Testing Laboratory
3787

RADIO TEST REPORT

FCC ID	:	Z8H89FT0077
Equipment	:	XV2-22H Wallplate Wi-Fi 6 Access Point
Brand Name	:	Cambium Networks
Model Name	:	XV2-22H
Applicant	:	Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer	:	Cambium Networks, Ltd. Ashburton, TQ13 7UP, UK
Standard	:	47 CFR FCC Part 15.407 (Excepting DFS testing)

The product was received on Jul. 01, 2022, and testing was started from Jul. 07, 2022 and completed on Jul. 13, 2022. 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
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History of this test report

Report No.	Version	Description	Issued Date
FR270109-04	01	Initial issue of report	Feb. 16, 2023

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	-
Note: Reference to Sporton Project No.:270109-01				

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: Cathy Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
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]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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
5.15-5.35GHz	802.11ac VHT160	160	2TX
5.15-5.35GHz	802.11ac VHT160-BF	160	2TX
5.15-5.35GHz	802.11ax HEW160	160	2TX
5.15-5.35GHz	802.11ax HEW160-BF	160	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX

Band	Mode	BWch (MHz)	Nant
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
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
5.47-5.725GHz	802.11ac VHT160	160	2TX
5.47-5.725GHz	802.11ac VHT160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth / Zigbee					
1	1	-	-	Gemtek	WRTQ-372AX	PIFA	I-Pex	Note1
2	2	-	-	Gemtek	WRTQ-372AX	PIFA	I-Pex	
3	-	2	-	Gemtek	WRTQ-372AX	PIFA	I-Pex	
4	-	1	-	Gemtek	WRTQ-372AX	PIFA	I-Pex	
5	-	-	1	Gemtek	WRTQ-372AX	Dipole	I-Pex	

Note1: Antenna Gain information

Ant.	Port			Antenna Gain (dBi)						
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth / Zigbee	WLAN 2.4GHz	WLAN 5GHz					Bluetooth / Zigbee
					UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 4	
1	1	-	-	4.47	-	-	-	-	-	-
2	2	-	-	4.42	-	-	-	-	-	-
3	-	2	-	-	5.56	5.51	5.53	5.48	5.48	-
4	-	1	-	-	5.45	5.52	5.48	5.51	5.51	-
5	-	-	1	-	-	-	-	-	-	5.18

Note 2: 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	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

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

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

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

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

Where ;

G1 = 10 ; G2 = 10 ;

2.4G G1 = 4.47 dBi; G2 = 4.42 dBi ; DG = 7.46 dBi

5G UNII1 G1 = 5.56 dBi; G2 = 5.45 dBi; DG = 8.52 dBi

5G UNII2A G1 = 5.51 dBi; G2 = 5.52 dBi; DG = 8.53 dBi

5G UNII2C G1 = 5.53 dBi; G2 = 5.48 dBi; DG = 8.52 dBi

5G UNII3 G1 = 5.48 dBi; G2 = 5.51 dBi; DG = 8.51 dBi

5G UNII4 G1 = 5.48 dBi; G2 = 5.51 dBi; DG = 8.51 dBi

Note 3: The above information was declared by manufacturer.
Note 4: The EUT has five antennas.

<WLAN 2.4GHz Function>
IEEE 802.11b/g/n/VHT/ax (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
<WLAN 5GHz Function>
IEEE 802.11a/n/ac/ax (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
<Bluetooth/Zigbee function>
Bluetooth/Zigbee (1TX/1RX):
Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.932	0.31	2m	1k
802.11ax HEW20	0.932	0.31	5.52m	300
802.11ax HEW40	0.92	0.36	5.452m	300
802.11ax HEW80	0.894	0.49	5.453m	300
802.11ax HEW160	0.916	0.38	5.452m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
TPC Function	☒	With TPC	☐	Without TPC
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	**RF Conducted**	QSPR Version 5.0-00199		
	Radiated	DOS [ver 6.1.7601]		

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function	Supports type	Supports Band
AP	Master	UNII 1, UNII 2A, UNII 2C, UNII 3 and UNII 4
Mesh	Slave without radar detection	UNII 2A and UNII 2C

Note: 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: FR270109-03.
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Remove the Bridge mode. 2. Remove the Mesh mode (master mode). 3. Add the Mesh mode (slave without radar) in UNII 2A and UNII 2C bands.	It does not affect the test.
4. Add the UNII 2A and UNII 2C bands.	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 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Lee	24.9~26.4 / 65~71	Jul. 13, 2022
Radiated above 1GHz	03CH02-CB	Stim Sung	26.4~27.4 / 64~68	Jul. 07, 2022~ Jul. 12, 2022
	03CH03-CB		26~27.8 / 66~68	

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)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Non-beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	16
5300MHz	16
5320MHz	16
5500MHz	15.5
5580MHz	15.5
5700MHz	15.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16
5700MHz	16.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	19
5310MHz	16
5510MHz	16
5550MHz	18.5
5670MHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	16
5610MHz	17.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	14

Beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16
5700MHz	16.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	18
5310MHz	16
5510MHz	16
5550MHz	17.5
5670MHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	16
5610MHz	17.5
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	14

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation.
  The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.
- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:
1	EUT in Y axis (Bandedge)
2	EUT in Z axis (Harmonic)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
2	WLAN 2.4GHz + WLAN 5GHz + Zigbee
Refer to Sporton Test Report No.: FA270109-04 for Co-location RF Exposure Evaluation.	

Note: The PoE is for measurement only, would not be marketed.

The PoE information as below:

Support Unit	Brand	Model Name
PoE	Cambium	NET-P30-56IN

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Others
RJ-45 cable*1: Non-shielded, 0.1m
Wall-mounted rack*1

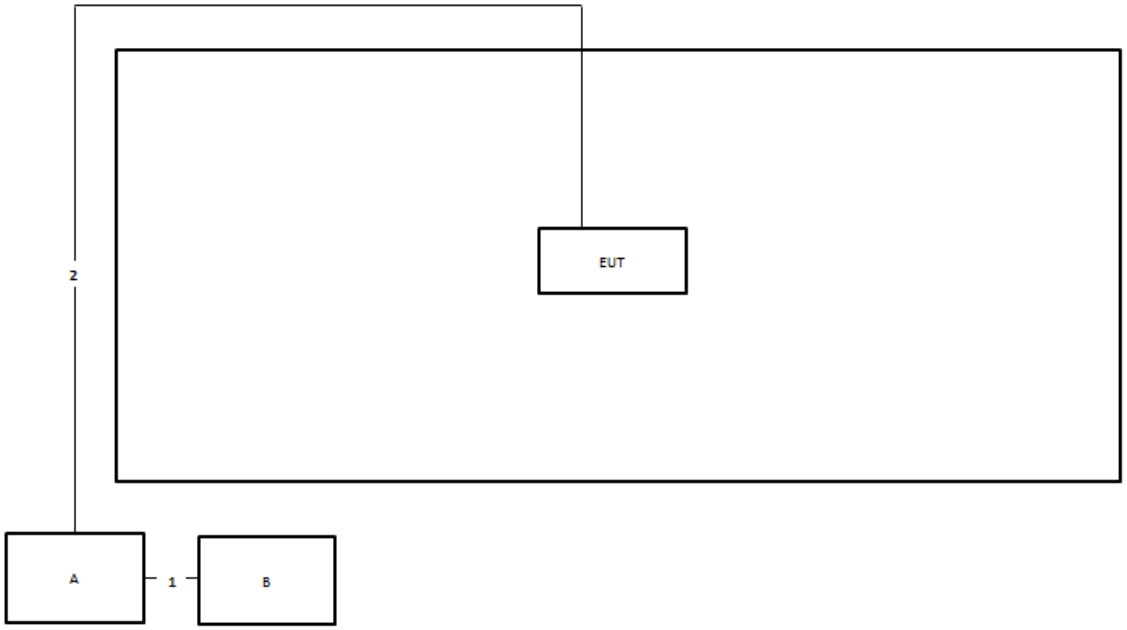
2.5 Support Equipment

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium Networks	NET-P30-56IN	N/A
B	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.725-5.85 GHz band, 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.

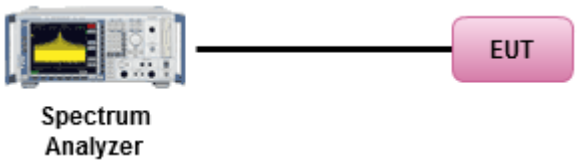
3.1.2 Measuring Instruments

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

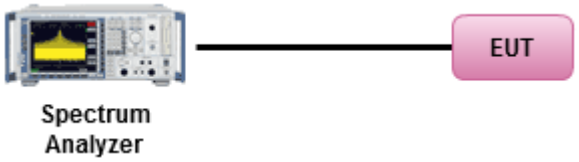
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

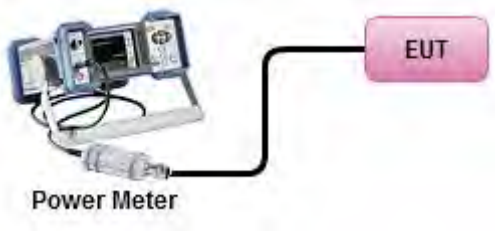
Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty 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

For Straddle channel

Conducted Measurement (Spectrum Analyzer)


For Other Channel

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

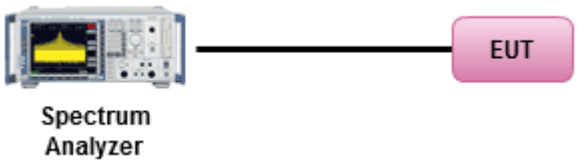
Refer a test equipment and calibration data table in this test report.

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

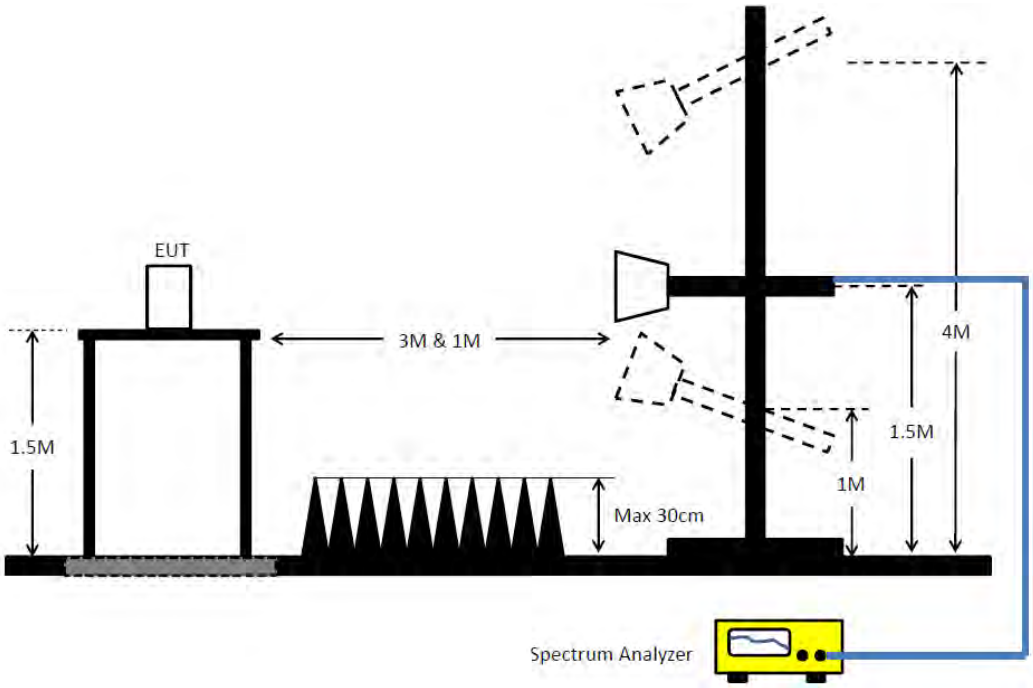
Refer a test equipment and calibration data table in this test report.

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	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	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. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	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)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2022	May 26, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-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)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	82.4M	78.281M	78M3D1D	81.76M	78.281M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.87M	16.282M	16M3D1D	18.66M	16.252M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.79M	18.801M	18M8D1D	20.28M	18.741M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.44M	37.841M	37M8D1D	39.9M	37.541M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.48M	76.642M	76M6D1D	81.12M	76.522M
802.11ax HEW160_Nss1,(MCS0)_2TX	82.08M	78.281M	78M3D1D	81.92M	77.961M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.84M	16.312M	16M3D1D	18.66M	16.252M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.76M	18.771M	18M8D1D	20.49M	18.711M
802.11ax HEW40_Nss1,(MCS0)_2TX	52.44M	38.201M	38M2D1D	39.9M	37.541M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.48M	77.361M	77M4D1D	81.24M	76.402M
802.11ax HEW160_Nss1,(MCS0)_2TX	163.92M	155.202M	155MD1D	163.68M	155.202M

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

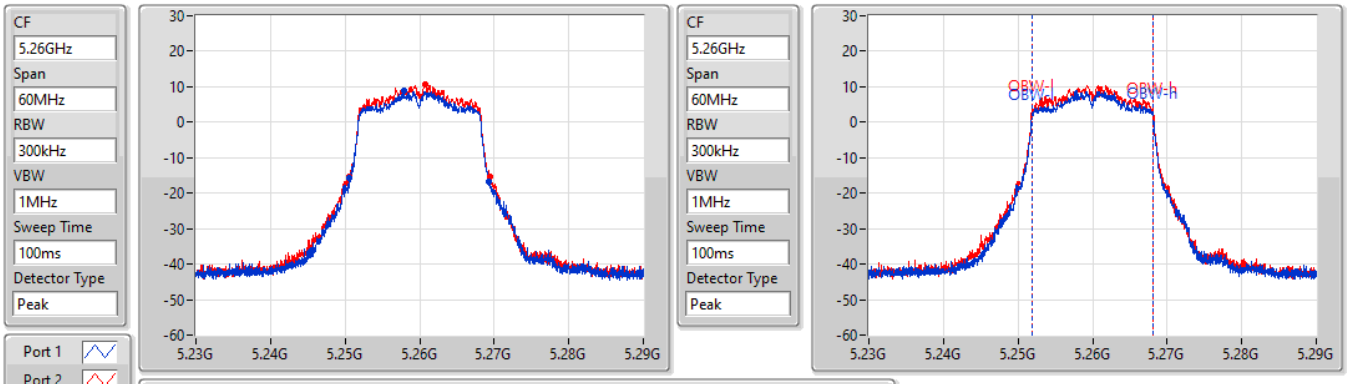
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	18.66M	16.282M	18.72M	16.252M
5300MHz	Pass	Inf	18.87M	16.282M	18.72M	16.252M
5320MHz	Pass	Inf	18.75M	16.282M	18.75M	16.252M
5500MHz	Pass	Inf	18.75M	16.282M	18.84M	16.252M
5580MHz	Pass	Inf	18.72M	16.312M	18.66M	16.252M
5700MHz	Pass	Inf	18.75M	16.312M	18.75M	16.312M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.67M	18.771M	20.28M	18.741M
5300MHz	Pass	Inf	20.79M	18.741M	20.43M	18.801M
5320MHz	Pass	Inf	20.7M	18.771M	20.49M	18.771M
5500MHz	Pass	Inf	20.67M	18.711M	20.58M	18.771M
5580MHz	Pass	Inf	20.73M	18.711M	20.49M	18.771M
5700MHz	Pass	Inf	20.76M	18.741M	20.55M	18.771M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.9M	37.601M	40.44M	37.841M
5310MHz	Pass	Inf	39.9M	37.541M	39.96M	37.541M
5510MHz	Pass	Inf	39.96M	37.541M	40.02M	37.601M
5550MHz	Pass	Inf	39.9M	37.541M	52.44M	38.201M
5670MHz	Pass	Inf	39.96M	37.541M	40.08M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.12M	76.522M	81.48M	76.642M
5530MHz	Pass	Inf	81.24M	76.402M	81.48M	76.642M
5610MHz	Pass	Inf	81.36M	76.762M	81.48M	77.361M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.4M	78.281M	81.76M	78.281M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.961M	82.08M	78.281M
5570MHz	Pass	Inf	163.92M	155.202M	163.68M	155.202M

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

13/07/2022

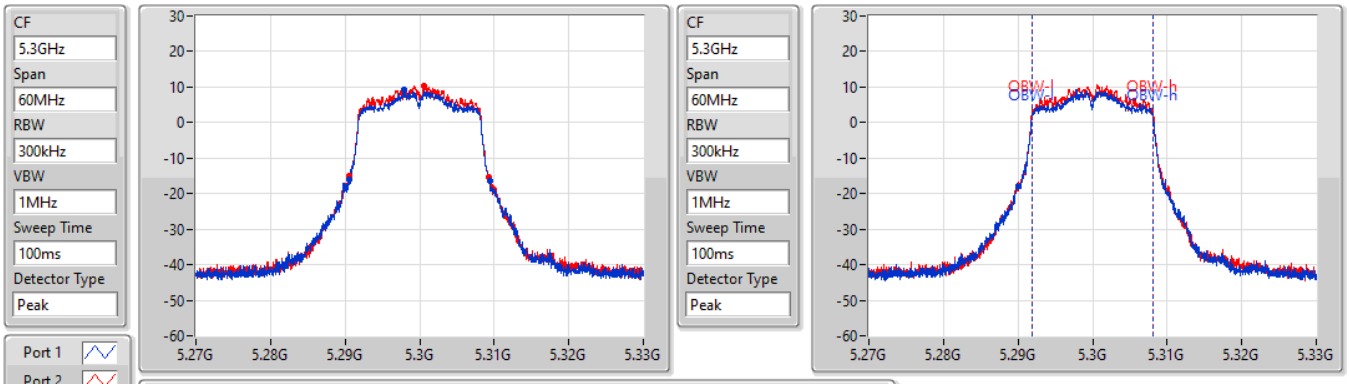


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.66M	5.25061G	5.26927G	16.282M	5.251844G	5.268126G	Inf	1
18.72M	5.25064G	5.26936G	16.252M	5.251874G	5.268126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

13/07/2022

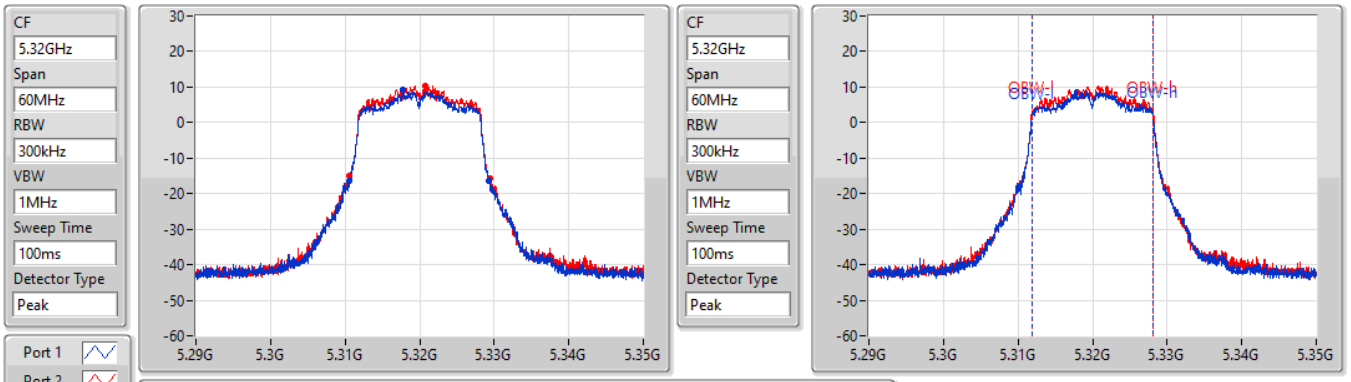


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.29049G	5.30936G	16.282M	5.291844G	5.308126G	Inf	1
18.72M	5.29061G	5.30933G	16.252M	5.291874G	5.308126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

13/07/2022

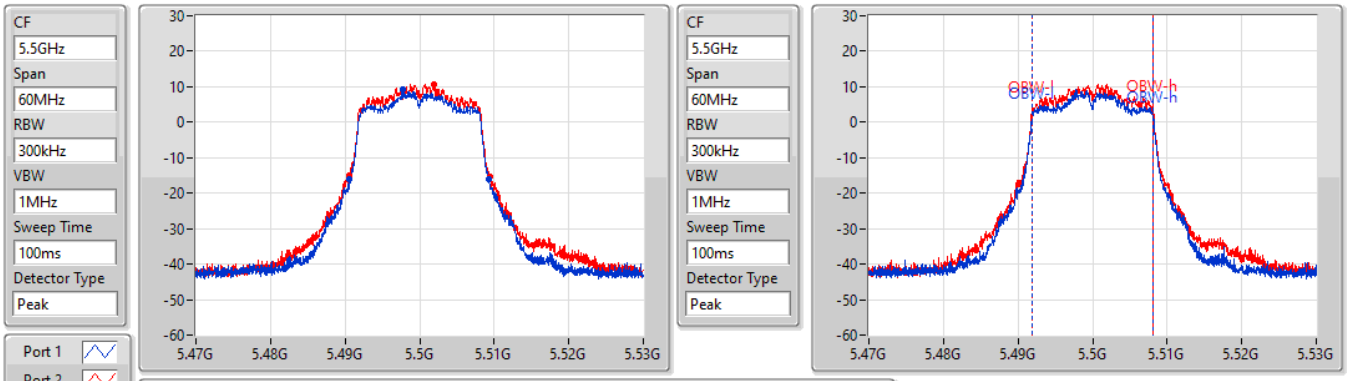


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.31049G	5.32924G	16.282M	5.311844G	5.328126G	Inf	1
18.75M	5.31061G	5.32936G	16.252M	5.311874G	5.328126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

13/07/2022

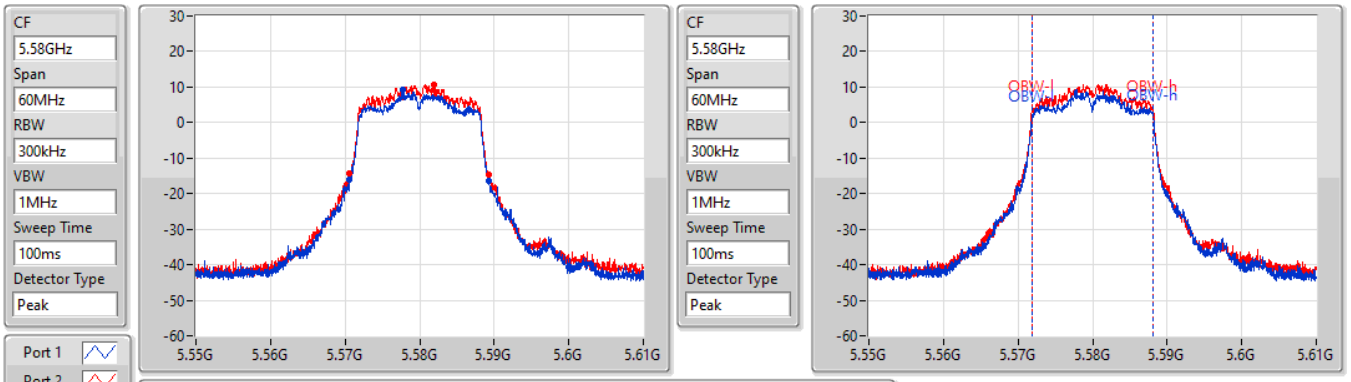


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.49058G	5.50933G	16.282M	5.491874G	5.508156G	Inf	1
18.84M	5.49058G	5.50942G	16.252M	5.491874G	5.508126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

13/07/2022

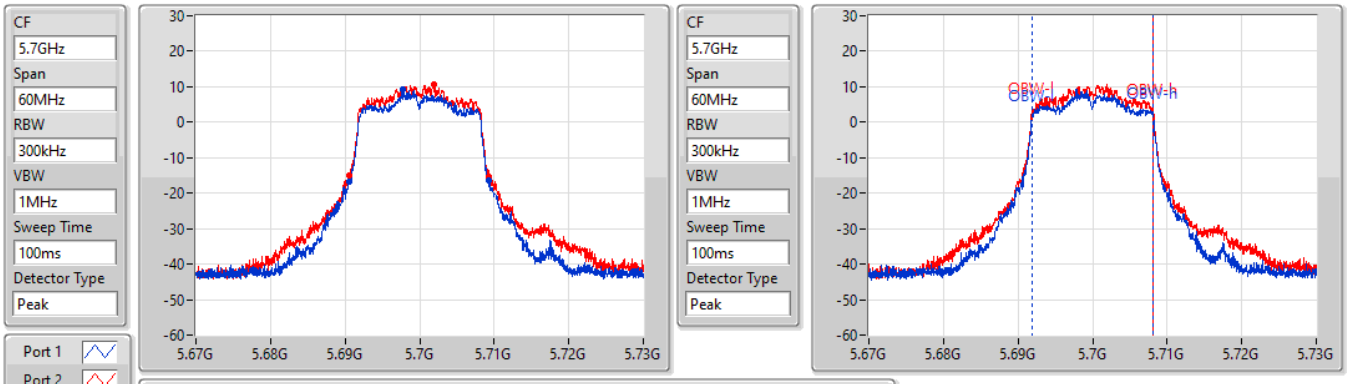


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.57058G	5.5893G	16.312M	5.571844G	5.588156G	Inf	1
18.66M	5.57064G	5.5893G	16.252M	5.571874G	5.588126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

13/07/2022

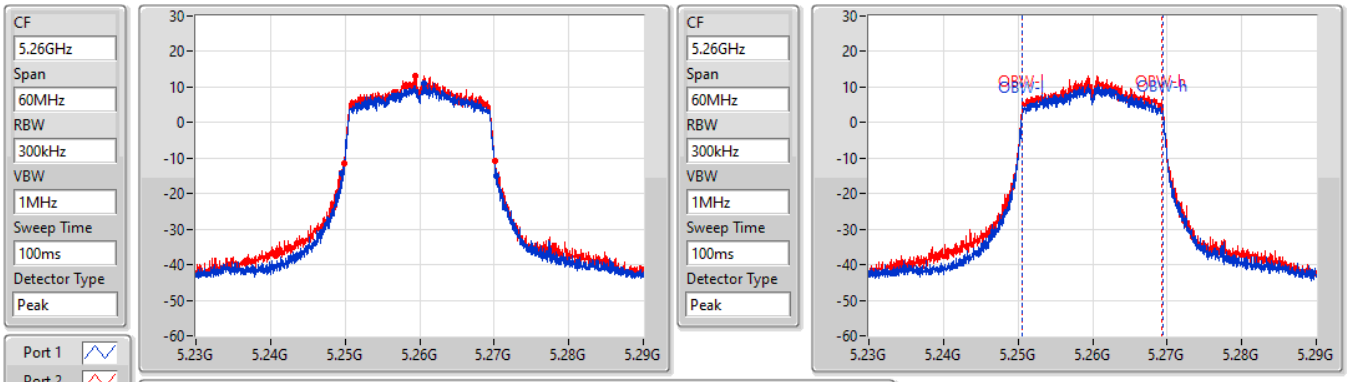


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.69049G	5.70924G	16.312M	5.691844G	5.708156G	Inf	1
18.75M	5.69058G	5.70933G	16.312M	5.691844G	5.708156G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

13/07/2022

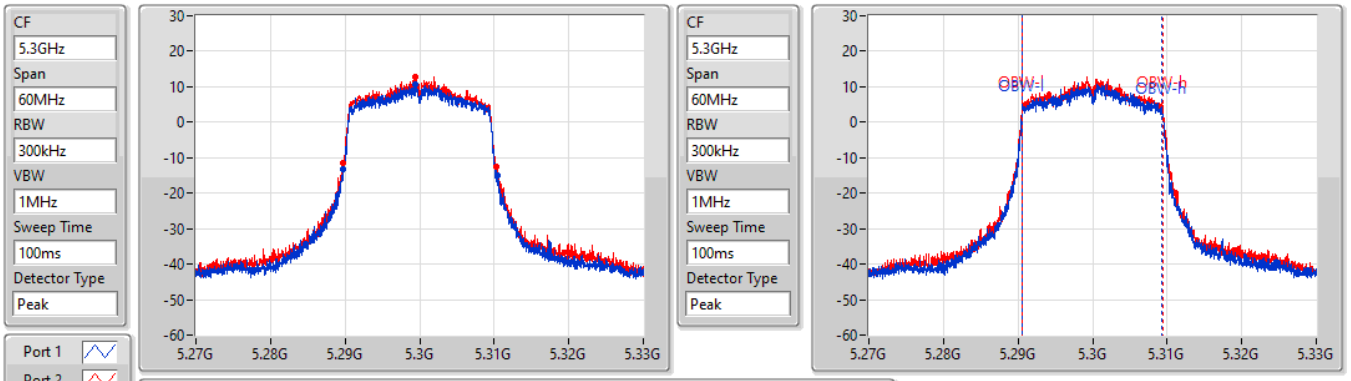


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.24962G	5.27029G	18.771M	5.250615G	5.269385G	Inf	1
20.28M	5.24989G	5.27017G	18.741M	5.250615G	5.269355G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

13/07/2022

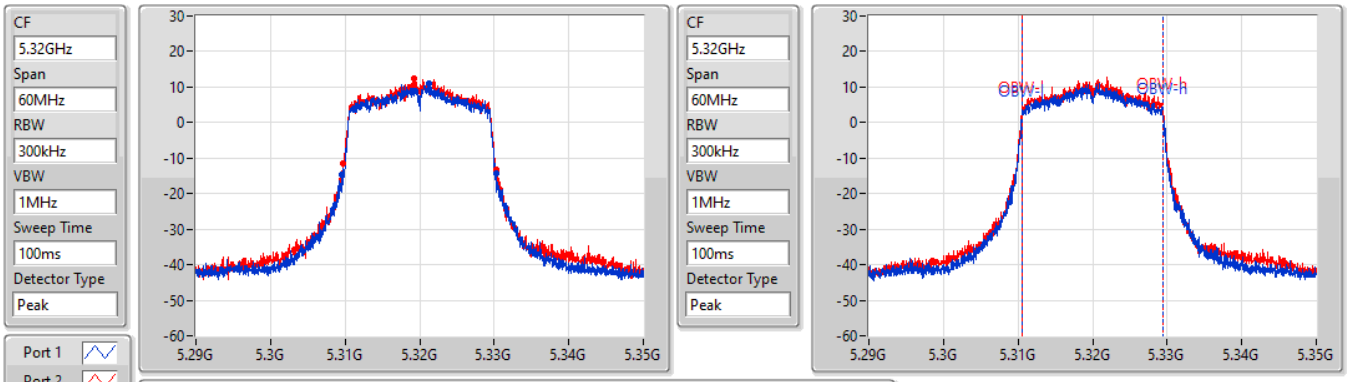


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.28965G	5.31044G	18.741M	5.290615G	5.309355G	Inf	1
20.43M	5.28977G	5.3102G	18.801M	5.290585G	5.309385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

13/07/2022

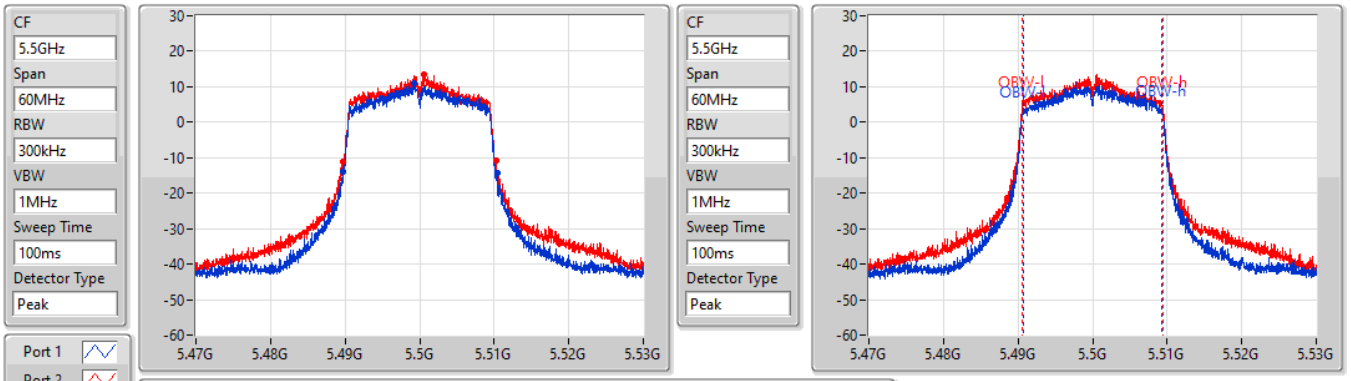


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.30953G	5.33023G	18.771M	5.310615G	5.329385G	Inf	1
20.49M	5.30974G	5.33023G	18.771M	5.310615G	5.329385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

13/07/2022

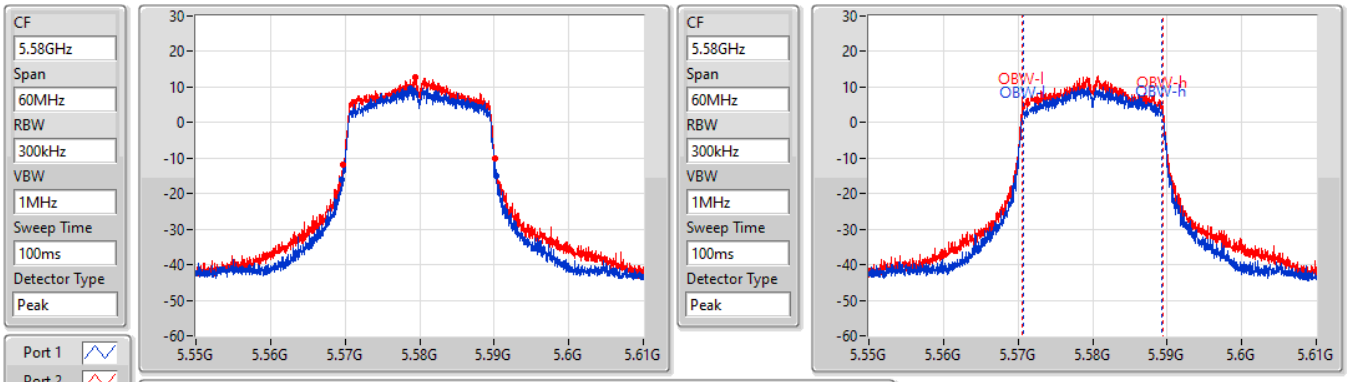


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.48974G	5.51041G	18.711M	5.490645G	5.509355G	Inf	1
20.58M	5.48965G	5.51023G	18.771M	5.490615G	5.509385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

13/07/2022

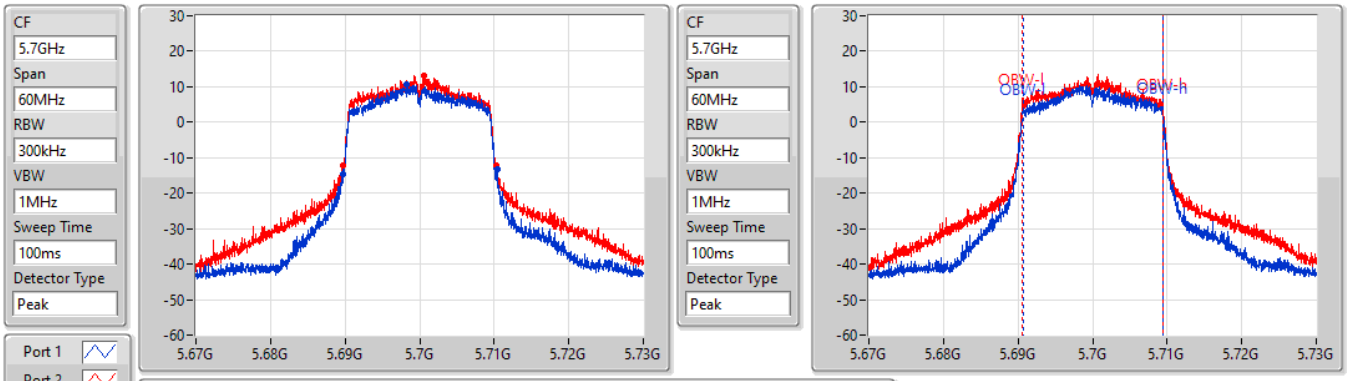


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.56959G	5.59032G	18.711M	5.570645G	5.589355G	Inf	1
20.49M	5.56965G	5.59014G	18.771M	5.570615G	5.589385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

13/07/2022

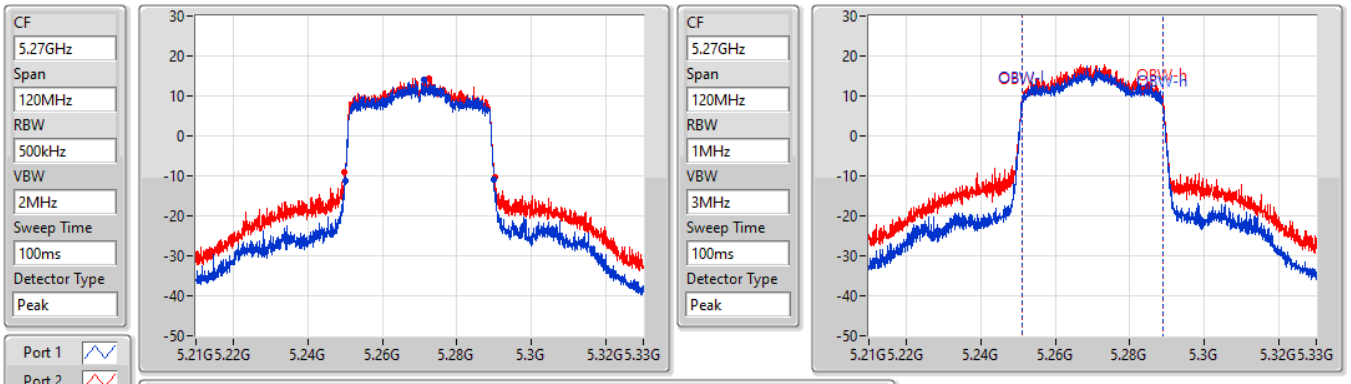


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.76M	5.68968G	5.71044G	18.741M	5.690645G	5.709385G	Inf	1
20.55M	5.68968G	5.71023G	18.771M	5.690615G	5.709385G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

