


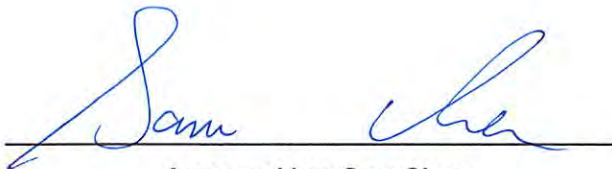


RADIO TEST REPORT

FCC ID : O2U-5842
Equipment : Wireless Access Point
Brand Name : 
Model Name : WR5842
Applicant : COMPAL BROADBAND NETWORKS,INC.
13F-1, No.1, Taiyuan 1st St., Zhubei City, Hsinchu
County 30288, Taiwan, R.O.C.
Manufacturer : COMPAL BROADBAND NETWORKS,INC.
13F-1, No.1, Taiyuan 1st St., Zhubei City, Hsinchu
County 30288, Taiwan, R.O.C.
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 29, 2022, and testing was started from May 07, 2022 and completed on Jul. 07, 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

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



Table of Contents

History of this test report.....3

Summary of Test Result.....4

1 General Description5

1.1 Information.....5

1.2 Applicable Standards10

1.3 Testing Location Information10

1.4 Measurement Uncertainty10

2 Test Configuration of EUT12

2.1 Test Channel Mode12

2.2 The Worst Case Measurement Configuration14

2.3 EUT Operation during Test14

2.4 Accessories14

2.5 Support Equipment.....14

2.6 Test Setup Diagram15

3 Transmitter Test Result16

3.1 Emission Bandwidth16

3.2 Maximum Output Power18

3.3 Power Spectral Density21

3.4 Unwanted Emissions.....24

4 Test Equipment and Calibration Data27

Appendix A. Test Results of Emission Bandwidth

Appendix B. Test Results of Maximum Output Power

Appendix C. Test Results of Power Spectral Density

Appendix D. Test Results of Unwanted Emissions

Appendix E. Test Photos

Photographs of EUT v01



History of this test report

Report No.	Version	Description	Issued Date
FR241343-01	01	Initial issue of report	Jul. 21, 2022



Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen**Report Producer: Vicky Huang**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
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	2
5.25-5.35GHz	802.11n HT20	20	2
5.25-5.35GHz	802.11n HT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20	20	2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ax HEW20	20	2
5.25-5.35GHz	802.11ax HEW20-BF	20	2
5.25-5.35GHz	802.11n HT40	40	2
5.25-5.35GHz	802.11n HT40-BF	40	2
5.25-5.35GHz	802.11ac VHT40	40	2
5.25-5.35GHz	802.11ac VHT40-BF	40	2
5.25-5.35GHz	802.11ax HEW40	40	2
5.25-5.35GHz	802.11ax HEW40-BF	40	2
5.25-5.35GHz	802.11ac VHT80	80	2
5.25-5.35GHz	802.11ac VHT80-BF	80	2
5.25-5.35GHz	802.11ax HEW80	80	2
5.25-5.35GHz	802.11ax HEW80-BF	80	2
5.15-5.35GHz	802.11ac VHT160	160	2
5.15-5.35GHz	802.11ac VHT160-BF	160	2
5.15-5.35GHz	802.11ax HEW160	160	2
5.15-5.35GHz	802.11ax HEW160-BF	160	2
5.47-5.725GHz	802.11a	20	2
5.47-5.725GHz	802.11n HT20	20	2



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	2
5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT80	80	2
5.47-5.725GHz	802.11ac VHT80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	2
5.47-5.725GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11ac VHT160	160	2
5.47-5.725GHz	802.11ac VHT160-BF	160	2
5.47-5.725GHz	802.11ax HEW160	160	2
5.47-5.725GHz	802.11ax HEW160-BF	160	2

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80 and 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.	2.4GHz Port	5GHz Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	LYNWAVE	ALX21P-052AA2-00	PCB Antenna	I-PEX	3.1
2	2	-	LYNWAVE	ALX21P-052AA3-00	PCB Antenna	I-PEX	3.3
3	-	1	LYNWAVE	ALX21P-092AA1-00	PCB Antenna	I-PEX	4.7
4	-	2	LYNWAVE	ALX21P-092AA2-00	PCB Antenna	I-PEX	4.8

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has four antennas.

Note 3: 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	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left[\sum_{k=1}^{N_{ANT}} \xi_{j,k} \right]^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left[\sum_{k=1}^{N_{ANT}} \xi_{j,k} \right]^2}{N_{ANT}} \right]$$

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

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2))^2$$

$$DG = 10 \log \left[\frac{(NSS1(g1,1) + NSS1(g1,2))^2}{N_{ANT}} \right] \Rightarrow 10 \log \left[\frac{(10^{G1/20} + 10^{G2/20})^2}{N_{ANT}} \right]$$

Where ;

2.4G : G1 = 3.1 dBi ; G2 = 3.3 dBi ; DG = 6.21 dBi

5G : G1 = 4.7 dBi ; G2 = 4.8 dBi ; DG = 7.76 dBi

For 2.4GHz:

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

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

Port 1, Port 2 could transmit/receive simultaneously.

For 5GHz:

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

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

Port 1, Port 2 could transmit/receive simultaneously.



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	<input checked="" type="checkbox"/> With beamforming	<input type="checkbox"/> Without beamforming		
	The product has beamforming function for 11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.			
Weather Band	<input checked="" type="checkbox"/> With 5600~5650MHz	<input type="checkbox"/> Without 5600~5650MHz		
Function	<input type="checkbox"/> Outdoor P2M	<input checked="" type="checkbox"/> Indoor P2M		
	<input type="checkbox"/> Fixed P2P	<input type="checkbox"/> Client		
	<input checked="" type="checkbox"/> Point-to-multipoint	<input type="checkbox"/> Point-to-point		
TPC Function	<input checked="" type="checkbox"/> With TPC	<input type="checkbox"/> Without TPC		
Test Software Version	QSPR 5.0-00199			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Functions

Function
AP Router
Mesh

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: FR241343AB

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

Modifications	Performance Checking
1. Adding U-NII-2A and U-NII-2C bands (5250~5350 MHz, 5470~5725 MHz) for this device, and it has the straddle channels (5690 MHz, 5710MHz, 5720 MHz). 2. Adding 160MHz	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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Lucas Huang	20.3~21 / 59~61	May 12, 2022~ Jul. 07, 2022
Radiated	03CH04-CB	KJ Chang	24.5~25.6 / 57~60	May 07, 2022 ~ May 10, 2022

1.4 Measurement Uncertainty

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

For Before Jun. 01, 2022

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



For After May 31, 2022

Test Items	Uncertainty	Remark
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

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17
5300MHz	17.5
5320MHz	17.5
5500MHz	17
5580MHz	17
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	17.5
5580MHz	18
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	19.5
5310MHz	19.5
5510MHz	19
5550MHz	19
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	20.5
5710MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	19.5
5530MHz	19.5
5610MHz	19.5
5690MHz Straddle 5.47-5.725GHz	20.5
5690MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	20.5
5250MHz Straddle 5.25-5.35GHz	20.5
5570MHz	19



Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	17.5
5580MHz	18
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	18
5510MHz	17.5
5550MHz	17.5
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	19.5
5530MHz	17.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	20.5
5250MHz Straddle 5.25-5.35GHz	20.5
5570MHz	17.5

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 was found at X axis. So the measurement will follow this same test configuration.
1	EUT in X axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA241343-01 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

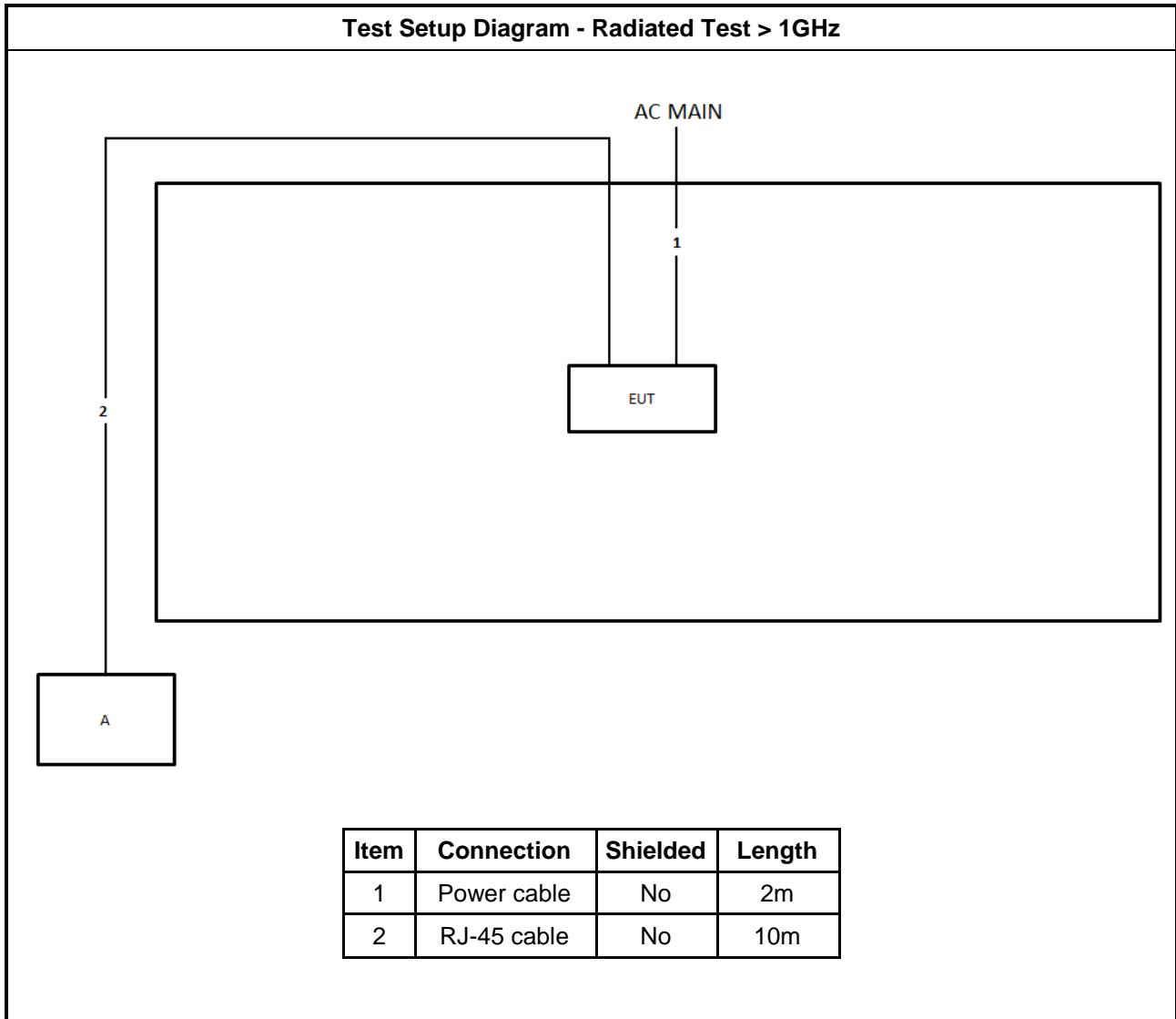
2.4 Accessories

Power	Brand	Model	Rating
Adapter	Frecom	F18L10-120150SPAU	INPUT: 100-240V, 50/60Hz, 0.6A OUTPUT: 12V, 1.5A, 18W

2.5 Support Equipment

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

2.6 Test Setup Diagram





3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
<input type="checkbox"/>	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

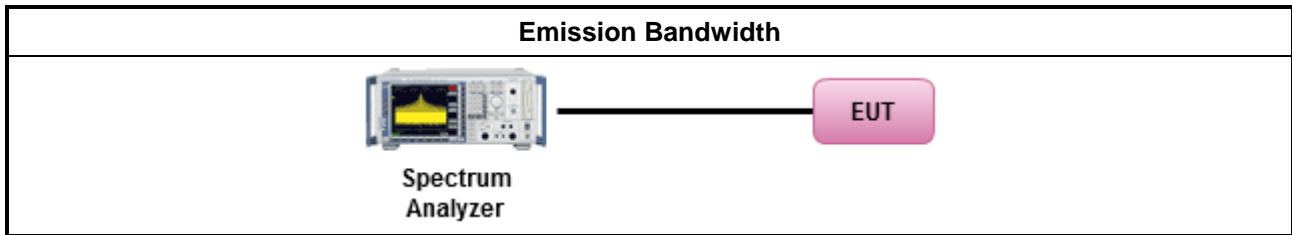
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> 		<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.						
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.						

3.1.4 Test Setup



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	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $\leq 125mW$ [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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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	
<input type="checkbox"/> For the 5.85-5.895 GHz band:	
	<ul style="list-style-type: none"> ▪ Indoor AP & subordinate device < 36 dBm ▪ Client device < 30 dBm
LE-LAN Devices	
<input type="checkbox"/> 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.	
<input type="checkbox"/> 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	
<input type="checkbox"/> 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	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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

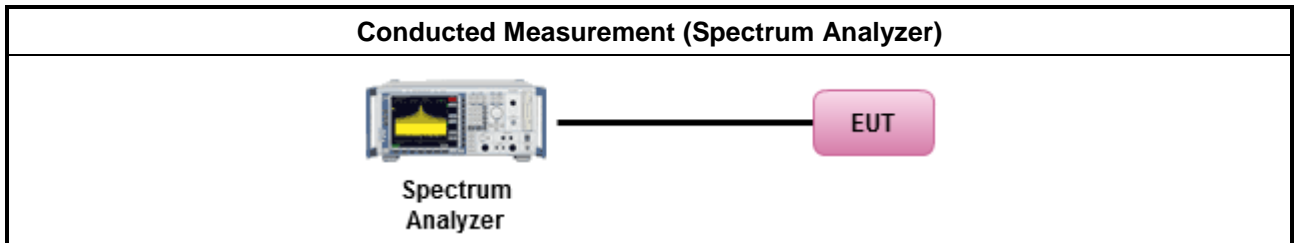
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

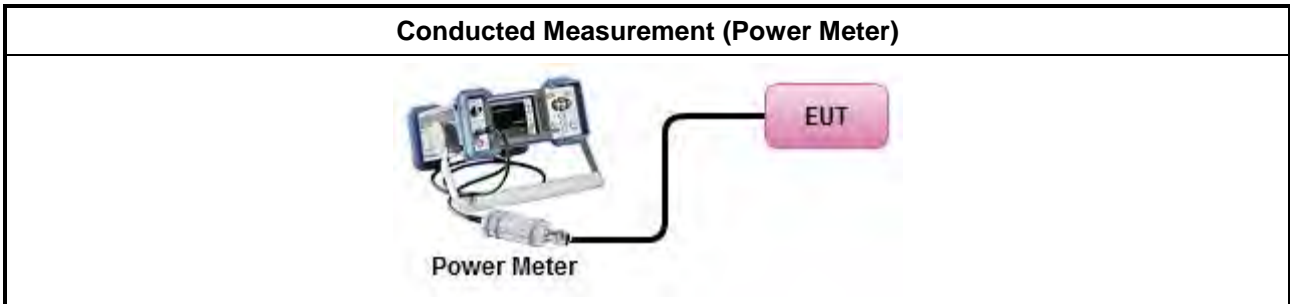
Test Method	
	Average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input checked="" type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
<input type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> 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 test



For other tests



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	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $PPSD = 11 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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	
<input type="checkbox"/> For the 5.85-5.895 GHz band:	
	<ul style="list-style-type: none"> ▪ Indoor AP & subordinate device < 20dBm/MHz ▪ Client device < 14dBm/MHz
LE-LAN Devices	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	<ul style="list-style-type: none"> ▪ 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 $0^\circ \leq \theta < 8^\circ$; $-13 - 0.716 (\theta - 8)$ dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 ($\theta - 40$) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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

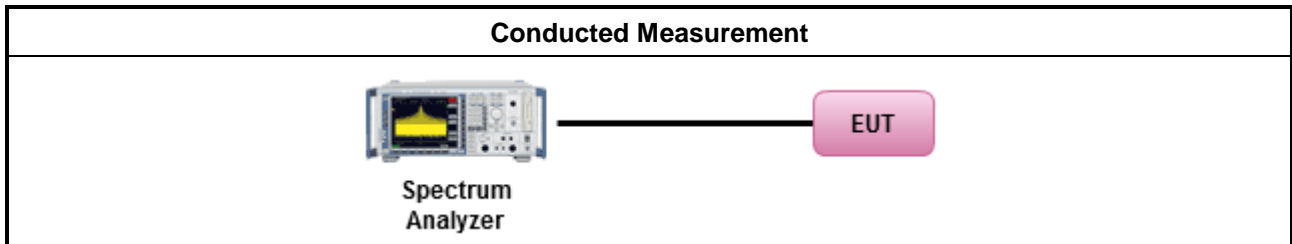
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> ▪ 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:
<input type="checkbox"/>	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]
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input checked="" type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below:
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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,
<input type="checkbox"/>	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.
	<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm])

Test Method	
	$EIRP_{total} = PPSD_{total} + DG$
<input type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	<ul style="list-style-type: none"> Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup



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
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 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.
<input type="checkbox"/> 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



	<p>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.</p> <p>(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.</p>
<p>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).</p>	

