Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	RAXKVD21
Equipment	:	5G Gateway
Brand Name	:	T-Mobile
Model Name	:	KVD21
Applicant	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Manufacturer	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Sep. 02, 2021, and testing was started from Oct. 05, 2021 and completed on Oct. 20, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR190215-02	01	Initial issue of report	Nov. 04, 2021

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 Output Power	PASS	-
3.3	15.407(a)	Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Jessie Wei

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1	1	-	Maglayers	PCA-2510-25GC6-A1	Dipole	I-PEX	Note1
2	2	2	-	Maglayers	PCA-2510-25GC6-A2	Dipole	I-PEX	
3	3	3	-	Maglayers	PCA-2510-25GC6-A3	Dipole	I-PEX	
4	4	4	-	Maglayers	PCA-2510-25GC6-A4	Dipole	I-PEX	
5	-	-	1	Maglayers	PCA-2510-2G4C6-A1	Dipole	I-PEX	

Note 1:

Ant.	Port			Antenna Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	Bluetooth
1	1	1	-	0.92	2.86	2.91	2.39	1.9	-
2	2	2	-	3.78	3.48	4.07	4.84	5.09	-
3	3	3	-	4.13	3.52	3.1	2.85	2.93	-
4	4	4	-	3.61	1.42	2.74	3.1	2.58	-
5	-	-	1	-	-	-	-	-	4.39

Note 2: The above information was declared by manufacturer.

For WLAN 2.4GHz:

For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For WLAN 5GHz:

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

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Bluetooth (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.812	0.9	1.058m	1k
802.11ax HEW20	0.826	0.83	947.5u	3k
802.11ax HEW20-BF	0.826	0.83	947.5u	3k
802.11ax HEW40	0.824	0.84	938.75u	3k
802.11ax HEW40-BF	0.819	0.87	938.125u	3k
802.11ax HEW80	0.82	0.86	940u	3k
802.11ax HEW80-BF	0.833	0.79	938.125u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QATool.Dbg_0.0.2.29			

Note: The above information was declared by manufacturer.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR190215AB

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

Modifications	Performance Checking
Adding UNII-2A and UNII-2C bands (5250~5350 MHz, 5470~5725 MHz) for this device	1. Emission Bandwidth 2. Maximum Output Power 3. Power Spectral Density 4. Unwanted Emissions above 1GHz

1.2 Applicable 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
- FCC KDB 789033 D02 v02r01

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Jay Lo	23.1~24.6 / 55~57	Oct. 09, 2021~ Oct. 20, 2021
Radiated	03CH02-CB	Kevin Huang	24.2~26.1 / 55~58	Oct. 05, 2021~ Oct. 15, 2021

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
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<For Non-beamforming mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	10
5300MHz	9.5
5320MHz	10
5500MHz	8.5
5580MHz	9
5700MHz	9
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	10.5
5300MHz	10
5320MHz	10
5500MHz	9
5580MHz	9.5
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	10
5720MHz Straddle 5.725-5.85GHz	10
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	11
5310MHz	11
5510MHz	11.5
5550MHz	11.5
5670MHz	12
5710MHz Straddle 5.47-5.725GHz	13
5710MHz Straddle 5.725-5.85GHz	13
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	11.5
5530MHz	11.5
5610MHz	12
5690MHz Straddle 5.47-5.725GHz	13
5690MHz Straddle 5.725-5.85GHz	13

<For Beamforming mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	10.5
5300MHz	10
5320MHz	10
5500MHz	9
5580MHz	9.5
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	10
5720MHz Straddle 5.725-5.85GHz	10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	10
5310MHz	10
5510MHz	9.5
5550MHz	9
5670MHz	10
5710MHz Straddle 5.47-5.725GHz	10
5710MHz Straddle 5.725-5.85GHz	10
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	10.5
5530MHz	9.5
5610MHz	10
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10

Note1: Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
Note2: The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power 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
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis – WLAN 5GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth + WWAN
Refer to Sporton Test Report No.: FA190215-02 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	LUCENT TRANS	1A78	INPUT: 100-240V~1.2A, 50/60Hz OUTPUT: 5.0V, 3.0A, 15.0W 9.0V, 3.0A, 27.0W 15.0V, 3.0A, 45.0W

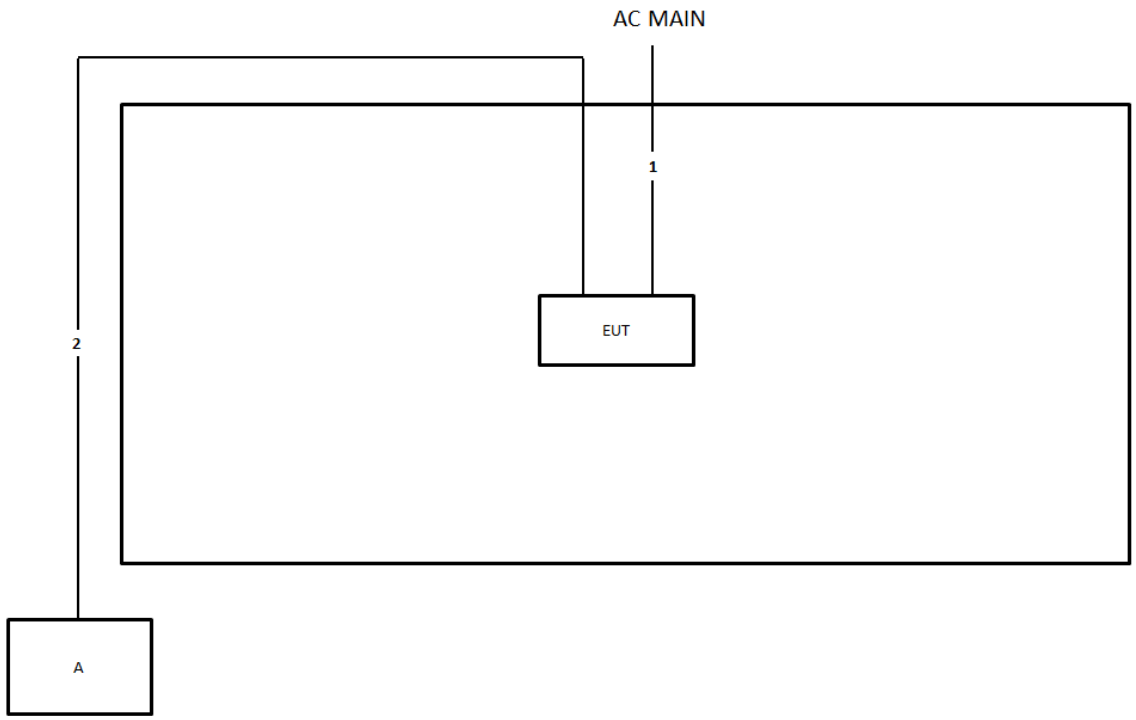
2.5 Support Equipment

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	Yes	1.9m
2	RJ-45 cable	No	10m

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, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
☐	For the 5.85-5.895 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 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 FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.1.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer — EUT

3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Output Power

3.2.1 Limit

Maximum 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.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	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

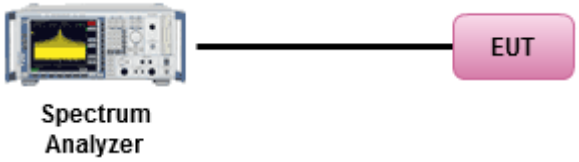
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

For Straddle channel Mode:

RF Output Power (Spectrum Analyzer)


For Other Mode:

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 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.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	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.

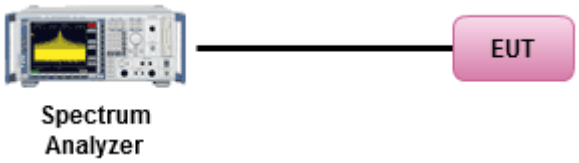
3.3.2 Measuring Instruments

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 FCC 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% or external video / power trigger]	
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC 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:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
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

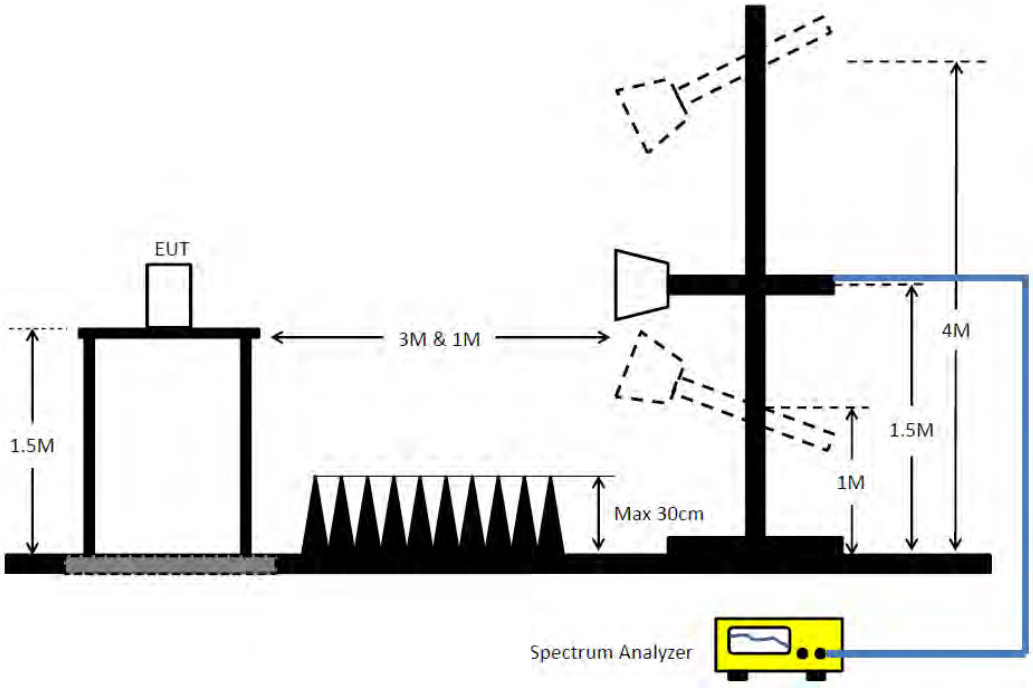
Refer a test equipment and calibration data table in this test report.

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 ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	
		☐ Refer as 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.			

3.4.4 Test Setup

Above 1GHz



3.4.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

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	20.07M	16.612M	16M6D1D	19.74M	16.402M
802.11ax HEW20_Nss1,(MCS0)_4TX	29.58M	18.951M	19M0D1D	21.57M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.66M	37.661M	37M7D1D	39.48M	37.541M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.28M	76.762M	76M8D1D	80.04M	76.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.1M	16.582M	16M6D1D	14.82M	13.208M
802.11ax HEW20_Nss1,(MCS0)_4TX	29.1M	18.981M	19M0D1D	15.645M	14.423M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.72M	37.721M	37M7D1D	34.79M	33.583M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.28M	76.882M	76M9D1D	75.075M	72.714M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.14M	3.858M	3M86D1D	3.12M	3.758M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.44M	4.758M	4M76D1D	4.42M	4.718M
802.11ax HEW40_Nss1,(MCS0)_4TX	4M	4.238M	4M24D1D	3.92M	4.158M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.98M	4.198M	4M20D1D	3.86M	4.138M

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

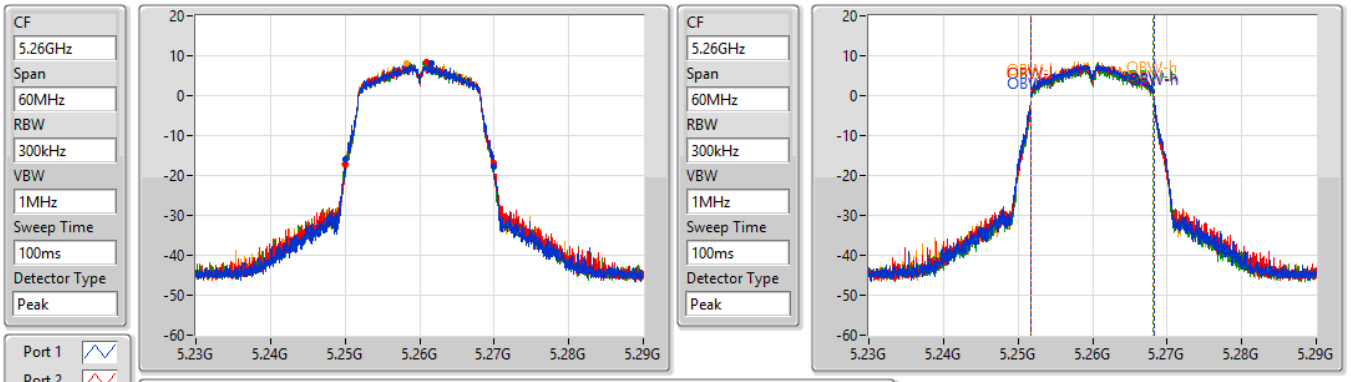
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.92M	16.552M	19.8M	16.462M	19.86M	16.402M	19.98M	16.402M
5300MHz	Pass	Inf	20.01M	16.612M	19.95M	16.462M	19.8M	16.432M	19.92M	16.432M
5320MHz	Pass	Inf	20.07M	16.522M	19.95M	16.462M	19.77M	16.432M	19.74M	16.402M
5500MHz	Pass	Inf	20.1M	16.552M	19.65M	16.432M	19.74M	16.432M	19.65M	16.402M
5580MHz	Pass	Inf	20.1M	16.582M	19.8M	16.432M	19.92M	16.432M	19.71M	16.432M
5700MHz	Pass	Inf	19.95M	16.492M	19.86M	16.402M	19.83M	16.402M	19.86M	16.402M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.85M	13.298M	14.85M	13.223M	14.82M	13.223M	14.85M	13.208M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.858M	3.12M	3.758M	3.14M	3.758M	3.12M	3.758M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.26M	18.921M	25.74M	18.891M	23.07M	18.921M	23.16M	18.921M
5300MHz	Pass	Inf	22.26M	18.921M	24.09M	18.891M	21.57M	18.951M	21.93M	18.951M
5320MHz	Pass	Inf	29.58M	18.921M	23.19M	18.921M	23.22M	18.921M	22.44M	18.951M
5500MHz	Pass	Inf	29.1M	18.921M	22.2M	18.891M	22.26M	18.951M	23.97M	18.921M
5580MHz	Pass	Inf	23.25M	18.951M	23.28M	18.981M	22.71M	18.921M	25.98M	18.921M
5700MHz	Pass	Inf	26.49M	18.921M	21.9M	18.921M	24.75M	18.981M	23.43M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.215M	14.453M	16.215M	14.438M	15.855M	14.453M	15.645M	14.423M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.758M	4.42M	4.718M	4.42M	4.738M	4.44M	4.718M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.48M	37.601M	39.6M	37.601M	39.48M	37.541M	39.48M	37.541M
5310MHz	Pass	Inf	39.66M	37.541M	39.6M	37.661M	39.54M	37.601M	39.54M	37.601M
5510MHz	Pass	Inf	39.6M	37.601M	39.6M	37.541M	39.54M	37.541M	39.54M	37.541M
5550MHz	Pass	Inf	39.72M	37.601M	39.48M	37.601M	39.6M	37.541M	39.54M	37.601M
5670MHz	Pass	Inf	39.54M	37.601M	39.54M	37.601M	39.66M	37.721M	39.48M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	33.583M	34.86M	33.583M	34.825M	33.583M	34.79M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.158M	3.94M	4.158M	3.92M	4.238M	3.94M	4.158M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.28M	76.762M	80.04M	76.762M	80.28M	76.762M	80.16M	76.762M
5530MHz	Pass	Inf	80.28M	76.642M	80.16M	76.642M	80.04M	76.762M	80.16M	76.642M
5610MHz	Pass	Inf	80.28M	76.762M	80.04M	76.762M	80.16M	76.882M	80.16M	76.642M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.15M	72.714M	75.15M	72.789M	75.075M	72.714M	75.075M	72.714M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.138M	3.96M	4.198M	3.86M	4.178M	3.94M	4.138M

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

10/10/2021

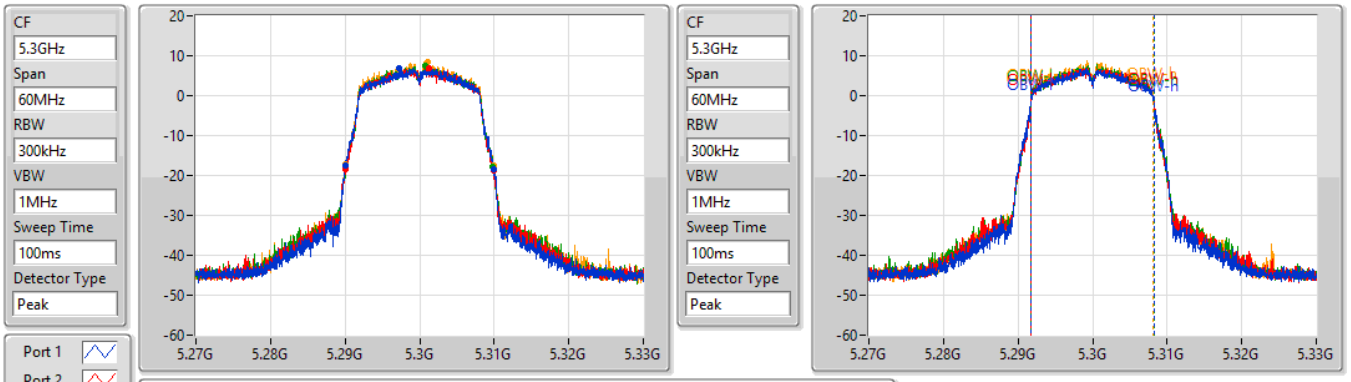


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.92M	5.25001G	5.26993G	16.552M	5.251694G	5.268246G	Inf	1
19.8M	5.2501G	5.2699G	16.462M	5.251754G	5.268216G	Inf	2
19.86M	5.25016G	5.27002G	16.402M	5.251784G	5.268186G	Inf	3
19.98M	5.24992G	5.2699G	16.402M	5.251754G	5.268156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

10/10/2021

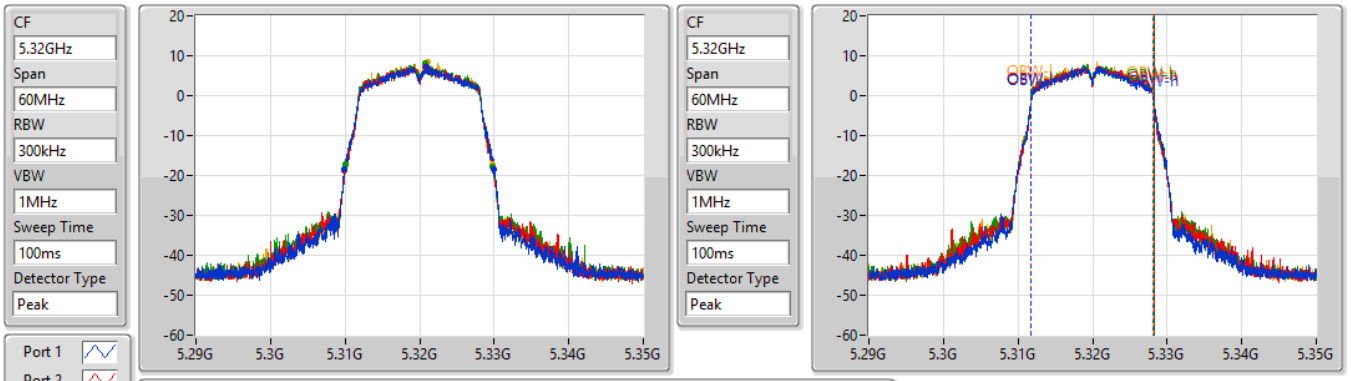


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.01M	5.28998G	5.30999G	16.612M	5.291664G	5.308276G	Inf	1
19.95M	5.28998G	5.30993G	16.462M	5.291754G	5.308216G	Inf	2
19.8M	5.29001G	5.30981G	16.432M	5.291784G	5.308216G	Inf	3
19.92M	5.2901G	5.31002G	16.432M	5.291754G	5.308186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

10/10/2021

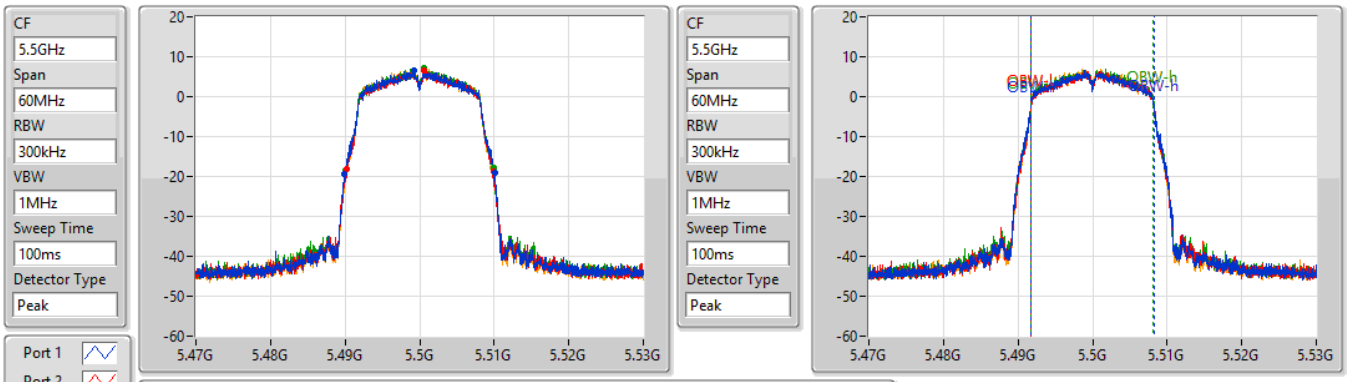


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.07M	5.30992G	5.32999G	16.522M	5.311724G	5.328246G	Inf	1
19.95M	5.30995G	5.3299G	16.462M	5.311754G	5.328216G	Inf	2
19.77M	5.31004G	5.32981G	16.432M	5.311754G	5.328186G	Inf	3
19.74M	5.31004G	5.32978G	16.402M	5.311784G	5.328186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

10/10/2021

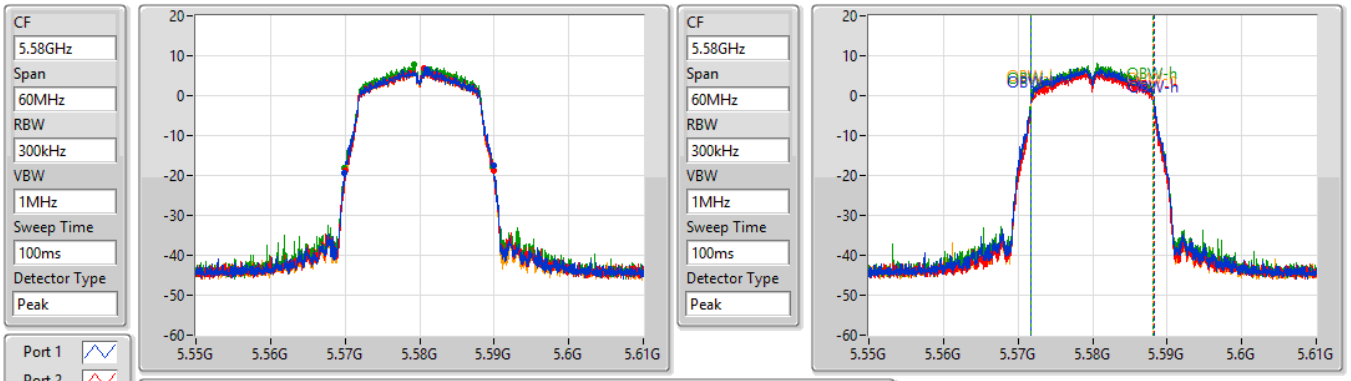


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.1M	5.48995G	5.51005G	16.552M	5.491694G	5.508246G	Inf	1
19.65M	5.49022G	5.50987G	16.432M	5.491784G	5.508216G	Inf	2
19.74M	5.49013G	5.50987G	16.432M	5.491754G	5.508186G	Inf	3
19.65M	5.49019G	5.50984G	16.402M	5.491754G	5.508156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

10/10/2021

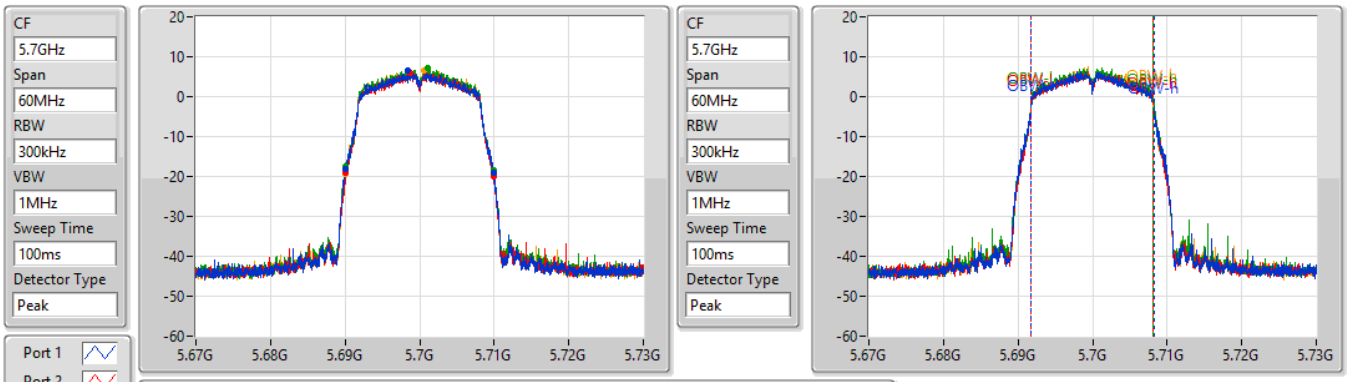


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.1M	5.56989G	5.58999G	16.582M	5.571694G	5.588276G	Inf	1
19.8M	5.57007G	5.58987G	16.432M	5.571784G	5.588216G	Inf	2
19.92M	5.569866G	5.58978G	16.432M	5.571754G	5.588186G	Inf	3
19.71M	5.5701G	5.58981G	16.432M	5.571754G	5.588186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

10/10/2021

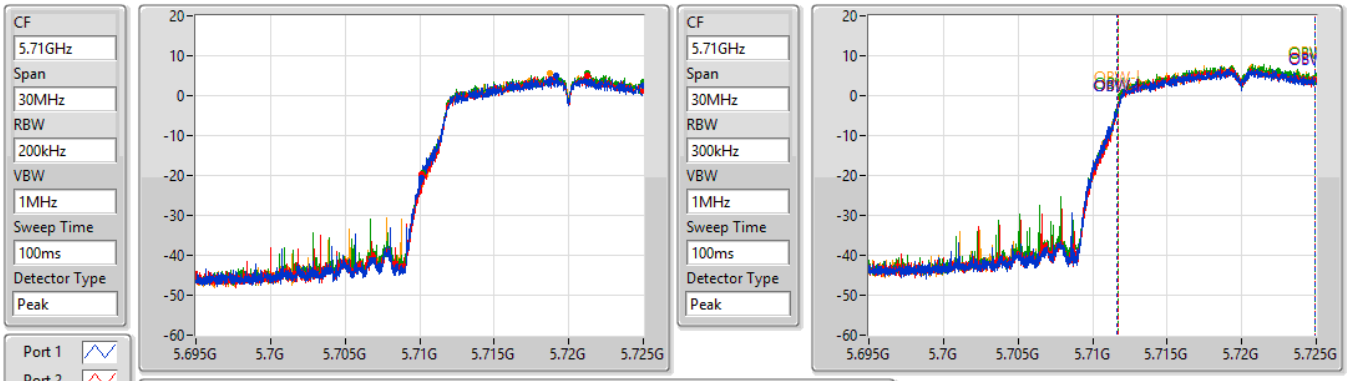


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.95M	5.68998G	5.70993G	16.492M	5.691724G	5.708216G	Inf	1
19.86M	5.69004G	5.7099G	16.402M	5.691784G	5.708186G	Inf	2
19.83M	5.69007G	5.7099G	16.402M	5.691784G	5.708186G	Inf	3
19.86M	5.69004G	5.7099G	16.402M	5.691754G	5.708156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

10/10/2021

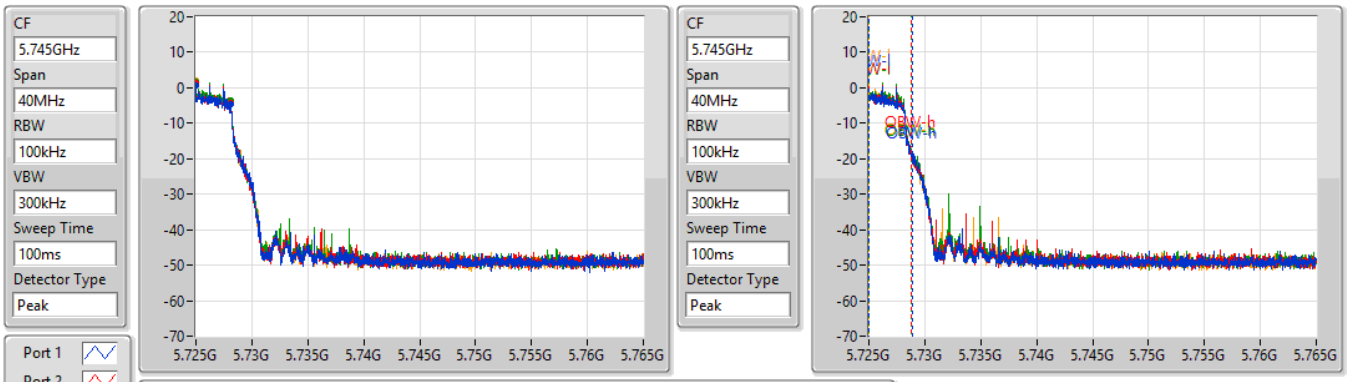


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.85M	5.71015G	5.725G	13.298M	5.711619G	5.724918G	Inf	1
14.85M	5.71015G	5.725G	13.223M	5.711709G	5.724933G	Inf	2
14.82M	5.71018G	5.725G	13.223M	5.711709G	5.724933G	Inf	3
14.85M	5.71015G	5.725G	13.208M	5.711724G	5.724933G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

10/10/2021

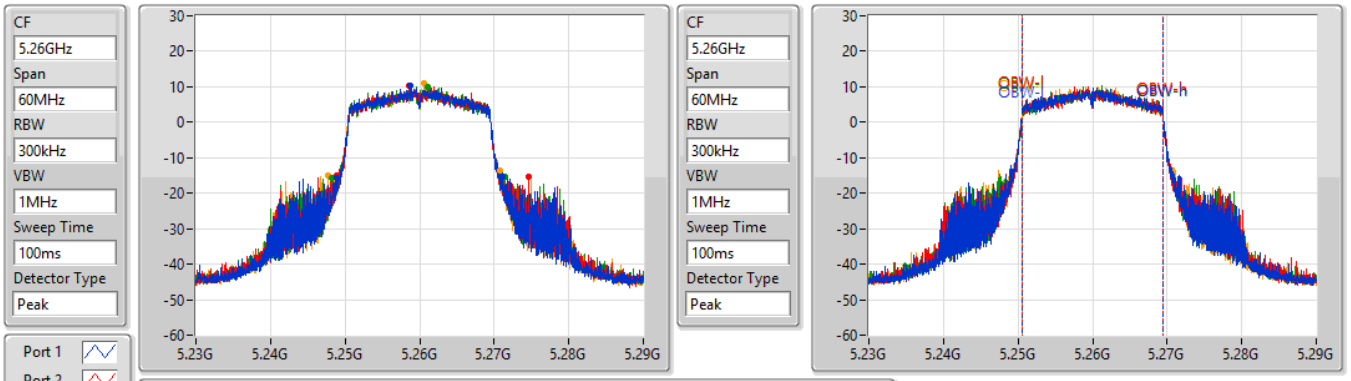


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.858M	5.72501G	5.728868G	500k	1
3.12M	5.725G	5.72812G	3.758M	5.72501G	5.728768G	500k	2
3.14M	5.725G	5.72814G	3.758M	5.72501G	5.728768G	500k	3
3.12M	5.725G	5.72812G	3.758M	5.72501G	5.728768G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

10/10/2021

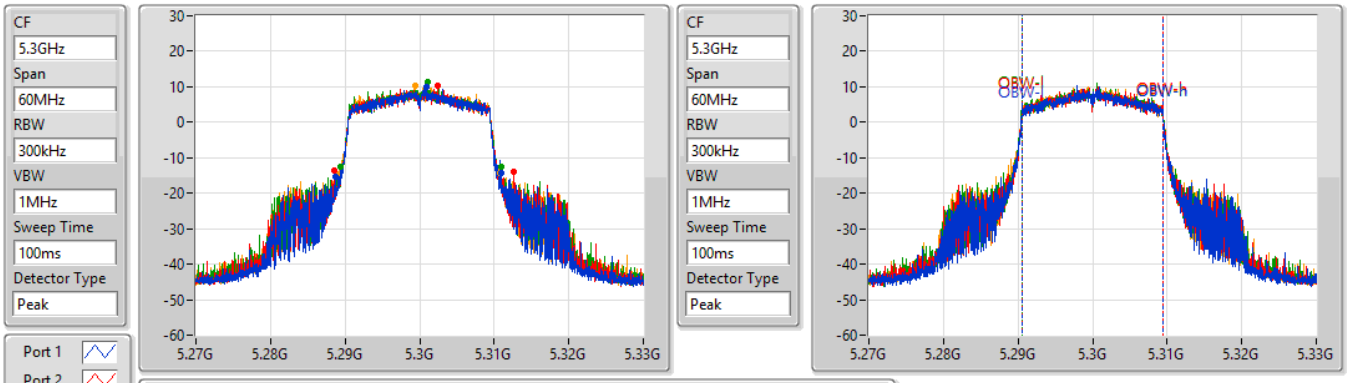


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.26M	5.2489G	5.27116G	18.921M	5.250525G	5.269445G	Inf	1
25.74M	5.2489G	5.27464G	18.891M	5.250525G	5.269415G	Inf	2
23.07M	5.2483G	5.27137G	18.921M	5.250525G	5.269445G	Inf	3
23.16M	5.2477G	5.27086G	18.921M	5.250525G	5.269445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

10/10/2021

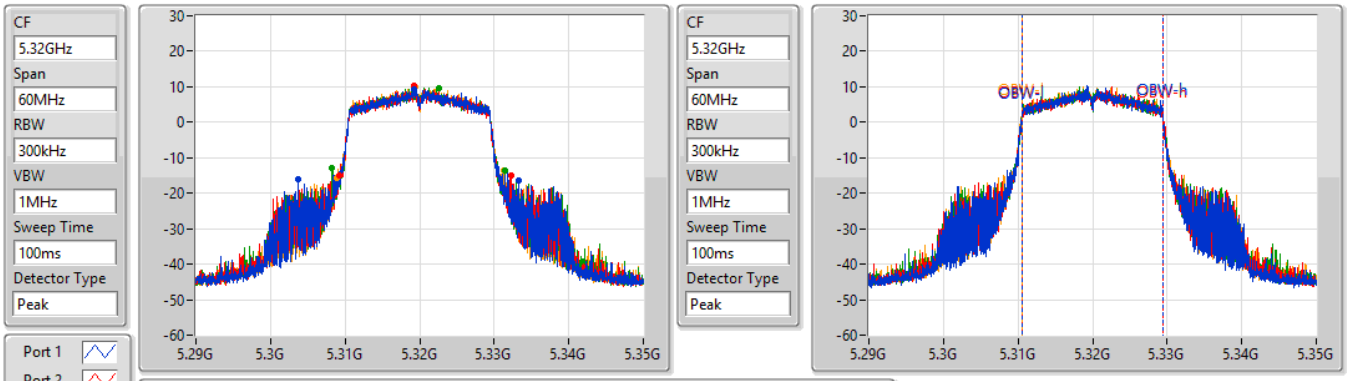


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.26M	5.28869G	5.31095G	18.921M	5.290525G	5.309445G	Inf	1
24.09M	5.28857G	5.31266G	18.891M	5.290525G	5.309415G	Inf	2
21.57M	5.28932G	5.31089G	18.951M	5.290495G	5.309445G	Inf	3
21.93M	5.28884G	5.31077G	18.951M	5.290495G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

10/10/2021

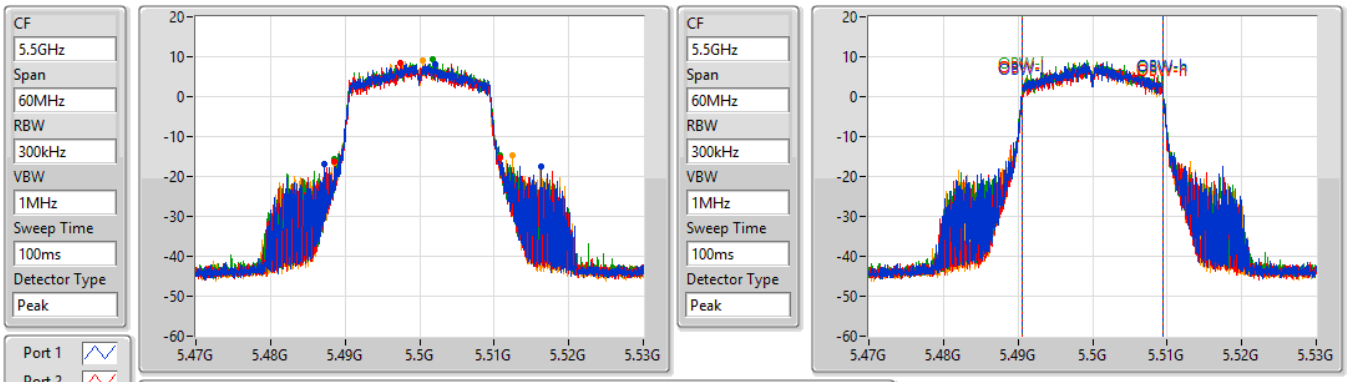


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.58M	5.30368G	5.33326G	18.921M	5.310495G	5.329415G	Inf	1
23.19M	5.30917G	5.33236G	18.921M	5.310525G	5.329445G	Inf	2
23.22M	5.30821G	5.33143G	18.921M	5.310525G	5.329445G	Inf	3
22.44M	5.3089G	5.33134G	18.951M	5.310495G	5.329445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

10/10/2021

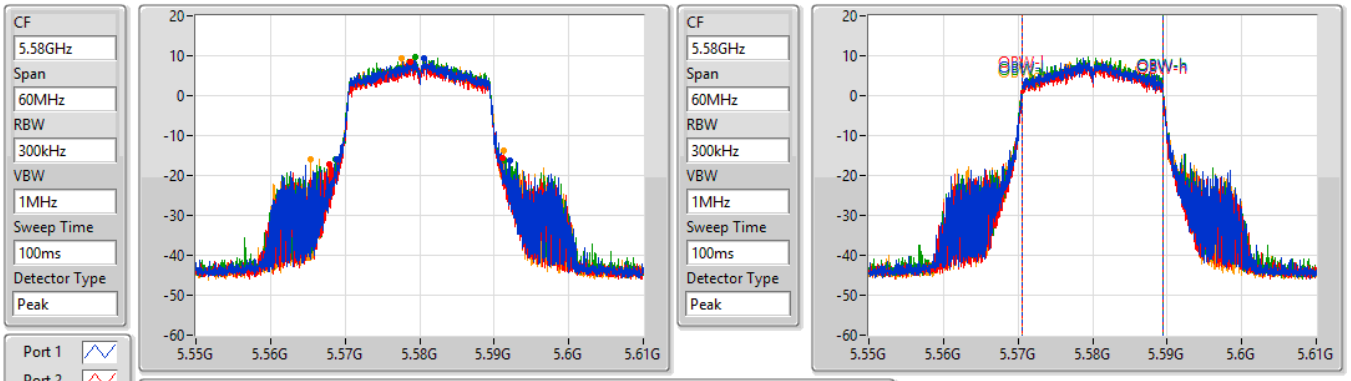


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.1M	5.48725G	5.51635G	18.921M	5.490525G	5.509445G	Inf	1
22.2M	5.48857G	5.51077G	18.891M	5.490555G	5.509445G	Inf	2
22.26M	5.48851G	5.51077G	18.951M	5.490525G	5.509475G	Inf	3
23.97M	5.48851G	5.51248G	18.921M	5.490525G	5.509445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

10/10/2021

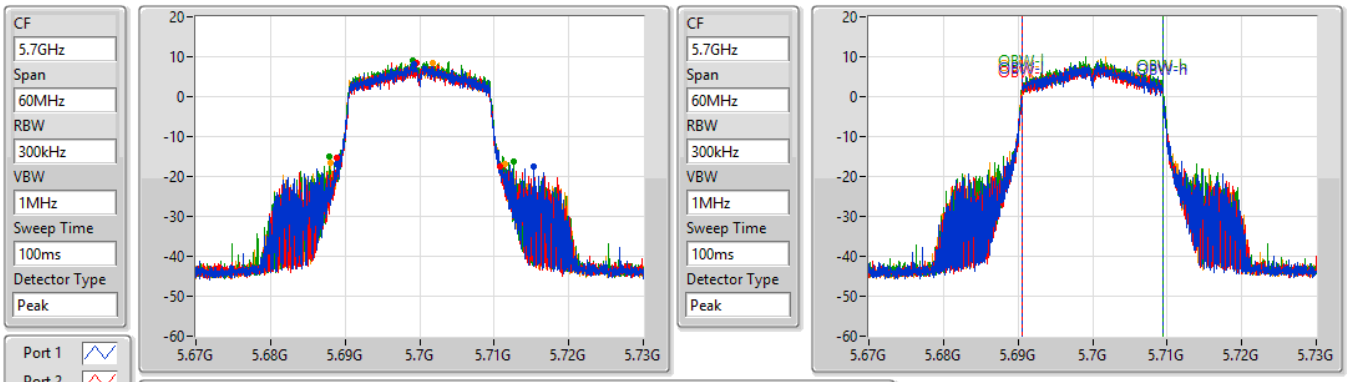


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.25M	5.5689G	5.59215G	18.951M	5.570495G	5.589445G	Inf	1
23.28M	5.56788G	5.59116G	18.981M	5.570495G	5.589475G	Inf	2
22.71M	5.56872G	5.59143G	18.921M	5.570525G	5.589445G	Inf	3
25.98M	5.56533G	5.59131G	18.921M	5.570525G	5.589445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

10/10/2021

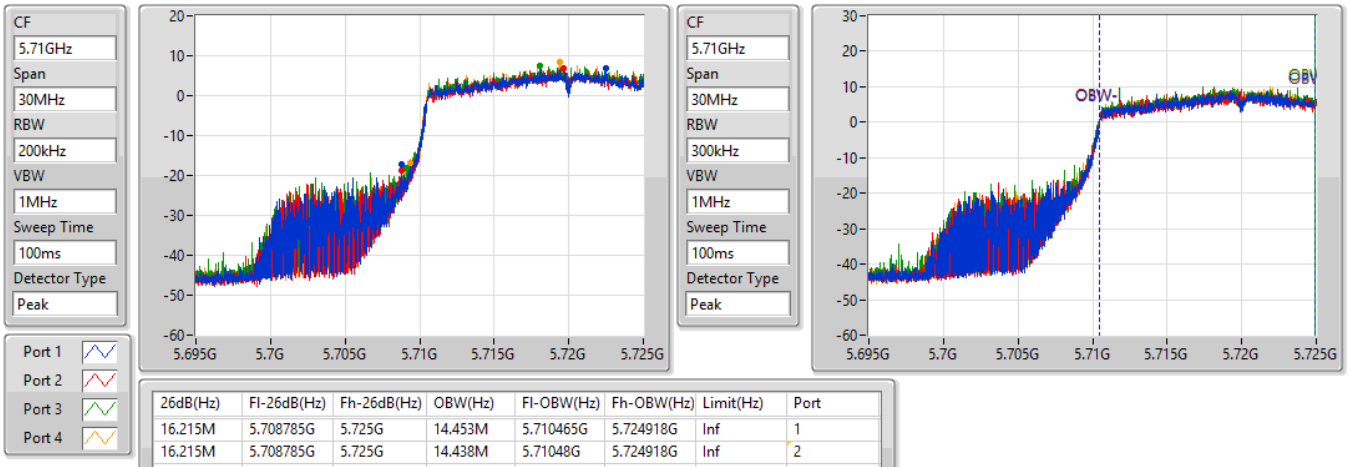


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.49M	5.68887G	5.71536G	18.921M	5.690525G	5.709445G	Inf	1
21.9M	5.68881G	5.71071G	18.921M	5.690525G	5.709445G	Inf	2
24.75M	5.68791G	5.71266G	18.981M	5.690495G	5.709475G	Inf	3
23.43M	5.68797G	5.7114G	18.951M	5.690495G	5.709445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

10/10/2021

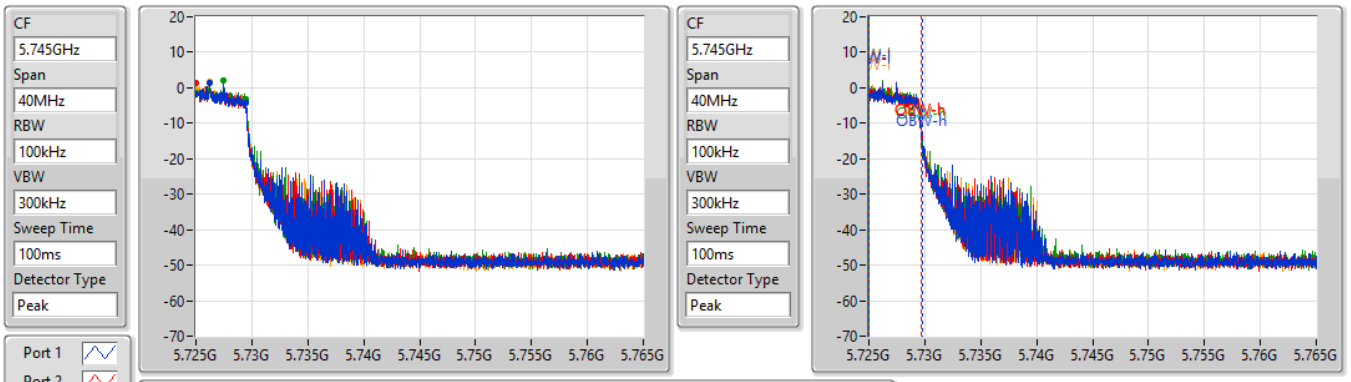


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.215M	5.708785G	5.725G	14.453M	5.710465G	5.724918G	Inf	1
16.215M	5.708785G	5.725G	14.438M	5.71048G	5.724918G	Inf	2
15.855M	5.709145G	5.725G	14.453M	5.710465G	5.724918G	Inf	3
15.645M	5.709355G	5.725G	14.423M	5.71048G	5.724903G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

