

FCC Radio Test Report

FCC ID : UIDTG3442P3
Equipment : Telephone Gateway
Brand Name : ARRIS
Model Name : TG3442
Applicant : ARRIS
3871 Lakefield Drive, Suite 300,
Suwanee, GA 30024
Manufacturer : ARRIS
3871 Lakefield Drive, Suite 300,
Suwanee, GA 30024
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 27, 2022, and testing was started from Jul. 03, 2022 and completed on Jul. 07, 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 report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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Report Template No.: HE1-D1 Ver4.5
FCC ID: UIDTG3442P3

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ryan Hsiao

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Galtronics	02036142-06325A1	PIFA	mini-muruta
2	Galtronics	02036142-06325B1	PIFA	mini-muruta
3	Galtronics	02036142-06325B2	PIFA	mini-muruta
4	Galtronics	02036142-06325A2	PIFA	mini-muruta

Ant.	Port	Gain (dBi)				
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
1	1	2.43	2.42	2.61	2.44	2.59
2	2	2.35	2.78	2.86	2.17	2.01
3	3	2.22	2.13	2.53	2.42	2.02
4	4	-	2.61	2.41	2.78	2.51

Composite Gain (dBi)					
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
DG (1SS)	4.49	4.92	4.78	3.88	4.53
DG (2SS)	2.43	2.78	2.86	2.78	2.59
DG (4SS)	-	2.78	2.86	2.78	2.59

Note 1: The EUT has four antennas.

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

For 2.4GHz function:

For IEEE 802.11 b mode (1TX/1RX)

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

For IEEE 802.11 b/g/n mode (3TX/3RX)

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

For 5GHz function:

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

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

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
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_4TX	0.634	1.98	1.398m	1k
802.11ac VHT20_Nss1,(MCS0)_4TX	0.692	1.6	1.318m	1k
802.11ac VHT40_Nss1,(MCS0)_4TX	0.709	1.49	657.5u	3k
802.11ac VHT80_Nss1,(MCS0)_4TX	0.674	1.71	325.625u	10k

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR262504AN

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

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

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.) TEL: 886-3-327-3456 FAX: 886-3-327-0973			
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH07-HY	Yuna	23.8~25.6°C / 60~67%	07/Jul/2022~14/Jul/2022
Radiated	03CH03-HY	Edward	23.5~24.2°C / 50~60%	03/Jul/2022~04/Jul/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.				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	PuTTY Release0.72
Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	17 16 22 17
5300MHz	18 16 23 18
5320MHz	18 16 22 18
5500MHz	14 15 17 14
5580MHz	14 13 16 14
5700MHz	13 11 16 16
5720MHz Straddle 5.47-5.725GHz	13 14 16 16
5720MHz Straddle 5.725-5.85GHz	13 14 16 16
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	19 18 23 19
5300MHz	19 17 24 19
5320MHz	20 18 24 19
5500MHz	15 15 18 15
5580MHz	15 14 17 15
5700MHz	15 14 18 17
5720MHz Straddle 5.47-5.725GHz	16 15 19 18
5720MHz Straddle 5.725-5.85GHz	16 15 19 18
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	22 21 26 22
5310MHz	22 20 26 22
5510MHz	12 12 15 12
5550MHz	17 16 20 18
5670MHz	17 16 20 19
5710MHz Straddle 5.47-5.725GHz	21 19 23 22
5710MHz Straddle 5.725-5.85GHz	21 19 23 22
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	16 14 19 15
5530MHz	11 11 14 11
5610MHz	17 17 20 17
5690MHz Straddle 5.47-5.725GHz	20 18 22 21
5690MHz Straddle 5.725-5.85GHz	20 18 22 21

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA262504-01 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
AC Adapter	Brand Name	ADP	Model Name	WB-30C12FU
	Power Rating	I/P: 100-240Vac, 0.9A, O/P: 12Vdc, 2.5A		
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Power Cord	1.5 meter, non-shielded cable		

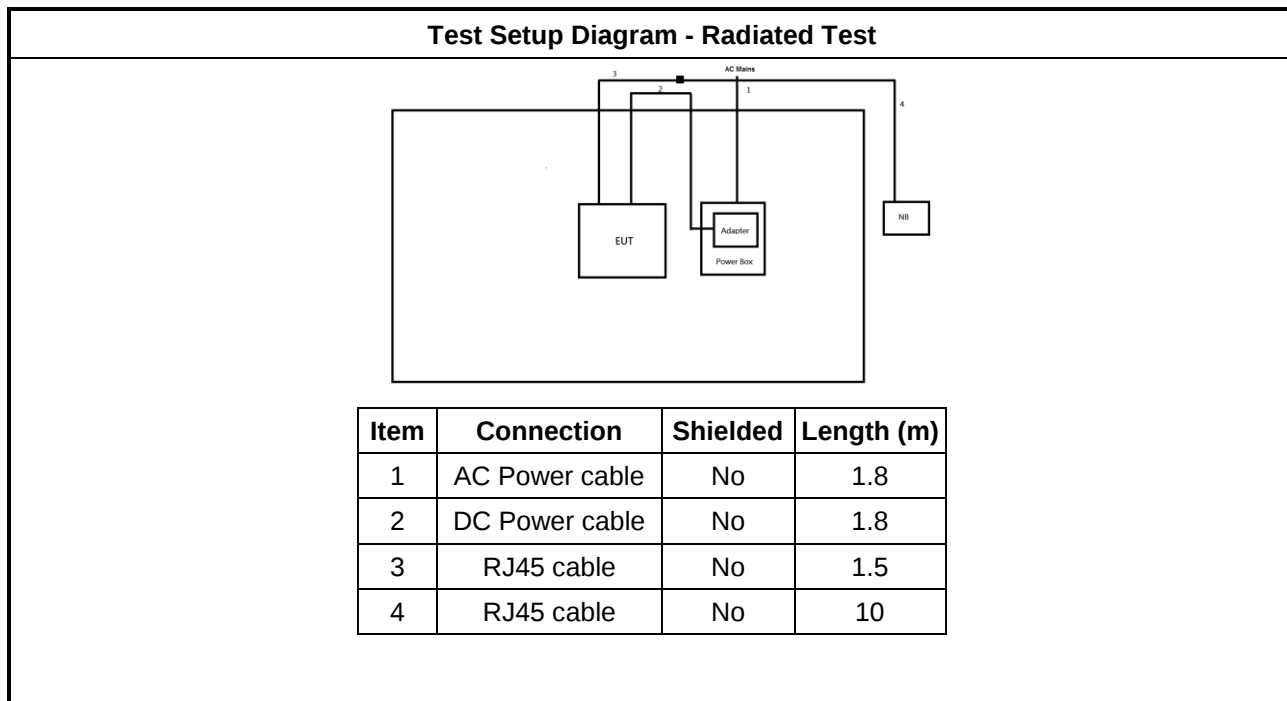
Reminder: Regarding to more detail and other information, please refer to user manual.

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	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	Remote
2	Notebook	HP	HSTNN-142C	-	Remote

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

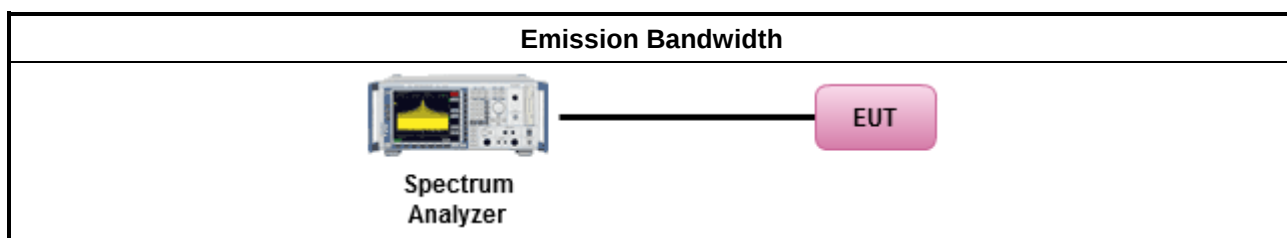
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
☐	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
☐	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 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.	

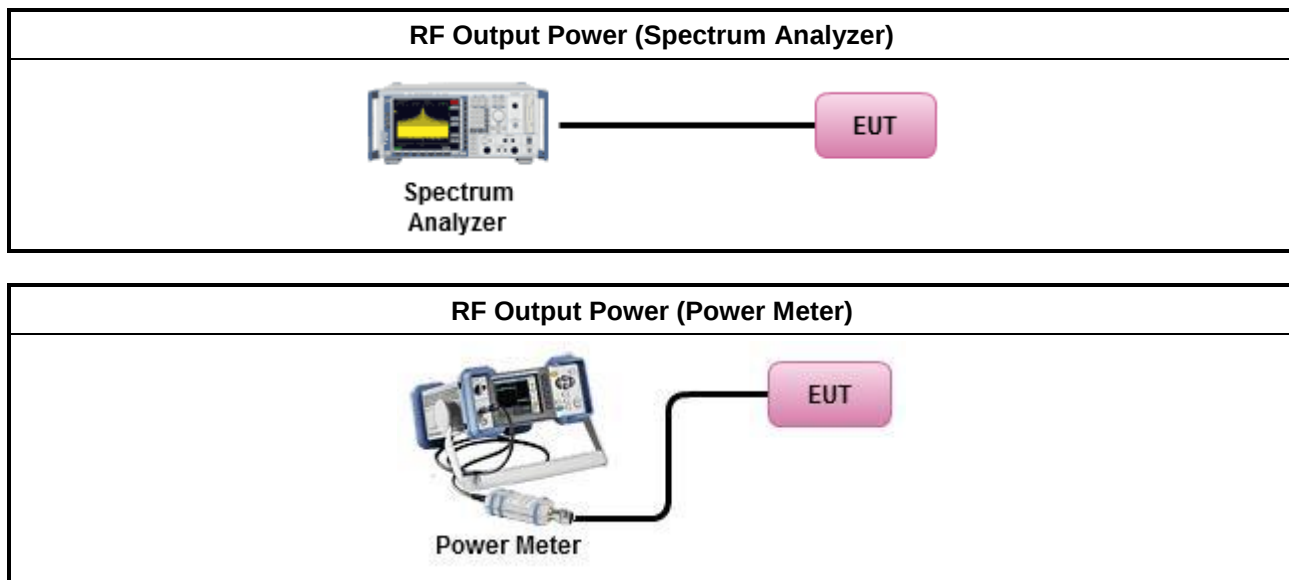
3.2.2 Measuring Instruments

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



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.	

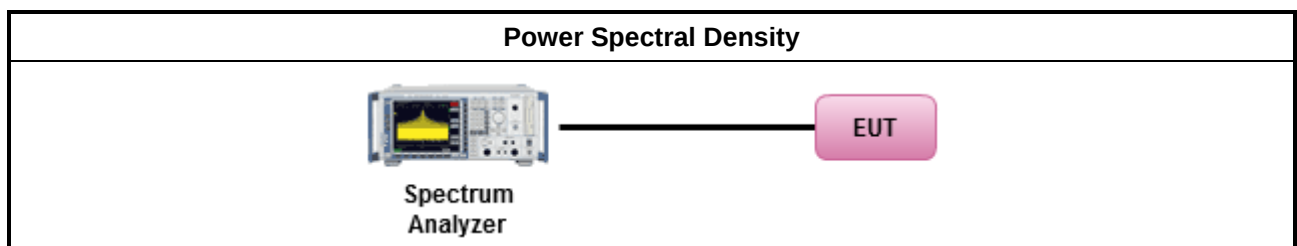
3.3.2 Measuring Instruments

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

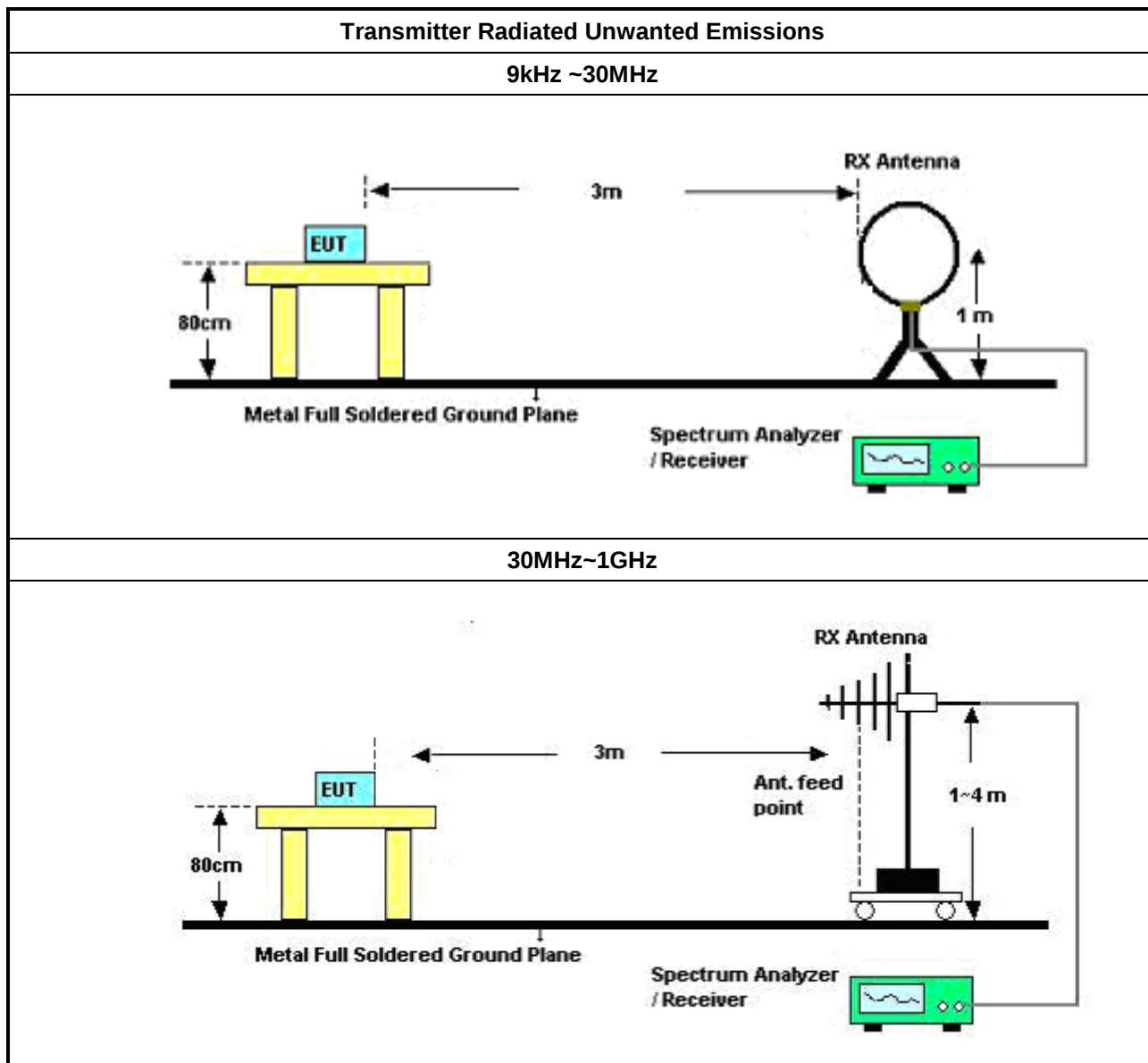
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

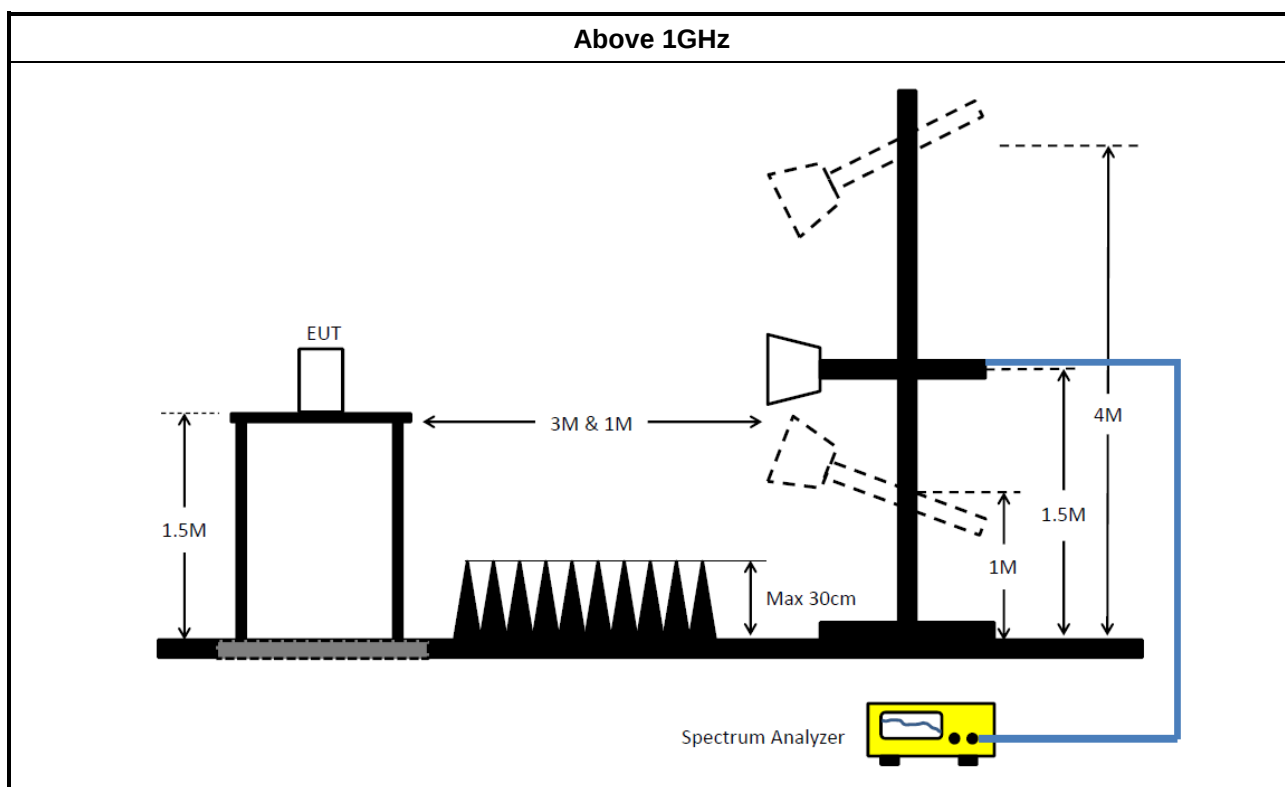
3.4.4 Measurement Results Calculation

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	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+ SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
SENSE-15209_NII	Sporton	v5.10.8.3	NA	NA	NA	NA

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.12M	16.942M	17M0D1D	20.13M	16.672M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.91M	17.721M	17M8D1D	20.43M	17.631M
802.11ac VHT40_Nss1,(MCS0)_4TX	54.84M	37.301M	37M4D1D	41.1M	36.762M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	76.282M	76M3D1D	81M	76.042M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.57M	16.972M	17M0D1D	14.985M	13.418M
802.11ac VHT20_Nss1,(MCS0)_4TX	22.08M	17.811M	17M9D1D	15.165M	13.868M
802.11ac VHT40_Nss1,(MCS0)_4TX	56.28M	37.481M	37M5D1D	38.745M	33.443M
802.11ac VHT80_Nss1,(MCS0)_4TX	115.2M	76.882M	76M9D1D	81.48M	72.939M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.12M	3.858M	3M86D1D	2.9M	3.698M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.74M	4.178M	4M18D1D	3.28M	4.078M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.12M	18.111M	18M2D1D	2.74M	15.352M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.1M	29.765M	29M8D1D	2.72M	19.57M

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

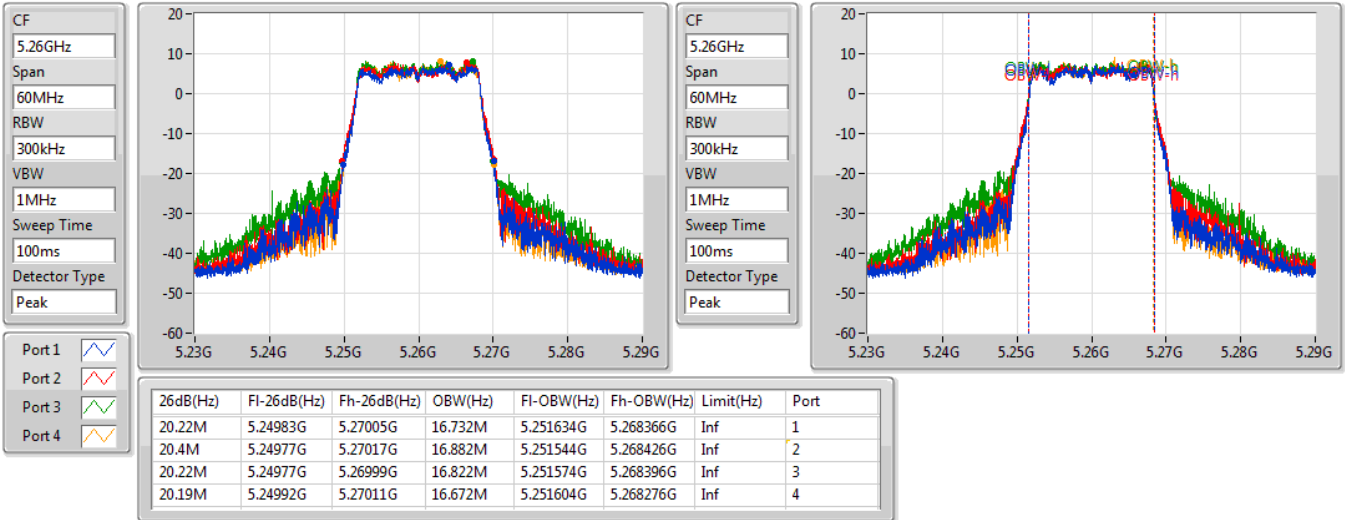
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.22M	16.732M	20.4M	16.882M	20.22M	16.822M	20.19M	16.672M
5300MHz	Pass	Inf	20.34M	16.762M	20.46M	16.942M	20.82M	16.822M	21.12M	16.732M
5320MHz	Pass	Inf	20.31M	16.792M	20.34M	16.942M	20.16M	16.792M	20.13M	16.702M
5500MHz	Pass	Inf	20.55M	16.852M	20.49M	16.942M	20.19M	16.732M	20.22M	16.702M
5580MHz	Pass	Inf	20.49M	16.942M	21.3M	16.882M	20.13M	16.702M	20.64M	16.702M
5700MHz	Pass	Inf	20.01M	16.672M	20.58M	16.972M	21.57M	16.762M	20.22M	16.792M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.33M	13.418M	15.105M	13.583M	14.985M	13.418M	15.09M	13.448M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.858M	3.1M	3.798M	3.12M	3.818M	2.9M	3.698M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.55M	17.661M	20.58M	17.721M	20.82M	17.691M	20.46M	17.631M
5300MHz	Pass	Inf	20.58M	17.691M	20.61M	17.721M	20.91M	17.691M	20.58M	17.661M
5320MHz	Pass	Inf	20.43M	17.661M	20.73M	17.721M	20.52M	17.721M	20.46M	17.691M
5500MHz	Pass	Inf	20.55M	17.751M	20.55M	17.721M	20.76M	17.601M	22.08M	17.691M
5580MHz	Pass	Inf	20.52M	17.751M	20.61M	17.811M	20.43M	17.601M	20.58M	17.691M
5700MHz	Pass	Inf	20.52M	17.631M	20.7M	17.751M	20.52M	17.661M	20.79M	17.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.18M	13.943M	15.21M	13.868M	15.165M	13.868M	15.195M	13.928M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.178M	3.46M	4.178M	3.32M	4.158M	3.74M	4.078M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	42.06M	36.762M	42.9M	37.301M	49.2M	37.181M	41.1M	37.001M
5310MHz	Pass	Inf	44.88M	37.061M	42.78M	37.121M	54.84M	37.001M	41.7M	37.061M
5510MHz	Pass	Inf	41.1M	36.582M	41.1M	36.942M	40.74M	36.762M	41.28M	36.942M
5550MHz	Pass	Inf	41.58M	36.882M	40.92M	36.942M	48.48M	37.121M	55.32M	37.481M
5670MHz	Pass	Inf	56.28M	37.061M	40.98M	37.181M	45.54M	37.061M	50.76M	37.301M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	45.255M	33.513M	38.745M	33.618M	45.325M	33.513M	43.575M	33.443M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	17.331M	3.12M	15.352M	3.1M	18.111M	2.74M	15.352M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	76.282M	81.6M	76.042M	81.12M	76.162M	81M	76.162M
5530MHz	Pass	Inf	81.96M	76.282M	81.6M	76.162M	81.6M	76.162M	81.48M	76.402M
5610MHz	Pass	Inf	99.48M	76.882M	90.72M	76.882M	115.2M	76.402M	88.44M	76.522M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	102.675M	73.163M	83.325M	73.088M	96.225M	72.939M	105.6M	73.913M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	29.765M	2.72M	19.57M	3.1M	27.406M	3.1M	26.087M

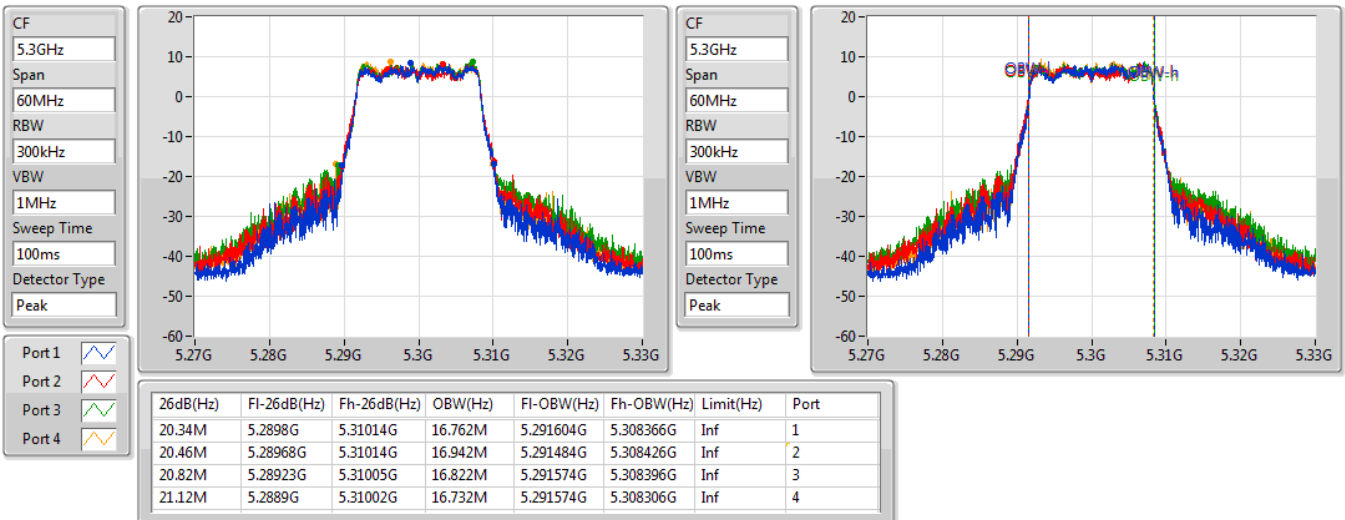
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

