RADIO TEST REPORT

FCC ID	:	2ABLK-GM2037
Equipment	:	GigaSpire Mesh BLAST u6me
Brand Name	:	Calix
Model Name	:	u6me
Applicant	:	Calix Inc. 1035 N. McDowell Blvd. Petaluma, CA94954 U.S.A.
Manufacturer	:	Calix Inc. 1035 N. McDowell Blvd. Petaluma, CA94954 U.S.A.
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 11, 2021, and testing was started from Nov. 11, 2021 and completed on Dec. 08, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR1O1539-01	01	Initial issue of report	Mar. 07, 2022

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:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
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: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX

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

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz					
1	1	1	-	GALTRONICS	02102140-07461-2	Dipole	U.FL	Note1
2	2	2	-	GALTRONICS	02102140-07461-1	Dipole	U.FL	
3	-	-	1	GALTRONICS	02102475-07461-2	Dipole	U.FL	
4	-	-	2	GALTRONICS	02102475-07461-1	Dipole	U.FL	

Note 1:

Ant.	Port			Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz			
					UNII 1	UNII2A	UNII2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	1	1	-	2.617	3.761	4.190	2.280	3.221	-	-	-	-
2	2	2	-	2.626	3.600	3.240	2.670	3.333	-	-	-	-
3	-	-	1	-	-	-	-	-	2.558	2.781	3.076	2.982
4	-	-	2	-	-	-	-	-	3.076	3.246	3.429	3.347

Note 2:

<For UNII 1 and UNII 3>

The directional gain is measured which follows the procedure of KDB 662911 D01.

Directional gain information

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

Ex.

Directional Gain (NSS1) formula : $Directiona lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$

gj,k =$(Nss1(g1,1) + Nss1(g1,2))^2$

DG = 10 log[$(Nss1(g1,1) + Nss1(g1,2) / N_{ANT}$] => 10 log[$(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}$]

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain

2.4GHz DG = 5.632 dBi

5 GHz U-NII-1 DG = 6.691 dBi

5 GHz U-NII-3 DG = 6.287 dBi

Note 3:

<For UNII 2A and UNII2C>

The directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.

Directional Gain (dBi)		
	UNII2A	**UNII2C**
2T1S	4.28	4.53
2T2S	1.68	2.07

Note 3: The above information was declared by manufacturer.

The EUT has four antennas.

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11ax mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.955	0.2	1.98m	1k
802.11ax HEW20-BF	0.912	0.4	1.766m	1k
802.11ax HEW40-BF	0.923	0.35	1.766m	1k
802.11ax HEW80-BF	0.899	0.46	1.69m	1k

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 11n/VHT/ax in 2.4GHz, 11n/ac/ax in 5GHz and ax in 6GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
TPC Function	☒	With TPC	☐	Without TPC
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	For non-beamforming: QRCT V 4.0.00192.0 For beamforming: DOS V6.1.7601			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function
AP Router
Extender

Note 1: After evaluating, AP Router was selected to test and record in the report.
Note 2: The above information was declared by manufacturer.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR1O1539AB

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 (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak 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 D03 v01
- 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	TH03-CB	Owen Hsu	19.1~20.4 / 51~53	Nov. 12, 2021~ Dec. 08, 2021
Radiated	03CH02-CB	Simmon Cheng	22.8-23.7 / 55-59	Nov. 11, 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

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	20
5300MHz	19.5
5320MHz	19.5
5500MHz	20
5580MHz	20
5700MHz	20
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	23
5300MHz	23
5320MHz	23
5500MHz	23
5580MHz	23
5700MHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	22
5310MHz	22
5510MHz	22
5550MHz	22
5670MHz	22
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	23
5530MHz	23
5610MHz	23

Note:
- Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been evaluated to be the worst case, so it was selected to test.

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 as below:	
1	EUT in Z axis

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 + WLAN 6GHz
Refer to Sporton Test Report No.: FA1O1539-01 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:
<Non-beamforming mode>
The EUT was programmed to be in continuously transmitting mode.

<Beamforming mode>
During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	Ktec	KSA-24W-120200HU	Input: 100-240V~50/60Hz, 0.6A Output: 12V, 2.0A

2.5 Support Equipment

For Radiated and RF Conducted:
<Non-beamforming mode>

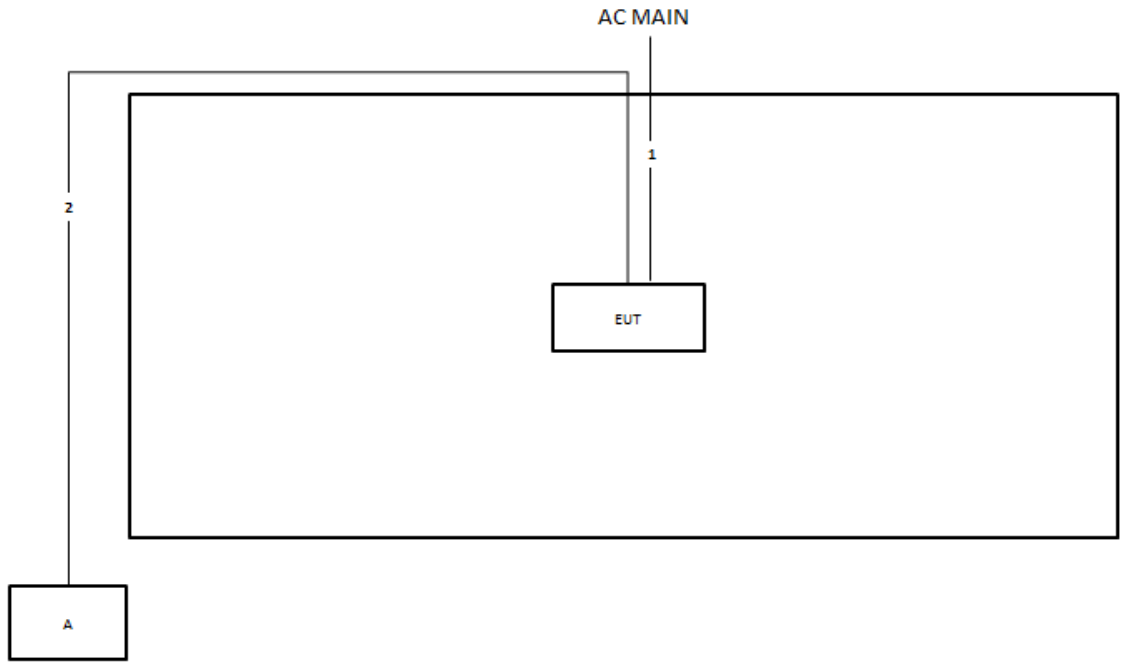
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

<Beamforming mode>

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	WLAN AP	CyberTAN	MT1V116	N/A
C	NB	DELL	E4300	N/A

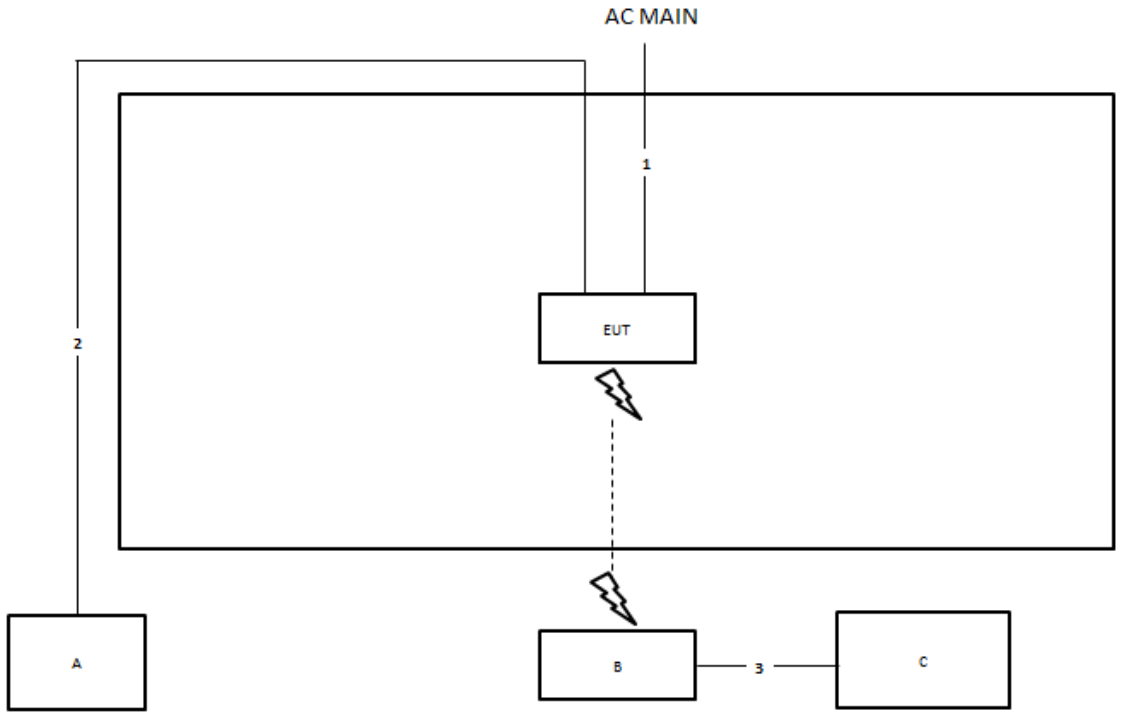
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test
<Non-beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test
<Beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	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, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
☐	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 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.

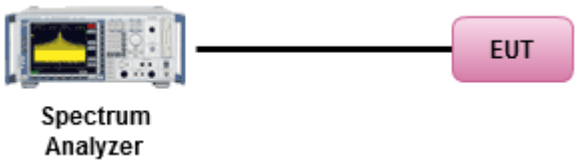
3.1.2 Measuring Instruments

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 D02, 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


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	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, 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 D02, 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]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.2.4 Test Setup

Conducted Measurement (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

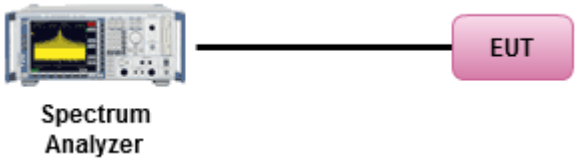
Refer a test equipment and calibration data table in this test report.

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 D02, 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 D02, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, 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 D02, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, 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])

Test Method		
		$EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement


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

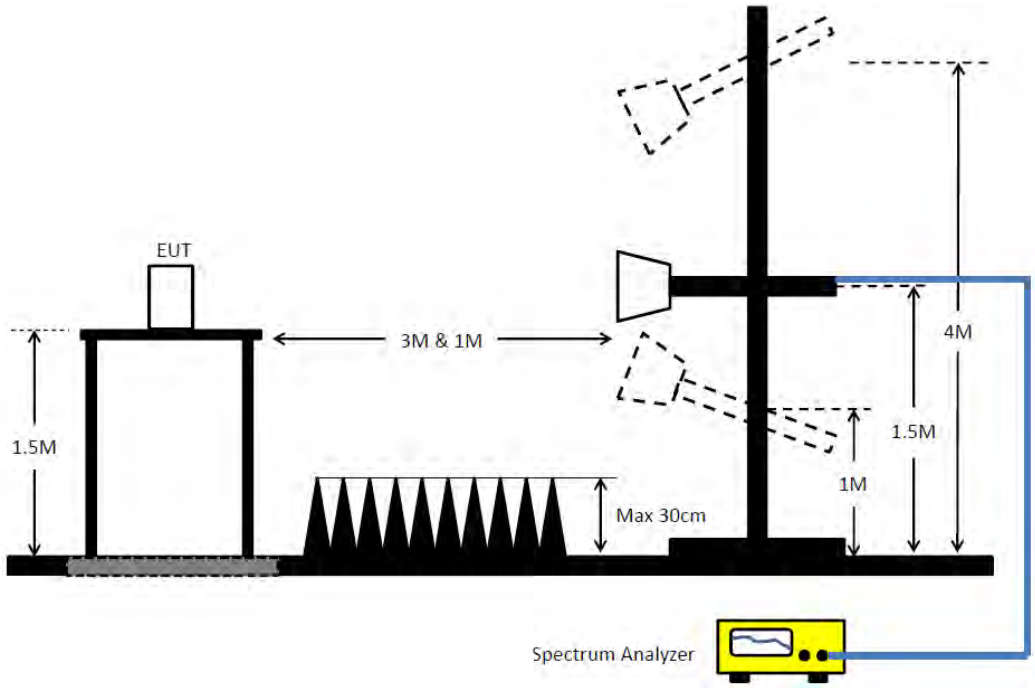
Refer a test equipment and calibration data table in this test report.

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 D02, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033 D02, 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 D02, 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.			

Test Method
▪ 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
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
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-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 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)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-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)_2TX	20.76M	16.462M	16M5D1D	20.46M	16.432M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.93M	18.951M	19M0D1D	21.33M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.28M	37.901M	37M9D1D	40.32M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.56M	77.241M	77M2D1D	82.2M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.52M	16.432M	16M4D1D	20.04M	16.432M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.78M	18.951M	19M0D1D	21.51M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.28M	37.961M	38M0D1D	40.14M	37.301M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.32M	77.481M	77M5D1D	82.2M	77.241M

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

Result

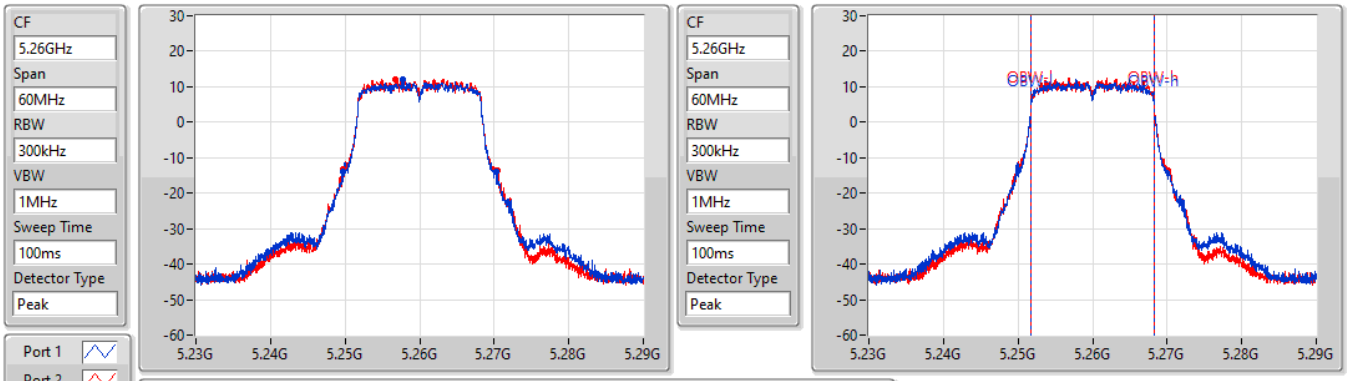
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.58M	16.432M	20.76M	16.432M
5300MHz	Pass	Inf	20.49M	16.432M	20.64M	16.432M
5320MHz	Pass	Inf	20.46M	16.462M	20.55M	16.432M
5500MHz	Pass	Inf	20.04M	16.432M	20.52M	16.432M
5580MHz	Pass	Inf	20.52M	16.432M	20.4M	16.432M
5700MHz	Pass	Inf	20.04M	16.432M	20.43M	16.432M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.93M	18.921M	21.33M	18.951M
5300MHz	Pass	Inf	21.57M	18.921M	21.36M	18.921M
5320MHz	Pass	Inf	21.51M	18.951M	21.66M	18.951M
5500MHz	Pass	Inf	21.72M	18.951M	21.51M	18.891M
5580MHz	Pass	Inf	21.78M	18.921M	21.75M	18.951M
5700MHz	Pass	Inf	21.72M	18.921M	21.72M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.32M	37.781M	41.1M	37.901M
5310MHz	Pass	Inf	41.28M	37.841M	41.16M	37.841M
5510MHz	Pass	Inf	41.28M	37.901M	41.22M	37.901M
5550MHz	Pass	Inf	40.74M	37.781M	40.98M	37.901M
5670MHz	Pass	Inf	41.22M	37.961M	40.14M	37.301M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.56M	77.241M	82.2M	77.241M
5530MHz	Pass	Inf	82.32M	77.241M	82.2M	77.481M
5610MHz	Pass	Inf	82.2M	77.481M	82.32M	77.241M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

12/11/2021

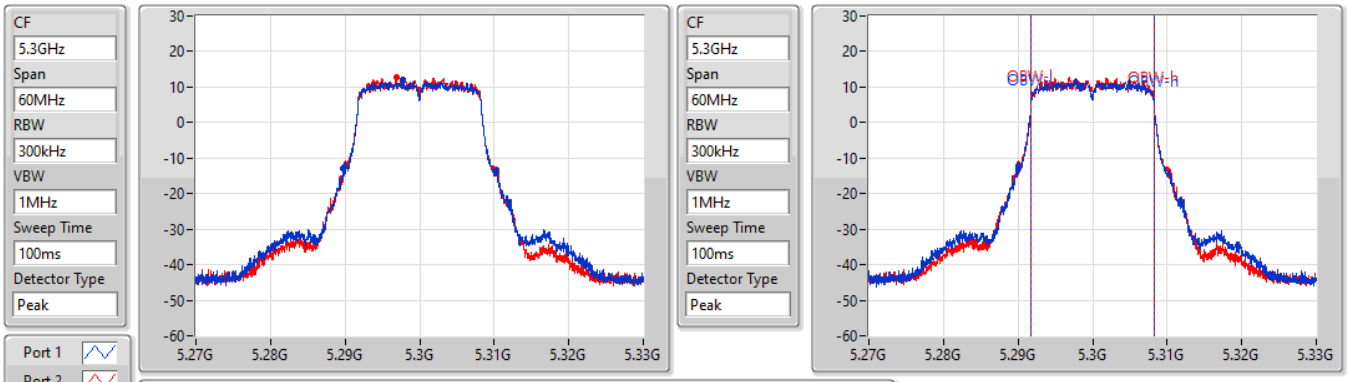


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.24968G	5.27026G	16.432M	5.251784G	5.268216G	Inf	1
20.76M	5.24971G	5.27047G	16.432M	5.251784G	5.268216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

12/11/2021

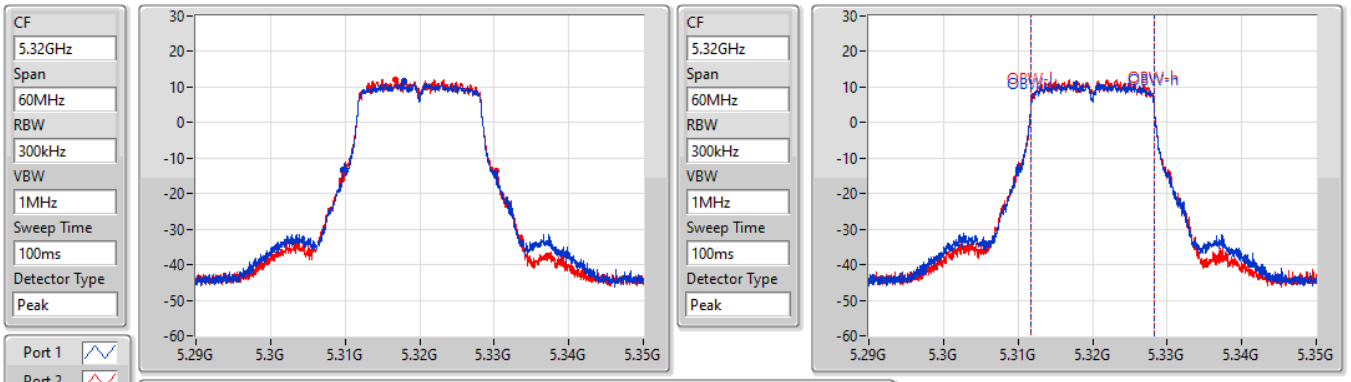


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.28971G	5.3102G	16.432M	5.291784G	5.308216G	Inf	1
20.64M	5.28971G	5.31035G	16.432M	5.291784G	5.308216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

12/11/2021

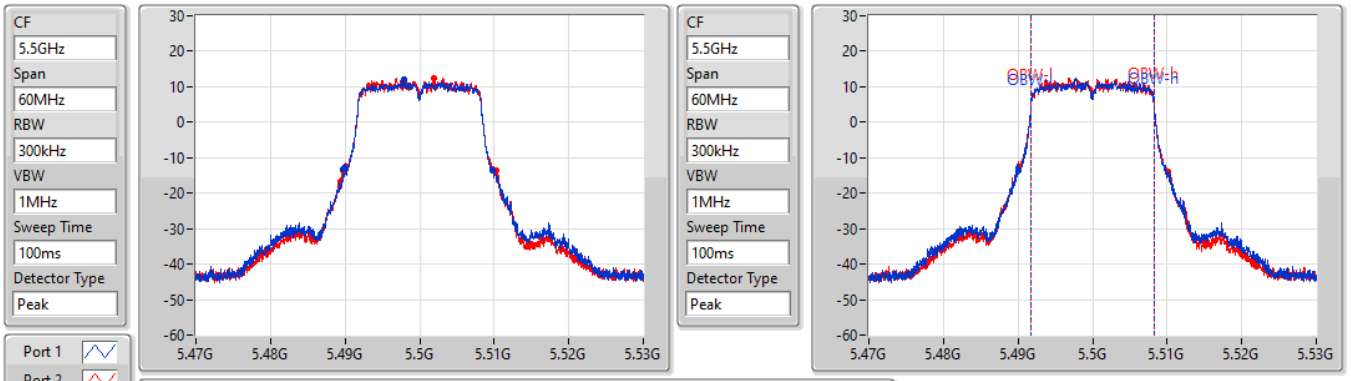


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.30971G	5.33017G	16.462M	5.311754G	5.328216G	Inf	1
20.55M	5.30968G	5.33023G	16.432M	5.311784G	5.328216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

12/11/2021

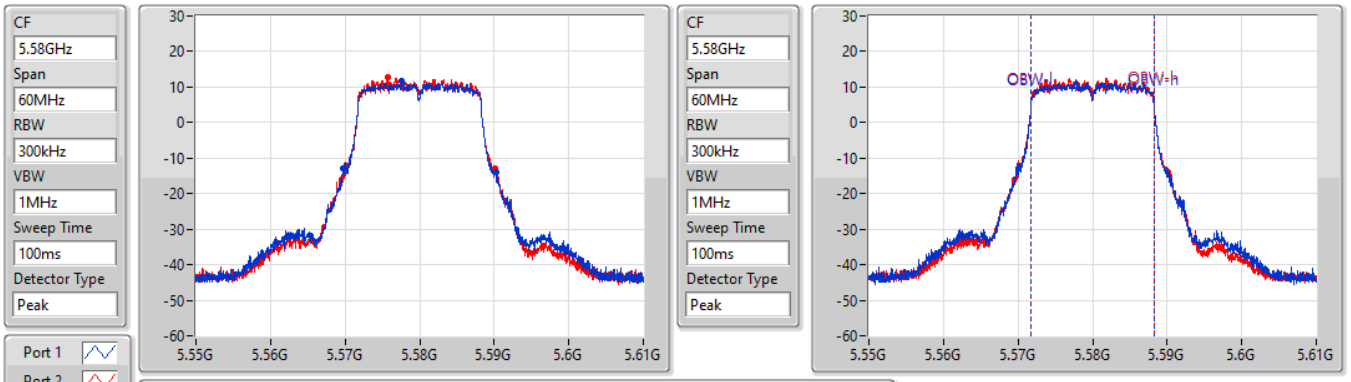


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.04M	5.48974G	5.50978G	16.432M	5.491784G	5.508216G	Inf	1
20.52M	5.48971G	5.51023G	16.432M	5.491784G	5.508216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

12/11/2021

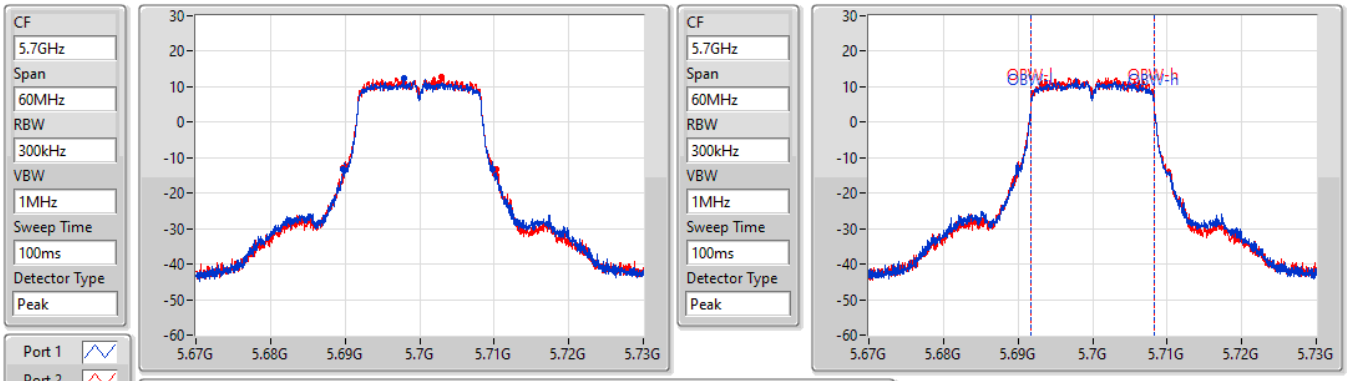


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.56971G	5.59023G	16.432M	5.571784G	5.588216G	Inf	1
20.4M	5.56974G	5.59014G	16.432M	5.571784G	5.588216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

12/11/2021

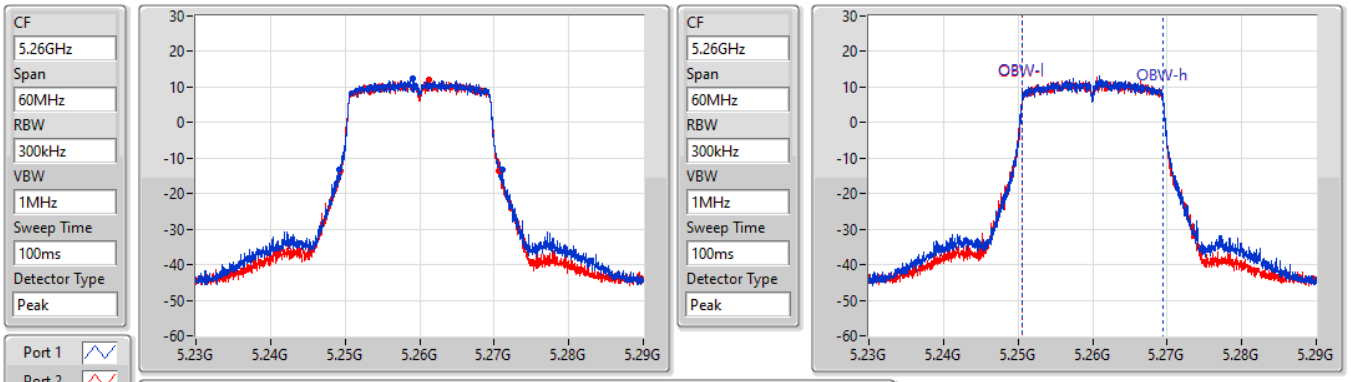


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.04M	5.68971G	5.70975G	16.432M	5.691784G	5.708216G	Inf	1
20.43M	5.68977G	5.7102G	16.432M	5.691784G	5.708216G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5260MHz

12/11/2021

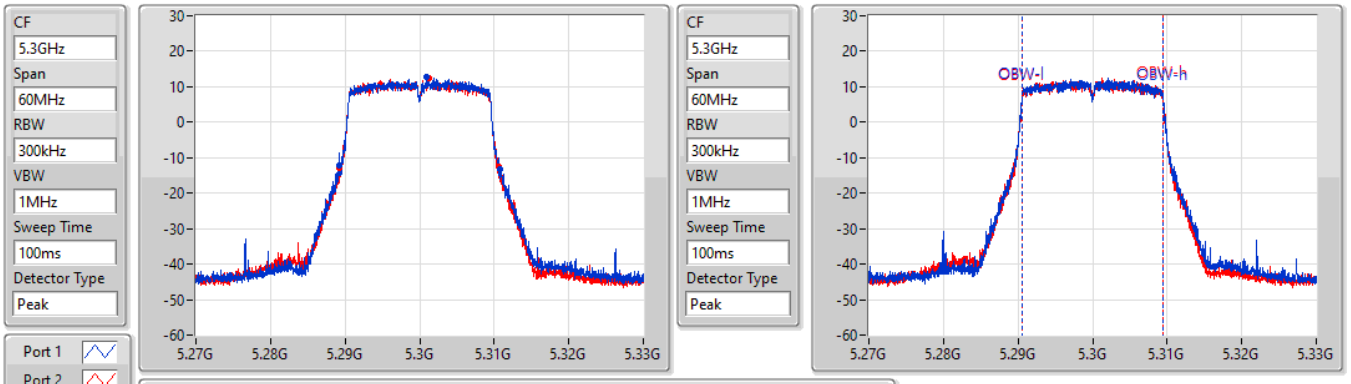


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.24923G	5.27116G	18.921M	5.250555G	5.269475G	Inf	1
21.33M	5.24935G	5.27068G	18.951M	5.250525G	5.269475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5300MHz

12/11/2021

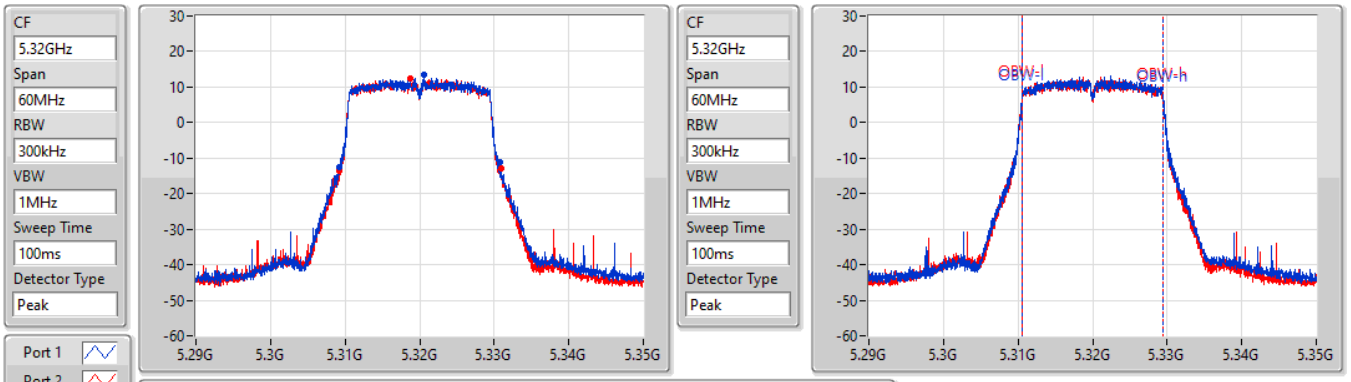


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.28914G	5.31071G	18.921M	5.290525G	5.309445G	Inf	1
21.36M	5.28923G	5.31059G	18.921M	5.290525G	5.309445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5320MHz

12/11/2021

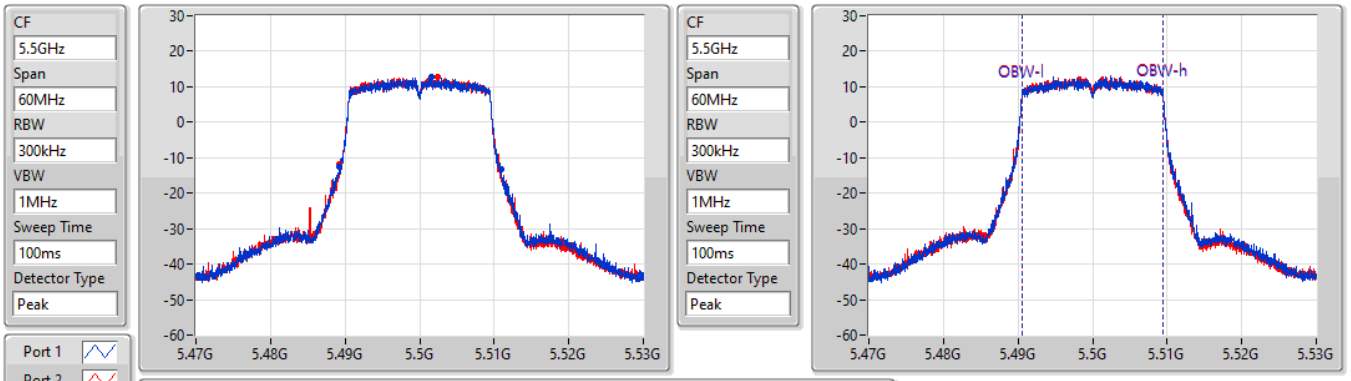


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.30926G	5.33077G	18.951M	5.310525G	5.329475G	Inf	1
21.66M	5.30926G	5.33092G	18.951M	5.310525G	5.329475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5500MHz