3.4.2 Measuring Instruments

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

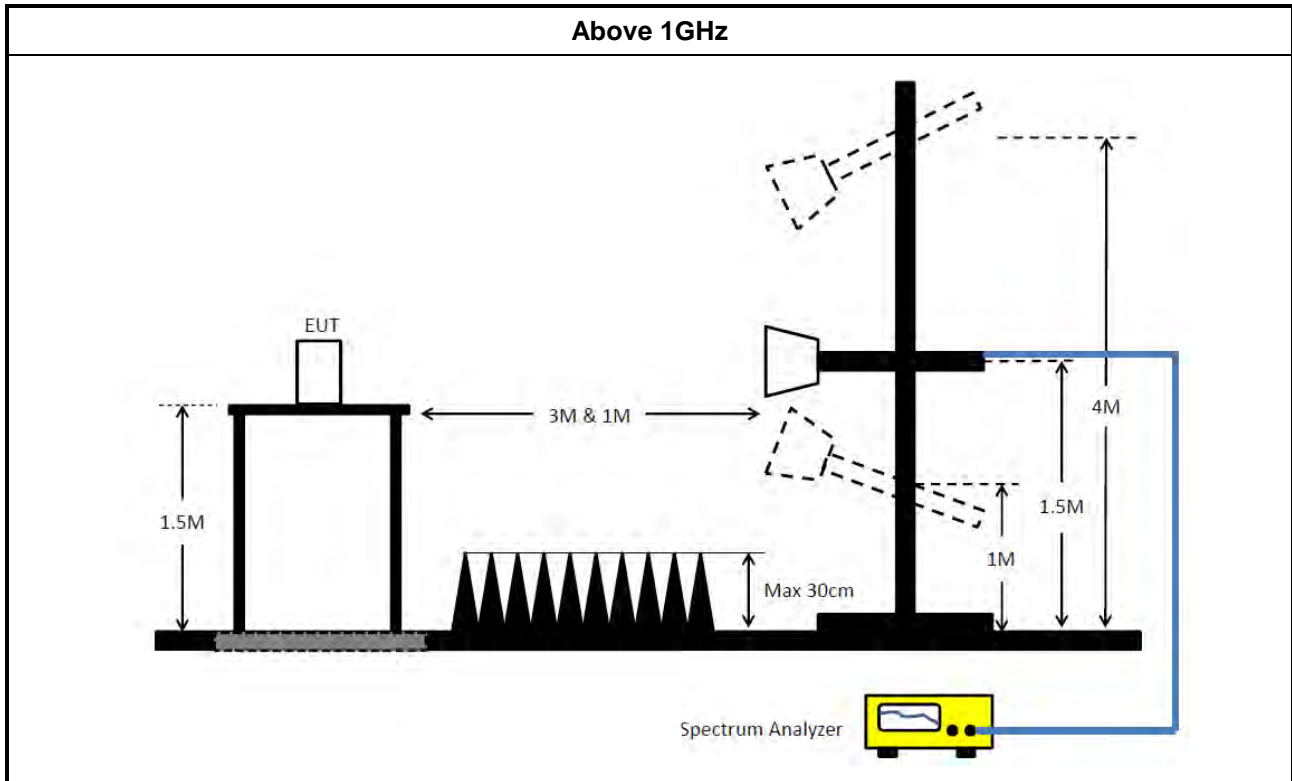
3.4.3 Test Procedures

Test Method															
	<ul style="list-style-type: none"> ▪ 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). 														
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 														
	<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td> <ul style="list-style-type: none"> ▪ 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. </td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.</td> </tr> </table> 		<ul style="list-style-type: none"> ▪ 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. 	<input type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).	<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	<ul style="list-style-type: none"> ▪ 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. 														
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).														
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).														
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.														
<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.														
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.														
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.														
	<ul style="list-style-type: none"> ▪ For radiated measurement. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td> <ul style="list-style-type: none"> ▪ 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. </td> </tr> </table> 		<ul style="list-style-type: none"> ▪ 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. 												
	<ul style="list-style-type: none"> ▪ 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. 														
	<ul style="list-style-type: none"> ▪ 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



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	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS · Lindgren	3115	00143147	750MHz~ 18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~ 40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~ 40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz ~ 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	81.92M	78.281M	78M3D1D	81.6M	78.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.14M	16.312M	16M3D1D	18.72M	16.282M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.03M	18.831M	18M8D1D	20.55M	18.801M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.14M	37.601M	37M6D1D	39.9M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.12M	76.642M	76M6D1D	80.88M	76.642M
802.11ax HEW160_Nss1,(MCS0)_2TX	82.24M	78.361M	78M4D1D	81.92M	78.201M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.41M	16.282M	16M3D1D	14.415M	13.103M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.73M	18.861M	18M9D1D	15.21M	14.378M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.08M	37.601M	37M6D1D	35.035M	33.618M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.24M	76.762M	76M8D1D	75.525M	72.639M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.16M	154.963M	155MD1D	163.68M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.16M	3.638M	3M64D1D	3.14M	3.618M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.44M	4.598M	4M60D1D	4.26M	4.578M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.06M	4.158M	4M16D1D	4.04M	4.158M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.04M	4.418M	4M42D1D	4.04M	4.398M

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	18.75M	16.312M	18.87M	16.282M
5300MHz	Pass	Inf	18.87M	16.312M	18.72M	16.282M
5320MHz	Pass	Inf	18.96M	16.312M	19.14M	16.282M
5500MHz	Pass	Inf	18.69M	16.282M	18.93M	16.282M
5580MHz	Pass	Inf	18.87M	16.282M	18.96M	16.282M
5700MHz	Pass	Inf	19.17M	16.282M	19.41M	16.282M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.415M	13.118M	15.195M	13.103M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.618M	3.16M	3.638M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.91M	18.831M	21.03M	18.801M
5300MHz	Pass	Inf	20.97M	18.831M	20.82M	18.831M
5320MHz	Pass	Inf	20.67M	18.831M	20.55M	18.831M
5500MHz	Pass	Inf	20.46M	18.831M	20.61M	18.801M
5580MHz	Pass	Inf	20.73M	18.801M	20.73M	18.801M
5700MHz	Pass	Inf	20.67M	18.831M	20.43M	18.861M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.21M	14.378M	15.435M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.26M	4.578M	4.44M	4.598M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.9M	37.481M	39.96M	37.541M
5310MHz	Pass	Inf	40.14M	37.541M	40.02M	37.601M
5510MHz	Pass	Inf	39.72M	37.541M	39.96M	37.481M
5550MHz	Pass	Inf	39.78M	37.601M	40.02M	37.601M
5670MHz	Pass	Inf	39.96M	37.601M	40.08M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.618M	35.035M	33.618M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.158M	4.04M	4.158M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.12M	76.642M	80.88M	76.642M
5530MHz	Pass	Inf	80.76M	76.402M	81.24M	76.762M
5610MHz	Pass	Inf	80.76M	76.642M	80.88M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.75M	72.714M	75.525M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.418M	4.04M	4.398M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	78.121M	81.92M	78.281M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	78.361M	82.24M	78.201M
5570MHz	Pass	Inf	163.68M	154.963M	164.16M	154.963M

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

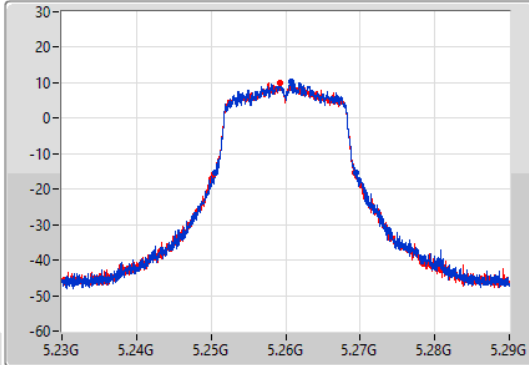
802.11a_Nss1,(6Mbps)_2TX

EBW

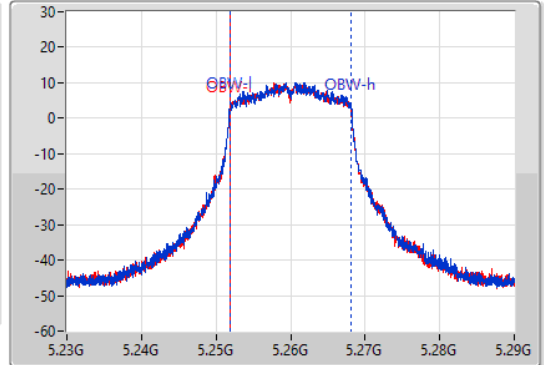
5260MHz

12/05/2022

CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.25061G	5.26936G	16.312M	5.251844G	5.268156G	Inf	1
18.87M	5.25043G	5.2693G	16.282M	5.251844G	5.268126G	Inf	2

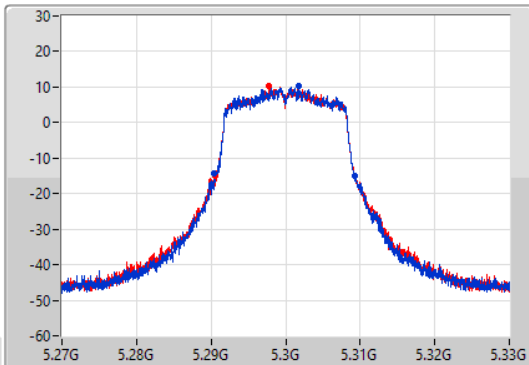
802.11a_Nss1,(6Mbps)_2TX

EBW

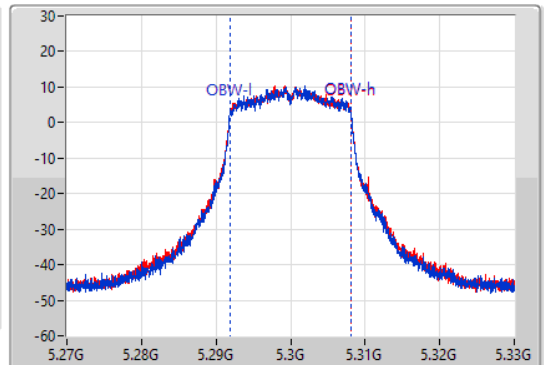
5300MHz

12/05/2022

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



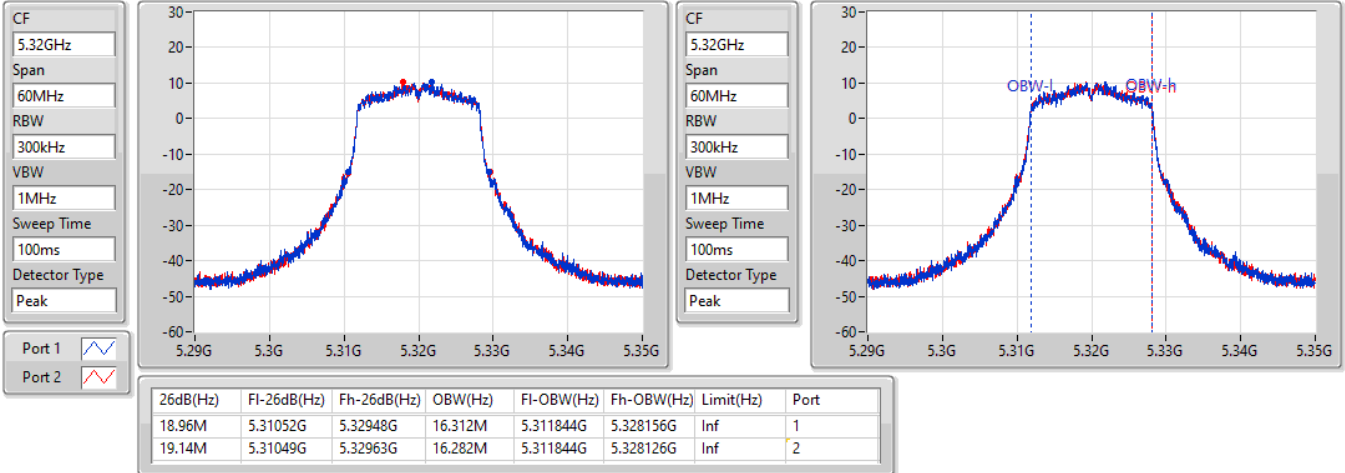
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.29043G	5.3093G	16.312M	5.291844G	5.308156G	Inf	1
18.72M	5.29055G	5.30927G	16.282M	5.291844G	5.308126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

12/05/2022

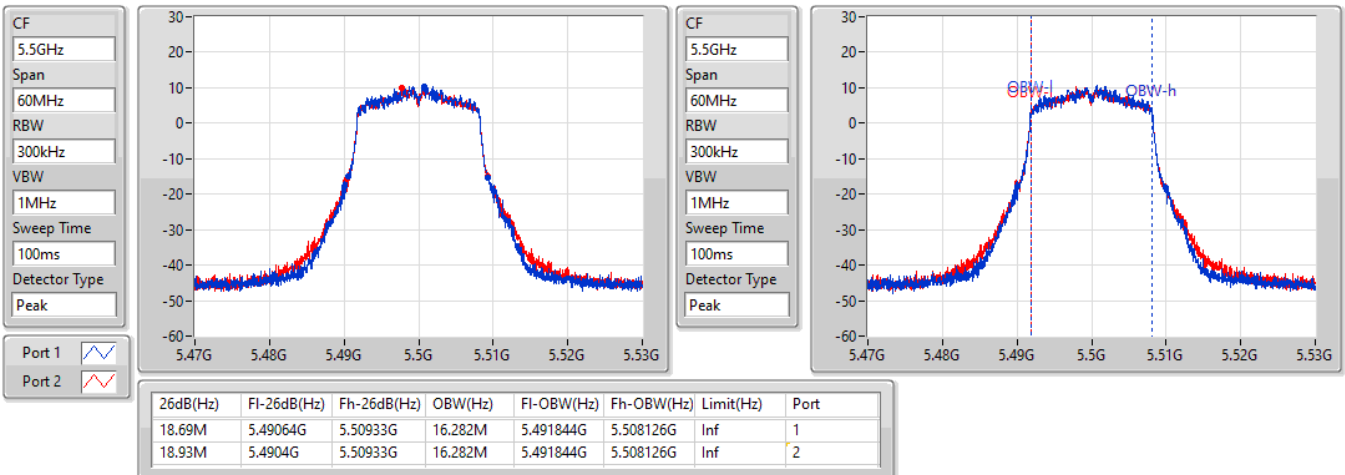


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

12/05/2022



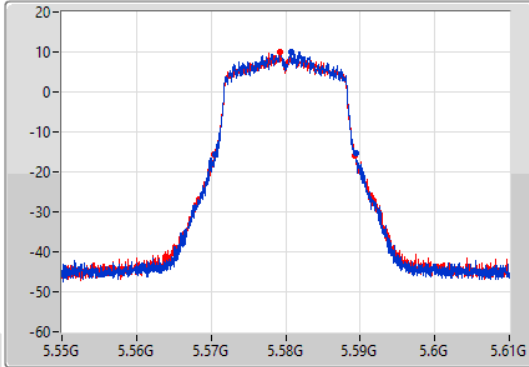
802.11a_Nss1,(6Mbps)_2TX

EBW

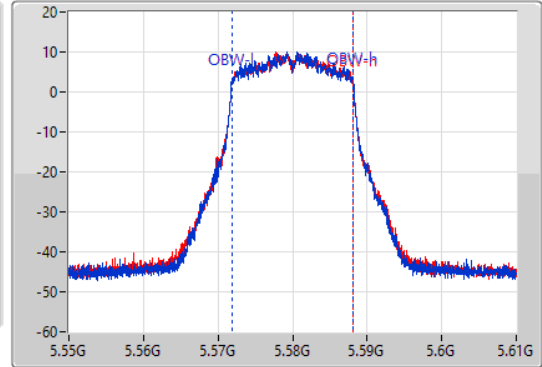
5580MHz

12/05/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.57058G	5.58945G	16.282M	5.571844G	5.588126G	Inf	1
18.96M	5.57037G	5.58933G	16.282M	5.571844G	5.588126G	Inf	2

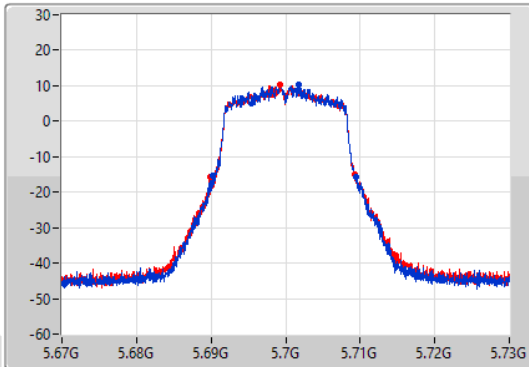
802.11a_Nss1,(6Mbps)_2TX

EBW

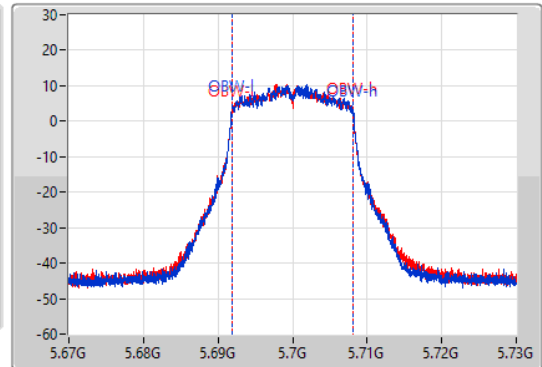
5700MHz

12/05/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



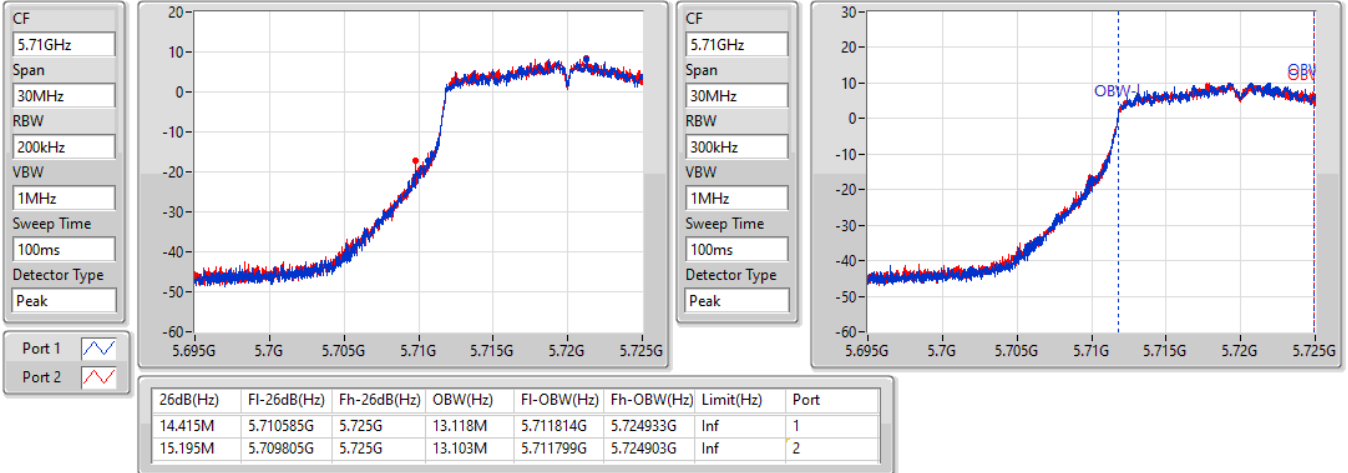
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.17M	5.69028G	5.70945G	16.282M	5.691844G	5.708126G	Inf	1
19.41M	5.68989G	5.7093G	16.282M	5.691844G	5.708126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