14/07/2022


802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

14/07/2022

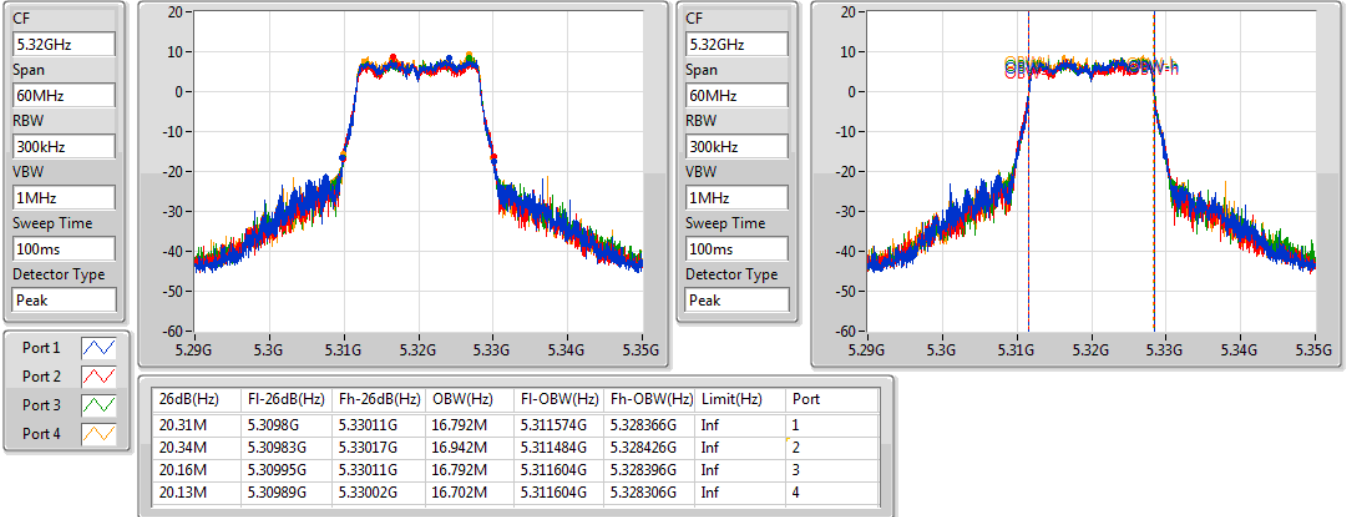


802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

14/07/2022

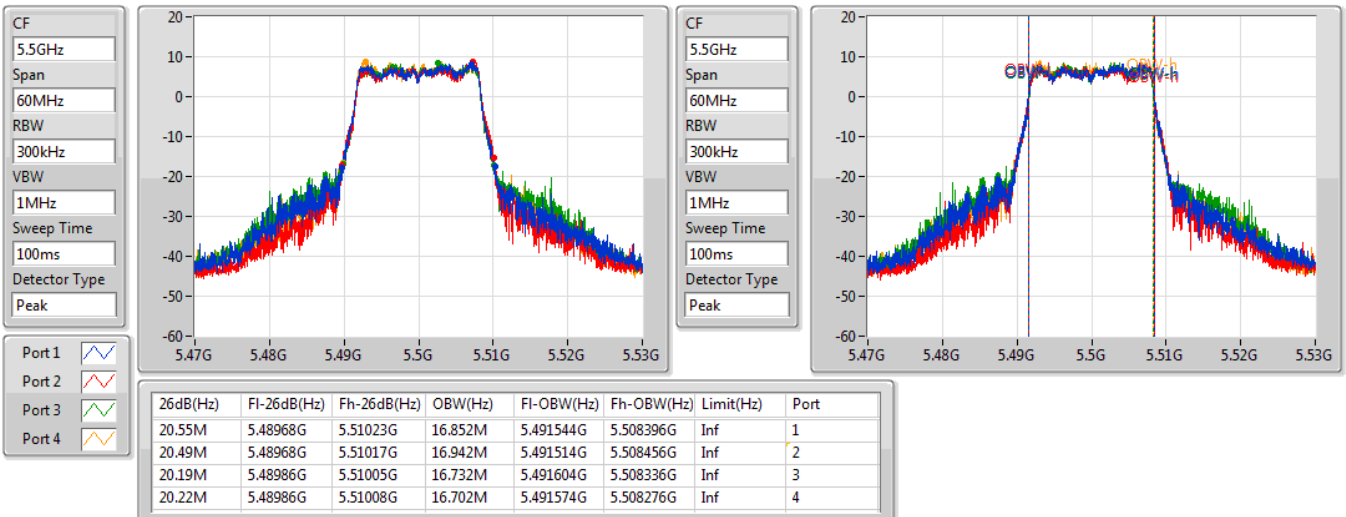


802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

14/07/2022

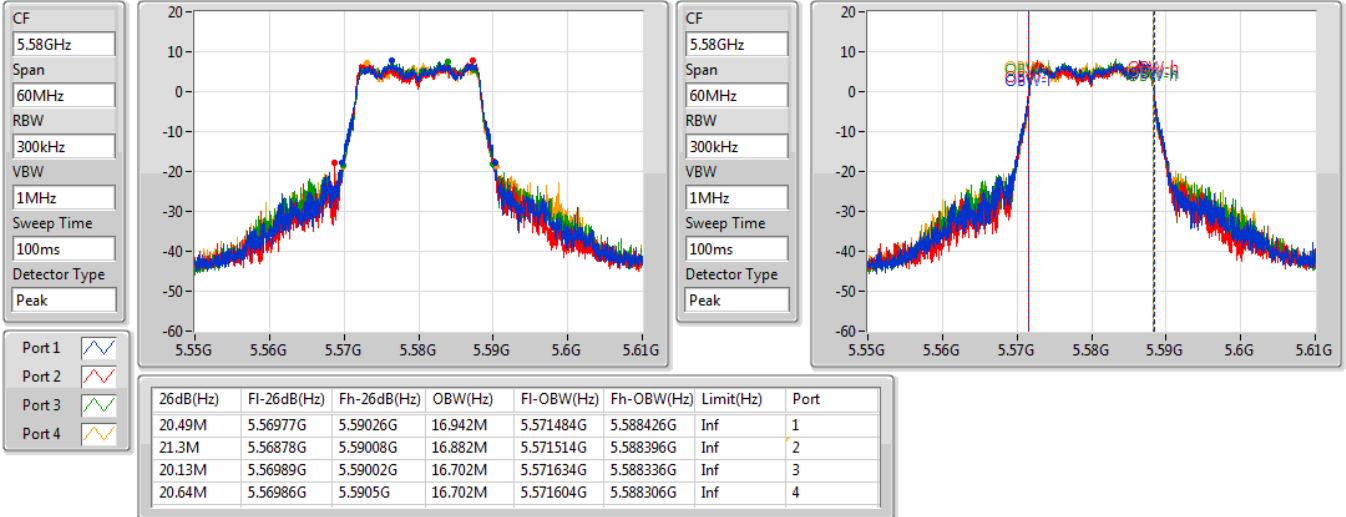


802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

07/07/2022

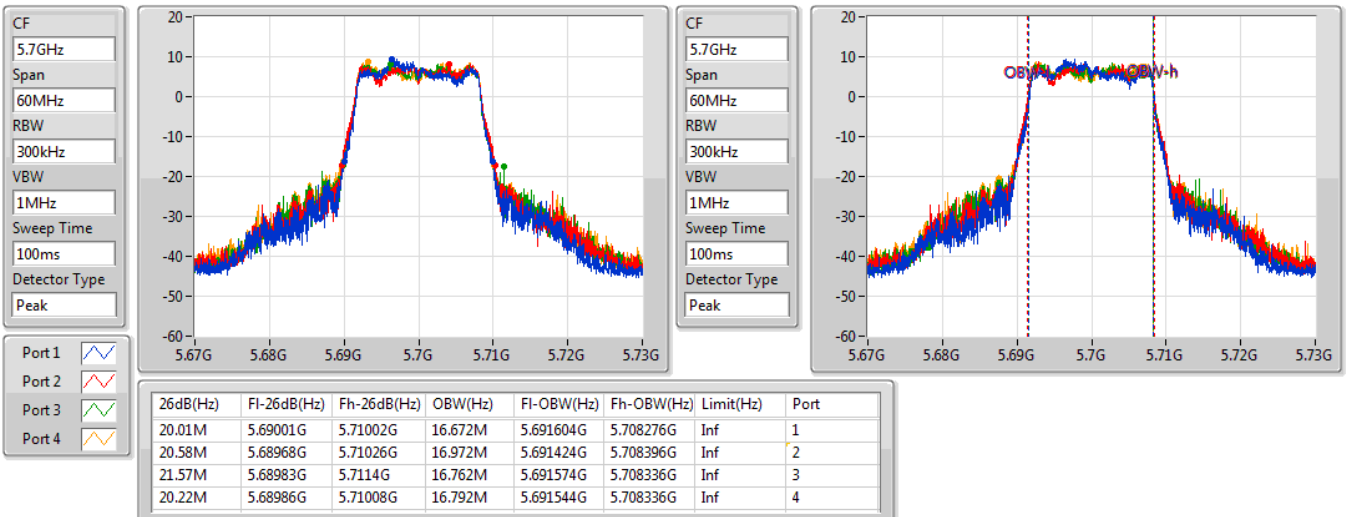


802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

14/07/2022

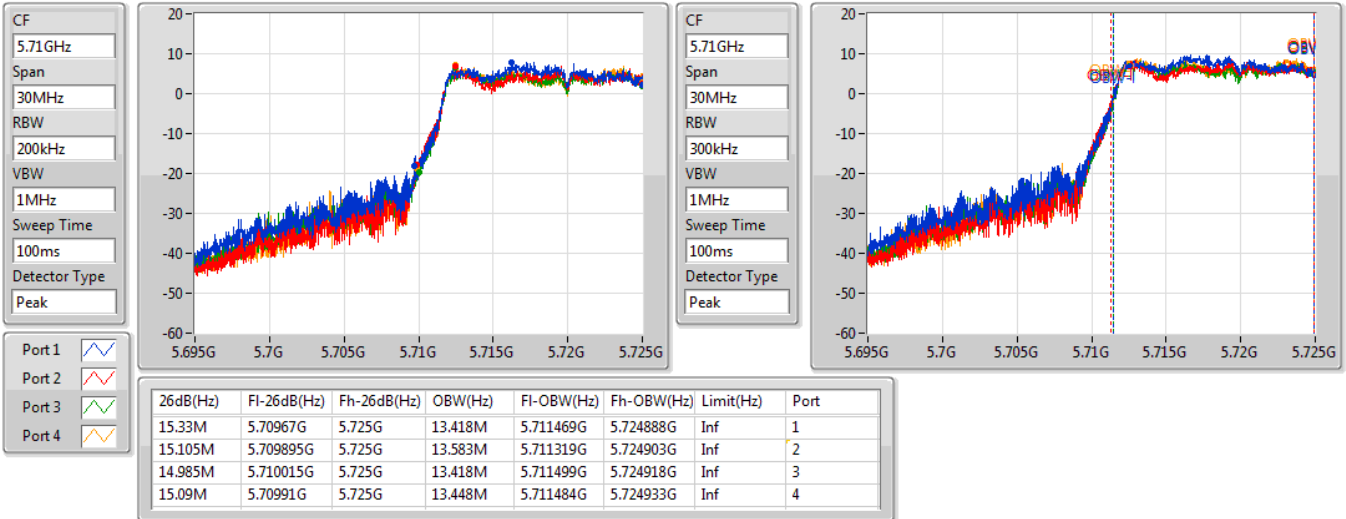


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

14/07/2022

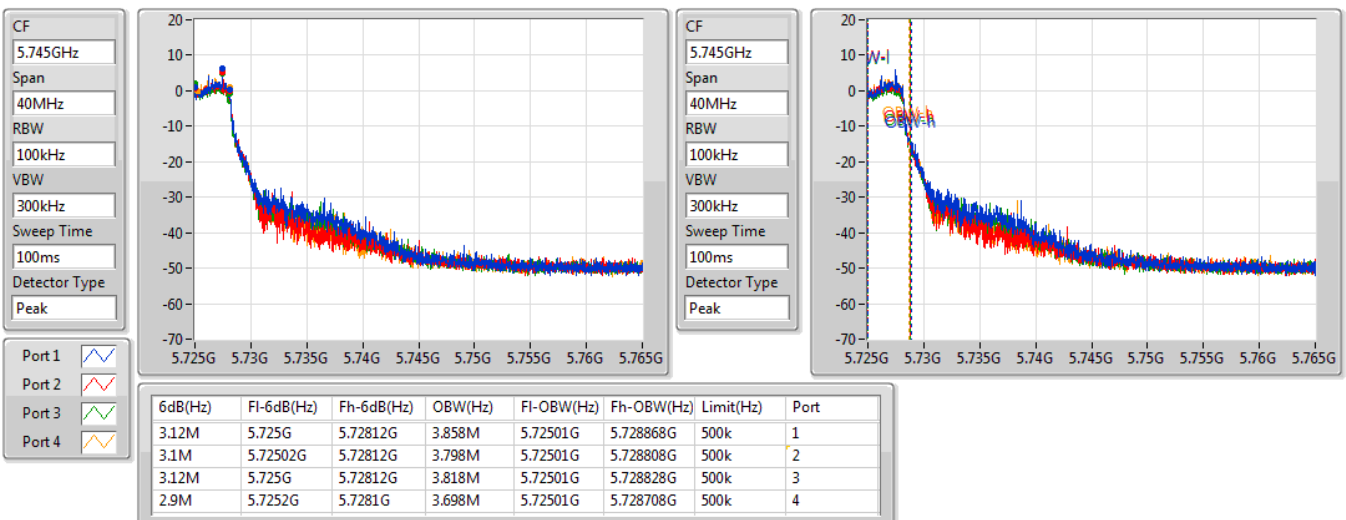


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

14/07/2022

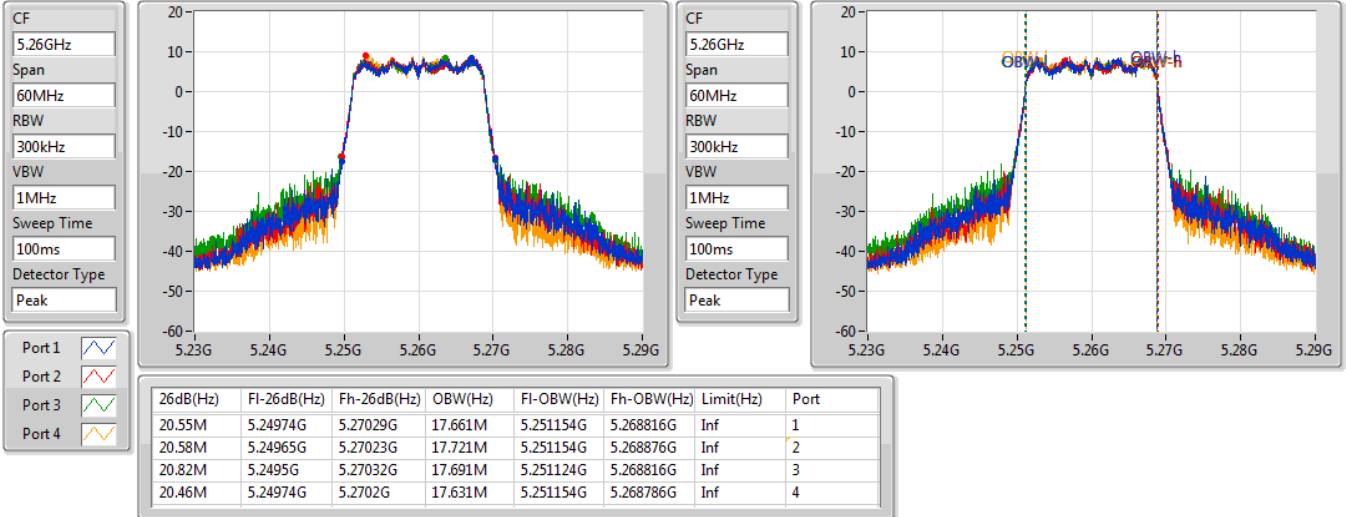


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

14/07/2022

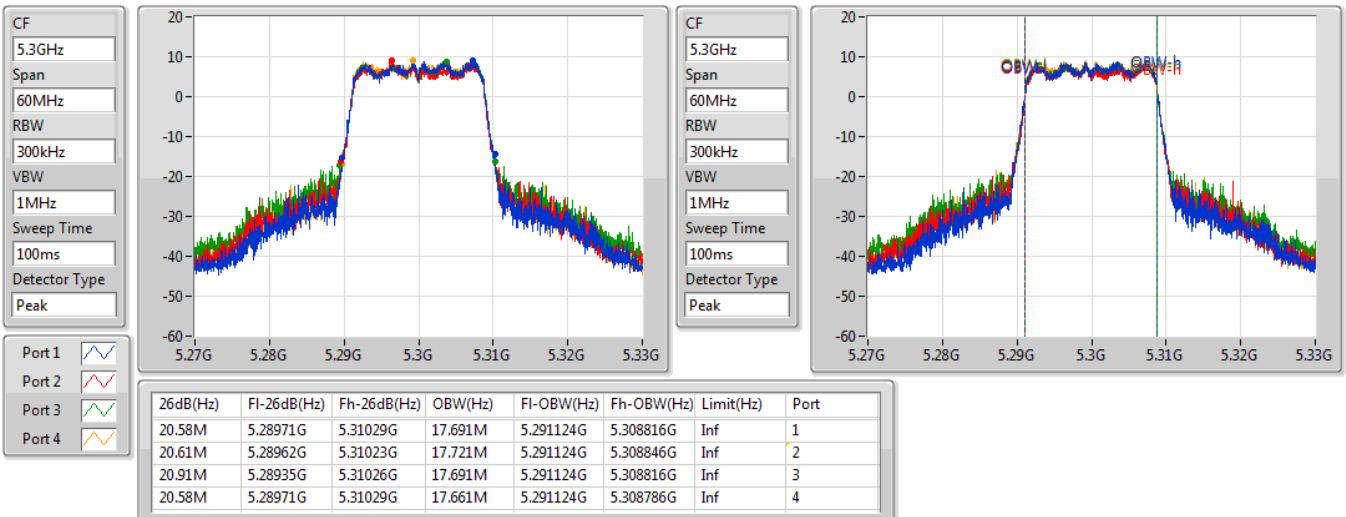


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

14/07/2022

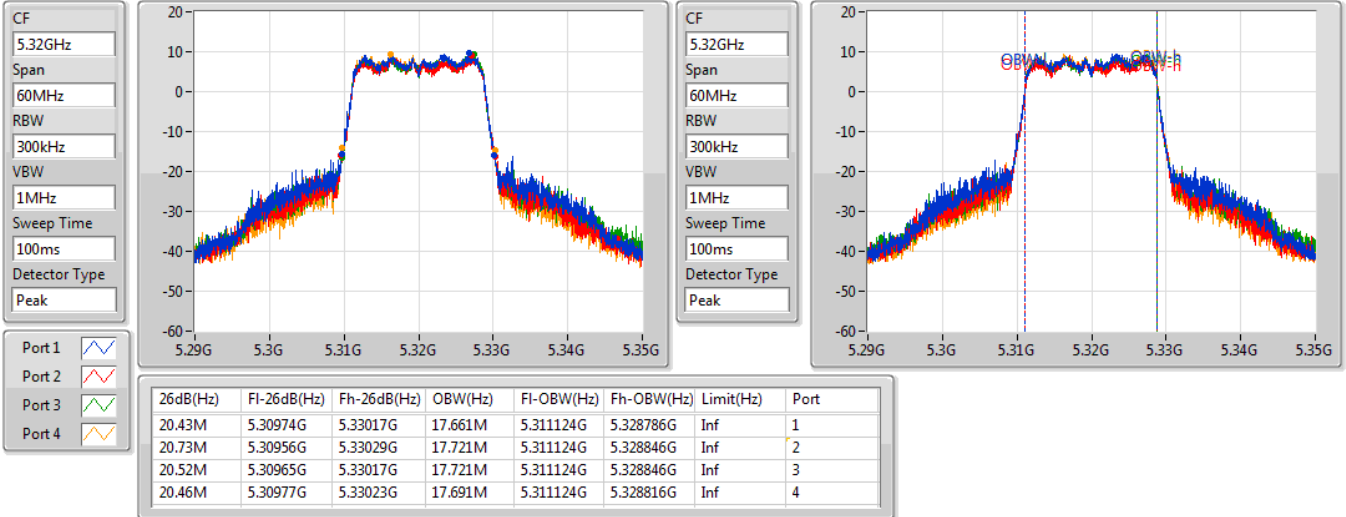


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

14/07/2022

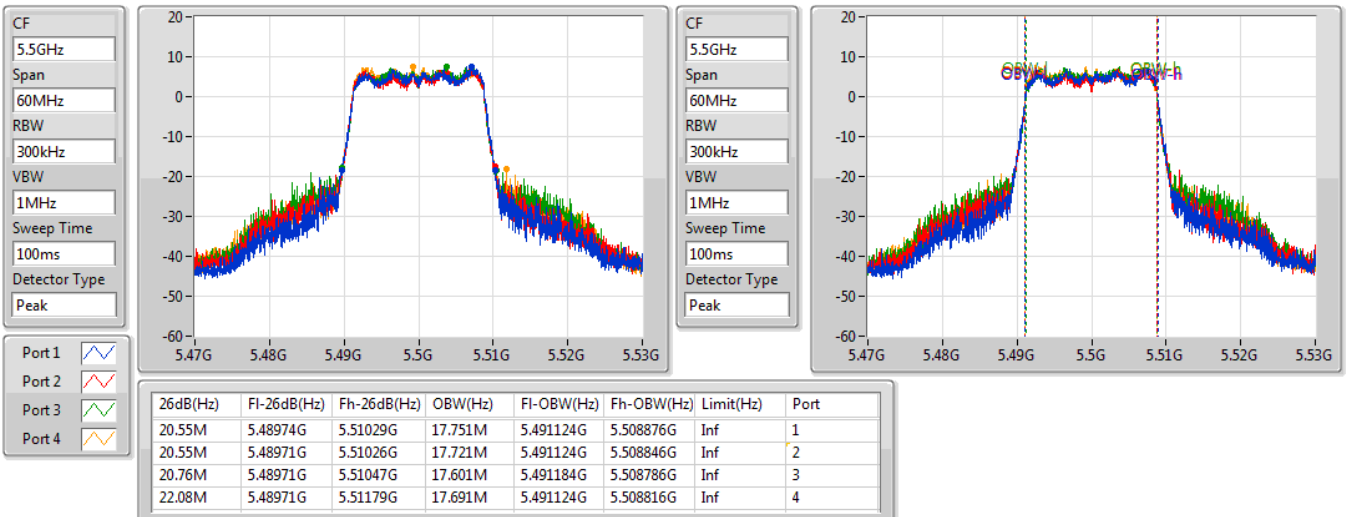


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

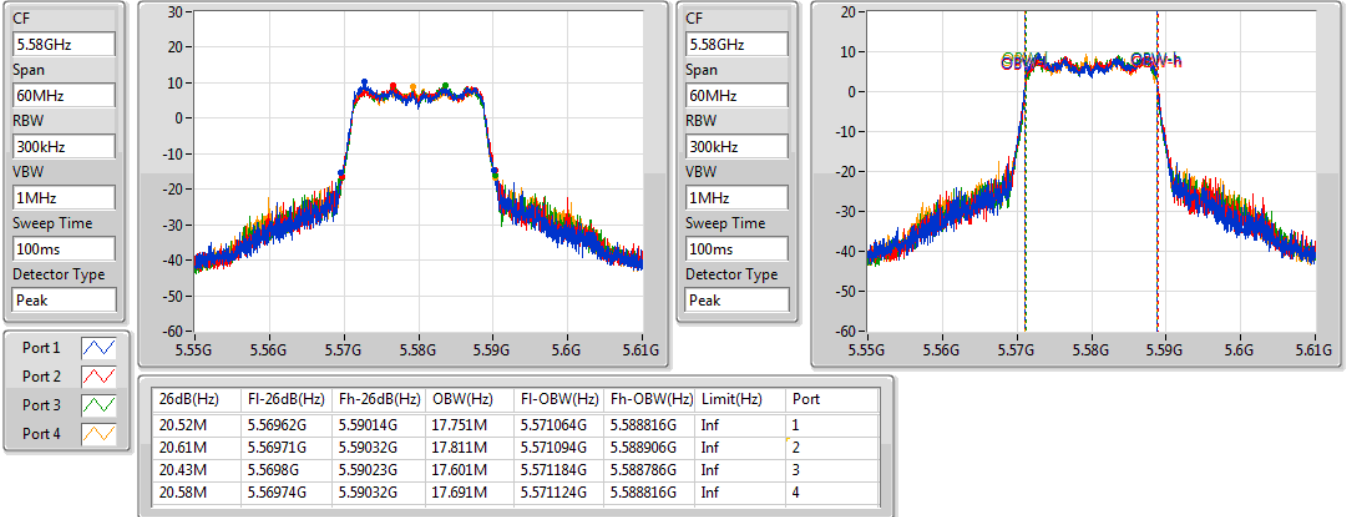
5500MHz

07/07/2022

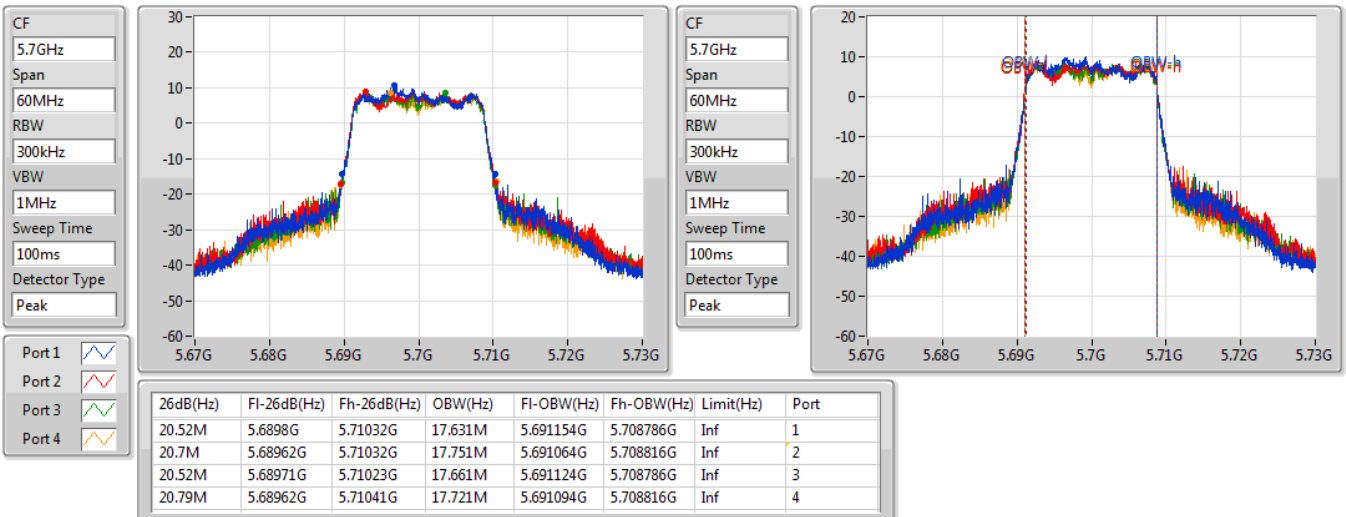


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

14/07/2022

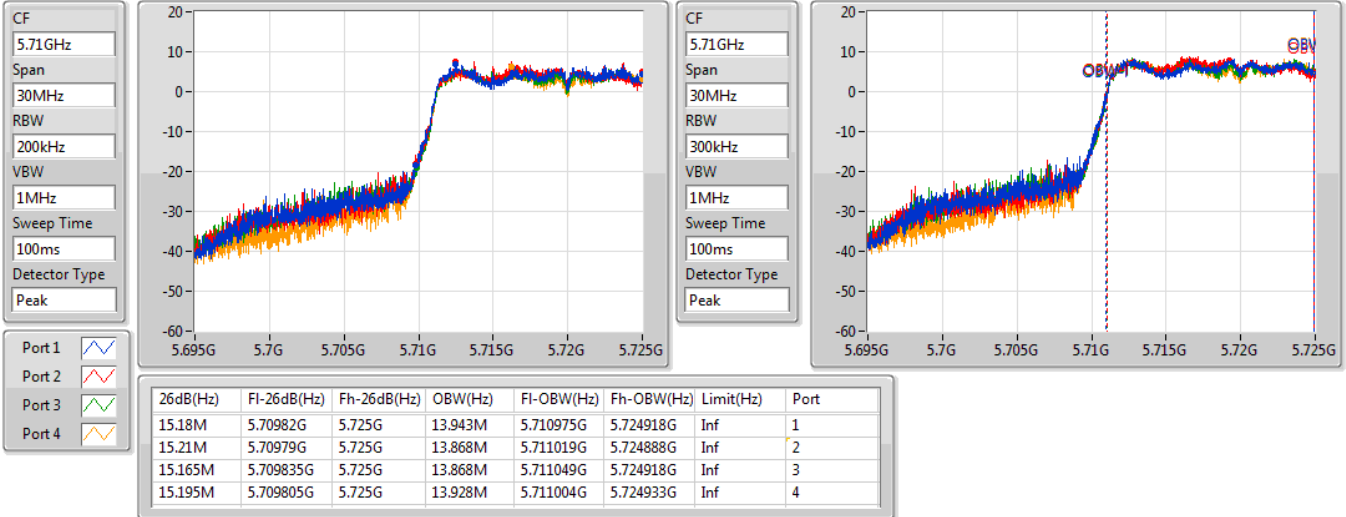

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

14/07/2022

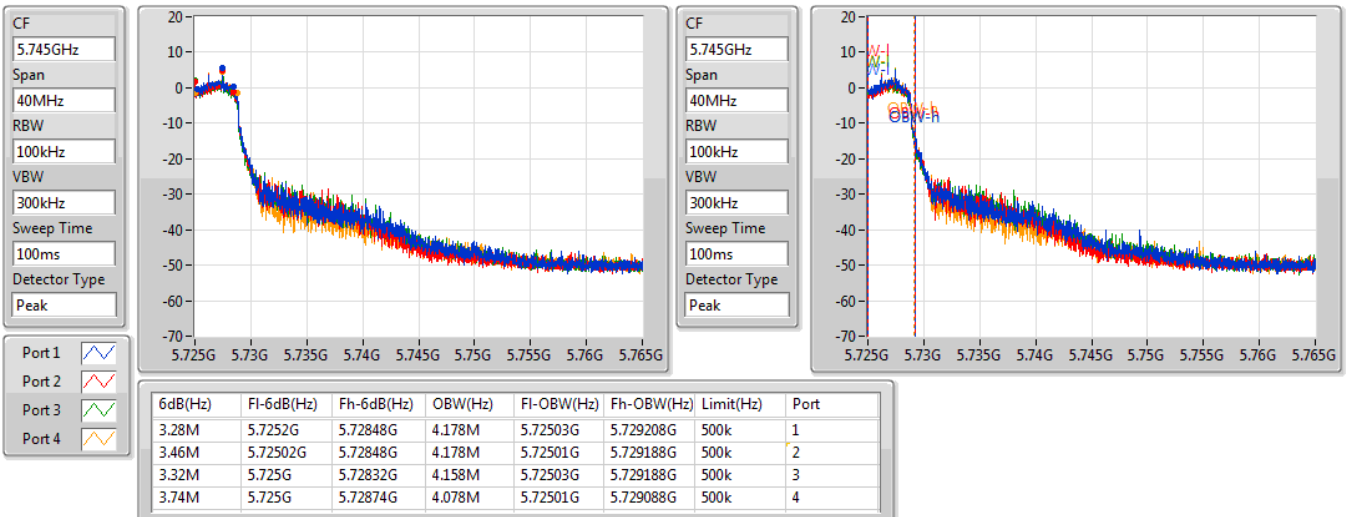


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

07/07/2022


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

07/07/2022

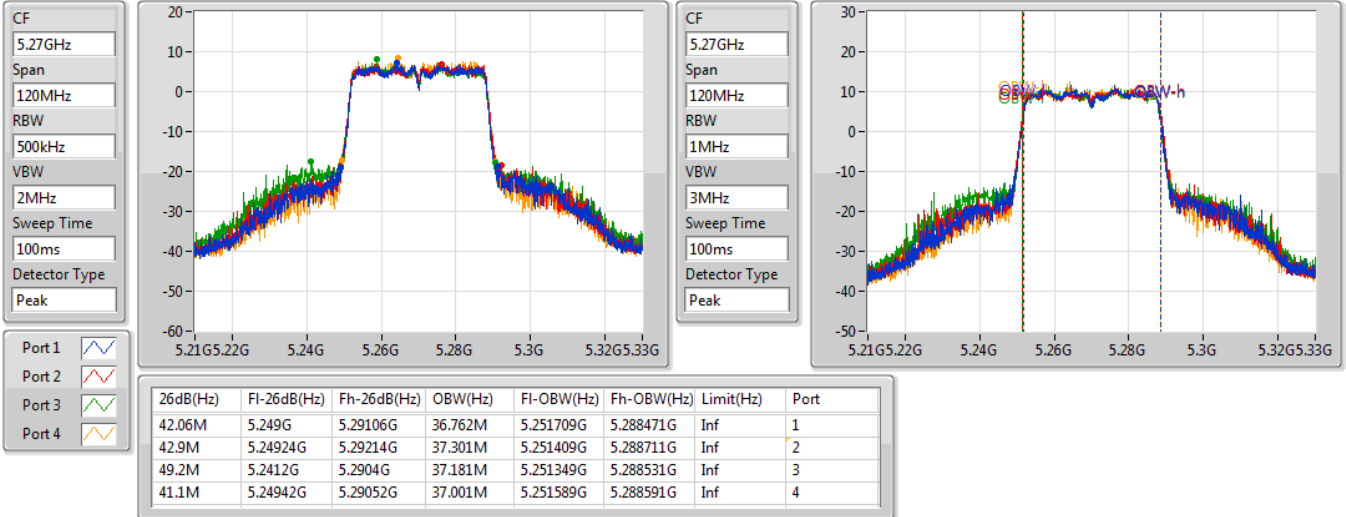


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

07/07/2022

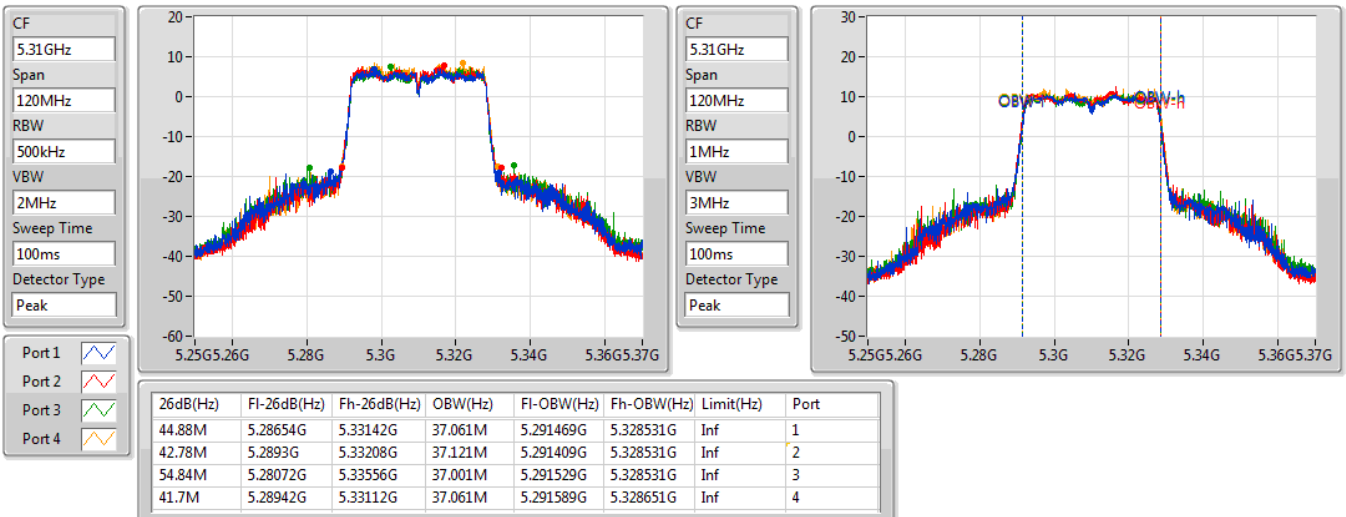


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

07/07/2022

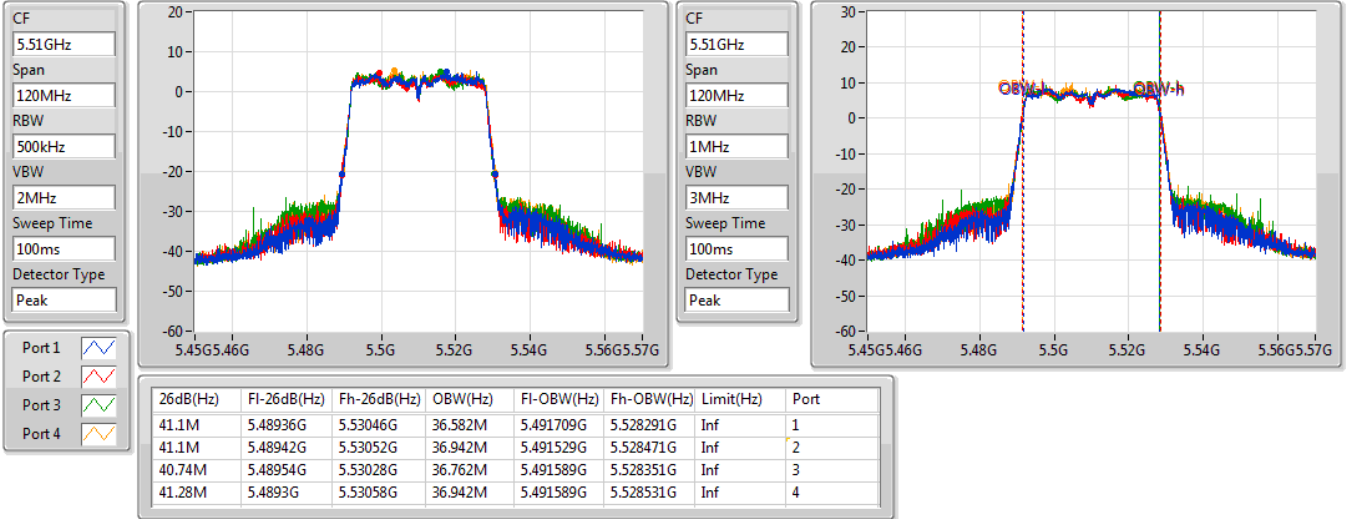


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

07/07/2022

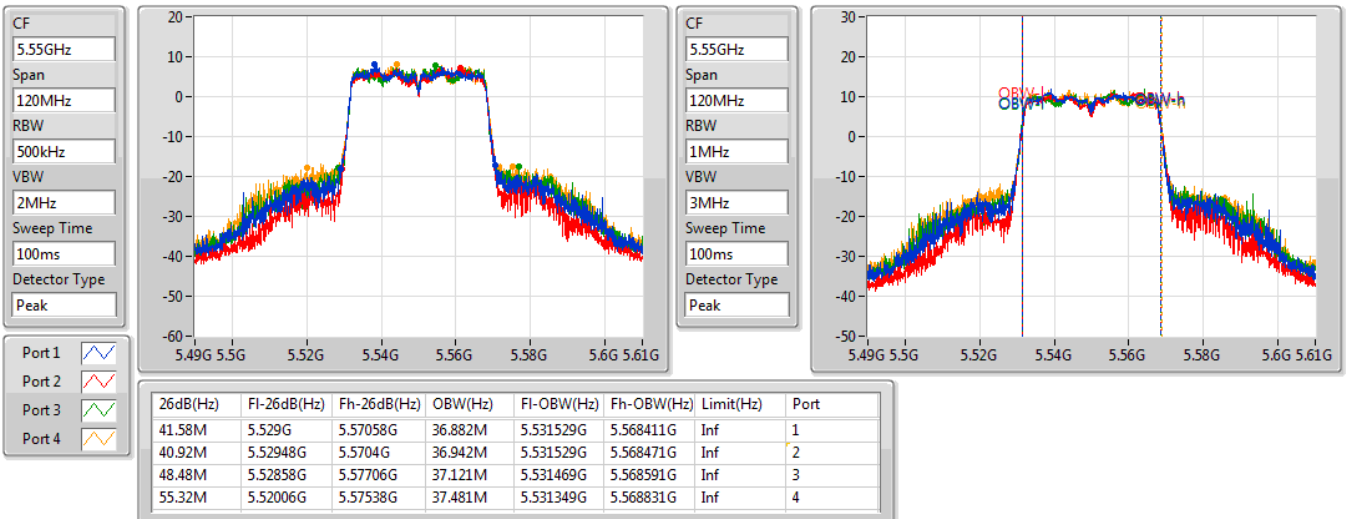


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

07/07/2022

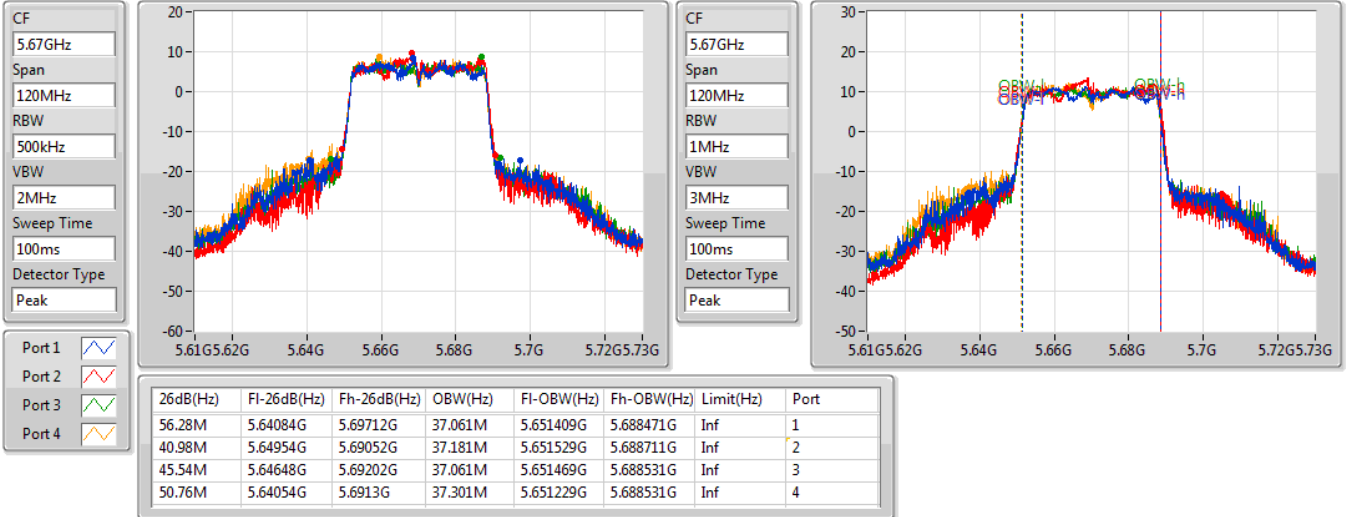


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

07/07/2022

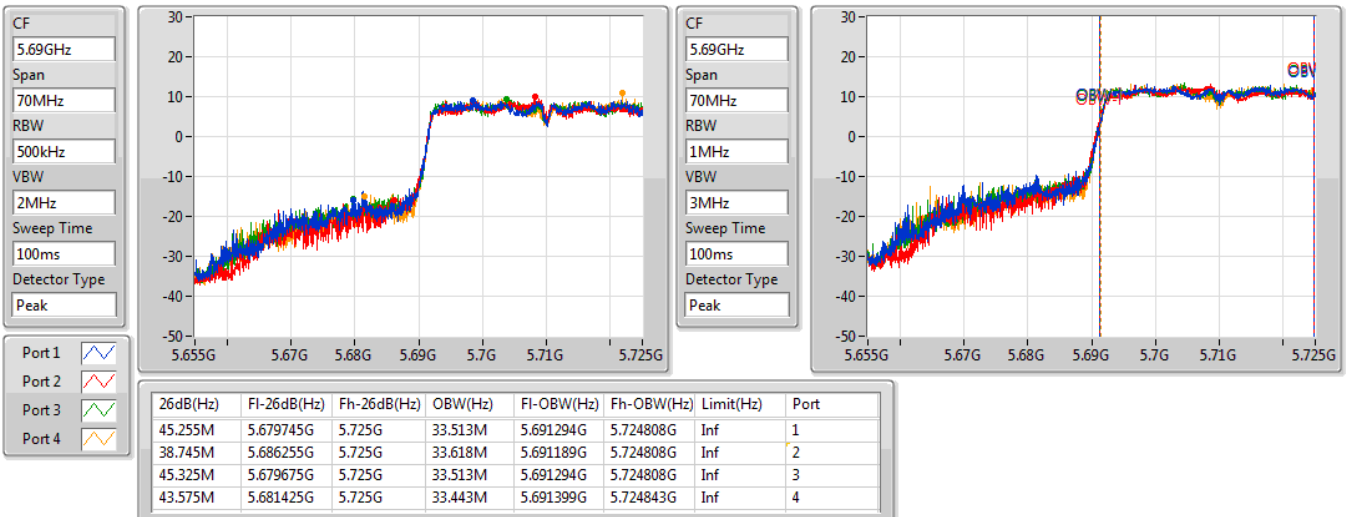


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/07/2022

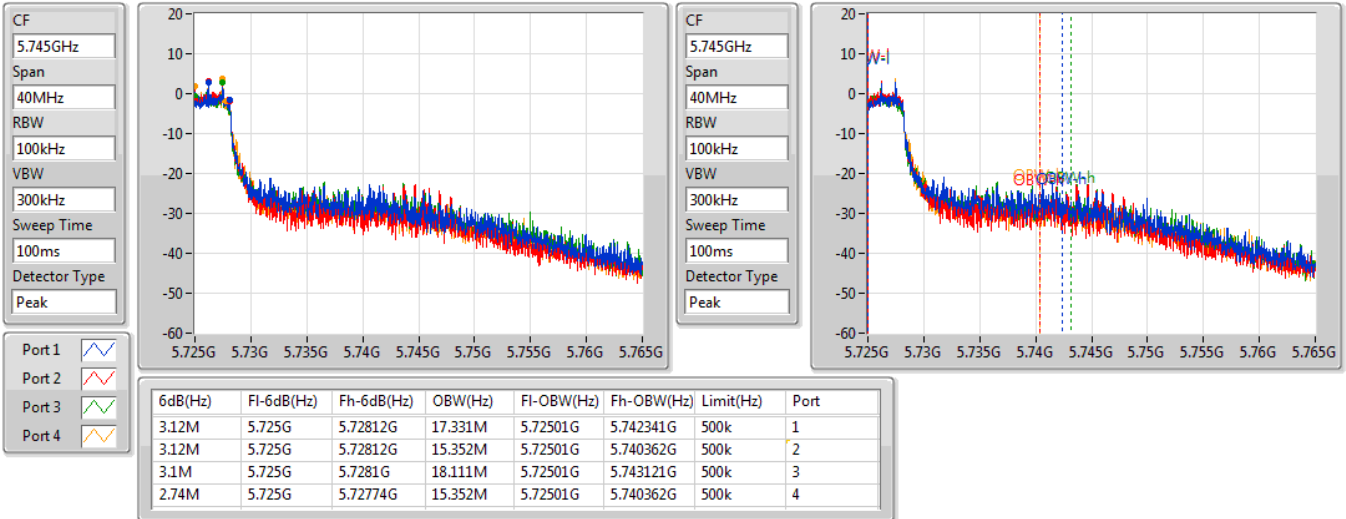


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/07/2022

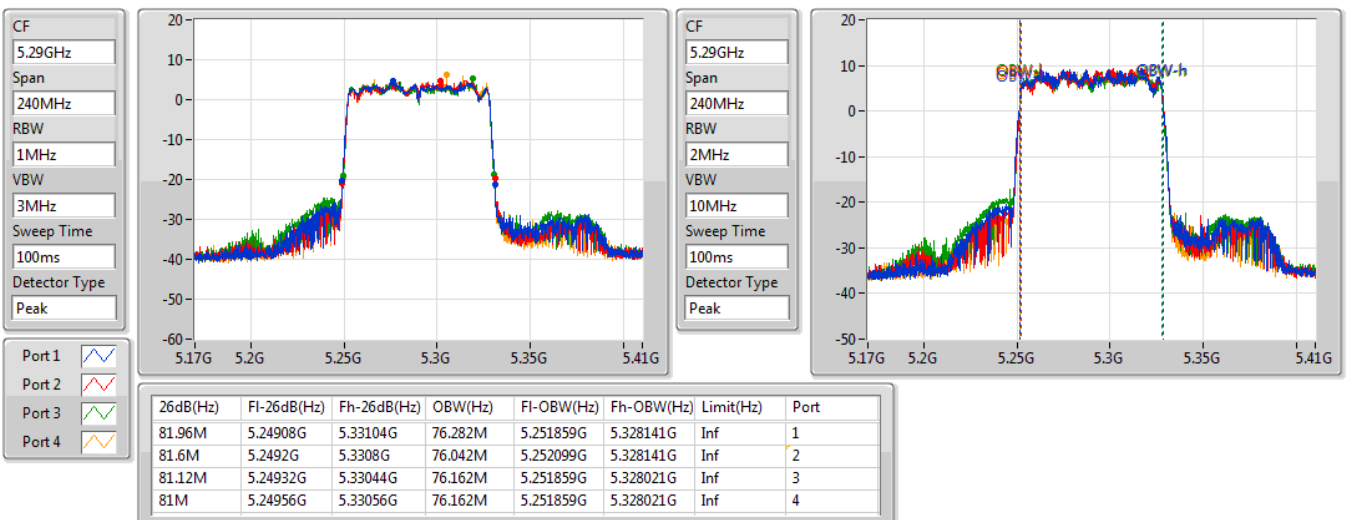


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

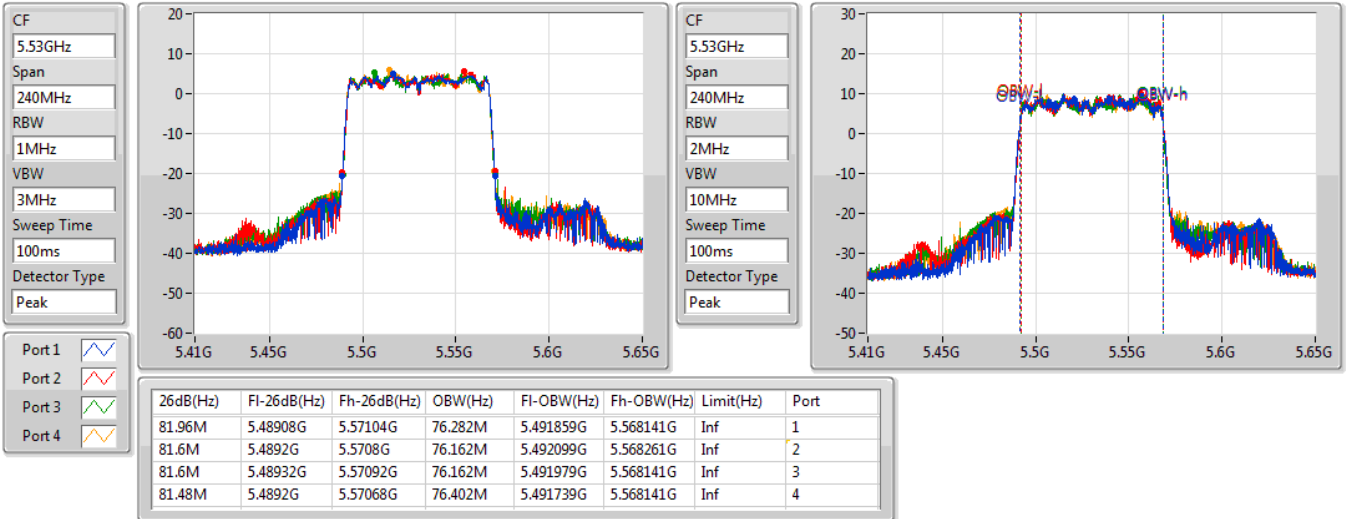
5290MHz

07/07/2022

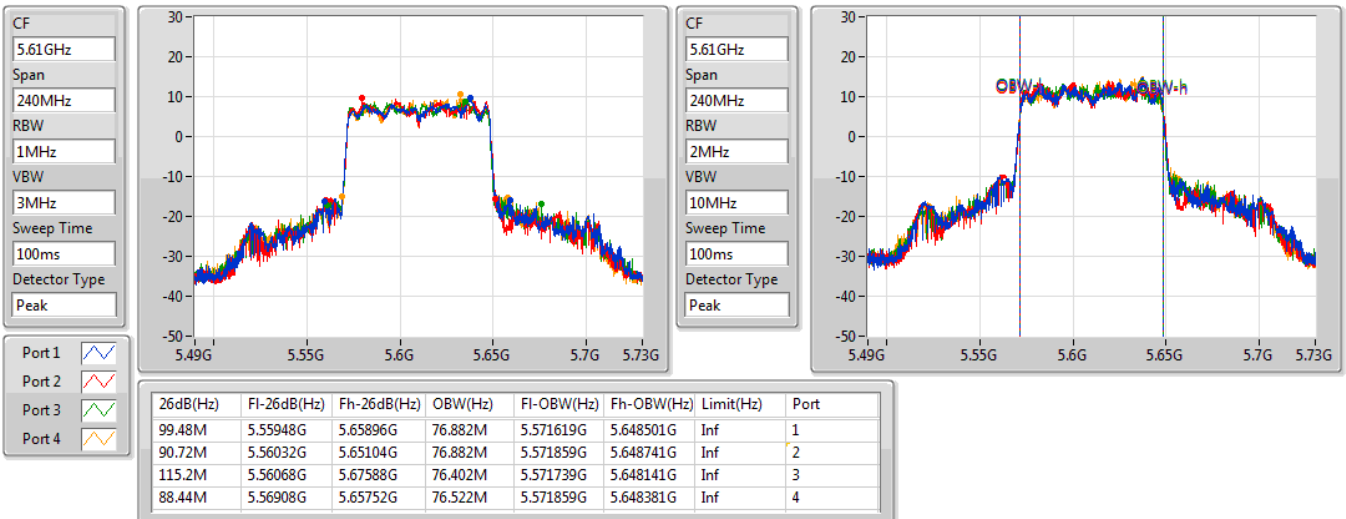


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

07/07/2022

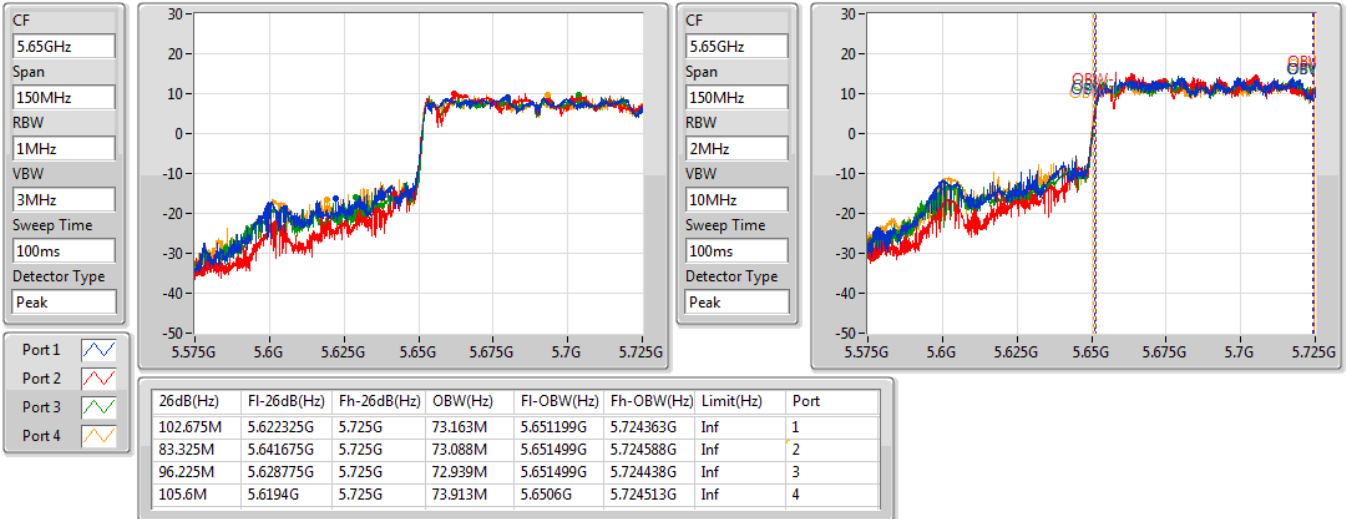

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

07/07/2022

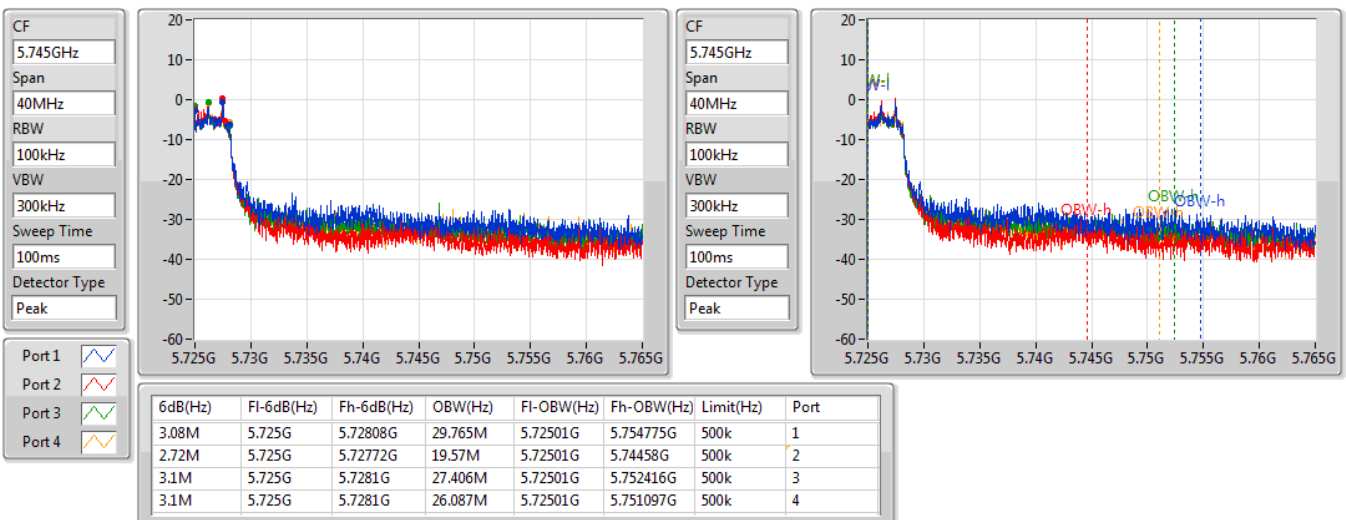


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

07/07/2022


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

07/07/2022



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.30	0.16982	25.16	0.32810
802.11ac VHT20_Nss1,(MCS0)_4TX	23.04	0.20137	25.90	0.38905
802.11ac VHT40_Nss1,(MCS0)_4TX	23.94	0.24774	26.80	0.47863
802.11ac VHT80_Nss1,(MCS0)_4TX	20.08	0.10186	22.94	0.19679
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.61	0.18239	25.39	0.34594
802.11ac VHT20_Nss1,(MCS0)_4TX	23.11	0.20464	25.89	0.38815
802.11ac VHT40_Nss1,(MCS0)_4TX	23.74	0.23659	26.52	0.44875
802.11ac VHT80_Nss1,(MCS0)_4TX	23.75	0.23714	26.53	0.44978
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.86	0.03855	18.45	0.06998
802.11ac VHT20_Nss1,(MCS0)_4TX	15.51	0.03556	18.10	0.06457
802.11ac VHT40_Nss1,(MCS0)_4TX	13.43	0.02203	16.02	0.03999
802.11ac VHT80_Nss1,(MCS0)_4TX	9.74	0.00942	12.33	0.01710



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	2.86	15.29	15.76	16.18	15.75	21.78	23.98	24.64	30.00
5300MHz	Pass	2.86	16.15	16.07	16.40	16.50	22.30	23.98	25.16	30.00
5320MHz	Pass	2.86	16.19	15.76	16.04	16.56	22.17	23.98	25.03	30.00
5500MHz	Pass	2.78	16.48	16.24	16.51	16.61	22.48	23.98	25.26	30.00
5580MHz	Pass	2.78	16.63	16.52	16.77	16.45	22.61	23.98	25.39	30.00
5700MHz	Pass	2.78	16.15	16.31	16.25	16.28	22.27	23.98	25.05	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.78	16.92	15.94	15.76	16.11	22.23	22.76	25.01	28.76
5720MHz Straddle 5.725-5.85GHz	Pass	2.59	9.88	9.91	9.26	10.26	15.86	30.00	18.45	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	2.86	16.65	16.81	16.56	16.73	22.71	23.98	25.57	30.00
5300MHz	Pass	2.86	16.92	16.50	16.69	17.03	22.81	23.98	25.67	30.00
5320MHz	Pass	2.86	17.36	16.66	16.96	17.07	23.04	23.98	25.90	30.00
5500MHz	Pass	2.78	16.68	16.27	16.89	16.87	22.71	23.98	25.49	30.00
5580MHz	Pass	2.78	17.22	17.25	16.98	16.91	23.11	23.98	25.89	30.00
5700MHz	Pass	2.78	17.27	17.12	16.55	16.40	22.87	23.98	25.65	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.78	15.59	15.66	15.40	15.05	21.45	22.81	24.23	28.81
5720MHz Straddle 5.725-5.85GHz	Pass	2.59	9.87	9.37	9.06	9.61	15.51	30.00	18.10	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	2.86	17.83	17.83	17.58	17.87	23.80	23.98	26.66	30.00
5310MHz	Pass	2.86	17.79	18.10	17.59	18.17	23.94	23.98	26.80	30.00
5510MHz	Pass	2.78	14.75	14.80	14.95	15.04	20.91	23.98	23.69	30.00
5550MHz	Pass	2.78	17.79	17.44	17.66	17.51	23.62	23.98	26.40	30.00
5670MHz	Pass	2.78	17.45	18.12	17.65	17.64	23.74	23.98	26.52	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.78	17.77	17.67	17.82	17.36	23.68	23.98	26.46	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.59	7.10	7.87	7.29	7.33	13.43	30.00	16.02	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	2.86	14.25	14.08	13.91	14.01	20.08	23.98	22.94	30.00
5530MHz	Pass	2.78	14.50	14.47	14.30	14.32	20.42	23.98	23.20	30.00
5610MHz	Pass	2.78	17.69	17.64	17.62	17.95	23.75	23.98	26.53	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.78	17.80	17.76	17.55	17.25	23.62	23.98	26.40	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.59	3.58	4.04	3.47	3.75	9.74	30.00	12.33	36.00

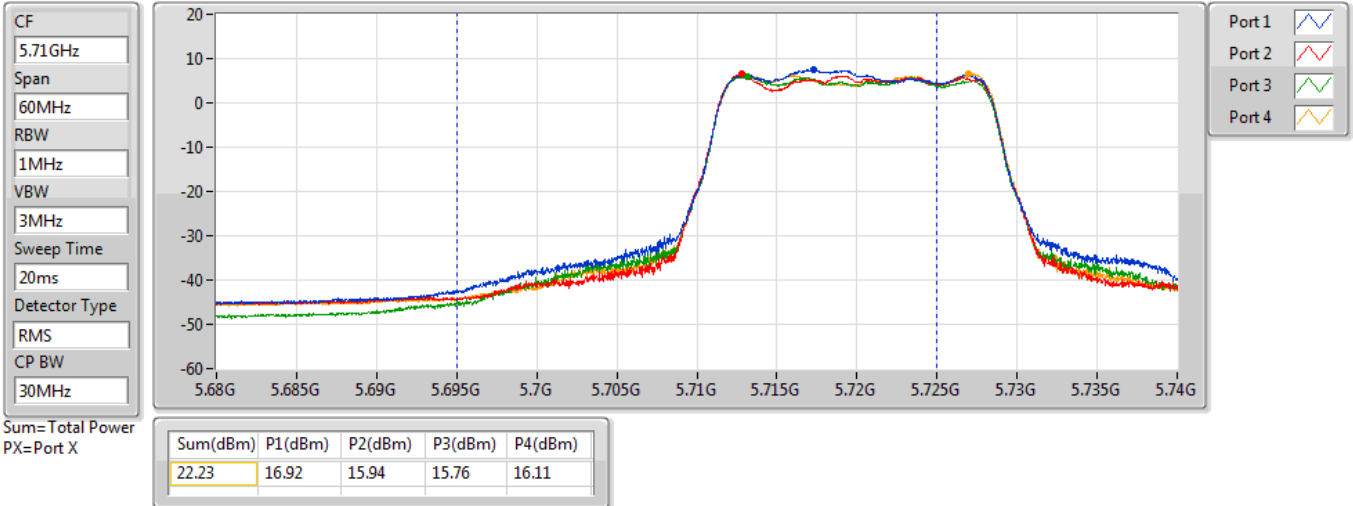
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

14/07/2022

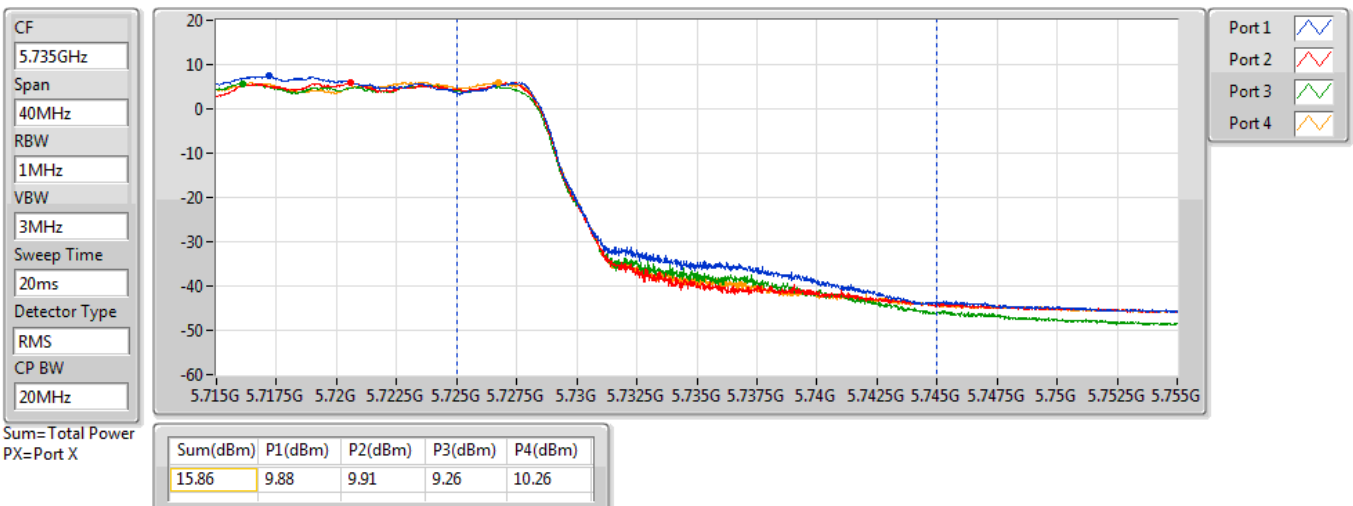


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

14/07/2022

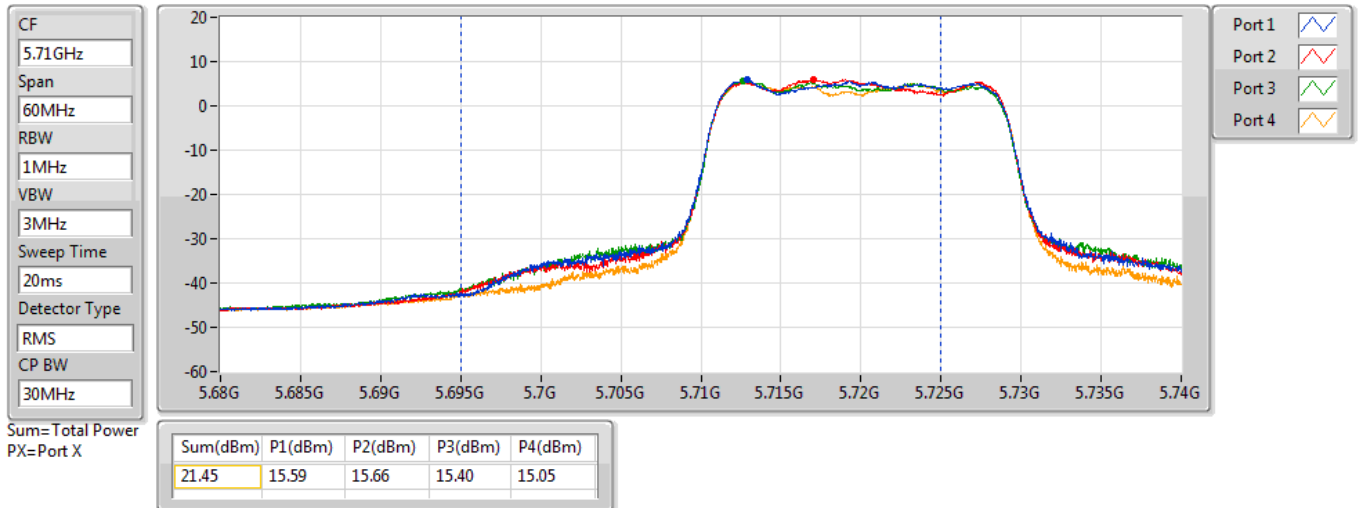


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

07/07/2022

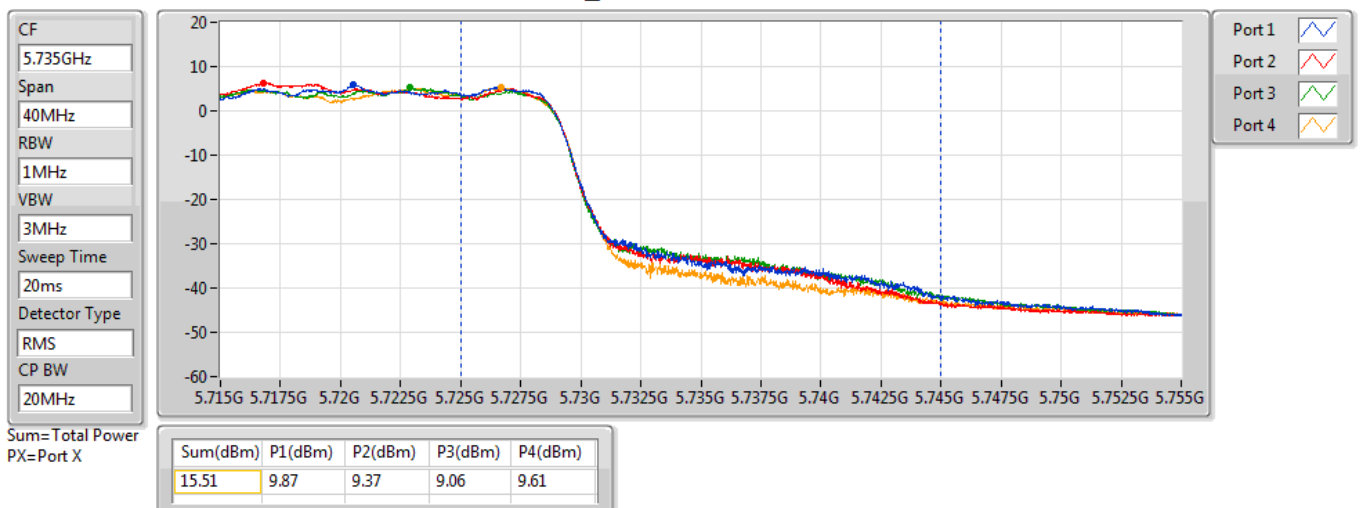


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

07/07/2022

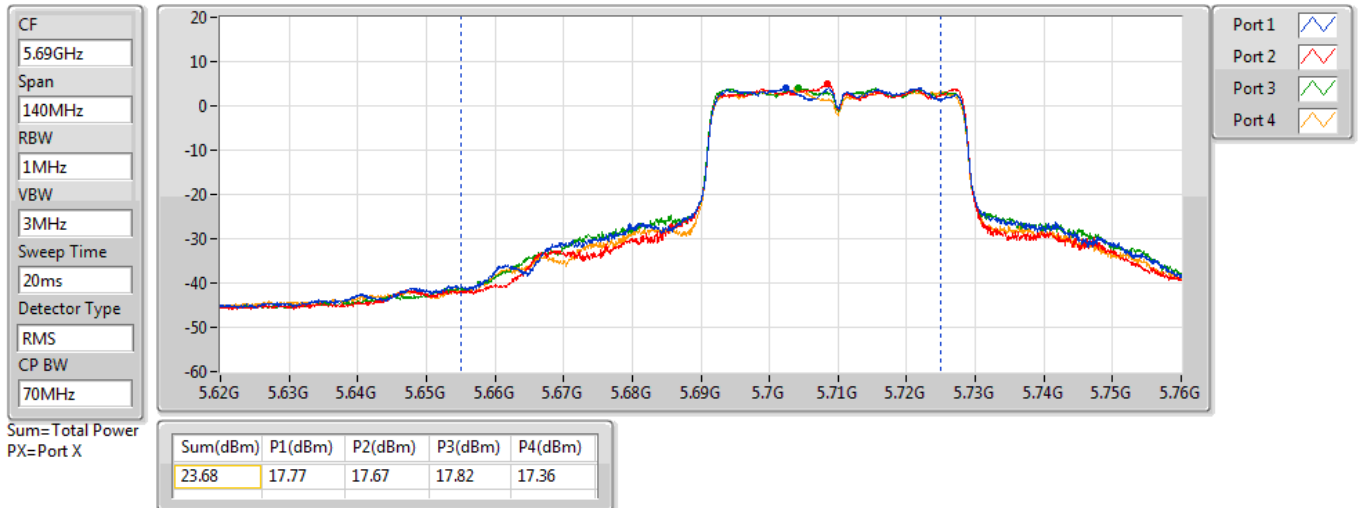


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

AV Power

07/07/2022

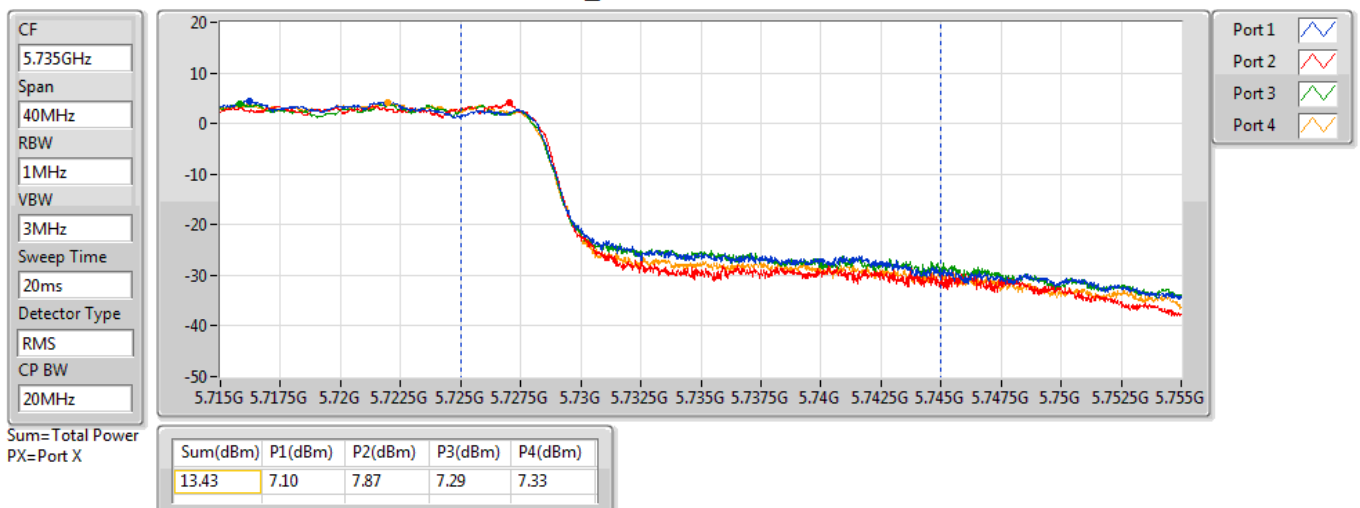


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz_TX

AV Power

07/07/2022



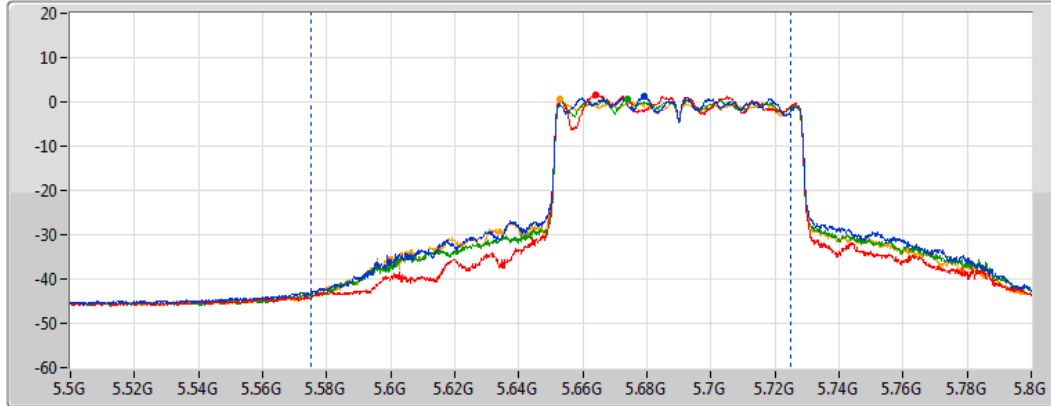
802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

