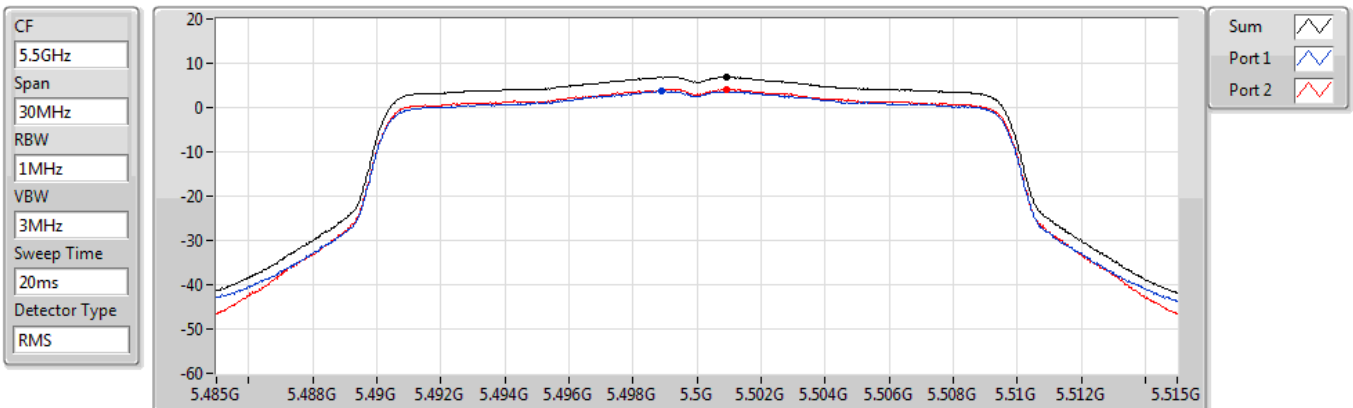


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

10/05/2022

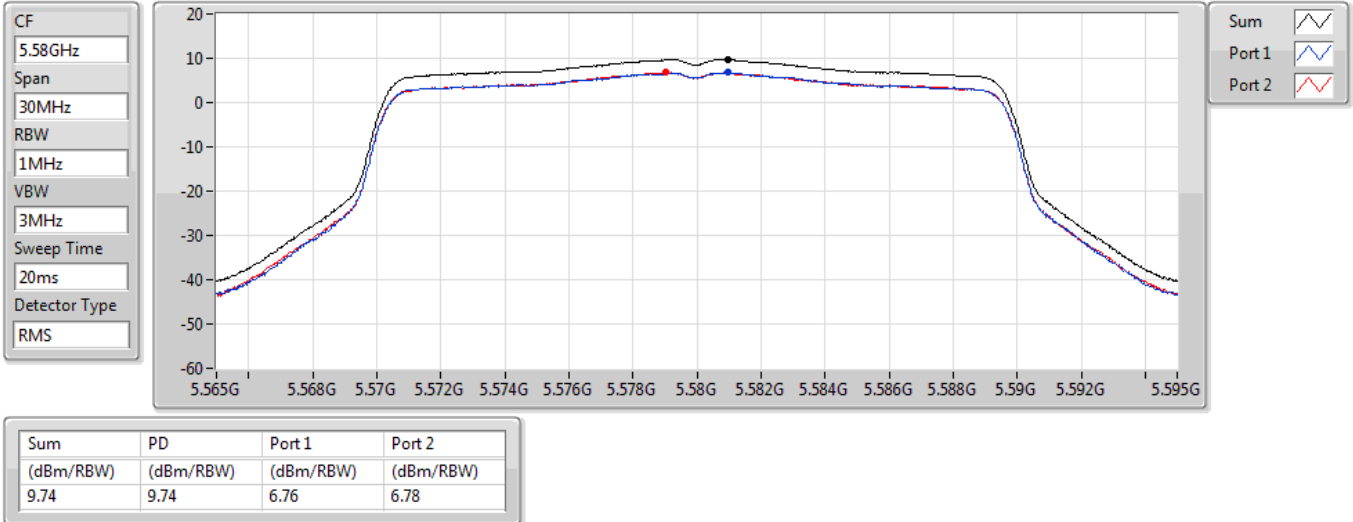


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

10/05/2022

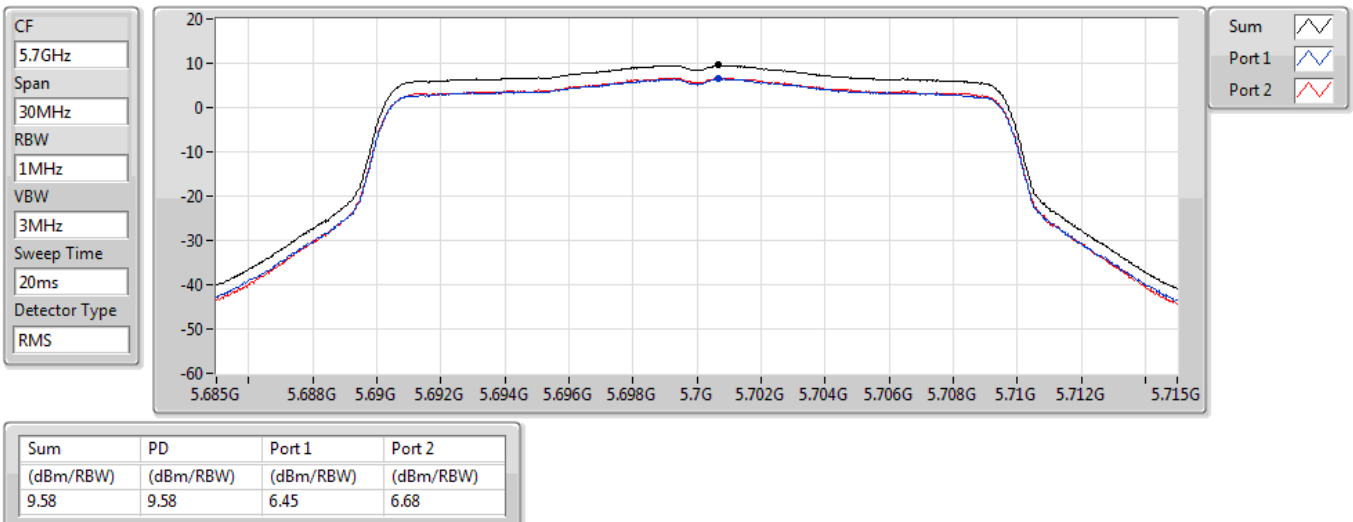


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

10/05/2022

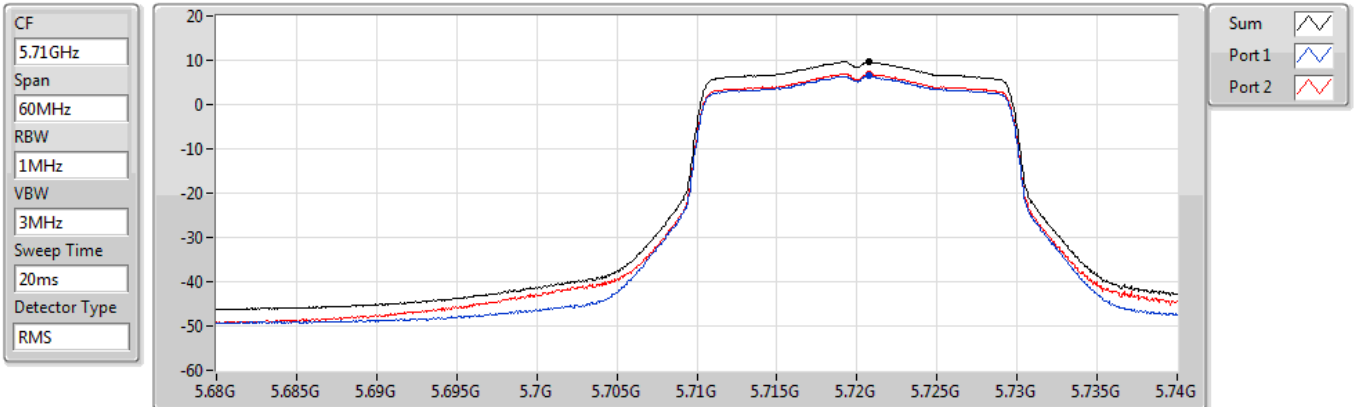


802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

10/05/2022

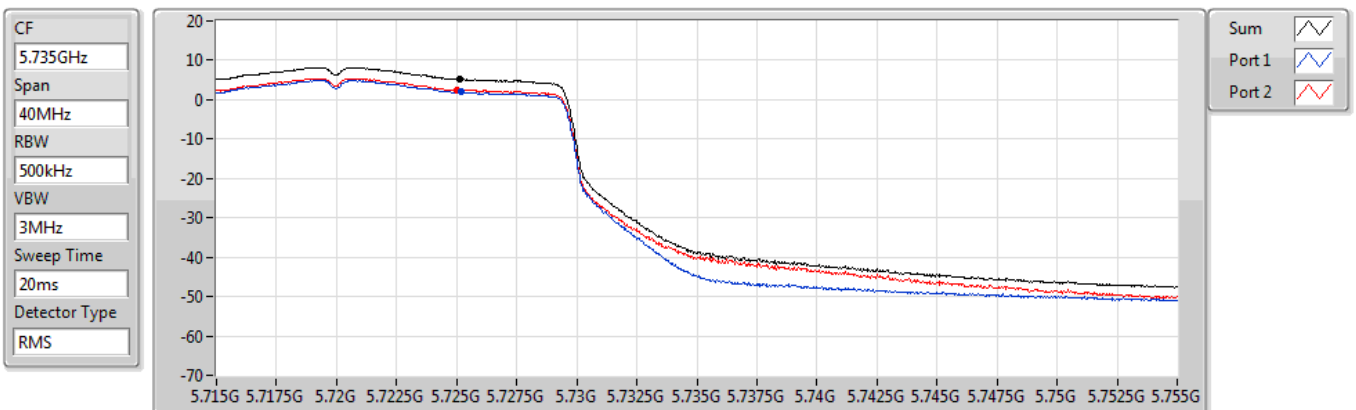


802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

10/05/2022

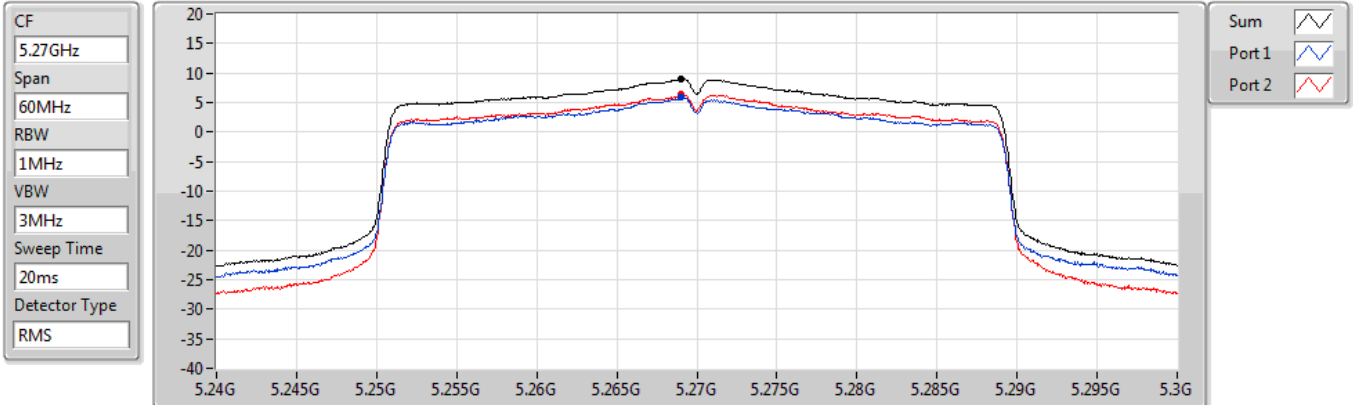


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

10/05/2022



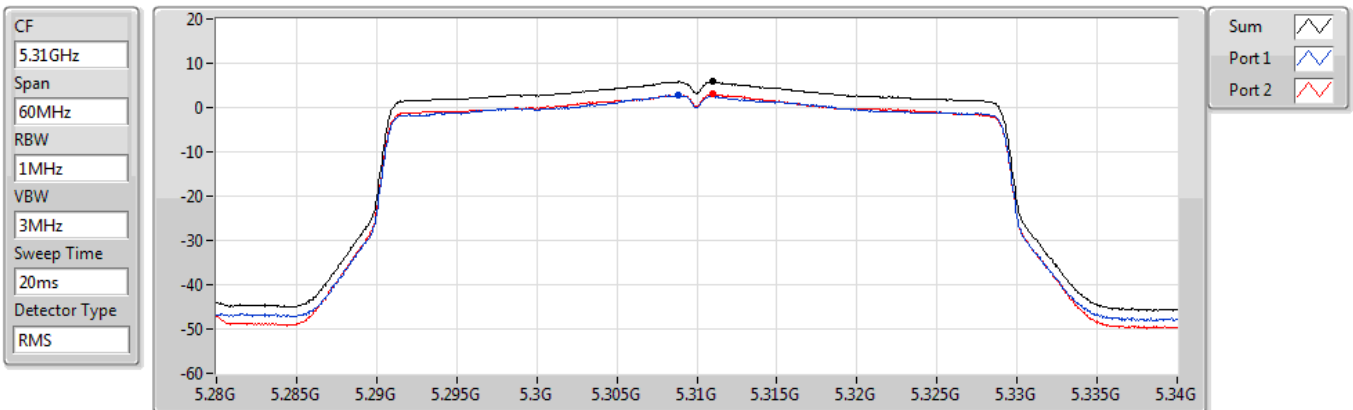
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.09	9.09	5.85	6.29

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

10/05/2022



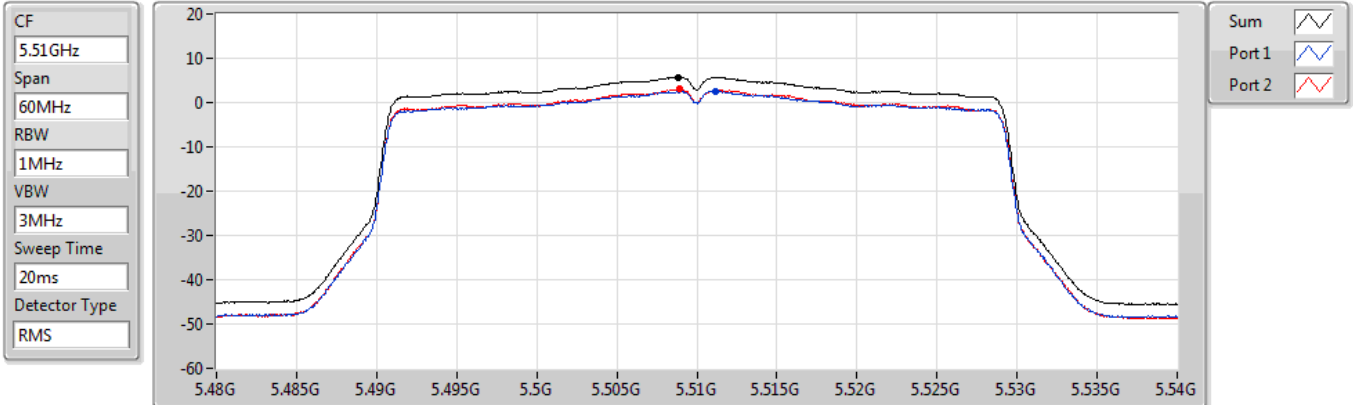
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	2.82	3.07