10/10/2021

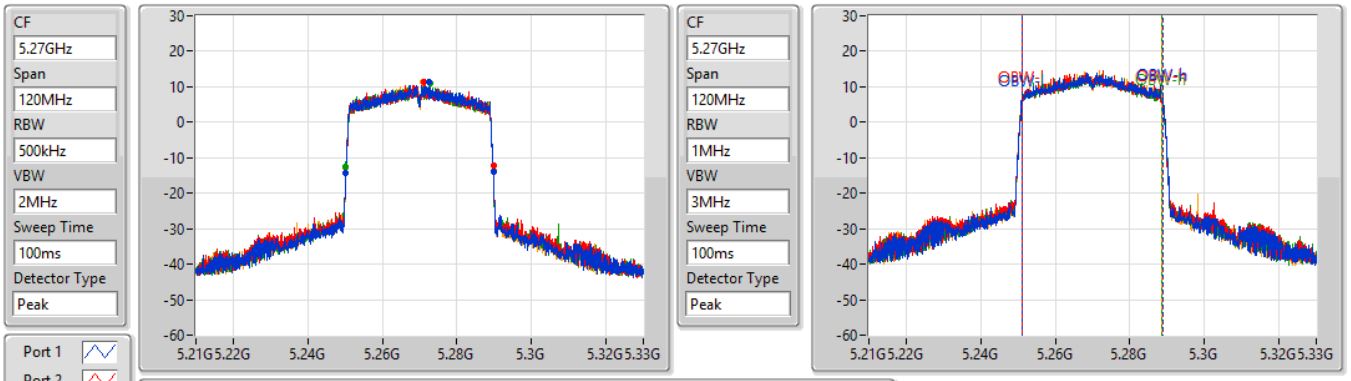


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.42M	5.725G	5.72942G	4.758M	5.72501G	5.729768G	500k	1
4.42M	5.725G	5.72942G	4.718M	5.72501G	5.729728G	500k	2
4.42M	5.725G	5.72942G	4.738M	5.72501G	5.729748G	500k	3
4.44M	5.725G	5.72944G	4.718M	5.72501G	5.729728G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

10/10/2021

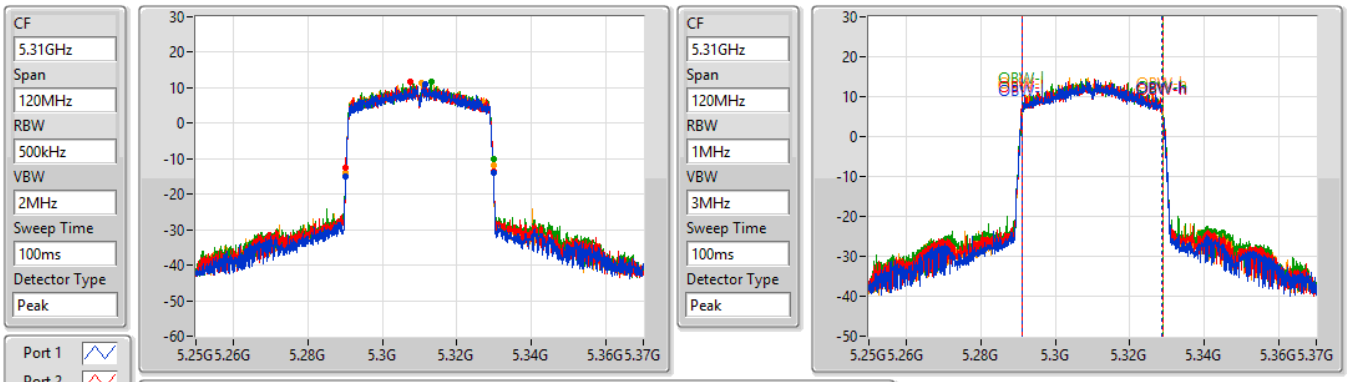


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.25026G	5.28974G	37.601M	5.251169G	5.288771G	Inf	1
39.6M	5.2502G	5.2898G	37.601M	5.251169G	5.288771G	Inf	2
39.48M	5.25026G	5.28974G	37.541M	5.251169G	5.288711G	Inf	3
39.48M	5.25026G	5.28974G	37.541M	5.251169G	5.288711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

10/10/2021

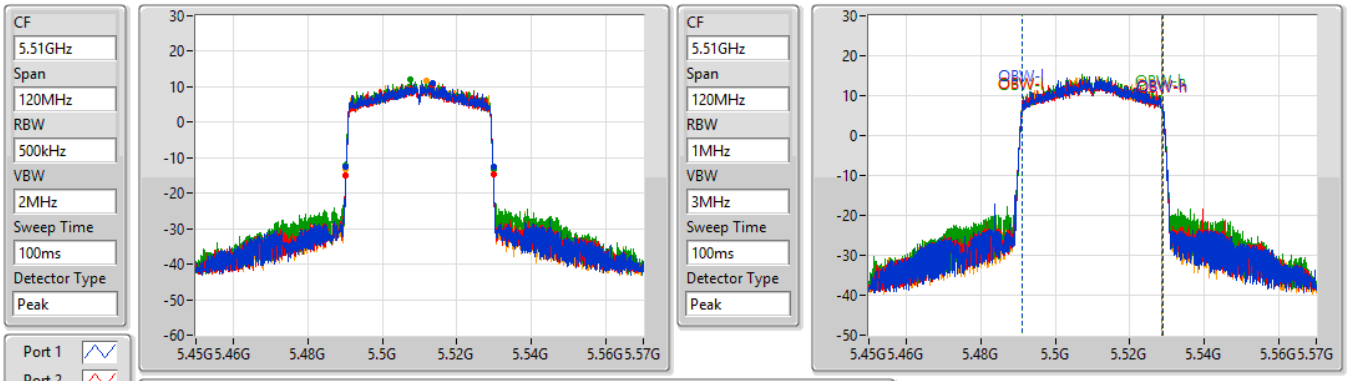


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.29014G	5.3298G	37.541M	5.291169G	5.328711G	Inf	1
39.6M	5.2902G	5.3298G	37.661M	5.291109G	5.328771G	Inf	2
39.54M	5.2902G	5.32974G	37.601M	5.291169G	5.328771G	Inf	3
39.54M	5.2902G	5.32974G	37.601M	5.291169G	5.328771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

10/10/2021

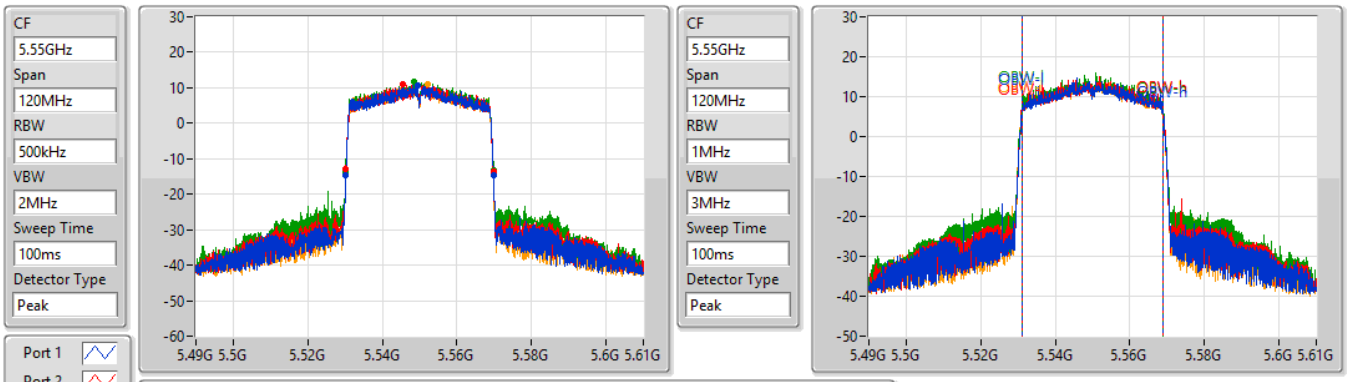


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.49014G	5.52974G	37.601M	5.491169G	5.528771G	Inf	1
39.6M	5.4902G	5.5298G	37.541M	5.491229G	5.528771G	Inf	2
39.54M	5.4902G	5.52974G	37.541M	5.491169G	5.528711G	Inf	3
39.54M	5.4902G	5.52974G	37.541M	5.491169G	5.528711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

10/10/2021

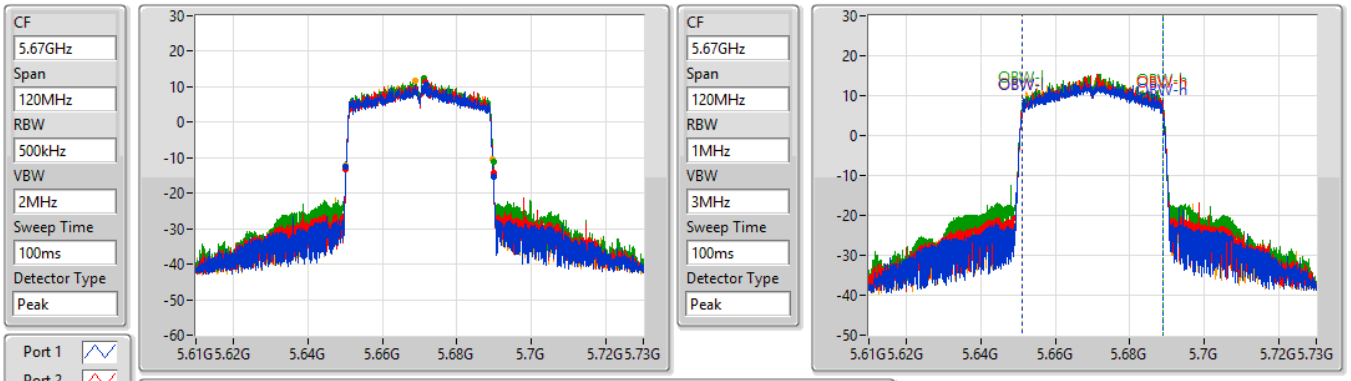


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.5302G	5.56992G	37.601M	5.531169G	5.568771G	Inf	1
39.48M	5.53026G	5.56974G	37.601M	5.531169G	5.568771G	Inf	2
39.6M	5.53014G	5.56974G	37.541M	5.531229G	5.568771G	Inf	3
39.54M	5.5302G	5.56974G	37.601M	5.531169G	5.568771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

10/10/2021

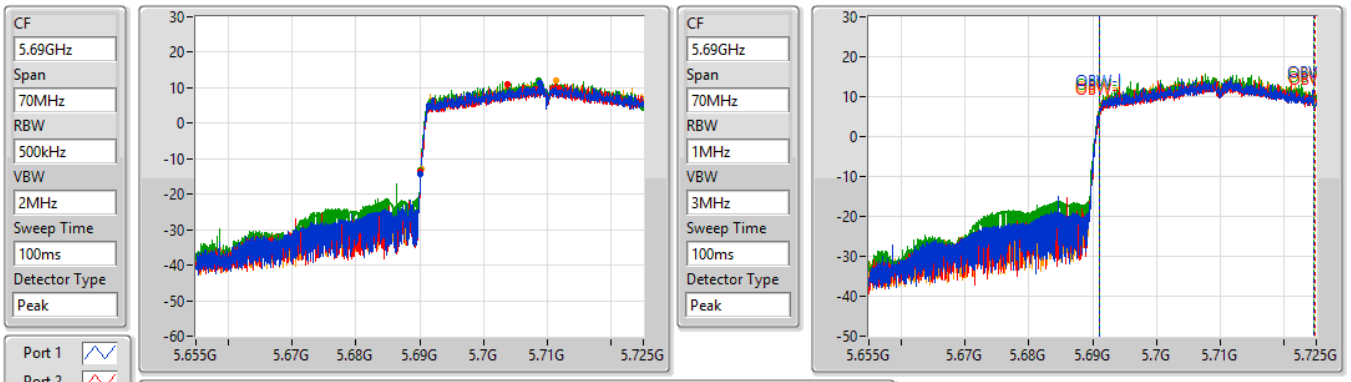


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.65026G	5.6898G	37.601M	5.651169G	5.688771G	Inf	1
39.54M	5.6502G	5.68974G	37.601M	5.651169G	5.688771G	Inf	2
39.66M	5.65014G	5.6898G	37.721M	5.651109G	5.688831G	Inf	3
39.48M	5.6502G	5.68968G	37.601M	5.651169G	5.688771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

10/10/2021

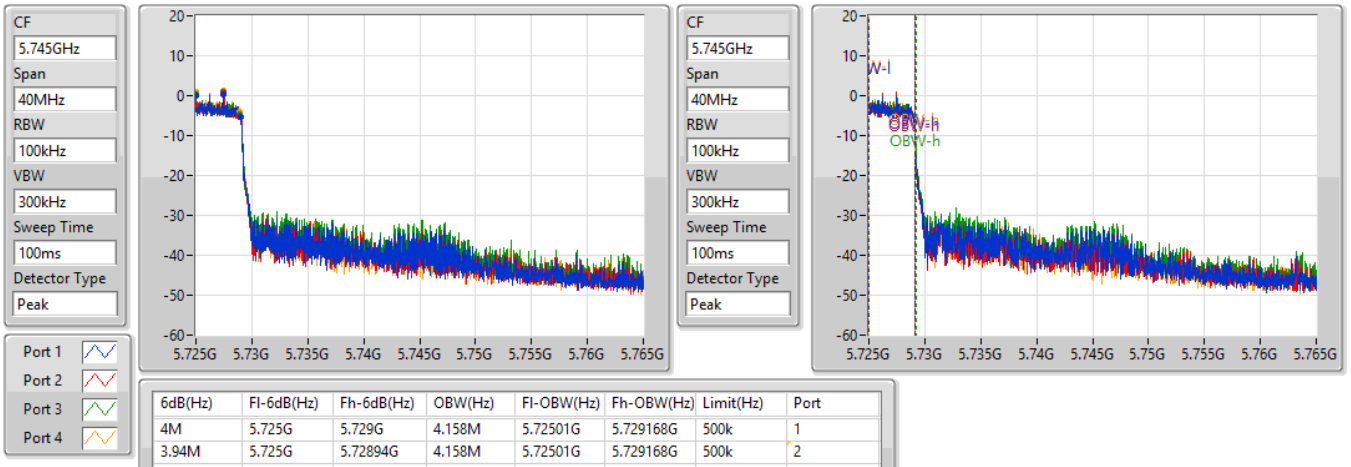


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.825M	5.690175G	5.725G	33.583M	5.691119G	5.724703G	Inf	1
34.86M	5.69014G	5.725G	33.583M	5.691154G	5.724738G	Inf	2
34.825M	5.690175G	5.725G	33.583M	5.691119G	5.724703G	Inf	3
34.79M	5.69021G	5.725G	33.583M	5.691154G	5.724738G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

10/10/2021

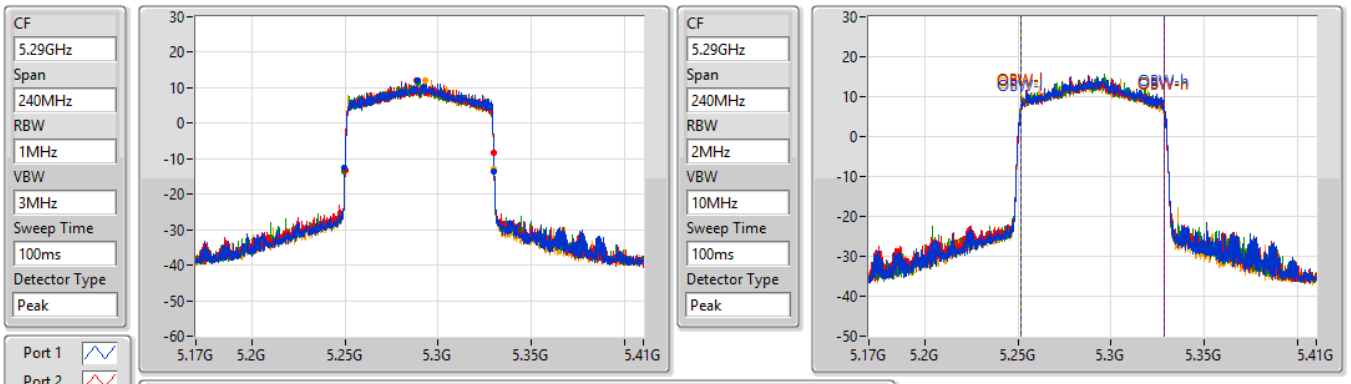


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	4.158M	5.72501G	5.729168G	500k	1
3.94M	5.725G	5.72894G	4.158M	5.72501G	5.729168G	500k	2
3.92M	5.725G	5.72892G	4.238M	5.72501G	5.729248G	500k	3
3.94M	5.725G	5.72894G	4.158M	5.72501G	5.729168G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

10/10/2021

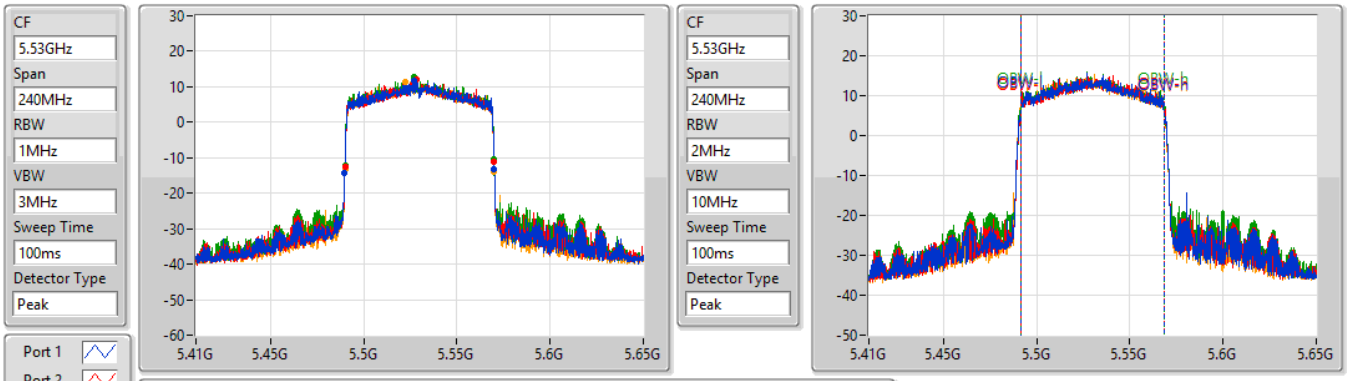


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.2498G	5.33008G	76.762M	5.251619G	5.328381G	Inf	1
80.04M	5.24992G	5.32996G	76.762M	5.251499G	5.328261G	Inf	2
80.28M	5.2498G	5.33008G	76.762M	5.251499G	5.328261G	Inf	3
80.16M	5.24992G	5.33008G	76.762M	5.251499G	5.328261G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

10/10/2021

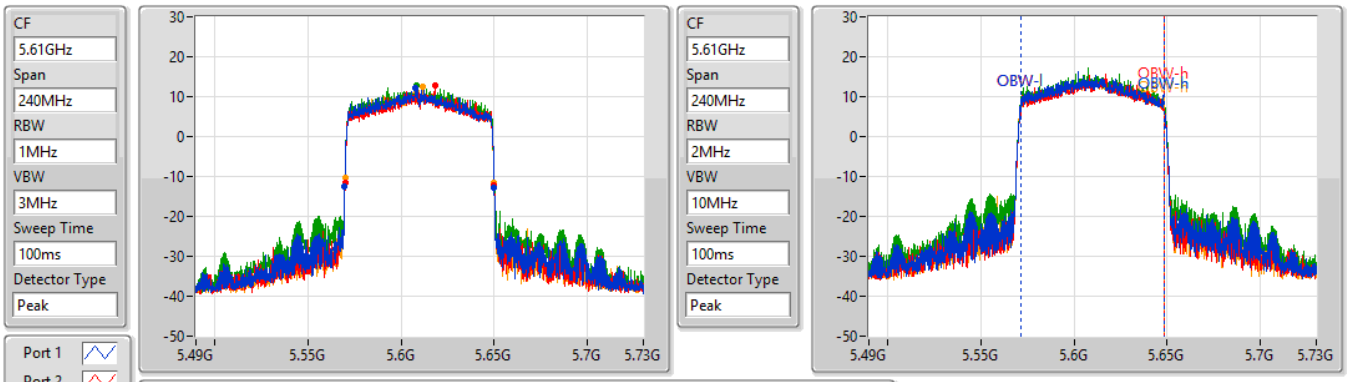


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.4898G	5.57008G	76.642M	5.491619G	5.568261G	Inf	1
80.16M	5.48992G	5.57008G	76.642M	5.491739G	5.568381G	Inf	2
80.04M	5.48992G	5.56996G	76.762M	5.491499G	5.568261G	Inf	3
80.16M	5.48992G	5.57008G	76.642M	5.491619G	5.568261G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

10/10/2021

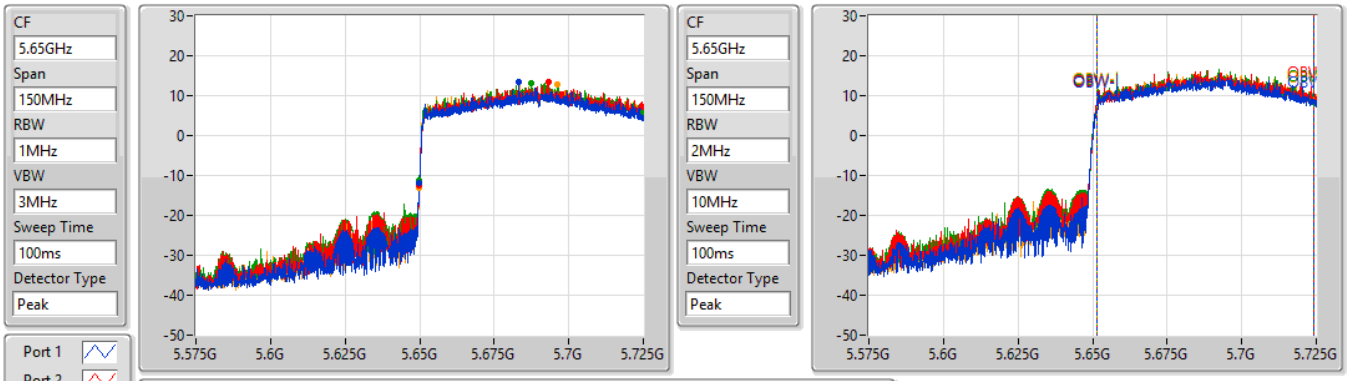


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.5698G	5.65008G	76.762M	5.571499G	5.648261G	Inf	1
80.04M	5.56992G	5.64996G	76.762M	5.571619G	5.648381G	Inf	2
80.16M	5.56992G	5.65008G	76.882M	5.571499G	5.648381G	Inf	3
80.16M	5.56992G	5.65008G	76.642M	5.571499G	5.648141G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

10/10/2021

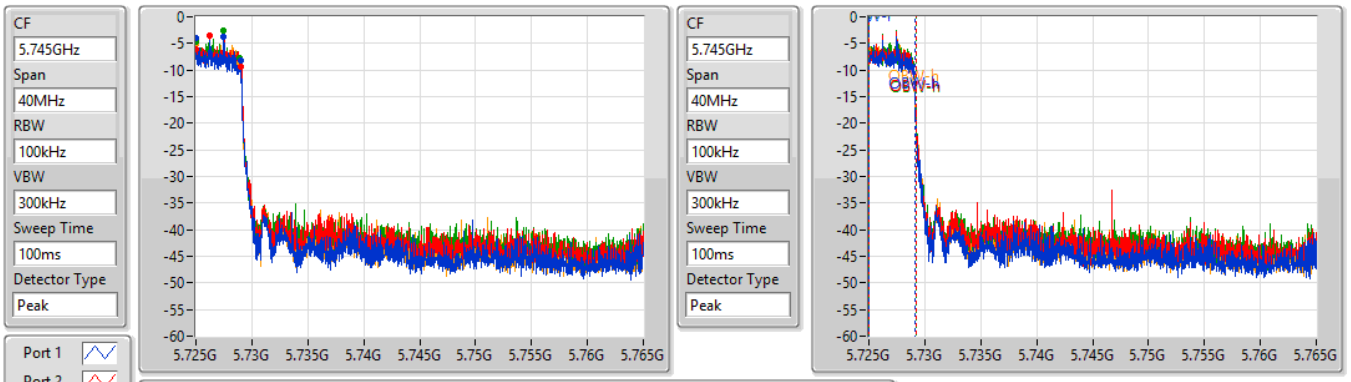


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.15M	5.64985G	5.725G	72.714M	5.651499G	5.724213G	Inf	1
75.15M	5.64985G	5.725G	72.789M	5.651574G	5.724363G	Inf	2
75.075M	5.649925G	5.725G	72.714M	5.651574G	5.724288G	Inf	3
75.075M	5.649925G	5.725G	72.714M	5.651574G	5.724288G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

10/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.138M	5.72501G	5.729148G	500k	1
3.96M	5.725G	5.72896G	4.198M	5.72501G	5.729208G	500k	2
3.86M	5.725G	5.72886G	4.178M	5.72501G	5.729188G	500k	3
3.94M	5.725G	5.72894G	4.138M	5.72501G	5.729148G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72	0.14859
802.11ax HEW20_Nss1,(MCS0)_4TX	22.39	0.17338
802.11ax HEW40_Nss1,(MCS0)_4TX	23.57	0.22751
802.11ax HEW80_Nss1,(MCS0)_4TX	23.55	0.22646
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.81	0.12050
802.11ax HEW20_Nss1,(MCS0)_4TX	21.56	0.14322
802.11ax HEW40_Nss1,(MCS0)_4TX	23.91	0.24604
802.11ax HEW80_Nss1,(MCS0)_4TX	23.93	0.24717
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.05	0.01603
802.11ax HEW20_Nss1,(MCS0)_4TX	13.64	0.02312
802.11ax HEW40_Nss1,(MCS0)_4TX	12.29	0.01694
802.11ax HEW80_Nss1,(MCS0)_4TX	8.24	0.00667

Result

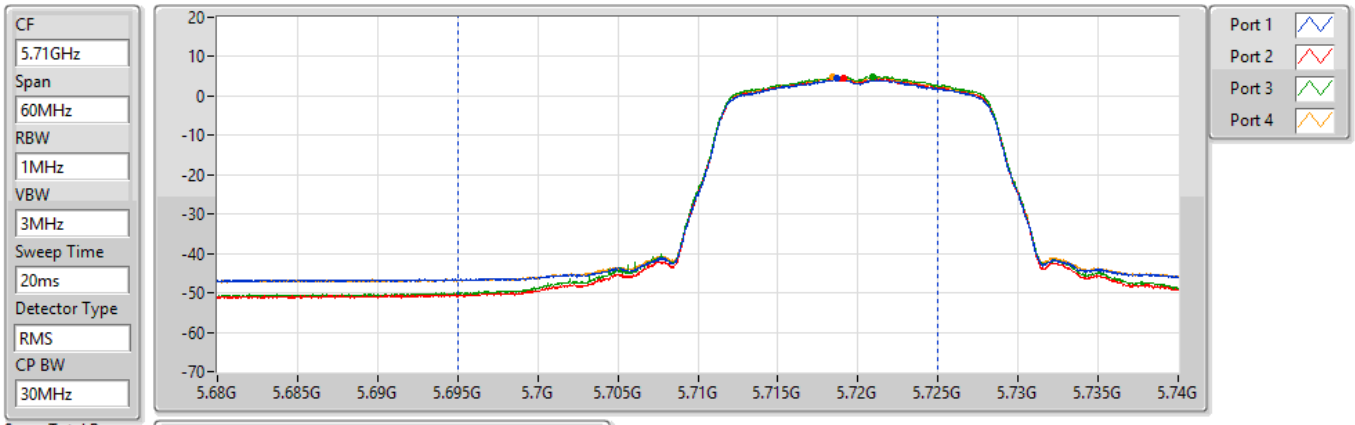
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.07	15.94	15.81	15.05	15.95	21.72	23.97
5300MHz	Pass	4.07	14.88	15.09	15.27	15.50	21.21	23.97
5320MHz	Pass	4.07	15.41	15.55	15.74	15.95	21.69	23.95
5500MHz	Pass	4.84	14.39	14.29	14.78	14.59	20.54	23.93
5580MHz	Pass	4.84	15.05	14.48	15.07	14.54	20.81	23.95
5700MHz	Pass	4.84	14.27	14.16	14.98	14.69	20.56	23.97
5720MHz Straddle 5.47-5.725GHz	Pass	4.84	13.68	13.84	14.46	14.20	20.08	22.71
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	5.63	5.81	6.54	6.08	12.05	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.07	16.18	16.45	16.38	16.46	22.39	23.98
5300MHz	Pass	4.07	16.04	16.12	16.58	16.59	22.36	23.98
5320MHz	Pass	4.07	16.04	16.10	16.24	16.37	22.21	23.98
5500MHz	Pass	4.84	15.15	14.94	15.52	15.21	21.23	23.98
5580MHz	Pass	4.84	15.64	14.95	16.11	15.38	21.56	23.98
5700MHz	Pass	4.84	15.10	14.96	15.84	15.45	21.37	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.84	14.02	14.03	14.78	14.45	20.35	22.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	7.25	7.43	8.06	7.68	13.64	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.07	17.62	17.47	17.67	17.44	23.57	23.98
5310MHz	Pass	4.07	17.24	17.42	17.71	17.72	23.55	23.98
5510MHz	Pass	4.84	17.16	17.65	18.02	17.86	23.70	23.98
5550MHz	Pass	4.84	17.19	17.54	18.12	17.36	23.59	23.98
5670MHz	Pass	4.84	17.11	17.44	18.20	17.72	23.66	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.84	17.73	17.54	18.14	18.13	23.91	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.09	5.98	6.06	6.52	6.48	12.29	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.07	17.79	17.53	17.41	17.38	23.55	23.98
5530MHz	Pass	4.84	17.79	17.65	18.12	17.56	23.81	23.98
5610MHz	Pass	4.84	17.87	17.47	18.49	17.76	23.93	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.84	17.09	17.72	17.91	17.88	23.68	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.09	1.42	2.50	2.47	2.38	8.24	30.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

10/10/2021

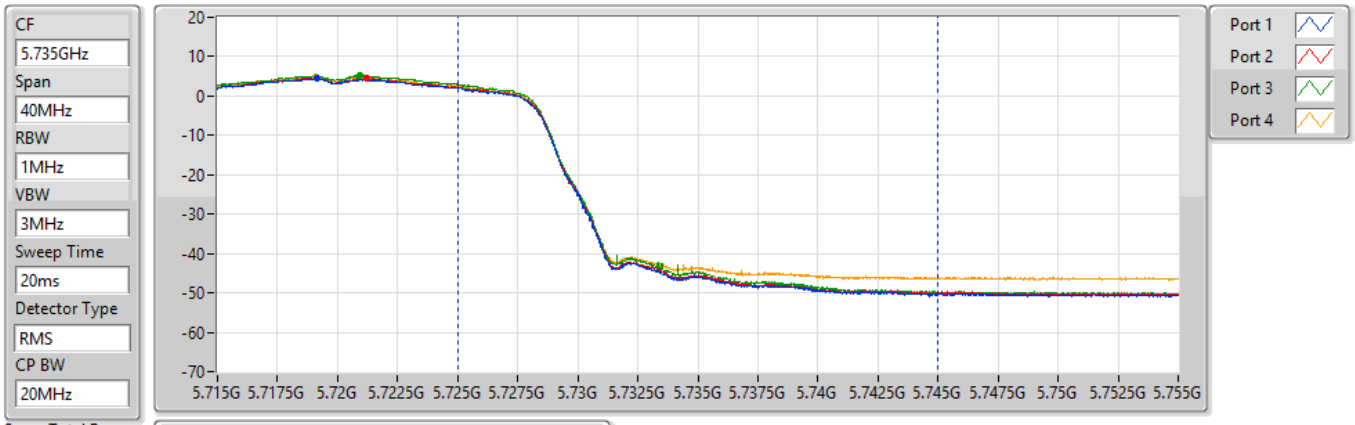


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.08	13.68	13.84	14.46	14.20

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

10/10/2021

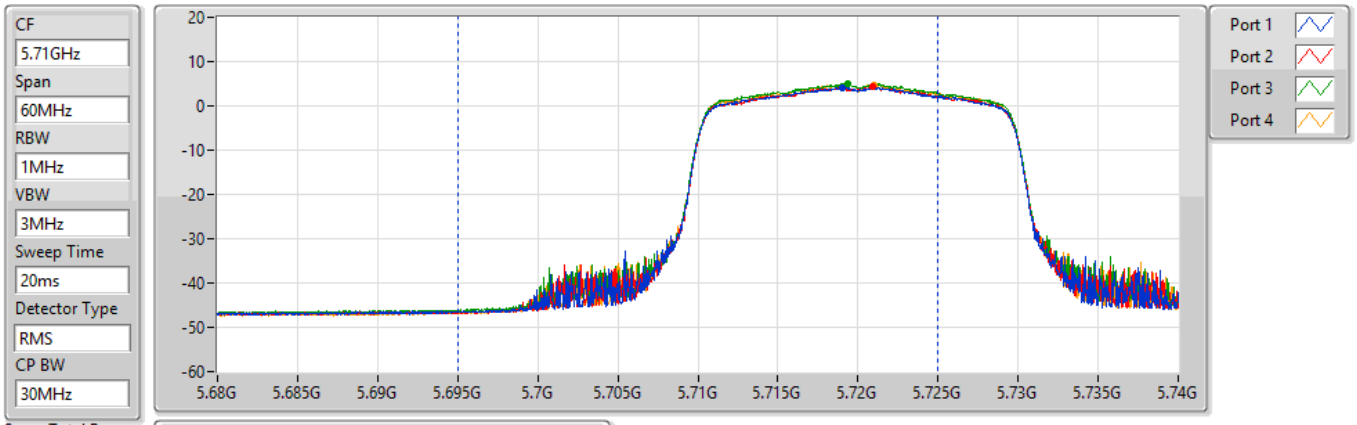


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.05	5.63	5.81	6.54	6.08

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

10/10/2021

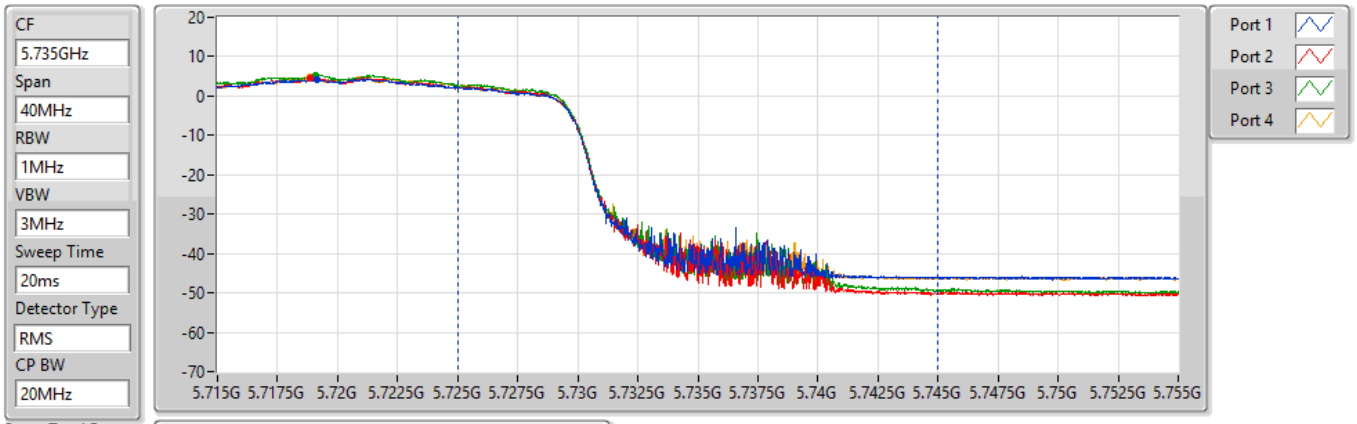


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.35	14.02	14.03	14.78	14.45

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

10/10/2021

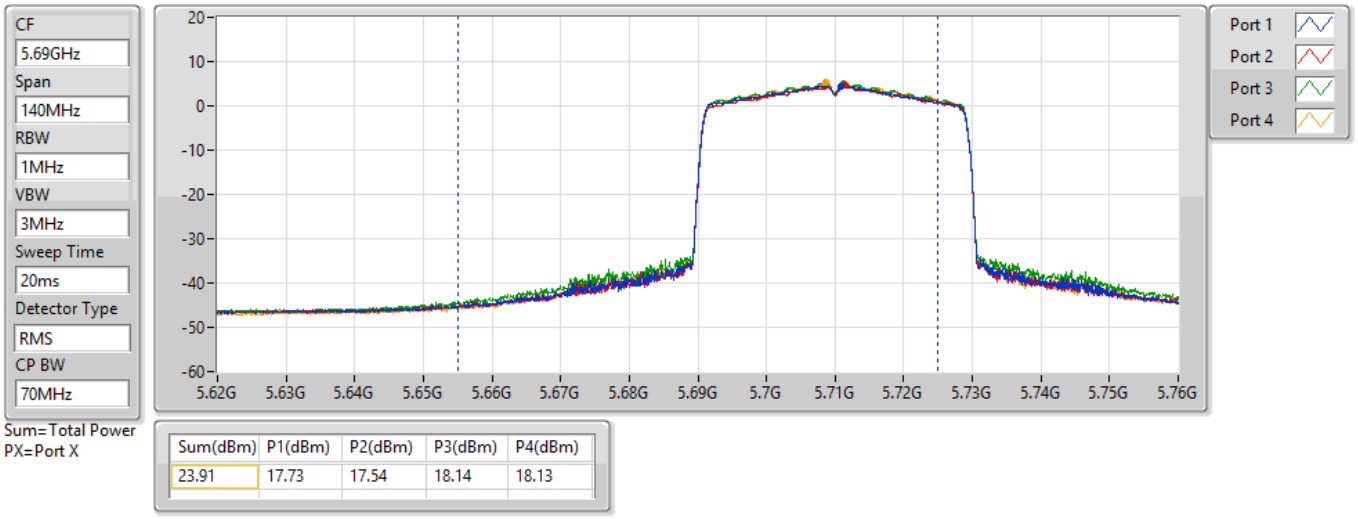


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.64	7.25	7.43	8.06	7.68

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

10/10/2021

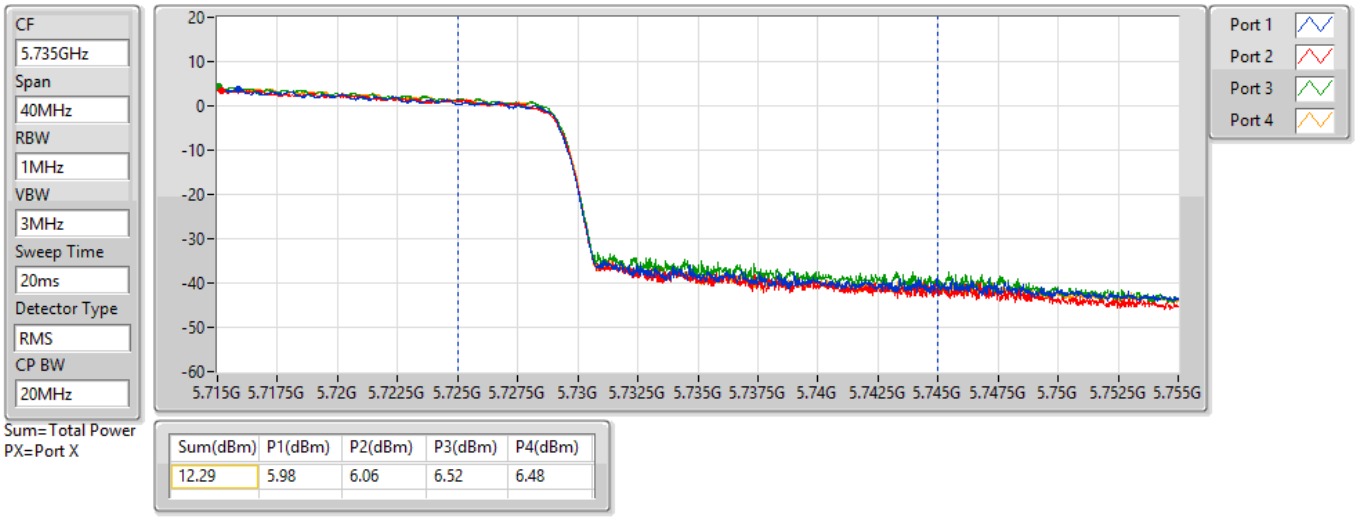


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.91	17.73	17.54	18.14	18.13

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

10/10/2021

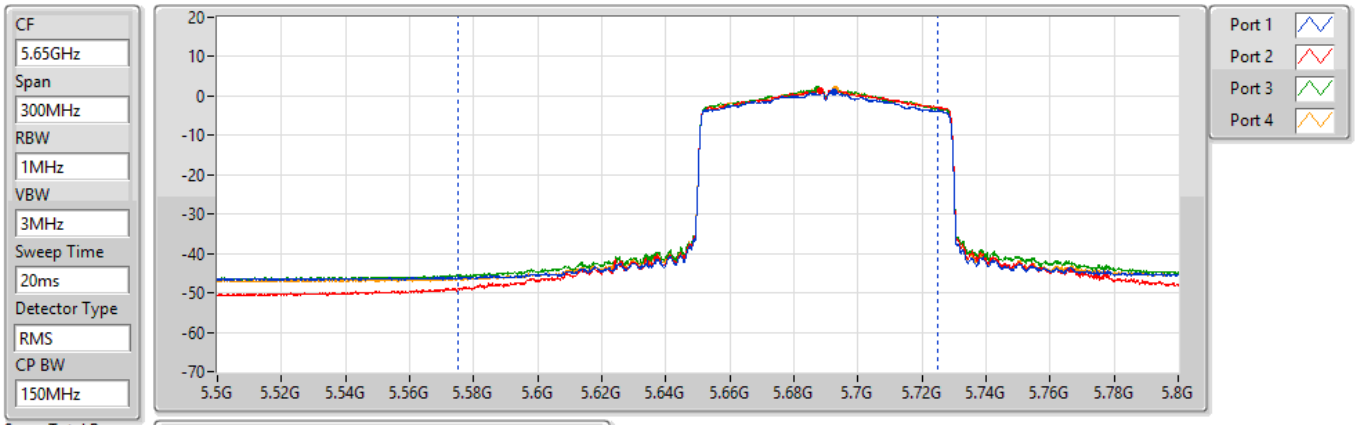


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.29	5.98	6.06	6.52	6.48

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

10/10/2021



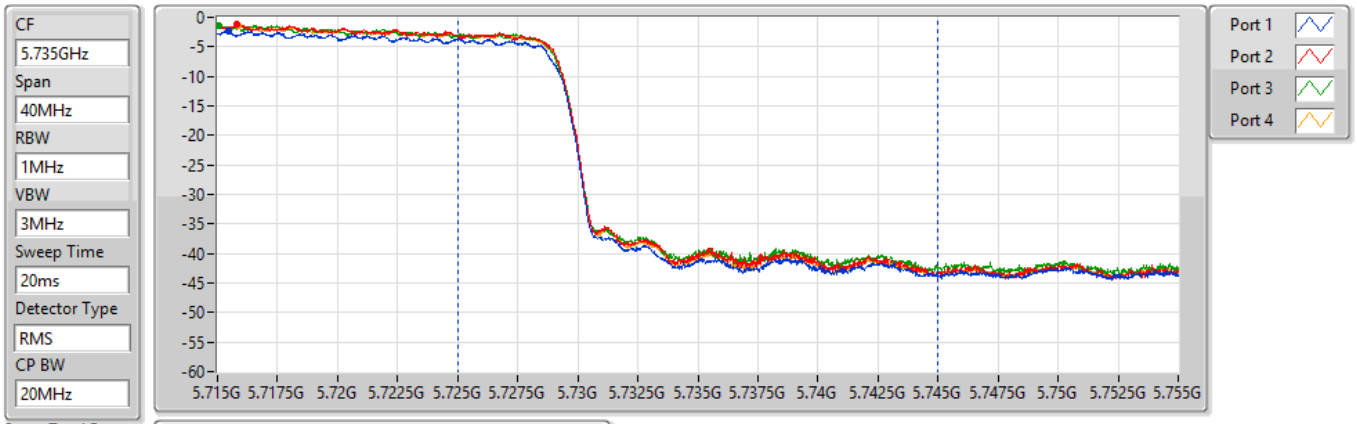
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.68	17.09	17.72	17.91	17.88

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

10/10/2021



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.24	1.42	2.50	2.47	2.38

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.39	0.17338
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.79	0.19011
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.58	0.18113
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.56	0.14322
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.97	0.15740
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.03	0.15959
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.64	0.02312
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.49	0.01119
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.92	0.00310