12/05/2022

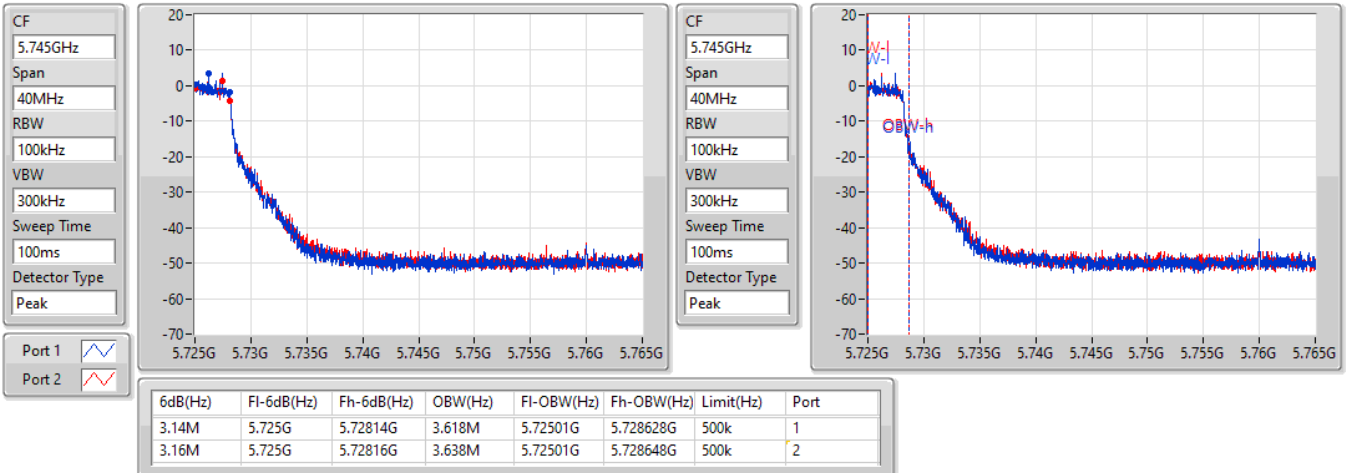


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

12/05/2022



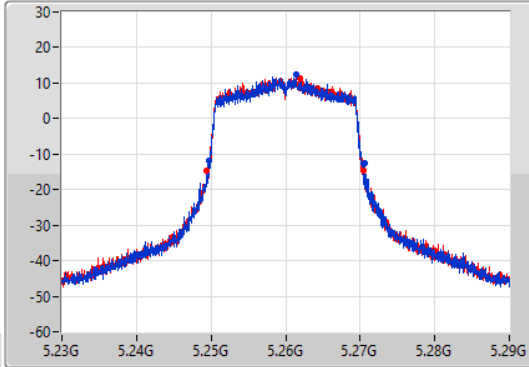
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

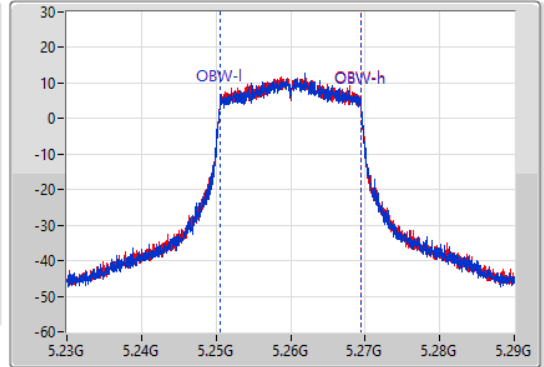
5260MHz

12/05/2022

CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.91M	5.24965G	5.27056G	18.831M	5.250585G	5.269415G	Inf	1
21.03M	5.24941G	5.27044G	18.801M	5.250585G	5.269385G	Inf	2

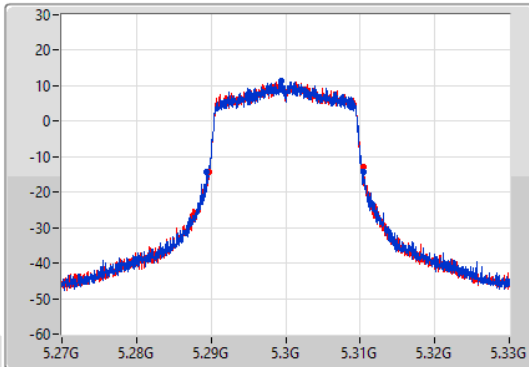
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

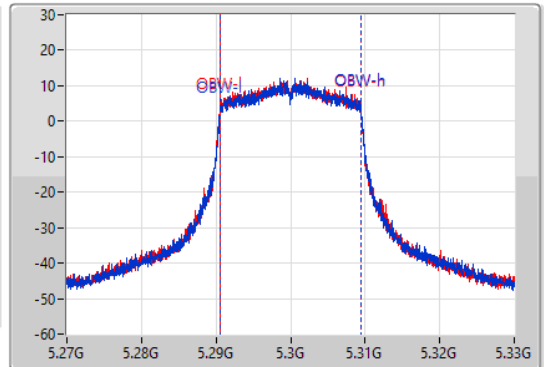
5300MHz

12/05/2022

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.28947G	5.31044G	18.831M	5.290585G	5.309415G	Inf	1
20.82M	5.28965G	5.31047G	18.831M	5.290555G	5.309385G	Inf	2

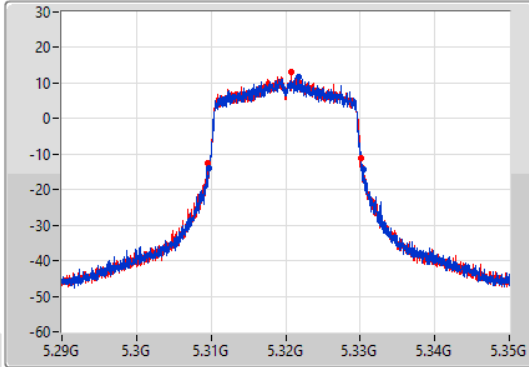
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

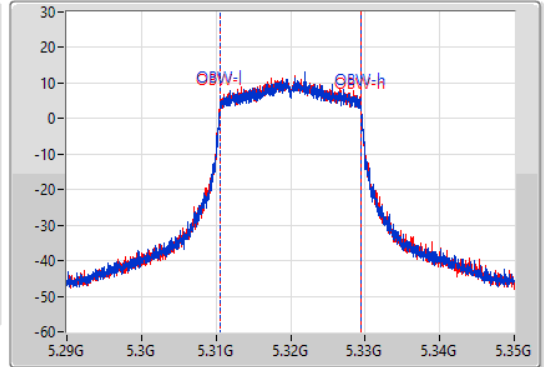
5320MHz

12/05/2022

CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.30974G	5.33041G	18.831M	5.310585G	5.329415G	Inf	1
20.55M	5.30959G	5.33014G	18.831M	5.310555G	5.329385G	Inf	2

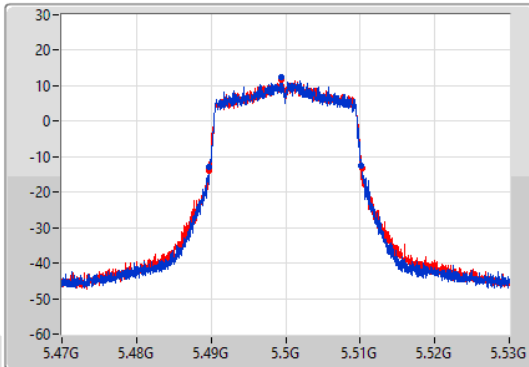
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

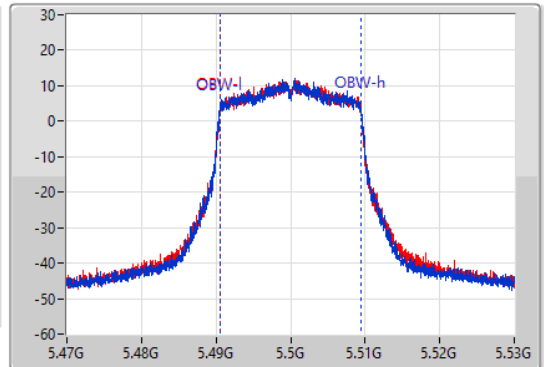
5500MHz

12/05/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.48971G	5.51017G	18.831M	5.490555G	5.509385G	Inf	1
20.61M	5.48968G	5.51029G	18.801M	5.490585G	5.509385G	Inf	2

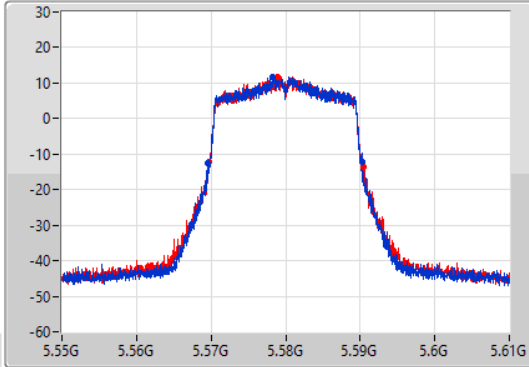
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

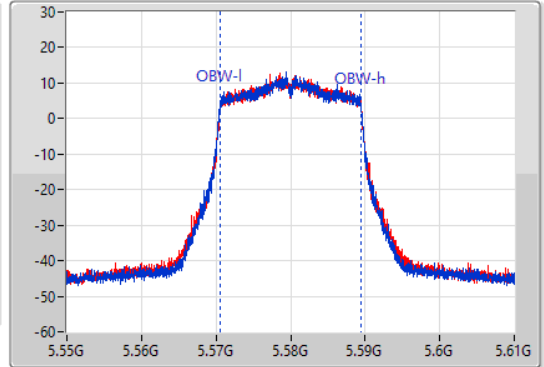
5580MHz

12/05/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.5695G	5.59023G	18.801M	5.570585G	5.589385G	Inf	1
20.73M	5.56965G	5.59038G	18.801M	5.570585G	5.589385G	Inf	2

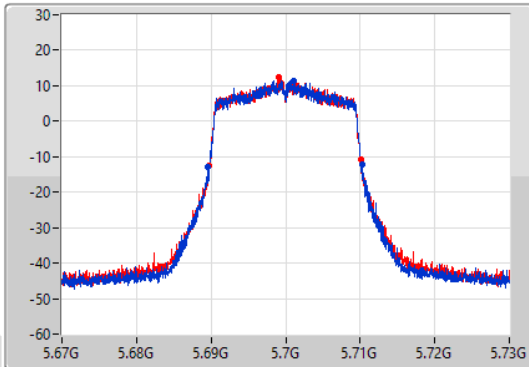
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

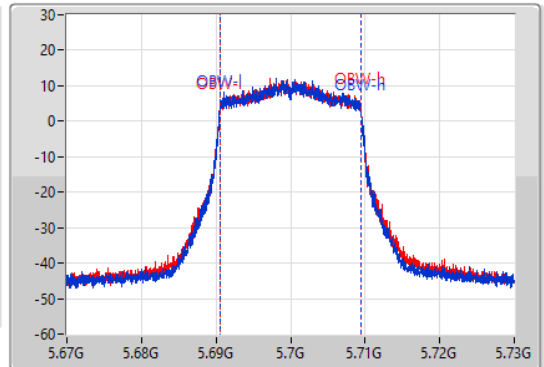
5700MHz

12/05/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



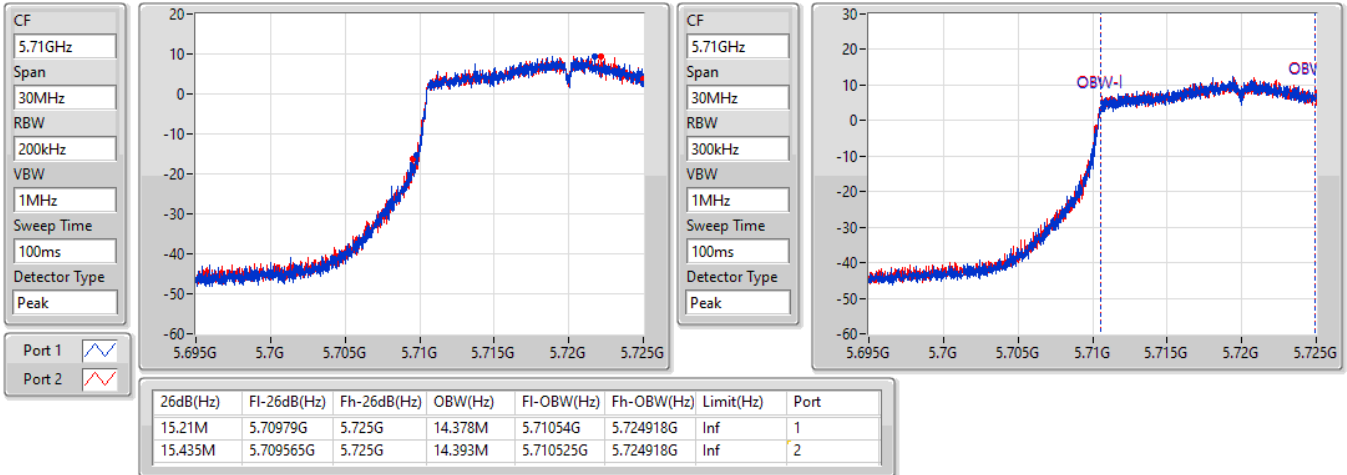
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.68959G	5.71026G	18.831M	5.690555G	5.709385G	Inf	1
20.43M	5.68971G	5.71014G	18.861M	5.690555G	5.709415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

12/05/2022

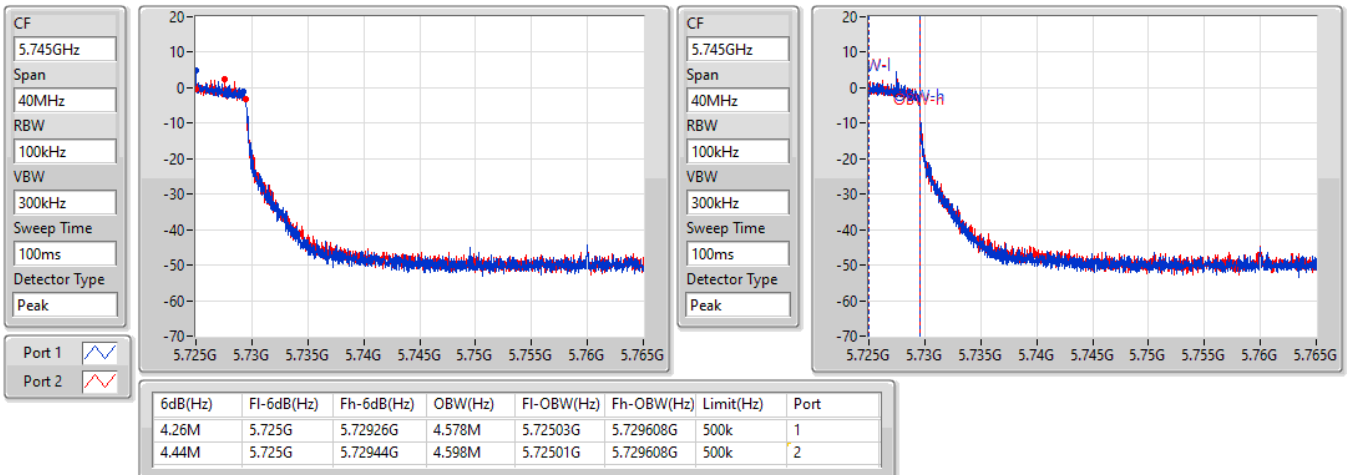


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

12/05/2022

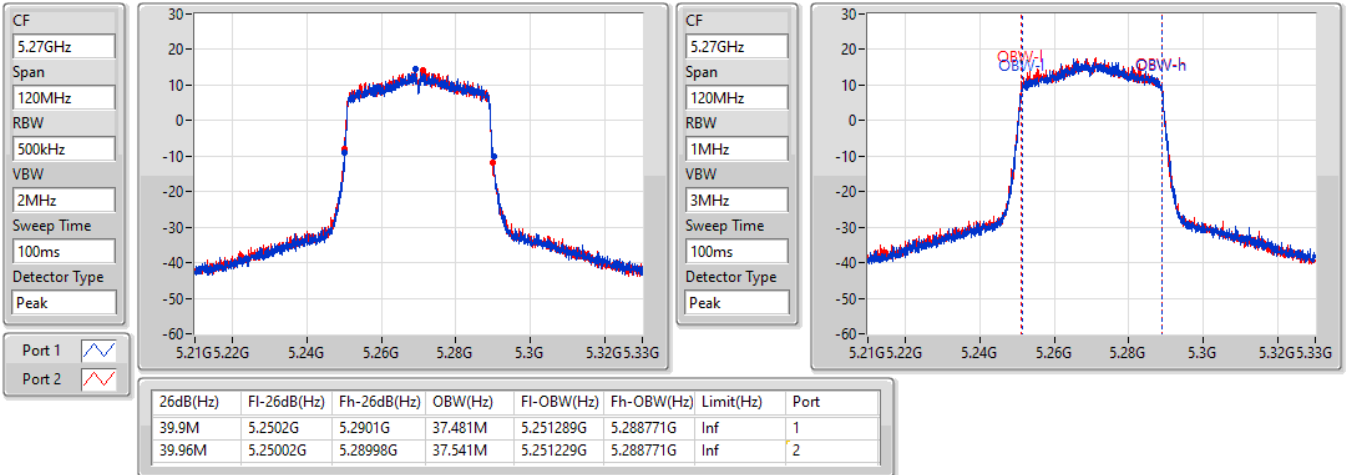


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

12/05/2022

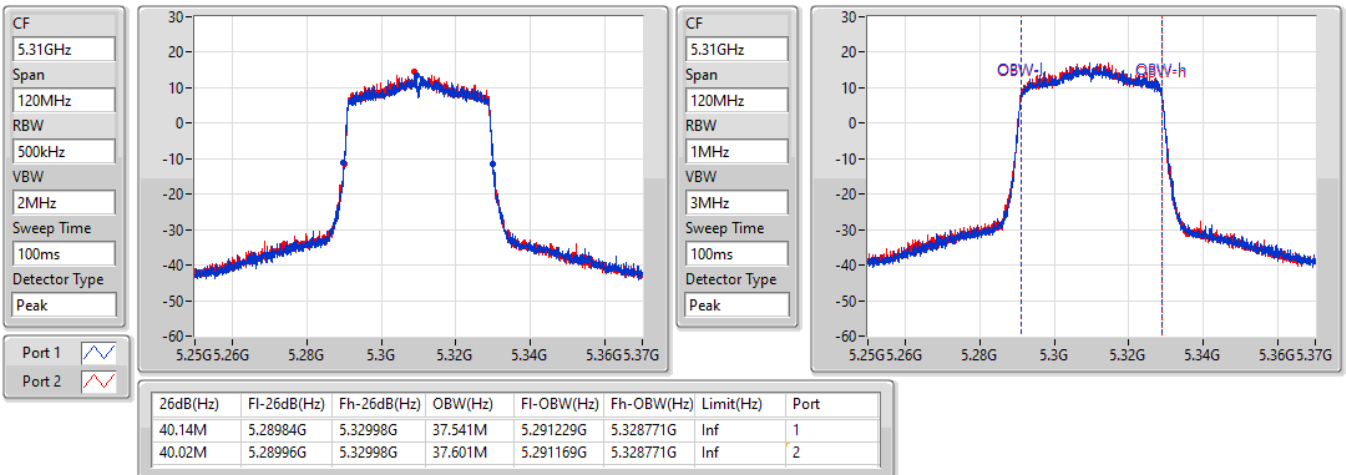


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

12/05/2022



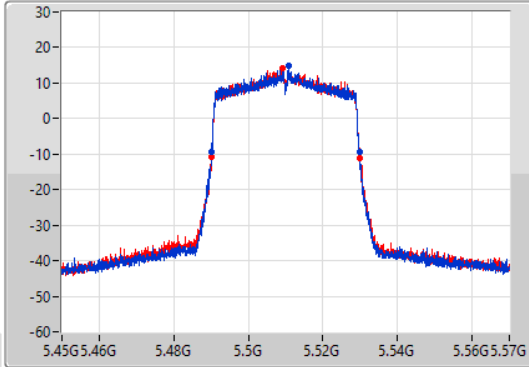
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