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

10/05/2022

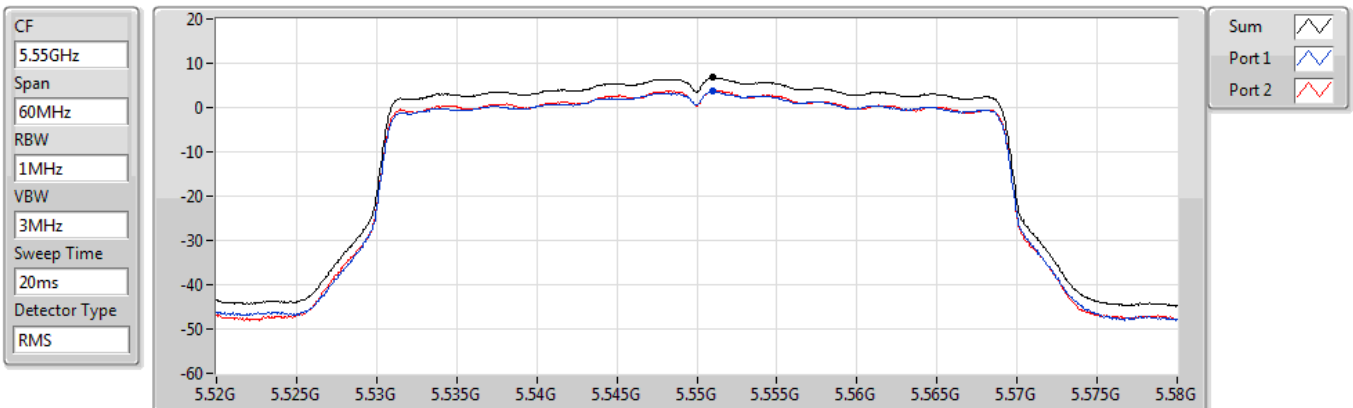


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

10/05/2022

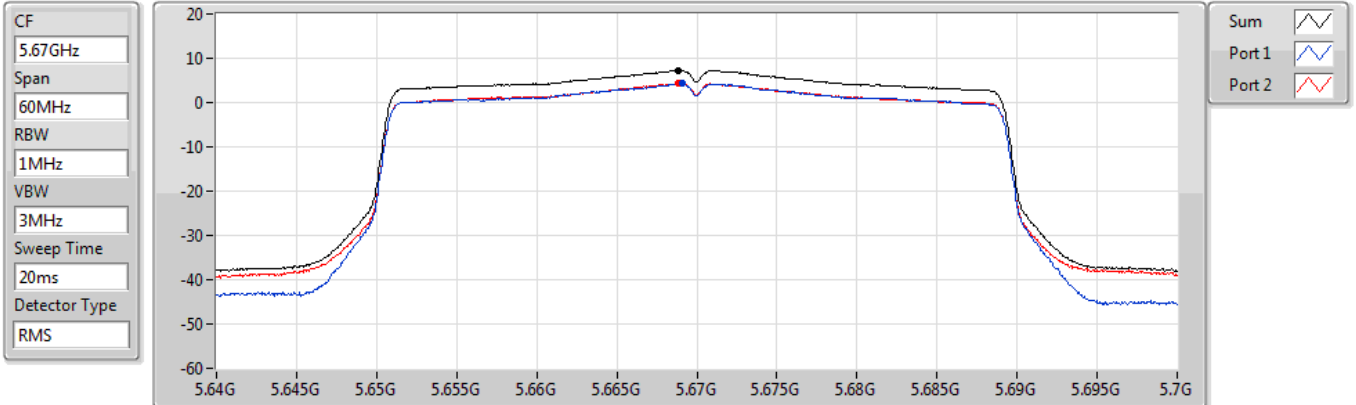


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

10/05/2022

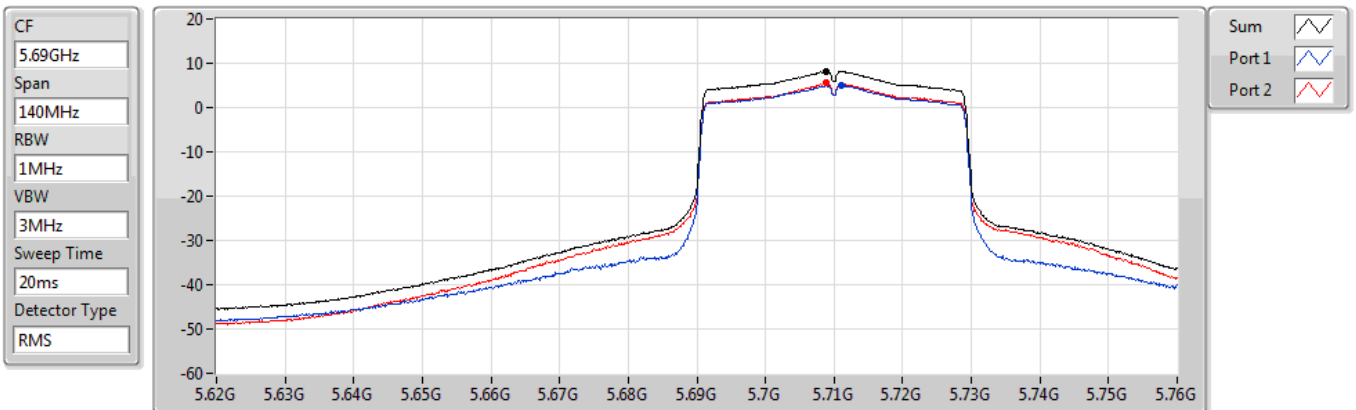


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

10/05/2022

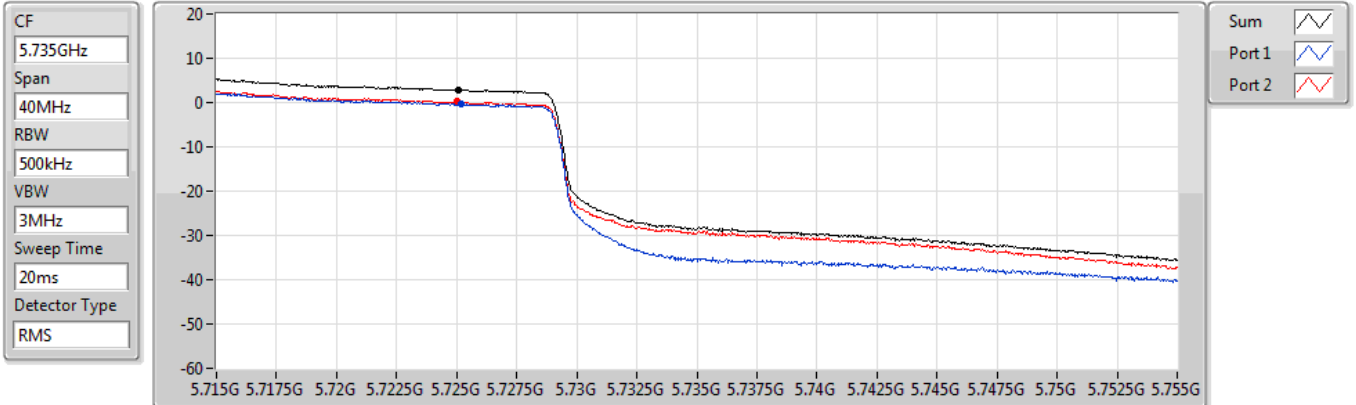


802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

10/05/2022

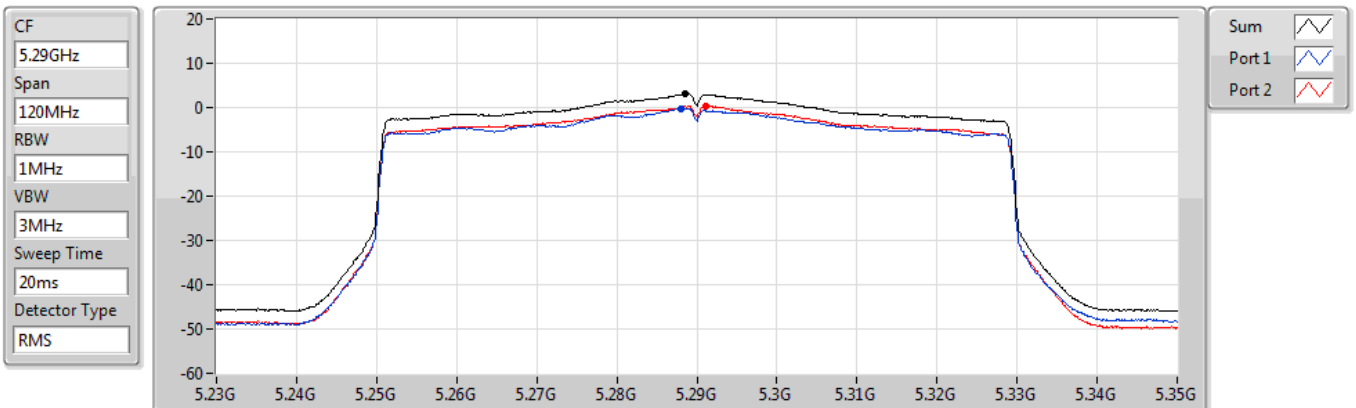


802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz

PSD

10/05/2022

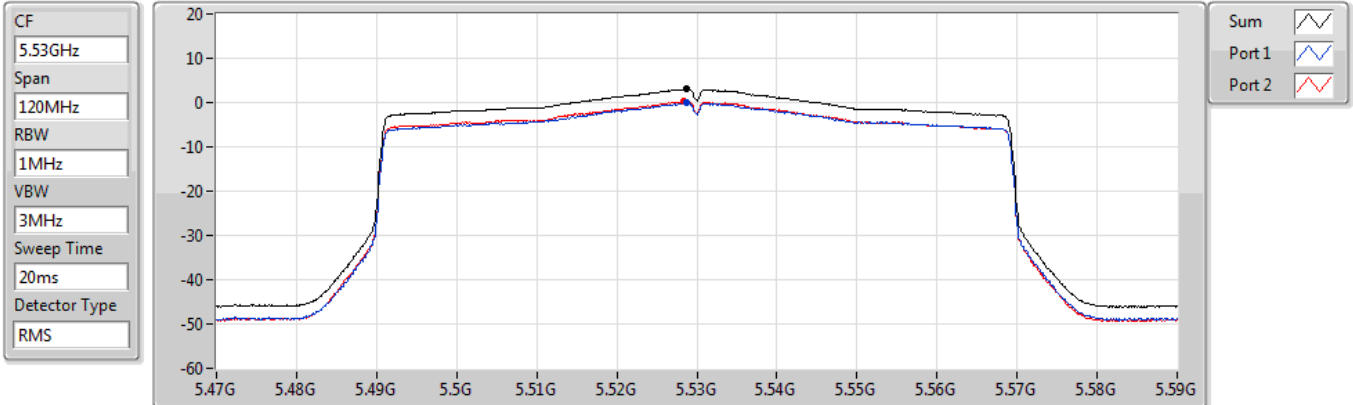


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

10/05/2022

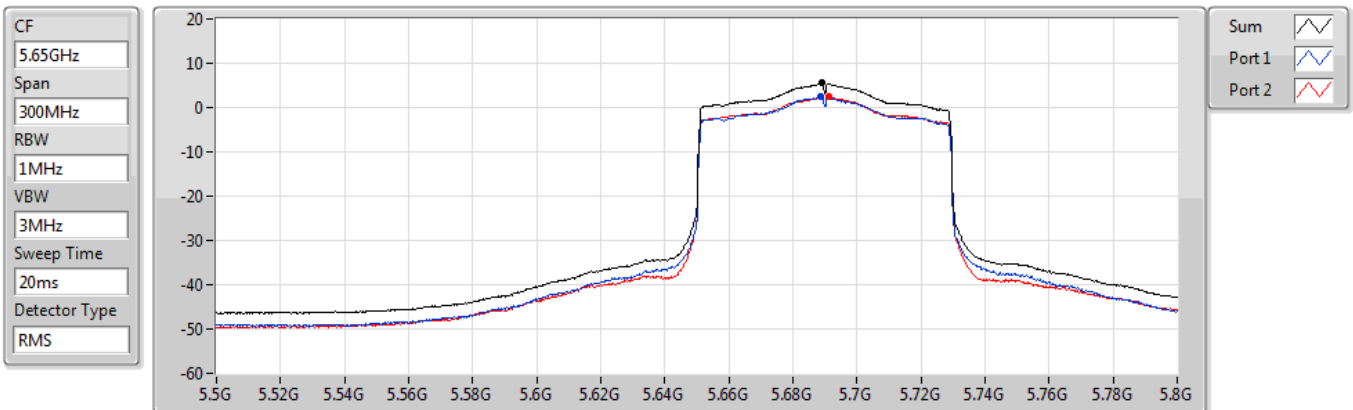


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

10/05/2022

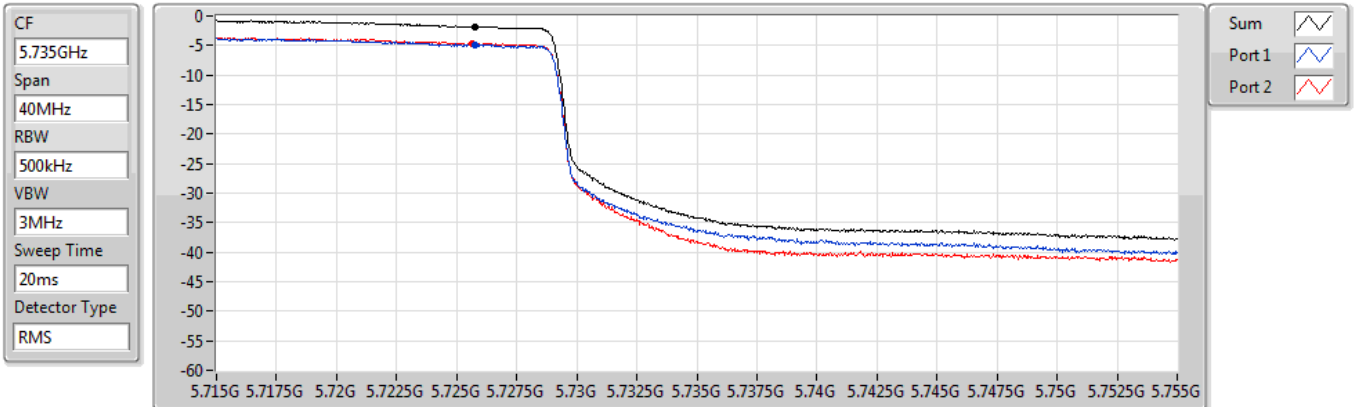


802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.725-5.85GHz

PSD

10/05/2022

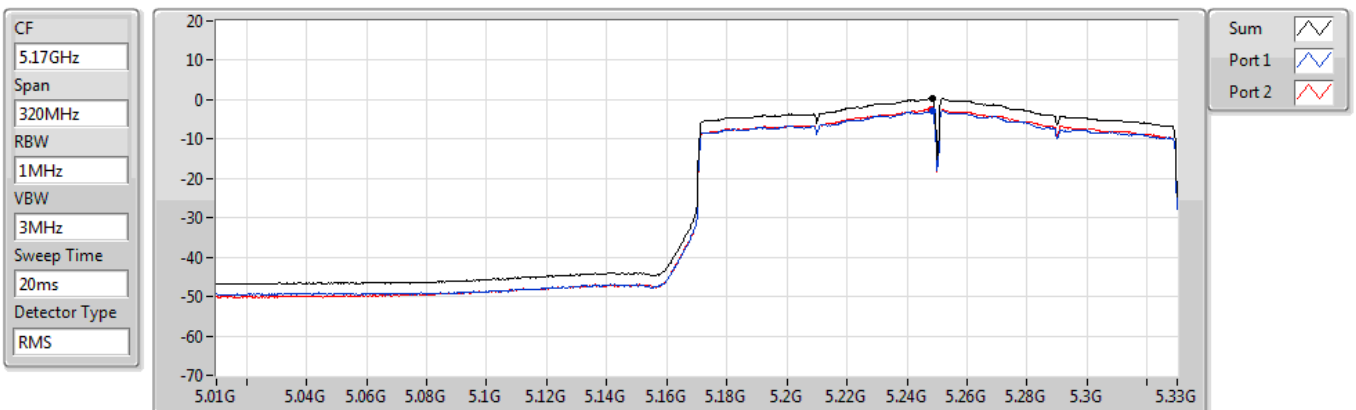


802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz

PSD

10/05/2022

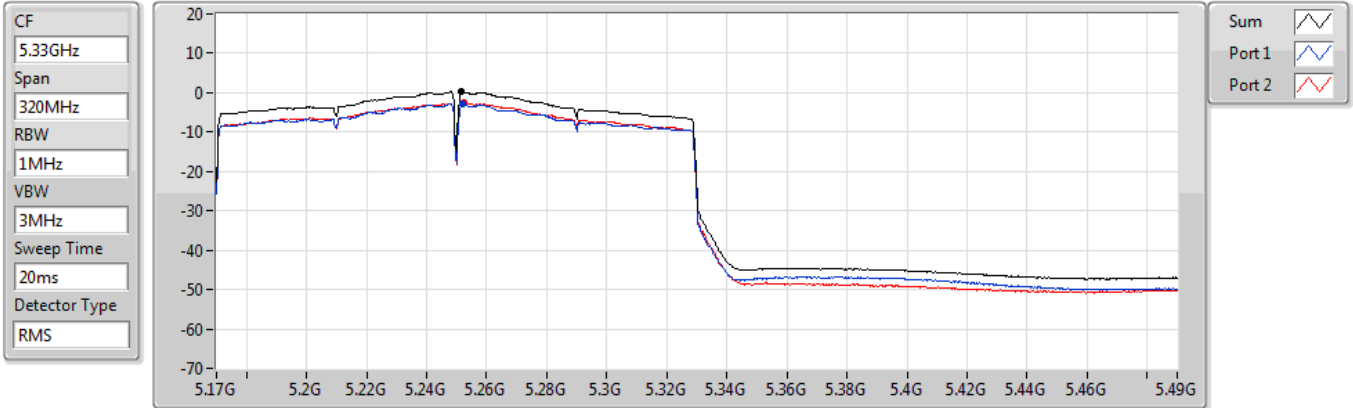


802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz

PSD

10/05/2022



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.15	0.15	-2.98	-2.66

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.353G	53.71	54.00	-0.29	3	Horizontal	306	1.09	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	15.7794G	53.88	54.00	-0.12	3	Vertical	0	1.63	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.3504G	53.42	54.00	-0.58	3	Horizontal	304	1.03	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.36	54.00	-0.64	3	Horizontal	302	1.00	-
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	5.137G	53.34	54.00	-0.66	3	Horizontal	345	2.32	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	16.50504G	67.99	68.20	-0.21	3	Vertical	22	1.72	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	16.50012G	67.78	68.20	-0.42	3	Vertical	21	1.73	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.4672G	67.97	68.20	-0.23	3	Horizontal	302	1.15	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.459G	51.83	54.00	-2.17	3	Horizontal	308	1.09	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1364G	47.41	54.00	-6.59	3	Vertical	8	2.87	-
5260MHz	Pass	AV	5.2594G	107.30	Inf	-Inf	3	Vertical	8	2.87	-
5260MHz	Pass	AV	5.3602G	46.64	54.00	-7.36	3	Vertical	8	2.87	-
5260MHz	Pass	PK	5.1484G	57.70	74.00	-16.30	3	Vertical	8	2.87	-
5260MHz	Pass	PK	5.2588G	113.96	Inf	-Inf	3	Vertical	8	2.87	-
5260MHz	Pass	PK	5.401G	57.78	74.00	-16.22	3	Vertical	8	2.87	-
5260MHz	Pass	AV	5.1352G	47.59	54.00	-6.41	3	Horizontal	305	1.02	-
5260MHz	Pass	AV	5.2588G	111.56	Inf	-Inf	3	Horizontal	305	1.02	-
5260MHz	Pass	AV	5.3584G	47.91	54.00	-6.09	3	Horizontal	305	1.02	-
5260MHz	Pass	PK	5.122G	59.14	74.00	-14.86	3	Horizontal	305	1.02	-
5260MHz	Pass	PK	5.2582G	119.41	Inf	-Inf	3	Horizontal	305	1.02	-
5260MHz	Pass	PK	5.3578G	57.64	74.00	-16.36	3	Horizontal	305	1.02	-
5260MHz	Pass	AV	15.78018G	53.29	54.00	-0.71	3	Vertical	0	2.20	-
5260MHz	Pass	PK	10.51839G	55.23	68.20	-12.97	3	Vertical	328	1.37	-
5260MHz	Pass	PK	15.7749G	65.93	74.00	-8.07	3	Vertical	0	2.20	-
5260MHz	Pass	AV	15.77964G	51.41	54.00	-2.59	3	Horizontal	335	1.64	-
5260MHz	Pass	PK	10.52008G	54.56	68.20	-13.64	3	Horizontal	338	1.50	-
5260MHz	Pass	PK	15.77964G	64.88	74.00	-9.12	3	Horizontal	335	1.64	-
5300MHz	Pass	AV	5.3008G	106.29	Inf	-Inf	3	Vertical	5.8	2.96	-
5300MHz	Pass	AV	5.3948G	46.90	54.00	-7.10	3	Vertical	5.8	2.96	-
5300MHz	Pass	PK	5.3008G	113.49	Inf	-Inf	3	Vertical	5.8	2.96	-
5300MHz	Pass	PK	5.3832G	58.24	74.00	-15.76	3	Vertical	5.8	2.96	-
5300MHz	Pass	AV	5.2992G	111.44	Inf	-Inf	3	Horizontal	293	1.12	-
5300MHz	Pass	AV	5.3936G	47.86	54.00	-6.14	3	Horizontal	293	1.12	-
5300MHz	Pass	PK	5.2992G	119.05	Inf	-Inf	3	Horizontal	293	1.12	-
5300MHz	Pass	PK	5.3984G	57.93	74.00	-16.07	3	Horizontal	293	1.12	-
5300MHz	Pass	AV	15.89965G	53.22	54.00	-0.78	3	Vertical	16	1.01	-
5300MHz	Pass	PK	10.5947G	54.57	68.20	-13.63	3	Vertical	10	1.75	-
5300MHz	Pass	PK	15.89965G	66.46	74.00	-7.54	3	Vertical	16	1.01	-
5300MHz	Pass	AV	15.8995G	49.46	54.00	-4.54	3	Horizontal	24	1.87	-
5300MHz	Pass	PK	10.59255G	54.37	68.20	-13.83	3	Horizontal	155	2.33	-
5300MHz	Pass	PK	15.9003G	61.98	74.00	-12.02	3	Horizontal	24	1.87	-
5320MHz	Pass	AV	5.3206G	107.60	Inf	-Inf	3	Vertical	2	2.85	-
5320MHz	Pass	AV	5.3508G	51.87	54.00	-2.13	3	Vertical	2	2.85	-
5320MHz	Pass	PK	5.3208G	115.06	Inf	-Inf	3	Vertical	2	2.85	-
5320MHz	Pass	PK	5.3502G	63.82	74.00	-10.18	3	Vertical	2	2.85	-
5320MHz	Pass	AV	5.319G	110.98	Inf	-Inf	3	Horizontal	306	1.09	-
5320MHz	Pass	AV	5.353G	53.71	54.00	-0.29	3	Horizontal	306	1.09	-
5320MHz	Pass	PK	5.3232G	119.22	Inf	-Inf	3	Horizontal	306	1.09	-
5320MHz	Pass	PK	5.3538G	64.22	74.00	-9.78	3	Horizontal	306	1.09	-
5320MHz	Pass	AV	10.6403G	43.13	54.00	-10.87	3	Vertical	14	1.50	-
5320MHz	Pass	AV	15.95958G	51.36	54.00	-2.64	3	Vertical	17	1.53	-
5320MHz	Pass	PK	10.63088G	54.09	74.00	-19.91	3	Vertical	14	1.50	-
5320MHz	Pass	PK	15.95946G	64.07	74.00	-9.93	3	Vertical	17	1.53	-
5320MHz	Pass	AV	10.63754G	42.69	54.00	-11.31	3	Horizontal	111	1.02	-
5320MHz	Pass	AV	15.9597G	47.88	54.00	-6.12	3	Horizontal	23	1.74	-
5320MHz	Pass	PK	10.6316G	53.99	74.00	-20.01	3	Horizontal	111	1.02	-
5320MHz	Pass	PK	15.95976G	60.78	74.00	-13.22	3	Horizontal	23	1.74	-
5500MHz	Pass	AV	5.46G	45.97	54.00	-8.03	3	Vertical	60	1.00	-
5500MHz	Pass	AV	5.4988G	102.79	Inf	-Inf	3	Vertical	60	1.00	-
5500MHz	Pass	PK	5.47G	57.06	68.20	-11.14	3	Vertical	60	1.00	-
5500MHz	Pass	PK	5.4982G	110.90	Inf	-Inf	3	Vertical	60	1.00	-
5500MHz	Pass	AV	5.4588G	47.00	54.00	-7.00	3	Horizontal	302	1.02	-
5500MHz	Pass	AV	5.4992G	110.31	Inf	-Inf	3	Horizontal	302	1.02	-
5500MHz	Pass	PK	5.4624G	57.96	68.20	-10.24	3	Horizontal	302	1.02	-
5500MHz	Pass	PK	5.4992G	118.06	Inf	-Inf	3	Horizontal	302	1.02	-
5500MHz	Pass	AV	11.00366G	43.03	54.00	-10.97	3	Vertical	173	1.50	-
5500MHz	Pass	PK	11.01482G	54.54	74.00	-19.46	3	Vertical	173	1.50	-
5500MHz	Pass	PK	16.50504G	67.99	68.20	-0.21	3	Vertical	22	1.72	-
5500MHz	Pass	AV	11.00858G	43.21	54.00	-10.79	3	Horizontal	118	2.21	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	11.00996G	54.73	74.00	-19.27	3	Horizontal	118	2.21	-
5500MHz	Pass	PK	16.50012G	63.50	68.20	-4.70	3	Horizontal	342	1.56	-
5580MHz	Pass	AV	5.4408G	46.39	54.00	-7.61	3	Vertical	62	1.00	-
5580MHz	Pass	AV	5.5788G	104.06	Inf	-Inf	3	Vertical	62	1.00	-
5580MHz	Pass	PK	5.4606G	56.82	68.20	-11.38	3	Vertical	62	1.00	-
5580MHz	Pass	PK	5.5782G	112.09	Inf	-Inf	3	Vertical	62	1.00	-
5580MHz	Pass	PK	5.7252G	57.00	68.20	-11.20	3	Vertical	62	1.00	-
5580MHz	Pass	AV	5.4318G	46.59	54.00	-7.41	3	Horizontal	305	1.07	-
5580MHz	Pass	AV	5.5794G	111.85	Inf	-Inf	3	Horizontal	305	1.07	-
5580MHz	Pass	PK	5.4684G	57.16	68.20	-11.04	3	Horizontal	305	1.07	-
5580MHz	Pass	PK	5.5794G	119.68	Inf	-Inf	3	Horizontal	305	1.07	-
5580MHz	Pass	PK	5.7276G	58.18	68.20	-10.02	3	Horizontal	305	1.07	-
5580MHz	Pass	AV	11.16135G	44.59	54.00	-9.41	3	Vertical	136	2.37	-
5580MHz	Pass	PK	11.1608G	55.83	74.00	-18.17	3	Vertical	136	2.37	-
5580MHz	Pass	PK	16.7401G	67.35	68.20	-0.85	3	Vertical	22	1.49	-
5580MHz	Pass	AV	11.15005G	43.36	54.00	-10.64	3	Horizontal	164	2.33	-
5580MHz	Pass	PK	11.1552G	55.30	74.00	-18.70	3	Horizontal	164	2.33	-
5580MHz	Pass	PK	16.74005G	62.51	68.20	-5.69	3	Horizontal	346	1.50	-
5700MHz	Pass	AV	5.6992G	105.82	Inf	-Inf	3	Vertical	342	2.86	-
5700MHz	Pass	PK	5.6992G	113.35	Inf	-Inf	3	Vertical	342	2.86	-
5700MHz	Pass	PK	5.7324G	59.71	68.20	-8.49	3	Vertical	342	2.86	-
5700MHz	Pass	AV	5.7008G	112.25	Inf	-Inf	3	Horizontal	300	2.00	-
5700MHz	Pass	PK	5.7008G	119.93	Inf	-Inf	3	Horizontal	300	2.00	-
5700MHz	Pass	PK	5.726G	67.42	68.20	-0.78	3	Horizontal	300	2.00	-
5700MHz	Pass	AV	11.40138G	44.75	54.00	-9.25	3	Vertical	354	1.95	-
5700MHz	Pass	PK	11.40126G	55.89	74.00	-18.11	3	Vertical	354	1.95	-
5700MHz	Pass	PK	17.09562G	62.73	68.20	-5.47	3	Vertical	13	1.58	-
5700MHz	Pass	AV	11.40151G	42.95	54.00	-11.05	3	Horizontal	79	1.87	-
5700MHz	Pass	PK	11.39945G	54.30	74.00	-19.70	3	Horizontal	79	1.87	-
5700MHz	Pass	PK	17.09988G	62.37	68.20	-5.83	3	Horizontal	291	1.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	46.35	54.00	-7.65	3	Vertical	19	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	108.31	Inf	-Inf	3	Vertical	19	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	56.18	68.20	-12.02	3	Vertical	19	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	115.69	Inf	-Inf	3	Vertical	19	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9408G	59.93	68.20	-8.27	3	Vertical	19	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	47.01	54.00	-6.99	3	Horizontal	301	2.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	112.66	Inf	-Inf	3	Horizontal	301	2.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.96	68.20	-11.24	3	Horizontal	301	2.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	119.96	Inf	-Inf	3	Horizontal	301	2.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9096G	60.11	68.20	-8.09	3	Horizontal	301	2.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4407G	45.72	54.00	-8.28	3	Vertical	354	2.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4456G	56.97	74.00	-17.03	3	Vertical	354	2.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15955G	62.52	68.20	-5.68	3	Vertical	15	1.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44135G	44.71	54.00	-9.29	3	Horizontal	32	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4465G	56.10	74.00	-17.90	3	Horizontal	32	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15605G	63.39	68.20	-4.81	3	Horizontal	301	1.74	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1358G	46.99	54.00	-7.01	3	Vertical	360	2.91	-
5260MHz	Pass	AV	5.2612G	107.38	Inf	-Inf	3	Vertical	360	2.91	-
5260MHz	Pass	AV	5.3554G	46.21	54.00	-7.79	3	Vertical	360	2.91	-
5260MHz	Pass	PK	5.1466G	58.98	74.00	-15.02	3	Vertical	360	2.91	-
5260MHz	Pass	PK	5.2606G	117.22	Inf	-Inf	3	Vertical	360	2.91	-
5260MHz	Pass	PK	5.4016G	58.51	74.00	-15.49	3	Vertical	360	2.91	-
5260MHz	Pass	AV	5.1382G	47.10	54.00	-6.90	3	Horizontal	293	1.10	-
5260MHz	Pass	AV	5.2582G	110.38	Inf	-Inf	3	Horizontal	293	1.10	-
5260MHz	Pass	AV	5.3512G	46.97	54.00	-7.03	3	Horizontal	293	1.10	-
5260MHz	Pass	PK	5.1328G	57.89	74.00	-16.11	3	Horizontal	293	1.10	-
5260MHz	Pass	PK	5.2588G	121.07	Inf	-Inf	3	Horizontal	293	1.10	-
5260MHz	Pass	PK	5.3524G	58.13	74.00	-15.87	3	Horizontal	293	1.10	-
5260MHz	Pass	AV	15.7794G	53.88	54.00	-0.12	3	Vertical	0	1.63	-
5260MHz	Pass	PK	10.5196G	54.41	68.20	-13.79	3	Vertical	2	1.50	-
5260MHz	Pass	PK	15.77955G	68.62	74.00	-5.38	3	Vertical	0	1.63	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	15.7799G	50.63	54.00	-3.37	3	Horizontal	336	2.76	-
5260MHz	Pass	PK	10.5112G	54.57	68.20	-13.63	3	Horizontal	259	1.48	-
5260MHz	Pass	PK	15.78855G	62.92	74.00	-11.08	3	Horizontal	336	2.76	-
5300MHz	Pass	AV	5.3008G	106.75	Inf	-Inf	3	Vertical	1	2.94	-
5300MHz	Pass	AV	5.3944G	46.61	54.00	-7.39	3	Vertical	1	2.94	-
5300MHz	Pass	PK	5.3004G	117.22	Inf	-Inf	3	Vertical	1	2.94	-
5300MHz	Pass	PK	5.396G	57.55	74.00	-16.45	3	Vertical	1	2.94	-
5300MHz	Pass	AV	5.2988G	109.94	Inf	-Inf	3	Horizontal	290	1.11	-
5300MHz	Pass	AV	5.3996G	47.18	54.00	-6.82	3	Horizontal	290	1.11	-
5300MHz	Pass	PK	5.2984G	121.00	Inf	-Inf	3	Horizontal	290	1.11	-
5300MHz	Pass	PK	5.3948G	58.25	74.00	-15.75	3	Horizontal	290	1.11	-
5300MHz	Pass	AV	15.9001G	53.14	54.00	-0.86	3	Vertical	358	1.76	-
5300MHz	Pass	PK	10.5994G	54.24	68.20	-13.96	3	Vertical	314	1.74	-
5300MHz	Pass	PK	15.90005G	68.51	74.00	-5.49	3	Vertical	358	1.76	-
5300MHz	Pass	AV	15.9008G	49.06	54.00	-4.94	3	Horizontal	24	1.81	-
5300MHz	Pass	PK	10.59935G	54.26	68.20	-13.94	3	Horizontal	299	1.50	-
5300MHz	Pass	PK	15.9005G	61.69	74.00	-12.31	3	Horizontal	24	1.81	-
5320MHz	Pass	AV	5.3194G	100.98	Inf	-Inf	3	Vertical	127	1.24	-
5320MHz	Pass	AV	5.3502G	47.92	54.00	-6.08	3	Vertical	127	1.24	-
5320MHz	Pass	PK	5.319G	112.01	Inf	-Inf	3	Vertical	127	1.24	-
5320MHz	Pass	PK	5.3506G	60.79	74.00	-13.21	3	Vertical	127	1.24	-
5320MHz	Pass	AV	5.3186G	108.92	Inf	-Inf	3	Horizontal	298	1.14	-
5320MHz	Pass	AV	5.35G	52.49	54.00	-1.51	3	Horizontal	298	1.14	-
5320MHz	Pass	PK	5.318G	120.74	Inf	-Inf	3	Horizontal	298	1.14	-
5320MHz	Pass	PK	5.357G	65.47	74.00	-8.53	3	Horizontal	298	1.14	-
5320MHz	Pass	AV	10.6415G	42.77	54.00	-11.23	3	Vertical	87	1.12	-
5320MHz	Pass	AV	15.96032G	51.09	54.00	-2.91	3	Vertical	45	1.59	-
5320MHz	Pass	PK	10.6443G	54.72	74.00	-19.28	3	Vertical	87	1.12	-
5320MHz	Pass	PK	15.96056G	66.77	74.00	-7.23	3	Vertical	45	1.59	-
5320MHz	Pass	AV	10.64404G	42.62	54.00	-11.38	3	Horizontal	199	1.42	-
5320MHz	Pass	AV	15.9604G	48.13	54.00	-5.87	3	Horizontal	2	1.90	-
5320MHz	Pass	PK	10.6418G	54.41	74.00	-19.59	3	Horizontal	199	1.42	-
5320MHz	Pass	PK	15.96096G	64.31	74.00	-9.69	3	Horizontal	2	1.90	-
5500MHz	Pass	AV	5.4522G	45.16	54.00	-8.84	3	Vertical	302	1.38	-
5500MHz	Pass	AV	5.4994G	99.45	Inf	-Inf	3	Vertical	302	1.38	-
5500MHz	Pass	PK	5.4656G	56.58	68.20	-11.62	3	Vertical	302	1.38	-
5500MHz	Pass	PK	5.4994G	109.83	Inf	-Inf	3	Vertical	302	1.38	-
5500MHz	Pass	AV	5.4598G	45.96	54.00	-8.04	3	Horizontal	304	1.01	-
5500MHz	Pass	AV	5.4988G	108.21	Inf	-Inf	3	Horizontal	304	1.01	-
5500MHz	Pass	PK	5.4696G	57.49	68.20	-10.71	3	Horizontal	304	1.01	-
5500MHz	Pass	PK	5.4986G	119.33	Inf	-Inf	3	Horizontal	304	1.01	-
5500MHz	Pass	AV	10.98554G	42.49	54.00	-11.51	3	Vertical	3	2.43	-
5500MHz	Pass	PK	11.0132G	55.09	74.00	-18.91	3	Vertical	3	2.43	-
5500MHz	Pass	PK	16.50012G	67.78	68.20	-0.42	3	Vertical	21	1.73	-
5500MHz	Pass	AV	11.00678G	42.49	54.00	-11.51	3	Horizontal	311	1.50	-
5500MHz	Pass	PK	10.98884G	54.37	74.00	-19.63	3	Horizontal	311	1.50	-
5500MHz	Pass	PK	16.50054G	65.31	68.20	-2.89	3	Horizontal	237	1.96	-
5580MHz	Pass	AV	5.4558G	45.92	54.00	-8.08	3	Vertical	63	1.00	-
5580MHz	Pass	AV	5.577G	102.14	Inf	-Inf	3	Vertical	63	1.00	-
5580MHz	Pass	PK	5.4612G	57.21	68.20	-10.99	3	Vertical	63	1.00	-
5580MHz	Pass	PK	5.5776G	112.91	Inf	-Inf	3	Vertical	63	1.00	-
5580MHz	Pass	PK	5.7282G	57.13	68.20	-11.07	3	Vertical	63	1.00	-
5580MHz	Pass	AV	5.4348G	46.10	54.00	-7.90	3	Horizontal	307	1.20	-
5580MHz	Pass	AV	5.5788G	110.23	Inf	-Inf	3	Horizontal	307	1.20	-
5580MHz	Pass	PK	5.469G	56.55	68.20	-11.65	3	Horizontal	307	1.20	-
5580MHz	Pass	PK	5.5794G	120.83	Inf	-Inf	3	Horizontal	307	1.20	-
5580MHz	Pass	PK	5.7252G	58.29	68.20	-9.91	3	Horizontal	307	1.20	-
5580MHz	Pass	AV	11.16195G	43.52	54.00	-10.48	3	Vertical	132	2.42	-
5580MHz	Pass	PK	11.16265G	55.40	74.00	-18.60	3	Vertical	132	2.42	-
5580MHz	Pass	PK	16.74G	67.48	68.20	-0.72	3	Vertical	27	1.82	-
5580MHz	Pass	AV	11.1618G	43.15	54.00	-10.85	3	Horizontal	139	1.28	-
5580MHz	Pass	PK	11.16345G	54.25	74.00	-19.75	3	Horizontal	139	1.28	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	16.74095G	63.31	68.20	-4.89	3	Horizontal	346	1.03	-
5700MHz	Pass	AV	5.7016G	105.04	Inf	-Inf	3	Vertical	350	2.02	-
5700MHz	Pass	PK	5.7016G	117.15	Inf	-Inf	3	Vertical	350	2.02	-
5700MHz	Pass	PK	5.7252G	61.96	68.20	-6.24	3	Vertical	350	2.02	-
5700MHz	Pass	AV	5.7012G	111.15	Inf	-Inf	3	Horizontal	305	2.17	-
5700MHz	Pass	PK	5.7008G	122.37	Inf	-Inf	3	Horizontal	305	2.17	-
5700MHz	Pass	PK	5.7252G	67.43	68.20	-0.77	3	Horizontal	305	2.17	-
5700MHz	Pass	AV	11.4016G	43.79	54.00	-10.21	3	Vertical	21	2.80	-
5700MHz	Pass	PK	11.40001G	56.15	74.00	-17.85	3	Vertical	21	2.80	-
5700MHz	Pass	PK	17.10044G	64.79	68.20	-3.41	3	Vertical	12	1.58	-
5700MHz	Pass	AV	11.40177G	43.46	54.00	-10.54	3	Horizontal	23	2.96	-
5700MHz	Pass	PK	11.40039G	55.23	74.00	-18.77	3	Horizontal	23	2.96	-
5700MHz	Pass	PK	17.10137G	64.36	68.20	-3.84	3	Horizontal	22	1.86	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4308G	46.17	54.00	-7.83	3	Vertical	18	2.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	107.46	Inf	-Inf	3	Vertical	18	2.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	56.11	68.20	-12.09	3	Vertical	18	2.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	117.55	Inf	-Inf	3	Vertical	18	2.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.978G	59.92	68.20	-8.28	3	Vertical	18	2.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4308G	47.80	54.00	-6.20	3	Horizontal	305	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	111.73	Inf	-Inf	3	Horizontal	305	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	56.81	68.20	-11.39	3	Horizontal	305	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	122.89	Inf	-Inf	3	Horizontal	305	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9024G	60.26	68.20	-7.94	3	Horizontal	305	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4408G	45.31	54.00	-8.69	3	Vertical	354	2.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4403G	56.81	74.00	-17.19	3	Vertical	354	2.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.161G	61.60	68.20	-6.60	3	Vertical	360	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.45165G	43.20	54.00	-10.80	3	Horizontal	85	2.07	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43175G	54.68	74.00	-19.32	3	Horizontal	85	2.07	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16185G	61.28	68.20	-6.92	3	Horizontal	360	1.58	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2712G	103.82	Inf	-Inf	3	Vertical	1	2.78	-
5270MHz	Pass	AV	5.3504G	49.39	54.00	-4.61	3	Vertical	1	2.78	-
5270MHz	Pass	PK	5.2708G	114.14	Inf	-Inf	3	Vertical	1	2.78	-
5270MHz	Pass	PK	5.3508G	61.18	74.00	-12.82	3	Vertical	1	2.78	-
5270MHz	Pass	AV	5.2676G	108.11	Inf	-Inf	3	Horizontal	304	1.03	-
5270MHz	Pass	AV	5.3504G	53.42	54.00	-0.58	3	Horizontal	304	1.03	-
5270MHz	Pass	PK	5.2668G	119.58	Inf	-Inf	3	Horizontal	304	1.03	-
5270MHz	Pass	PK	5.3524G	68.32	74.00	-5.68	3	Horizontal	304	1.03	-
5270MHz	Pass	AV	15.8097G	52.61	54.00	-1.39	3	Vertical	355	1.68	-
5270MHz	Pass	PK	10.54247G	54.57	68.20	-13.63	3	Vertical	3	1.50	-
5270MHz	Pass	PK	15.81048G	65.54	74.00	-8.46	3	Vertical	355	1.68	-
5270MHz	Pass	AV	15.80995G	49.65	54.00	-4.35	3	Horizontal	333	1.92	-
5270MHz	Pass	PK	10.54143G	54.37	68.20	-13.83	3	Horizontal	315	1.50	-
5270MHz	Pass	PK	15.80903G	62.20	74.00	-11.80	3	Horizontal	333	1.92	-
5310MHz	Pass	AV	5.3108G	102.66	Inf	-Inf	3	Vertical	2	3.00	-
5310MHz	Pass	AV	5.3508G	49.48	54.00	-4.52	3	Vertical	2	3.00	-
5310MHz	Pass	PK	5.3112G	112.24	Inf	-Inf	3	Vertical	2	3.00	-
5310MHz	Pass	PK	5.3604G	65.67	74.00	-8.33	3	Vertical	2	3.00	-
5310MHz	Pass	AV	5.3076G	106.30	Inf	-Inf	3	Horizontal	303	1.03	-
5310MHz	Pass	AV	5.35G	53.28	54.00	-0.72	3	Horizontal	303	1.03	-
5310MHz	Pass	PK	5.3088G	115.99	Inf	-Inf	3	Horizontal	303	1.03	-
5310MHz	Pass	PK	5.35G	68.53	74.00	-5.47	3	Horizontal	303	1.03	-
5310MHz	Pass	AV	10.62003G	42.77	54.00	-11.23	3	Vertical	0	2.72	-
5310MHz	Pass	AV	15.93035G	46.33	54.00	-7.67	3	Vertical	18	1.58	-
5310MHz	Pass	PK	10.61877G	54.81	74.00	-19.19	3	Vertical	0	2.72	-
5310MHz	Pass	PK	15.93116G	58.23	74.00	-15.77	3	Vertical	18	1.58	-
5310MHz	Pass	AV	10.61793G	42.49	54.00	-11.51	3	Horizontal	293	2.38	-
5310MHz	Pass	AV	15.92945G	45.34	54.00	-8.66	3	Horizontal	23	1.77	-
5310MHz	Pass	PK	10.622G	54.35	74.00	-19.65	3	Horizontal	293	2.38	-
5310MHz	Pass	PK	15.93145G	57.01	74.00	-16.99	3	Horizontal	23	1.77	-
5510MHz	Pass	AV	5.4596G	45.85	54.00	-8.15	3	Vertical	158	1.49	-
5510MHz	Pass	AV	5.5124G	98.28	Inf	-Inf	3	Vertical	158	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	PK	5.4652G	56.92	68.20	-11.28	3	Vertical	158	1.49	-
5510MHz	Pass	PK	5.512G	107.90	Inf	-Inf	3	Vertical	158	1.49	-
5510MHz	Pass	AV	5.458G	48.44	54.00	-5.56	3	Horizontal	302	1.15	-
5510MHz	Pass	AV	5.5088G	107.19	Inf	-Inf	3	Horizontal	302	1.15	-
5510MHz	Pass	PK	5.4672G	67.97	68.20	-0.23	3	Horizontal	302	1.15	-
5510MHz	Pass	PK	5.5092G	118.33	Inf	-Inf	3	Horizontal	302	1.15	-
5510MHz	Pass	AV	11.02131G	42.77	54.00	-11.23	3	Vertical	19	1.50	-
5510MHz	Pass	PK	11.02158G	55.21	74.00	-18.79	3	Vertical	19	1.50	-
5510MHz	Pass	PK	16.53184G	67.12	68.20	-1.08	3	Vertical	30	1.77	-
5510MHz	Pass	AV	11.02106G	42.57	54.00	-11.43	3	Horizontal	222	1.50	-
5510MHz	Pass	PK	11.02211G	55.00	74.00	-19.00	3	Horizontal	222	1.50	-
5510MHz	Pass	PK	16.53064G	62.21	68.20	-5.99	3	Horizontal	347	1.68	-
5550MHz	Pass	AV	5.4536G	45.59	54.00	-8.41	3	Vertical	184	1.00	-
5550MHz	Pass	AV	5.5448G	95.06	Inf	-Inf	3	Vertical	184	1.00	-
5550MHz	Pass	PK	5.4672G	56.05	68.20	-12.15	3	Vertical	184	1.00	-
5550MHz	Pass	PK	5.554G	105.81	Inf	-Inf	3	Vertical	184	1.00	-
5550MHz	Pass	AV	5.4568G	47.22	54.00	-6.78	3	Horizontal	302	1.12	-
5550MHz	Pass	AV	5.5488G	108.06	Inf	-Inf	3	Horizontal	302	1.12	-
5550MHz	Pass	PK	5.47G	60.98	68.20	-7.22	3	Horizontal	302	1.12	-
5550MHz	Pass	PK	5.548G	118.51	Inf	-Inf	3	Horizontal	302	1.12	-
5550MHz	Pass	PK	11.10046G	55.24	74.00	-18.76	3	Vertical	336	2.90	-
5550MHz	Pass	AV	11.09947G	42.89	54.00	-11.11	3	Vertical	336	2.90	-
5550MHz	Pass	PK	16.65122G	67.90	68.20	-0.30	3	Vertical	30	1.64	-
5550MHz	Pass	PK	11.09763G	54.62	74.00	-19.38	3	Horizontal	298	2.07	-
5550MHz	Pass	AV	11.09891G	42.72	54.00	-11.28	3	Horizontal	298	2.07	-
5550MHz	Pass	PK	16.65204G	65.21	68.20	-2.99	3	Horizontal	350	2.44	-
5670MHz	Pass	AV	5.673G	101.57	Inf	-Inf	3	Vertical	349	2.25	-
5670MHz	Pass	PK	5.6724G	113.10	Inf	-Inf	3	Vertical	349	2.25	-
5670MHz	Pass	PK	5.7252G	60.36	68.20	-7.84	3	Vertical	349	2.25	-
5670MHz	Pass	AV	5.6694G	108.09	Inf	-Inf	3	Horizontal	304	1.01	-
5670MHz	Pass	PK	5.6694G	119.47	Inf	-Inf	3	Horizontal	304	1.01	-
5670MHz	Pass	PK	5.7276G	65.61	68.20	-2.59	3	Horizontal	304	1.01	-
5670MHz	Pass	PK	11.33999G	54.36	74.00	-19.64	3	Vertical	313	1.33	-
5670MHz	Pass	AV	11.34073G	43.08	54.00	-10.92	3	Vertical	313	1.33	-
5670MHz	Pass	PK	17.01064G	59.85	68.20	-8.35	3	Vertical	1	1.74	-
5670MHz	Pass	PK	11.33932G	53.52	74.00	-20.48	3	Horizontal	176	1.45	-
5670MHz	Pass	AV	11.34128G	42.54	54.00	-11.46	3	Horizontal	176	1.45	-
5670MHz	Pass	PK	17.00965G	59.21	68.20	-8.99	3	Horizontal	342	1.48	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4172G	45.48	54.00	-8.52	3	Vertical	350	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	104.21	Inf	-Inf	3	Vertical	350	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	56.32	68.20	-11.88	3	Vertical	350	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7136G	113.10	Inf	-Inf	3	Vertical	350	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8948G	59.14	68.20	-9.06	3	Vertical	350	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4208G	46.62	54.00	-7.38	3	Horizontal	306	1.06	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7088G	109.64	Inf	-Inf	3	Horizontal	306	1.06	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4604G	56.30	68.20	-11.90	3	Horizontal	306	1.06	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7088G	118.73	Inf	-Inf	3	Horizontal	306	1.06	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9116G	59.76	68.20	-8.44	3	Horizontal	306	1.06	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42167G	44.06	54.00	-9.94	3	Vertical	360	2.76	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41928G	55.86	74.00	-18.14	3	Vertical	360	2.76	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13212G	62.76	68.20	-5.44	3	Vertical	15	1.62	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42194G	42.86	54.00	-11.14	3	Horizontal	353	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42101G	54.55	74.00	-19.45	3	Horizontal	353	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1316G	60.99	68.20	-7.21	3	Horizontal	1	1.46	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.095G	47.05	54.00	-6.95	3	Vertical	139	1.12	-
5290MHz	Pass	AV	5.289G	97.46	Inf	-Inf	3	Vertical	139	1.12	-
5290MHz	Pass	AV	5.35G	49.06	54.00	-4.94	3	Vertical	139	1.12	-
5290MHz	Pass	PK	5.128G	59.54	74.00	-14.46	3	Vertical	139	1.12	-
5290MHz	Pass	PK	5.289G	107.24	Inf	-Inf	3	Vertical	139	1.12	-
5290MHz	Pass	PK	5.502G	56.86	68.20	-11.34	3	Vertical	139	1.12	-
5290MHz	Pass	AV	5.096G	47.68	54.00	-6.32	3	Horizontal	302	1.00	-