Result

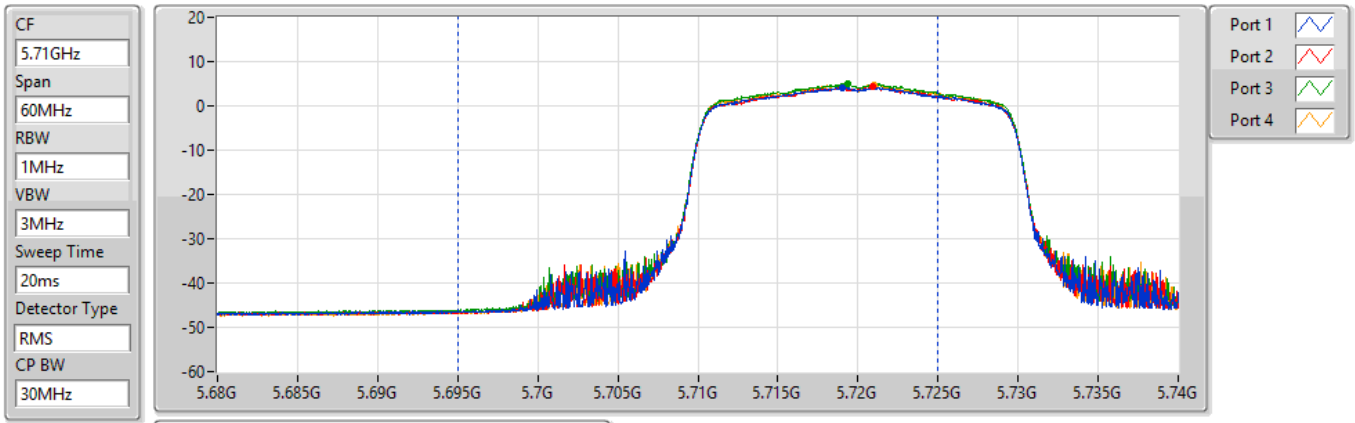
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.08	16.18	16.45	16.38	16.46	22.39	22.90
5300MHz	Pass	7.08	16.04	16.12	16.58	16.59	22.36	22.90
5320MHz	Pass	7.08	16.04	16.1	16.24	16.37	22.21	22.90
5500MHz	Pass	7.85	15.15	14.94	15.52	15.21	21.23	22.13
5580MHz	Pass	7.85	15.64	14.95	16.11	15.38	21.56	22.13
5700MHz	Pass	7.85	15.1	14.96	15.84	15.45	21.37	22.13
5720MHz Straddle 5.47-5.725GHz	Pass	7.85	14.02	14.03	14.78	14.45	20.35	22.13
5720MHz Straddle 5.725-5.85GHz	Pass	8.10	7.25	7.43	8.06	7.68	13.64	27.90
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.08	16.74	16.68	16.63	16.70	22.71	22.90
5310MHz	Pass	7.08	16.60	16.72	16.73	17.01	22.79	22.90
5510MHz	Pass	7.85	15.43	15.72	15.73	15.91	21.72	22.13
5550MHz	Pass	7.85	15.43	15.91	16.13	15.55	21.78	22.13
5670MHz	Pass	7.85	15.22	16.29	16.14	16.06	21.97	22.13
5710MHz Straddle 5.47-5.725GHz	Pass	7.85	15.46	15.99	16.06	16.22	21.96	22.13
5710MHz Straddle 5.725-5.85GHz	Pass	8.10	4.04	4.29	4.73	4.77	10.49	27.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.08	16.86	16.52	16.44	16.40	22.58	22.90
5530MHz	Pass	7.85	15.86	15.41	16.17	15.50	21.77	22.13
5610MHz	Pass	7.85	16.13	15.49	16.61	15.72	22.03	22.13
5690MHz Straddle 5.47-5.725GHz	Pass	7.85	15.17	15.79	16.22	15.45	21.70	22.13
5690MHz Straddle 5.725-5.85GHz	Pass	8.10	-1.89	-0.95	-0.71	-0.93	4.92	27.90

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

10/10/2021

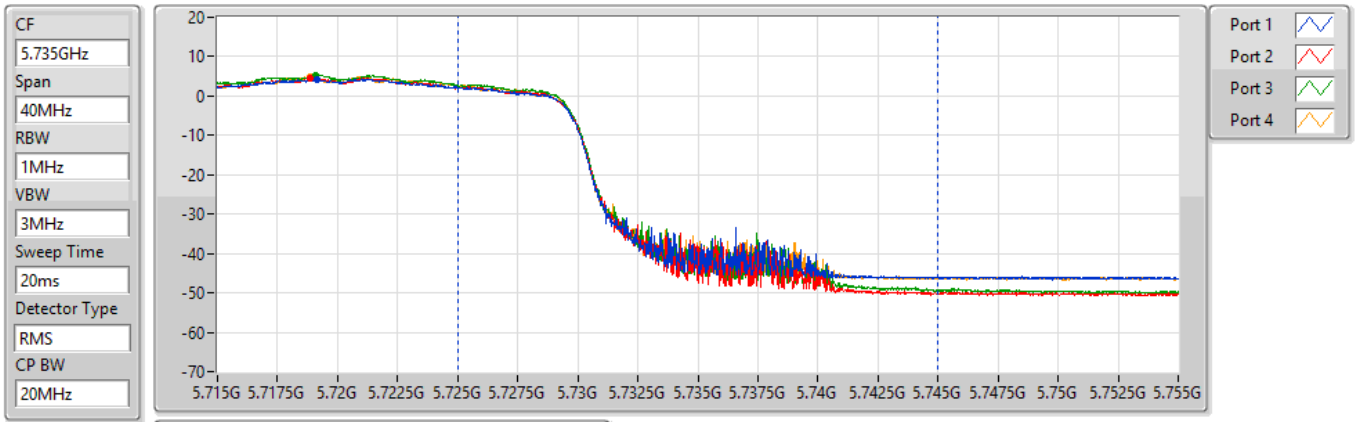


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.35	14.02	14.03	14.78	14.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

10/10/2021

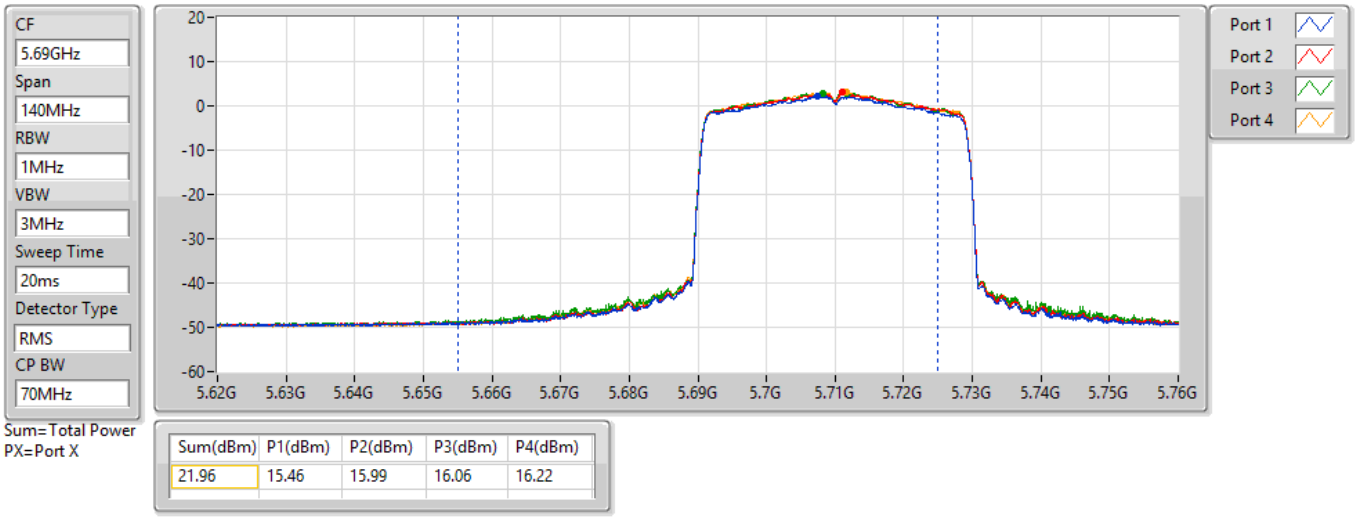


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.64	7.25	7.43	8.06	7.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

20/10/2021

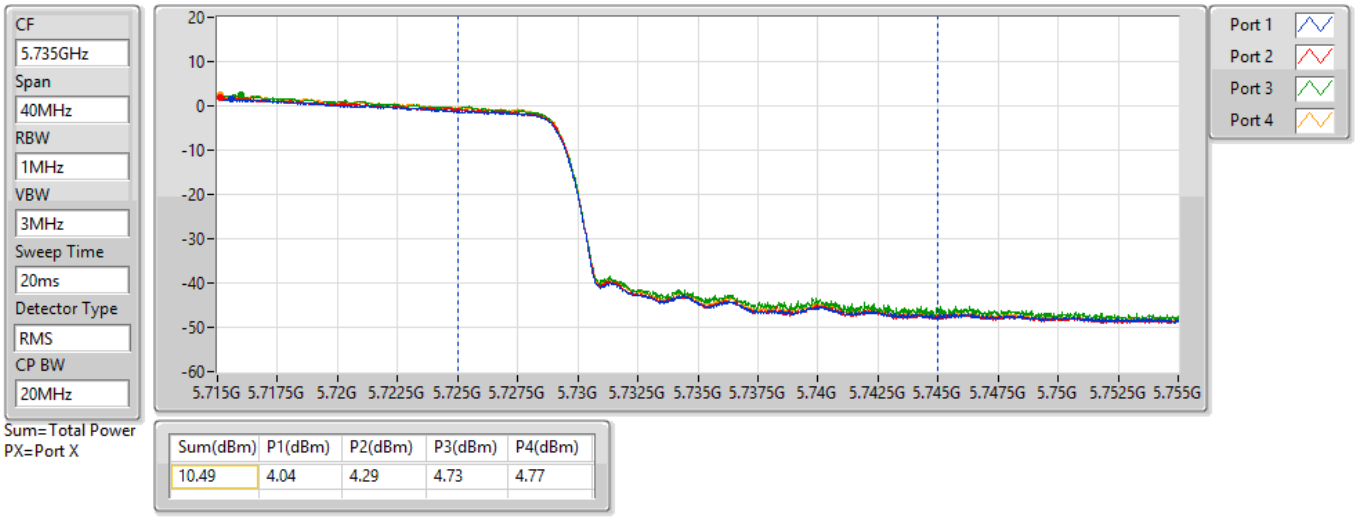


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.96	15.46	15.99	16.06	16.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

20/10/2021

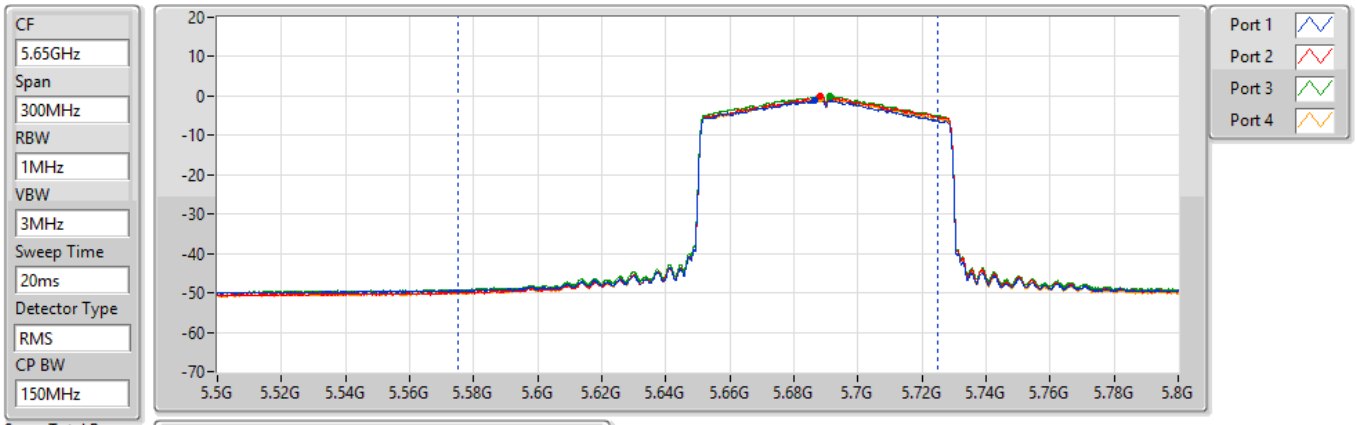


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.49	4.04	4.29	4.73	4.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

20/10/2021



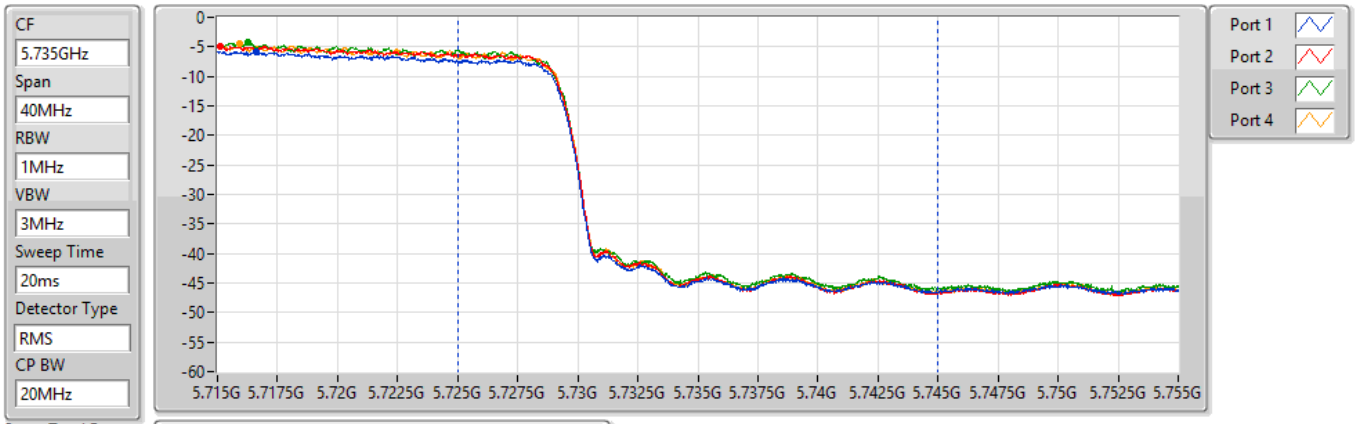
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.70	15.17	15.79	16.22	15.45

802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

20/10/2021



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.92	-1.89	-0.95	-0.71	-0.93

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.89
802.11ax HEW20_Nss1,(MCS0)_4TX	9.80
802.11ax HEW40_Nss1,(MCS0)_4TX	7.89
802.11ax HEW80_Nss1,(MCS0)_4TX	4.98
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.14
802.11ax HEW20_Nss1,(MCS0)_4TX	9.11
802.11ax HEW40_Nss1,(MCS0)_4TX	9.04
802.11ax HEW80_Nss1,(MCS0)_4TX	5.88
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.45
802.11ax HEW20_Nss1,(MCS0)_4TX	5.62
802.11ax HEW40_Nss1,(MCS0)_4TX	4.17
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.16

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

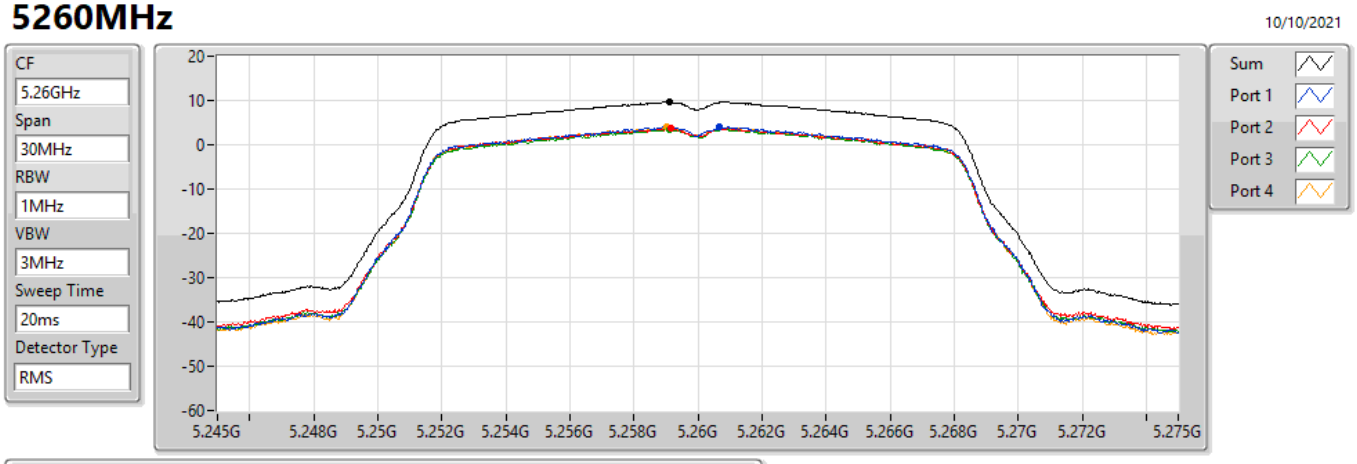
Result

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.08	4.03	3.70	3.46	3.97	9.73	9.92
5300MHz	Pass	7.08	3.30	3.45	3.57	3.88	9.48	9.92
5320MHz	Pass	7.08	3.67	3.76	3.91	4.44	9.89	9.92
5500MHz	Pass	7.85	2.61	2.72	3.17	2.91	8.75	9.15
5580MHz	Pass	7.85	2.90	2.50	3.45	2.83	8.85	9.15
5700MHz	Pass	7.85	2.51	2.55	3.33	2.85	8.72	9.15
5720MHz Straddle 5.47-5.725GHz	Pass	7.85	3.04	3.02	3.58	3.38	9.14	9.15
5720MHz Straddle 5.725-5.85GHz	Pass	8.10	-0.89	-0.78	-0.11	-0.56	5.45	27.90
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.08	3.90	3.92	3.88	4.18	9.79	9.92
5300MHz	Pass	7.08	3.63	3.84	4.08	4.01	9.80	9.92
5320MHz	Pass	7.08	3.69	3.59	3.80	3.90	9.56	9.92
5500MHz	Pass	7.85	2.74	2.56	3.13	2.72	8.67	9.15
5580MHz	Pass	7.85	3.25	2.43	3.92	3.18	9.10	9.15
5700MHz	Pass	7.85	2.67	2.48	3.28	2.97	8.68	9.15
5720MHz Straddle 5.47-5.725GHz	Pass	7.85	2.99	3.00	3.67	3.22	9.11	9.15
5720MHz Straddle 5.725-5.85GHz	Pass	8.10	-0.80	-0.42	0.15	-0.30	5.62	27.90
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.08	1.87	1.50	1.29	1.56	7.38	9.92
5310MHz	Pass	7.08	1.71	1.83	2.15	2.16	7.89	9.92
5510MHz	Pass	7.85	2.24	2.13	2.76	2.39	8.16	9.15
5550MHz	Pass	7.85	2.04	2.32	2.79	2.17	8.15	9.15
5670MHz	Pass	7.85	1.69	1.92	2.69	2.24	7.99	9.15
5710MHz Straddle 5.47-5.725GHz	Pass	7.85	3.25	2.93	3.71	3.47	9.04	9.15
5710MHz Straddle 5.725-5.85GHz	Pass	8.10	-2.08	-1.45	-1.45	-1.77	4.17	27.90
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.08	-0.85	-0.79	-1.13	-0.94	4.98	9.92
5530MHz	Pass	7.85	-0.08	-0.45	-0.18	-0.61	5.53	9.15
5610MHz	Pass	7.85	-0.29	-0.73	0.27	-0.53	5.51	9.15
5690MHz Straddle 5.47-5.725GHz	Pass	7.85	-0.75	0.02	0.33	0.15	5.88	9.15
5690MHz Straddle 5.725-5.85GHz	Pass	8.10	-6.76	-5.57	-5.82	-5.68	-0.16	27.90

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

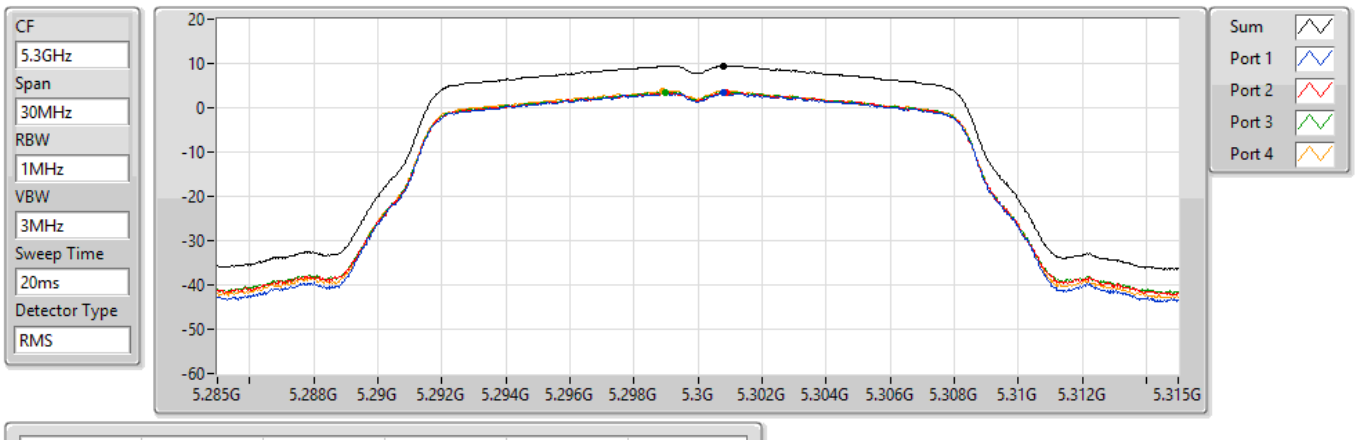
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	4.03	3.70	3.46	3.97

802.11a_Nss1,(6Mbps)_4TX PSD

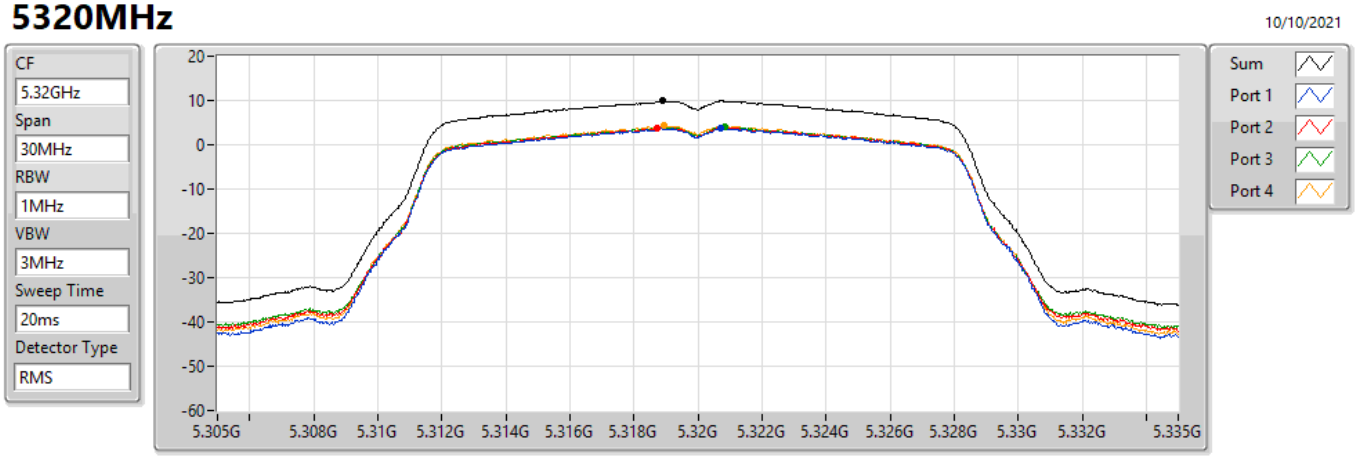
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	3.30	3.45	3.57	3.88

802.11a_Nss1,(6Mbps)_4TX PSD

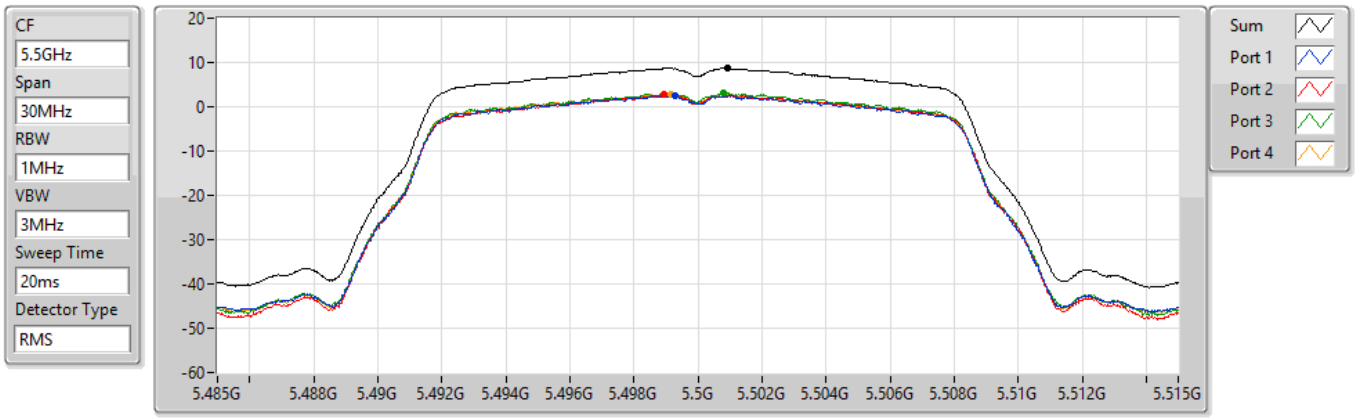
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.89	9.89	3.67	3.76	3.91	4.44

802.11a_Nss1,(6Mbps)_4TX PSD

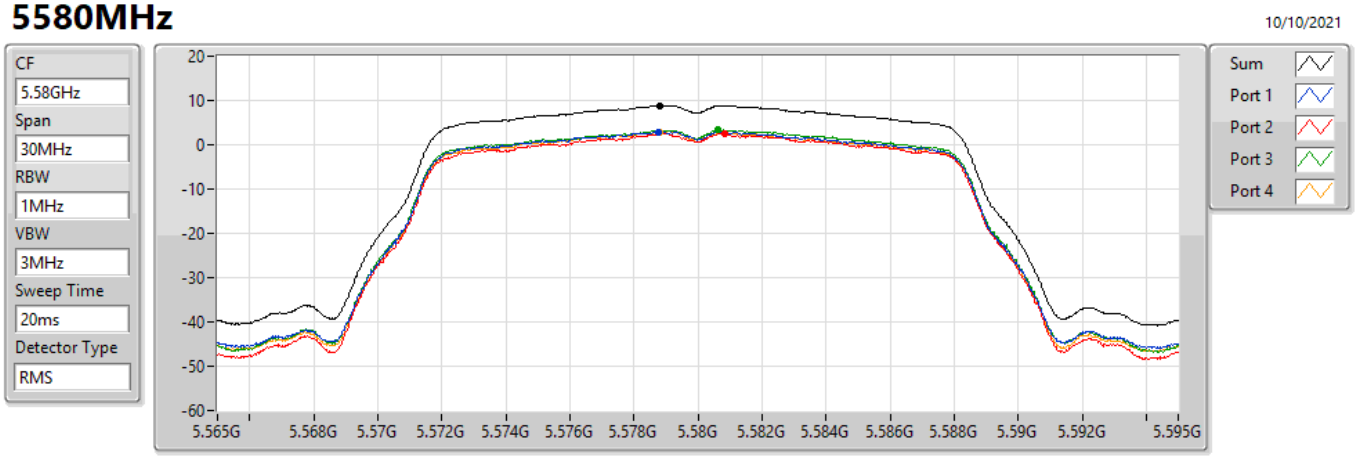
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	2.61	2.72	3.17	2.91

802.11a_Nss1,(6Mbps)_4TX PSD

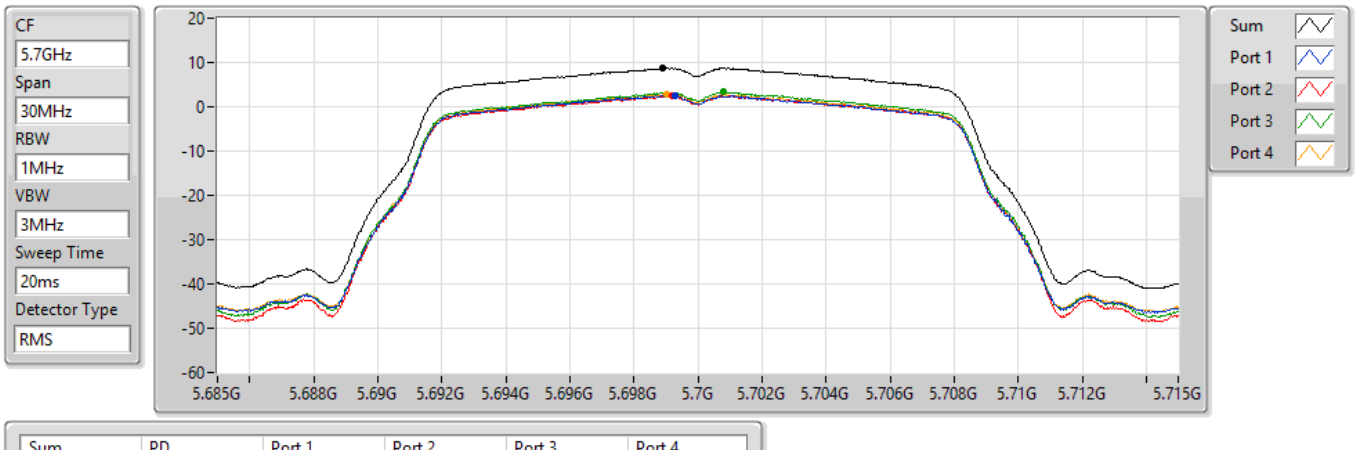
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	2.90	2.50	3.45	2.83

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

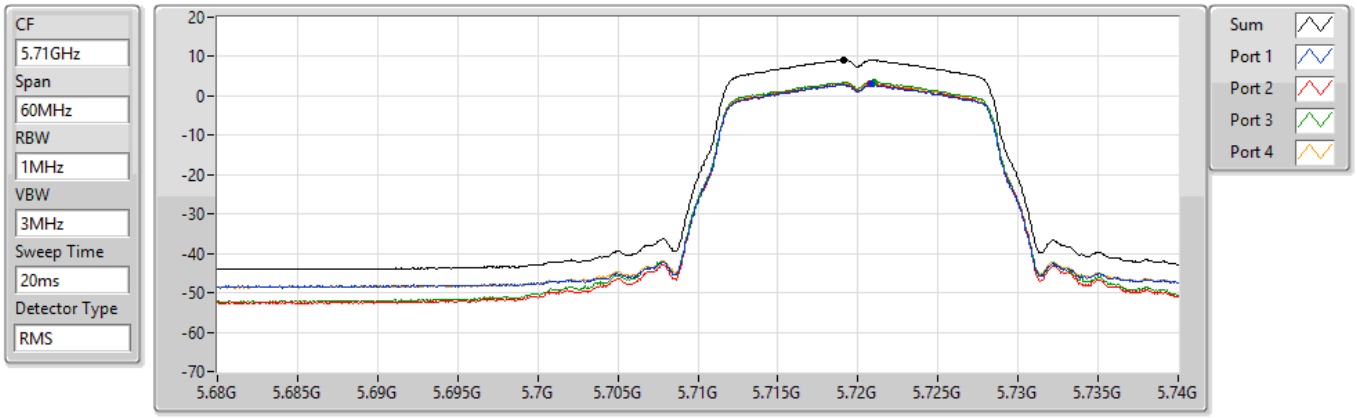


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	2.51	2.55	3.33	2.85

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

10/10/2021

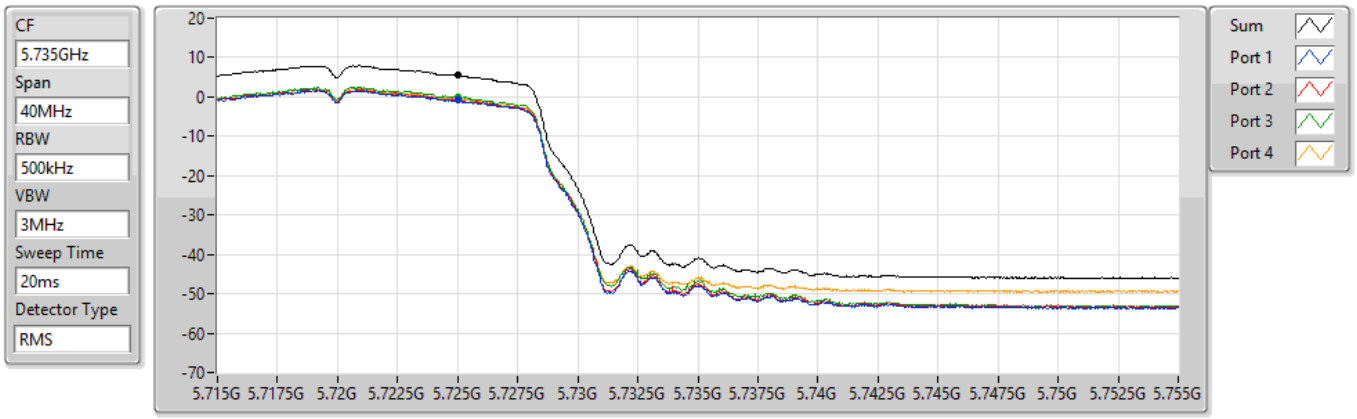


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	3.04	3.02	3.58	3.38

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

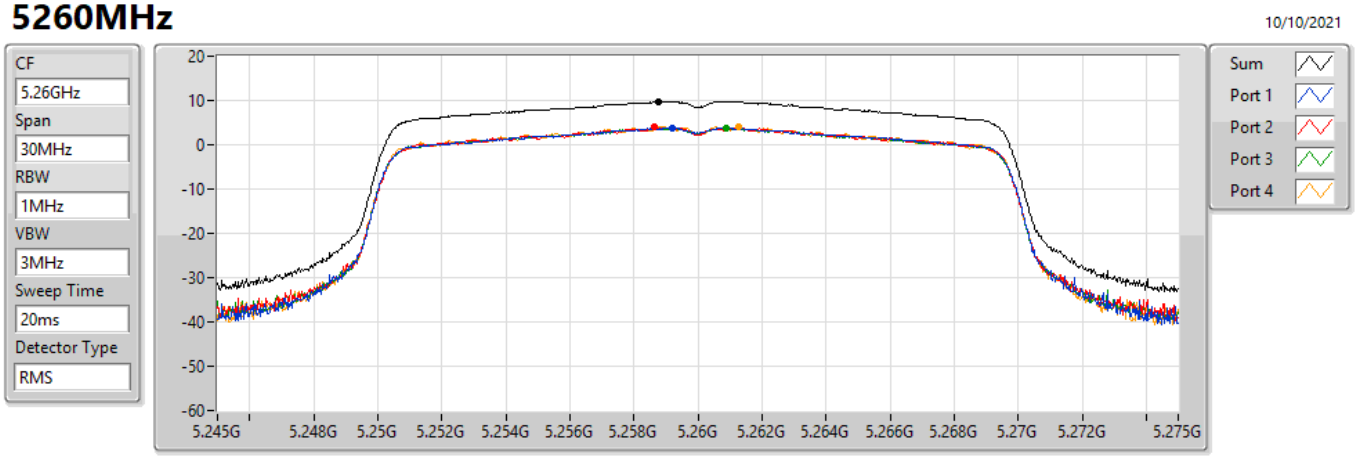
10/10/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	-0.89	-0.78	-0.11	-0.56

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

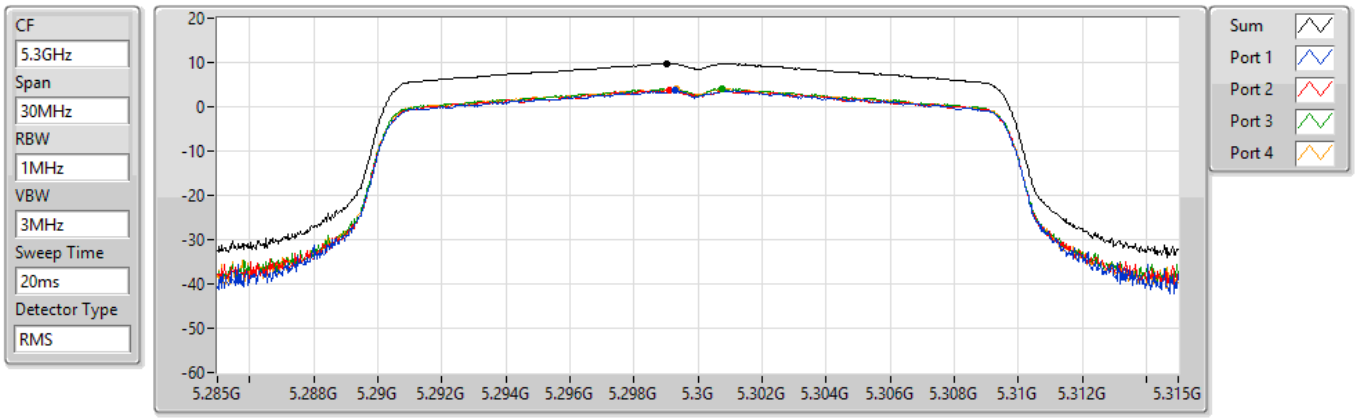
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	3.90	3.92	3.88	4.18

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

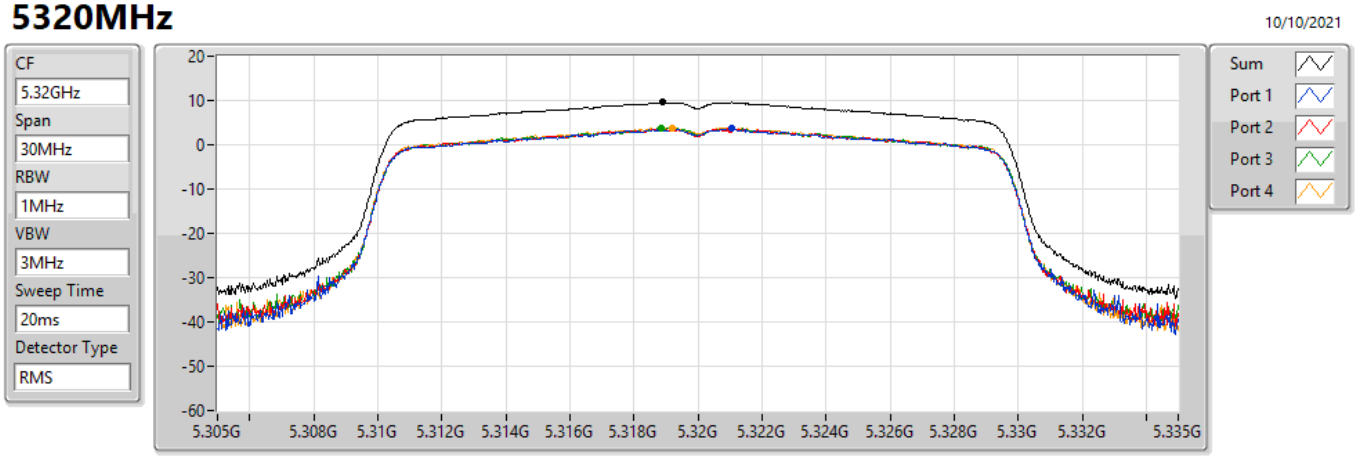
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	3.63	3.84	4.08	4.01

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

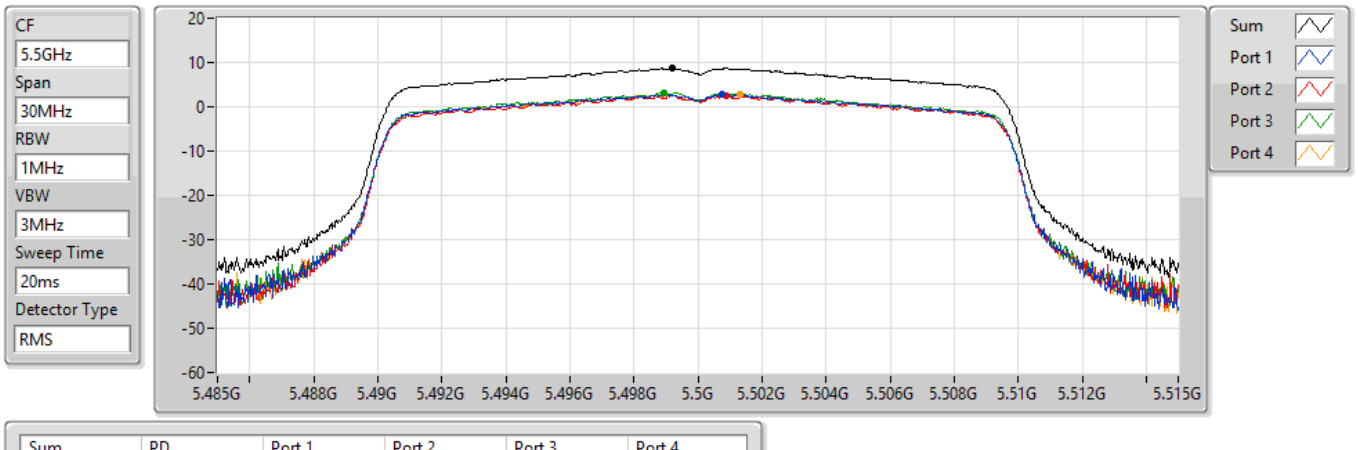
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	3.69	3.59	3.80	3.90

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

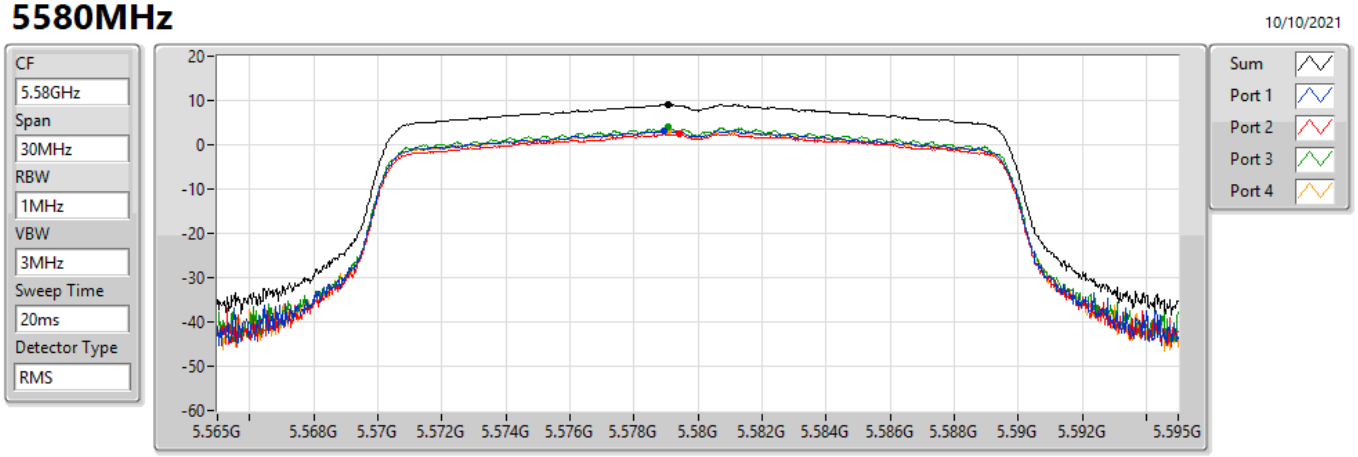
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.67	8.67	2.74	2.56	3.13	2.72

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

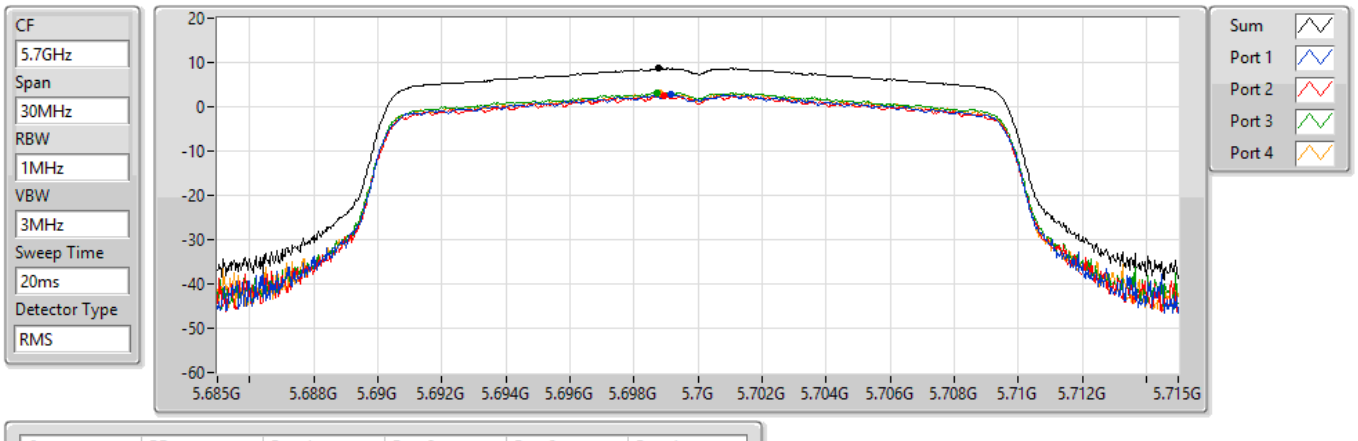
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.10	9.10	3.25	2.43	3.92	3.18

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

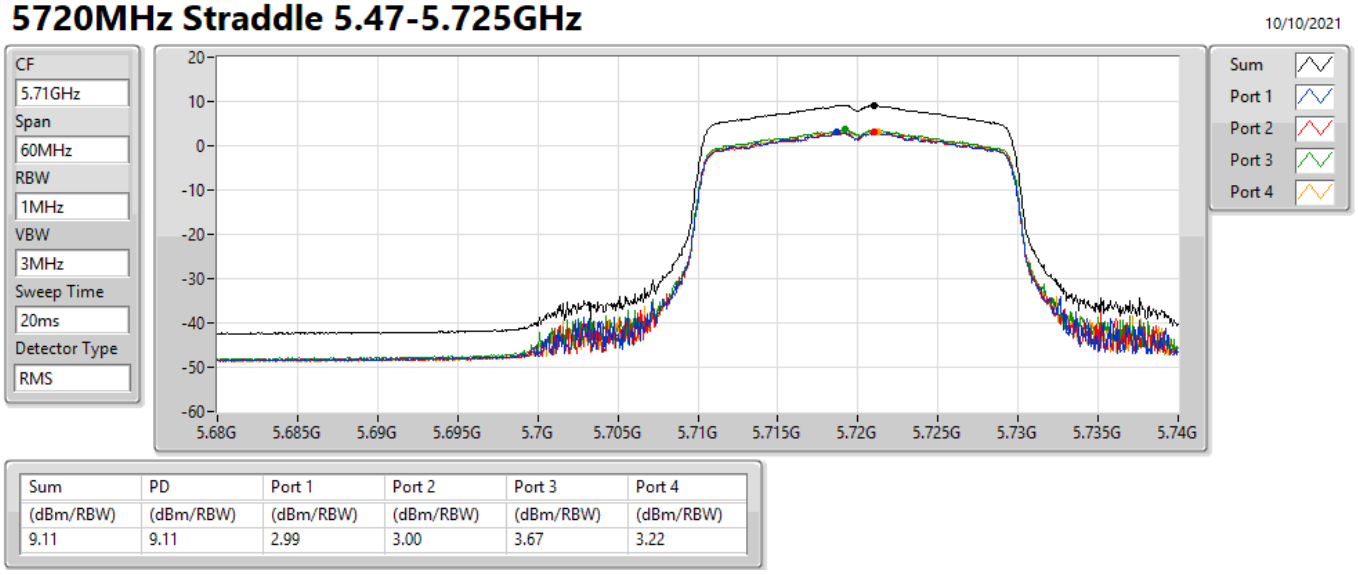
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.68	8.68	2.67	2.48	3.28	2.97