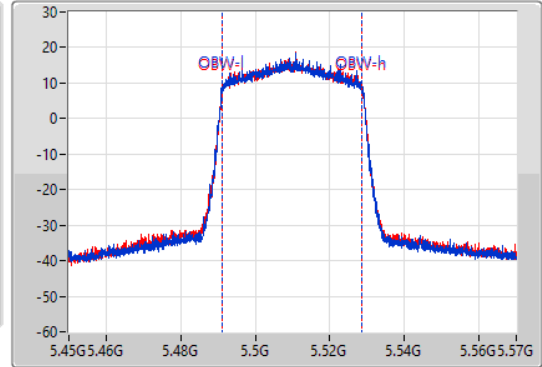
5510MHz

12/05/2022

CF
5.51GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.51GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.49008G	5.5298G	37.541M	5.491169G	5.528711G	Inf	1
39.96M	5.49008G	5.53004G	37.481M	5.491229G	5.528711G	Inf	2

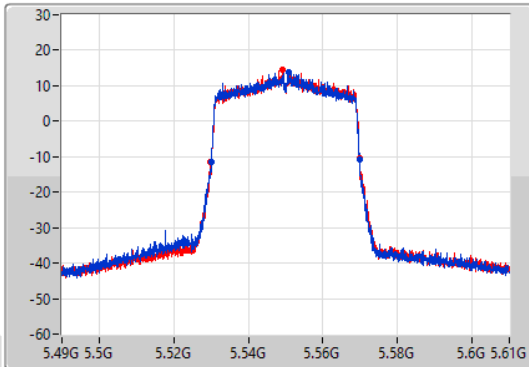
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

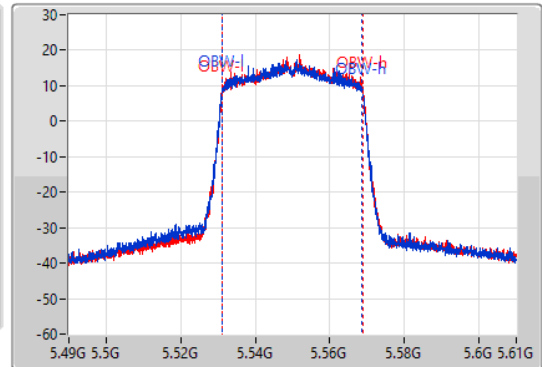
5550MHz

12/05/2022

CF
5.55GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.55GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.53008G	5.56986G	37.601M	5.531109G	5.568711G	Inf	1
40.02M	5.5299G	5.56992G	37.601M	5.531229G	5.568831G	Inf	2

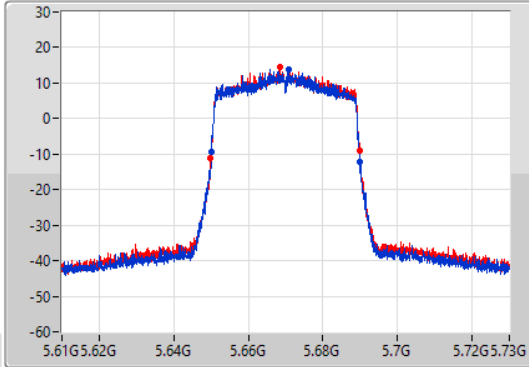
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

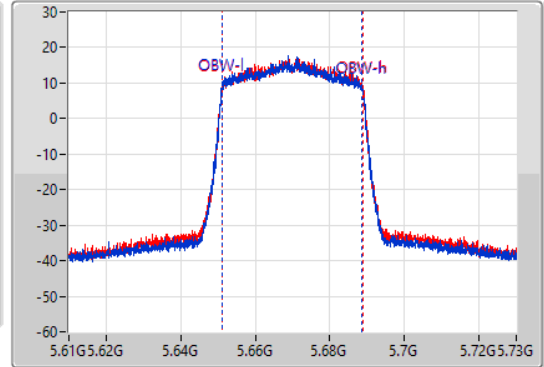
5670MHz

12/05/2022

CF
5.67GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.67GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.65002G	5.68998G	37.601M	5.651109G	5.688711G	Inf	1
40.08M	5.64978G	5.68986G	37.601M	5.651169G	5.688771G	Inf	2

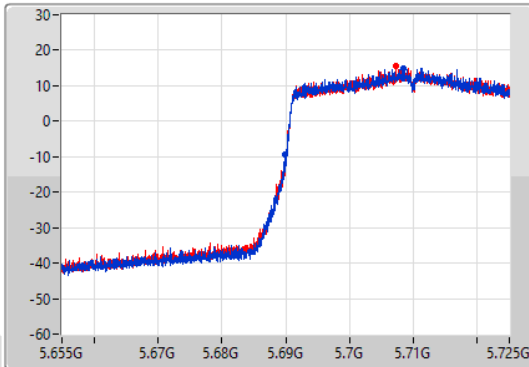
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

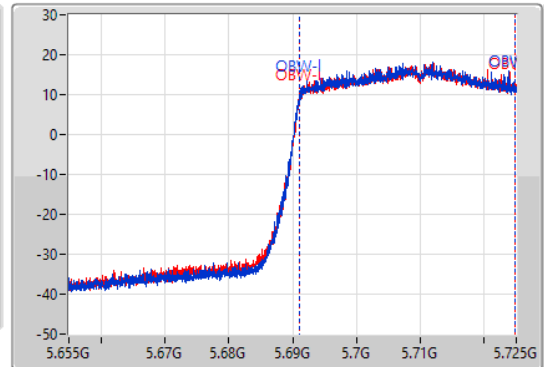
5710MHz Straddle 5.47-5.725GHz

12/05/2022

CF
5.69GHz
Span
70MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



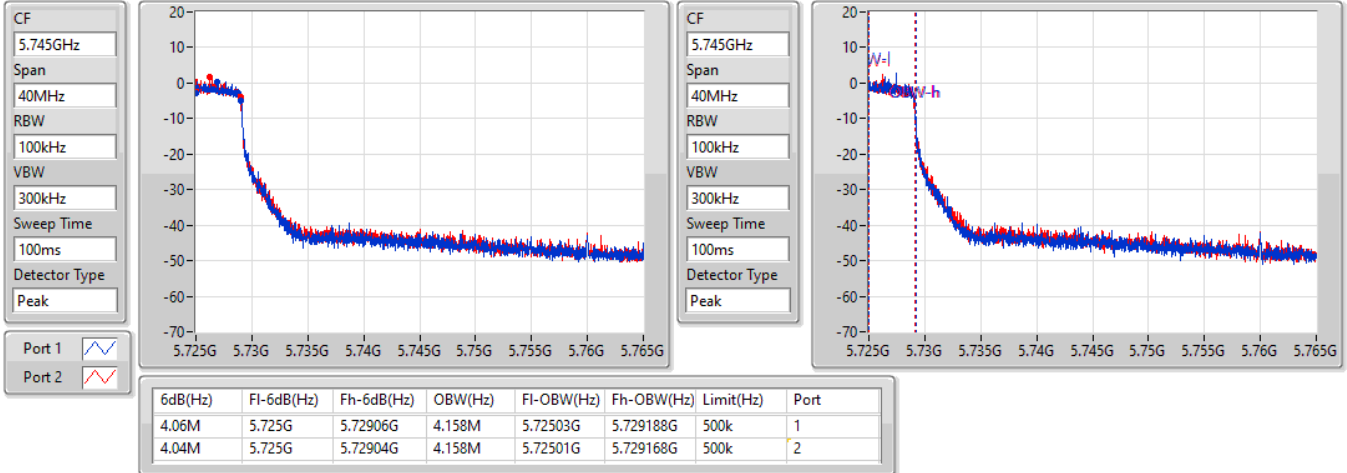
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.07M	5.68993G	5.725G	33.618M	5.691119G	5.724738G	Inf	1
35.035M	5.689965G	5.725G	33.618M	5.691119G	5.724738G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

12/05/2022

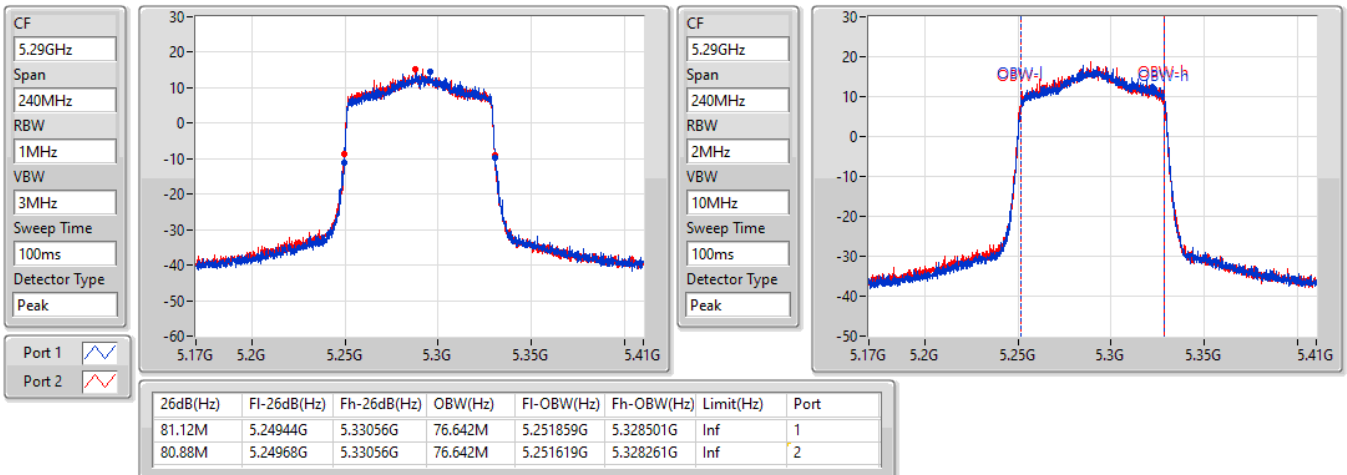


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

12/05/2022



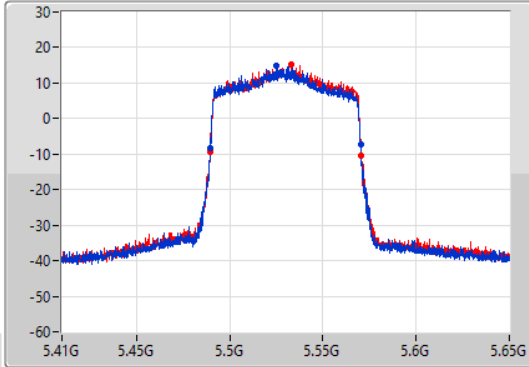
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

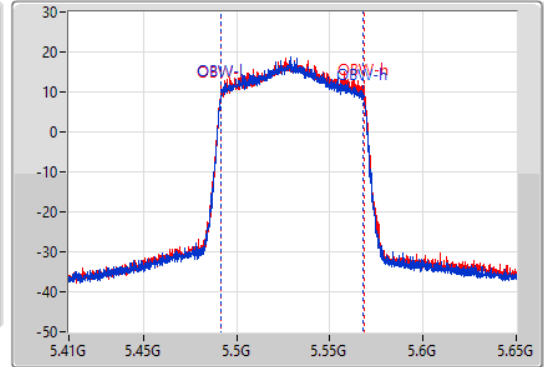
5530MHz

12/05/2022

CF
5.53GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.48944G	5.5702G	76.402M	5.491619G	5.568021G	Inf	1
81.24M	5.48944G	5.57068G	76.762M	5.491619G	5.568381G	Inf	2

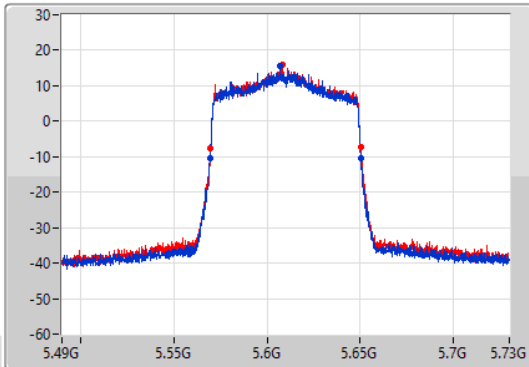
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

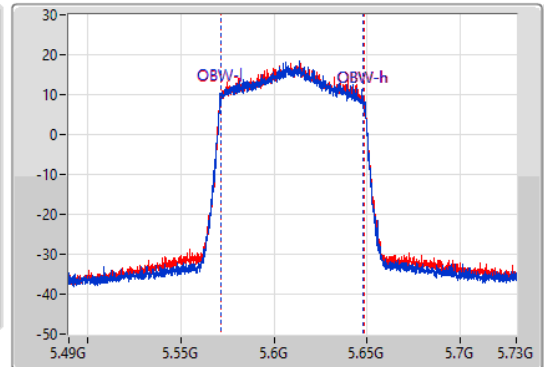
5610MHz

12/05/2022

CF
5.61GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



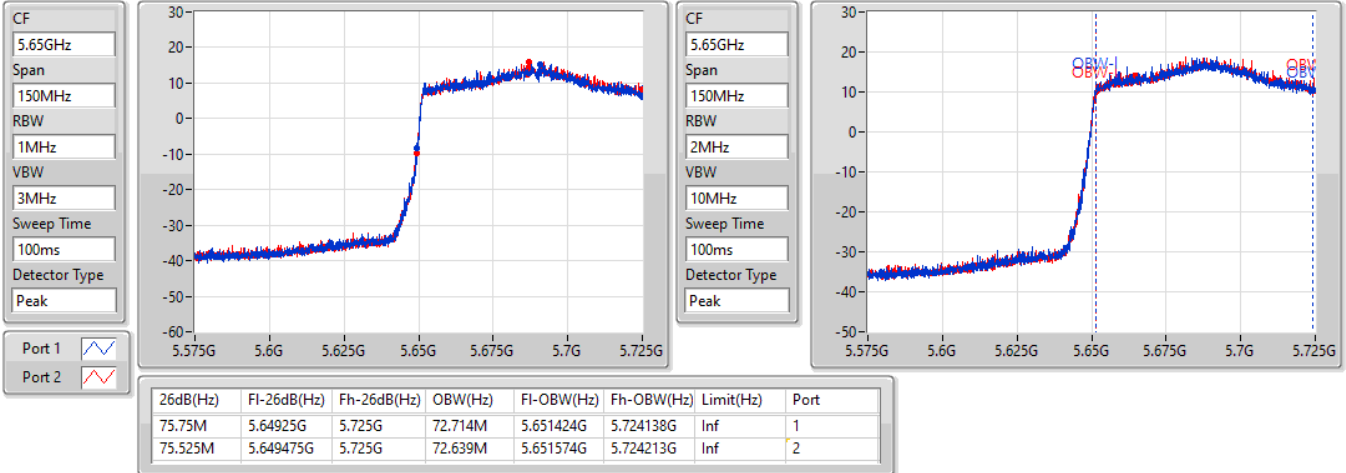
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.56944G	5.6502G	76.642M	5.571379G	5.648021G	Inf	1
80.88M	5.56956G	5.65044G	76.762M	5.571499G	5.648261G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