13/07/2022

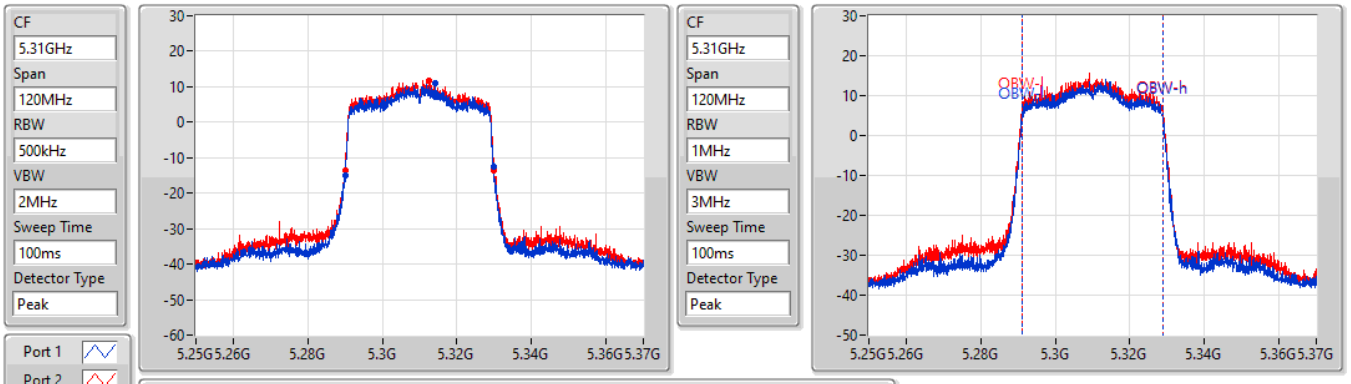


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.24996G	5.28986G	37.601M	5.251169G	5.288771G	Inf	1
40.44M	5.2499G	5.29034G	37.841M	5.251049G	5.288891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

13/07/2022

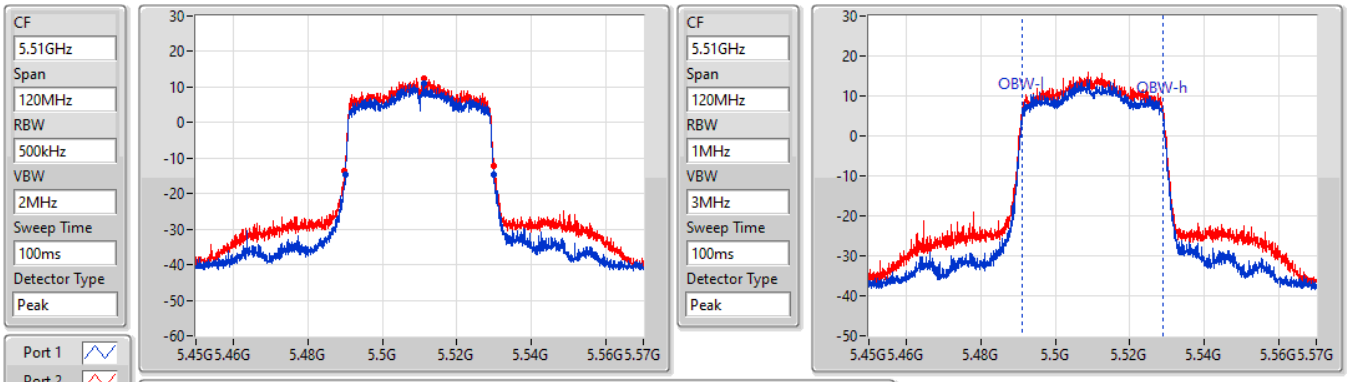


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.29002G	5.32992G	37.541M	5.291229G	5.328771G	Inf	1
39.96M	5.28996G	5.32992G	37.541M	5.291229G	5.328771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

13/07/2022

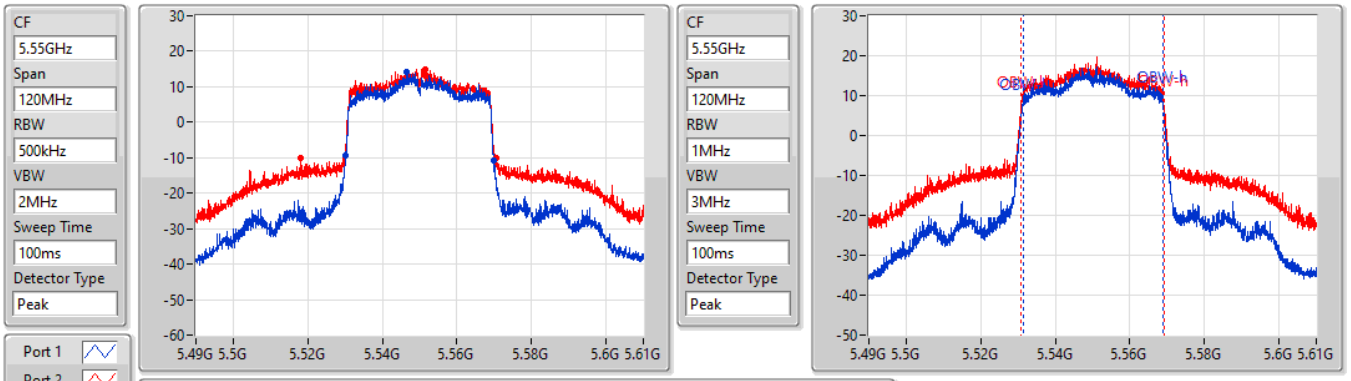


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.49002G	5.52998G	37.541M	5.491229G	5.528771G	Inf	1
40.02M	5.4899G	5.52992G	37.601M	5.491169G	5.528771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

13/07/2022

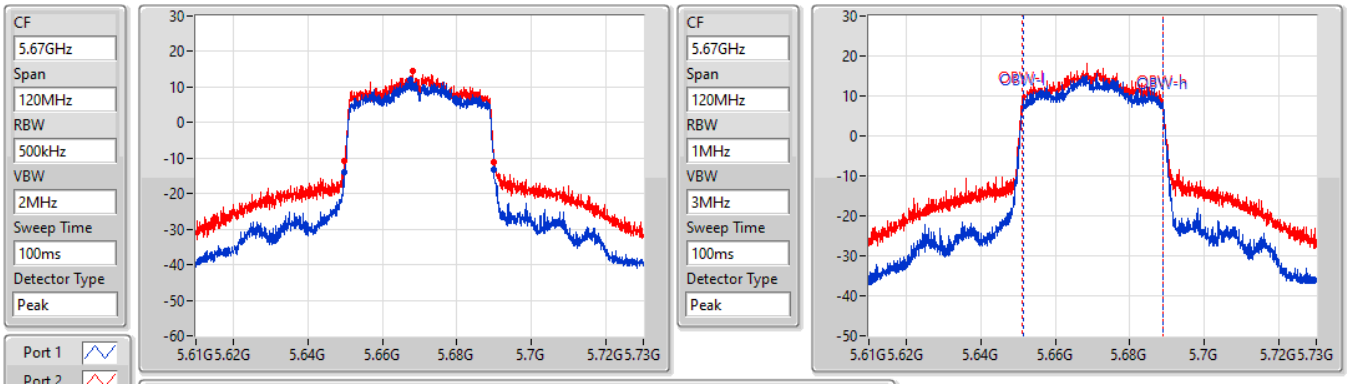


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53008G	5.56998G	37.541M	5.531289G	5.568831G	Inf	1
52.44M	5.5182G	5.57064G	38.201M	5.53087G	5.56907G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

13/07/2022

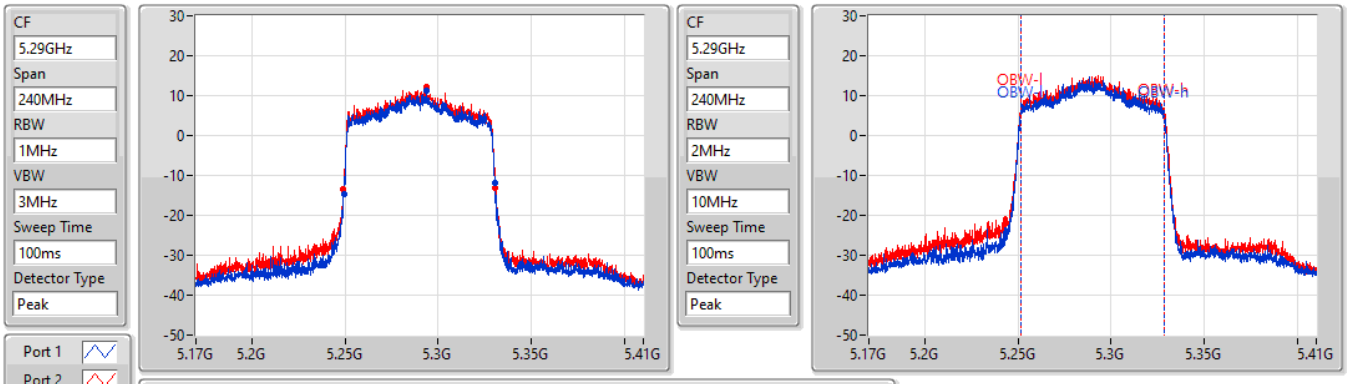


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.6499G	5.68986G	37.541M	5.651289G	5.688831G	Inf	1
40.08M	5.6499G	5.68998G	37.901M	5.651049G	5.688951G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

13/07/2022

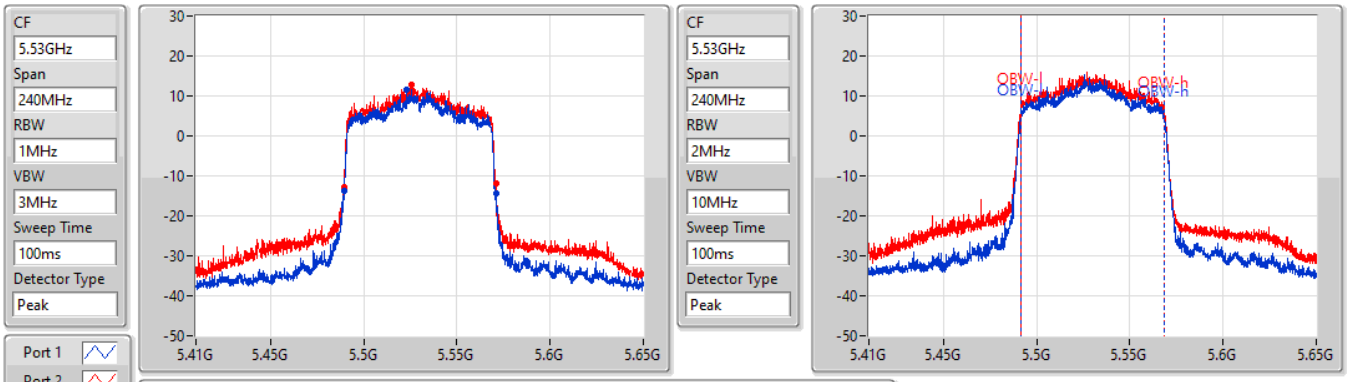


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.24932G	5.33044G	76.522M	5.251619G	5.328141G	Inf	1
81.48M	5.2492G	5.33068G	76.642M	5.251619G	5.328261G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

13/07/2022

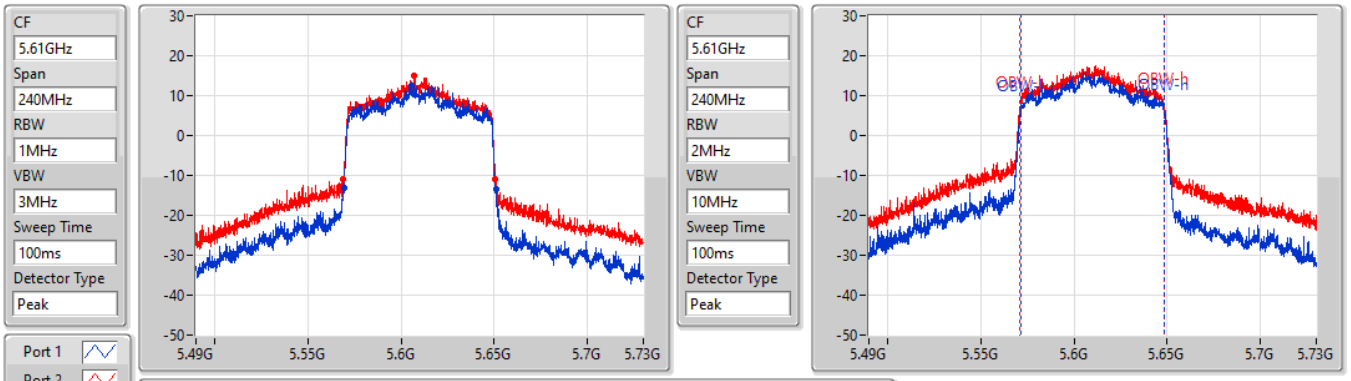


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.48956G	5.5708G	76.402M	5.491739G	5.568141G	Inf	1
81.48M	5.48932G	5.5708G	76.642M	5.491619G	5.568261G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

13/07/2022

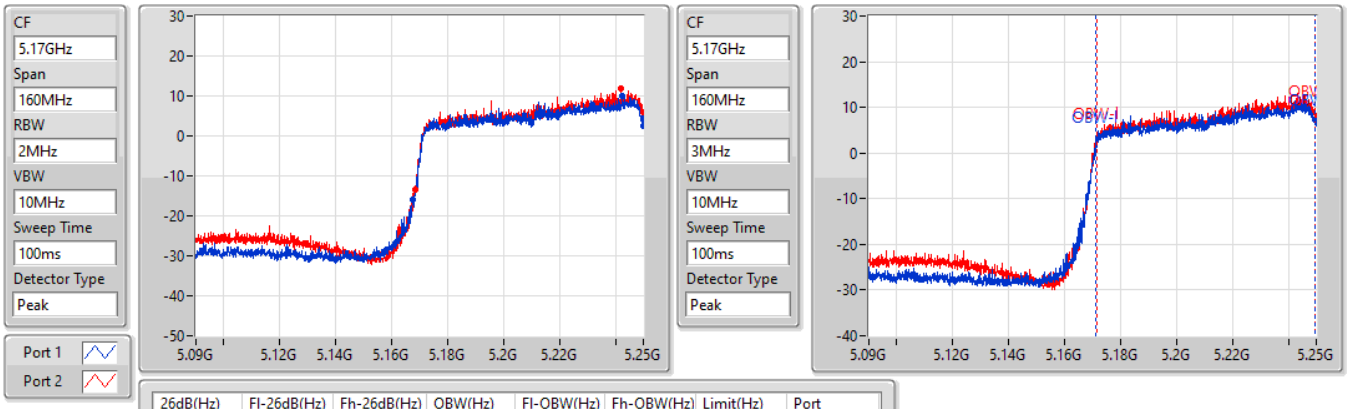


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.56944G	5.6508G	76.762M	5.571499G	5.648261G	Inf	1
81.48M	5.5692G	5.65068G	77.361M	5.571019G	5.648381G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.15-5.25GHz

13/07/2022

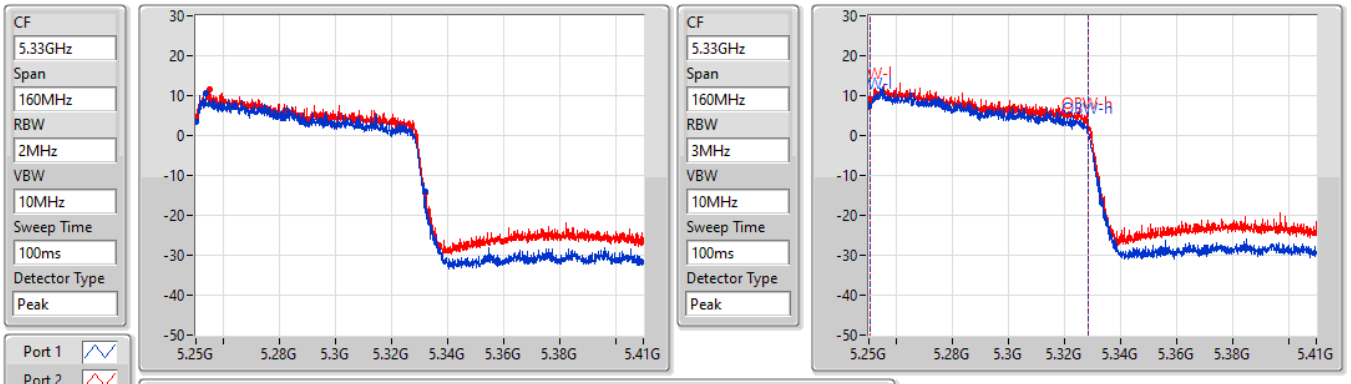


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.1676G	5.25G	78.281M	5.171279G	5.24956G	Inf	1
81.76M	5.16824G	5.25G	78.281M	5.171359G	5.24964G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.25-5.35GHz

13/07/2022

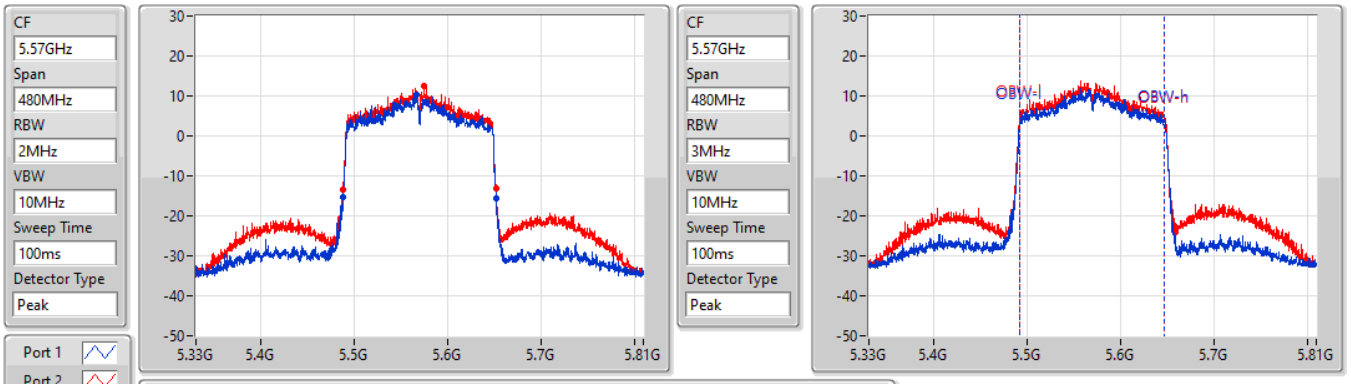


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.92M	5.25G	5.33192G	77.961M	5.25036G	5.328321G	Inf	1
82.08M	5.25G	5.33208G	78.281M	5.25036G	5.328641G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX **EBW**

5570MHz

13/07/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.92M	5.48816G	5.65208G	155.202M	5.492279G	5.647481G	Inf	1
163.68M	5.48816G	5.65184G	155.202M	5.492279G	5.647481G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	15.04	0.03192
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.95	0.07852
802.11ax HEW20_Nss1,(MCS0)_2TX	19.42	0.08750
802.11ax HEW40_Nss1,(MCS0)_2TX	22.13	0.16331
802.11ax HEW80_Nss1,(MCS0)_2TX	18.71	0.07430
802.11ax HEW160_Nss1,(MCS0)_2TX	14.76	0.02992
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.95	0.07852
802.11ax HEW20_Nss1,(MCS0)_2TX	19.62	0.09162
802.11ax HEW40_Nss1,(MCS0)_2TX	22.23	0.16711
802.11ax HEW80_Nss1,(MCS0)_2TX	20.79	0.11995
802.11ax HEW160_Nss1,(MCS0)_2TX	17.99	0.06295

Result

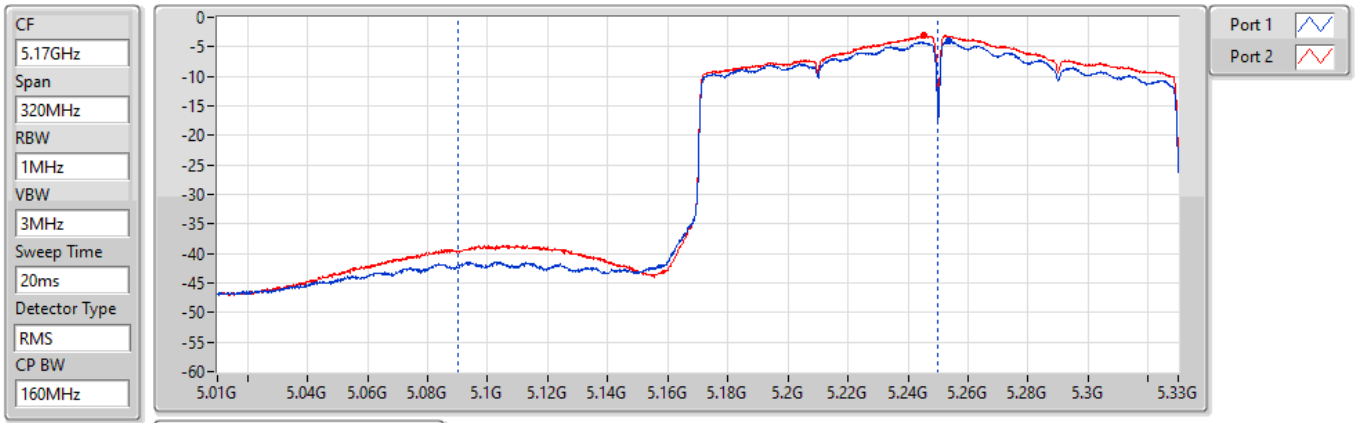
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.52	15.23	16.36	18.84	23.71
5300MHz	Pass	5.52	15.42	16.41	18.95	23.72
5320MHz	Pass	5.52	15.32	16.27	18.83	23.73
5500MHz	Pass	5.53	15.21	16.54	18.94	23.73
5580MHz	Pass	5.53	15.15	16.61	18.95	23.71
5700MHz	Pass	5.53	14.82	16.31	18.64	23.73
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.52	15.76	16.97	19.42	23.98
5300MHz	Pass	5.52	15.72	16.77	19.29	23.98
5320MHz	Pass	5.52	15.65	16.69	19.21	23.98
5500MHz	Pass	5.53	15.75	17.32	19.62	23.98
5580MHz	Pass	5.53	15.36	17.07	19.31	23.98
5700MHz	Pass	5.53	15.42	17.28	19.46	23.98
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.52	18.68	19.52	22.13	23.98
5310MHz	Pass	5.52	15.29	16.37	18.87	23.98
5510MHz	Pass	5.53	15.62	17.14	19.46	23.98
5550MHz	Pass	5.53	18.34	19.95	22.23	23.98
5670MHz	Pass	5.53	17.02	18.57	20.87	23.98
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.52	15.14	16.19	18.71	23.98
5530MHz	Pass	5.53	15.29	16.87	19.16	23.98
5610MHz	Pass	5.53	16.85	18.54	20.79	23.98
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.56	11.53	12.47	15.04	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.52	11.05	12.35	14.76	23.98
5570MHz	Pass	5.53	14.15	15.68	17.99	23.98

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

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

13/07/2022

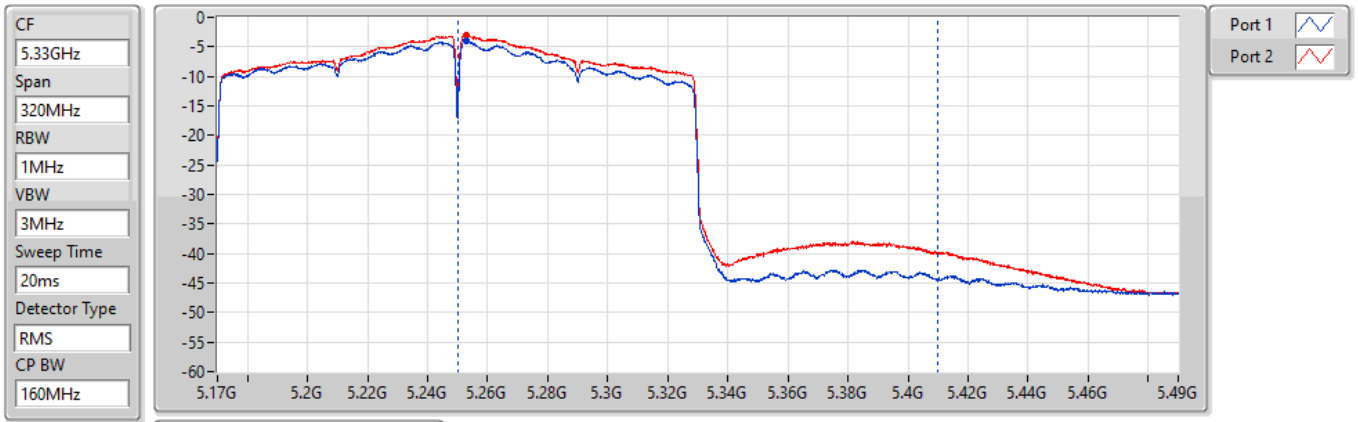


Sum(dBm)	P1(dBm)	P2(dBm)
15.04	11.53	12.47

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

13/07/2022



Sum(dBm)	P1(dBm)	P2(dBm)
14.76	11.05	12.35

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	15.04	0.03192
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.42	0.08750
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.09	0.12853
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.71	0.07430
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.76	0.02992
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.62	0.09162
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.24	0.13305
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.79	0.11995
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.99	0.06295

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.53	15.76	16.97	19.42	21.45
5300MHz	Pass	8.53	15.72	16.77	19.29	21.45
5320MHz	Pass	8.53	15.65	16.69	19.21	21.45
5500MHz	Pass	8.52	15.75	17.32	19.62	21.46
5580MHz	Pass	8.52	15.36	17.07	19.31	21.46
5700MHz	Pass	8.52	15.42	17.28	19.46	21.46
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.53	17.57	18.54	21.09	21.45
5310MHz	Pass	8.53	15.29	16.37	18.87	21.45
5510MHz	Pass	8.52	15.62	17.14	19.46	21.46
5550MHz	Pass	8.52	17.32	18.98	21.24	21.46
5670MHz	Pass	8.52	17.02	18.57	20.87	21.46
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.53	15.14	16.19	18.71	21.45
5530MHz	Pass	8.52	15.29	16.87	19.16	21.46
5610MHz	Pass	8.52	16.85	18.54	20.79	21.46
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.52	11.53	12.47	15.04	27.48
5250MHz Straddle 5.25-5.35GHz	Pass	8.53	11.05	12.35	14.76	21.45
5570MHz	Pass	8.52	14.15	15.68	17.99	21.46

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_2TX	-2.22
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.42
802.11ax HEW20_Nss1,(MCS0)_2TX	8.39
802.11ax HEW40_Nss1,(MCS0)_2TX	8.27
802.11ax HEW80_Nss1,(MCS0)_2TX	2.36
802.11ax HEW160_Nss1,(MCS0)_2TX	-1.95
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.42
802.11ax HEW20_Nss1,(MCS0)_2TX	8.43
802.11ax HEW40_Nss1,(MCS0)_2TX	8.45
802.11ax HEW80_Nss1,(MCS0)_2TX	4.39
802.11ax HEW160_Nss1,(MCS0)_2TX	-1.44

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

Result

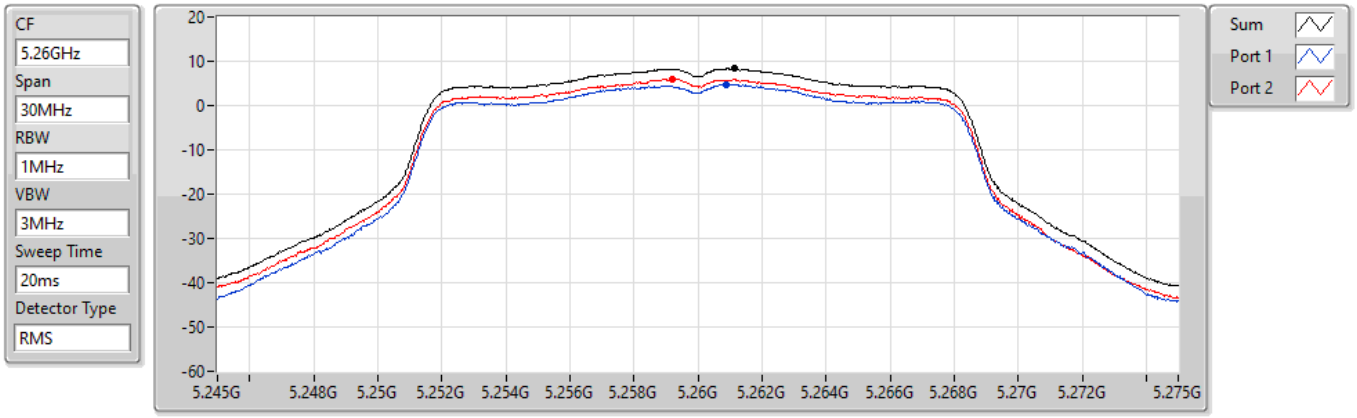
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.53	4.83	6.00	8.37	8.47
5300MHz	Pass	8.53	4.87	6.09	8.42	8.47
5320MHz	Pass	8.53	4.84	5.87	8.37	8.47
5500MHz	Pass	8.52	4.71	6.29	8.39	8.48
5580MHz	Pass	8.52	4.82	6.49	8.42	8.48
5700MHz	Pass	8.52	4.93	6.16	8.36	8.48
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.53	4.61	6.08	8.39	8.47
5300MHz	Pass	8.53	4.42	5.86	8.19	8.47
5320MHz	Pass	8.53	4.51	5.88	8.24	8.47
5500MHz	Pass	8.52	4.43	6.45	8.43	8.48
5580MHz	Pass	8.52	3.91	6.21	8.14	8.48
5700MHz	Pass	8.52	4.46	6.39	8.34	8.48
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.53	4.72	5.80	8.27	8.47
5310MHz	Pass	8.53	1.41	2.93	5.24	8.47
5510MHz	Pass	8.52	1.79	3.55	5.63	8.48
5550MHz	Pass	8.52	4.73	6.27	8.45	8.48
5670MHz	Pass	8.52	3.40	4.81	7.13	8.48
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.53	-1.31	-0.00	2.36	8.47
5530MHz	Pass	8.52	-0.71	0.75	2.83	8.48
5610MHz	Pass	8.52	0.68	2.25	4.39	8.48
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.52	-5.69	-4.74	-2.22	14.48
5250MHz Straddle 5.25-5.35GHz	Pass	8.53	-5.45	-4.44	-1.95	8.47
5570MHz	Pass	8.52	-5.01	-3.65	-1.44	8.48