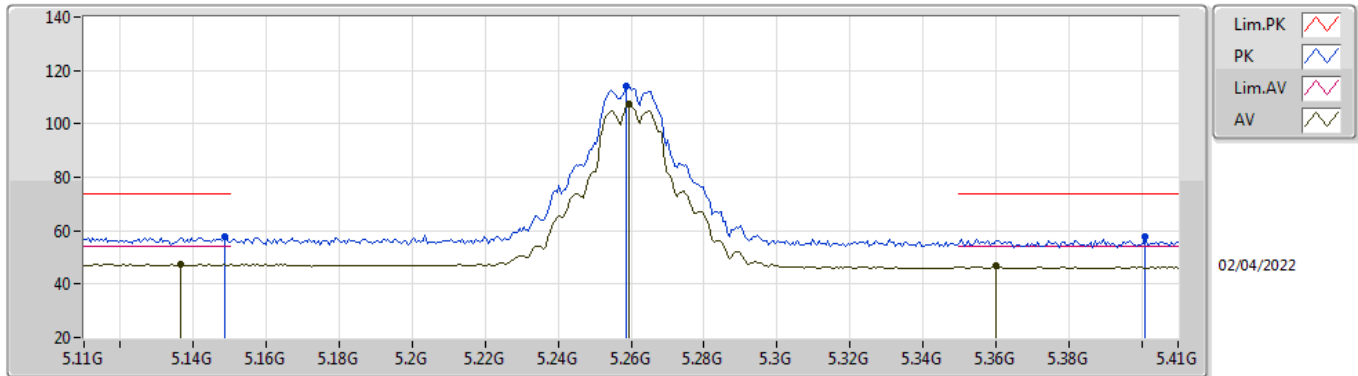
RSE TX above 1GHz Non-Beamforming

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	AV	5.288G	103.34	Inf	-Inf	3	Horizontal	302	1.00	-
5290MHz	Pass	AV	5.35G	53.36	54.00	-0.64	3	Horizontal	302	1.00	-
5290MHz	Pass	PK	5.102G	58.88	74.00	-15.12	3	Horizontal	302	1.00	-
5290MHz	Pass	PK	5.289G	113.97	Inf	-Inf	3	Horizontal	302	1.00	-
5290MHz	Pass	PK	5.357G	65.86	74.00	-8.14	3	Horizontal	302	1.00	-
5290MHz	Pass	AV	15.8592G	45.60	54.00	-8.40	3	Vertical	360	1.80	-
5290MHz	Pass	PK	10.5683G	54.20	68.20	-14.00	3	Vertical	153	1.50	-
5290MHz	Pass	PK	15.8709G	57.75	74.00	-16.25	3	Vertical	360	1.80	-
5290MHz	Pass	AV	15.8701G	45.26	54.00	-8.74	3	Horizontal	27	1.83	-
5290MHz	Pass	PK	10.5751G	54.14	68.20	-14.06	3	Horizontal	134	2.00	-
5290MHz	Pass	PK	15.871G	58.10	74.00	-15.90	3	Horizontal	27	1.83	-
5530MHz	Pass	AV	5.46G	47.60	54.00	-6.40	3	Vertical	139	1.15	-
5530MHz	Pass	AV	5.529G	96.44	Inf	-Inf	3	Vertical	139	1.15	-
5530MHz	Pass	PK	5.469G	58.29	68.20	-9.91	3	Vertical	139	1.15	-
5530MHz	Pass	PK	5.528G	107.30	Inf	-Inf	3	Vertical	139	1.15	-
5530MHz	Pass	PK	5.743G	58.24	68.20	-9.96	3	Vertical	139	1.15	-
5530MHz	Pass	AV	5.459G	51.83	54.00	-2.17	3	Horizontal	308	1.09	-
5530MHz	Pass	AV	5.529G	104.60	Inf	-Inf	3	Horizontal	308	1.09	-
5530MHz	Pass	PK	5.468G	65.28	68.20	-2.92	3	Horizontal	308	1.09	-
5530MHz	Pass	PK	5.528G	115.15	Inf	-Inf	3	Horizontal	308	1.09	-
5530MHz	Pass	PK	5.76G	60.96	68.20	-7.24	3	Horizontal	308	1.09	-
5530MHz	Pass	AV	11.07184G	42.81	54.00	-11.19	3	Vertical	342	1.89	-
5530MHz	Pass	PK	11.06928G	54.51	74.00	-19.49	3	Vertical	342	1.89	-
5530MHz	Pass	PK	16.58936G	62.10	77.74	-15.64	3	Vertical	19	1.67	-
5530MHz	Pass	AV	11.05904G	43.27	54.00	-10.73	3	Horizontal	33	1.50	-
5530MHz	Pass	PK	11.0648G	54.96	74.00	-19.04	3	Horizontal	33	1.50	-
5530MHz	Pass	PK	16.56952G	59.46	77.74	-18.28	3	Horizontal	343	1.60	-
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.143G	48.68	54.00	-5.32	3	Vertical	10	2.91	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.248G	95.50	Inf	-Inf	3	Vertical	10	2.91	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.37G	49.91	54.00	-4.09	3	Vertical	10	2.91	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.04G	59.31	74.00	-14.69	3	Vertical	10	2.91	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.239G	104.20	Inf	-Inf	3	Vertical	10	2.91	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.471G	56.46	68.20	-11.74	3	Vertical	10	2.91	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.137G	53.34	54.00	-0.66	3	Horizontal	345	2.32	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.247G	99.65	Inf	-Inf	3	Horizontal	345	2.32	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.376G	52.41	54.00	-1.59	3	Horizontal	345	2.32	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.138G	63.60	74.00	-10.40	3	Horizontal	345	2.32	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.258G	109.32	Inf	-Inf	3	Horizontal	345	2.32	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.357G	63.63	74.00	-10.37	3	Horizontal	345	2.32	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.75448G	45.71	54.00	-8.29	3	Vertical	184	1.98	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.50256G	54.31	68.20	-13.89	3	Vertical	300	1.39	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.75176G	57.37	74.00	-16.63	3	Vertical	184	1.98	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.75024G	46.05	54.00	-7.95	3	Horizontal	232	1.50	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.50316G	53.55	68.20	-14.65	3	Horizontal	268	1.23	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.75456G	57.90	74.00	-16.10	3	Horizontal	232	1.50	-

802.11a_Nss1,(6Mbps)_2TX

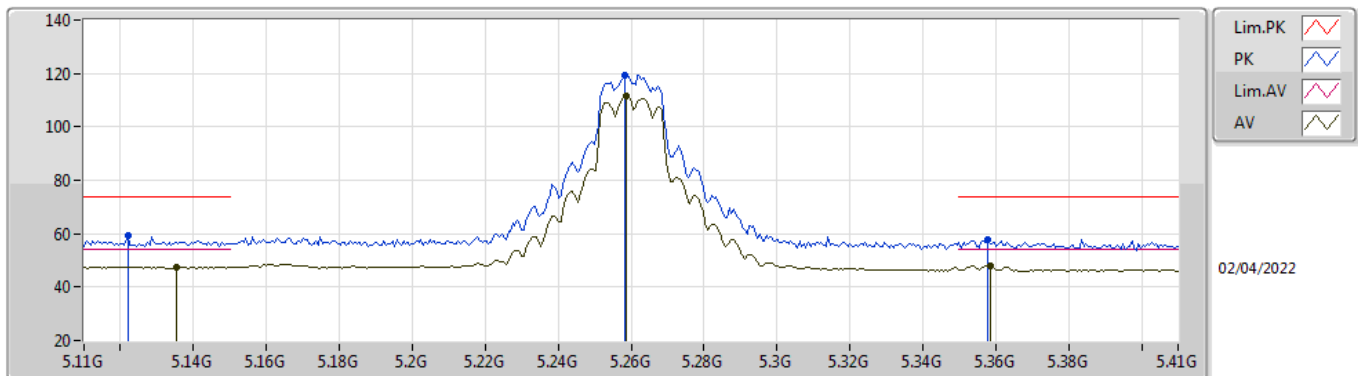
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1364G	47.41	54.00	-6.59	5.17	3	Vertical	8	2.87	-	42.24	33.07	6.86	34.76
AV	5.2594G	107.30	Inf	-Inf	5.25	3	Vertical	8	2.87	-	102.05	33.06	6.96	34.77
AV	5.3602G	46.64	54.00	-7.36	5.06	3	Vertical	8	2.87	-	41.58	32.76	7.07	34.77
PK	5.1484G	57.70	74.00	-16.30	5.21	3	Vertical	8	2.87	-	52.49	33.10	6.87	34.76
PK	5.2588G	113.96	Inf	-Inf	5.25	3	Vertical	8	2.87	-	108.71	33.06	6.96	34.77
PK	5.401G	57.78	74.00	-16.22	5.35	3	Vertical	8	2.87	-	52.43	33.00	7.12	34.77

802.11a_Nss1,(6Mbps)_2TX

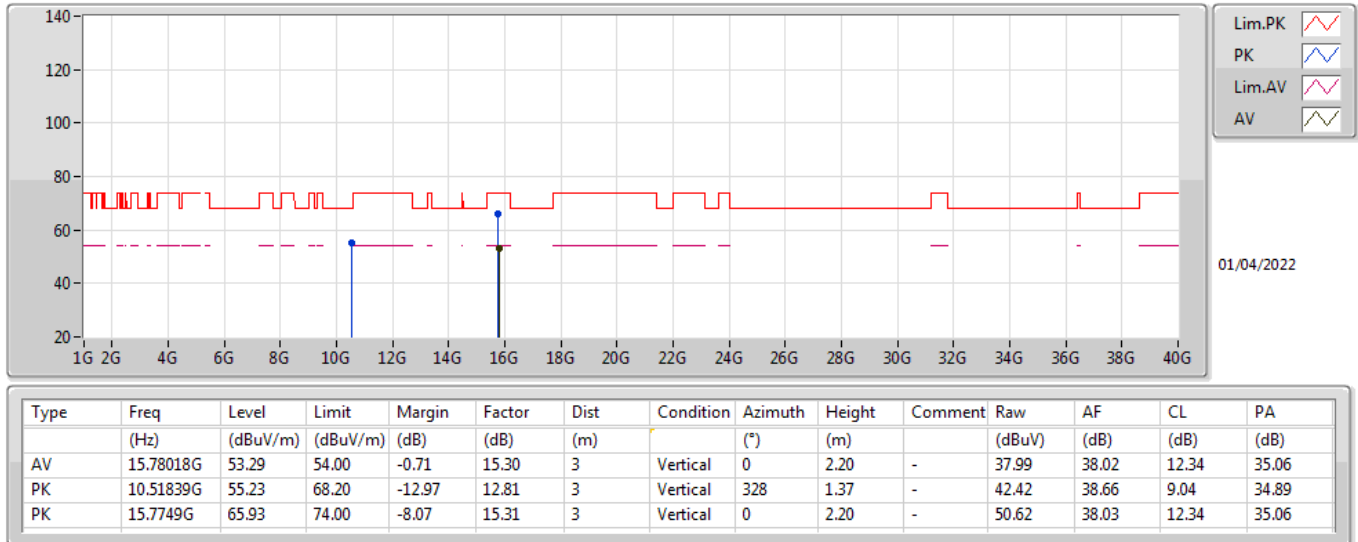
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Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1352G	47.59	54.00	-6.41	5.17	3	Horizontal	305	1.02	-	42.42	33.07	6.86	34.76
AV	5.2588G	111.56	Inf	-Inf	5.25	3	Horizontal	305	1.02	-	106.31	33.06	6.96	34.77
AV	5.3584G	47.91	54.00	-6.09	5.05	3	Horizontal	305	1.02	-	42.86	32.75	7.07	34.77
PK	5.122G	59.14	74.00	-14.86	5.14	3	Horizontal	305	1.02	-	54.00	33.04	6.86	34.76
PK	5.2582G	119.41	Inf	-Inf	5.26	3	Horizontal	305	1.02	-	114.15	33.07	6.96	34.77
PK	5.3578G	57.64	74.00	-16.36	5.05	3	Horizontal	305	1.02	-	52.59	32.75	7.07	34.77

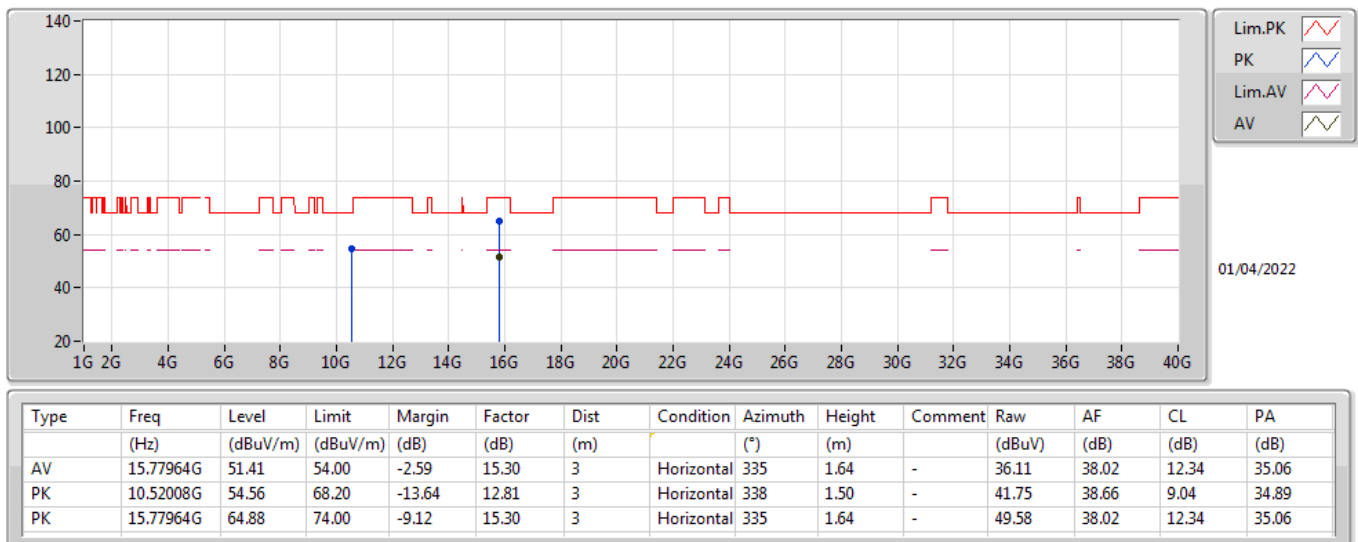
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5260MHz_TnomVnom



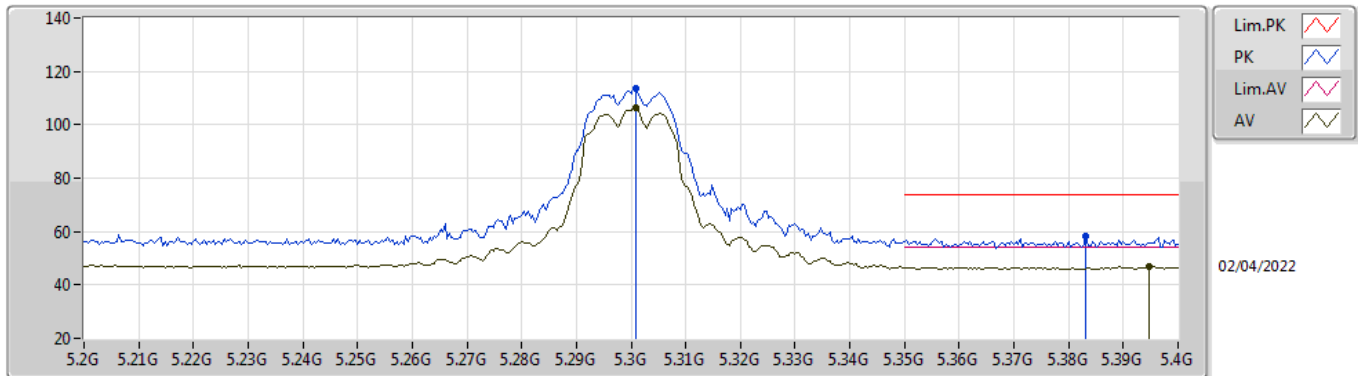
802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom



802.11a_Nss1,(6Mbps)_2TX

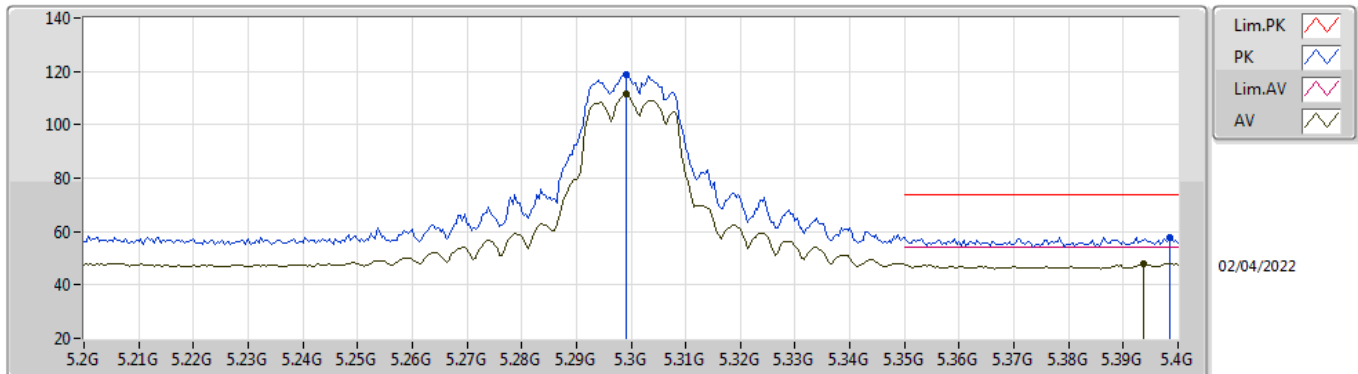
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3008G	106.29	Inf	-Inf	5.14	3	Vertical	5.8	2.96	-	101.15	32.90	7.01	34.77
AV	5.3948G	46.90	54.00	-7.10	5.31	3	Vertical	5.8	2.96	-	41.59	32.97	7.11	34.77
PK	5.3008G	113.49	Inf	-Inf	5.14	3	Vertical	5.8	2.96	-	108.35	32.90	7.01	34.77
PK	5.3832G	58.24	74.00	-15.76	5.23	3	Vertical	5.8	2.96	-	53.01	32.90	7.10	34.77

802.11a_Nss1,(6Mbps)_2TX

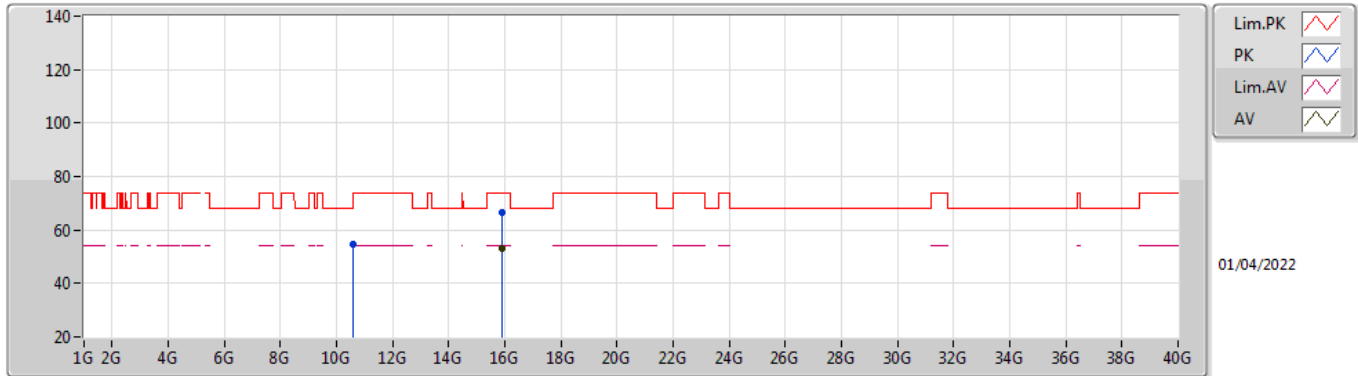
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2992G	111.44	Inf	-Inf	5.13	3	Horizontal	293	1.12	-	106.31	32.90	7.00	34.77
AV	5.3936G	47.86	54.00	-6.14	5.30	3	Horizontal	293	1.12	-	42.56	32.96	7.11	34.77
PK	5.2992G	119.05	Inf	-Inf	5.13	3	Horizontal	293	1.12	-	113.92	32.90	7.00	34.77
PK	5.3984G	57.93	74.00	-16.07	5.34	3	Horizontal	293	1.12	-	52.59	32.99	7.12	34.77

802.11a_Nss1,(6Mbps)_2TX

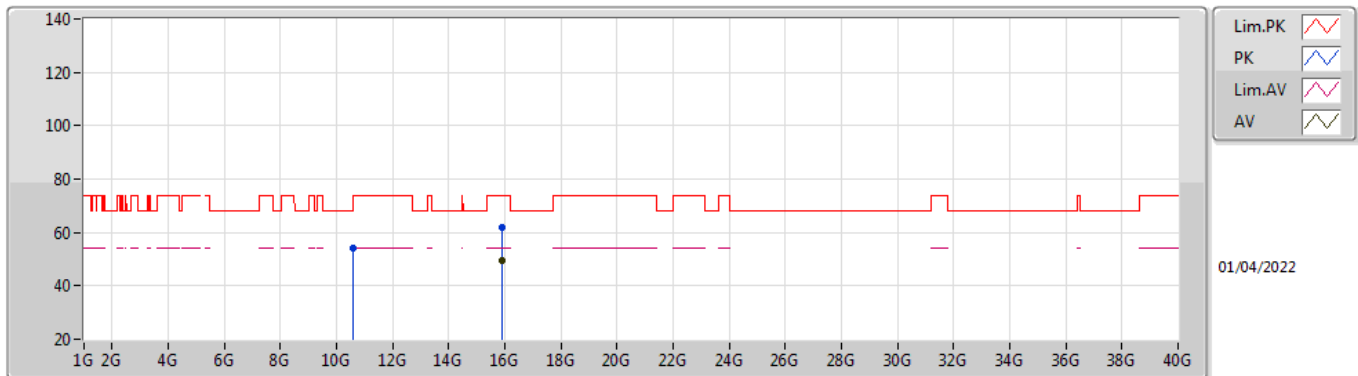
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89965G	53.22	54.00	-0.78	14.93	3	Vertical	16	1.01	-	38.29	37.60	12.46	35.13
PK	10.5947G	54.57	68.20	-13.63	13.08	3	Vertical	10	1.75	-	41.49	38.88	9.07	34.87
PK	15.89965G	66.46	74.00	-7.54	14.93	3	Vertical	16	1.01	-	51.53	37.60	12.46	35.13

802.11a_Nss1,(6Mbps)_2TX

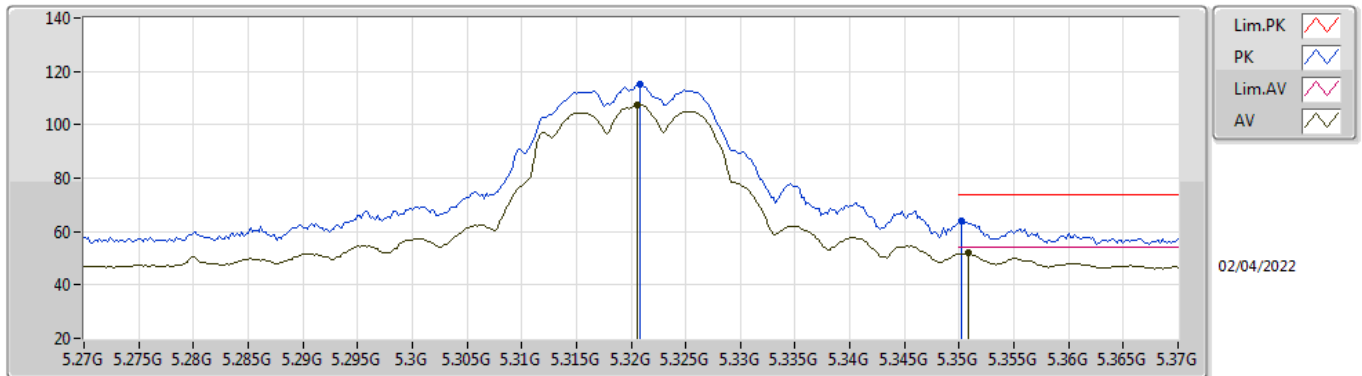
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8995G	49.46	54.00	-4.54	14.93	3	Horizontal	24	1.87	-	34.53	37.60	12.46	35.13
PK	10.59255G	54.37	68.20	-13.83	13.08	3	Horizontal	155	2.33	-	41.29	38.88	9.07	34.87
PK	15.9003G	61.98	74.00	-12.02	14.93	3	Horizontal	24	1.87	-	47.05	37.60	12.46	35.13

802.11a_Nss1,(6Mbps)_2TX

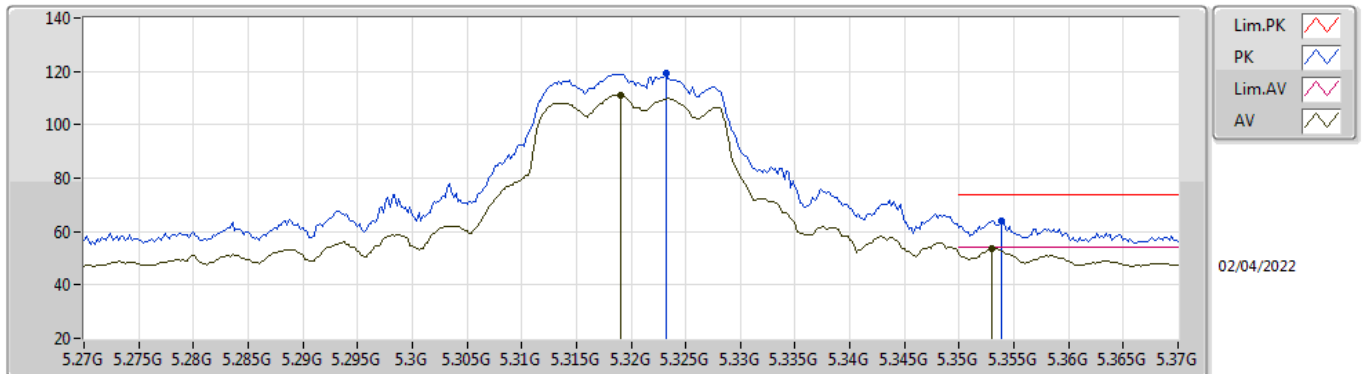
5320MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3206G	107.60	Inf	-Inf	5.08	3	Vertical	2	2.85	-	102.52	32.82	7.03	34.77
AV	5.3508G	51.87	54.00	-2.13	4.99	3	Vertical	2	2.85	-	46.88	32.70	7.06	34.77
PK	5.3208G	115.06	Inf	-Inf	5.08	3	Vertical	2	2.85	-	109.98	32.82	7.03	34.77
PK	5.3502G	63.82	74.00	-10.18	4.99	3	Vertical	2	2.85	-	58.83	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

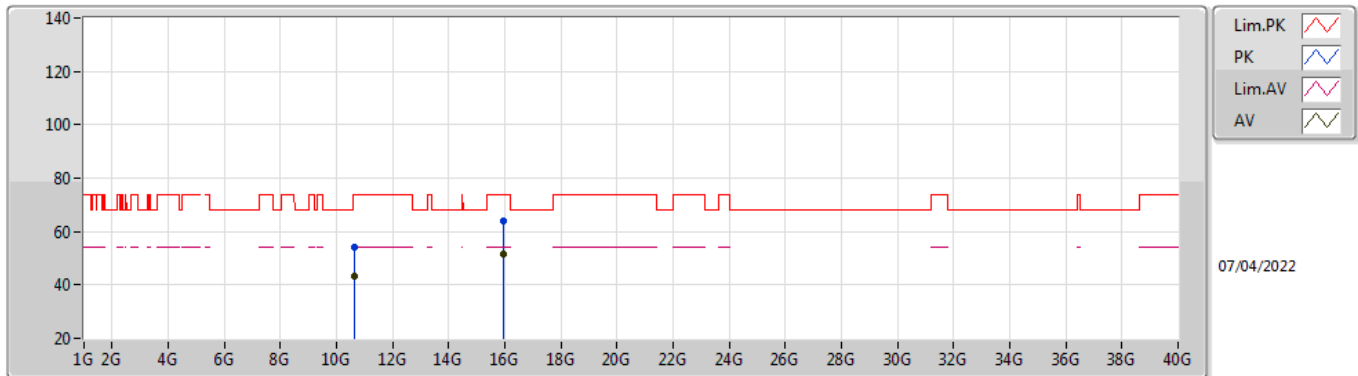
5320MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.319G	110.98	Inf	-Inf	5.08	3	Horizontal	306	1.09	-	105.90	32.82	7.03	34.77
AV	5.353G	53.71	54.00	-0.29	5.02	3	Horizontal	306	1.09	-	48.69	32.72	7.07	34.77
PK	5.3232G	119.22	Inf	-Inf	5.07	3	Horizontal	306	1.09	-	114.15	32.81	7.03	34.77
PK	5.3538G	64.22	74.00	-9.78	5.02	3	Horizontal	306	1.09	-	59.20	32.72	7.07	34.77

802.11a_Nss1,(6Mbps)_2TX

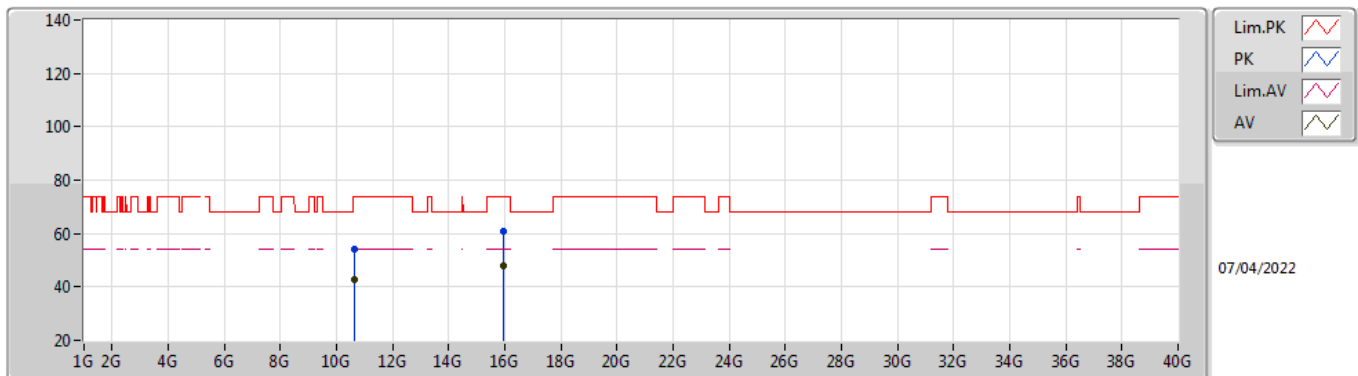
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6403G	43.13	54.00	-10.87	13.20	3	Vertical	14	1.50	-	29.93	38.98	9.08	34.86
AV	15.95958G	51.36	54.00	-2.64	14.95	3	Vertical	17	1.53	-	36.41	37.60	12.52	35.17
PK	10.63088G	54.09	74.00	-19.91	13.18	3	Vertical	14	1.50	-	40.91	38.96	9.08	34.86
PK	15.95946G	64.07	74.00	-9.93	14.95	3	Vertical	17	1.53	-	49.12	37.60	12.52	35.17

802.11a_Nss1,(6Mbps)_2TX

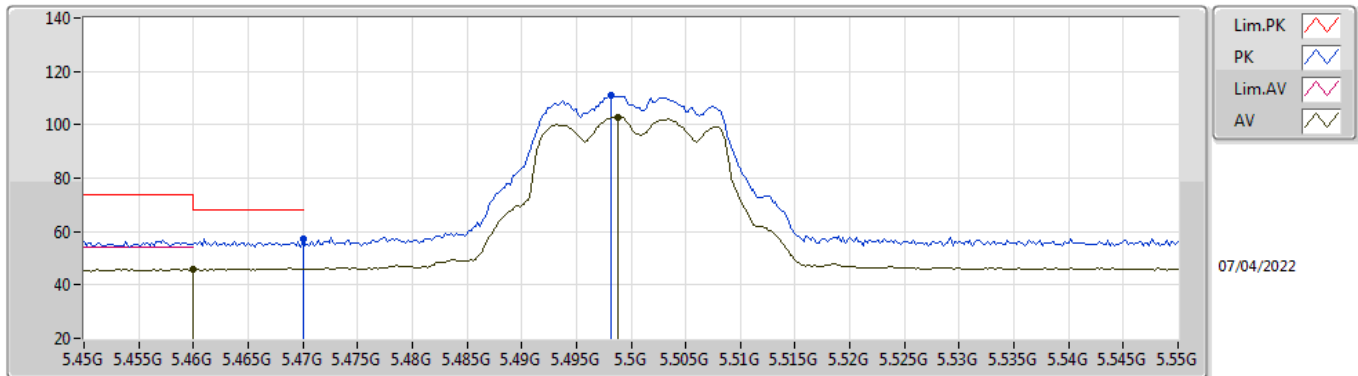
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63754G	42.69	54.00	-11.31	13.20	3	Horizontal	111	1.02	-	29.49	38.98	9.08	34.86
AV	15.9597G	47.88	54.00	-6.12	14.95	3	Horizontal	23	1.74	-	32.93	37.60	12.52	35.17
PK	10.6316G	53.99	74.00	-20.01	13.18	3	Horizontal	111	1.02	-	40.81	38.96	9.08	34.86
PK	15.95976G	60.78	74.00	-13.22	14.95	3	Horizontal	23	1.74	-	45.83	37.60	12.52	35.17

802.11a_Nss1,(6Mbps)_2TX

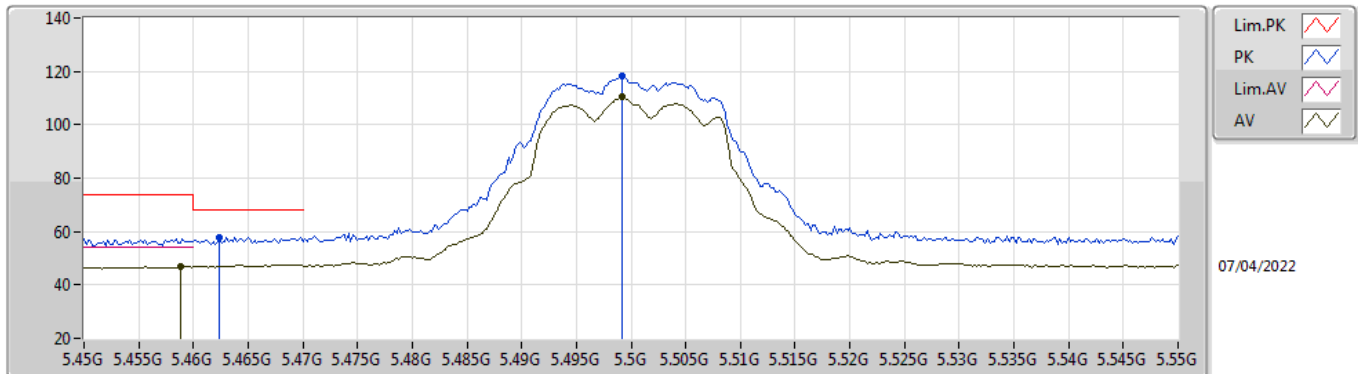
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	45.97	54.00	-8.03	5.13	3	Vertical	60	1.00	-	40.84	32.82	7.08	34.77
AV	5.4988G	102.79	Inf	-Inf	5.19	3	Vertical	60	1.00	-	97.60	32.90	7.06	34.77
PK	5.47G	57.06	68.20	-11.14	5.14	3	Vertical	60	1.00	-	51.92	32.84	7.07	34.77
PK	5.4982G	110.90	Inf	-Inf	5.19	3	Vertical	60	1.00	-	105.71	32.90	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

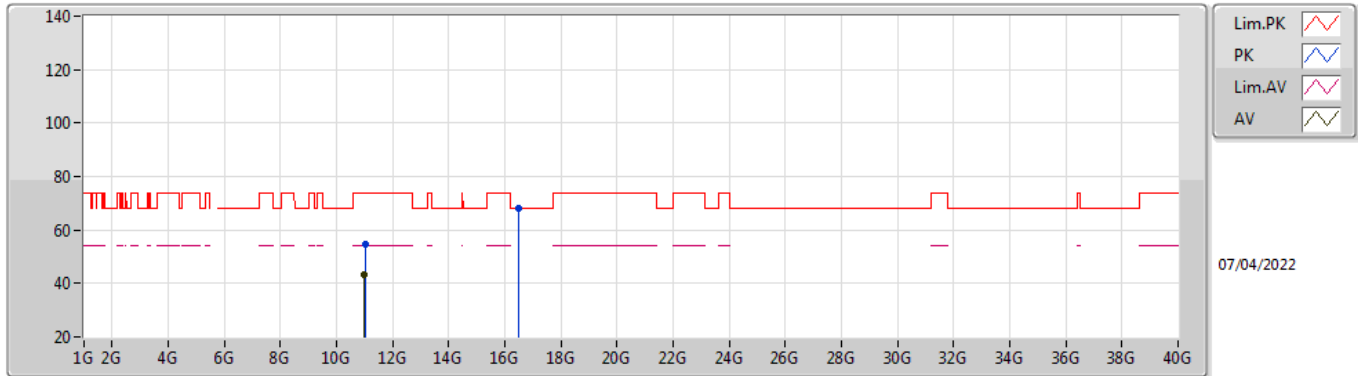
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	47.00	54.00	-7.00	5.13	3	Horizontal	302	1.02	-	41.87	32.82	7.08	34.77
AV	5.4992G	110.31	Inf	-Inf	5.19	3	Horizontal	302	1.02	-	105.12	32.90	7.06	34.77
PK	5.4624G	57.96	68.20	-10.24	5.13	3	Horizontal	302	1.02	-	52.83	32.82	7.08	34.77
PK	5.4992G	118.06	Inf	-Inf	5.19	3	Horizontal	302	1.02	-	112.87	32.90	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