12/05/2022

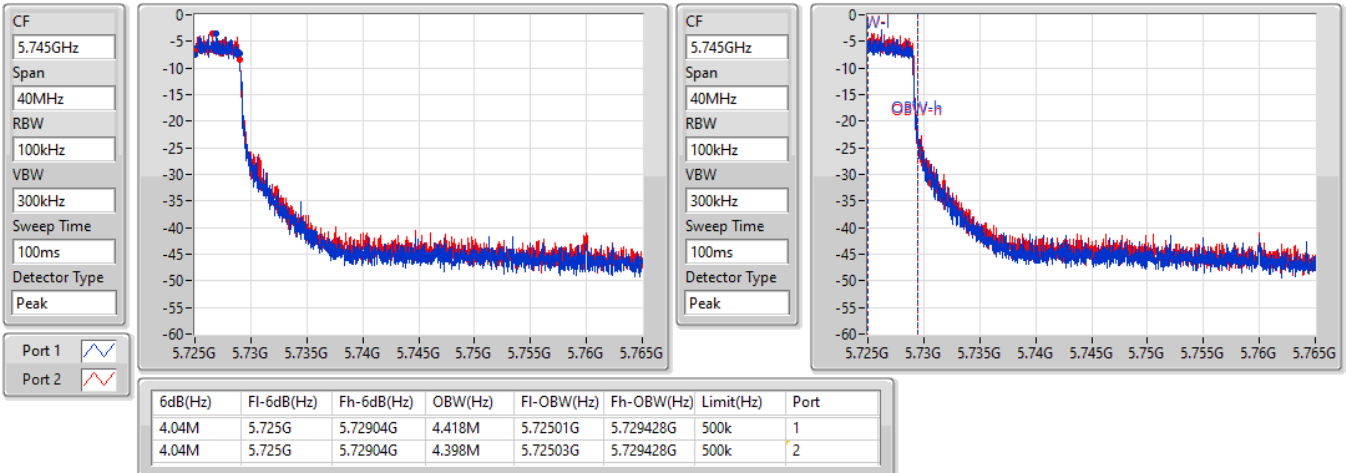


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

12/05/2022

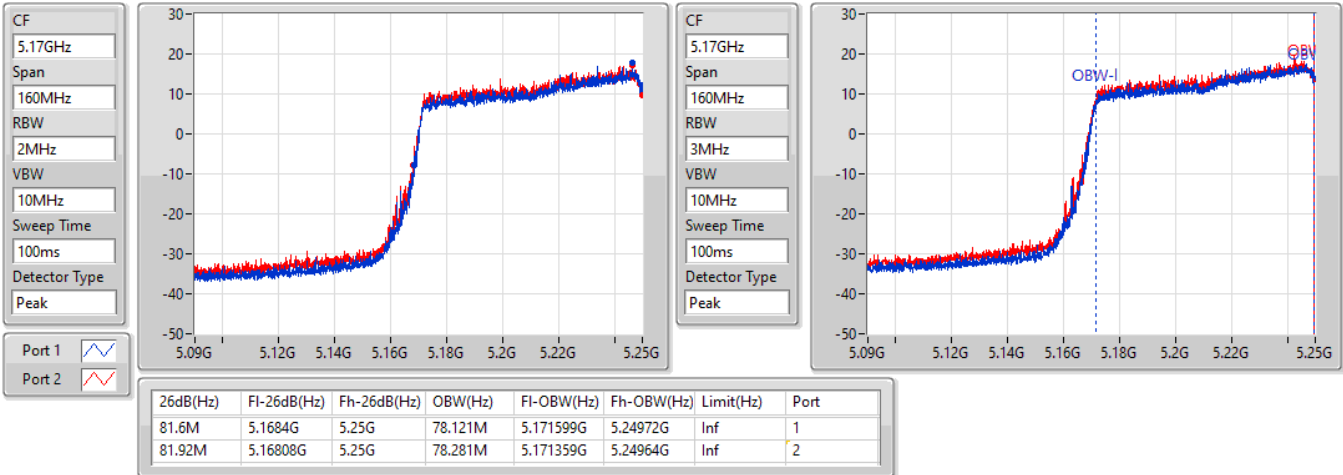


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

12/05/2022

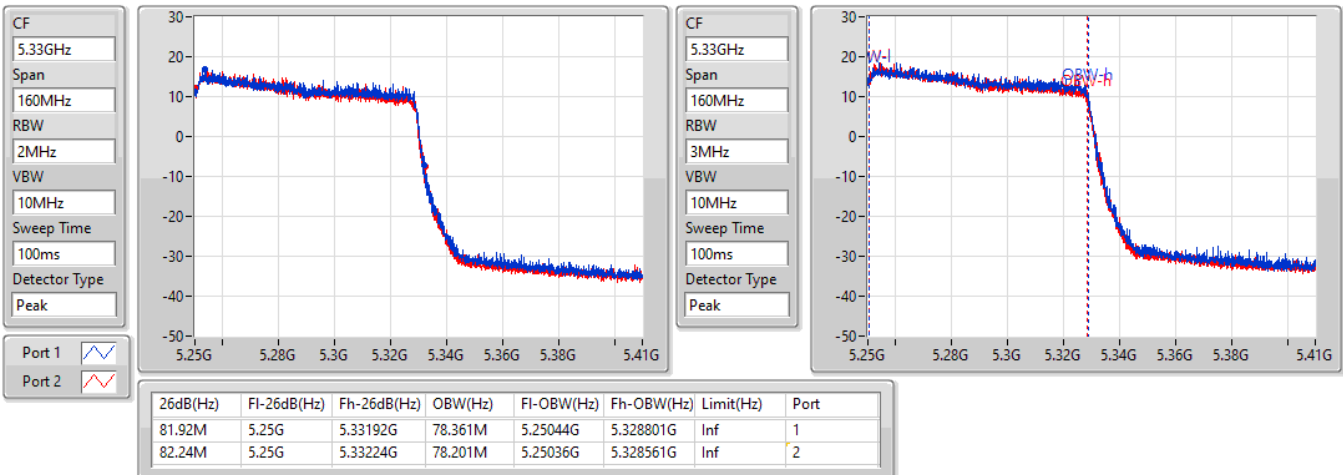


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

12/05/2022

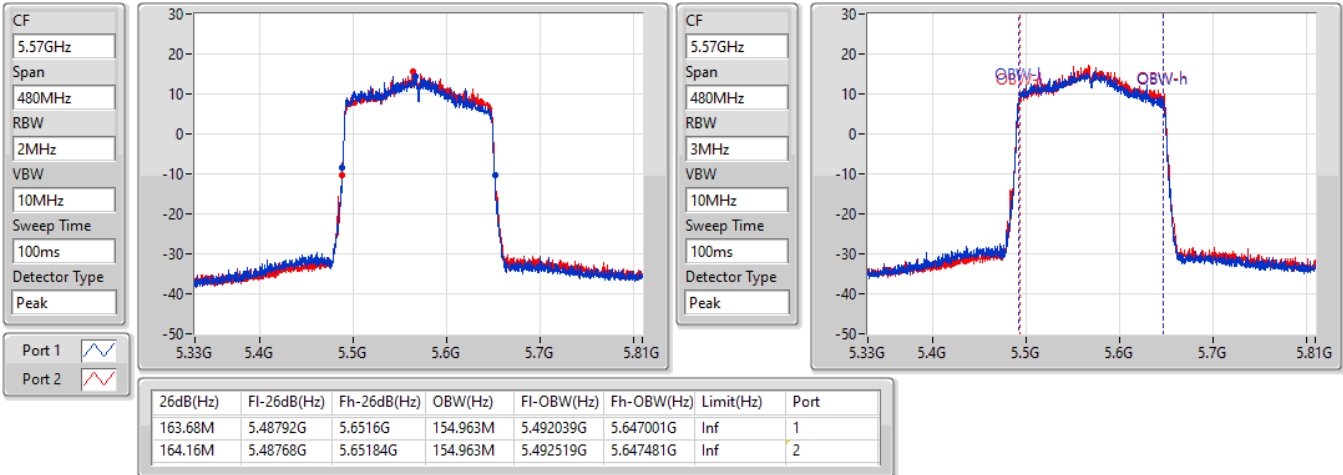


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

12/05/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	21.01	0.12618
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	21.01	0.12618
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.21	0.13213
802.11ax HEW20_Nss1,(MCS0)_2TX	21.86	0.15346
802.11ax HEW40_Nss1,(MCS0)_2TX	23.92	0.24660
802.11ax HEW80_Nss1,(MCS0)_2TX	23.65	0.23174
802.11ax HEW160_Nss1,(MCS0)_2TX	21.65	0.14622
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.86	0.15346
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.00	0.15849
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.70	0.14791
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	21.65	0.14622
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.22	0.13243
802.11ax HEW20_Nss1,(MCS0)_2TX	21.77	0.15031
802.11ax HEW40_Nss1,(MCS0)_2TX	23.68	0.23335
802.11ax HEW80_Nss1,(MCS0)_2TX	23.90	0.24547
802.11ax HEW160_Nss1,(MCS0)_2TX	23.66	0.23227
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.77	0.15031
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.11	0.16255
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.01	0.15885
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	22.13	0.16331
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.31	0.01352
802.11ax HEW20_Nss1,(MCS0)_2TX	12.49	0.01774
802.11ax HEW40_Nss1,(MCS0)_2TX	11.33	0.01358
802.11ax HEW80_Nss1,(MCS0)_2TX	6.99	0.00500
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.49	0.01774
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.71	0.00935
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.44	0.00350



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.80	17.93	17.95	20.95	23.73
5300MHz	Pass	4.80	17.95	18.25	21.11	23.72
5320MHz	Pass	4.80	18.08	18.31	21.21	23.78
5500MHz	Pass	4.80	18.22	18.20	21.22	23.72
5580MHz	Pass	4.80	17.77	17.86	20.83	23.76
5700MHz	Pass	4.80	18.15	18.24	21.21	23.83
5720MHz Straddle 5.47-5.725GHz	Pass	4.80	16.38	16.48	19.44	22.59
5720MHz Straddle 5.725-5.85GHz	Pass	4.80	8.29	8.31	11.31	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.80	18.70	18.99	21.86	23.98
5300MHz	Pass	4.80	18.38	18.56	21.48	23.98
5320MHz	Pass	4.80	18.41	18.66	21.55	23.98
5500MHz	Pass	4.80	18.47	18.56	21.53	23.98
5580MHz	Pass	4.80	18.71	18.80	21.77	23.98
5700MHz	Pass	4.80	18.50	18.54	21.53	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.80	16.65	16.68	19.68	22.82
5720MHz Straddle 5.725-5.85GHz	Pass	4.80	9.52	9.44	12.49	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.80	20.84	20.97	23.92	23.98
5310MHz	Pass	4.80	20.48	20.71	23.61	23.98
5510MHz	Pass	4.80	20.43	20.61	23.53	23.98
5550MHz	Pass	4.80	20.58	20.64	23.62	23.98
5670MHz	Pass	4.80	20.44	20.88	23.68	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.80	20.36	20.32	23.35	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.80	8.38	8.25	11.33	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.80	20.54	20.73	23.65	23.98
5530MHz	Pass	4.80	20.64	21.12	23.90	23.98
5610MHz	Pass	4.80	20.37	20.78	23.59	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.80	20.34	20.53	23.45	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.80	3.84	4.12	6.99	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.80	17.62	18.35	21.01	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.80	18.77	18.51	21.65	23.98
5570MHz	Pass	4.80	20.43	20.86	23.66	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.76	18.70	18.99	21.86	22.22
5300MHz	Pass	7.76	18.38	18.56	21.48	22.22
5320MHz	Pass	7.76	18.41	18.66	21.55	22.22
5500MHz	Pass	7.76	18.47	18.56	21.53	22.22
5580MHz	Pass	7.76	18.71	18.80	21.77	22.22
5700MHz	Pass	7.76	18.50	18.54	21.53	22.22
5720MHz Straddle 5.47-5.725GHz	Pass	7.76	16.65	16.68	19.68	22.22
5720MHz Straddle 5.725-5.85GHz	Pass	7.76	9.52	9.44	12.49	28.24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.76	18.69	18.75	21.73	22.22
5310MHz	Pass	7.76	18.84	19.13	22.00	22.22
5510MHz	Pass	7.76	18.88	18.98	21.94	22.22
5550MHz	Pass	7.76	18.91	19.04	21.99	22.22
5670MHz	Pass	7.76	19.00	19.20	22.11	22.22
5710MHz Straddle 5.47-5.725GHz	Pass	7.76	18.64	18.72	21.69	22.22
5710MHz Straddle 5.725-5.85GHz	Pass	7.76	6.71	6.69	9.71	28.24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.76	18.76	18.62	21.70	22.22

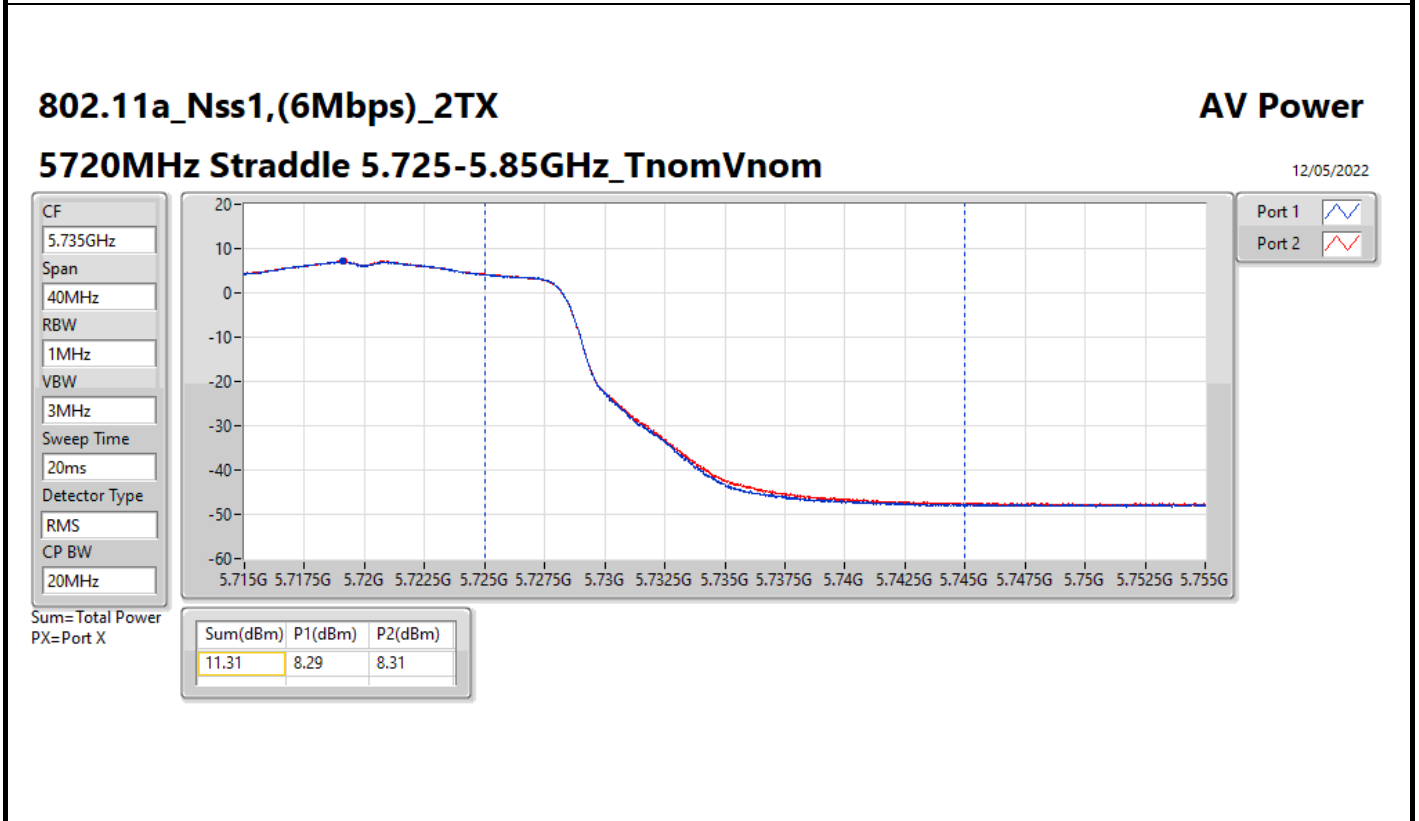
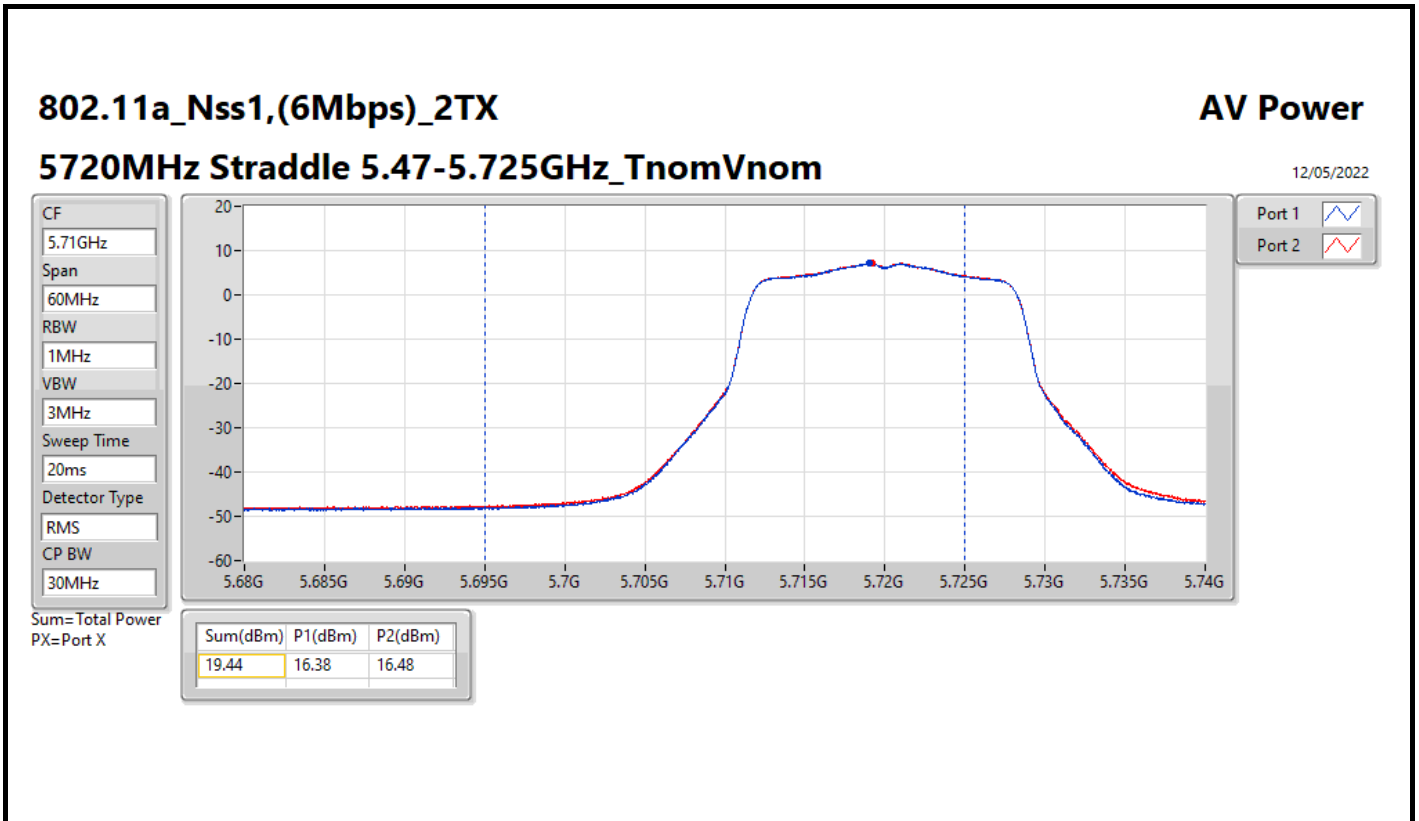