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

13/07/2022

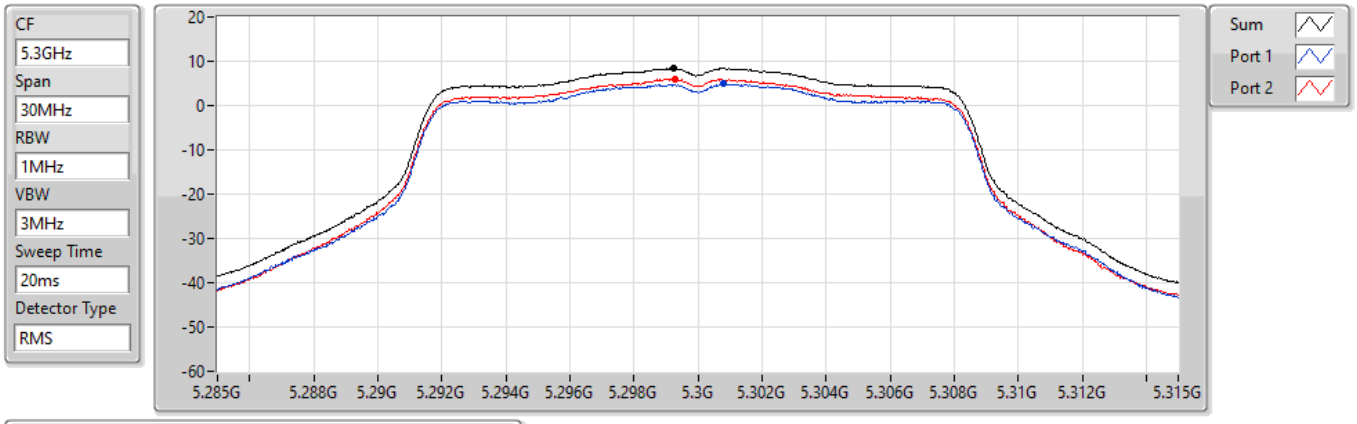


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	4.83	6.00

802.11a_Nss1,(6Mbps)_2TX PSD

5300MHz

13/07/2022

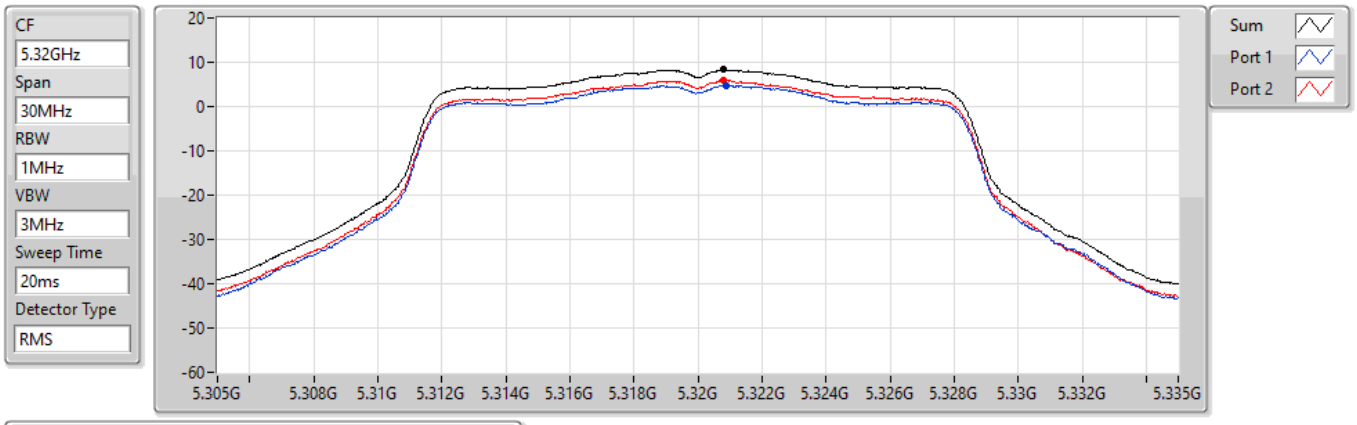


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	4.87	6.09

802.11a_Nss1,(6Mbps)_2TX PSD

5320MHz

13/07/2022

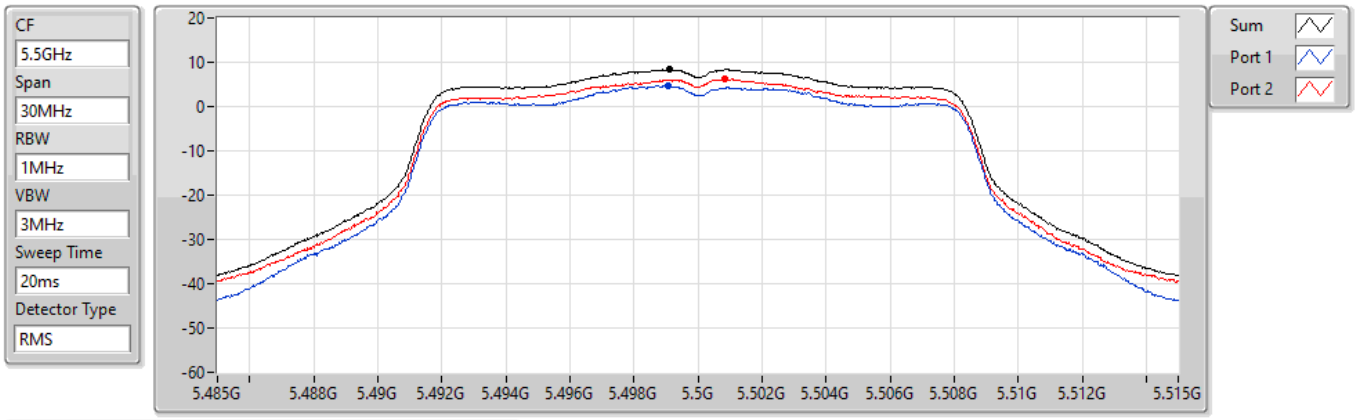


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	4.84	5.87

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz

13/07/2022

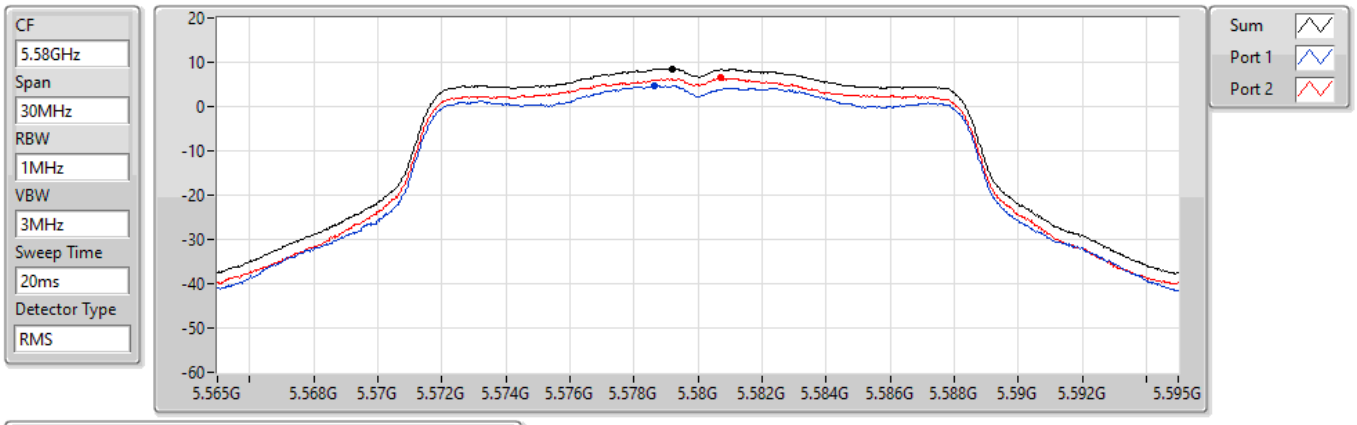


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	4.71	6.29

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

13/07/2022

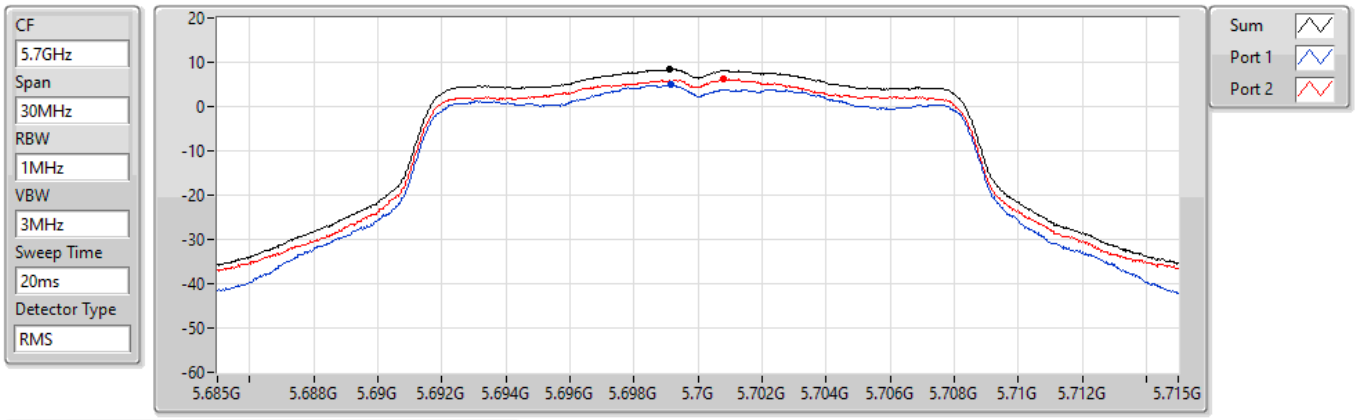


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	4.82	6.49

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

13/07/2022

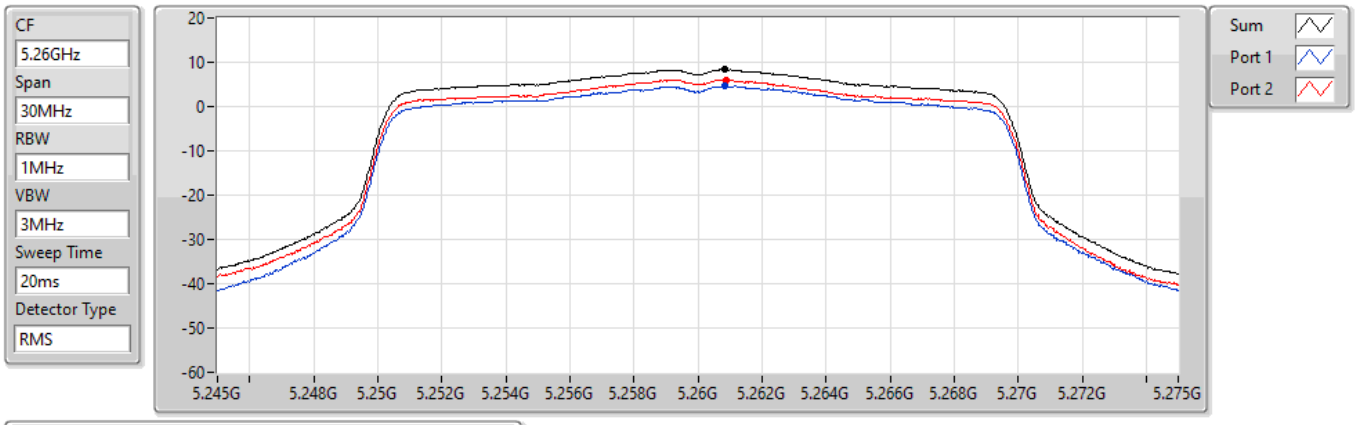


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	4.93	6.16

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5260MHz

13/07/2022

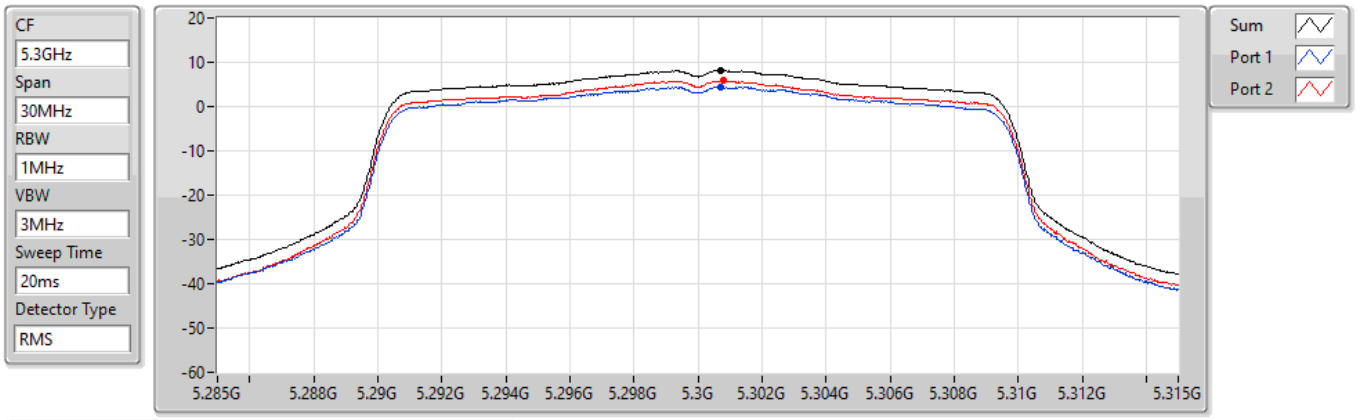


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	4.61	6.08

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5300MHz

13/07/2022

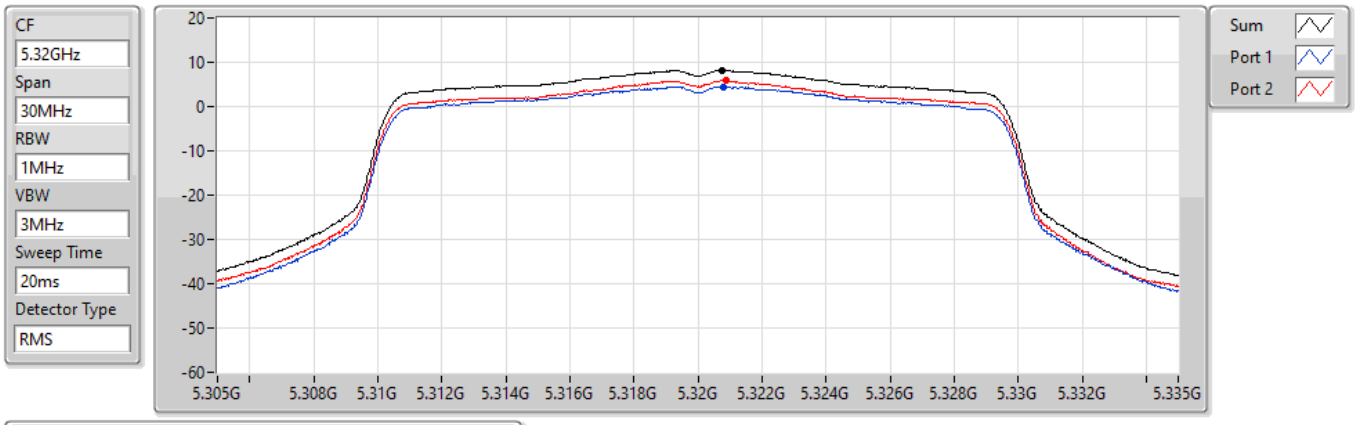


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	4.42	5.86

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5320MHz

13/07/2022

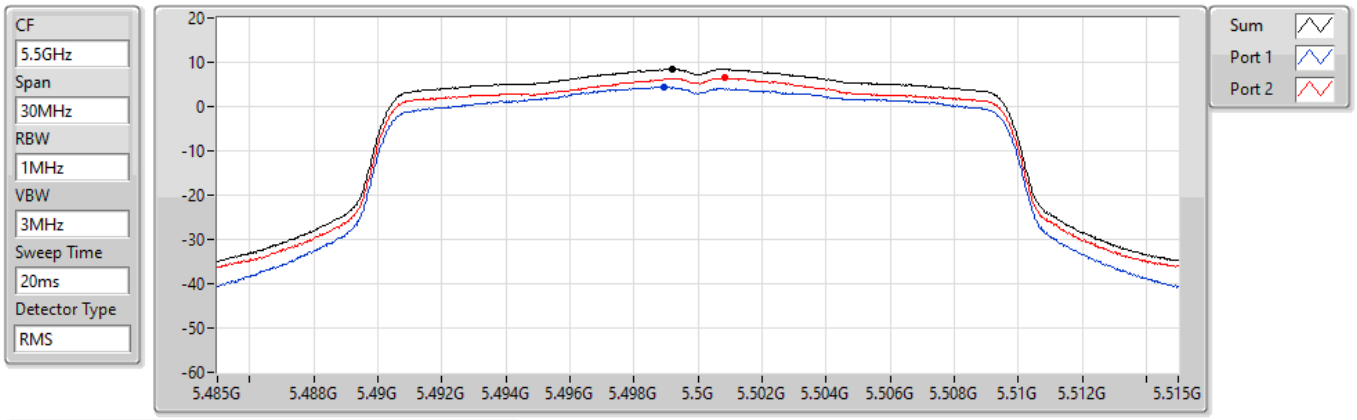


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	4.51	5.88

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5500MHz

13/07/2022

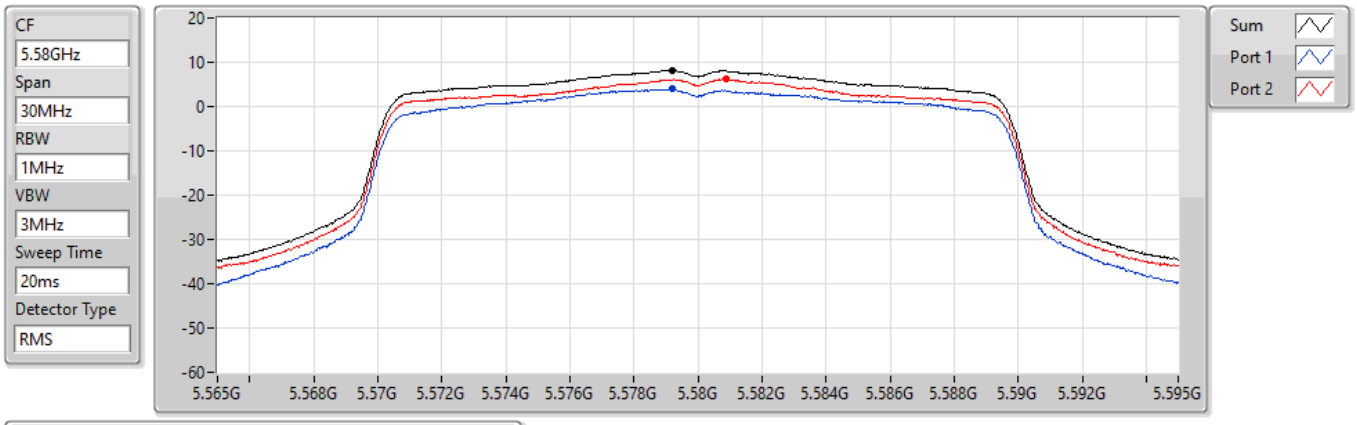


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	4.43	6.45

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5580MHz

13/07/2022

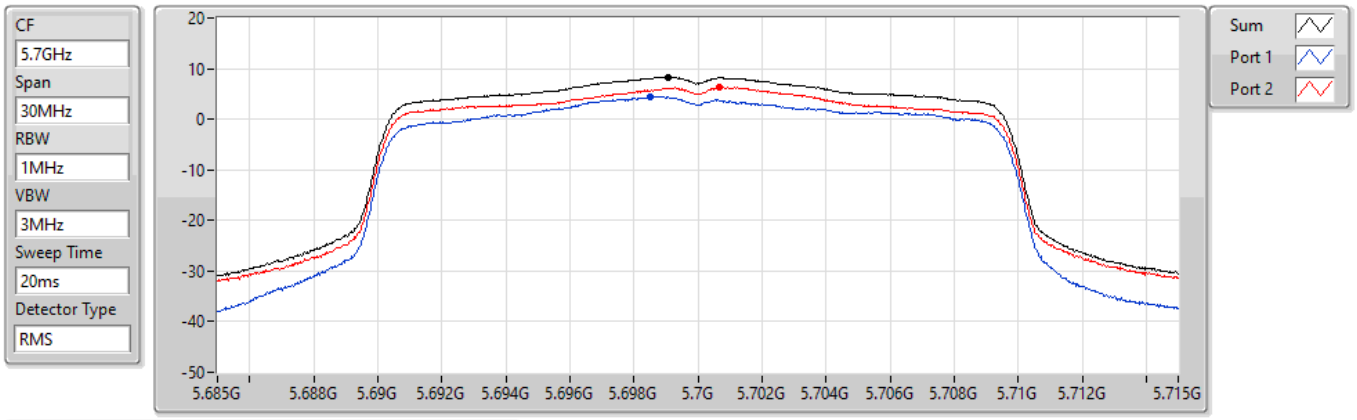


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	3.91	6.21

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5700MHz

13/07/2022

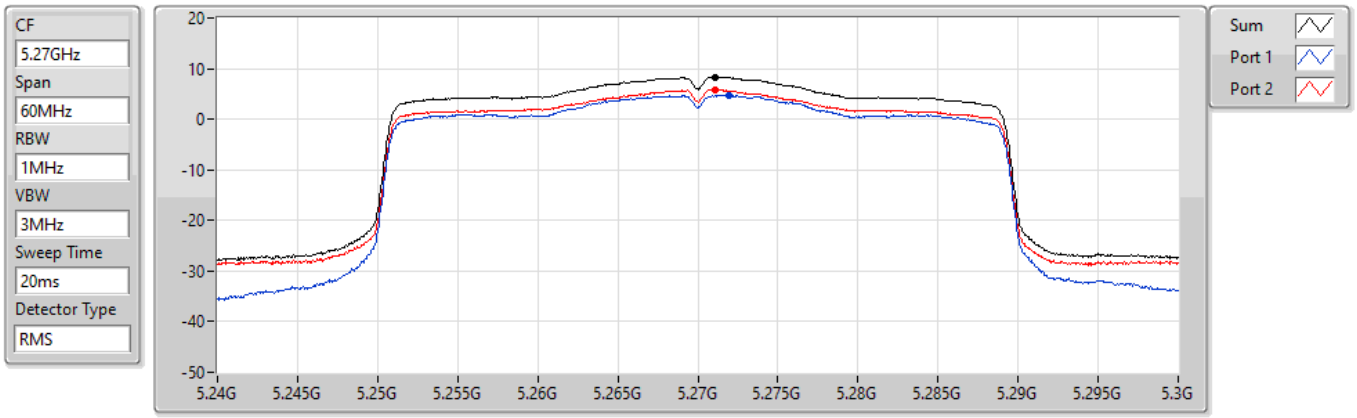


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	4.46	6.39

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5270MHz

13/07/2022

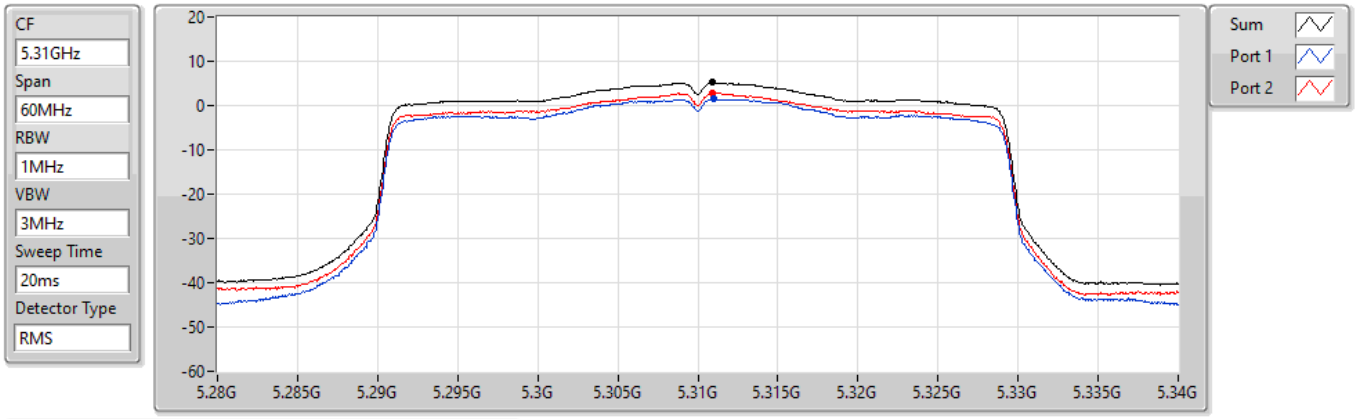


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.27	8.27	4.72	5.80

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5310MHz

13/07/2022

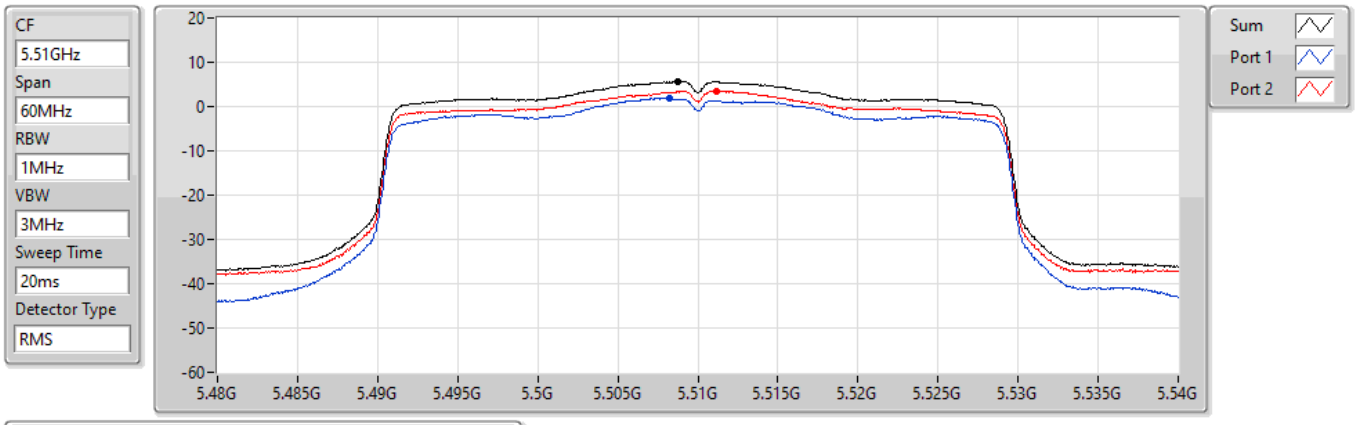


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	1.41	2.93

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5510MHz

13/07/2022

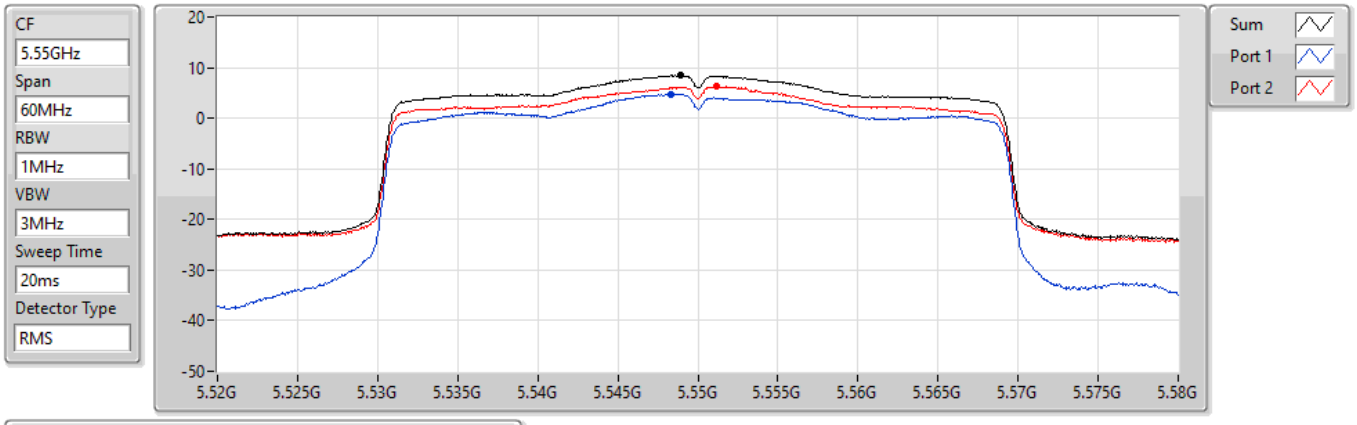


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	1.79	3.55

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5550MHz

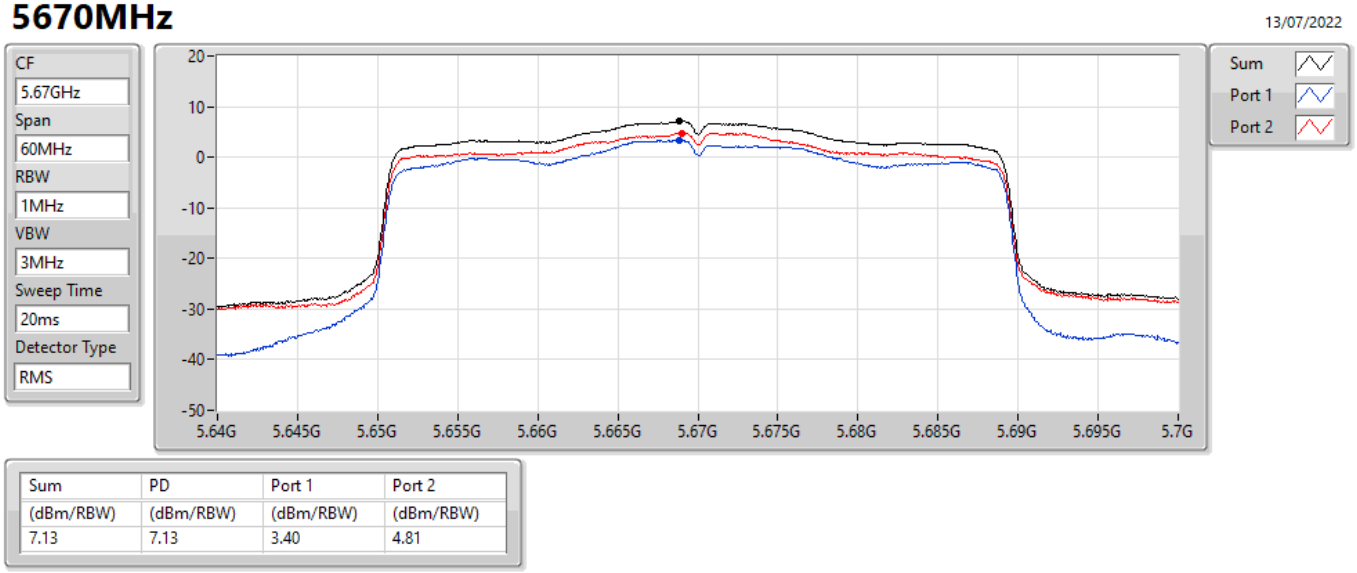
13/07/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	4.73	6.27

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

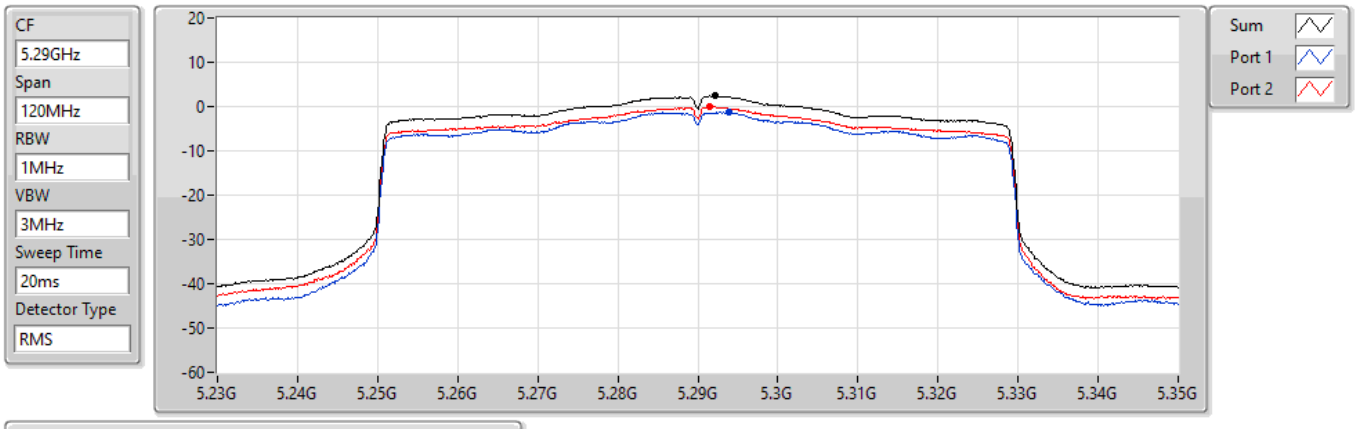
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	3.40	4.81

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5290MHz

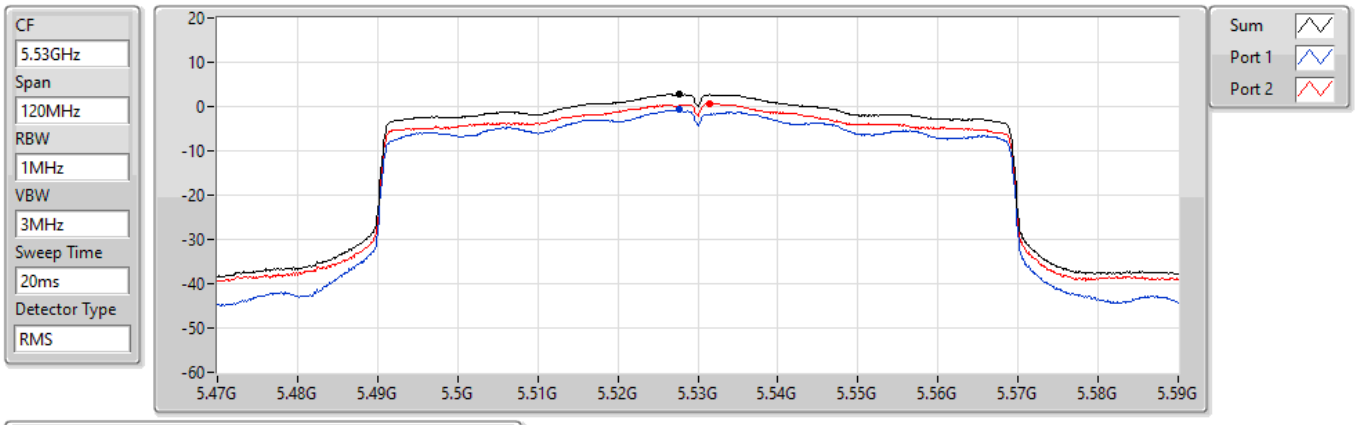


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-1.31	-0.00

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5530MHz

13/07/2022

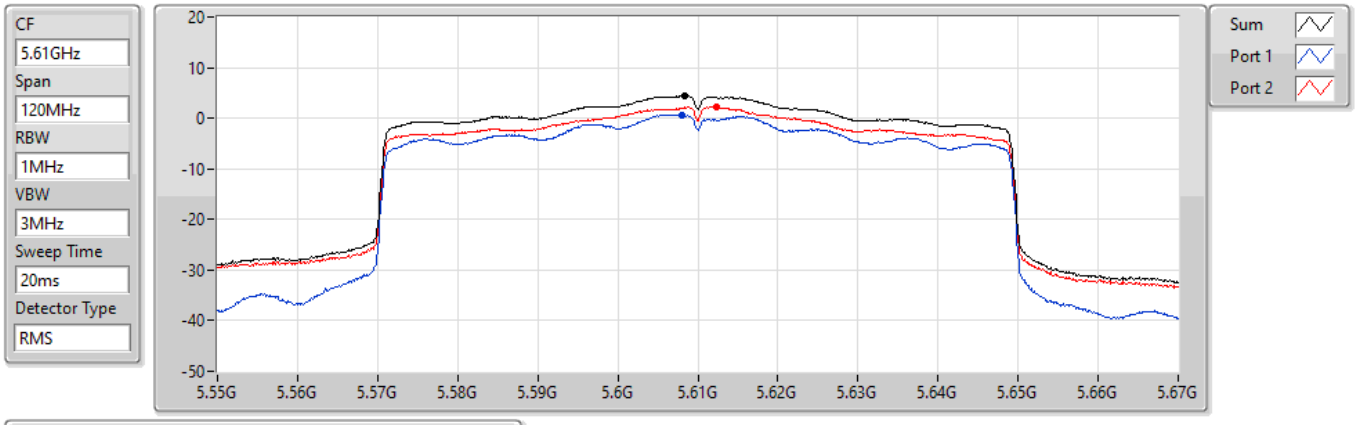


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	-0.71	0.75

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5610MHz

13/07/2022

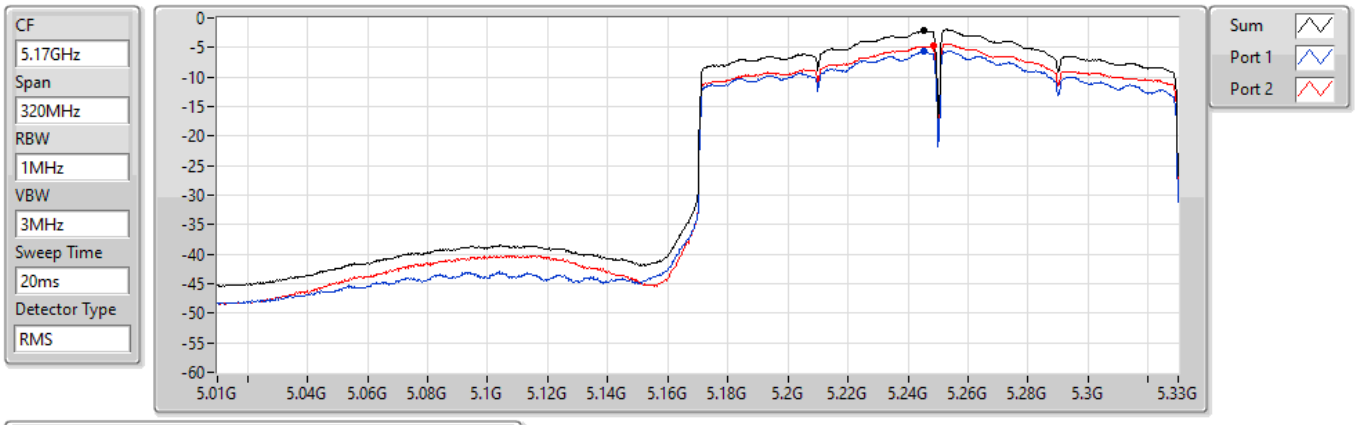


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	0.68	2.25

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.15-5.25GHz

13/07/2022

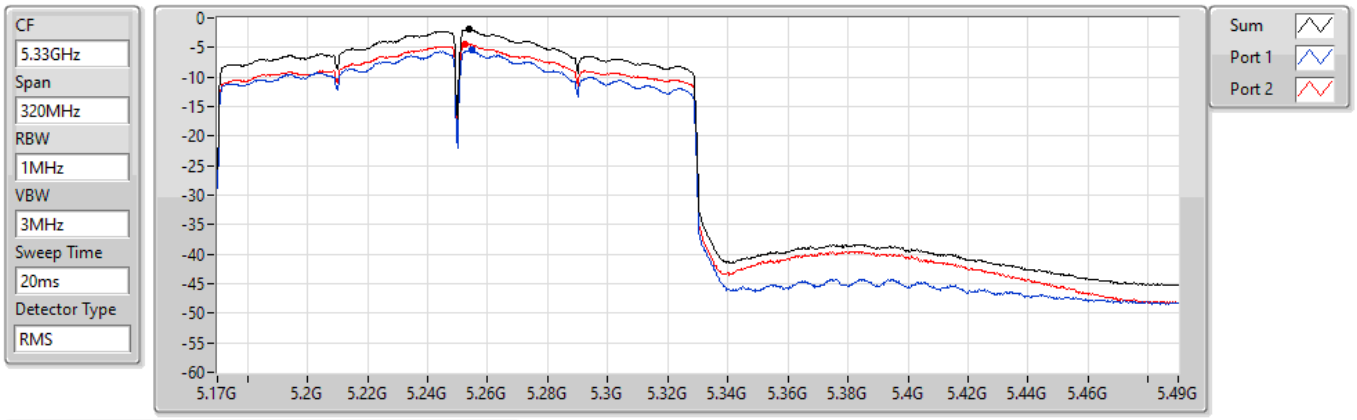


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.22	-2.22	-5.69	-4.74

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.25-5.35GHz

13/07/2022

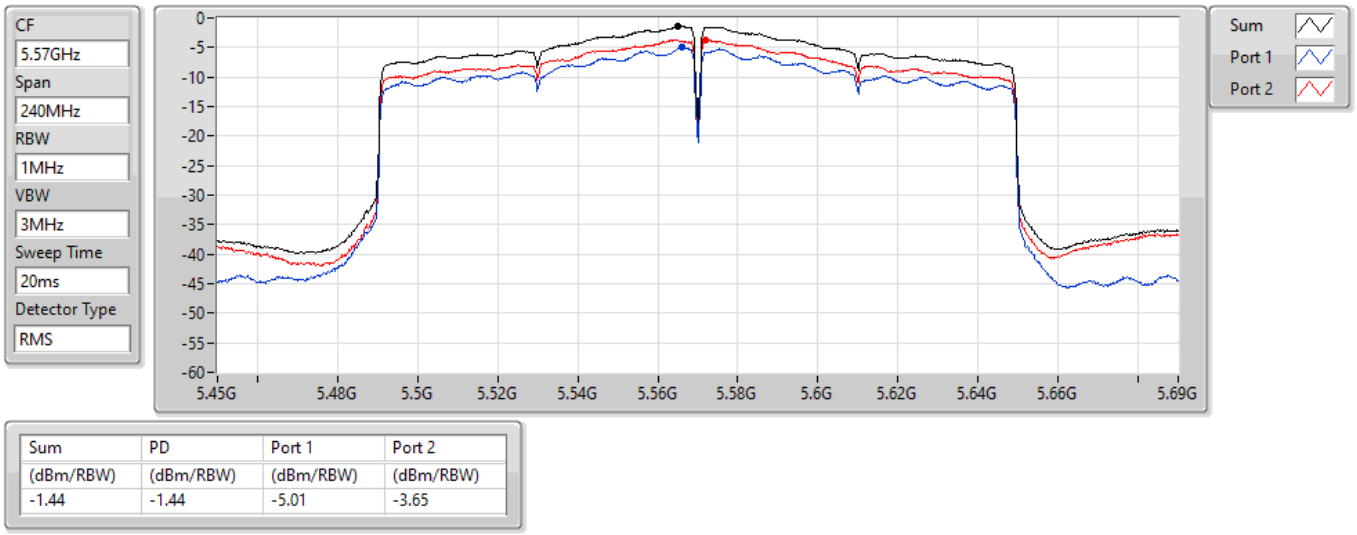


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.95	-1.95	-5.45	-4.44

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5570MHz

13/07/2022



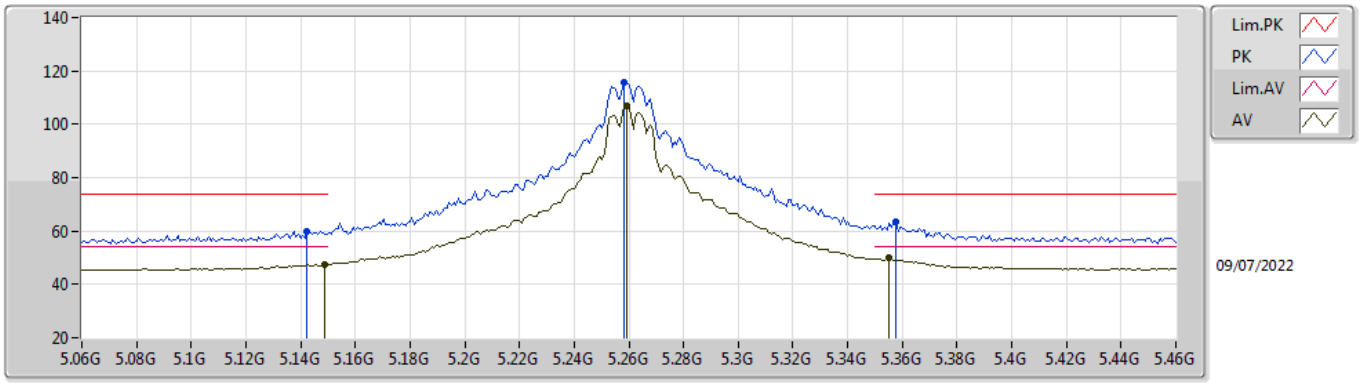
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.44	-1.44	-5.01	-3.65

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.3508G	53.97	54.00	-0.03	3	Horizontal	299	2.12	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

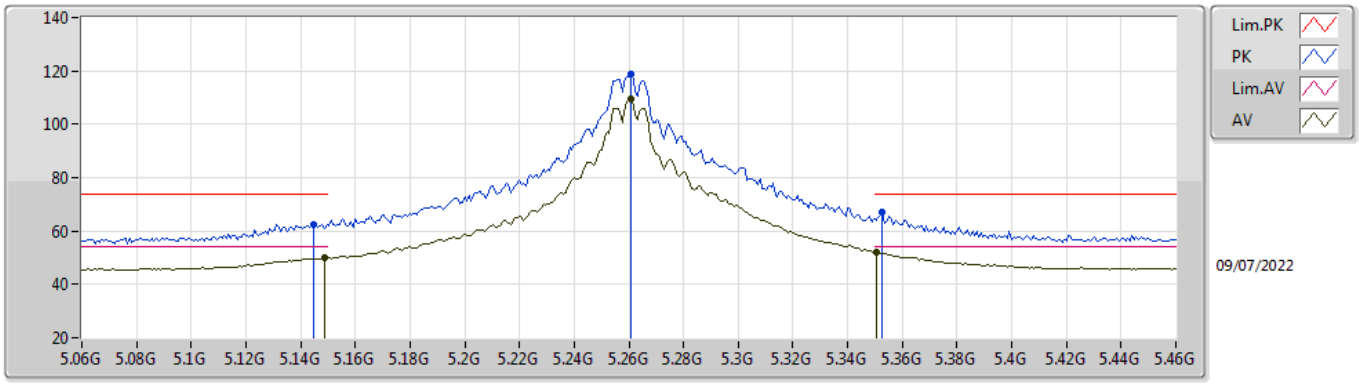


EUT Y_2TX
Setting 22.5
02-B-E-2-10

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	60.06	74.00	-13.94	51.97	3	Vertical	46	1.07	-	33.58	5.24	30.73
AV	5.1488G	47.48	54.00	-6.52	39.36	3	Vertical	46	1.07	-	33.60	5.25	30.73
PK	5.2584G	115.94	Inf	-Inf	107.61	3	Vertical	46	1.07	-	33.72	5.33	30.72
AV	5.2592G	106.91	Inf	-Inf	98.58	3	Vertical	46	1.07	-	33.72	5.33	30.72
PK	5.3576G	63.20	74.00	-10.80	54.62	3	Vertical	46	1.07	-	33.92	5.38	30.72
AV	5.3552G	49.78	54.00	-4.22	41.21	3	Vertical	46	1.07	-	33.91	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