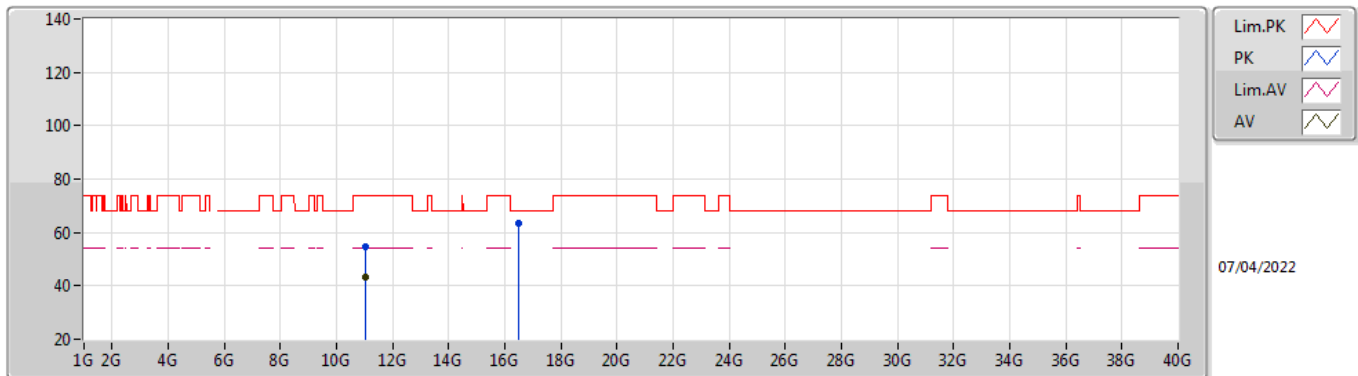
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00366G	43.03	54.00	-10.97	13.16	3	Vertical	173	1.50	-	29.87	38.70	9.20	34.74
PK	11.01482G	54.54	74.00	-19.46	13.15	3	Vertical	173	1.50	-	41.39	38.69	9.20	34.74
PK	16.50504G	67.99	68.20	-0.21	16.46	3	Vertical	22	1.72	-	51.53	38.68	12.71	34.93

802.11a_Nss1,(6Mbps)_2TX

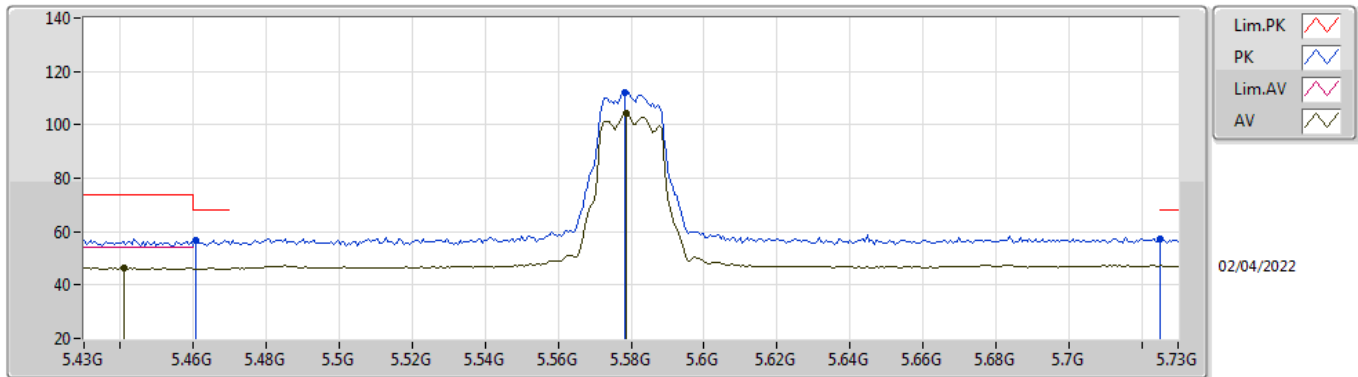
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00858G	43.21	54.00	-10.79	13.15	3	Horizontal	118	2.21	-	30.06	38.69	9.20	34.74
PK	11.00996G	54.73	74.00	-19.27	13.15	3	Horizontal	118	2.21	-	41.58	38.69	9.20	34.74
PK	16.50012G	63.50	68.20	-4.70	16.47	3	Horizontal	342	1.56	-	47.03	38.70	12.71	34.94

802.11a_Nss1,(6Mbps)_2TX

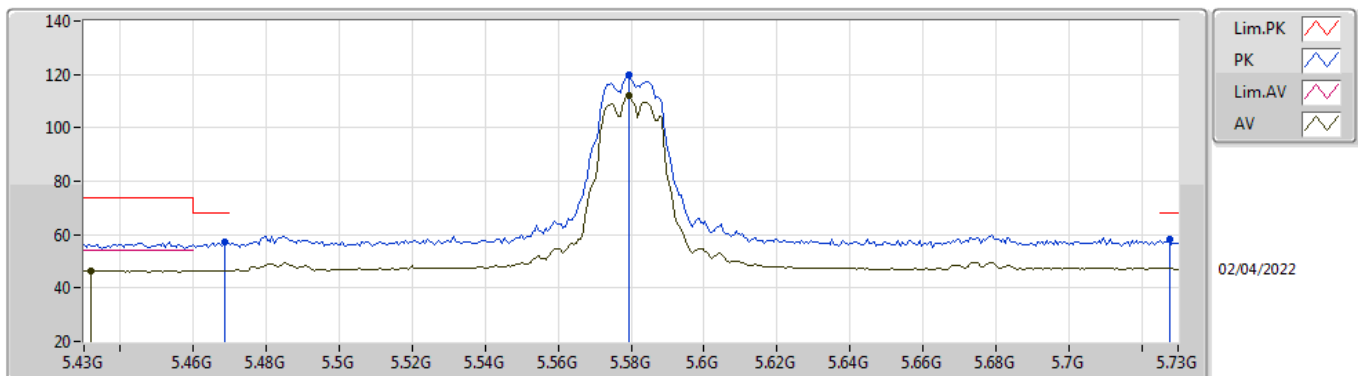
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4408G	46.39	54.00	-7.61	5.16	3	Vertical	62	1.00	-	41.23	32.84	7.09	34.77
AV	5.5788G	104.06	Inf	-Inf	5.23	3	Vertical	62	1.00	-	98.83	33.00	7.00	34.77
PK	5.4606G	56.82	68.20	-11.38	5.13	3	Vertical	62	1.00	-	51.69	32.82	7.08	34.77
PK	5.5782G	112.09	Inf	-Inf	5.23	3	Vertical	62	1.00	-	106.86	33.00	7.00	34.77
PK	5.7252G	57.00	68.20	-11.20	5.67	3	Vertical	62	1.00	-	51.33	33.50	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

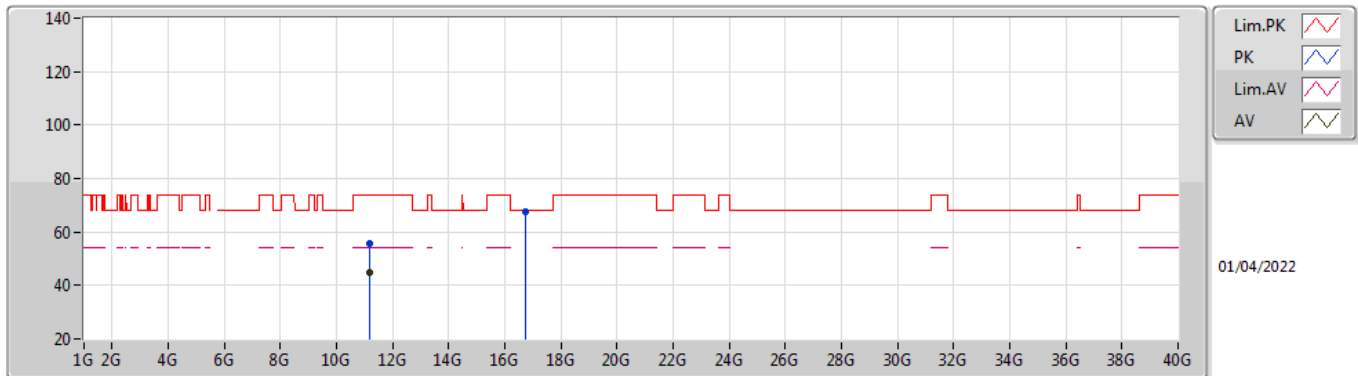
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4318G	46.59	54.00	-7.41	5.20	3	Horizontal	305	1.07	-	41.39	32.87	7.10	34.77
AV	5.5794G	111.85	Inf	-Inf	5.23	3	Horizontal	305	1.07	-	106.62	33.00	7.00	34.77
PK	5.4684G	57.16	68.20	-11.04	5.15	3	Horizontal	305	1.07	-	52.01	32.84	7.08	34.77
PK	5.5794G	119.68	Inf	-Inf	5.23	3	Horizontal	305	1.07	-	114.45	33.00	7.00	34.77
PK	5.7276G	58.18	68.20	-10.02	5.68	3	Horizontal	305	1.07	-	52.50	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

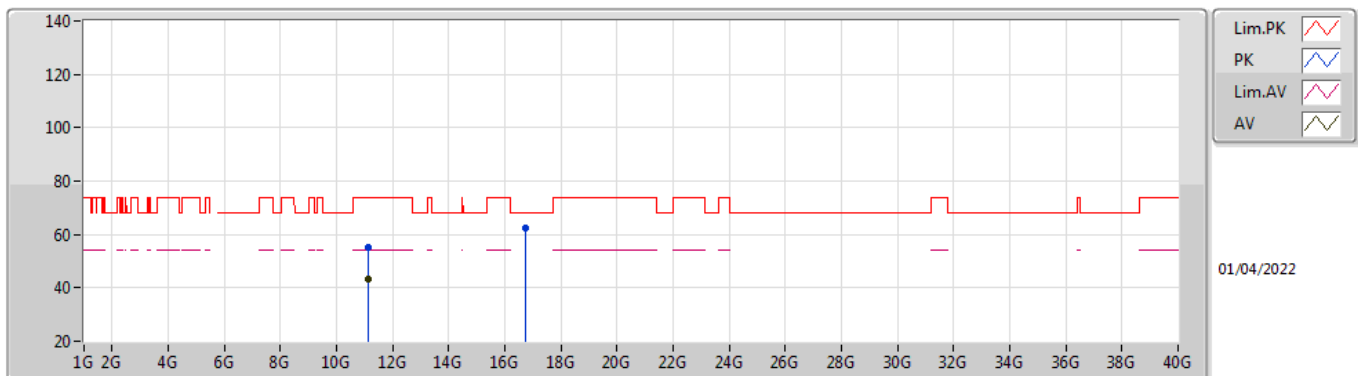
5580MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16135G	44.59	54.00	-9.41	13.21	3	Vertical	136	2.37	-	31.38	38.66	9.25	34.70
PK	11.1608G	55.83	74.00	-18.17	13.21	3	Vertical	136	2.37	-	42.62	38.66	9.25	34.70
PK	16.7401G	67.35	68.20	-0.85	16.49	3	Vertical	22	1.49	-	50.86	38.18	12.77	34.46

802.11a_Nss1,(6Mbps)_2TX

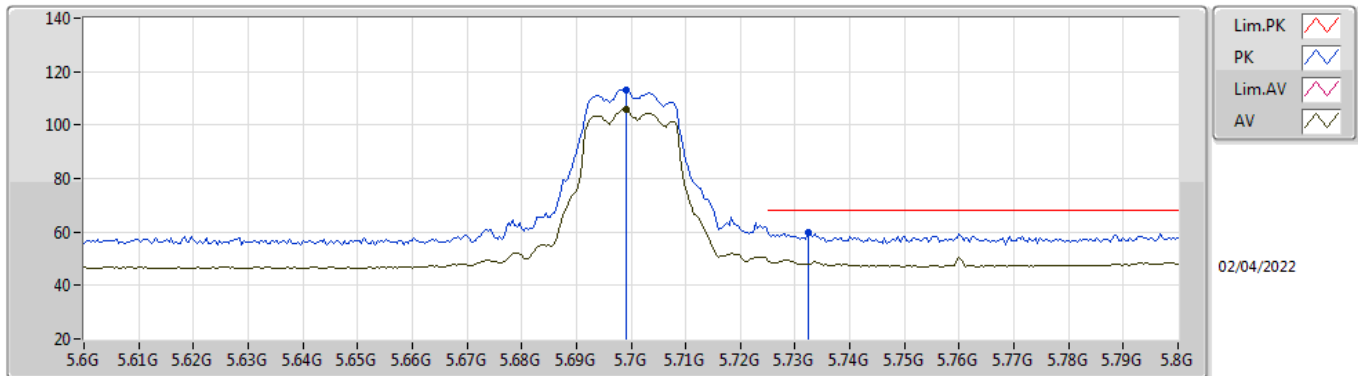
5580MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15005G	43.36	54.00	-10.64	13.20	3	Horizontal	164	2.33	-	30.16	38.65	9.25	34.70
PK	11.1552G	55.30	74.00	-18.70	13.21	3	Horizontal	164	2.33	-	42.09	38.66	9.25	34.70
PK	16.74005G	62.51	68.20	-5.69	16.49	3	Horizontal	346	1.50	-	46.02	38.18	12.77	34.46

802.11a_Nss1,(6Mbps)_2TX

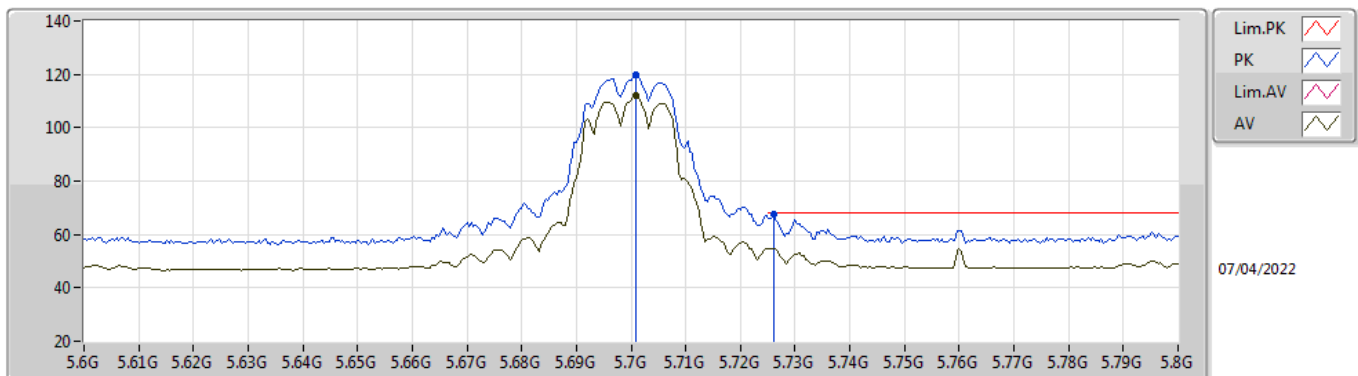
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6992G	105.82	Inf	-Inf	5.57	3	Vertical	342	2.86	-	100.25	33.39	6.95	34.77
PK	5.6992G	113.35	Inf	-Inf	5.57	3	Vertical	342	2.86	-	107.78	33.39	6.95	34.77
PK	5.7324G	59.71	68.20	-8.49	5.70	3	Vertical	342	2.86	-	54.01	33.53	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

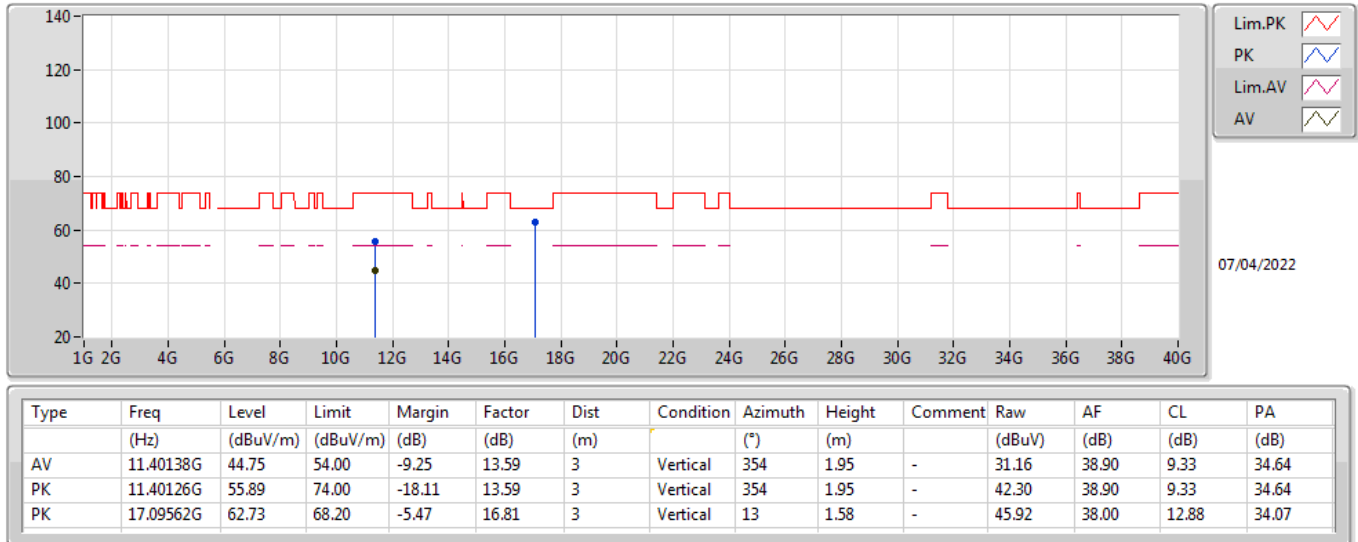
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7008G	112.25	Inf	-Inf	5.58	3	Horizontal	300	2.00	-	106.67	33.40	6.95	34.77
PK	5.7008G	119.93	Inf	-Inf	5.58	3	Horizontal	300	2.00	-	114.35	33.40	6.95	34.77
PK	5.726G	67.42	68.20	-0.78	5.67	3	Horizontal	300	2.00	-	61.75	33.50	6.94	34.77

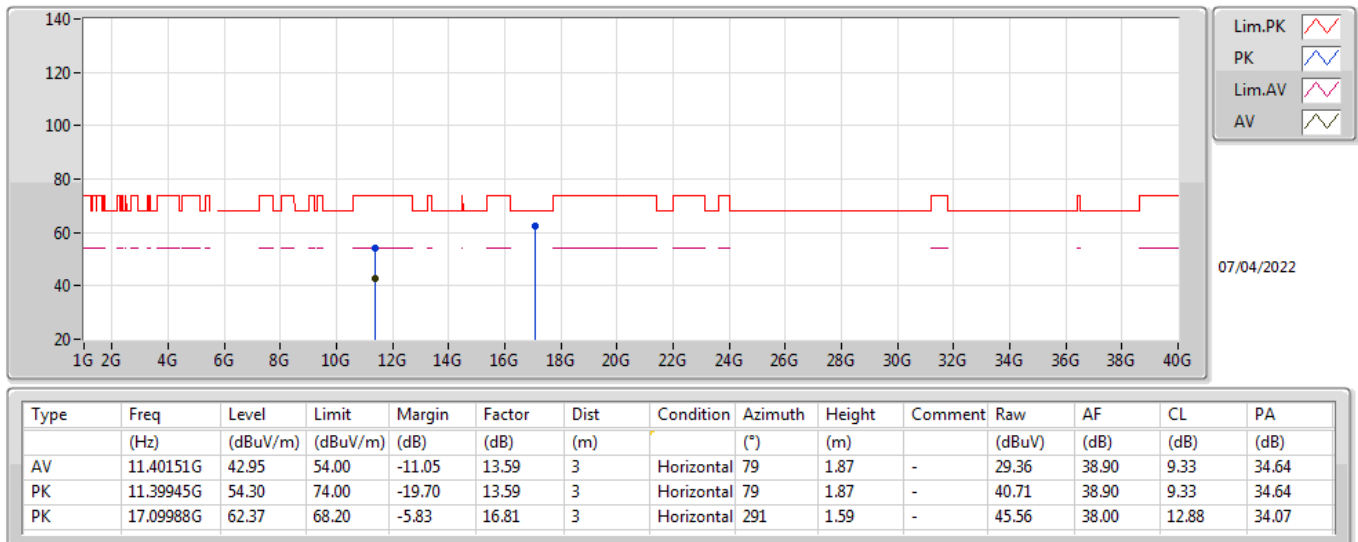
802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom



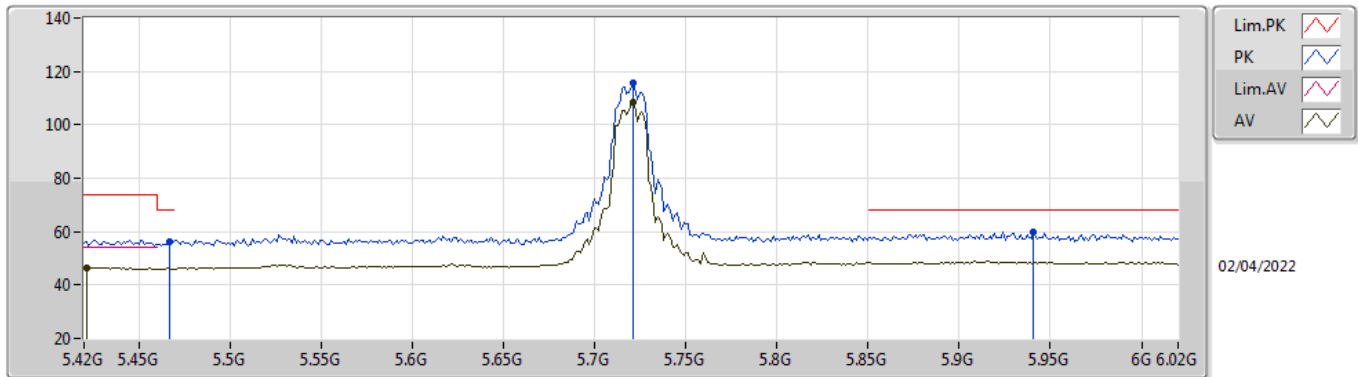
802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom



802.11a_Nss1,(6Mbps)_2TX

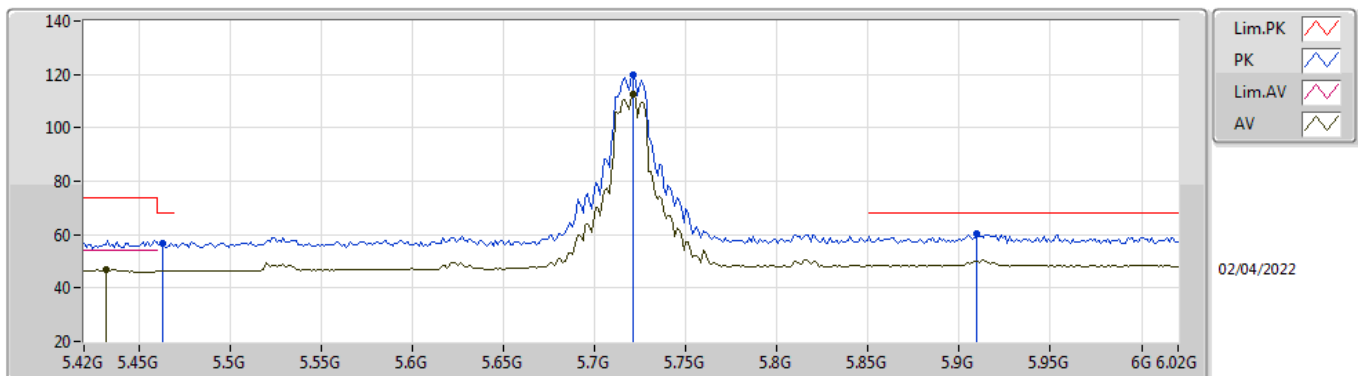
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4212G	46.35	54.00	-7.65	5.26	3	Vertical	19	2.97	-	41.09	32.92	7.11	34.77
AV	5.7212G	108.31	Inf	-Inf	5.65	3	Vertical	19	2.97	-	102.66	33.48	6.94	34.77
PK	5.4668G	56.18	68.20	-12.02	5.14	3	Vertical	19	2.97	-	51.04	32.83	7.08	34.77
PK	5.7212G	115.69	Inf	-Inf	5.65	3	Vertical	19	2.97	-	110.04	33.48	6.94	34.77
PK	5.9408G	59.93	68.20	-8.27	7.06	3	Vertical	19	2.97	-	52.87	34.30	7.53	34.77

802.11a_Nss1,(6Mbps)_2TX

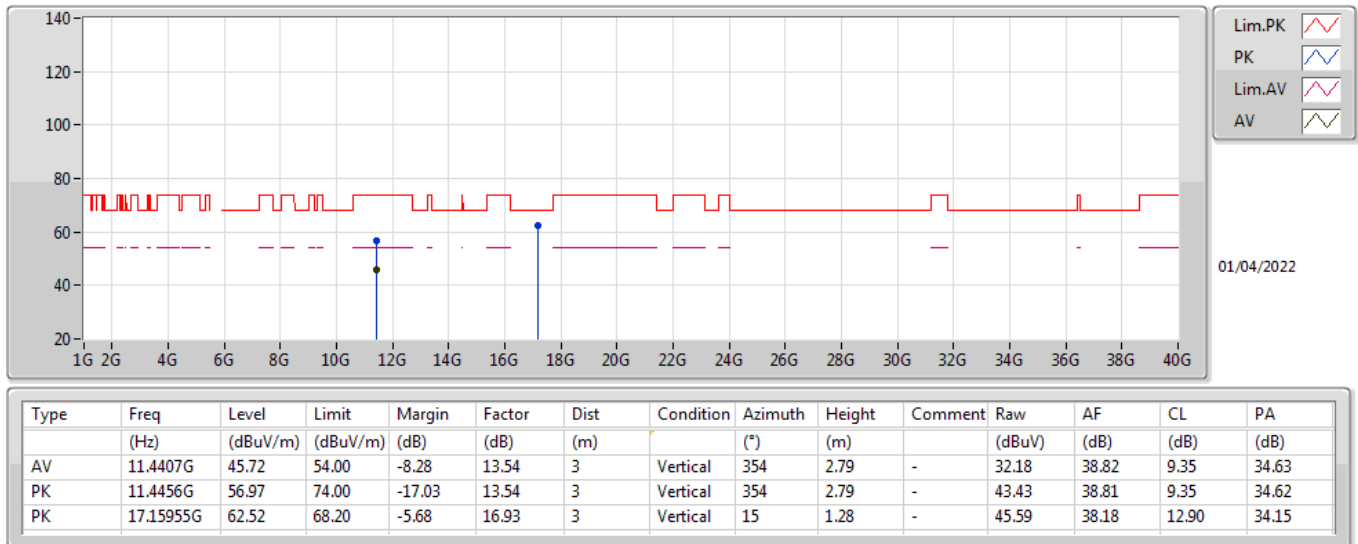
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.432G	47.01	54.00	-6.99	5.20	3	Horizontal	301	2.26	-	41.81	32.87	7.10	34.77
AV	5.7212G	112.66	Inf	-Inf	5.65	3	Horizontal	301	2.26	-	107.01	33.48	6.94	34.77
PK	5.4632G	56.96	68.20	-11.24	5.14	3	Horizontal	301	2.26	-	51.82	32.83	7.08	34.77
PK	5.7212G	119.96	Inf	-Inf	5.65	3	Horizontal	301	2.26	-	114.31	33.48	6.94	34.77
PK	5.9096G	60.11	68.20	-8.09	6.92	3	Horizontal	301	2.26	-	53.19	34.30	7.39	34.77

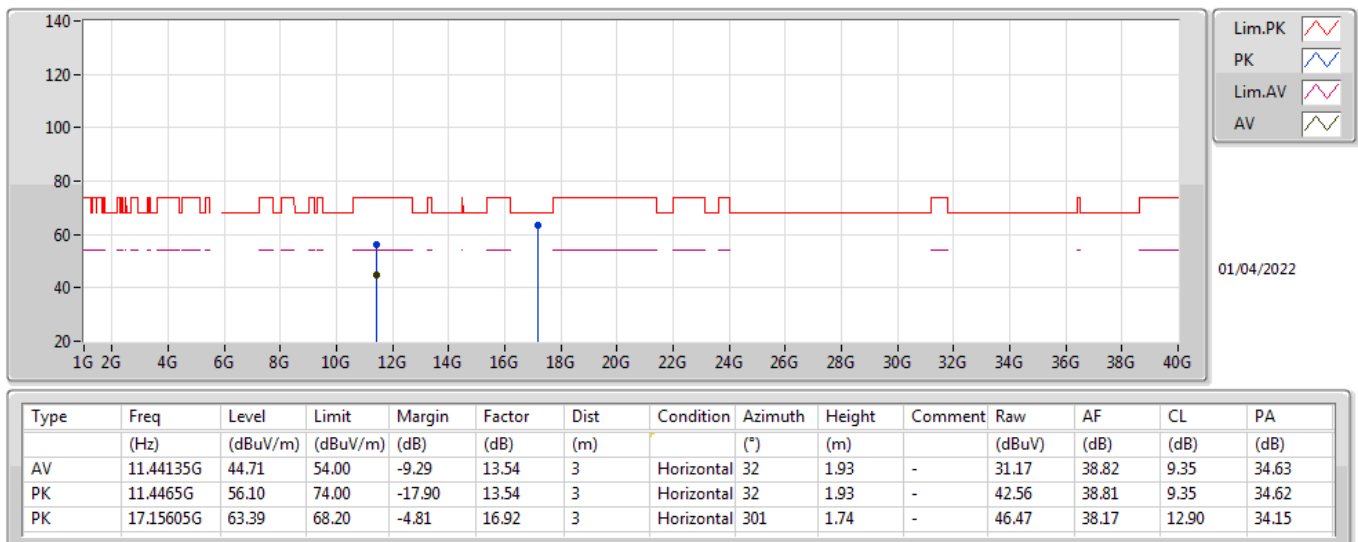
802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom



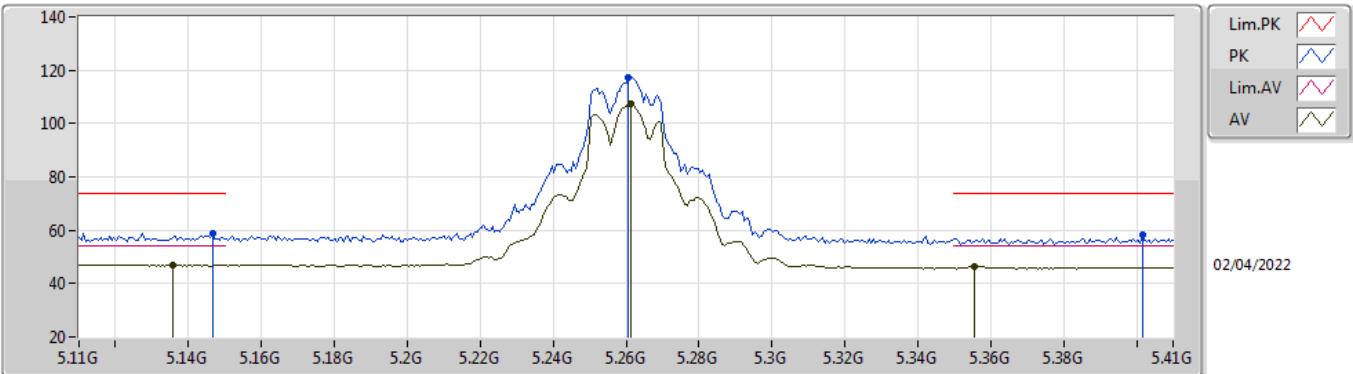
802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ax HEW20_Nss1,(MCS0)_2TX

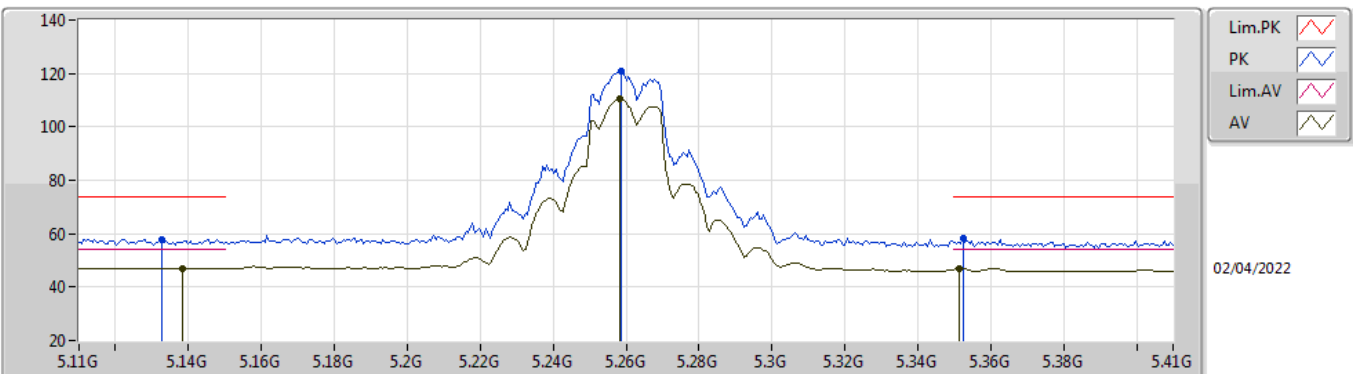
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1358G	46.99	54.00	-7.01	5.17	3	Vertical	360	2.91	-	41.82	33.07	6.86	34.76
AV	5.2612G	107.38	Inf	-Inf	5.25	3	Vertical	360	2.91	-	102.13	33.06	6.96	34.77
AV	5.3554G	46.21	54.00	-7.79	5.03	3	Vertical	360	2.91	-	41.18	32.73	7.07	34.77
PK	5.1466G	58.98	74.00	-15.02	5.20	3	Vertical	360	2.91	-	53.78	33.09	6.87	34.76
PK	5.2606G	117.22	Inf	-Inf	5.25	3	Vertical	360	2.91	-	111.97	33.06	6.96	34.77
PK	5.4016G	58.51	74.00	-15.49	5.34	3	Vertical	360	2.91	-	53.17	32.99	7.12	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