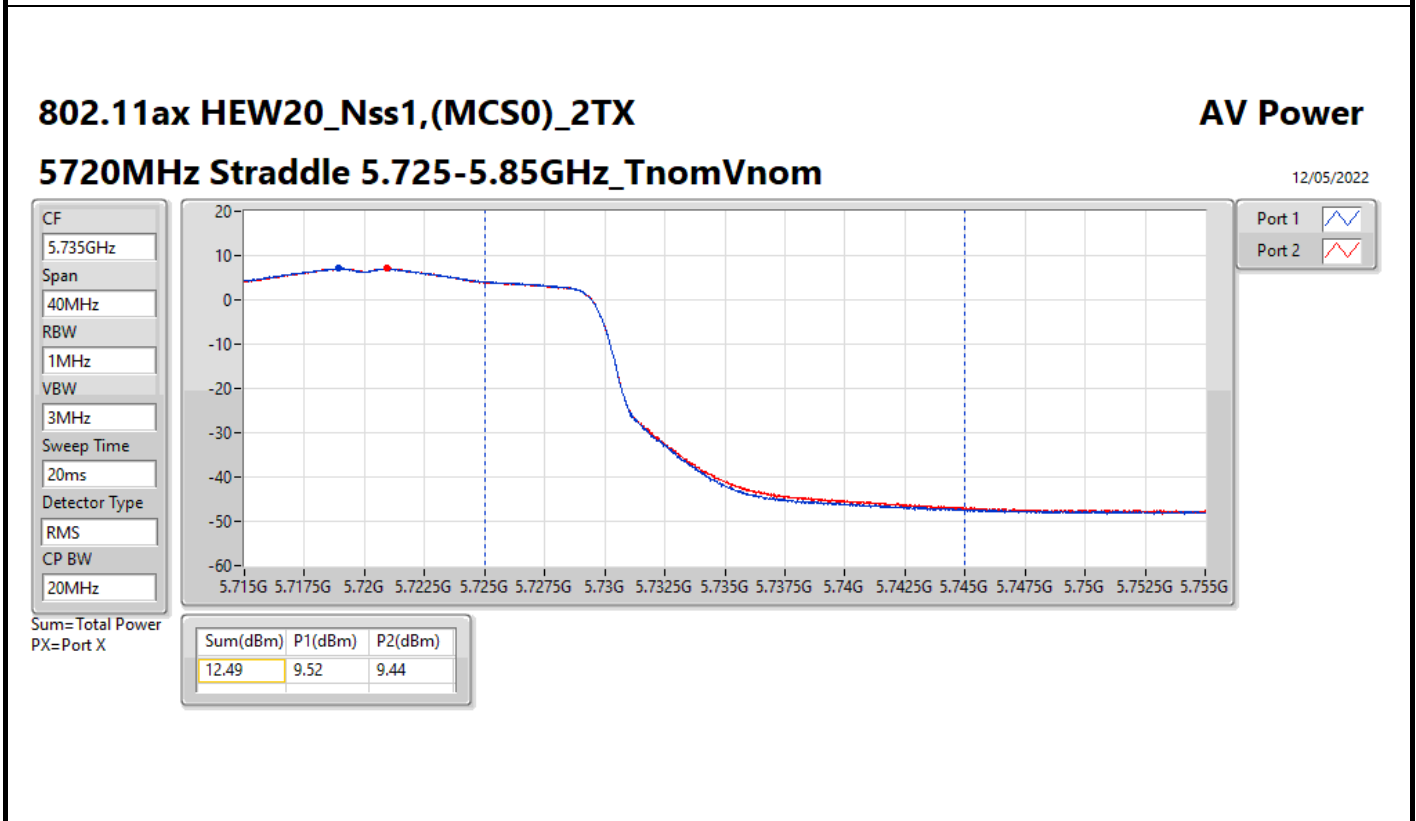
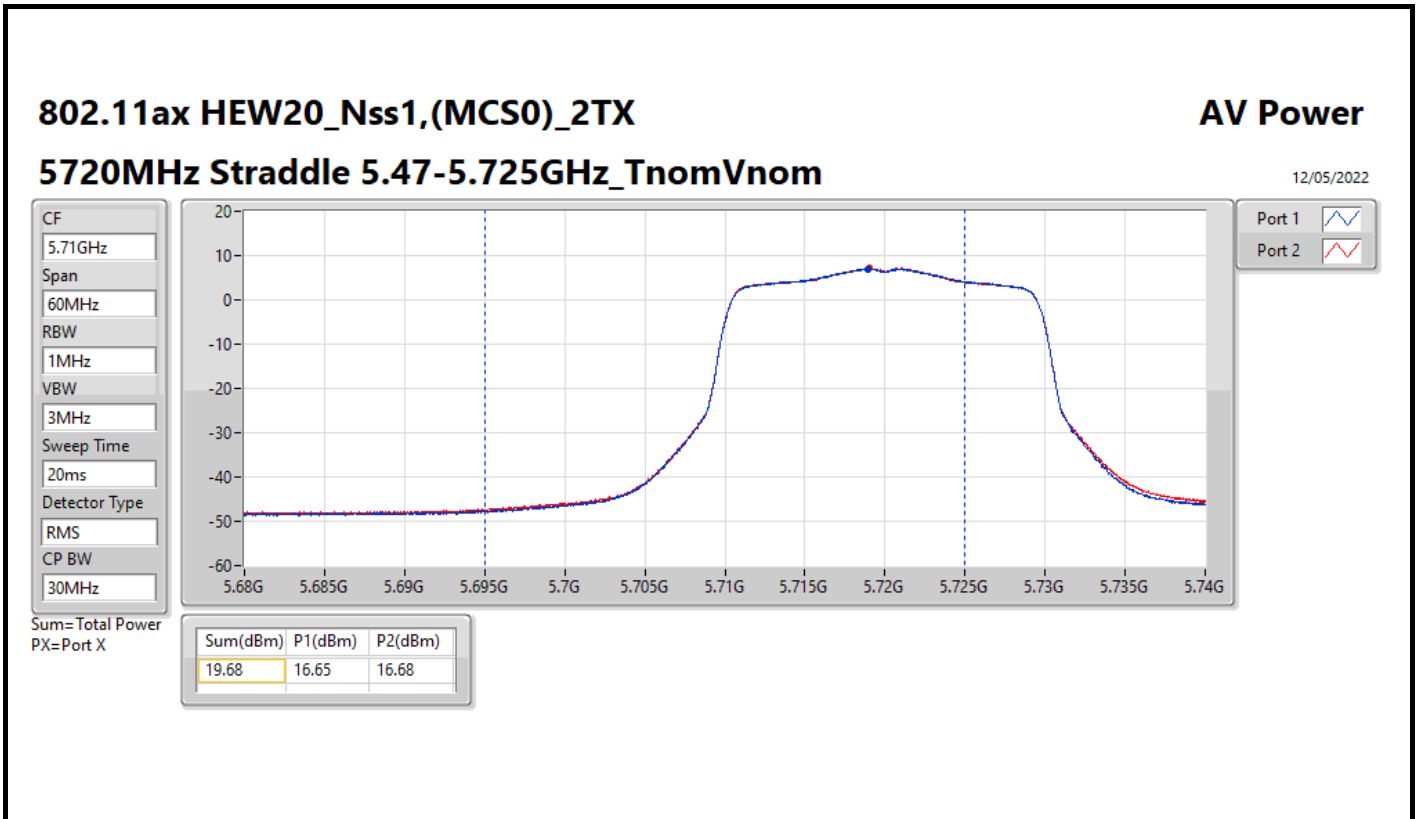
Average Power

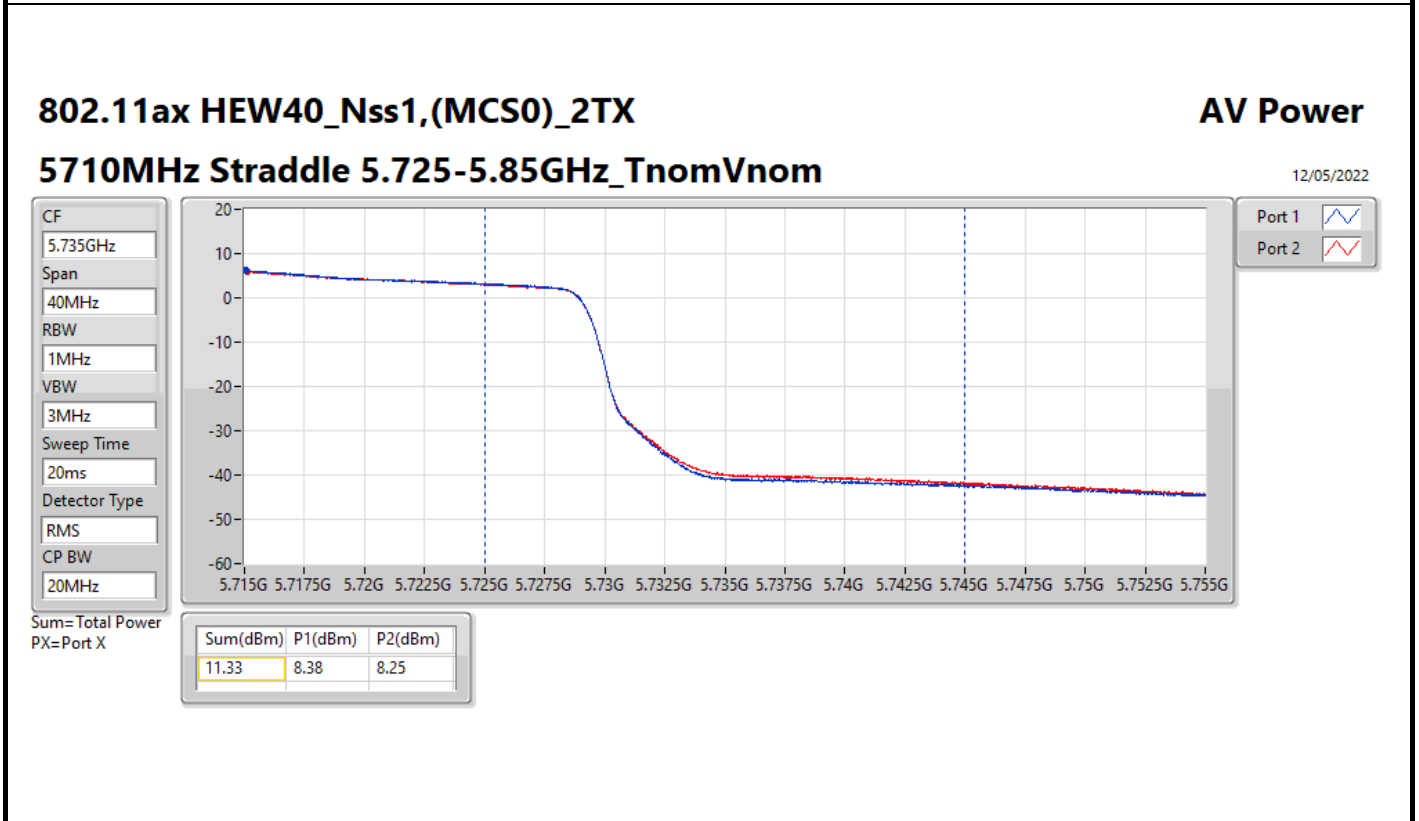
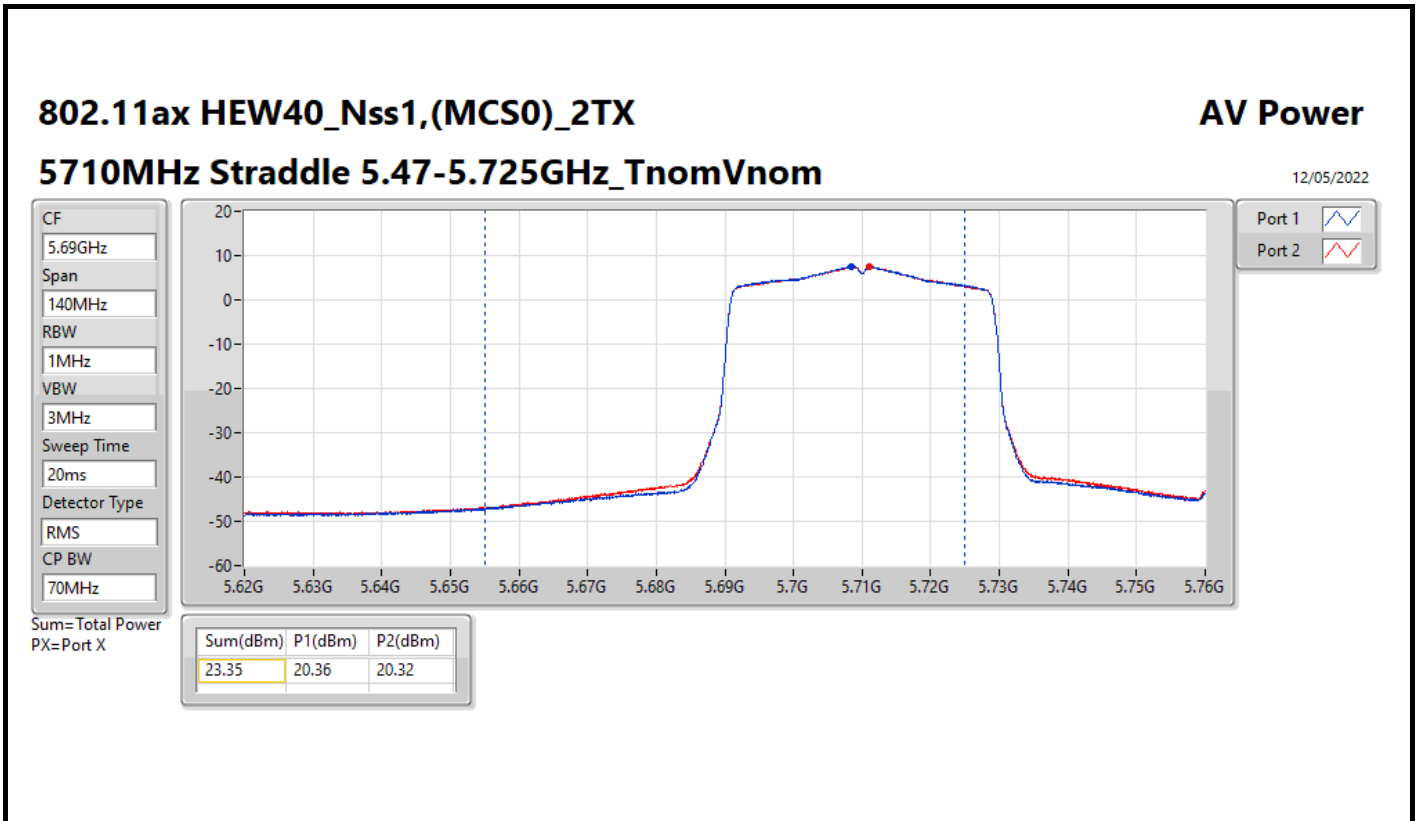
Appendix B

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5530MHz	Pass	7.76	18.75	19.24	22.01	22.22
5610MHz	Pass	7.76	18.69	18.77	21.74	22.22
5690MHz Straddle 5.47-5.725GHz	Pass	7.76	18.69	19.04	21.88	22.22
5690MHz Straddle 5.725-5.85GHz	Pass	7.76	2.23	2.63	5.44	28.24
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.76	17.62	18.35	21.01	28.24
5250MHz Straddle 5.25-5.35GHz	Pass	7.76	18.77	18.51	21.65	22.22
5570MHz	Pass	7.76	19.04	19.19	22.13	22.22

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







802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

CF
5.65GHz

Span
300MHz

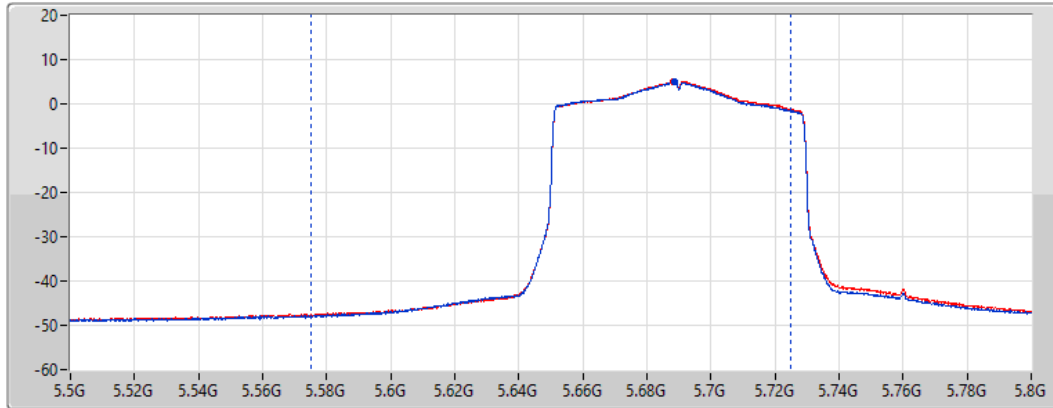
RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS