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

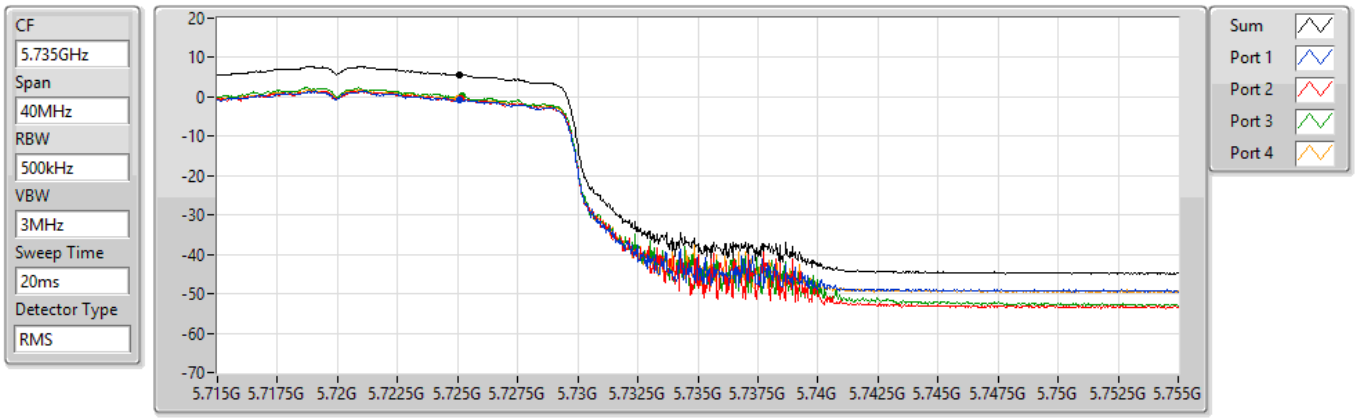
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	2.99	3.00	3.67	3.22

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

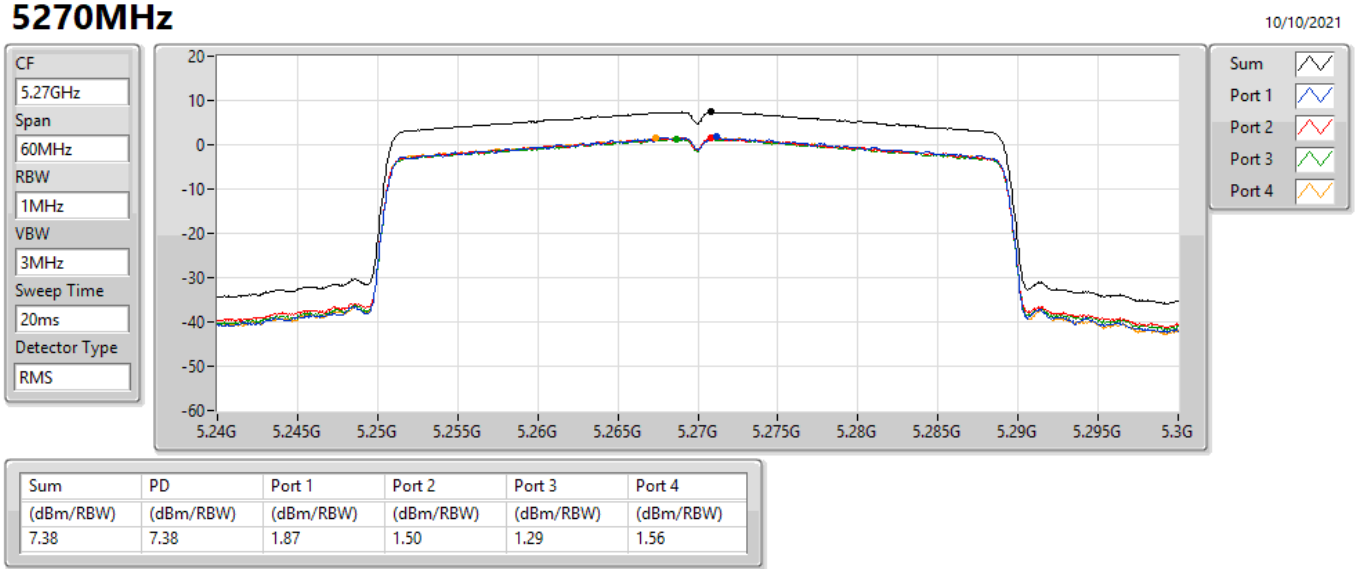
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	-0.80	-0.42	0.15	-0.30

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

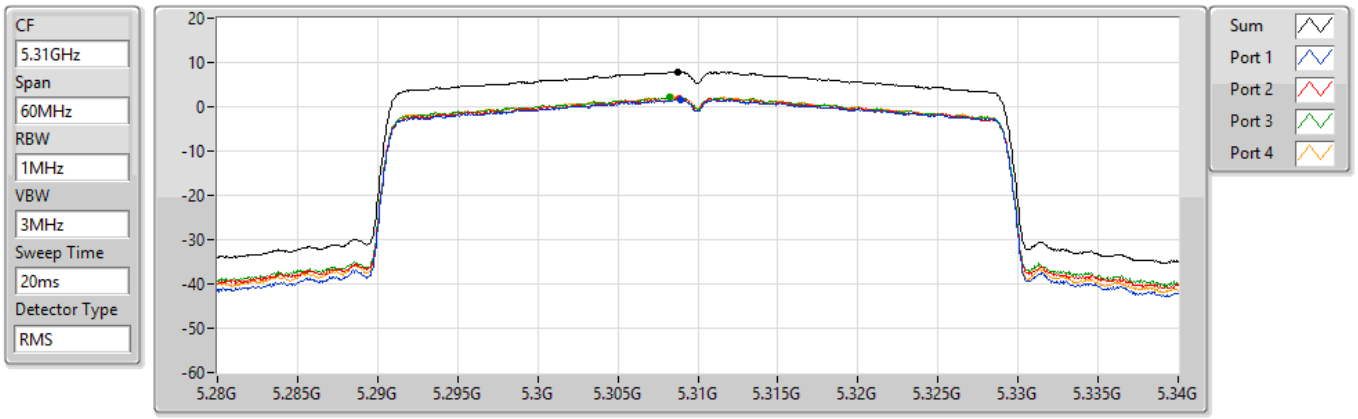
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	1.87	1.50	1.29	1.56

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

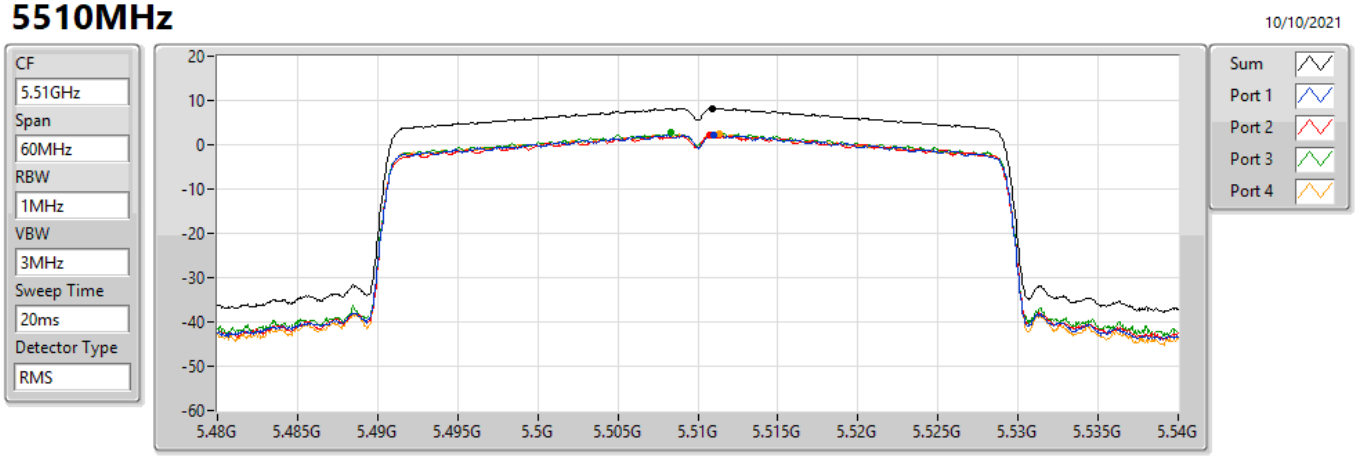
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	1.71	1.83	2.15	2.16

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

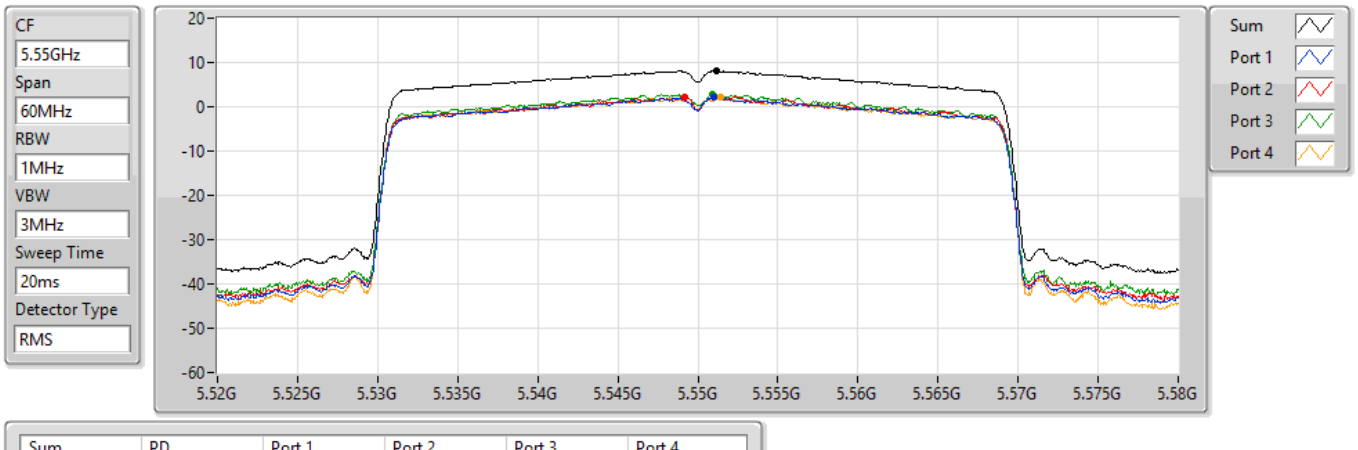
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	2.24	2.13	2.76	2.39

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

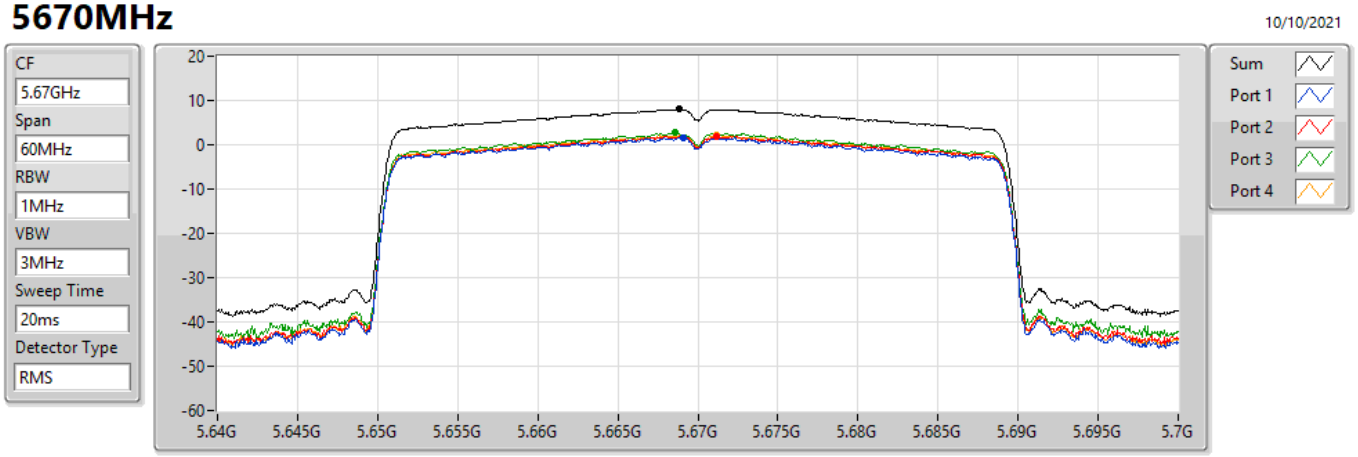
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	2.04	2.32	2.79	2.17

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

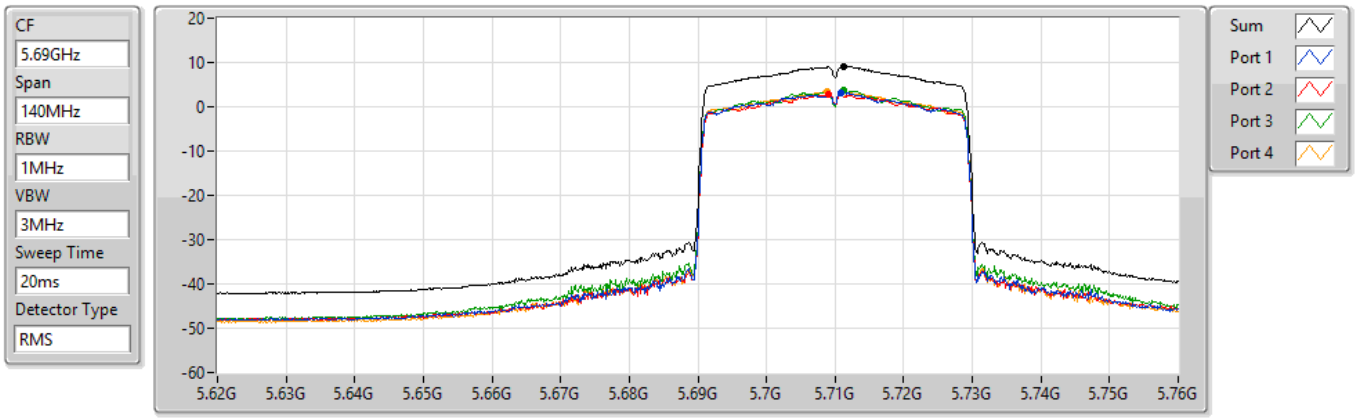
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	1.69	1.92	2.69	2.24

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

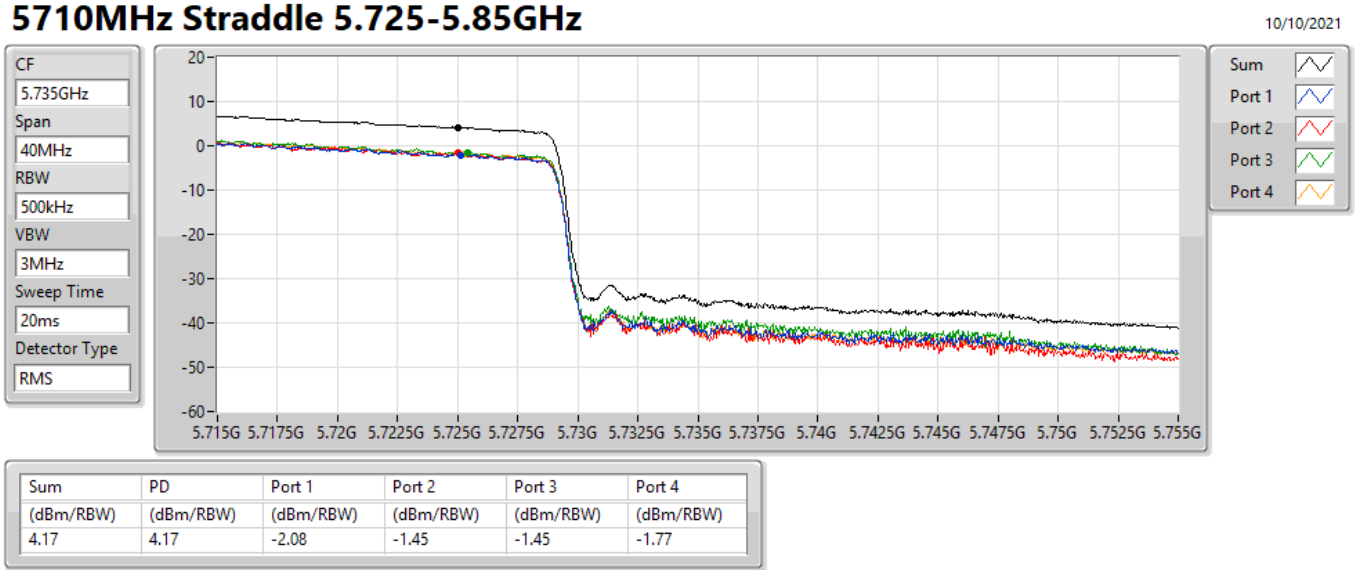
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	3.25	2.93	3.71	3.47

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

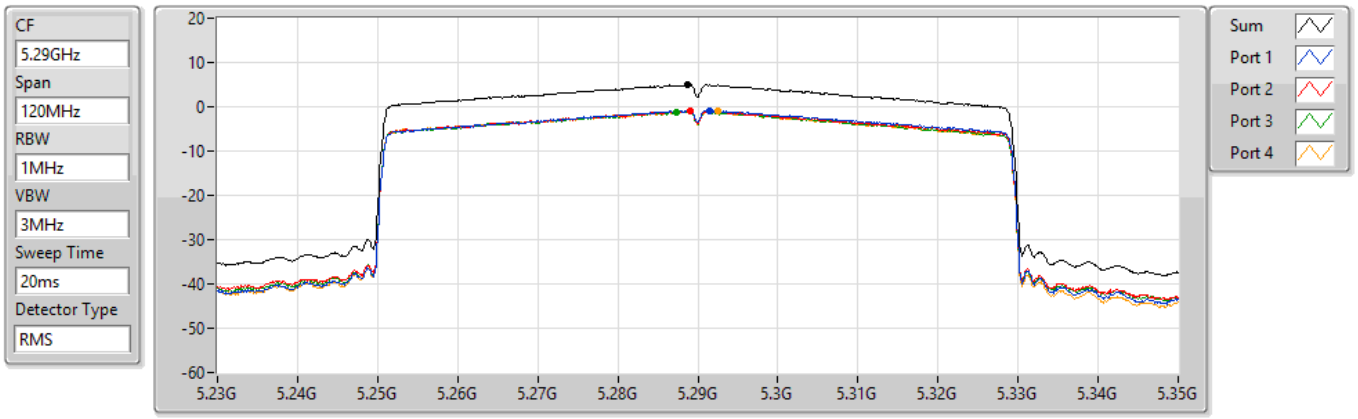
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	-2.08	-1.45	-1.45	-1.77

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

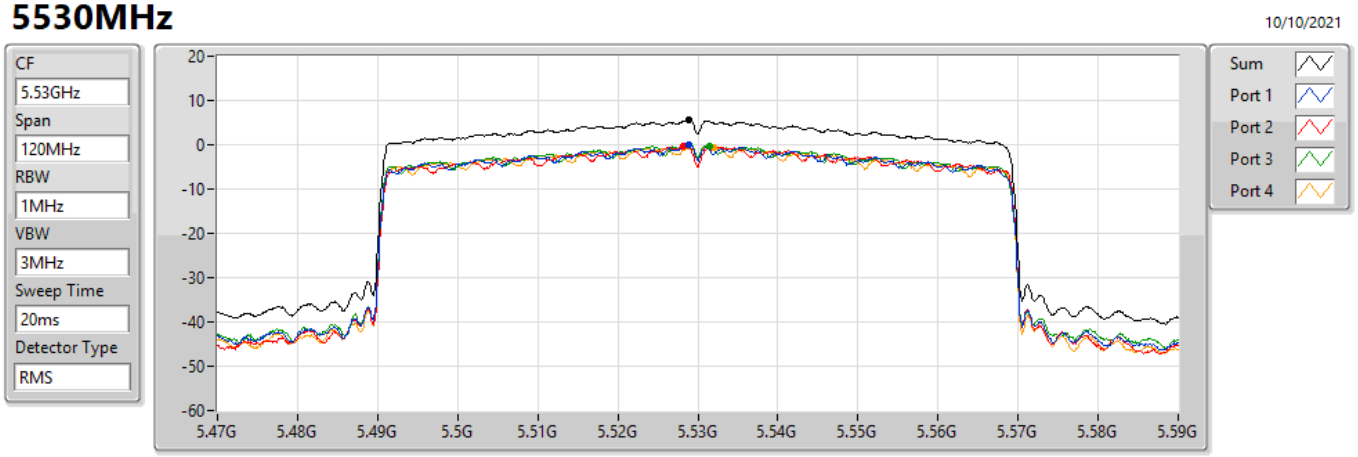
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	-0.85	-0.79	-1.13	-0.94

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

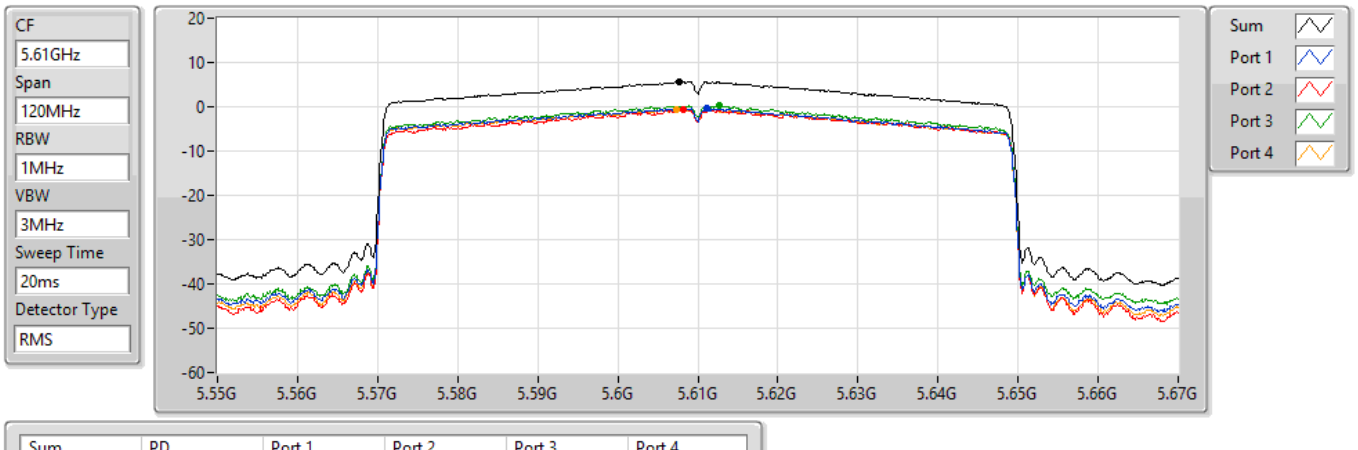
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	-0.08	-0.45	-0.18	-0.61

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

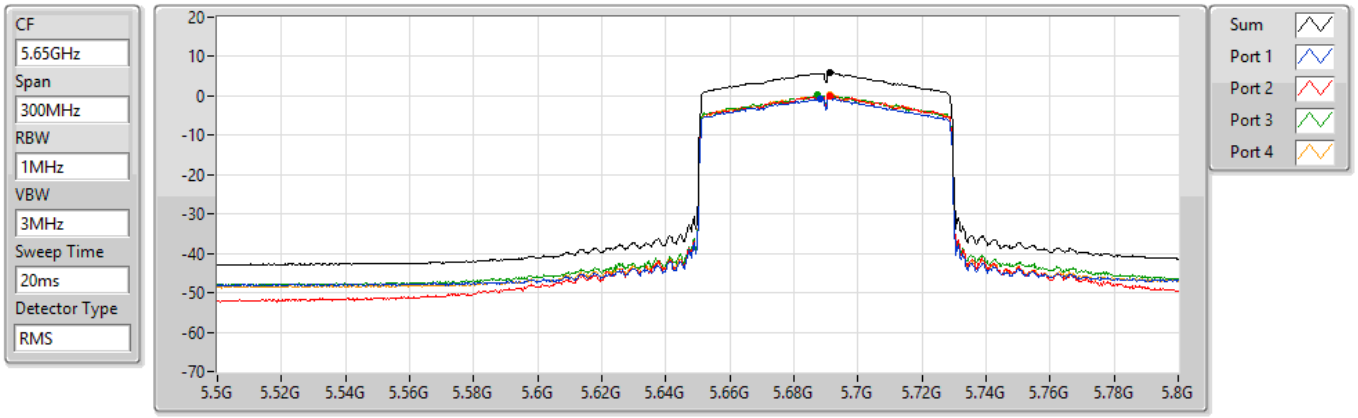


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	-0.29	-0.73	0.27	-0.53

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

10/10/2021

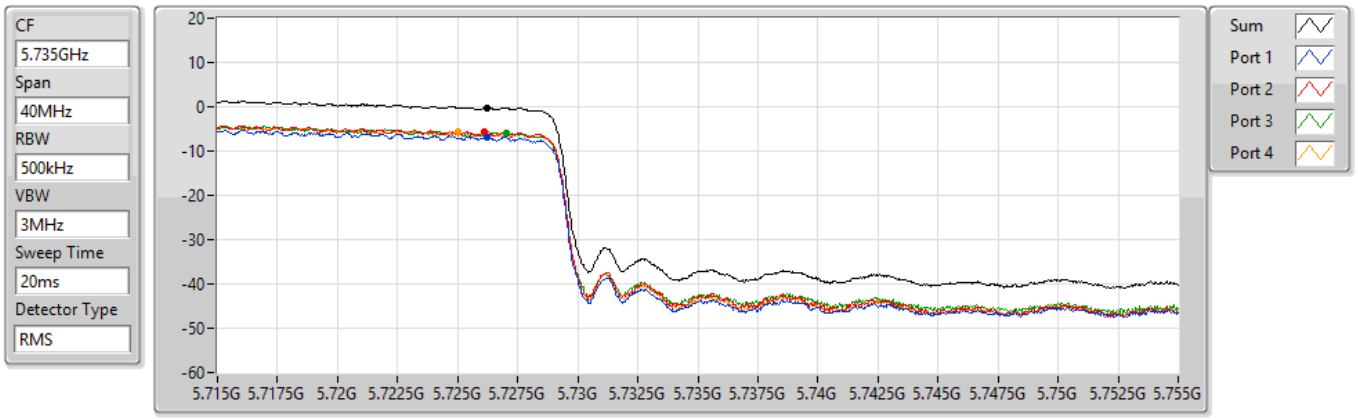


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	-0.75	0.02	0.33	0.15

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

10/10/2021



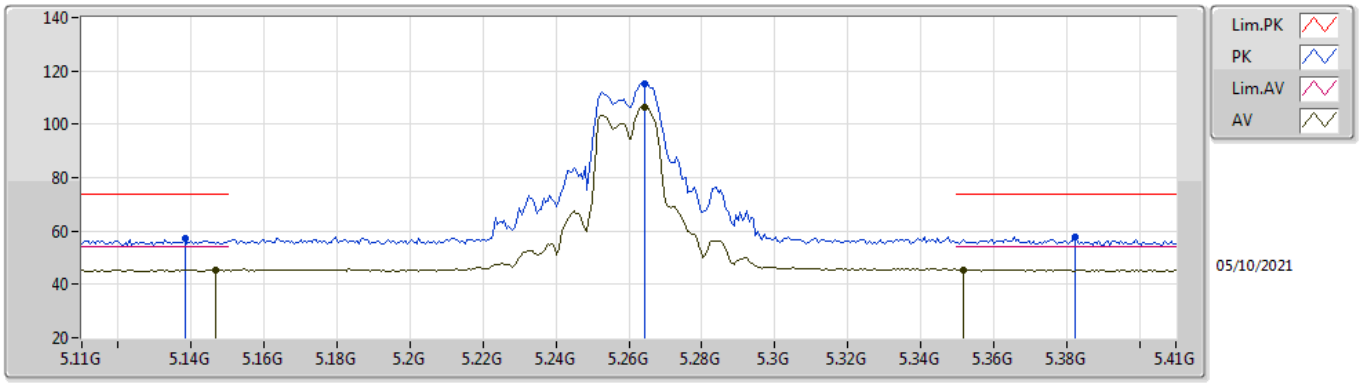
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-6.76	-5.57	-5.82	-5.68

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.35G	52.99	54.00	-1.01	3	Vertical	108	1.60	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

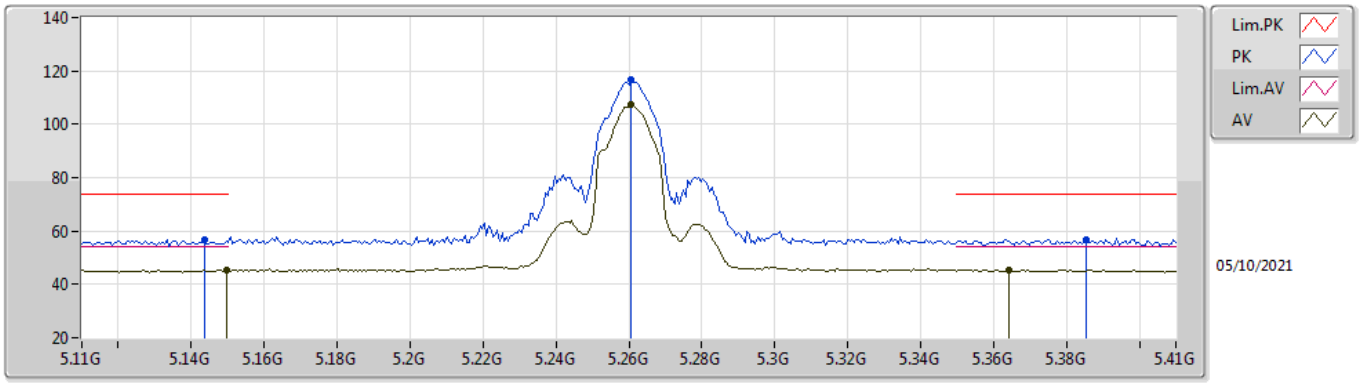


EUT Y_4TX
Setting 16.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1382G	57.14	74.00	-16.86	50.55	3	Vertical	114	1.61	-	33.50	5.24	32.15
AV	5.1466G	45.33	54.00	-8.67	38.73	3	Vertical	114	1.61	-	33.50	5.25	32.15
PK	5.2642G	114.94	Inf	-Inf	108.12	3	Vertical	114	1.61	-	33.63	5.33	32.14
AV	5.2642G	106.20	Inf	-Inf	99.38	3	Vertical	114	1.61	-	33.63	5.33	32.14
PK	5.3824G	57.89	74.00	-16.11	50.88	3	Vertical	114	1.61	-	33.76	5.39	32.14
AV	5.3518G	45.30	54.00	-8.70	38.36	3	Vertical	114	1.61	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

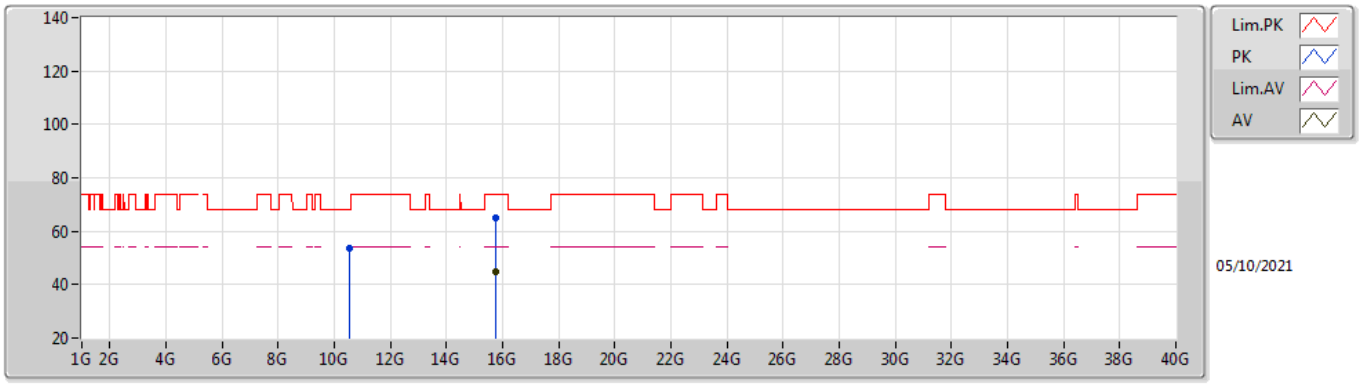


EUT Y_4TX
Setting 16.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1436G	56.62	74.00	-17.38	50.03	3	Horizontal	109	1.70	-	33.50	5.24	32.15
AV	5.1496G	45.33	54.00	-8.67	38.73	3	Horizontal	109	1.70	-	33.50	5.25	32.15
PK	5.2606G	116.59	Inf	-Inf	109.78	3	Horizontal	109	1.70	-	33.62	5.33	32.14
AV	5.2606G	107.26	Inf	-Inf	100.45	3	Horizontal	109	1.70	-	33.62	5.33	32.14
PK	5.3854G	56.86	74.00	-17.14	49.84	3	Horizontal	109	1.70	-	33.77	5.39	32.14
AV	5.3644G	45.35	54.00	-8.65	38.38	3	Horizontal	109	1.70	-	33.73	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

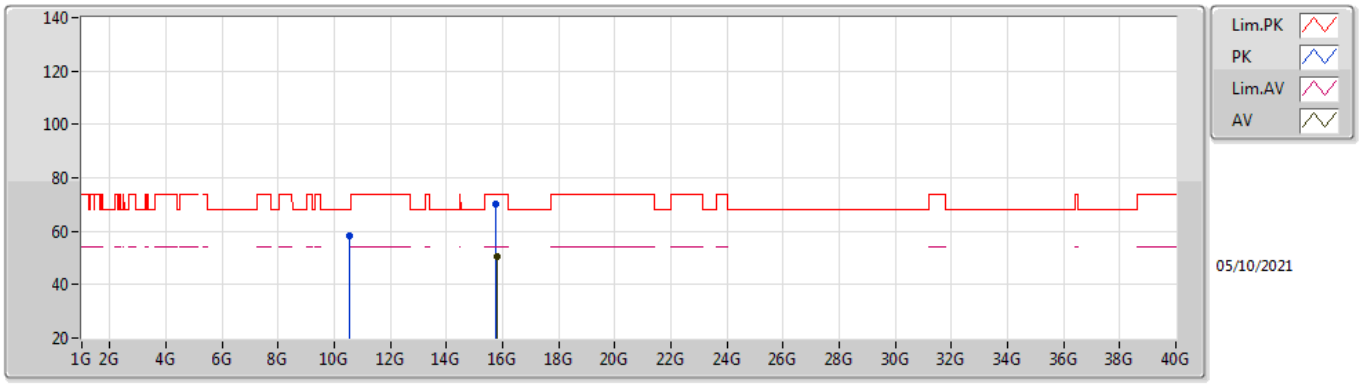


EUT Y_4TX
Setting 16.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5181G	53.67	68.20	-14.53	40.80	3	Vertical	214	1.78	-	38.42	7.51	33.06
PK	15.7779G	65.20	74.00	-8.80	51.38	3	Vertical	191	1.77	-	37.40	9.90	33.48
AV	15.7767G	44.75	54.00	-9.25	30.93	3	Vertical	191	1.77	-	37.40	9.90	33.48

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

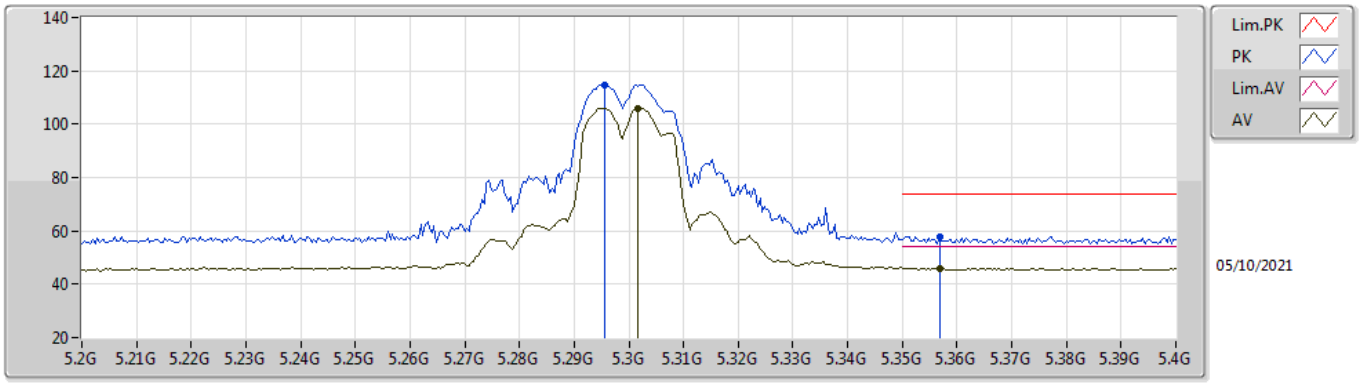


EUT Y_4TX
Setting 16.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5171G	58.13	68.20	-10.07	45.26	3	Horizontal	230	1.57	-	38.42	7.51	33.06
PK	15.7761G	70.36	74.00	-3.64	56.54	3	Horizontal	210	3.00	-	37.40	9.90	33.48
AV	15.7817G	50.58	54.00	-3.42	36.76	3	Horizontal	210	3.00	-	37.40	9.90	33.48

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

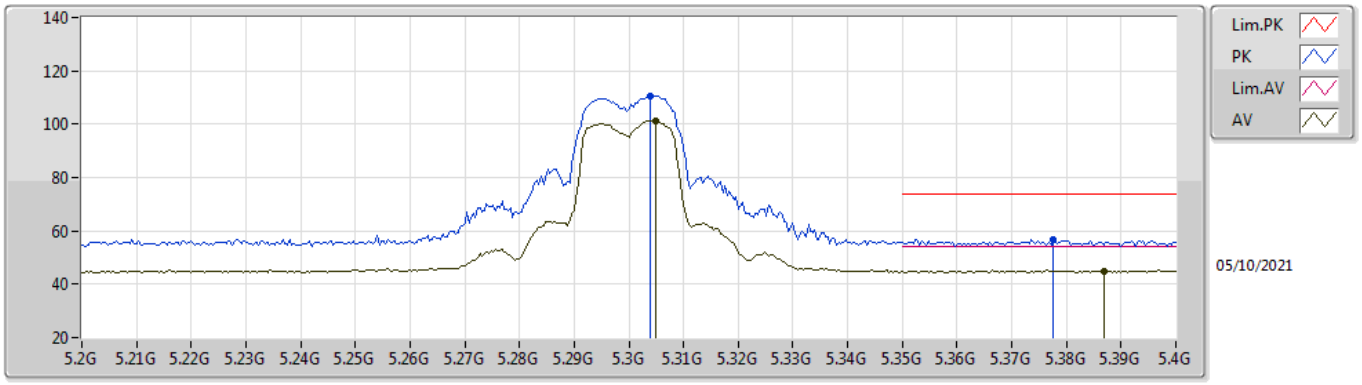


EUT Y_4TX
Setting 16
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2956G	114.59	Inf	-Inf	107.69	3	Vertical	113	1.54	-	33.69	5.35	32.14
AV	5.3016G	105.80	Inf	-Inf	98.89	3	Vertical	113	1.54	-	33.70	5.35	32.14
PK	5.3568G	57.91	74.00	-16.09	50.96	3	Vertical	113	1.54	-	33.71	5.38	32.14
AV	5.3568G	45.85	54.00	-8.15	38.90	3	Vertical	113	1.54	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

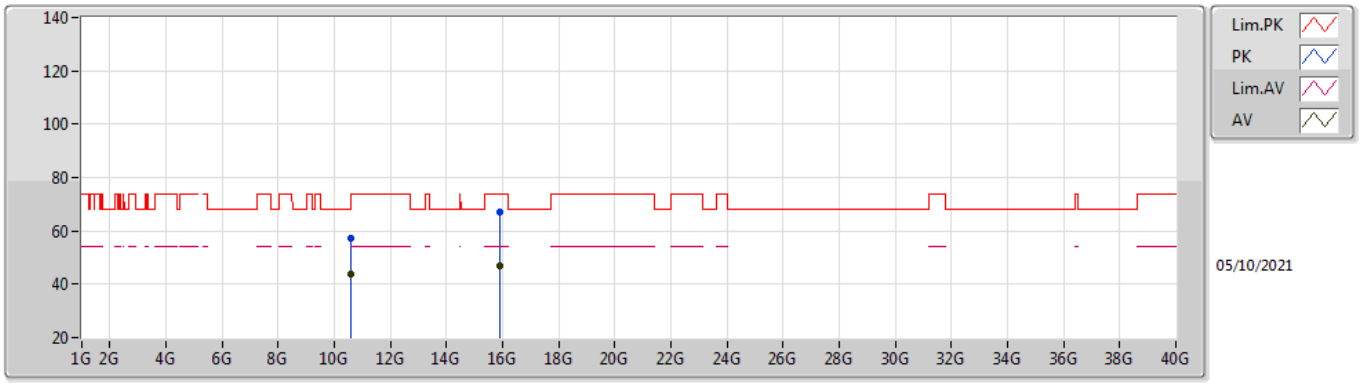


EUT Y_4TX
Setting 16
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.304G	110.41	Inf	-Inf	103.50	3	Horizontal	323	2.79	-	33.70	5.35	32.14
AV	5.3048G	101.13	Inf	-Inf	94.22	3	Horizontal	323	2.79	-	33.70	5.35	32.14
PK	5.3776G	56.86	74.00	-17.14	49.85	3	Horizontal	323	2.79	-	33.76	5.39	32.14
AV	5.3868G	45.00	54.00	-9.00	37.98	3	Horizontal	323	2.79	-	33.77	5.39	32.14

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

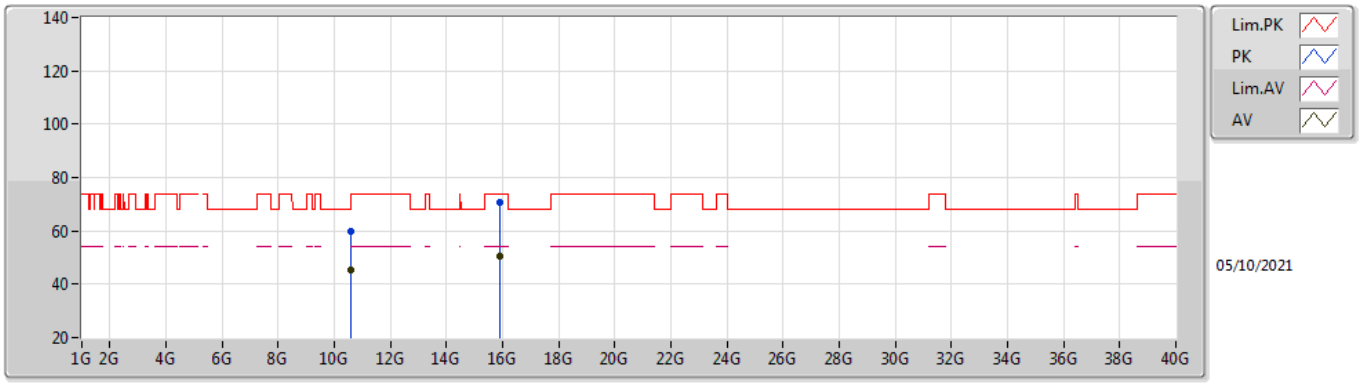


EUT Y_4TX
Setting 16
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60068G	57.32	74.00	-16.68	44.37	3	Vertical	214	1.80	-	38.50	7.54	33.09
AV	10.60157G	43.91	54.00	-10.09	30.96	3	Vertical	214	1.80	-	38.50	7.54	33.09
PK	15.8934G	67.01	74.00	-6.99	53.18	3	Vertical	182	1.83	-	37.49	9.95	33.61
AV	15.895G	46.78	54.00	-7.22	32.96	3	Vertical	182	1.83	-	37.49	9.95	33.62

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

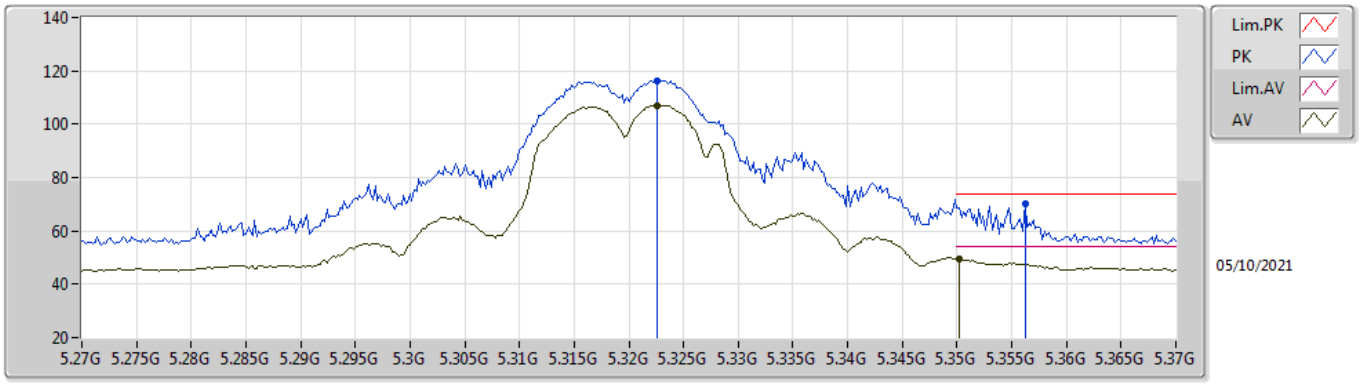


EUT Y_4TX
Setting 16
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60452G	59.65	74.00	-14.35	46.71	3	Horizontal	209	1.86	-	38.50	7.54	33.10
AV	10.60142G	45.43	54.00	-8.57	32.48	3	Horizontal	209	1.86	-	38.50	7.54	33.09
PK	15.8994G	70.80	74.00	-3.20	56.97	3	Horizontal	215	2.97	-	37.50	9.95	33.62
AV	15.8985G	50.48	54.00	-3.52	36.65	3	Horizontal	215	2.97	-	37.50	9.95	33.62