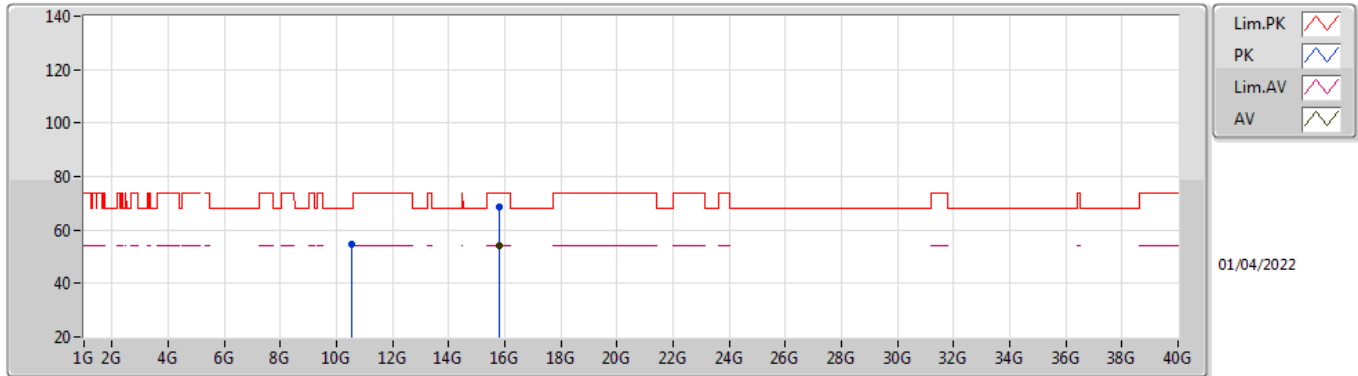
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1382G	47.10	54.00	-6.90	5.19	3	Horizontal	293	1.10	-	41.91	33.08	6.87	34.76
AV	5.2582G	110.38	Inf	-Inf	5.26	3	Horizontal	293	1.10	-	105.12	33.07	6.96	34.77
AV	5.3512G	46.97	54.00	-7.03	5.00	3	Horizontal	293	1.10	-	41.97	32.71	7.06	34.77
PK	5.1328G	57.89	74.00	-16.11	5.17	3	Horizontal	293	1.10	-	52.72	33.07	6.86	34.76
PK	5.2588G	121.07	Inf	-Inf	5.25	3	Horizontal	293	1.10	-	115.82	33.06	6.96	34.77
PK	5.3524G	58.13	74.00	-15.87	5.01	3	Horizontal	293	1.10	-	53.12	32.71	7.07	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

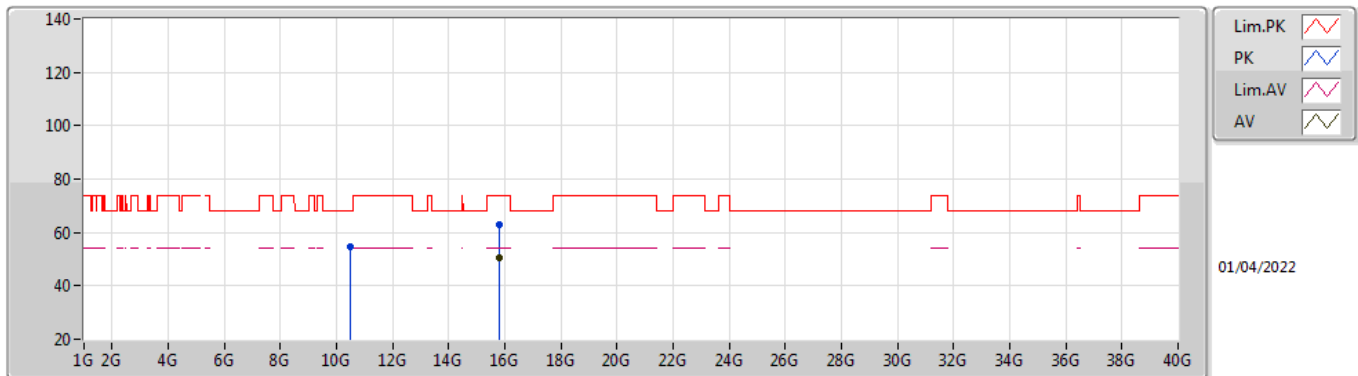
5260MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7794G	53.88	54.00	-0.12	15.30	3	Vertical	0	1.63	-	38.58	38.02	12.34	35.06
PK	10.5196G	54.41	68.20	-13.79	12.81	3	Vertical	2	1.50	-	41.60	38.66	9.04	34.89
PK	15.77955G	68.62	74.00	-5.38	15.30	3	Vertical	0	1.63	-	53.32	38.02	12.34	35.06

802.11ax HEW20_Nss1,(MCS0)_2TX

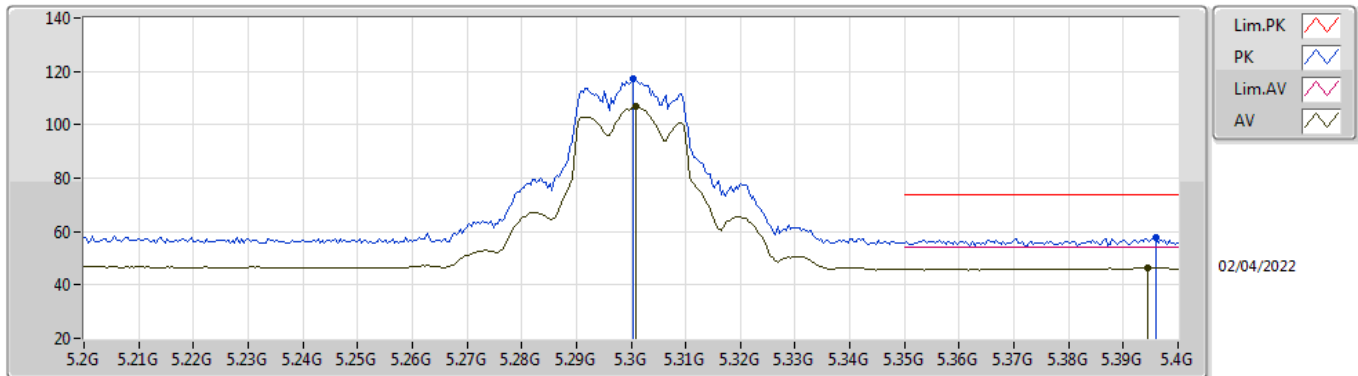
5260MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7799G	50.63	54.00	-3.37	15.30	3	Horizontal	336	2.76	-	35.33	38.02	12.34	35.06
PK	10.5112G	54.57	68.20	-13.63	12.77	3	Horizontal	259	1.48	-	41.80	38.63	9.04	34.90
PK	15.78855G	62.92	74.00	-11.08	15.29	3	Horizontal	336	2.76	-	47.63	38.01	12.35	35.07

802.11ax HEW20_Nss1,(MCS0)_2TX

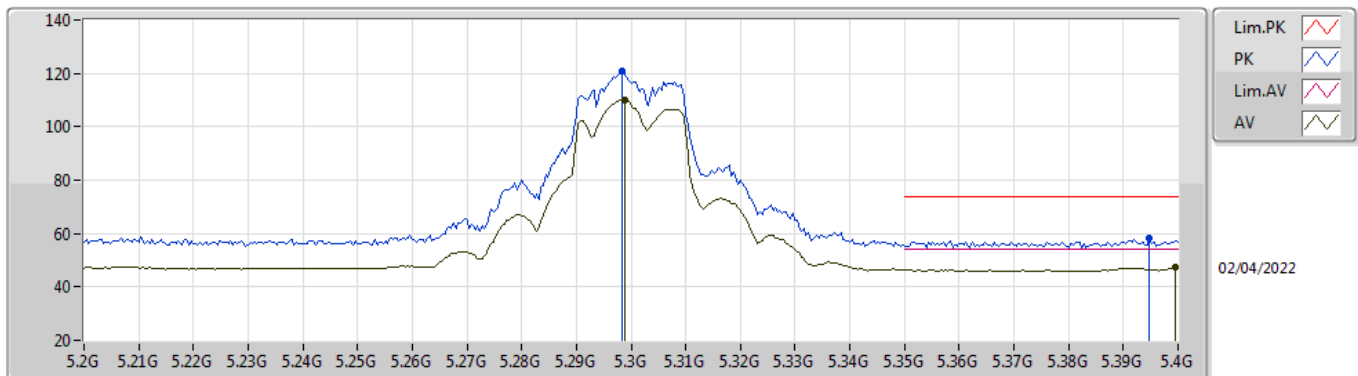
5300MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3008G	106.75	Inf	-Inf	5.14	3	Vertical	1	2.94	-	101.61	32.90	7.01	34.77
AV	5.3944G	46.61	54.00	-7.39	5.31	3	Vertical	1	2.94	-	41.30	32.97	7.11	34.77
PK	5.3004G	117.22	Inf	-Inf	5.14	3	Vertical	1	2.94	-	112.08	32.90	7.01	34.77
PK	5.396G	57.55	74.00	-16.45	5.33	3	Vertical	1	2.94	-	52.22	32.98	7.12	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

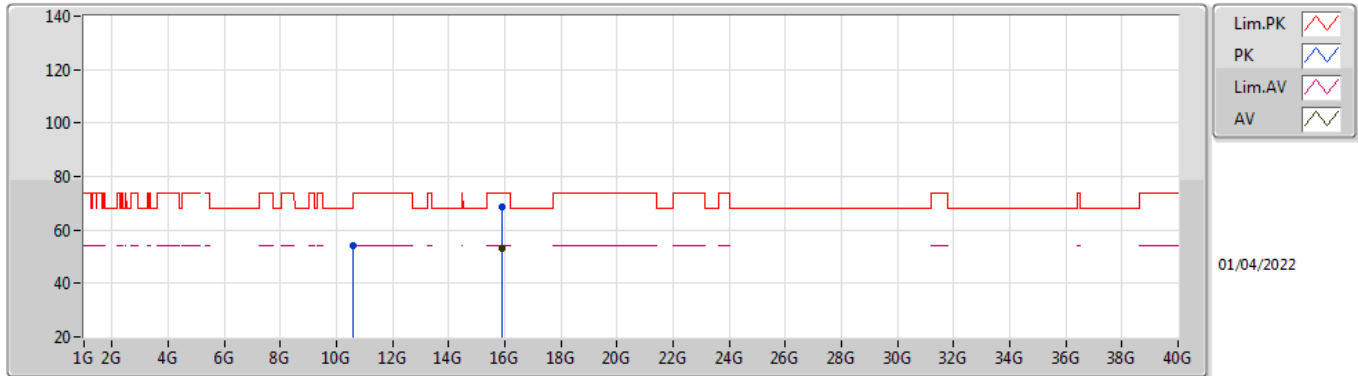
5300MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2988G	109.94	Inf	-Inf	5.13	3	Horizontal	290	1.11	-	104.81	32.90	7.00	34.77
AV	5.3996G	47.18	54.00	-6.82	5.35	3	Horizontal	290	1.11	-	41.83	33.00	7.12	34.77
PK	5.2984G	121.00	Inf	-Inf	5.14	3	Horizontal	290	1.11	-	115.86	32.91	7.00	34.77
PK	5.3948G	58.25	74.00	-15.75	5.31	3	Horizontal	290	1.11	-	52.94	32.97	7.11	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

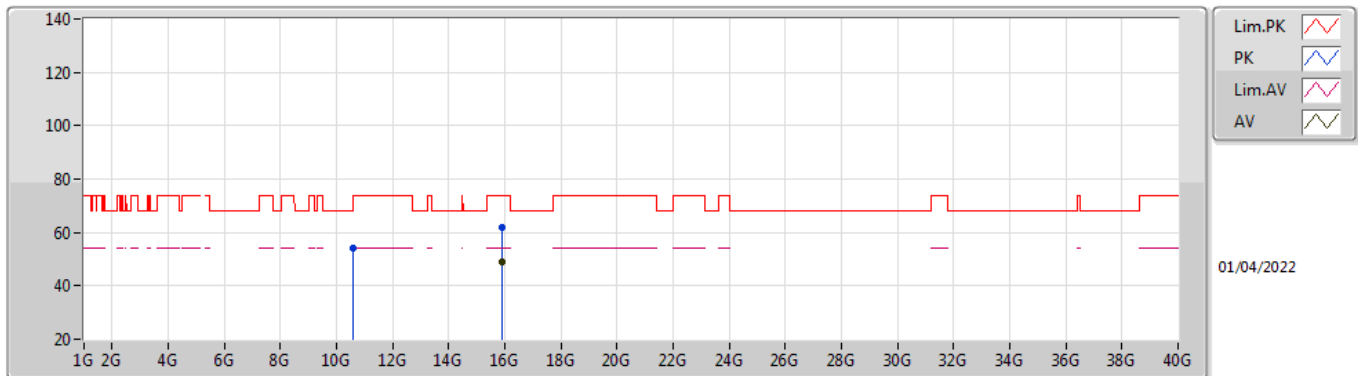
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9001G	53.14	54.00	-0.86	14.93	3	Vertical	358	1.76	-	38.21	37.60	12.46	35.13
PK	10.5994G	54.24	68.20	-13.96	13.10	3	Vertical	314	1.74	-	41.14	38.90	9.07	34.87
PK	15.90005G	68.51	74.00	-5.49	14.93	3	Vertical	358	1.76	-	53.58	37.60	12.46	35.13

802.11ax HEW20_Nss1,(MCS0)_2TX

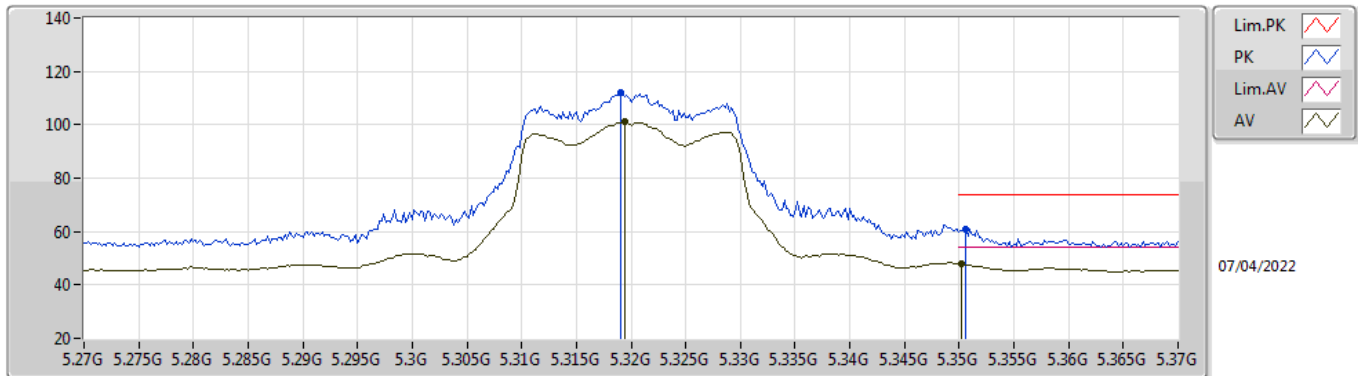
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9008G	49.06	54.00	-4.94	14.93	3	Horizontal	24	1.81	-	34.13	37.60	12.46	35.13
PK	10.59935G	54.26	68.20	-13.94	13.10	3	Horizontal	299	1.50	-	41.16	38.90	9.07	34.87
PK	15.9005G	61.69	74.00	-12.31	14.93	3	Horizontal	24	1.81	-	46.76	37.60	12.46	35.13

802.11ax HEW20_Nss1,(MCS0)_2TX

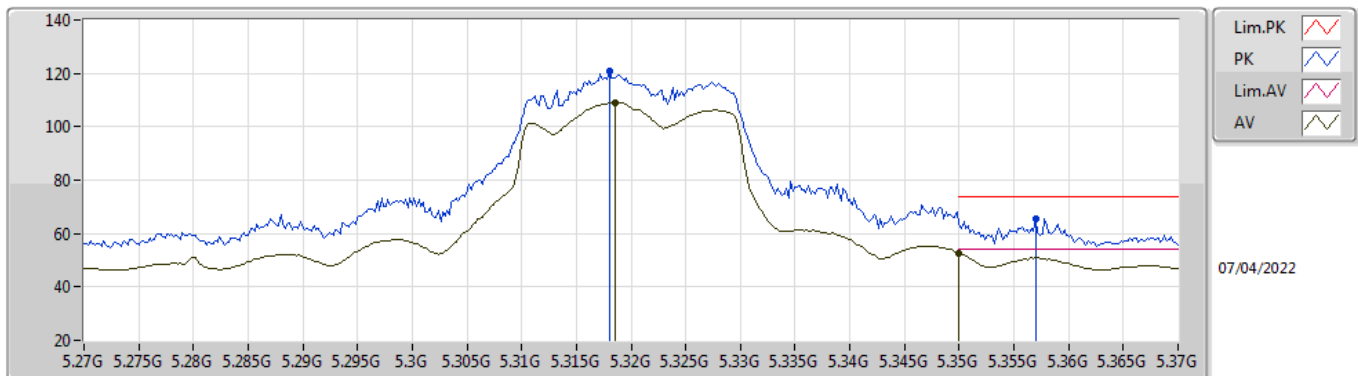
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3194G	100.98	Inf	-Inf	5.08	3	Vertical	127	1.24	-	95.90	32.82	7.03	34.77
AV	5.3502G	47.92	54.00	-6.08	4.99	3	Vertical	127	1.24	-	42.93	32.70	7.06	34.77
PK	5.319G	112.01	Inf	-Inf	5.08	3	Vertical	127	1.24	-	106.93	32.82	7.03	34.77
PK	5.3506G	60.79	74.00	-13.21	4.99	3	Vertical	127	1.24	-	55.80	32.70	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

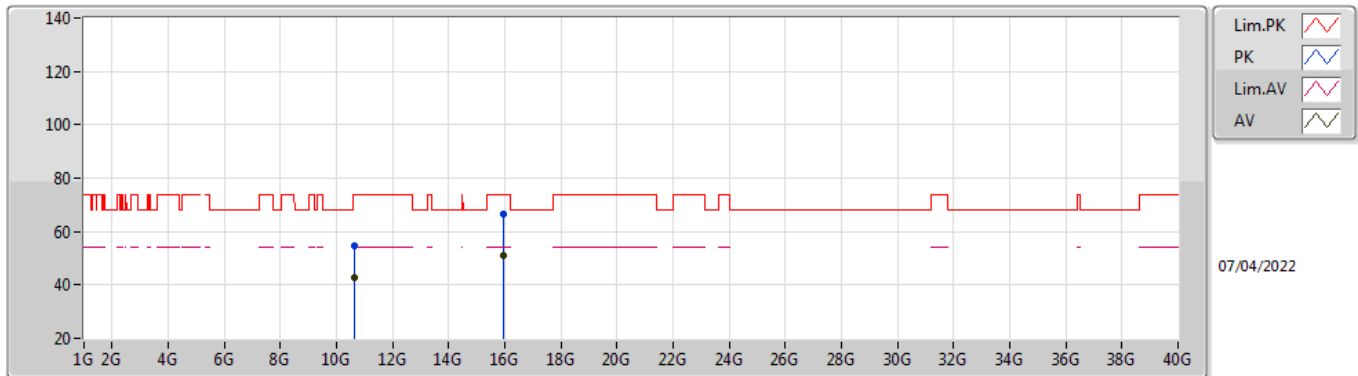
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3186G	108.92	Inf	-Inf	5.09	3	Horizontal	298	1.14	-	103.83	32.83	7.03	34.77
AV	5.35G	52.49	54.00	-1.51	4.99	3	Horizontal	298	1.14	-	47.50	32.70	7.06	34.77
PK	5.318G	120.74	Inf	-Inf	5.09	3	Horizontal	298	1.14	-	115.65	32.83	7.03	34.77
PK	5.357G	65.47	74.00	-8.53	5.04	3	Horizontal	298	1.14	-	60.43	32.74	7.07	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

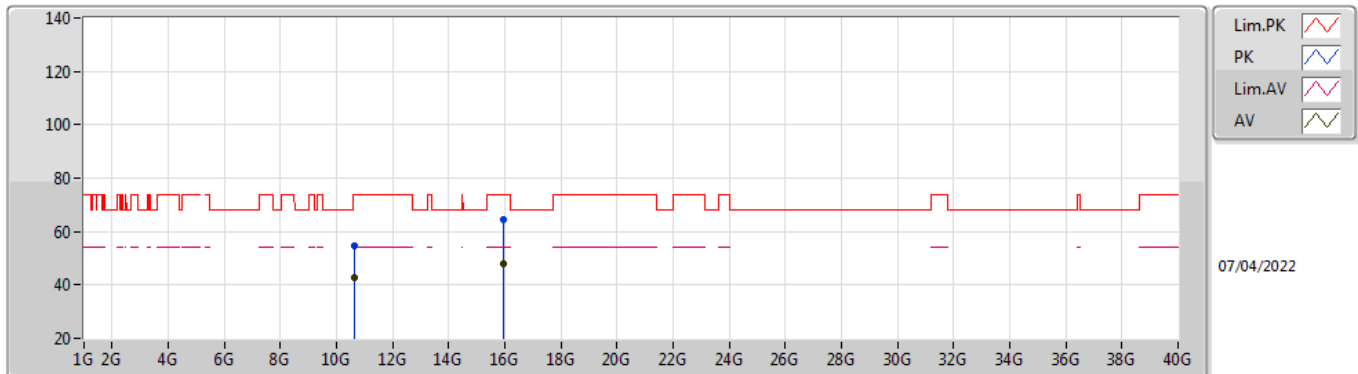
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6415G	42.77	54.00	-11.23	13.21	3	Vertical	87	1.12	-	29.56	38.98	9.08	34.85
AV	15.96032G	51.09	54.00	-2.91	14.95	3	Vertical	45	1.59	-	36.14	37.60	12.52	35.17
PK	10.6443G	54.72	74.00	-19.28	13.22	3	Vertical	87	1.12	-	41.50	38.99	9.08	34.85
PK	15.96056G	66.77	74.00	-7.23	14.95	3	Vertical	45	1.59	-	51.82	37.60	12.52	35.17

802.11ax HEW20_Nss1,(MCS0)_2TX

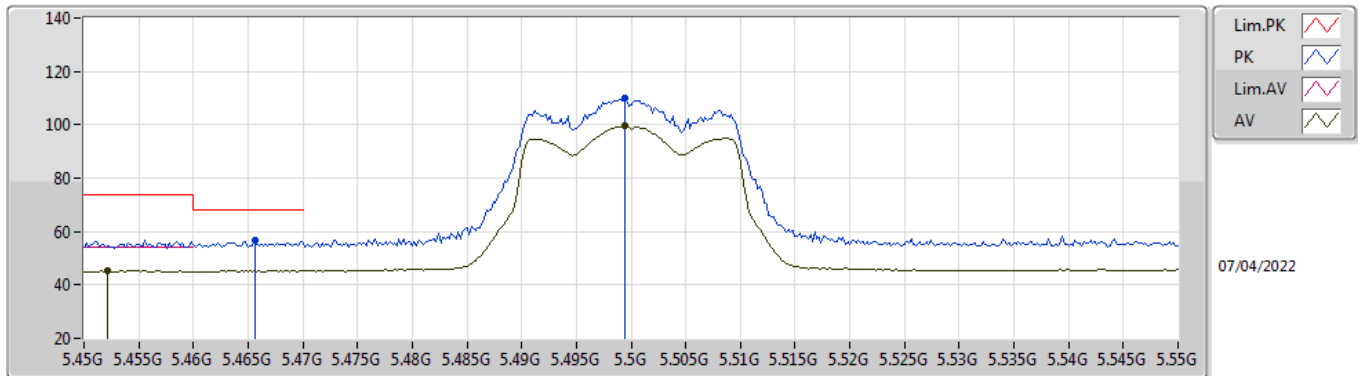
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64404G	42.62	54.00	-11.38	13.22	3	Horizontal	199	1.42	-	29.40	38.99	9.08	34.85
AV	15.9604G	48.13	54.00	-5.87	14.95	3	Horizontal	2	1.90	-	33.18	37.60	12.52	35.17
PK	10.6418G	54.41	74.00	-19.59	13.21	3	Horizontal	199	1.42	-	41.20	38.98	9.08	34.85
PK	15.96096G	64.31	74.00	-9.69	14.95	3	Horizontal	2	1.90	-	49.36	37.60	12.52	35.17

802.11ax HEW20_Nss1,(MCS0)_2TX

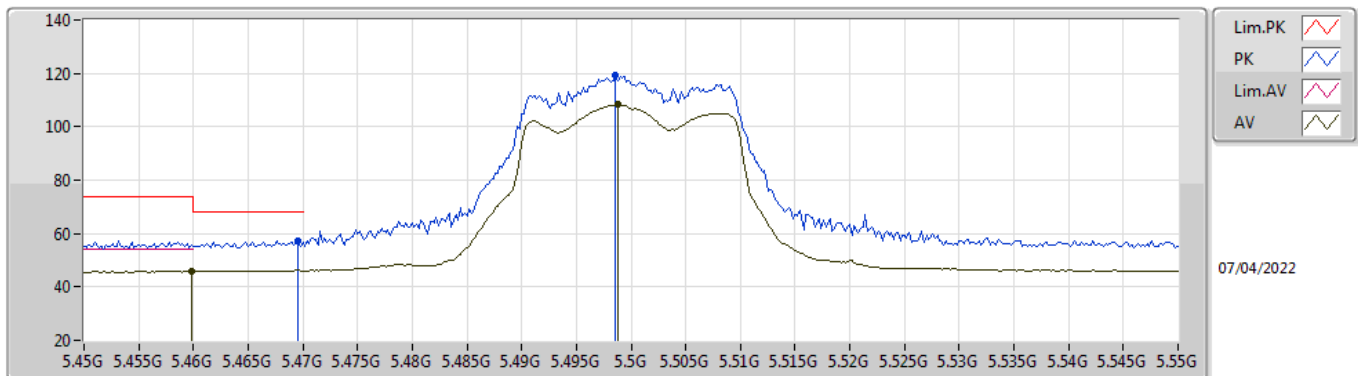
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4522G	45.16	54.00	-8.84	5.12	3	Vertical	302	1.38	-	40.04	32.80	7.09	34.77
AV	5.4994G	99.45	Inf	-Inf	5.19	3	Vertical	302	1.38	-	94.26	32.90	7.06	34.77
PK	5.4656G	56.58	68.20	-11.62	5.14	3	Vertical	302	1.38	-	51.44	32.83	7.08	34.77
PK	5.4994G	109.83	Inf	-Inf	5.19	3	Vertical	302	1.38	-	104.64	32.90	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

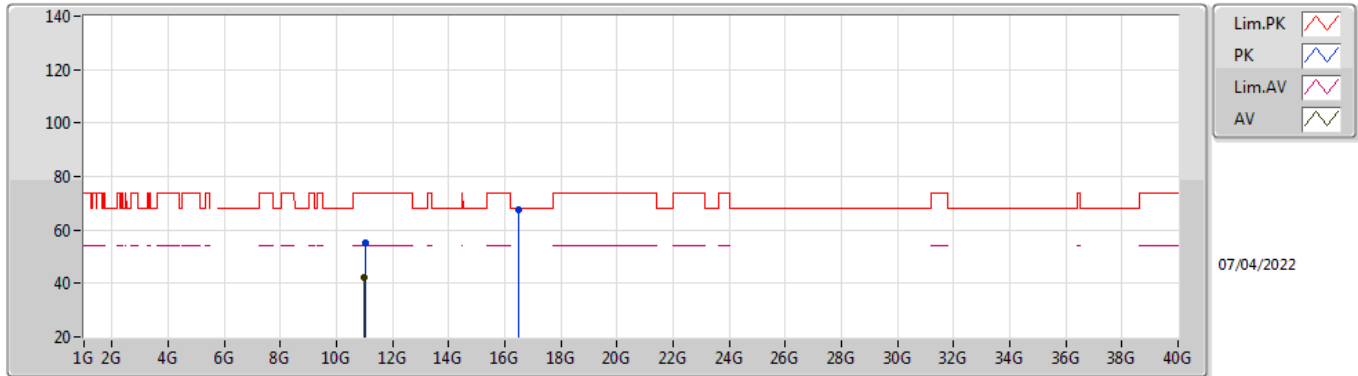
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4598G	45.96	54.00	-8.04	5.13	3	Horizontal	304	1.01	-	40.83	32.82	7.08	34.77
AV	5.4988G	108.21	Inf	-Inf	5.19	3	Horizontal	304	1.01	-	103.02	32.90	7.06	34.77
PK	5.4696G	57.49	68.20	-10.71	5.14	3	Horizontal	304	1.01	-	52.35	32.84	7.07	34.77
PK	5.4986G	119.33	Inf	-Inf	5.19	3	Horizontal	304	1.01	-	114.14	32.90	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

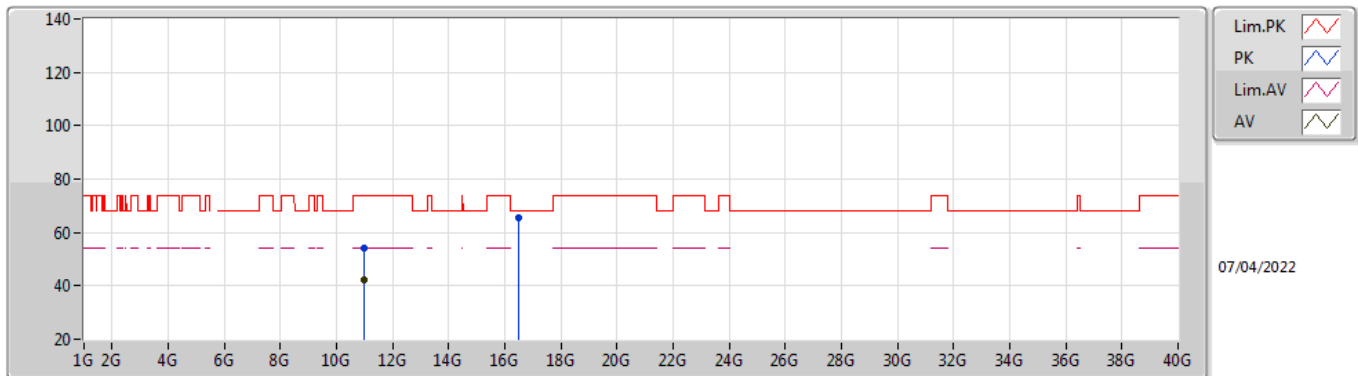
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.98554G	42.49	54.00	-11.51	13.19	3	Vertical	3	2.43	-	29.30	38.73	9.20	34.74
PK	11.0132G	55.09	74.00	-18.91	13.15	3	Vertical	3	2.43	-	41.94	38.69	9.20	34.74
PK	16.50012G	67.78	68.20	-0.42	16.47	3	Vertical	21	1.73	-	51.31	38.70	12.71	34.94

802.11ax HEW20_Nss1,(MCS0)_2TX

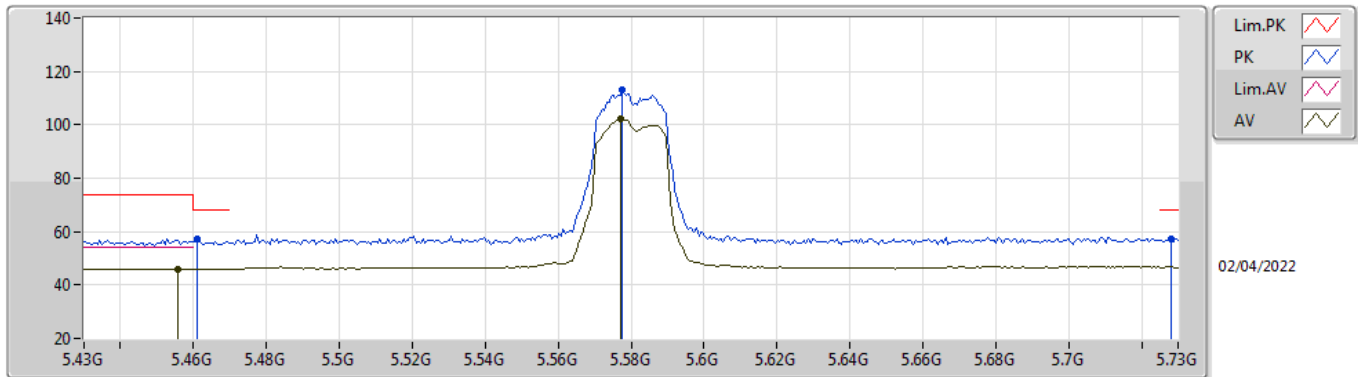
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00678G	42.49	54.00	-11.51	13.15	3	Horizontal	311	1.50	-	29.34	38.69	9.20	34.74
PK	10.98884G	54.37	74.00	-19.63	13.18	3	Horizontal	311	1.50	-	41.19	38.72	9.20	34.74
PK	16.50054G	65.31	68.20	-2.89	16.47	3	Horizontal	237	1.96	-	48.84	38.70	12.71	34.94