CP BW
150MHz



Port 1 

Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.45	20.34	20.53

802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022

CF
5.735GHz

Span
40MHz

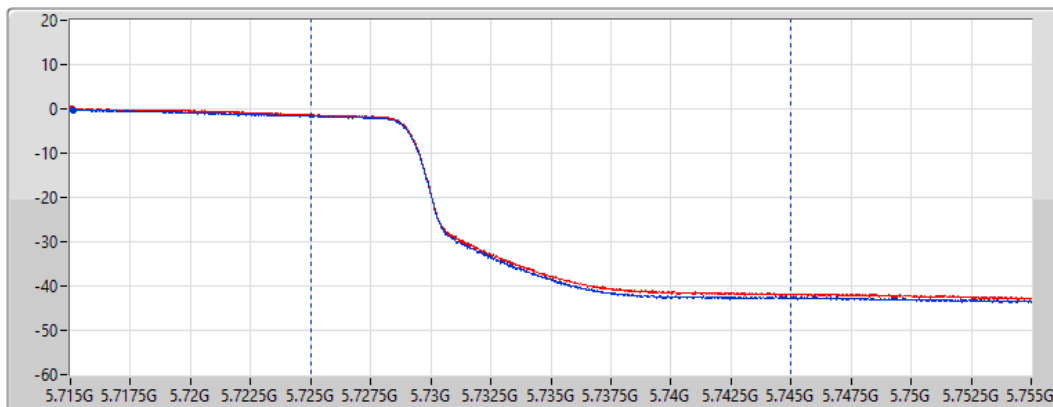
RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Port 1 

Port 2 

Sum= Total Power
PX=Port X

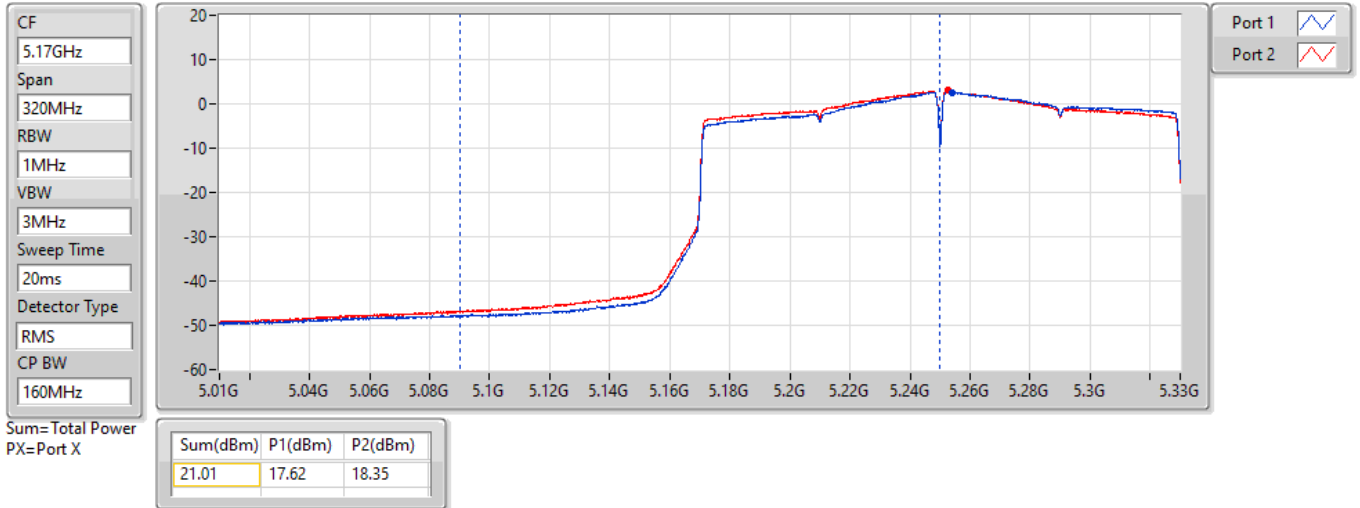
Sum(dBm)	P1(dBm)	P2(dBm)
6.99	3.84	4.12

802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

12/05/2022

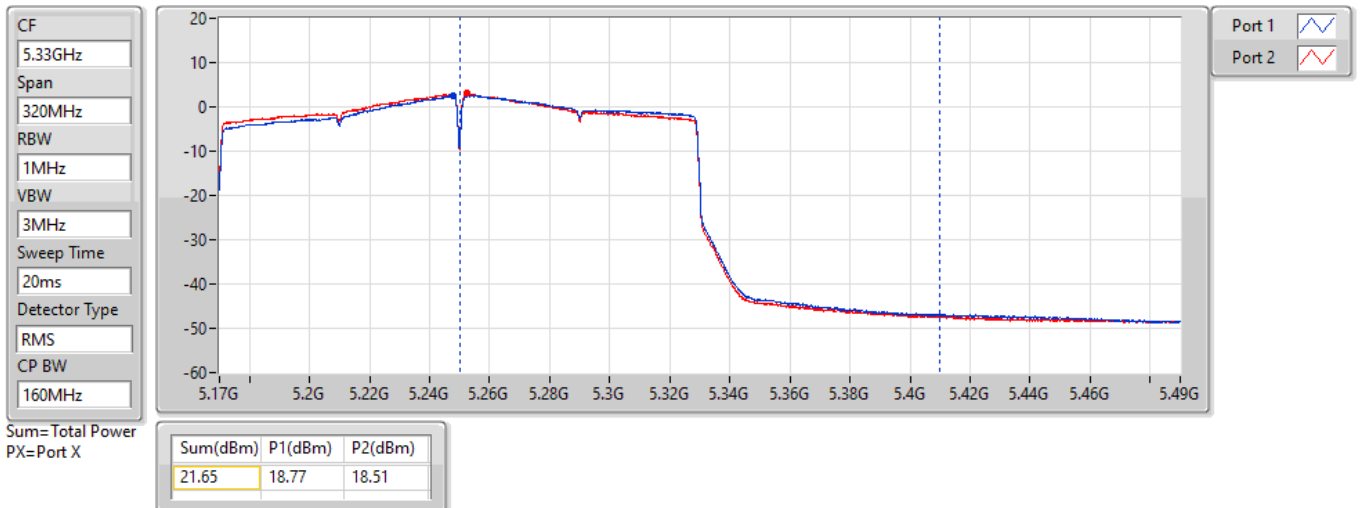


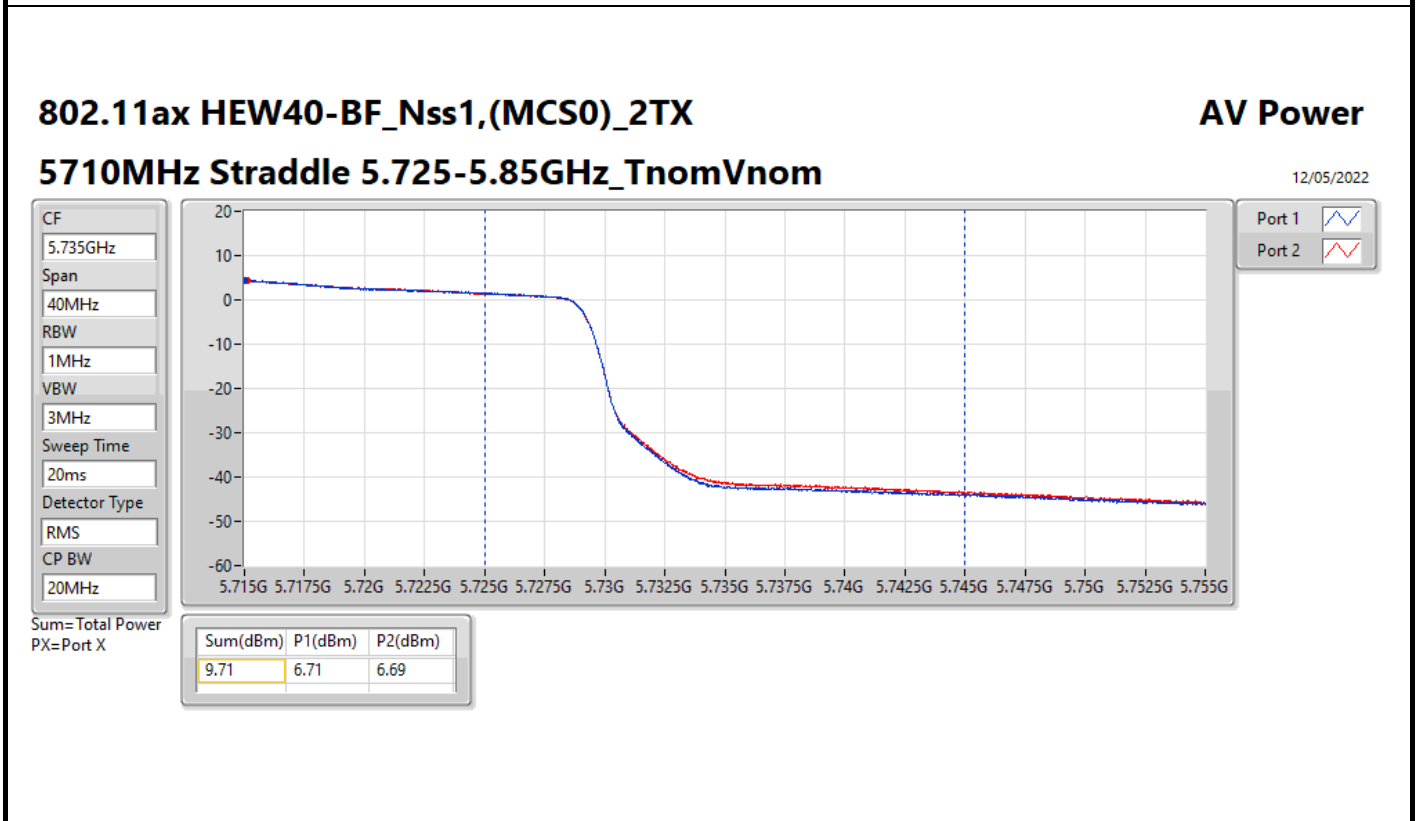
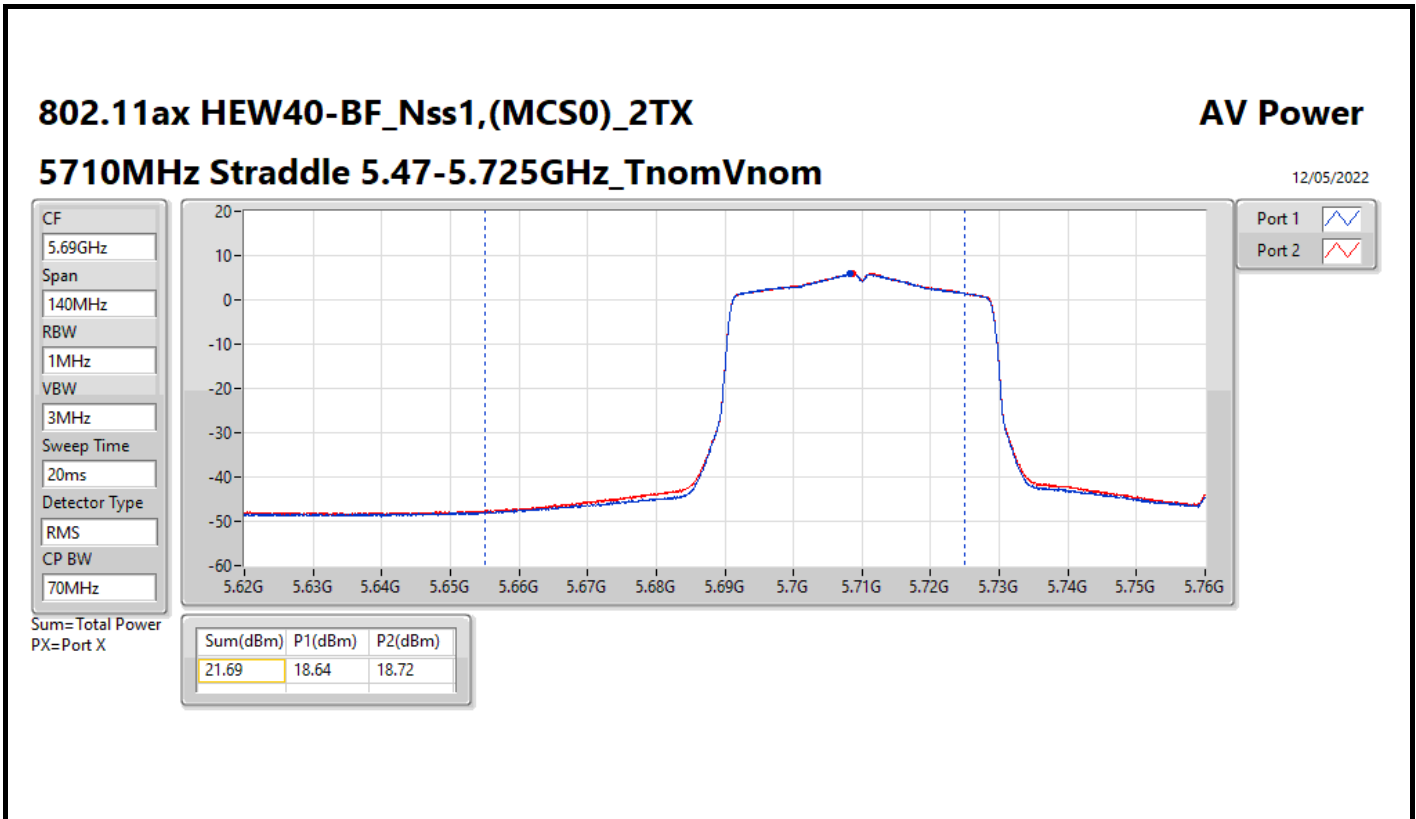
802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

12/05/2022



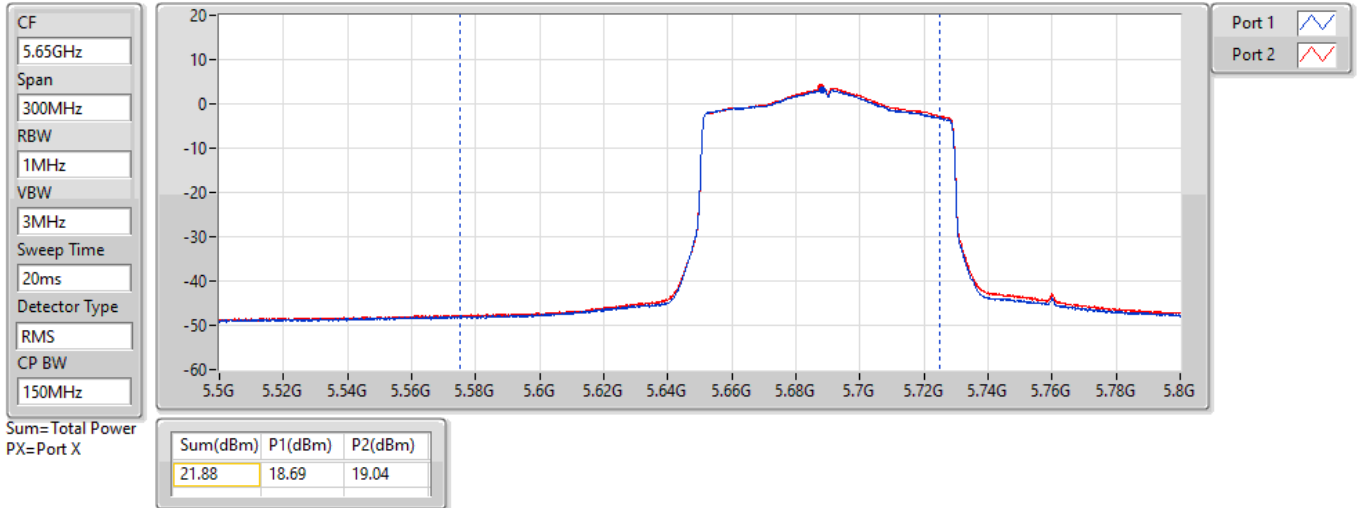


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

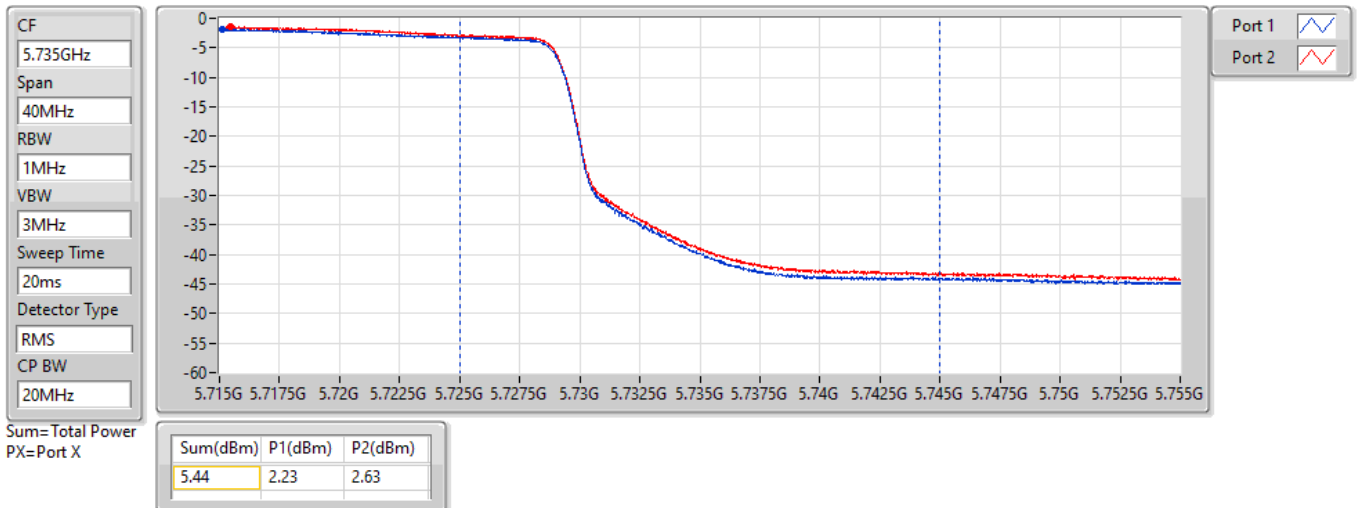


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_2TX	4.22
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.95
802.11ax HEW20_Nss1,(MCS0)_2TX	9.18
802.11ax HEW40_Nss1,(MCS0)_2TX	8.50
802.11ax HEW80_Nss1,(MCS0)_2TX	5.77
802.11ax HEW160_Nss1,(MCS0)_2TX	4.30
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.04
802.11ax HEW20_Nss1,(MCS0)_2TX	9.11
802.11ax HEW40_Nss1,(MCS0)_2TX	9.16
802.11ax HEW80_Nss1,(MCS0)_2TX	6.60
802.11ax HEW160_Nss1,(MCS0)_2TX	2.89
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	4.23
802.11ax HEW20_Nss1,(MCS0)_2TX	3.98
802.11ax HEW40_Nss1,(MCS0)_2TX	3.11
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.51