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

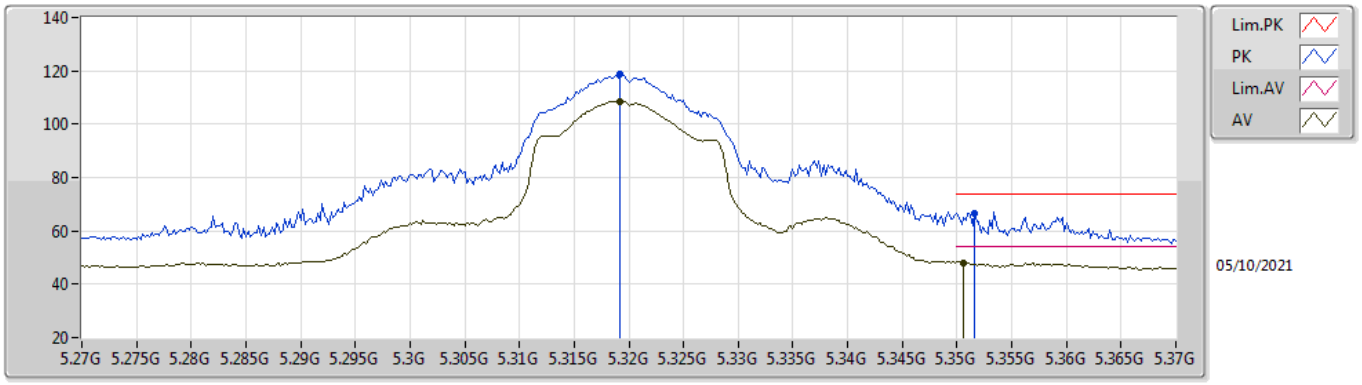


EUT Y_4TX
Setting 16
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3226G	116.07	Inf	-Inf	109.15	3	Vertical	358	3.00	-	33.70	5.36	32.14
AV	5.3226G	106.78	Inf	-Inf	99.86	3	Vertical	358	3.00	-	33.70	5.36	32.14
PK	5.3562G	70.16	74.00	-3.84	63.21	3	Vertical	358	3.00	-	33.71	5.38	32.14
AV	5.3502G	49.31	54.00	-4.69	42.37	3	Vertical	358	3.00	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

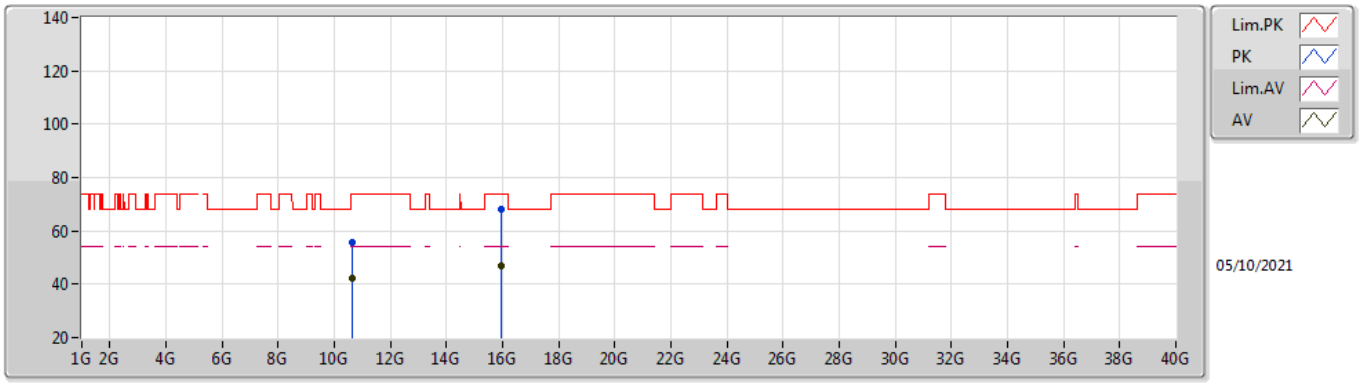


EUT Y_4TX
Setting 16
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3192G	118.56	Inf	-Inf	111.64	3	Horizontal	63	2.31	-	33.70	5.36	32.14
AV	5.3192G	108.50	Inf	-Inf	101.58	3	Horizontal	63	2.31	-	33.70	5.36	32.14
PK	5.3516G	66.69	74.00	-7.31	59.75	3	Horizontal	63	2.31	-	33.70	5.38	32.14
AV	5.3506G	47.95	54.00	-6.05	41.01	3	Horizontal	63	2.31	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

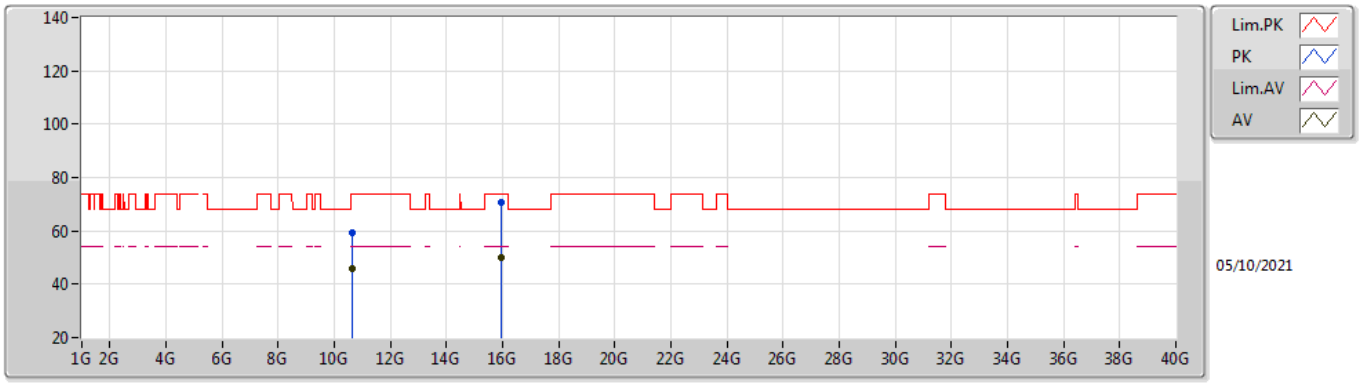


EUT Y_4TX
Setting 16
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6371G	55.45	74.00	-18.55	42.55	3	Vertical	194	1.80	-	38.46	7.55	33.11
AV	10.636G	42.47	54.00	-11.53	29.57	3	Vertical	194	1.80	-	38.46	7.55	33.11
PK	15.9561G	68.12	74.00	-5.88	54.39	3	Vertical	182	1.79	-	37.44	9.98	33.69
AV	15.9569G	46.78	54.00	-7.22	33.05	3	Vertical	182	1.79	-	37.44	9.98	33.69

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

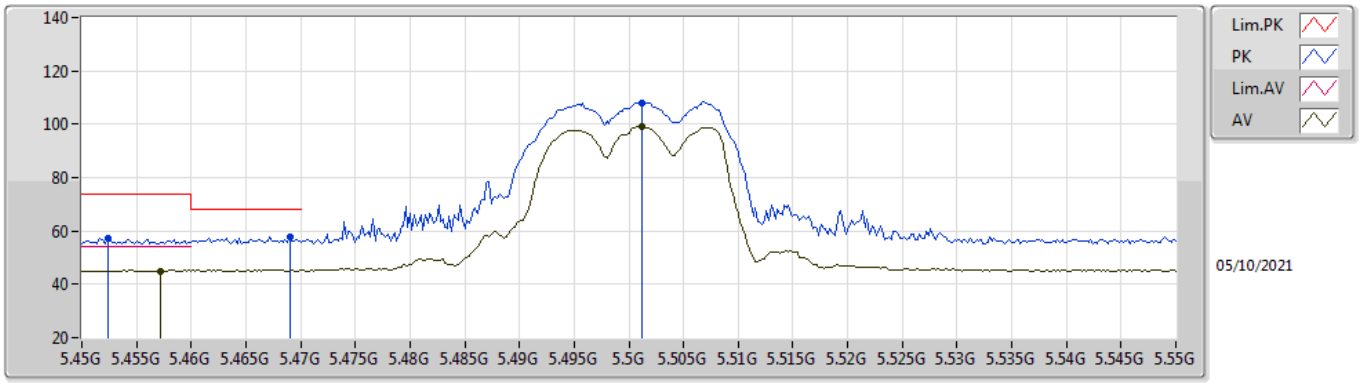


EUT Y_4TX
Setting 16
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6377G	59.13	74.00	-14.87	46.22	3	Horizontal	213	1.80	-	38.46	7.56	33.11
AV	10.6365G	45.91	54.00	-8.09	33.01	3	Horizontal	213	1.80	-	38.46	7.55	33.11
PK	15.9628G	70.85	74.00	-3.15	57.13	3	Horizontal	209	2.95	-	37.44	9.98	33.70
AV	15.9612G	50.13	54.00	-3.87	36.40	3	Horizontal	209	2.95	-	37.44	9.98	33.69

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

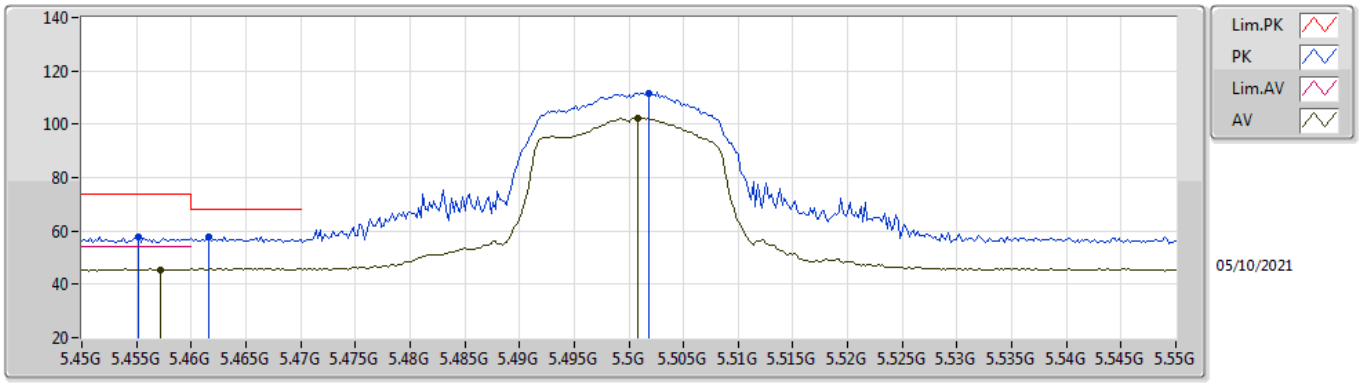


EUT Y_4TX
Setting 11.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4524G	57.08	74.00	-16.92	49.86	3	Vertical	221	1.53	-	33.90	5.45	32.13
AV	5.4572G	44.90	54.00	-9.10	37.67	3	Vertical	221	1.53	-	33.90	5.46	32.13
PK	5.469G	57.94	68.20	-10.26	50.70	3	Vertical	221	1.53	-	33.90	5.47	32.13
PK	5.5012G	107.92	Inf	-Inf	100.65	3	Vertical	221	1.53	-	33.90	5.50	32.13
AV	5.5012G	99.03	Inf	-Inf	91.76	3	Vertical	221	1.53	-	33.90	5.50	32.13

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

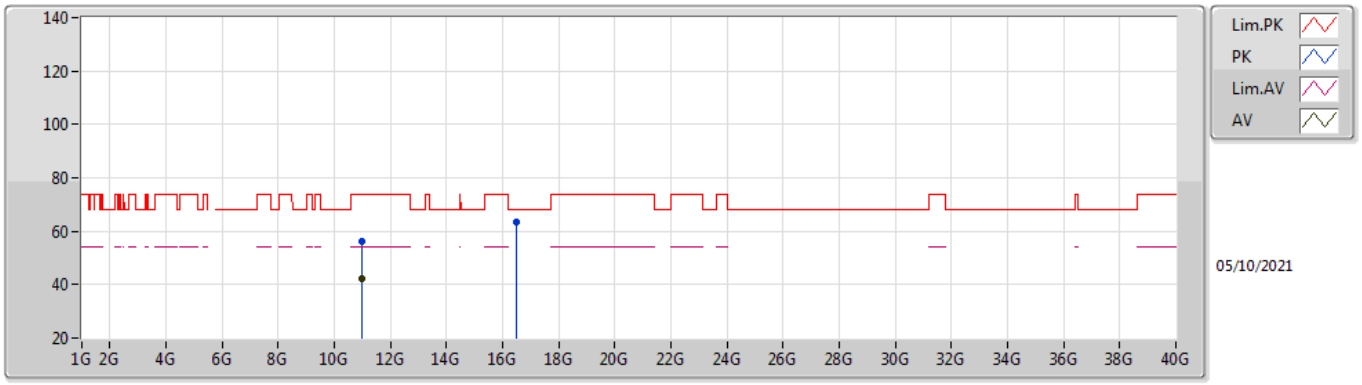


EUT Y_4TX
Setting 11.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4552G	57.65	74.00	-16.35	50.42	3	Horizontal	73.1	2.27	-	33.90	5.46	32.13
AV	5.4572G	45.42	54.00	-8.58	38.19	3	Horizontal	73.1	2.27	-	33.90	5.46	32.13
PK	5.4616G	57.88	68.20	-10.32	50.65	3	Horizontal	73.1	2.27	-	33.90	5.46	32.13
PK	5.5018G	111.74	Inf	-Inf	104.47	3	Horizontal	73.1	2.27	-	33.90	5.50	32.13
AV	5.5008G	102.11	Inf	-Inf	94.84	3	Horizontal	73.1	2.27	-	33.90	5.50	32.13

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

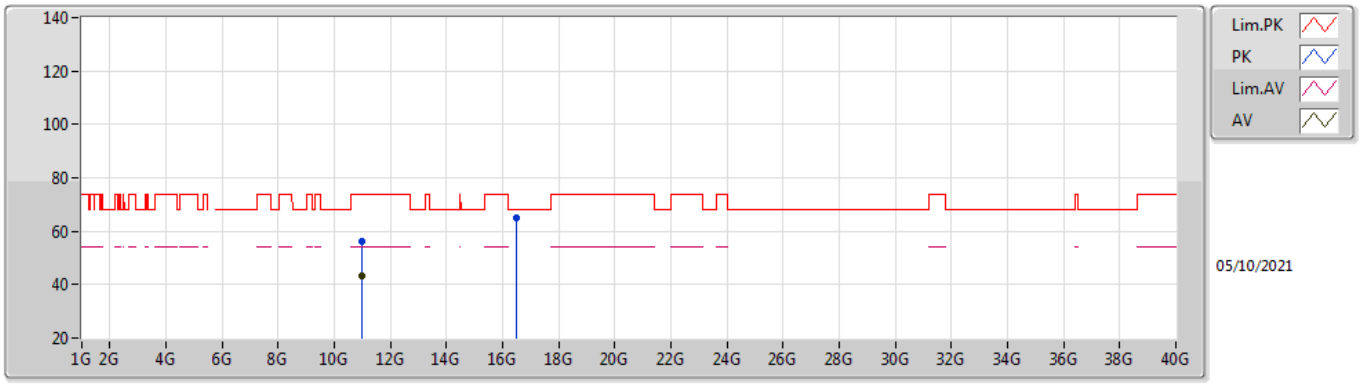


EUT Y_4TX
Setting 11.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0016G	55.95	74.00	-18.05	43.02	3	Vertical	189	2.34	-	38.50	7.70	33.27
AV	11.0021G	42.47	54.00	-11.53	29.54	3	Vertical	189	2.34	-	38.50	7.70	33.27
PK	16.5036G	63.27	68.20	-4.93	47.36	3	Vertical	176	1.83	-	38.73	10.25	33.07

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

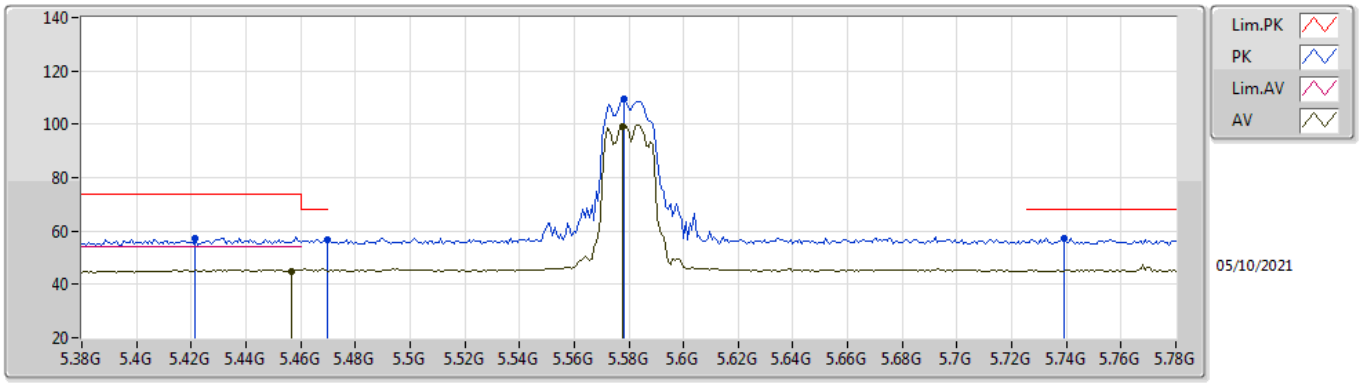


EUT Y_4TX
Setting 11.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0051G	56.26	74.00	-17.74	43.32	3	Horizontal	123	1.91	-	38.51	7.70	33.27
AV	11.0032G	43.48	54.00	-10.52	30.55	3	Horizontal	123	1.91	-	38.50	7.70	33.27
PK	16.4994G	64.76	68.20	-3.44	48.88	3	Horizontal	205	3.00	-	38.70	10.25	33.07

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

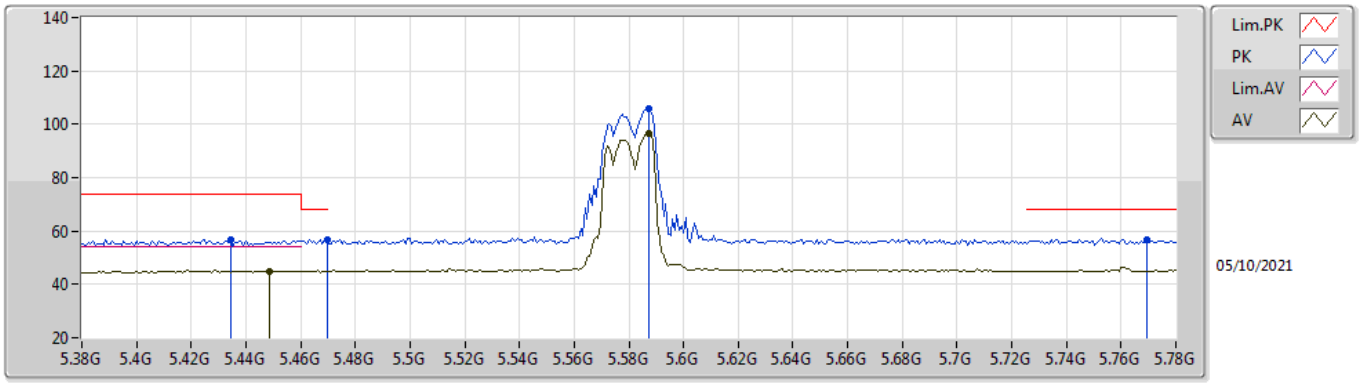


EUT Y_4TX
Setting 12
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4216G	57.24	74.00	-16.76	50.11	3	Vertical	1	2.76	-	33.84	5.42	32.13
PK	5.4696G	56.77	68.20	-11.43	49.53	3	Vertical	1	2.76	-	33.90	5.47	32.13
AV	5.4568G	45.08	54.00	-8.92	37.85	3	Vertical	1	2.76	-	33.90	5.46	32.13
PK	5.5784G	109.23	Inf	-Inf	101.88	3	Vertical	1	2.76	-	33.90	5.58	32.13
AV	5.5776G	99.39	Inf	-Inf	92.04	3	Vertical	1	2.76	-	33.90	5.58	32.13
PK	5.7392G	57.07	68.20	-11.13	49.83	3	Vertical	1	2.76	-	33.78	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

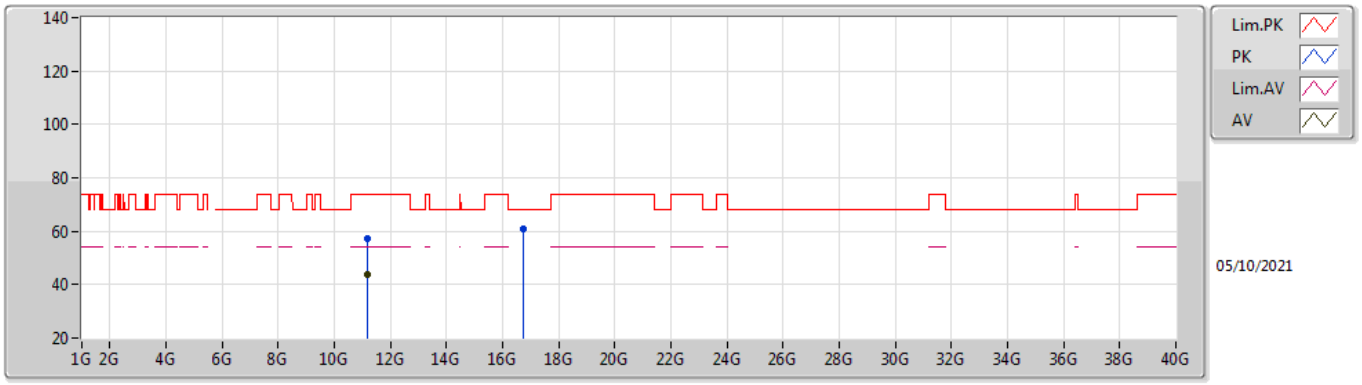


EUT Y_4TX
Setting 12
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4344G	56.71	74.00	-17.29	49.54	3	Horizontal	208	1.80	-	33.87	5.43	32.13
AV	5.4488G	44.91	54.00	-9.09	37.69	3	Horizontal	208	1.80	-	33.90	5.45	32.13
PK	5.4696G	56.92	68.20	-11.28	49.68	3	Horizontal	208	1.80	-	33.90	5.47	32.13
PK	5.5872G	105.68	Inf	-Inf	98.33	3	Horizontal	208	1.80	-	33.90	5.59	32.14
AV	5.5872G	96.65	Inf	-Inf	89.30	3	Horizontal	208	1.80	-	33.90	5.59	32.14
PK	5.7696G	56.64	68.20	-11.56	49.43	3	Horizontal	208	1.80	-	33.76	5.60	32.15

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

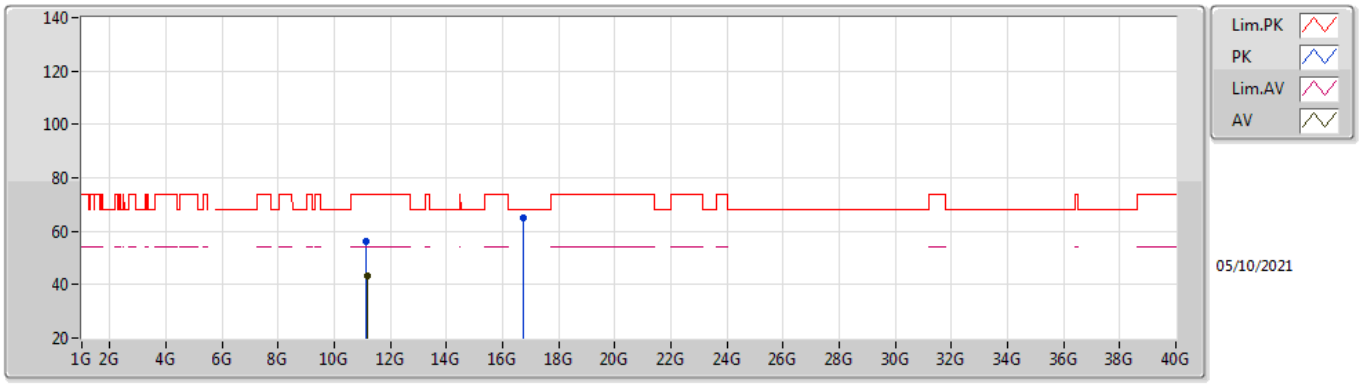


EUT Y_4TX
Setting 12
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1558G	57.25	74.00	-16.75	44.08	3	Vertical	196	2.28	-	38.66	7.76	33.25
AV	11.1622G	43.81	54.00	-10.19	30.64	3	Vertical	196	2.28	-	38.66	7.76	33.25
PK	16.7377G	61.01	68.20	-7.19	44.00	3	Vertical	174	1.80	-	39.93	10.37	33.29

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

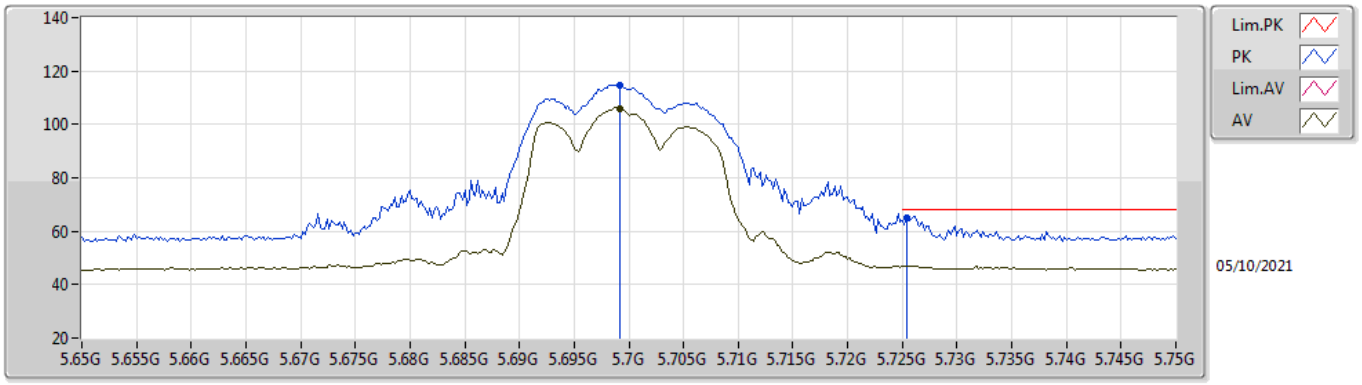


EUT Y_4TX
Setting 12
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1543G	56.22	74.00	-17.78	43.06	3	Horizontal	123	1.80	-	38.65	7.76	33.25
AV	11.1638G	43.43	54.00	-10.57	30.25	3	Horizontal	123	1.80	-	38.66	7.77	33.25
PK	16.738G	64.83	68.20	-3.37	47.82	3	Horizontal	206	2.13	-	39.93	10.37	33.29

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

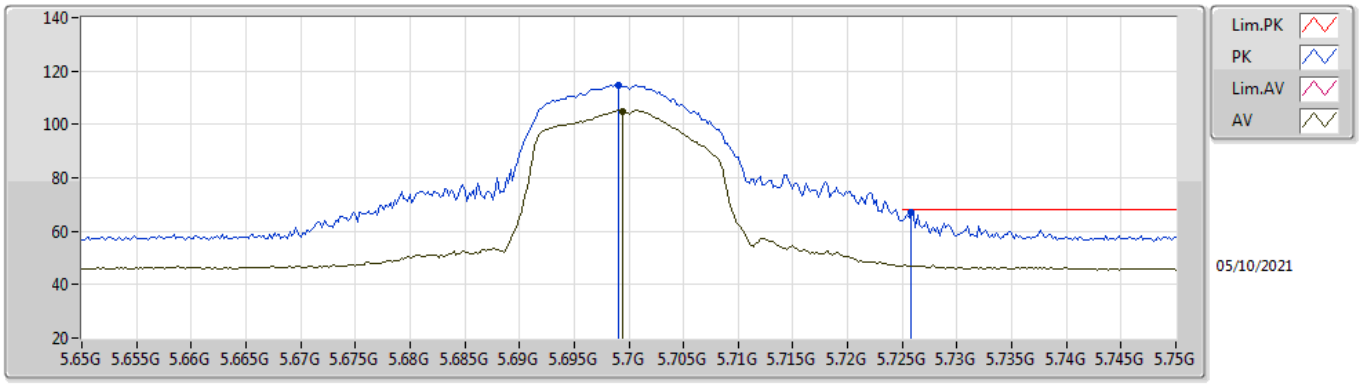


EUT Y_4TX
Setting 12.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6992G	114.42	Inf	-Inf	107.26	3	Vertical	97	1.67	-	33.70	5.60	32.14
AV	5.6992G	105.82	Inf	-Inf	98.66	3	Vertical	97	1.67	-	33.70	5.60	32.14
PK	5.7254G	64.98	68.20	-3.22	57.77	3	Vertical	97	1.67	-	33.75	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

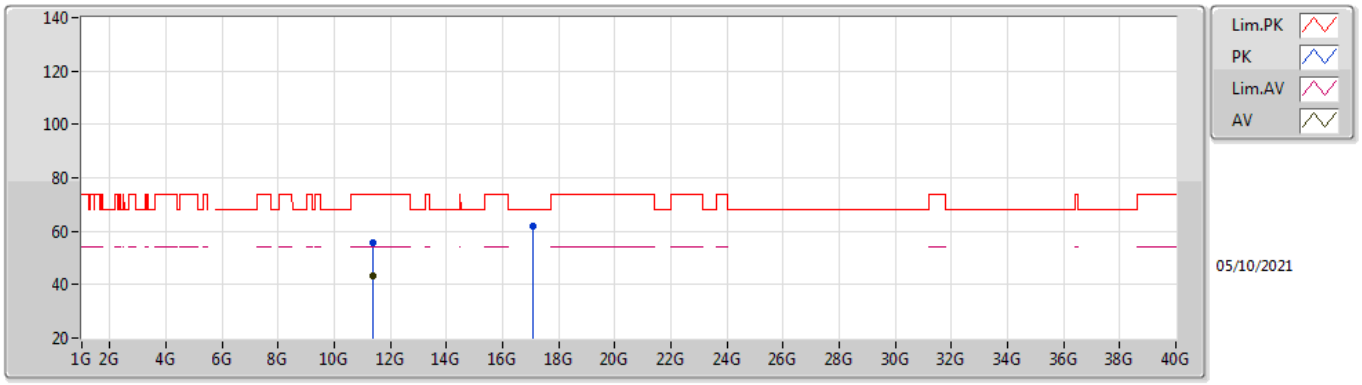


EUT Y_4TX
Setting 12.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.699G	114.70	Inf	-Inf	107.54	3	Horizontal	68	1.43	-	33.70	5.60	32.14
AV	5.6994G	104.85	Inf	-Inf	97.69	3	Horizontal	68	1.43	-	33.70	5.60	32.14
PK	5.7258G	66.87	68.20	-1.33	59.66	3	Horizontal	68	1.43	-	33.75	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

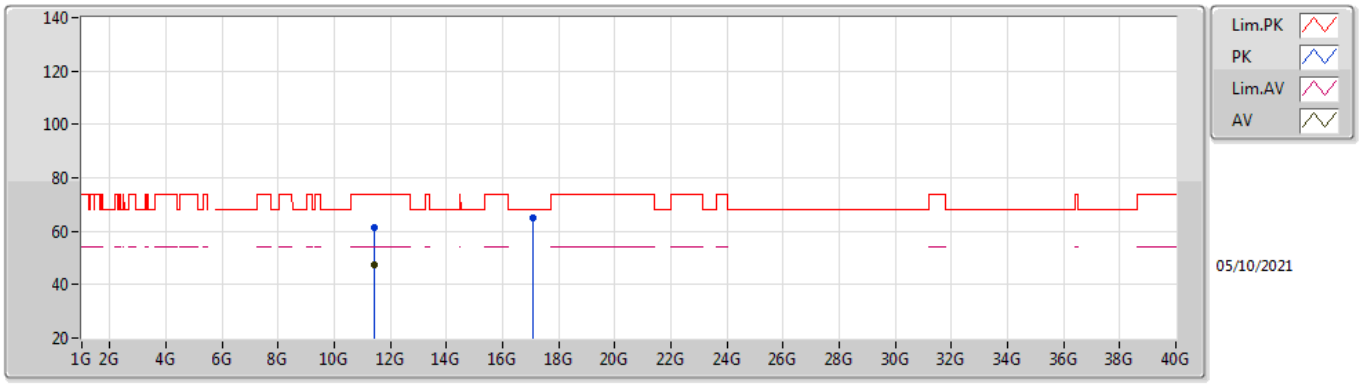


EUT Y_4TX
Setting 12.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4002G	55.82	74.00	-18.18	42.39	3	Vertical	208	1.66	-	38.80	7.86	33.23
AV	11.3992G	43.43	54.00	-10.57	30.00	3	Vertical	208	1.66	-	38.80	7.86	33.23
PK	17.0971G	62.08	68.20	-6.12	43.66	3	Vertical	177	2.43	-	41.30	10.55	33.43

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

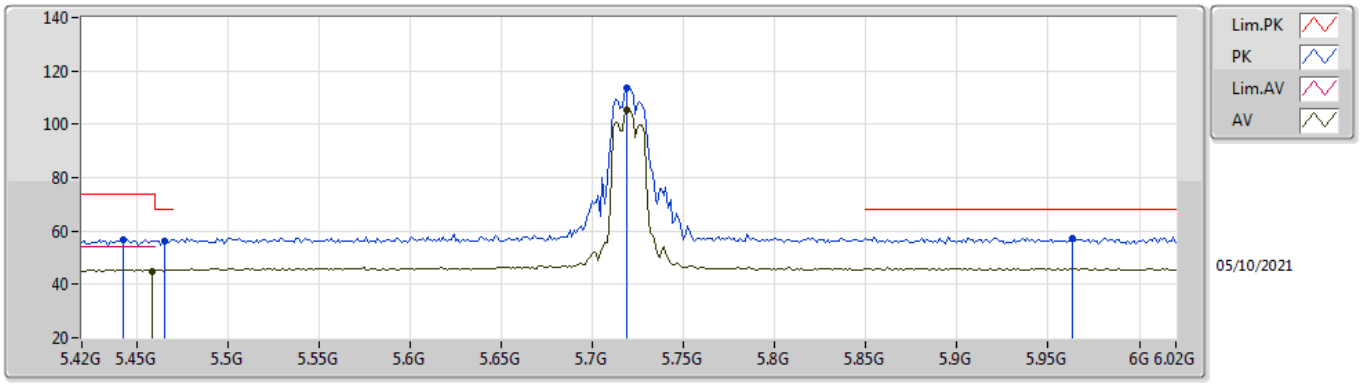


EUT Y_4TX
Setting 12.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4019G	61.19	74.00	-12.81	47.76	3	Horizontal	263	1.57	-	38.80	7.86	33.23
AV	11.4025G	47.59	54.00	-6.41	34.16	3	Horizontal	263	1.57	-	38.80	7.86	33.23
PK	17.0965G	65.09	68.20	-3.11	46.67	3	Horizontal	208	2.06	-	41.30	10.55	33.43

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

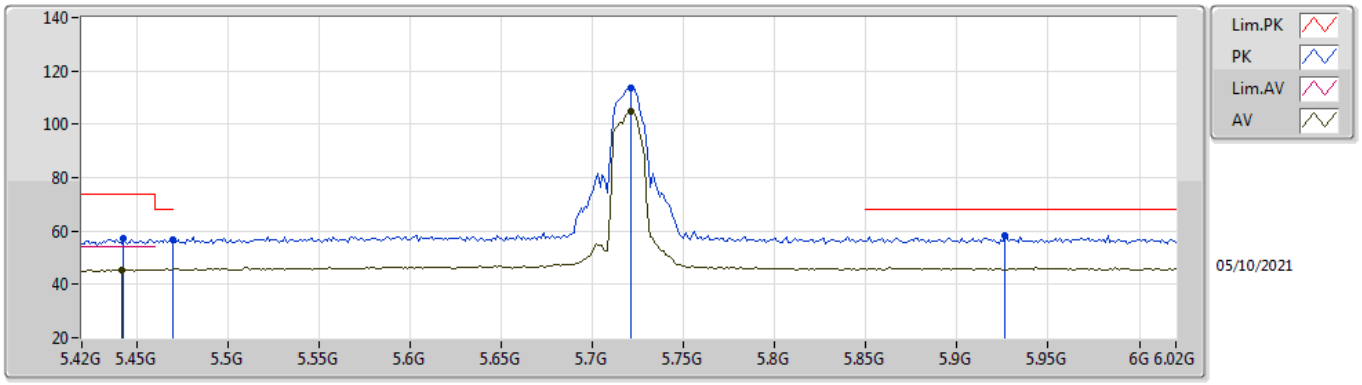


EUT Y_4TX
Setting 13.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4428G	56.75	74.00	-17.25	49.55	3	Vertical	94	1.77	-	33.89	5.44	32.13
PK	5.4656G	56.34	68.20	-11.86	49.10	3	Vertical	94	1.77	-	33.90	5.47	32.13
AV	5.4584G	45.08	54.00	-8.92	37.85	3	Vertical	94	1.77	-	33.90	5.46	32.13
PK	5.7188G	113.54	Inf	-Inf	106.34	3	Vertical	94	1.77	-	33.74	5.60	32.14
AV	5.7188G	105.42	Inf	-Inf	98.22	3	Vertical	94	1.77	-	33.74	5.60	32.14
PK	5.9636G	57.20	68.20	-11.00	49.50	3	Vertical	94	1.77	-	34.10	5.76	32.16

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

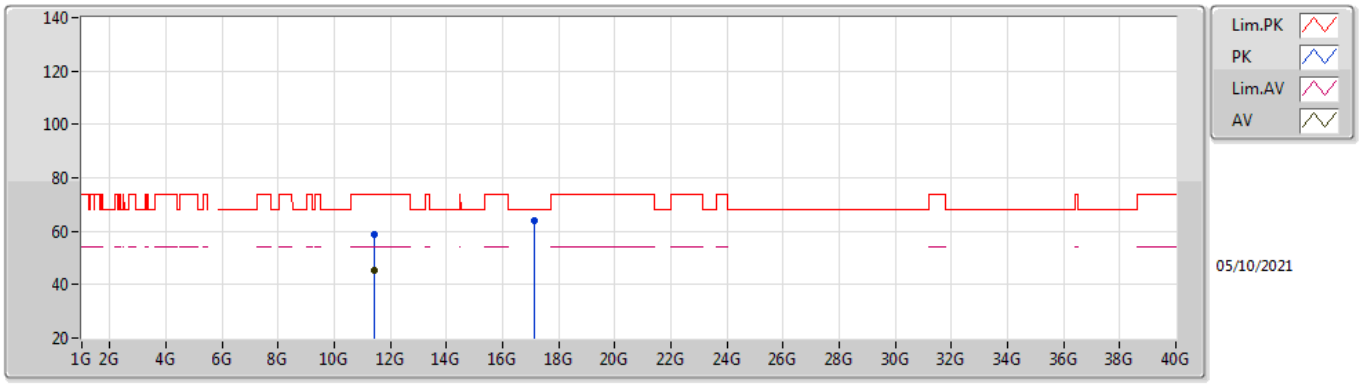


EUT Y_4TX
Setting 13.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4428G	56.99	74.00	-17.01	49.79	3	Horizontal	74	1.61	-	33.89	5.44	32.13
AV	5.4416G	45.16	54.00	-8.84	37.97	3	Horizontal	74	1.61	-	33.88	5.44	32.13
PK	5.47G	56.71	68.20	-11.49	49.47	3	Horizontal	74	1.61	-	33.90	5.47	32.13
PK	5.7212G	113.76	Inf	-Inf	106.56	3	Horizontal	74	1.61	-	33.74	5.60	32.14
AV	5.7212G	105.03	Inf	-Inf	97.83	3	Horizontal	74	1.61	-	33.74	5.60	32.14
PK	5.9264G	58.53	68.20	-9.67	50.91	3	Horizontal	74	1.61	-	34.05	5.73	32.16

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

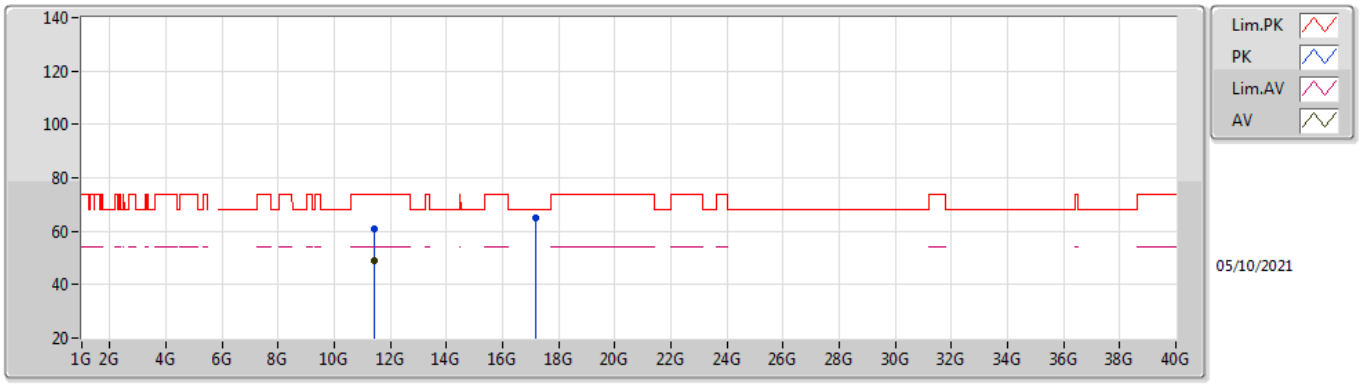


EUT Y_4TX
Setting 13.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4418G	58.66	74.00	-15.34	45.13	3	Vertical	64	1.18	-	38.88	7.88	33.23
AV	11.4402G	45.09	54.00	-8.91	31.56	3	Vertical	64	1.18	-	38.88	7.88	33.23
PK	17.1556G	64.16	68.20	-4.04	45.25	3	Vertical	175	2.41	-	41.69	10.58	33.36

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

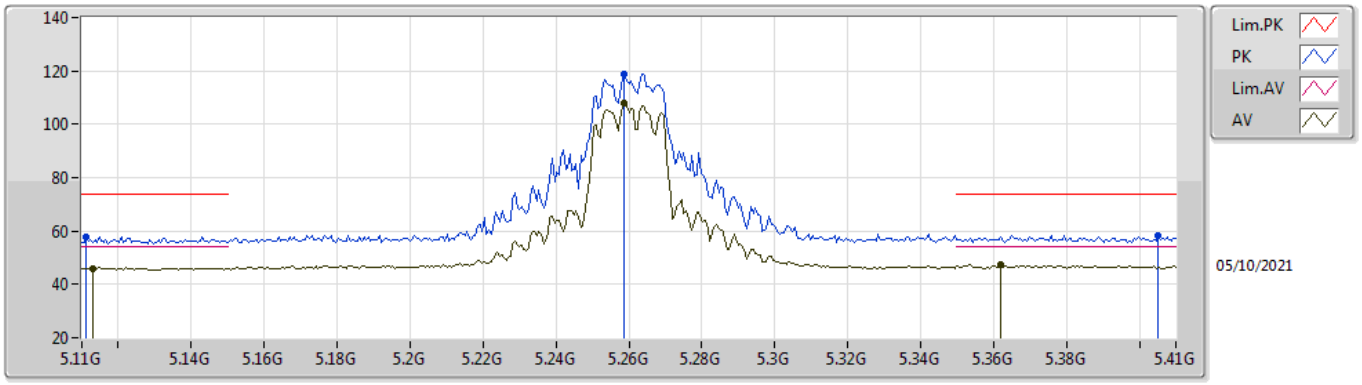


EUT Y_4TX
Setting 13.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4435G	61.09	74.00	-12.91	47.55	3	Horizontal	264	1.65	-	38.89	7.88	33.23
AV	11.4433G	48.76	54.00	-5.24	35.22	3	Horizontal	264	1.65	-	38.89	7.88	33.23
PK	17.1632G	64.82	68.20	-3.38	45.85	3	Horizontal	213	1.89	-	41.74	10.58	33.35

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

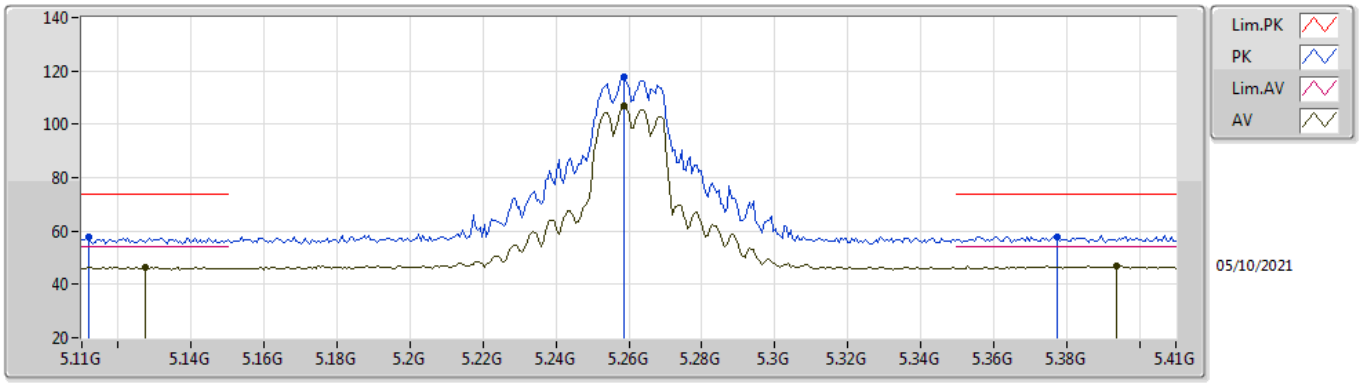


EUT Y_4TX
Setting 17.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1112G	57.72	74.00	-16.28	51.16	3	Vertical	113	1.61	-	33.50	5.21	32.15
AV	5.113G	46.01	54.00	-7.99	39.45	3	Vertical	113	1.61	-	33.50	5.21	32.15
PK	5.2588G	118.85	Inf	-Inf	112.04	3	Vertical	113	1.61	-	33.62	5.33	32.14
AV	5.2588G	107.96	Inf	-Inf	101.15	3	Vertical	113	1.61	-	33.62	5.33	32.14
PK	5.4052G	58.53	74.00	-15.47	51.45	3	Vertical	113	1.61	-	33.81	5.41	32.14
AV	5.362G	47.21	54.00	-6.79	40.25	3	Vertical	113	1.61	-	33.72	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