12/11/2021

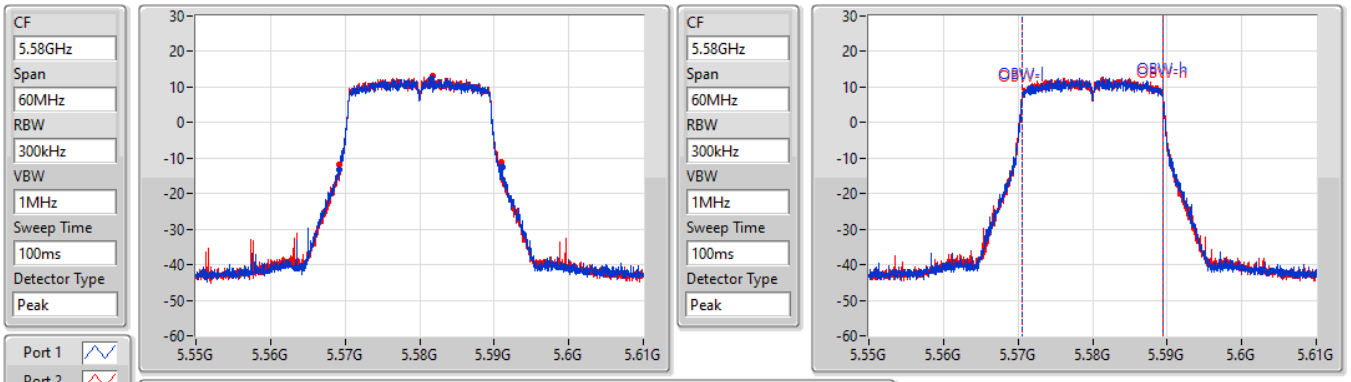


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.48917G	5.51089G	18.951M	5.490525G	5.509475G	Inf	1
21.51M	5.48926G	5.51077G	18.891M	5.490555G	5.509445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5580MHz

12/11/2021

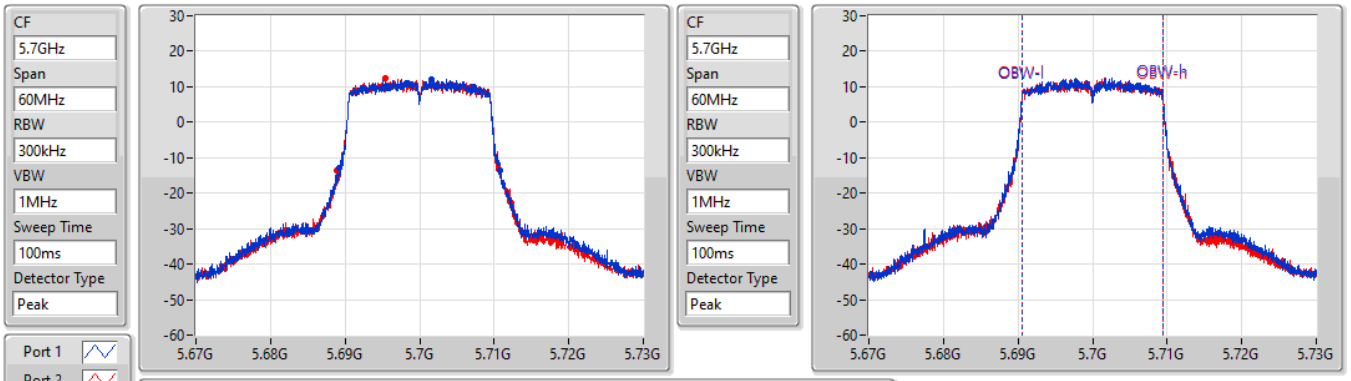


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.56929G	5.59107G	18.921M	5.570525G	5.589445G	Inf	1
21.75M	5.5692G	5.59095G	18.951M	5.570525G	5.589475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5700MHz

12/11/2021

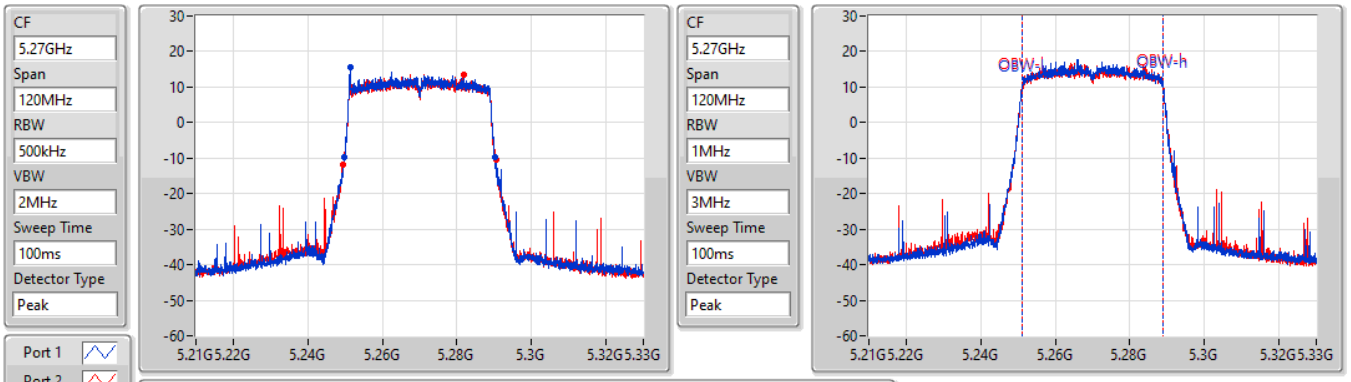


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.68914G	5.71086G	18.921M	5.690525G	5.709445G	Inf	1
21.72M	5.68896G	5.71068G	18.921M	5.690525G	5.709445G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5270MHz

12/11/2021

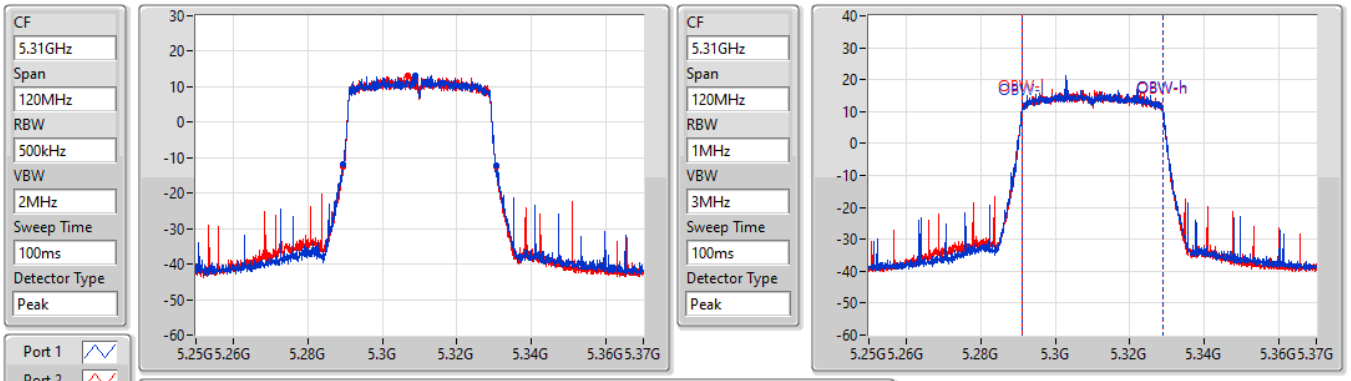


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.24984G	5.29016G	37.781M	5.251109G	5.288891G	Inf	1
41.1M	5.24948G	5.29058G	37.901M	5.251049G	5.288951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5310MHz

12/11/2021

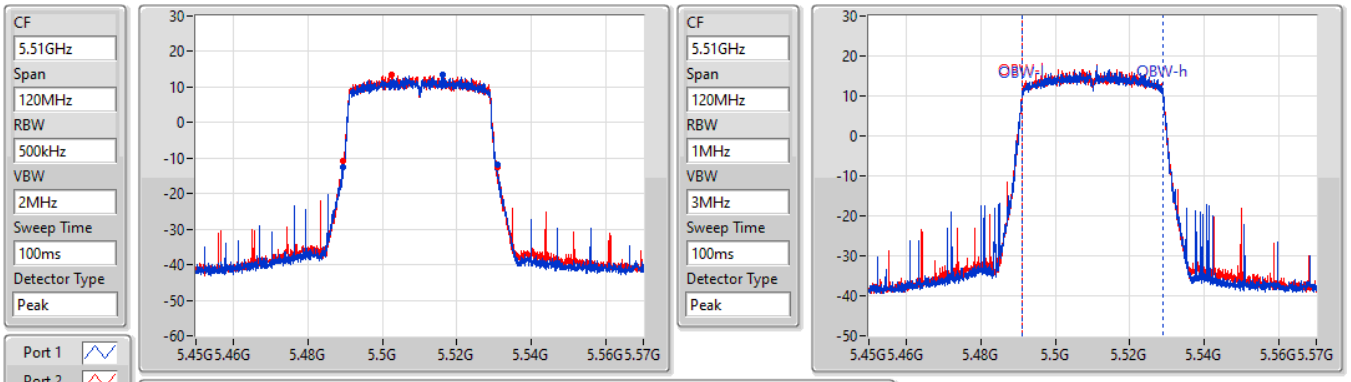


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.2893G	5.33058G	37.841M	5.291049G	5.328891G	Inf	1
41.16M	5.2893G	5.33046G	37.841M	5.291049G	5.328891G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5510MHz

12/11/2021

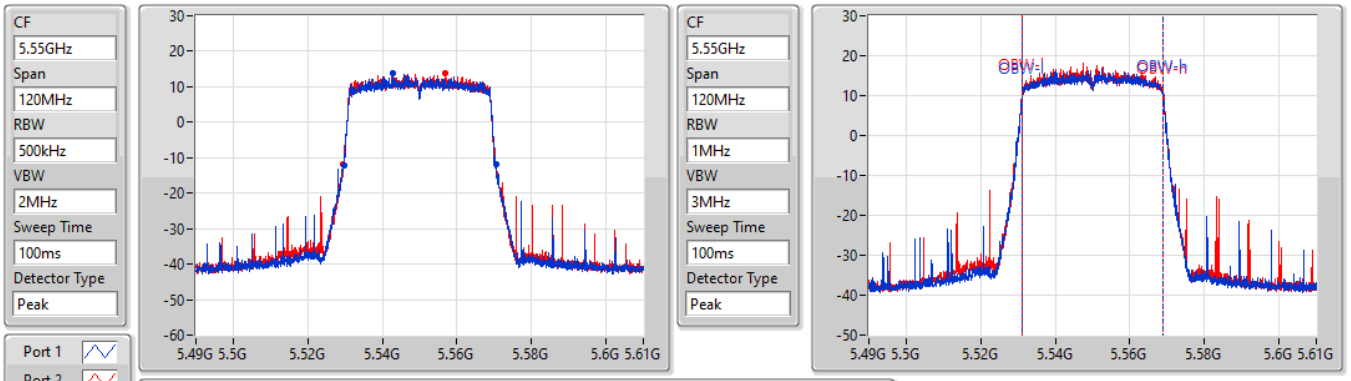


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.48948G	5.53076G	37.901M	5.491049G	5.528951G	Inf	1
41.22M	5.4896G	5.53082G	37.901M	5.491049G	5.528951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5550MHz

12/11/2021

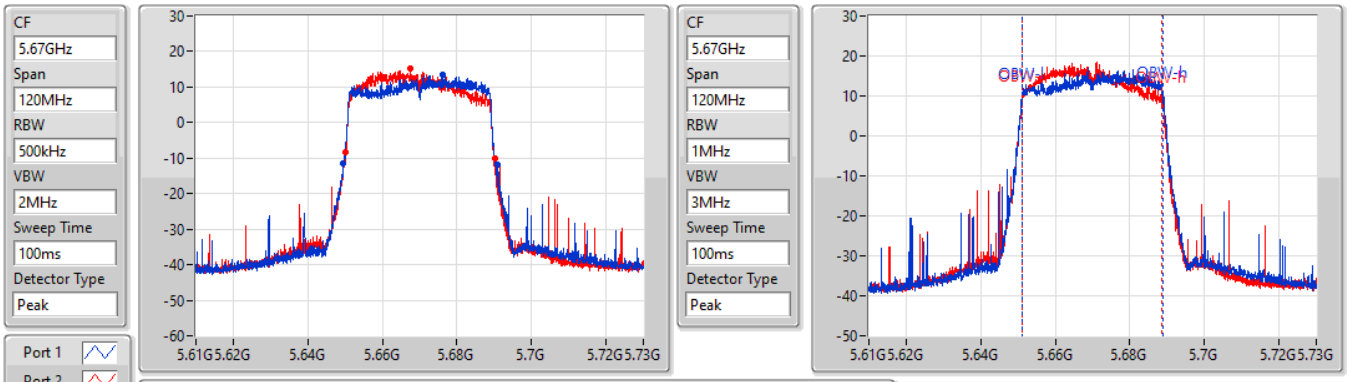


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.52972G	5.57046G	37.781M	5.531109G	5.568891G	Inf	1
40.98M	5.5296G	5.57058G	37.901M	5.531049G	5.568951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5670MHz

12/11/2021

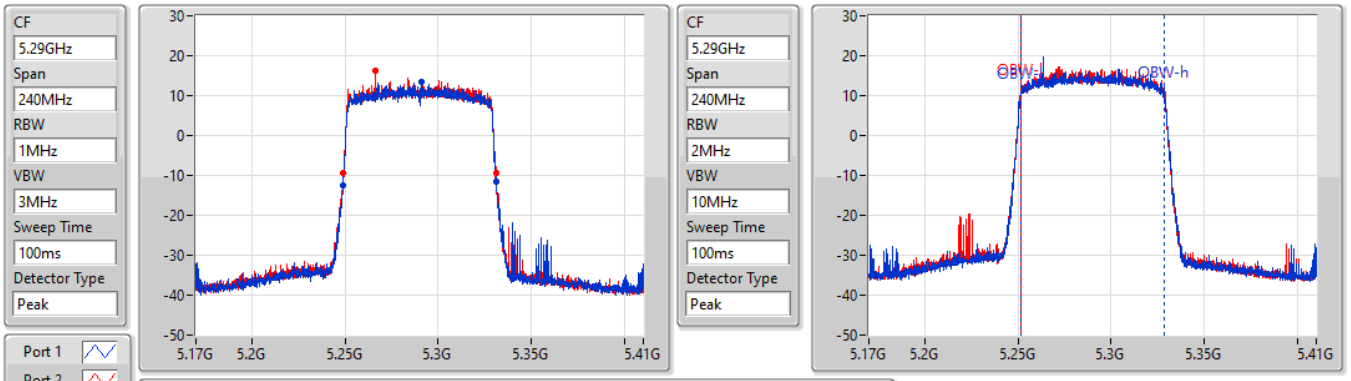


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.6496G	5.69082G	37.961M	5.651049G	5.68901G	Inf	1
40.14M	5.64996G	5.6901G	37.301M	5.651229G	5.688531G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5290MHz

12/11/2021

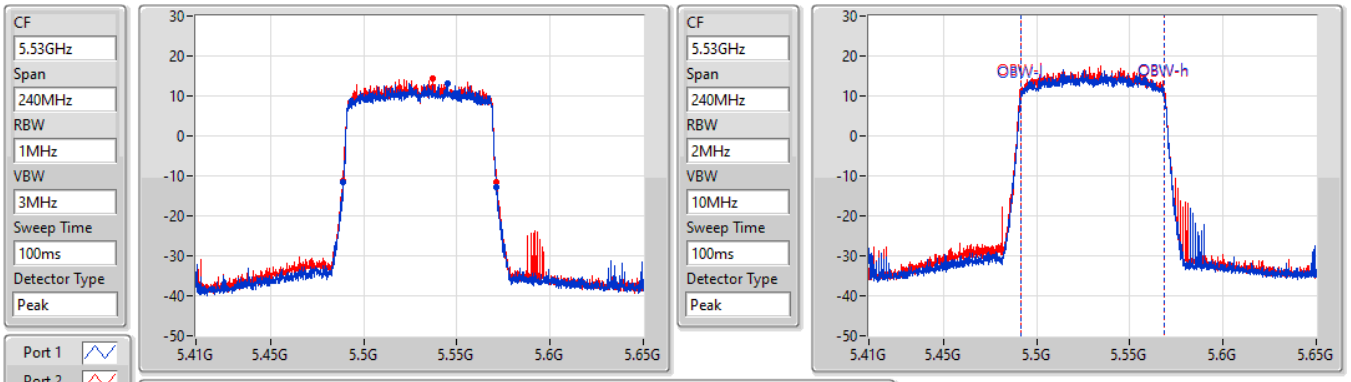


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.24872G	5.33128G	77.241M	5.251259G	5.328501G	Inf	1
82.2M	5.24884G	5.33104G	77.241M	5.251379G	5.328621G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5530MHz

12/11/2021

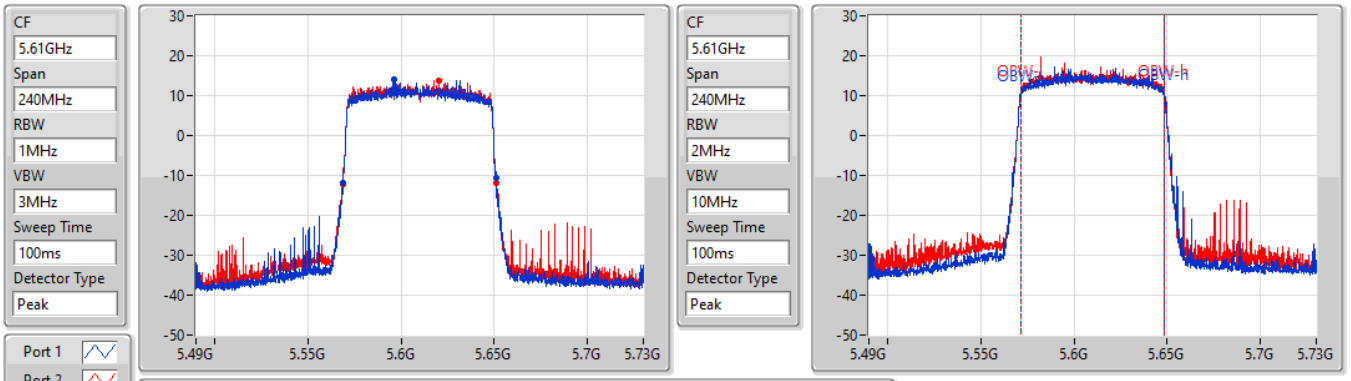


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48884G	5.57116G	77.241M	5.491379G	5.568621G	Inf	1
82.2M	5.48872G	5.57092G	77.481M	5.491259G	5.568741G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5610MHz

12/11/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56896G	5.65116G	77.481M	5.571259G	5.648741G	Inf	1
82.32M	5.56872G	5.65104G	77.241M	5.571379G	5.648621G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.84	0.24210
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.85	0.24266
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.29	0.21330
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.81	0.24044
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.93	0.24717
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.43	0.22029
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.89	0.24491

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.19	20.81	20.84	23.84	23.98
5300MHz	Pass	4.19	20.61	20.62	23.63	23.98
5320MHz	Pass	4.19	20.57	20.79	23.69	23.98
5500MHz	Pass	2.67	20.80	21.03	23.93	23.98
5580MHz	Pass	2.67	20.84	20.82	23.84	23.98
5700MHz	Pass	2.67	20.62	20.92	23.78	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.28	20.53	20.70	23.63	23.98
5300MHz	Pass	4.28	20.65	20.66	23.67	23.98
5320MHz	Pass	4.28	20.75	20.92	23.85	23.98
5500MHz	Pass	4.53	20.82	20.90	23.87	23.98
5580MHz	Pass	4.53	20.84	21.00	23.93	23.98
5700MHz	Pass	4.53	20.53	20.90	23.73	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.28	20.35	20.17	23.27	23.98
5310MHz	Pass	4.28	20.42	20.13	23.29	23.98
5510MHz	Pass	4.53	20.36	20.48	23.43	23.98
5550MHz	Pass	4.53	20.14	20.51	23.34	23.98
5670MHz	Pass	4.53	19.93	20.55	23.26	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.28	20.65	20.94	23.81	23.98
5530MHz	Pass	4.53	20.74	20.97	23.87	23.98
5610MHz	Pass	4.53	20.57	21.17	23.89	23.98

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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.71
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.33
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.08
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.60
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.94
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.41
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.65
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.78

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

Result

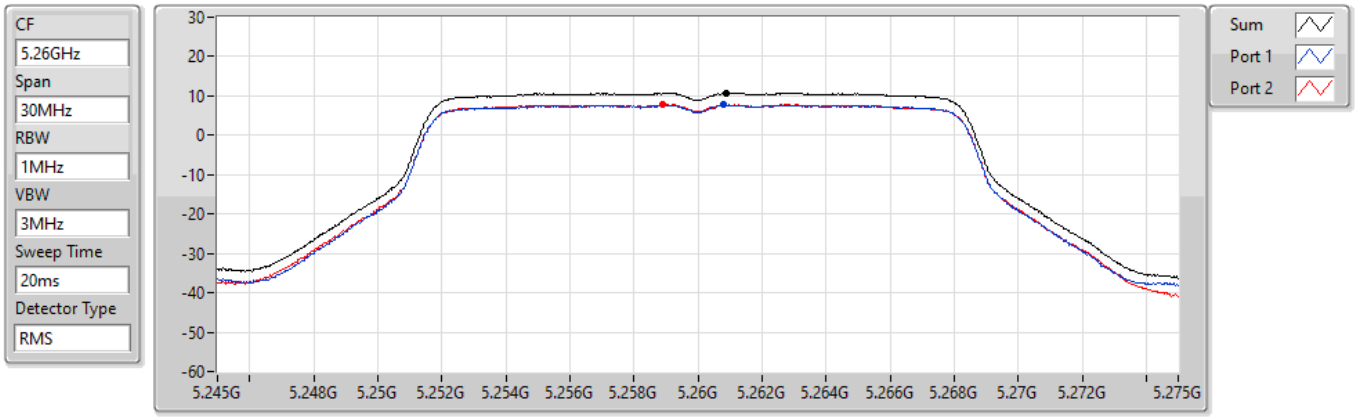
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.28	7.72	7.83	10.71	11.00
5300MHz	Pass	4.28	7.55	7.60	10.52	11.00
5320MHz	Pass	4.28	7.57	7.74	10.51	11.00
5500MHz	Pass	4.53	7.98	7.96	10.94	11.00
5580MHz	Pass	4.53	7.89	8.16	10.92	11.00
5700MHz	Pass	4.53	7.51	7.78	10.54	11.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.28	7.08	7.28	10.16	11.00
5300MHz	Pass	4.28	7.31	7.39	10.24	11.00
5320MHz	Pass	4.28	7.47	7.40	10.33	11.00
5500MHz	Pass	4.53	7.35	7.52	10.37	11.00
5580MHz	Pass	4.53	7.29	7.60	10.41	11.00
5700MHz	Pass	4.53	7.20	7.49	10.27	11.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.28	4.17	3.97	7.08	11.00
5310MHz	Pass	4.28	4.26	3.95	7.04	11.00
5510MHz	Pass	4.53	4.04	4.12	7.04	11.00
5550MHz	Pass	4.53	3.94	4.39	7.06	11.00
5670MHz	Pass	4.53	4.03	6.06	7.65	11.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.28	1.52	1.94	4.60	11.00
5530MHz	Pass	4.53	1.63	1.89	4.76	11.00
5610MHz	Pass	4.53	1.54	2.05	4.78	11.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

08/12/2021

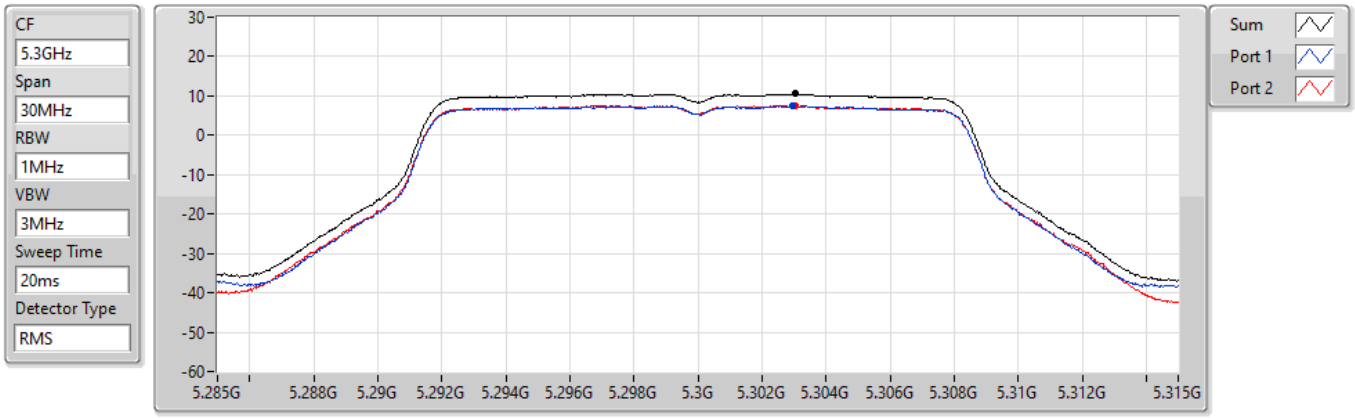


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	7.72	7.83

802.11a_Nss1,(6Mbps)_2TX PSD

5300MHz

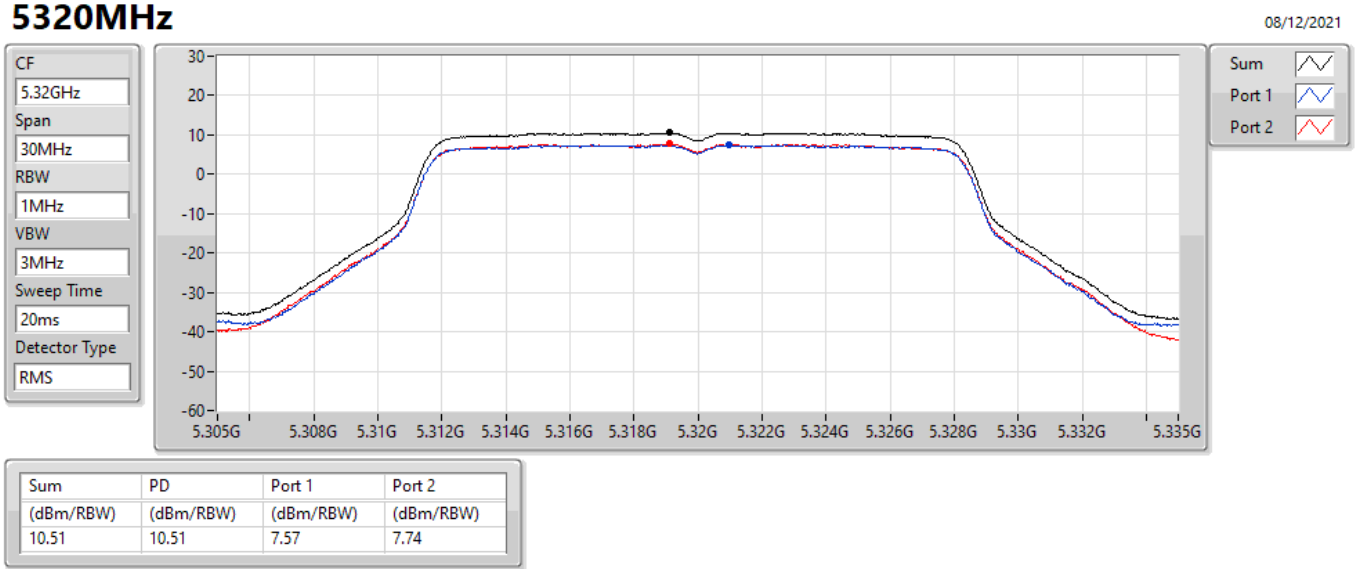
08/12/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	7.55	7.60

802.11a_Nss1,(6Mbps)_2TX PSD

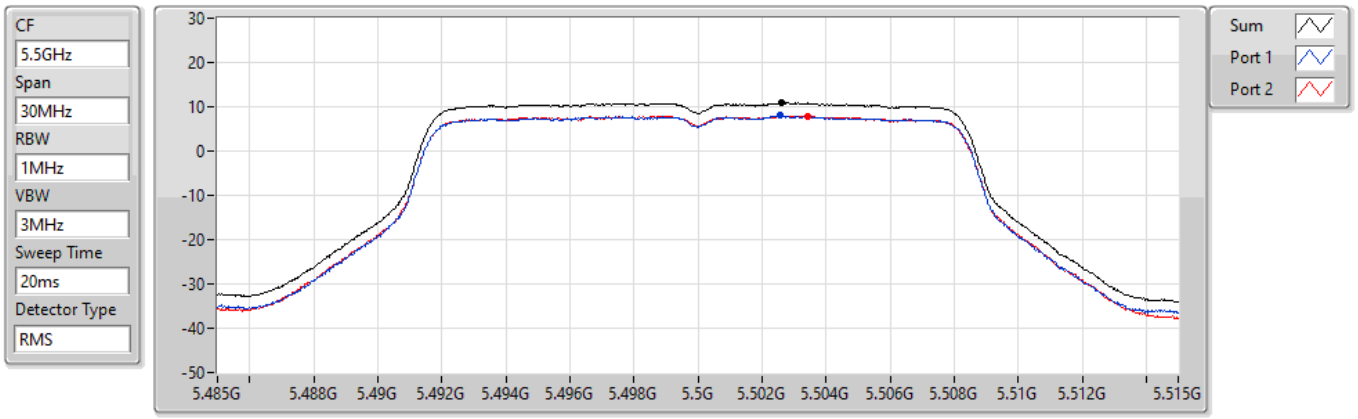
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	7.57	7.74

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz



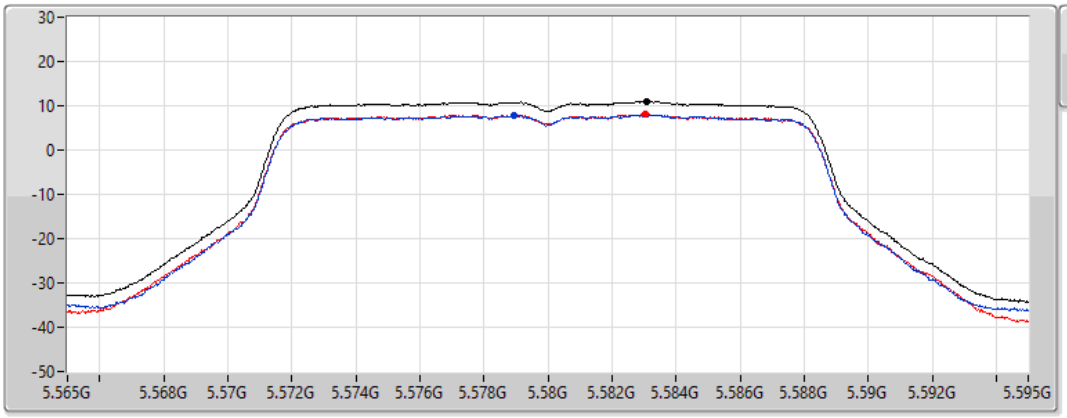
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	7.98	7.96

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

08/12/2021

CF	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



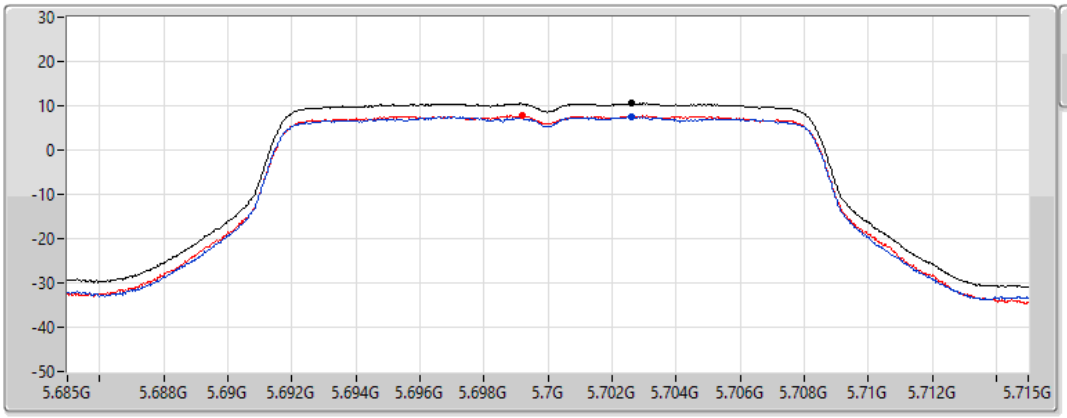
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	7.89	8.16