07/07/2022

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.62	17.80	17.76	17.55	17.25

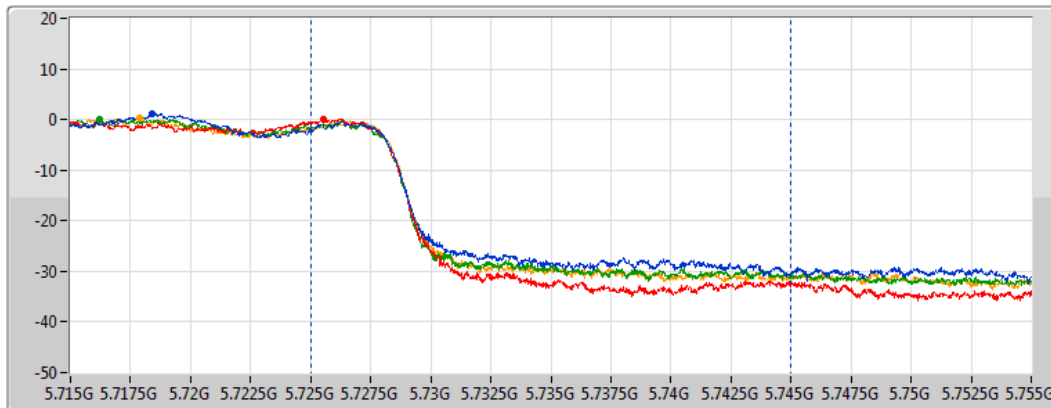
802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

07/07/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.74	3.58	4.04	3.47	3.75

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.99	15.77
802.11ac VHT20_Nss1,(MCS0)_4TX	10.95	15.73
802.11ac VHT40_Nss1,(MCS0)_4TX	7.10	11.88
802.11ac VHT80_Nss1,(MCS0)_4TX	0.36	5.14
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.97	14.85
802.11ac VHT20_Nss1,(MCS0)_4TX	10.81	14.69
802.11ac VHT40_Nss1,(MCS0)_4TX	8.17	12.05
802.11ac VHT80_Nss1,(MCS0)_4TX	4.88	8.76
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.76	13.29
802.11ac VHT20_Nss1,(MCS0)_4TX	8.69	13.22
802.11ac VHT40_Nss1,(MCS0)_4TX	5.82	10.35
802.11ac VHT80_Nss1,(MCS0)_4TX	2.57	7.10

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	4.13	5.12	4.88	4.31	10.39	11.00	15.17	17.00
5300MHz	Pass	4.78	4.79	5.14	5.44	5.03	10.85	11.00	15.63	17.00
5320MHz	Pass	4.78	5.02	4.56	5.40	5.44	10.99	11.00	15.77	17.00
5500MHz	Pass	3.88	4.96	4.96	5.01	5.12	10.62	11.00	14.50	17.00
5580MHz	Pass	3.88	5.59	5.33	5.37	4.57	10.97	11.00	14.85	17.00
5700MHz	Pass	3.88	5.95	5.02	5.13	5.02	10.76	11.00	14.64	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.88	5.77	4.71	4.68	5.17	10.66	11.00	14.54	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.53	2.87	2.77	2.46	3.51	8.76	30.00	13.29	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	4.58	5.02	4.41	4.36	10.36	11.00	15.14	17.00
5300MHz	Pass	4.78	4.86	4.59	4.56	5.08	10.27	11.00	15.05	17.00
5320MHz	Pass	4.78	5.49	5.04	5.28	5.08	10.95	11.00	15.73	17.00
5500MHz	Pass	3.88	4.62	5.18	4.90	4.95	10.50	11.00	14.38	17.00
5580MHz	Pass	3.88	5.54	4.85	5.07	4.89	10.55	11.00	14.43	17.00
5700MHz	Pass	3.88	6.10	5.07	3.95	4.04	10.60	11.00	14.48	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.88	5.78	5.37	5.39	4.83	10.81	11.00	14.69	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.53	2.89	3.21	2.43	2.79	8.69	30.00	13.22	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	4.78	1.48	1.07	0.45	0.73	6.56	11.00	11.34	17.00
5310MHz	Pass	4.78	0.94	1.83	0.93	1.47	7.10	11.00	11.88	17.00
5510MHz	Pass	3.88	-1.95	-1.82	-1.46	-2.09	4.03	11.00	7.91	17.00
5550MHz	Pass	3.88	1.75	0.86	1.60	1.26	6.63	11.00	10.51	17.00
5670MHz	Pass	3.88	1.64	3.23	0.99	1.38	7.21	11.00	11.09	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.88	2.53	3.06	2.74	2.58	8.17	11.00	12.05	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.53	-0.27	0.20	0.34	0.12	5.82	30.00	10.35	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.78	-5.14	-5.35	-5.61	-5.59	0.36	11.00	5.14	17.00
5530MHz	Pass	3.88	-4.71	-3.92	-4.67	-4.88	1.09	11.00	4.97	17.00
5610MHz	Pass	3.88	0.29	-0.81	-1.19	0.26	4.88	11.00	8.76	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.88	-0.03	0.26	-1.09	-0.62	4.88	11.00	8.76	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.53	-3.37	-3.08	-3.51	-3.17	2.57	30.00	7.10	36.00

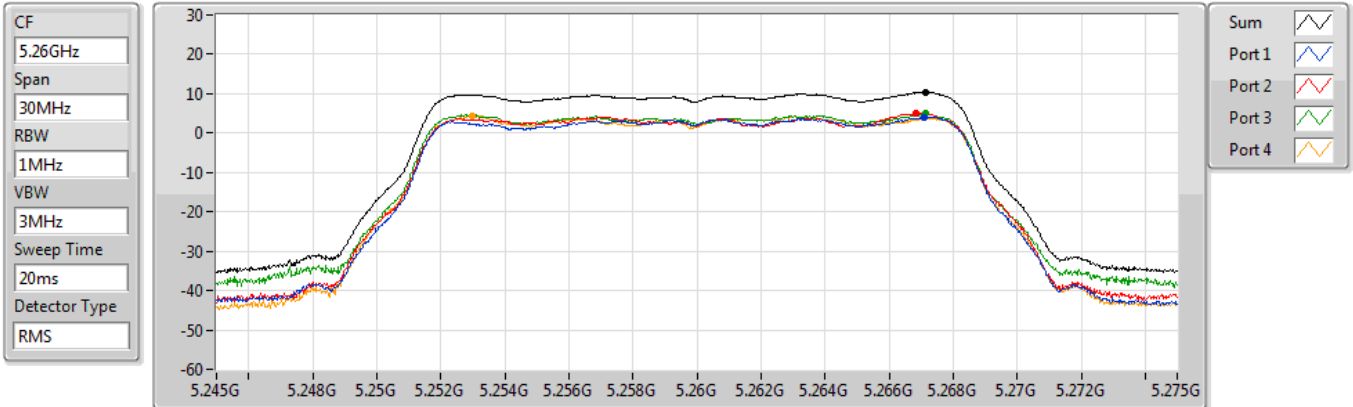
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

14/07/2022



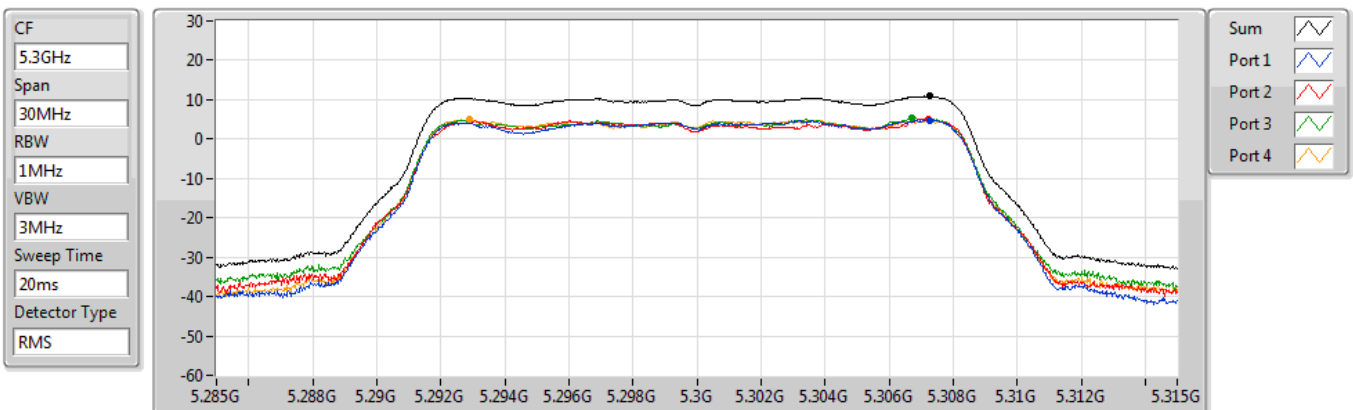
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.39	10.39	4.13	5.12	4.88	4.31

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

14/07/2022



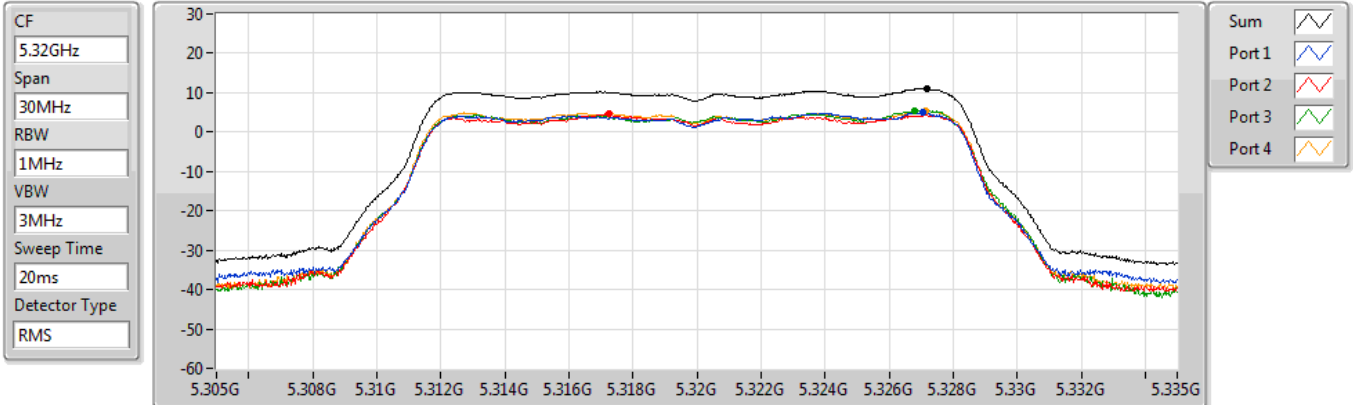
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	4.79	5.14	5.44	5.03

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

14/07/2022



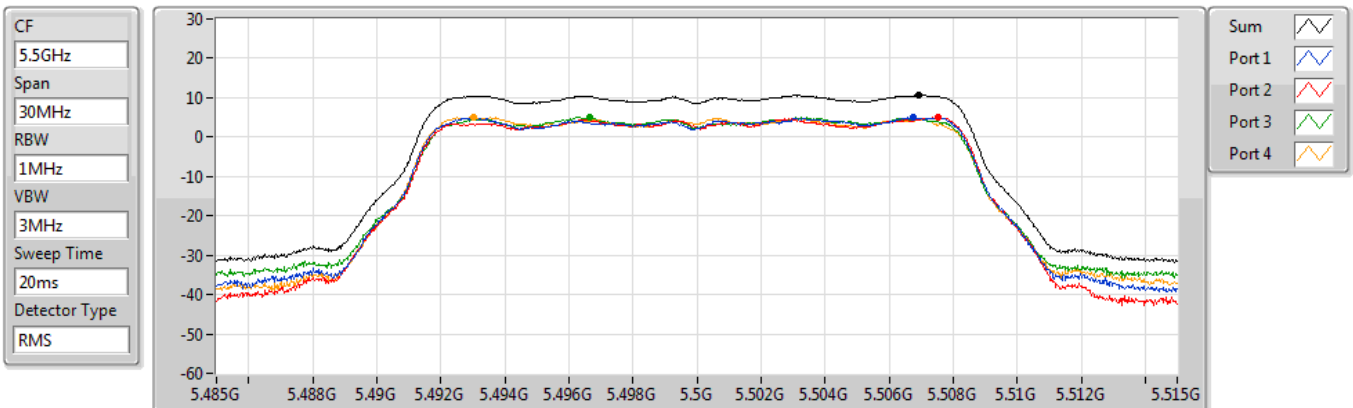
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	5.02	4.56	5.40	5.44

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

14/07/2022



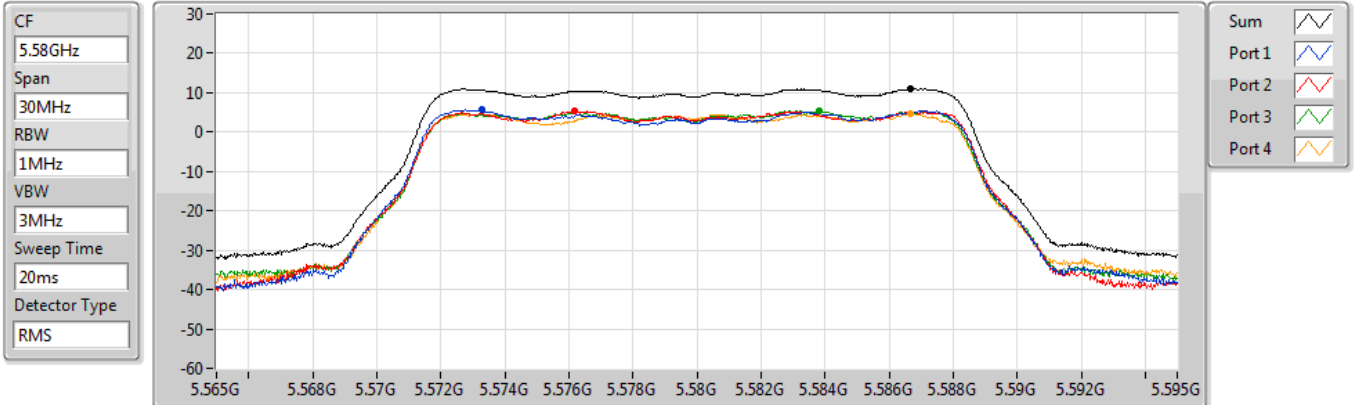
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.96	4.96	5.01	5.12

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

14/07/2022



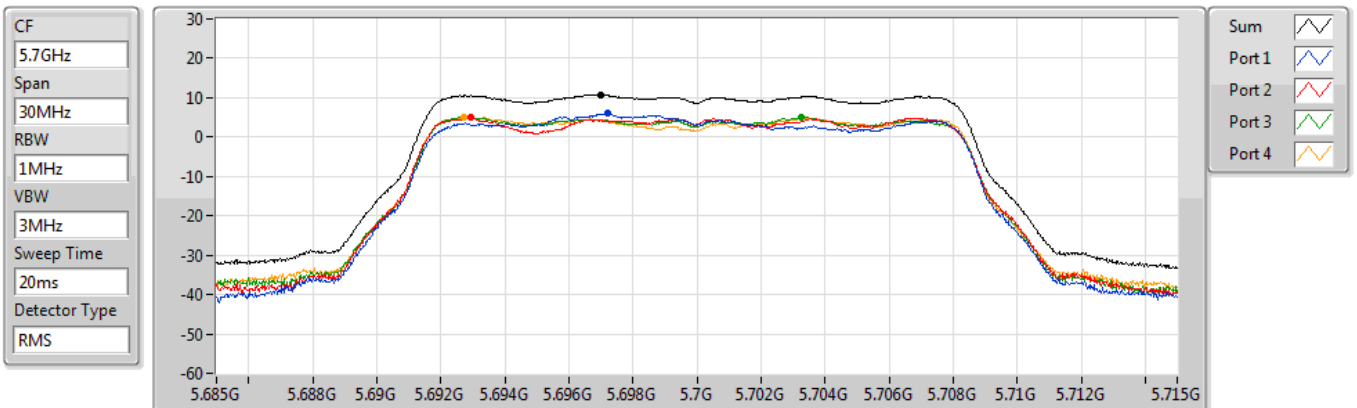
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.59	5.33	5.37	4.57

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

14/07/2022



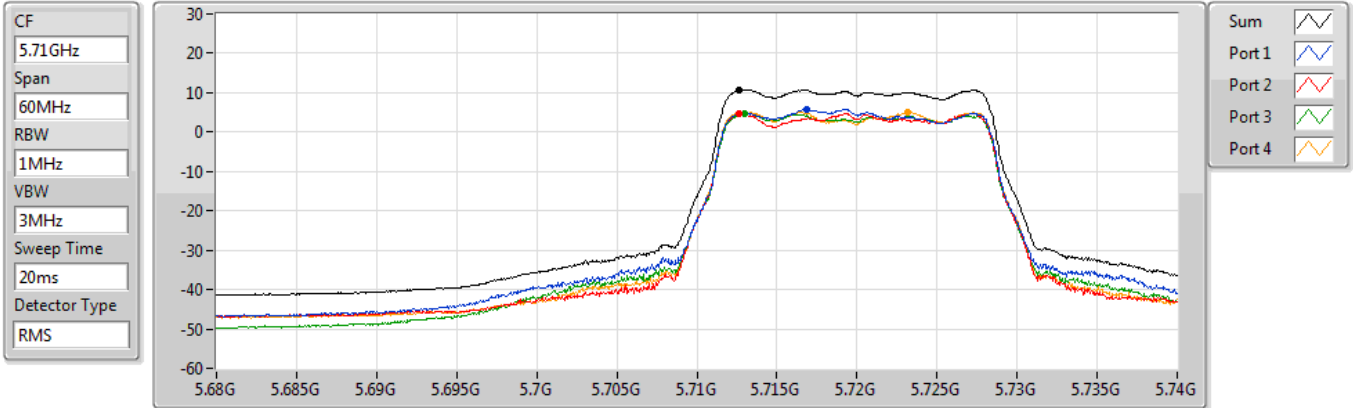
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	5.95	5.02	5.13	5.02

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

14/07/2022



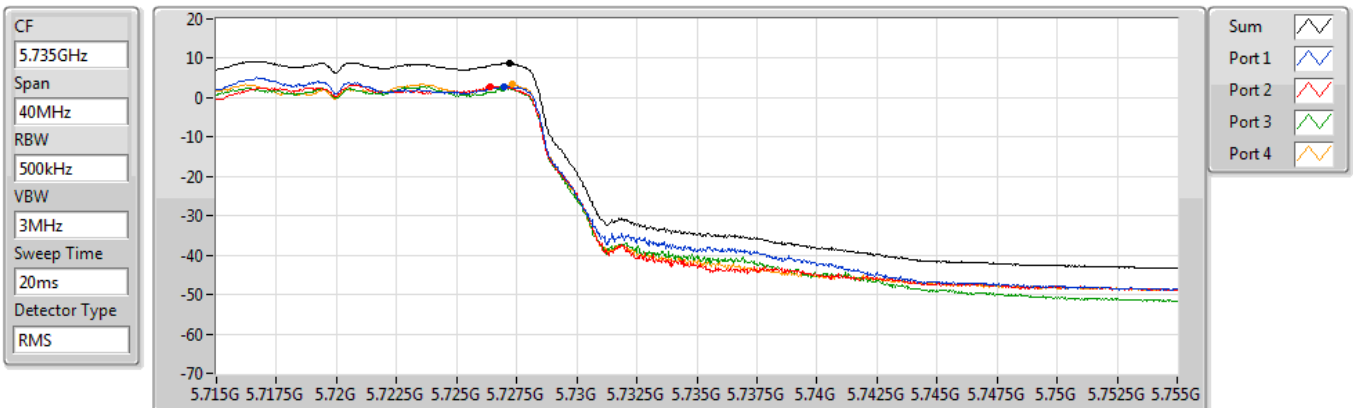
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	5.77	4.71	4.68	5.17

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

14/07/2022



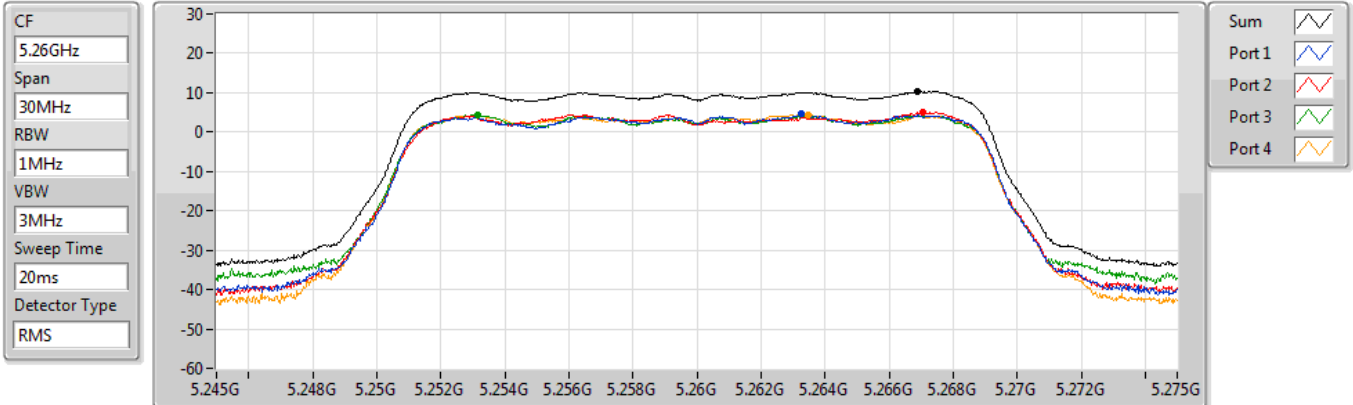
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	2.87	2.77	2.46	3.51

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

14/07/2022

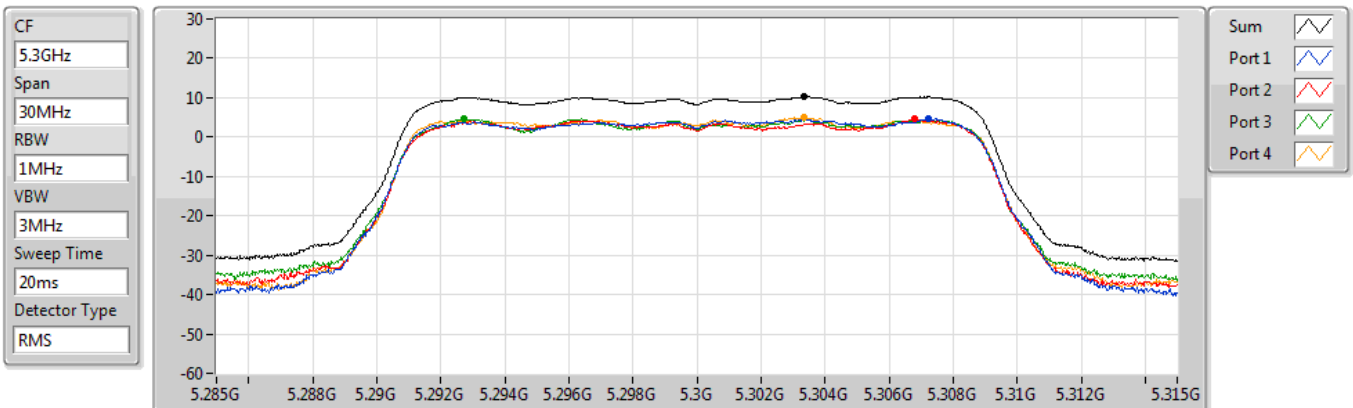


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

14/07/2022

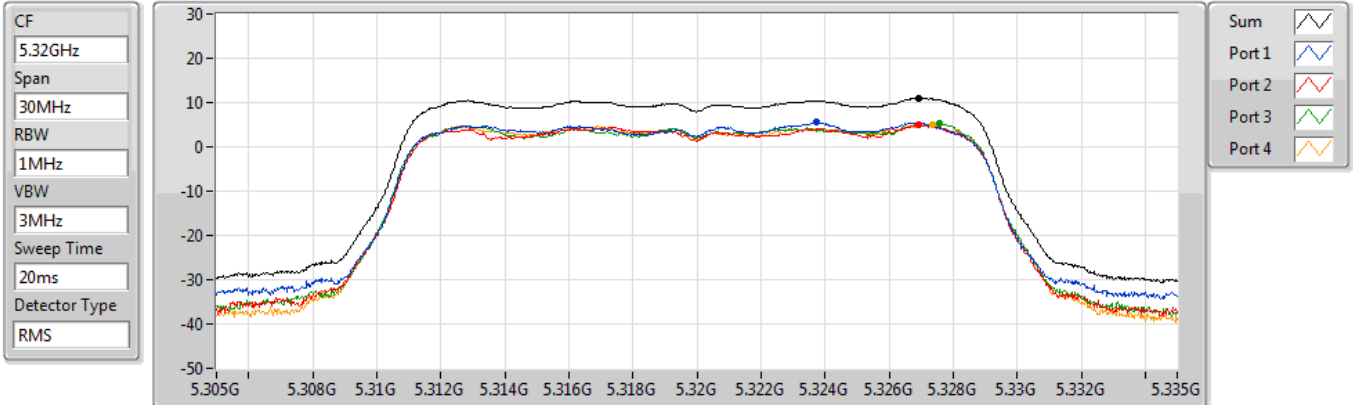


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

14/07/2022

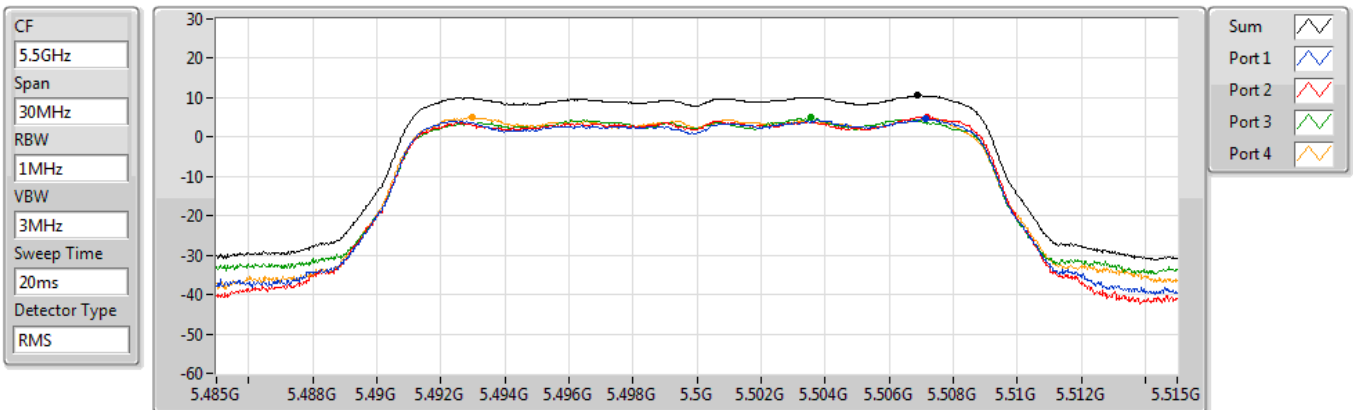


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

14/07/2022

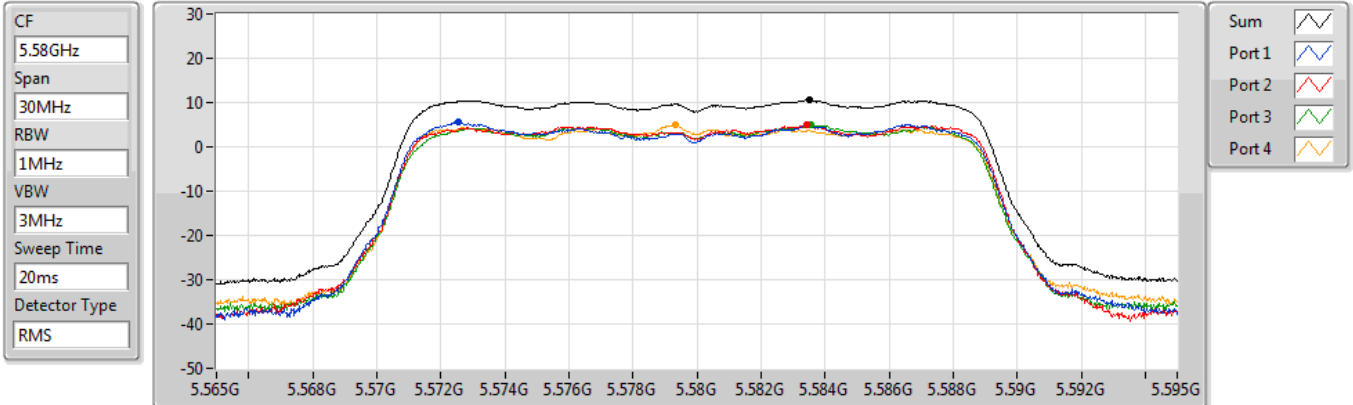


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

14/07/2022



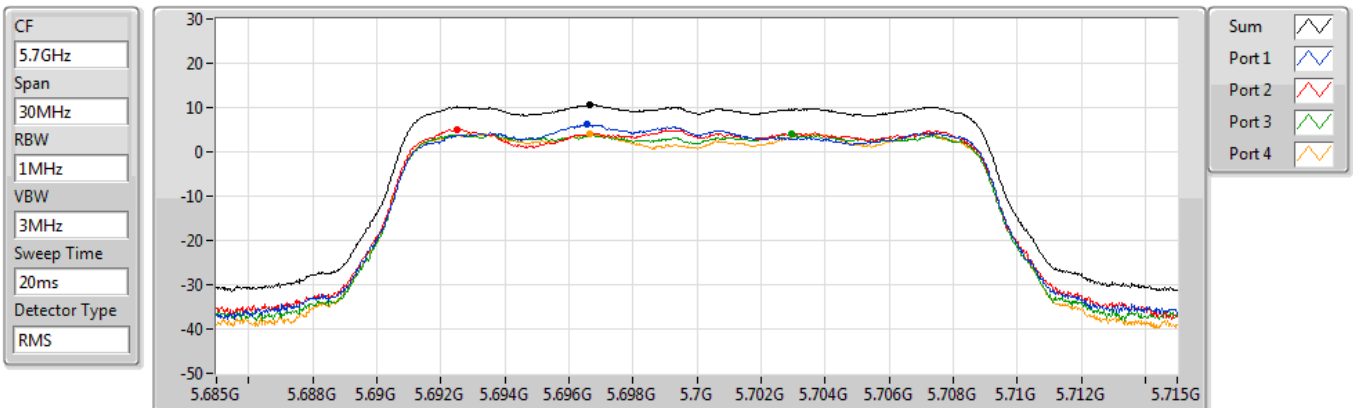
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	5.54	4.85	5.07	4.89

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

14/07/2022



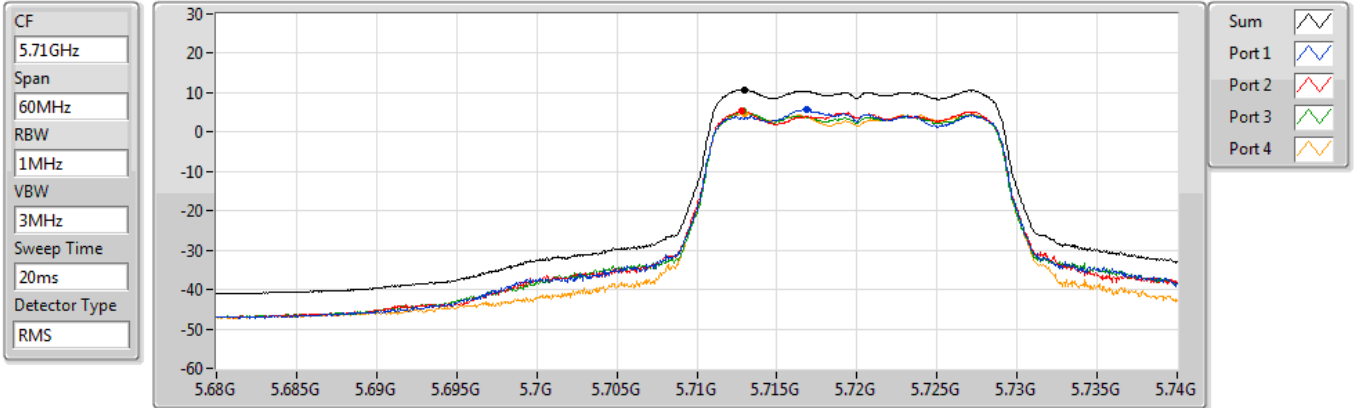
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	6.10	5.07	3.95	4.04

802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

14/07/2022

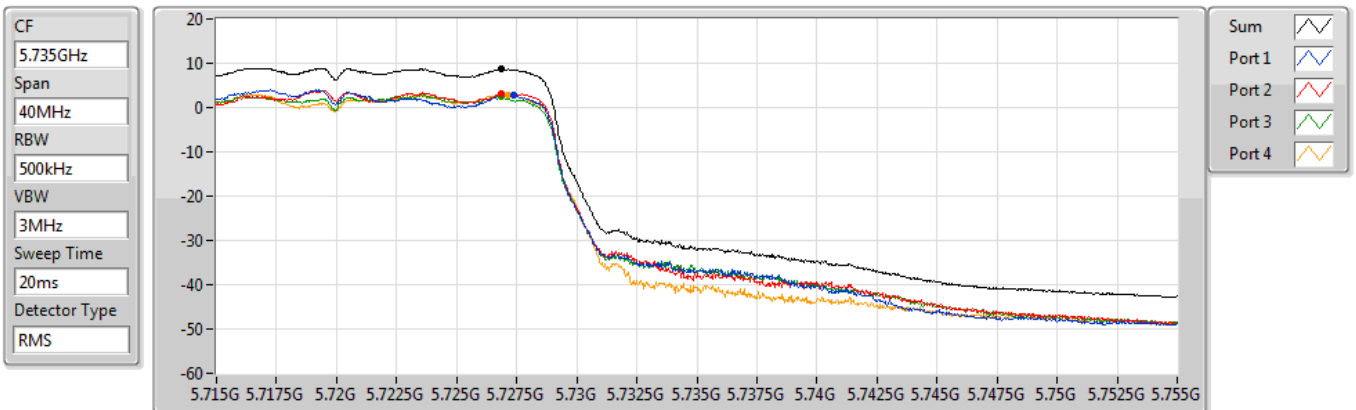


802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

14/07/2022

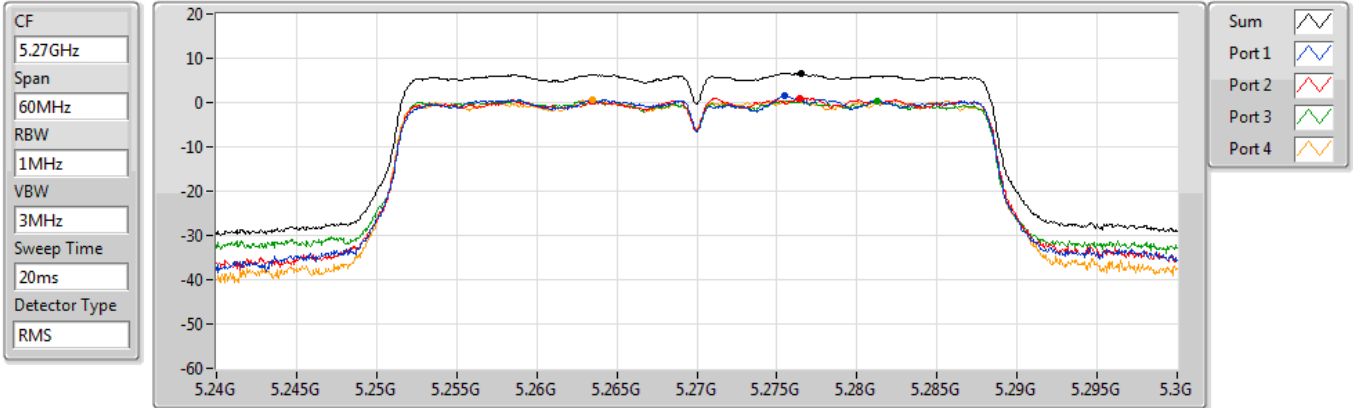


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

07/07/2022



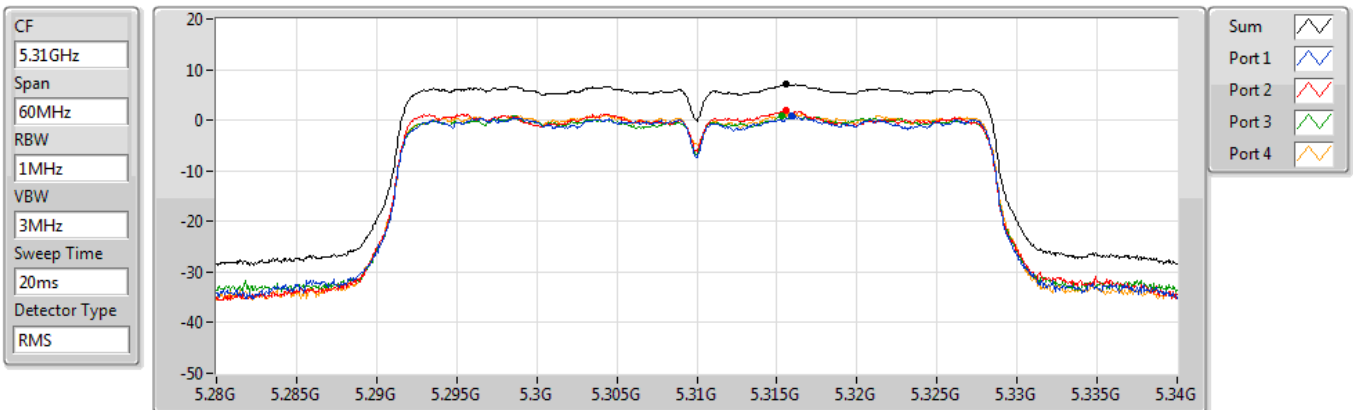
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	1.48	1.07	0.45	0.73

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

07/07/2022



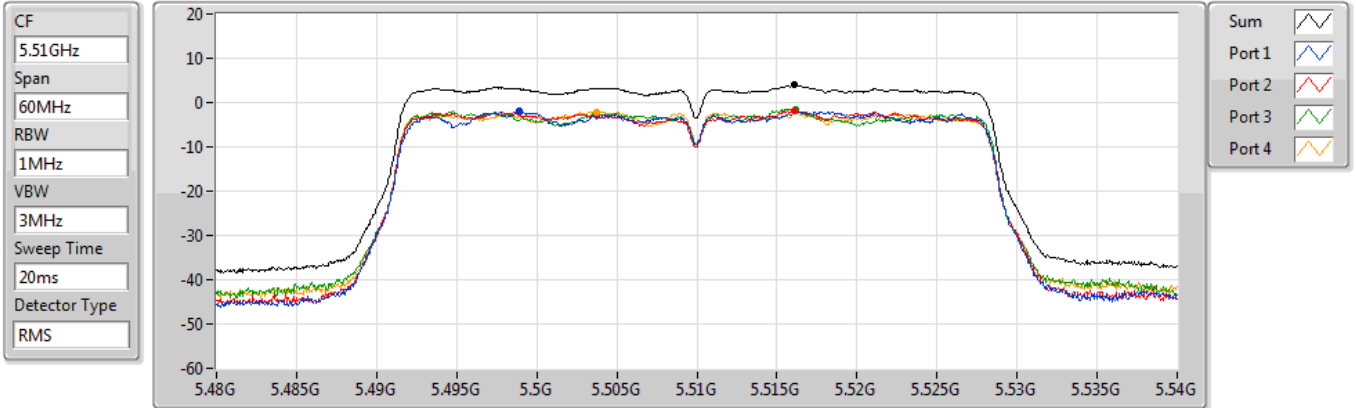
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	0.94	1.83	0.93	1.47

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

07/07/2022



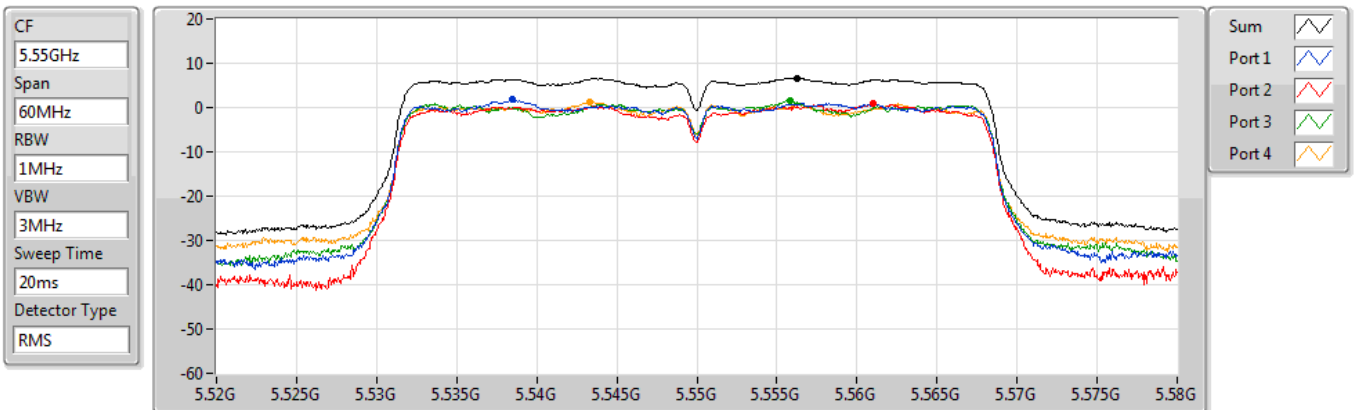
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	-1.95	-1.82	-1.46	-2.09

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

07/07/2022



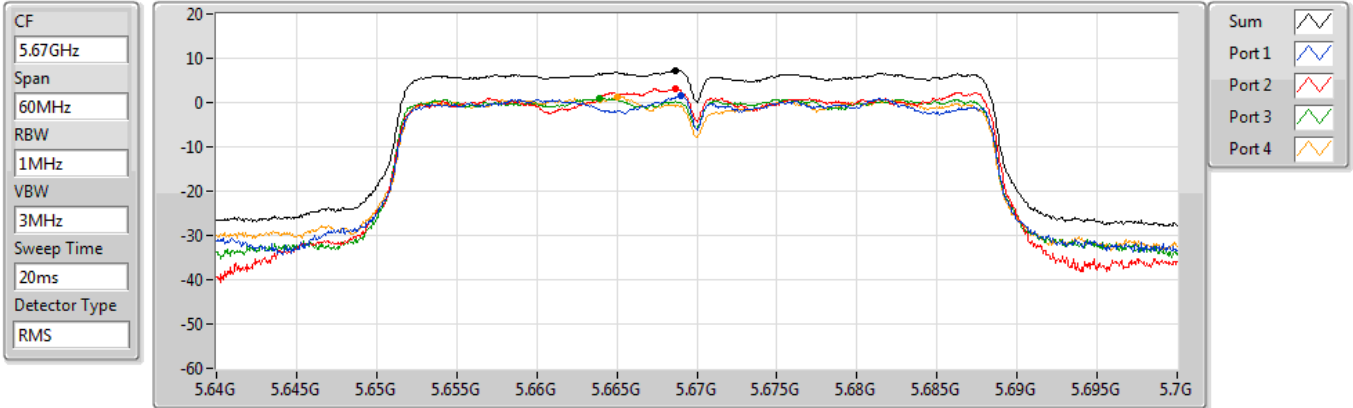
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.63	6.63	1.75	0.86	1.60	1.26

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

07/07/2022



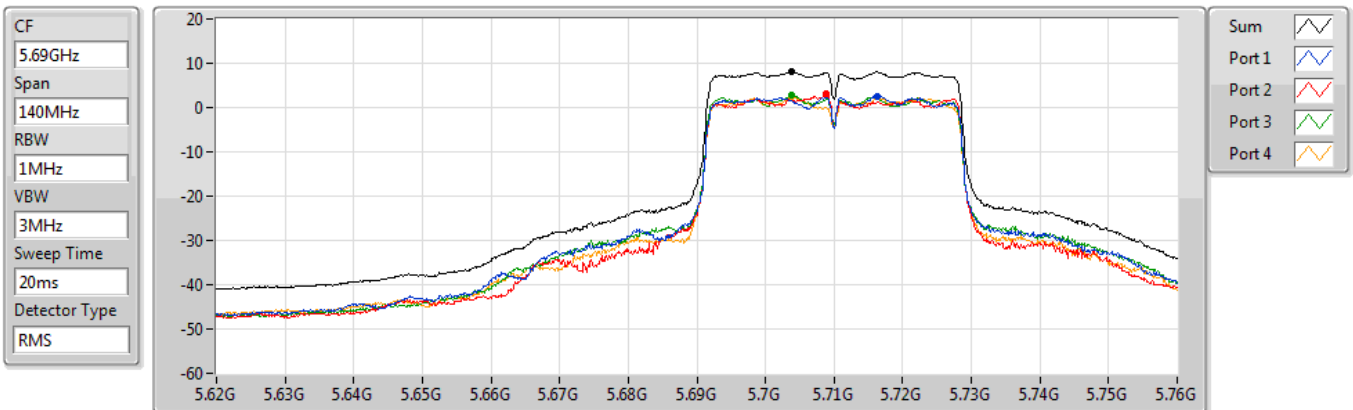
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	1.64	3.23	0.99	1.38