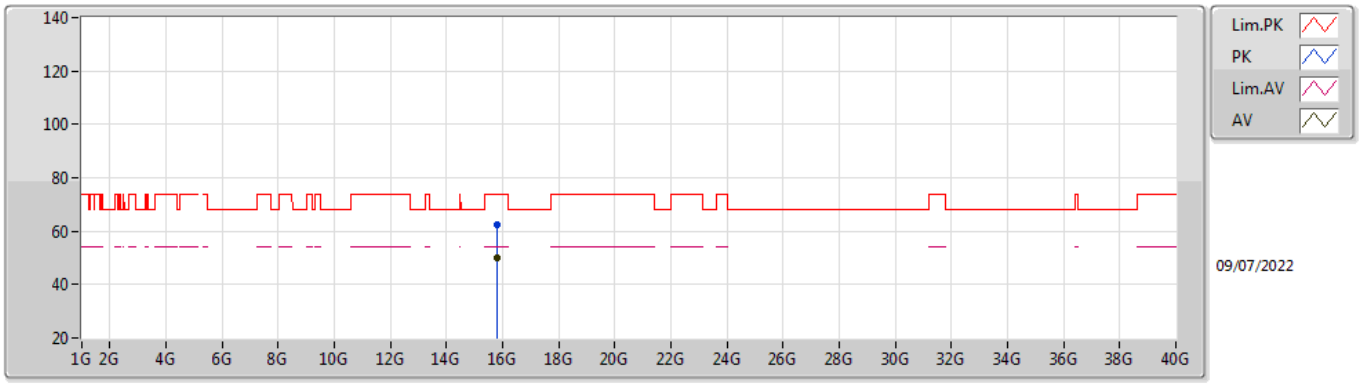


EUT Y_2TX
Setting 22.5
02-B-E-2-10

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	5.1448G	62.63	74.00	-11.37	54.53	3	Horizontal	307	2.11	-	33.59	5.24	30.73
AV	5.1488G	49.93	54.00	-4.07	41.81	3	Horizontal	307	2.11	-	33.60	5.25	30.73
PK	5.2608G	118.57	Inf	-Inf	110.24	3	Horizontal	307	2.11	-	33.72	5.33	30.72
AV	5.2608G	109.44	Inf	-Inf	101.11	3	Horizontal	307	2.11	-	33.72	5.33	30.72
PK	5.3528G	66.89	74.00	-7.11	58.32	3	Horizontal	307	2.11	-	33.91	5.38	30.72
AV	5.3504G	52.11	54.00	-1.89	43.55	3	Horizontal	307	2.11	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

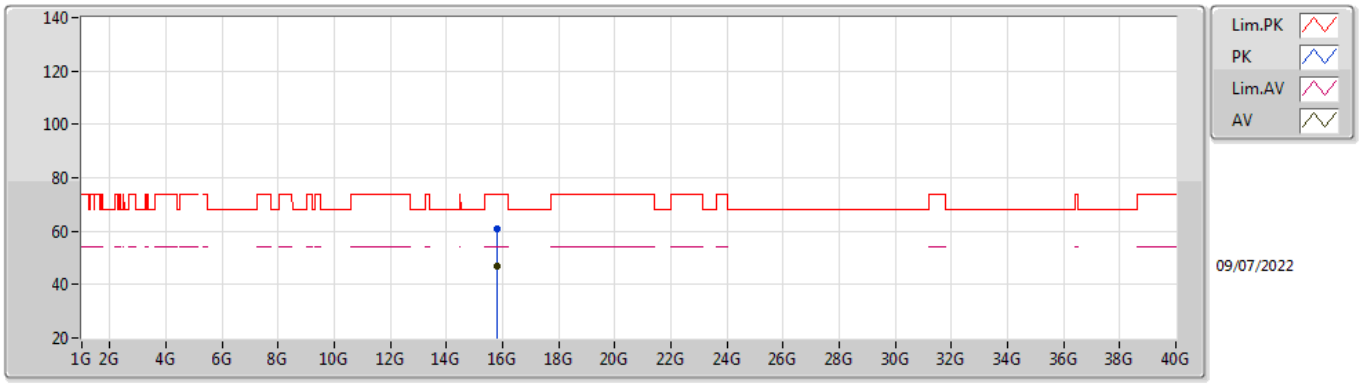


EUT Z_2TX
Setting 22.5
02-B-E-2

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	15.78522G	62.46	74.00	-11.54	46.54	3	Vertical	55	2.96	-	37.50	9.90	31.48
AV	15.7842G	50.07	54.00	-3.93	34.15	3	Vertical	55	2.96	-	37.50	9.90	31.48

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

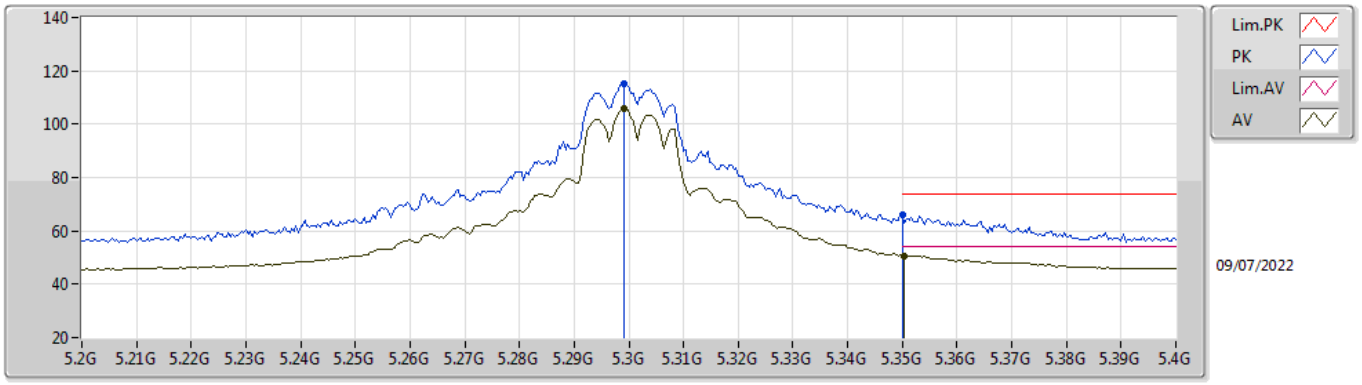


EUT Z_2TX
Setting 22.5
02-B-E-2

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	15.78138G	60.68	74.00	-13.32	44.76	3	Horizontal	146	2.38	-	37.50	9.90	31.48
AV	15.7821G	46.88	54.00	-7.12	30.96	3	Horizontal	146	2.38	-	37.50	9.90	31.48

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

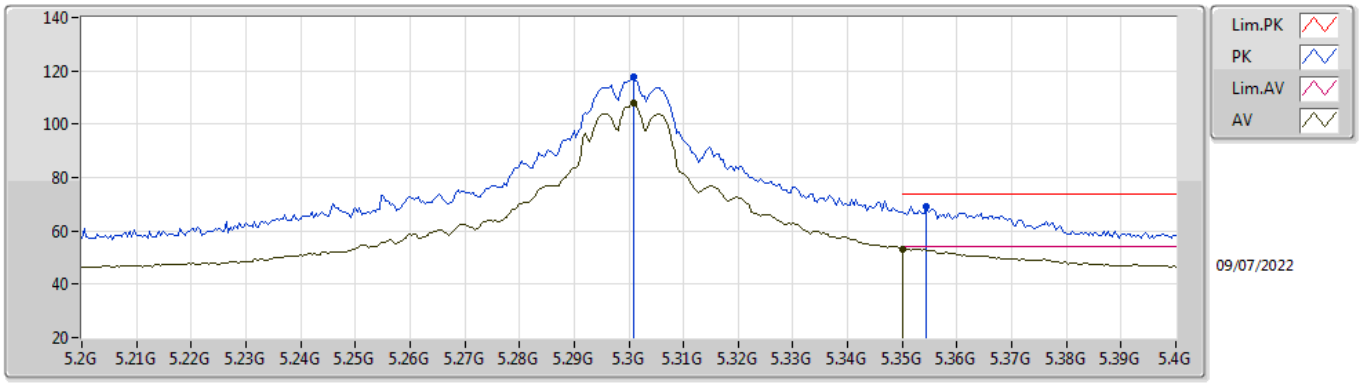


EUT Y_2TX
Setting 21
02-B-E-2-10

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	5.2992G	115.25	Inf	-Inf	106.82	3	Vertical	360	1.25	-	33.80	5.35	30.72
AV	5.2992G	105.94	Inf	-Inf	97.51	3	Vertical	360	1.25	-	33.80	5.35	30.72
PK	5.35G	66.00	74.00	-8.00	57.44	3	Vertical	360	1.25	-	33.90	5.38	30.72
AV	5.3504G	50.65	54.00	-3.35	42.09	3	Vertical	360	1.25	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

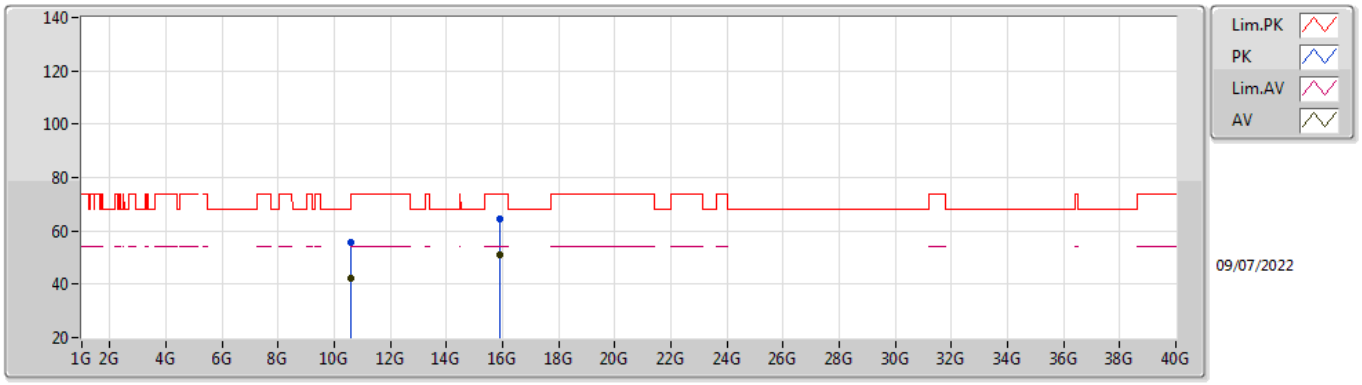


EUT Y_2TX
Setting 21
02-B-E-2-10

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	5.3008G	117.53	Inf	-Inf	109.10	3	Horizontal	303	1.91	-	33.80	5.35	30.72
AV	5.3008G	107.68	Inf	-Inf	99.25	3	Horizontal	303	1.91	-	33.80	5.35	30.72
PK	5.3544G	69.14	74.00	-4.86	60.57	3	Horizontal	303	1.91	-	33.91	5.38	30.72
AV	5.35G	53.28	54.00	-0.72	44.72	3	Horizontal	303	1.91	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

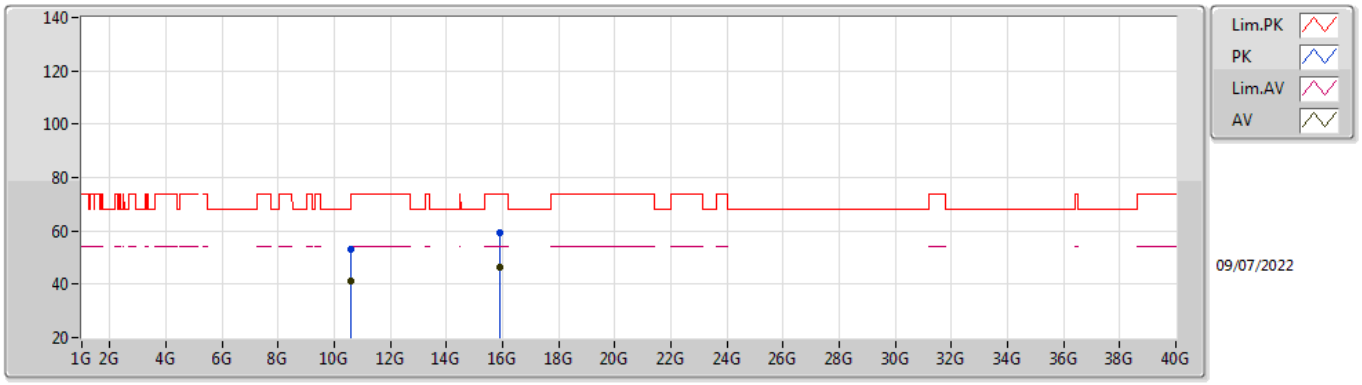


EUT Z_2TX
Setting 21
02-B-E-2

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	10.6018G	55.73	74.00	-18.27	41.55	3	Vertical	291	2.23	-	38.50	7.54	31.86
AV	10.60222G	42.13	54.00	-11.87	27.95	3	Vertical	291	2.23	-	38.50	7.54	31.86
PK	15.90024G	64.26	74.00	-9.74	48.54	3	Vertical	43	2.27	-	37.30	9.96	31.54
AV	15.8991G	50.86	54.00	-3.14	35.15	3	Vertical	43	2.27	-	37.30	9.95	31.54

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

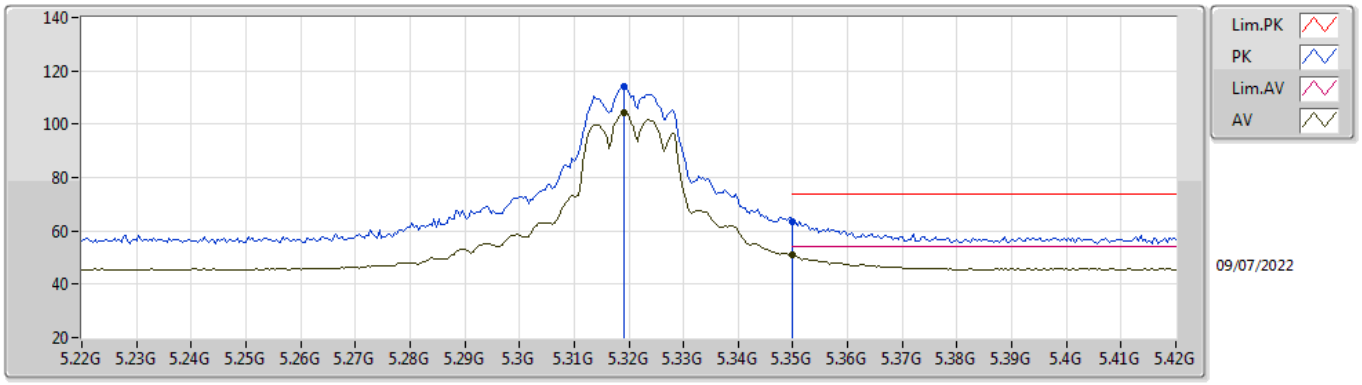


EUT Z_2TX
Setting 21
02-B-E-2

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	10.60114G	53.28	74.00	-20.72	39.10	3	Horizontal	14	1.74	-	38.50	7.54	31.86
AV	10.60198G	41.07	54.00	-12.93	26.89	3	Horizontal	14	1.74	-	38.50	7.54	31.86
PK	15.89652G	59.51	74.00	-14.49	43.79	3	Horizontal	142	2.03	-	37.31	9.95	31.54
AV	15.8973G	46.13	54.00	-7.87	30.41	3	Horizontal	142	2.03	-	37.31	9.95	31.54

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

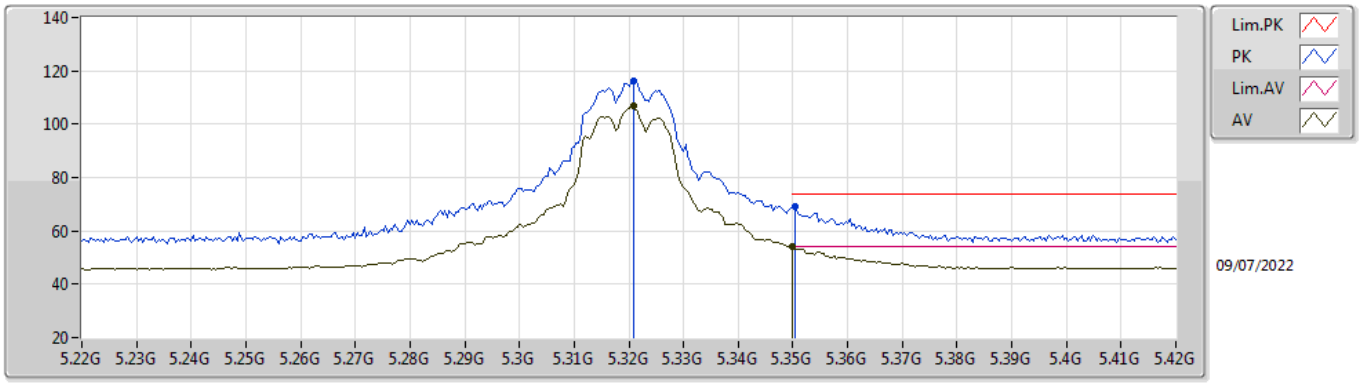


EUT Y_2TX
Setting 19.5
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3192G	113.91	Inf	-Inf	105.43	3	Vertical	360	1.34	-	33.84	5.36	30.72
AV	5.3192G	104.46	Inf	-Inf	95.98	3	Vertical	360	1.34	-	33.84	5.36	30.72
PK	5.35G	63.49	74.00	-10.51	54.93	3	Vertical	360	1.34	-	33.90	5.38	30.72
AV	5.35G	51.22	54.00	-2.78	42.66	3	Vertical	360	1.34	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

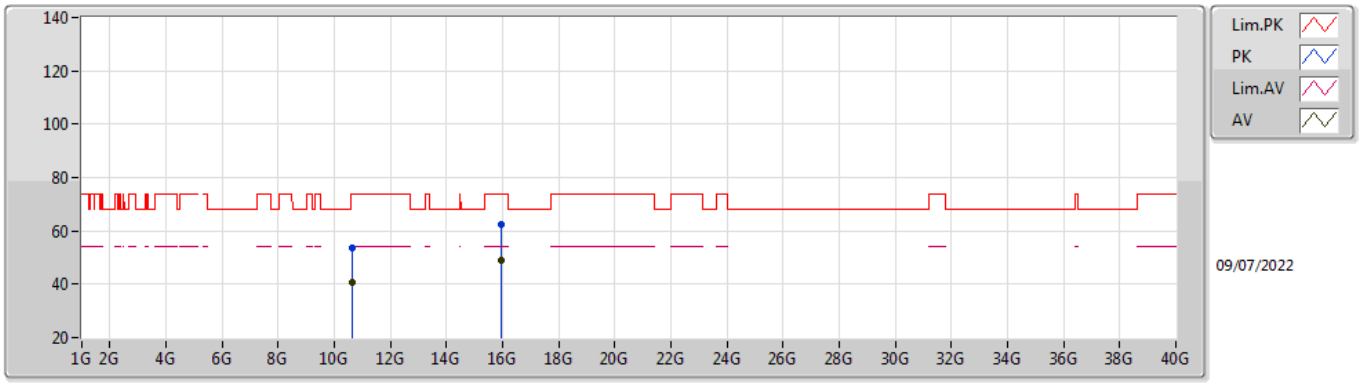


EUT Y_2TX
Setting 19.5
02-B-E-2-10

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	116.26	Inf	-Inf	107.78	3	Horizontal	306	2.06	-	33.84	5.36	30.72
AV	5.3208G	106.82	Inf	-Inf	98.34	3	Horizontal	306	2.06	-	33.84	5.36	30.72
PK	5.3504G	69.28	74.00	-4.72	60.72	3	Horizontal	306	2.06	-	33.90	5.38	30.72
AV	5.35G	53.94	54.00	-0.06	45.38	3	Horizontal	306	2.06	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

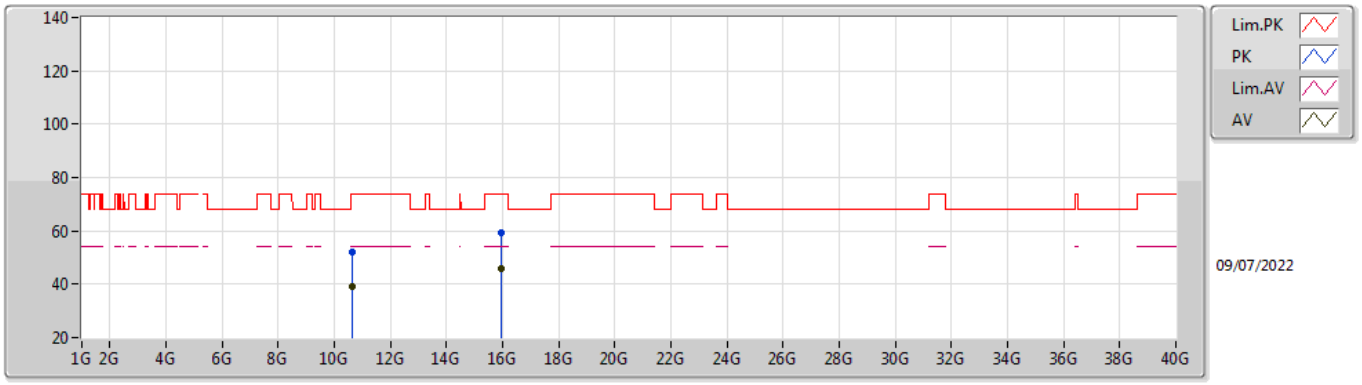


EUT Z_2TX
Setting 19.5
02-B-E-2

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	10.64288G	53.50	74.00	-20.50	39.31	3	Vertical	287	1.65	-	38.50	7.56	31.87
AV	10.64192G	40.65	54.00	-13.35	26.46	3	Vertical	287	1.65	-	38.50	7.56	31.87
PK	15.95976G	62.45	74.00	-11.55	46.74	3	Vertical	41	1.98	-	37.30	9.98	31.57
AV	15.95916G	49.21	54.00	-4.79	33.50	3	Vertical	41	1.98	-	37.30	9.98	31.57

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

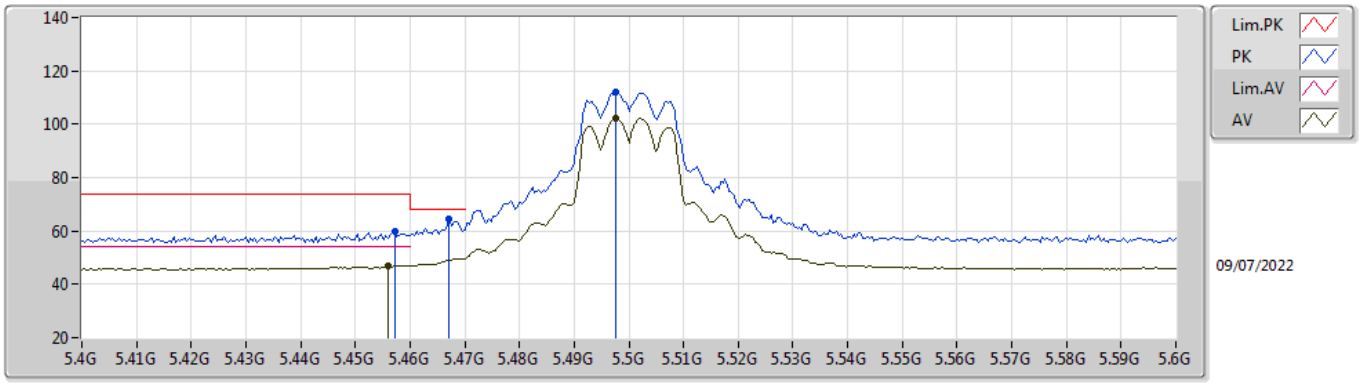


EUT Z_2TX
Setting 19.5
02-B-E-2

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	10.6415G	52.11	74.00	-21.89	37.92	3	Horizontal	332	1.80	-	38.50	7.56	31.87
AV	10.63598G	39.32	54.00	-14.68	25.14	3	Horizontal	332	1.80	-	38.50	7.55	31.87
PK	15.96258G	59.09	74.00	-14.91	43.38	3	Horizontal	142	2.35	-	37.30	9.98	31.57
AV	15.96234G	46.09	54.00	-7.91	30.38	3	Horizontal	142	2.35	-	37.30	9.98	31.57

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

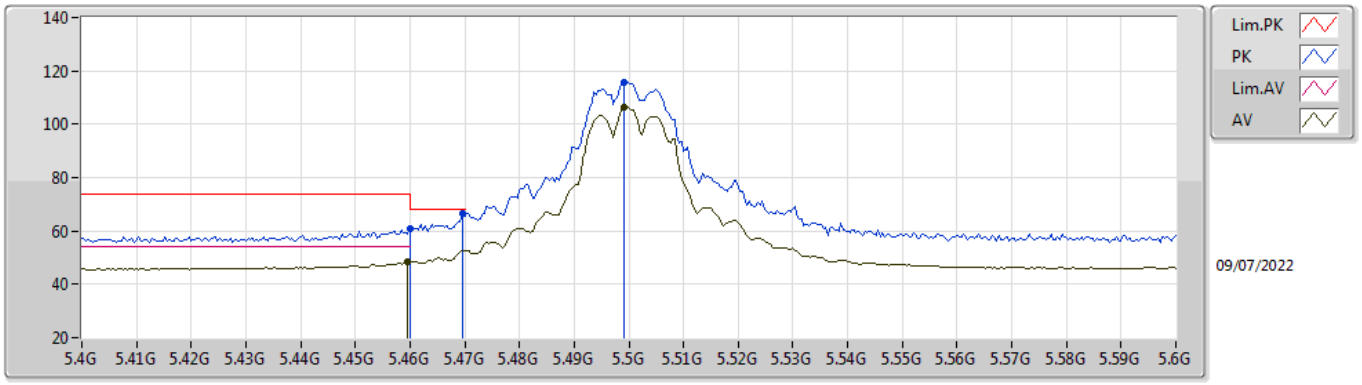


EUT Y_2TX
Setting 19
02-B-E-2-10

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	5.4572G	59.81	74.00	-14.19	51.07	3	Vertical	12	1.80	-	34.00	5.46	30.72
AV	5.456G	47.06	54.00	-6.94	38.32	3	Vertical	12	1.80	-	34.00	5.46	30.72
PK	5.4672G	64.72	68.20	-3.48	55.97	3	Vertical	12	1.80	-	34.00	5.47	30.72
PK	5.4976G	112.16	Inf	-Inf	103.38	3	Vertical	12	1.80	-	34.00	5.50	30.72
AV	5.4976G	102.09	Inf	-Inf	93.31	3	Vertical	12	1.80	-	34.00	5.50	30.72

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

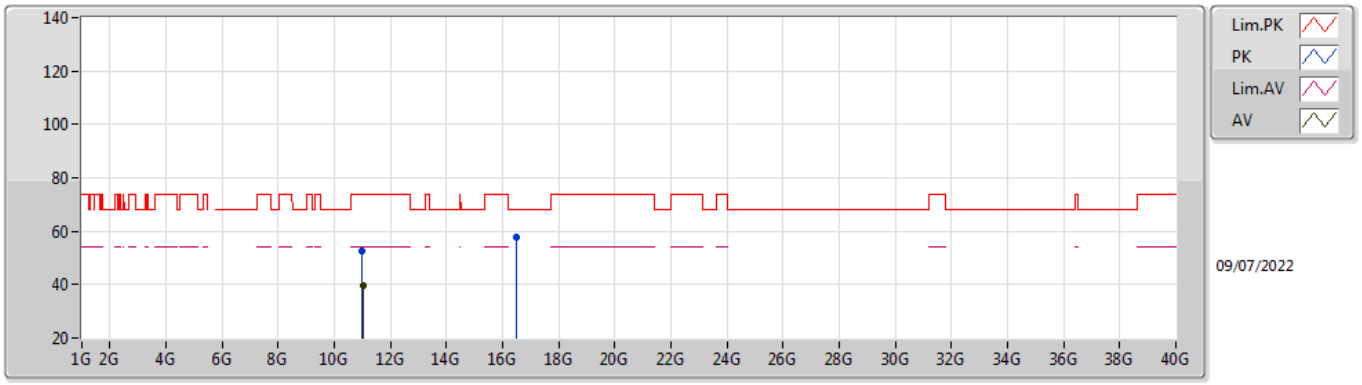


EUT Y_2TX
Setting 19
02-B-E-2-10

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	5.46G	60.87	74.00	-13.13	52.13	3	Horizontal	98	1.60	-	34.00	5.46	30.72
AV	5.4596G	48.30	54.00	-5.70	39.56	3	Horizontal	98	1.60	-	34.00	5.46	30.72
PK	5.4696G	66.66	68.20	-1.54	57.91	3	Horizontal	98	1.60	-	34.00	5.47	30.72
PK	5.4992G	115.94	Inf	-Inf	107.16	3	Horizontal	98	1.60	-	34.00	5.50	30.72
AV	5.4992G	106.55	Inf	-Inf	97.77	3	Horizontal	98	1.60	-	34.00	5.50	30.72

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

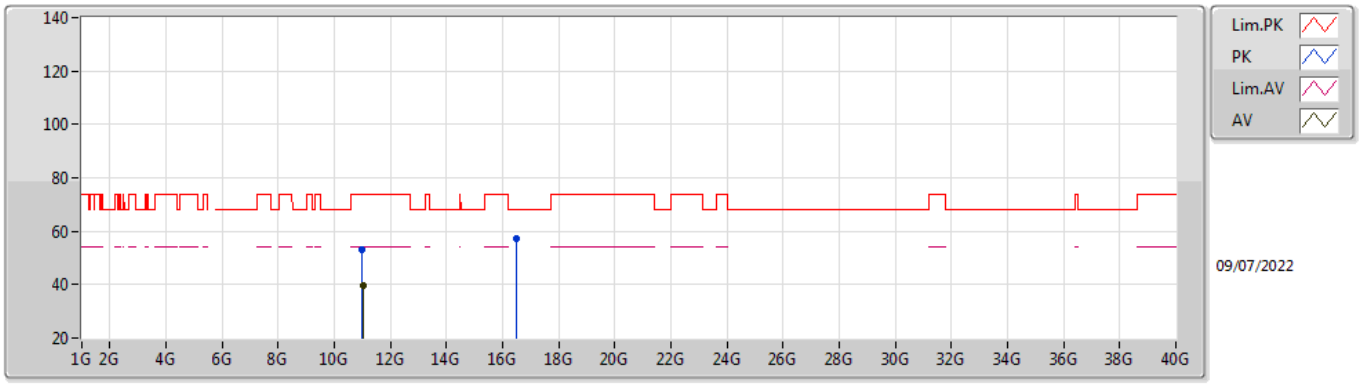


EUT Z_2TX
Setting 19
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00282G	52.73	74.00	-21.27	38.35	3	Vertical	168	1.29	-	38.60	7.70	31.92
AV	11.012G	39.61	54.00	-14.39	25.22	3	Vertical	168	1.29	-	38.61	7.70	31.92
PK	16.5129G	57.59	68.20	-10.61	39.15	3	Vertical	86	1.80	-	39.14	10.26	30.96

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

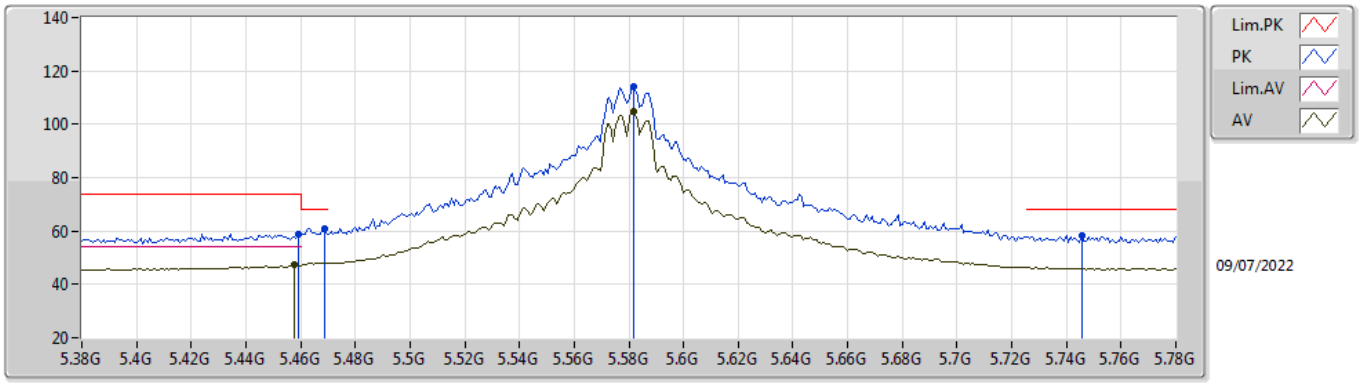


EUT Z_2TX
Setting 19
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00324G	53.33	74.00	-20.67	38.95	3	Horizontal	279	2.96	-	38.60	7.70	31.92
AV	11.01458G	39.64	54.00	-14.36	25.25	3	Horizontal	279	2.96	-	38.61	7.71	31.93
PK	16.50444G	57.24	68.20	-10.96	38.85	3	Horizontal	221	1.80	-	39.11	10.25	30.97

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

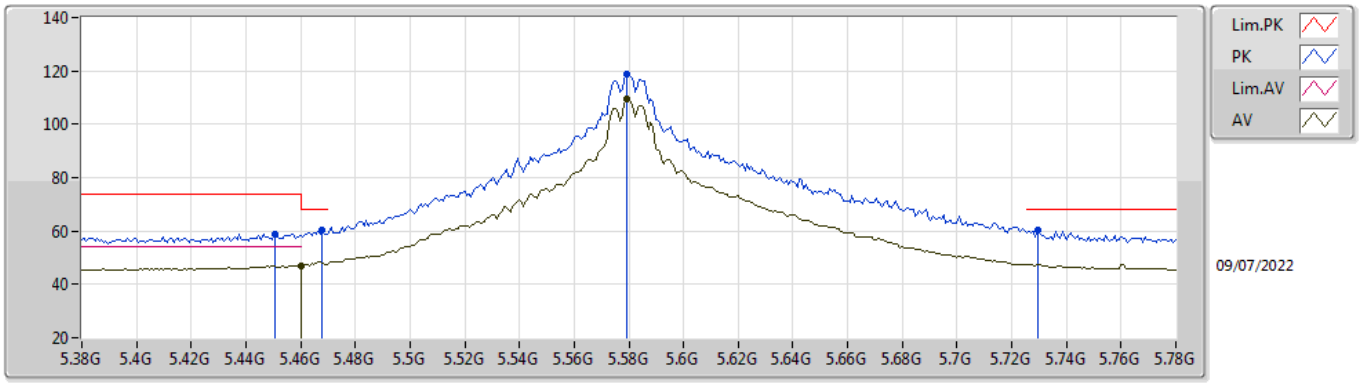


EUT Y_2TX
Setting 23
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	58.77	74.00	-15.23	50.03	3	Vertical	19	1.95	-	34.00	5.46	30.72
AV	5.4576G	47.16	54.00	-6.84	38.42	3	Vertical	19	1.95	-	34.00	5.46	30.72
PK	5.4688G	61.08	68.20	-7.12	52.33	3	Vertical	19	1.95	-	34.00	5.47	30.72
PK	5.5816G	113.94	Inf	-Inf	105.20	3	Vertical	19	1.95	-	33.94	5.58	30.78
AV	5.5816G	104.81	Inf	-Inf	96.07	3	Vertical	19	1.95	-	33.94	5.58	30.78
PK	5.7456G	58.35	68.20	-9.85	49.85	3	Vertical	19	1.95	-	33.81	5.60	30.91

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

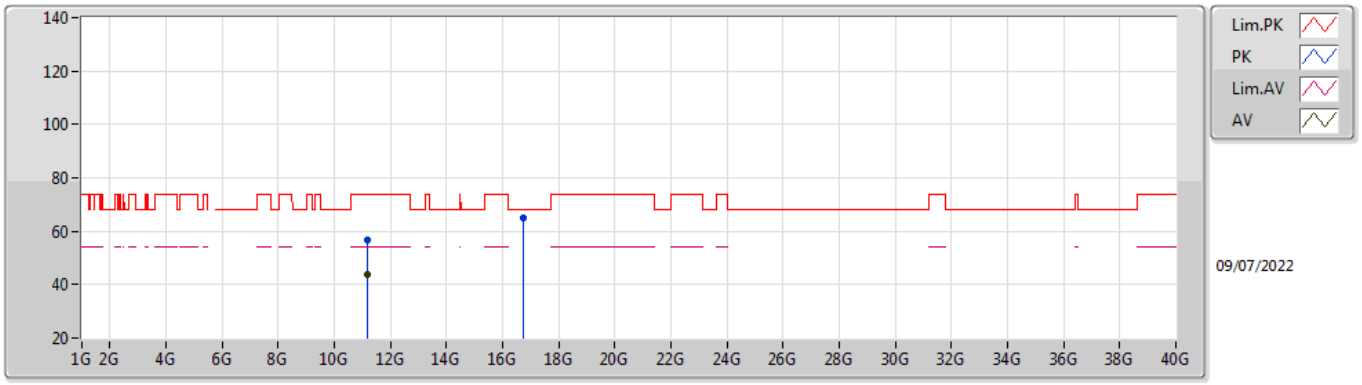


EUT Y_2TX
Setting 23
02-B-E-2-10

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	5.4504G	58.98	74.00	-15.02	50.25	3	Horizontal	100	1.82	-	34.00	5.45	30.72
PK	5.468G	60.18	68.20	-8.02	51.43	3	Horizontal	100	1.82	-	34.00	5.47	30.72
AV	5.46G	47.01	54.00	-6.99	38.27	3	Horizontal	100	1.82	-	34.00	5.46	30.72
PK	5.5792G	118.97	Inf	-Inf	110.23	3	Horizontal	100	1.82	-	33.94	5.58	30.78
AV	5.5792G	109.54	Inf	-Inf	100.80	3	Horizontal	100	1.82	-	33.94	5.58	30.78
PK	5.7296G	60.34	68.20	-7.86	51.79	3	Horizontal	100	1.82	-	33.84	5.60	30.89