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

08/12/2021

CF	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



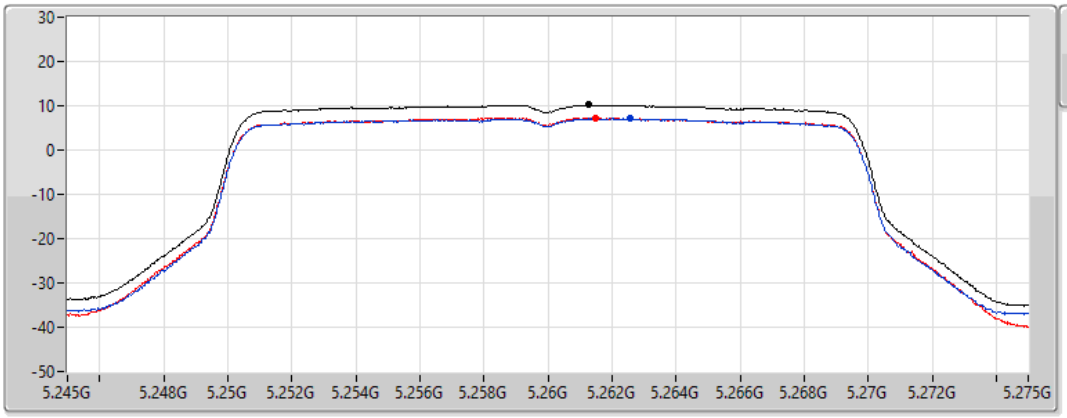
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	7.51	7.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5260MHz

08/12/2021

CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



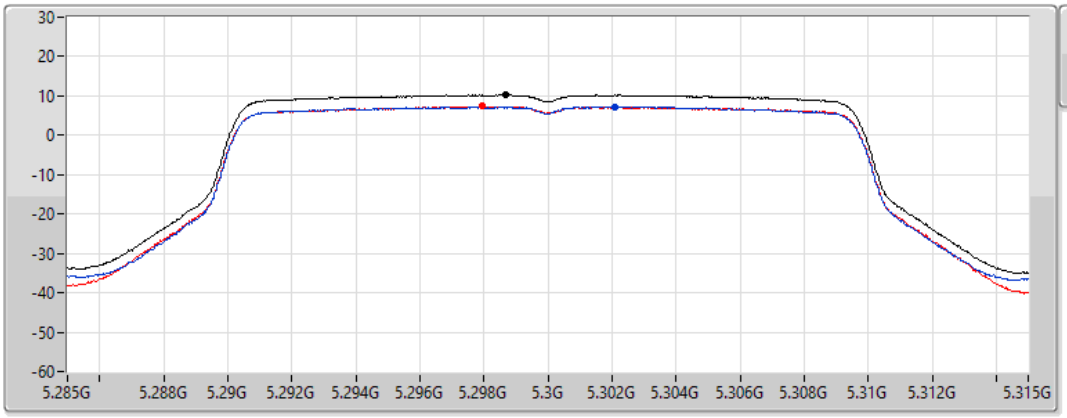
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	7.08	7.28

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5300MHz

08/12/2021

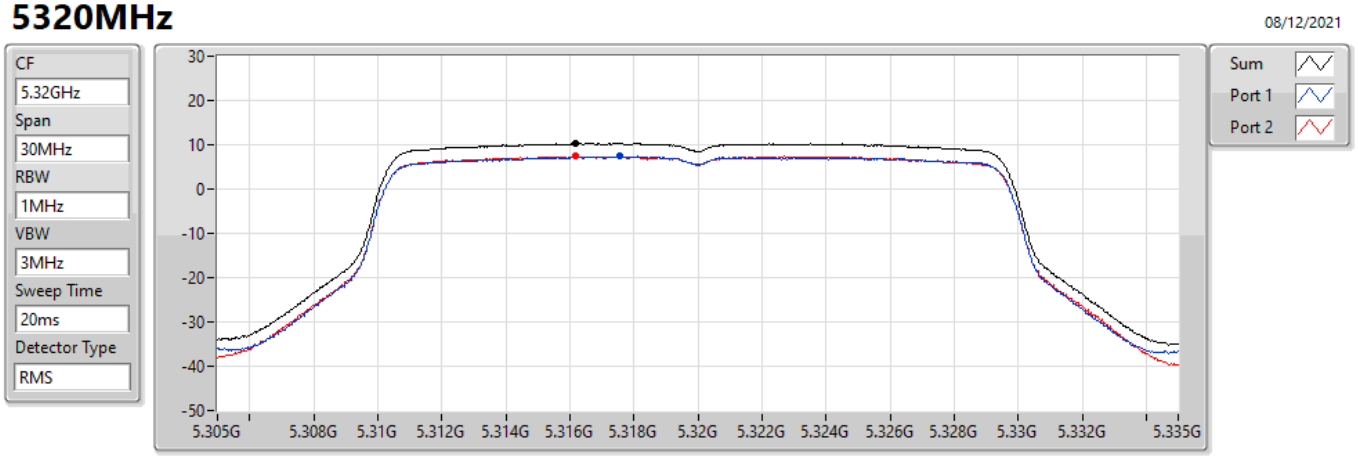
CF	5.3GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	7.31	7.39

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

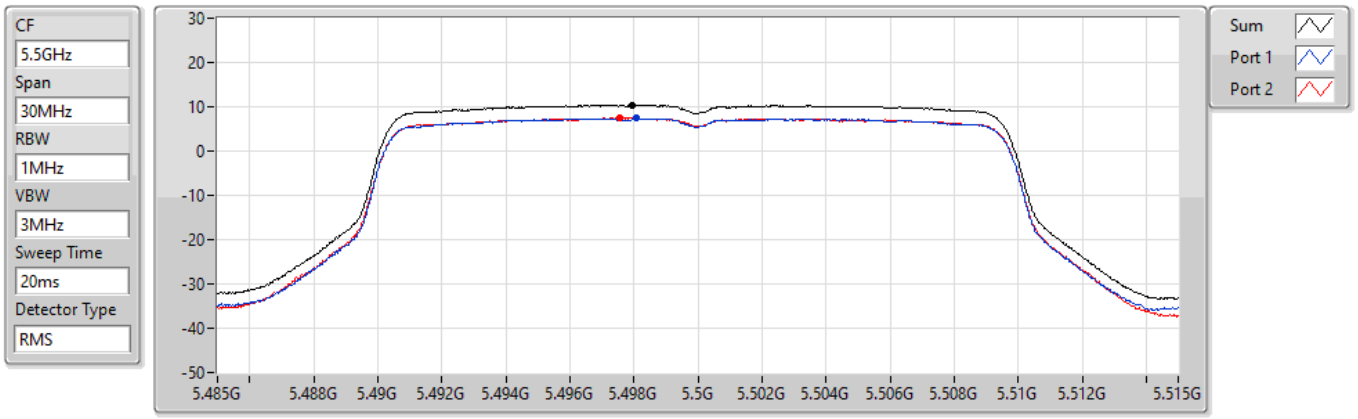
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	7.47	7.40

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

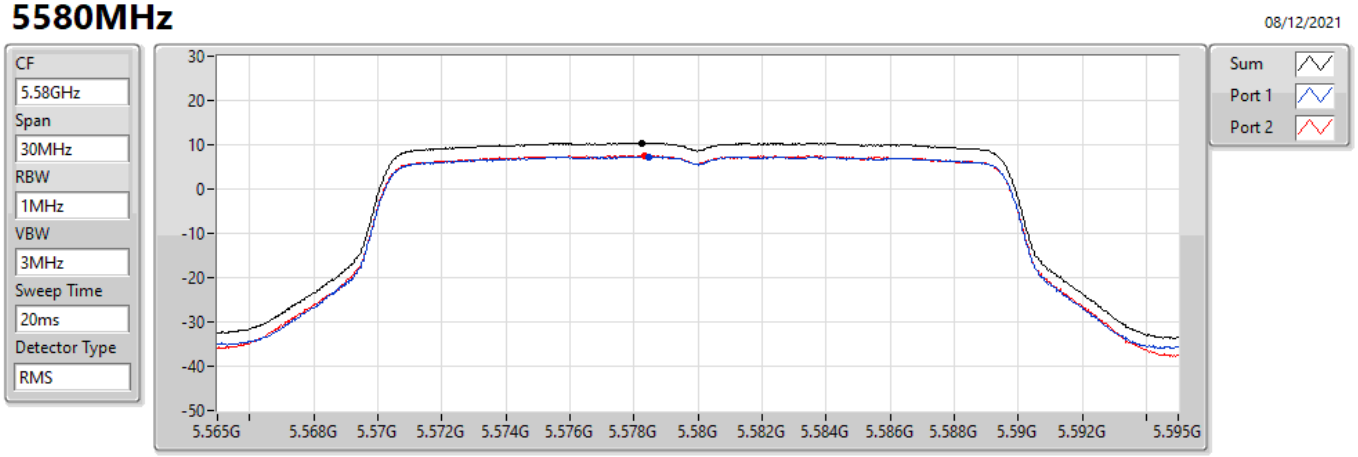
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	7.35	7.52

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

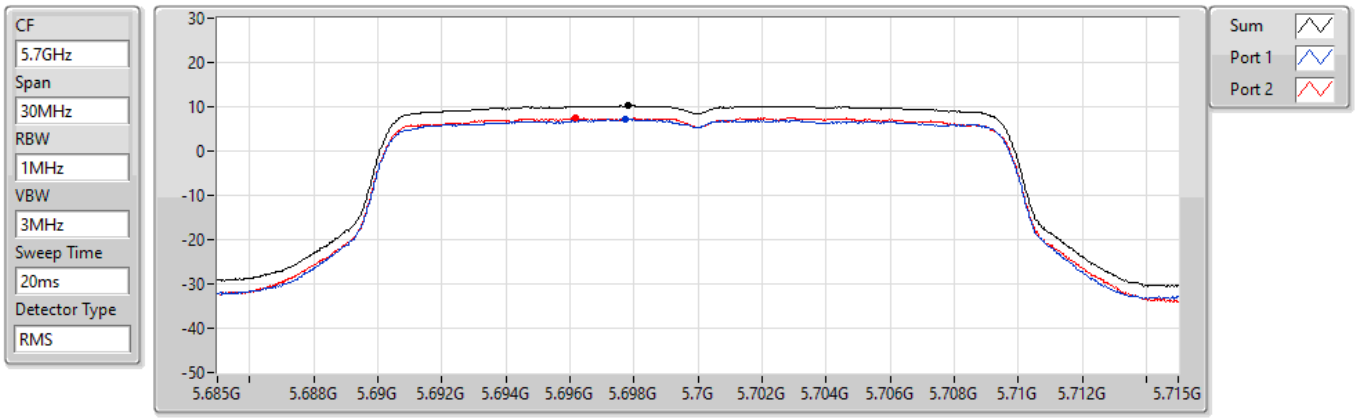
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	7.29	7.60

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

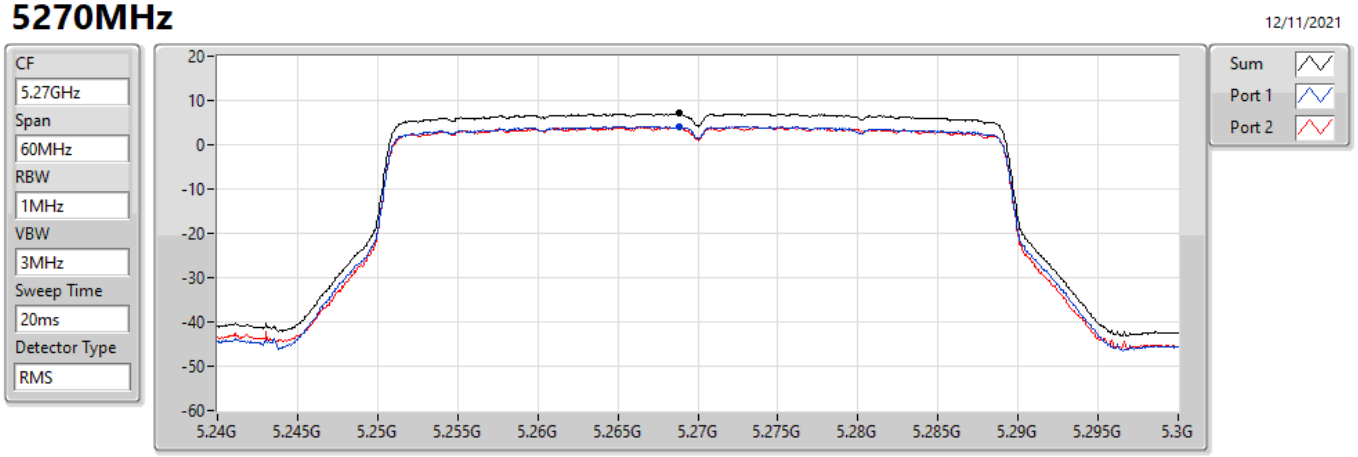
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.20	7.49

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

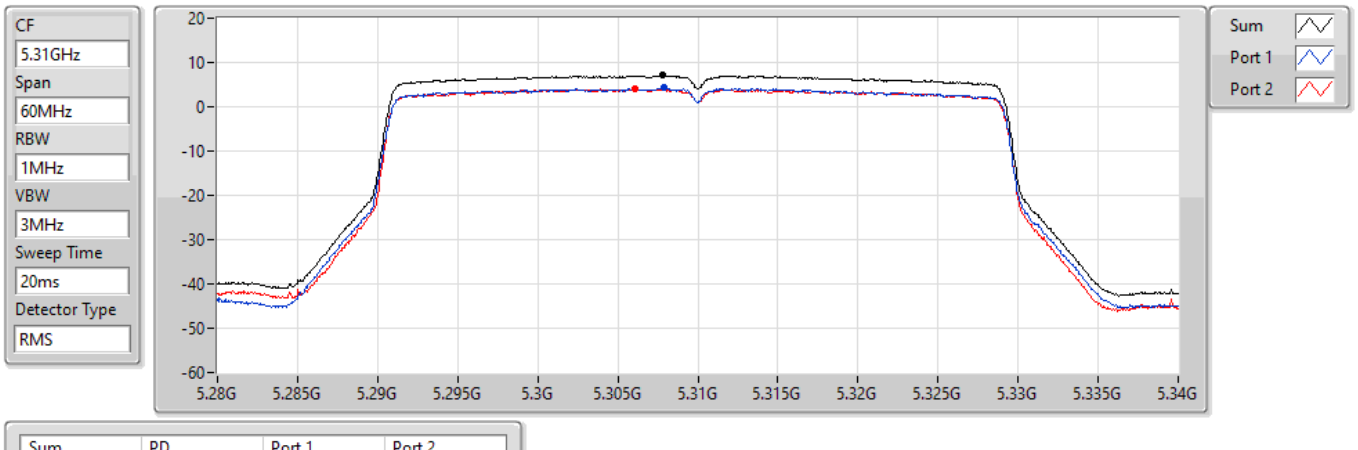
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	4.17	3.97

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

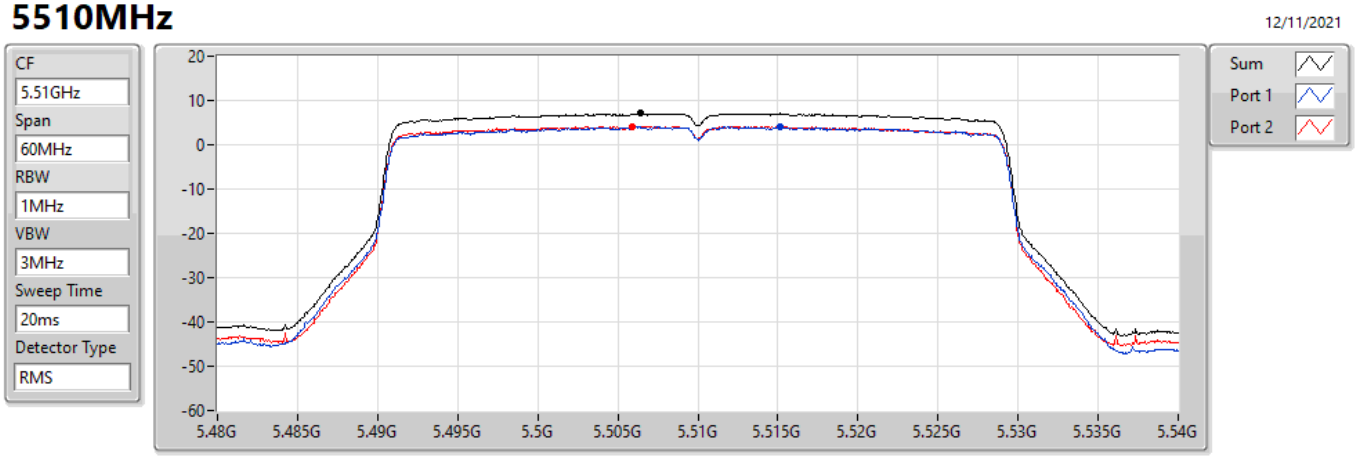
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	4.26	3.95

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

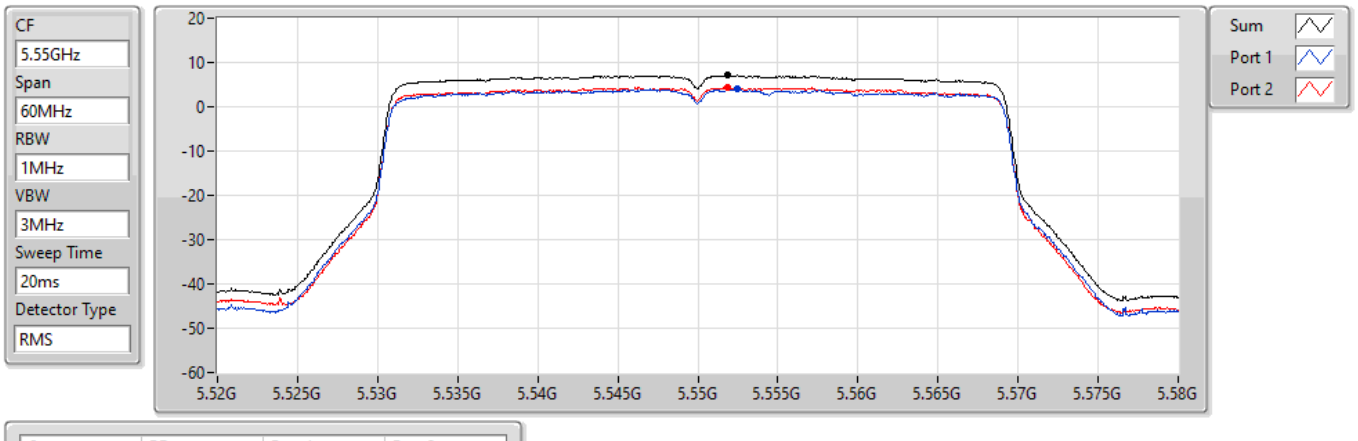
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	4.04	4.12

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5550MHz

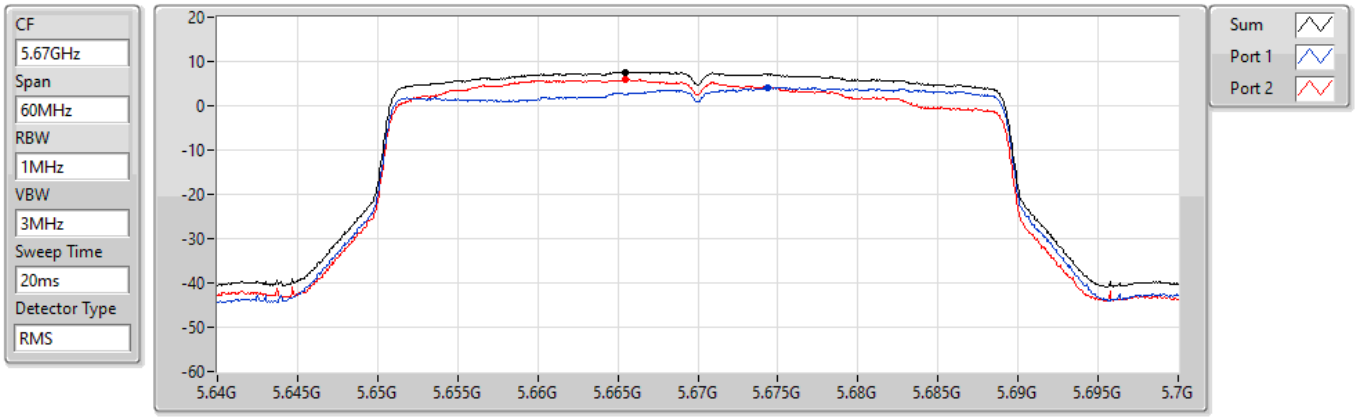


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	3.94	4.39

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5670MHz

12/11/2021

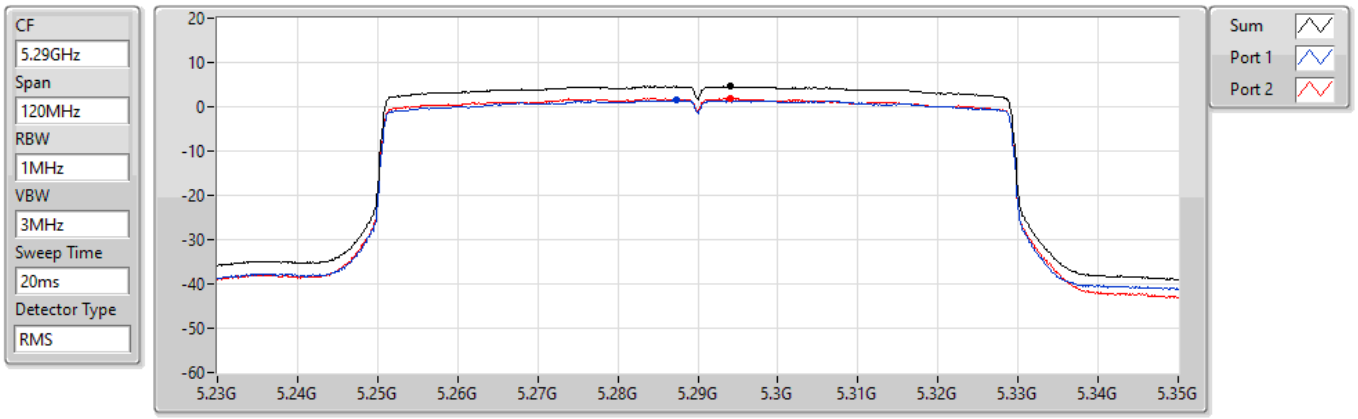


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	4.03	6.06

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5290MHz

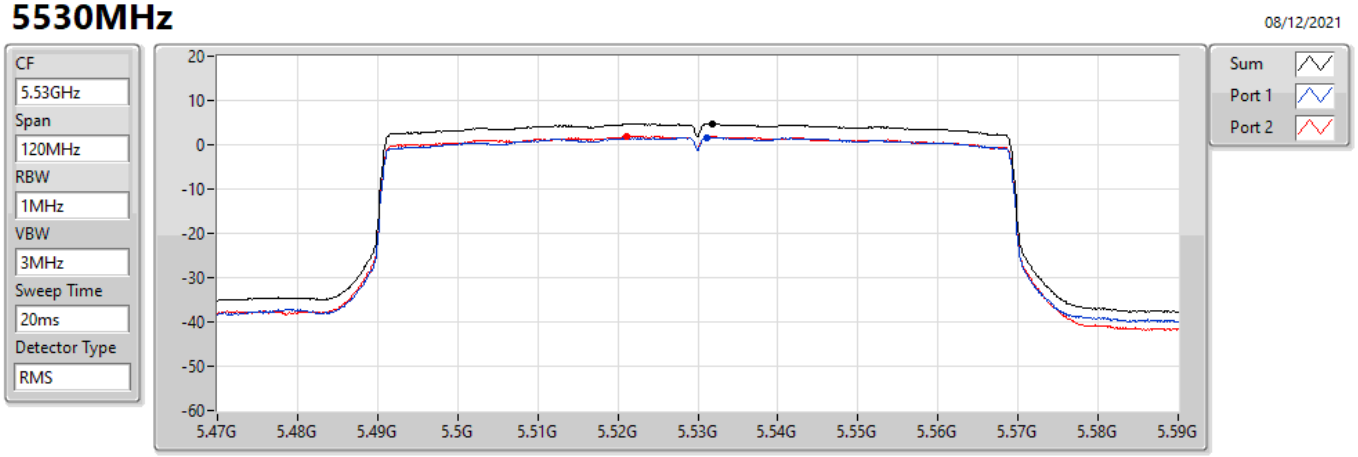
08/12/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.52	1.94

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

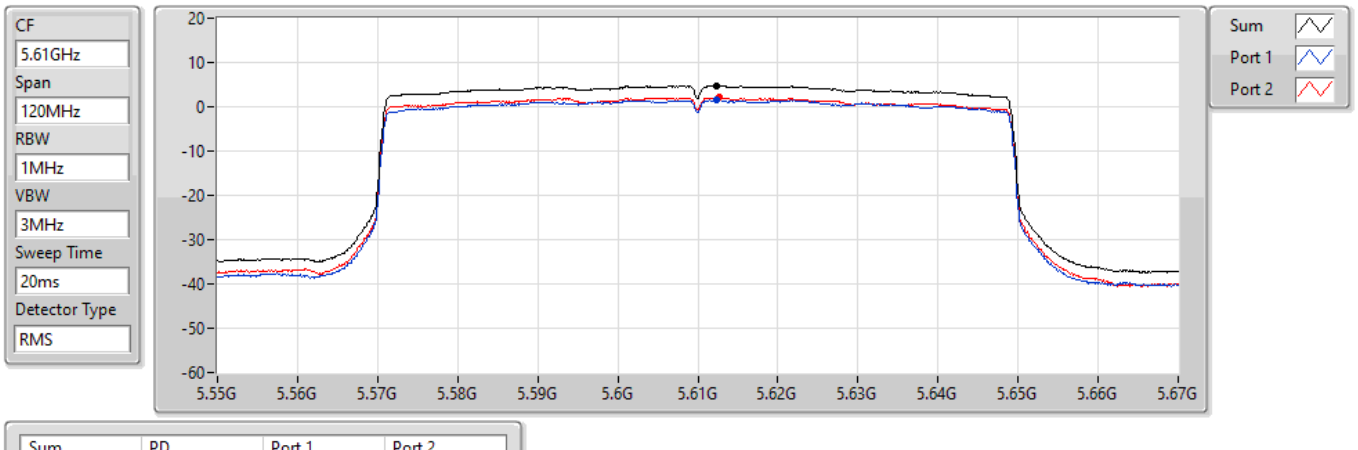
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.76	4.76	1.63	1.89

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5610MHz



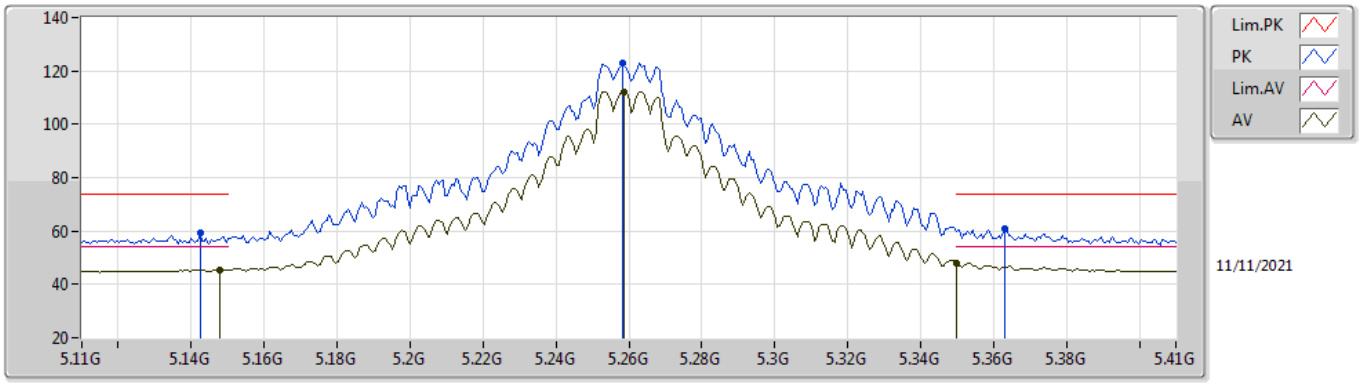
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	1.54	2.05

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	PK	5.466G	67.12	68.20	-1.08	3	Vertical	284	2.65	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

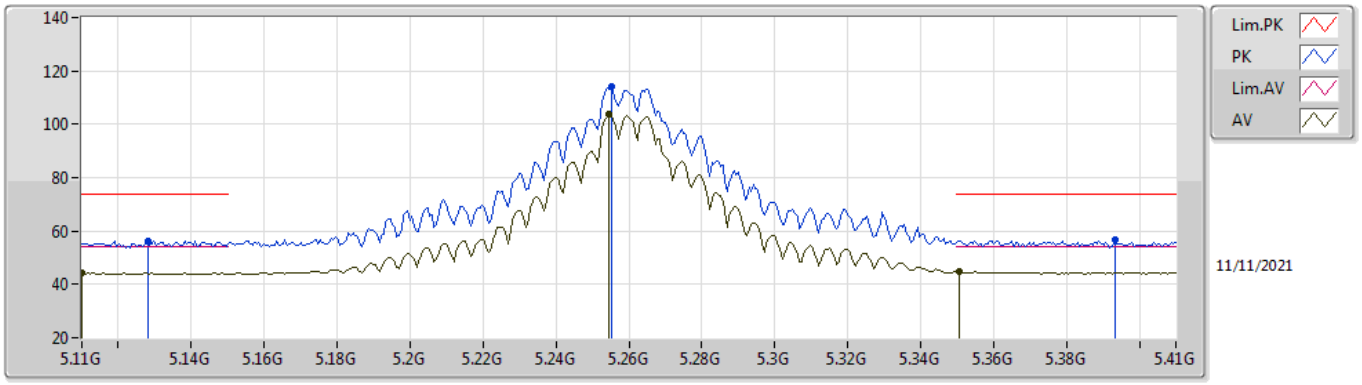


EUT Z_2TX
Setting 27
02-B-S-8-10

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	5.1424G	59.07	74.00	-14.93	52.48	3	Vertical	11	1.07	-	33.50	5.24	32.15
AV	5.1478G	45.50	54.00	-8.50	38.90	3	Vertical	11	1.07	-	33.50	5.25	32.15
PK	5.2582G	122.94	Inf	-Inf	116.13	3	Vertical	11	1.07	-	33.62	5.33	32.14
AV	5.2588G	112.24	Inf	-Inf	105.43	3	Vertical	11	1.07	-	33.62	5.33	32.14
PK	5.3632G	60.82	74.00	-13.18	53.85	3	Vertical	11	1.07	-	33.73	5.38	32.14
AV	5.35G	47.85	54.00	-6.15	40.91	3	Vertical	11	1.07	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

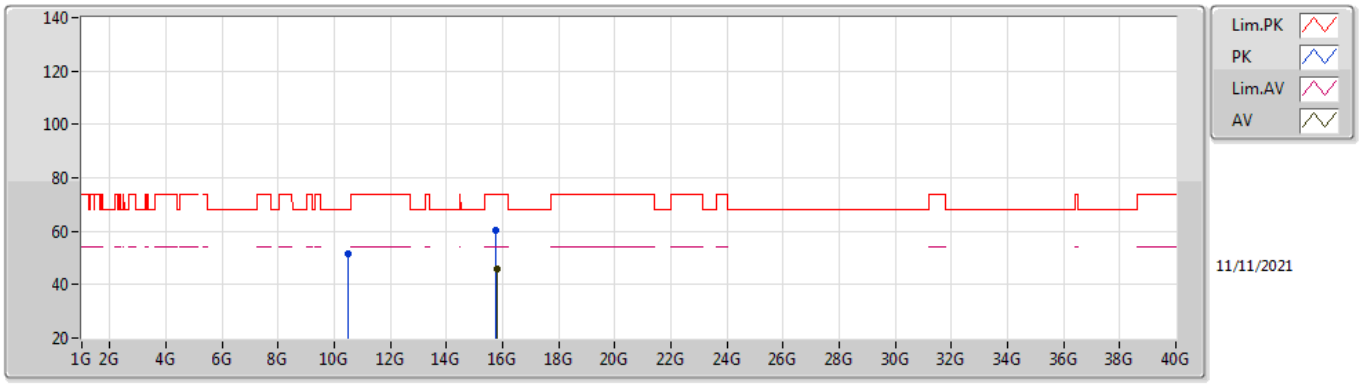


EUT Z_2TX
Setting 27
02-B-S-8-10

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	5.128G	56.40	74.00	-17.60	49.82	3	Horizontal	261	2.08	-	33.50	5.23	32.15
AV	5.11G	44.33	54.00	-9.67	37.77	3	Horizontal	261	2.08	-	33.50	5.21	32.15
PK	5.2552G	114.14	Inf	-Inf	107.34	3	Horizontal	261	2.08	-	33.61	5.33	32.14
AV	5.2546G	103.55	Inf	-Inf	96.75	3	Horizontal	261	2.08	-	33.61	5.33	32.14
PK	5.3932G	56.76	74.00	-17.24	49.71	3	Horizontal	261	2.08	-	33.79	5.40	32.14
AV	5.3506G	44.79	54.00	-9.21	37.85	3	Horizontal	261	2.08	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