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/07/2022



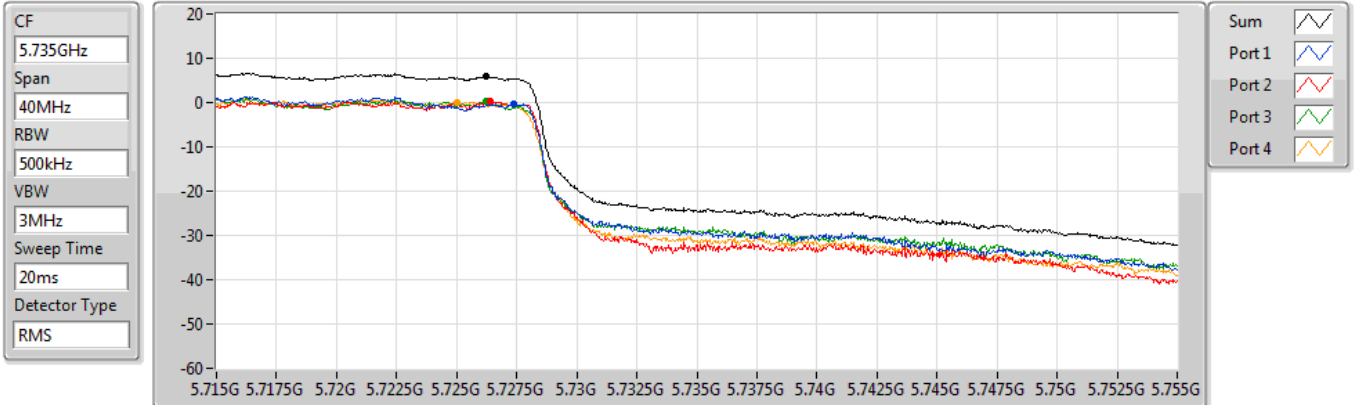
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	2.53	3.06	2.74	2.58

802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

07/07/2022



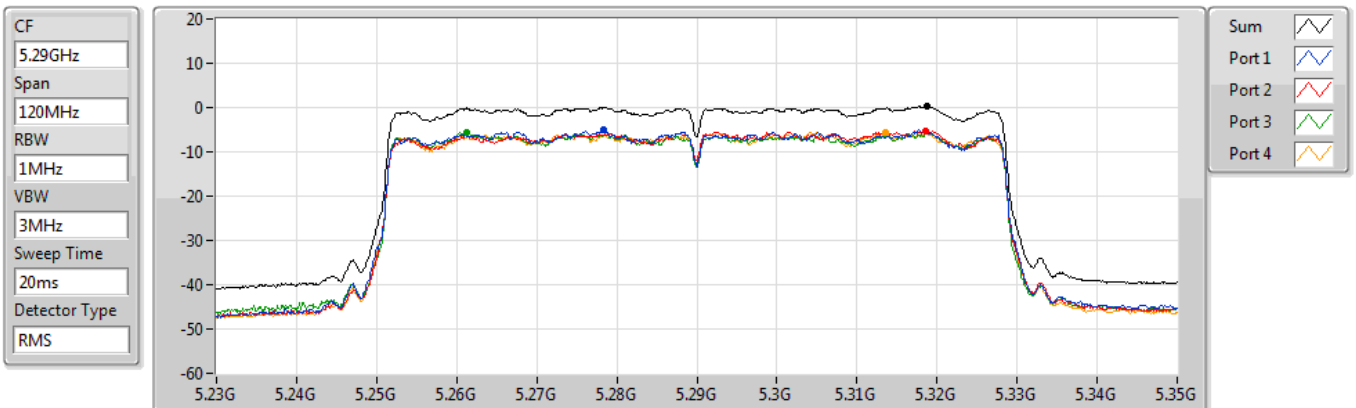
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.82	5.82	-0.27	0.20	0.34	0.12

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

07/07/2022



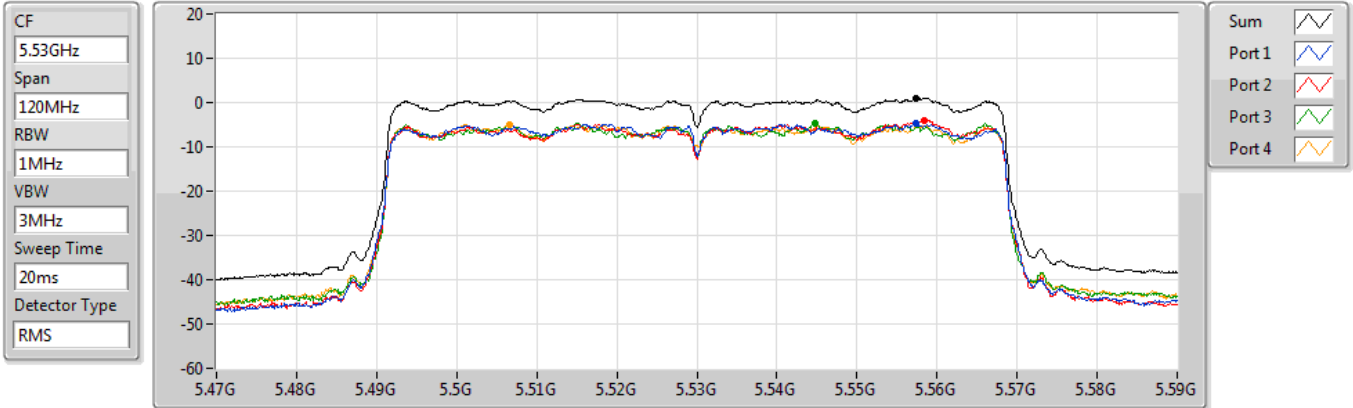
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.36	0.36	-5.14	-5.35	-5.61	-5.59

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

07/07/2022



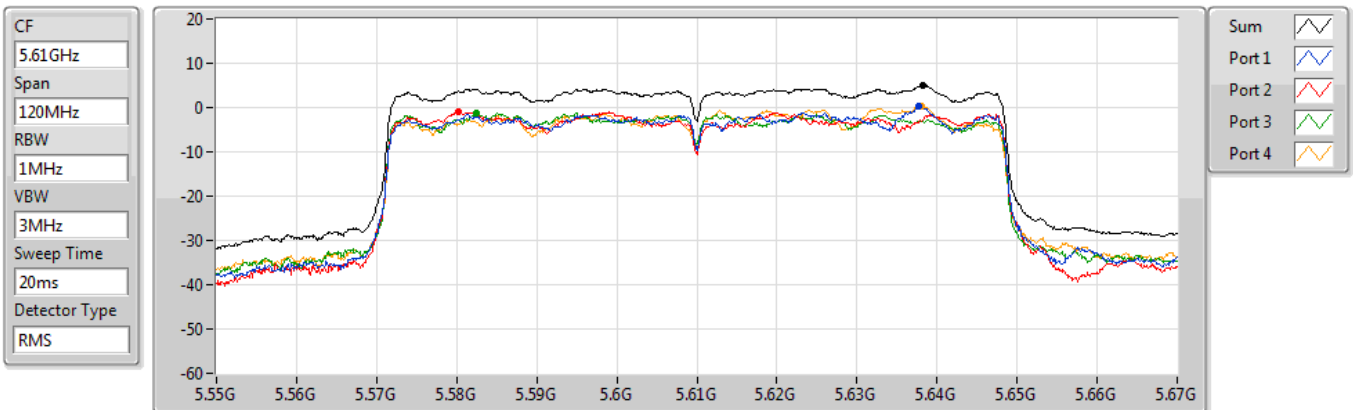
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.09	1.09	-4.71	-3.92	-4.67	-4.88

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

07/07/2022



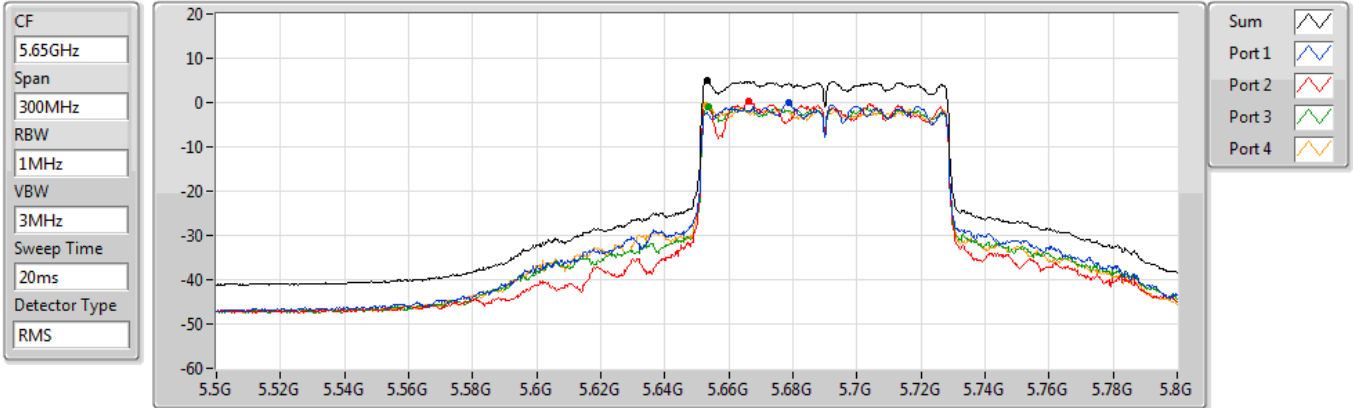
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	0.29	-0.81	-1.19	0.26

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

07/07/2022



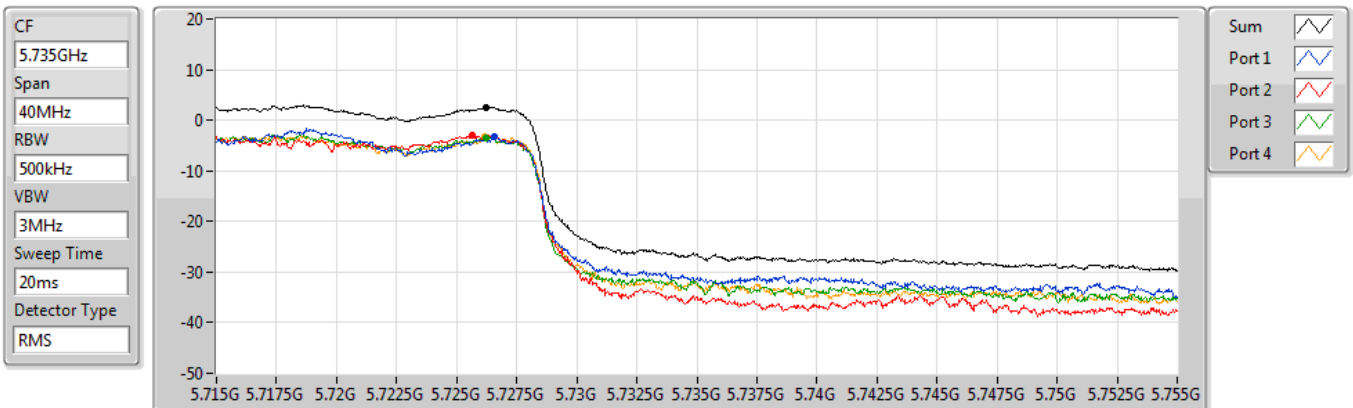
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	-0.03	0.26	-1.09	-0.62

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-3.37	-3.08	-3.51	-3.17

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)_4TX	Pass	AV	5.3532G	53.84	54.00	-0.16	3	Horizontal	287	1.55	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.3554G	53.62	54.00	-0.38	3	Horizontal	293	1.59	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.364G	53.43	54.00	-0.57	3	Horizontal	294	1.65	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.362G	53.34	54.00	-0.66	3	Horizontal	290	1.65	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.7332G	67.97	68.20	-0.23	3	Horizontal	280	1.61	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	11.16366G	53.94	54.00	-0.06	3	Vertical	231	1.50	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.7252G	67.99	68.20	-0.21	3	Horizontal	283	2.47	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.458G	53.67	54.00	-0.33	3	Horizontal	283	2.22	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.15G	47.60	54.00	-6.40	3	Vertical	64	1.66	-
5260MHz	Pass	AV	5.2528G	107.50	Inf	-Inf	3	Vertical	64	1.66	-
5260MHz	Pass	AV	5.353G	48.87	54.00	-5.13	3	Vertical	64	1.66	-
5260MHz	Pass	PK	5.1496G	59.60	74.00	-14.40	3	Vertical	64	1.66	-
5260MHz	Pass	PK	5.2534G	116.40	Inf	-Inf	3	Vertical	64	1.66	-
5260MHz	Pass	PK	5.3536G	62.89	74.00	-11.11	3	Vertical	64	1.66	-
5260MHz	Pass	AV	5.1496G	49.41	54.00	-4.59	3	Horizontal	292	1.68	-
5260MHz	Pass	AV	5.2564G	113.63	Inf	-Inf	3	Horizontal	292	1.68	-
5260MHz	Pass	AV	5.3548G	53.77	54.00	-0.23	3	Horizontal	292	1.68	-
5260MHz	Pass	PK	5.134G	62.58	74.00	-11.42	3	Horizontal	292	1.68	-
5260MHz	Pass	PK	5.2564G	123.63	Inf	-Inf	3	Horizontal	292	1.68	-
5260MHz	Pass	PK	5.356G	68.02	74.00	-5.98	3	Horizontal	292	1.68	-
5260MHz	Pass	PK	10.51982G	58.54	68.20	-9.66	3	Vertical	314	1.50	-
5260MHz	Pass	PK	10.5209G	55.67	68.20	-12.53	3	Horizontal	140	1.50	-
5300MHz	Pass	AV	5.2932G	106.15	Inf	-Inf	3	Vertical	60	1.67	-
5300MHz	Pass	AV	5.352G	49.96	54.00	-4.04	3	Vertical	60	1.67	-
5300MHz	Pass	PK	5.2928G	114.35	Inf	-Inf	3	Vertical	60	1.67	-
5300MHz	Pass	PK	5.3524G	65.61	74.00	-8.39	3	Vertical	60	1.67	-
5300MHz	Pass	AV	5.296G	111.99	Inf	-Inf	3	Horizontal	293	1.61	-
5300MHz	Pass	AV	5.3532G	53.77	54.00	-0.23	3	Horizontal	293	1.61	-
5300MHz	Pass	PK	5.2964G	120.35	Inf	-Inf	3	Horizontal	293	1.61	-
5300MHz	Pass	PK	5.3556G	73.14	74.00	-0.86	3	Horizontal	293	1.61	-
5300MHz	Pass	AV	10.60222G	43.56	54.00	-10.44	3	Vertical	238	2.03	-
5300MHz	Pass	PK	10.6015G	55.53	74.00	-18.47	3	Vertical	238	2.03	-
5300MHz	Pass	AV	10.60162G	42.44	54.00	-11.56	3	Horizontal	207	3.00	-
5300MHz	Pass	PK	10.60306G	53.91	74.00	-20.09	3	Horizontal	207	3.00	-
5320MHz	Pass	AV	5.3128G	102.78	Inf	-Inf	3	Vertical	61	1.58	-
5320MHz	Pass	AV	5.3514G	50.07	54.00	-3.93	3	Vertical	61	1.58	-
5320MHz	Pass	PK	5.313G	110.83	Inf	-Inf	3	Vertical	61	1.58	-
5320MHz	Pass	PK	5.3518G	67.83	74.00	-6.17	3	Vertical	61	1.58	-
5320MHz	Pass	AV	5.3164G	108.75	Inf	-Inf	3	Horizontal	287	1.55	-
5320MHz	Pass	AV	5.3532G	53.84	54.00	-0.16	3	Horizontal	287	1.55	-
5320MHz	Pass	PK	5.3166G	117.15	Inf	-Inf	3	Horizontal	287	1.55	-
5320MHz	Pass	PK	5.3534G	72.80	74.00	-1.20	3	Horizontal	287	1.55	-
5320MHz	Pass	AV	10.6427G	41.39	54.00	-12.61	3	Vertical	318	1.50	-
5320MHz	Pass	PK	10.63442G	53.80	74.00	-20.20	3	Vertical	318	1.50	-
5320MHz	Pass	AV	10.6379G	41.24	54.00	-12.76	3	Horizontal	33	1.50	-
5320MHz	Pass	PK	10.63502G	53.34	74.00	-20.66	3	Horizontal	33	1.50	-
5500MHz	Pass	AV	5.4572G	46.27	54.00	-7.73	3	Vertical	238	1.59	-
5500MHz	Pass	AV	5.4968G	101.22	Inf	-Inf	3	Vertical	238	1.59	-
5500MHz	Pass	PK	5.4668G	58.21	68.20	-9.99	3	Vertical	238	1.59	-
5500MHz	Pass	PK	5.4968G	109.55	Inf	-Inf	3	Vertical	238	1.59	-
5500MHz	Pass	AV	5.4578G	47.65	54.00	-6.35	3	Horizontal	285	1.73	-
5500MHz	Pass	AV	5.4928G	107.90	Inf	-Inf	3	Horizontal	285	1.73	-
5500MHz	Pass	PK	5.4694G	66.91	68.20	-1.29	3	Horizontal	285	1.73	-
5500MHz	Pass	PK	5.4926G	116.29	Inf	-Inf	3	Horizontal	285	1.73	-
5500MHz	Pass	AV	11.0132G	41.81	54.00	-12.19	3	Vertical	276	1.50	-
5500MHz	Pass	PK	10.99778G	53.51	74.00	-20.49	3	Vertical	276	1.50	-
5500MHz	Pass	AV	10.99436G	41.97	54.00	-12.03	3	Horizontal	103	1.50	-
5500MHz	Pass	PK	11.00066G	55.86	74.00	-18.14	3	Horizontal	103	1.50	-
5580MHz	Pass	AV	5.4558G	46.98	54.00	-7.02	3	Vertical	239	1.50	-
5580MHz	Pass	AV	5.577G	107.04	Inf	-Inf	3	Vertical	239	1.50	-
5580MHz	Pass	PK	5.4696G	57.86	68.20	-10.34	3	Vertical	239	1.50	-
5580MHz	Pass	PK	5.577G	115.65	Inf	-Inf	3	Vertical	239	1.50	-
5580MHz	Pass	PK	5.73G	58.63	68.20	-9.57	3	Vertical	239	1.50	-
5580MHz	Pass	AV	5.4576G	49.87	54.00	-4.13	3	Horizontal	286	1.56	-
5580MHz	Pass	AV	5.5728G	113.28	Inf	-Inf	3	Horizontal	286	1.56	-
5580MHz	Pass	PK	5.4678G	61.26	68.20	-6.94	3	Horizontal	286	1.56	-
5580MHz	Pass	PK	5.5728G	121.52	Inf	-Inf	3	Horizontal	286	1.56	-
5580MHz	Pass	PK	5.7288G	60.79	68.20	-7.41	3	Horizontal	286	1.56	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	11.1633G	53.45	54.00	-0.55	3	Vertical	231	1.49	-
5580MHz	Pass	PK	11.16462G	66.94	74.00	-7.06	3	Vertical	231	1.49	-
5580MHz	Pass	AV	11.16402G	48.25	54.00	-5.75	3	Horizontal	300	1.50	-
5580MHz	Pass	PK	11.16654G	60.43	74.00	-13.57	3	Horizontal	300	1.50	-
5700MHz	Pass	AV	5.6968G	100.57	Inf	-Inf	3	Vertical	239	1.50	-
5700MHz	Pass	PK	5.6968G	108.77	Inf	-Inf	3	Vertical	239	1.50	-
5700MHz	Pass	PK	5.7252G	66.65	68.20	-1.55	3	Vertical	239	1.50	-
5700MHz	Pass	AV	5.6932G	107.63	Inf	-Inf	3	Horizontal	280	1.61	-
5700MHz	Pass	PK	5.6932G	116.22	Inf	-Inf	3	Horizontal	280	1.61	-
5700MHz	Pass	PK	5.7332G	67.97	68.20	-0.23	3	Horizontal	280	1.61	-
5700MHz	Pass	AV	11.39388G	45.53	54.00	-8.47	3	Vertical	231	1.50	-
5700MHz	Pass	PK	11.39346G	60.71	74.00	-13.29	3	Vertical	231	1.50	-
5700MHz	Pass	AV	11.39496G	42.64	54.00	-11.36	3	Horizontal	298	1.50	-
5700MHz	Pass	PK	11.41392G	54.61	74.00	-19.39	3	Horizontal	298	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.723G	105.43	Inf	-Inf	3	Vertical	93	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.723G	114.11	Inf	-Inf	3	Vertical	93	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.91G	60.98	68.20	-7.22	3	Vertical	93	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.713G	113.83	Inf	-Inf	3	Horizontal	279	1.52	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.713G	122.28	Inf	-Inf	3	Horizontal	279	1.52	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.907G	62.42	68.20	-5.78	3	Horizontal	279	1.52	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43322G	53.39	54.00	-0.61	3	Vertical	231	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43292G	67.88	74.00	-6.12	3	Vertical	231	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43346G	46.93	54.00	-7.07	3	Horizontal	299	1.38	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43364G	59.84	74.00	-14.16	3	Horizontal	299	1.38	-
802.11ac VHT20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.15G	47.60	54.00	-6.40	3	Vertical	64	1.66	-
5260MHz	Pass	AV	5.2534G	107.86	Inf	-Inf	3	Vertical	64	1.66	-
5260MHz	Pass	AV	5.3524G	49.24	54.00	-4.76	3	Vertical	64	1.66	-
5260MHz	Pass	PK	5.1346G	59.49	74.00	-14.51	3	Vertical	64	1.66	-
5260MHz	Pass	PK	5.2534G	116.12	Inf	-Inf	3	Vertical	64	1.66	-
5260MHz	Pass	PK	5.3536G	61.20	74.00	-12.80	3	Vertical	64	1.66	-
5260MHz	Pass	AV	5.137G	49.69	54.00	-4.31	3	Horizontal	293	1.59	-
5260MHz	Pass	AV	5.2564G	113.39	Inf	-Inf	3	Horizontal	293	1.59	-
5260MHz	Pass	AV	5.3554G	53.62	54.00	-0.38	3	Horizontal	293	1.59	-
5260MHz	Pass	PK	5.1358G	62.46	74.00	-11.54	3	Horizontal	293	1.59	-
5260MHz	Pass	PK	5.2564G	121.86	Inf	-Inf	3	Horizontal	293	1.59	-
5260MHz	Pass	PK	5.356G	66.28	74.00	-7.72	3	Horizontal	293	1.59	-
5260MHz	Pass	PK	10.5197G	57.84	68.20	-10.36	3	Vertical	318	1.49	-
5260MHz	Pass	PK	10.5211G	55.42	68.20	-12.78	3	Horizontal	140	1.50	-
5300MHz	Pass	AV	5.3028G	103.78	Inf	-Inf	3	Vertical	77	1.50	-
5300MHz	Pass	AV	5.3576G	47.46	54.00	-6.54	3	Vertical	77	1.50	-
5300MHz	Pass	PK	5.2996G	111.70	Inf	-Inf	3	Vertical	77	1.50	-
5300MHz	Pass	PK	5.3636G	60.72	74.00	-13.28	3	Vertical	77	1.50	-
5300MHz	Pass	AV	5.2964G	111.63	Inf	-Inf	3	Horizontal	292	1.61	-
5300MHz	Pass	AV	5.3548G	53.39	54.00	-0.61	3	Horizontal	292	1.61	-
5300MHz	Pass	PK	5.2964G	119.71	Inf	-Inf	3	Horizontal	292	1.61	-
5300MHz	Pass	PK	5.3556G	70.16	74.00	-3.84	3	Horizontal	292	1.61	-
5300MHz	Pass	AV	10.60114G	42.63	54.00	-11.37	3	Vertical	311	1.56	-
5300MHz	Pass	PK	10.5988G	54.52	68.20	-13.68	3	Vertical	311	1.56	-
5300MHz	Pass	AV	10.60348G	41.76	54.00	-12.24	3	Horizontal	240	1.50	-
5300MHz	Pass	PK	10.59136G	53.53	68.20	-14.67	3	Horizontal	240	1.50	-
5320MHz	Pass	AV	5.3128G	102.39	Inf	-Inf	3	Vertical	64	1.56	-
5320MHz	Pass	AV	5.3504G	49.10	54.00	-4.90	3	Vertical	64	1.56	-
5320MHz	Pass	PK	5.3132G	110.35	Inf	-Inf	3	Vertical	64	1.56	-
5320MHz	Pass	PK	5.3524G	65.28	74.00	-8.72	3	Vertical	64	1.56	-
5320MHz	Pass	AV	5.3166G	108.25	Inf	-Inf	3	Horizontal	292	1.71	-
5320MHz	Pass	AV	5.3542G	52.74	54.00	-1.26	3	Horizontal	292	1.71	-
5320MHz	Pass	PK	5.316G	116.24	Inf	-Inf	3	Horizontal	292	1.71	-
5320MHz	Pass	PK	5.3558G	70.25	74.00	-3.75	3	Horizontal	292	1.71	-
5320MHz	Pass	AV	10.64474G	41.28	54.00	-12.72	3	Vertical	112	2.93	-
5320MHz	Pass	PK	10.63442G	52.92	74.00	-21.08	3	Vertical	112	2.93	-
5320MHz	Pass	AV	10.62644G	41.34	54.00	-12.66	3	Horizontal	194	1.50	-

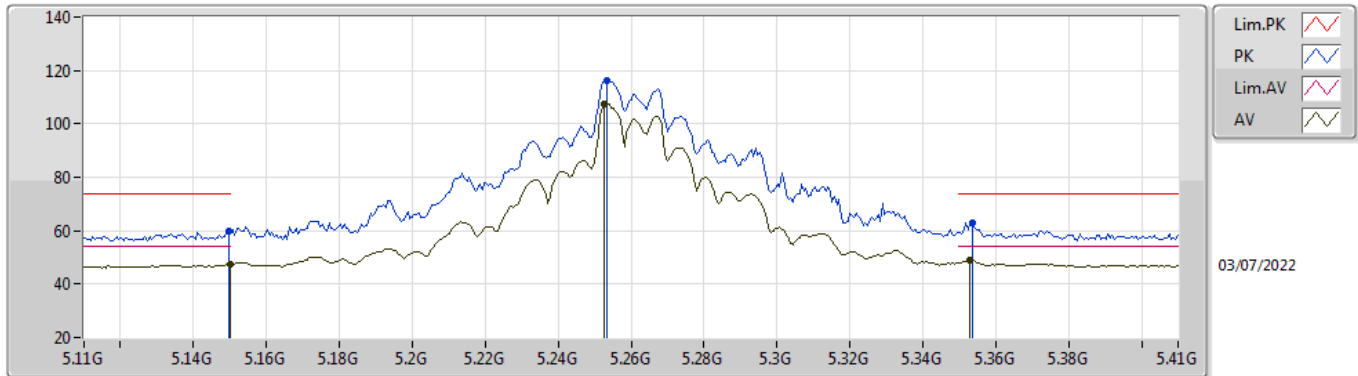
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	10.6481G	53.80	74.00	-20.20	3	Horizontal	194	1.50	-
5500MHz	Pass	AV	5.4594G	46.65	54.00	-7.35	3	Vertical	240	1.59	-
5500MHz	Pass	AV	5.4966G	100.66	Inf	-Inf	3	Vertical	240	1.59	-
5500MHz	Pass	PK	5.4666G	59.15	68.20	-9.05	3	Vertical	240	1.59	-
5500MHz	Pass	PK	5.4962G	109.11	Inf	-Inf	3	Vertical	240	1.59	-
5500MHz	Pass	AV	5.4582G	47.81	54.00	-6.19	3	Horizontal	286	1.72	-
5500MHz	Pass	AV	5.493G	107.67	Inf	-Inf	3	Horizontal	286	1.72	-
5500MHz	Pass	PK	5.47G	67.07	68.20	-1.13	3	Horizontal	286	1.72	-
5500MHz	Pass	PK	5.4928G	116.27	Inf	-Inf	3	Horizontal	286	1.72	-
5500MHz	Pass	AV	11.00168G	42.08	54.00	-11.92	3	Vertical	237	1.64	-
5500MHz	Pass	PK	10.99628G	54.03	74.00	-19.97	3	Vertical	237	1.64	-
5500MHz	Pass	AV	10.98824G	41.90	54.00	-12.10	3	Horizontal	83	2.68	-
5500MHz	Pass	PK	11.01284G	53.78	74.00	-20.22	3	Horizontal	83	2.68	-
5580MHz	Pass	AV	5.4582G	46.99	54.00	-7.01	3	Vertical	239	1.50	-
5580MHz	Pass	AV	5.577G	107.36	Inf	-Inf	3	Vertical	239	1.50	-
5580MHz	Pass	PK	5.469G	58.10	68.20	-10.10	3	Vertical	239	1.50	-
5580MHz	Pass	PK	5.5776G	115.51	Inf	-Inf	3	Vertical	239	1.50	-
5580MHz	Pass	PK	5.7288G	57.57	68.20	-10.63	3	Vertical	239	1.50	-
5580MHz	Pass	AV	5.4564G	49.97	54.00	-4.03	3	Horizontal	280	1.54	-
5580MHz	Pass	AV	5.5734G	113.14	Inf	-Inf	3	Horizontal	280	1.54	-
5580MHz	Pass	PK	5.469G	60.82	68.20	-7.38	3	Horizontal	280	1.54	-
5580MHz	Pass	PK	5.5734G	121.89	Inf	-Inf	3	Horizontal	280	1.54	-
5580MHz	Pass	PK	5.7252G	60.08	68.20	-8.12	3	Horizontal	280	1.54	-
5580MHz	Pass	AV	11.16366G	53.94	54.00	-0.06	3	Vertical	231	1.50	-
5580MHz	Pass	PK	11.16456G	65.82	74.00	-8.18	3	Vertical	231	1.50	-
5580MHz	Pass	AV	11.16474G	47.97	54.00	-6.03	3	Horizontal	299	1.54	-
5580MHz	Pass	PK	11.16306G	60.83	74.00	-13.17	3	Horizontal	299	1.54	-
5700MHz	Pass	AV	5.6968G	100.57	Inf	-Inf	3	Vertical	237	1.50	-
5700MHz	Pass	PK	5.6976G	109.02	Inf	-Inf	3	Vertical	237	1.50	-
5700MHz	Pass	PK	5.7252G	66.84	68.20	-1.36	3	Vertical	237	1.50	-
5700MHz	Pass	AV	5.6928G	107.58	Inf	-Inf	3	Horizontal	279	1.62	-
5700MHz	Pass	PK	5.6932G	117.00	Inf	-Inf	3	Horizontal	279	1.62	-
5700MHz	Pass	PK	5.7328G	67.48	68.20	-0.72	3	Horizontal	279	1.62	-
5700MHz	Pass	AV	11.3955G	43.58	54.00	-10.42	3	Vertical	231	1.50	-
5700MHz	Pass	PK	11.39436G	55.50	74.00	-18.50	3	Vertical	231	1.50	-
5700MHz	Pass	AV	11.40618G	42.32	54.00	-11.68	3	Horizontal	294	1.55	-
5700MHz	Pass	PK	11.4045G	53.81	74.00	-20.19	3	Horizontal	294	1.55	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.717G	104.50	Inf	-Inf	3	Vertical	239	1.68	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.716G	112.36	Inf	-Inf	3	Vertical	239	1.68	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.91G	60.16	68.20	-8.04	3	Vertical	239	1.68	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.713G	112.32	Inf	-Inf	3	Horizontal	279	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.713G	119.85	Inf	-Inf	3	Horizontal	279	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.852G	61.70	68.20	-6.50	3	Horizontal	279	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43334G	53.53	54.00	-0.47	3	Vertical	230	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43178G	67.49	74.00	-6.51	3	Vertical	230	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43376G	47.51	54.00	-6.49	3	Horizontal	298	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43352G	60.57	74.00	-13.43	3	Horizontal	298	1.49	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.282G	101.79	Inf	-Inf	3	Vertical	59	1.50	-
5270MHz	Pass	AV	5.362G	49.29	54.00	-4.71	3	Vertical	59	1.50	-
5270MHz	Pass	PK	5.282G	109.07	Inf	-Inf	3	Vertical	59	1.50	-
5270MHz	Pass	PK	5.3584G	60.31	74.00	-13.69	3	Vertical	59	1.50	-
5270MHz	Pass	AV	5.286G	107.06	Inf	-Inf	3	Horizontal	294	1.65	-
5270MHz	Pass	AV	5.364G	53.43	54.00	-0.57	3	Horizontal	294	1.65	-
5270MHz	Pass	PK	5.2856G	114.58	Inf	-Inf	3	Horizontal	294	1.65	-
5270MHz	Pass	PK	5.3668G	65.98	74.00	-8.02	3	Horizontal	294	1.65	-
5270MHz	Pass	PK	10.54432G	53.28	68.20	-14.92	3	Vertical	316	1.50	-
5270MHz	Pass	PK	10.55656G	53.26	68.20	-14.94	3	Horizontal	215	1.50	-
5310MHz	Pass	AV	5.3228G	97.57	Inf	-Inf	3	Vertical	62	1.51	-
5310MHz	Pass	AV	5.3612G	48.90	54.00	-5.10	3	Vertical	62	1.51	-
5310MHz	Pass	PK	5.3216G	105.32	Inf	-Inf	3	Vertical	62	1.51	-
5310MHz	Pass	PK	5.3592G	62.48	74.00	-11.52	3	Vertical	62	1.51	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	PK	5.35G	68.94	74.00	-5.06	3	Horizontal	290	0.00	-
5310MHz	Pass	AV	5.35G	53.10	54.00	-0.90	3	Horizontal	290	0.00	-
5310MHz	Pass	AV	10.62372G	42.60	54.00	-11.40	3	Vertical	234	1.92	-
5310MHz	Pass	PK	10.59768G	53.27	68.20	-14.93	3	Vertical	234	1.92	-
5310MHz	Pass	PK	10.61688G	54.28	74.00	-19.72	3	Horizontal	176	1.50	-
5510MHz	Pass	AV	5.4592G	47.17	54.00	-6.83	3	Vertical	134	2.82	-
5510MHz	Pass	AV	5.5156G	95.80	Inf	-Inf	3	Vertical	134	2.82	-
5510MHz	Pass	PK	5.47G	61.60	68.20	-6.60	3	Vertical	134	2.82	-
5510MHz	Pass	PK	5.5156G	103.44	Inf	-Inf	3	Vertical	134	2.82	-
5510MHz	Pass	AV	5.4596G	49.75	54.00	-4.25	3	Horizontal	284	2.58	-
5510MHz	Pass	AV	5.5036G	102.50	Inf	-Inf	3	Horizontal	284	2.58	-
5510MHz	Pass	PK	5.4636G	67.84	68.20	-0.36	3	Horizontal	284	2.58	-
5510MHz	Pass	PK	5.504G	110.35	Inf	-Inf	3	Horizontal	284	2.58	-
5510MHz	Pass	AV	11.03952G	42.65	54.00	-11.35	3	Vertical	344	1.78	-
5510MHz	Pass	PK	11.036G	53.65	74.00	-20.35	3	Vertical	344	1.78	-
5510MHz	Pass	AV	11.01536G	42.68	54.00	-11.32	3	Horizontal	113	2.63	-
5510MHz	Pass	PK	11.00464G	53.29	74.00	-20.71	3	Horizontal	113	2.63	-
5550MHz	Pass	AV	5.46G	49.11	54.00	-4.89	3	Vertical	71	1.53	-
5550MHz	Pass	AV	5.5612G	101.70	Inf	-Inf	3	Vertical	71	1.53	-
5550MHz	Pass	PK	5.45G	61.38	74.00	-12.62	3	Vertical	71	1.53	-
5550MHz	Pass	PK	5.5612G	109.57	Inf	-Inf	3	Vertical	71	1.53	-
5550MHz	Pass	AV	5.46G	53.27	54.00	-0.73	3	Horizontal	285	2.45	-
5550MHz	Pass	AV	5.544G	108.40	Inf	-Inf	3	Horizontal	285	2.45	-
5550MHz	Pass	PK	5.4656G	67.69	68.20	-0.51	3	Horizontal	285	2.45	-
5550MHz	Pass	PK	5.5436G	116.39	Inf	-Inf	3	Horizontal	285	2.45	-
5550MHz	Pass	AV	11.09508G	44.61	54.00	-9.39	3	Vertical	309	1.50	-
5550MHz	Pass	PK	11.1012G	55.39	74.00	-18.61	3	Vertical	309	1.50	-
5550MHz	Pass	AV	11.10456G	43.29	54.00	-10.71	3	Horizontal	301	1.58	-
5550MHz	Pass	PK	11.07G	54.28	74.00	-19.72	3	Horizontal	301	1.58	-
5670MHz	Pass	AV	5.6688G	98.15	Inf	-Inf	3	Vertical	316	1.49	-
5670MHz	Pass	PK	5.6688G	105.62	Inf	-Inf	3	Vertical	316	1.49	-
5670MHz	Pass	PK	5.7312G	63.33	68.20	-4.87	3	Vertical	316	1.49	-
5670MHz	Pass	AV	5.664G	104.93	Inf	-Inf	3	Horizontal	283	2.47	-
5670MHz	Pass	PK	5.6634G	112.58	Inf	-Inf	3	Horizontal	283	2.47	-
5670MHz	Pass	PK	5.7252G	67.99	68.20	-0.21	3	Horizontal	283	2.47	-
5670MHz	Pass	AV	11.33412G	46.47	54.00	-7.53	3	Vertical	232	1.54	-
5670MHz	Pass	PK	11.33352G	57.32	74.00	-16.68	3	Vertical	232	1.54	-
5670MHz	Pass	AV	11.33352G	43.87	54.00	-10.13	3	Horizontal	298	1.50	-
5670MHz	Pass	PK	11.346G	54.83	74.00	-19.17	3	Horizontal	298	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.705G	101.95	Inf	-Inf	3	Vertical	130	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.467G	58.31	68.20	-9.89	3	Vertical	130	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.705G	109.95	Inf	-Inf	3	Vertical	130	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.864G	59.79	68.20	-8.41	3	Vertical	130	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.704G	109.14	Inf	-Inf	3	Horizontal	283	2.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.463G	61.79	68.20	-6.41	3	Horizontal	283	2.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.705G	116.83	Inf	-Inf	3	Horizontal	283	2.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.85G	62.04	68.20	-6.16	3	Horizontal	283	2.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41256G	53.77	54.00	-0.23	3	Vertical	232	1.61	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41112G	64.55	74.00	-9.45	3	Vertical	232	1.61	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4128G	47.80	54.00	-6.20	3	Horizontal	298	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4134G	59.65	74.00	-14.35	3	Horizontal	298	1.50	-
802.11ac VHT80_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.103G	48.24	54.00	-5.76	3	Vertical	67	1.62	-
5290MHz	Pass	AV	5.304G	92.17	Inf	-Inf	3	Vertical	67	1.62	-
5290MHz	Pass	AV	5.36G	49.88	54.00	-4.12	3	Vertical	67	1.62	-
5290MHz	Pass	PK	5.067G	58.06	74.00	-15.94	3	Vertical	67	1.62	-
5290MHz	Pass	PK	5.305G	99.44	Inf	-Inf	3	Vertical	67	1.62	-
5290MHz	Pass	PK	5.5G	58.18	68.20	-10.02	3	Vertical	67	1.62	-
5290MHz	Pass	AV	5.146G	48.74	54.00	-5.26	3	Horizontal	290	1.65	-
5290MHz	Pass	AV	5.326G	97.70	Inf	-Inf	3	Horizontal	290	1.65	-
5290MHz	Pass	AV	5.362G	53.34	54.00	-0.66	3	Horizontal	290	1.65	-
5290MHz	Pass	PK	5.121G	58.44	74.00	-15.56	3	Horizontal	290	1.65	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	5.287G	105.11	Inf	-Inf	3	Horizontal	290	1.65	-
5290MHz	Pass	PK	5.366G	67.00	74.00	-7.00	3	Horizontal	290	1.65	-
5290MHz	Pass	PK	10.55584G	53.28	68.20	-14.92	3	Vertical	331	2.96	-
5290MHz	Pass	PK	10.5928G	53.16	68.20	-15.04	3	Horizontal	127	2.52	-
5530MHz	Pass	AV	5.458G	50.11	54.00	-3.89	3	Vertical	67	1.47	-
5530MHz	Pass	AV	5.501G	93.42	Inf	-Inf	3	Vertical	67	1.47	-
5530MHz	Pass	PK	5.463G	63.30	68.20	-4.90	3	Vertical	67	1.47	-
5530MHz	Pass	PK	5.5G	100.64	Inf	-Inf	3	Vertical	67	1.47	-
5530MHz	Pass	PK	5.778G	59.19	68.20	-9.01	3	Vertical	67	1.47	-
5530MHz	Pass	AV	5.46G	53.36	54.00	-0.64	3	Horizontal	286	2.45	-
5530MHz	Pass	AV	5.544G	98.87	Inf	-Inf	3	Horizontal	286	2.45	-
5530MHz	Pass	PK	5.464G	67.85	68.20	-0.35	3	Horizontal	286	2.45	-
5530MHz	Pass	PK	5.545G	106.52	Inf	-Inf	3	Horizontal	286	2.45	-
5530MHz	Pass	PK	5.739G	60.59	68.20	-7.61	3	Horizontal	286	2.45	-
5530MHz	Pass	AV	11.02864G	44.22	54.00	-9.78	3	Vertical	48	2.53	-
5530MHz	Pass	PK	11.0608G	53.43	74.00	-20.57	3	Vertical	48	2.53	-
5530MHz	Pass	AV	11.02624G	44.19	54.00	-9.81	3	Horizontal	353	1.36	-
5530MHz	Pass	PK	11.03808G	53.84	74.00	-20.16	3	Horizontal	353	1.36	-
5610MHz	Pass	AV	5.445G	49.53	54.00	-4.47	3	Vertical	69	1.64	-
5610MHz	Pass	AV	5.581G	97.43	Inf	-Inf	3	Vertical	69	1.64	-
5610MHz	Pass	PK	5.462G	58.45	68.20	-9.75	3	Vertical	69	1.64	-
5610MHz	Pass	PK	5.581G	105.09	Inf	-Inf	3	Vertical	69	1.64	-
5610MHz	Pass	PK	5.728G	60.31	68.20	-7.89	3	Vertical	69	1.64	-
5610MHz	Pass	AV	5.459G	51.44	54.00	-2.56	3	Horizontal	284	2.16	-
5610MHz	Pass	AV	5.583G	102.38	Inf	-Inf	3	Horizontal	284	2.16	-
5610MHz	Pass	PK	5.461G	62.82	68.20	-5.38	3	Horizontal	284	2.16	-
5610MHz	Pass	PK	5.583G	110.13	Inf	-Inf	3	Horizontal	284	2.16	-
5610MHz	Pass	PK	5.726G	65.42	68.20	-2.78	3	Horizontal	284	2.16	-
5610MHz	Pass	AV	11.23536G	45.36	54.00	-8.64	3	Vertical	236	1.98	-
5610MHz	Pass	PK	11.23368G	55.71	74.00	-18.29	3	Vertical	236	1.98	-
5610MHz	Pass	AV	11.268G	44.95	54.00	-9.05	3	Horizontal	97	2.79	-
5610MHz	Pass	PK	11.27928G	54.48	74.00	-19.52	3	Horizontal	97	2.79	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.454G	49.72	54.00	-4.28	3	Vertical	73	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.661G	99.00	Inf	-Inf	3	Vertical	73	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.47G	60.11	68.20	-8.09	3	Vertical	73	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.662G	106.23	Inf	-Inf	3	Vertical	73	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.851G	60.54	68.20	-7.66	3	Vertical	73	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.458G	53.67	54.00	-0.33	3	Horizontal	283	2.22	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.663G	105.42	Inf	-Inf	3	Horizontal	283	2.22	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.465G	63.21	68.20	-4.99	3	Horizontal	283	2.22	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.664G	113.51	Inf	-Inf	3	Horizontal	283	2.22	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.864G	65.95	68.20	-2.25	3	Horizontal	283	2.22	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37256G	52.65	54.00	-1.35	3	Vertical	231	1.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39296G	61.51	74.00	-12.49	3	Vertical	231	1.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37232G	47.79	54.00	-6.21	3	Horizontal	300	1.42	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.34424G	56.64	74.00	-17.36	3	Horizontal	300	1.42	-

802.11a_Nss1,(6Mbps)_4TX

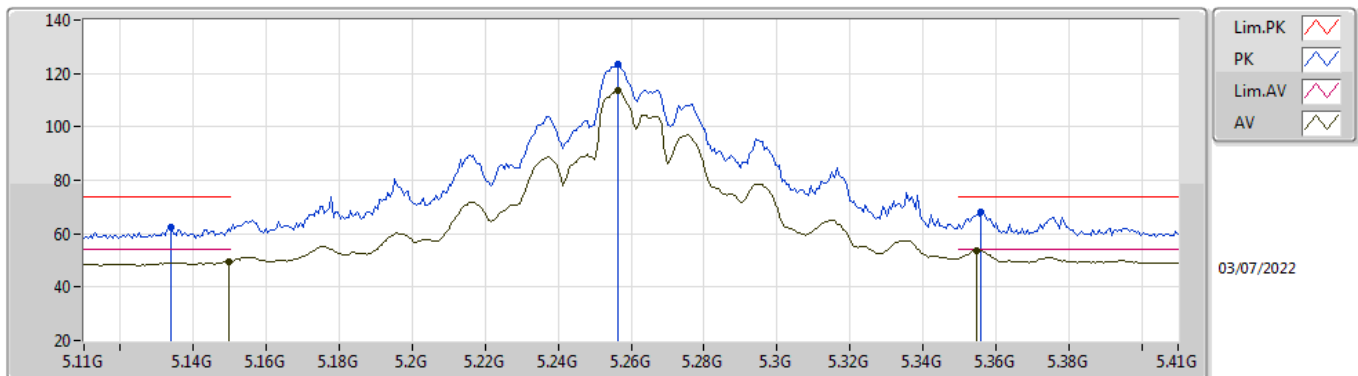
5260MHz_TX



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	5.15G	47.60	54.00	-6.40	5.15	3	Vertical	64	1.66	-	42.45	33.10	6.49	34.44
AV	5.2528G	107.50	Inf	-Inf	5.05	3	Vertical	64	1.66	-	102.45	32.91	6.59	34.45
AV	5.353G	48.87	54.00	-5.13	5.17	3	Vertical	64	1.66	-	43.70	32.91	6.71	34.45
PK	5.1496G	59.60	74.00	-14.40	5.15	3	Vertical	64	1.66	-	54.45	33.10	6.49	34.44
PK	5.2534G	116.40	Inf	-Inf	5.05	3	Vertical	64	1.66	-	111.35	32.91	6.59	34.45
PK	5.3536G	62.89	74.00	-11.11	5.17	3	Vertical	64	1.66	-	57.72	32.91	6.71	34.45

802.11a_Nss1,(6Mbps)_4TX

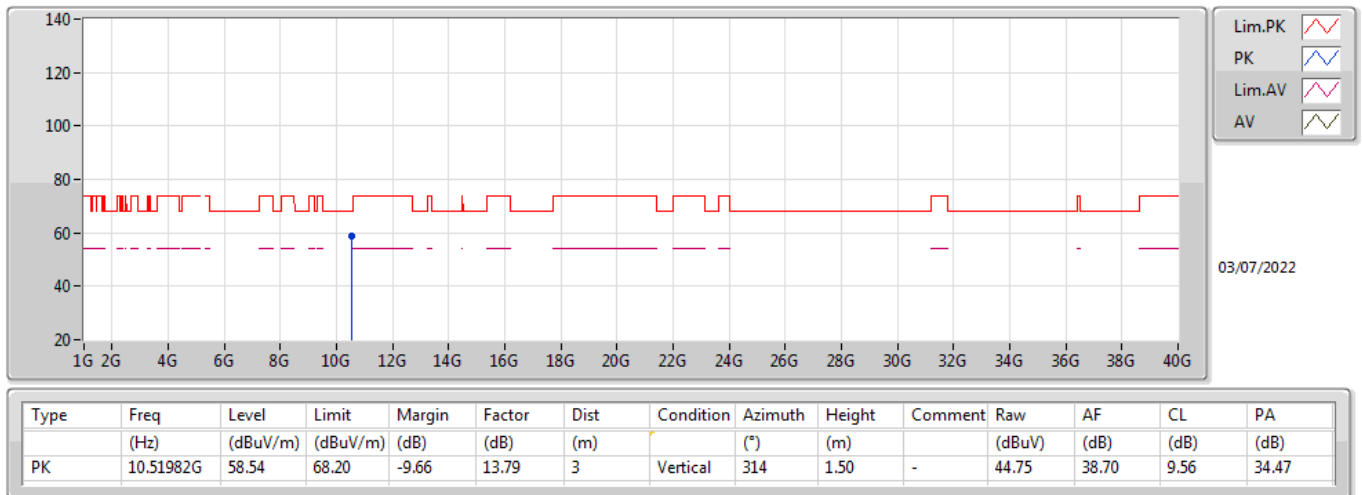
5260MHz_TX



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	5.1496G	49.41	54.00	-4.59	5.15	3	Horizontal	292	1.68	-	44.26	33.10	6.49	34.44
AV	5.2564G	113.63	Inf	-Inf	5.07	3	Horizontal	292	1.68	-	108.56	32.93	6.59	34.45
AV	5.3548G	53.77	54.00	-0.23	5.17	3	Horizontal	292	1.68	-	48.60	32.91	6.71	34.45
PK	5.134G	62.58	74.00	-11.42	5.17	3	Horizontal	292	1.68	-	57.41	33.13	6.48	34.44
PK	5.2564G	123.63	Inf	-Inf	5.07	3	Horizontal	292	1.68	-	118.56	32.93	6.59	34.45
PK	5.356G	68.02	74.00	-5.98	5.17	3	Horizontal	292	1.68	-	62.85	32.91	6.71	34.45