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

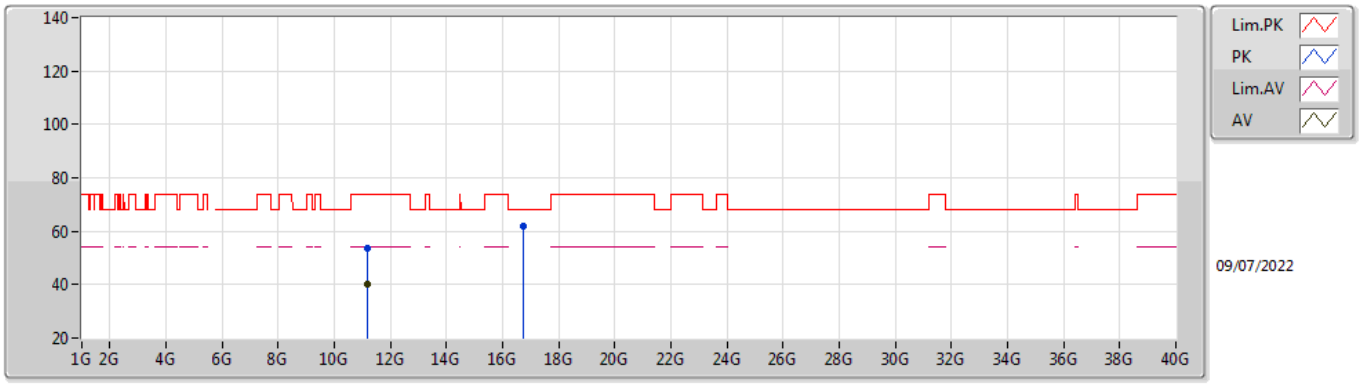


EUT Z_2TX
Setting 23
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16204G	56.91	74.00	-17.09	42.37	3	Vertical	319	1.72	-	38.76	7.76	31.98
AV	11.15814G	43.54	54.00	-10.46	29.00	3	Vertical	319	1.72	-	38.76	7.76	31.98
PK	16.73472G	64.77	68.20	-3.43	45.16	3	Vertical	40	2.39	-	39.88	10.37	30.64

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

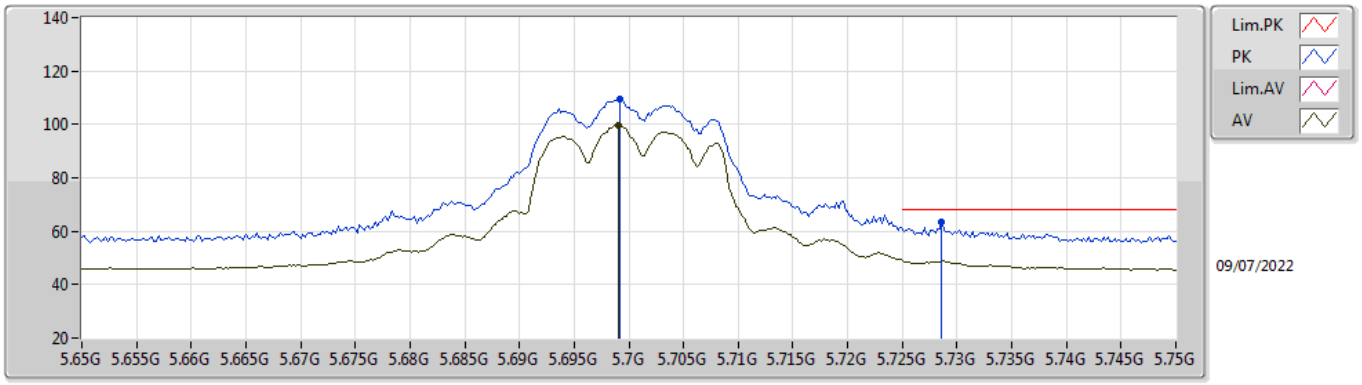


EUT Z_2TX
Setting 23
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15844G	53.43	74.00	-20.57	38.89	3	Horizontal	178	1.67	-	38.76	7.76	31.98
AV	11.16204G	40.28	54.00	-13.72	25.74	3	Horizontal	178	1.67	-	38.76	7.76	31.98
PK	16.73682G	61.67	68.20	-6.53	42.05	3	Horizontal	126	2.23	-	39.89	10.37	30.64

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

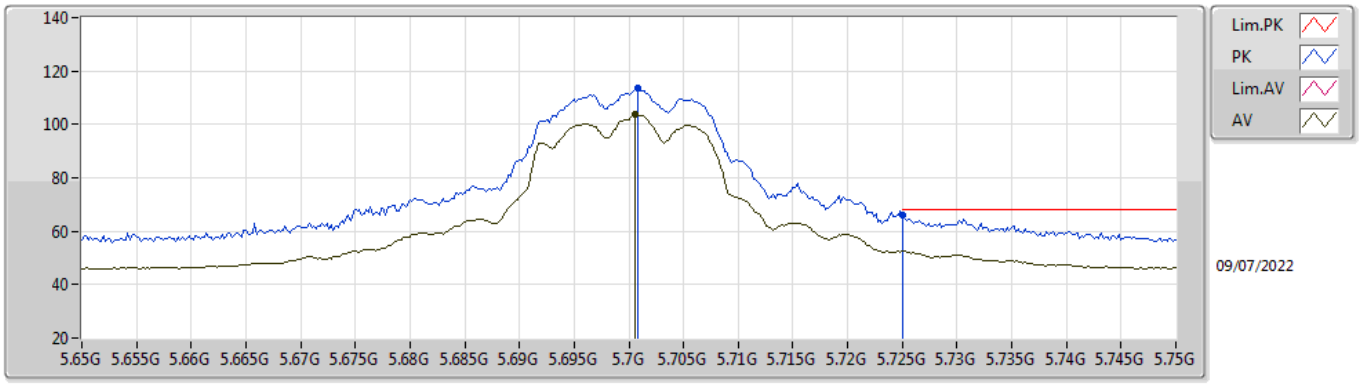


EUT Y_2TX
Setting 18
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6992G	109.23	Inf	-Inf	100.60	3	Vertical	360	2.15	-	33.90	5.60	30.87
AV	5.699G	99.58	Inf	-Inf	90.95	3	Vertical	360	2.15	-	33.90	5.60	30.87
PK	5.7286G	63.20	68.20	-5.00	54.65	3	Vertical	360	2.15	-	33.84	5.60	30.89

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

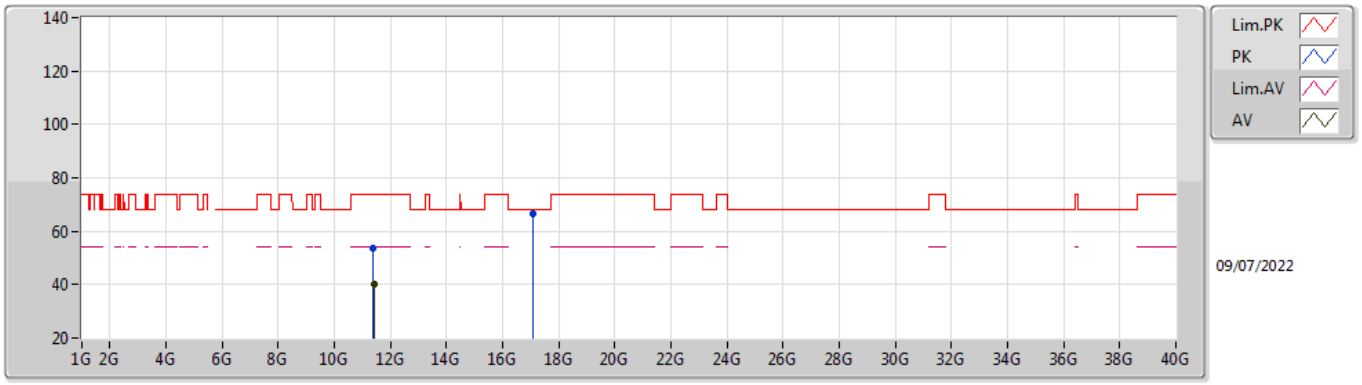


EUT Y_2TX
Setting 18
02-B-E-2-10

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	5.7008G	113.43	Inf	-Inf	104.80	3	Horizontal	62	2.05	-	33.90	5.60	30.87
AV	5.7006G	103.56	Inf	-Inf	94.93	3	Horizontal	62	2.05	-	33.90	5.60	30.87
PK	5.725G	65.98	68.20	-2.22	57.42	3	Horizontal	62	2.05	-	33.85	5.60	30.89

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

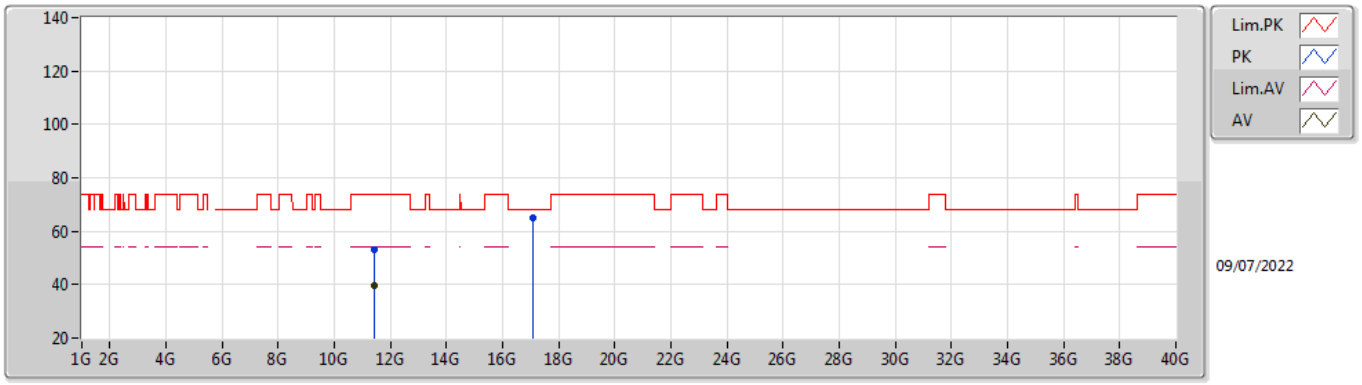


EUT Z_2TX
Setting 18
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39778G	53.56	74.00	-20.44	38.98	3	Vertical	297	2.14	-	38.80	7.86	32.08
AV	11.40174G	40.40	54.00	-13.60	25.82	3	Vertical	297	2.14	-	38.80	7.86	32.08
PK	17.1003G	66.65	68.20	-1.55	44.95	3	Vertical	58	2.03	-	41.40	10.55	30.25

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

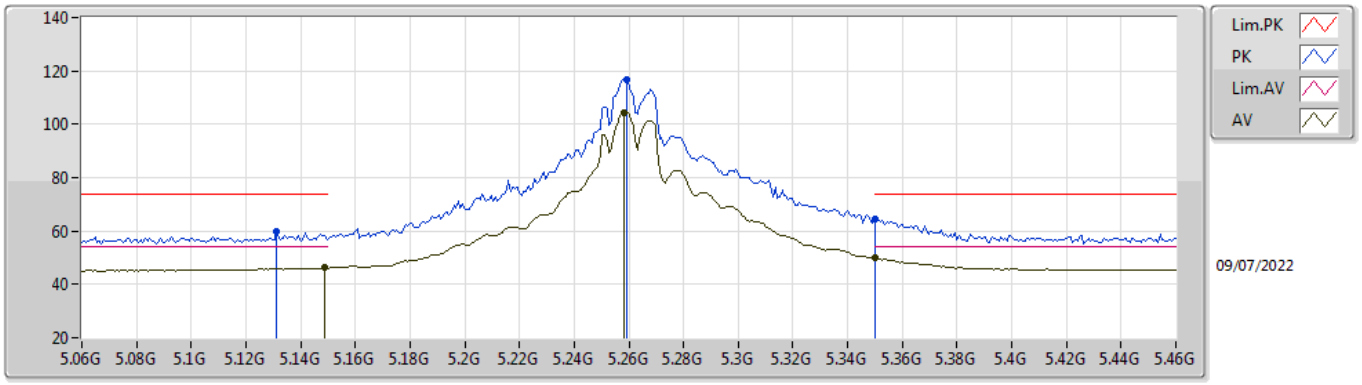


EUT Z_2TX
Setting 18
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41344G	53.27	74.00	-20.73	38.66	3	Horizontal	83	3.00	-	38.83	7.87	32.09
AV	11.4087G	39.65	54.00	-14.35	25.05	3	Horizontal	83	3.00	-	38.82	7.86	32.08
PK	17.10018G	64.90	68.20	-3.30	43.20	3	Horizontal	127	2.25	-	41.40	10.55	30.25

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

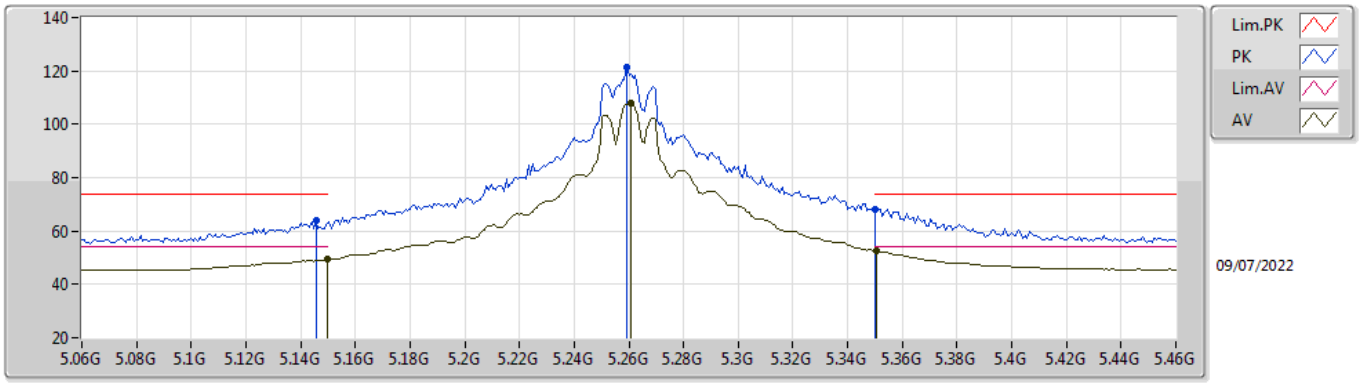


EUT Y_2TX
Setting 22.5
02-B-E-2-10

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	5.1312G	59.78	74.00	-14.22	51.72	3	Vertical	0	1.24	-	33.56	5.23	30.73
AV	5.1488G	46.22	54.00	-7.78	38.10	3	Vertical	0	1.24	-	33.60	5.25	30.73
PK	5.2592G	116.63	Inf	-Inf	108.30	3	Vertical	0	1.24	-	33.72	5.33	30.72
AV	5.2584G	104.49	Inf	-Inf	96.16	3	Vertical	0	1.24	-	33.72	5.33	30.72
PK	5.35G	64.74	74.00	-9.26	56.18	3	Vertical	0	1.24	-	33.90	5.38	30.72
AV	5.35G	49.80	54.00	-4.20	41.24	3	Vertical	0	1.24	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

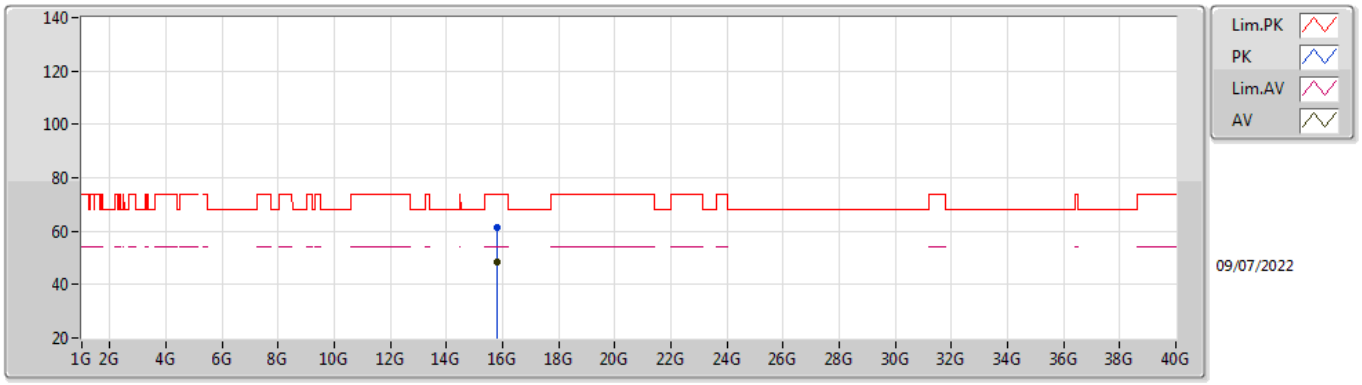


EUT Y_2TX
Setting 22.5
02-B-E-2-10

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	5.1456G	63.87	74.00	-10.13	55.76	3	Horizontal	303	2.09	-	33.59	5.25	30.73
AV	5.1496G	49.28	54.00	-4.72	41.16	3	Horizontal	303	2.09	-	33.60	5.25	30.73
PK	5.2592G	121.35	Inf	-Inf	113.02	3	Horizontal	303	2.09	-	33.72	5.33	30.72
AV	5.2608G	107.94	Inf	-Inf	99.61	3	Horizontal	303	2.09	-	33.72	5.33	30.72
PK	5.35G	68.22	74.00	-5.78	59.66	3	Horizontal	303	2.09	-	33.90	5.38	30.72
AV	5.3504G	52.81	54.00	-1.19	44.25	3	Horizontal	303	2.09	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

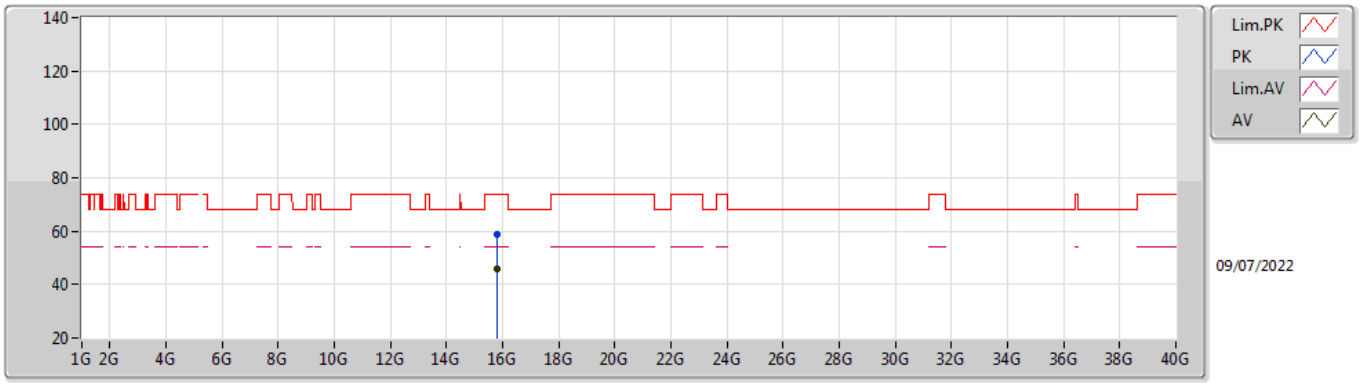


EUT Z_2TX
Setting 22.5
02-B-E-2

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	15.77928G	61.45	74.00	-12.55	45.53	3	Vertical	128	1.88	-	37.50	9.90	31.48
AV	15.77904G	48.27	54.00	-5.73	32.35	3	Vertical	128	1.88	-	37.50	9.90	31.48

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

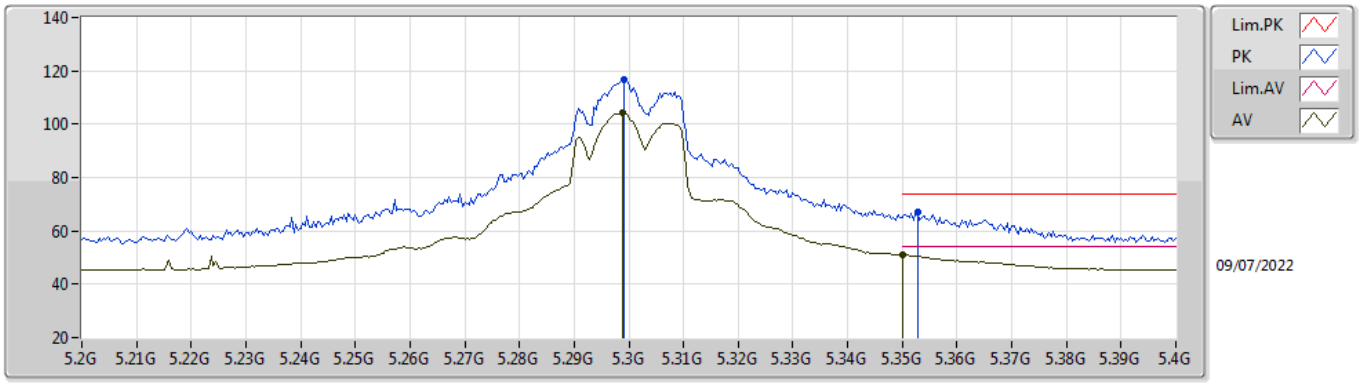


EUT Z_2TX
Setting 22.5
02-B-E-2

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	15.7863G	58.80	74.00	-15.20	42.88	3	Horizontal	136	2.34	-	37.50	9.90	31.48
AV	15.78216G	45.82	54.00	-8.18	29.90	3	Horizontal	136	2.34	-	37.50	9.90	31.48

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

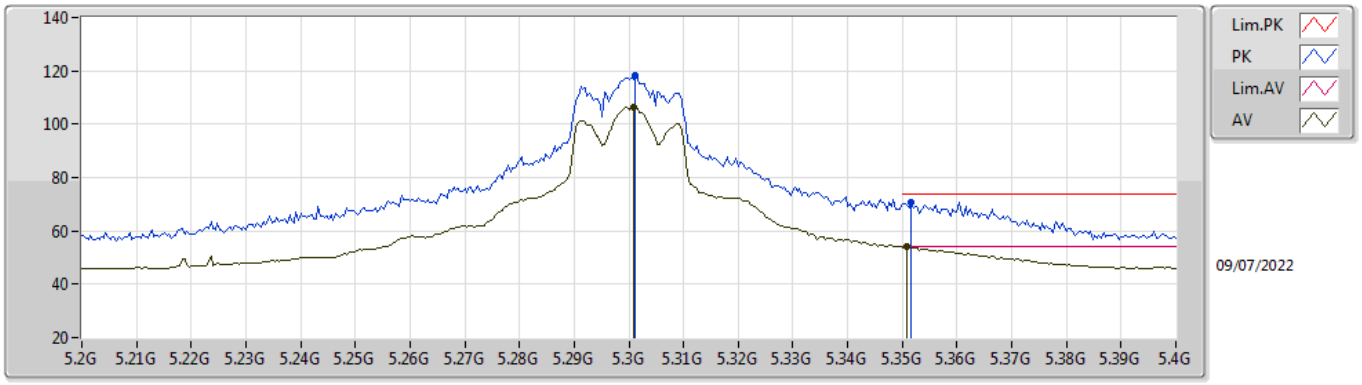


EUT Y_2TX
Setting 20.5
02-B-E-2-10

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	5.2992G	116.70	Inf	-Inf	108.27	3	Vertical	360	1.23	-	33.80	5.35	30.72
AV	5.2988G	104.08	Inf	-Inf	95.65	3	Vertical	360	1.23	-	33.80	5.35	30.72
PK	5.3528G	66.86	74.00	-7.14	58.29	3	Vertical	360	1.23	-	33.91	5.38	30.72
AV	5.35G	51.02	54.00	-2.98	42.46	3	Vertical	360	1.23	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

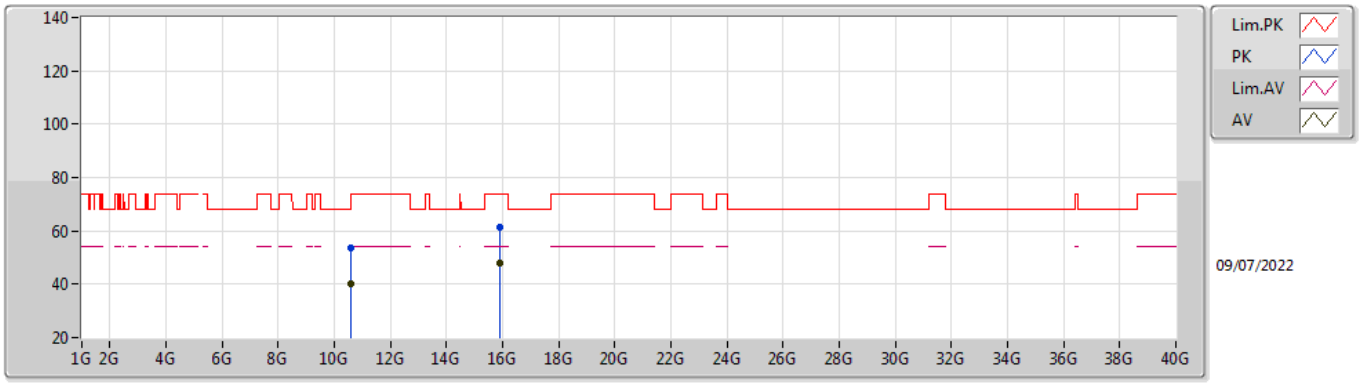


EUT Y_2TX
Setting 20.5
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3012G	118.11	Inf	-Inf	109.68	3	Horizontal	306	2.05	-	33.80	5.35	30.72
AV	5.3008G	106.46	Inf	-Inf	98.03	3	Horizontal	306	2.05	-	33.80	5.35	30.72
PK	5.3516G	70.70	74.00	-3.30	62.14	3	Horizontal	306	2.05	-	33.90	5.38	30.72
AV	5.3508G	53.95	54.00	-0.05	45.39	3	Horizontal	306	2.05	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

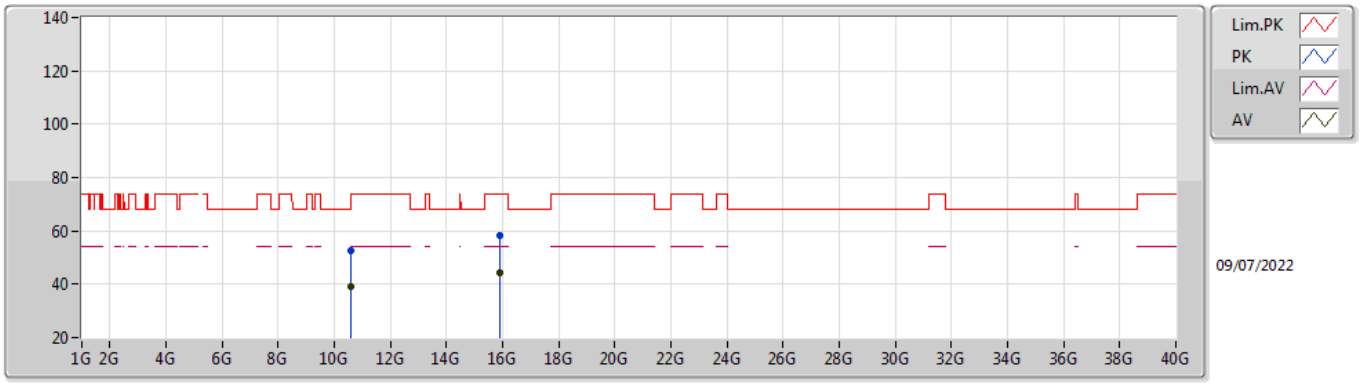


EUT Z_2TX
Setting 20.5
02-B-E-2

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	10.59856G	53.80	68.20	-14.40	39.62	3	Vertical	359	1.96	-	38.50	7.54	31.86
AV	10.60132G	40.14	54.00	-13.86	25.96	3	Vertical	359	1.96	-	38.50	7.54	31.86
PK	15.89958G	61.62	74.00	-12.38	45.91	3	Vertical	52	2.24	-	37.30	9.95	31.54
AV	15.8997G	48.05	54.00	-5.95	32.34	3	Vertical	52	2.24	-	37.30	9.95	31.54

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

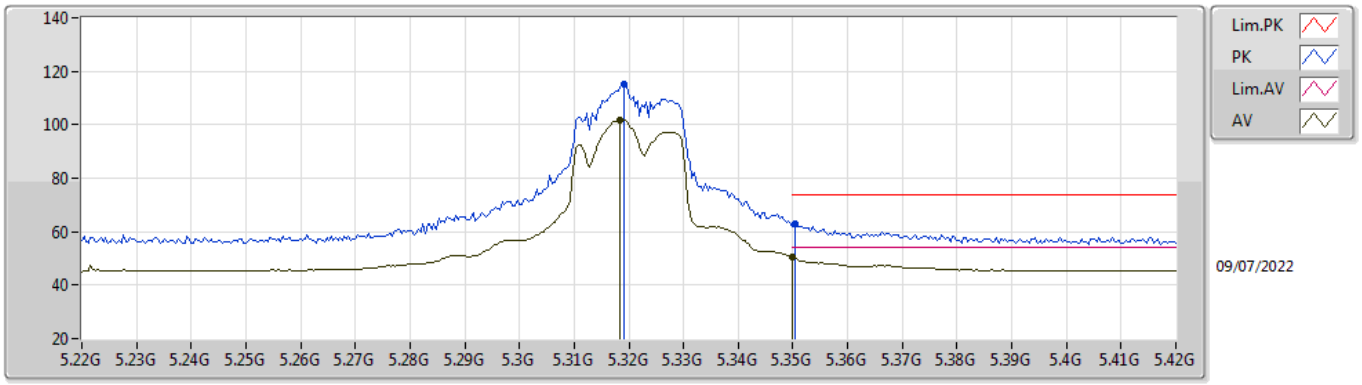


EUT Z_2TX
Setting 20.5
02-B-E-2

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	10.60438G	52.73	74.00	-21.27	38.55	3	Horizontal	30	2.44	-	38.50	7.54	31.86
AV	10.60138G	39.20	54.00	-14.80	25.02	3	Horizontal	30	2.44	-	38.50	7.54	31.86
PK	15.8985G	58.34	74.00	-15.66	42.63	3	Horizontal	133	1.79	-	37.30	9.95	31.54
AV	15.90192G	44.24	54.00	-9.76	28.52	3	Horizontal	133	1.79	-	37.30	9.96	31.54

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

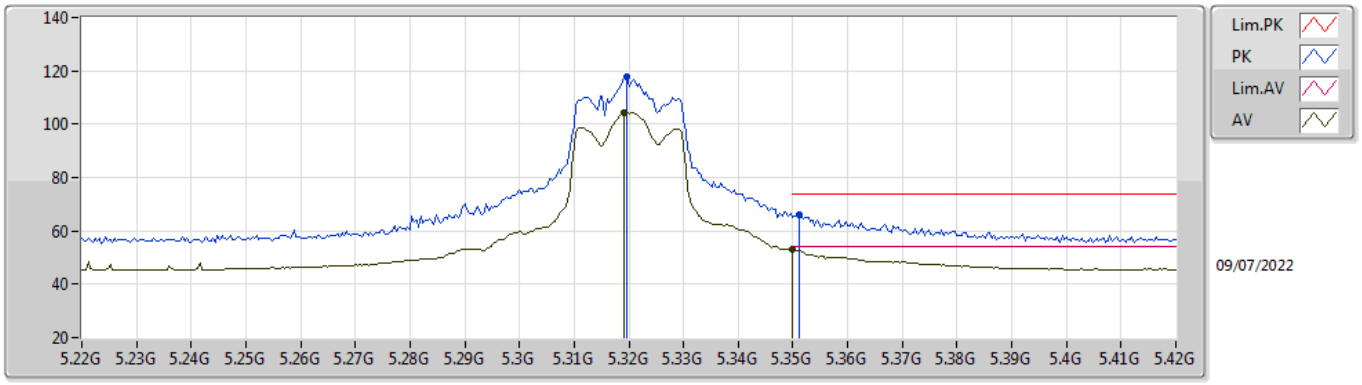


EUT Y_2TX
Setting 18.5
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3192G	114.96	Inf	-Inf	106.48	3	Vertical	0	1.22	-	33.84	5.36	30.72
AV	5.3184G	101.59	Inf	-Inf	93.11	3	Vertical	0	1.22	-	33.84	5.36	30.72
PK	5.3504G	63.11	74.00	-10.89	54.55	3	Vertical	0	1.22	-	33.90	5.38	30.72
AV	5.35G	50.32	54.00	-3.68	41.76	3	Vertical	0	1.22	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

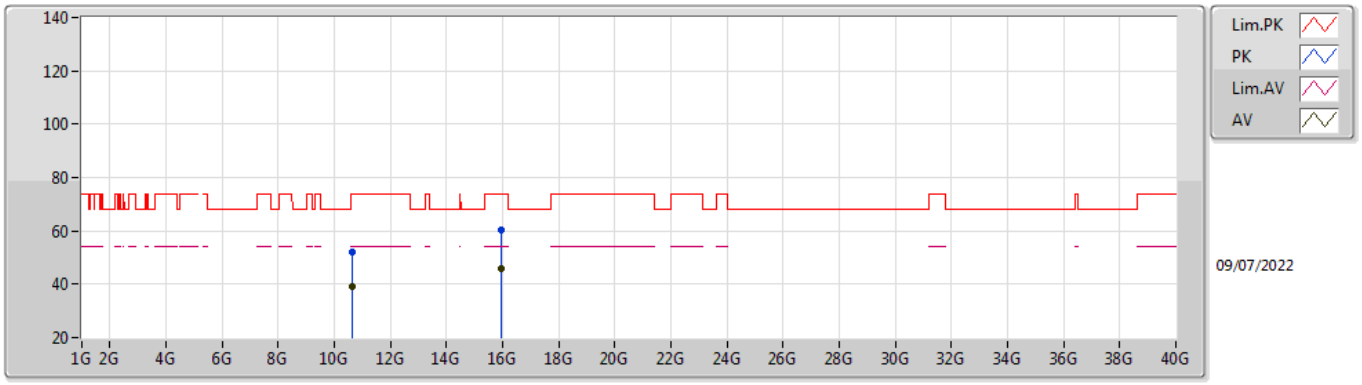


EUT Y_2TX
Setting 18.5
02-B-E-2-10

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	5.3196G	117.52	Inf	-Inf	109.04	3	Horizontal	308	2.21	-	33.84	5.36	30.72
AV	5.3192G	104.26	Inf	-Inf	95.78	3	Horizontal	308	2.21	-	33.84	5.36	30.72
PK	5.3512G	66.05	74.00	-7.95	57.49	3	Horizontal	308	2.21	-	33.90	5.38	30.72
AV	5.35G	52.87	54.00	-1.13	44.31	3	Horizontal	308	2.21	-	33.90	5.38	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

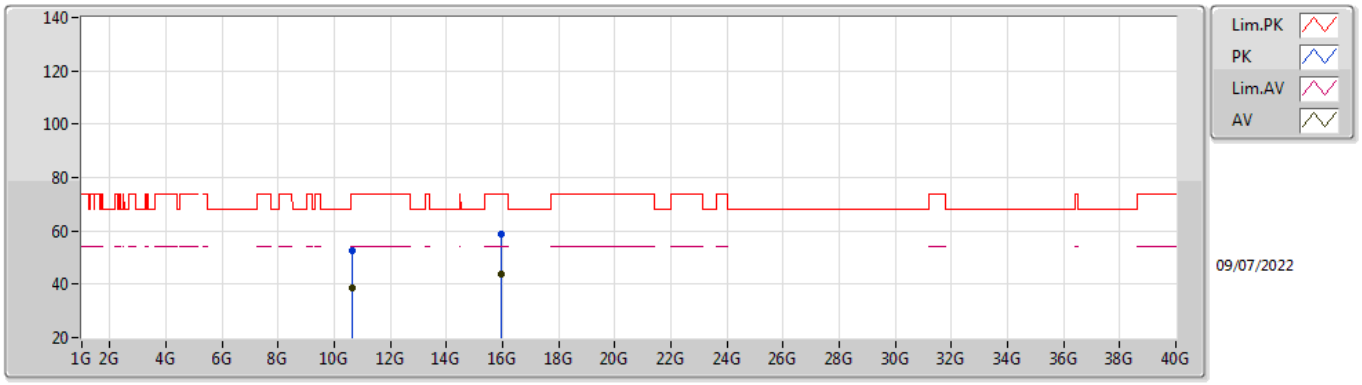


EUT Z_2TX
Setting 18.5
02-B-E-2

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	10.64018G	52.24	74.00	-21.76	38.05	3	Vertical	105	1.74	-	38.50	7.56	31.87
AV	10.63514G	38.95	54.00	-15.05	24.77	3	Vertical	105	1.74	-	38.50	7.55	31.87
PK	15.9633G	60.29	74.00	-13.71	44.58	3	Vertical	126	2.35	-	37.30	9.98	31.57
AV	15.95952G	45.64	54.00	-8.36	29.93	3	Vertical	126	2.35	-	37.30	9.98	31.57

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

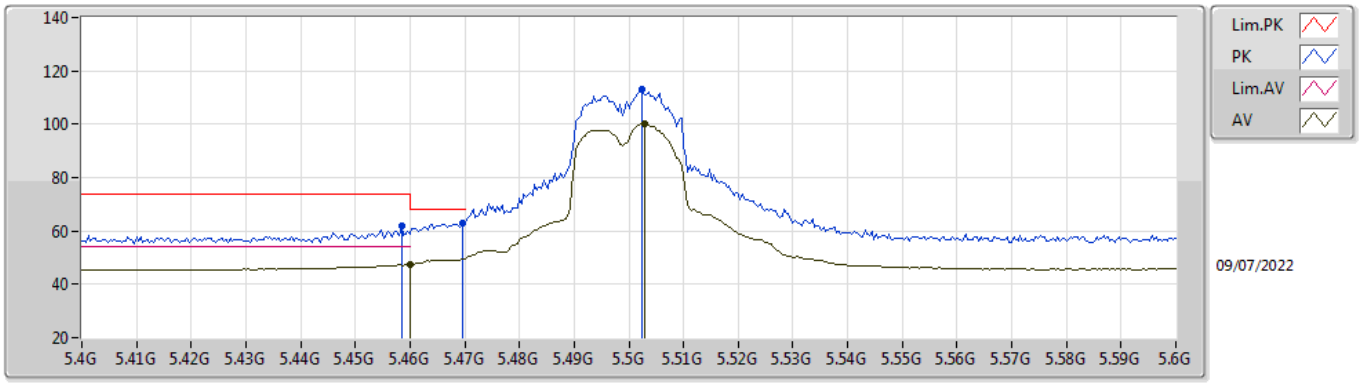


EUT Z_2TX
Setting 18.5
02-B-E-2

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	10.62986G	52.81	74.00	-21.19	38.63	3	Horizontal	49	1.88	-	38.50	7.55	31.87
AV	10.6385G	38.73	54.00	-15.27	24.54	3	Horizontal	49	1.88	-	38.50	7.56	31.87
PK	15.96138G	58.89	74.00	-15.11	43.18	3	Horizontal	136	2.34	-	37.30	9.98	31.57
AV	15.96294G	43.95	54.00	-10.05	28.24	3	Horizontal	136	2.34	-	37.30	9.98	31.57