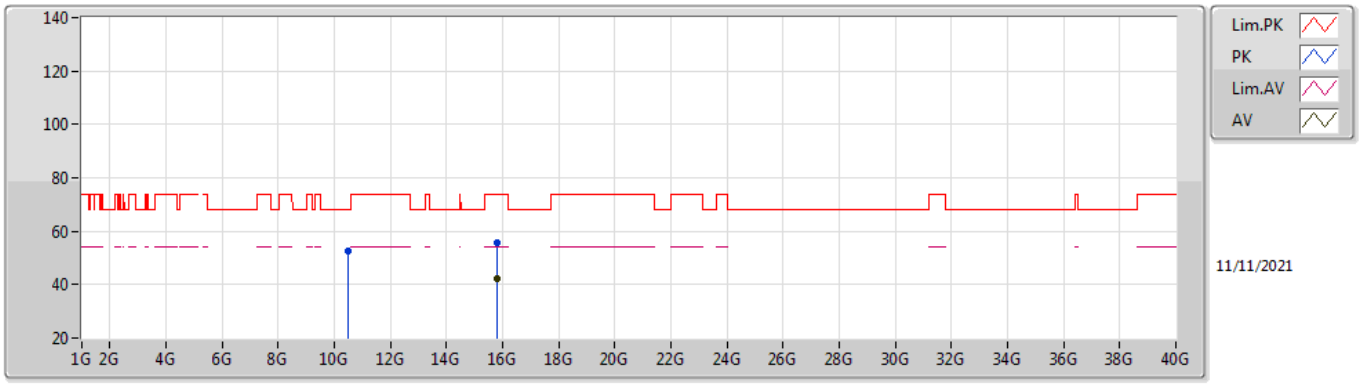


EUT Z_2TX
Setting 27
02-B-S-8

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	10.5056G	51.69	68.20	-16.51	38.83	3	Vertical	360	1.80	-	38.41	7.50	33.05
PK	15.77488G	60.22	74.00	-13.78	46.39	3	Vertical	50	2.12	-	37.40	9.90	33.47
AV	15.78G	46.08	54.00	-7.92	32.26	3	Vertical	50	2.12	-	37.40	9.90	33.48

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

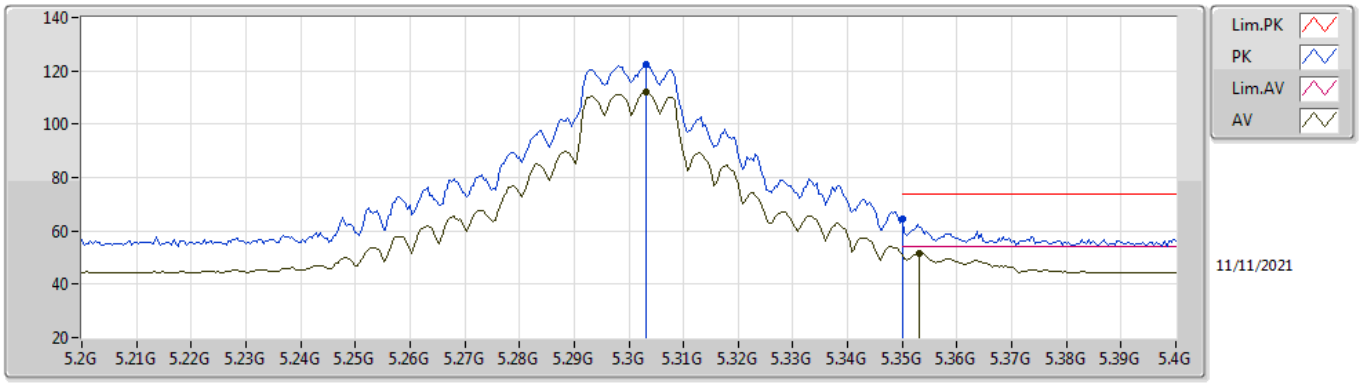


EUT Z_2TX
Setting 27
02-B-S-8

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	10.50768G	52.51	68.20	-15.69	39.65	3	Horizontal	176	1.01	-	38.41	7.50	33.05
PK	15.78128G	55.53	74.00	-18.47	41.71	3	Horizontal	254	1.80	-	37.40	9.90	33.48
AV	15.78088G	42.48	54.00	-11.52	28.66	3	Horizontal	254	1.80	-	37.40	9.90	33.48

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

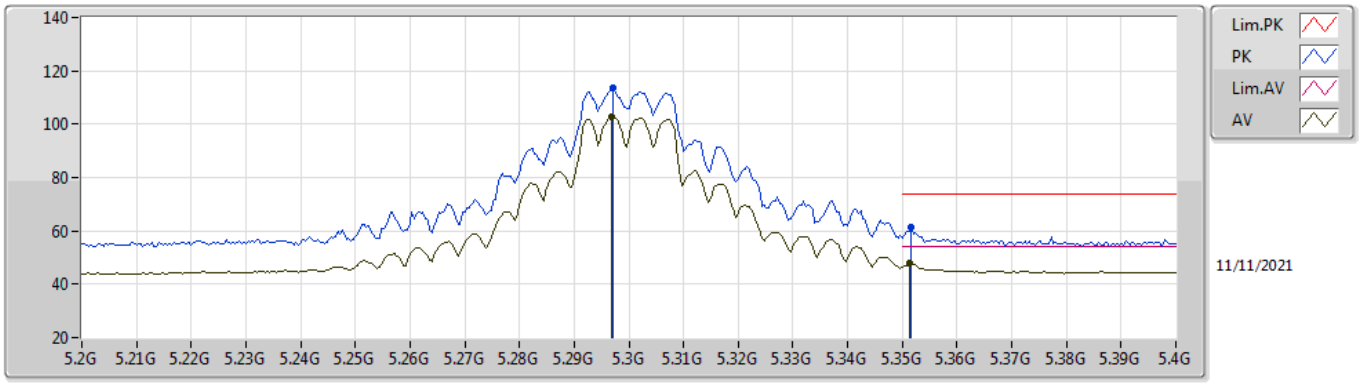


EUT Z_2TX
Setting 25.5
02-B-S-8-10

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	5.3032G	122.50	Inf	-Inf	115.59	3	Vertical	212	2.66	-	33.70	5.35	32.14
AV	5.3032G	112.20	Inf	-Inf	105.29	3	Vertical	212	2.66	-	33.70	5.35	32.14
PK	5.35G	64.38	74.00	-9.62	57.44	3	Vertical	212	2.66	-	33.70	5.38	32.14
AV	5.3532G	51.64	54.00	-2.36	44.69	3	Vertical	212	2.66	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

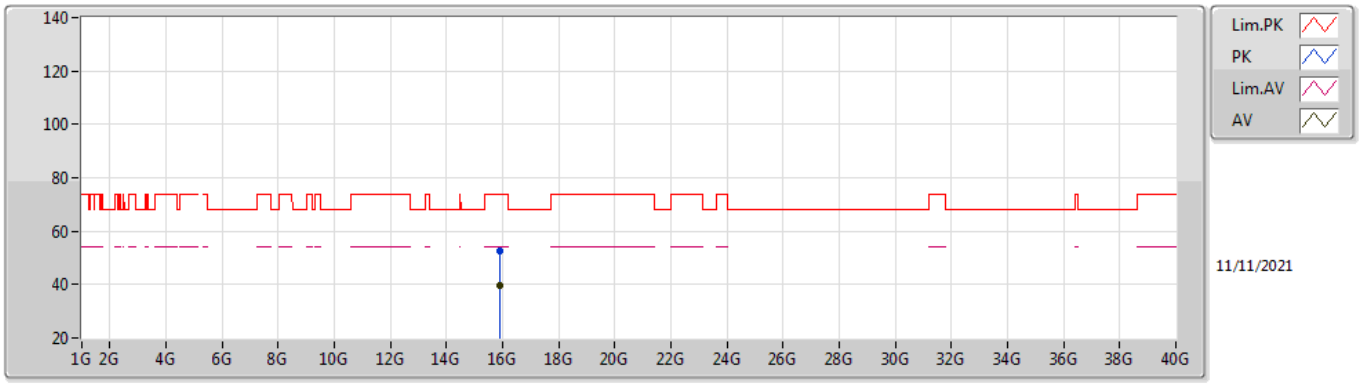


EUT Z_2TX
Setting 25.5
02-B-S-8-10

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	5.2972G	113.66	Inf	-Inf	106.76	3	Horizontal	263	2.15	-	33.69	5.35	32.14
AV	5.2968G	103.01	Inf	-Inf	96.11	3	Horizontal	263	2.15	-	33.69	5.35	32.14
PK	5.3516G	61.41	74.00	-12.59	54.47	3	Horizontal	263	2.15	-	33.70	5.38	32.14
AV	5.3512G	47.77	54.00	-6.23	40.83	3	Horizontal	263	2.15	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

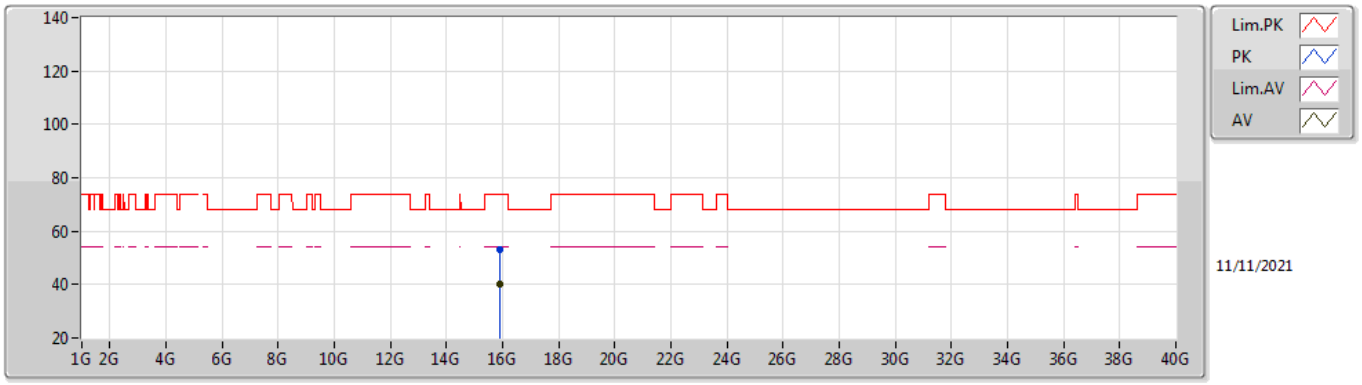


EUT Z_2TX
Setting 25.5
02-B-S-8

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	15.8965G	52.74	74.00	-21.26	38.91	3	Vertical	168	1.13	-	37.50	9.95	33.62
AV	15.90482G	39.91	54.00	-14.09	26.08	3	Vertical	168	1.13	-	37.50	9.96	33.63

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

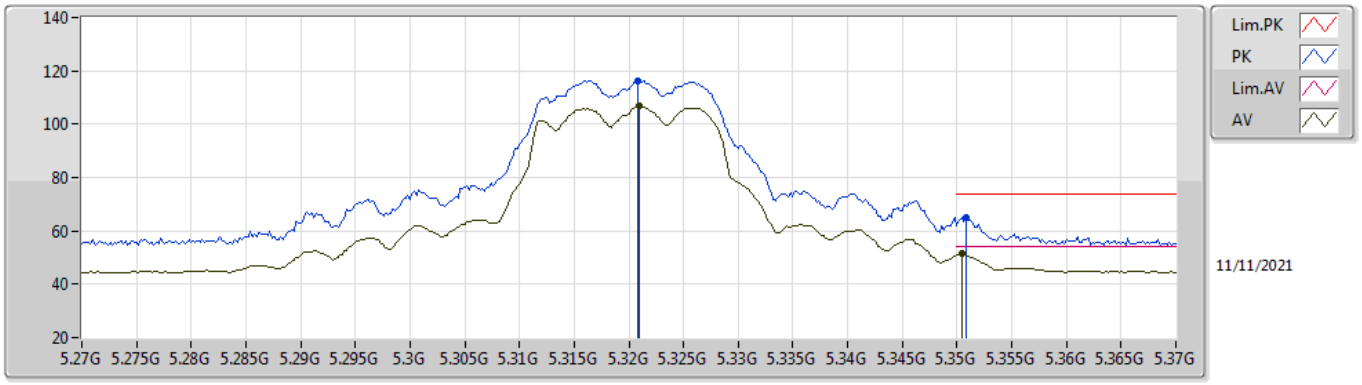


EUT Z_2TX
Setting 25.5
02-B-S-8

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	15.89634G	53.18	74.00	-20.82	39.35	3	Horizontal	57	2.09	-	37.50	9.95	33.62
AV	15.89784G	39.97	54.00	-14.03	26.14	3	Horizontal	57	2.09	-	37.50	9.95	33.62

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

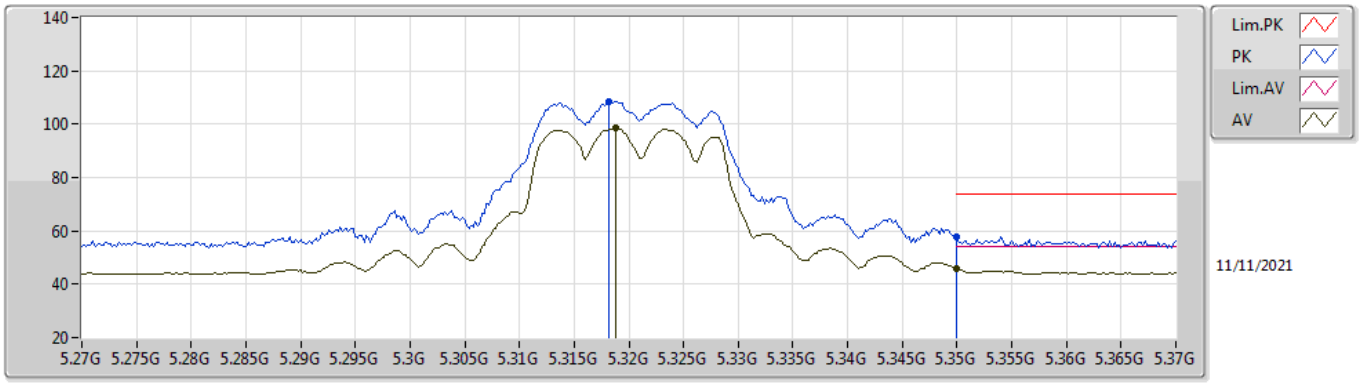


EUT Z_2TX
Setting 21
02-B-S-8-10

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	5.3208G	116.38	Inf	-Inf	109.46	3	Vertical	212	2.52	-	33.70	5.36	32.14
AV	5.321G	106.73	Inf	-Inf	99.81	3	Vertical	212	2.52	-	33.70	5.36	32.14
PK	5.3508G	65.13	74.00	-8.87	58.19	3	Vertical	212	2.52	-	33.70	5.38	32.14
AV	5.3504G	51.31	54.00	-2.69	44.37	3	Vertical	212	2.52	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

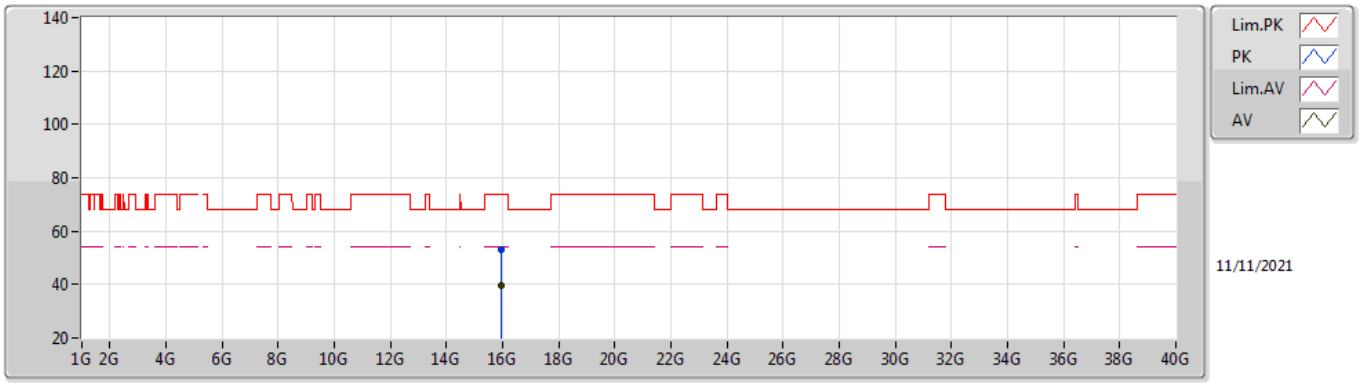


EUT Z_2TX
Setting 21
02-B-S-8-10

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	5.3182G	108.61	Inf	-Inf	101.69	3	Horizontal	270	2.47	-	33.70	5.36	32.14
AV	5.3188G	98.55	Inf	-Inf	91.63	3	Horizontal	270	2.47	-	33.70	5.36	32.14
PK	5.35G	57.87	74.00	-16.13	50.93	3	Horizontal	270	2.47	-	33.70	5.38	32.14
AV	5.35G	45.80	54.00	-8.20	38.86	3	Horizontal	270	2.47	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

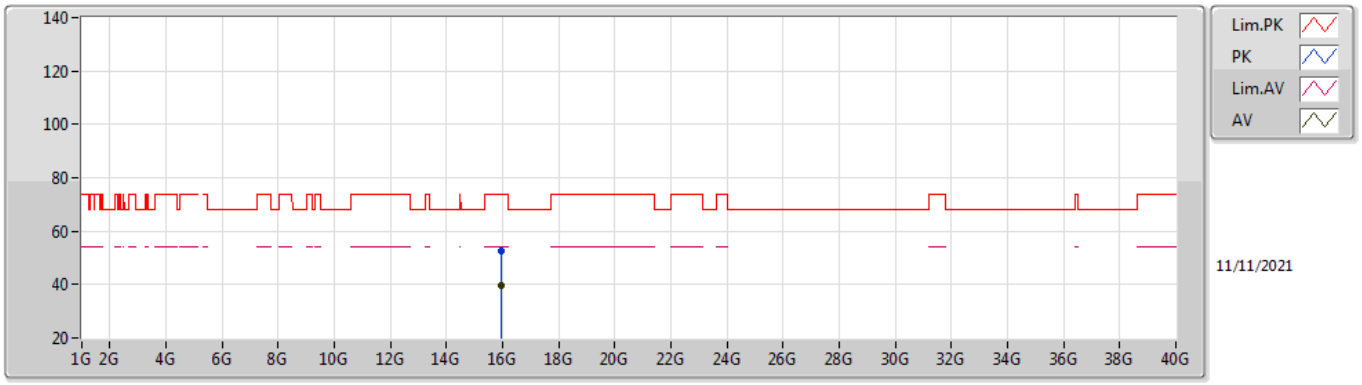


EUT Z_2TX
Setting 21
02-B-S-8

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	15.95844G	52.96	74.00	-21.04	39.23	3	Vertical	54	1.31	-	37.44	9.98	33.69
AV	15.956G	39.74	54.00	-14.26	26.01	3	Vertical	54	1.31	-	37.44	9.98	33.69

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

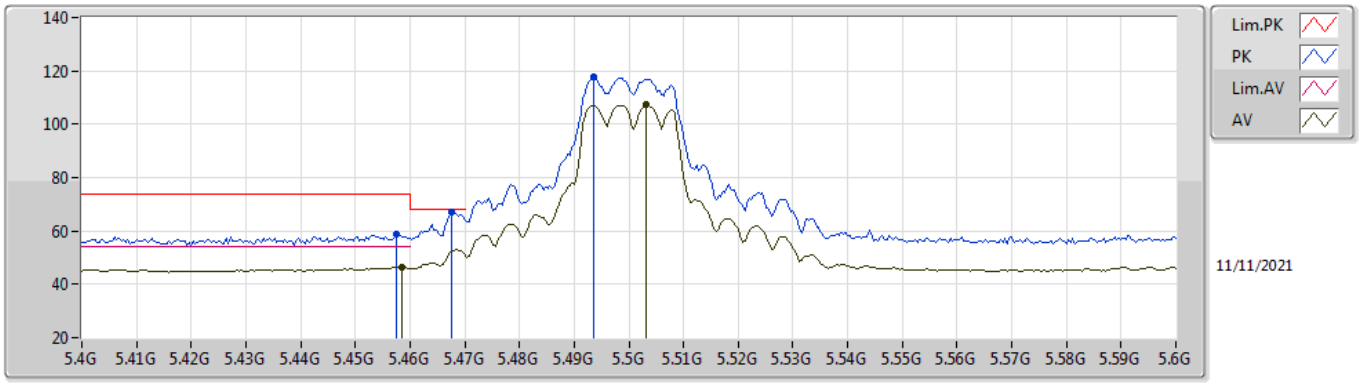


EUT Z_2TX
Setting 21
02-B-S-8

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	15.9564G	52.76	74.00	-21.24	39.03	3	Horizontal	38	1.83	-	37.44	9.98	33.69
AV	15.9589G	39.87	54.00	-14.13	26.14	3	Horizontal	38	1.83	-	37.44	9.98	33.69

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

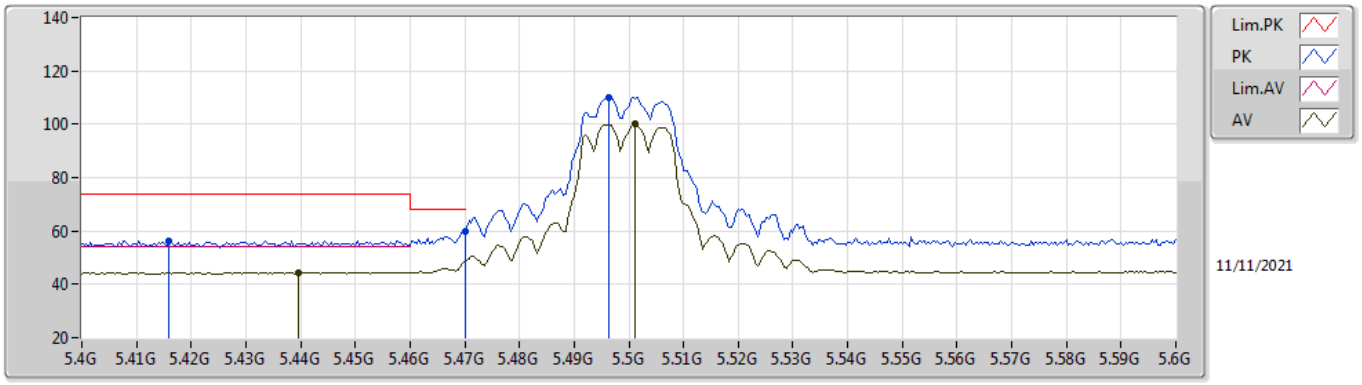


EUT Z_2TX
Setting 22
02-B-S-8-10

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	5.4576G	58.72	74.00	-15.28	51.49	3	Vertical	9	1.02	-	33.90	5.46	32.13
AV	5.4584G	46.53	54.00	-7.47	39.30	3	Vertical	9	1.02	-	33.90	5.46	32.13
PK	5.4676G	67.08	68.20	-1.12	59.84	3	Vertical	9	1.02	-	33.90	5.47	32.13
PK	5.4936G	117.59	Inf	-Inf	110.33	3	Vertical	9	1.02	-	33.90	5.49	32.13
AV	5.5032G	107.16	Inf	-Inf	99.89	3	Vertical	9	1.02	-	33.90	5.50	32.13

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

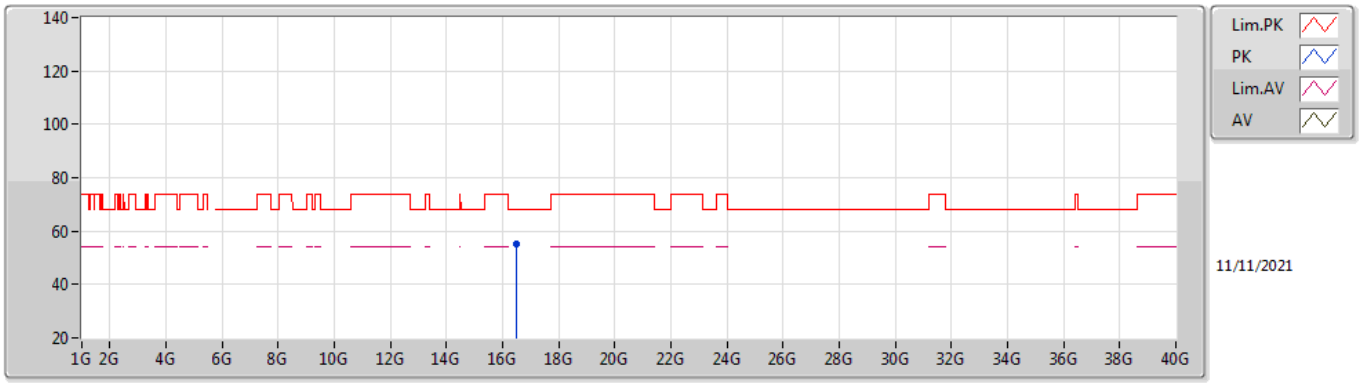


EUT Z_2TX
Setting 22
02-B-S-8-10

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	5.416G	56.34	74.00	-17.66	49.23	3	Horizontal	284	1.62	-	33.83	5.42	32.14
AV	5.4396G	44.49	54.00	-9.51	37.30	3	Horizontal	284	1.62	-	33.88	5.44	32.13
PK	5.47G	59.94	68.20	-8.26	52.70	3	Horizontal	284	1.62	-	33.90	5.47	32.13
PK	5.4964G	110.22	Inf	-Inf	102.95	3	Horizontal	284	1.62	-	33.90	5.50	32.13
AV	5.5012G	99.95	Inf	-Inf	92.68	3	Horizontal	284	1.62	-	33.90	5.50	32.13

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

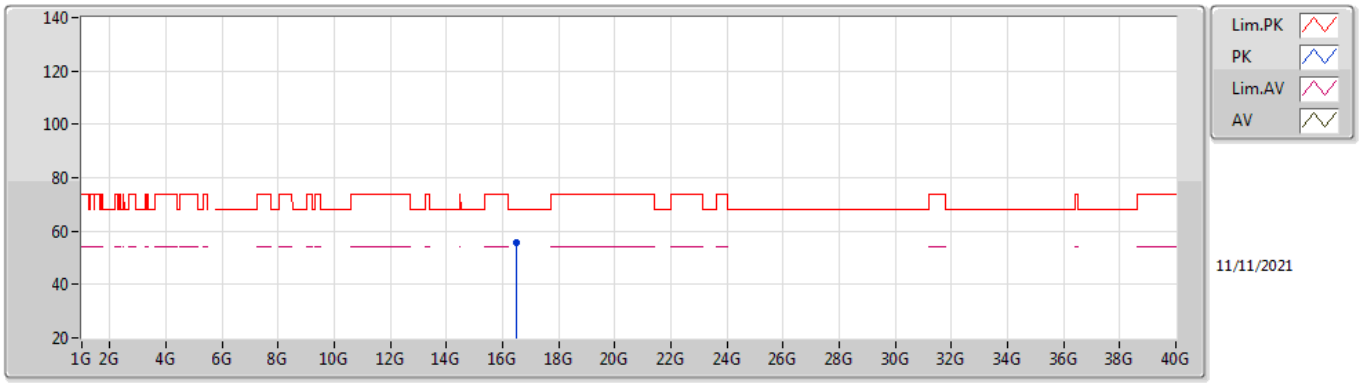


EUT Z_2TX
Setting 22
02-B-S-8

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	16.50236G	55.19	68.20	-13.01	39.29	3	Vertical	184	2.54	-	38.72	10.25	33.07

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

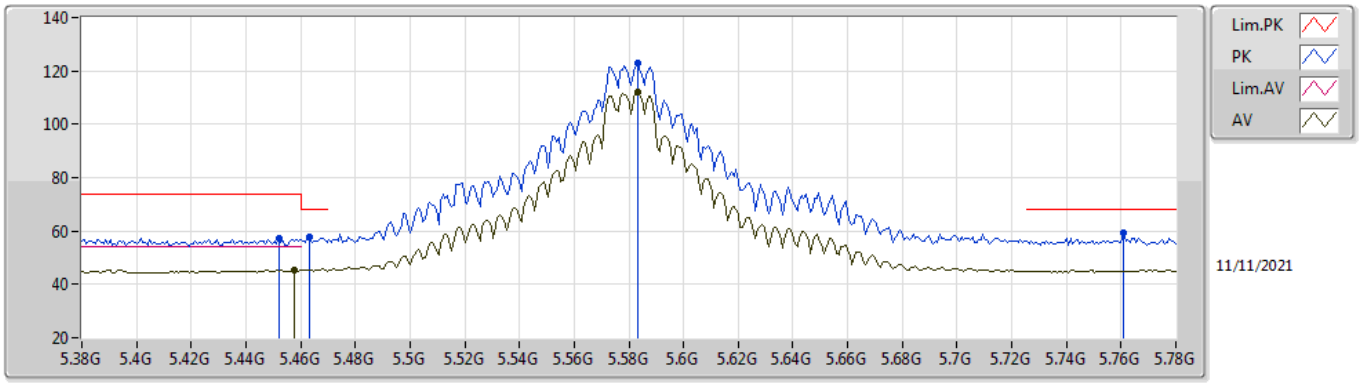


EUT Z_2TX
Setting 22
02-B-S-8

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	16.50134G	55.52	68.20	-12.68	39.63	3	Horizontal	213	2.13	-	38.71	10.25	33.07

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

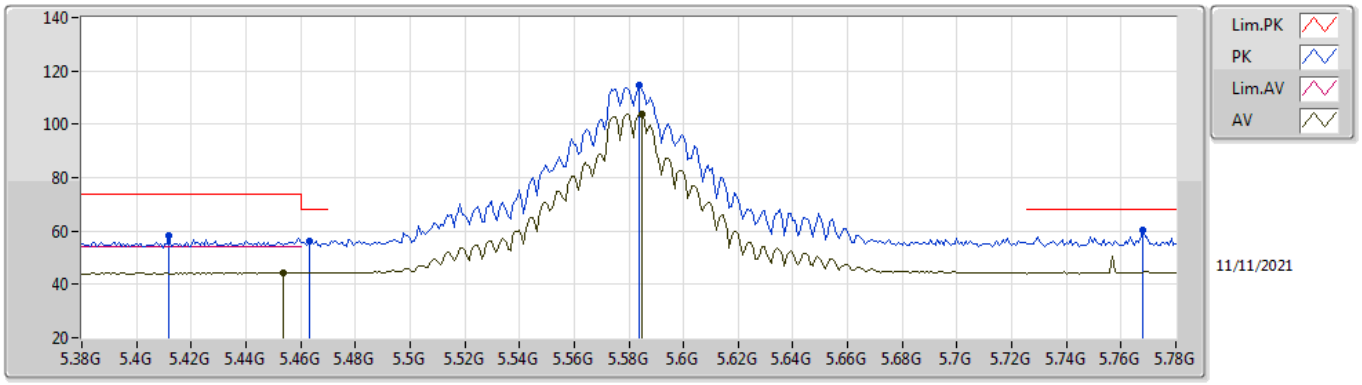


EUT Z_2TX
Setting 27
02-B-S-8-10

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	5.452G	57.40	74.00	-16.60	50.18	3	Vertical	79	1.17	-	33.90	5.45	32.13
AV	5.4576G	45.40	54.00	-8.60	38.17	3	Vertical	79	1.17	-	33.90	5.46	32.13
PK	5.4632G	57.75	68.20	-10.45	50.52	3	Vertical	79	1.17	-	33.90	5.46	32.13
PK	5.5832G	122.85	Inf	-Inf	115.50	3	Vertical	79	1.17	-	33.90	5.58	32.13
AV	5.5832G	112.23	Inf	-Inf	104.88	3	Vertical	79	1.17	-	33.90	5.58	32.13
PK	5.7608G	59.21	68.20	-8.99	51.98	3	Vertical	79	1.17	-	33.78	5.60	32.15