802.11ax HEW20_Nss1,(MCS0)_2TX

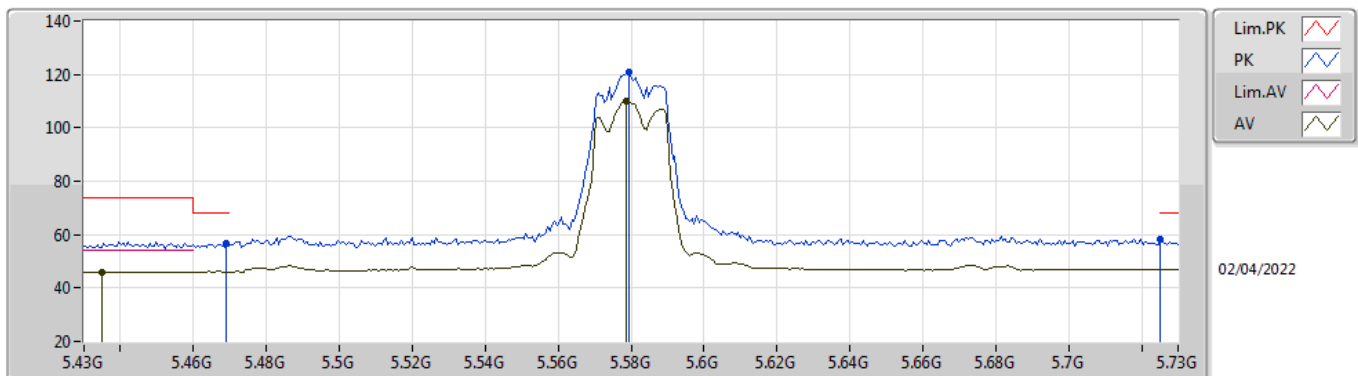
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4558G	45.92	54.00	-8.08	5.12	3	Vertical	63	1.00	-	40.80	32.81	7.08	34.77
AV	5.577G	102.14	Inf	-Inf	5.23	3	Vertical	63	1.00	-	96.91	33.00	7.00	34.77
PK	5.4612G	57.21	68.20	-10.99	5.13	3	Vertical	63	1.00	-	52.08	32.82	7.08	34.77
PK	5.5776G	112.91	Inf	-Inf	5.23	3	Vertical	63	1.00	-	107.68	33.00	7.00	34.77
PK	5.7282G	57.13	68.20	-11.07	5.68	3	Vertical	63	1.00	-	51.45	33.51	6.94	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

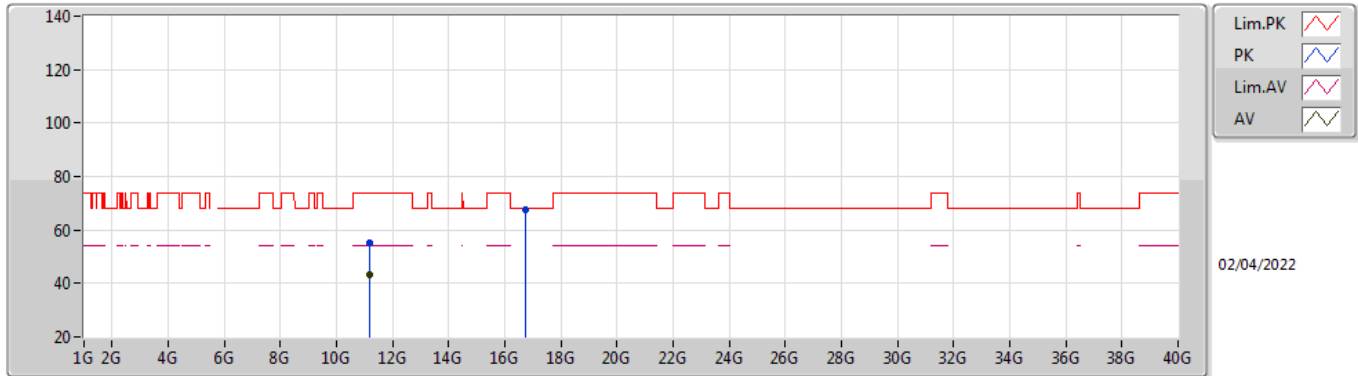
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4348G	46.10	54.00	-7.90	5.19	3	Horizontal	307	1.20	-	40.91	32.86	7.10	34.77
AV	5.5788G	110.23	Inf	-Inf	5.23	3	Horizontal	307	1.20	-	105.00	33.00	7.00	34.77
PK	5.469G	56.55	68.20	-11.65	5.15	3	Horizontal	307	1.20	-	51.40	32.84	7.08	34.77
PK	5.5794G	120.83	Inf	-Inf	5.23	3	Horizontal	307	1.20	-	115.60	33.00	7.00	34.77
PK	5.7252G	58.29	68.20	-9.91	5.67	3	Horizontal	307	1.20	-	52.62	33.50	6.94	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

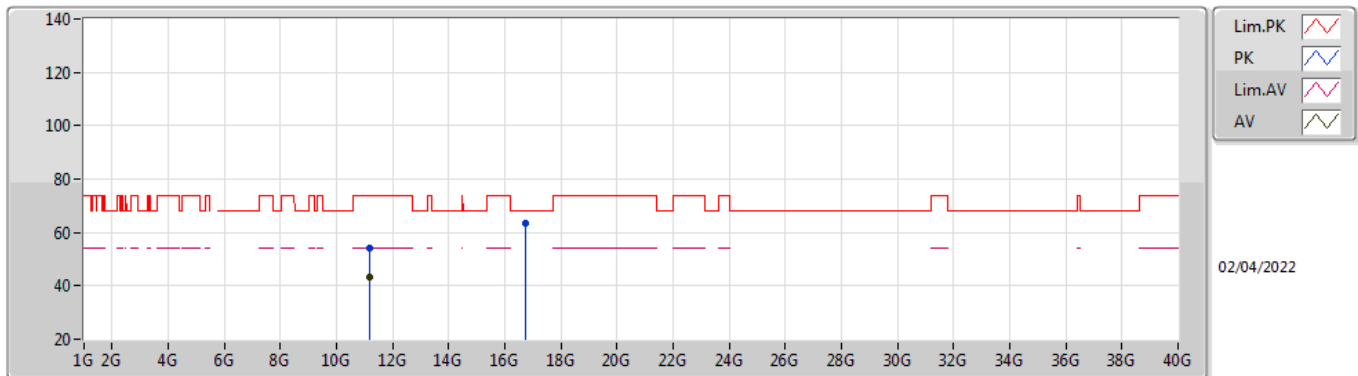
5580MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16195G	43.52	54.00	-10.48	13.21	3	Vertical	132	2.42	-	30.31	38.66	9.25	34.70
PK	11.16265G	55.40	74.00	-18.60	13.21	3	Vertical	132	2.42	-	42.19	38.66	9.25	34.70
PK	16.74G	67.48	68.20	-0.72	16.49	3	Vertical	27	1.82	-	50.99	38.18	12.77	34.46

802.11ax HEW20_Nss1,(MCS0)_2TX

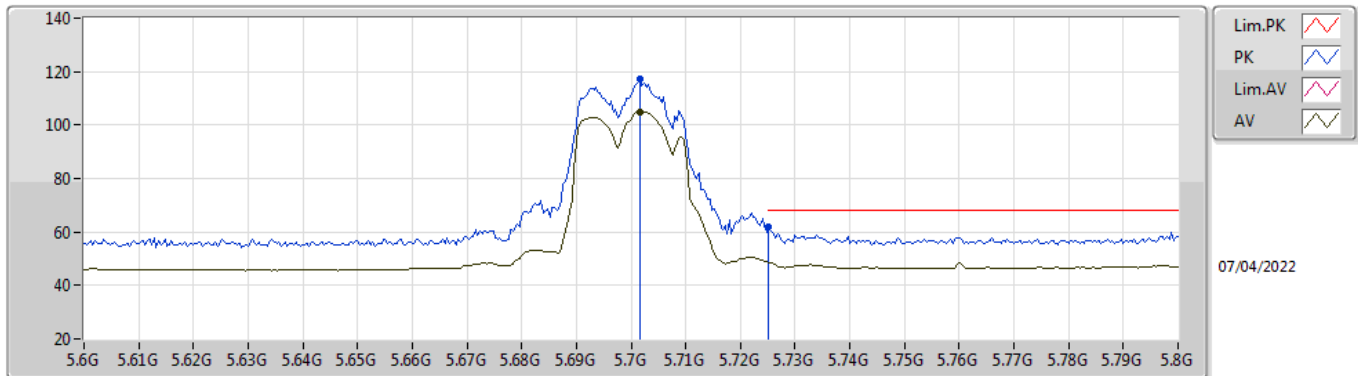
5580MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.1618G	43.15	54.00	-10.85	13.21	3	Horizontal	139	1.28	-	29.94	38.66	9.25	34.70
PK	11.16345G	54.25	74.00	-19.75	13.21	3	Horizontal	139	1.28	-	41.04	38.66	9.25	34.70
PK	16.74095G	63.31	68.20	-4.89	16.49	3	Horizontal	346	1.03	-	46.82	38.18	12.77	34.46

802.11ax HEW20_Nss1,(MCS0)_2TX

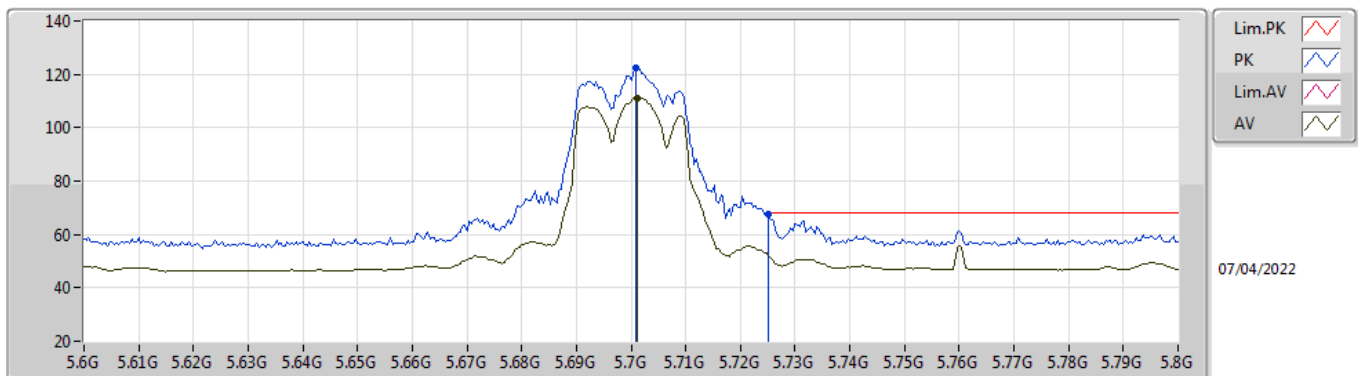
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7016G	105.04	Inf	-Inf	5.59	3	Vertical	350	2.02	-	99.45	33.41	6.95	34.77
PK	5.7016G	117.15	Inf	-Inf	5.59	3	Vertical	350	2.02	-	111.56	33.41	6.95	34.77
PK	5.7252G	61.96	68.20	-6.24	5.67	3	Vertical	350	2.02	-	56.29	33.50	6.94	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

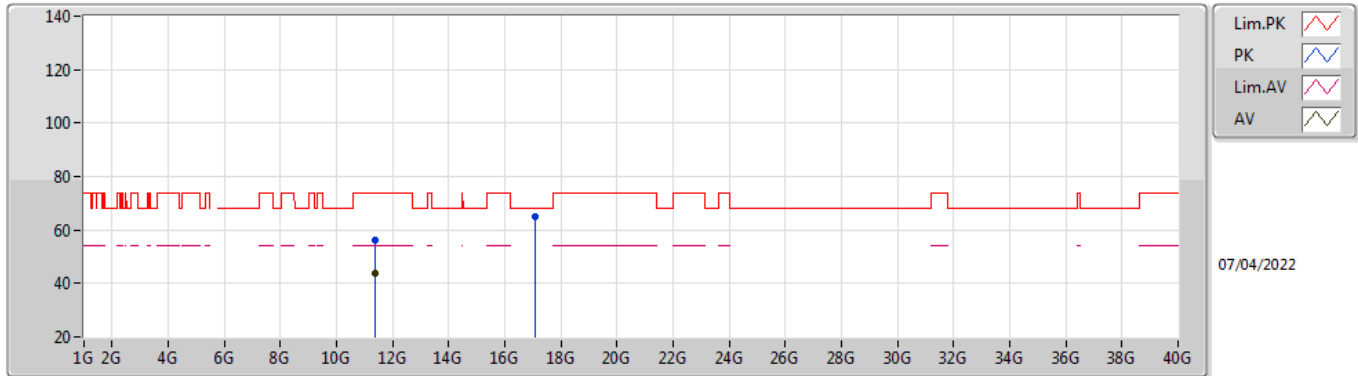
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7012G	111.15	Inf	-Inf	5.58	3	Horizontal	305	2.17	-	105.57	33.40	6.95	34.77
PK	5.7008G	122.37	Inf	-Inf	5.58	3	Horizontal	305	2.17	-	116.79	33.40	6.95	34.77
PK	5.7252G	67.43	68.20	-0.77	5.67	3	Horizontal	305	2.17	-	61.76	33.50	6.94	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

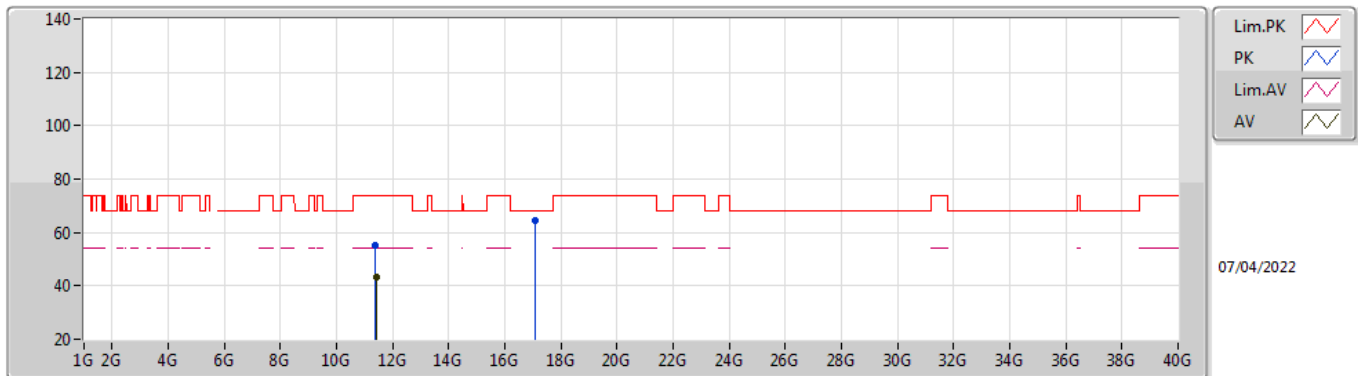
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4016G	43.79	54.00	-10.21	13.59	3	Vertical	21	2.80	-	30.20	38.90	9.33	34.64
PK	11.40001G	56.15	74.00	-17.85	13.59	3	Vertical	21	2.80	-	42.56	38.90	9.33	34.64
PK	17.10044G	64.79	68.20	-3.41	16.81	3	Vertical	12	1.58	-	47.98	38.00	12.88	34.07

802.11ax HEW20_Nss1,(MCS0)_2TX

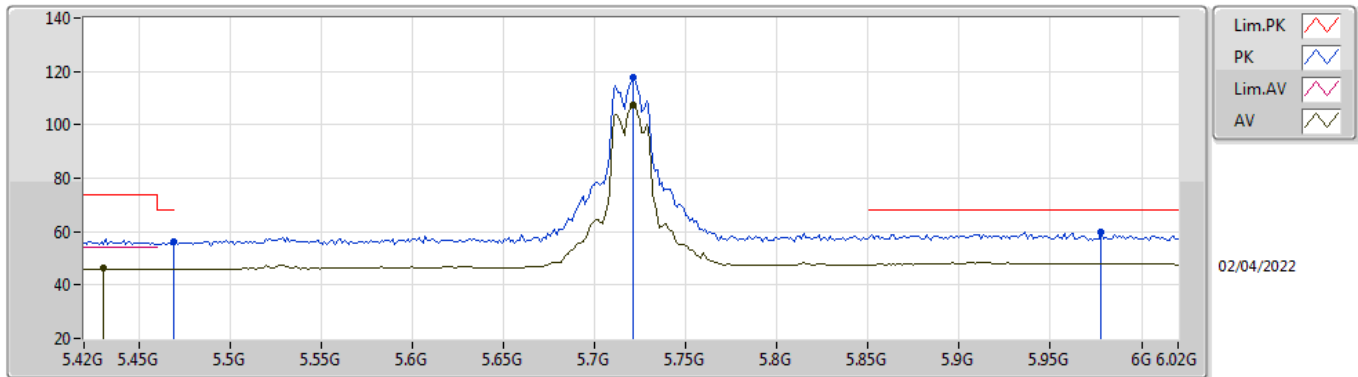
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40177G	43.46	54.00	-10.54	13.59	3	Horizontal	23	2.96	-	29.87	38.90	9.33	34.64
PK	11.40039G	55.23	74.00	-18.77	13.59	3	Horizontal	23	2.96	-	41.64	38.90	9.33	34.64
PK	17.10137G	64.36	68.20	-3.84	16.80	3	Horizontal	22	1.86	-	47.56	38.00	12.88	34.08

802.11ax HEW20_Nss1,(MCS0)_2TX

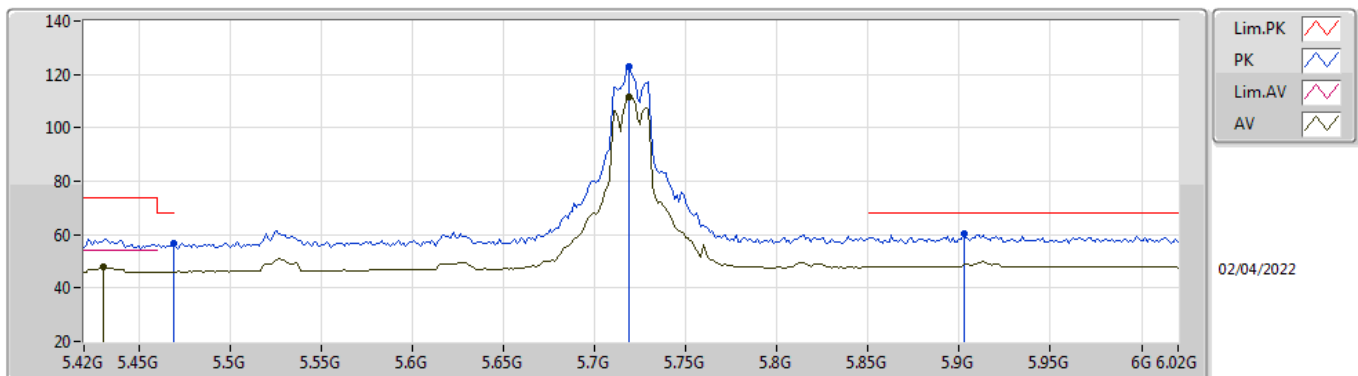
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4308G	46.17	54.00	-7.83	5.21	3	Vertical	18	2.98	-	40.96	32.88	7.10	34.77
AV	5.7212G	107.46	Inf	-Inf	5.65	3	Vertical	18	2.98	-	101.81	33.48	6.94	34.77
PK	5.4692G	56.11	68.20	-12.09	5.15	3	Vertical	18	2.98	-	50.96	32.84	7.08	34.77
PK	5.7212G	117.55	Inf	-Inf	5.65	3	Vertical	18	2.98	-	111.90	33.48	6.94	34.77
PK	5.978G	59.92	68.20	-8.28	7.16	3	Vertical	18	2.98	-	52.76	34.24	7.69	34.77

802.11ax HEW20_Nss1,(MCS0)_2TX

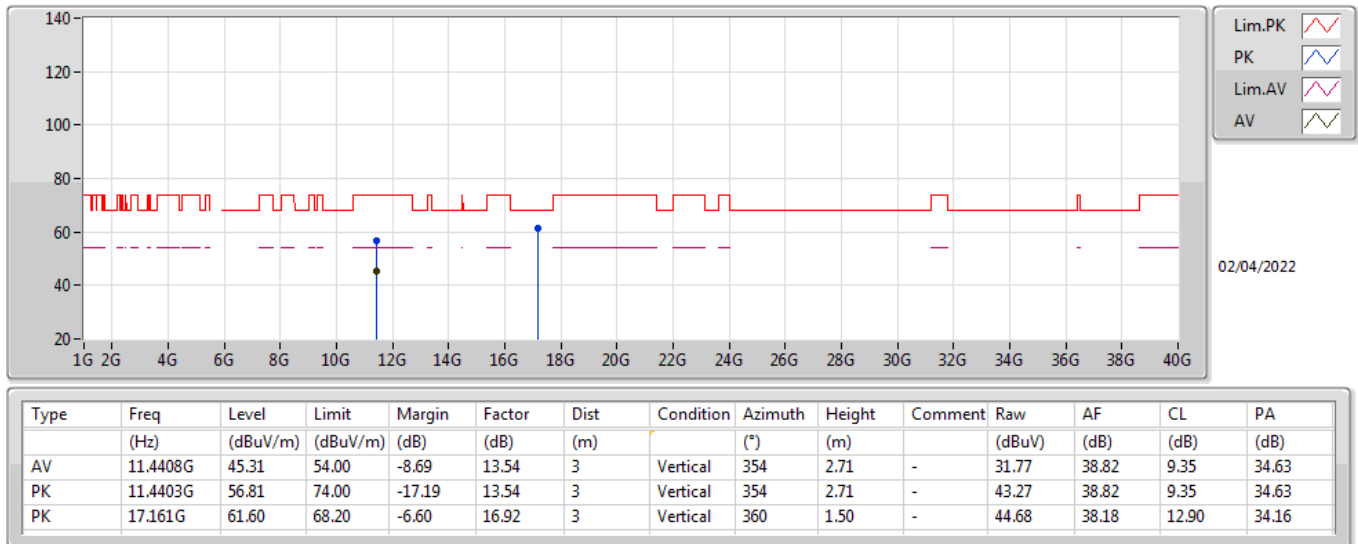
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4308G	47.80	54.00	-6.20	5.21	3	Horizontal	305	1.00	-	42.59	32.88	7.10	34.77
AV	5.7188G	111.73	Inf	-Inf	5.65	3	Horizontal	305	1.00	-	106.08	33.48	6.94	34.77
PK	5.4692G	56.81	68.20	-11.39	5.15	3	Horizontal	305	1.00	-	51.66	32.84	7.08	34.77
PK	5.7188G	122.89	Inf	-Inf	5.65	3	Horizontal	305	1.00	-	117.24	33.48	6.94	34.77
PK	5.9024G	60.26	68.20	-7.94	6.89	3	Horizontal	305	1.00	-	53.37	34.30	7.36	34.77

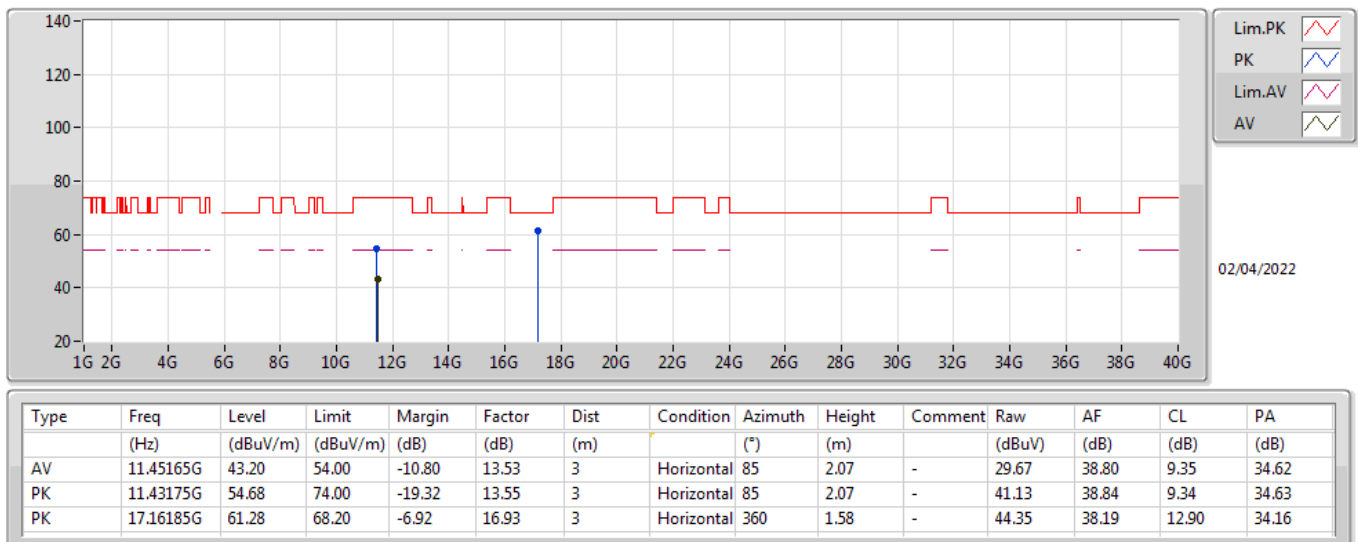
802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom



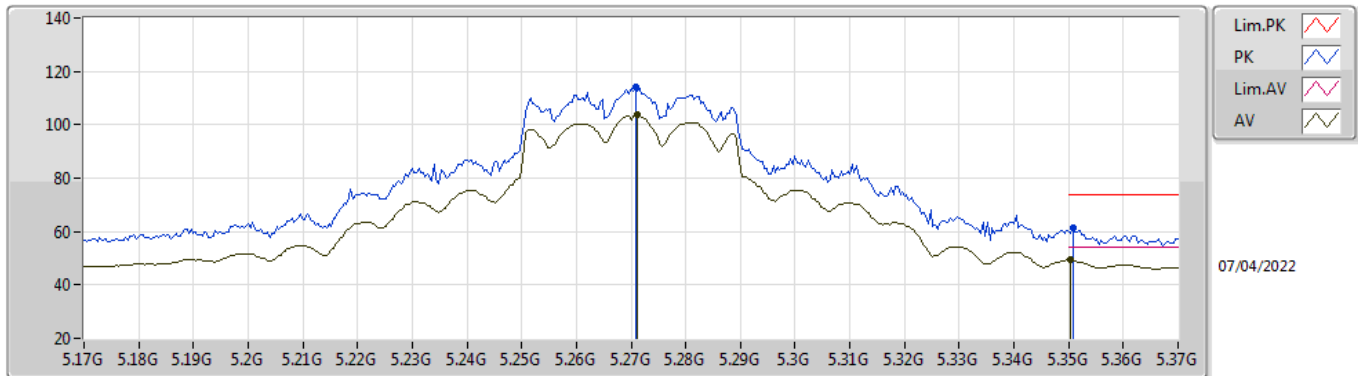
802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ax HEW40_Nss1,(MCS0)_2TX

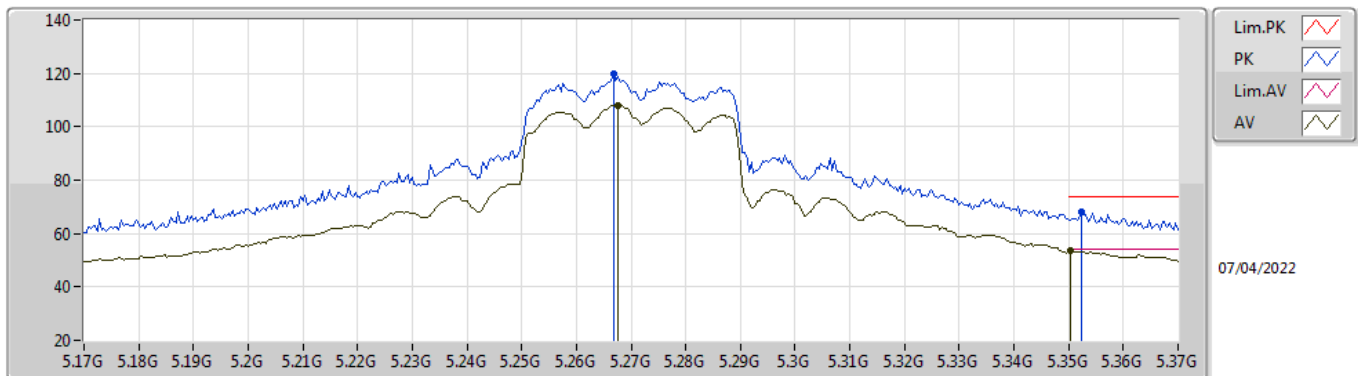
5270MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2712G	103.82	Inf	-Inf	5.22	3	Vertical	1	2.78	-	98.60	33.02	6.97	34.77
AV	5.3504G	49.39	54.00	-4.61	4.99	3	Vertical	1	2.78	-	44.40	32.70	7.06	34.77
PK	5.2708G	114.14	Inf	-Inf	5.22	3	Vertical	1	2.78	-	108.92	33.02	6.97	34.77
PK	5.3508G	61.18	74.00	-12.82	4.99	3	Vertical	1	2.78	-	56.19	32.70	7.06	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

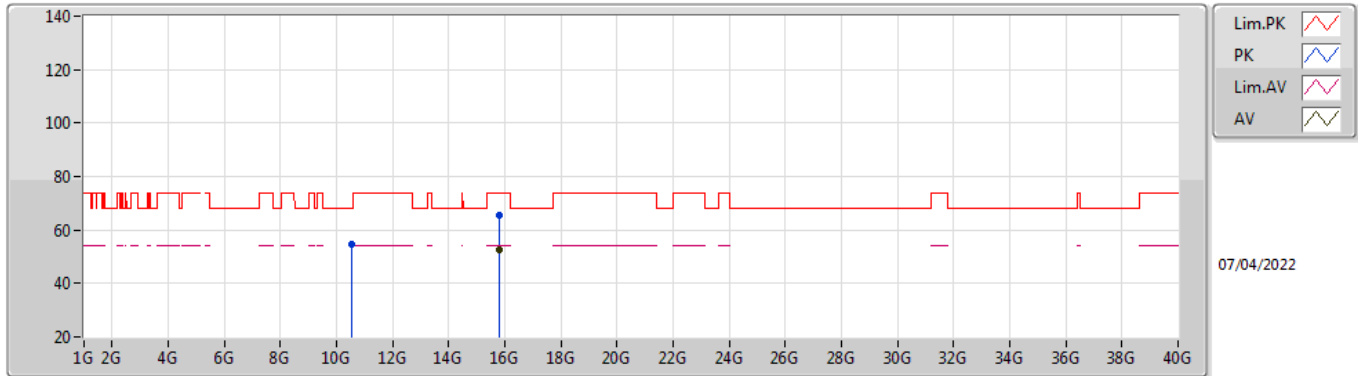
5270MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2676G	108.11	Inf	-Inf	5.23	3	Horizontal	304	1.03	-	102.88	33.03	6.97	34.77
AV	5.3504G	53.42	54.00	-0.58	4.99	3	Horizontal	304	1.03	-	48.43	32.70	7.06	34.77
PK	5.2668G	119.58	Inf	-Inf	5.23	3	Horizontal	304	1.03	-	114.35	33.03	6.97	34.77
PK	5.3524G	68.32	74.00	-5.68	5.01	3	Horizontal	304	1.03	-	63.31	32.71	7.07	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

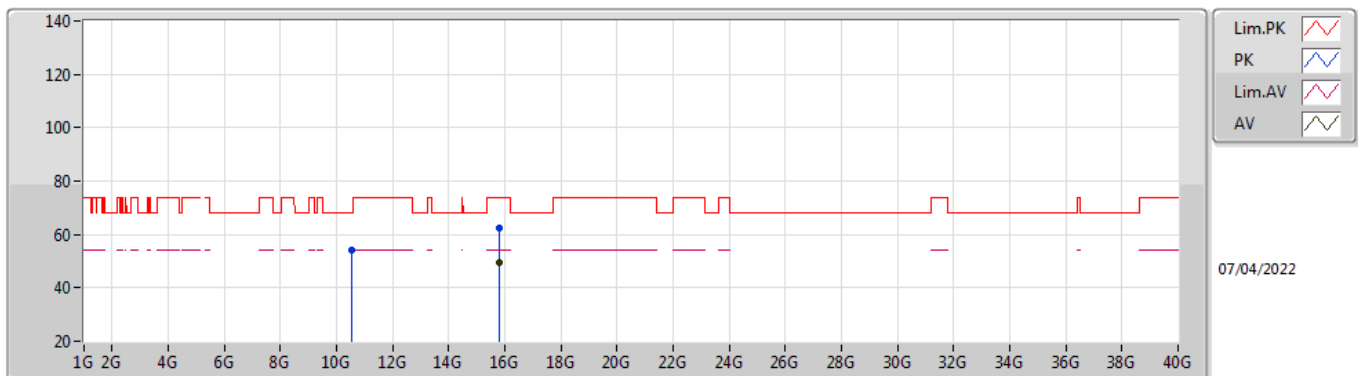
5270MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8097G	52.61	54.00	-1.39	15.25	3	Vertical	355	1.68	-	37.36	37.96	12.37	35.08
PK	10.54247G	54.57	68.20	-13.63	12.89	3	Vertical	3	1.50	-	41.68	38.73	9.05	34.89
PK	15.81048G	65.54	74.00	-8.46	15.25	3	Vertical	355	1.68	-	50.29	37.96	12.37	35.08

802.11ax HEW40_Nss1,(MCS0)_2TX

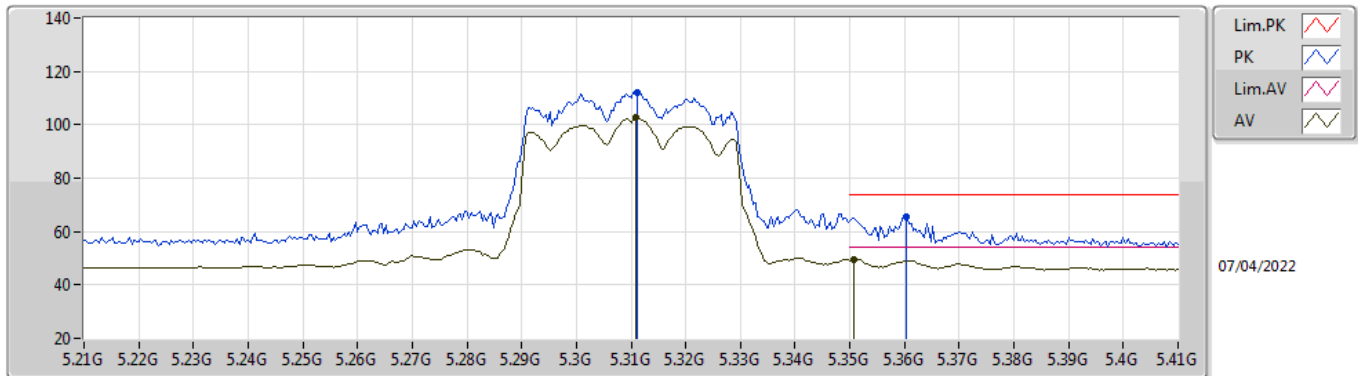
5270MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.80995G	49.65	54.00	-4.35	15.25	3	Horizontal	333	1.92	-	34.40	37.96	12.37	35.08
PK	10.54143G	54.37	68.20	-13.83	12.88	3	Horizontal	315	1.50	-	41.49	38.72	9.05	34.89
PK	15.80903G	62.20	74.00	-11.80	15.25	3	Horizontal	333	1.92	-	46.95	37.96	12.37	35.08