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

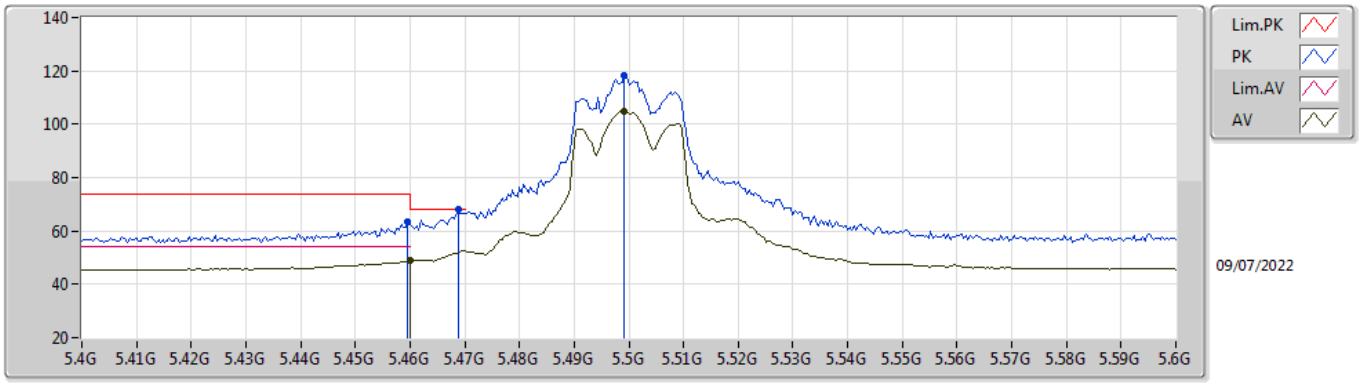


EUT Y_2TX
Setting 18.5
02-B-E-2-10

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	5.4584G	62.05	74.00	-11.95	53.31	3	Vertical	16	1.94	-	34.00	5.46	30.72
AV	5.46G	47.45	54.00	-6.55	38.71	3	Vertical	16	1.94	-	34.00	5.46	30.72
PK	5.4696G	63.08	68.20	-5.12	54.33	3	Vertical	16	1.94	-	34.00	5.47	30.72
PK	5.5024G	112.90	Inf	-Inf	104.12	3	Vertical	16	1.94	-	34.00	5.50	30.72
AV	5.5028G	99.99	Inf	-Inf	91.21	3	Vertical	16	1.94	-	34.00	5.50	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

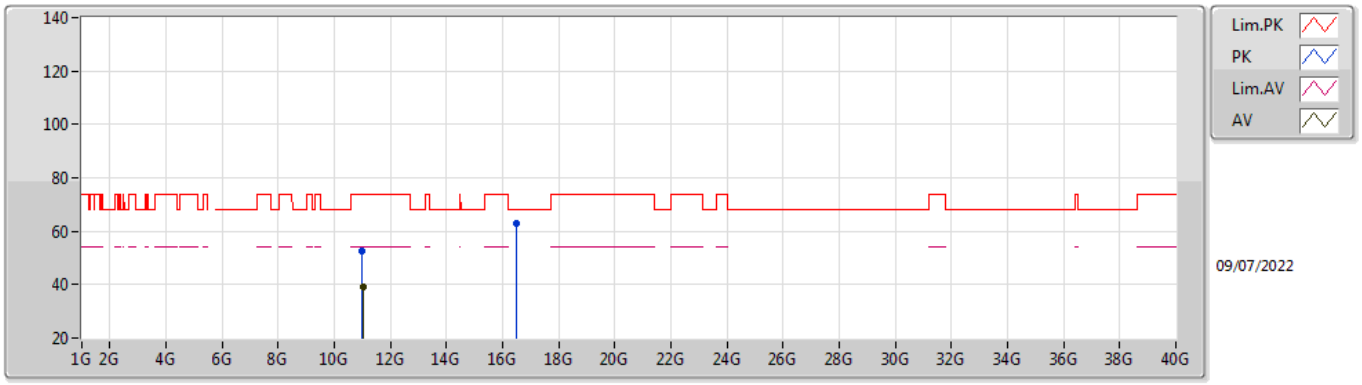


EUT Y_2TX
Setting 18.5
02-B-E-2-10

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	63.49	74.00	-10.51	54.75	3	Horizontal	92	1.60	-	34.00	5.46	30.72
AV	5.46G	48.91	54.00	-5.09	40.17	3	Horizontal	92	1.60	-	34.00	5.46	30.72
PK	5.4688G	67.88	68.20	-0.32	59.13	3	Horizontal	92	1.60	-	34.00	5.47	30.72
PK	5.4992G	118.40	Inf	-Inf	109.62	3	Horizontal	92	1.60	-	34.00	5.50	30.72
AV	5.4992G	105.04	Inf	-Inf	96.26	3	Horizontal	92	1.60	-	34.00	5.50	30.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

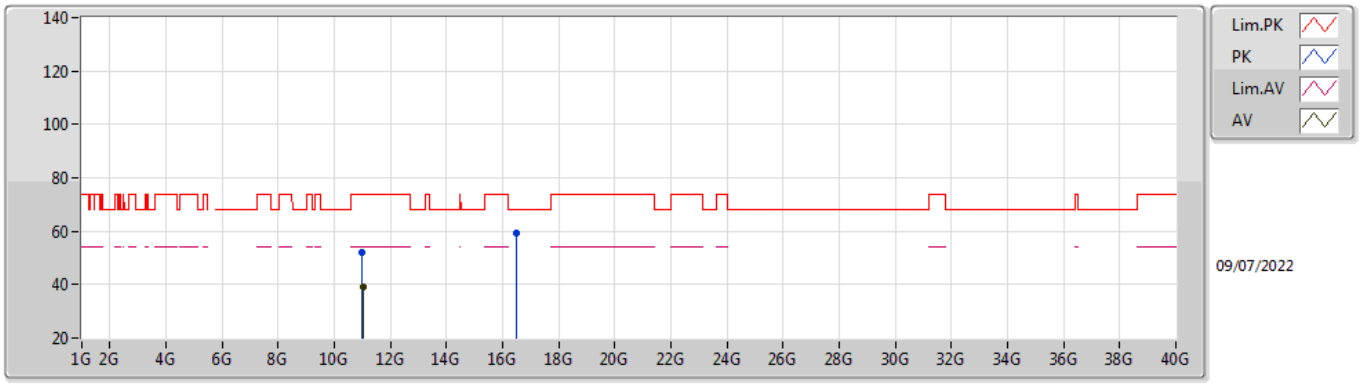


EUT Z_2TX
Setting 18.5
02-B-E-2

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	10.99886G	52.68	74.00	-21.32	38.30	3	Vertical	335	1.06	-	38.60	7.70	31.92
AV	11.00858G	39.31	54.00	-14.69	24.92	3	Vertical	335	1.06	-	38.61	7.70	31.92
PK	16.50288G	63.00	68.20	-5.20	44.62	3	Vertical	29	3.00	-	39.11	10.25	30.98

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

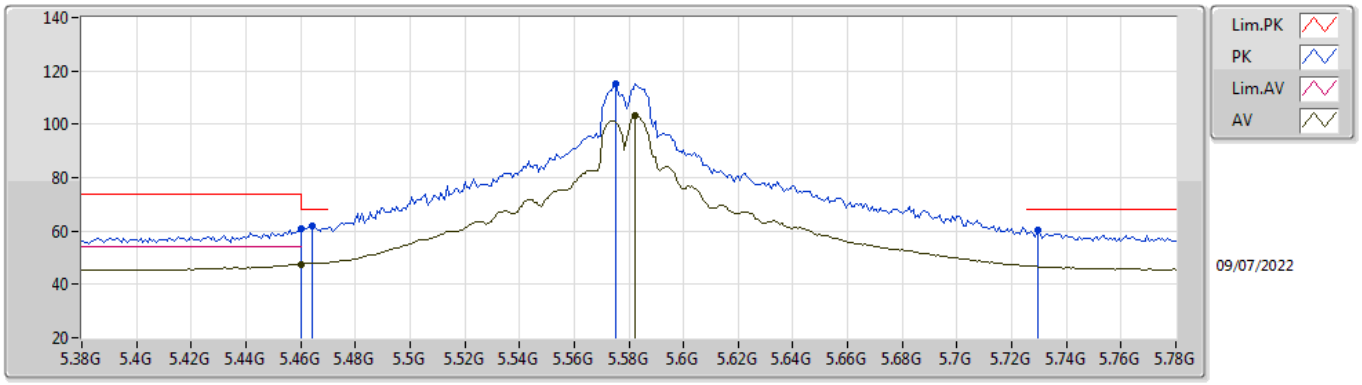


EUT Z_2TX
Setting 18.5
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0072G	52.32	74.00	-21.68	37.93	3	Horizontal	188	2.23	-	38.61	7.70	31.92
AV	11.01482G	39.28	54.00	-14.72	24.89	3	Horizontal	188	2.23	-	38.61	7.71	31.93
PK	16.50486G	59.39	68.20	-8.81	41.00	3	Horizontal	131	2.33	-	39.11	10.25	30.97

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

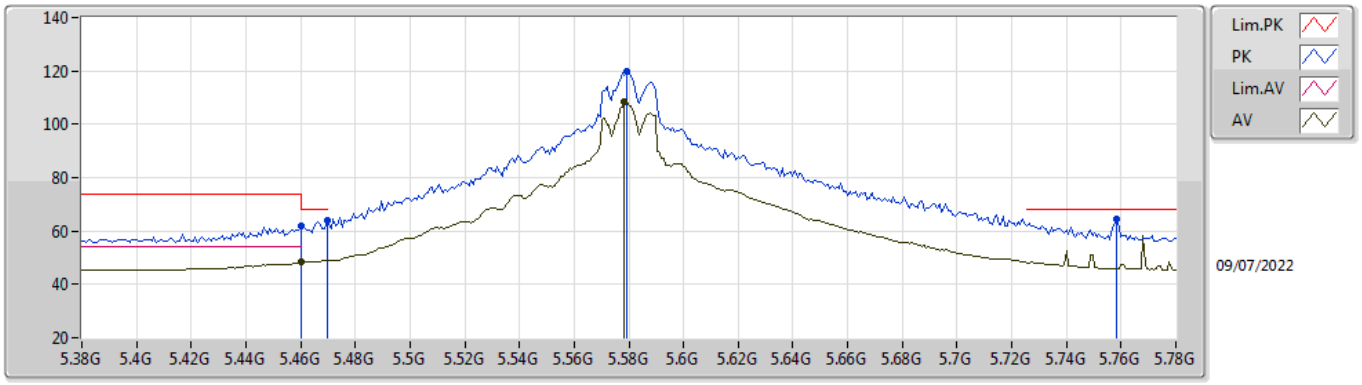


EUT Y_2TX
Setting 22.5
02-B-E-2-10

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	5.46G	60.91	74.00	-13.09	52.17	3	Vertical	14	1.95	-	34.00	5.46	30.72
AV	5.46G	47.55	54.00	-6.45	38.81	3	Vertical	14	1.95	-	34.00	5.46	30.72
PK	5.464G	61.96	68.20	-6.24	53.22	3	Vertical	14	1.95	-	34.00	5.46	30.72
PK	5.5752G	115.27	Inf	-Inf	106.52	3	Vertical	14	1.95	-	33.95	5.58	30.78
AV	5.5824G	103.17	Inf	-Inf	94.43	3	Vertical	14	1.95	-	33.94	5.58	30.78
PK	5.7296G	60.14	68.20	-8.06	51.59	3	Vertical	14	1.95	-	33.84	5.60	30.89

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

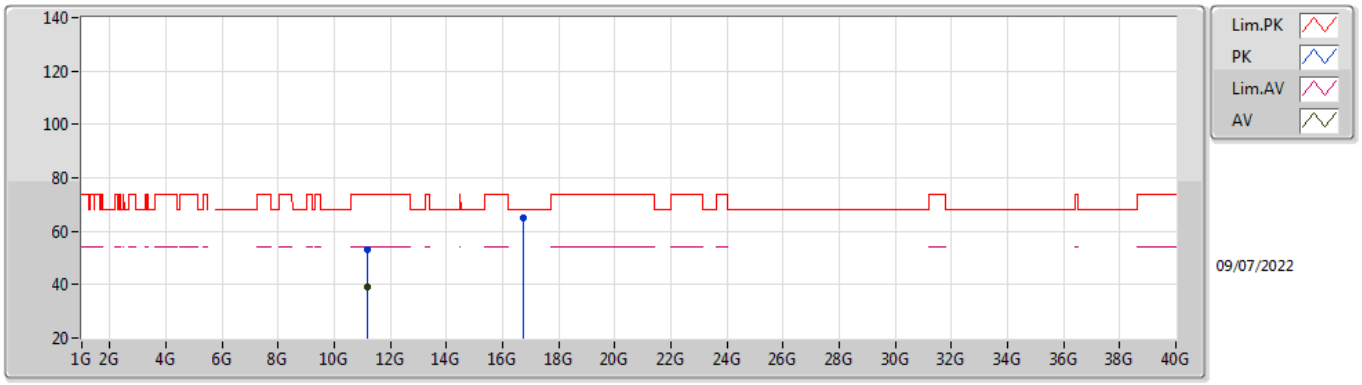


EUT Y_2TX
Setting 22.5
02-B-E-2-10

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	5.46G	61.77	74.00	-12.23	53.03	3	Horizontal	92	1.55	-	34.00	5.46	30.72
AV	5.46G	48.37	54.00	-5.63	39.63	3	Horizontal	92	1.55	-	34.00	5.46	30.72
PK	5.4696G	63.87	68.20	-4.33	55.12	3	Horizontal	92	1.55	-	34.00	5.47	30.72
PK	5.5792G	119.97	Inf	-Inf	111.23	3	Horizontal	92	1.55	-	33.94	5.58	30.78
AV	5.5784G	108.41	Inf	-Inf	99.67	3	Horizontal	92	1.55	-	33.94	5.58	30.78
PK	5.7584G	64.30	68.20	-3.90	55.82	3	Horizontal	92	1.55	-	33.80	5.60	30.92

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

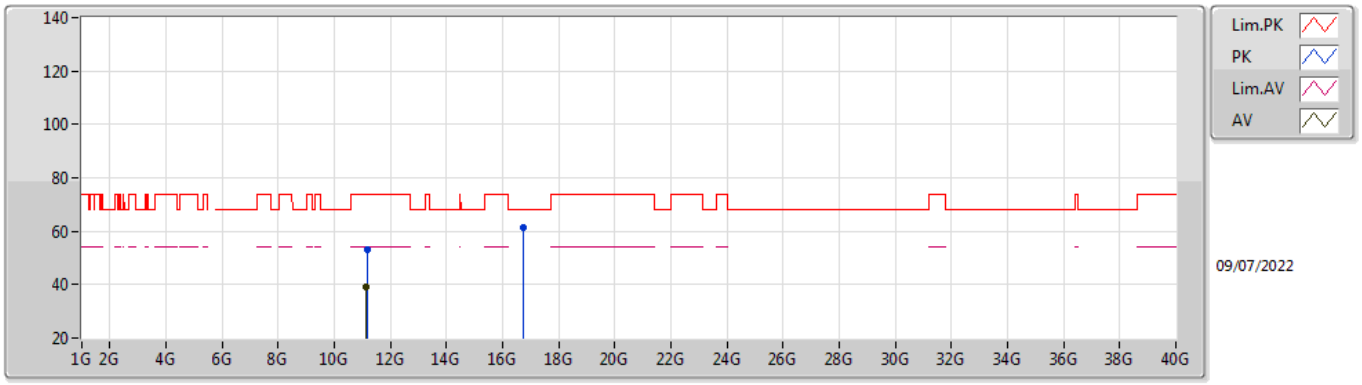


EUT Z_2TX
Setting 22.5
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16102G	53.04	74.00	-20.96	38.50	3	Vertical	219	1.62	-	38.76	7.76	31.98
AV	11.16018G	39.22	54.00	-14.78	24.68	3	Vertical	219	1.62	-	38.76	7.76	31.98
PK	16.73946G	65.23	68.20	-2.97	45.58	3	Vertical	38	2.96	-	39.92	10.37	30.64

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

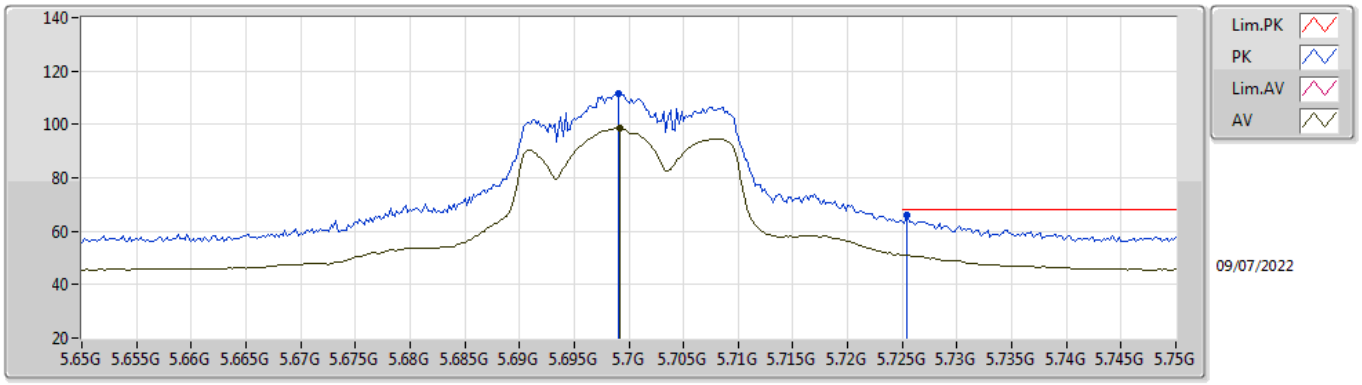


EUT Z_2TX
Setting 22.5
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15976G	52.88	74.00	-21.12	38.34	3	Horizontal	64	1.09	-	38.76	7.76	31.98
AV	11.14632G	39.04	54.00	-14.96	24.51	3	Horizontal	64	1.09	-	38.75	7.76	31.98
PK	16.7418G	61.39	68.20	-6.81	41.72	3	Horizontal	125	1.80	-	39.93	10.37	30.63

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

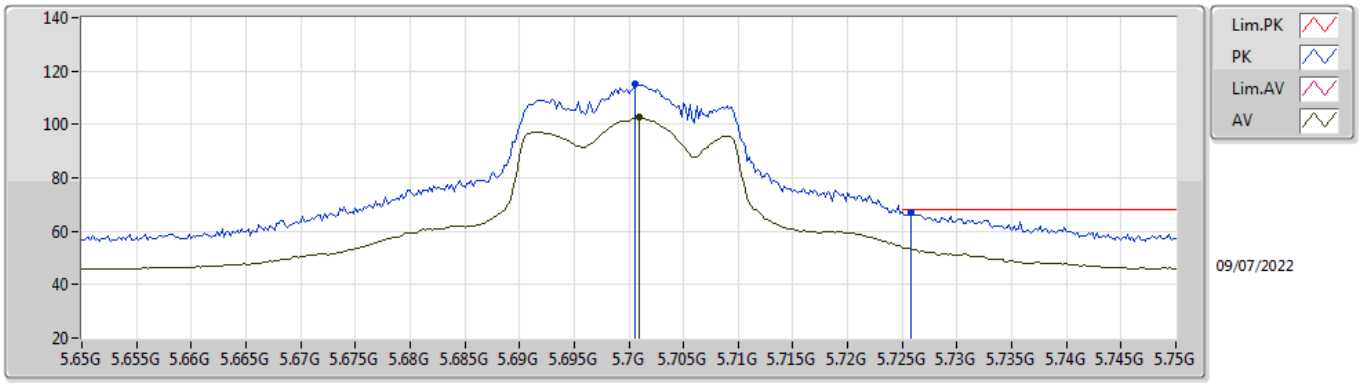


EUT Y_2TX
Setting 17.5
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.699G	111.80	Inf	-Inf	103.17	3	Vertical	353	1.96	-	33.90	5.60	30.87
AV	5.6992G	98.42	Inf	-Inf	89.79	3	Vertical	353	1.96	-	33.90	5.60	30.87
PK	5.7254G	66.12	68.20	-2.08	57.56	3	Vertical	353	1.96	-	33.85	5.60	30.89

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

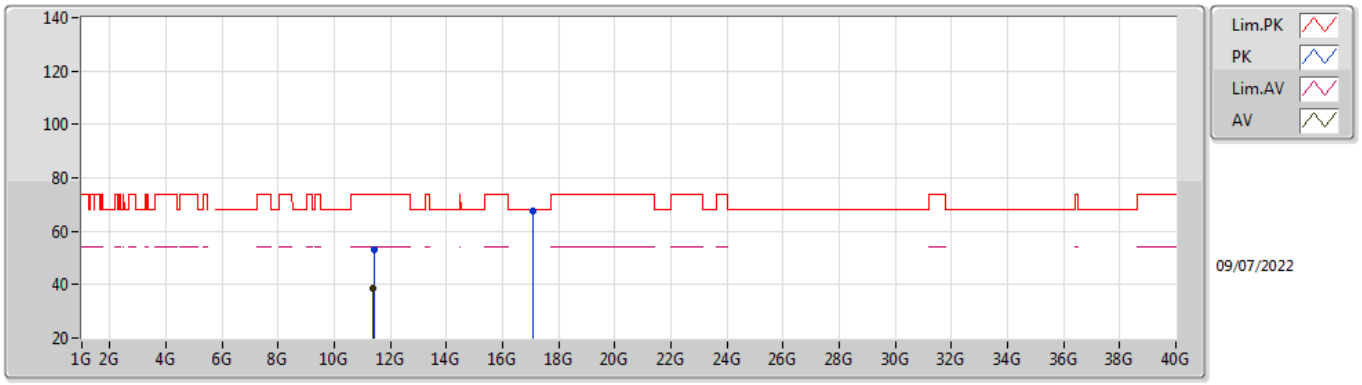


EUT Y_2TX
Setting 17.5
02-B-E-2-10

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	5.7006G	115.13	Inf	-Inf	106.50	3	Horizontal	62	2.06	-	33.90	5.60	30.87
AV	5.701G	102.53	Inf	-Inf	93.90	3	Horizontal	62	2.06	-	33.90	5.60	30.87
PK	5.7258G	67.11	68.20	-1.09	58.55	3	Horizontal	62	2.06	-	33.85	5.60	30.89

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

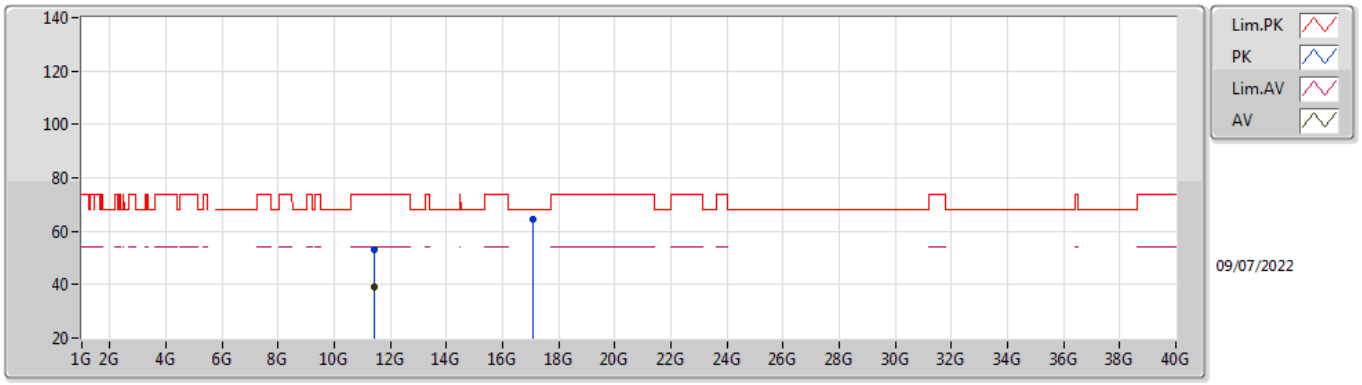


EUT Z_2TX
Setting 17.5
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40918G	53.08	74.00	-20.92	38.48	3	Vertical	45	2.59	-	38.82	7.86	32.08
AV	11.3913G	38.84	54.00	-15.16	24.26	3	Vertical	45	2.59	-	38.80	7.86	32.08
PK	17.09826G	67.35	68.20	-0.85	45.66	3	Vertical	133	2.97	-	41.39	10.55	30.25

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

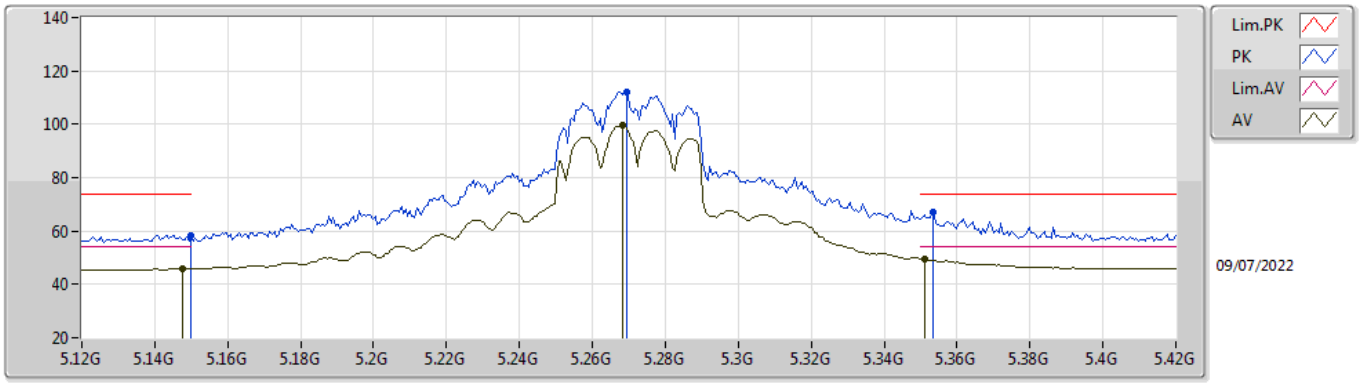


EUT Z_2TX
Setting 17.5
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40366G	52.99	74.00	-21.01	38.40	3	Horizontal	36	1.48	-	38.81	7.86	32.08
AV	11.4099G	38.95	54.00	-15.05	24.35	3	Horizontal	36	1.48	-	38.82	7.86	32.08
PK	17.1G	64.38	68.20	-3.82	42.68	3	Horizontal	124	1.79	-	41.40	10.55	30.25

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

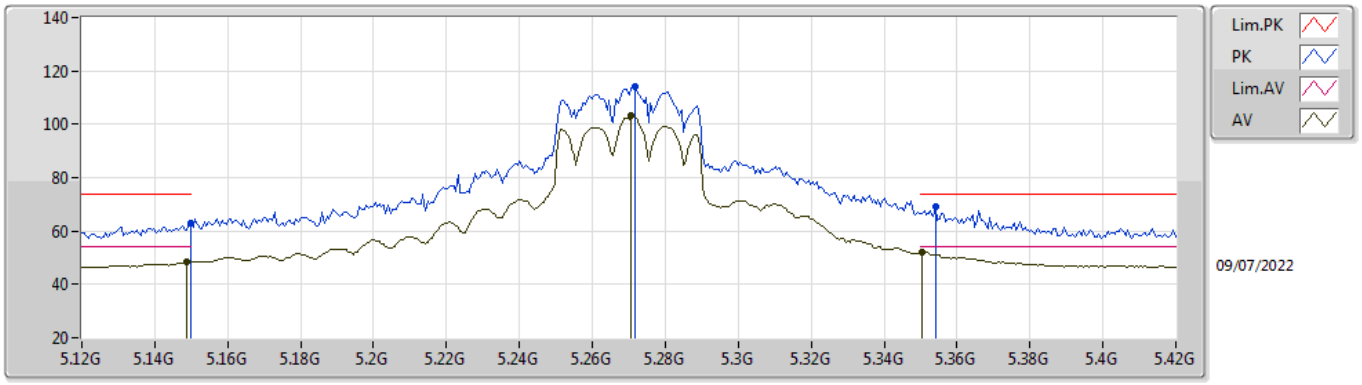


EUT Y_2TX
Setting 20
02-B-E-2-10

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	5.15G	58.46	74.00	-15.54	50.34	3	Vertical	360	1.27	-	33.60	5.25	30.73
AV	5.1476G	45.96	54.00	-8.04	37.84	3	Vertical	360	1.27	-	33.60	5.25	30.73
PK	5.2694G	112.27	Inf	-Inf	103.92	3	Vertical	360	1.27	-	33.74	5.33	30.72
AV	5.2682G	99.78	Inf	-Inf	91.43	3	Vertical	360	1.27	-	33.74	5.33	30.72
PK	5.3534G	67.01	74.00	-6.99	58.44	3	Vertical	360	1.27	-	33.91	5.38	30.72
AV	5.351G	49.72	54.00	-4.28	41.16	3	Vertical	360	1.27	-	33.90	5.38	30.72

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

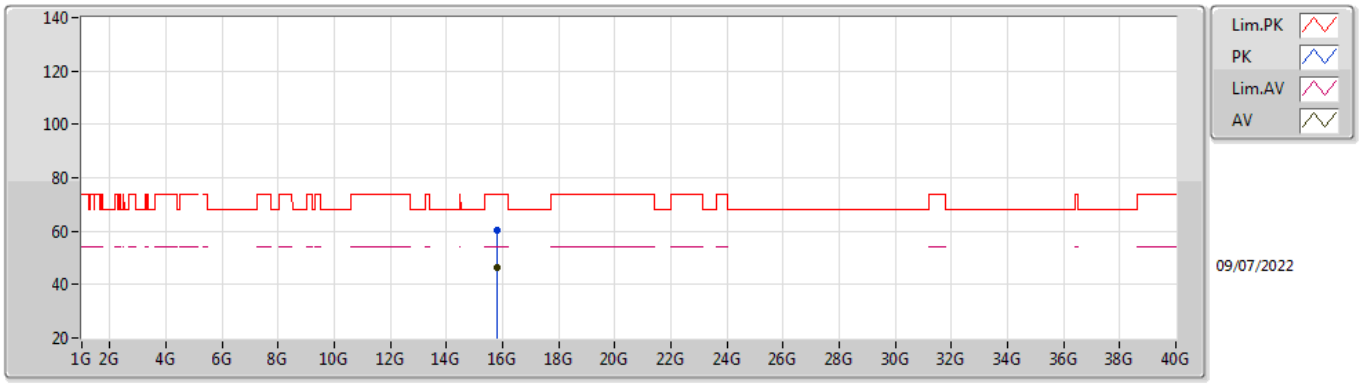


EUT Y_2TX
Setting 20
02-B-E-2-10

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	5.15G	62.83	74.00	-11.17	54.71	3	Horizontal	300	2.24	-	33.60	5.25	30.73
AV	5.1488G	48.45	54.00	-5.55	40.33	3	Horizontal	300	2.24	-	33.60	5.25	30.73
PK	5.2718G	114.07	Inf	-Inf	105.71	3	Horizontal	300	2.24	-	33.74	5.34	30.72
AV	5.2706G	103.09	Inf	-Inf	94.73	3	Horizontal	300	2.24	-	33.74	5.34	30.72
PK	5.354G	68.94	74.00	-5.06	60.37	3	Horizontal	300	2.24	-	33.91	5.38	30.72
AV	5.3504G	51.98	54.00	-2.02	43.42	3	Horizontal	300	2.24	-	33.90	5.38	30.72

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

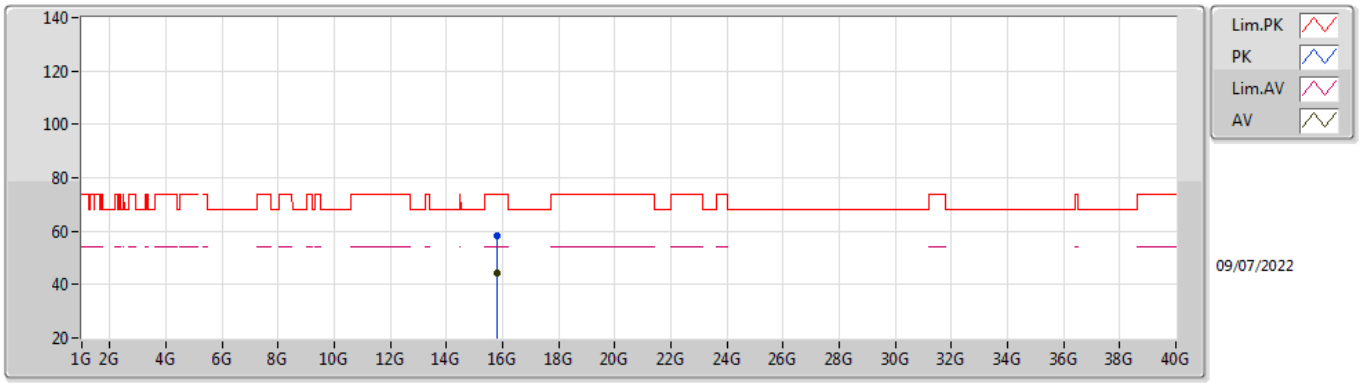


EUT Z_2TX
Setting 20
02-B-E-2

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	15.80604G	60.17	74.00	-13.83	44.26	3	Vertical	38	2.30	-	37.49	9.91	31.49
AV	15.81594G	46.53	54.00	-7.47	30.63	3	Vertical	38	2.30	-	37.47	9.92	31.49

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

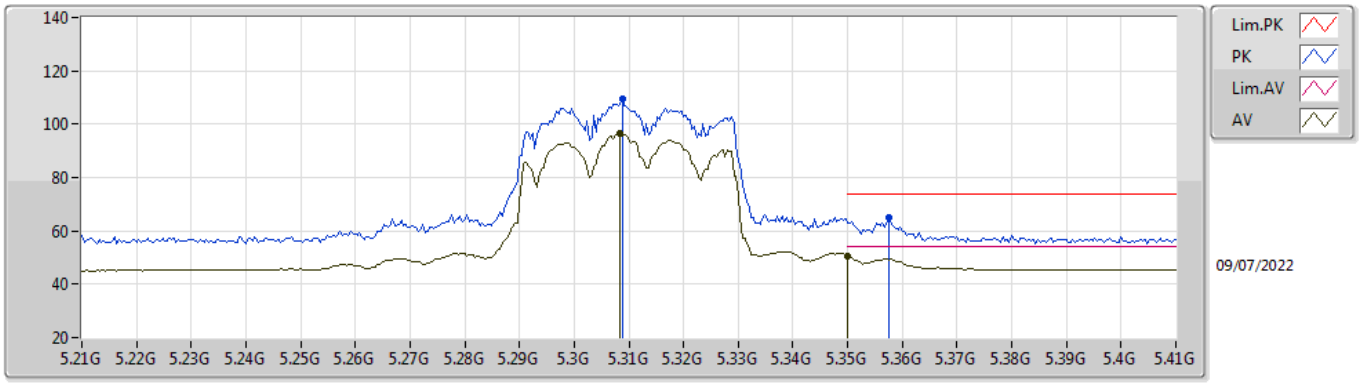


EUT Z_2TX
Setting 20
02-B-E-2

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	15.81654G	58.08	74.00	-15.92	42.18	3	Horizontal	140	2.35	-	37.47	9.92	31.49
AV	15.81372G	44.14	54.00	-9.86	28.24	3	Horizontal	140	2.35	-	37.47	9.92	31.49

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

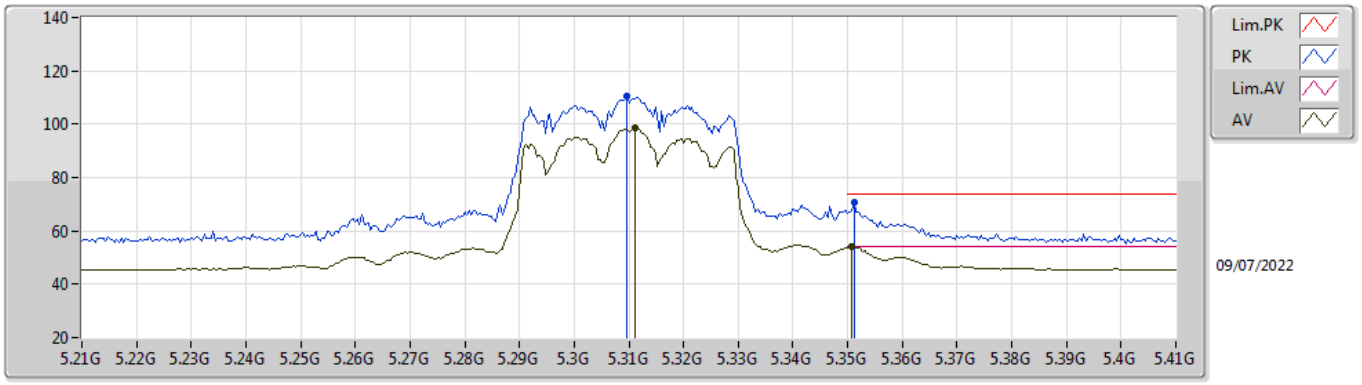


EUT Y_2TX
Setting 16
02-B-E-2-10

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	5.3088G	109.41	Inf	-Inf	100.96	3	Vertical	354	1.24	-	33.82	5.35	30.72
AV	5.3084G	96.73	Inf	-Inf	88.28	3	Vertical	354	1.24	-	33.82	5.35	30.72
PK	5.3576G	64.76	74.00	-9.24	56.18	3	Vertical	354	1.24	-	33.92	5.38	30.72
AV	5.35G	50.55	54.00	-3.45	41.99	3	Vertical	354	1.24	-	33.90	5.38	30.72