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

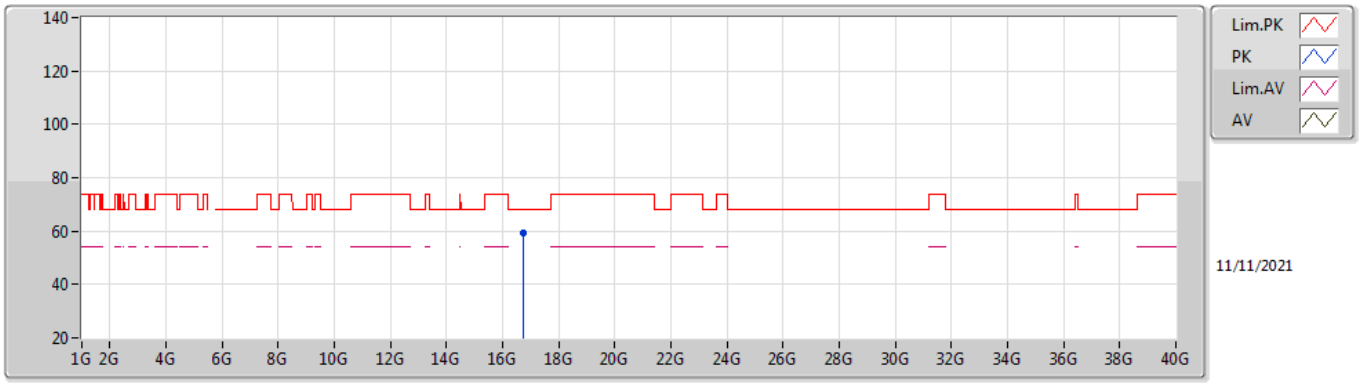


EUT Z_2TX
Setting 27
02-B-S-8-10

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	5.412G	58.28	74.00	-15.72	51.19	3	Horizontal	286	2.22	-	33.82	5.41	32.14
PK	5.4632G	56.24	68.20	-11.96	49.01	3	Horizontal	286	2.22	-	33.90	5.46	32.13
AV	5.4536G	44.37	54.00	-9.63	37.15	3	Horizontal	286	2.22	-	33.90	5.45	32.13
PK	5.584G	114.88	Inf	-Inf	107.54	3	Horizontal	286	2.22	-	33.90	5.58	32.14
AV	5.5848G	103.69	Inf	-Inf	96.35	3	Horizontal	286	2.22	-	33.90	5.58	32.14
PK	5.768G	60.25	68.20	-7.95	53.04	3	Horizontal	286	2.22	-	33.76	5.60	32.15

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

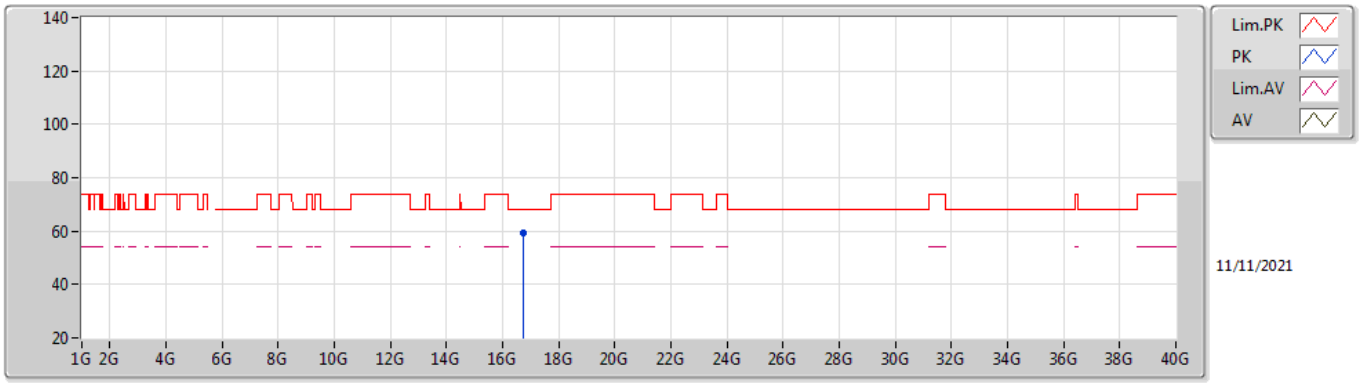


EUT Z_2TX
Setting 27
02-B-S-8

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	16.738G	59.44	68.20	-8.76	42.43	3	Vertical	102	1.09	-	39.93	10.37	33.29

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

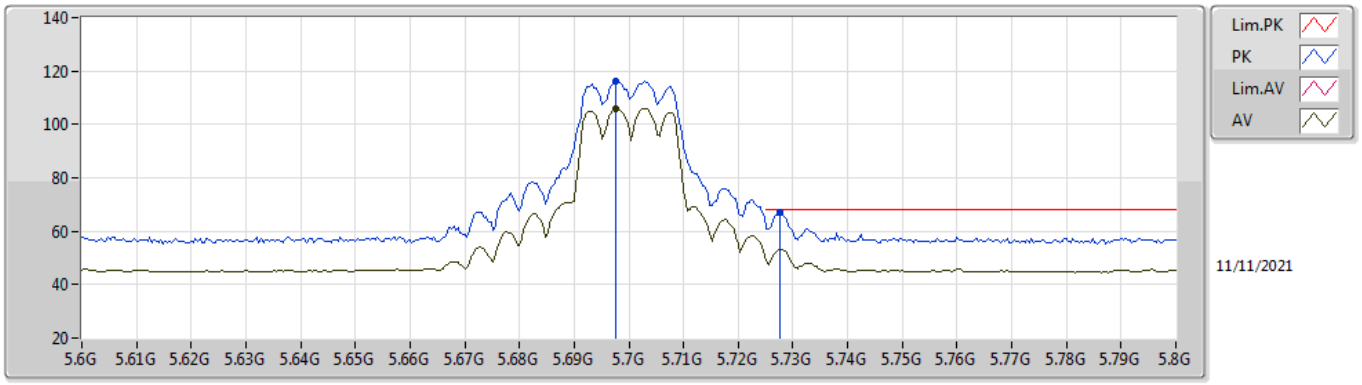


EUT Z_2TX
Setting 27
02-B-S-8

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	16.73738G	59.43	68.20	-8.77	42.43	3	Horizontal	239	2.56	-	39.92	10.37	33.29

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

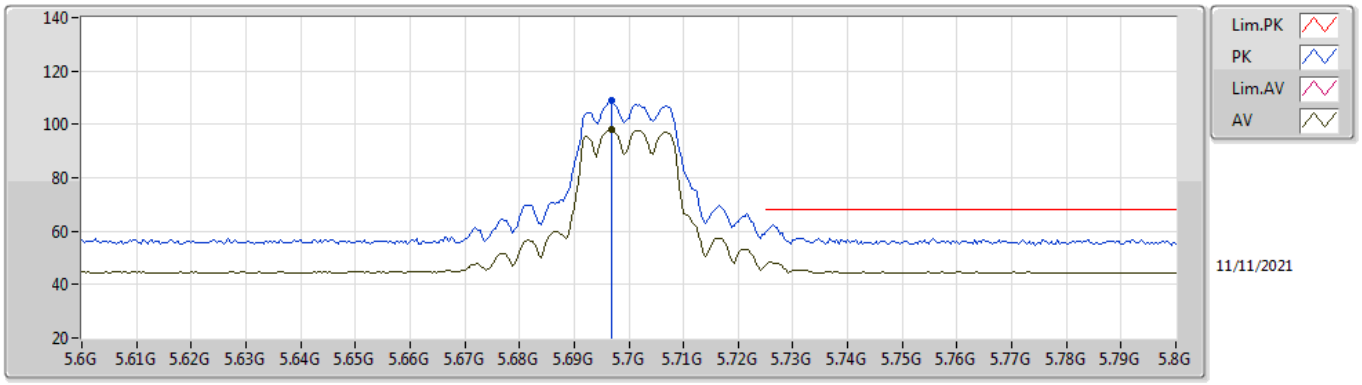


EUT Z_2TX
Setting 20.5
02-B-S-8-10

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	5.6976G	116.32	Inf	-Inf	109.16	3	Vertical	97	1.02	-	33.70	5.60	32.14
AV	5.6976G	105.97	Inf	-Inf	98.81	3	Vertical	97	1.02	-	33.70	5.60	32.14
PK	5.7276G	66.86	68.20	-1.34	59.64	3	Vertical	97	1.02	-	33.76	5.60	32.14

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

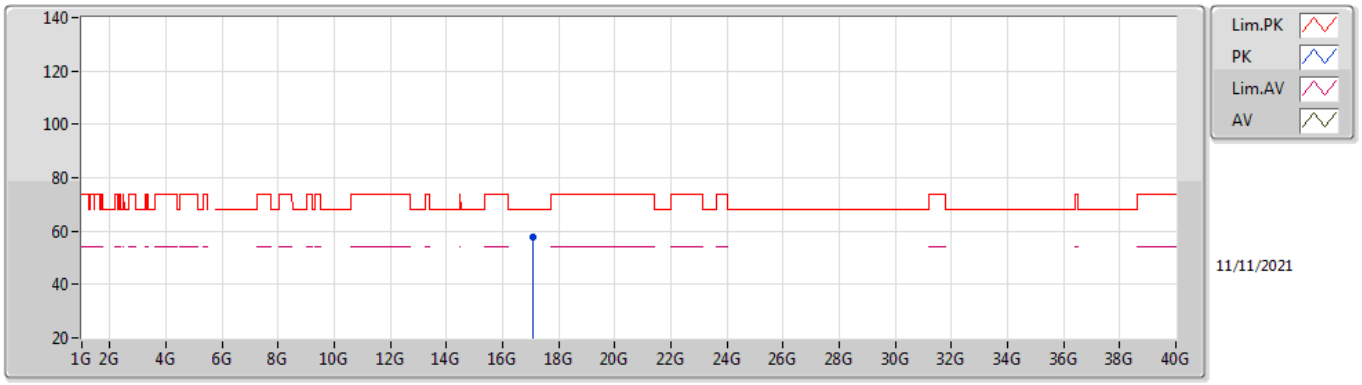


EUT Z_2TX
Setting 20.5
02-B-S-8-10

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	5.6968G	108.92	Inf	-Inf	101.75	3	Horizontal	79	1.97	-	33.71	5.60	32.14
AV	5.6968G	98.02	Inf	-Inf	90.85	3	Horizontal	79	1.97	-	33.71	5.60	32.14

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

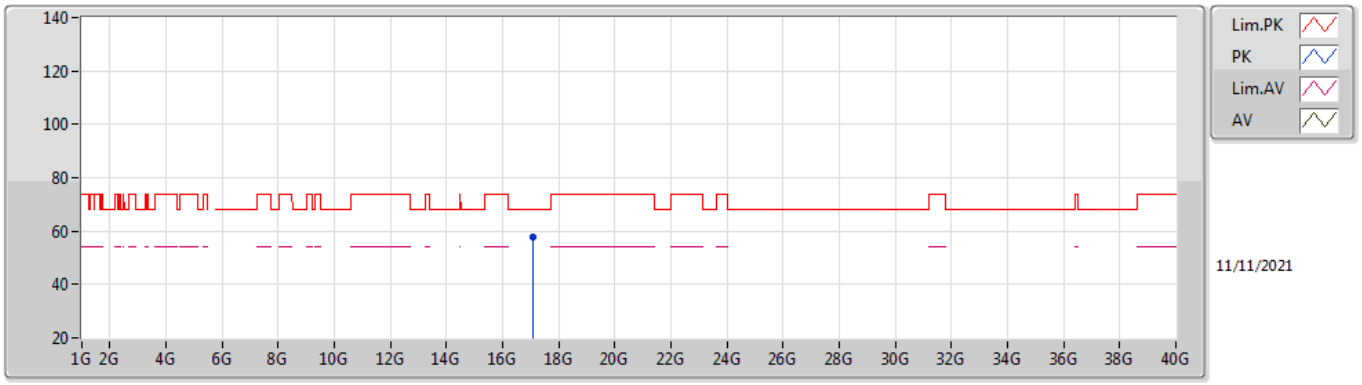


EUT Z_2TX
Setting 20.5
02-B-S-8

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	17.10246G	57.63	68.20	-10.57	39.18	3	Vertical	77	1.44	-	41.32	10.55	33.42

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

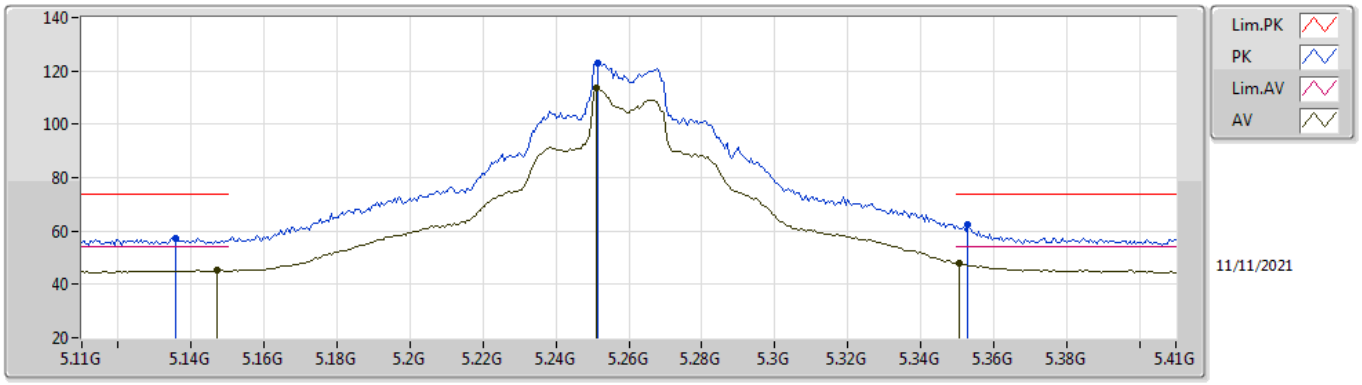


EUT Z_2TX
Setting 20.5
02-B-S-8

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	17.10194G	57.67	68.20	-10.53	39.23	3	Horizontal	76	2.37	-	41.31	10.55	33.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

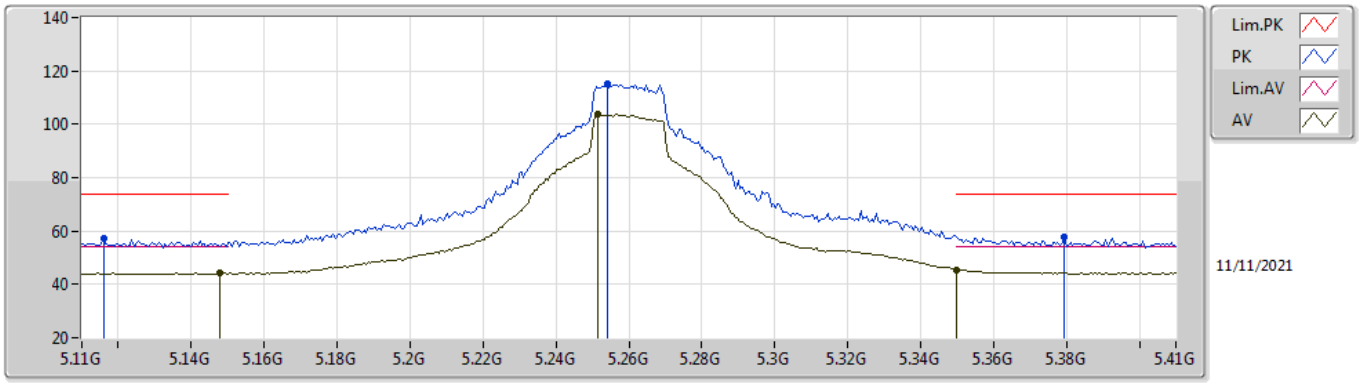


EUT Z_2TX
Setting 30
02-B-S-8-10

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	5.1358G	57.43	74.00	-16.57	50.84	3	Vertical	80	1.80	-	33.50	5.24	32.15
AV	5.1472G	45.14	54.00	-8.86	38.54	3	Vertical	80	1.80	-	33.50	5.25	32.15
PK	5.2516G	123.06	Inf	-Inf	116.27	3	Vertical	80	1.80	-	33.60	5.33	32.14
AV	5.251G	113.76	Inf	-Inf	106.97	3	Vertical	80	1.80	-	33.60	5.33	32.14
PK	5.353G	62.50	74.00	-11.50	55.55	3	Vertical	80	1.80	-	33.71	5.38	32.14
AV	5.3506G	47.73	54.00	-6.27	40.79	3	Vertical	80	1.80	-	33.70	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

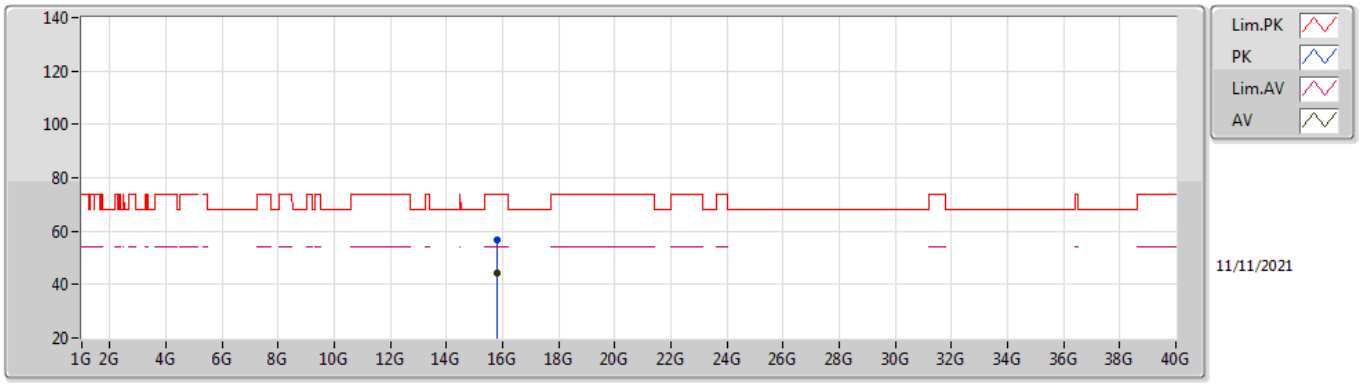


EUT Z_2TX
Setting 30
02-B-S-8-10

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	5.116G	57.40	74.00	-16.60	50.83	3	Horizontal	263	2.08	-	33.50	5.22	32.15
AV	5.1478G	44.22	54.00	-9.78	37.62	3	Horizontal	263	2.08	-	33.50	5.25	32.15
PK	5.254G	115.00	Inf	-Inf	108.20	3	Horizontal	263	2.08	-	33.61	5.33	32.14
AV	5.2516G	103.82	Inf	-Inf	97.03	3	Horizontal	263	2.08	-	33.60	5.33	32.14
PK	5.3794G	57.73	74.00	-16.27	50.72	3	Horizontal	263	2.08	-	33.76	5.39	32.14
AV	5.35G	45.59	54.00	-8.41	38.65	3	Horizontal	263	2.08	-	33.70	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

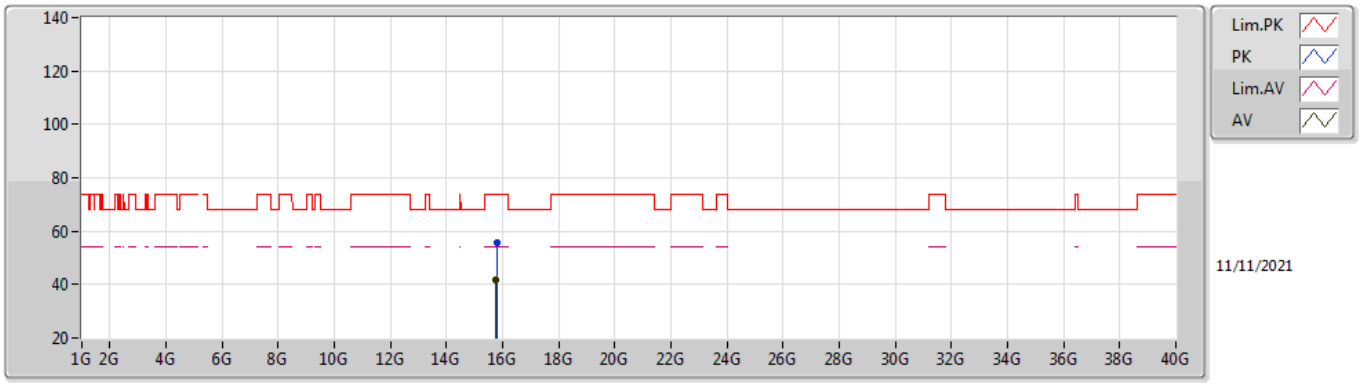


EUT Z_2TX
Setting 30
02-B-S-8

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	15.78112G	56.80	74.00	-17.20	42.98	3	Vertical	45	2.71	-	37.40	9.90	33.48
AV	15.7836G	44.15	54.00	-9.85	30.33	3	Vertical	45	2.71	-	37.40	9.90	33.48

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

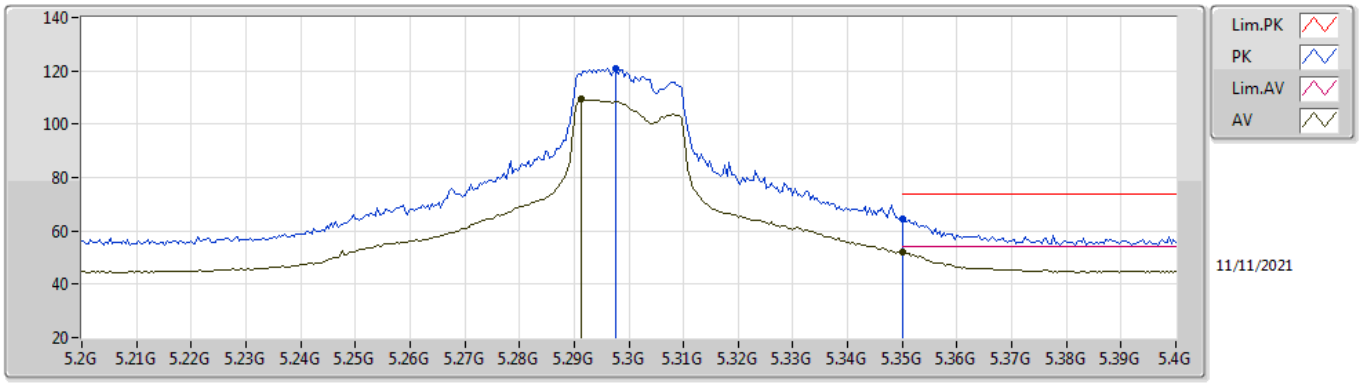


EUT Z_2TX
Setting 30
02-B-S-8

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	15.782G	55.90	74.00	-18.10	42.08	3	Horizontal	253	1.80	-	37.40	9.90	33.48
AV	15.7748G	41.97	54.00	-12.03	28.14	3	Horizontal	253	1.80	-	37.40	9.90	33.47

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

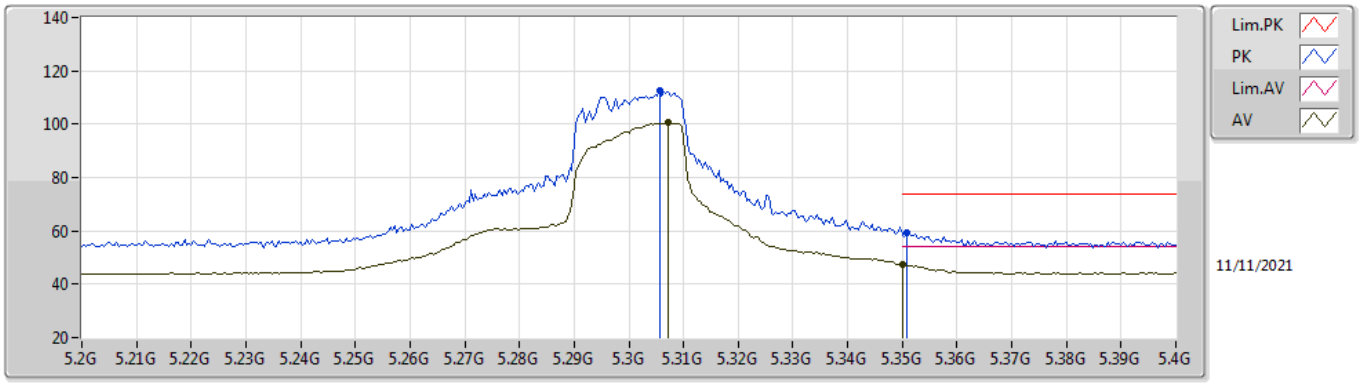


EUT Z_2TX
Setting 27
02-B-S-8-10

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	5.2976G	120.99	Inf	-Inf	114.08	3	Vertical	66	2.10	-	33.70	5.35	32.14
AV	5.2912G	109.24	Inf	-Inf	102.35	3	Vertical	66	2.10	-	33.68	5.35	32.14
PK	5.35G	64.47	74.00	-9.53	57.53	3	Vertical	66	2.10	-	33.70	5.38	32.14
AV	5.35G	51.85	54.00	-2.15	44.91	3	Vertical	66	2.10	-	33.70	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

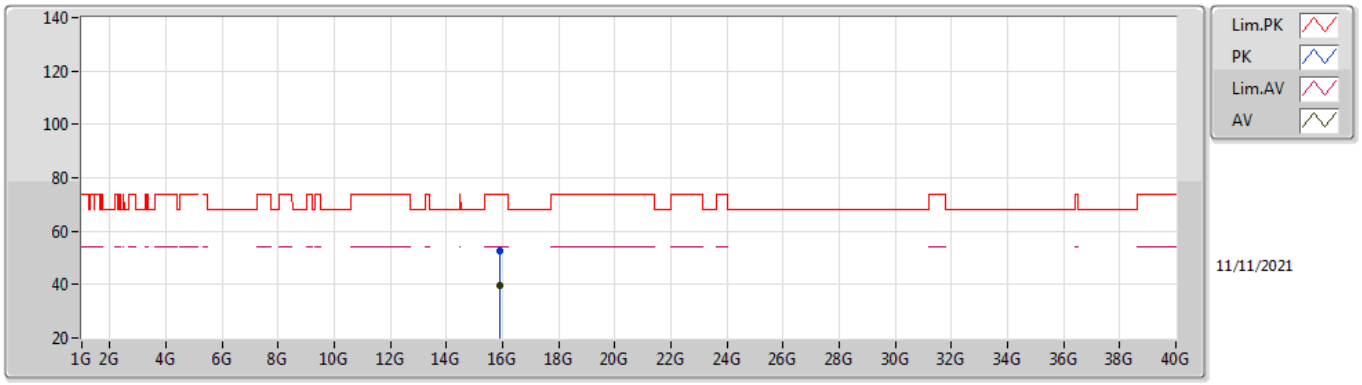


EUT Z_2TX
Setting 27
02-B-S-8-10

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	5.3056G	112.37	Inf	-Inf	105.46	3	Horizontal	270	2.09	-	33.70	5.35	32.14
AV	5.3072G	100.50	Inf	-Inf	93.59	3	Horizontal	270	2.09	-	33.70	5.35	32.14
PK	5.3508G	59.16	74.00	-14.84	52.22	3	Horizontal	270	2.09	-	33.70	5.38	32.14
AV	5.35G	47.22	54.00	-6.78	40.28	3	Horizontal	270	2.09	-	33.70	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

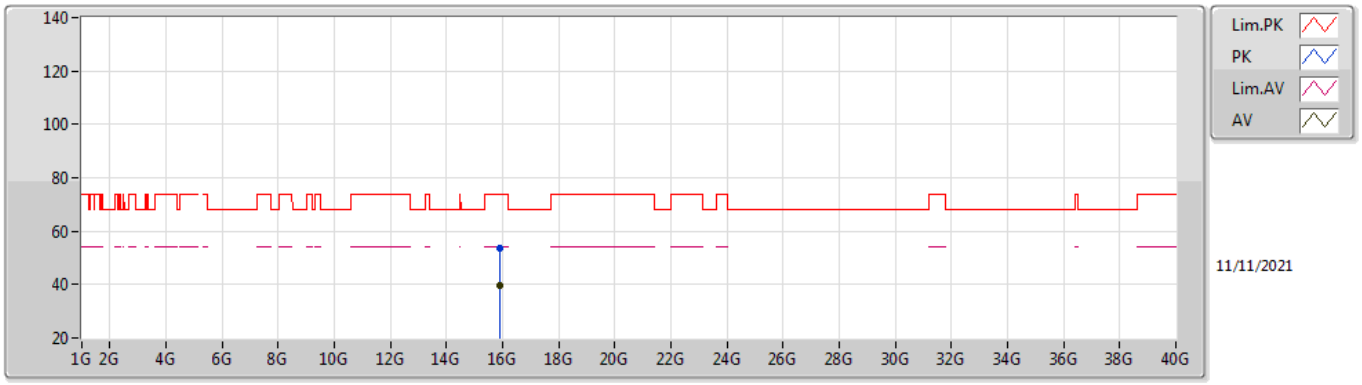


EUT Z_2TX
Setting 27
02-B-S-8

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	15.89732G	52.83	74.00	-21.17	39.00	3	Vertical	139	2.14	-	37.50	9.95	33.62
AV	15.90328G	39.68	54.00	-14.32	25.85	3	Vertical	139	2.14	-	37.50	9.96	33.63

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

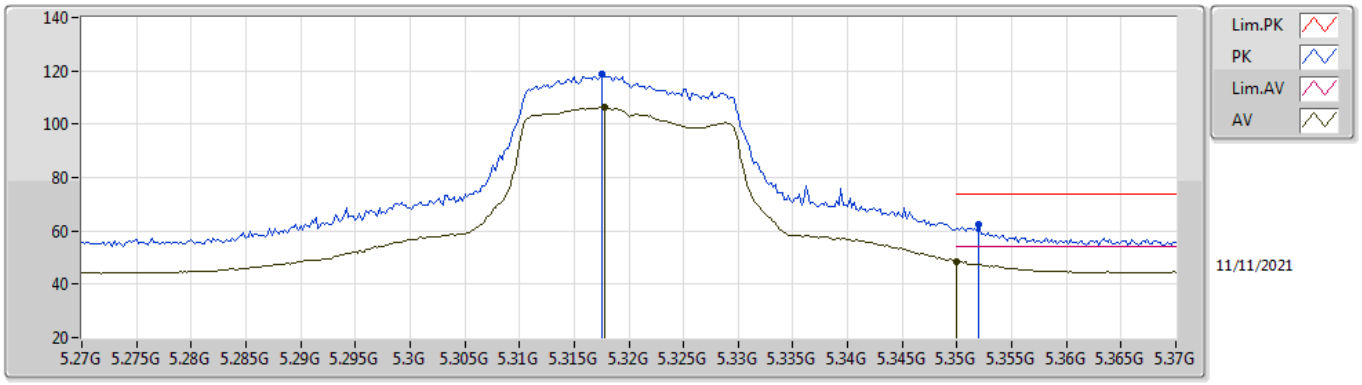


EUT Z_2TX
Setting 27
02-B-S-8

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	15.90178G	53.38	74.00	-20.62	39.54	3	Horizontal	82	1.49	-	37.50	9.96	33.62
AV	15.9046G	39.58	54.00	-14.42	25.75	3	Horizontal	82	1.49	-	37.50	9.96	33.63

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

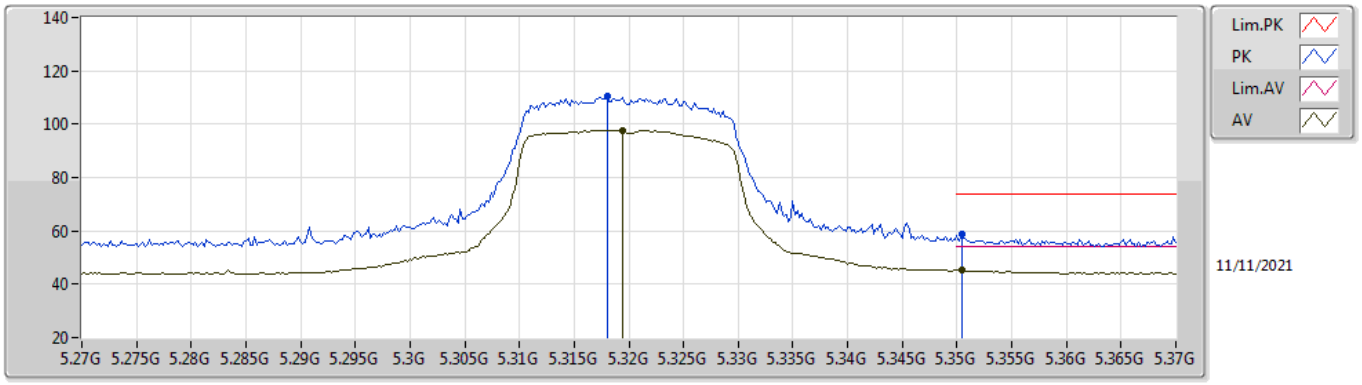


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.3176G	118.95	Inf	-Inf	112.03	3	Vertical	190	1.30	-	33.70	5.36	32.14
AV	5.3178G	106.30	Inf	-Inf	99.38	3	Vertical	190	1.30	-	33.70	5.36	32.14
PK	5.352G	62.20	74.00	-11.80	55.26	3	Vertical	190	1.30	-	33.70	5.38	32.14
AV	5.35G	48.52	54.00	-5.48	41.58	3	Vertical	190	1.30	-	33.70	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