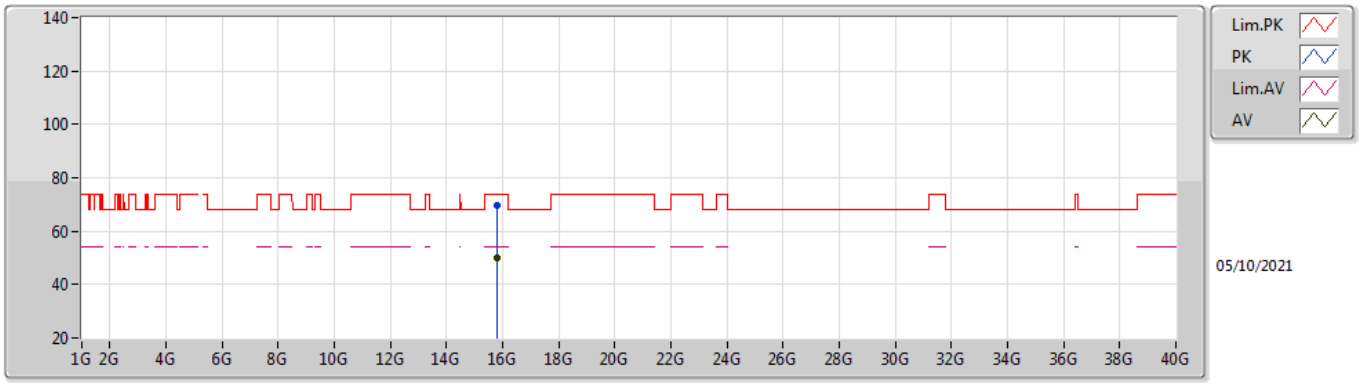


EUT Y_4TX
Setting 17.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1118G	57.62	74.00	-16.38	51.06	3	Horizontal	296	2.16	-	33.50	5.21	32.15
AV	5.1274G	46.36	54.00	-7.64	39.78	3	Horizontal	296	2.16	-	33.50	5.23	32.15
PK	5.2588G	117.54	Inf	-Inf	110.73	3	Horizontal	296	2.16	-	33.62	5.33	32.14
AV	5.2588G	106.69	Inf	-Inf	99.88	3	Horizontal	296	2.16	-	33.62	5.33	32.14
PK	5.3776G	57.94	74.00	-16.06	50.93	3	Horizontal	296	2.16	-	33.76	5.39	32.14
AV	5.3938G	46.67	54.00	-7.33	39.62	3	Horizontal	296	2.16	-	33.79	5.40	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

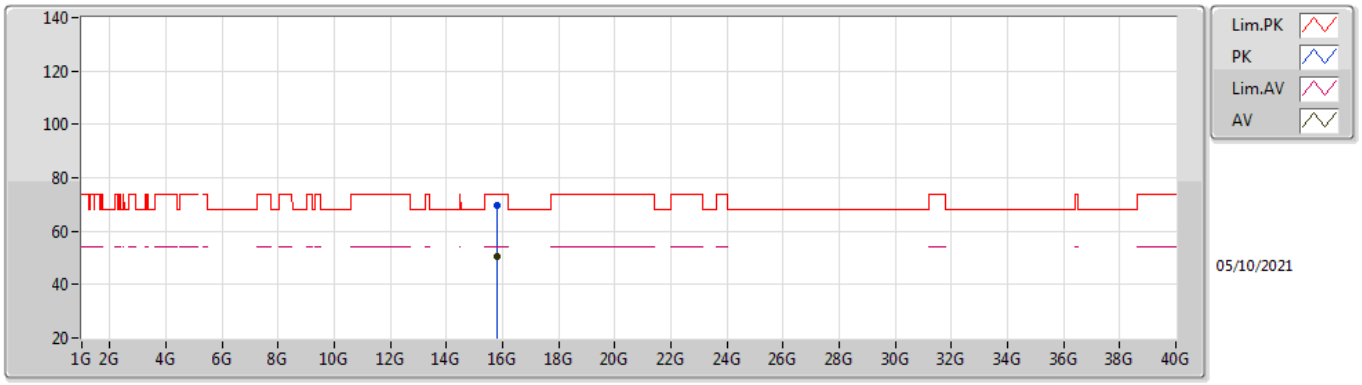


EUT Y_4TX
Setting 17.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7828G	69.70	74.00	-4.30	55.88	3	Vertical	87	2.12	-	37.40	9.90	33.48
AV	15.78144G	50.12	54.00	-3.88	36.30	3	Vertical	87	2.12	-	37.40	9.90	33.48

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

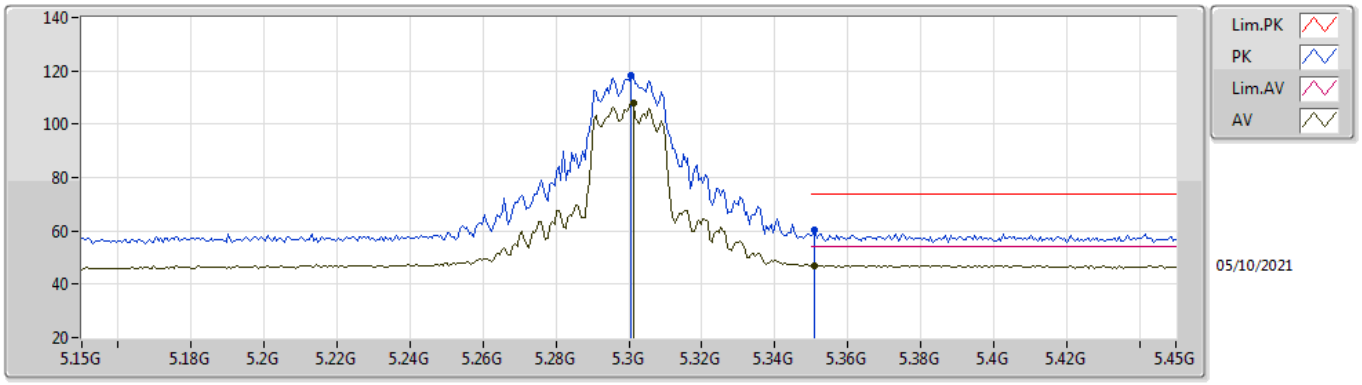


EUT Y_4TX
Setting 17.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78776G	69.64	74.00	-4.36	55.83	3	Horizontal	214	2.98	-	37.40	9.90	33.49
AV	15.78152G	50.35	54.00	-3.65	36.53	3	Horizontal	214	2.98	-	37.40	9.90	33.48

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

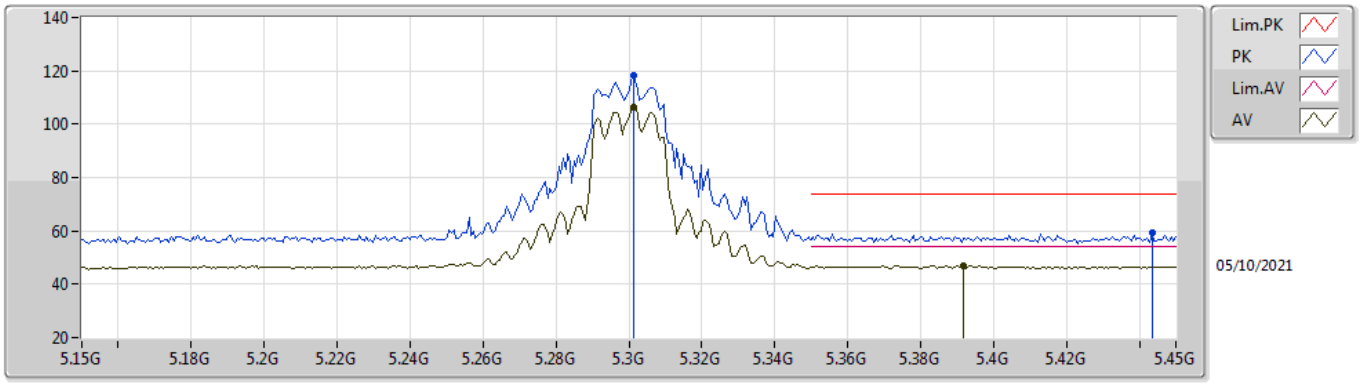


EUT Y_4TX
Setting 17
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3006G	118.19	Inf	-Inf	111.28	3	Vertical	109	1.61	-	33.70	5.35	32.14
AV	5.3012G	108.03	Inf	-Inf	101.12	3	Vertical	109	1.61	-	33.70	5.35	32.14
PK	5.351G	60.29	74.00	-13.71	53.35	3	Vertical	109	1.61	-	33.70	5.38	32.14
AV	5.351G	47.15	54.00	-6.85	40.21	3	Vertical	109	1.61	-	33.70	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

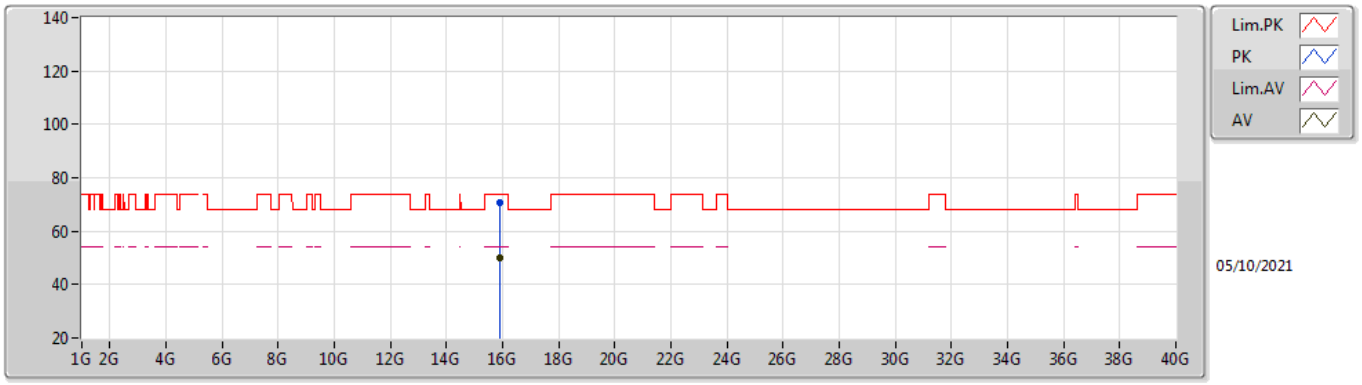


EUT Y_4TX
Setting 17
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3012G	118.35	Inf	-Inf	111.44	3	Horizontal	299.8	2.33	-	33.70	5.35	32.14
AV	5.3012G	106.19	Inf	-Inf	99.28	3	Horizontal	299.8	2.33	-	33.70	5.35	32.14
PK	5.4434G	59.16	74.00	-14.84	51.96	3	Horizontal	299.8	2.33	-	33.89	5.44	32.13
AV	5.3918G	46.71	54.00	-7.29	39.67	3	Horizontal	299.8	2.33	-	33.78	5.40	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

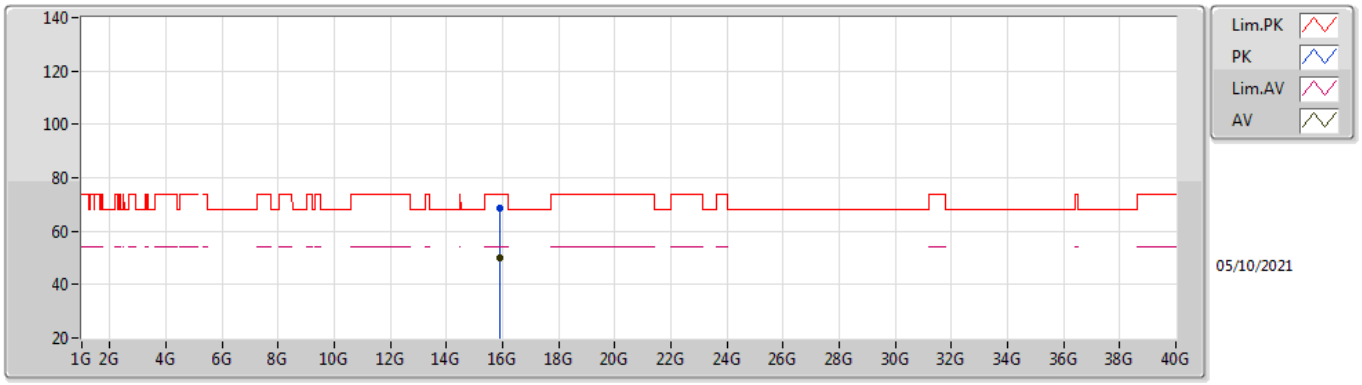


EUT Y_4TX
Setting 17
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.89232G	70.59	74.00	-3.41	56.76	3	Vertical	193	1.92	-	37.49	9.95	33.61
AV	15.89872G	49.87	54.00	-4.13	36.04	3	Vertical	193	1.92	-	37.50	9.95	33.62

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

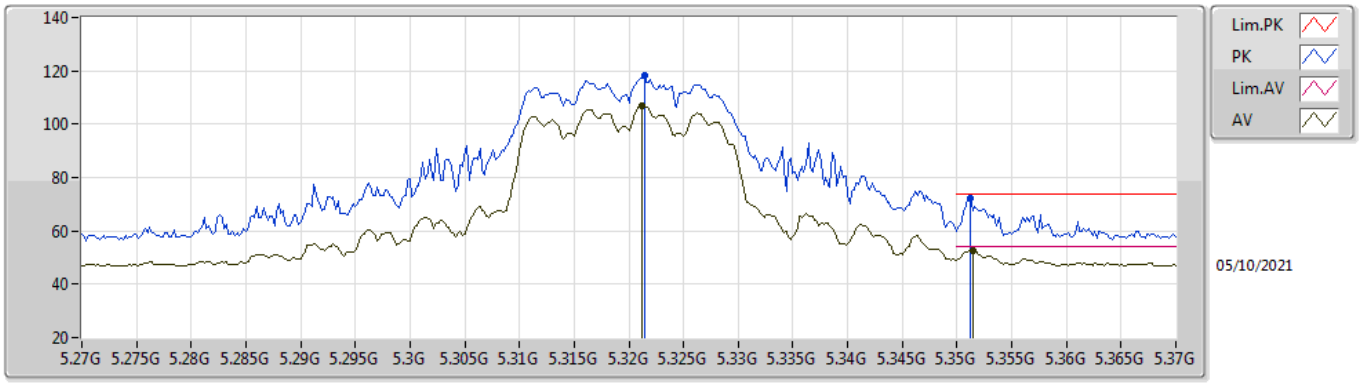


EUT Y_4TX
Setting 17
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.89768G	68.60	74.00	-5.40	54.77	3	Horizontal	206	3.00	-	37.50	9.95	33.62
AV	15.89936G	50.01	54.00	-3.99	36.18	3	Horizontal	206	3.00	-	37.50	9.95	33.62

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

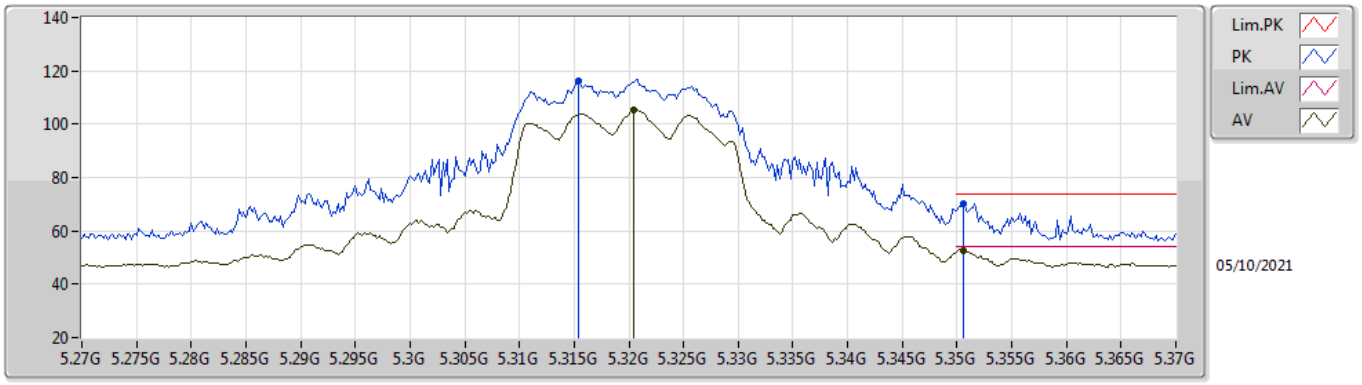


EUT Y_4TX
Setting 16
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3214G	118.48	Inf	-Inf	111.56	3	Vertical	114	1.51	-	33.70	5.36	32.14
AV	5.3212G	106.75	Inf	-Inf	99.83	3	Vertical	114	1.51	-	33.70	5.36	32.14
PK	5.3512G	71.99	74.00	-2.01	65.05	3	Vertical	114	1.51	-	33.70	5.38	32.14
AV	5.3514G	52.67	54.00	-1.33	45.73	3	Vertical	114	1.51	-	33.70	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

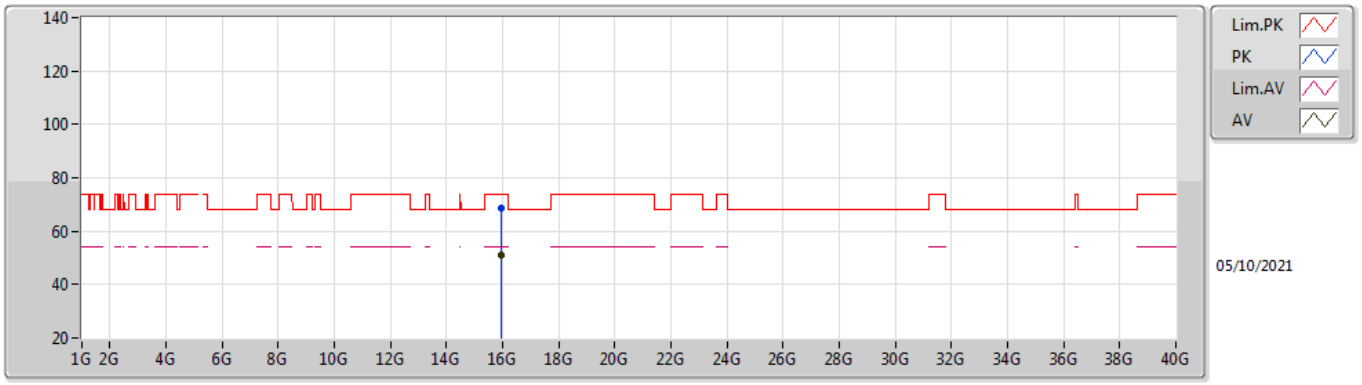


EUT Y_4TX
Setting 16
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3154G	116.40	Inf	-Inf	109.48	3	Horizontal	301	1.75	-	33.70	5.36	32.14
AV	5.3204G	105.22	Inf	-Inf	98.30	3	Horizontal	301	1.75	-	33.70	5.36	32.14
PK	5.3506G	70.19	74.00	-3.81	63.25	3	Horizontal	301	1.75	-	33.70	5.38	32.14
AV	5.3506G	52.81	54.00	-1.19	45.87	3	Horizontal	301	1.75	-	33.70	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

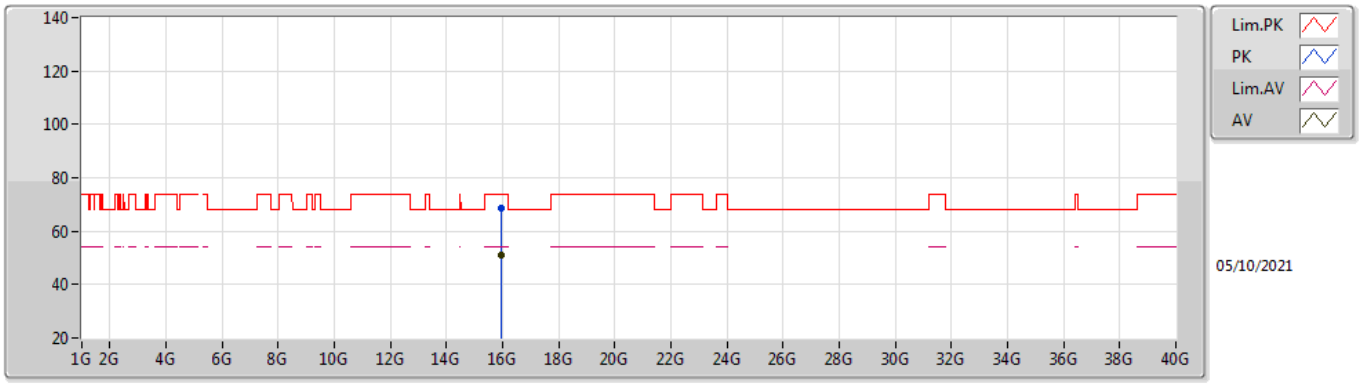


EUT Y_4TX
Setting 16
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.96288G	68.64	74.00	-5.36	54.92	3	Vertical	348	1.83	-	37.44	9.98	33.70
AV	15.96288G	50.83	54.00	-3.17	37.11	3	Vertical	348	1.83	-	37.44	9.98	33.70

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

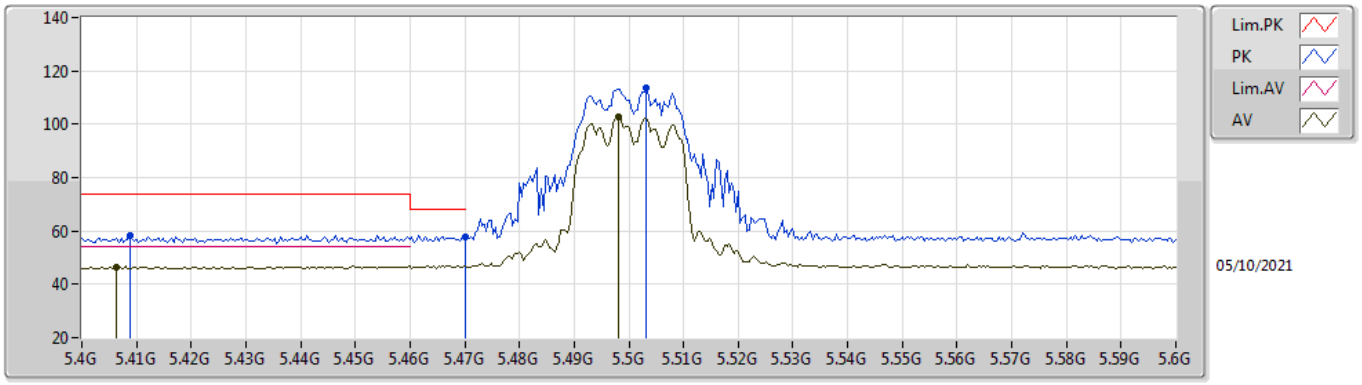


EUT Y_4TX
Setting 16
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
AV	15.95904G	50.96	54.00	-3.04	37.23	3	Horizontal	202	2.95	-	37.44	9.98	33.69
PK	15.96784G	68.81	74.00	-5.19	55.09	3	Horizontal	202	2.95	-	37.43	9.99	33.70

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

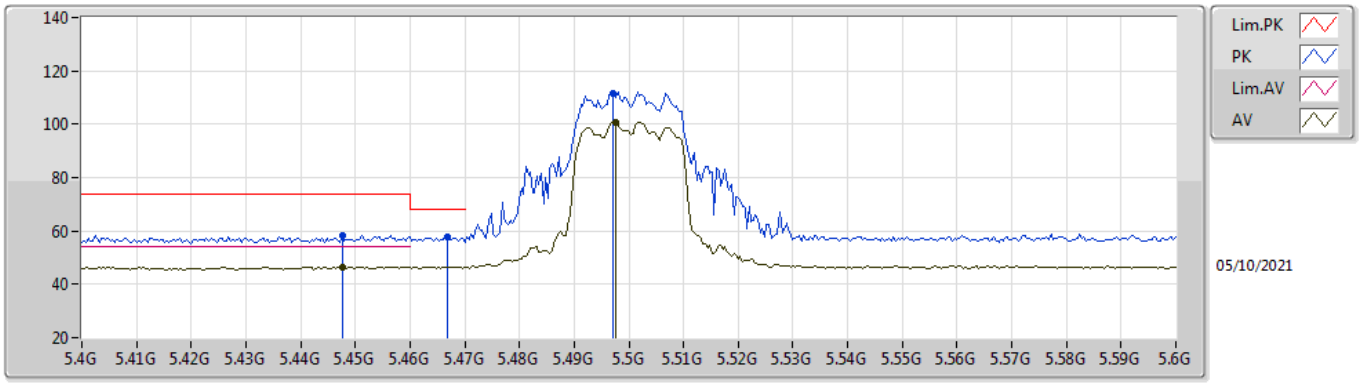


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4088G	58.37	74.00	-15.63	51.28	3	Vertical	130	1.77	-	33.82	5.41	32.14
AV	5.4064G	46.49	54.00	-7.51	39.41	3	Vertical	130	1.77	-	33.81	5.41	32.14
PK	5.47G	57.67	68.20	-10.53	50.43	3	Vertical	130	1.77	-	33.90	5.47	32.13
PK	5.5032G	113.37	Inf	-Inf	106.10	3	Vertical	130	1.77	-	33.90	5.50	32.13
AV	5.498G	102.81	Inf	-Inf	95.54	3	Vertical	130	1.77	-	33.90	5.50	32.13

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

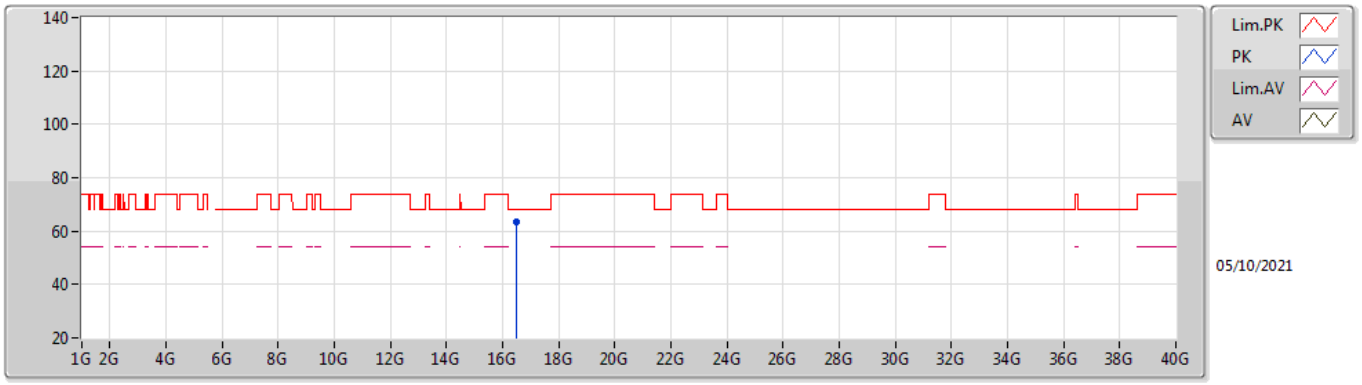


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4476G	58.37	74.00	-15.63	51.15	3	Horizontal	292	2.72	-	33.90	5.45	32.13
AV	5.4476G	46.23	54.00	-7.77	39.01	3	Horizontal	292	2.72	-	33.90	5.45	32.13
PK	5.4668G	57.77	68.20	-10.43	50.53	3	Horizontal	292	2.72	-	33.90	5.47	32.13
PK	5.4972G	111.60	Inf	-Inf	104.33	3	Horizontal	292	2.72	-	33.90	5.50	32.13
AV	5.4976G	100.71	Inf	-Inf	93.44	3	Horizontal	292	2.72	-	33.90	5.50	32.13

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

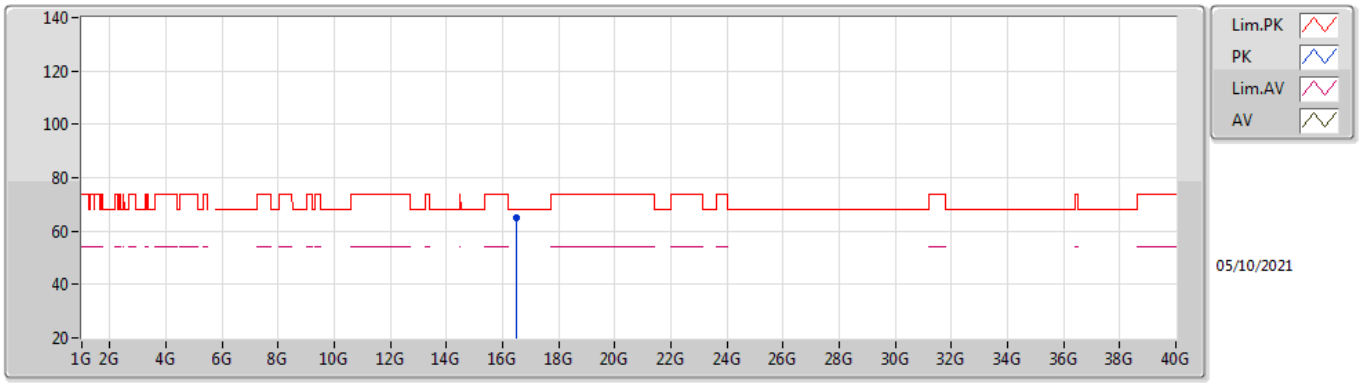


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.5028G	63.24	68.20	-4.96	47.33	3	Vertical	175	1.80	-	38.73	10.25	33.07

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

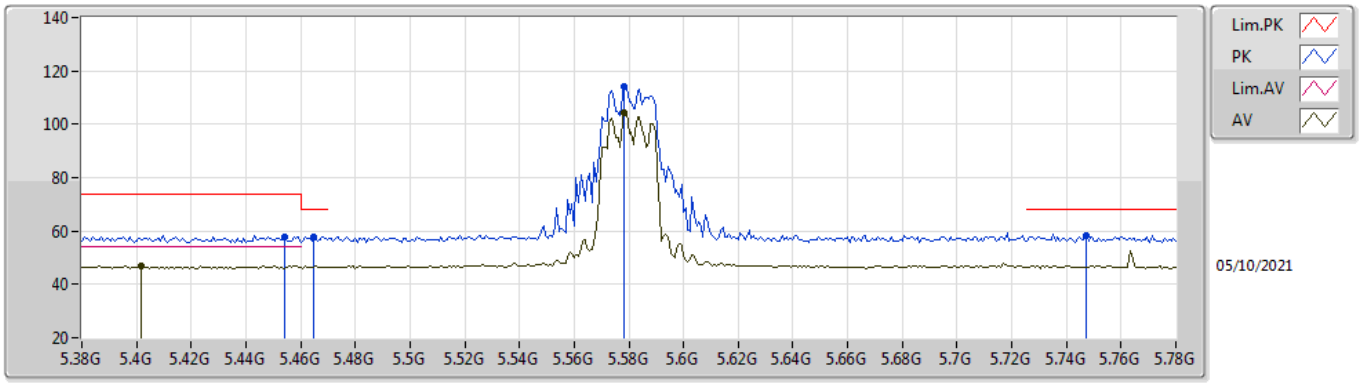


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.5028G	64.80	68.20	-3.40	48.89	3	Horizontal	205	3.00	-	38.73	10.25	33.07

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

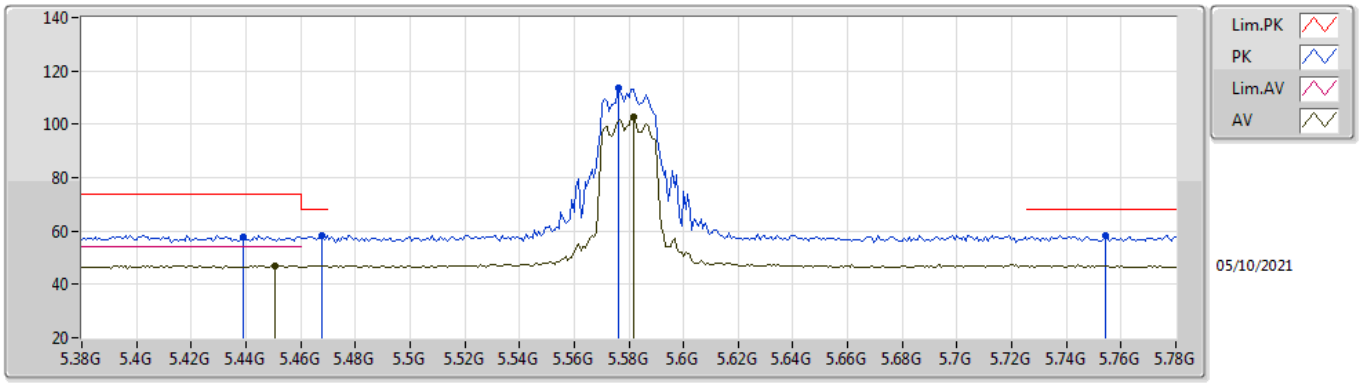


EUT Y_4TX
Setting 13.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4544G	57.93	74.00	-16.07	50.71	3	Vertical	156	1.96	-	33.90	5.45	32.13
AV	5.4016G	46.74	54.00	-7.26	39.68	3	Vertical	156	1.96	-	33.80	5.40	32.14
PK	5.4648G	57.80	68.20	-10.40	50.57	3	Vertical	156	1.96	-	33.90	5.46	32.13
PK	5.5784G	114.31	Inf	-Inf	106.96	3	Vertical	156	1.96	-	33.90	5.58	32.13
AV	5.5784G	104.35	Inf	-Inf	97.00	3	Vertical	156	1.96	-	33.90	5.58	32.13
PK	5.7472G	58.33	68.20	-9.87	51.08	3	Vertical	156	1.96	-	33.79	5.60	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

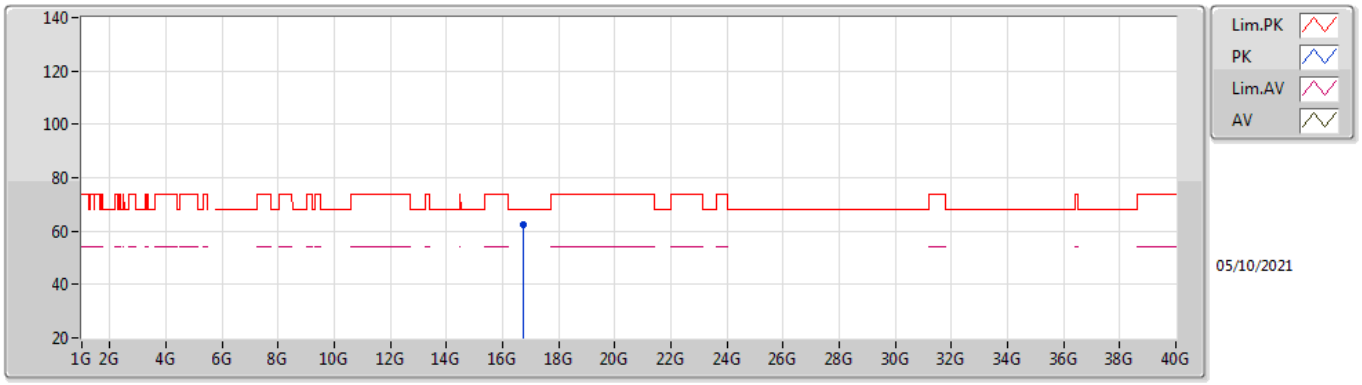


EUT Y_4TX
Setting 13.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4392G	57.98	74.00	-16.02	50.79	3	Horizontal	293	1.88	-	33.88	5.44	32.13
AV	5.4504G	46.81	54.00	-7.19	39.59	3	Horizontal	293	1.88	-	33.90	5.45	32.13
PK	5.468G	58.28	68.20	-9.92	51.04	3	Horizontal	293	1.88	-	33.90	5.47	32.13
PK	5.576G	113.49	Inf	-Inf	106.14	3	Horizontal	293	1.88	-	33.90	5.58	32.13
AV	5.5816G	102.75	Inf	-Inf	95.40	3	Horizontal	293	1.88	-	33.90	5.58	32.13
PK	5.7544G	58.11	68.20	-10.09	50.87	3	Horizontal	293	1.88	-	33.79	5.60	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

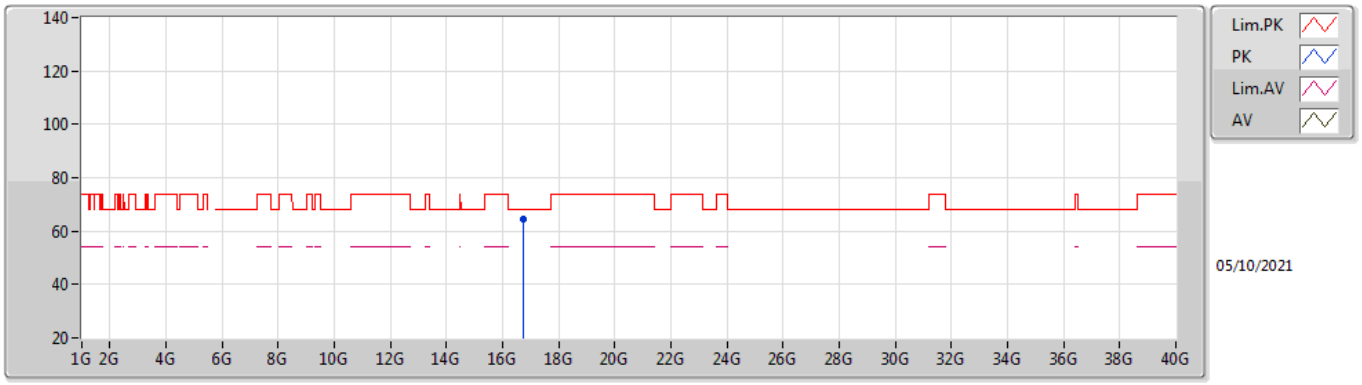


EUT Y_4TX
Setting 13.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.74192G	62.34	68.20	-5.86	45.32	3	Vertical	168	1.80	-	39.95	10.37	33.30

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

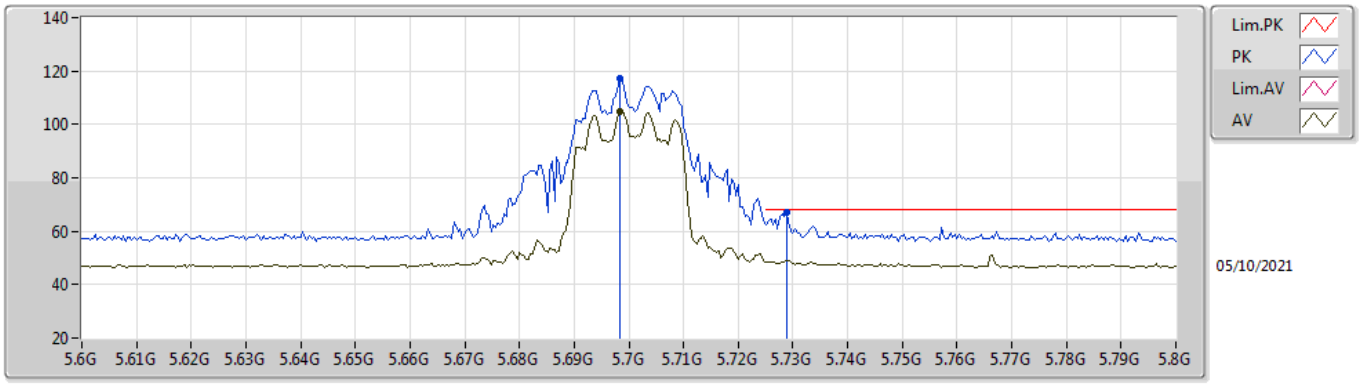


EUT Y_4TX
Setting 13.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.73584G	64.72	68.20	-3.48	47.72	3	Horizontal	208	1.78	-	39.92	10.37	33.29

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

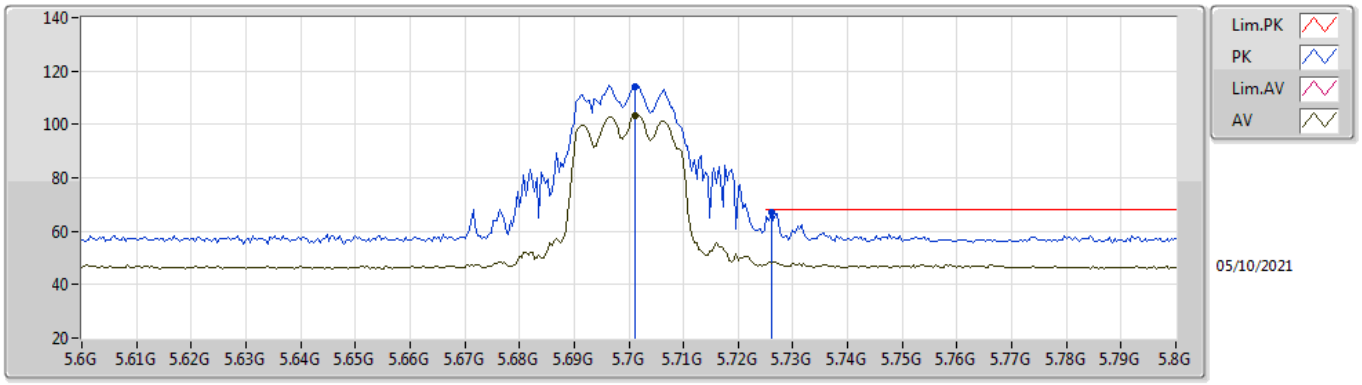


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6984G	117.40	Inf	-Inf	110.24	3	Vertical	153	1.92	-	33.70	5.60	32.14
AV	5.6984G	104.69	Inf	-Inf	97.53	3	Vertical	153	1.92	-	33.70	5.60	32.14
PK	5.7288G	66.84	68.20	-1.36	59.62	3	Vertical	153	1.92	-	33.76	5.60	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

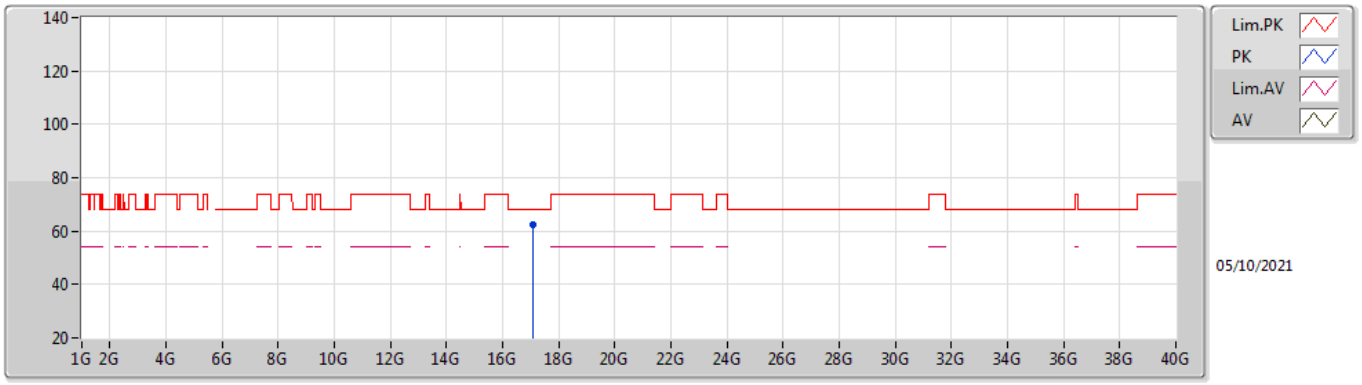


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7012G	114.37	Inf	-Inf	107.21	3	Horizontal	292	2.18	-	33.70	5.60	32.14
AV	5.7012G	103.43	Inf	-Inf	96.27	3	Horizontal	292	2.18	-	33.70	5.60	32.14
PK	5.726G	66.83	68.20	-1.37	59.62	3	Horizontal	292	2.18	-	33.75	5.60	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

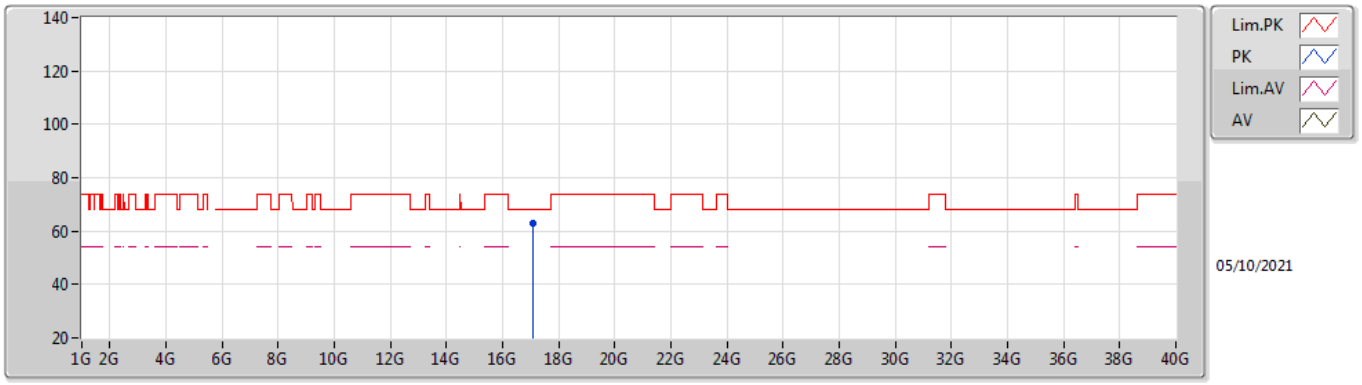


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.10032G	62.64	68.20	-5.56	44.22	3	Vertical	312	1.04	-	41.30	10.55	33.43