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

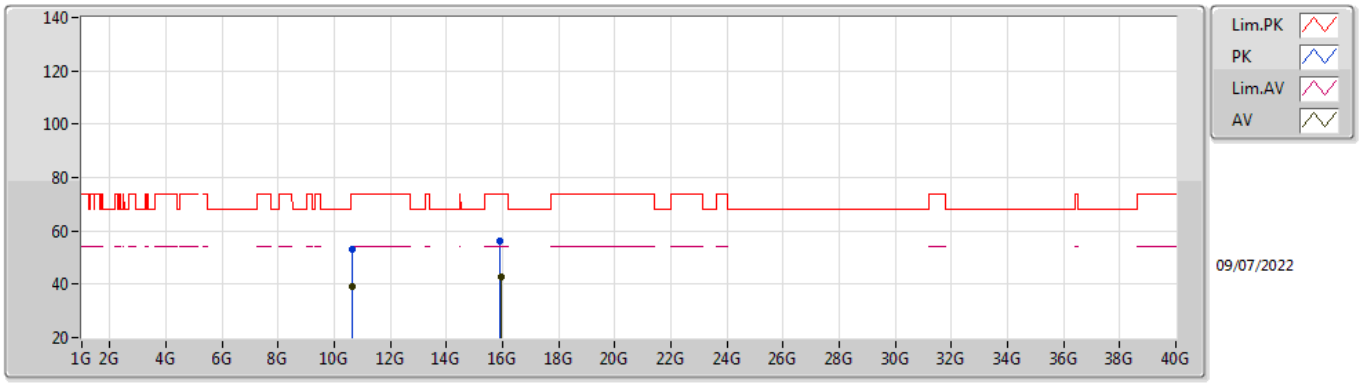


EUT Y_2TX
Setting 16
02-B-E-2-10

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	5.3096G	110.57	Inf	-Inf	102.12	3	Horizontal	299	2.12	-	33.82	5.35	30.72
AV	5.3112G	98.77	Inf	-Inf	90.31	3	Horizontal	299	2.12	-	33.82	5.36	30.72
PK	5.3512G	70.70	74.00	-3.30	62.14	3	Horizontal	299	2.12	-	33.90	5.38	30.72
AV	5.3508G	53.97	54.00	-0.03	45.41	3	Horizontal	299	2.12	-	33.90	5.38	30.72

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

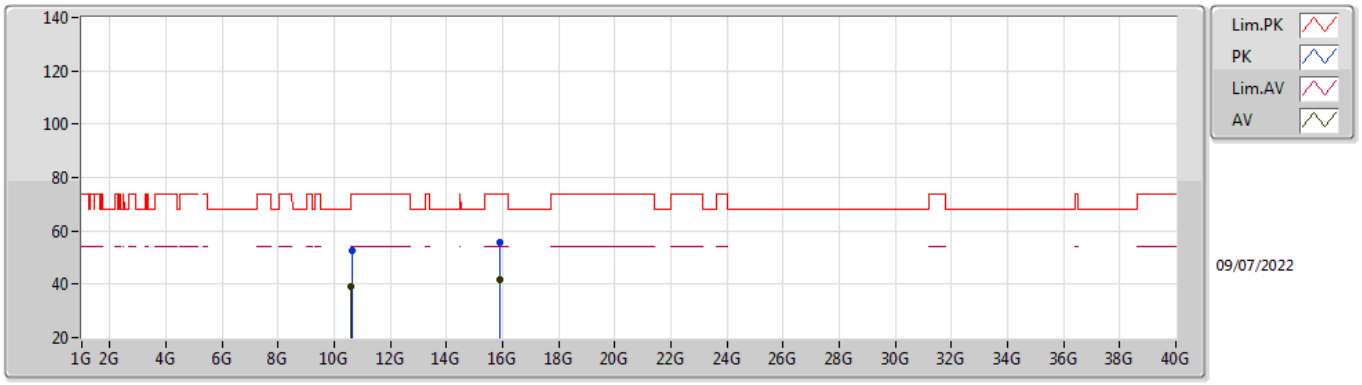


EUT Z_2TX
Setting 16
02-B-E-2

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	10.61694G	53.08	74.00	-20.92	38.90	3	Vertical	224	2.52	-	38.50	7.55	31.87
AV	10.61988G	39.04	54.00	-14.96	24.86	3	Vertical	224	2.52	-	38.50	7.55	31.87
PK	15.9255G	56.43	74.00	-17.57	40.71	3	Vertical	51	1.66	-	37.30	9.97	31.55
AV	15.92838G	42.58	54.00	-11.42	26.86	3	Vertical	51	1.66	-	37.30	9.97	31.55

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

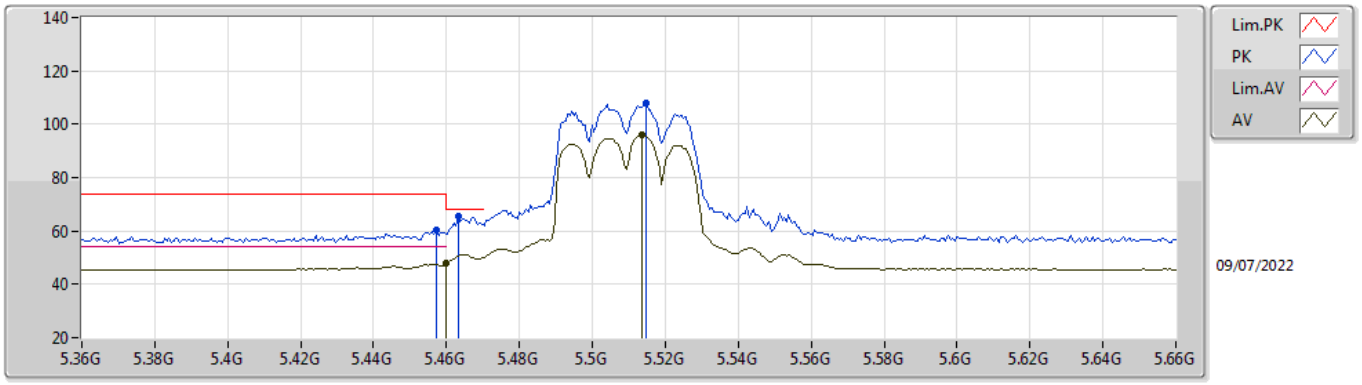


EUT Z_2TX
Setting 16
02-B-E-2

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	10.63134G	52.41	74.00	-21.59	38.23	3	Horizontal	341	2.97	-	38.50	7.55	31.87
AV	10.6092G	38.93	54.00	-15.07	24.76	3	Horizontal	341	2.97	-	38.50	7.54	31.87
PK	15.92574G	55.63	74.00	-18.37	39.91	3	Horizontal	140	2.73	-	37.30	9.97	31.55
AV	15.9252G	41.77	54.00	-12.23	26.05	3	Horizontal	140	2.73	-	37.30	9.97	31.55

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

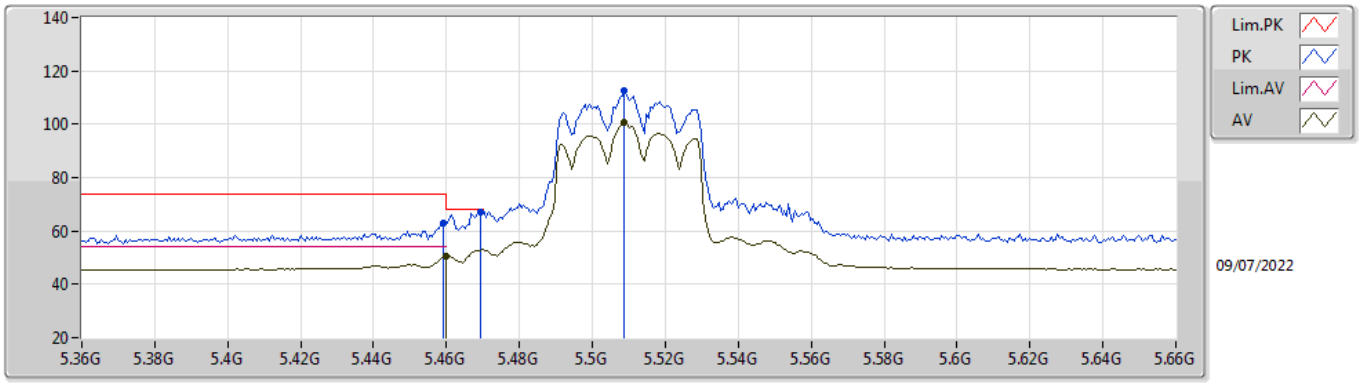


EUT Y_2TX
Setting 16
02-B-E-2-10

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	5.4572G	60.22	74.00	-13.78	51.48	3	Vertical	12	1.80	-	34.00	5.46	30.72
AV	5.46G	47.79	54.00	-6.21	39.05	3	Vertical	12	1.80	-	34.00	5.46	30.72
PK	5.4632G	65.30	68.20	-2.90	56.56	3	Vertical	12	1.80	-	34.00	5.46	30.72
PK	5.5148G	107.92	Inf	-Inf	99.14	3	Vertical	12	1.80	-	34.00	5.51	30.73
AV	5.5136G	95.99	Inf	-Inf	87.21	3	Vertical	12	1.80	-	34.00	5.51	30.73

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

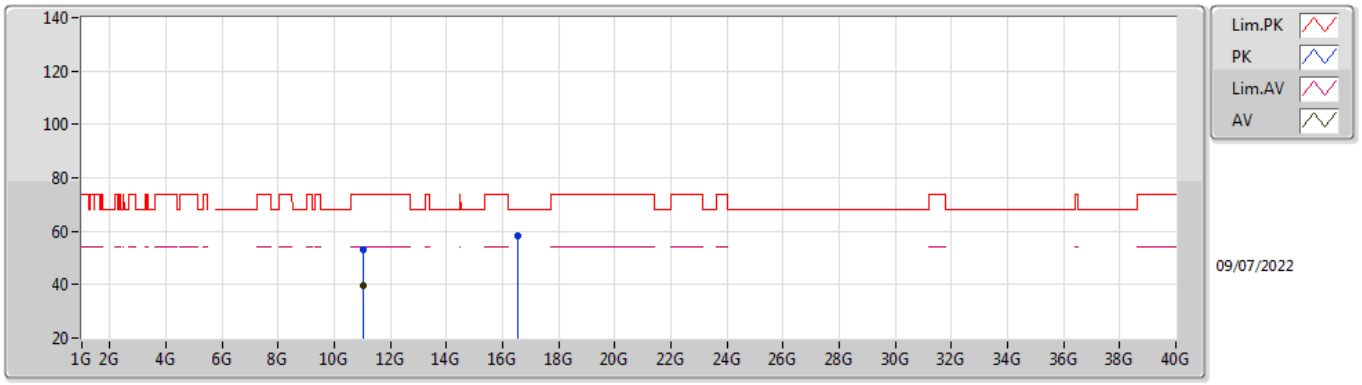


EUT Y_2TX
Setting 16
02-B-E-2-10

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	5.459G	63.12	74.00	-10.88	54.38	3	Horizontal	92	1.49	-	34.00	5.46	30.72
AV	5.46G	50.56	54.00	-3.44	41.82	3	Horizontal	92	1.49	-	34.00	5.46	30.72
PK	5.4692G	67.09	68.20	-1.11	58.34	3	Horizontal	92	1.49	-	34.00	5.47	30.72
PK	5.5088G	112.73	Inf	-Inf	103.95	3	Horizontal	92	1.49	-	34.00	5.51	30.73
AV	5.5088G	100.45	Inf	-Inf	91.67	3	Horizontal	92	1.49	-	34.00	5.51	30.73

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

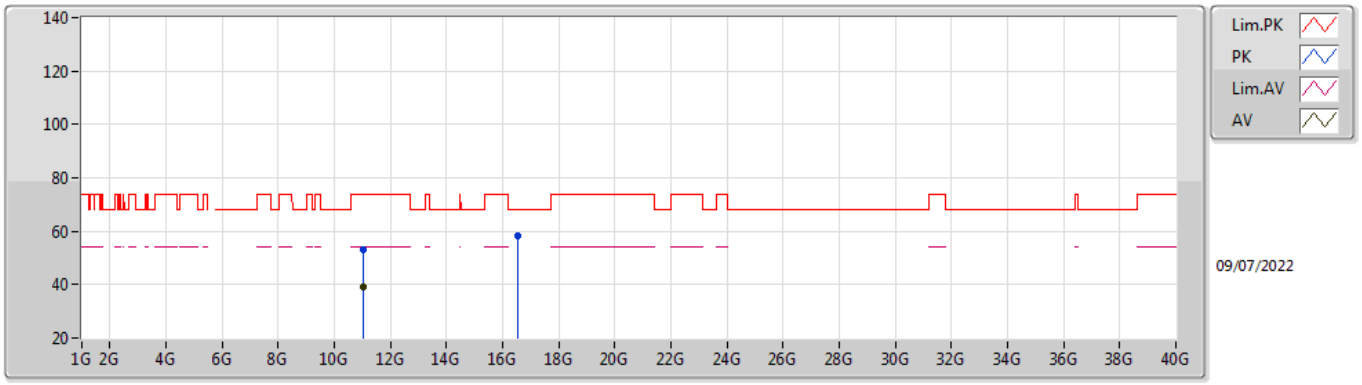


EUT Z_2TX
Setting 16
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.02666G	53.11	74.00	-20.89	38.70	3	Vertical	143	2.67	-	38.63	7.71	31.93
AV	11.0185G	39.44	54.00	-14.56	25.04	3	Vertical	143	2.67	-	38.62	7.71	31.93
PK	16.53306G	58.42	68.20	-9.78	39.88	3	Vertical	33	2.42	-	39.20	10.27	30.93

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

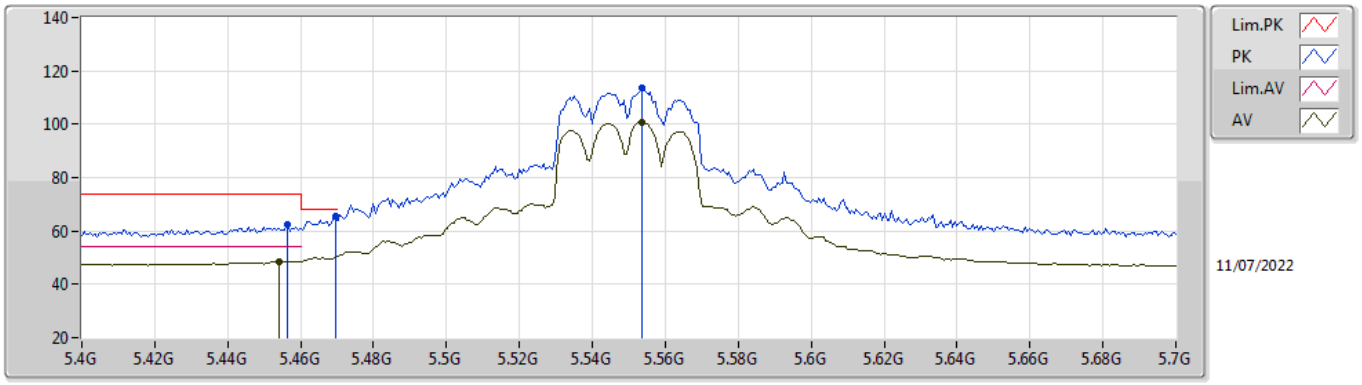


EUT Z_2TX
Setting 16
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.02768G	52.91	74.00	-21.09	38.50	3	Horizontal	214	2.76	-	38.63	7.71	31.93
AV	11.02792G	39.29	54.00	-14.71	24.88	3	Horizontal	214	2.76	-	38.63	7.71	31.93
PK	16.53396G	58.19	68.20	-10.01	39.65	3	Horizontal	170	1.33	-	39.20	10.27	30.93

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

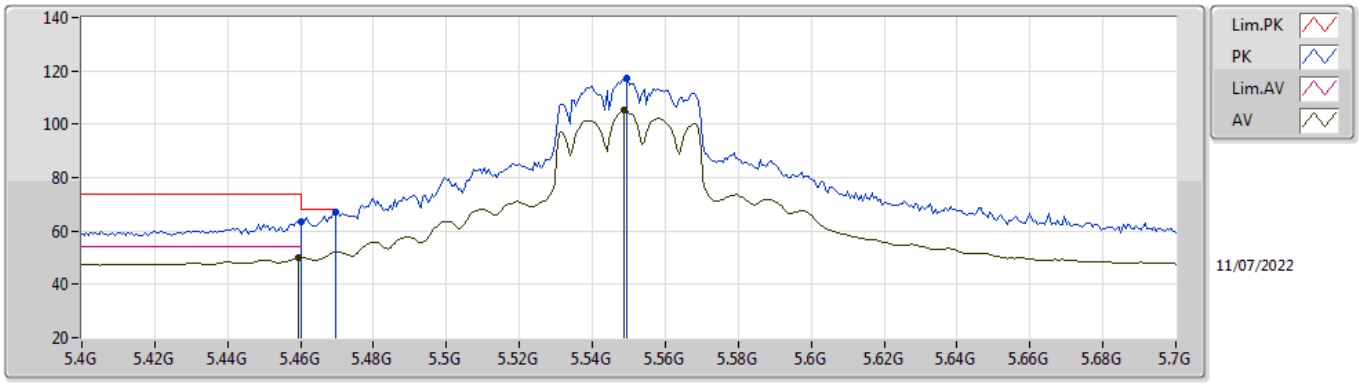


EUT Y_2TX
Setting 19.5
03-D-K-3-10

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	5.4564G	62.26	74.00	-11.74	55.35	3	Vertical	15	1.96	-	34.51	7.26	34.86
AV	5.454G	48.51	54.00	-5.49	41.61	3	Vertical	15	1.96	-	34.51	7.25	34.86
PK	5.4696G	65.49	68.20	-2.71	58.54	3	Vertical	15	1.96	-	34.54	7.27	34.86
PK	5.5536G	113.87	Inf	-Inf	106.79	3	Vertical	15	1.96	-	34.60	7.35	34.87
AV	5.5536G	100.82	Inf	-Inf	93.74	3	Vertical	15	1.96	-	34.60	7.35	34.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

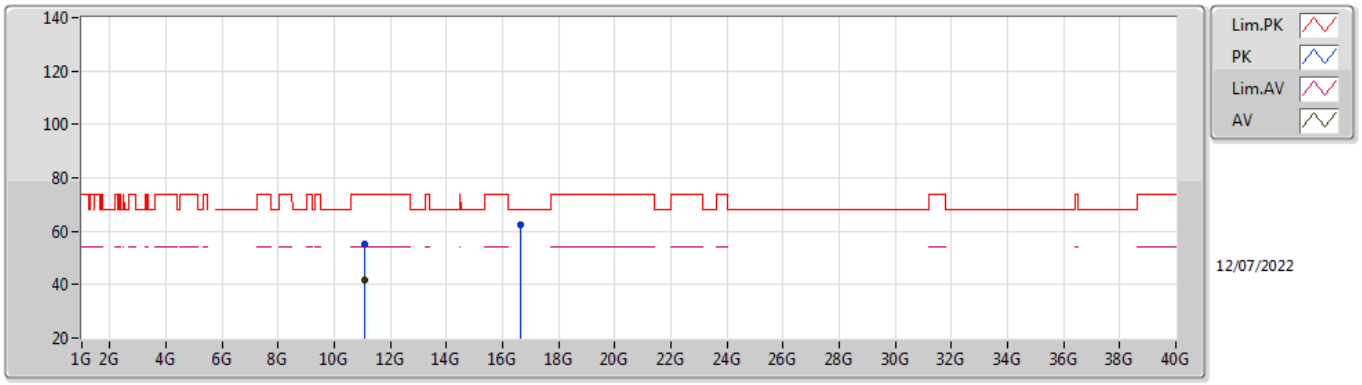


EUT Y_2TX
Setting 19.5
03-D-K-3-10

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	5.46G	63.68	74.00	-10.32	56.76	3	Horizontal	99	1.84	-	34.52	7.26	34.86
AV	5.4594G	49.85	54.00	-4.15	42.93	3	Horizontal	99	1.84	-	34.52	7.26	34.86
PK	5.4696G	67.24	68.20	-0.96	60.29	3	Horizontal	99	1.84	-	34.54	7.27	34.86
PK	5.5494G	117.03	Inf	-Inf	109.95	3	Horizontal	99	1.84	-	34.60	7.35	34.87
AV	5.5488G	105.43	Inf	-Inf	98.35	3	Horizontal	99	1.84	-	34.60	7.35	34.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

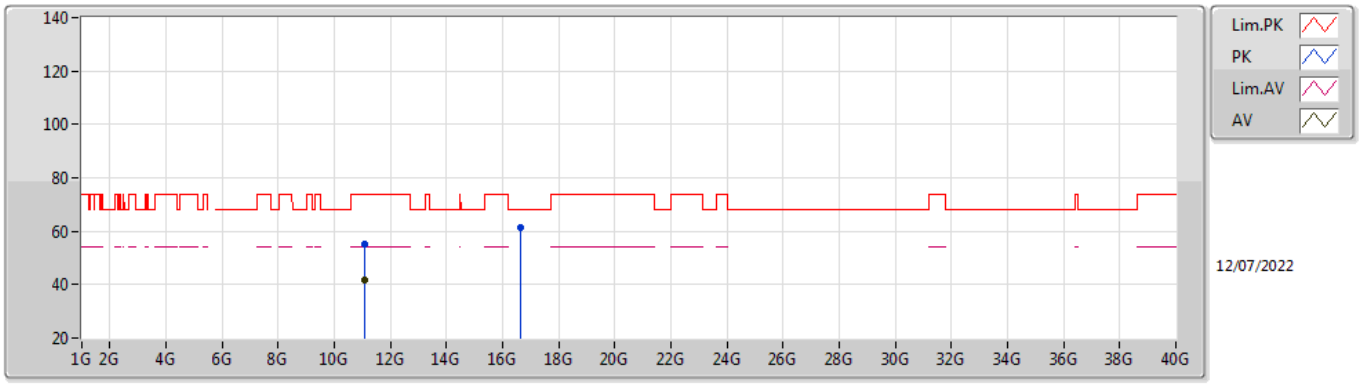


EUT Z_2TX
Setting 19.5
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.10389G	55.37	74.00	-18.63	40.99	3	Vertical	156	1.39	-	38.50	10.67	34.79
AV	11.09608G	41.74	54.00	-12.26	27.37	3	Vertical	156	1.39	-	38.50	10.66	34.79
PK	16.64992G	62.40	68.20	-5.80	44.05	3	Vertical	238	1.79	-	38.80	13.85	34.30

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

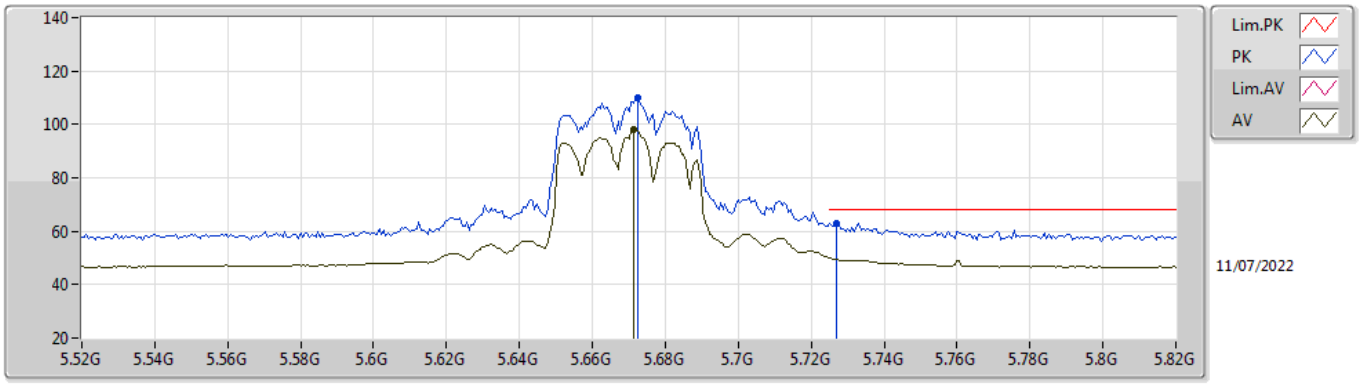


EUT Z_2TX
Setting 19.5
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09734G	55.41	74.00	-18.59	41.04	3	Horizontal	197	3.00	-	38.50	10.66	34.79
AV	11.09782G	41.64	54.00	-12.36	27.27	3	Horizontal	197	3.00	-	38.50	10.66	34.79
PK	16.64811G	61.59	68.20	-6.61	43.24	3	Horizontal	103	2.73	-	38.80	13.85	34.30

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

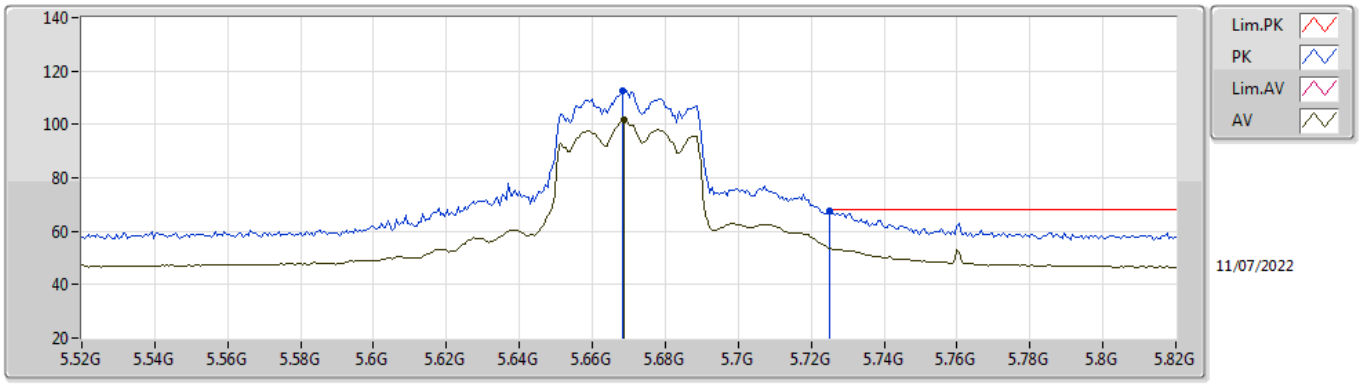


EUT Y_2TX
Setting 17.5
03-D-K-3-10

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	5.6724G	109.83	Inf	-Inf	102.92	3	Vertical	346	1.11	-	34.41	7.40	34.90
AV	5.6712G	98.08	Inf	-Inf	91.16	3	Vertical	346	1.11	-	34.42	7.40	34.90
PK	5.727G	63.16	68.20	-5.04	56.42	3	Vertical	346	1.11	-	34.25	7.40	34.91

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

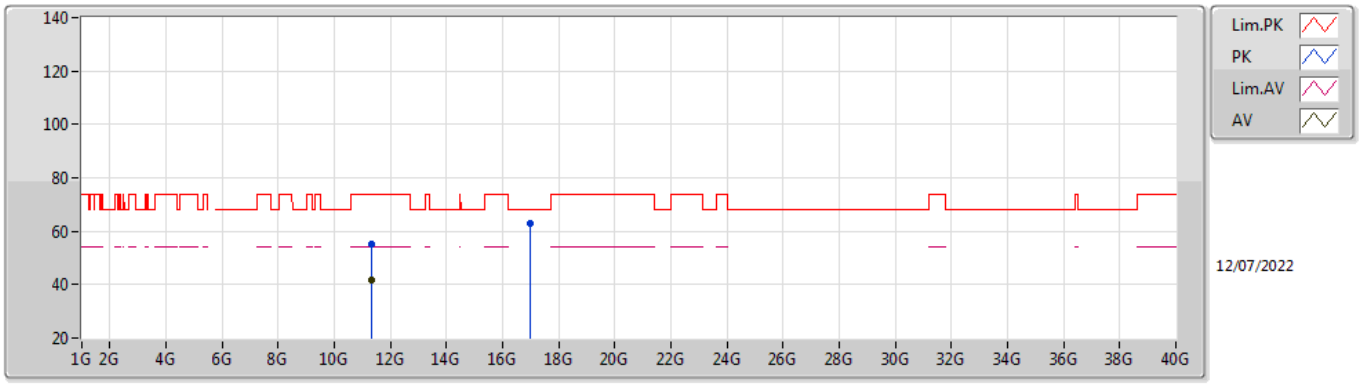


EUT Y_2TX
Setting 17.5
03-D-K-3-10

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	5.6682G	112.59	Inf	-Inf	105.66	3	Horizontal	95	1.95	-	34.43	7.40	34.90
AV	5.6688G	101.55	Inf	-Inf	94.63	3	Horizontal	95	1.95	-	34.42	7.40	34.90
PK	5.7252G	67.54	68.20	-0.66	60.80	3	Horizontal	95	1.95	-	34.25	7.40	34.91

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

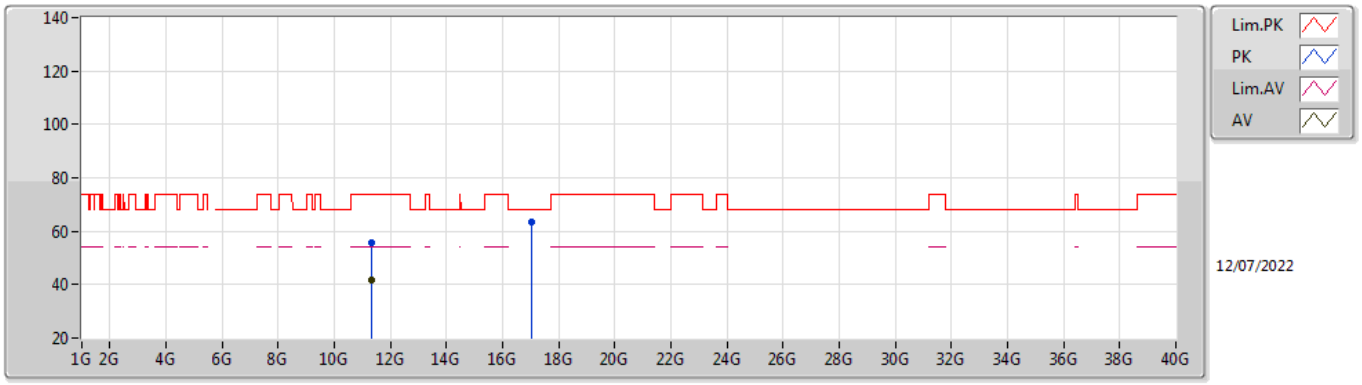


EUT Z_2TX
Setting 17.5
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33747G	55.28	74.00	-18.72	40.67	3	Vertical	335	1.39	-	38.74	10.70	34.83
AV	11.34227G	41.88	54.00	-12.12	27.27	3	Vertical	335	1.39	-	38.74	10.70	34.83
PK	17.00691G	63.07	68.20	-5.13	43.12	3	Vertical	147	2.66	-	39.92	14.10	34.07

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

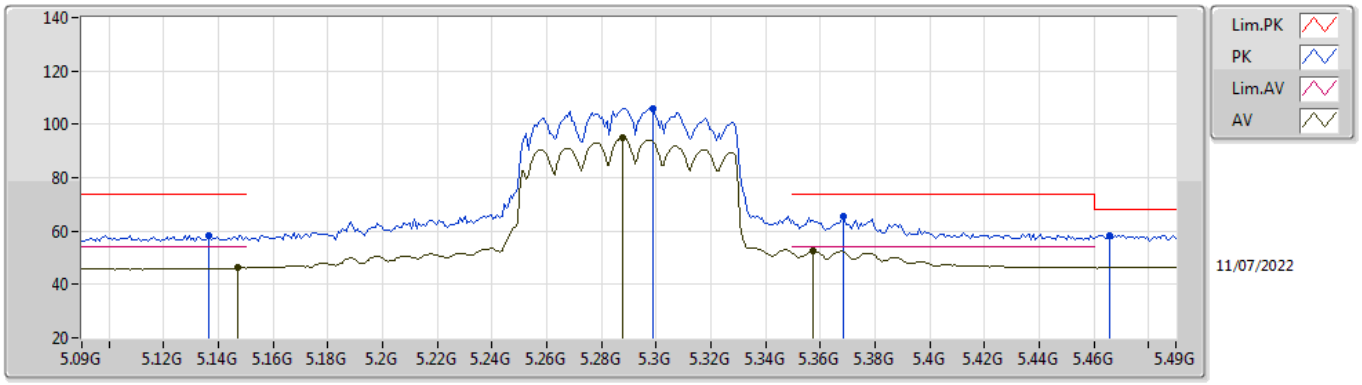


EUT Z_2TX
Setting 17.5
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33766G	55.50	74.00	-18.50	40.89	3	Horizontal	217	1.22	-	38.74	10.70	34.83
AV	11.34181G	41.79	54.00	-12.21	27.18	3	Horizontal	217	1.22	-	38.74	10.70	34.83
PK	17.0103G	63.40	68.20	-4.80	43.43	3	Horizontal	270	1.41	-	39.93	14.11	34.07

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

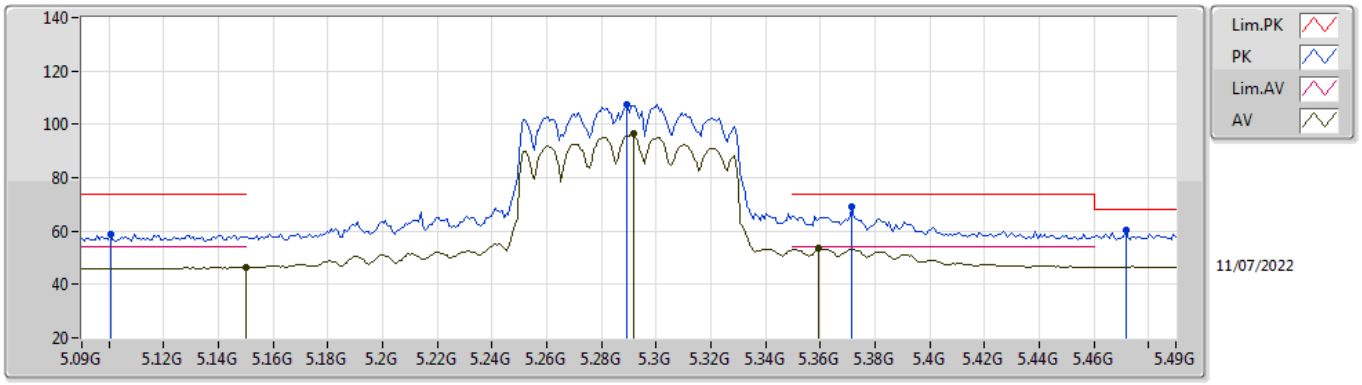


EUT Y_2TX
Setting 16
03-D-K-3-10

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	5.1364G	58.23	74.00	-15.77	51.97	3	Vertical	46	1.00	-	33.97	7.17	34.88
AV	5.1468G	46.16	54.00	-7.84	39.88	3	Vertical	46	1.00	-	33.99	7.17	34.88
PK	5.2988G	106.12	Inf	-Inf	99.29	3	Vertical	46	1.00	-	34.50	7.20	34.87
AV	5.2876G	95.10	Inf	-Inf	88.29	3	Vertical	46	1.00	-	34.48	7.20	34.87
PK	5.3684G	65.32	74.00	-8.68	58.45	3	Vertical	46	1.00	-	34.54	7.20	34.87
AV	5.3572G	52.62	54.00	-1.38	45.78	3	Vertical	46	1.00	-	34.51	7.20	34.87
PK	5.466G	58.32	68.20	-9.88	51.38	3	Vertical	46	1.00	-	34.53	7.27	34.86

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

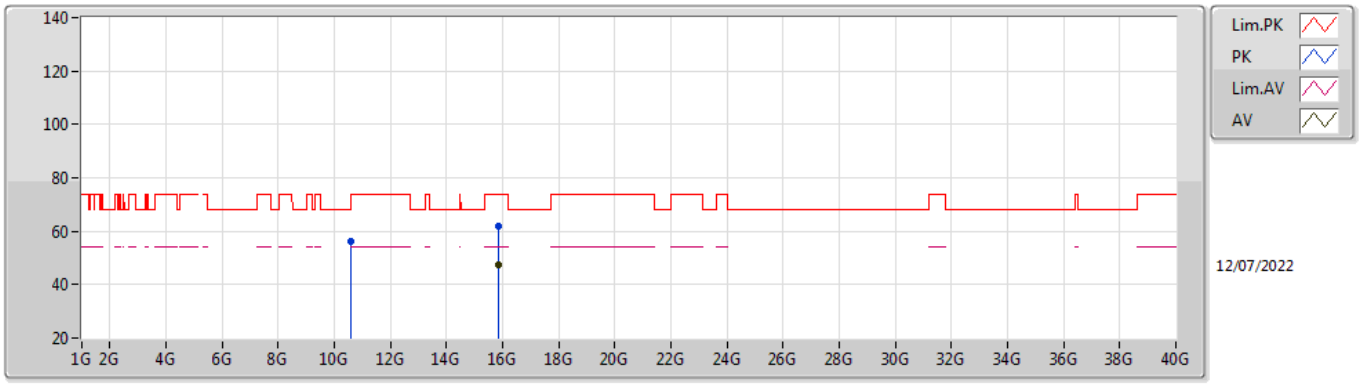


EUT Y_2TX
Setting 16
03-D-K-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1004G	58.74	74.00	-15.26	52.57	3	Horizontal	301	1.94	-	33.90	7.15	34.88
AV	5.15G	46.50	54.00	-7.50	40.21	3	Horizontal	301	1.94	-	34.00	7.17	34.88
PK	5.2892G	107.40	Inf	-Inf	100.59	3	Horizontal	301	1.94	-	34.48	7.20	34.87
AV	5.2916G	96.41	Inf	-Inf	89.60	3	Horizontal	301	1.94	-	34.48	7.20	34.87
PK	5.3716G	69.17	74.00	-4.83	62.30	3	Horizontal	301	1.94	-	34.54	7.20	34.87
AV	5.3596G	53.38	54.00	-0.62	46.53	3	Horizontal	301	1.94	-	34.52	7.20	34.87
PK	5.4716G	60.22	68.20	-7.98	53.27	3	Horizontal	301	1.94	-	34.54	7.27	34.86

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

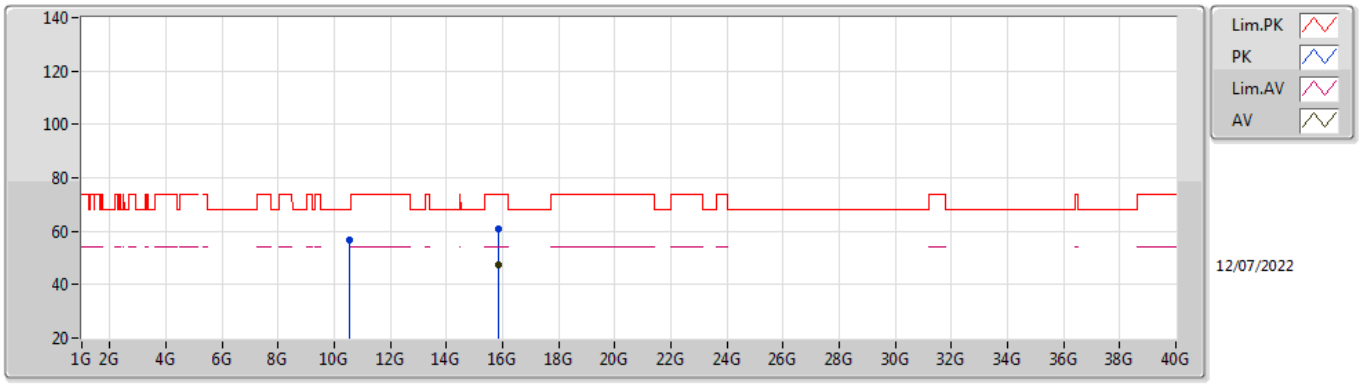


EUT Z_2TX
Setting 16
03-D-K-3

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	10.57088G	56.16	68.20	-12.04	40.66	3	Vertical	50	2.89	-	38.20	10.59	33.29
PK	15.84552G	62.02	74.00	-11.98	45.66	3	Vertical	355	2.96	-	37.76	13.32	34.72
AV	15.85592G	47.53	54.00	-6.47	31.20	3	Vertical	355	2.96	-	37.73	13.33	34.73