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX



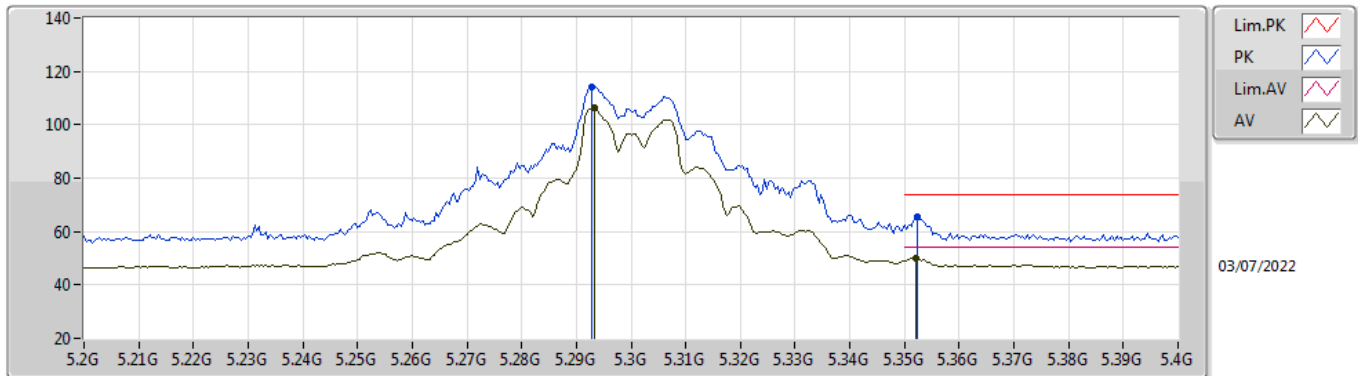
802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX



802.11a_Nss1,(6Mbps)_4TX

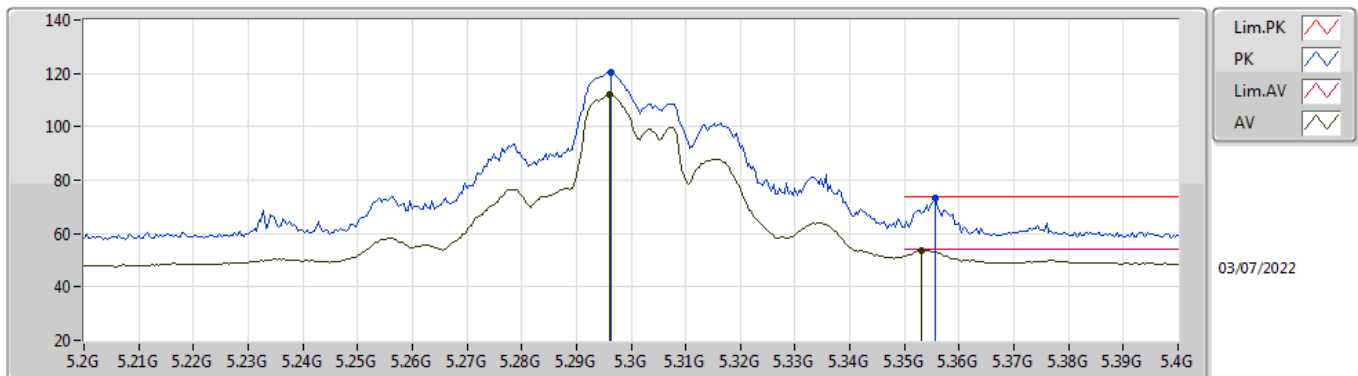
5300MHz_TX



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	5.2932G	106.15	Inf	-Inf	5.26	3	Vertical	60	1.67	-	100.89	33.07	6.64	34.45
AV	5.352G	49.96	54.00	-4.04	5.15	3	Vertical	60	1.67	-	44.81	32.90	6.70	34.45
PK	5.2928G	114.35	Inf	-Inf	5.26	3	Vertical	60	1.67	-	109.09	33.07	6.64	34.45
PK	5.3524G	65.61	74.00	-8.39	5.16	3	Vertical	60	1.67	-	60.45	32.90	6.71	34.45

802.11a_Nss1,(6Mbps)_4TX

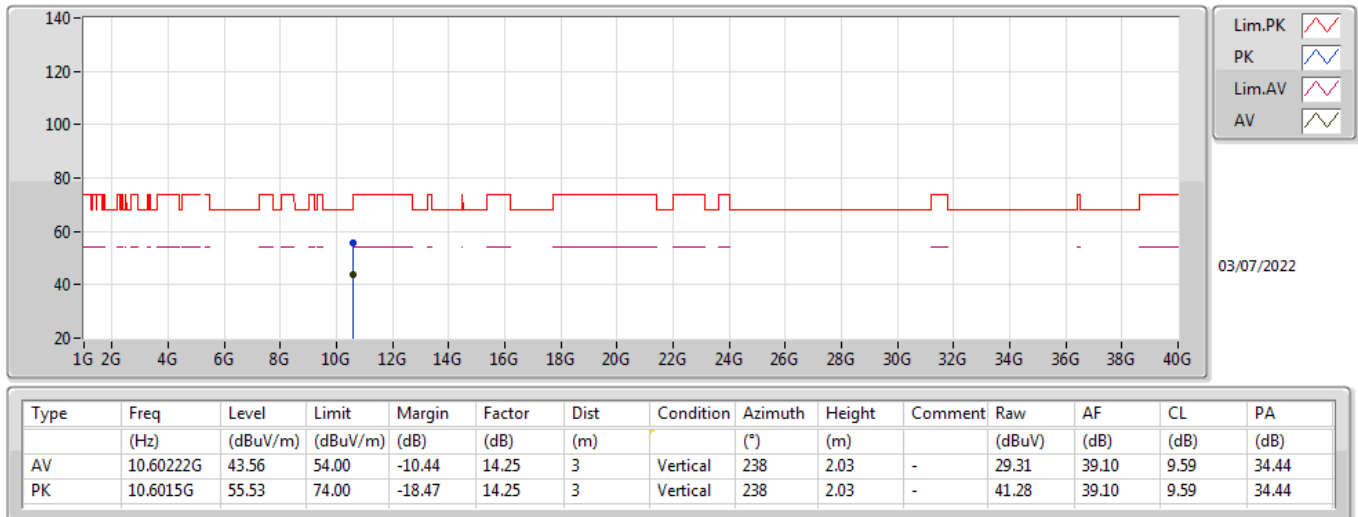
5300MHz_TX



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	5.296G	111.99	Inf	-Inf	5.27	3	Horizontal	293	1.61	-	106.72	33.08	6.64	34.45
AV	5.3532G	53.77	54.00	-0.23	5.17	3	Horizontal	293	1.61	-	48.60	32.91	6.71	34.45
PK	5.2964G	120.35	Inf	-Inf	5.28	3	Horizontal	293	1.61	-	115.07	33.09	6.64	34.45
PK	5.3556G	73.14	74.00	-0.86	5.17	3	Horizontal	293	1.61	-	67.97	32.91	6.71	34.45

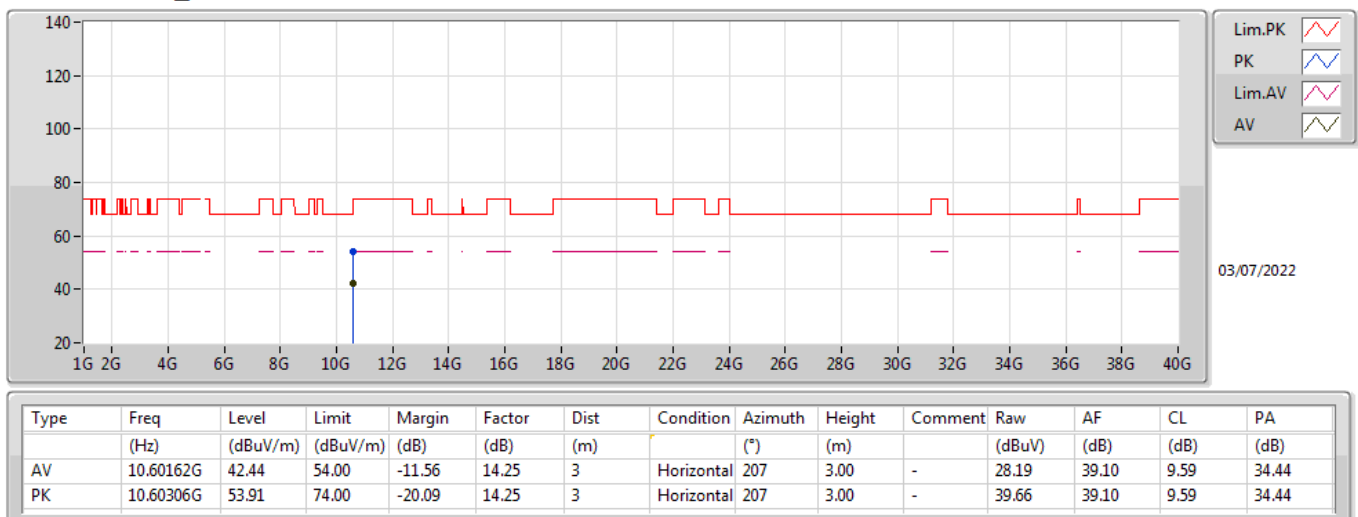
802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX



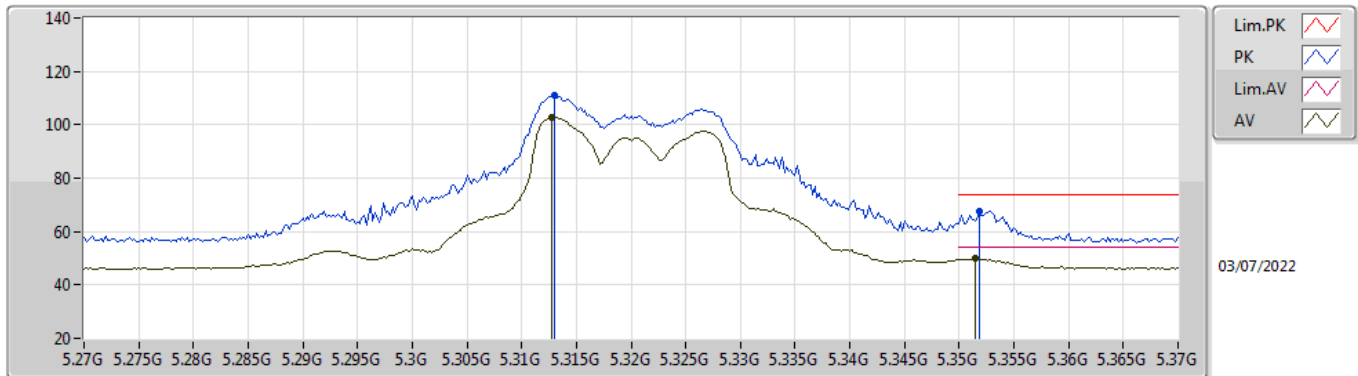
802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX



802.11a_Nss1,(6Mbps)_4TX

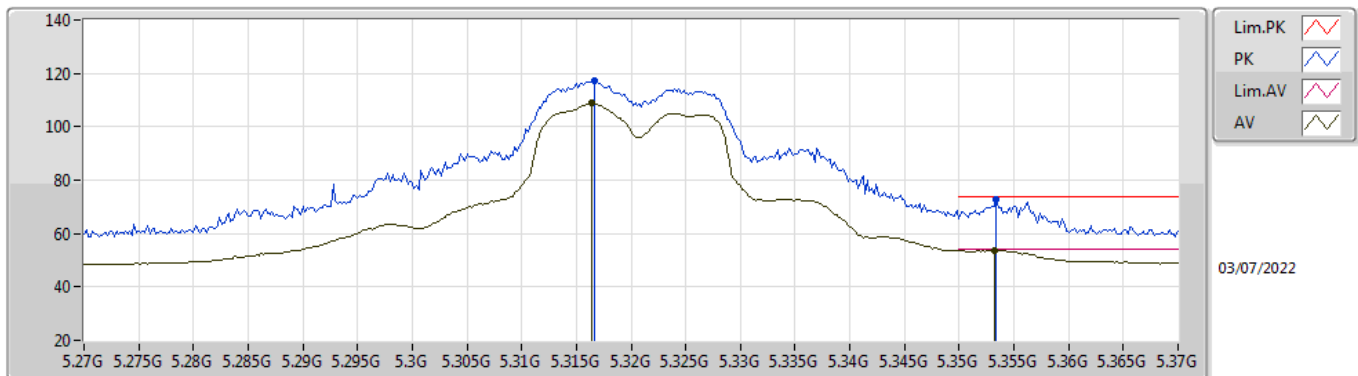
5320MHz_TX



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	5.3128G	102.78	Inf	-Inf	5.26	3	Vertical	61	1.58	-	97.52	33.05	6.66	34.45
AV	5.3514G	50.07	54.00	-3.93	5.15	3	Vertical	61	1.58	-	44.92	32.90	6.70	34.45
PK	5.313G	110.83	Inf	-Inf	5.26	3	Vertical	61	1.58	-	105.57	33.05	6.66	34.45
PK	5.3518G	67.83	74.00	-6.17	5.15	3	Vertical	61	1.58	-	62.68	32.90	6.70	34.45

802.11a_Nss1,(6Mbps)_4TX

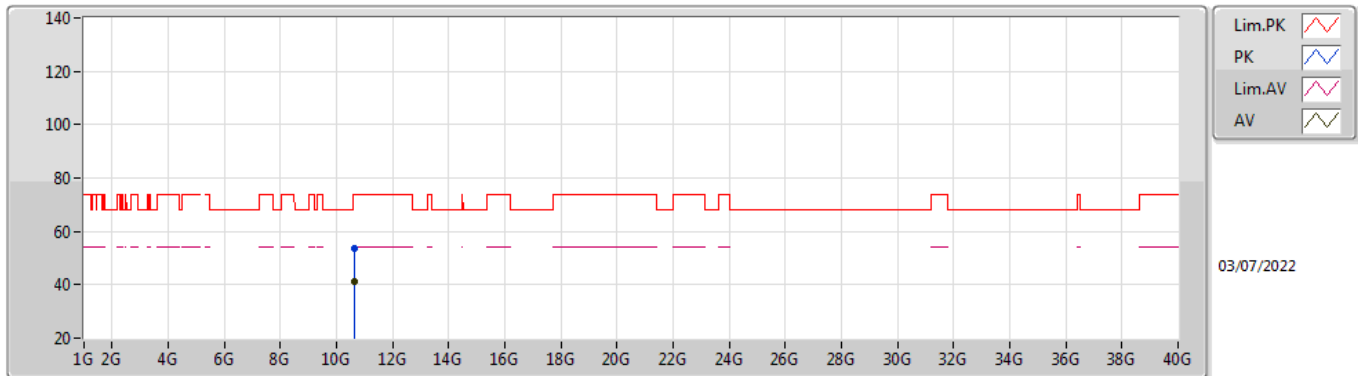
5320MHz_TX



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	5.3164G	108.75	Inf	-Inf	5.24	3	Horizontal	287	1.55	-	103.51	33.03	6.66	34.45
AV	5.3532G	53.84	54.00	-0.16	5.17	3	Horizontal	287	1.55	-	48.67	32.91	6.71	34.45
PK	5.3166G	117.15	Inf	-Inf	5.24	3	Horizontal	287	1.55	-	111.91	33.03	6.66	34.45
PK	5.3534G	72.80	74.00	-1.20	5.17	3	Horizontal	287	1.55	-	67.63	32.91	6.71	34.45

802.11a_Nss1,(6Mbps)_4TX

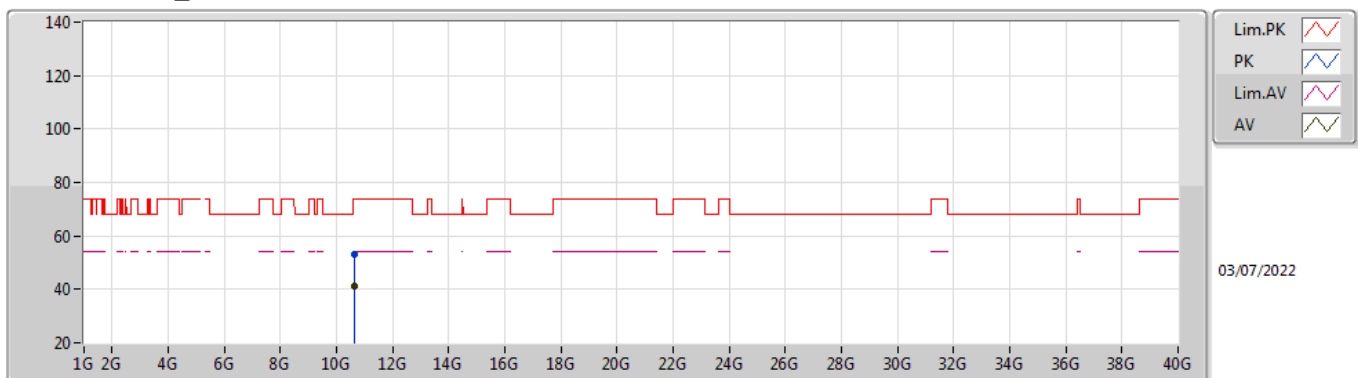
5320MHz_TX



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	10.6427G	41.39	54.00	-12.61	14.24	3	Vertical	318	1.50	-	27.15	39.06	9.61	34.43
PK	10.63442G	53.80	74.00	-20.20	14.25	3	Vertical	318	1.50	-	39.55	39.07	9.61	34.43

802.11a_Nss1,(6Mbps)_4TX

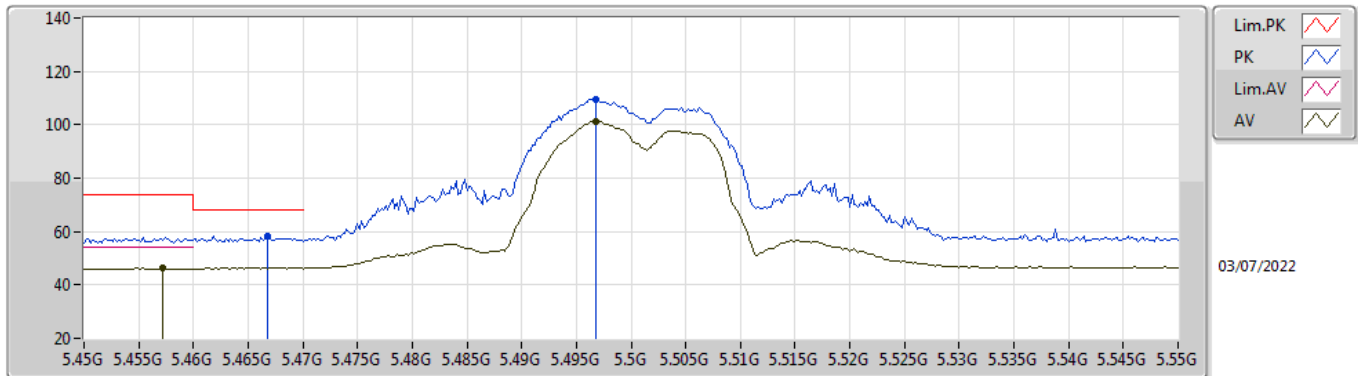
5320MHz_TX



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	10.6379G	41.24	54.00	-12.76	14.24	3	Horizontal	33	1.50	-	27.00	39.06	9.61	34.43
PK	10.63502G	53.34	74.00	-20.66	14.24	3	Horizontal	33	1.50	-	39.10	39.06	9.61	34.43

802.11a_Nss1,(6Mbps)_4TX

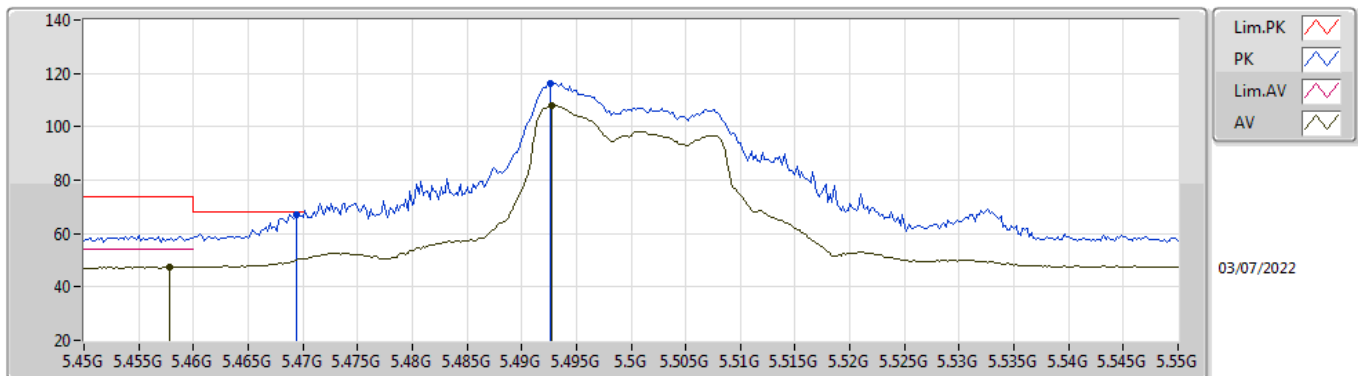
5500MHz_TX



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	5.4572G	46.27	54.00	-7.73	5.44	3	Vertical	238	1.59	-	40.83	33.11	6.79	34.46
AV	5.4968G	101.22	Inf	-Inf	5.54	3	Vertical	238	1.59	-	95.68	33.19	6.81	34.46
PK	5.4668G	58.21	68.20	-9.99	5.46	3	Vertical	238	1.59	-	52.75	33.13	6.79	34.46
PK	5.4968G	109.55	Inf	-Inf	5.54	3	Vertical	238	1.59	-	104.01	33.19	6.81	34.46

802.11a_Nss1,(6Mbps)_4TX

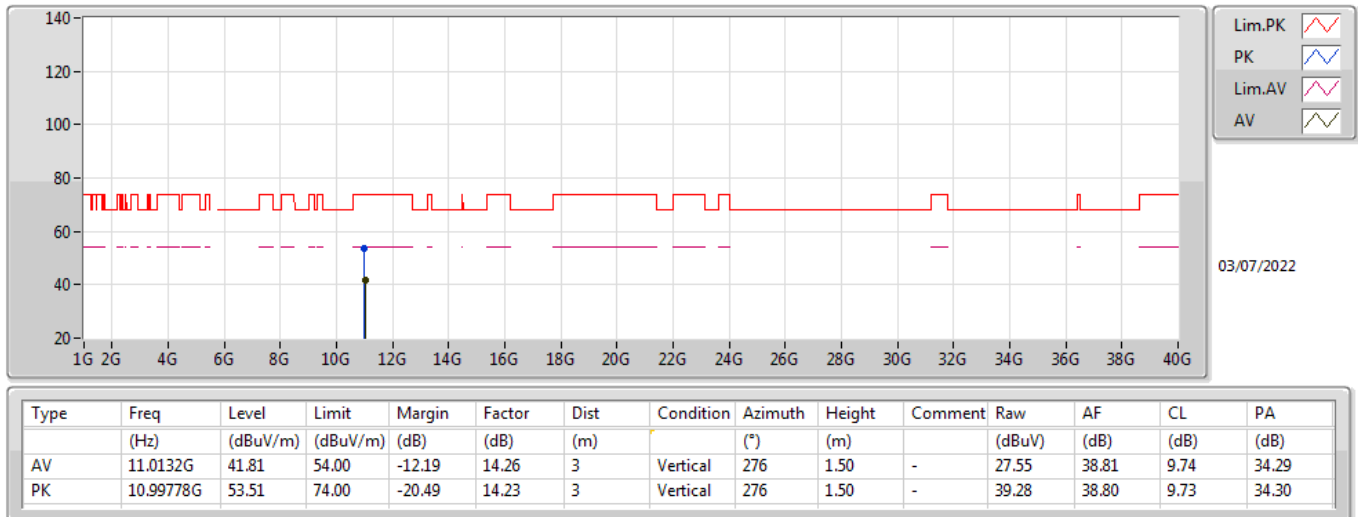
5500MHz_TX



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	5.4578G	47.65	54.00	-6.35	5.45	3	Horizontal	285	1.73	-	42.20	33.12	6.79	34.46
AV	5.4928G	107.90	Inf	-Inf	5.54	3	Horizontal	285	1.73	-	102.36	33.19	6.81	34.46
PK	5.4694G	66.91	68.20	-1.29	5.47	3	Horizontal	285	1.73	-	61.44	33.14	6.79	34.46
PK	5.4926G	116.29	Inf	-Inf	5.54	3	Horizontal	285	1.73	-	110.75	33.19	6.81	34.46

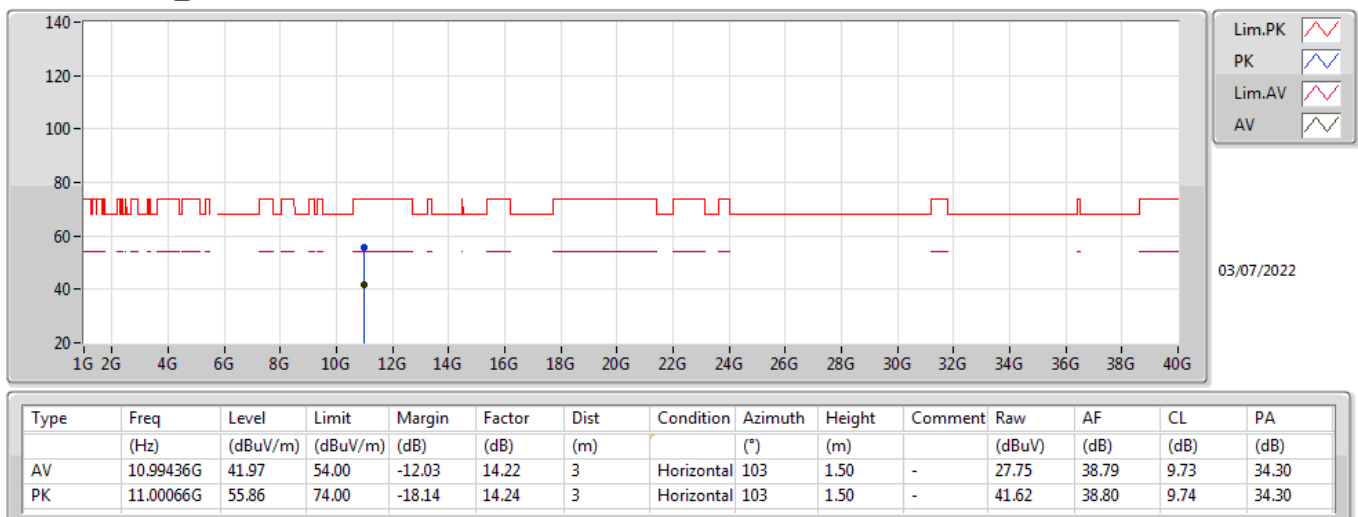
802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX



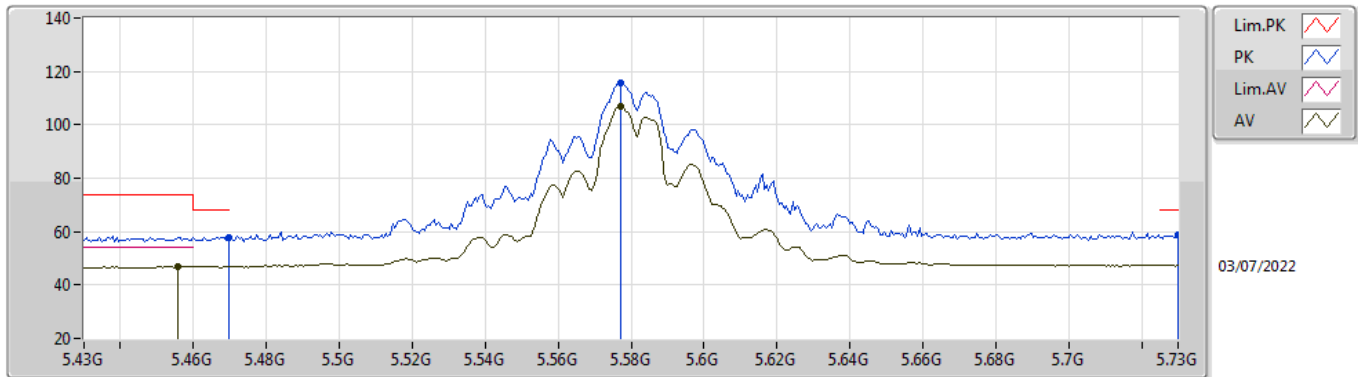
802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX



802.11a_Nss1,(6Mbps)_4TX

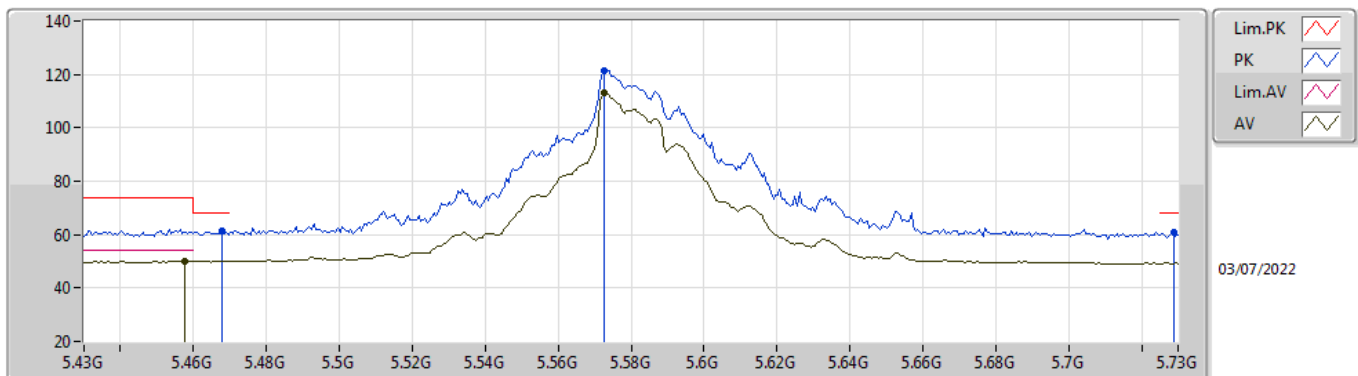
5580MHz_TX



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	46.98	54.00	-7.02	5.44	3	Vertical	239	1.50	-	41.54	33.11	6.79	34.46
AV	5.577G	107.04	Inf	-Inf	5.49	3	Vertical	239	1.50	-	101.55	33.11	6.85	34.47
PK	5.4696G	57.86	68.20	-10.34	5.47	3	Vertical	239	1.50	-	52.39	33.14	6.79	34.46
PK	5.577G	115.65	Inf	-Inf	5.49	3	Vertical	239	1.50	-	110.16	33.11	6.85	34.47
PK	5.73G	58.63	68.20	-9.57	6.06	3	Vertical	239	1.50	-	52.57	33.64	6.91	34.49

802.11a_Nss1,(6Mbps)_4TX

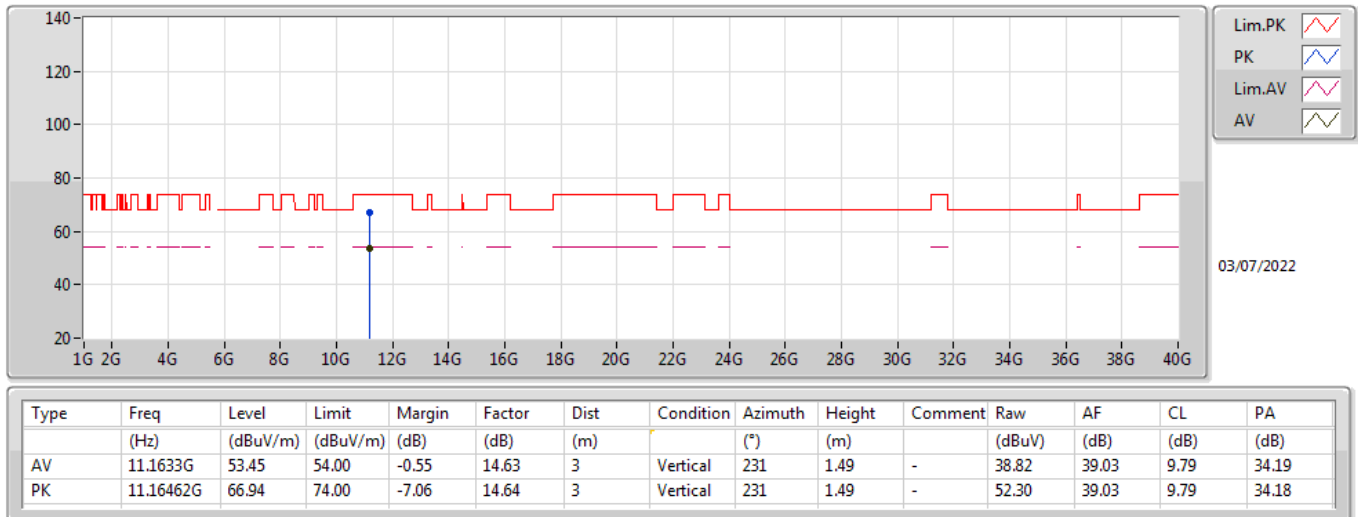
5580MHz_TX



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	5.4576G	49.87	54.00	-4.13	5.45	3	Horizontal	286	1.56	-	44.42	33.12	6.79	34.46
AV	5.5728G	113.28	Inf	-Inf	5.47	3	Horizontal	286	1.56	-	107.81	33.09	6.85	34.47
PK	5.4678G	61.26	68.20	-6.94	5.47	3	Horizontal	286	1.56	-	55.79	33.14	6.79	34.46
PK	5.5728G	121.52	Inf	-Inf	5.47	3	Horizontal	286	1.56	-	116.05	33.09	6.85	34.47
PK	5.7288G	60.79	68.20	-7.41	6.05	3	Horizontal	286	1.56	-	54.74	33.63	6.91	34.49

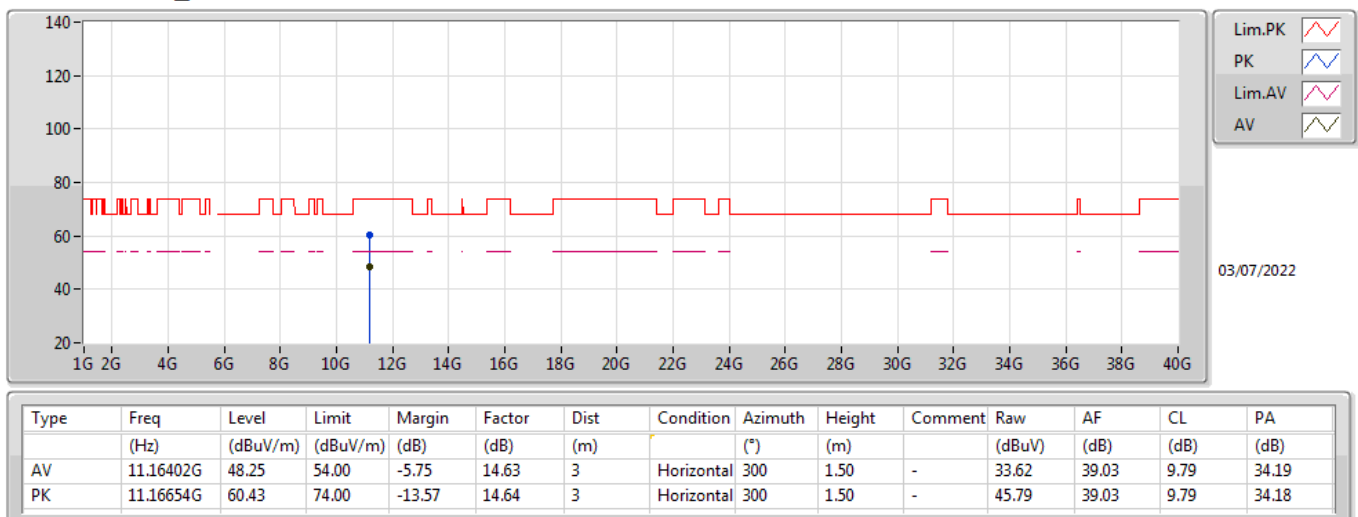
802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX



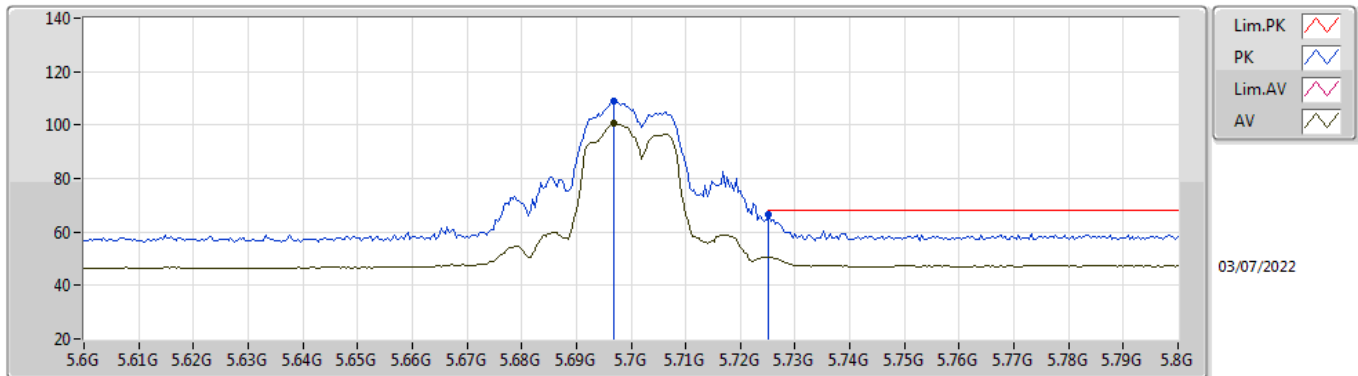
802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX



802.11a_Nss1,(6Mbps)_4TX

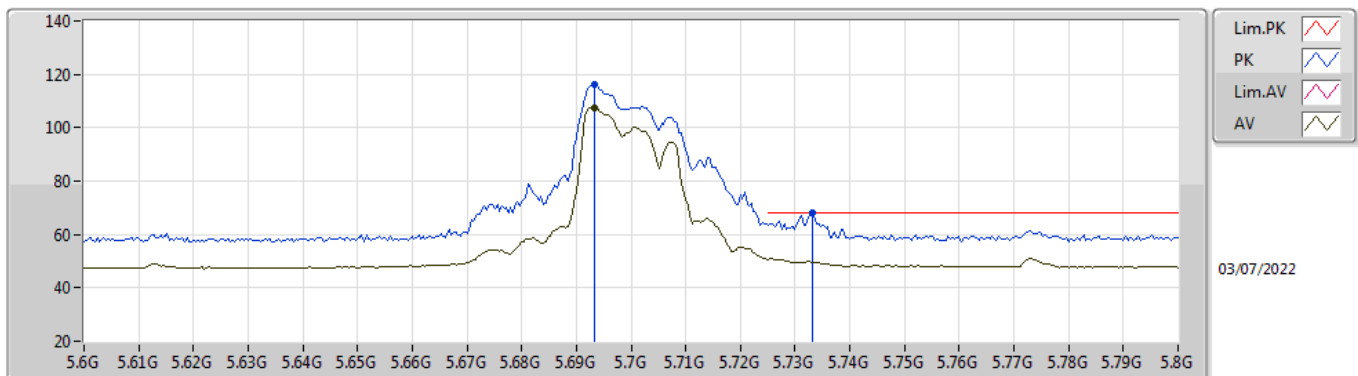
5700MHz_TX



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	5.6968G	100.57	Inf	-Inf	5.80	3	Vertical	239	1.50	-	94.77	33.39	6.89	34.48
PK	5.6968G	108.77	Inf	-Inf	5.80	3	Vertical	239	1.50	-	102.97	33.39	6.89	34.48
PK	5.7252G	66.65	68.20	-1.55	6.01	3	Vertical	239	1.50	-	60.64	33.60	6.90	34.49

802.11a_Nss1,(6Mbps)_4TX

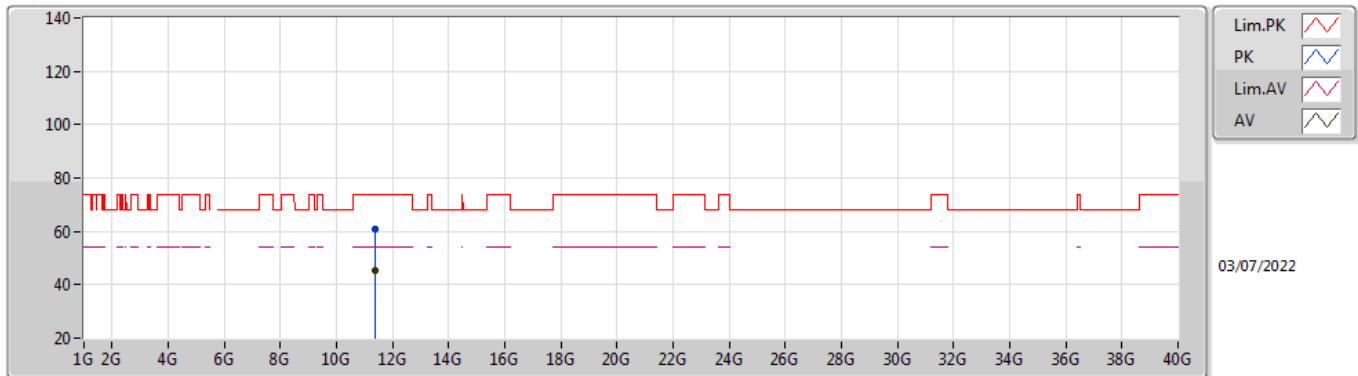
5700MHz_TX



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	5.6932G	107.63	Inf	-Inf	5.80	3	Horizontal	280	1.61	-	101.83	33.39	6.89	34.48
PK	5.6932G	116.22	Inf	-Inf	5.80	3	Horizontal	280	1.61	-	110.42	33.39	6.89	34.48
PK	5.7332G	67.97	68.20	-0.23	6.09	3	Horizontal	280	1.61	-	61.88	33.67	6.91	34.49

802.11a_Nss1,(6Mbps)_4TX

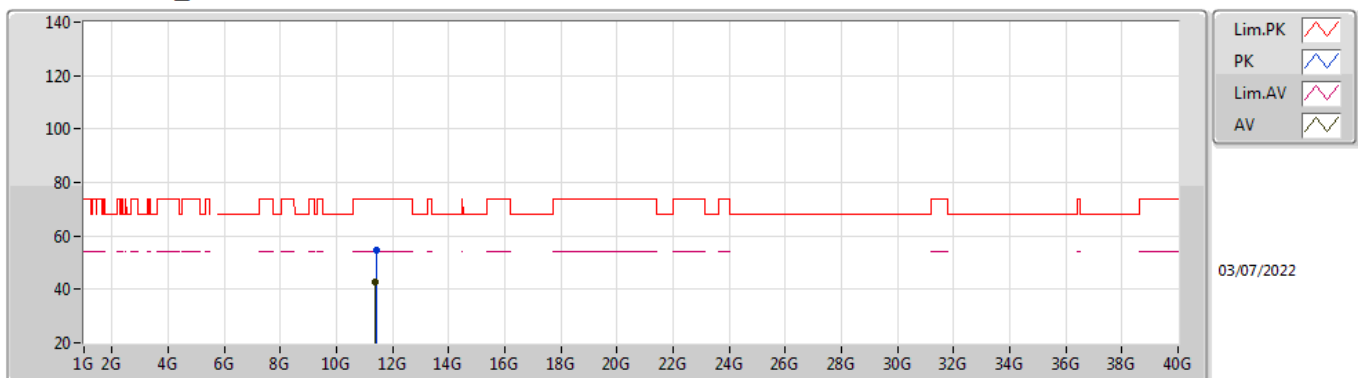
5700MHz_TX



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	11.39388G	45.53	54.00	-8.47	14.86	3	Vertical	231	1.50	-	30.67	39.01	9.87	34.02
PK	11.39346G	60.71	74.00	-13.29	14.86	3	Vertical	231	1.50	-	45.85	39.01	9.87	34.02

802.11a_Nss1,(6Mbps)_4TX

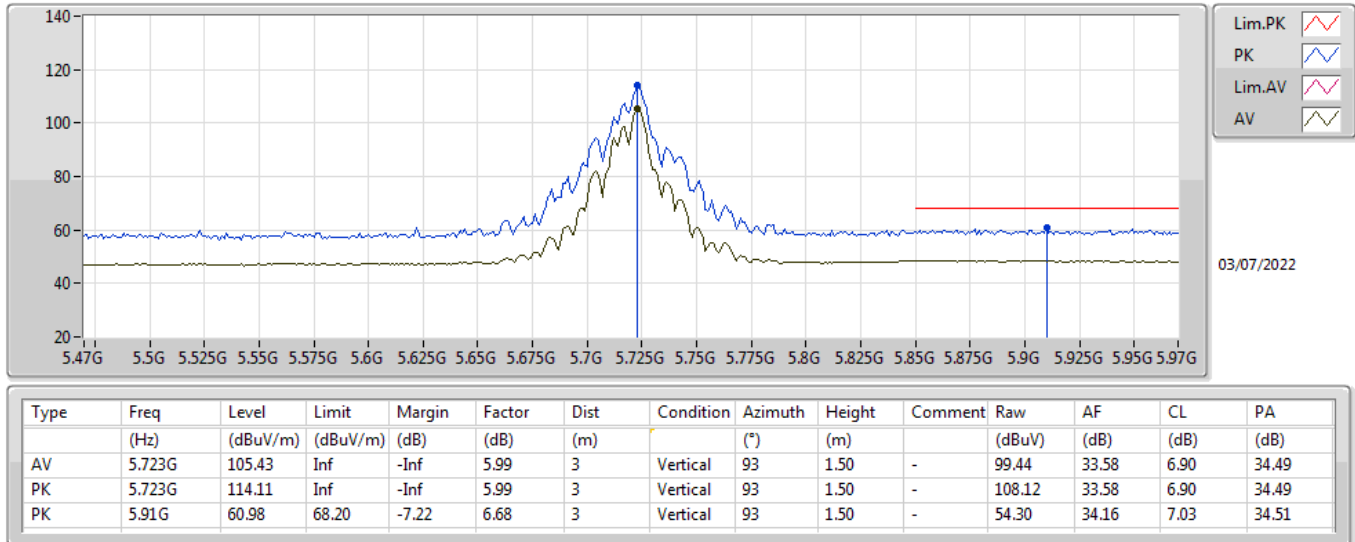
5700MHz_TX



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	11.39496G	42.64	54.00	-11.36	14.87	3	Horizontal	298	1.50	-	27.77	39.01	9.88	34.02
PK	11.41392G	54.61	74.00	-19.39	14.87	3	Horizontal	298	1.50	-	39.74	39.00	9.88	34.01

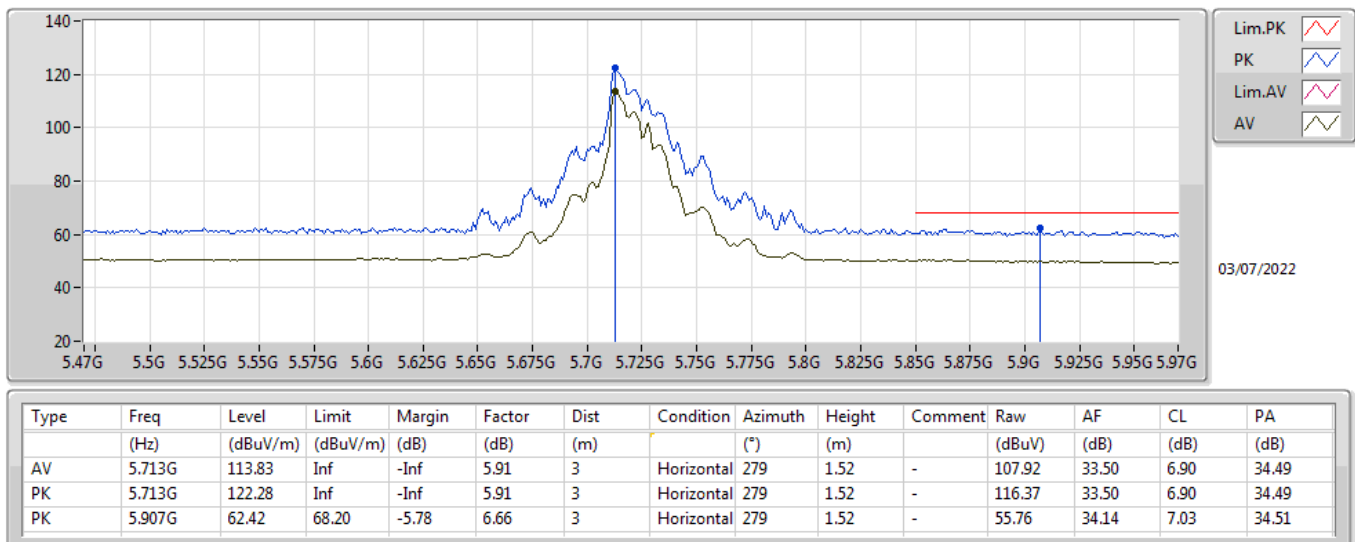
802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