802.11ax HEW40_Nss1,(MCS0)_2TX

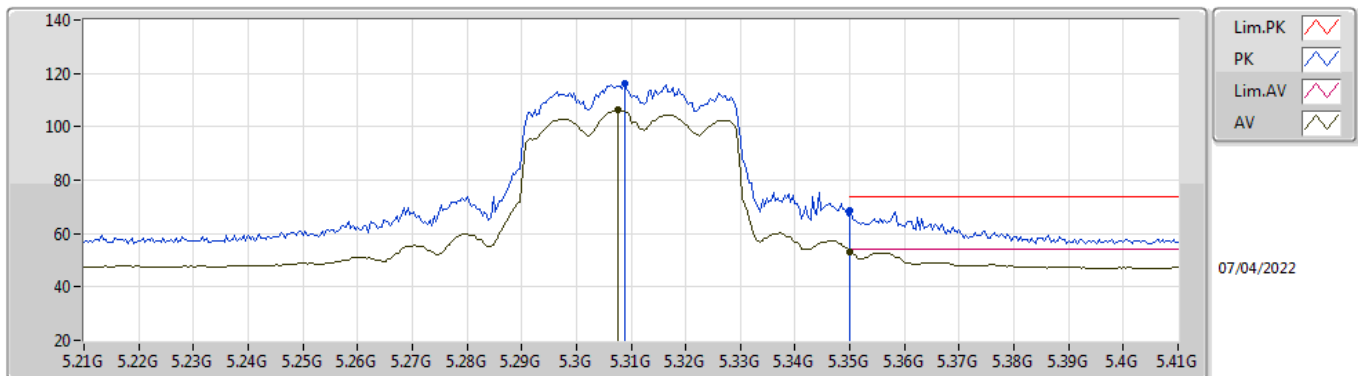
5310MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3108G	102.66	Inf	-Inf	5.11	3	Vertical	2	3.00	-	97.55	32.86	7.02	34.77
AV	5.3508G	49.48	54.00	-4.52	4.99	3	Vertical	2	3.00	-	44.49	32.70	7.06	34.77
PK	5.3112G	112.24	Inf	-Inf	5.11	3	Vertical	2	3.00	-	107.13	32.86	7.02	34.77
PK	5.3604G	65.67	74.00	-8.33	5.06	3	Vertical	2	3.00	-	60.61	32.76	7.07	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

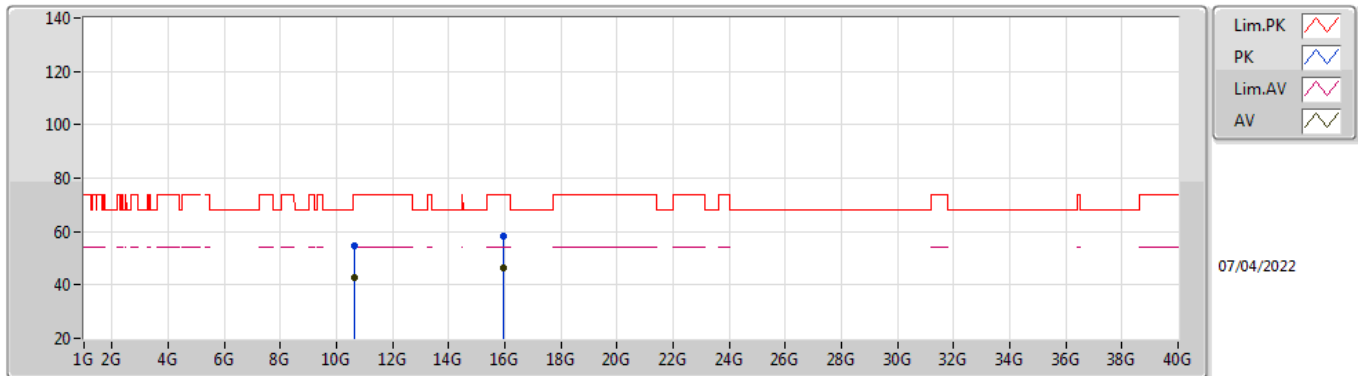
5310MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3076G	106.30	Inf	-Inf	5.11	3	Horizontal	303	1.03	-	101.19	32.87	7.01	34.77
AV	5.35G	53.28	54.00	-0.72	4.99	3	Horizontal	303	1.03	-	48.29	32.70	7.06	34.77
PK	5.3088G	115.99	Inf	-Inf	5.11	3	Horizontal	303	1.03	-	110.88	32.86	7.02	34.77
PK	5.35G	68.53	74.00	-5.47	4.99	3	Horizontal	303	1.03	-	63.54	32.70	7.06	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

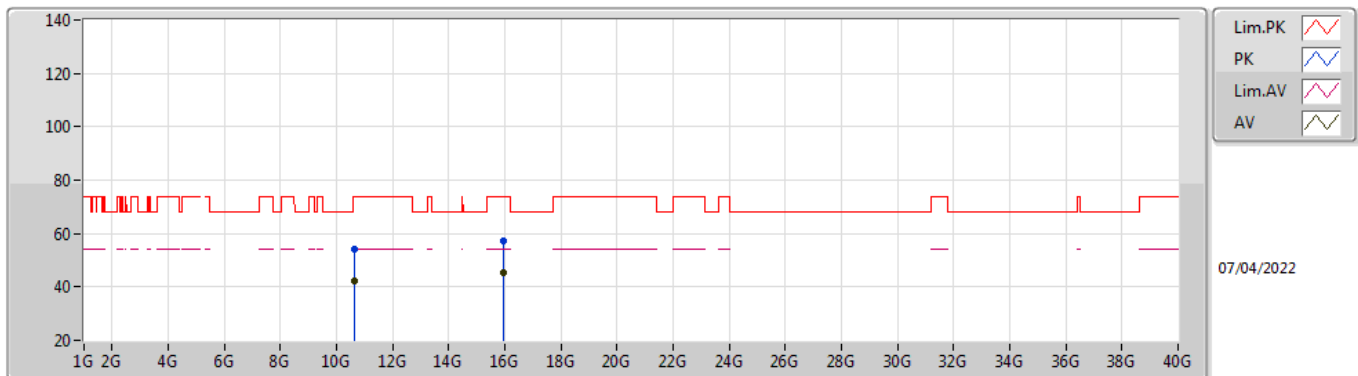
5310MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.62003G	42.77	54.00	-11.23	13.15	3	Vertical	0	2.72	-	29.62	38.94	9.07	34.86
AV	15.93035G	46.33	54.00	-7.67	14.94	3	Vertical	18	1.58	-	31.39	37.60	12.49	35.15
PK	10.61877G	54.81	74.00	-19.19	13.15	3	Vertical	0	2.72	-	41.66	38.94	9.07	34.86
PK	15.93116G	58.23	74.00	-15.77	14.94	3	Vertical	18	1.58	-	43.29	37.60	12.49	35.15

802.11ax HEW40_Nss1,(MCS0)_2TX

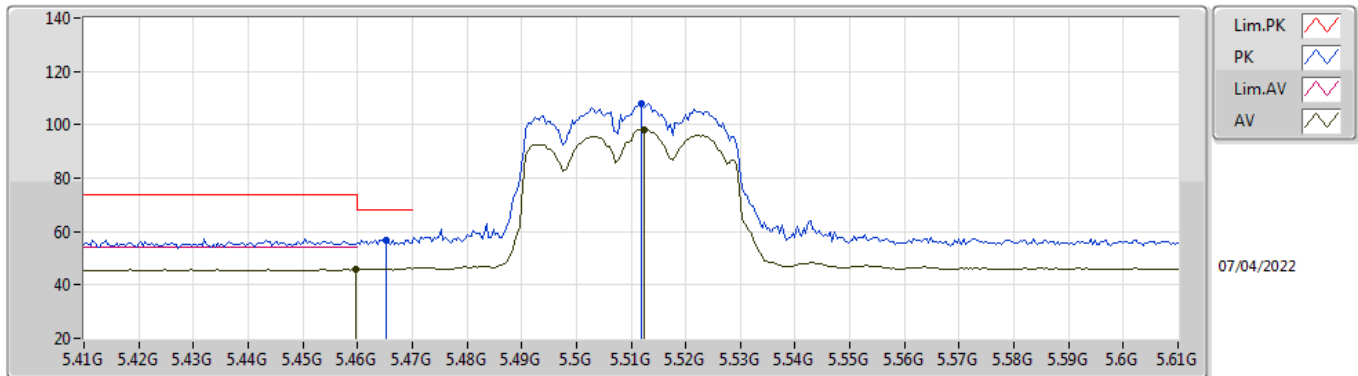
5310MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61793G	42.49	54.00	-11.51	13.15	3	Horizontal	293	2.38	-	29.34	38.94	9.07	34.86
AV	15.92945G	45.34	54.00	-8.66	14.94	3	Horizontal	23	1.77	-	30.40	37.60	12.49	35.15
PK	10.622G	54.35	74.00	-19.65	13.16	3	Horizontal	293	2.38	-	41.19	38.94	9.08	34.86
PK	15.93145G	57.01	74.00	-16.99	14.94	3	Horizontal	23	1.77	-	42.07	37.60	12.49	35.15

802.11ax HEW40_Nss1,(MCS0)_2TX

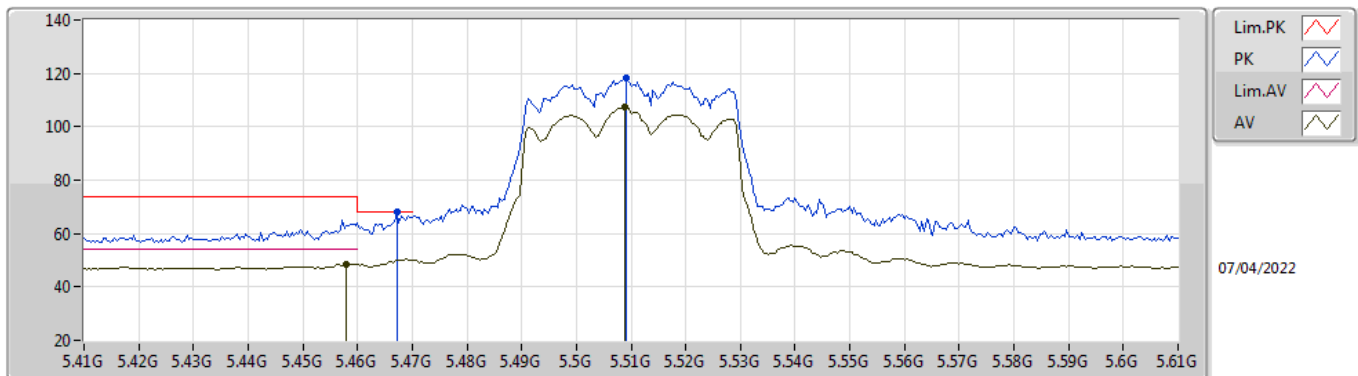
5510MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	45.85	54.00	-8.15	5.13	3	Vertical	158	1.49	-	40.72	32.82	7.08	34.77
AV	5.5124G	98.28	Inf	-Inf	5.20	3	Vertical	158	1.49	-	93.08	32.92	7.05	34.77
PK	5.4652G	56.92	68.20	-11.28	5.14	3	Vertical	158	1.49	-	51.78	32.83	7.08	34.77
PK	5.512G	107.90	Inf	-Inf	5.20	3	Vertical	158	1.49	-	102.70	32.92	7.05	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

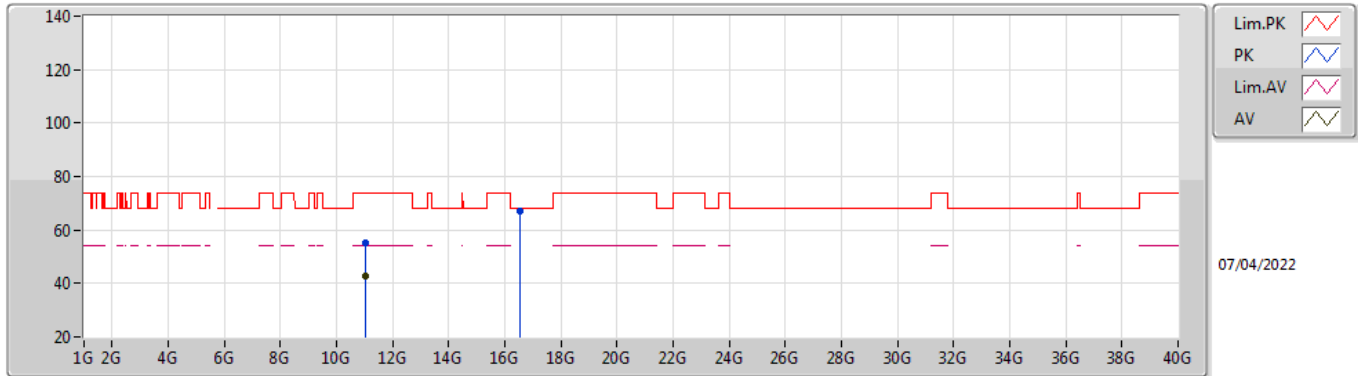
5510MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	48.44	54.00	-5.56	5.13	3	Horizontal	302	1.15	-	43.31	32.82	7.08	34.77
AV	5.5088G	107.19	Inf	-Inf	5.20	3	Horizontal	302	1.15	-	101.99	32.92	7.05	34.77
PK	5.4672G	67.97	68.20	-0.23	5.14	3	Horizontal	302	1.15	-	62.83	32.83	7.08	34.77
PK	5.5092G	118.33	Inf	-Inf	5.20	3	Horizontal	302	1.15	-	113.13	32.92	7.05	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

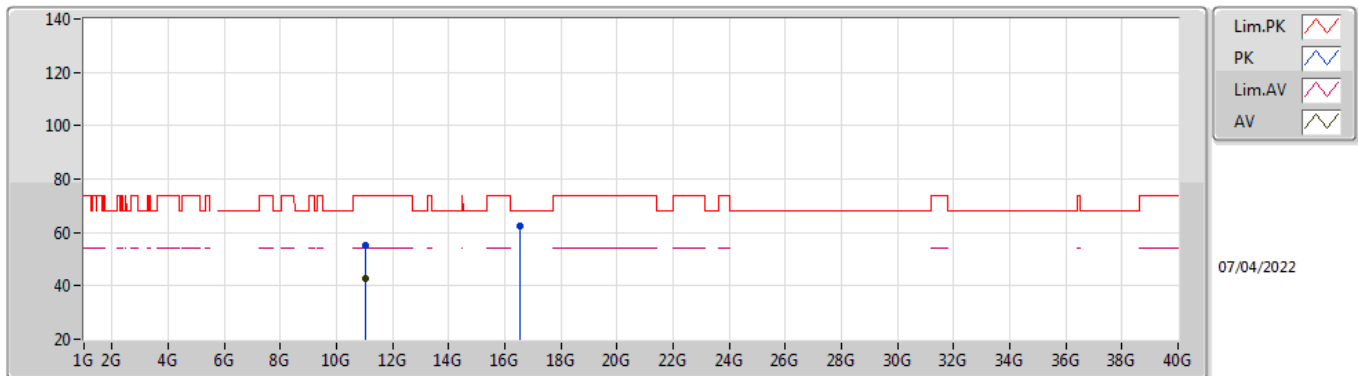
5510MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.02131G	42.77	54.00	-11.23	13.16	3	Vertical	19	1.50	-	29.61	38.68	9.21	34.73
PK	11.02158G	55.21	74.00	-18.79	13.16	3	Vertical	19	1.50	-	42.05	38.68	9.21	34.73
PK	16.53184G	67.12	68.20	-1.08	16.40	3	Vertical	30	1.77	-	50.72	38.57	12.71	34.88

802.11ax HEW40_Nss1,(MCS0)_2TX

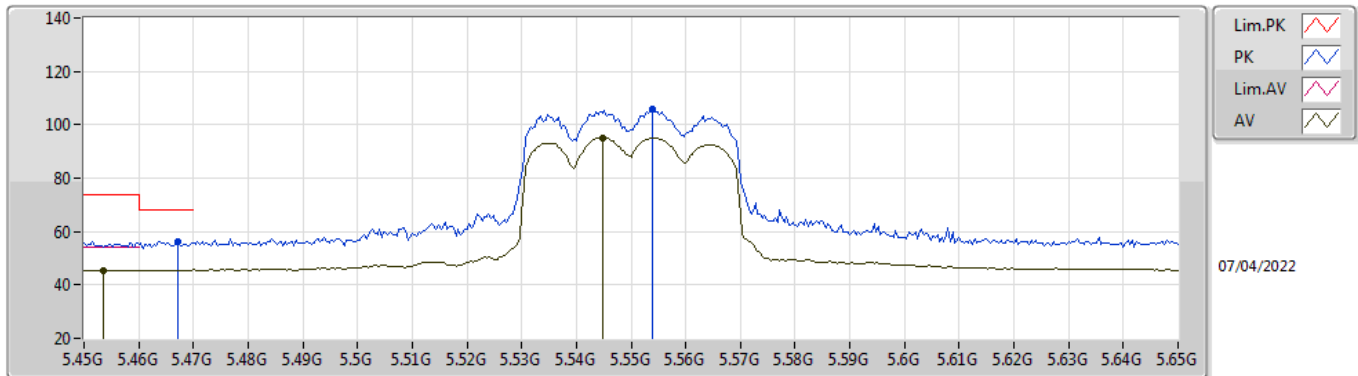
5510MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.02106G	42.57	54.00	-11.43	13.16	3	Horizontal	222	1.50	-	29.41	38.68	9.21	34.73
PK	11.02211G	55.00	74.00	-19.00	13.16	3	Horizontal	222	1.50	-	41.84	38.68	9.21	34.73
PK	16.53064G	62.21	68.20	-5.99	16.41	3	Horizontal	347	1.68	-	45.80	38.58	12.71	34.88

802.11ax HEW40_Nss1,(MCS0)_2TX

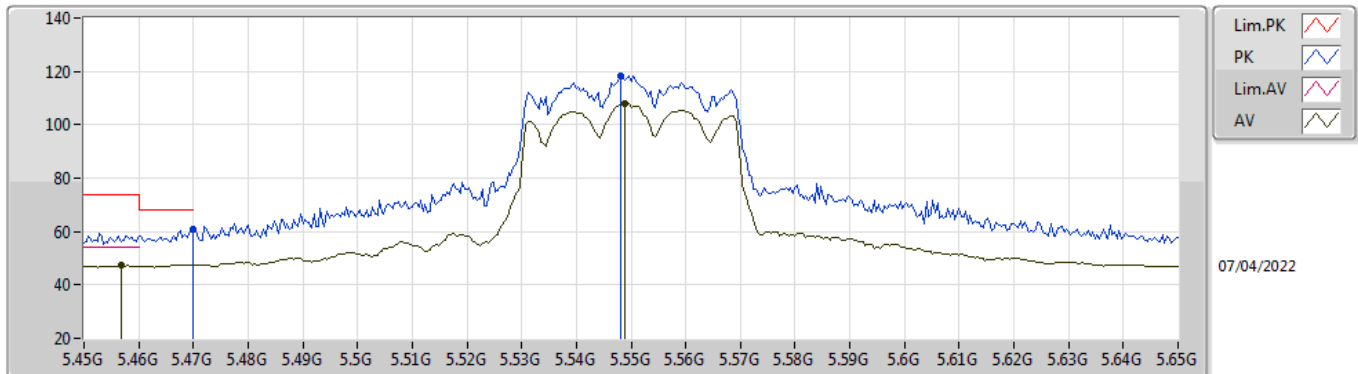
5550MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4536G	45.59	54.00	-8.41	5.13	3	Vertical	184	1.00	-	40.46	32.81	7.09	34.77
AV	5.5448G	95.06	Inf	-Inf	5.25	3	Vertical	184	1.00	-	89.81	32.99	7.03	34.77
PK	5.4672G	56.05	68.20	-12.15	5.14	3	Vertical	184	1.00	-	50.91	32.83	7.08	34.77
PK	5.554G	105.81	Inf	-Inf	5.25	3	Vertical	184	1.00	-	100.56	33.00	7.02	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

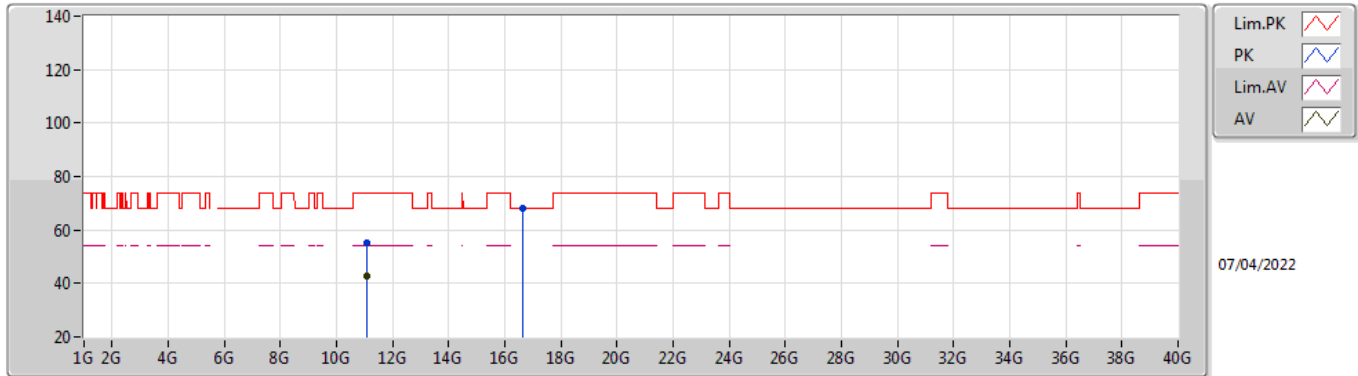
5550MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4568G	47.22	54.00	-6.78	5.12	3	Horizontal	302	1.12	-	42.10	32.81	7.08	34.77
AV	5.5488G	108.06	Inf	-Inf	5.25	3	Horizontal	302	1.12	-	102.81	33.00	7.02	34.77
PK	5.47G	60.98	68.20	-7.22	5.14	3	Horizontal	302	1.12	-	55.84	32.84	7.07	34.77
PK	5.548G	118.51	Inf	-Inf	5.25	3	Horizontal	302	1.12	-	113.26	33.00	7.02	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

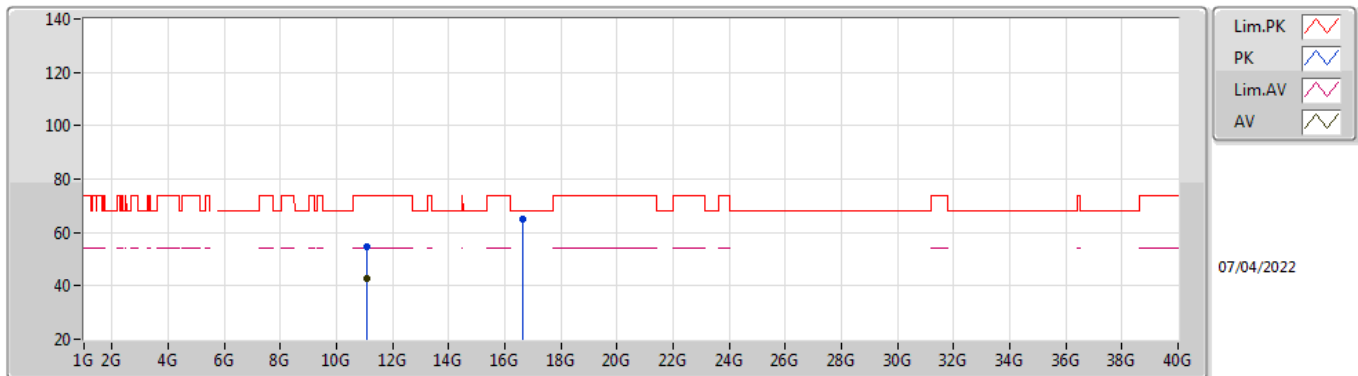
5550MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	11.10046G	55.24	74.00	-18.76	13.12	3	Vertical	336	2.90	-	42.12	38.60	9.23	34.71
AV	11.09947G	42.89	54.00	-11.11	13.12	3	Vertical	336	2.90	-	29.77	38.60	9.23	34.71
PK	16.65122G	67.90	68.20	-0.30	16.31	3	Vertical	30	1.64	-	51.59	38.20	12.75	34.64

802.11ax HEW40_Nss1,(MCS0)_2TX

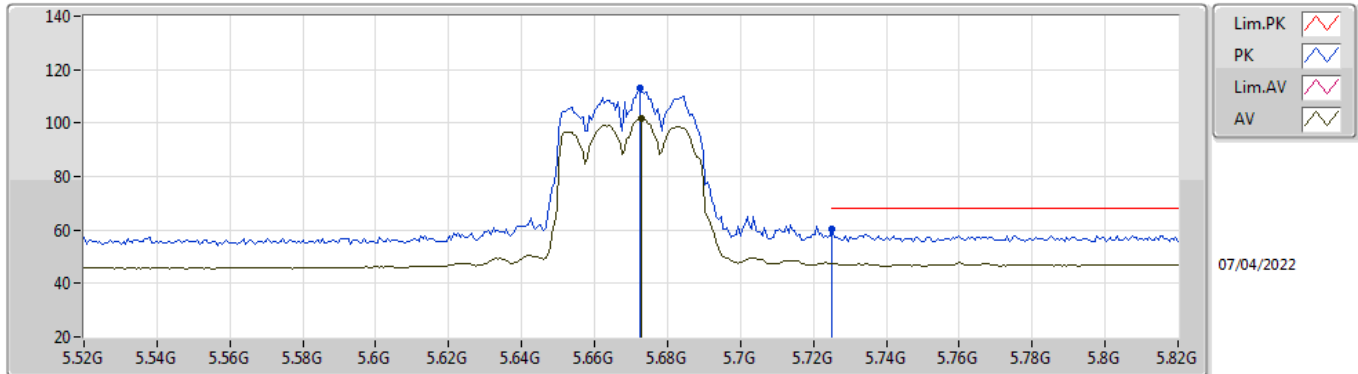
5550MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	11.09763G	54.62	74.00	-19.38	13.12	3	Horizontal	298	2.07	-	41.50	38.60	9.23	34.71
AV	11.09891G	42.72	54.00	-11.28	13.12	3	Horizontal	298	2.07	-	29.60	38.60	9.23	34.71
PK	16.65204G	65.21	68.20	-2.99	16.31	3	Horizontal	350	2.44	-	48.90	38.20	12.75	34.64

802.11ax HEW40_Nss1,(MCS0)_2TX

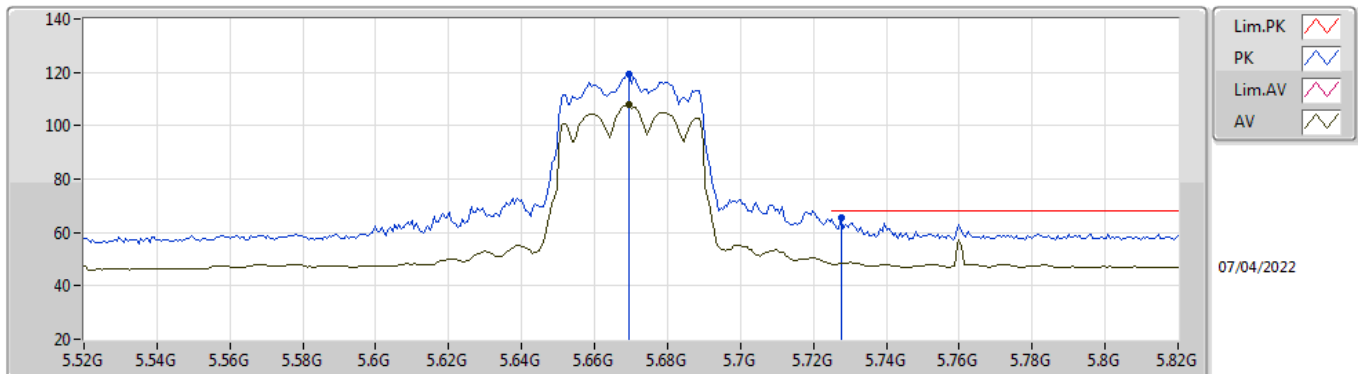
5670MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.673G	101.57	Inf	-Inf	5.37	3	Vertical	349	2.25	-	96.20	33.18	6.96	34.77
PK	5.6724G	113.10	Inf	-Inf	5.37	3	Vertical	349	2.25	-	107.73	33.18	6.96	34.77
PK	5.7252G	60.36	68.20	-7.84	5.67	3	Vertical	349	2.25	-	54.69	33.50	6.94	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

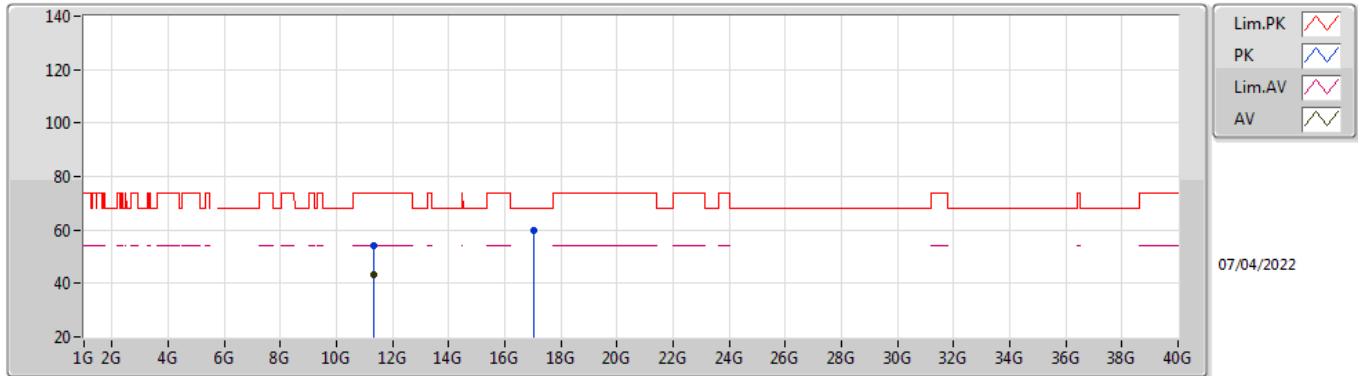
5670MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6694G	108.09	Inf	-Inf	5.35	3	Horizontal	304	1.01	-	102.74	33.16	6.96	34.77
PK	5.6694G	119.47	Inf	-Inf	5.35	3	Horizontal	304	1.01	-	114.12	33.16	6.96	34.77
PK	5.7276G	65.61	68.20	-2.59	5.68	3	Horizontal	304	1.01	-	59.93	33.51	6.94	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

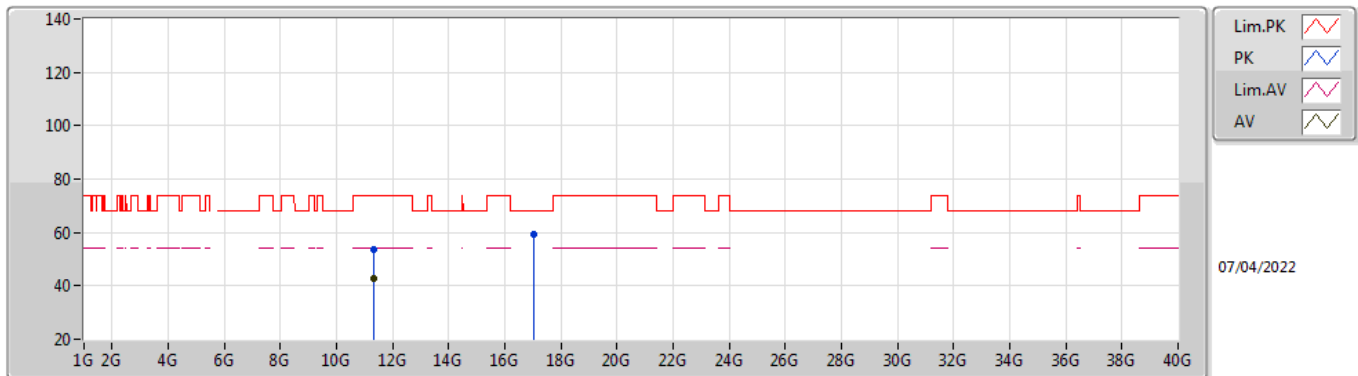
5670MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	11.33999G	54.36	74.00	-19.64	13.56	3	Vertical	313	1.33	-	40.80	38.90	9.31	34.65
AV	11.34073G	43.08	54.00	-10.92	13.56	3	Vertical	313	1.33	-	29.52	38.90	9.31	34.65
PK	17.01064G	59.85	68.20	-8.35	16.90	3	Vertical	1	1.74	-	42.95	38.00	12.85	33.95

802.11ax HEW40_Nss1,(MCS0)_2TX

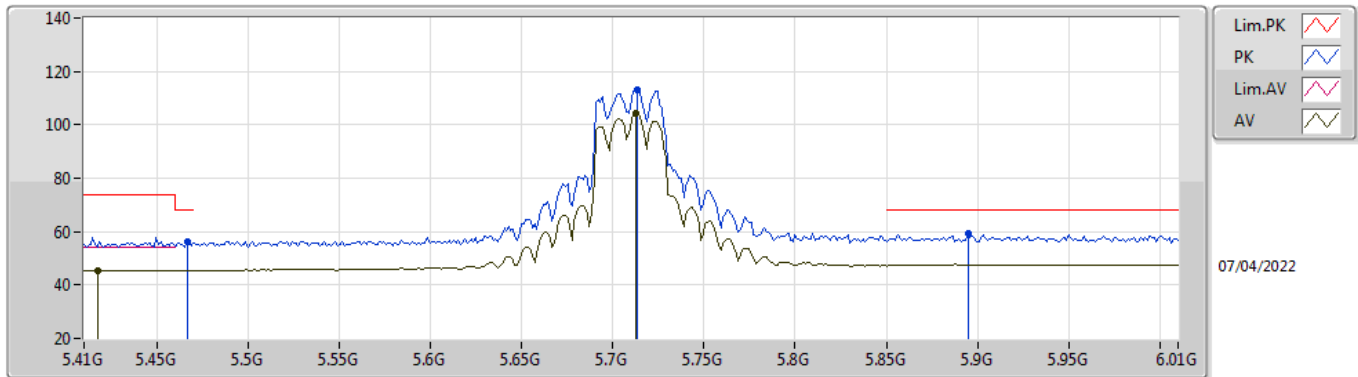
5670MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	11.33932G	53.52	74.00	-20.48	13.56	3	Horizontal	176	1.45	-	39.96	38.90	9.31	34.65
AV	11.34128G	42.54	54.00	-11.46	13.56	3	Horizontal	176	1.45	-	28.98	38.90	9.31	34.65
PK	17.00965G	59.21	68.20	-8.99	16.90	3	Horizontal	342	1.48	-	42.31	38.00	12.85	33.95