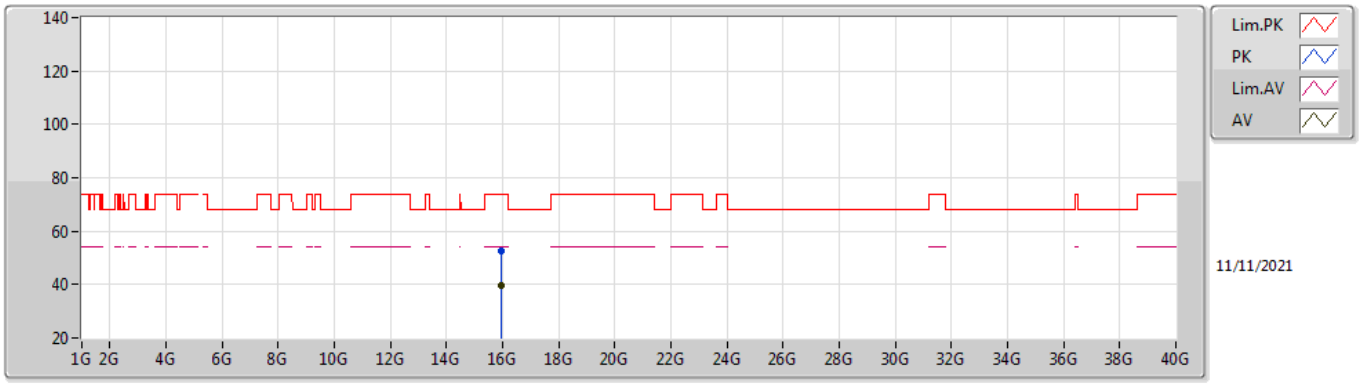


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.318G	110.40	Inf	-Inf	103.48	3	Horizontal	271	2.05	-	33.70	5.36	32.14
AV	5.3194G	97.77	Inf	-Inf	90.85	3	Horizontal	271	2.05	-	33.70	5.36	32.14
PK	5.3504G	59.00	74.00	-15.00	52.06	3	Horizontal	271	2.05	-	33.70	5.38	32.14
AV	5.3504G	45.30	54.00	-8.70	38.36	3	Horizontal	271	2.05	-	33.70	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

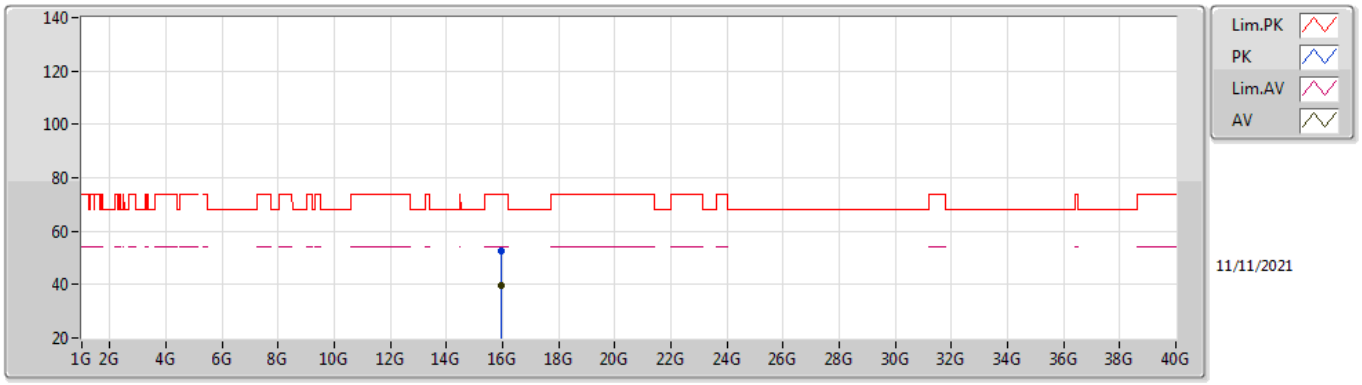


EUT Z_2TX
Setting 24
02-B-S-8

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	15.95994G	52.81	74.00	-21.19	39.08	3	Vertical	351	2.46	-	37.44	9.98	33.69
AV	15.95638G	39.51	54.00	-14.49	25.78	3	Vertical	351	2.46	-	37.44	9.98	33.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

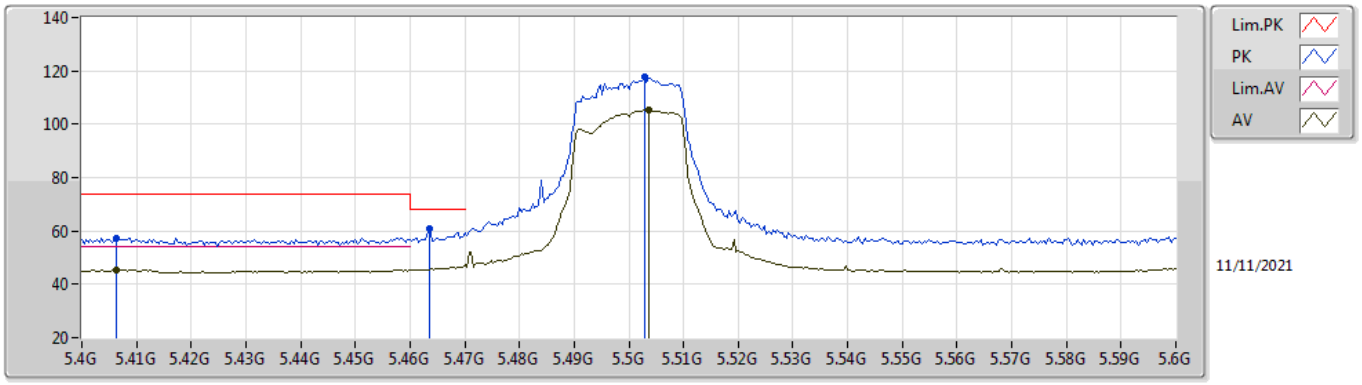


EUT Z_2TX
Setting 24
02-B-S-8

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	15.95502G	52.44	74.00	-21.56	38.71	3	Horizontal	279	2.67	-	37.44	9.98	33.69
AV	15.95652G	39.44	54.00	-14.56	25.71	3	Horizontal	279	2.67	-	37.44	9.98	33.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

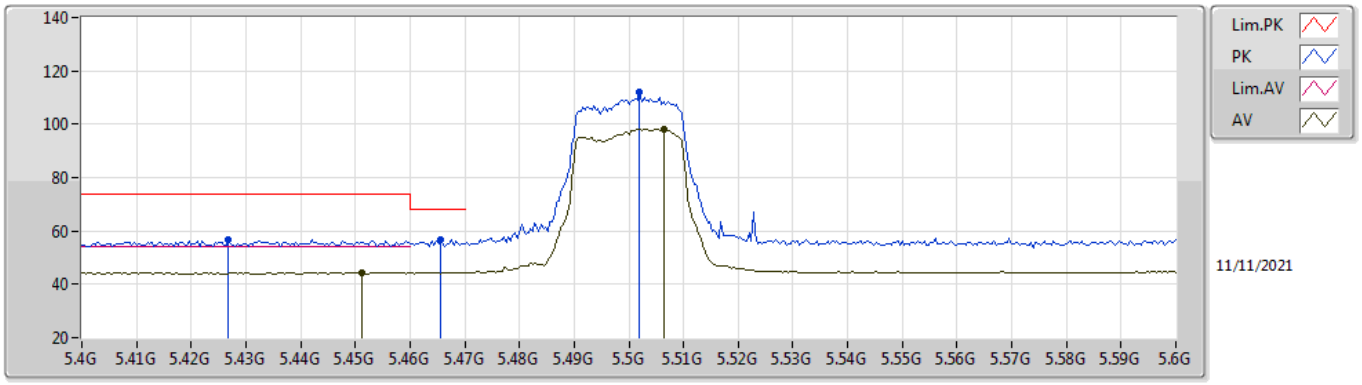


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.4064G	57.45	74.00	-16.55	50.37	3	Vertical	6	1.02	-	33.81	5.41	32.14
AV	5.4064G	45.44	54.00	-8.56	38.36	3	Vertical	6	1.02	-	33.81	5.41	32.14
PK	5.4636G	60.97	68.20	-7.23	53.74	3	Vertical	6	1.02	-	33.90	5.46	32.13
PK	5.5028G	117.54	Inf	-Inf	110.27	3	Vertical	6	1.02	-	33.90	5.50	32.13
AV	5.5036G	105.25	Inf	-Inf	97.98	3	Vertical	6	1.02	-	33.90	5.50	32.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

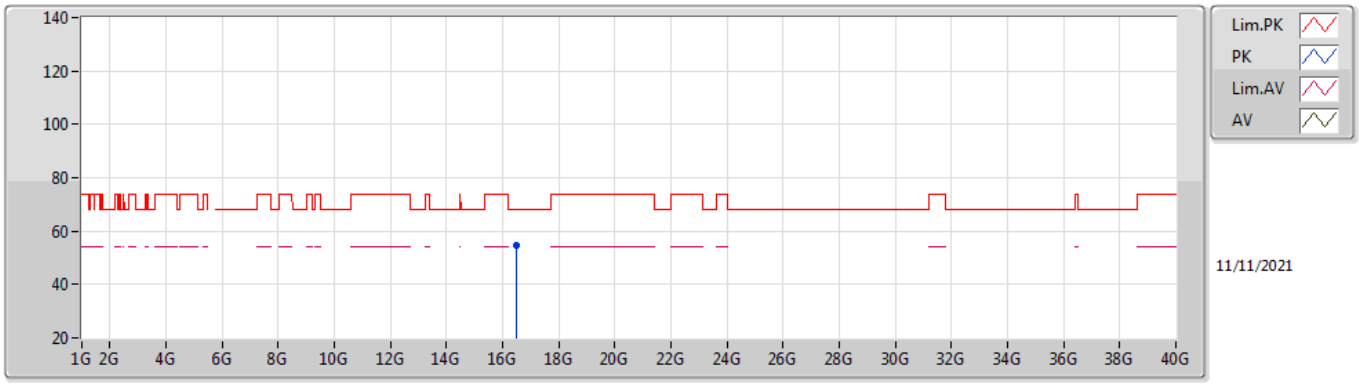


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.4268G	56.61	74.00	-17.39	49.46	3	Horizontal	285	1.46	-	33.85	5.43	32.13
PK	5.4656G	56.59	68.20	-11.61	49.35	3	Horizontal	285	1.46	-	33.90	5.47	32.13
AV	5.4512G	44.52	54.00	-9.48	37.30	3	Horizontal	285	1.46	-	33.90	5.45	32.13
PK	5.502G	112.06	Inf	-Inf	104.79	3	Horizontal	285	1.46	-	33.90	5.50	32.13
AV	5.5064G	98.10	Inf	-Inf	90.82	3	Horizontal	285	1.46	-	33.90	5.51	32.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

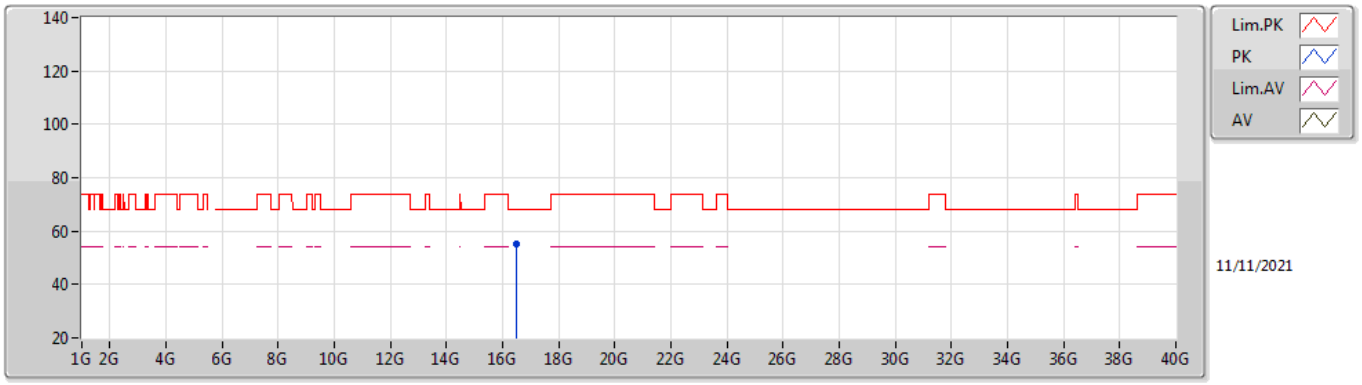


EUT Z_2TX
Setting 24
02-B-S-8

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	16.50364G	54.57	68.20	-13.63	38.66	3	Vertical	296	1.61	-	38.73	10.25	33.07

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

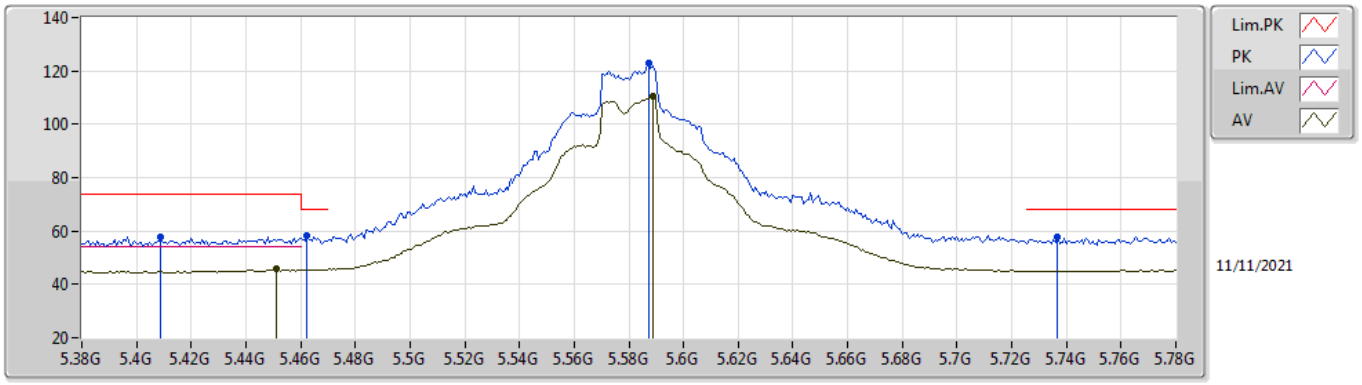


EUT Z_2TX
Setting 24
02-B-S-8

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	16.50498G	55.01	68.20	-13.19	39.09	3	Horizontal	11	1.54	-	38.74	10.25	33.07

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

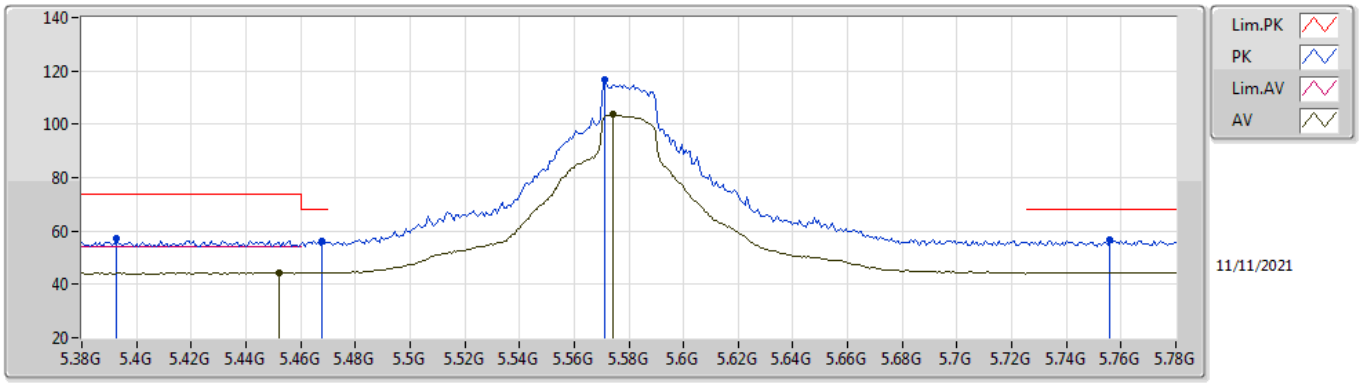


EUT Z_2TX
Setting 30
02-B-S-8-10

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	5.4088G	57.82	74.00	-16.18	50.73	3	Vertical	217	2.44	-	33.82	5.41	32.14
PK	5.4624G	58.33	68.20	-9.87	51.10	3	Vertical	217	2.44	-	33.90	5.46	32.13
AV	5.4512G	45.72	54.00	-8.28	38.50	3	Vertical	217	2.44	-	33.90	5.45	32.13
PK	5.5872G	122.79	Inf	-Inf	115.44	3	Vertical	217	2.44	-	33.90	5.59	32.14
AV	5.5888G	110.38	Inf	-Inf	103.03	3	Vertical	217	2.44	-	33.90	5.59	32.14
PK	5.7368G	57.85	68.20	-10.35	50.62	3	Vertical	217	2.44	-	33.77	5.60	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

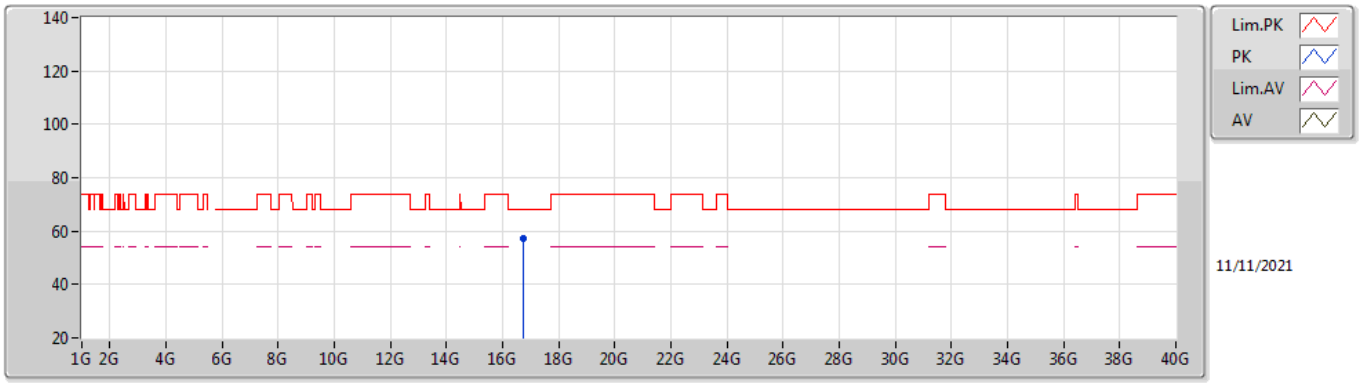


EUT Z_2TX
Setting 30
02-B-S-8-10

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	5.3928G	57.06	74.00	-16.94	50.01	3	Horizontal	286	2.15	-	33.79	5.40	32.14
PK	5.468G	56.07	68.20	-12.13	48.83	3	Horizontal	286	2.15	-	33.90	5.47	32.13
AV	5.452G	44.51	54.00	-9.49	37.29	3	Horizontal	286	2.15	-	33.90	5.45	32.13
PK	5.5712G	116.63	Inf	-Inf	109.29	3	Horizontal	286	2.15	-	33.90	5.57	32.13
AV	5.5744G	103.70	Inf	-Inf	96.36	3	Horizontal	286	2.15	-	33.90	5.57	32.13
PK	5.756G	56.75	68.20	-11.45	49.51	3	Horizontal	286	2.15	-	33.79	5.60	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

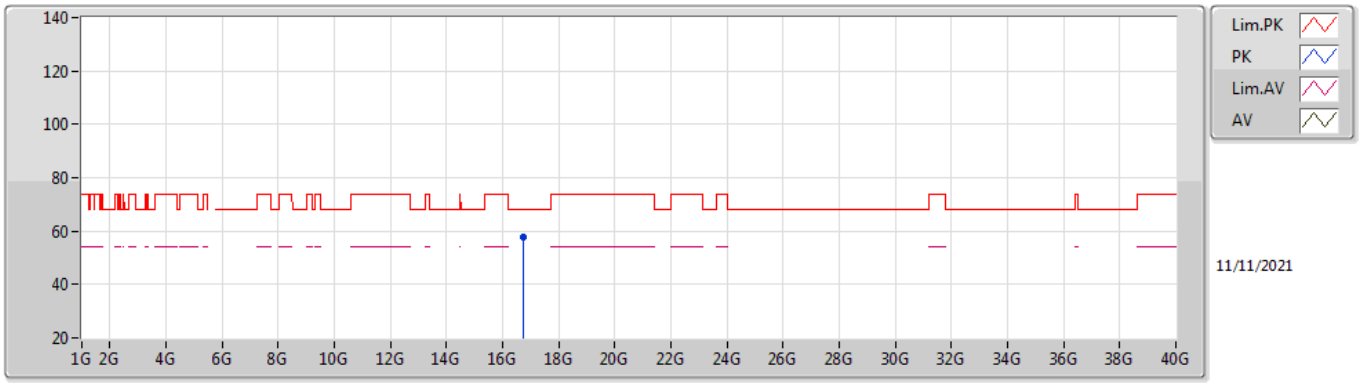


EUT Z_2TX
Setting 30
02-B-S-8

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	16.73988G	57.06	68.20	-11.14	40.05	3	Vertical	276	2.73	-	39.94	10.37	33.30

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

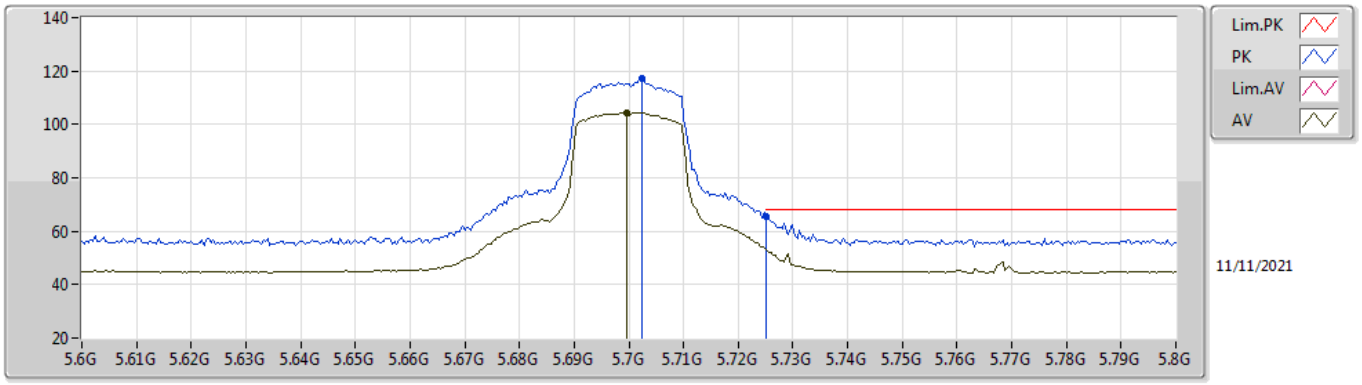


EUT Z_2TX
Setting 30
02-B-S-8

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	16.73698G	57.55	68.20	-10.65	40.55	3	Horizontal	36	1.38	-	39.92	10.37	33.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

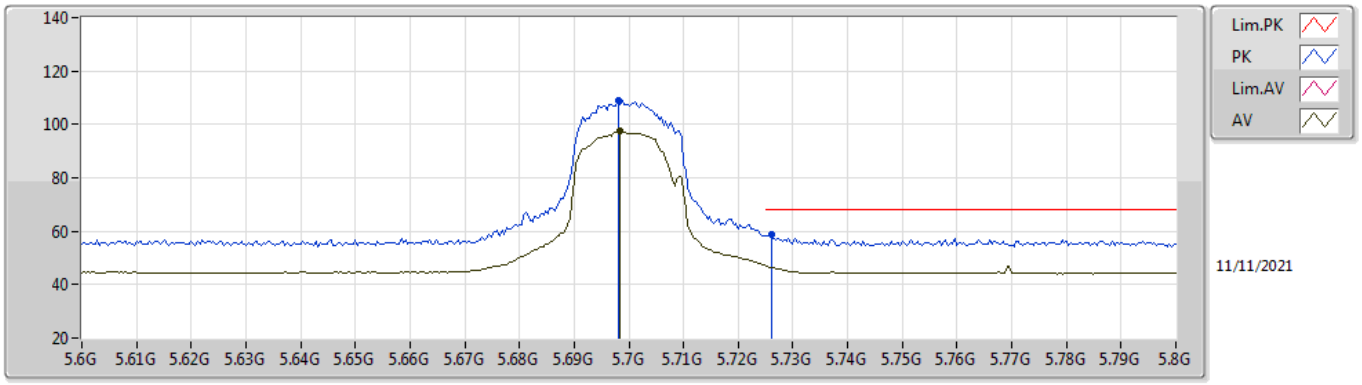


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.7024G	116.99	Inf	-Inf	109.83	3	Vertical	8	2.07	-	33.70	5.60	32.14
AV	5.6996G	104.42	Inf	-Inf	97.26	3	Vertical	8	2.07	-	33.70	5.60	32.14
PK	5.7252G	65.30	68.20	-2.90	58.09	3	Vertical	8	2.07	-	33.75	5.60	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

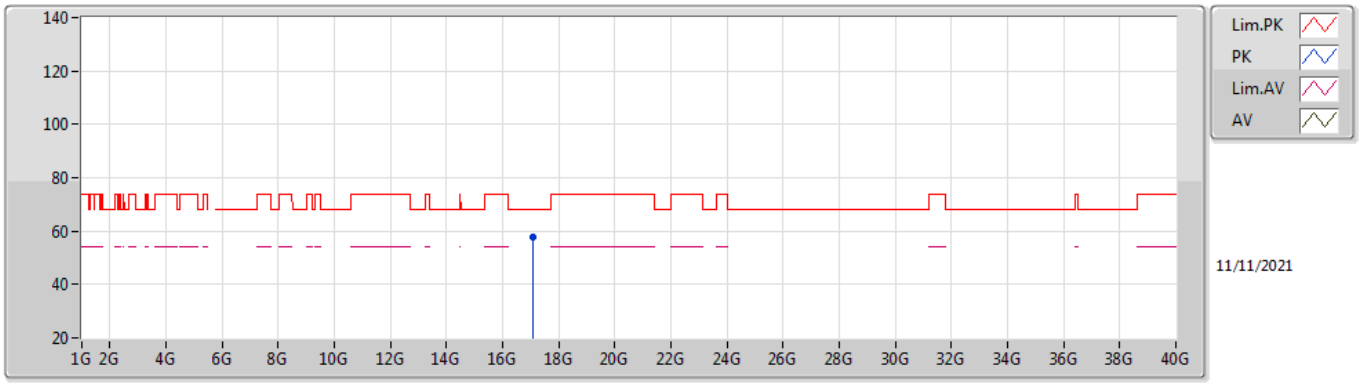


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.698G	108.93	Inf	-Inf	101.77	3	Horizontal	288	1.02	-	33.70	5.60	32.14
AV	5.6984G	97.34	Inf	-Inf	90.18	3	Horizontal	288	1.02	-	33.70	5.60	32.14
PK	5.726G	58.98	68.20	-9.22	51.77	3	Horizontal	288	1.02	-	33.75	5.60	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

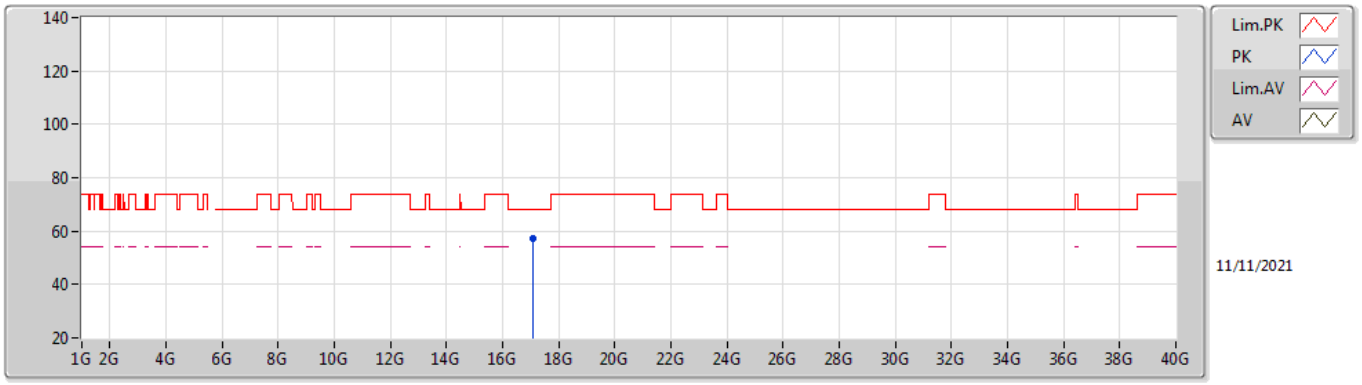


EUT Z_2TX
Setting 23
02-B-S-8

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	17.10054G	57.57	68.20	-10.63	39.15	3	Vertical	336	2.16	-	41.30	10.55	33.43

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

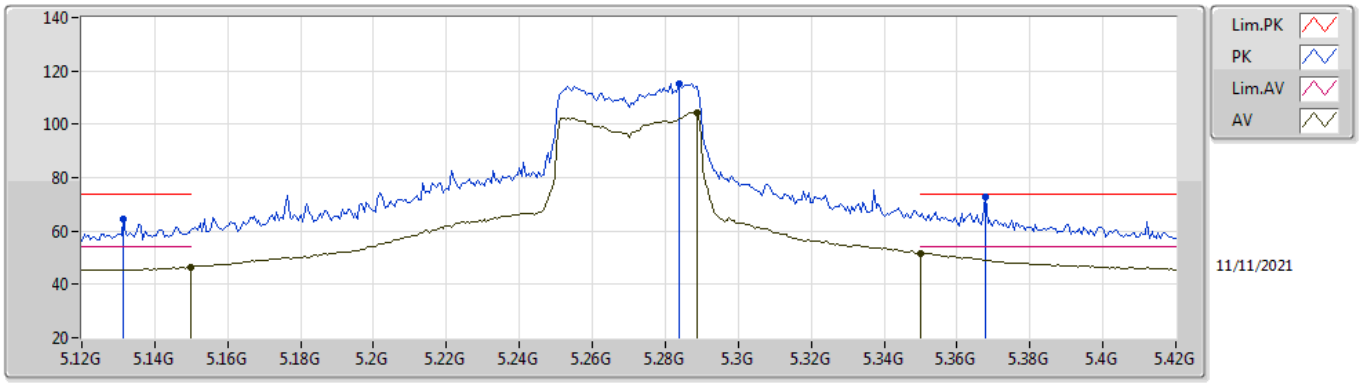


EUT Z_2TX
Setting 23
02-B-S-8

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	17.09988G	57.08	68.20	-11.12	38.66	3	Horizontal	35	1.61	-	41.30	10.55	33.43

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

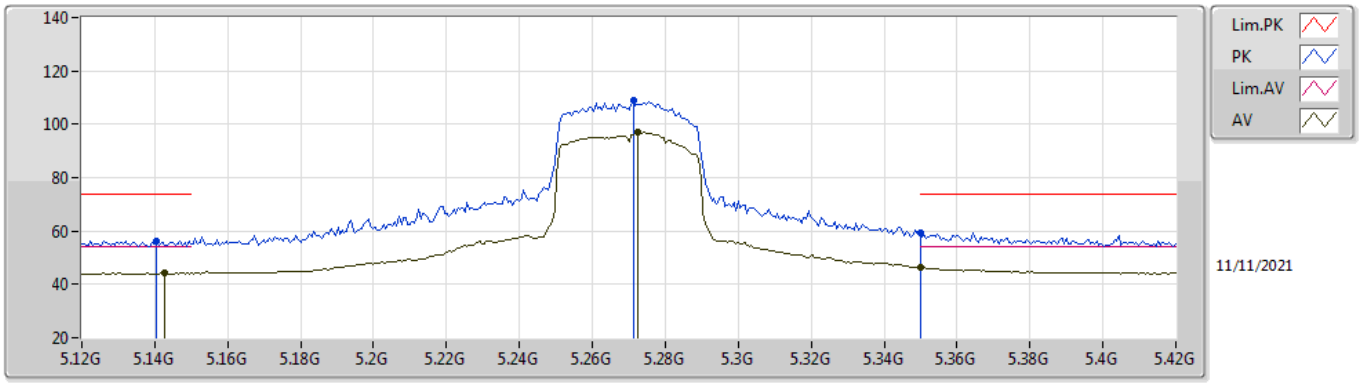


EUT Z_2TX
Setting 25
02-B-S-8-10

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	5.1314G	64.59	74.00	-9.41	58.01	3	Vertical	75	1.02	-	33.50	5.23	32.15
AV	5.15G	46.52	54.00	-7.48	39.92	3	Vertical	75	1.02	-	33.50	5.25	32.15
PK	5.2838G	115.23	Inf	-Inf	108.36	3	Vertical	75	1.02	-	33.67	5.34	32.14
AV	5.2886G	104.56	Inf	-Inf	97.68	3	Vertical	75	1.02	-	33.68	5.34	32.14
PK	5.3678G	72.51	74.00	-1.49	65.53	3	Vertical	75	1.02	-	33.74	5.38	32.14
AV	5.35G	51.69	54.00	-2.31	44.75	3	Vertical	75	1.02	-	33.70	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