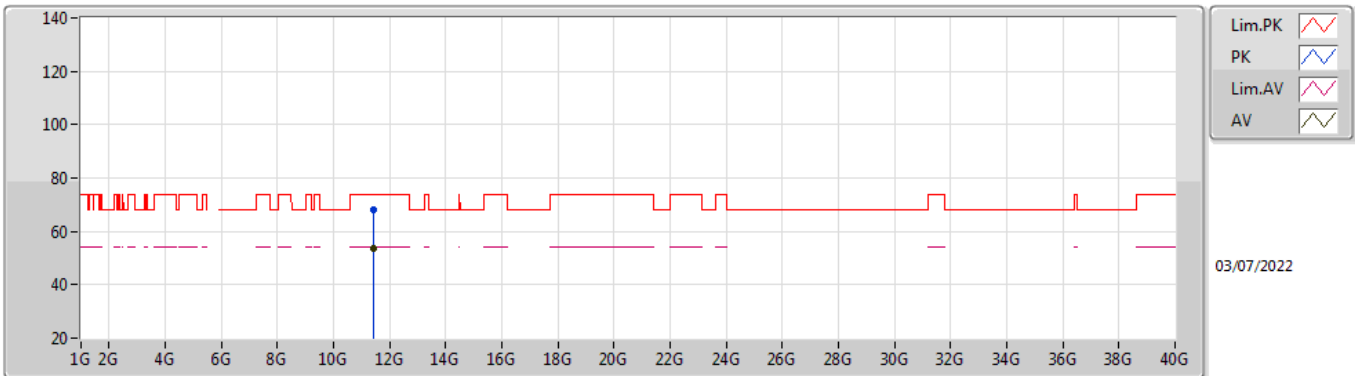
802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX



802.11a_Nss1,(6Mbps)_4TX

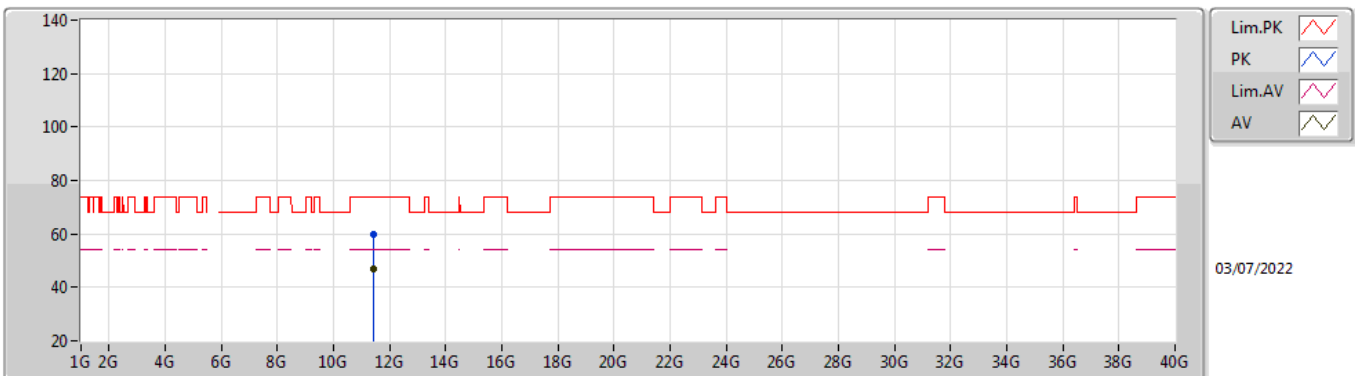
5720MHz Straddle 5.47-5.725GHz_TX



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	11.43322G	53.39	54.00	-0.61	14.89	3	Vertical	231	1.50	-	38.50	39.00	9.89	34.00
PK	11.43292G	67.88	74.00	-6.12	14.89	3	Vertical	231	1.50	-	52.99	39.00	9.89	34.00

802.11a_Nss1,(6Mbps)_4TX

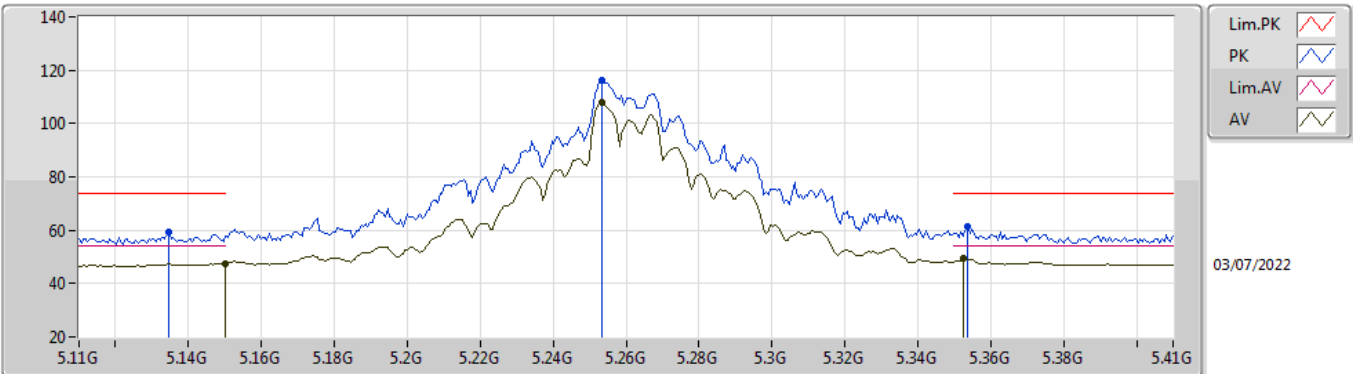
5720MHz Straddle 5.47-5.725GHz_TX



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	11.43346G	46.93	54.00	-7.07	14.89	3	Horizontal	299	1.38	-	32.04	39.00	9.89	34.00
PK	11.43364G	59.84	74.00	-14.16	14.89	3	Horizontal	299	1.38	-	44.95	39.00	9.89	34.00

802.11ac VHT20_Nss1,(MCS0)_4TX

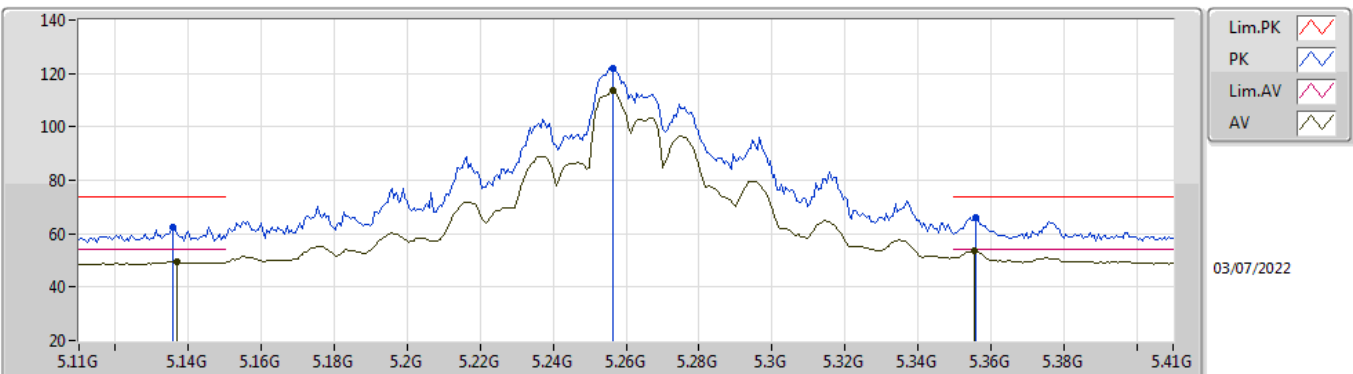
5260MHz_TX



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	5.15G	47.60	54.00	-6.40	5.15	3	Vertical	64	1.66	-	42.45	33.10	6.49	34.44
AV	5.2534G	107.86	Inf	-Inf	5.05	3	Vertical	64	1.66	-	102.81	32.91	6.59	34.45
AV	5.3524G	49.24	54.00	-4.76	5.16	3	Vertical	64	1.66	-	44.08	32.90	6.71	34.45
PK	5.1346G	59.49	74.00	-14.51	5.17	3	Vertical	64	1.66	-	54.32	33.13	6.48	34.44
PK	5.2534G	116.12	Inf	-Inf	5.05	3	Vertical	64	1.66	-	111.07	32.91	6.59	34.45
PK	5.3536G	61.20	74.00	-12.80	5.17	3	Vertical	64	1.66	-	56.03	32.91	6.71	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

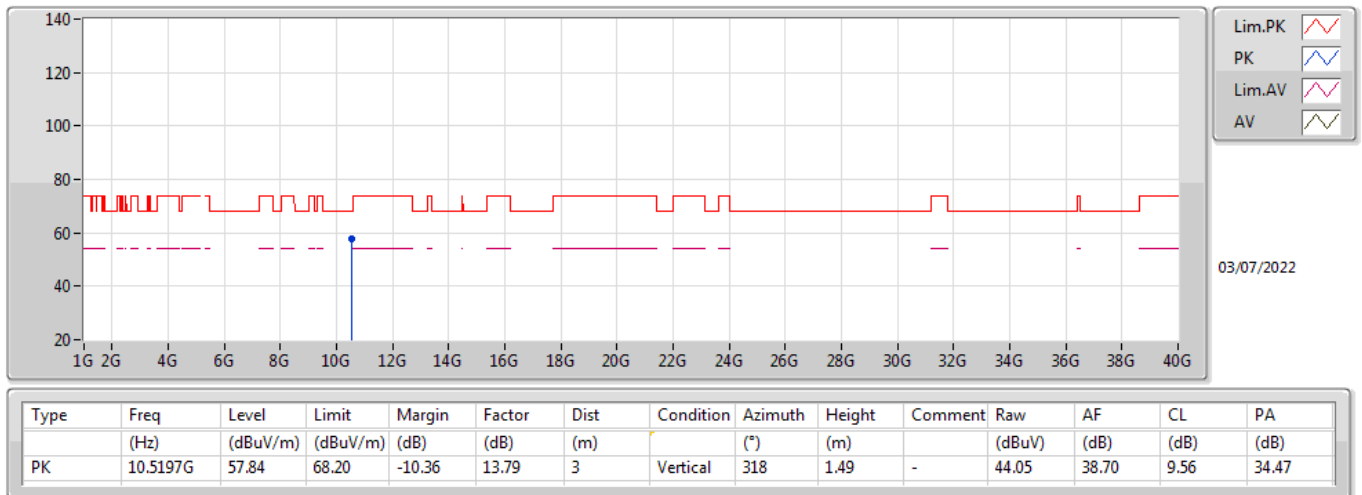
5260MHz_TX



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	49.69	54.00	-4.31	5.17	3	Horizontal	293	1.59	-	44.52	33.13	6.48	34.44
AV	5.2564G	113.39	Inf	-Inf	5.07	3	Horizontal	293	1.59	-	108.32	32.93	6.59	34.45
AV	5.3554G	53.62	54.00	-0.38	5.17	3	Horizontal	293	1.59	-	48.45	32.91	6.71	34.45
PK	5.1358G	62.46	74.00	-11.54	5.17	3	Horizontal	293	1.59	-	57.29	33.13	6.48	34.44
PK	5.2564G	121.86	Inf	-Inf	5.07	3	Horizontal	293	1.59	-	116.79	32.93	6.59	34.45
PK	5.356G	66.28	74.00	-7.72	5.17	3	Horizontal	293	1.59	-	61.11	32.91	6.71	34.45

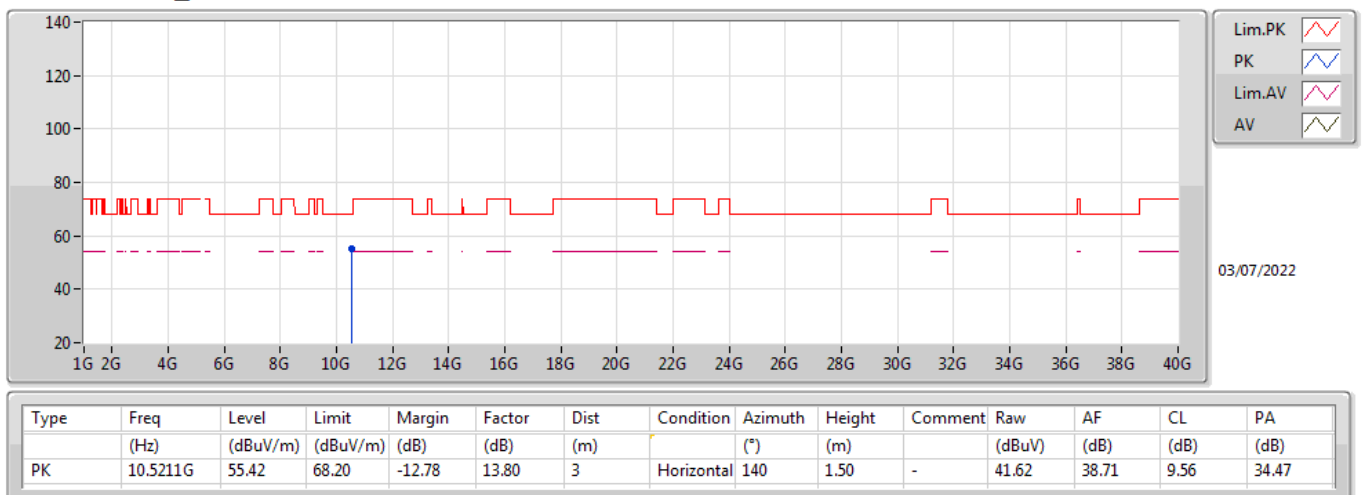
802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX



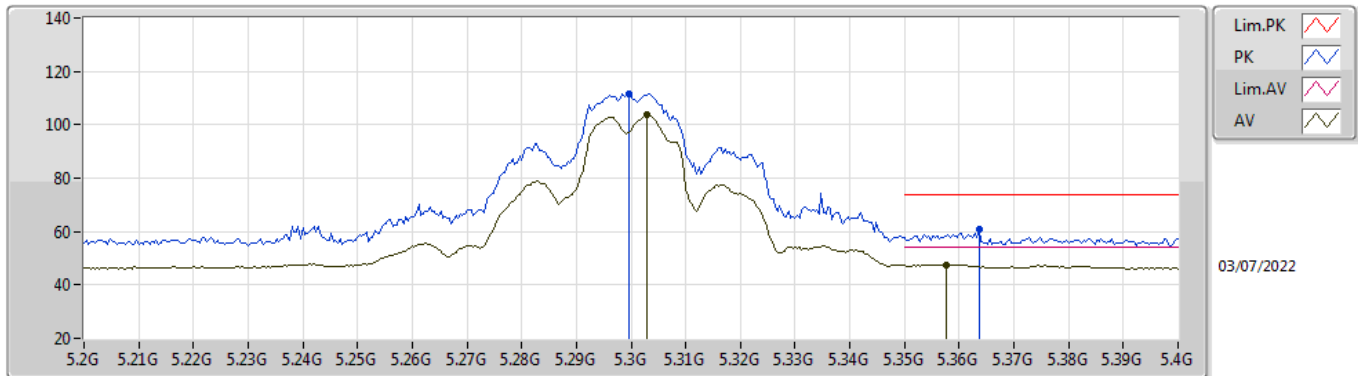
802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX



802.11ac VHT20_Nss1,(MCS0)_4TX

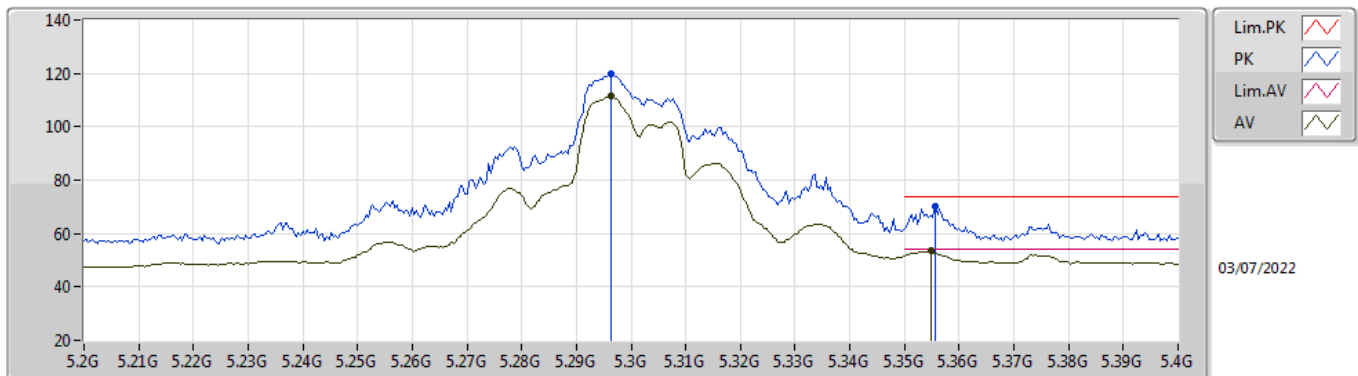
5300MHz_TX



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	5.3028G	103.78	Inf	-Inf	5.29	3	Vertical	77	1.50	-	98.49	33.09	6.65	34.45
AV	5.3576G	47.46	54.00	-6.54	5.18	3	Vertical	77	1.50	-	42.28	32.92	6.71	34.45
PK	5.2996G	111.70	Inf	-Inf	5.29	3	Vertical	77	1.50	-	106.41	33.10	6.64	34.45
PK	5.3636G	60.72	74.00	-13.28	5.20	3	Vertical	77	1.50	-	55.52	32.93	6.72	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

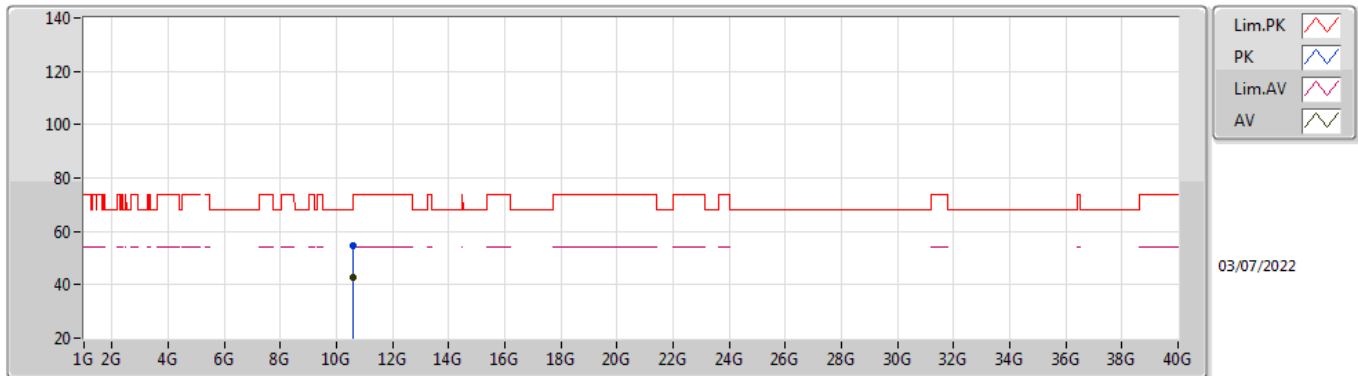
5300MHz_TX



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	5.2964G	111.63	Inf	-Inf	5.28	3	Horizontal	292	1.61	-	106.35	33.09	6.64	34.45
AV	5.3548G	53.39	54.00	-0.61	5.17	3	Horizontal	292	1.61	-	48.22	32.91	6.71	34.45
PK	5.2964G	119.71	Inf	-Inf	5.28	3	Horizontal	292	1.61	-	114.43	33.09	6.64	34.45
PK	5.3556G	70.16	74.00	-3.84	5.17	3	Horizontal	292	1.61	-	64.99	32.91	6.71	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

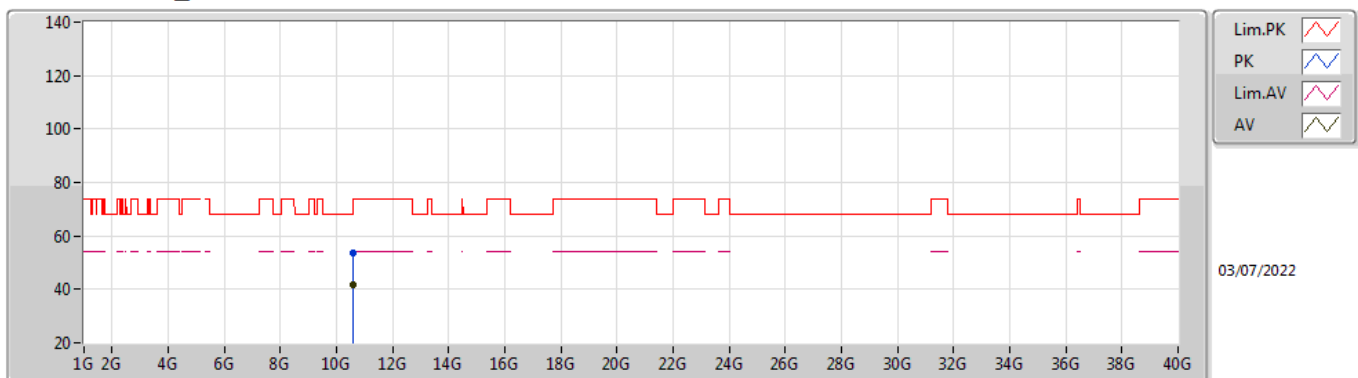
5300MHz_TX



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	10.60114G	42.63	54.00	-11.37	14.25	3	Vertical	311	1.56	-	28.38	39.10	9.59	34.44
PK	10.5988G	54.52	68.20	-13.68	14.24	3	Vertical	311	1.56	-	40.28	39.09	9.59	34.44

802.11ac VHT20_Nss1,(MCS0)_4TX

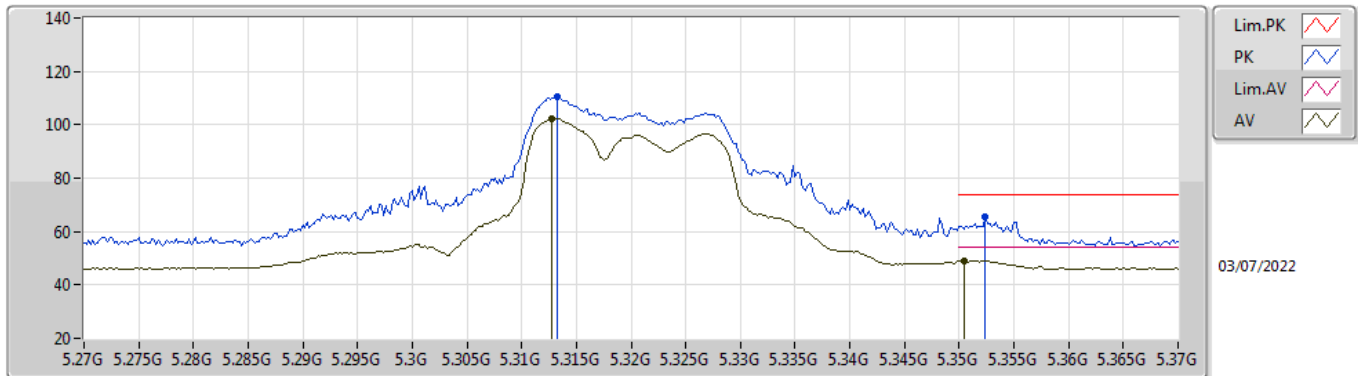
5300MHz_TX



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	10.60348G	41.76	54.00	-12.24	14.25	3	Horizontal	240	1.50	-	27.51	39.10	9.59	34.44
PK	10.59136G	53.53	68.20	-14.67	14.20	3	Horizontal	240	1.50	-	39.33	39.06	9.59	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

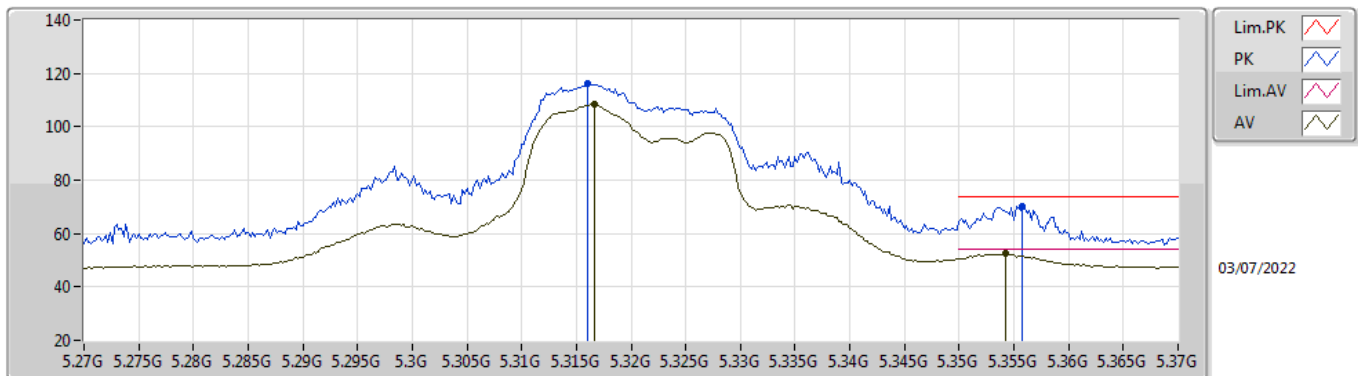
5320MHz_TX



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	5.3128G	102.39	Inf	-Inf	5.26	3	Vertical	64	1.56	-	97.13	33.05	6.66	34.45
AV	5.3504G	49.10	54.00	-4.90	5.15	3	Vertical	64	1.56	-	43.95	32.90	6.70	34.45
PK	5.3132G	110.35	Inf	-Inf	5.26	3	Vertical	64	1.56	-	105.09	33.05	6.66	34.45
PK	5.3524G	65.28	74.00	-8.72	5.16	3	Vertical	64	1.56	-	60.12	32.90	6.71	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

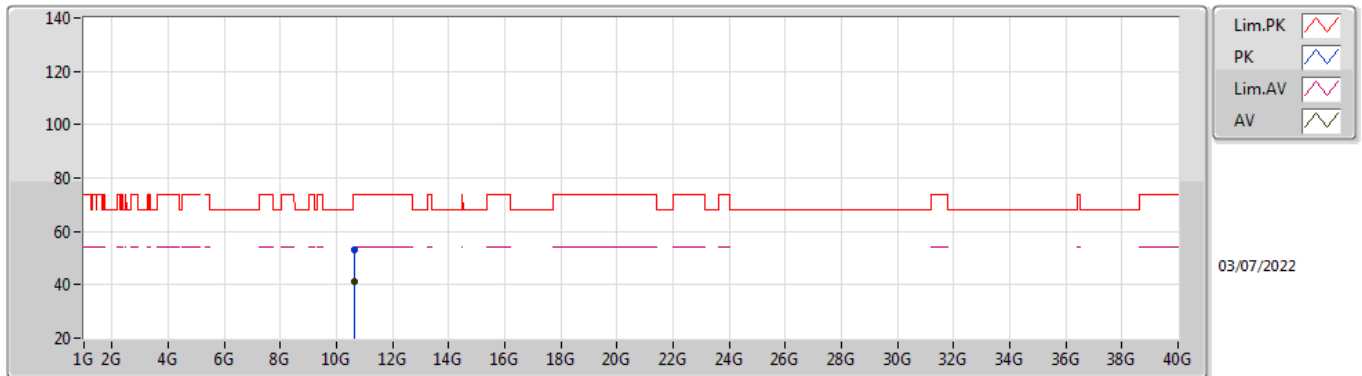
5320MHz_TX



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	5.3166G	108.25	Inf	-Inf	5.24	3	Horizontal	292	1.71	-	103.01	33.03	6.66	34.45
AV	5.3542G	52.74	54.00	-1.26	5.17	3	Horizontal	292	1.71	-	47.57	32.91	6.71	34.45
PK	5.316G	116.24	Inf	-Inf	5.25	3	Horizontal	292	1.71	-	110.99	33.04	6.66	34.45
PK	5.3558G	70.25	74.00	-3.75	5.17	3	Horizontal	292	1.71	-	65.08	32.91	6.71	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

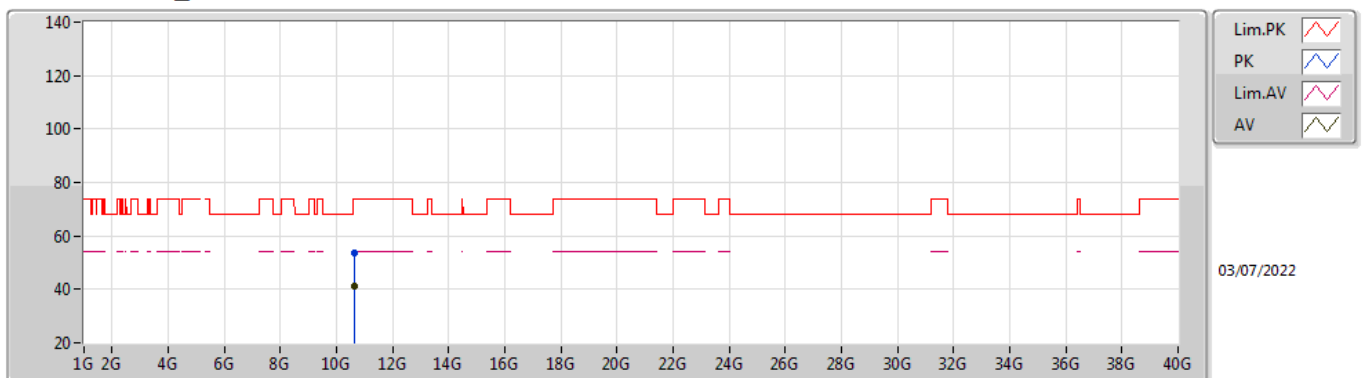
5320MHz_TX



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	10.64474G	41.28	54.00	-12.72	14.24	3	Vertical	112	2.93	-	27.04	39.06	9.61	34.43
PK	10.63442G	52.92	74.00	-21.08	14.25	3	Vertical	112	2.93	-	38.67	39.07	9.61	34.43

802.11ac VHT20_Nss1,(MCS0)_4TX

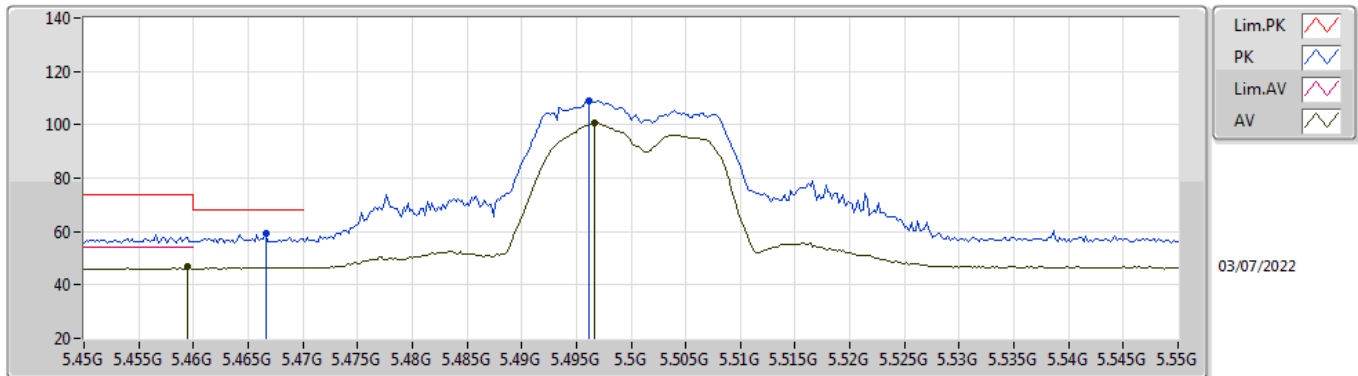
5320MHz_TX



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	10.62644G	41.34	54.00	-12.66	14.24	3	Horizontal	194	1.50	-	27.10	39.07	9.60	34.43
PK	10.6481G	53.80	74.00	-20.20	14.23	3	Horizontal	194	1.50	-	39.57	39.05	9.61	34.43

802.11ac VHT20_Nss1,(MCS0)_4TX

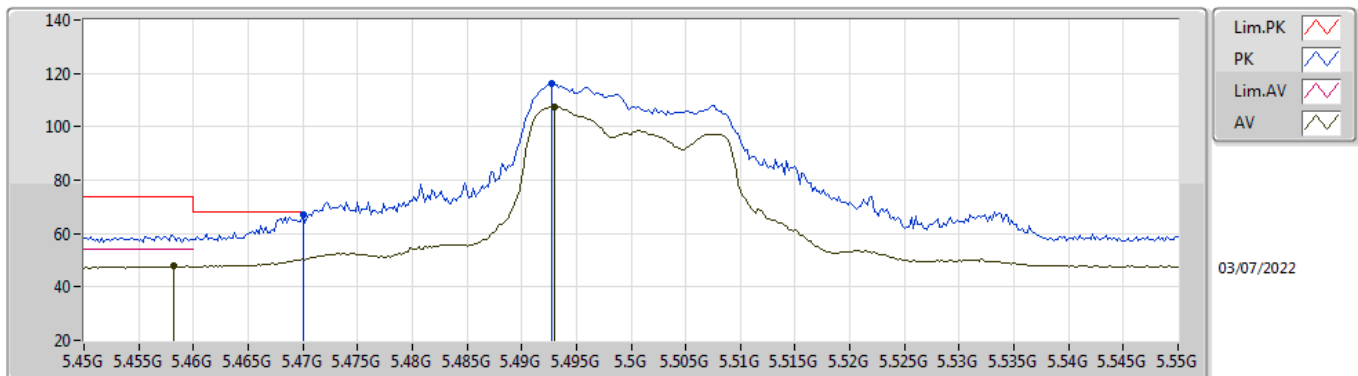
5500MHz_TX



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	5.4594G	46.65	54.00	-7.35	5.45	3	Vertical	240	1.59	-	41.20	33.12	6.79	34.46
AV	5.4966G	100.66	Inf	-Inf	5.54	3	Vertical	240	1.59	-	95.12	33.19	6.81	34.46
PK	5.4666G	59.15	68.20	-9.05	5.46	3	Vertical	240	1.59	-	53.69	33.13	6.79	34.46
PK	5.4962G	109.11	Inf	-Inf	5.54	3	Vertical	240	1.59	-	103.57	33.19	6.81	34.46

802.11ac VHT20_Nss1,(MCS0)_4TX

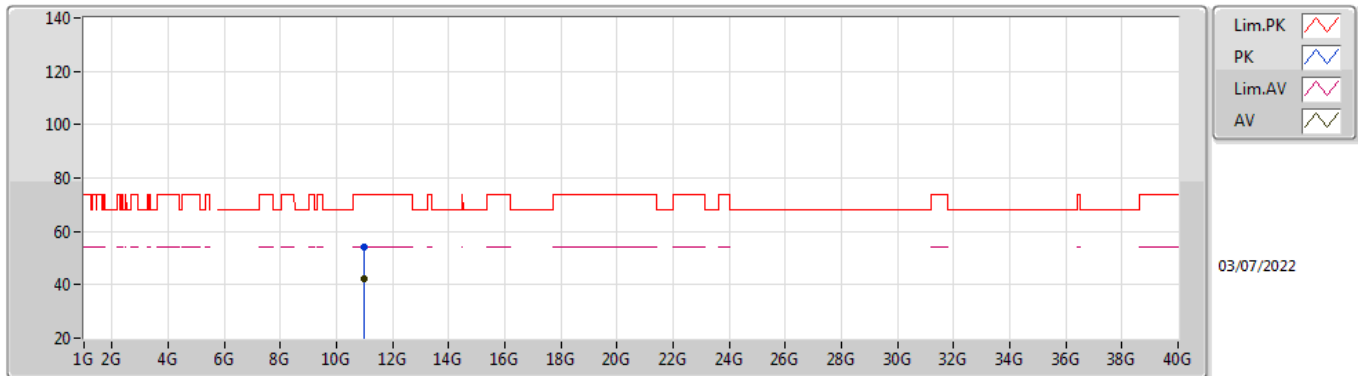
5500MHz_TX



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	5.4582G	47.81	54.00	-6.19	5.45	3	Horizontal	286	1.72	-	42.36	33.12	6.79	34.46
AV	5.493G	107.67	Inf	-Inf	5.54	3	Horizontal	286	1.72	-	102.13	33.19	6.81	34.46
PK	5.47G	67.07	68.20	-1.13	5.47	3	Horizontal	286	1.72	-	61.60	33.14	6.79	34.46
PK	5.4928G	116.27	Inf	-Inf	5.54	3	Horizontal	286	1.72	-	110.73	33.19	6.81	34.46

802.11ac VHT20_Nss1,(MCS0)_4TX

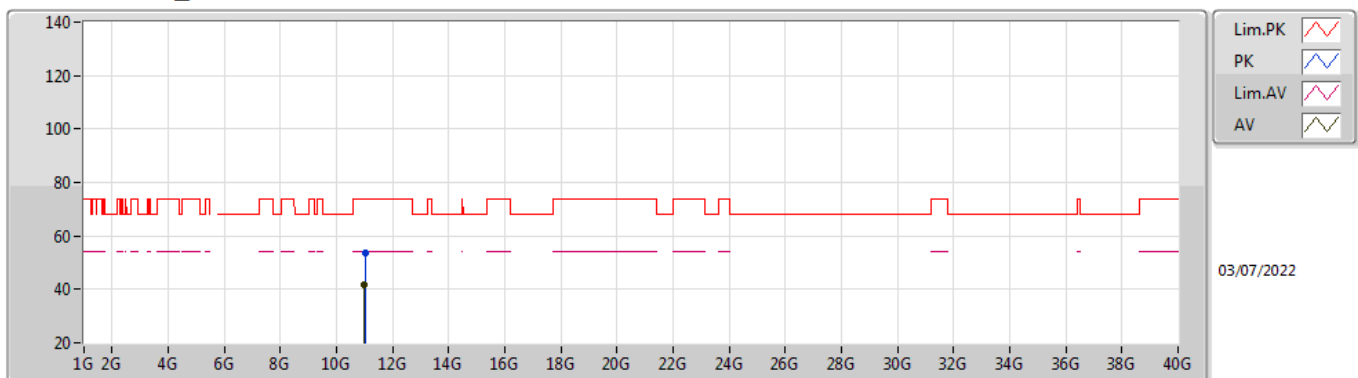
5500MHz_TX



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	11.00168G	42.08	54.00	-11.92	14.24	3	Vertical	237	1.64	-	27.84	38.80	9.74	34.30
PK	10.99628G	54.03	74.00	-19.97	14.23	3	Vertical	237	1.64	-	39.80	38.80	9.73	34.30

802.11ac VHT20_Nss1,(MCS0)_4TX

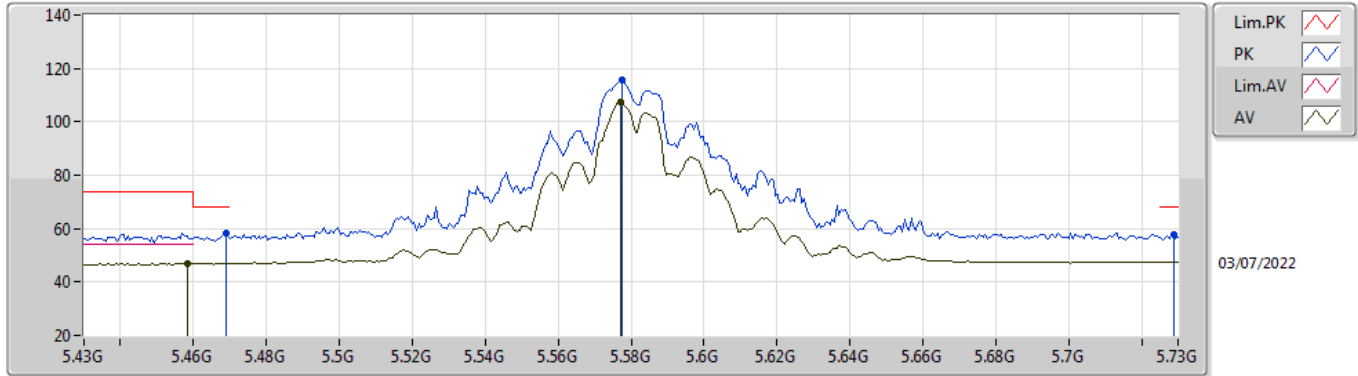
5500MHz_TX



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	10.98824G	41.90	54.00	-12.10	14.22	3	Horizontal	83	2.68	-	27.68	38.79	9.73	34.30
PK	11.01284G	53.78	74.00	-20.22	14.26	3	Horizontal	83	2.68	-	39.52	38.81	9.74	34.29

802.11ac VHT20_Nss1,(MCS0)_4TX

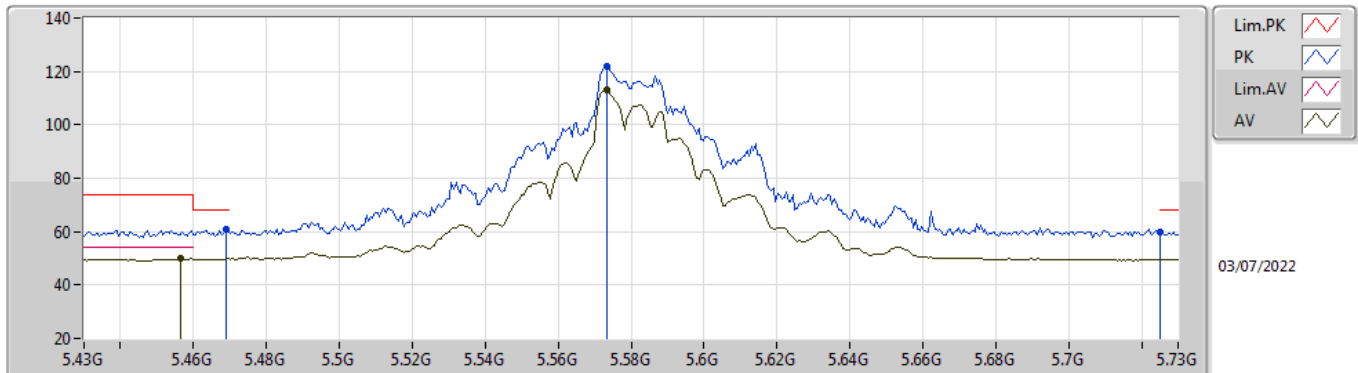
5580MHz_TX



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	5.4582G	46.99	54.00	-7.01	5.45	3	Vertical	239	1.50	-	41.54	33.12	6.79	34.46
AV	5.577G	107.36	Inf	-Inf	5.49	3	Vertical	239	1.50	-	101.87	33.11	6.85	34.47
PK	5.469G	58.10	68.20	-10.10	5.47	3	Vertical	239	1.50	-	52.63	33.14	6.79	34.46
PK	5.5776G	115.51	Inf	-Inf	5.49	3	Vertical	239	1.50	-	110.02	33.11	6.85	34.47
PK	5.7288G	57.57	68.20	-10.63	6.05	3	Vertical	239	1.50	-	51.52	33.63	6.91	34.49

802.11ac VHT20_Nss1,(MCS0)_4TX

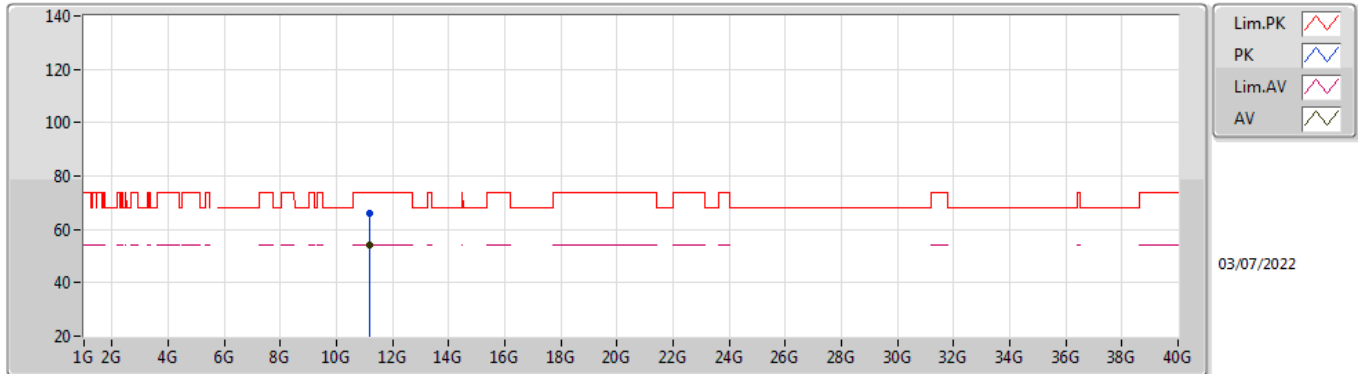
5580MHz_TX



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	5.4564G	49.97	54.00	-4.03	5.44	3	Horizontal	280	1.54	-	44.53	33.11	6.79	34.46
AV	5.5734G	113.14	Inf	-Inf	5.47	3	Horizontal	280	1.54	-	107.67	33.09	6.85	34.47
PK	5.469G	60.82	68.20	-7.38	5.47	3	Horizontal	280	1.54	-	55.35	33.14	6.79	34.46
PK	5.5734G	121.89	Inf	-Inf	5.47	3	Horizontal	280	1.54	-	116.42	33.09	6.85	34.47
PK	5.7252G	60.08	68.20	-8.12	6.01	3	Horizontal	280	1.54	-	54.07	33.60	6.90	34.49

802.11ac VHT20_Nss1,(MCS0)_4TX

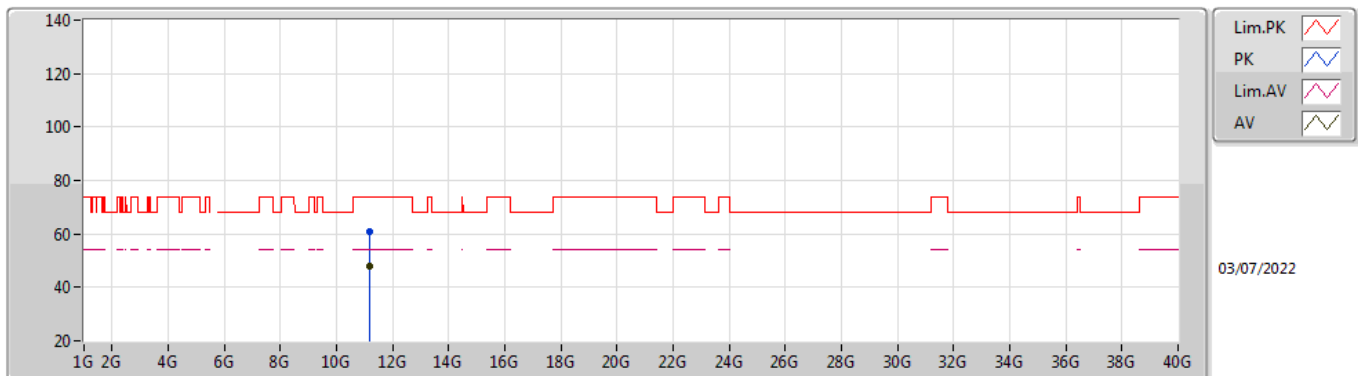
5580MHz_TX



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	11.16366G	53.94	54.00	-0.06	14.63	3	Vertical	231	1.50	-	39.31	39.03	9.79	34.19
PK	11.16456G	65.82	74.00	-8.18	14.64	3	Vertical	231	1.50	-	51.18	39.03	9.79	34.18

802.11ac VHT20_Nss1,(MCS0)_4TX

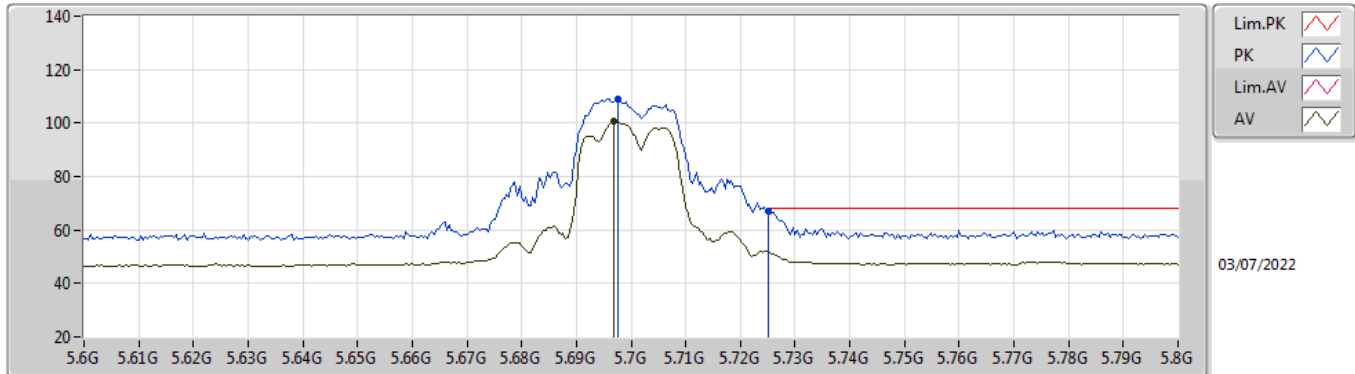
5580MHz_TX



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	11.16474G	47.97	54.00	-6.03	14.64	3	Horizontal	299	1.54	-	33.33	39.03	9.79	34.18
PK	11.16306G	60.83	74.00	-13.17	14.63	3	Horizontal	299	1.54	-	46.20	39.03	9.79	34.19