802.11ax HEW40_Nss1,(MCS0)_2TX

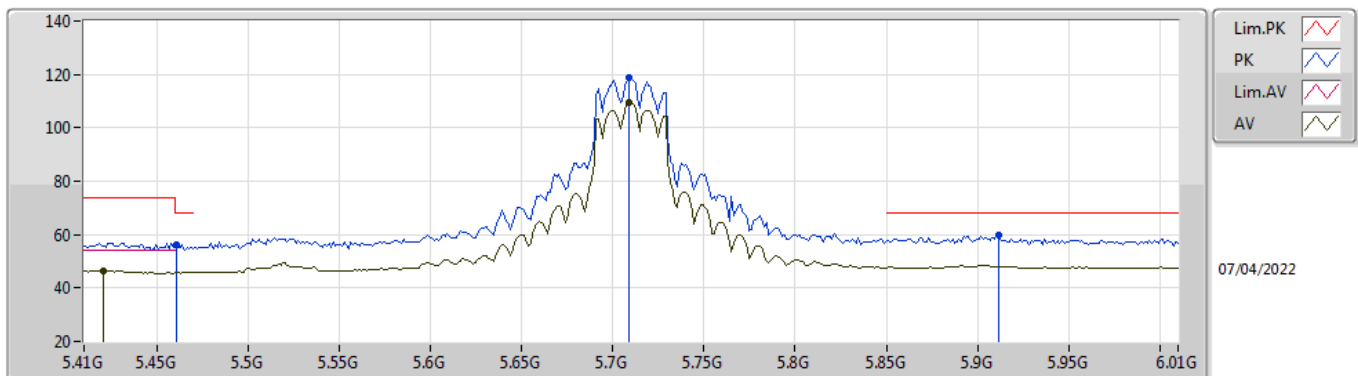
5710MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4172G	45.48	54.00	-8.52	5.27	3	Vertical	350	2.12	-	40.21	32.93	7.11	34.77
AV	5.7124G	104.21	Inf	-Inf	5.63	3	Vertical	350	2.12	-	98.58	33.45	6.95	34.77
PK	5.4664G	56.32	68.20	-11.88	5.14	3	Vertical	350	2.12	-	51.18	32.83	7.08	34.77
PK	5.7136G	113.10	Inf	-Inf	5.62	3	Vertical	350	2.12	-	107.48	33.45	6.94	34.77
PK	5.8948G	59.14	68.20	-9.06	6.84	3	Vertical	350	2.12	-	52.30	34.28	7.33	34.77

802.11ax HEW40_Nss1,(MCS0)_2TX

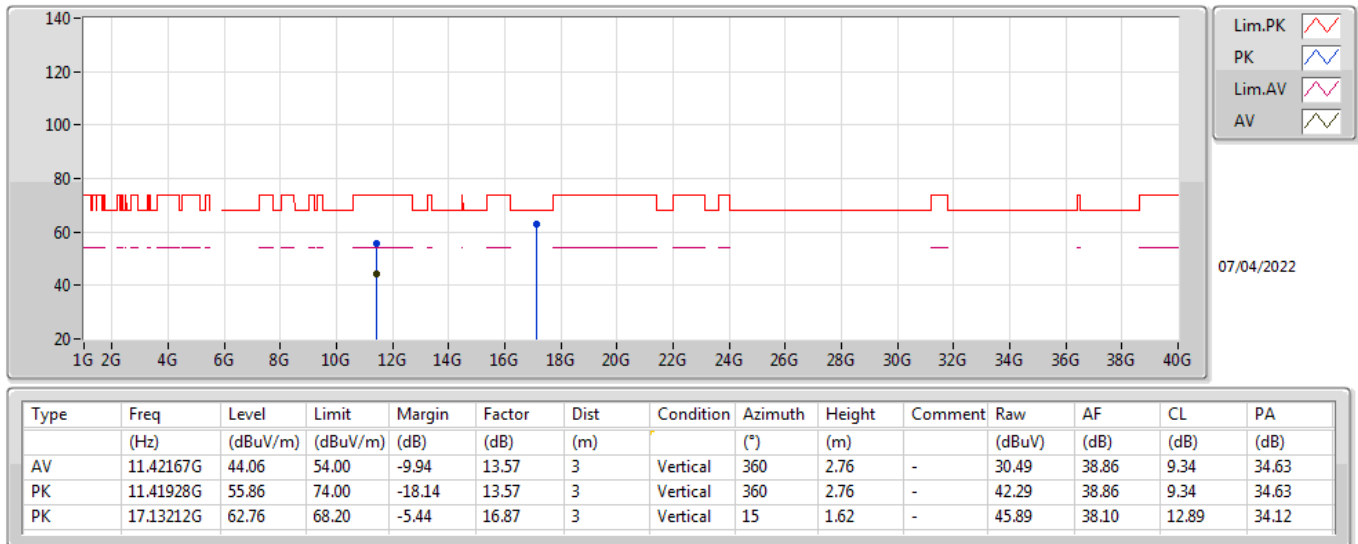
5710MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4208G	46.62	54.00	-7.38	5.26	3	Horizontal	306	1.06	-	41.36	32.92	7.11	34.77
AV	5.7088G	109.64	Inf	-Inf	5.62	3	Horizontal	306	1.06	-	104.02	33.44	6.95	34.77
PK	5.4604G	56.30	68.20	-11.90	5.13	3	Horizontal	306	1.06	-	51.17	32.82	7.08	34.77
PK	5.7088G	118.73	Inf	-Inf	5.62	3	Horizontal	306	1.06	-	113.11	33.44	6.95	34.77
PK	5.9116G	59.76	68.20	-8.44	6.93	3	Horizontal	306	1.06	-	52.83	34.30	7.40	34.77

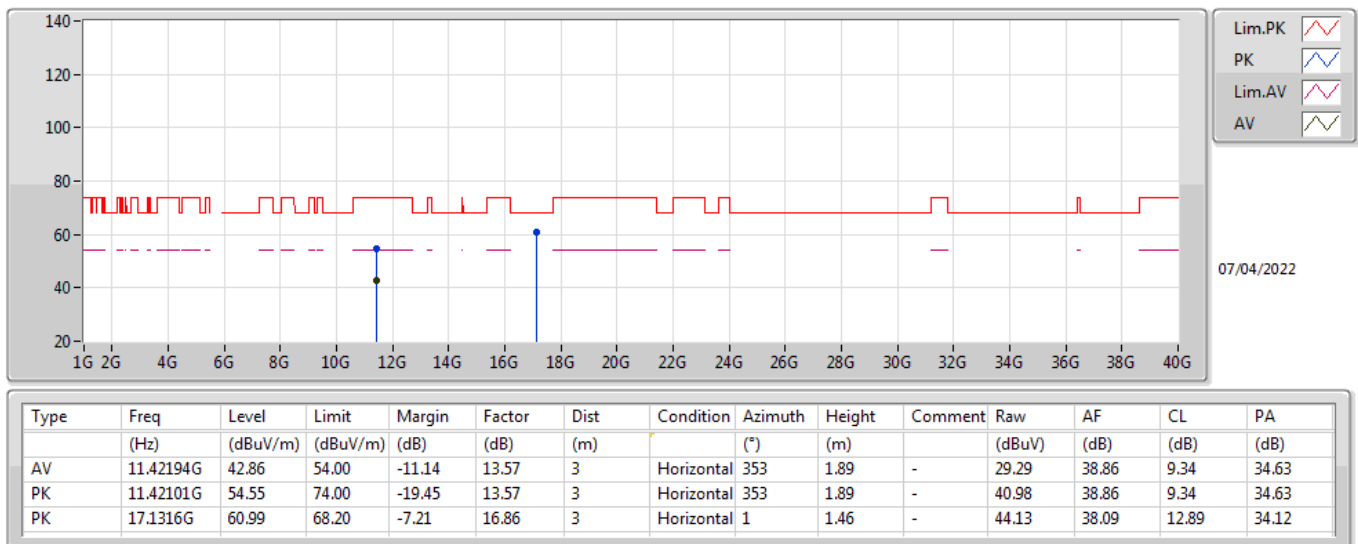
802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom



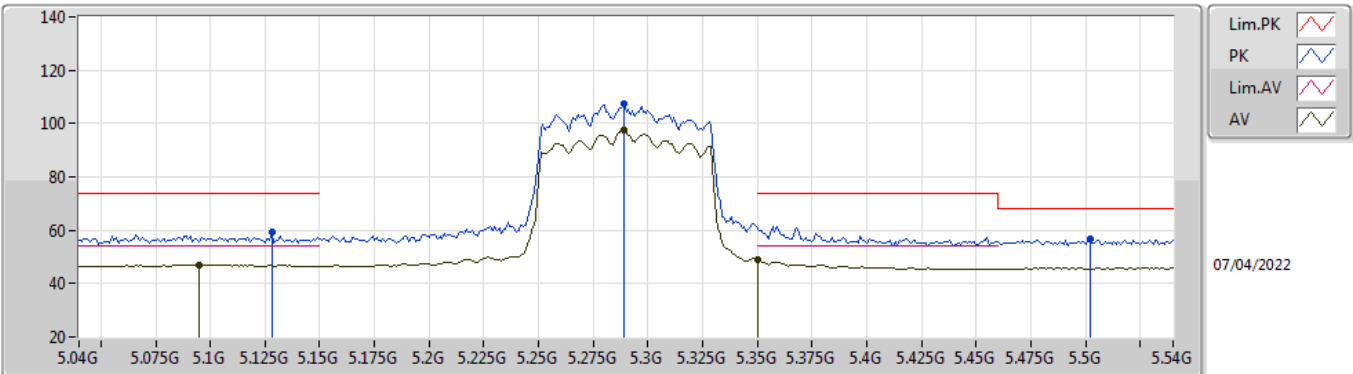
802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ax HEW80_Nss1,(MCS0)_2TX

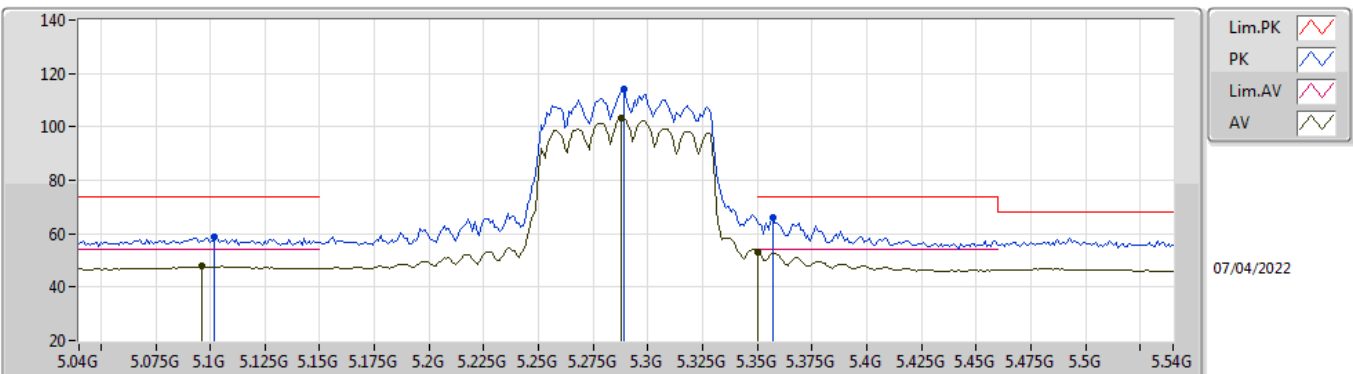
5290MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.095G	47.05	54.00	-6.95	5.10	3	Vertical	139	1.12	-	41.95	33.01	6.85	34.76
AV	5.289G	97.46	Inf	-Inf	5.16	3	Vertical	139	1.12	-	92.30	32.94	6.99	34.77
AV	5.35G	49.06	54.00	-4.94	4.99	3	Vertical	139	1.12	-	44.07	32.70	7.06	34.77
PK	5.128G	59.54	74.00	-14.46	5.16	3	Vertical	139	1.12	-	54.38	33.06	6.86	34.76
PK	5.289G	107.24	Inf	-Inf	5.16	3	Vertical	139	1.12	-	102.08	32.94	6.99	34.77
PK	5.502G	56.86	68.20	-11.34	5.18	3	Vertical	139	1.12	-	51.68	32.90	7.05	34.77

802.11ax HEW80_Nss1,(MCS0)_2TX

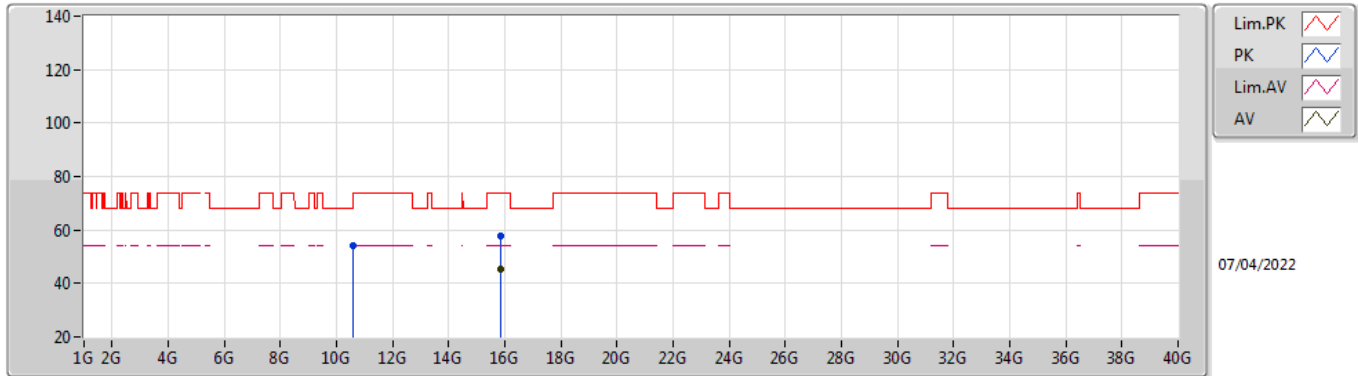
5290MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.096G	47.68	54.00	-6.32	5.10	3	Horizontal	302	1.00	-	42.58	33.01	6.85	34.76
AV	5.288G	103.34	Inf	-Inf	5.17	3	Horizontal	302	1.00	-	98.17	32.95	6.99	34.77
AV	5.35G	53.36	54.00	-0.64	4.99	3	Horizontal	302	1.00	-	48.37	32.70	7.06	34.77
PK	5.102G	58.88	74.00	-15.12	5.09	3	Horizontal	302	1.00	-	53.79	33.00	6.85	34.76
PK	5.289G	113.97	Inf	-Inf	5.16	3	Horizontal	302	1.00	-	108.81	32.94	6.99	34.77
PK	5.357G	65.86	74.00	-8.14	5.04	3	Horizontal	302	1.00	-	60.82	32.74	7.07	34.77

802.11ax HEW80_Nss1,(MCS0)_2TX

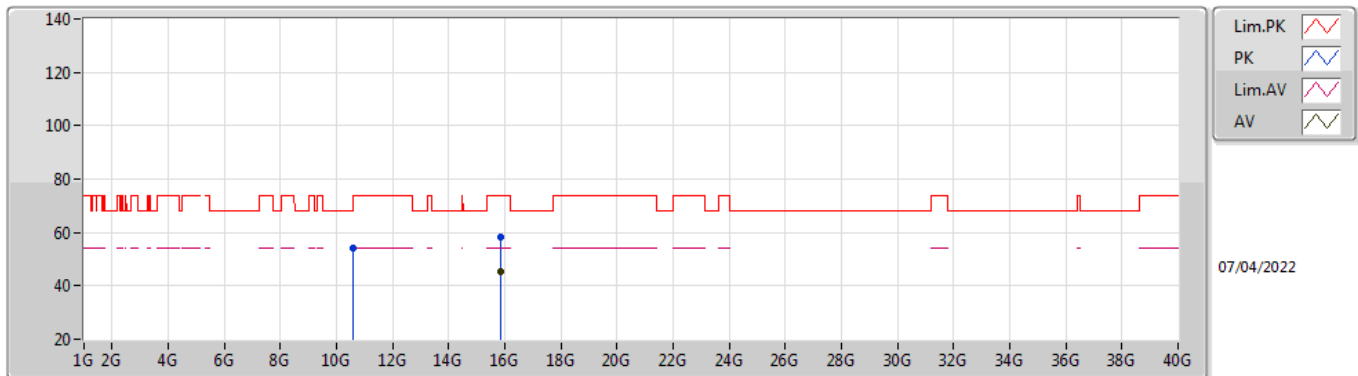
5290MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8592G	45.60	54.00	-8.40	15.07	3	Vertical	360	1.80	-	30.53	37.76	12.42	35.11
PK	10.5683G	54.20	68.20	-14.00	12.98	3	Vertical	153	1.50	-	41.22	38.80	9.06	34.88
PK	15.8709G	57.75	74.00	-16.25	15.03	3	Vertical	360	1.80	-	42.72	37.72	12.43	35.12

802.11ax HEW80_Nss1,(MCS0)_2TX

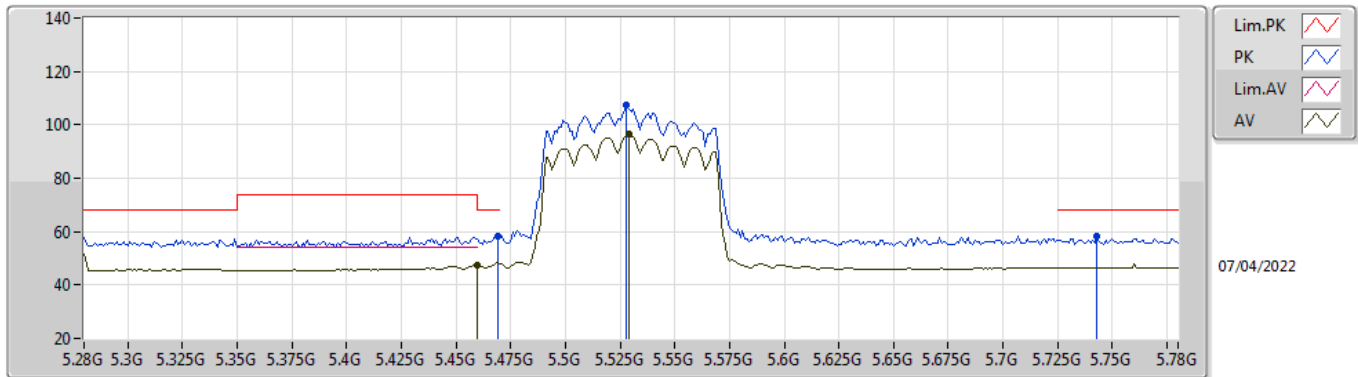
5290MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8701G	45.26	54.00	-8.74	15.04	3	Horizontal	27	1.83	-	30.22	37.72	12.43	35.11
PK	10.5751G	54.14	68.20	-14.06	13.01	3	Horizontal	134	2.00	-	41.13	38.83	9.06	34.88
PK	15.871G	58.10	74.00	-15.90	15.03	3	Horizontal	27	1.83	-	43.07	37.72	12.43	35.12

802.11ax HEW80_Nss1,(MCS0)_2TX

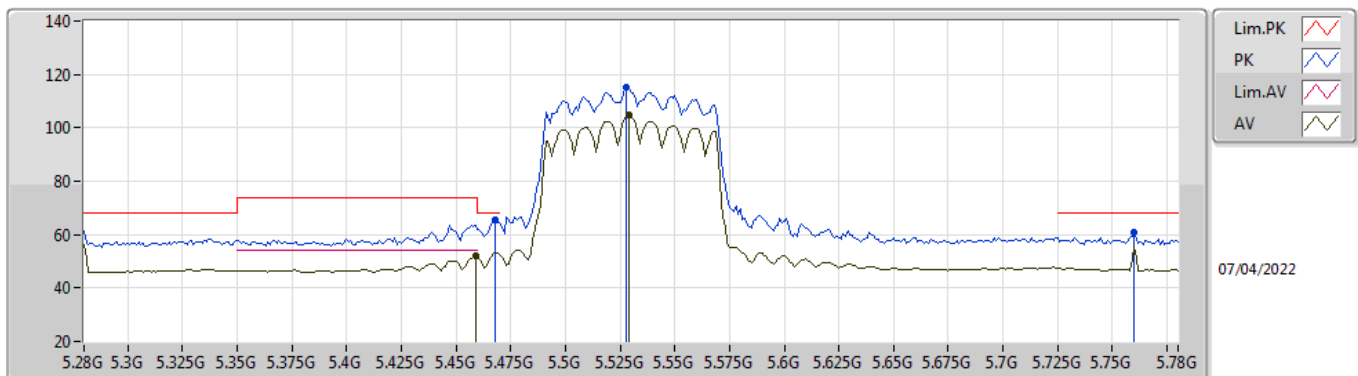
5530MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.60	54.00	-6.40	5.13	3	Vertical	139	1.15	-	42.47	32.82	7.08	34.77
AV	5.529G	96.44	Inf	-Inf	5.23	3	Vertical	139	1.15	-	91.21	32.96	7.04	34.77
PK	5.469G	58.29	68.20	-9.91	5.15	3	Vertical	139	1.15	-	53.14	32.84	7.08	34.77
PK	5.528G	107.30	Inf	-Inf	5.23	3	Vertical	139	1.15	-	102.07	32.96	7.04	34.77
PK	5.743G	58.24	68.20	-9.96	5.73	3	Vertical	139	1.15	-	52.51	33.57	6.93	34.77

802.11ax HEW80_Nss1,(MCS0)_2TX

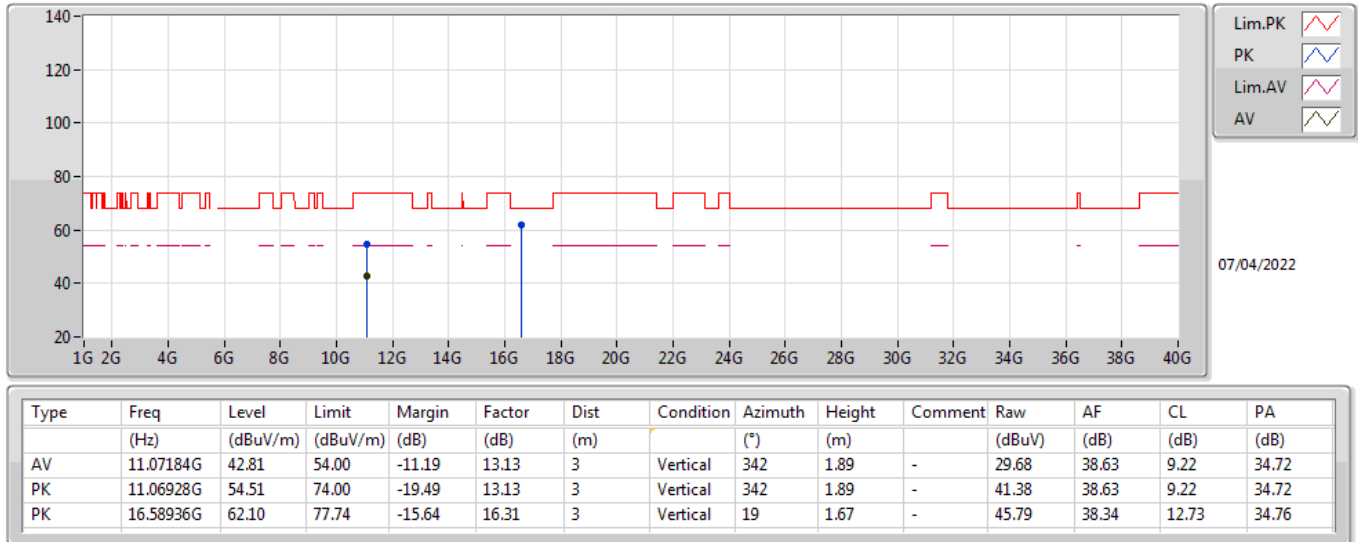
5530MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	51.83	54.00	-2.17	5.13	3	Horizontal	308	1.09	-	46.70	32.82	7.08	34.77
AV	5.529G	104.60	Inf	-Inf	5.23	3	Horizontal	308	1.09	-	99.37	32.96	7.04	34.77
PK	5.468G	65.28	68.20	-2.92	5.15	3	Horizontal	308	1.09	-	60.13	32.84	7.08	34.77
PK	5.528G	115.15	Inf	-Inf	5.23	3	Horizontal	308	1.09	-	109.92	32.96	7.04	34.77
PK	5.76G	60.96	68.20	-7.24	5.82	3	Horizontal	308	1.09	-	55.14	33.66	6.93	34.77

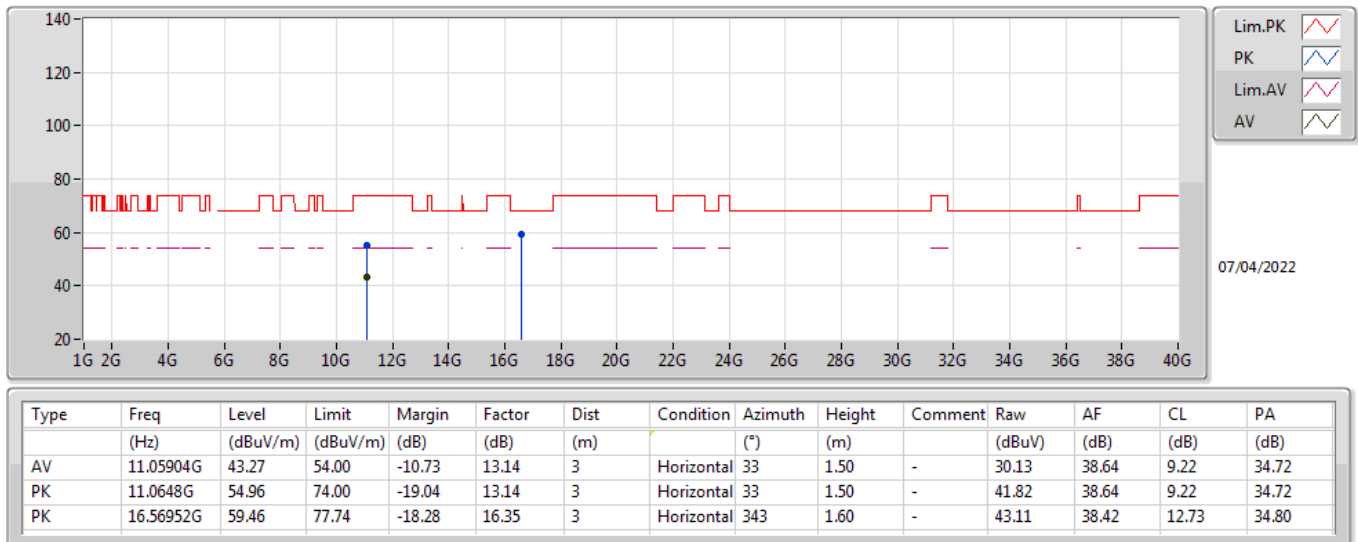
802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom



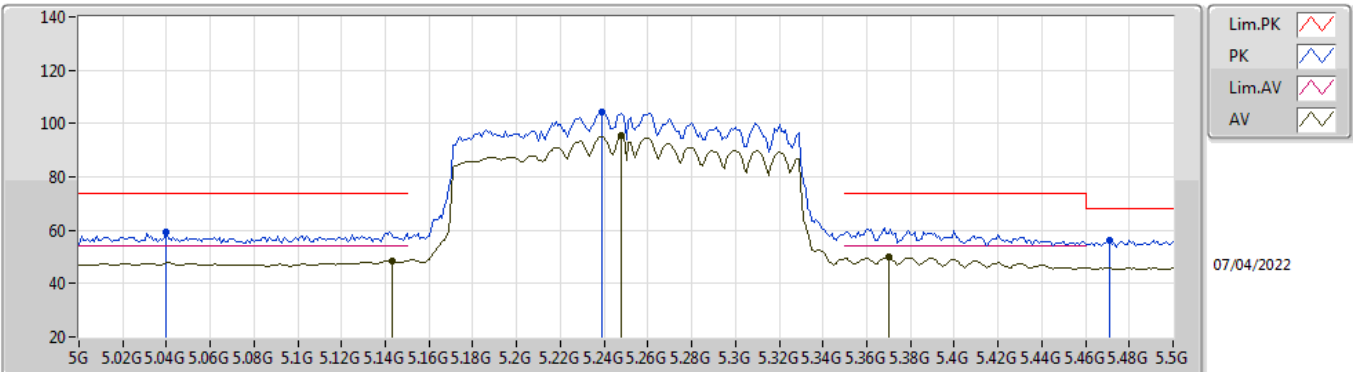
802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom



802.11ax HEW160_Nss1,(MCS0)_2TX

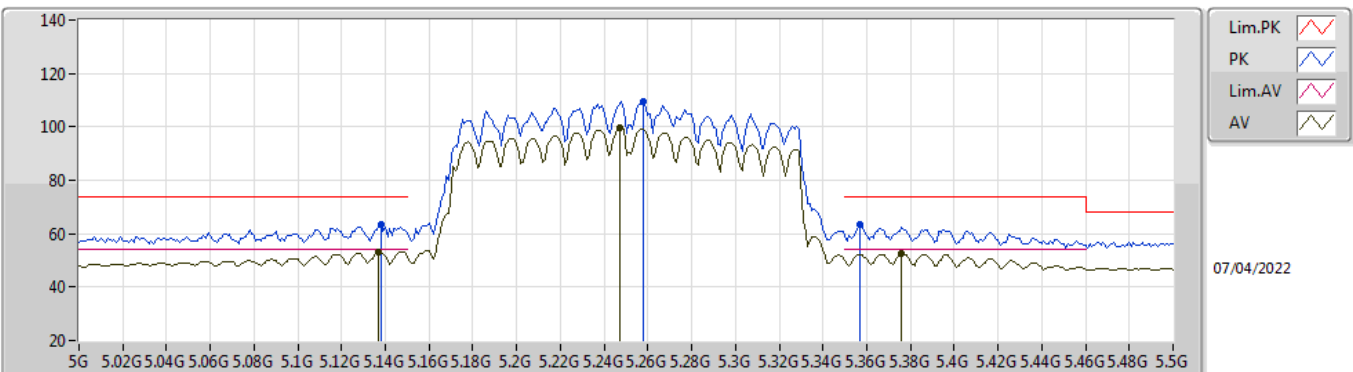
5250MHz Straddle 5.25-5.35GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.143G	48.68	54.00	-5.32	5.20	3	Vertical	10	2.91	-	43.48	33.09	6.87	34.76
AV	5.248G	95.50	Inf	-Inf	5.29	3	Vertical	10	2.91	-	90.21	33.10	6.95	34.76
AV	5.37G	49.91	54.00	-4.09	5.14	3	Vertical	10	2.91	-	44.77	32.82	7.09	34.77
PK	5.04G	59.31	74.00	-14.69	5.17	3	Vertical	10	2.91	-	54.14	33.10	6.83	34.76
PK	5.239G	104.20	Inf	-Inf	5.29	3	Vertical	10	2.91	-	98.91	33.12	6.93	34.76
PK	5.471G	56.46	68.20	-11.74	5.14	3	Vertical	10	2.91	-	51.32	32.84	7.07	34.77

802.11ax HEW160_Nss1,(MCS0)_2TX

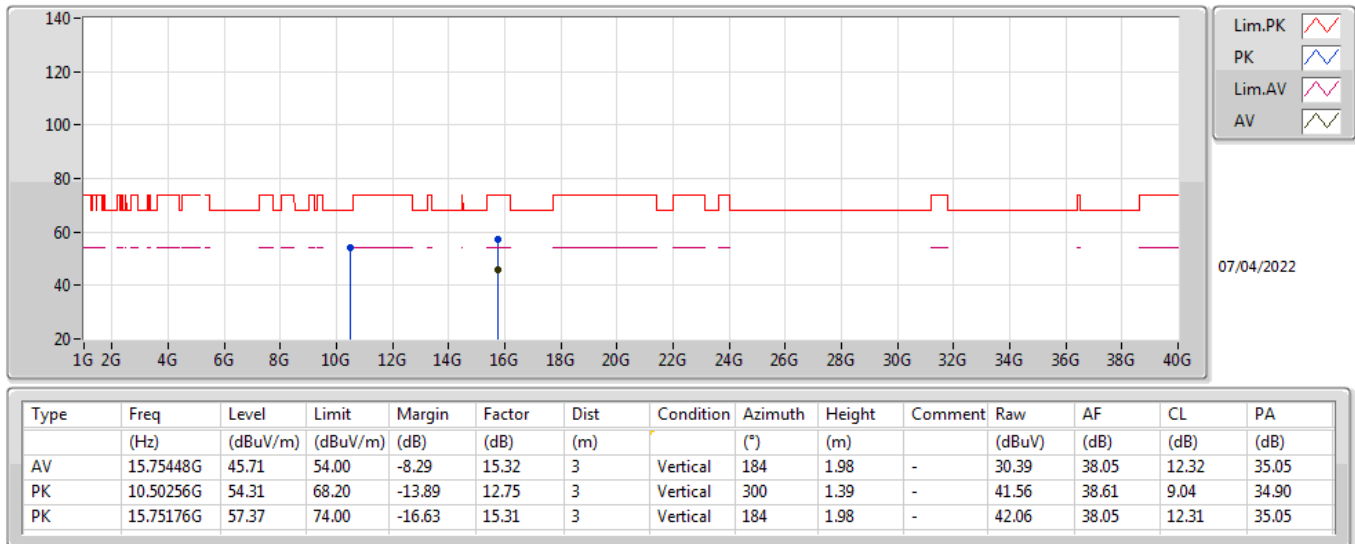
5250MHz Straddle 5.25-5.35GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.137G	53.34	54.00	-0.66	5.17	3	Horizontal	345	2.32	-	48.17	33.07	6.86	34.76
AV	5.247G	99.65	Inf	-Inf	5.29	3	Horizontal	345	2.32	-	94.36	33.11	6.94	34.76
AV	5.376G	52.41	54.00	-1.59	5.18	3	Horizontal	345	2.32	-	47.23	32.86	7.09	34.77
PK	5.138G	63.60	74.00	-10.40	5.19	3	Horizontal	345	2.32	-	58.41	33.08	6.87	34.76
PK	5.258G	109.32	Inf	-Inf	5.26	3	Horizontal	345	2.32	-	104.06	33.07	6.96	34.77
PK	5.357G	63.63	74.00	-10.37	5.04	3	Horizontal	345	2.32	-	58.59	32.74	7.07	34.77

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom



802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