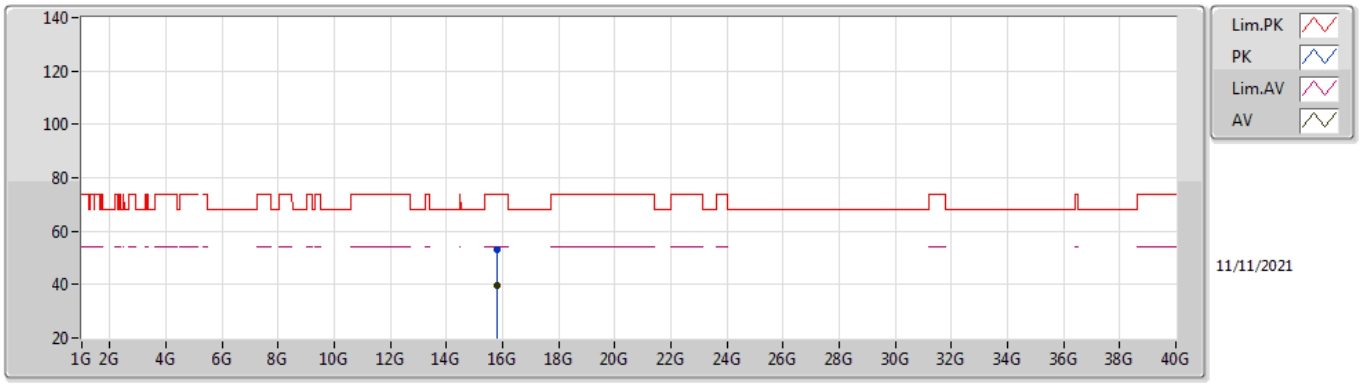


EUT Z_2TX
Setting 25
02-B-S-8-10

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	5.1404G	56.25	74.00	-17.75	49.66	3	Horizontal	264	1.62	-	33.50	5.24	32.15
AV	5.1428G	44.30	54.00	-9.70	37.71	3	Horizontal	264	1.62	-	33.50	5.24	32.15
PK	5.2712G	108.71	Inf	-Inf	101.87	3	Horizontal	264	1.62	-	33.64	5.34	32.14
AV	5.2724G	96.95	Inf	-Inf	90.11	3	Horizontal	264	1.62	-	33.64	5.34	32.14
PK	5.35G	59.51	74.00	-14.49	52.57	3	Horizontal	264	1.62	-	33.70	5.38	32.14
AV	5.35G	46.18	54.00	-7.82	39.24	3	Horizontal	264	1.62	-	33.70	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

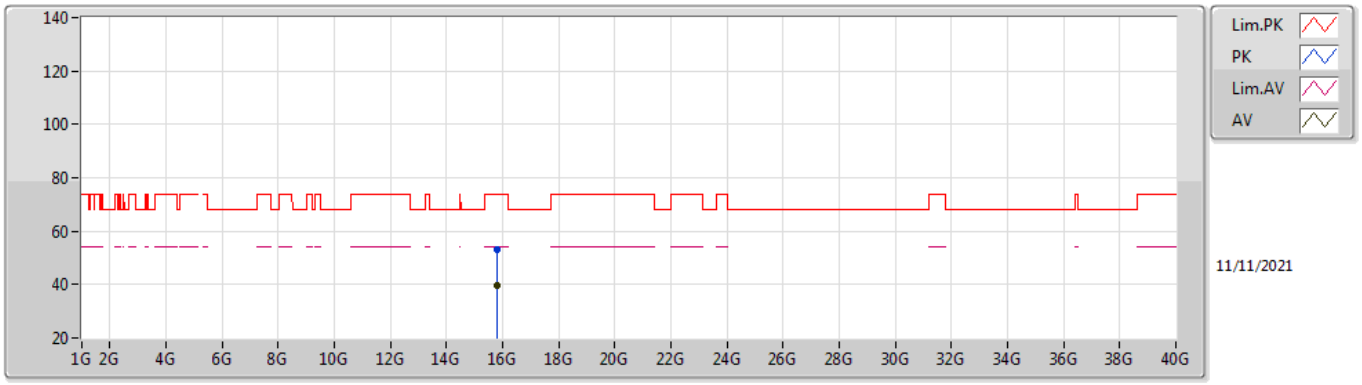


EUT Z_2TX
Setting 25
02-B-S-8

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	15.81302G	53.09	74.00	-20.91	39.28	3	Vertical	216	2.23	-	37.41	9.92	33.52
AV	15.81198G	39.84	54.00	-14.16	26.03	3	Vertical	216	2.23	-	37.41	9.92	33.52

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

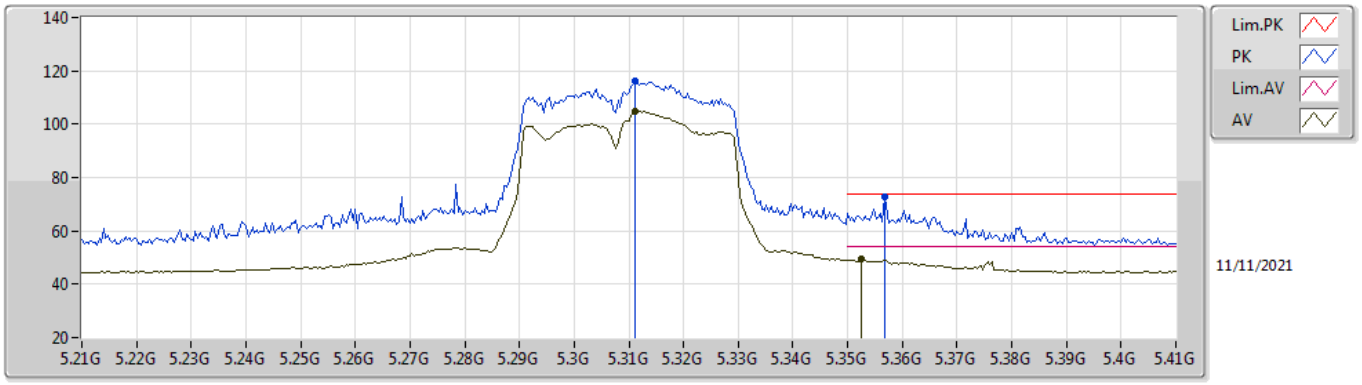


EUT Z_2TX
Setting 25
02-B-S-8

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	15.81036G	52.91	74.00	-21.09	39.11	3	Horizontal	311	2.95	-	37.41	9.91	33.52
AV	15.81088G	39.87	54.00	-14.13	26.07	3	Horizontal	311	2.95	-	37.41	9.91	33.52

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

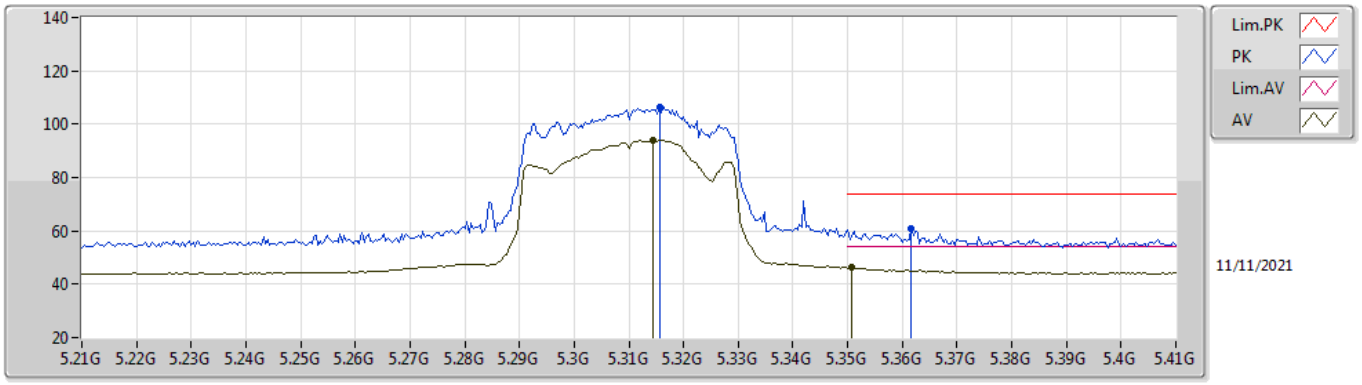


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.3112G	116.35	Inf	-Inf	109.43	3	Vertical	196	1.88	-	33.70	5.36	32.14
AV	5.3112G	104.69	Inf	-Inf	97.77	3	Vertical	196	1.88	-	33.70	5.36	32.14
PK	5.3568G	72.64	74.00	-1.36	65.69	3	Vertical	196	1.88	-	33.71	5.38	32.14
AV	5.3524G	49.24	54.00	-4.76	42.30	3	Vertical	196	1.88	-	33.70	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

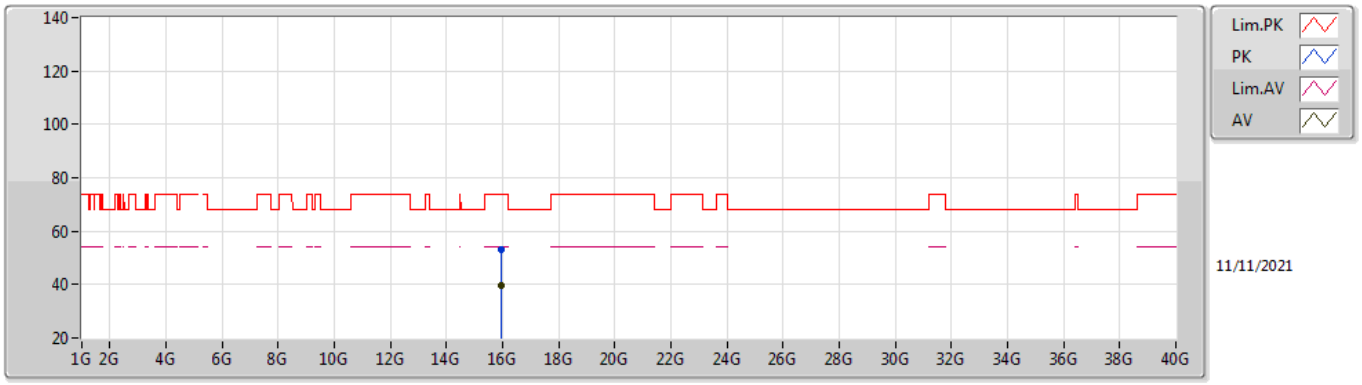


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.3156G	106.41	Inf	-Inf	99.49	3	Horizontal	273	1.26	-	33.70	5.36	32.14
AV	5.3144G	94.01	Inf	-Inf	87.09	3	Horizontal	273	1.26	-	33.70	5.36	32.14
PK	5.3616G	61.02	74.00	-12.98	54.06	3	Horizontal	273	1.26	-	33.72	5.38	32.14
AV	5.3508G	46.29	54.00	-7.71	39.35	3	Horizontal	273	1.26	-	33.70	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

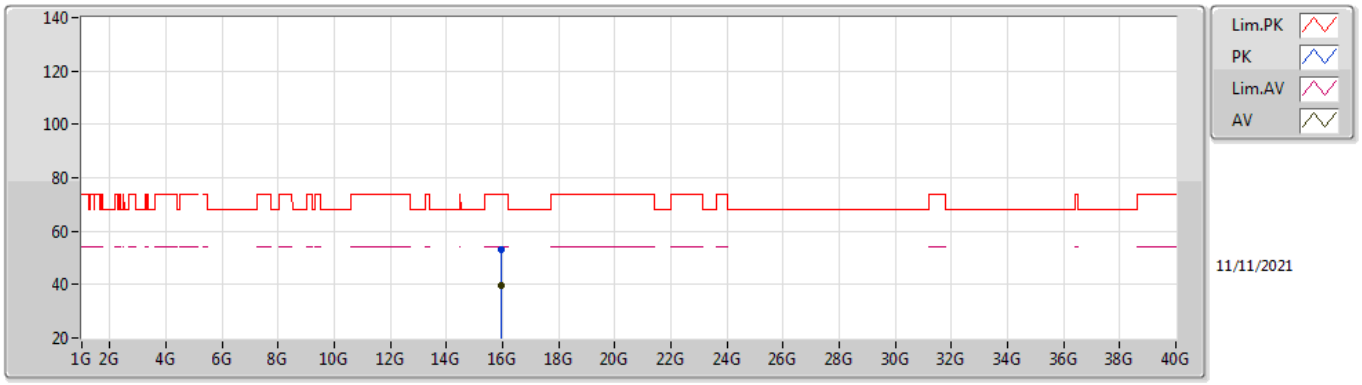


EUT Z_2TX
Setting 24
02-B-S-8

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	15.92884G	53.00	74.00	-21.00	39.22	3	Vertical	151	2.48	-	37.47	9.97	33.66
AV	15.92928G	39.69	54.00	-14.31	25.91	3	Vertical	151	2.48	-	37.47	9.97	33.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

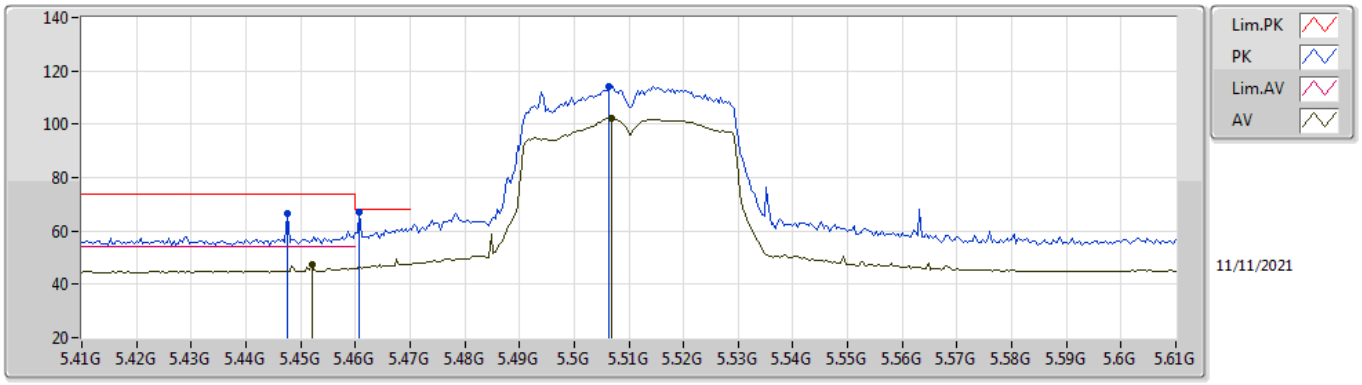


EUT Z_2TX
Setting 24
02-B-S-8

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	15.9341G	52.92	74.00	-21.08	39.14	3	Horizontal	64	2.64	-	37.47	9.97	33.66
AV	15.93124G	39.76	54.00	-14.24	25.98	3	Horizontal	64	2.64	-	37.47	9.97	33.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

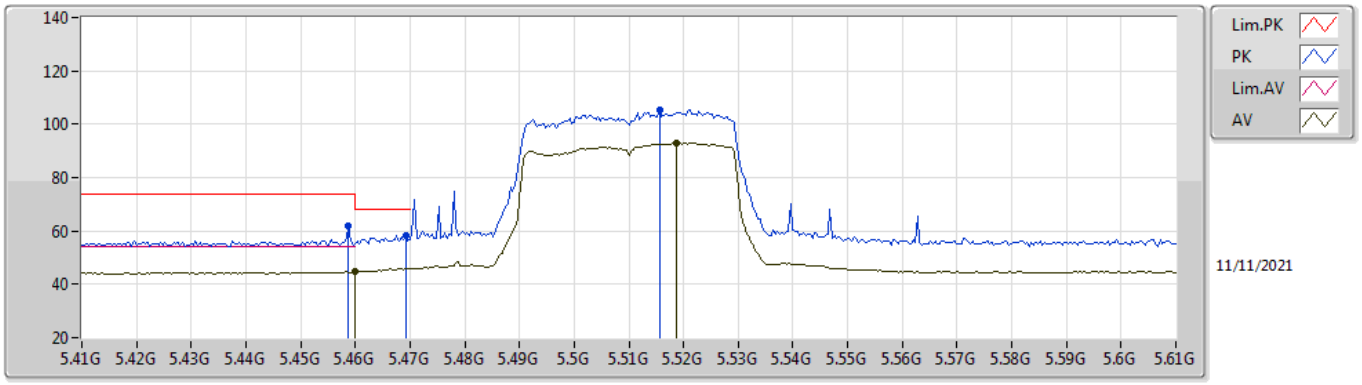


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.4476G	66.52	74.00	-7.48	59.30	3	Vertical	63	1.69	-	33.90	5.45	32.13
AV	5.452G	47.21	54.00	-6.79	39.99	3	Vertical	63	1.69	-	33.90	5.45	32.13
PK	5.4608G	66.97	68.20	-1.23	59.74	3	Vertical	63	1.69	-	33.90	5.46	32.13
PK	5.5064G	114.03	Inf	-Inf	106.75	3	Vertical	63	1.69	-	33.90	5.51	32.13
AV	5.5068G	102.28	Inf	-Inf	95.00	3	Vertical	63	1.69	-	33.90	5.51	32.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

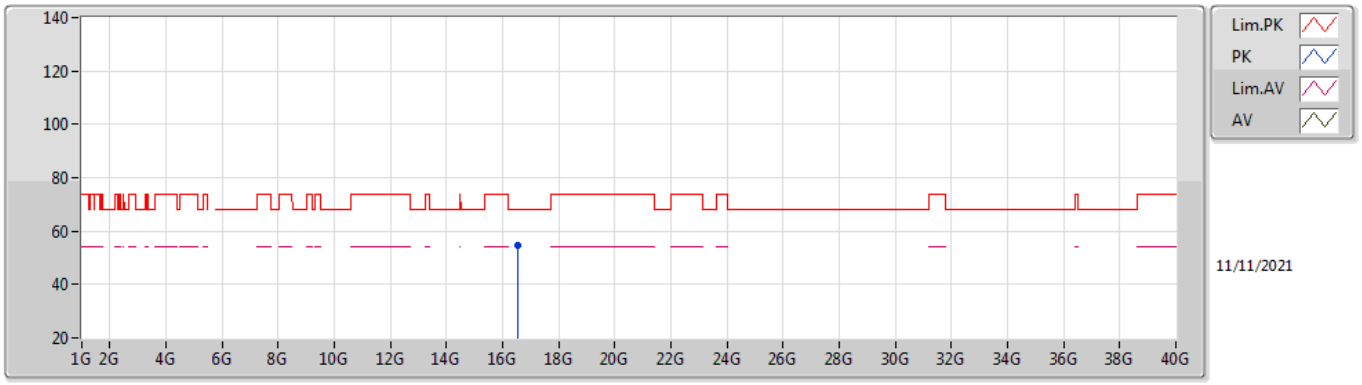


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.4588G	62.11	74.00	-11.89	54.88	3	Horizontal	290	1.50	-	33.90	5.46	32.13
AV	5.46G	44.75	54.00	-9.25	37.52	3	Horizontal	290	1.50	-	33.90	5.46	32.13
PK	5.4692G	58.53	68.20	-9.67	51.29	3	Horizontal	290	1.50	-	33.90	5.47	32.13
PK	5.5156G	105.40	Inf	-Inf	98.11	3	Horizontal	290	1.50	-	33.90	5.52	32.13
AV	5.5188G	92.95	Inf	-Inf	85.66	3	Horizontal	290	1.50	-	33.90	5.52	32.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

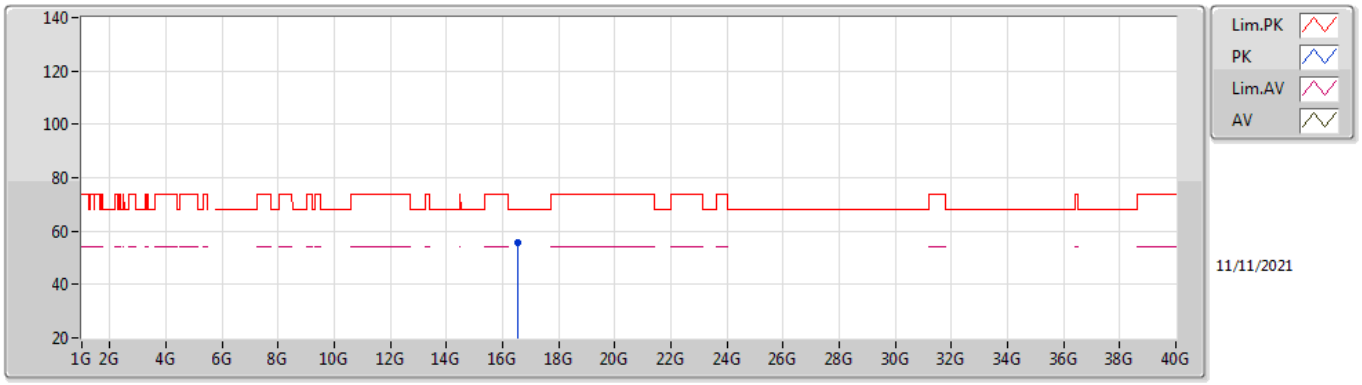


EUT Z_2TX
Setting 23
02-B-S-8

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	16.53202G	54.78	68.20	-13.42	38.62	3	Vertical	77	1.75	-	38.99	10.27	33.10

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

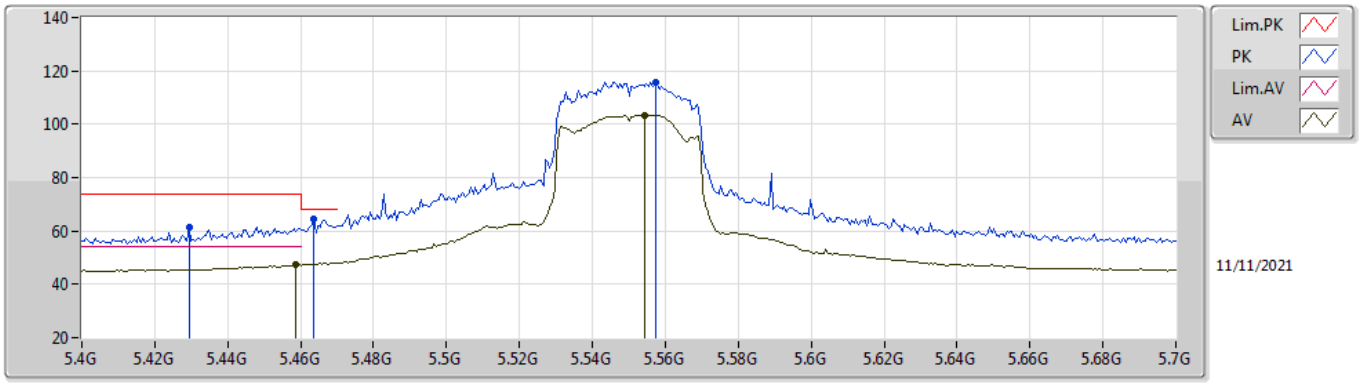


EUT Z_2TX
Setting 23
02-B-S-8

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	16.52822G	55.51	68.20	-12.69	39.40	3	Horizontal	347	2.81	-	38.95	10.26	33.10

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

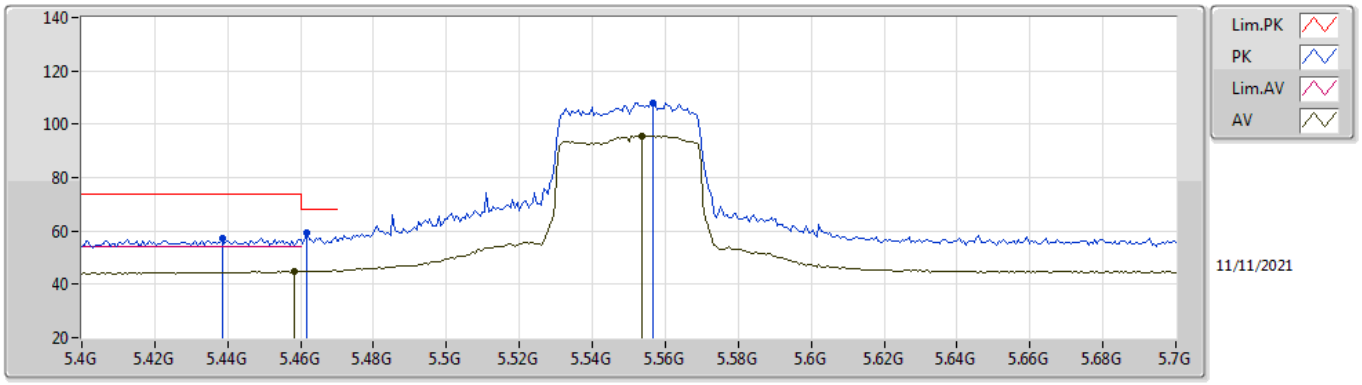


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.4294G	61.46	74.00	-12.54	54.30	3	Vertical	7	1.00	-	33.86	5.43	32.13
PK	5.4636G	64.74	68.20	-3.46	57.51	3	Vertical	7	1.00	-	33.90	5.46	32.13
AV	5.4588G	47.19	54.00	-6.81	39.96	3	Vertical	7	1.00	-	33.90	5.46	32.13
PK	5.5572G	115.94	Inf	-Inf	108.61	3	Vertical	7	1.00	-	33.90	5.56	32.13
AV	5.5542G	103.42	Inf	-Inf	96.10	3	Vertical	7	1.00	-	33.90	5.55	32.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

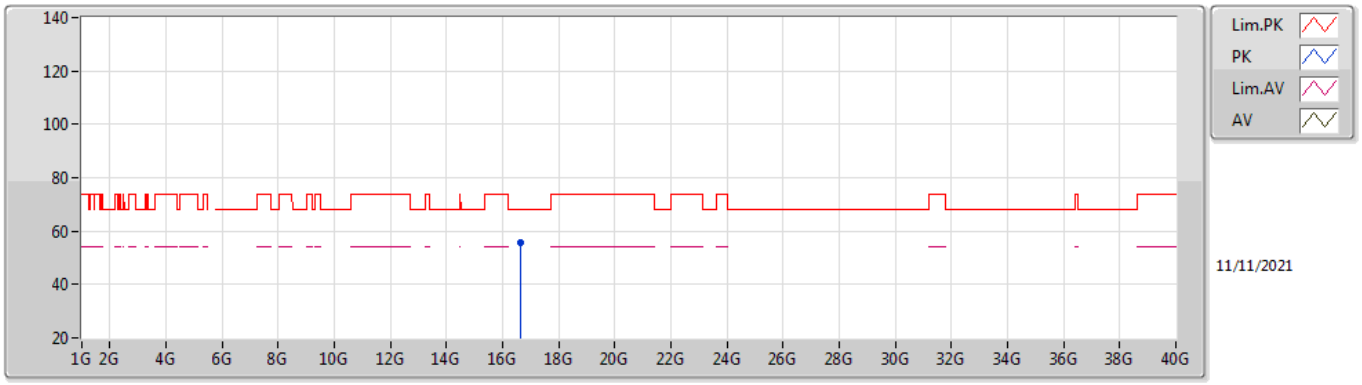


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.4384G	57.14	74.00	-16.86	49.95	3	Horizontal	286	1.80	-	33.88	5.44	32.13
PK	5.4618G	59.47	68.20	-8.73	52.24	3	Horizontal	286	1.80	-	33.90	5.46	32.13
AV	5.4582G	44.87	54.00	-9.13	37.64	3	Horizontal	286	1.80	-	33.90	5.46	32.13
PK	5.5566G	107.97	Inf	-Inf	100.64	3	Horizontal	286	1.80	-	33.90	5.56	32.13
AV	5.5536G	95.72	Inf	-Inf	88.40	3	Horizontal	286	1.80	-	33.90	5.55	32.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

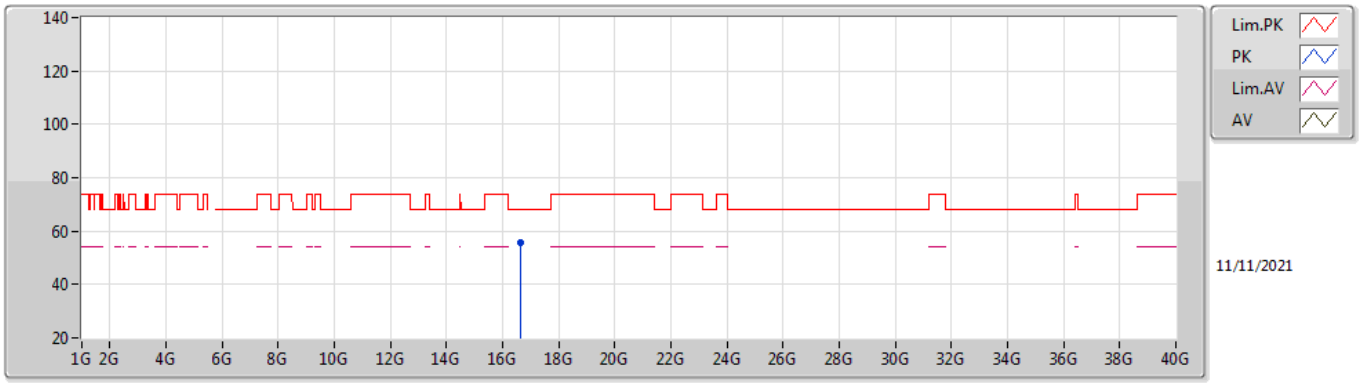


EUT Z_2TX
Setting 24
02-B-S-8

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	16.65222G	55.49	68.20	-12.71	38.72	3	Vertical	350	1.12	-	39.65	10.33	33.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

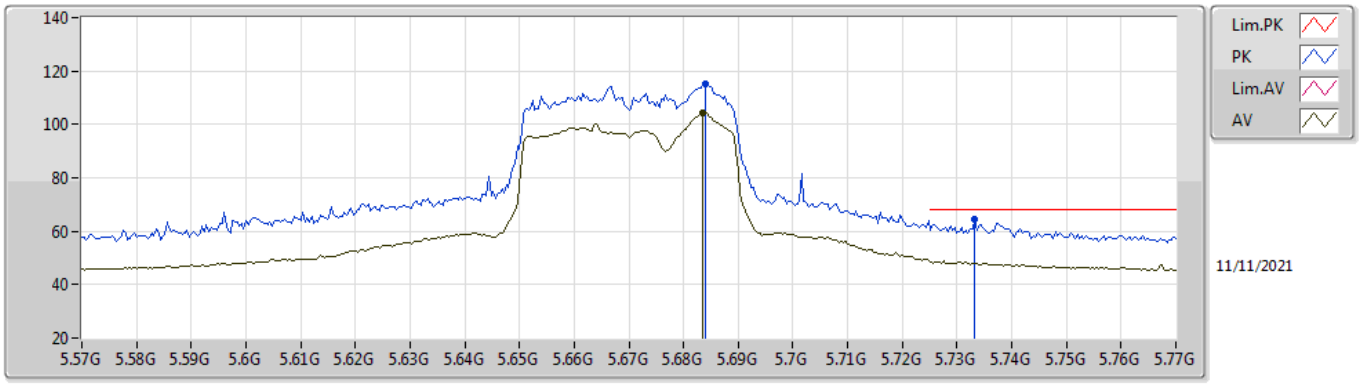


EUT Z_2TX
Setting 24
02-B-S-8

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	16.64972G	55.46	68.20	-12.74	38.70	3	Horizontal	167	2.76	-	39.65	10.32	33.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