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

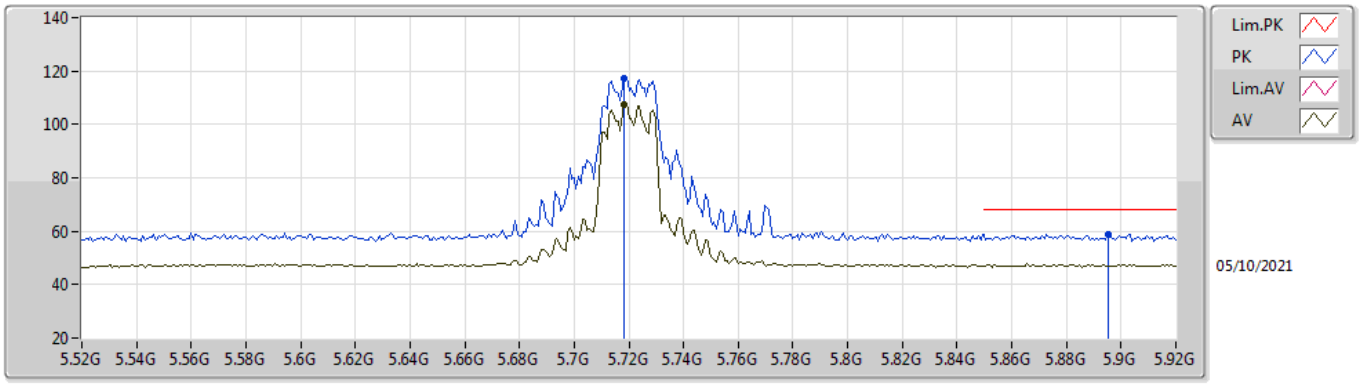


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.09752G	62.80	68.20	-5.40	44.38	3	Horizontal	269	1.80	-	41.30	10.55	33.43

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

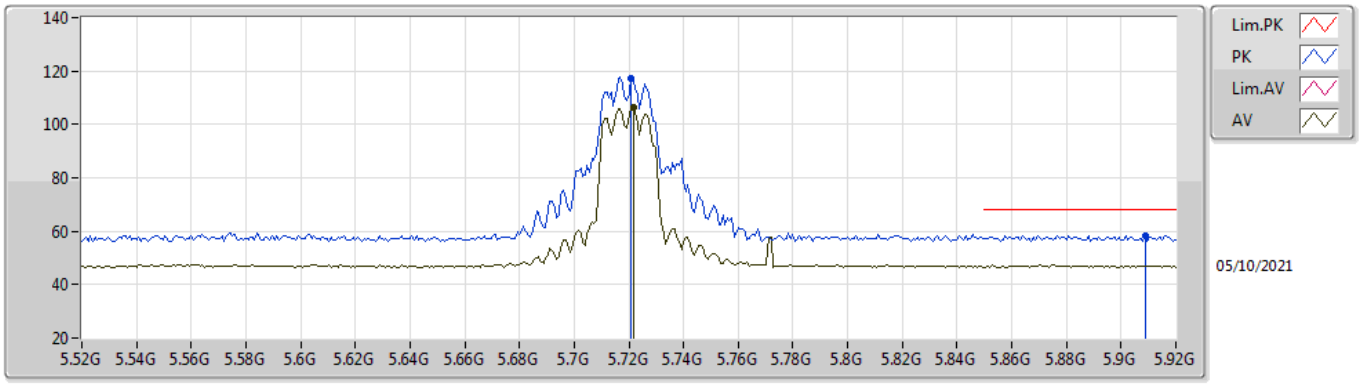


EUT Y_4TX
Setting 15.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7184G	117.46	Inf	-Inf	110.26	3	Vertical	154	1.80	-	33.74	5.60	32.14
AV	5.7184G	107.64	Inf	-Inf	100.44	3	Vertical	154	1.80	-	33.74	5.60	32.14
PK	5.8952G	58.66	68.20	-9.54	51.13	3	Vertical	154	1.80	-	33.98	5.70	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

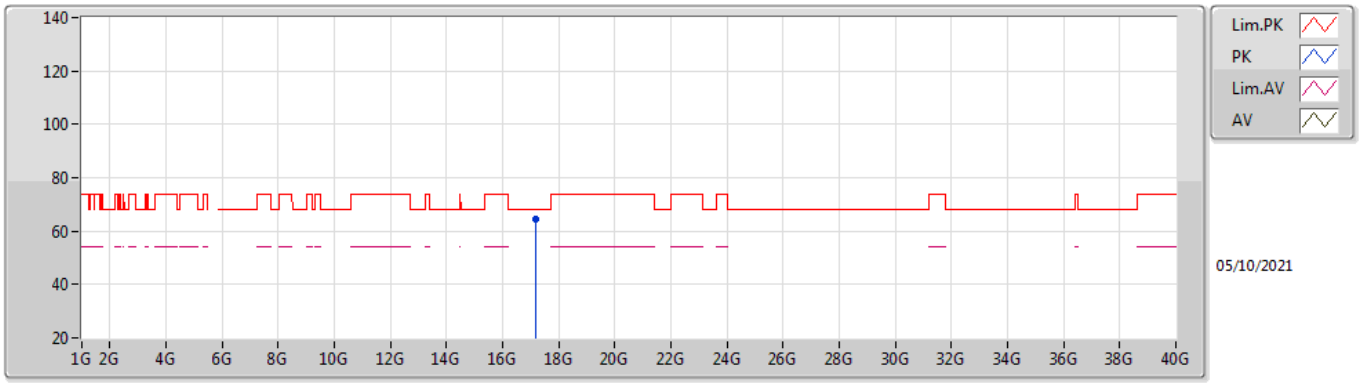


EUT Y_4TX
Setting 15.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7208G	117.00	Inf	-Inf	109.80	3	Horizontal	291	2.18	-	33.74	5.60	32.14
AV	5.7216G	106.18	Inf	-Inf	98.98	3	Horizontal	291	2.18	-	33.74	5.60	32.14
PK	5.9088G	58.14	68.20	-10.06	50.56	3	Horizontal	291	2.18	-	34.02	5.71	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

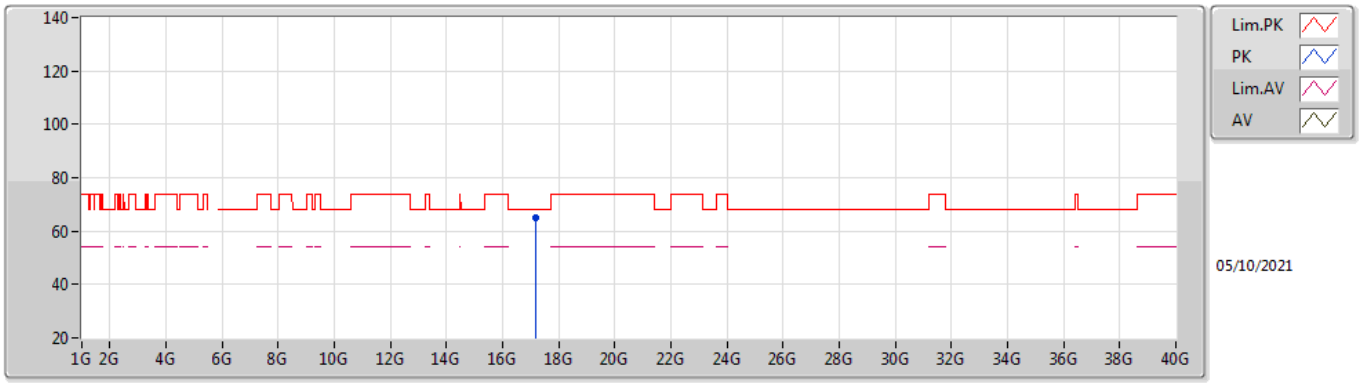


EUT Y_4TX
Setting 15.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.16248G	64.61	68.20	-3.59	45.64	3	Vertical	52	1.98	-	41.74	10.58	33.35

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

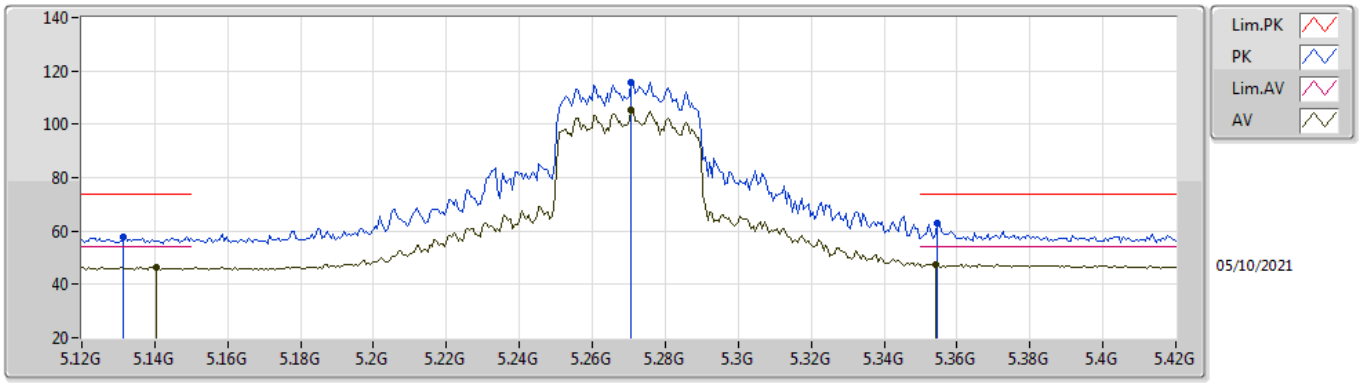


EUT Y_4TX
Setting 15.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.16696G	64.95	68.20	-3.25	45.95	3	Horizontal	214	1.88	-	41.77	10.58	33.35

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

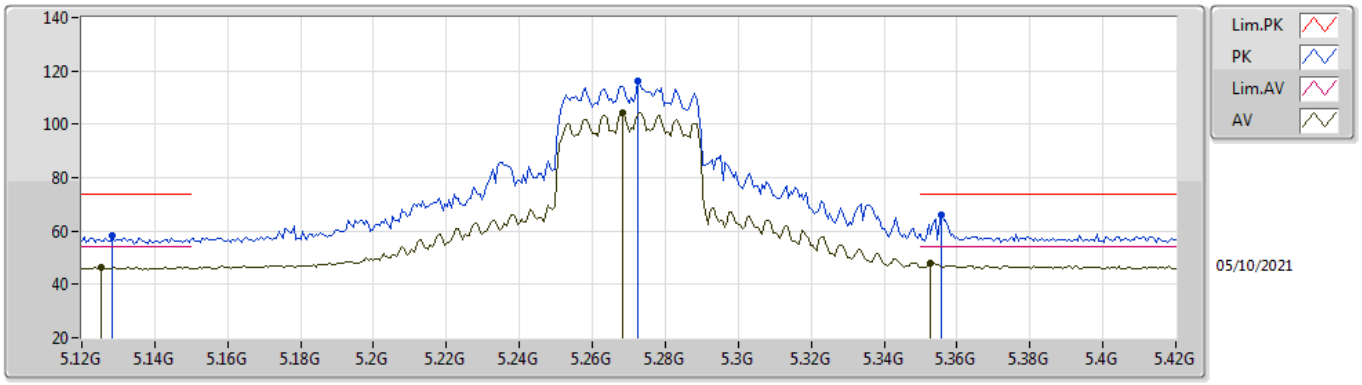


EUT Y_4TX
Setting 18
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1314G	57.61	74.00	-16.39	51.03	3	Vertical	360	2.94	-	33.50	5.23	32.15
AV	5.1404G	46.19	54.00	-7.81	39.60	3	Vertical	360	2.94	-	33.50	5.24	32.15
PK	5.2706G	115.48	Inf	-Inf	108.64	3	Vertical	360	2.94	-	33.64	5.34	32.14
AV	5.2706G	105.52	Inf	-Inf	98.68	3	Vertical	360	2.94	-	33.64	5.34	32.14
PK	5.3546G	63.08	74.00	-10.92	56.13	3	Vertical	360	2.94	-	33.71	5.38	32.14
AV	5.354G	47.33	54.00	-6.67	40.38	3	Vertical	360	2.94	-	33.71	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

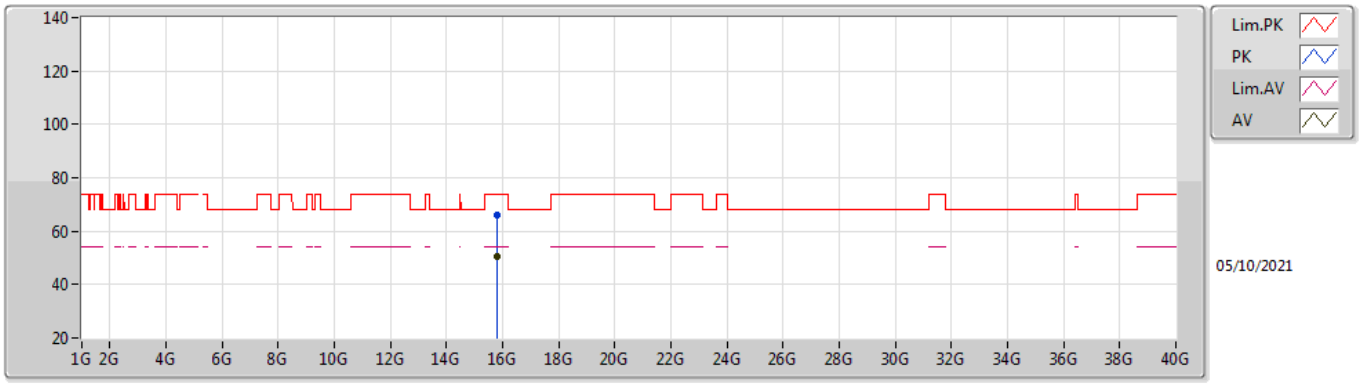


EUT Y_4TX
Setting 18
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1284G	58.17	74.00	-15.83	51.59	3	Horizontal	308	1.70	-	33.50	5.23	32.15
AV	5.1254G	46.35	54.00	-7.65	39.77	3	Horizontal	308	1.70	-	33.50	5.23	32.15
PK	5.2724G	115.96	Inf	-Inf	109.12	3	Horizontal	308	1.70	-	33.64	5.34	32.14
AV	5.2682G	104.24	Inf	-Inf	97.41	3	Horizontal	308	1.70	-	33.64	5.33	32.14
PK	5.3558G	66.11	74.00	-7.89	59.16	3	Horizontal	308	1.70	-	33.71	5.38	32.14
AV	5.3528G	47.81	54.00	-6.19	40.86	3	Horizontal	308	1.70	-	33.71	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

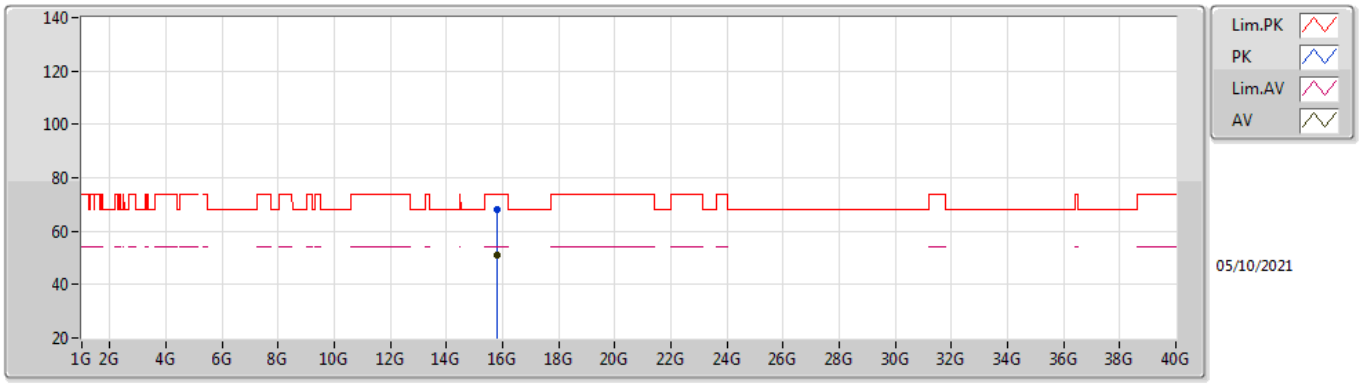


EUT Y_4TX
Setting 18
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.81704G	66.07	74.00	-7.93	52.25	3	Vertical	294	2.30	-	37.42	9.92	33.52
AV	15.81688G	50.51	54.00	-3.49	36.69	3	Vertical	294	2.30	-	37.42	9.92	33.52

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

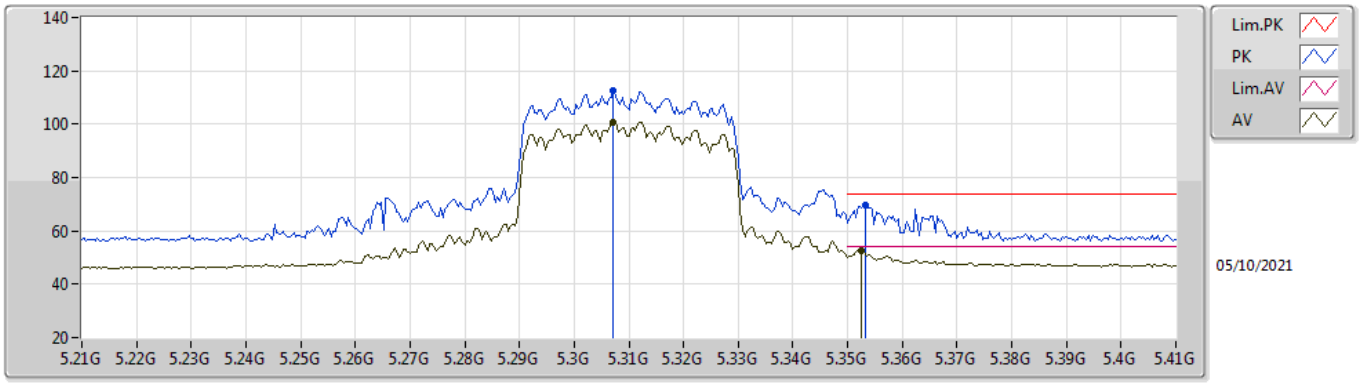


EUT Y_4TX
Setting 18
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
AV	15.8072G	50.96	54.00	-3.04	37.15	3	Horizontal	219	3.00	-	37.41	9.91	33.51
PK	15.80544G	68.17	74.00	-5.83	54.36	3	Horizontal	219	3.00	-	37.41	9.91	33.51

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

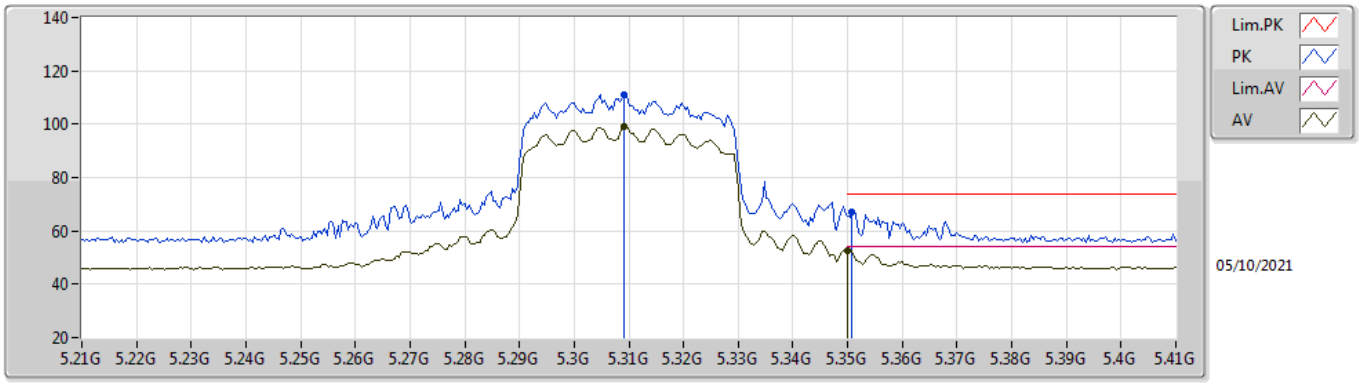


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3072G	112.57	Inf	-Inf	105.66	3	Vertical	112	1.77	-	33.70	5.35	32.14
AV	5.3072G	100.90	Inf	-Inf	93.99	3	Vertical	112	1.77	-	33.70	5.35	32.14
PK	5.3532G	69.41	74.00	-4.59	62.46	3	Vertical	112	1.77	-	33.71	5.38	32.14
AV	5.3524G	52.55	54.00	-1.45	45.61	3	Vertical	112	1.77	-	33.70	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

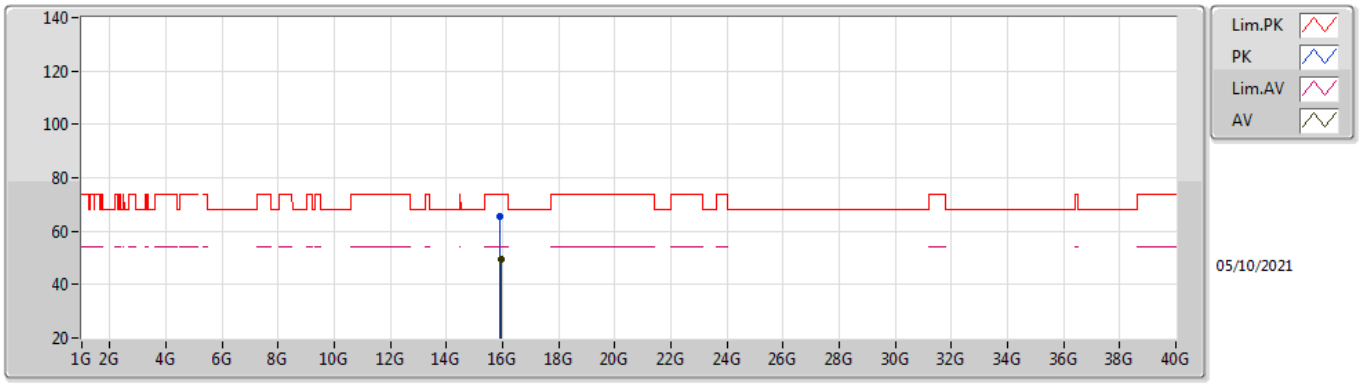


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3092G	110.98	Inf	-Inf	104.07	3	Horizontal	290	1.89	-	33.70	5.35	32.14
AV	5.3092G	99.23	Inf	-Inf	92.32	3	Horizontal	290	1.89	-	33.70	5.35	32.14
PK	5.3508G	67.03	74.00	-6.97	60.09	3	Horizontal	290	1.89	-	33.70	5.38	32.14
AV	5.35G	52.79	54.00	-1.21	45.86	3	Horizontal	290	1.89	-	33.70	5.37	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

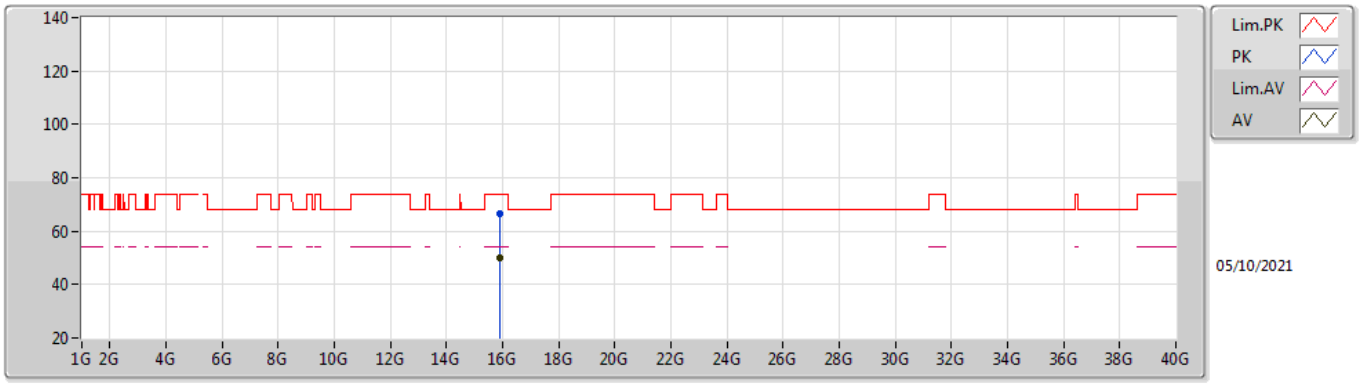


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.91816G	65.74	74.00	-8.26	51.94	3	Vertical	149	2.15	-	37.48	9.96	33.64
AV	15.93264G	49.49	54.00	-4.51	35.71	3	Vertical	149	2.15	-	37.47	9.97	33.66

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

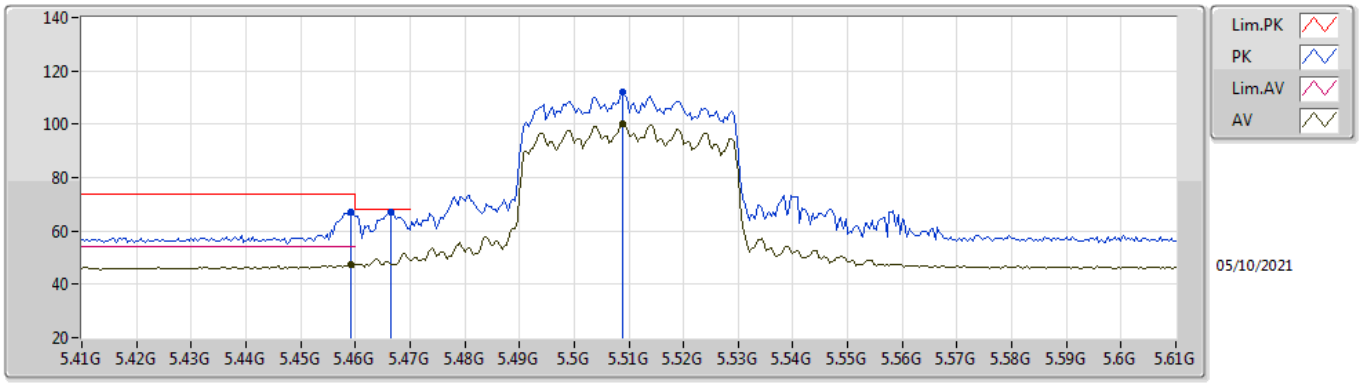


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.91976G	66.52	74.00	-7.48	52.73	3	Horizontal	201	3.00	-	37.48	9.96	33.65
AV	15.92408G	49.86	54.00	-4.14	36.06	3	Horizontal	201	3.00	-	37.48	9.97	33.65

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

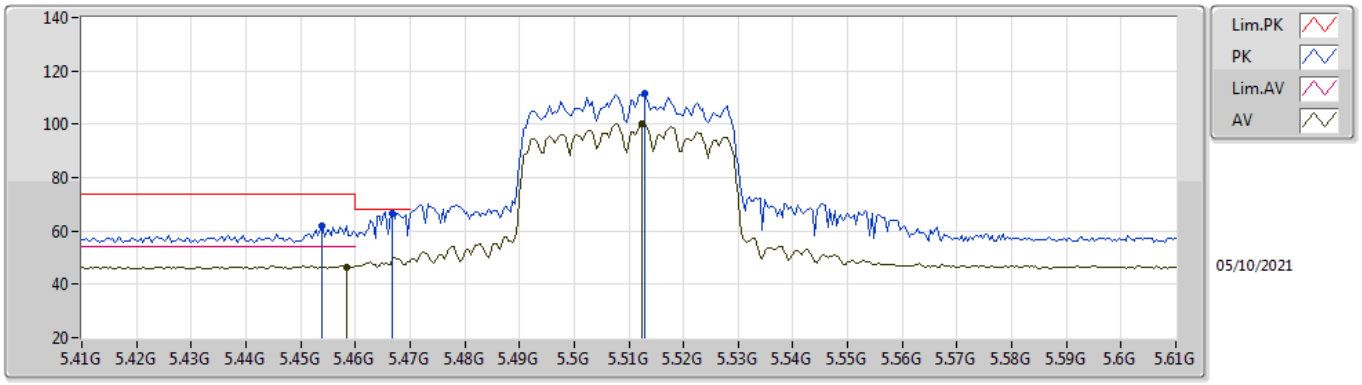


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	66.82	74.00	-7.18	59.59	3	Vertical	125	1.70	-	33.90	5.46	32.13
AV	5.4592G	47.17	54.00	-6.83	39.94	3	Vertical	125	1.70	-	33.90	5.46	32.13
PK	5.4664G	67.00	68.20	-1.20	59.76	3	Vertical	125	1.70	-	33.90	5.47	32.13
PK	5.5088G	112.16	Inf	-Inf	104.88	3	Vertical	125	1.70	-	33.90	5.51	32.13
AV	5.5088G	100.11	Inf	-Inf	92.83	3	Vertical	125	1.70	-	33.90	5.51	32.13

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

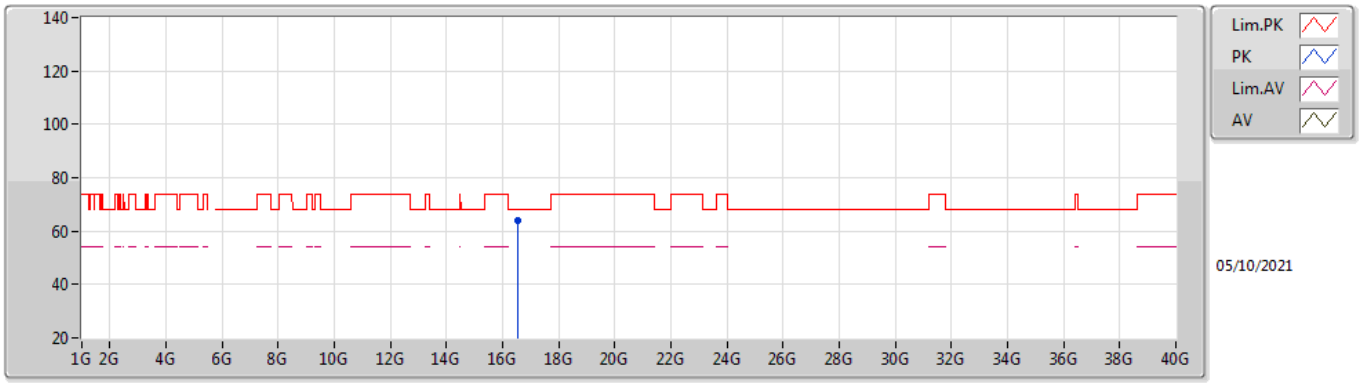


EUT Y_4TX
Setting 12.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.454G	61.99	74.00	-12.01	54.77	3	Horizontal	68	1.36	-	33.90	5.45	32.13
AV	5.4584G	46.63	54.00	-7.37	39.40	3	Horizontal	68	1.36	-	33.90	5.46	32.13
PK	5.4668G	66.78	68.20	-1.42	59.54	3	Horizontal	68	1.36	-	33.90	5.47	32.13
PK	5.5128G	111.72	Inf	-Inf	104.44	3	Horizontal	68	1.36	-	33.90	5.51	32.13
AV	5.5124G	100.11	Inf	-Inf	92.83	3	Horizontal	68	1.36	-	33.90	5.51	32.13

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

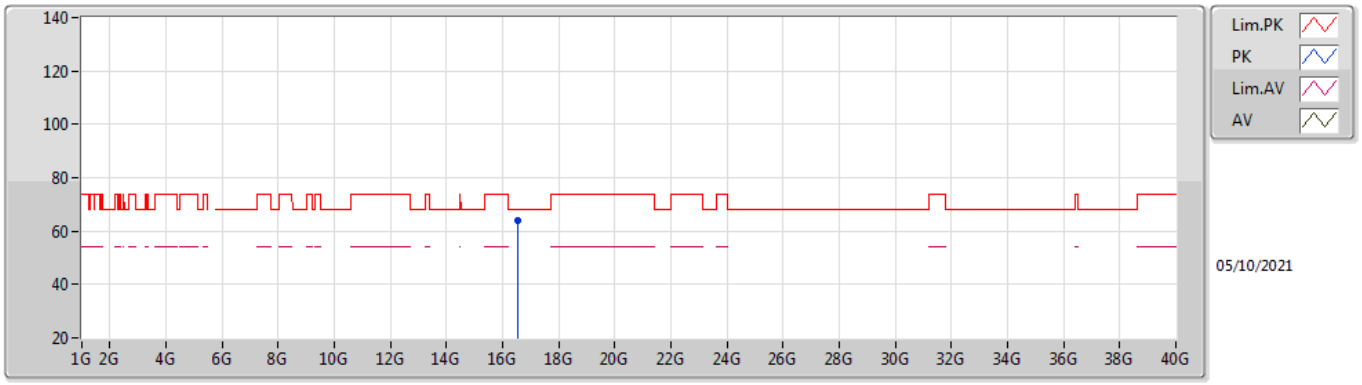


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.53984G	63.81	68.20	-4.39	47.59	3	Vertical	96	1.91	-	39.06	10.27	33.11

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

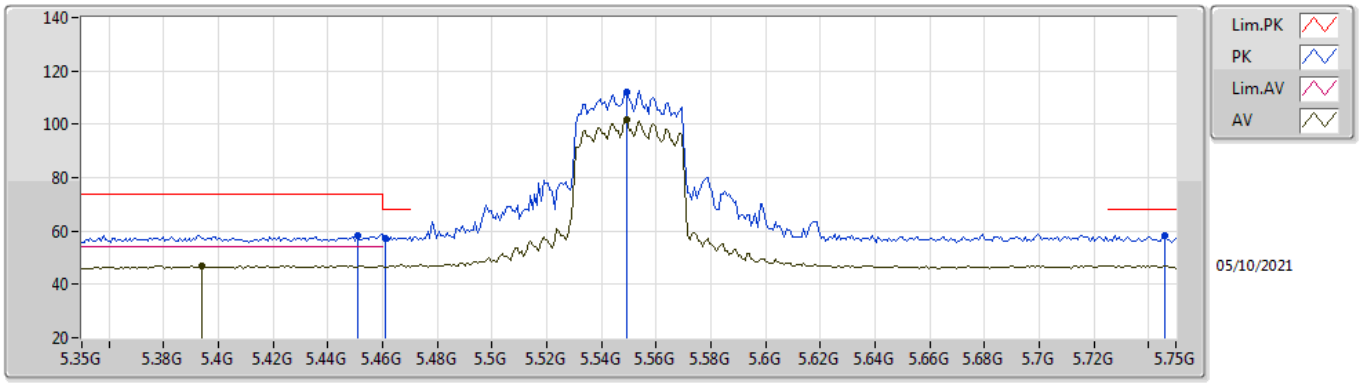


EUT Y_4TX
Setting 12.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.53752G	63.71	68.20	-4.49	47.51	3	Horizontal	206	2.96	-	39.04	10.27	33.11

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

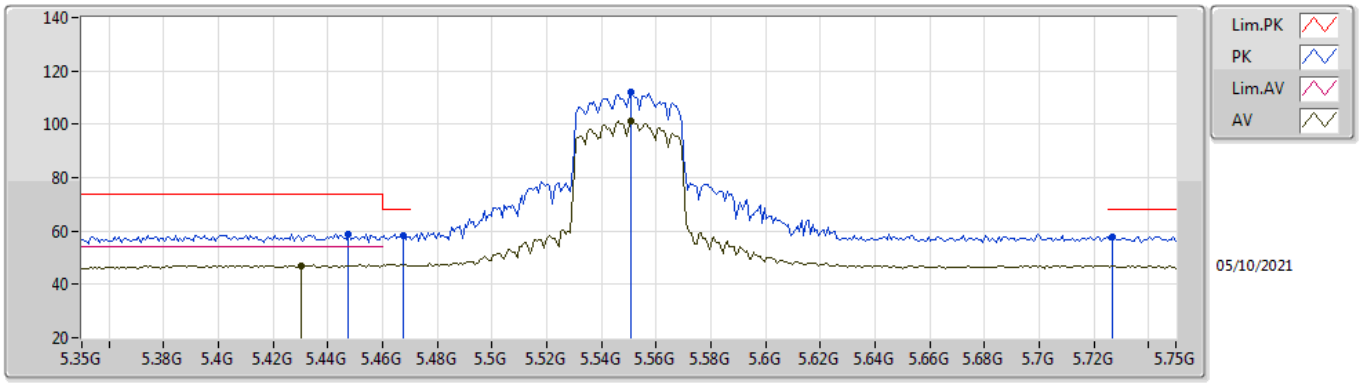


EUT Y_4TX
Setting 14.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
AV	5.394G	46.72	54.00	-7.28	39.67	3	Vertical	128	1.77	-	33.79	5.40	32.14
PK	5.4508G	58.23	74.00	-15.77	51.01	3	Vertical	128	1.77	-	33.90	5.45	32.13
PK	5.4612G	57.30	68.20	-10.90	50.07	3	Vertical	128	1.77	-	33.90	5.46	32.13
PK	5.5492G	112.03	Inf	-Inf	104.71	3	Vertical	128	1.77	-	33.90	5.55	32.13
AV	5.5492G	101.48	Inf	-Inf	94.16	3	Vertical	128	1.77	-	33.90	5.55	32.13
PK	5.746G	58.05	68.20	-10.15	50.80	3	Vertical	128	1.77	-	33.79	5.60	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

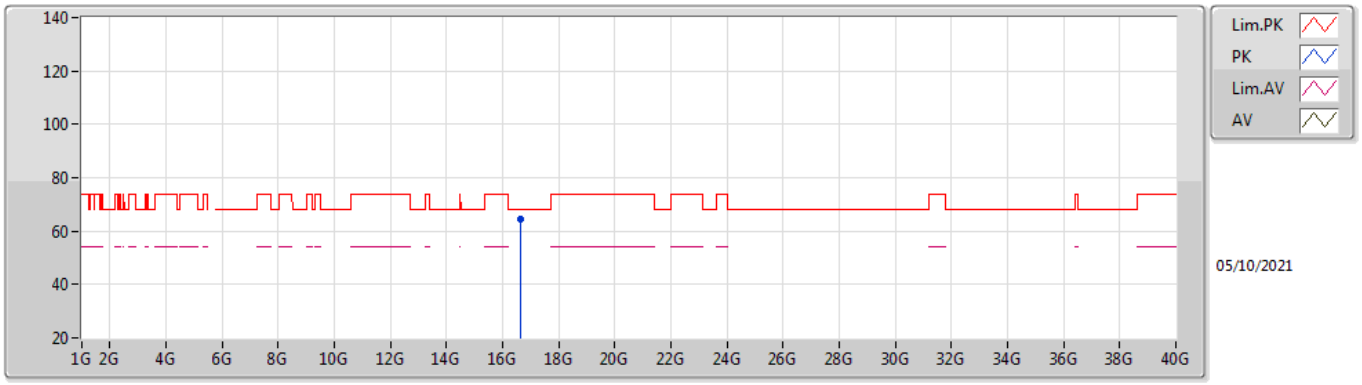


EUT Y_4TX
Setting 14.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4476G	58.71	74.00	-15.29	51.49	3	Horizontal	64	1.80	-	33.90	5.45	32.13
AV	5.43G	47.02	54.00	-6.98	39.86	3	Horizontal	64	1.80	-	33.86	5.43	32.13
PK	5.4676G	58.45	68.20	-9.75	51.21	3	Horizontal	64	1.80	-	33.90	5.47	32.13
PK	5.5508G	112.27	Inf	-Inf	104.95	3	Horizontal	64	1.80	-	33.90	5.55	32.13
AV	5.5508G	101.35	Inf	-Inf	94.03	3	Horizontal	64	1.80	-	33.90	5.55	32.13
PK	5.7268G	57.54	68.20	-10.66	50.33	3	Horizontal	64	1.80	-	33.75	5.60	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

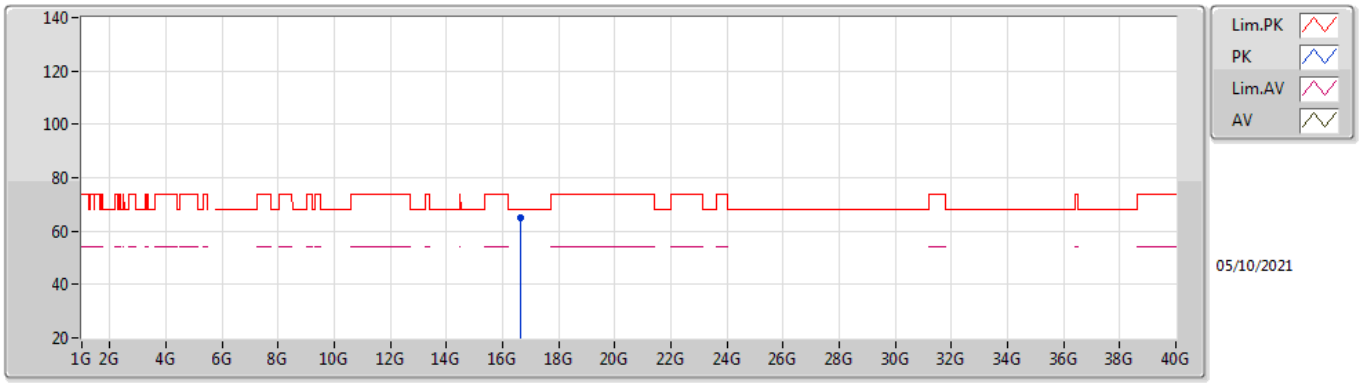


EUT Y_4TX
Setting 14.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.63728G	64.52	68.20	-3.68	47.76	3	Vertical	177	2.25	-	39.64	10.32	33.20

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

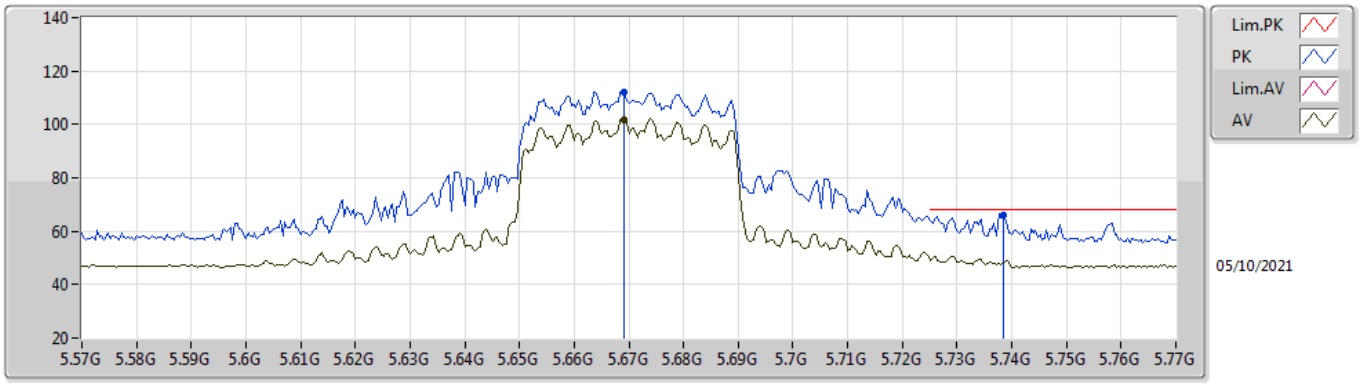


EUT Y_4TX
Setting 14.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.6576G	64.75	68.20	-3.45	47.98	3	Horizontal	192	3.00	-	39.66	10.33	33.22

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

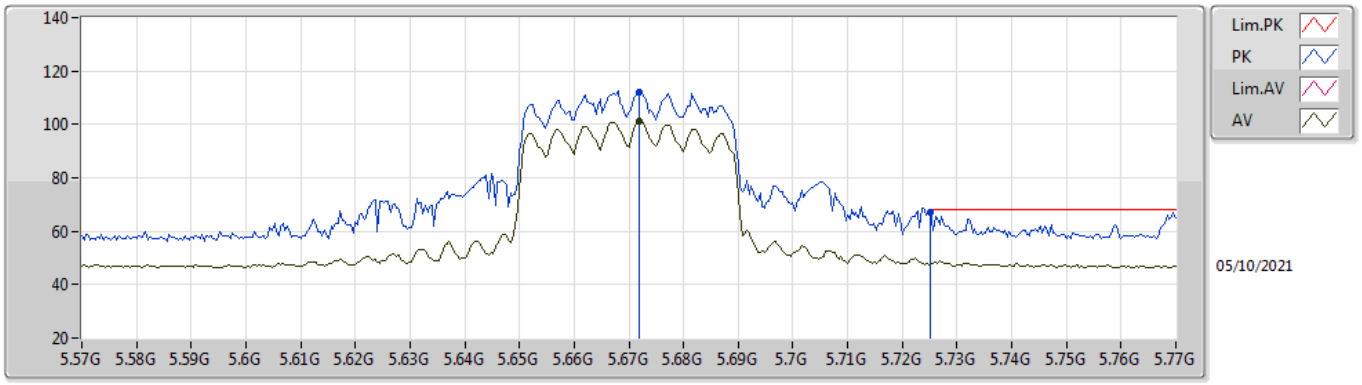


EUT Y_4TX
Setting 14.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6692G	112.26	Inf	-Inf	105.04	3	Vertical	123	1.70	-	33.76	5.60	32.14
AV	5.6692G	101.76	Inf	-Inf	94.54	3	Vertical	123	1.70	-	33.76	5.60	32.14
PK	5.7384G	66.05	68.20	-2.15	58.81	3	Vertical	123	1.70	-	33.78	5.60	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

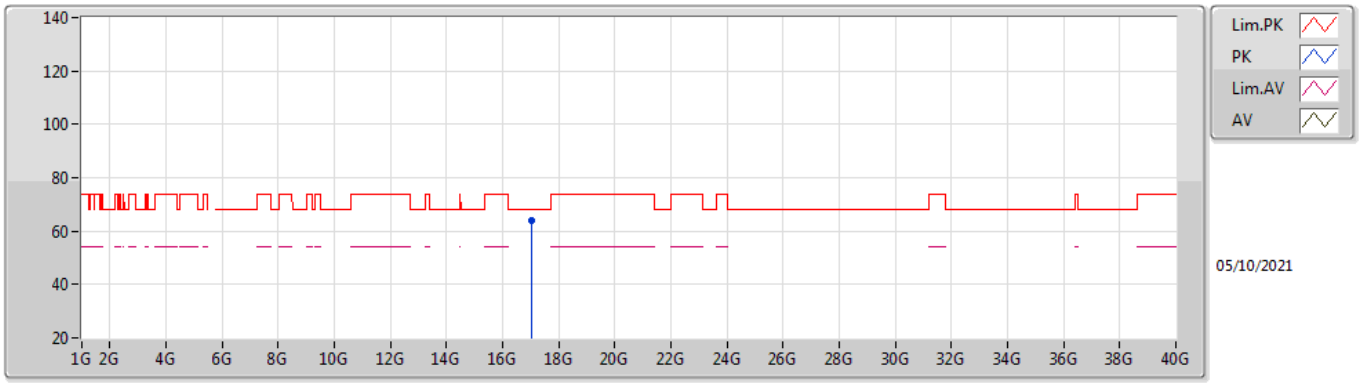


EUT Y_4TX
Setting 14.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.672G	112.10	Inf	-Inf	104.88	3	Horizontal	297	1.70	-	33.76	5.60	32.14
AV	5.672G	101.01	Inf	-Inf	93.79	3	Horizontal	297	1.70	-	33.76	5.60	32.14
PK	5.7252G	67.04	68.20	-1.16	59.83	3	Horizontal	297	1.70	-	33.75	5.60	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