802.11ac VHT20_Nss1,(MCS0)_4TX

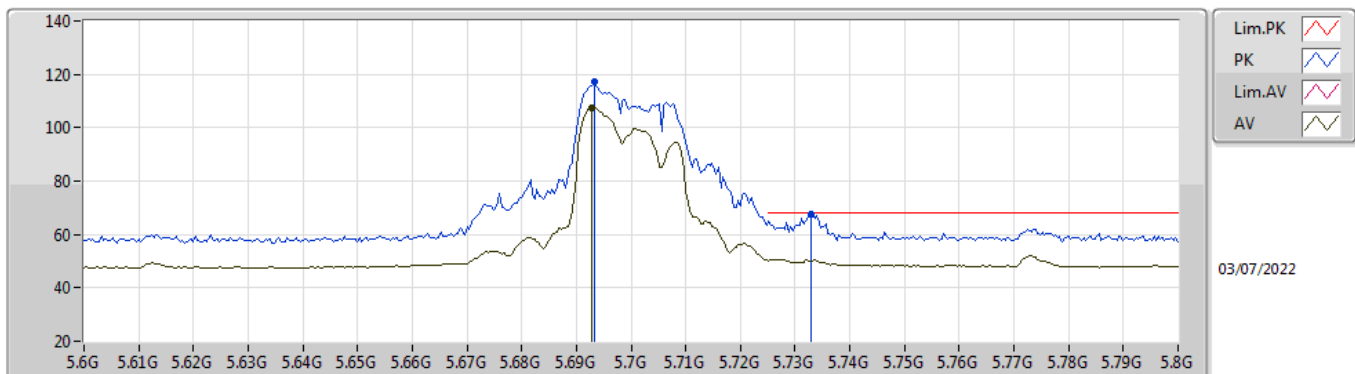
5700MHz_TX



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	5.6968G	100.57	Inf	-Inf	5.80	3	Vertical	237	1.50	-	94.77	33.39	6.89	34.48
PK	5.6976G	109.02	Inf	-Inf	5.81	3	Vertical	237	1.50	-	103.21	33.40	6.89	34.48
PK	5.7252G	66.84	68.20	-1.36	6.01	3	Vertical	237	1.50	-	60.83	33.60	6.90	34.49

802.11ac VHT20_Nss1,(MCS0)_4TX

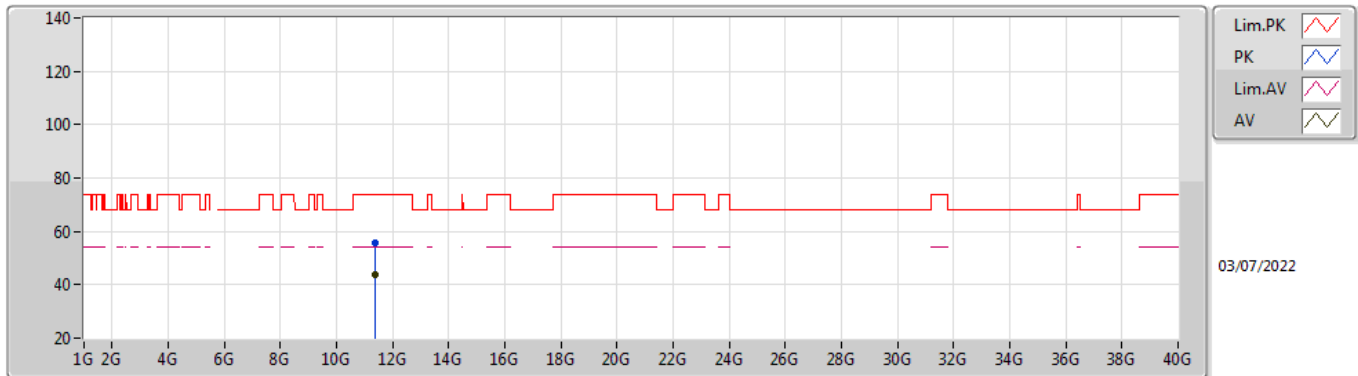
5700MHz_TX



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	5.6928G	107.58	Inf	-Inf	5.80	3	Horizontal	279	1.62	-	101.78	33.39	6.89	34.48
PK	5.6932G	117.00	Inf	-Inf	5.80	3	Horizontal	279	1.62	-	111.20	33.39	6.89	34.48
PK	5.7328G	67.48	68.20	-0.72	6.08	3	Horizontal	279	1.62	-	61.40	33.66	6.91	34.49

802.11ac VHT20_Nss1,(MCS0)_4TX

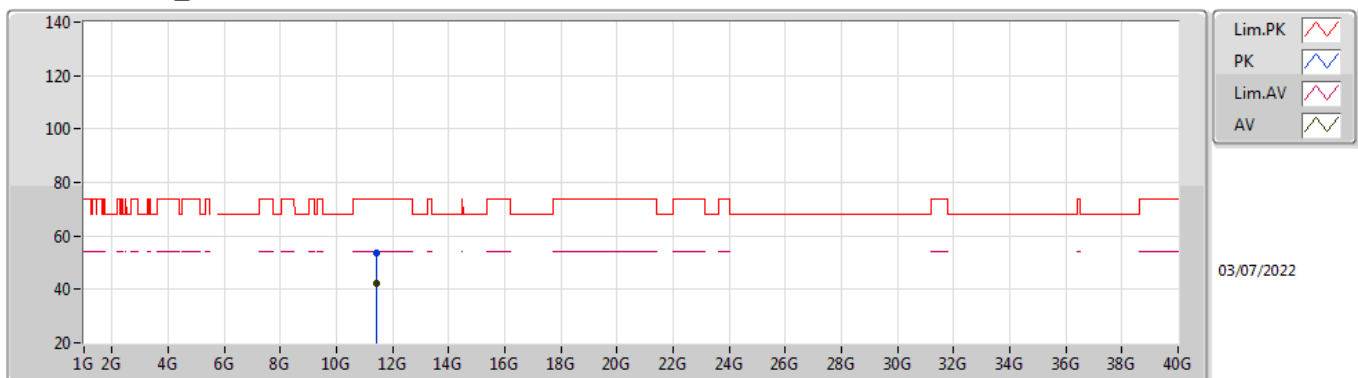
5700MHz_TX



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	11.3955G	43.58	54.00	-10.42	14.87	3	Vertical	231	1.50	-	28.71	39.01	9.88	34.02
PK	11.39436G	55.50	74.00	-18.50	14.86	3	Vertical	231	1.50	-	40.64	39.01	9.87	34.02

802.11ac VHT20_Nss1,(MCS0)_4TX

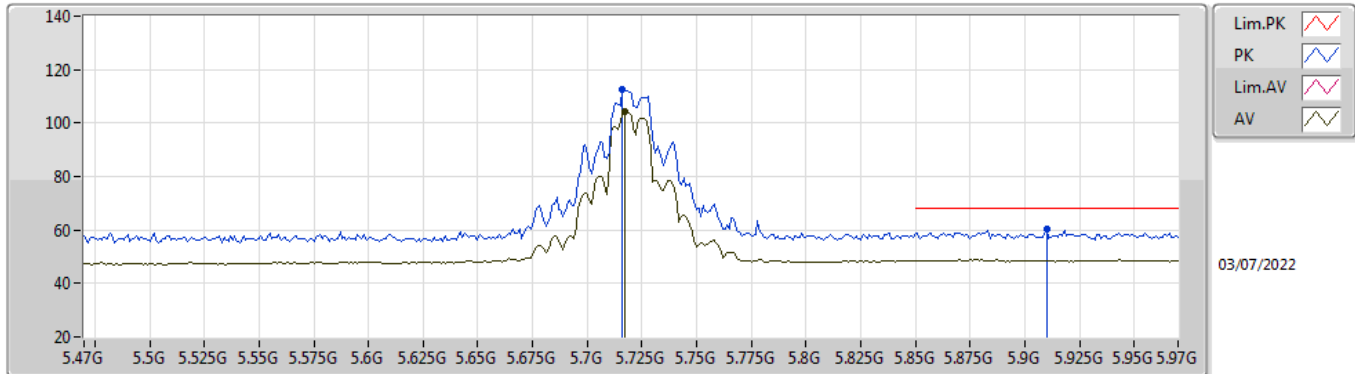
5700MHz_TX



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	11.40618G	42.32	54.00	-11.68	14.86	3	Horizontal	294	1.55	-	27.46	39.00	9.88	34.02
PK	11.4045G	53.81	74.00	-20.19	14.86	3	Horizontal	294	1.55	-	38.95	39.00	9.88	34.02

802.11ac VHT20_Nss1,(MCS0)_4TX

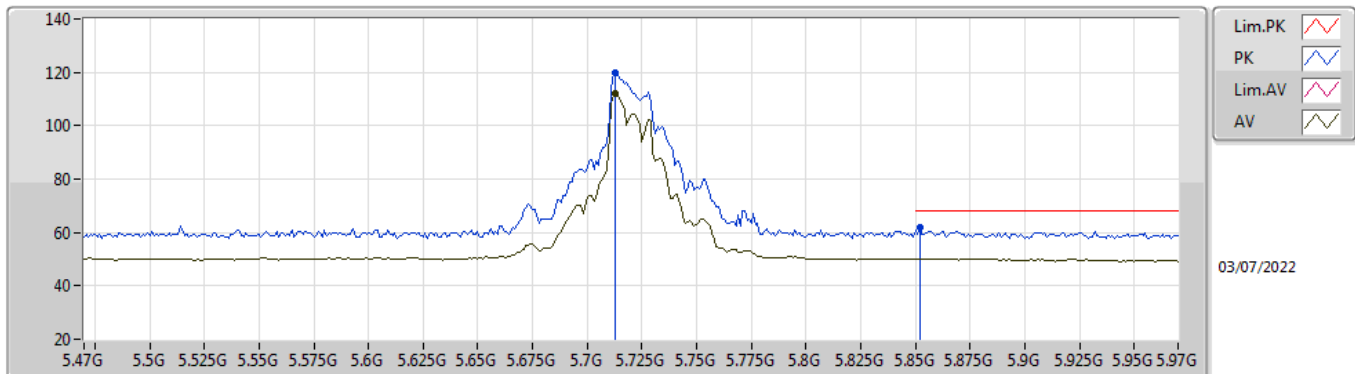
5720MHz Straddle 5.47-5.725GHz_TX



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	5.717G	104.50	Inf	-Inf	5.95	3	Vertical	239	1.68	-	98.55	33.54	6.90	34.49
PK	5.716G	112.36	Inf	-Inf	5.94	3	Vertical	239	1.68	-	106.42	33.53	6.90	34.49
PK	5.91G	60.16	68.20	-8.04	6.68	3	Vertical	239	1.68	-	53.48	34.16	7.03	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

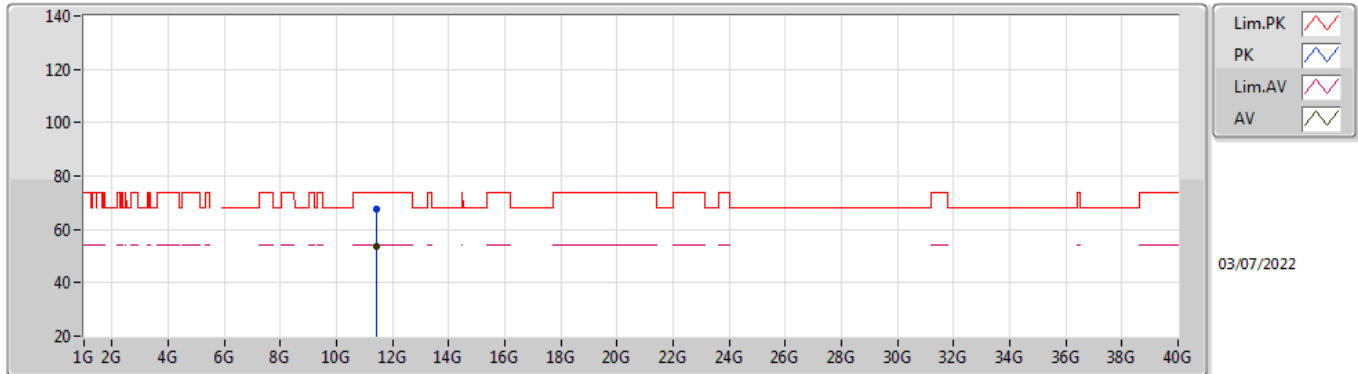
5720MHz Straddle 5.47-5.725GHz_TX



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	5.713G	112.32	Inf	-Inf	5.91	3	Horizontal	279	1.50	-	106.41	33.50	6.90	34.49
PK	5.713G	119.85	Inf	-Inf	5.91	3	Horizontal	279	1.50	-	113.94	33.50	6.90	34.49
PK	5.852G	61.70	68.20	-6.50	6.68	3	Horizontal	279	1.50	-	55.02	34.20	6.98	34.50

802.11ac VHT20_Nss1,(MCS0)_4TX

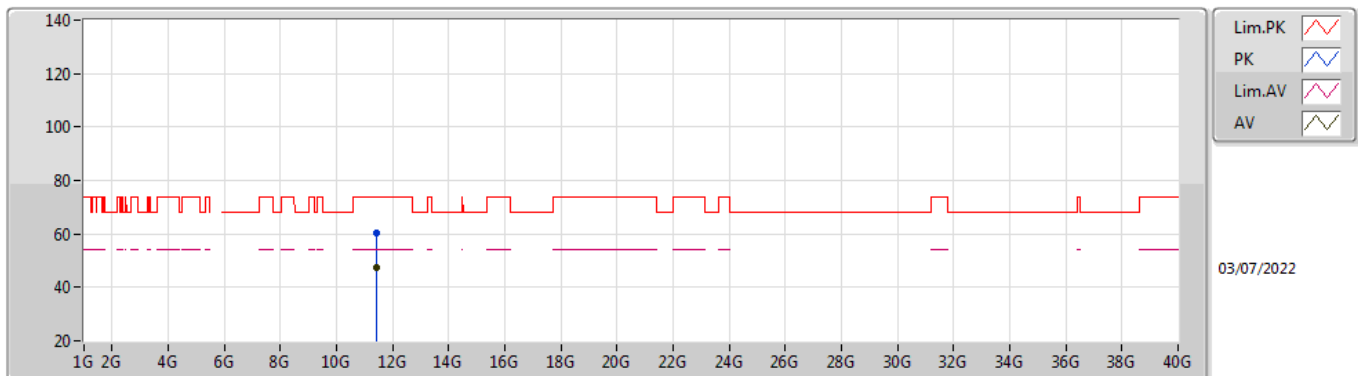
5720MHz Straddle 5.47-5.725GHz_TX



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	11.43334G	53.53	54.00	-0.47	14.89	3	Vertical	230	1.50	-	38.64	39.00	9.89	34.00
PK	11.43178G	67.49	74.00	-6.51	14.89	3	Vertical	230	1.50	-	52.60	39.00	9.89	34.00

802.11ac VHT20_Nss1,(MCS0)_4TX

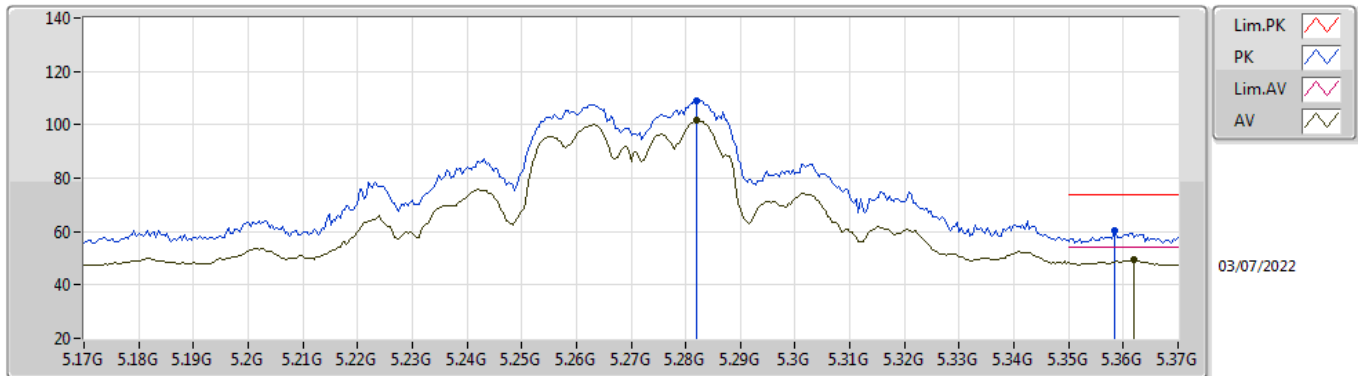
5720MHz Straddle 5.47-5.725GHz_TX



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	11.43376G	47.51	54.00	-6.49	14.89	3	Horizontal	298	1.49	-	32.62	39.00	9.89	34.00
PK	11.43352G	60.57	74.00	-13.43	14.89	3	Horizontal	298	1.49	-	45.68	39.00	9.89	34.00

802.11ac VHT40_Nss1,(MCS0)_4TX

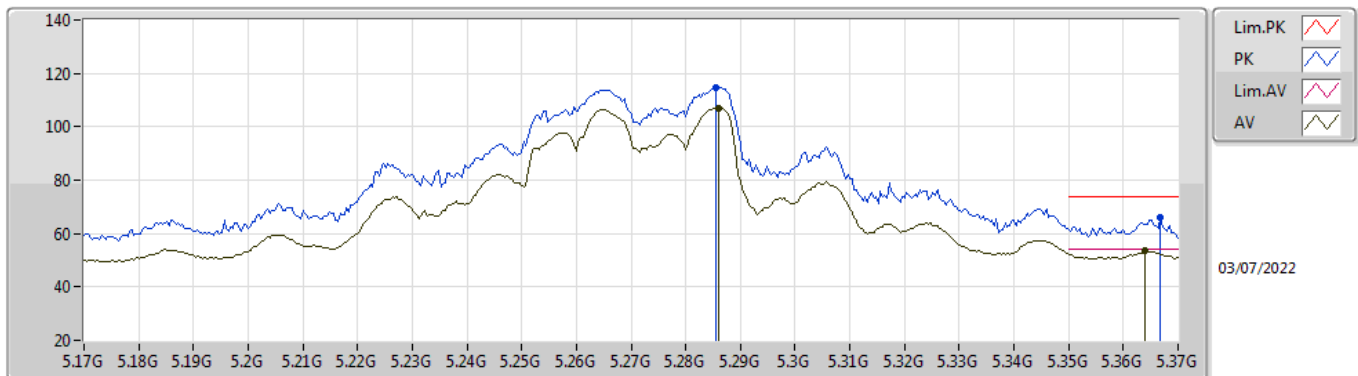
5270MHz_TX



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	5.282G	101.79	Inf	-Inf	5.20	3	Vertical	59	1.50	-	96.59	33.03	6.62	34.45
AV	5.362G	49.29	54.00	-4.71	5.19	3	Vertical	59	1.50	-	44.10	32.92	6.72	34.45
PK	5.282G	109.07	Inf	-Inf	5.20	3	Vertical	59	1.50	-	103.87	33.03	6.62	34.45
PK	5.3584G	60.31	74.00	-13.69	5.18	3	Vertical	59	1.50	-	55.13	32.92	6.71	34.45

802.11ac VHT40_Nss1,(MCS0)_4TX

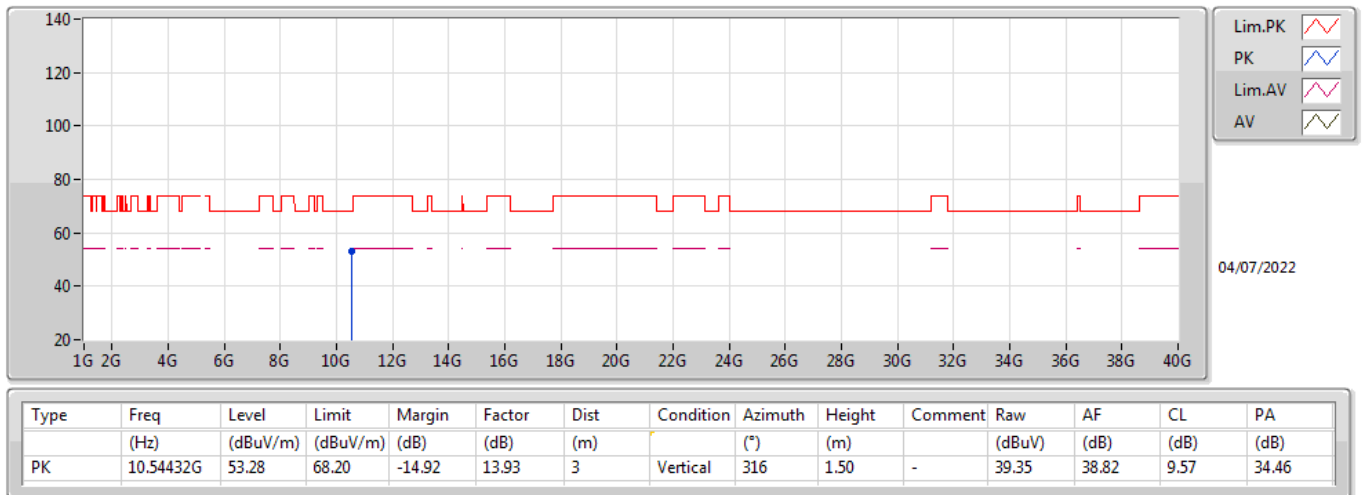
5270MHz_TX



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	5.286G	107.06	Inf	-Inf	5.22	3	Horizontal	294	1.65	-	101.84	33.04	6.63	34.45
AV	5.364G	53.43	54.00	-0.57	5.20	3	Horizontal	294	1.65	-	48.23	32.93	6.72	34.45
PK	5.2856G	114.58	Inf	-Inf	5.22	3	Horizontal	294	1.65	-	109.36	33.04	6.63	34.45
PK	5.368G	65.98	74.00	-8.02	5.20	3	Horizontal	294	1.65	-	60.78	32.93	6.72	34.45

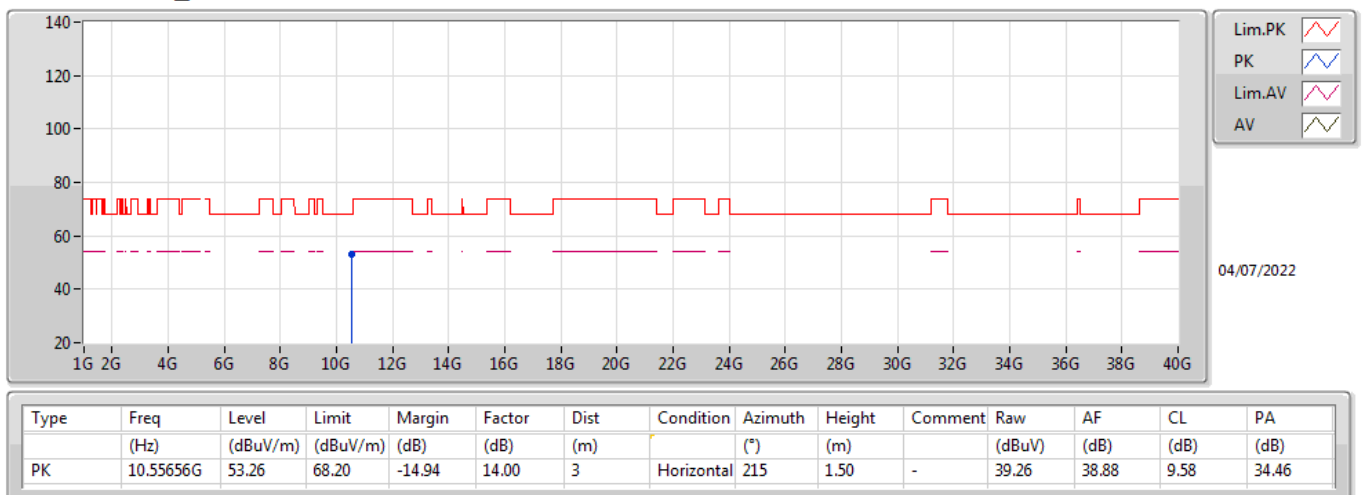
802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX



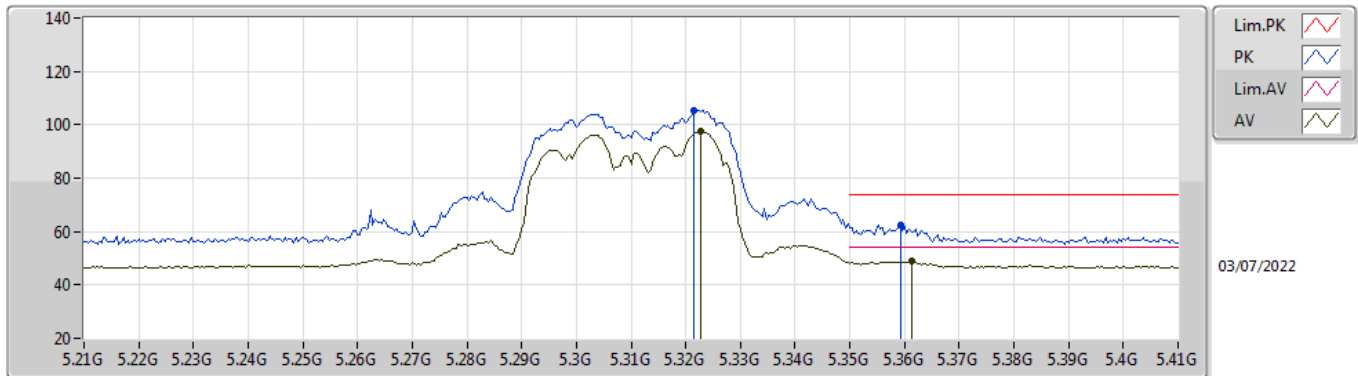
802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX



802.11ac VHT40_Nss1,(MCS0)_4TX

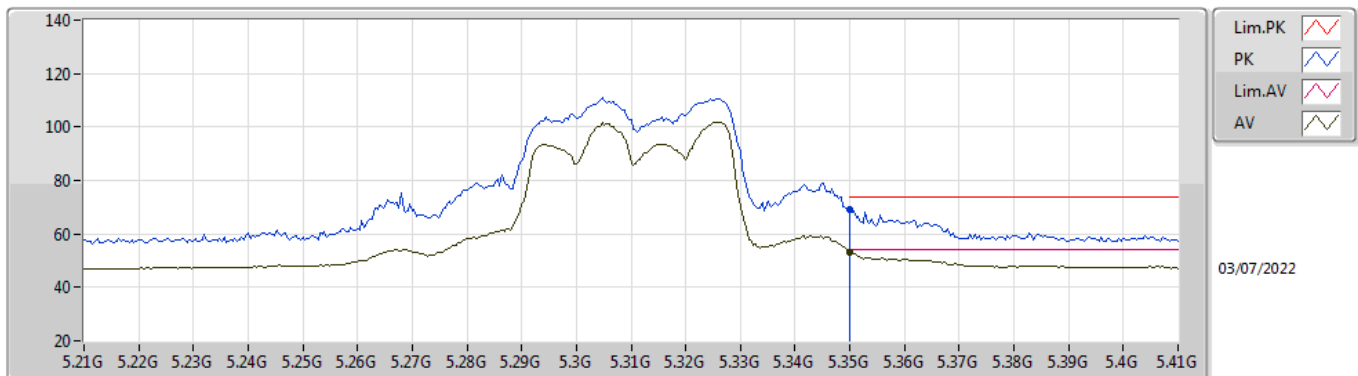
5310MHz_TX



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	5.3228G	97.57	Inf	-Inf	5.23	3	Vertical	62	1.51	-	92.34	33.01	6.67	34.45
AV	5.3612G	48.90	54.00	-5.10	5.19	3	Vertical	62	1.51	-	43.71	32.92	6.72	34.45
PK	5.3216G	105.32	Inf	-Inf	5.23	3	Vertical	62	1.51	-	100.09	33.01	6.67	34.45
PK	5.3592G	62.48	74.00	-11.52	5.18	3	Vertical	62	1.51	-	57.30	32.92	6.71	34.45

802.11ac VHT40_Nss1,(MCS0)_4TX

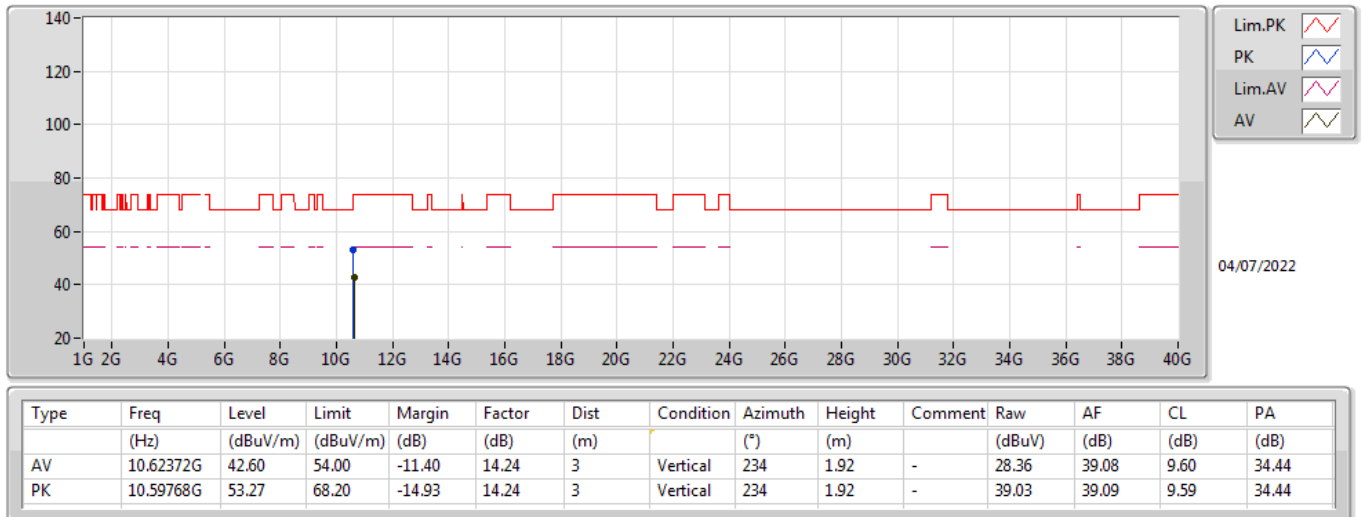
5310MHz_TX



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)
PK	5.35G	68.94	74.00	-5.06	5.15	3	Horizontal	290	0.00	-	63.79	32.90	6.70	34.45
AV	5.35G	53.10	54.00	-0.90	5.15	3	Horizontal	290	0.00	-	47.95	32.90	6.70	34.45

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX



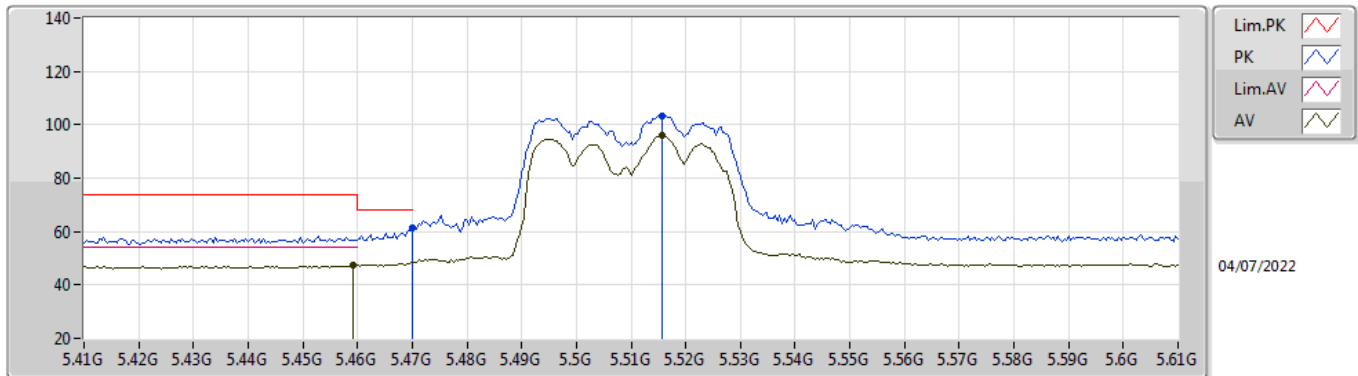
802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX



802.11ac VHT40_Nss1,(MCS0)_4TX

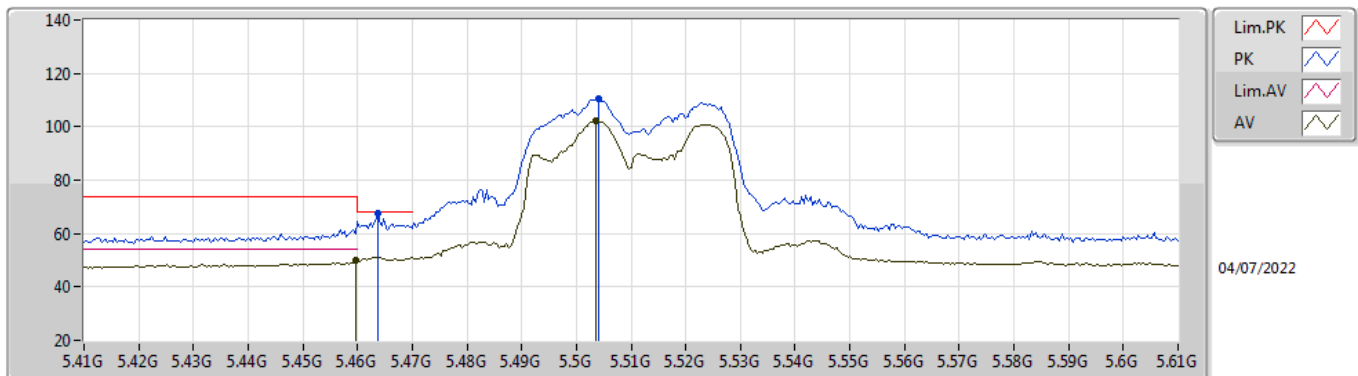
5510MHz_TX



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	5.4592G	47.17	54.00	-6.83	5.45	3	Vertical	134	2.82	-	41.72	33.12	6.79	34.46
AV	5.5156G	95.80	Inf	-Inf	5.50	3	Vertical	134	2.82	-	90.30	33.14	6.82	34.46
PK	5.47G	61.60	68.20	-6.60	5.47	3	Vertical	134	2.82	-	56.13	33.14	6.79	34.46
PK	5.5156G	103.44	Inf	-Inf	5.50	3	Vertical	134	2.82	-	97.94	33.14	6.82	34.46

802.11ac VHT40_Nss1,(MCS0)_4TX

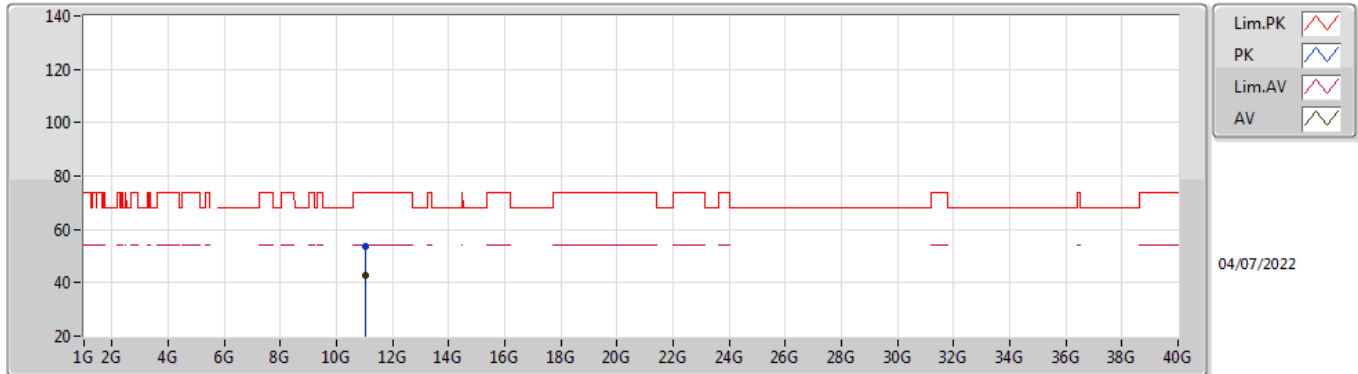
5510MHz_TX



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	49.75	54.00	-4.25	5.45	3	Horizontal	284	2.58	-	44.30	33.12	6.79	34.46
AV	5.5036G	102.50	Inf	-Inf	5.54	3	Horizontal	284	2.58	-	96.96	33.19	6.81	34.46
PK	5.4636G	67.84	68.20	-0.36	5.46	3	Horizontal	284	2.58	-	62.38	33.13	6.79	34.46
PK	5.504G	110.35	Inf	-Inf	5.53	3	Horizontal	284	2.58	-	104.82	33.18	6.81	34.46

802.11ac VHT40_Nss1,(MCS0)_4TX

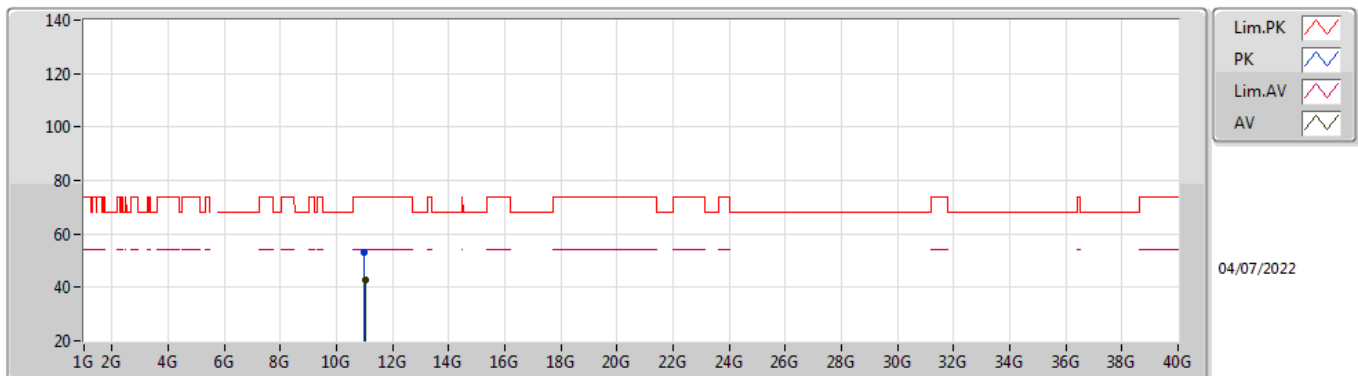
5510MHz_TX



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	11.03952G	42.65	54.00	-11.35	14.32	3	Vertical	344	1.78	-	28.33	38.84	9.75	34.27
PK	11.036G	53.65	74.00	-20.35	14.32	3	Vertical	344	1.78	-	39.33	38.84	9.75	34.27

802.11ac VHT40_Nss1,(MCS0)_4TX

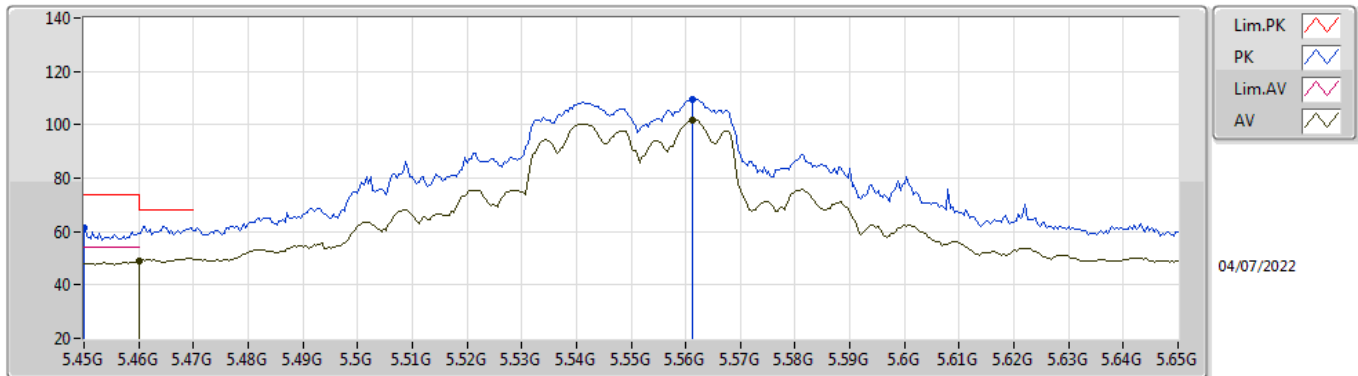
5510MHz_TX



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	11.01536G	42.68	54.00	-11.32	14.27	3	Horizontal	113	2.63	-	28.41	38.82	9.74	34.29
PK	11.00464G	53.29	74.00	-20.71	14.24	3	Horizontal	113	2.63	-	39.05	38.80	9.74	34.30

802.11ac VHT40_Nss1,(MCS0)_4TX

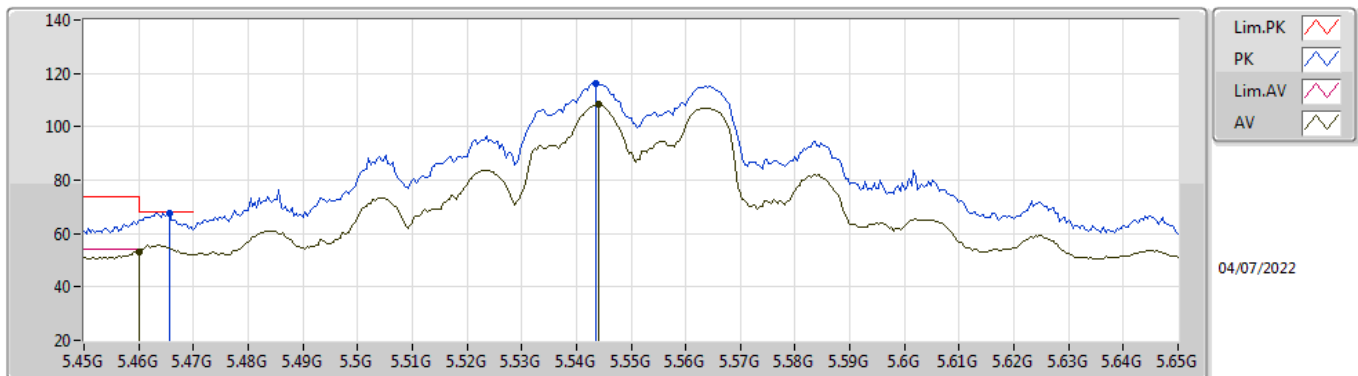
5550MHz_TX



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	49.11	54.00	-4.89	5.45	3	Vertical	71	1.53	-	43.66	33.12	6.79	34.46
AV	5.5612G	101.70	Inf	-Inf	5.41	3	Vertical	71	1.53	-	96.29	33.04	6.84	34.47
PK	5.45G	61.38	74.00	-12.62	5.43	3	Vertical	71	1.53	-	55.95	33.10	6.79	34.46
PK	5.5612G	109.57	Inf	-Inf	5.41	3	Vertical	71	1.53	-	104.16	33.04	6.84	34.47

802.11ac VHT40_Nss1,(MCS0)_4TX

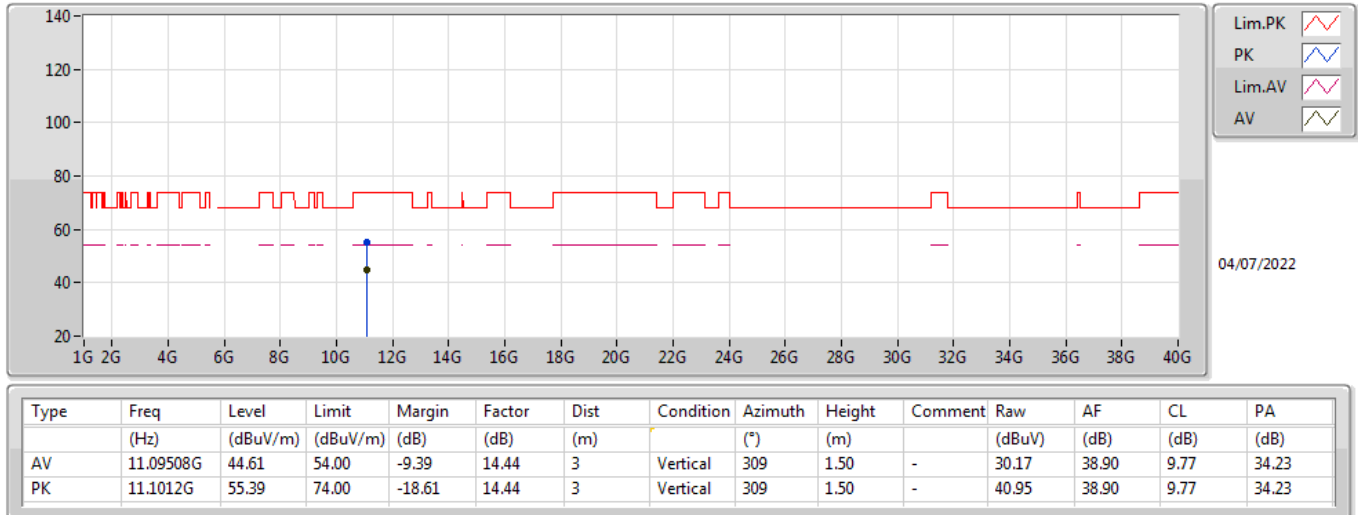
5550MHz_TX



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	53.27	54.00	-0.73	5.45	3	Horizontal	285	2.45	-	47.82	33.12	6.79	34.46
AV	5.544G	108.40	Inf	-Inf	5.38	3	Horizontal	285	2.45	-	103.02	33.02	6.83	34.47
PK	5.4656G	67.69	68.20	-0.51	5.46	3	Horizontal	285	2.45	-	62.23	33.13	6.79	34.46
PK	5.5436G	116.39	Inf	-Inf	5.39	3	Horizontal	285	2.45	-	111.00	33.03	6.83	34.47

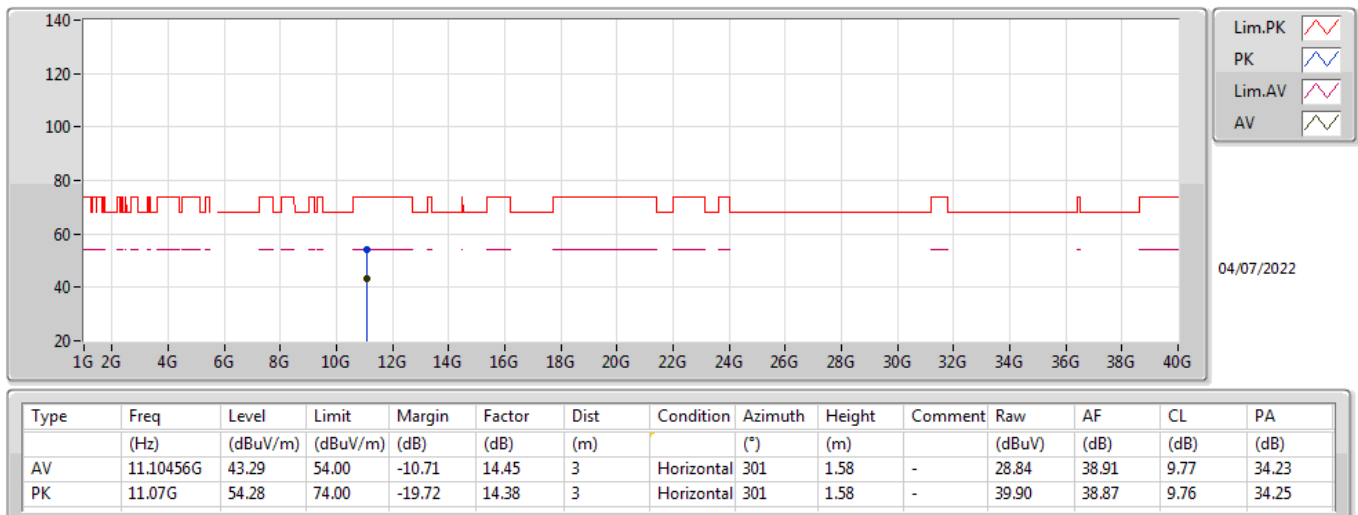
802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX



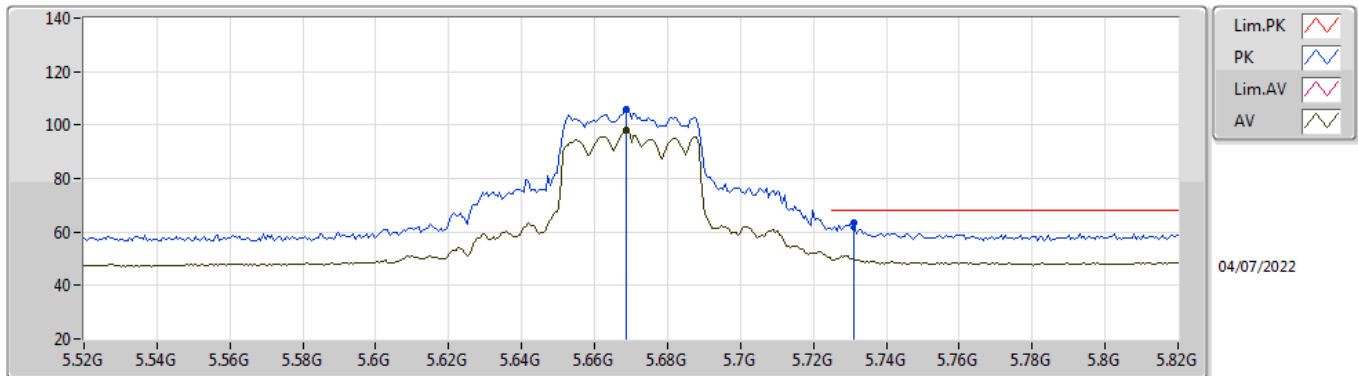
802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX