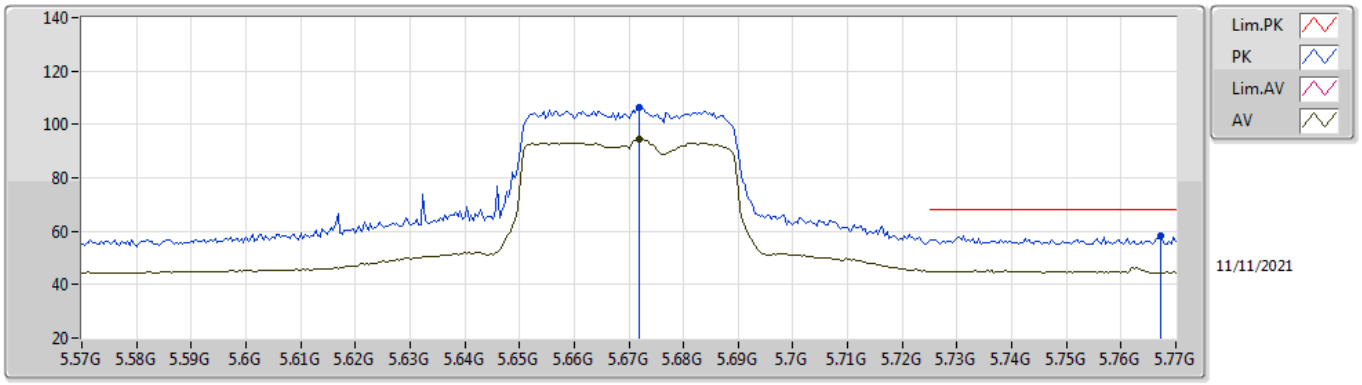


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.684G	114.96	Inf	-Inf	107.77	3	Vertical	12	1.68	-	33.73	5.60	32.14
AV	5.6836G	104.24	Inf	-Inf	97.05	3	Vertical	12	1.68	-	33.73	5.60	32.14
PK	5.7332G	64.30	68.20	-3.90	57.07	3	Vertical	12	1.68	-	33.77	5.60	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

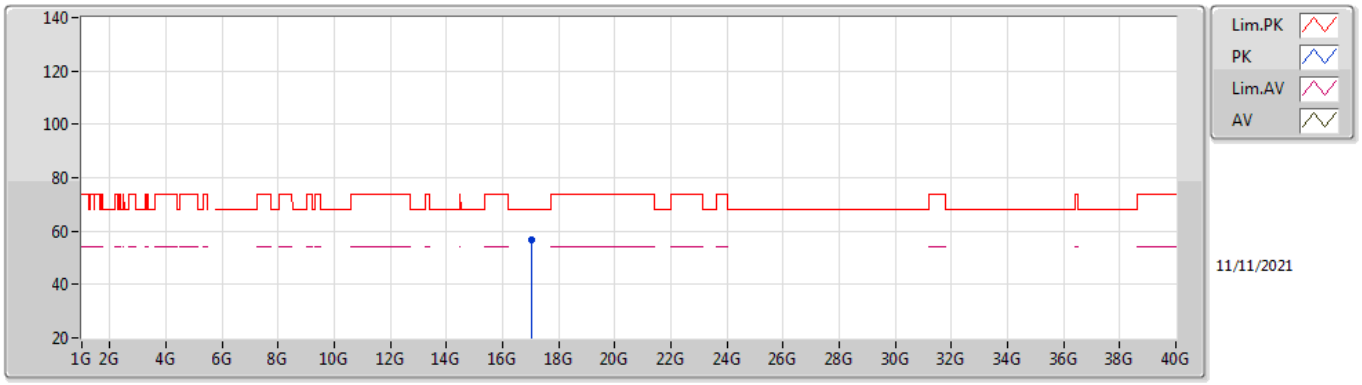


EUT Z_2TX
Setting 24
02-B-S-8-10

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	5.672G	106.51	Inf	-Inf	99.29	3	Horizontal	81	2.26	-	33.76	5.60	32.14
AV	5.672G	94.54	Inf	-Inf	87.32	3	Horizontal	81	2.26	-	33.76	5.60	32.14
PK	5.7672G	58.27	68.20	-9.93	51.05	3	Horizontal	81	2.26	-	33.77	5.60	32.15

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

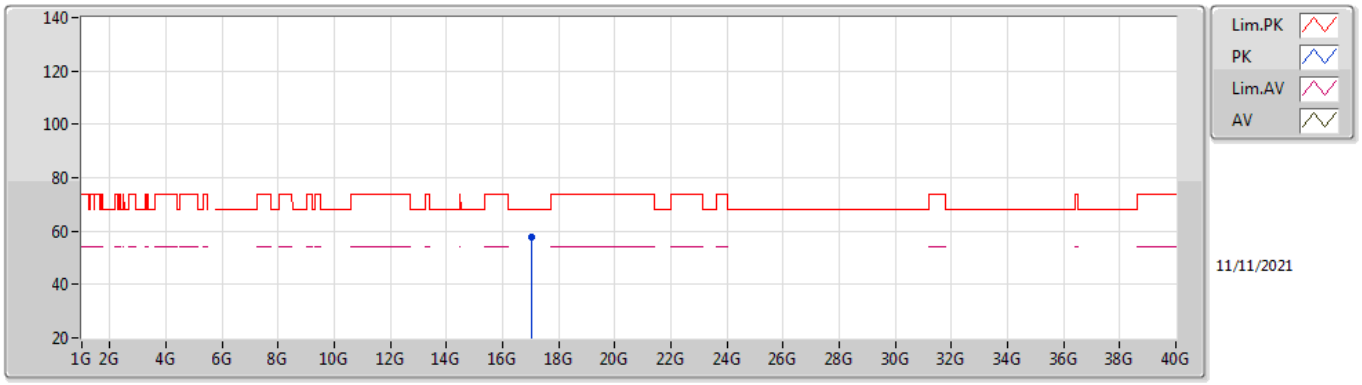


EUT Z_2TX
Setting 24
02-B-S-8

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	17.01062G	56.84	68.20	-11.36	38.65	3	Vertical	20	2.62	-	41.21	10.51	33.53

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

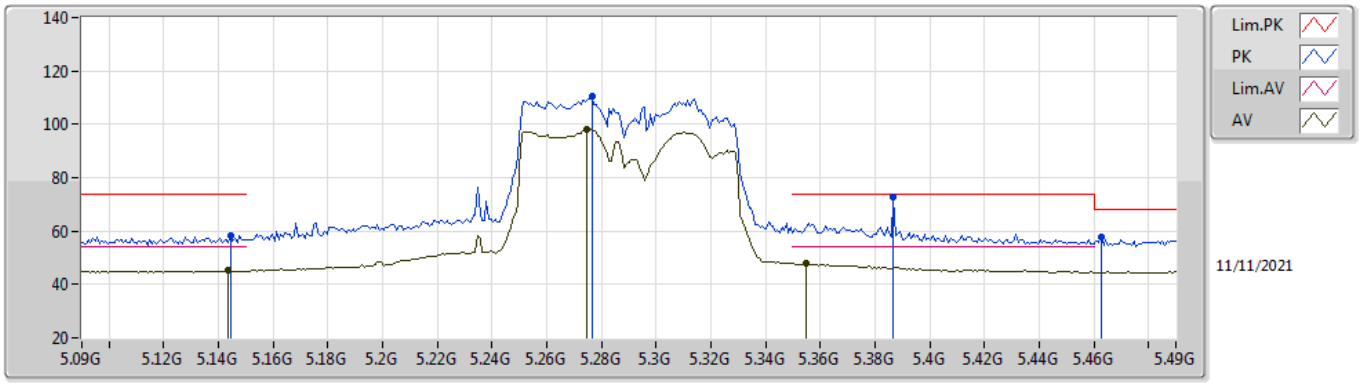


EUT Z_2TX
Setting 24
02-B-S-8

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	17.01496G	57.57	68.20	-10.63	39.37	3	Horizontal	77	1.05	-	41.21	10.51	33.52

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

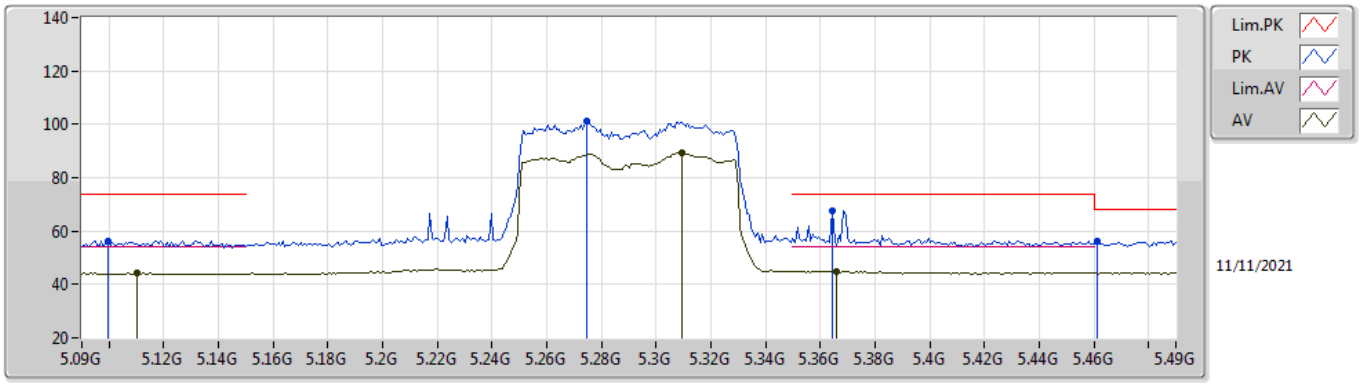


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.1444G	58.27	74.00	-15.73	51.68	3	Vertical	196	2.41	-	33.50	5.24	32.15
AV	5.1436G	45.12	54.00	-8.88	38.53	3	Vertical	196	2.41	-	33.50	5.24	32.15
PK	5.2764G	110.71	Inf	-Inf	103.86	3	Vertical	196	2.41	-	33.65	5.34	32.14
AV	5.2748G	98.04	Inf	-Inf	91.19	3	Vertical	196	2.41	-	33.65	5.34	32.14
PK	5.3868G	72.65	74.00	-1.35	65.63	3	Vertical	196	2.41	-	33.77	5.39	32.14
AV	5.3548G	47.89	54.00	-6.11	40.94	3	Vertical	196	2.41	-	33.71	5.38	32.14
PK	5.4628G	57.62	68.20	-10.58	50.39	3	Vertical	196	2.41	-	33.90	5.46	32.13

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

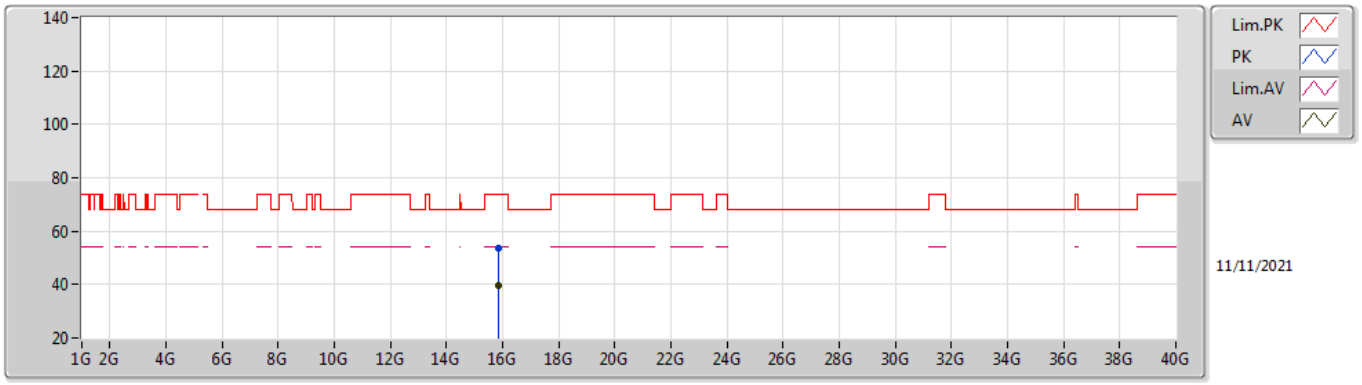


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.0996G	56.46	74.00	-17.54	49.91	3	Horizontal	264	1.50	-	33.50	5.20	32.15
AV	5.11G	44.20	54.00	-9.80	37.64	3	Horizontal	264	1.50	-	33.50	5.21	32.15
PK	5.2748G	100.98	Inf	-Inf	94.13	3	Horizontal	264	1.50	-	33.65	5.34	32.14
AV	5.3092G	89.28	Inf	-Inf	82.37	3	Horizontal	264	1.50	-	33.70	5.35	32.14
PK	5.3644G	67.77	74.00	-6.23	60.80	3	Horizontal	264	1.50	-	33.73	5.38	32.14
AV	5.366G	44.91	54.00	-9.09	37.94	3	Horizontal	264	1.50	-	33.73	5.38	32.14
PK	5.4612G	56.42	68.20	-11.78	49.19	3	Horizontal	264	1.50	-	33.90	5.46	32.13

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

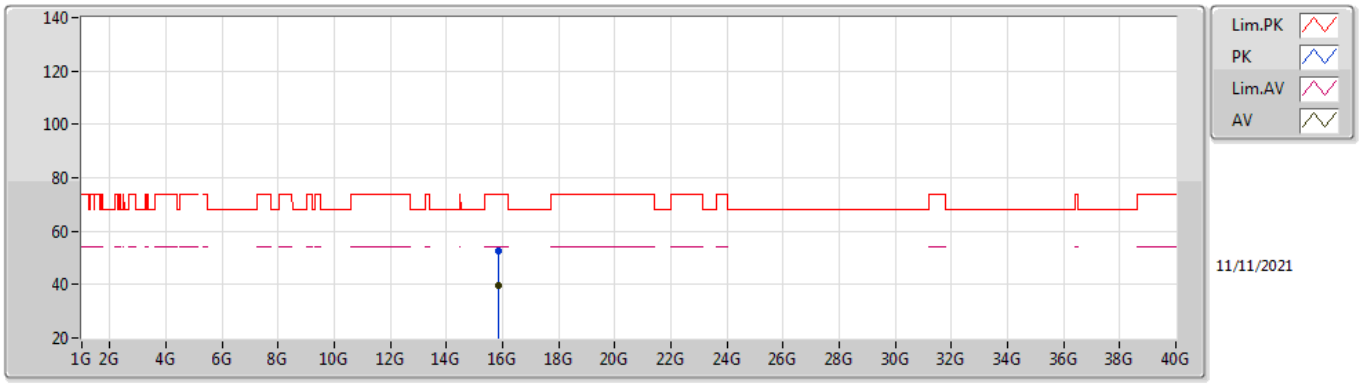


EUT Z_2TX
Setting 23
02-B-S-8

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	15.86524G	53.39	74.00	-20.61	39.56	3	Vertical	334	2.14	-	37.47	9.94	33.58
AV	15.86784G	39.71	54.00	-14.29	25.88	3	Vertical	334	2.14	-	37.47	9.94	33.58

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

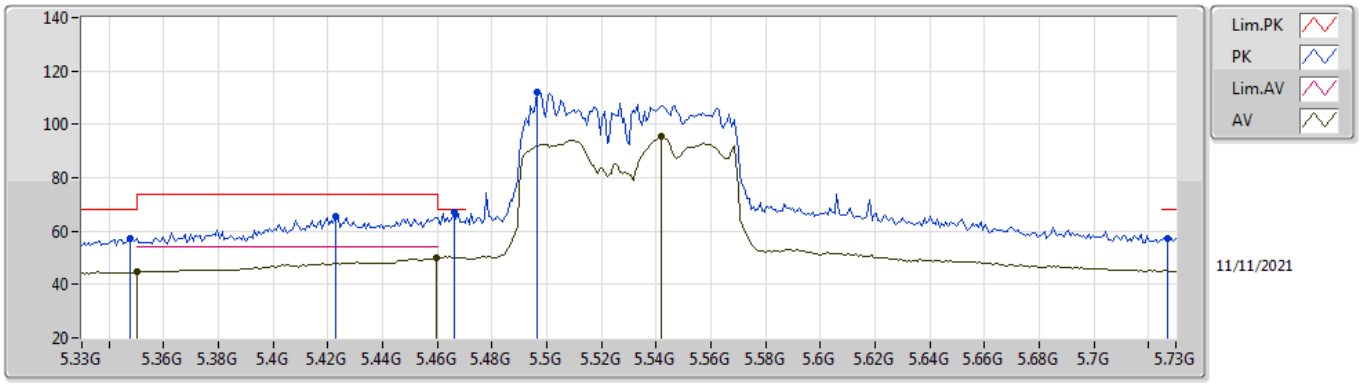


EUT Z_2TX
Setting 23
02-B-S-8

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	15.87256G	52.56	74.00	-21.44	38.74	3	Horizontal	360	1.74	-	37.47	9.94	33.59
AV	15.866G	39.72	54.00	-14.28	25.89	3	Horizontal	360	1.74	-	37.47	9.94	33.58

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

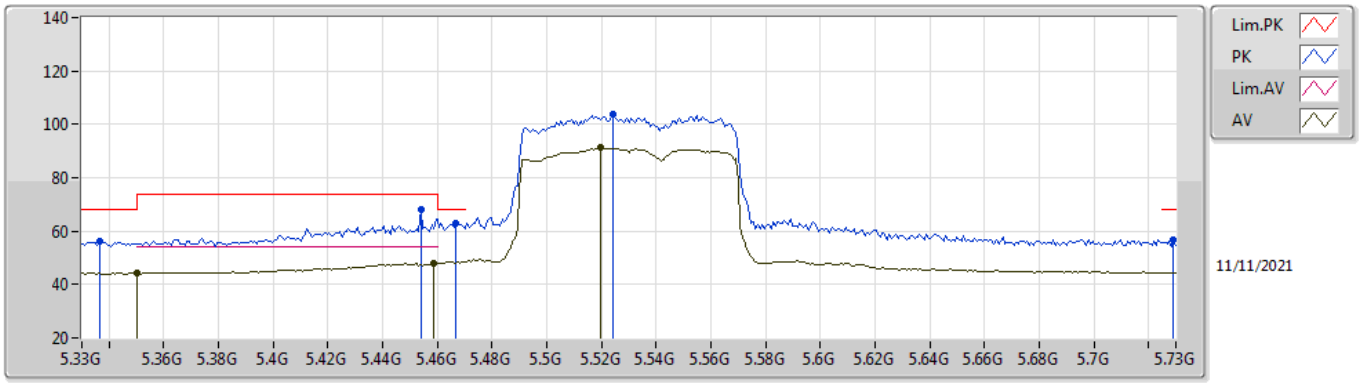


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.3476G	57.24	68.20	-10.96	50.31	3	Vertical	284	2.65	-	33.70	5.37	32.14
AV	5.35G	44.78	54.00	-9.22	37.85	3	Vertical	284	2.65	-	33.70	5.37	32.14
PK	5.4228G	65.46	74.00	-8.54	58.32	3	Vertical	284	2.65	-	33.85	5.42	32.13
PK	5.466G	67.12	68.20	-1.08	59.88	3	Vertical	284	2.65	-	33.90	5.47	32.13
AV	5.4596G	49.97	54.00	-4.03	42.74	3	Vertical	284	2.65	-	33.90	5.46	32.13
PK	5.4964G	112.15	Inf	-Inf	104.88	3	Vertical	284	2.65	-	33.90	5.50	32.13
AV	5.542G	95.44	Inf	-Inf	88.13	3	Vertical	284	2.65	-	33.90	5.54	32.13
PK	5.7268G	57.21	68.20	-10.99	50.00	3	Vertical	284	2.65	-	33.75	5.60	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

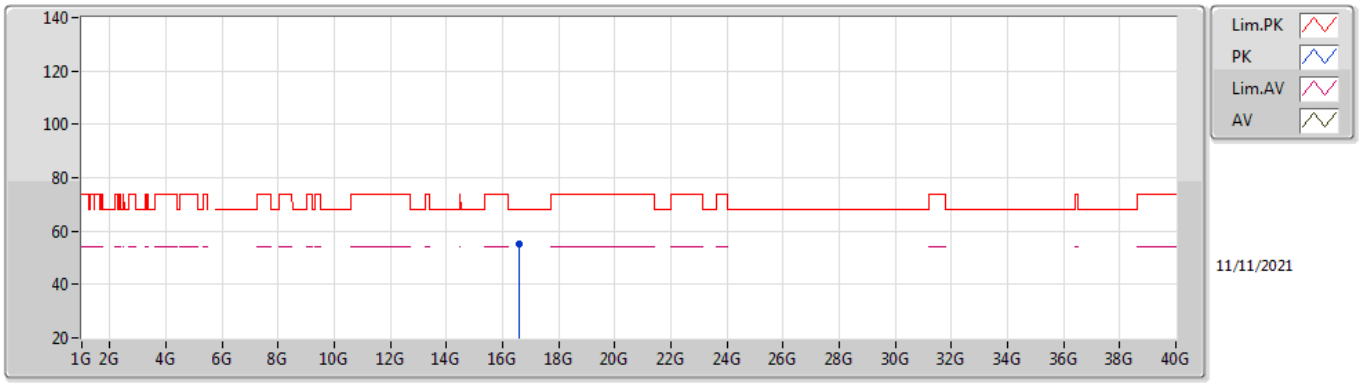


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.3364G	56.05	68.20	-12.15	49.12	3	Horizontal	287	1.65	-	33.70	5.37	32.14
AV	5.35G	44.25	54.00	-9.75	37.32	3	Horizontal	287	1.65	-	33.70	5.37	32.14
PK	5.454G	68.03	74.00	-5.97	60.81	3	Horizontal	287	1.65	-	33.90	5.45	32.13
AV	5.4588G	47.84	54.00	-6.16	40.61	3	Horizontal	287	1.65	-	33.90	5.46	32.13
PK	5.4668G	63.16	68.20	-5.04	55.92	3	Horizontal	287	1.65	-	33.90	5.47	32.13
PK	5.5244G	103.57	Inf	-Inf	96.28	3	Horizontal	287	1.65	-	33.90	5.52	32.13
AV	5.5196G	91.30	Inf	-Inf	84.01	3	Horizontal	287	1.65	-	33.90	5.52	32.13
PK	5.7292G	56.90	68.20	-11.30	49.68	3	Horizontal	287	1.65	-	33.76	5.60	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

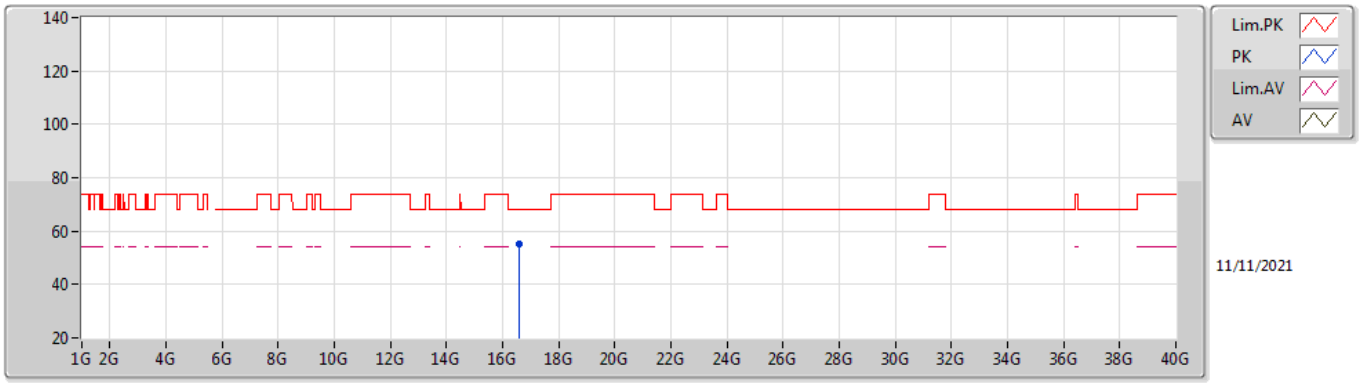


EUT Z_2TX
Setting 23
02-B-S-8

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	16.58926G	55.26	68.20	-12.94	38.62	3	Vertical	352	1.28	-	39.50	10.29	33.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

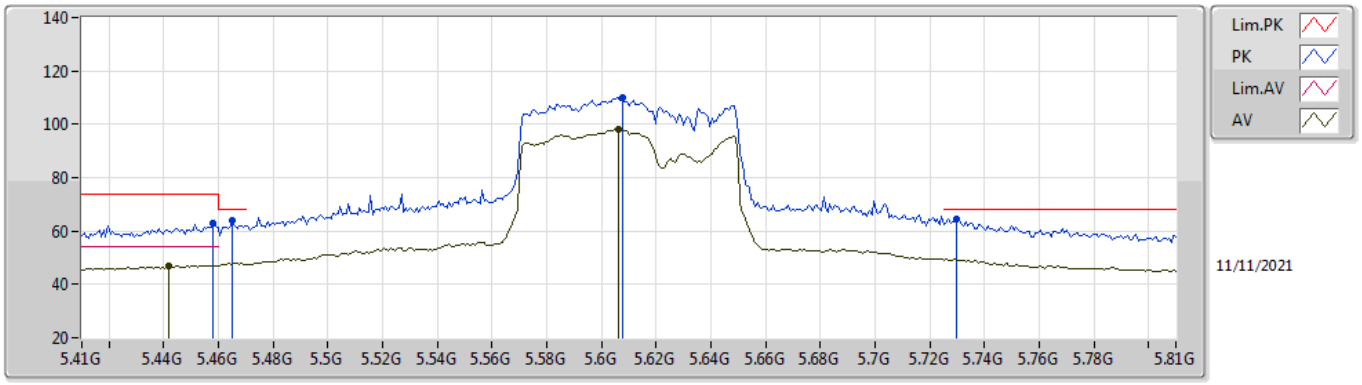


EUT Z_2TX
Setting 23
02-B-S-8

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	16.59024G	55.30	68.20	-12.90	38.64	3	Horizontal	319	2.11	-	39.51	10.30	33.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

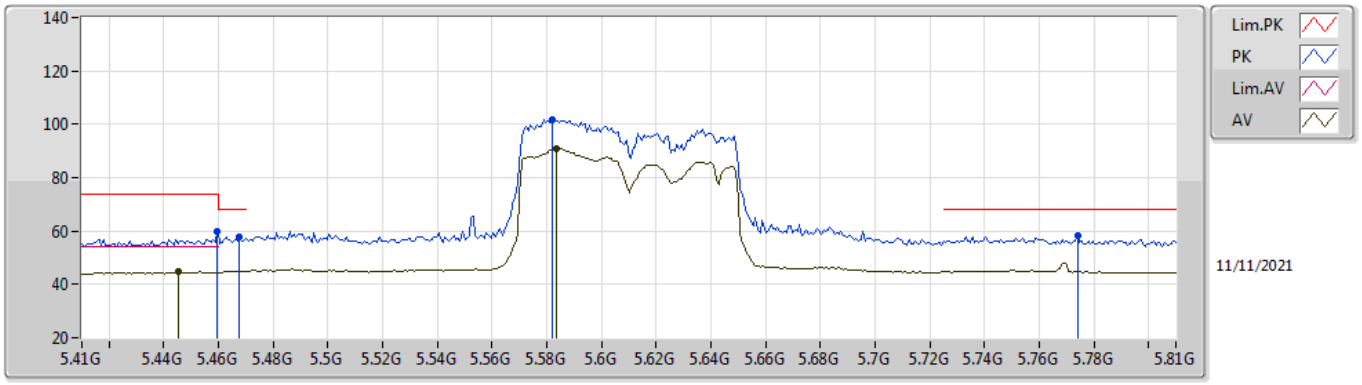


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.458G	63.03	74.00	-10.97	55.80	3	Vertical	360	1.22	-	33.90	5.46	32.13
AV	5.442G	47.13	54.00	-6.87	39.94	3	Vertical	360	1.22	-	33.88	5.44	32.13
PK	5.4652G	63.77	68.20	-4.43	56.53	3	Vertical	360	1.22	-	33.90	5.47	32.13
PK	5.6076G	110.03	Inf	-Inf	102.69	3	Vertical	360	1.22	-	33.88	5.60	32.14
AV	5.606G	97.91	Inf	-Inf	90.56	3	Vertical	360	1.22	-	33.89	5.60	32.14
PK	5.73G	64.55	68.20	-3.65	57.33	3	Vertical	360	1.22	-	33.76	5.60	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

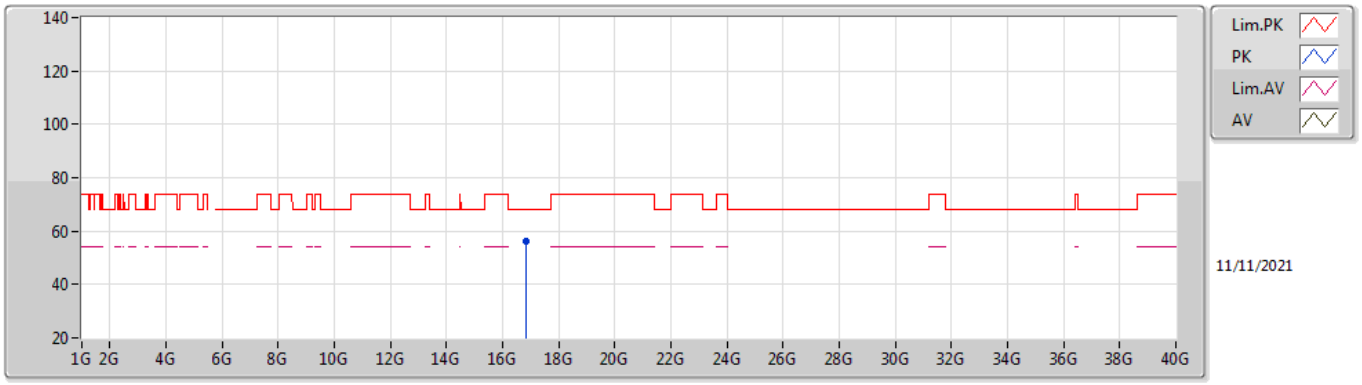


EUT Z_2TX
Setting 23
02-B-S-8-10

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	5.4596G	59.85	74.00	-14.15	52.62	3	Horizontal	48	2.80	-	33.90	5.46	32.13
AV	5.4452G	44.58	54.00	-9.42	37.37	3	Horizontal	48	2.80	-	33.89	5.45	32.13
PK	5.4676G	57.80	68.20	-10.40	50.56	3	Horizontal	48	2.80	-	33.90	5.47	32.13
PK	5.582G	101.94	Inf	-Inf	94.59	3	Horizontal	48	2.80	-	33.90	5.58	32.13
AV	5.5836G	90.63	Inf	-Inf	83.29	3	Horizontal	48	2.80	-	33.90	5.58	32.14
PK	5.774G	58.33	68.20	-9.87	51.13	3	Horizontal	48	2.80	-	33.75	5.60	32.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

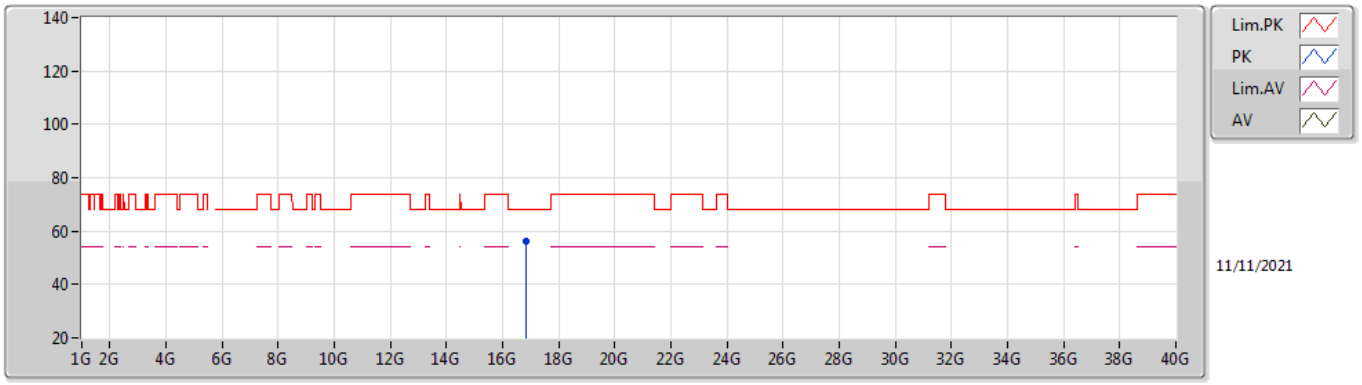


EUT Z_2TX
Setting 23
02-B-S-8

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	16.82824G	56.39	68.20	-11.81	38.95	3	Vertical	16	1.80	-	40.41	10.41	33.38

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5610MHz_TnomVnom



EUT Z_2TX
Setting 23
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	16.83072G	56.05	68.20	-12.15	38.59	3	Horizontal	63	2.22	-	40.42	10.42	33.38