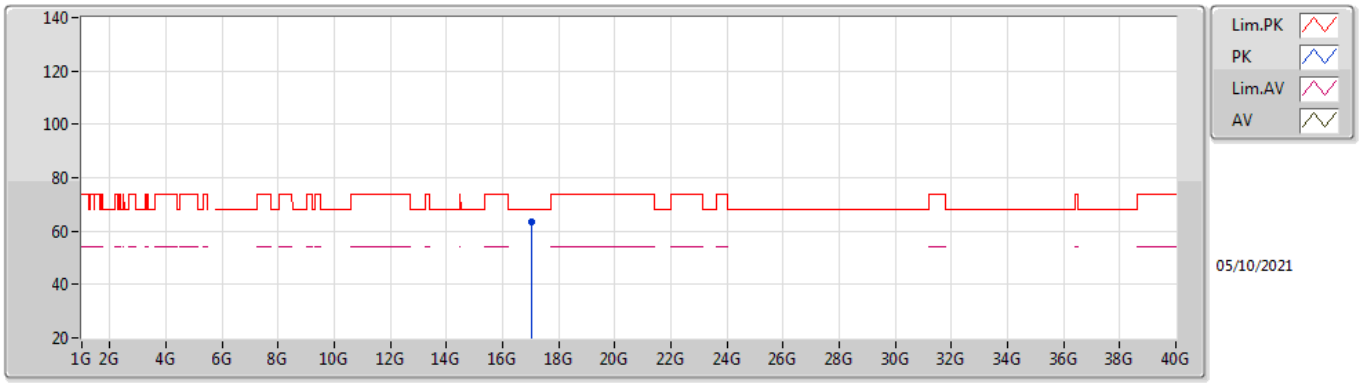


EUT Y_4TX
Setting 14.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.0116G	63.83	68.20	-4.37	45.64	3	Vertical	276	3.00	-	41.21	10.51	33.53

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

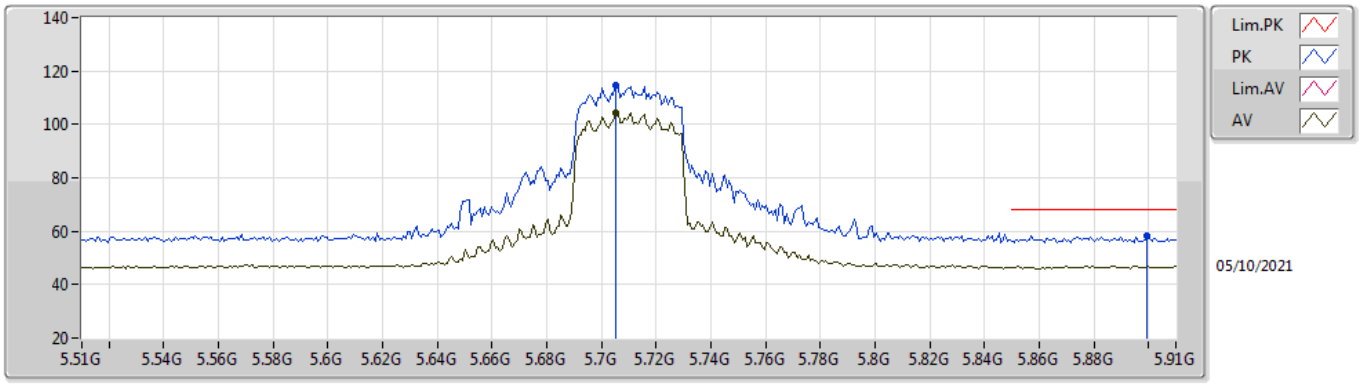


EUT Y_4TX
Setting 14.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.01792G	63.63	68.20	-4.57	45.42	3	Horizontal	193	3.00	-	41.22	10.51	33.52

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

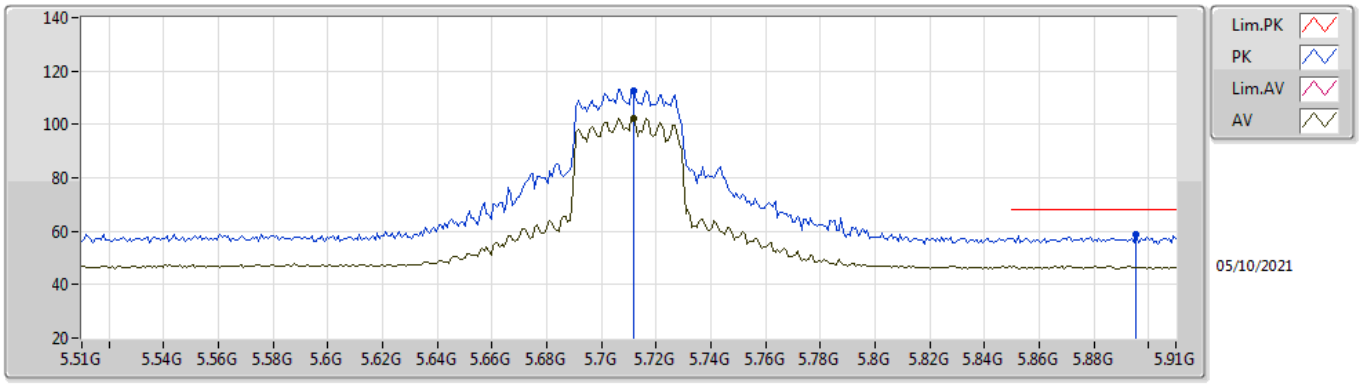


EUT Y_4TX
Setting 16.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7052G	114.86	Inf	-Inf	107.69	3	Vertical	11	2.56	-	33.71	5.60	32.14
AV	5.7052G	104.10	Inf	-Inf	96.93	3	Vertical	11	2.56	-	33.71	5.60	32.14
PK	5.8996G	58.08	68.20	-10.12	50.53	3	Vertical	11	2.56	-	34.00	5.70	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

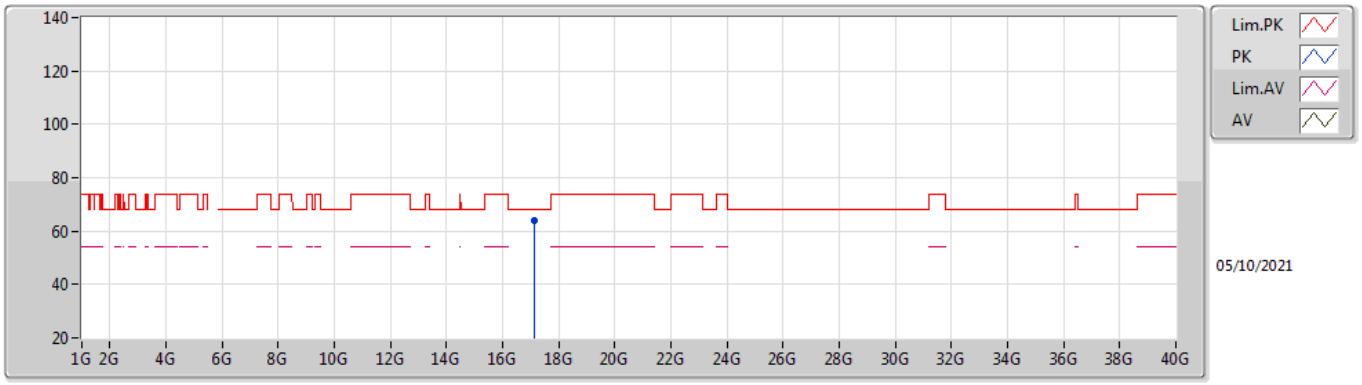


EUT Y_4TX
Setting 16.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7116G	112.84	Inf	-Inf	105.66	3	Horizontal	77	1.79	-	33.72	5.60	32.14
AV	5.7116G	102.47	Inf	-Inf	95.29	3	Horizontal	77	1.79	-	33.72	5.60	32.14
PK	5.8956G	58.54	68.20	-9.66	51.01	3	Horizontal	77	1.79	-	33.98	5.70	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

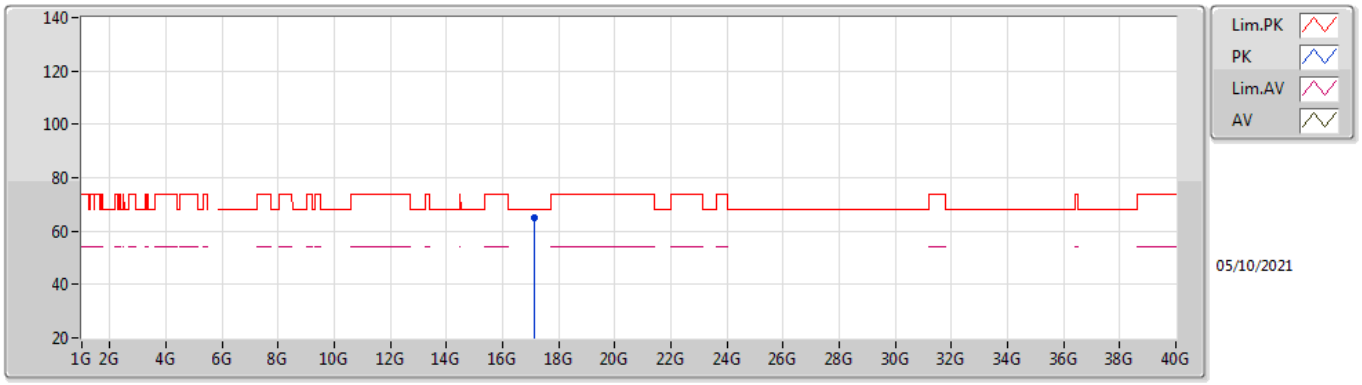


EUT Y_4TX
Setting 16.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.12776G	63.81	68.20	-4.39	45.15	3	Vertical	178	2.06	-	41.49	10.56	33.39

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

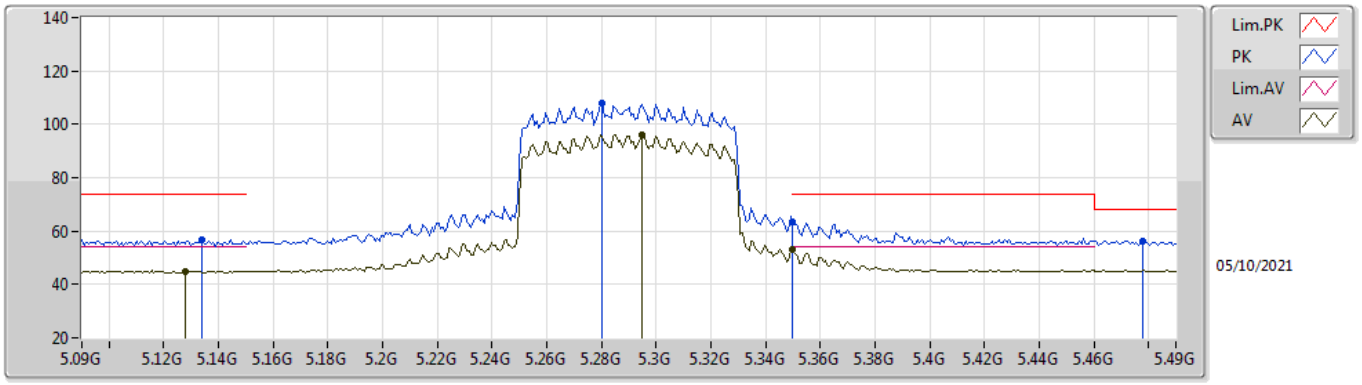


EUT Y_4TX
Setting 16.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.14224G	64.75	68.20	-3.45	45.96	3	Horizontal	214	1.86	-	41.60	10.57	33.38

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

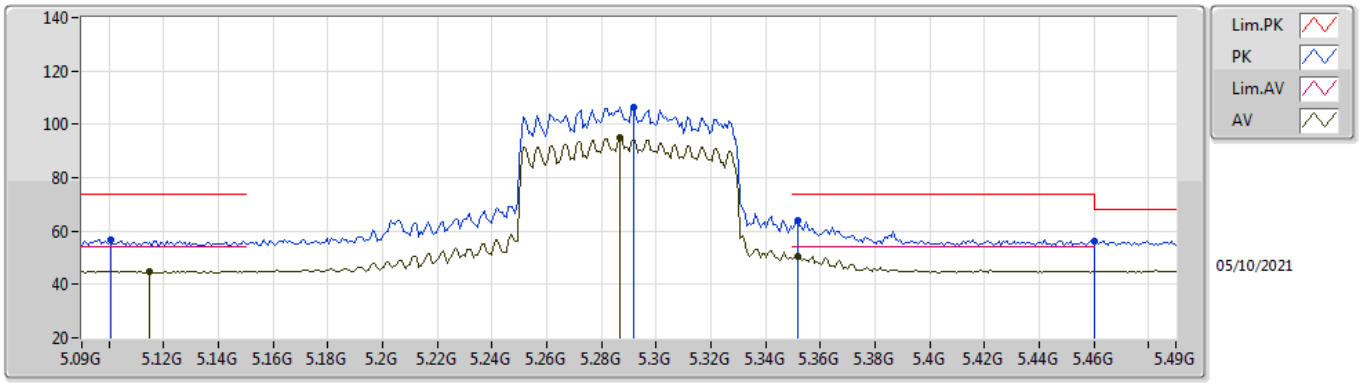


EUT Y_4TX
Setting 11.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.134G	56.49	74.00	-17.51	49.91	3	Vertical	108	1.60	-	33.50	5.23	32.15
AV	5.1276G	45.00	54.00	-9.00	38.42	3	Vertical	108	1.60	-	33.50	5.23	32.15
PK	5.2804G	107.75	Inf	-Inf	100.89	3	Vertical	108	1.60	-	33.66	5.34	32.14
AV	5.2948G	95.82	Inf	-Inf	88.92	3	Vertical	108	1.60	-	33.69	5.35	32.14
PK	5.35G	63.66	74.00	-10.34	56.73	3	Vertical	108	1.60	-	33.70	5.37	32.14
AV	5.35G	52.99	54.00	-1.01	46.06	3	Vertical	108	1.60	-	33.70	5.37	32.14
PK	5.478G	56.16	68.20	-12.04	48.91	3	Vertical	108	1.60	-	33.90	5.48	32.13

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

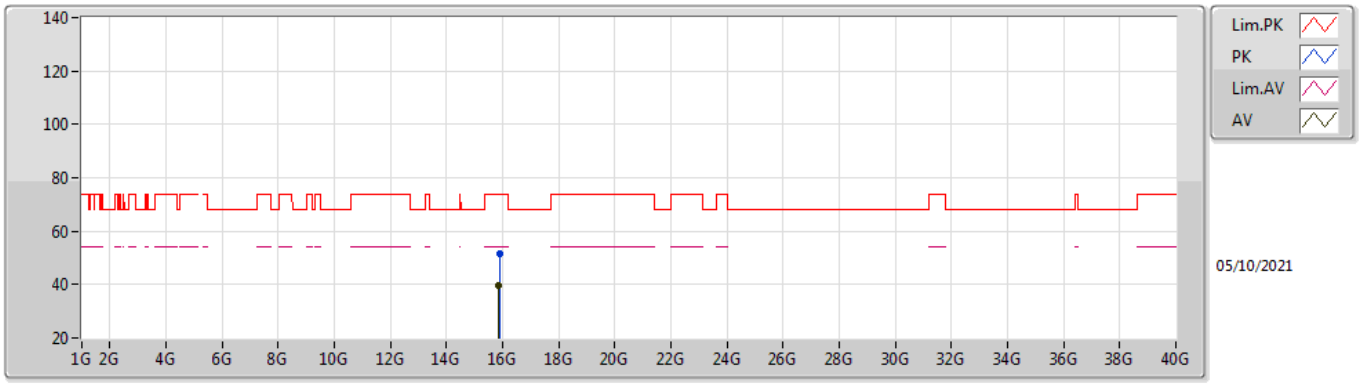


EUT Y_4TX
Setting 11.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1004G	56.49	74.00	-17.51	49.94	3	Horizontal	309	1.80	-	33.50	5.20	32.15
AV	5.1148G	44.99	54.00	-9.01	38.43	3	Horizontal	309	1.80	-	33.50	5.21	32.15
PK	5.2916G	106.62	Inf	-Inf	99.73	3	Horizontal	309	1.80	-	33.68	5.35	32.14
AV	5.2868G	95.01	Inf	-Inf	88.14	3	Horizontal	309	1.80	-	33.67	5.34	32.14
PK	5.3516G	64.01	74.00	-9.99	57.07	3	Horizontal	309	1.80	-	33.70	5.38	32.14
AV	5.3516G	50.43	54.00	-3.57	43.49	3	Horizontal	309	1.80	-	33.70	5.38	32.14
PK	5.4604G	56.44	68.20	-11.76	49.21	3	Horizontal	309	1.80	-	33.90	5.46	32.13

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

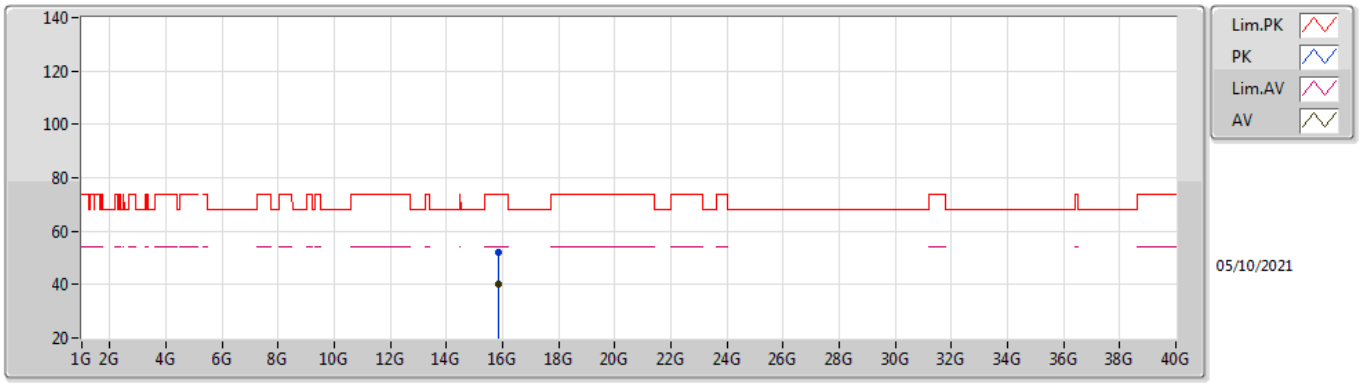


EUT Y_4TX
Setting 11.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.8909G	51.72	74.00	-22.28	37.89	3	Vertical	296	2.38	-	37.49	9.95	33.61
AV	15.8614G	39.86	54.00	-14.14	26.04	3	Vertical	296	2.38	-	37.46	9.94	33.58

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

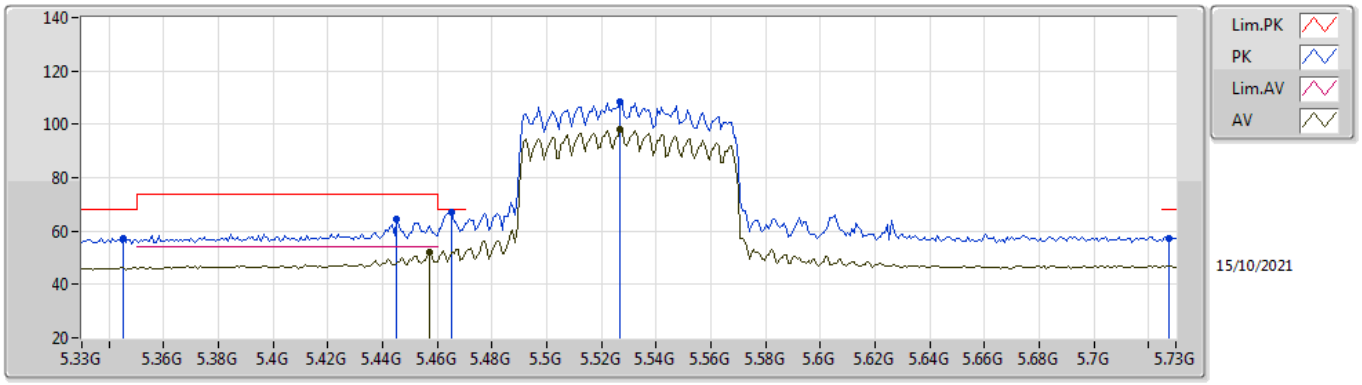


EUT Y_4TX
Setting 11.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.85G	51.83	74.00	-22.17	38.01	3	Horizontal	43	1.78	-	37.45	9.93	33.56
AV	15.8543G	40.32	54.00	-13.68	26.51	3	Horizontal	43	1.78	-	37.45	9.93	33.57

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

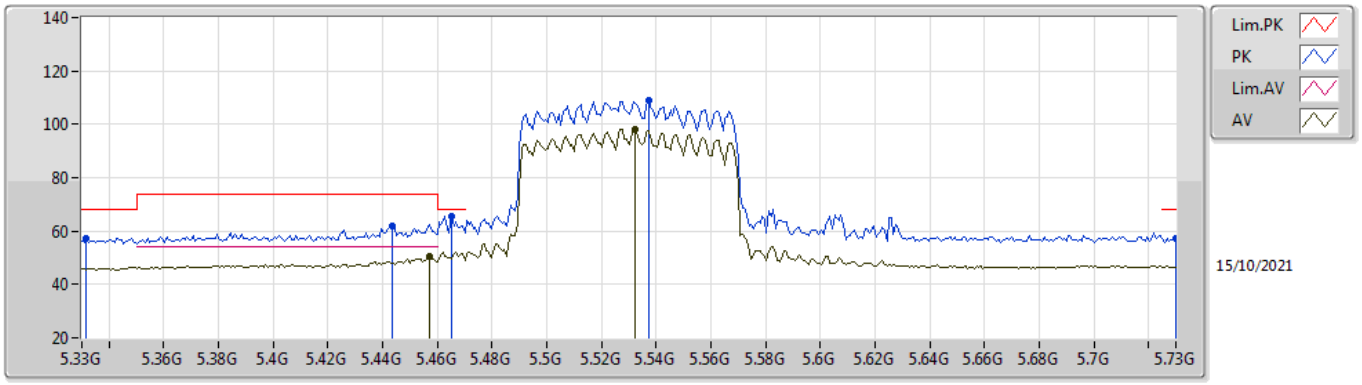


EUT Y_4TX
Setting 11.5
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3452G	57.43	68.20	-10.77	50.50	3	Vertical	129	1.80	-	33.70	5.37	32.14
PK	5.4452G	64.24	74.00	-9.76	57.03	3	Vertical	129	1.80	-	33.89	5.45	32.13
PK	5.4652G	66.86	68.20	-1.34	59.62	3	Vertical	129	1.80	-	33.90	5.47	32.13
AV	5.4572G	52.02	54.00	-1.98	44.79	3	Vertical	129	1.80	-	33.90	5.46	32.13
PK	5.5268G	108.45	Inf	-Inf	101.15	3	Vertical	129	1.80	-	33.90	5.53	32.13
AV	5.5268G	97.94	Inf	-Inf	90.64	3	Vertical	129	1.80	-	33.90	5.53	32.13
PK	5.7276G	57.14	68.20	-11.06	49.92	3	Vertical	129	1.80	-	33.76	5.60	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

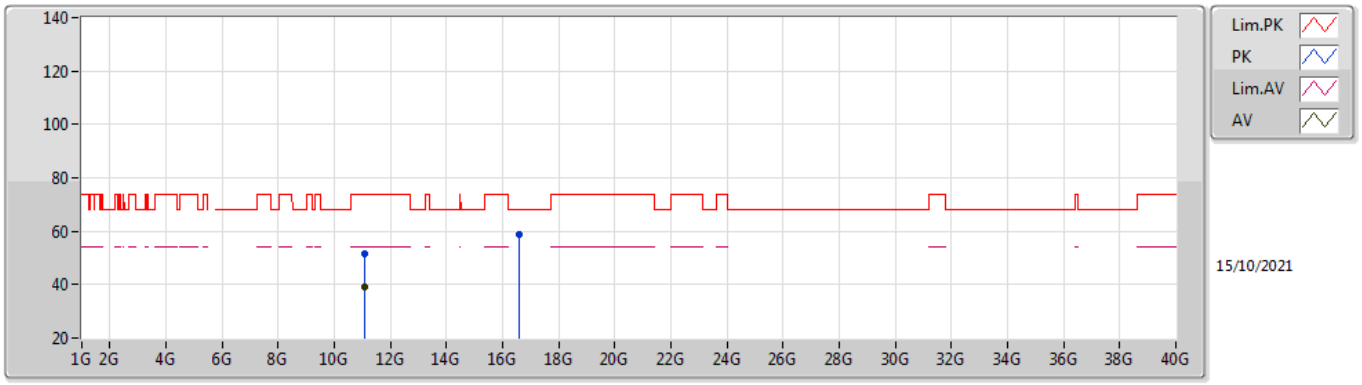


EUT Y_4TX
Setting 11.5
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3316G	57.15	68.20	-11.05	50.22	3	Horizontal	64	1.82	-	33.70	5.37	32.14
PK	5.4436G	62.11	74.00	-11.89	54.91	3	Horizontal	64	1.82	-	33.89	5.44	32.13
PK	5.4652G	65.75	68.20	-2.45	58.51	3	Horizontal	64	1.82	-	33.90	5.47	32.13
AV	5.4572G	50.41	54.00	-3.59	43.18	3	Horizontal	64	1.82	-	33.90	5.46	32.13
PK	5.5372G	108.72	Inf	-Inf	101.41	3	Horizontal	64	1.82	-	33.90	5.54	32.13
AV	5.5324G	97.94	Inf	-Inf	90.64	3	Horizontal	64	1.82	-	33.90	5.53	32.13
PK	5.73G	57.33	68.20	-10.87	50.11	3	Horizontal	64	1.82	-	33.76	5.60	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

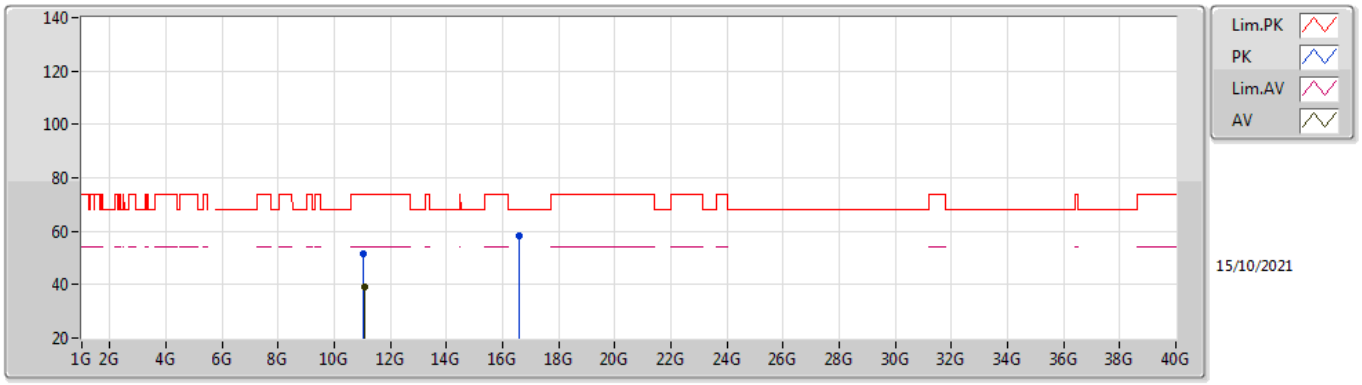


EUT Y_4TX
Setting 11.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05802G	51.60	74.00	-22.40	38.58	3	Vertical	211	2.53	-	38.56	7.72	33.26
AV	11.05942G	39.05	54.00	-14.95	26.03	3	Vertical	211	2.53	-	38.56	7.72	33.26
PK	16.5875G	58.58	68.20	-9.62	41.95	3	Vertical	282	2.29	-	39.49	10.29	33.15

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

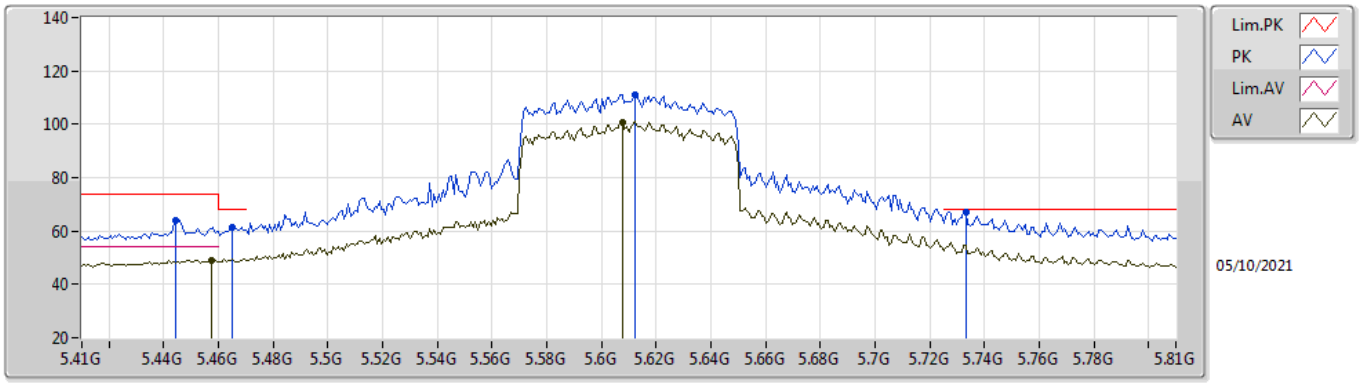


EUT Y_4TX
Setting 11.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05546G	51.53	74.00	-22.47	38.51	3	Horizontal	53	2.87	-	38.56	7.72	33.26
AV	11.06392G	39.26	54.00	-14.74	26.23	3	Horizontal	53	2.87	-	38.56	7.73	33.26
PK	16.5885G	58.18	68.20	-10.02	41.54	3	Horizontal	159	2.16	-	39.50	10.29	33.15

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

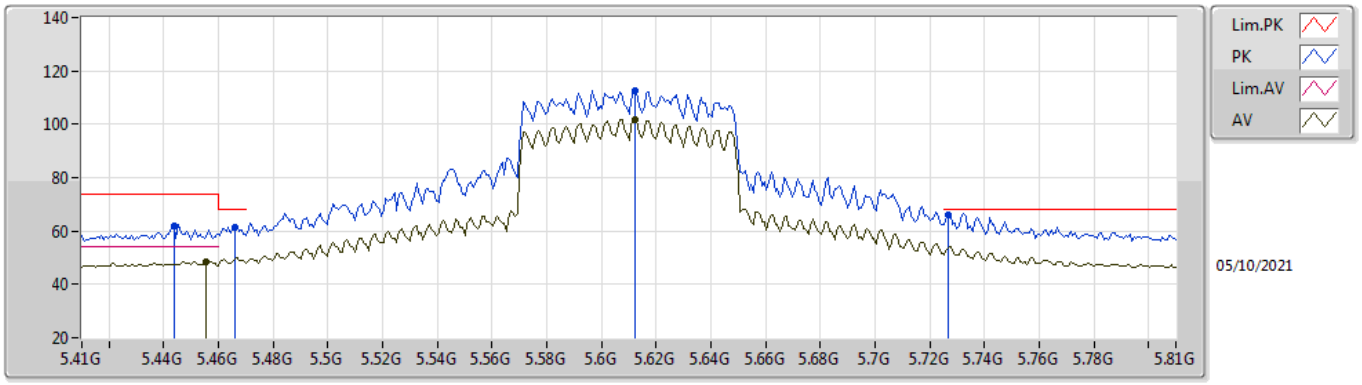


EUT Y_4TX
Setting 17
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4444G	63.99	74.00	-10.01	56.79	3	Vertical	95	1.80	-	33.89	5.44	32.13
PK	5.4652G	61.23	68.20	-6.97	53.99	3	Vertical	95	1.80	-	33.90	5.47	32.13
AV	5.4572G	48.73	54.00	-5.27	41.50	3	Vertical	95	1.80	-	33.90	5.46	32.13
PK	5.6124G	110.97	Inf	-Inf	103.63	3	Vertical	95	1.80	-	33.88	5.60	32.14
AV	5.6076G	100.91	Inf	-Inf	93.57	3	Vertical	95	1.80	-	33.88	5.60	32.14
PK	5.7332G	67.02	68.20	-1.18	59.79	3	Vertical	95	1.80	-	33.77	5.60	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

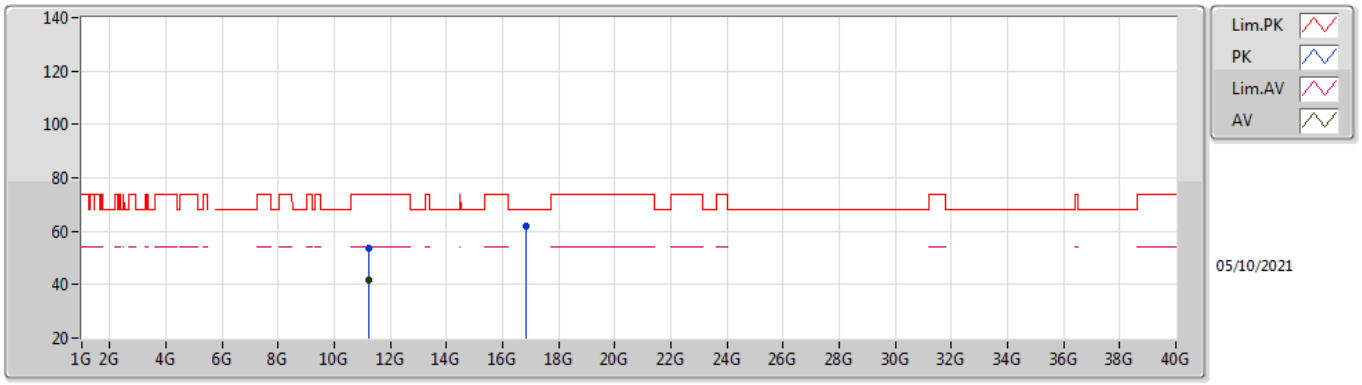


EUT Y_4TX
Setting 17
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4436G	61.78	74.00	-12.22	54.58	3	Horizontal	59	1.61	-	33.89	5.44	32.13
PK	5.466G	61.43	68.20	-6.77	54.19	3	Horizontal	59	1.61	-	33.90	5.47	32.13
AV	5.4556G	48.27	54.00	-5.73	41.04	3	Horizontal	59	1.61	-	33.90	5.46	32.13
PK	5.6124G	112.50	Inf	-Inf	105.16	3	Horizontal	59	1.61	-	33.88	5.60	32.14
AV	5.6124G	101.69	Inf	-Inf	94.35	3	Horizontal	59	1.61	-	33.88	5.60	32.14
PK	5.7268G	66.04	68.20	-2.16	58.83	3	Horizontal	59	1.61	-	33.75	5.60	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

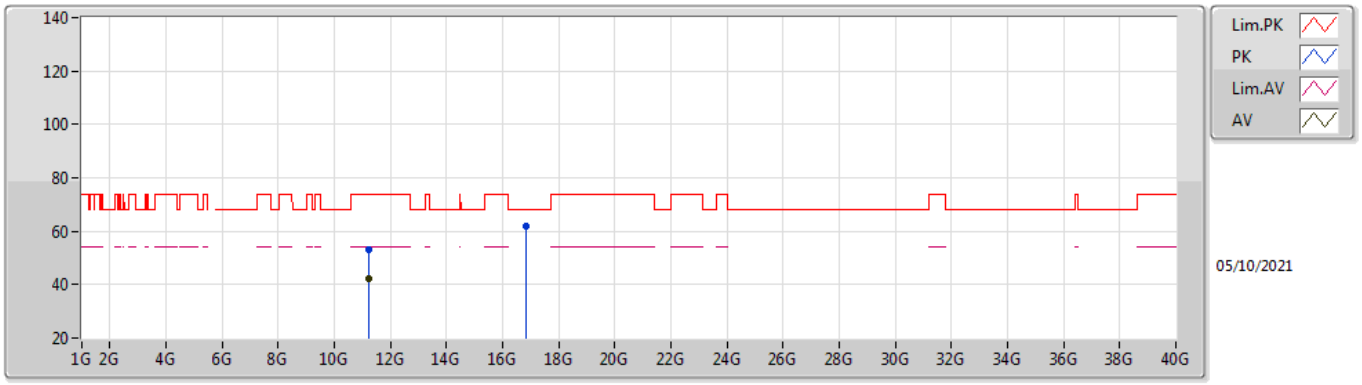


EUT Y_4TX
Setting 17
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.23672G	53.74	74.00	-20.26	40.50	3	Vertical	273	2.30	-	38.70	7.79	33.25
AV	11.21856G	41.80	54.00	-12.20	28.56	3	Vertical	273	2.30	-	38.70	7.79	33.25
PK	16.82952G	62.08	68.20	-6.12	44.63	3	Vertical	72	2.58	-	40.42	10.41	33.38

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

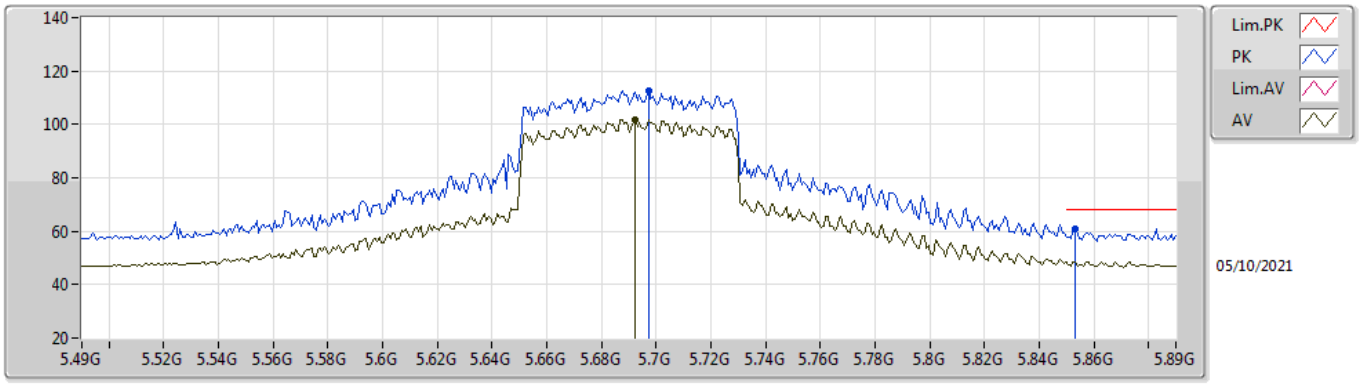


EUT Y_4TX
Setting 17
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.2332G	53.36	74.00	-20.64	40.12	3	Horizontal	89	2.55	-	38.70	7.79	33.25
AV	11.22296G	42.03	54.00	-11.97	28.79	3	Horizontal	89	2.55	-	38.70	7.79	33.25
PK	16.82008G	61.98	68.20	-6.22	44.56	3	Horizontal	209	1.81	-	40.38	10.41	33.37

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

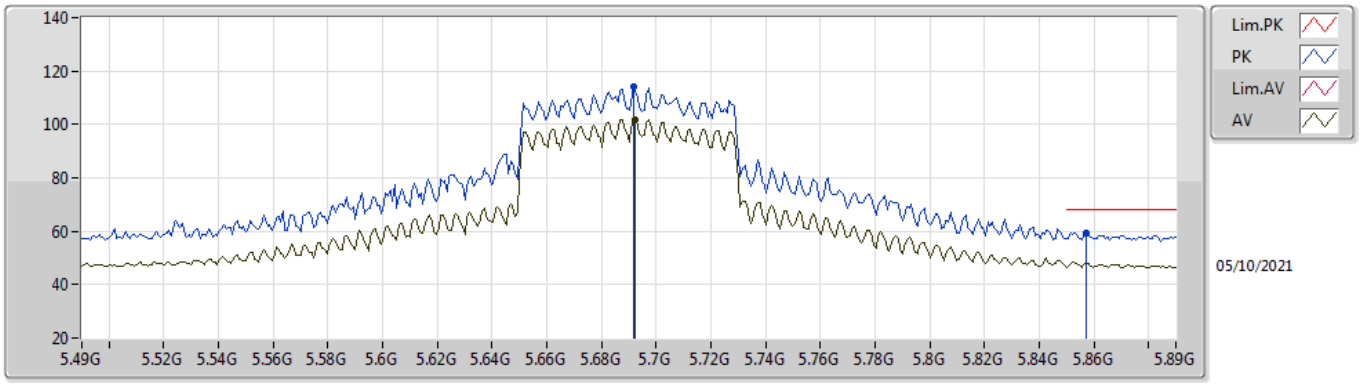


EUT Y_4TX
Setting 17.5
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6972G	112.47	Inf	-Inf	105.30	3	Vertical	96	1.67	-	33.71	5.60	32.14
AV	5.6924G	101.58	Inf	-Inf	94.40	3	Vertical	96	1.67	-	33.72	5.60	32.14
PK	5.8532G	60.62	68.20	-7.58	53.31	3	Vertical	96	1.67	-	33.81	5.65	32.15

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

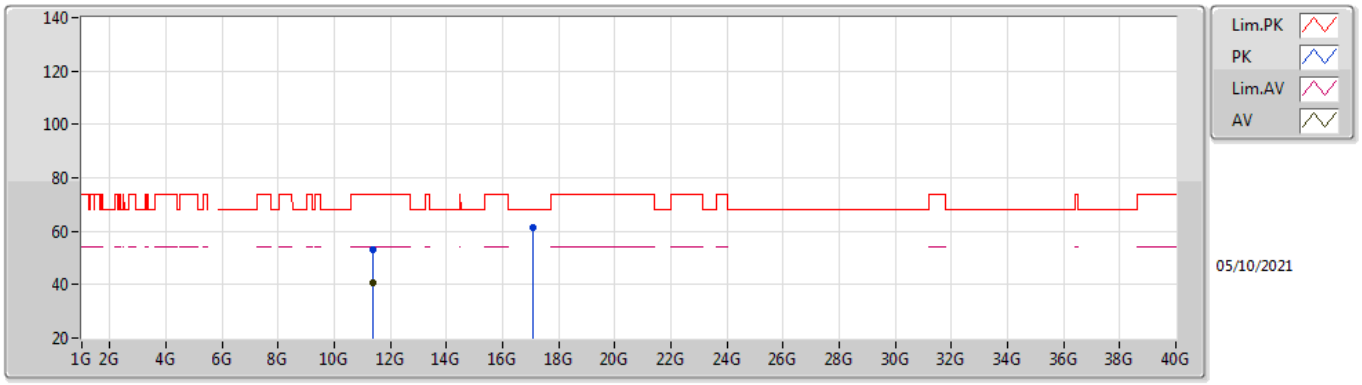


EUT Y_4TX
Setting 17.5
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6916G	114.09	Inf	-Inf	106.91	3	Horizontal	64	1.80	-	33.72	5.60	32.14
AV	5.6924G	101.93	Inf	-Inf	94.75	3	Horizontal	64	1.80	-	33.72	5.60	32.14
PK	5.8572G	59.07	68.20	-9.13	51.73	3	Horizontal	64	1.80	-	33.83	5.66	32.15

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

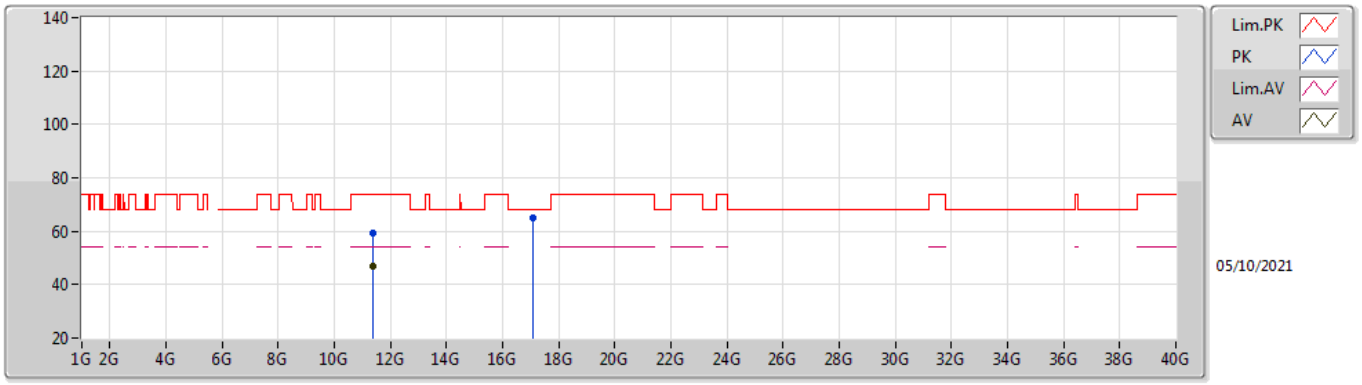


EUT Y_4TX
Setting 17.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39688G	52.94	74.00	-21.06	39.51	3	Vertical	116	1.42	-	38.80	7.86	33.23
AV	11.38384G	40.88	54.00	-13.12	27.48	3	Vertical	116	1.42	-	38.78	7.85	33.23
PK	17.08168G	61.63	68.20	-6.57	43.26	3	Vertical	314	1.05	-	41.28	10.54	33.45

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom



EUT Y_4TX
Setting 17.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39648G	59.19	74.00	-14.81	45.76	3	Horizontal	264	1.55	-	38.80	7.86	33.23
AV	11.38136G	46.87	54.00	-7.13	33.47	3	Horizontal	264	1.55	-	38.78	7.85	33.23
PK	17.0752G	64.99	68.20	-3.21	46.62	3	Horizontal	195	2.98	-	41.28	10.54	33.45