802.11ac VHT40_Nss1,(MCS0)_4TX

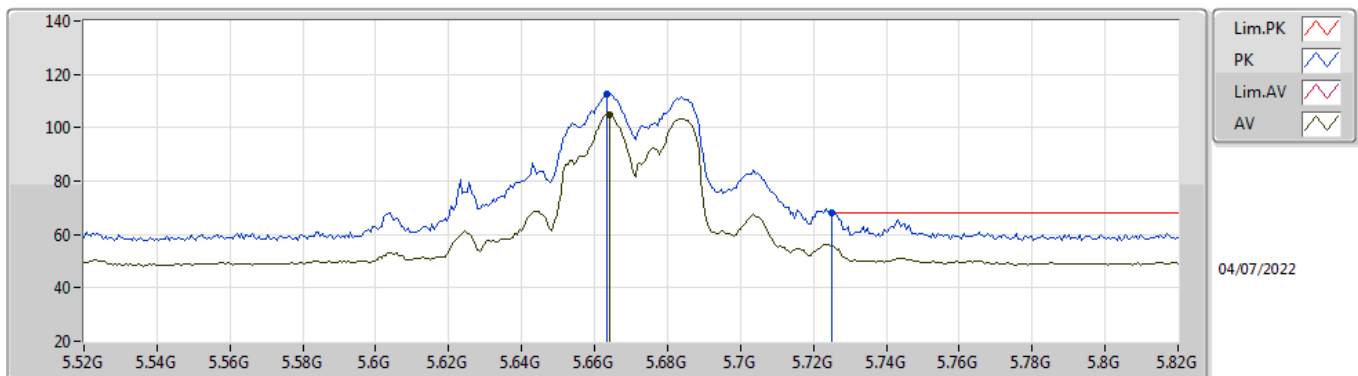
5670MHz_TX



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	5.6688G	98.15	Inf	-Inf	5.74	3	Vertical	316	1.49	-	92.41	33.34	6.88	34.48
PK	5.6688G	105.62	Inf	-Inf	5.74	3	Vertical	316	1.49	-	99.88	33.34	6.88	34.48
PK	5.7312G	63.33	68.20	-4.87	6.07	3	Vertical	316	1.49	-	57.26	33.65	6.91	34.49

802.11ac VHT40_Nss1,(MCS0)_4TX

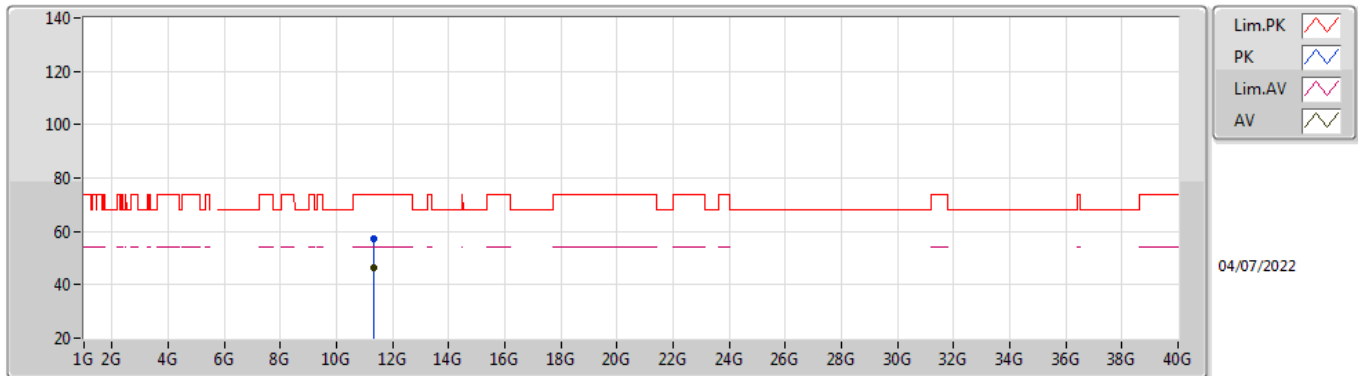
5670MHz_TX



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	5.664G	104.93	Inf	-Inf	5.73	3	Horizontal	283	2.47	-	99.20	33.33	6.88	34.48
PK	5.6634G	112.58	Inf	-Inf	5.73	3	Horizontal	283	2.47	-	106.85	33.33	6.88	34.48
PK	5.7252G	67.99	68.20	-0.21	6.01	3	Horizontal	283	2.47	-	61.98	33.60	6.90	34.49

802.11ac VHT40_Nss1,(MCS0)_4TX

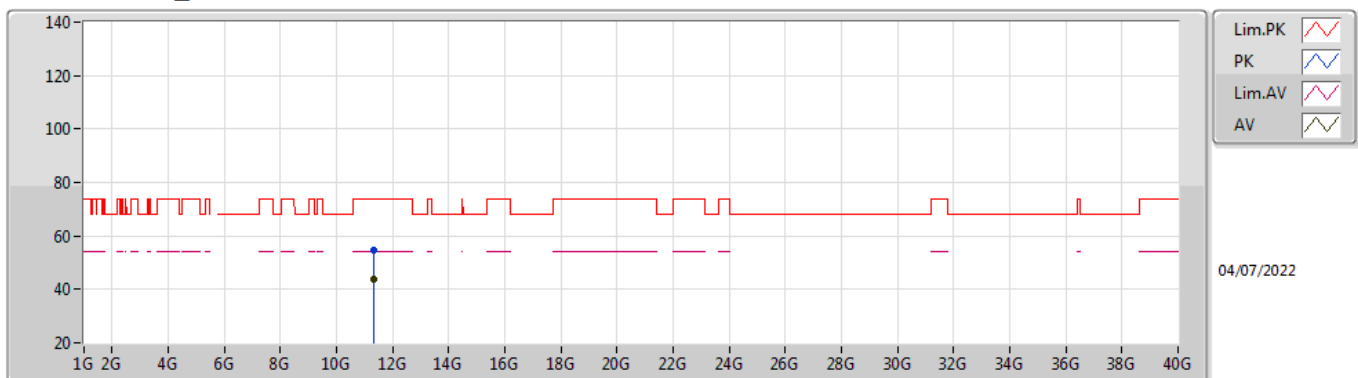
5670MHz_TX



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	11.33412G	46.47	54.00	-7.53	14.91	3	Vertical	232	1.54	-	31.56	39.13	9.85	34.07
PK	11.33352G	57.32	74.00	-16.68	14.91	3	Vertical	232	1.54	-	42.41	39.13	9.85	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

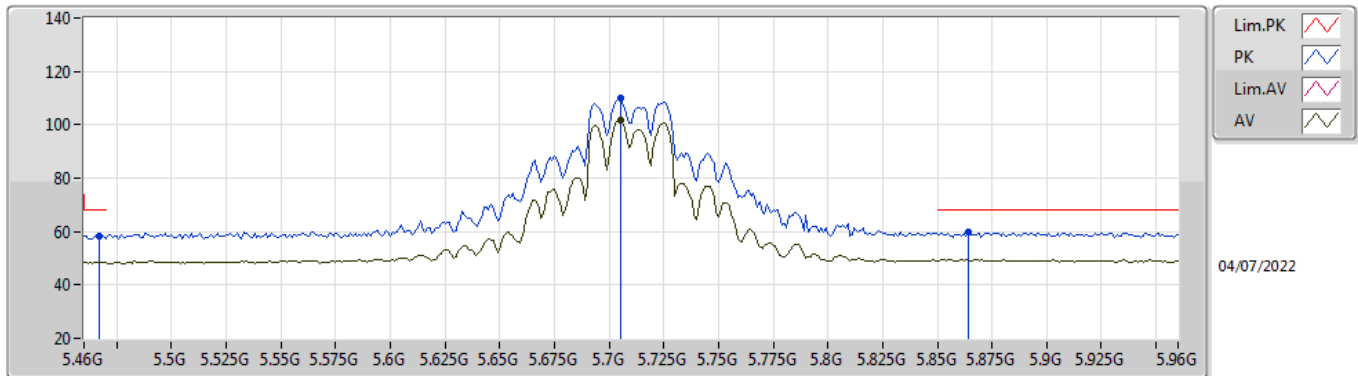
5670MHz_TX



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	11.33352G	43.87	54.00	-10.13	14.91	3	Horizontal	298	1.50	-	28.96	39.13	9.85	34.07
PK	11.346G	54.83	74.00	-19.17	14.91	3	Horizontal	298	1.50	-	39.92	39.11	9.86	34.06

802.11ac VHT40_Nss1,(MCS0)_4TX

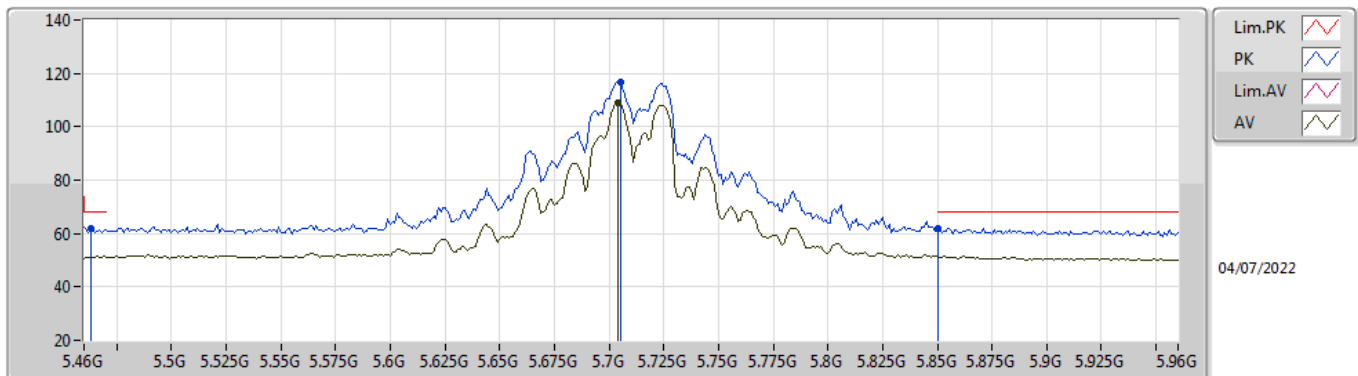
5710MHz Straddle 5.47-5.725GHz_TX



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	5.705G	101.95	Inf	-Inf	5.86	3	Vertical	130	1.49	-	96.09	33.44	6.90	34.48
PK	5.467G	58.31	68.20	-9.89	5.46	3	Vertical	130	1.49	-	52.85	33.13	6.79	34.46
PK	5.705G	109.95	Inf	-Inf	5.86	3	Vertical	130	1.49	-	104.09	33.44	6.90	34.48
PK	5.864G	59.79	68.20	-8.41	6.66	3	Vertical	130	1.49	-	53.13	34.17	6.99	34.50

802.11ac VHT40_Nss1,(MCS0)_4TX

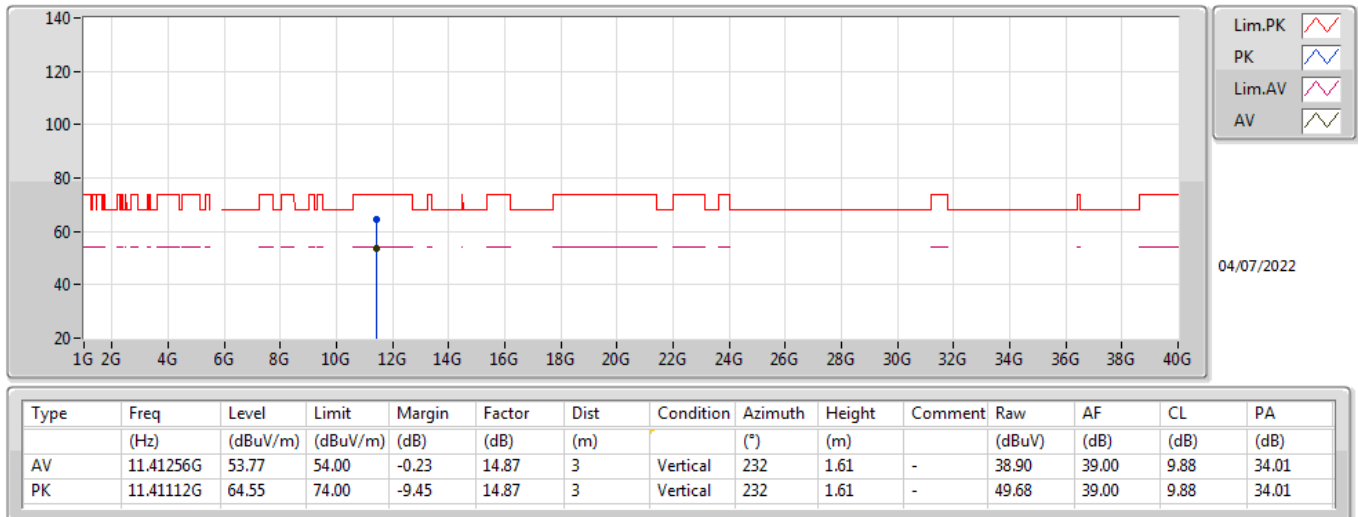
5710MHz Straddle 5.47-5.725GHz_TX



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	5.704G	109.14	Inf	-Inf	5.85	3	Horizontal	283	2.37	-	103.29	33.43	6.90	34.48
PK	5.463G	61.79	68.20	-6.41	5.46	3	Horizontal	283	2.37	-	56.33	33.13	6.79	34.46
PK	5.705G	116.83	Inf	-Inf	5.86	3	Horizontal	283	2.37	-	110.97	33.44	6.90	34.48
PK	5.85G	62.04	68.20	-6.16	6.67	3	Horizontal	283	2.37	-	55.37	34.20	6.97	34.50

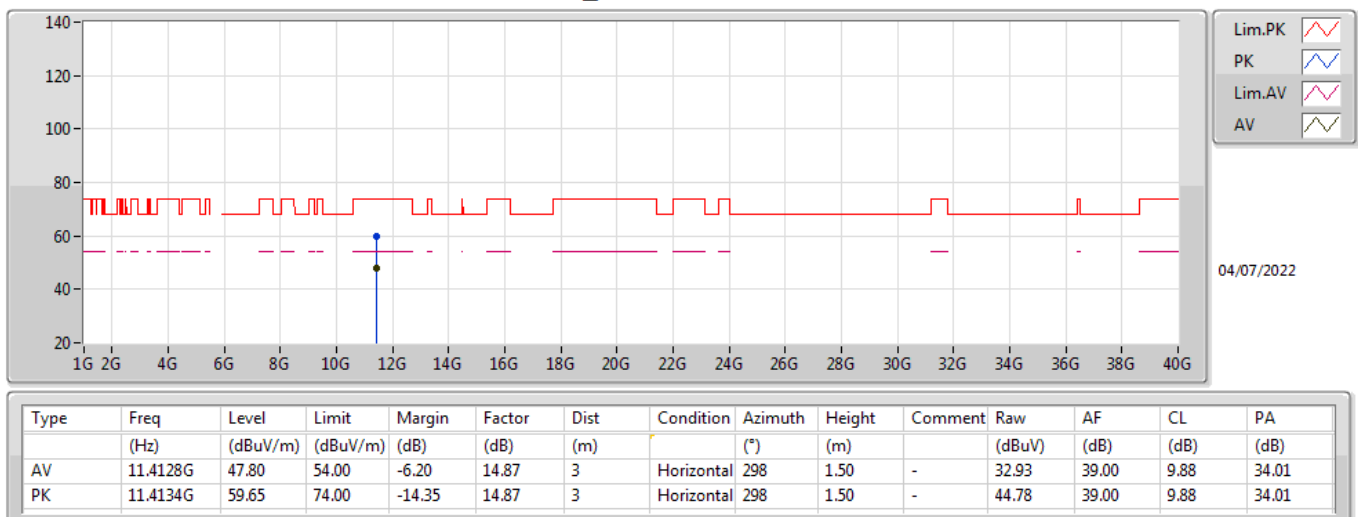
802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX



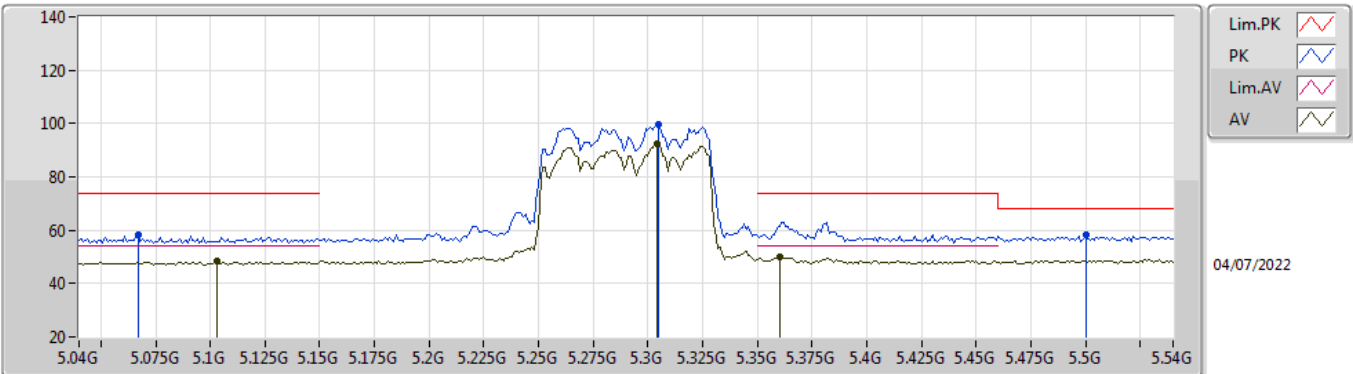
802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX



802.11ac VHT80_Nss1,(MCS0)_4TX

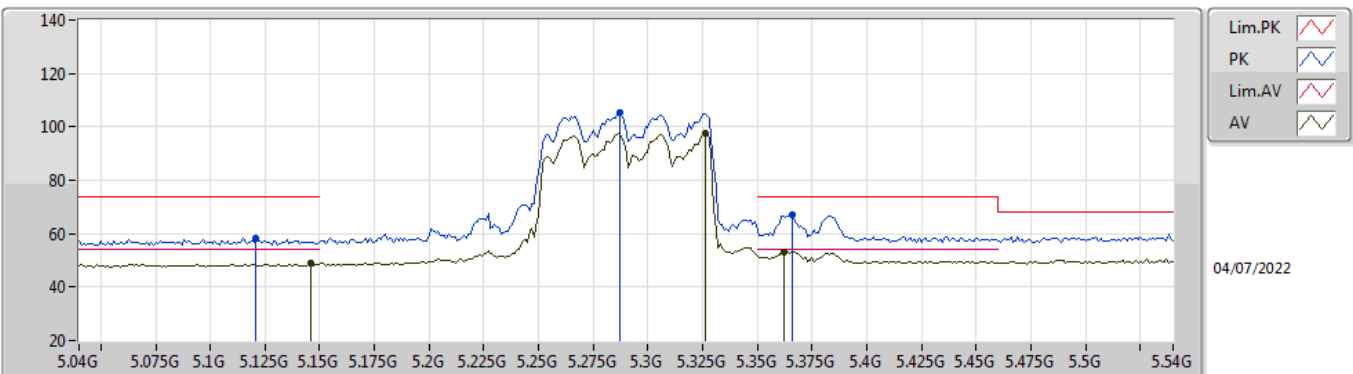
5290MHz_TX



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	5.103G	48.24	54.00	-5.76	5.21	3	Vertical	67	1.62	-	43.03	33.19	6.46	34.44
AV	5.304G	92.17	Inf	-Inf	5.28	3	Vertical	67	1.62	-	86.89	33.08	6.65	34.45
AV	5.36G	49.88	54.00	-4.12	5.18	3	Vertical	67	1.62	-	44.70	32.92	6.71	34.45
PK	5.067G	58.06	74.00	-15.94	5.07	3	Vertical	67	1.62	-	52.99	33.07	6.43	34.43
PK	5.305G	99.44	Inf	-Inf	5.28	3	Vertical	67	1.62	-	94.16	33.08	6.65	34.45
PK	5.5G	58.18	68.20	-10.02	5.55	3	Vertical	67	1.62	-	52.63	33.20	6.81	34.46

802.11ac VHT80_Nss1,(MCS0)_4TX

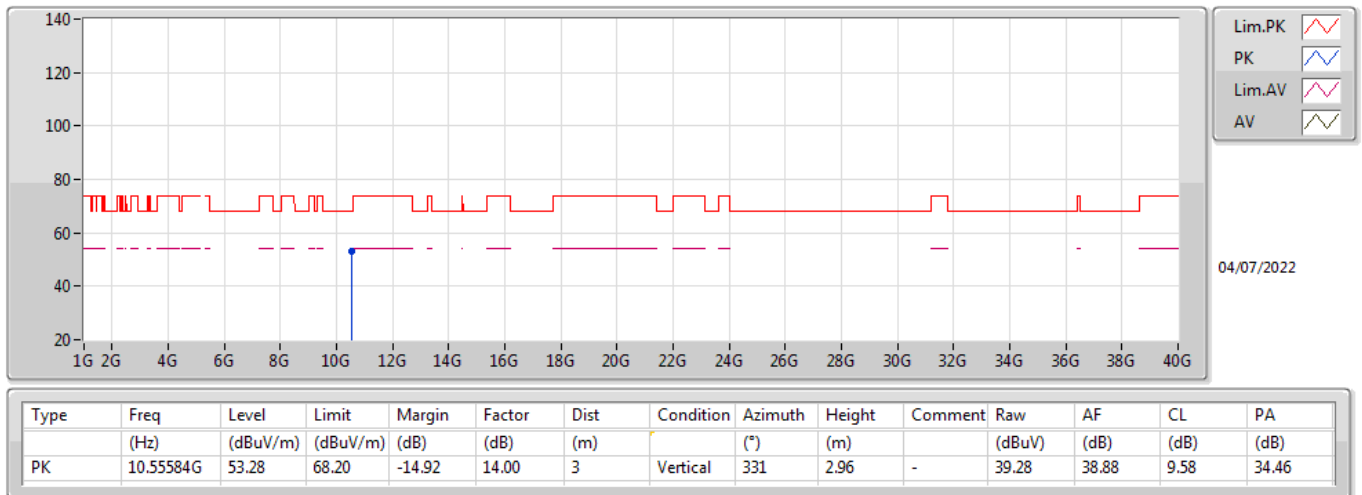
5290MHz_TX



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	5.146G	48.74	54.00	-5.26	5.16	3	Horizontal	290	1.65	-	43.58	33.11	6.49	34.44
AV	5.326G	97.70	Inf	-Inf	5.22	3	Horizontal	290	1.65	-	92.48	33.00	6.67	34.45
AV	5.362G	53.34	54.00	-0.66	5.19	3	Horizontal	290	1.65	-	48.15	32.92	6.72	34.45
PK	5.121G	58.44	74.00	-15.56	5.19	3	Horizontal	290	1.65	-	53.25	33.16	6.47	34.44
PK	5.287G	105.11	Inf	-Inf	5.23	3	Horizontal	290	1.65	-	99.88	33.05	6.63	34.45
PK	5.366G	67.00	74.00	-7.00	5.20	3	Horizontal	290	1.65	-	61.80	32.93	6.72	34.45

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX



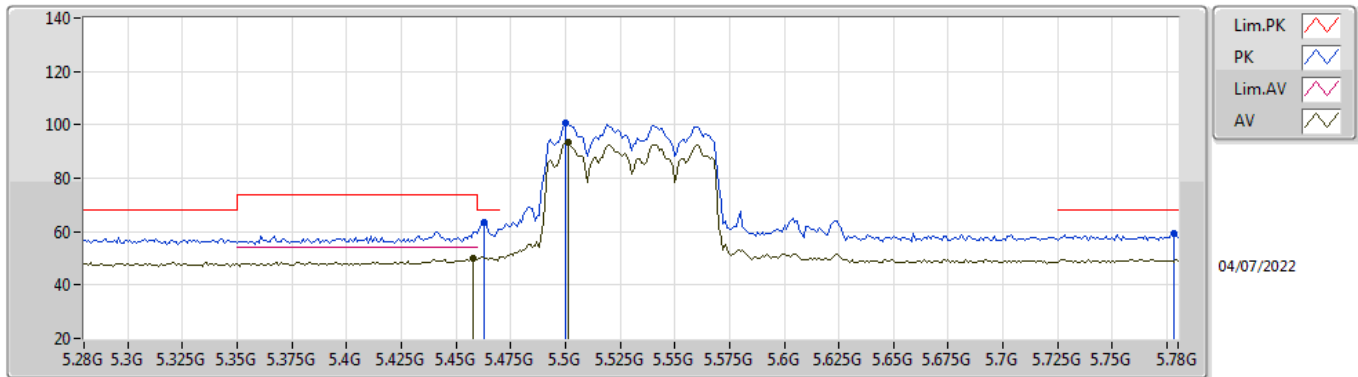
802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX



802.11ac VHT80_Nss1,(MCS0)_4TX

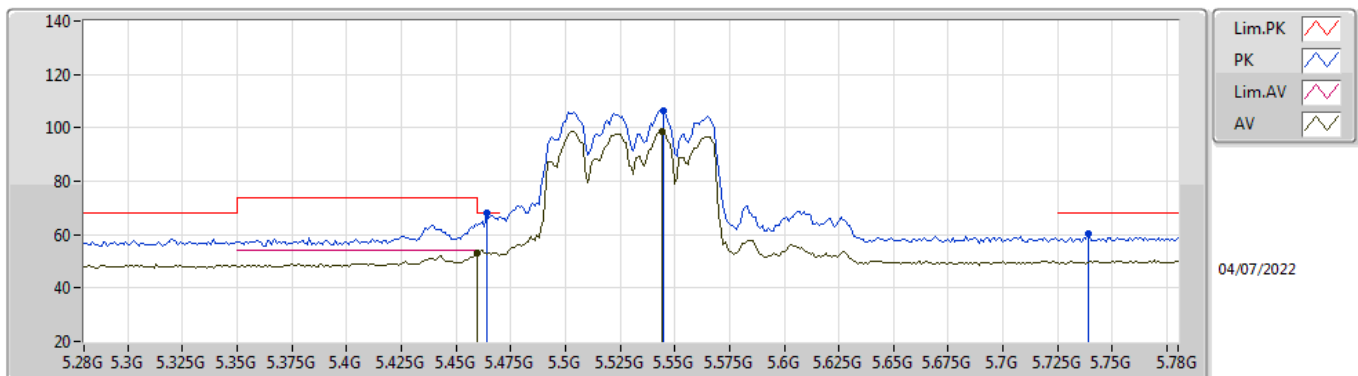
5530MHz_TX



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	5.458G	50.11	54.00	-3.89	5.45	3	Vertical	67	1.47	-	44.66	33.12	6.79	34.46
AV	5.501G	93.42	Inf	-Inf	5.55	3	Vertical	67	1.47	-	87.87	33.20	6.81	34.46
PK	5.463G	63.30	68.20	-4.90	5.46	3	Vertical	67	1.47	-	57.84	33.13	6.79	34.46
PK	5.5G	100.64	Inf	-Inf	5.55	3	Vertical	67	1.47	-	95.09	33.20	6.81	34.46
PK	5.778G	59.19	68.20	-9.01	6.29	3	Vertical	67	1.47	-	52.90	33.86	6.92	34.49

802.11ac VHT80_Nss1,(MCS0)_4TX

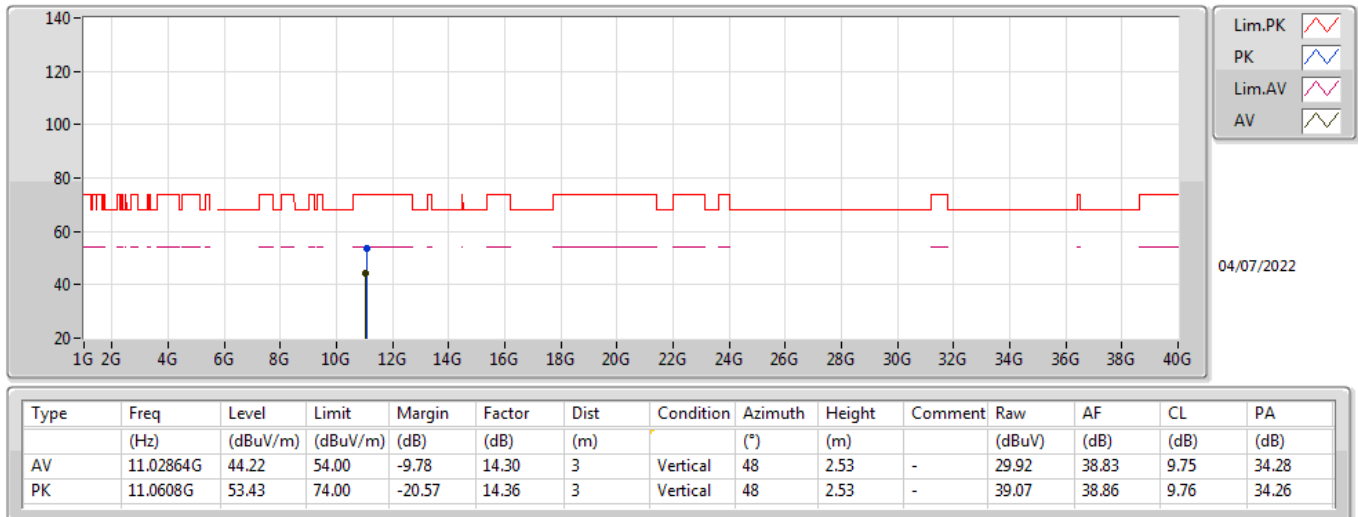
5530MHz_TX



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	53.36	54.00	-0.64	5.45	3	Horizontal	286	2.45	-	47.91	33.12	6.79	34.46
AV	5.544G	98.87	Inf	-Inf	5.38	3	Horizontal	286	2.45	-	93.49	33.02	6.83	34.47
PK	5.464G	67.85	68.20	-0.35	5.46	3	Horizontal	286	2.45	-	62.39	33.13	6.79	34.46
PK	5.545G	106.52	Inf	-Inf	5.38	3	Horizontal	286	2.45	-	101.14	33.02	6.83	34.47
PK	5.739G	60.59	68.20	-7.61	6.13	3	Horizontal	286	2.45	-	54.46	33.71	6.91	34.49

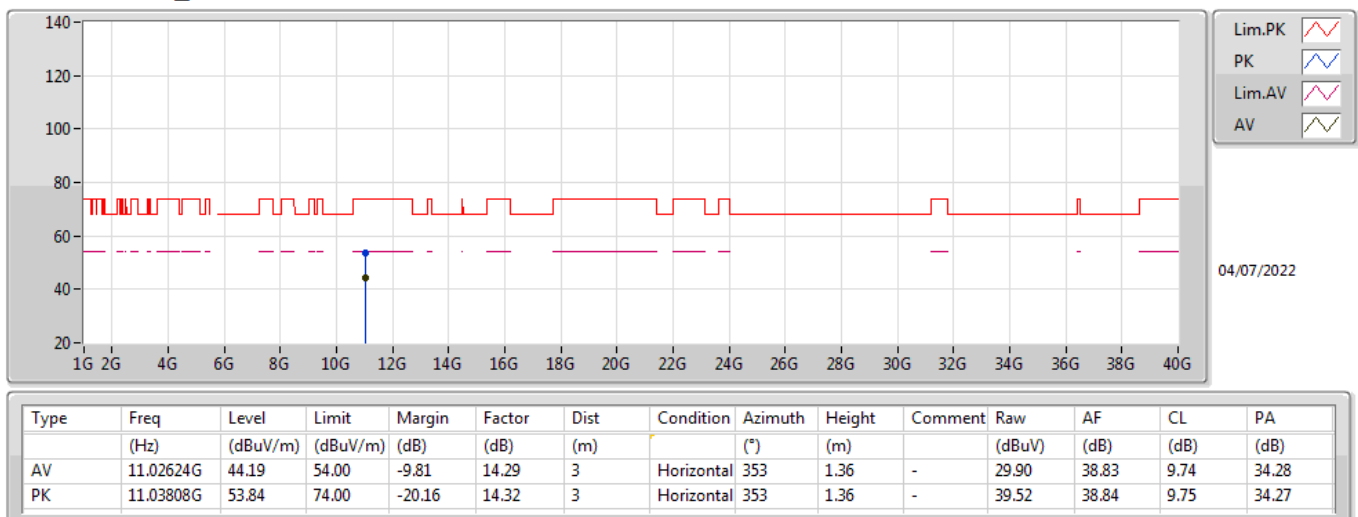
802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX



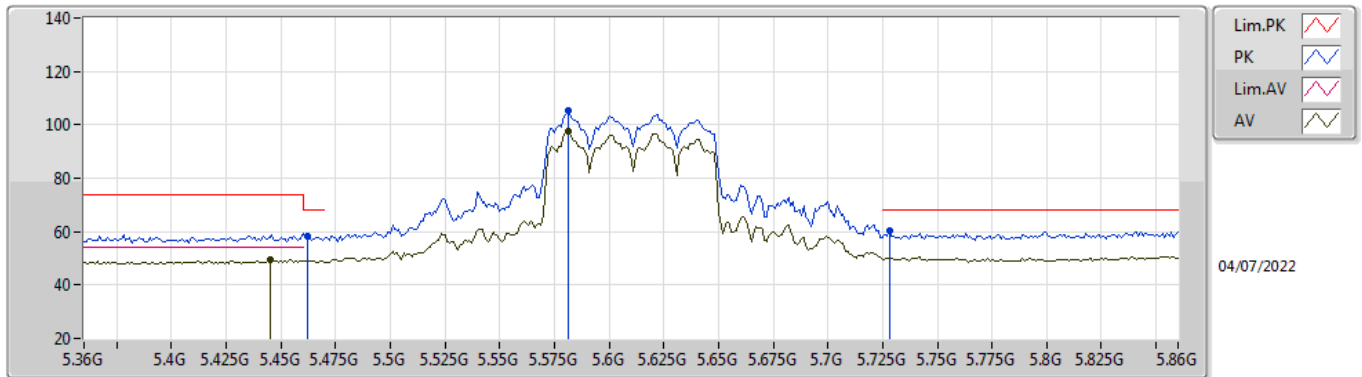
802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX



802.11ac VHT80_Nss1,(MCS0)_4TX

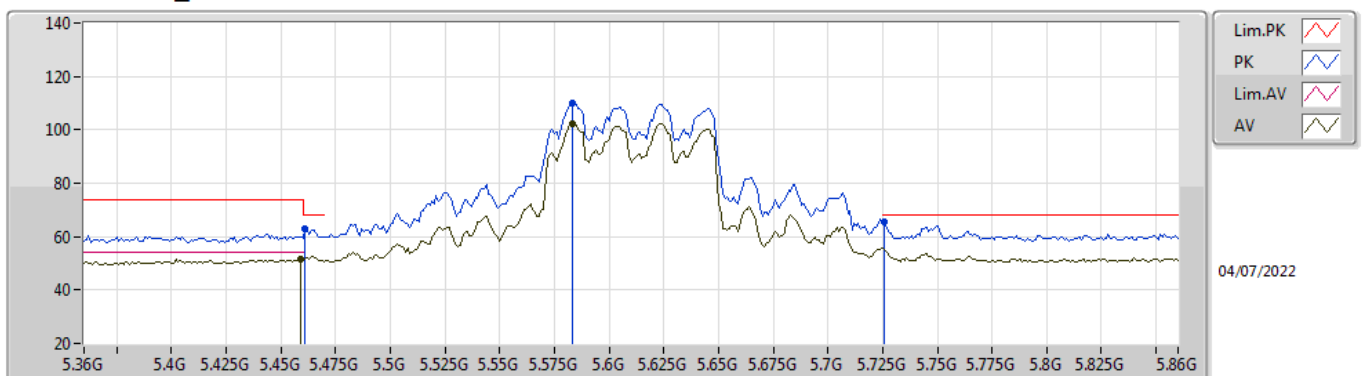
5610MHz_TX



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	5.445G	49.53	54.00	-4.47	5.41	3	Vertical	69	1.64	-	44.12	33.09	6.78	34.46
AV	5.581G	97.43	Inf	-Inf	5.50	3	Vertical	69	1.64	-	91.93	33.12	6.85	34.47
PK	5.462G	58.45	68.20	-9.75	5.45	3	Vertical	69	1.64	-	53.00	33.12	6.79	34.46
PK	5.581G	105.09	Inf	-Inf	5.50	3	Vertical	69	1.64	-	99.59	33.12	6.85	34.47
PK	5.728G	60.31	68.20	-7.89	6.03	3	Vertical	69	1.64	-	54.28	33.62	6.90	34.49

802.11ac VHT80_Nss1,(MCS0)_4TX

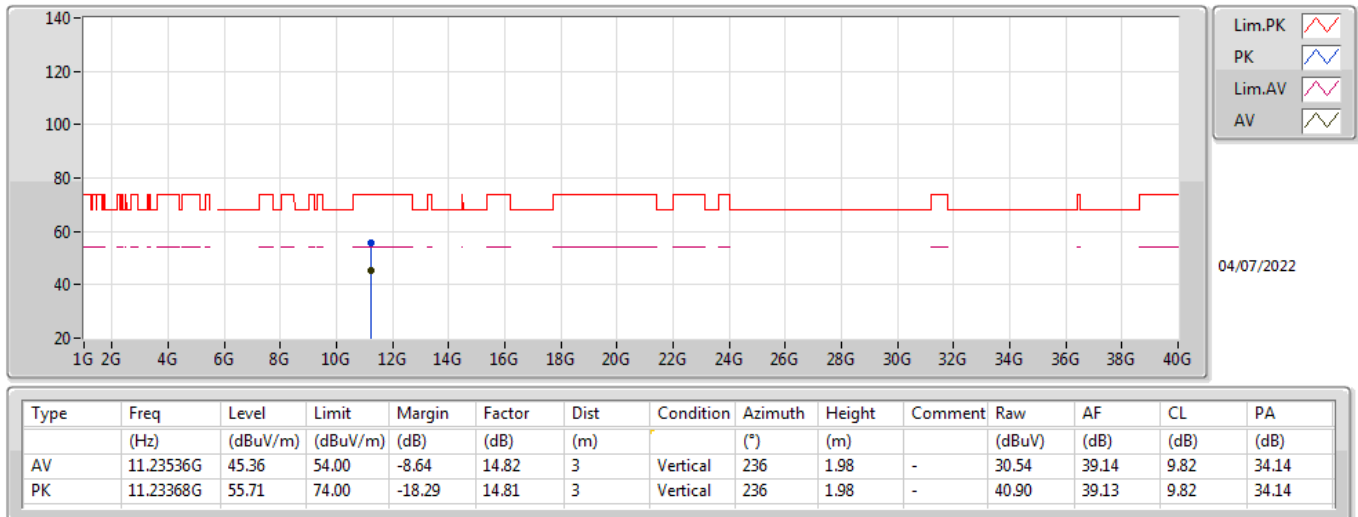
5610MHz_TX



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	51.44	54.00	-2.56	5.45	3	Horizontal	284	2.16	-	45.99	33.12	6.79	34.46
AV	5.583G	102.38	Inf	-Inf	5.51	3	Horizontal	284	2.16	-	96.87	33.13	6.85	34.47
PK	5.461G	62.82	68.20	-5.38	5.45	3	Horizontal	284	2.16	-	57.37	33.12	6.79	34.46
PK	5.583G	110.13	Inf	-Inf	5.51	3	Horizontal	284	2.16	-	104.62	33.13	6.85	34.47
PK	5.726G	65.42	68.20	-2.78	6.02	3	Horizontal	284	2.16	-	59.40	33.61	6.90	34.49

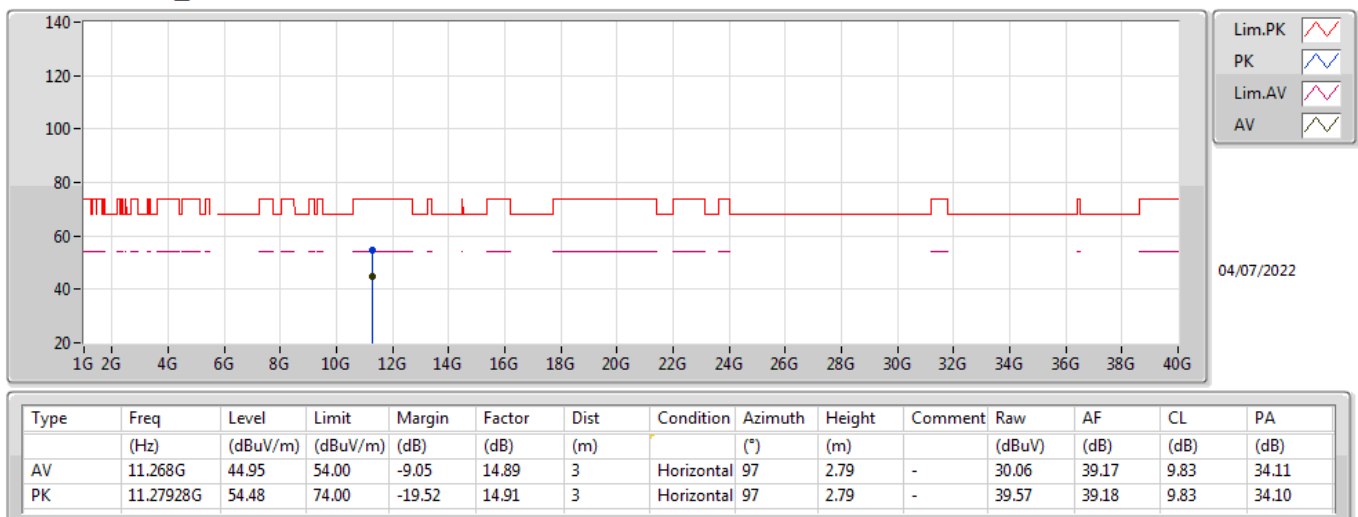
802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX



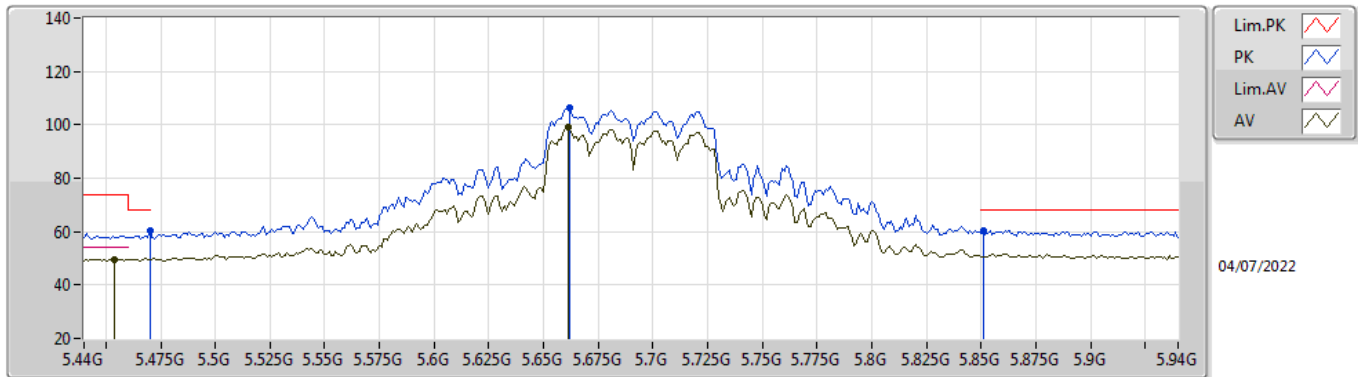
802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX



802.11ac VHT80_Nss1,(MCS0)_4TX

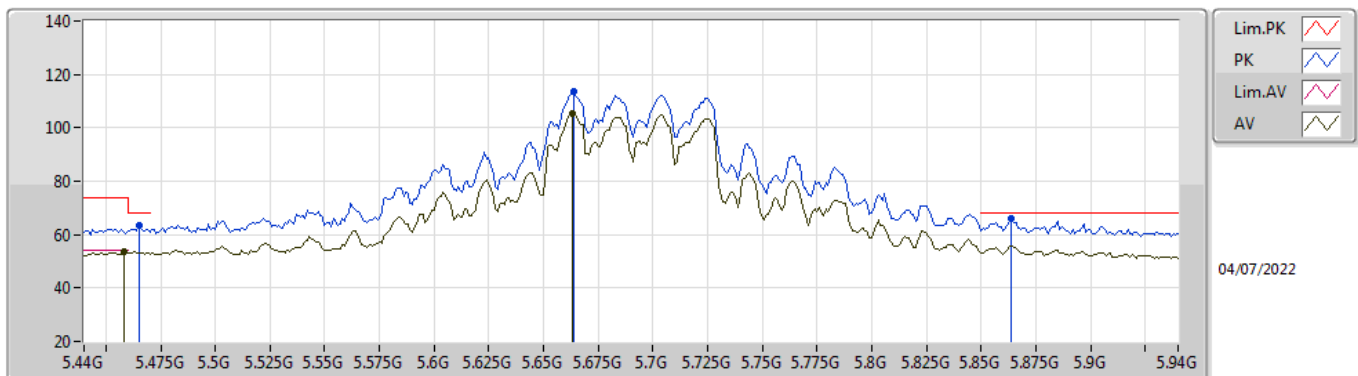
5690MHz Straddle 5.47-5.725GHz_TX



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	5.454G	49.72	54.00	-4.28	5.44	3	Vertical	73	1.50	-	44.28	33.11	6.79	34.46
AV	5.661G	99.00	Inf	-Inf	5.72	3	Vertical	73	1.50	-	93.28	33.32	6.88	34.48
PK	5.47G	60.11	68.20	-8.09	5.47	3	Vertical	73	1.50	-	54.64	33.14	6.79	34.46
PK	5.662G	106.23	Inf	-Inf	5.72	3	Vertical	73	1.50	-	100.51	33.32	6.88	34.48
PK	5.851G	60.54	68.20	-7.66	6.68	3	Vertical	73	1.50	-	53.86	34.20	6.98	34.50

802.11ac VHT80_Nss1,(MCS0)_4TX

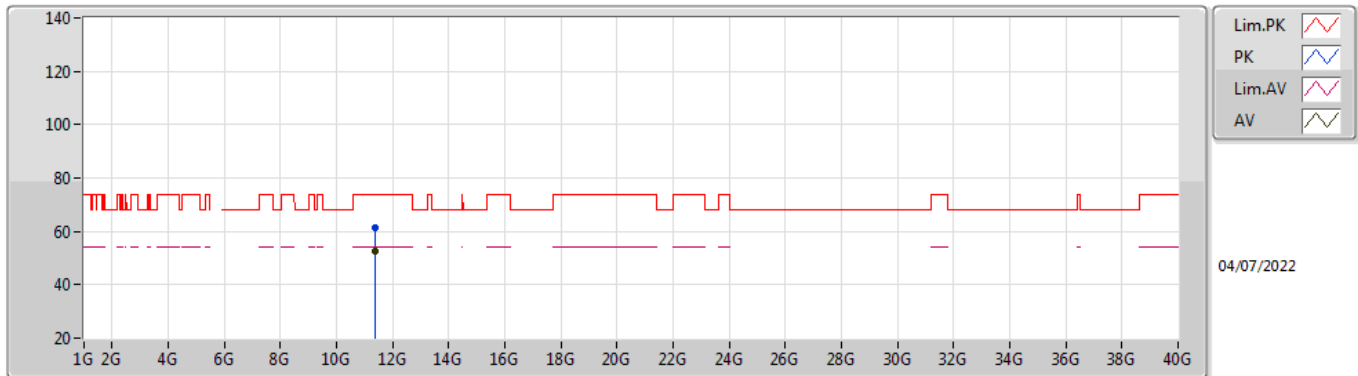
5690MHz Straddle 5.47-5.725GHz_TX



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	5.458G	53.67	54.00	-0.33	5.45	3	Horizontal	283	2.22	-	48.22	33.12	6.79	34.46
AV	5.663G	105.42	Inf	-Inf	5.73	3	Horizontal	283	2.22	-	99.69	33.33	6.88	34.48
PK	5.465G	63.21	68.20	-4.99	5.46	3	Horizontal	283	2.22	-	57.75	33.13	6.79	34.46
PK	5.664G	113.51	Inf	-Inf	5.73	3	Horizontal	283	2.22	-	107.78	33.33	6.88	34.48
PK	5.864G	65.95	68.20	-2.25	6.66	3	Horizontal	283	2.22	-	59.29	34.17	6.99	34.50

802.11ac VHT80_Nss1,(MCS0)_4TX

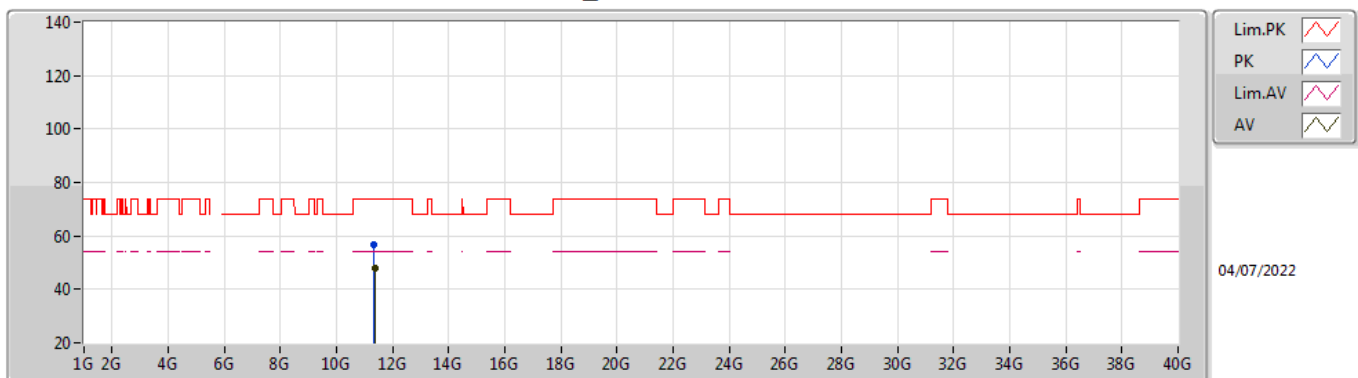
5690MHz Straddle 5.47-5.725GHz_TX



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	11.37256G	52.65	54.00	-1.35	14.88	3	Vertical	231	1.62	-	37.77	39.05	9.87	34.04
PK	11.39296G	61.51	74.00	-12.49	14.86	3	Vertical	231	1.62	-	46.65	39.01	9.87	34.02

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX



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	11.37232G	47.79	54.00	-6.21	14.89	3	Horizontal	300	1.42	-	32.90	39.06	9.87	34.04
PK	11.34424G	56.64	74.00	-17.36	14.91	3	Horizontal	300	1.42	-	41.73	39.11	9.86	34.06