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

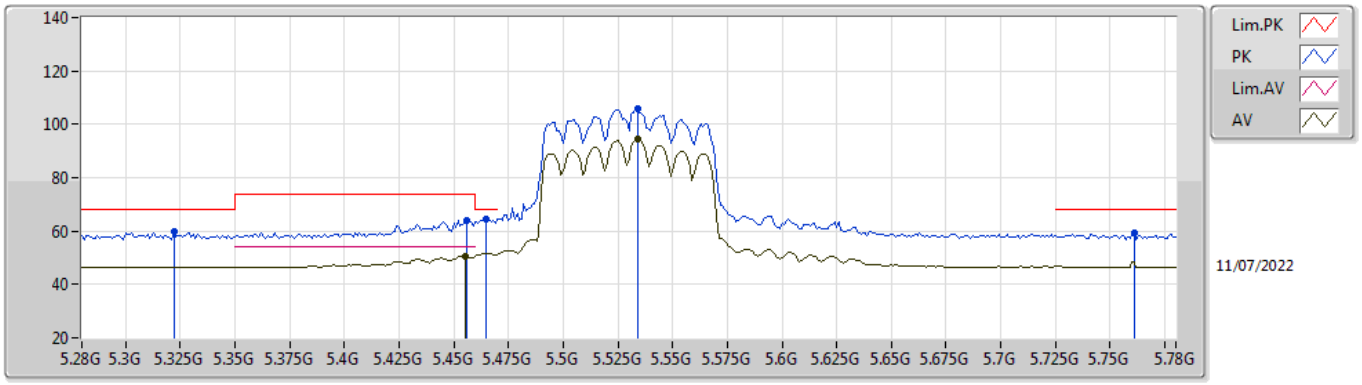


EUT Z_2TX
Setting 16
03-D-K-3

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	10.54064G	56.66	68.20	-11.54	41.07	3	Horizontal	270	2.11	-	38.20	10.58	33.19
PK	15.87408G	60.96	74.00	-13.04	44.68	3	Horizontal	332	1.80	-	37.68	13.34	34.74
AV	15.87664G	47.48	54.00	-6.52	31.22	3	Horizontal	332	1.80	-	37.67	13.34	34.75

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

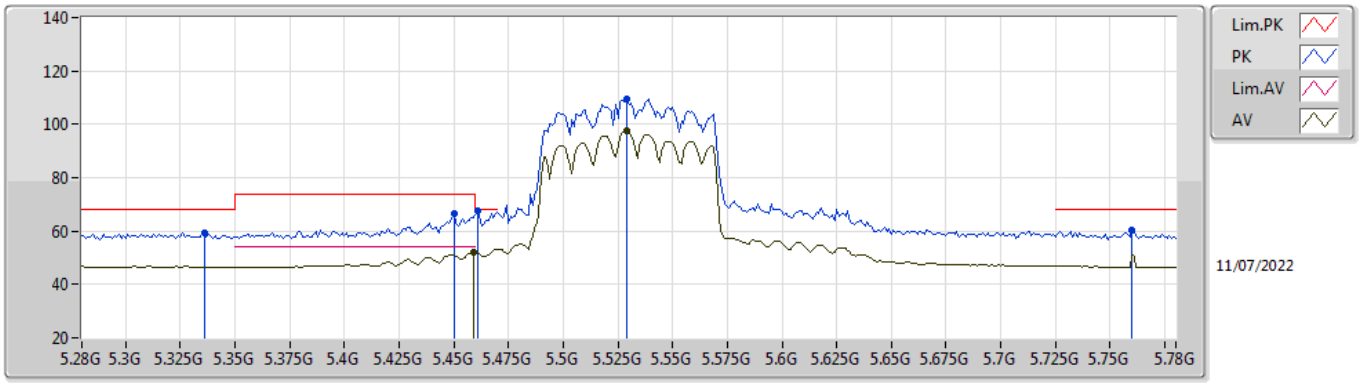


EUT Y_2TX
Setting 16
03-D-K-3-10

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	5.322G	59.59	68.20	-8.61	52.76	3	Vertical	12	1.74	-	34.50	7.20	34.87
PK	5.456G	64.20	74.00	-9.80	57.29	3	Vertical	12	1.74	-	34.51	7.26	34.86
AV	5.455G	50.57	54.00	-3.43	43.67	3	Vertical	12	1.74	-	34.51	7.25	34.86
PK	5.465G	64.61	68.20	-3.59	57.68	3	Vertical	12	1.74	-	34.53	7.26	34.86
PK	5.534G	106.05	Inf	-Inf	98.99	3	Vertical	12	1.74	-	34.60	7.33	34.87
AV	5.534G	94.36	Inf	-Inf	87.30	3	Vertical	12	1.74	-	34.60	7.33	34.87
PK	5.761G	59.21	68.20	-8.99	52.53	3	Vertical	12	1.74	-	34.20	7.40	34.92

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

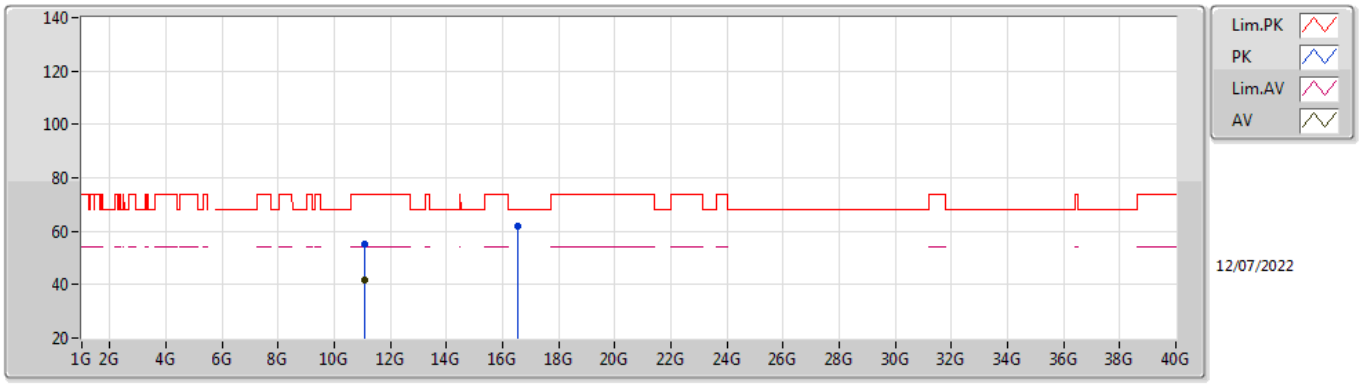


EUT Y_2TX
Setting 16
03-D-K-3-10

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	5.336G	59.42	68.20	-8.78	52.59	3	Horizontal	91	1.80	-	34.50	7.20	34.87
PK	5.45G	66.56	74.00	-7.44	59.67	3	Horizontal	91	1.80	-	34.50	7.25	34.86
PK	5.461G	67.74	68.20	-0.46	60.82	3	Horizontal	91	1.80	-	34.52	7.26	34.86
AV	5.459G	51.94	54.00	-2.06	45.02	3	Horizontal	91	1.80	-	34.52	7.26	34.86
PK	5.529G	109.47	Inf	-Inf	102.41	3	Horizontal	91	1.80	-	34.60	7.33	34.87
AV	5.529G	97.76	Inf	-Inf	90.70	3	Horizontal	91	1.80	-	34.60	7.33	34.87
PK	5.76G	60.27	68.20	-7.93	53.59	3	Horizontal	91	1.80	-	34.20	7.40	34.92

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

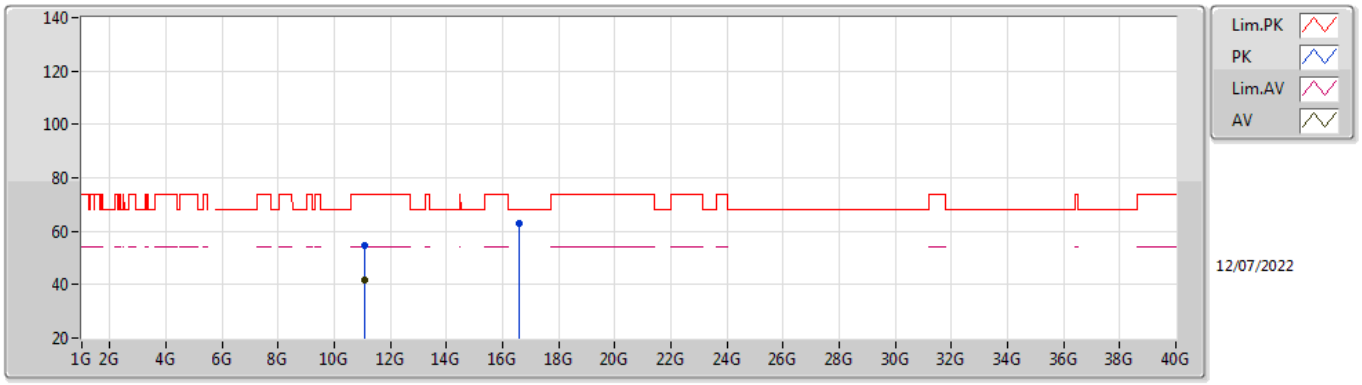


EUT Z_2TX
Setting 16
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.062G	55.43	74.00	-18.57	41.09	3	Vertical	52	1.22	-	38.46	10.66	34.78
AV	11.0592G	41.94	54.00	-12.06	27.60	3	Vertical	52	1.22	-	38.46	10.66	34.78
PK	16.55976G	61.73	68.20	-6.47	43.60	3	Vertical	82	2.21	-	38.70	13.79	34.36

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

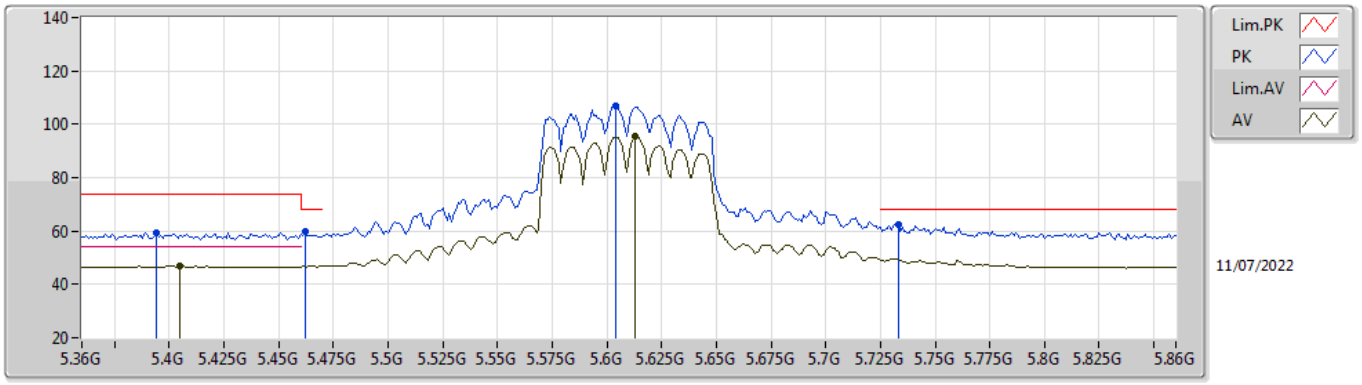


EUT Z_2TX
Setting 16
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05744G	54.62	74.00	-19.38	40.28	3	Horizontal	93	2.73	-	38.46	10.66	34.78
AV	11.06496G	41.92	54.00	-12.08	27.58	3	Horizontal	93	2.73	-	38.46	10.66	34.78
PK	16.58088G	63.07	68.20	-5.13	44.81	3	Horizontal	173	1.80	-	38.80	13.81	34.35

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

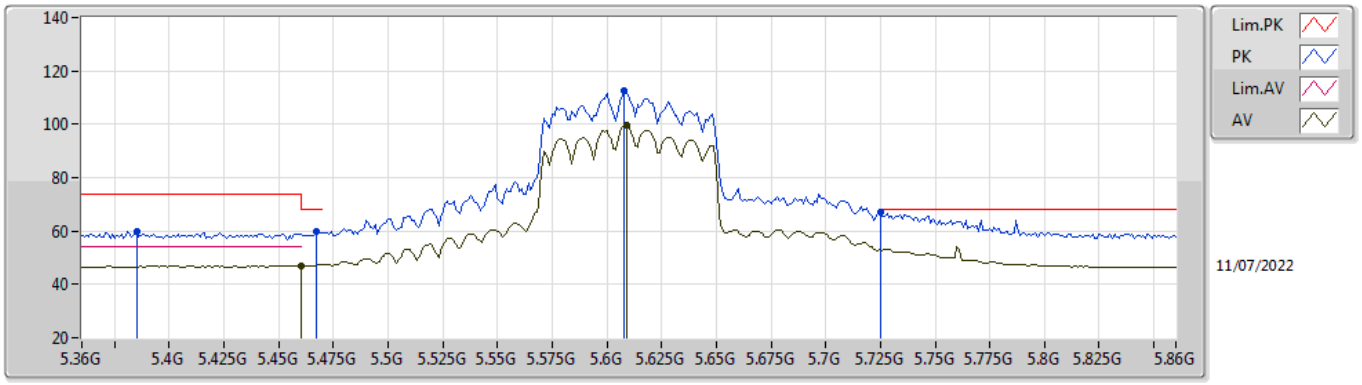


EUT Y_2TX
Setting 17.5
03-D-K-3-10

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	5.394G	59.31	74.00	-14.69	52.39	3	Vertical	15	2.13	-	34.59	7.20	34.87
AV	5.405G	46.72	54.00	-7.28	39.79	3	Vertical	15	2.13	-	34.59	7.21	34.87
PK	5.462G	59.86	68.20	-8.34	52.94	3	Vertical	15	2.13	-	34.52	7.26	34.86
PK	5.604G	106.83	Inf	-Inf	99.72	3	Vertical	15	2.13	-	34.59	7.40	34.88
AV	5.613G	95.29	Inf	-Inf	88.20	3	Vertical	15	2.13	-	34.57	7.40	34.88
PK	5.733G	62.59	68.20	-5.61	55.87	3	Vertical	15	2.13	-	34.23	7.40	34.91

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

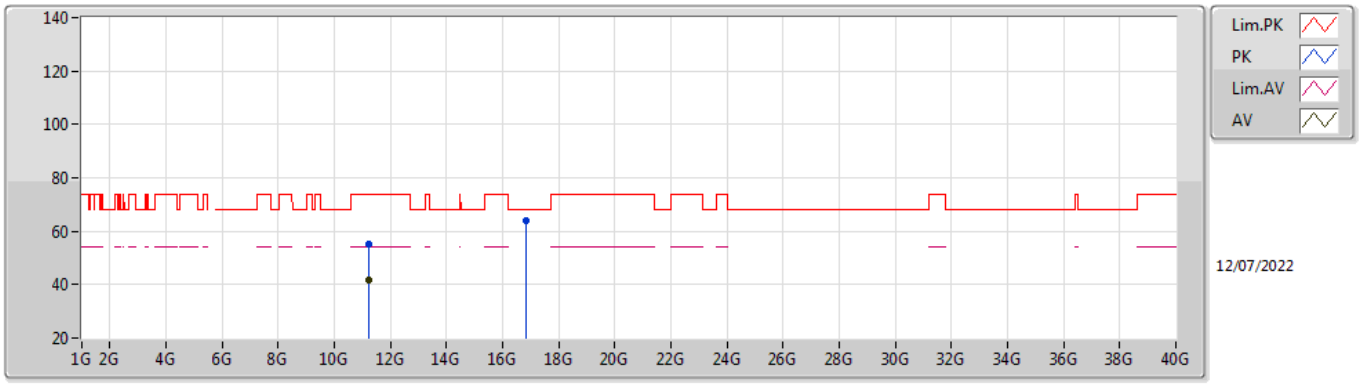


EUT Y_2TX
Setting 17.5
03-D-K-3-10

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	5.385G	59.91	74.00	-14.09	53.01	3	Horizontal	96	2.04	-	34.57	7.20	34.87
PK	5.467G	59.96	68.20	-8.24	53.02	3	Horizontal	96	2.04	-	34.53	7.27	34.86
AV	5.46G	47.06	54.00	-6.94	40.14	3	Horizontal	96	2.04	-	34.52	7.26	34.86
PK	5.608G	112.37	Inf	-Inf	105.27	3	Horizontal	96	2.04	-	34.58	7.40	34.88
AV	5.609G	99.51	Inf	-Inf	92.41	3	Horizontal	96	2.04	-	34.58	7.40	34.88
PK	5.725G	66.99	68.20	-1.21	60.25	3	Horizontal	96	2.04	-	34.25	7.40	34.91

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

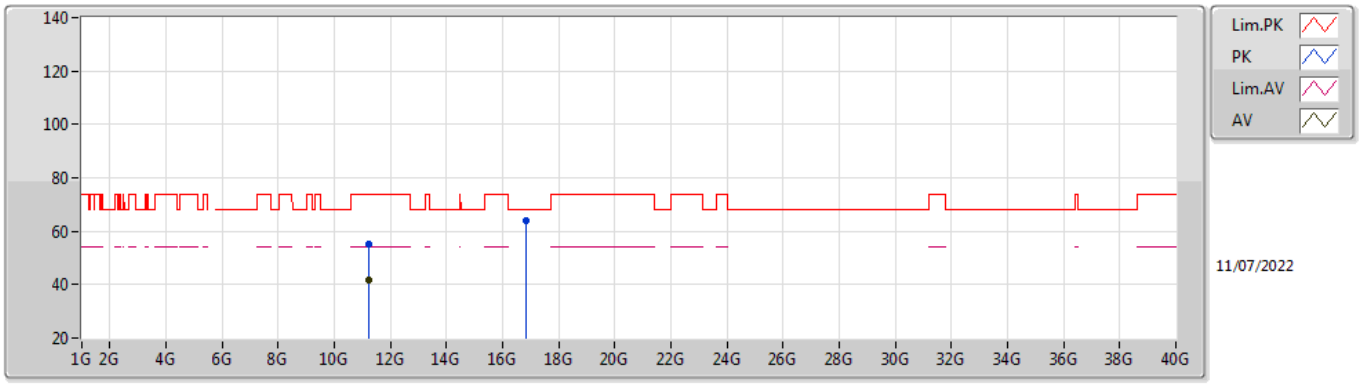


EUT Z_2TX
Setting 17.5
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.23088G	55.18	74.00	-18.82	40.68	3	Vertical	94	1.43	-	38.63	10.68	34.81
AV	11.23568G	41.77	54.00	-12.23	27.25	3	Vertical	94	1.43	-	38.64	10.69	34.81
PK	16.84584G	64.17	68.20	-4.03	44.77	3	Vertical	301	1.41	-	39.58	13.99	34.17

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

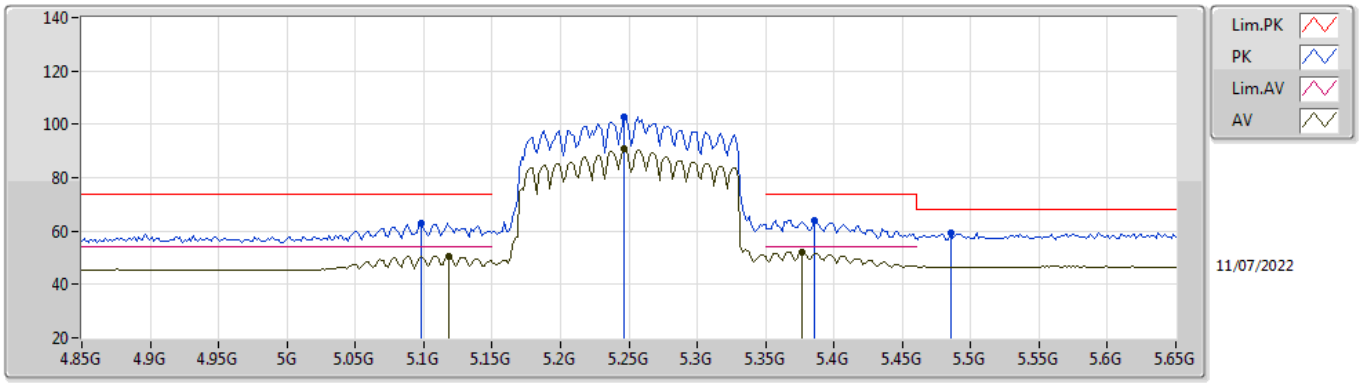


EUT Z_2TX
Setting 17.5
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.22768G	55.15	74.00	-18.85	40.65	3	Horizontal	292	2.09	-	38.63	10.68	34.81
AV	11.22784G	41.85	54.00	-12.15	27.35	3	Horizontal	292	2.09	-	38.63	10.68	34.81
PK	16.82808G	64.18	68.20	-4.02	44.87	3	Horizontal	300	1.80	-	39.51	13.98	34.18

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

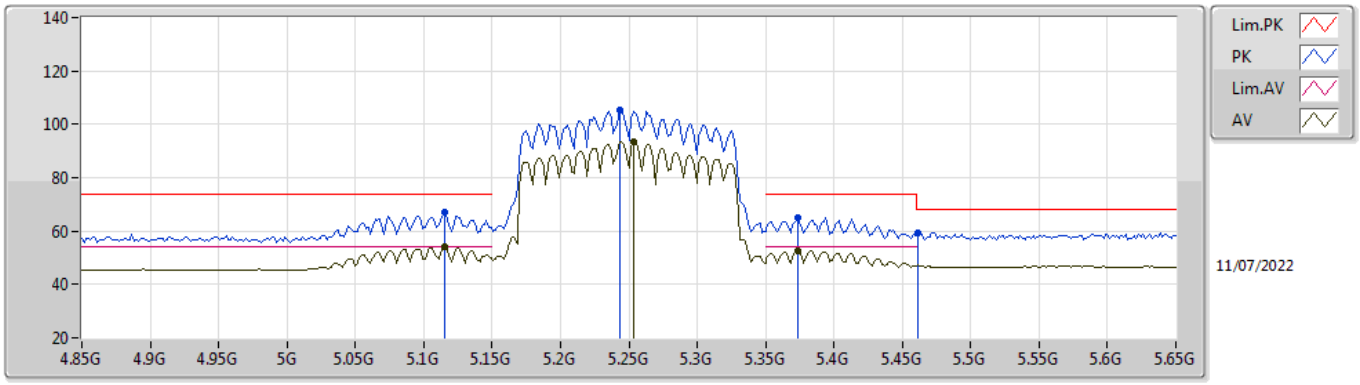


EUT Y_2TX
Setting 14
03-D-K-3-10

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	5.098G	62.72	74.00	-11.28	56.55	3	Vertical	49	1.00	-	33.90	7.15	34.88
AV	5.1188G	50.62	54.00	-3.38	44.40	3	Vertical	49	1.00	-	33.94	7.16	34.88
PK	5.2468G	102.93	Inf	-Inf	96.22	3	Vertical	49	1.00	-	34.39	7.20	34.88
AV	5.2468G	90.82	Inf	-Inf	84.11	3	Vertical	49	1.00	-	34.39	7.20	34.88
PK	5.386G	64.08	74.00	-9.92	57.18	3	Vertical	49	1.00	-	34.57	7.20	34.87
AV	5.3764G	52.27	54.00	-1.73	45.39	3	Vertical	49	1.00	-	34.55	7.20	34.87
PK	5.4852G	59.46	68.20	-8.74	52.46	3	Vertical	49	1.00	-	34.57	7.29	34.86

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

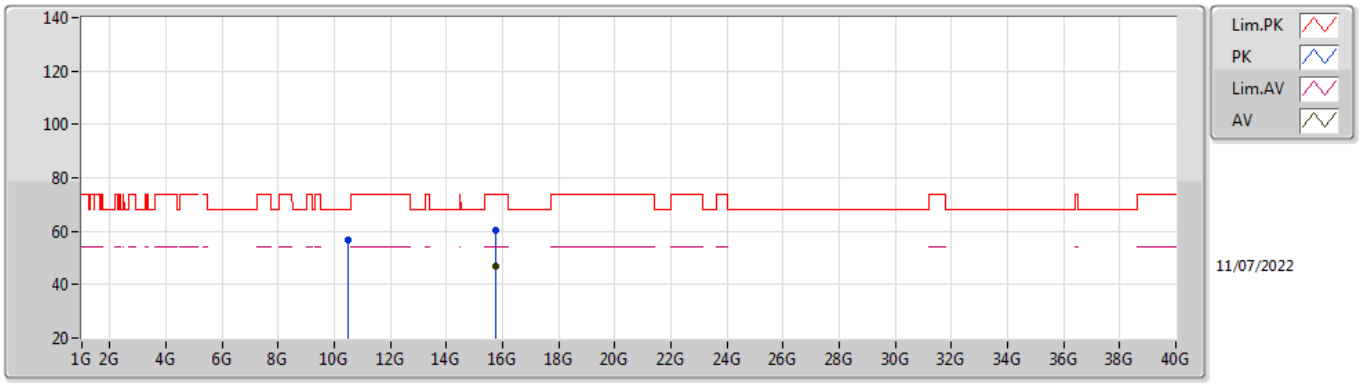


EUT Y_2TX
Setting 14
03-D-K-3-10

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	5.1156G	67.17	74.00	-6.83	60.96	3	Horizontal	116	2.24	-	33.93	7.16	34.88
AV	5.1156G	53.93	54.00	-0.07	47.72	3	Horizontal	116	2.24	-	33.93	7.16	34.88
PK	5.2436G	105.39	Inf	-Inf	98.70	3	Horizontal	116	2.24	-	34.37	7.20	34.88
AV	5.2532G	93.39	Inf	-Inf	86.65	3	Horizontal	116	2.24	-	34.41	7.20	34.87
PK	5.3732G	65.11	74.00	-8.89	58.23	3	Horizontal	116	2.24	-	34.55	7.20	34.87
AV	5.3732G	52.61	54.00	-1.39	45.73	3	Horizontal	116	2.24	-	34.55	7.20	34.87
PK	5.4612G	59.46	68.20	-8.74	52.54	3	Horizontal	116	2.24	-	34.52	7.26	34.86

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

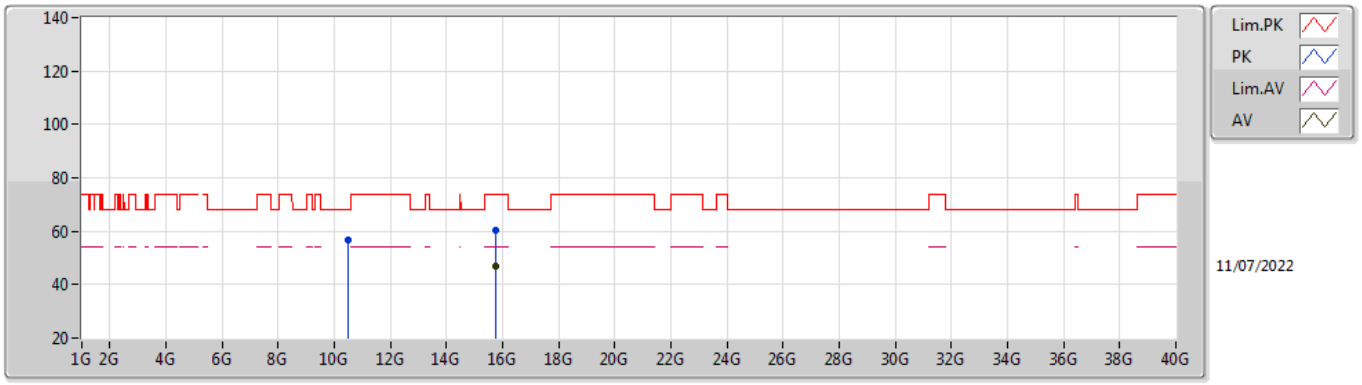


EUT Z_2TX
Setting 14
03-D-K-3

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	10.49714G	56.57	68.20	-11.63	40.86	3	Vertical	27	2.47	-	38.20	10.57	33.06
PK	15.75006G	60.55	74.00	-13.45	44.23	3	Vertical	267	1.92	-	37.70	13.28	34.66
AV	15.75318G	46.92	54.00	-7.08	30.59	3	Vertical	267	1.92	-	37.71	13.28	34.66

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

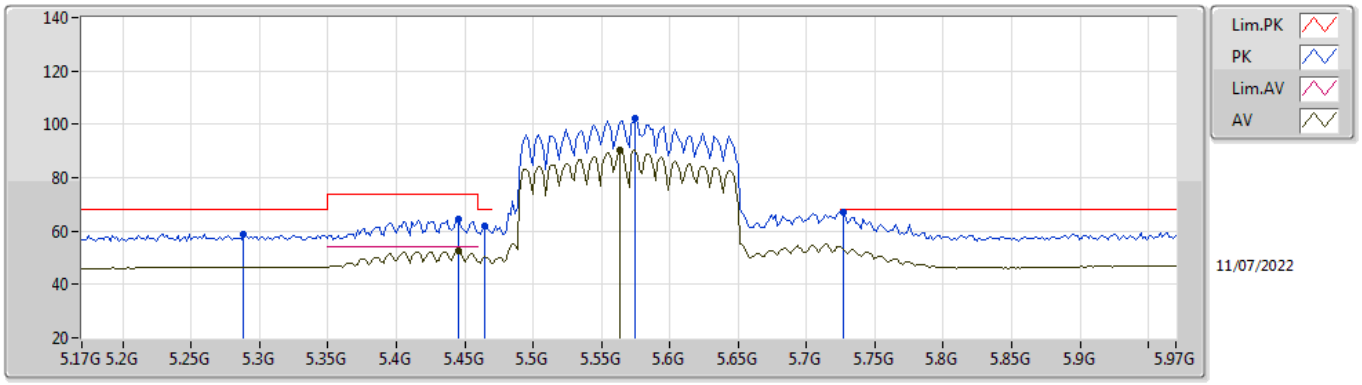


EUT Z_2TX
Setting 14
03-D-K-3

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	10.50322G	56.83	68.20	-11.37	41.11	3	Horizontal	123	2.71	-	38.20	10.58	33.06
PK	15.75245G	60.20	74.00	-13.80	43.87	3	Horizontal	262	1.92	-	37.71	13.28	34.66
AV	15.7535G	46.83	54.00	-7.17	30.50	3	Horizontal	262	1.92	-	37.71	13.28	34.66

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom

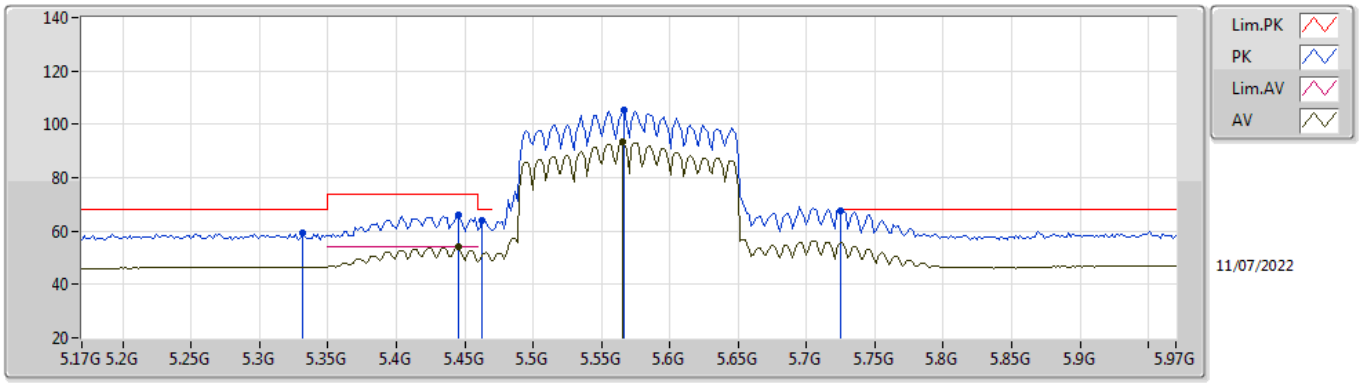


EUT Y_2TX
Setting 14
03-D-K-3-10

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	5.2884G	58.84	68.20	-9.36	52.03	3	Vertical	13	2.02	-	34.48	7.20	34.87
PK	5.4452G	64.35	74.00	-9.65	57.45	3	Vertical	13	2.02	-	34.51	7.25	34.86
AV	5.4452G	52.34	54.00	-1.66	45.44	3	Vertical	13	2.02	-	34.51	7.25	34.86
PK	5.4644G	61.98	68.20	-6.22	55.05	3	Vertical	13	2.02	-	34.53	7.26	34.86
PK	5.5748G	102.46	Inf	-Inf	95.37	3	Vertical	13	2.02	-	34.60	7.37	34.88
AV	5.5636G	90.40	Inf	-Inf	83.31	3	Vertical	13	2.02	-	34.60	7.36	34.87
PK	5.7268G	67.31	68.20	-0.89	60.57	3	Vertical	13	2.02	-	34.25	7.40	34.91

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom

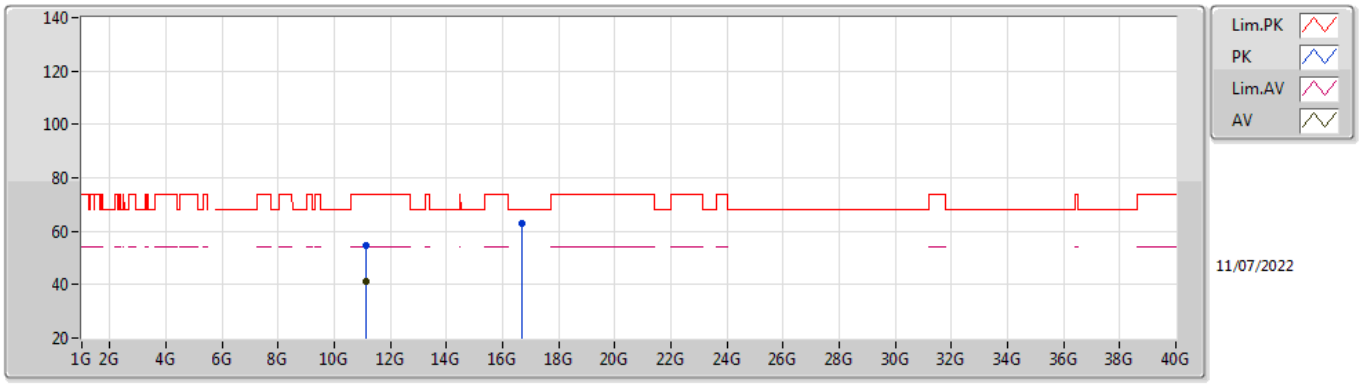


EUT Y_2TX
Setting 14
03-D-K-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3316G	59.16	68.20	-9.04	52.33	3	Horizontal	266	1.80	-	34.50	7.20	34.87
PK	5.4452G	66.02	74.00	-7.98	59.12	3	Horizontal	266	1.80	-	34.51	7.25	34.86
AV	5.4452G	53.97	54.00	-0.03	47.07	3	Horizontal	266	1.80	-	34.51	7.25	34.86
PK	5.4628G	63.86	68.20	-4.34	56.93	3	Horizontal	266	1.80	-	34.53	7.26	34.86
PK	5.5668G	105.47	Inf	-Inf	98.37	3	Horizontal	266	1.80	-	34.60	7.37	34.87
AV	5.5652G	93.62	Inf	-Inf	86.52	3	Horizontal	266	1.80	-	34.60	7.37	34.87
PK	5.7252G	67.48	68.20	-0.72	60.74	3	Horizontal	266	1.80	-	34.25	7.40	34.91

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom

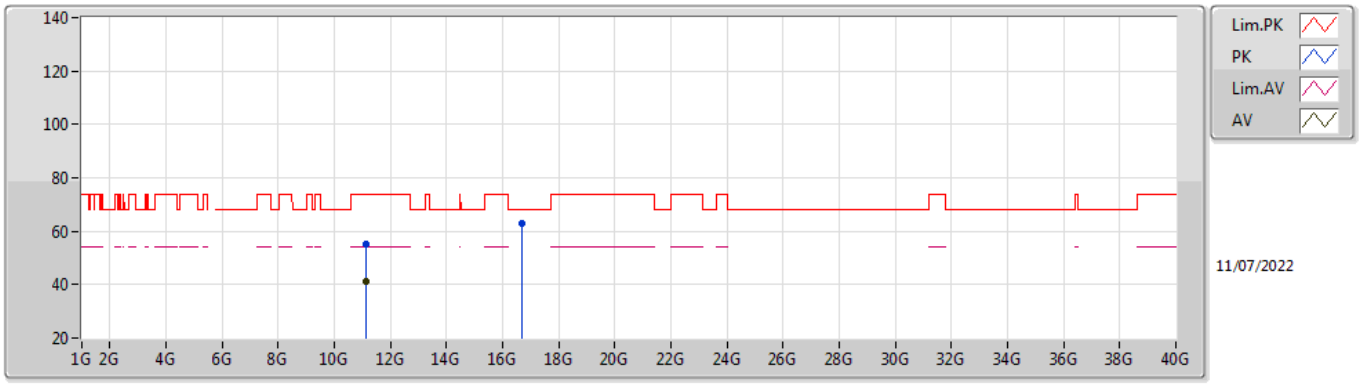


EUT Z_2TX
Setting 14
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.13848G	54.83	74.00	-19.17	40.41	3	Vertical	1	2.62	-	38.54	10.67	34.79
AV	11.13998G	41.33	54.00	-12.67	26.92	3	Vertical	1	2.62	-	38.54	10.67	34.80
PK	16.71296G	62.68	68.20	-5.52	44.25	3	Vertical	72	2.10	-	38.79	13.90	34.26

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom



EUT Z_2TX
Setting 14
03-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.14398G	54.94	74.00	-19.06	40.53	3	Horizontal	356	1.57	-	38.54	10.67	34.80
AV	11.1413G	41.33	54.00	-12.67	26.92	3	Horizontal	356	1.57	-	38.54	10.67	34.80
PK	16.70664G	62.93	68.20	-5.27	44.55	3	Horizontal	164	2.51	-	38.75	13.89	34.26