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	7.76	5.84	5.79	8.75	9.24
5300MHz	Pass	7.76	5.77	6.06	8.89	9.24
5320MHz	Pass	7.76	5.91	6.13	8.95	9.24
5500MHz	Pass	7.76	6.03	6.14	9.01	9.24
5580MHz	Pass	7.76	5.74	5.79	8.75	9.24
5700MHz	Pass	7.76	6.03	6.12	9.04	9.24
5720MHz Straddle 5.47-5.725GHz	Pass	7.76	5.74	5.84	8.77	9.24
5720MHz Straddle 5.725-5.85GHz	Pass	7.76	1.15	1.31	4.23	28.24
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.76	6.08	6.32	9.18	9.24
5300MHz	Pass	7.76	5.68	5.90	8.72	9.24
5320MHz	Pass	7.76	5.80	5.84	8.70	9.24
5500MHz	Pass	7.76	5.91	5.91	8.86	9.24
5580MHz	Pass	7.76	6.10	6.22	9.11	9.24
5700MHz	Pass	7.76	5.82	6.02	8.89	9.24
5720MHz Straddle 5.47-5.725GHz	Pass	7.76	5.62	5.75	8.70	9.24
5720MHz Straddle 5.725-5.85GHz	Pass	7.76	1.20	0.89	3.98	28.24
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.76	5.49	5.57	8.50	9.24
5310MHz	Pass	7.76	5.02	5.25	8.09	9.24
5510MHz	Pass	7.76	5.29	5.26	8.27	9.24
5550MHz	Pass	7.76	5.18	5.27	8.16	9.24
5670MHz	Pass	7.76	5.03	5.44	8.25	9.24
5710MHz Straddle 5.47-5.725GHz	Pass	7.76	6.15	6.15	9.16	9.24
5710MHz Straddle 5.725-5.85GHz	Pass	7.76	0.23	-0.01	3.11	28.24
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.76	2.67	2.88	5.77	9.24
5530MHz	Pass	7.76	3.03	3.30	6.11	9.24
5610MHz	Pass	7.76	2.66	3.01	5.80	9.24
5690MHz Straddle 5.47-5.725GHz	Pass	7.76	3.45	3.72	6.60	9.24
5690MHz Straddle 5.725-5.85GHz	Pass	7.76	-4.58	-4.45	-1.51	28.24
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.76	1.18	1.32	4.22	15.24
5250MHz Straddle 5.25-5.35GHz	Pass	7.76	1.09	1.49	4.30	9.24
5570MHz	Pass	7.76	-0.45	0.24	2.89	9.24

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

12/05/2022

CF
5.26GHz

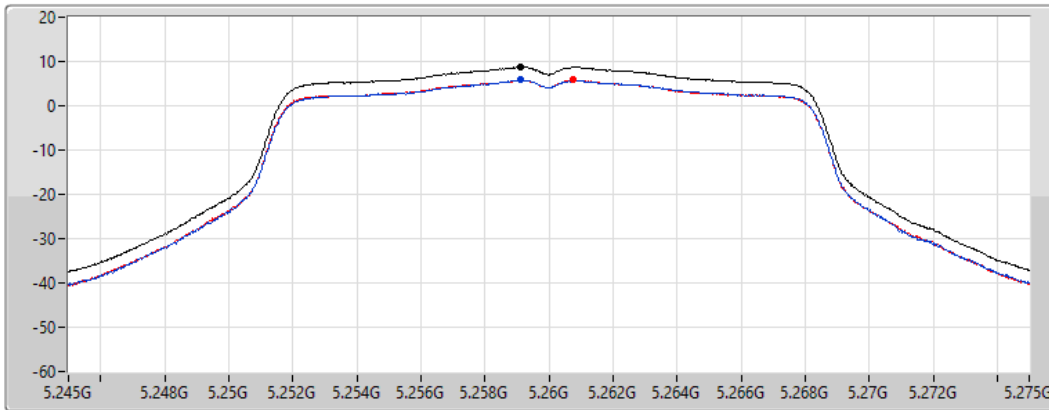
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	5.84	5.79

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

12/05/2022

CF
5.3GHz

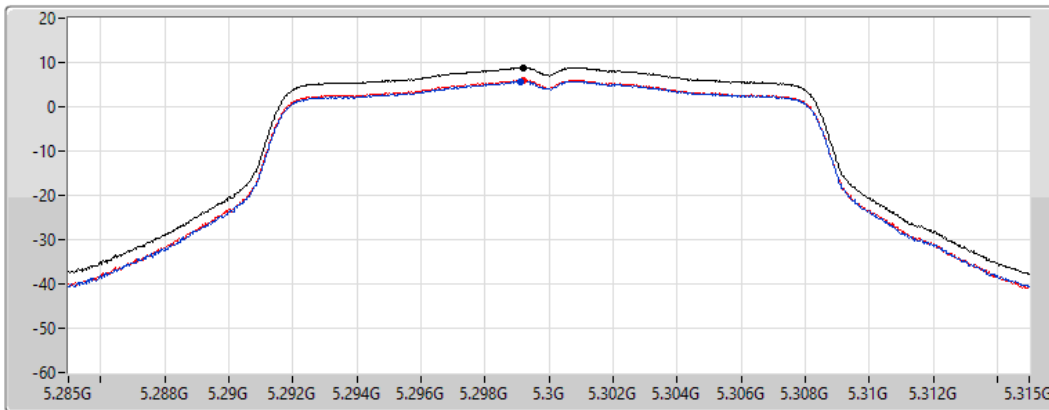
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	5.77	6.06

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

12/05/2022

CF
5.32GHz

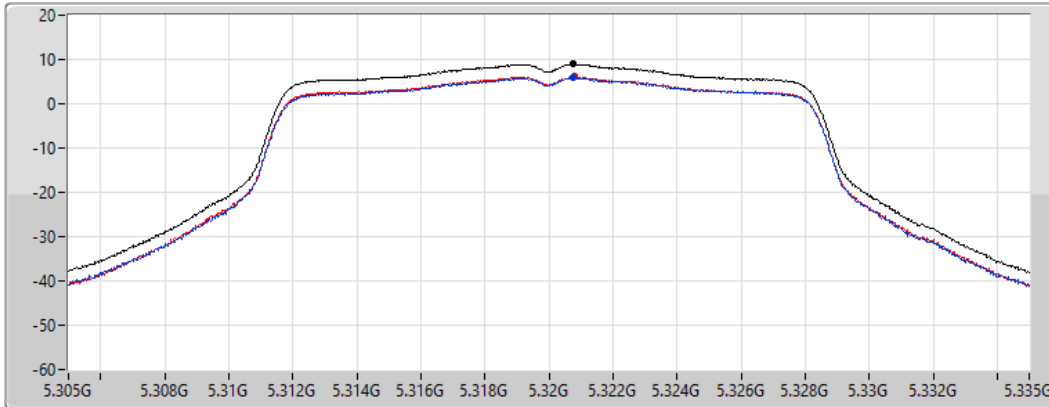
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	5.91	6.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

12/05/2022

CF
5.5GHz

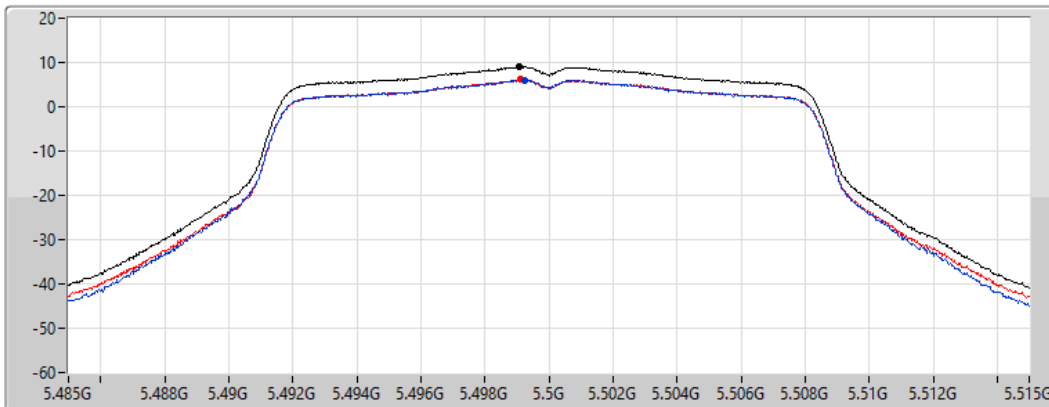
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	6.03	6.14

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

12/05/2022

CF
5.58GHz

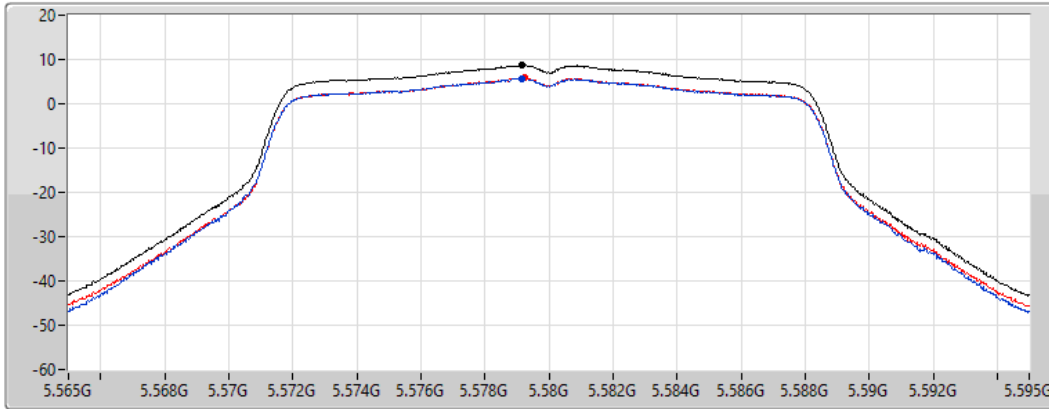
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	5.74	5.79

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

12/05/2022

CF
5.7GHz

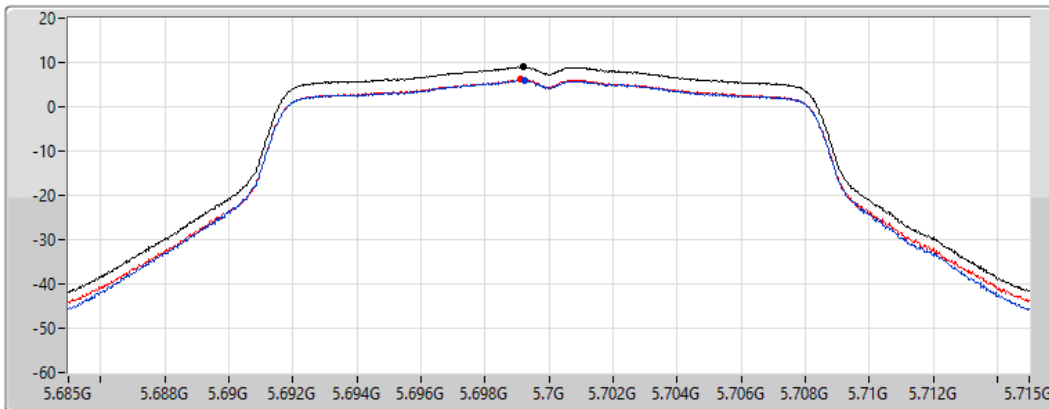
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	6.03	6.12

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

12/05/2022

CF
5.71GHz

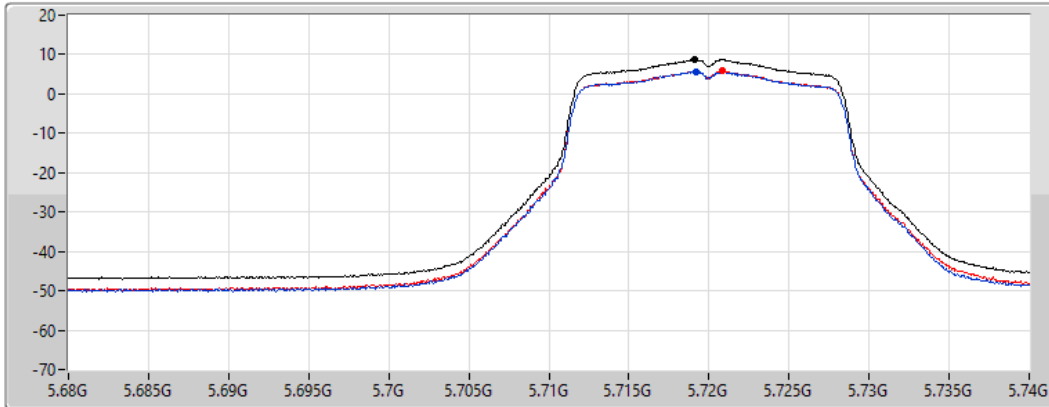
Span
60MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	5.74	5.84

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

12/05/2022

CF
5.735GHz

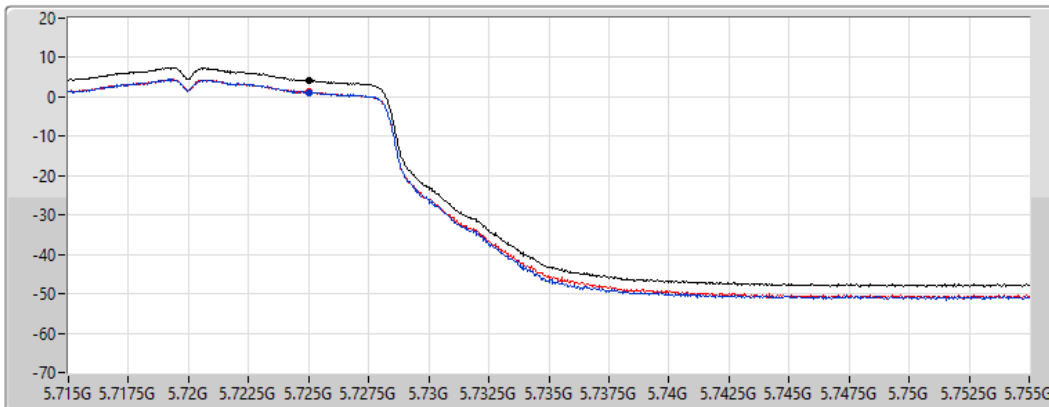
Span
40MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	1.15	1.31

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

12/05/2022

CF
5.26GHz

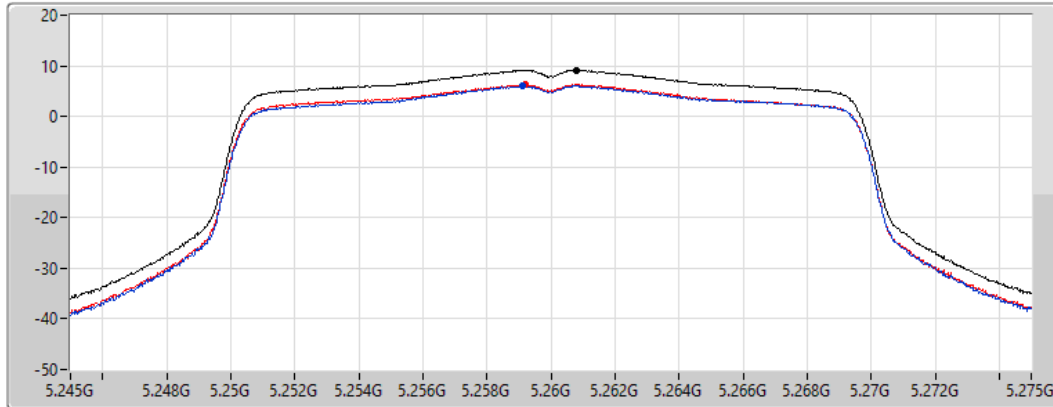
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.08	6.32

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

12/05/2022

CF
5.3GHz

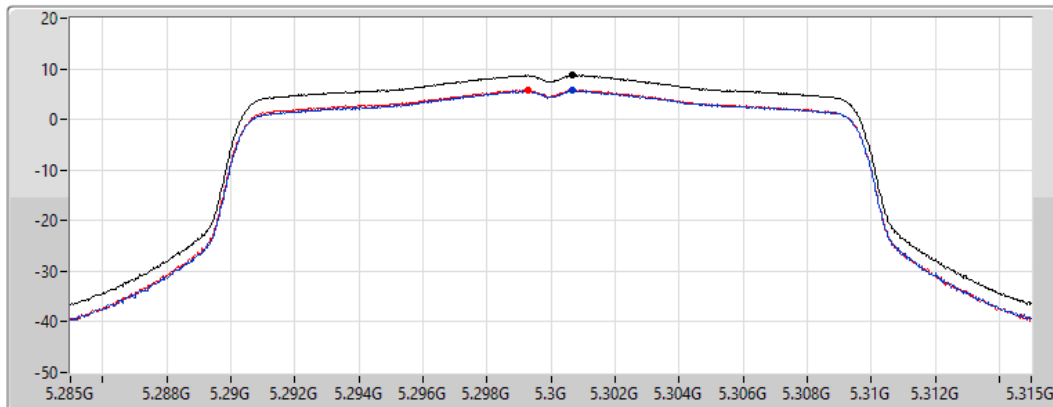
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	5.68	5.90

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

12/05/2022

CF
5.32GHz

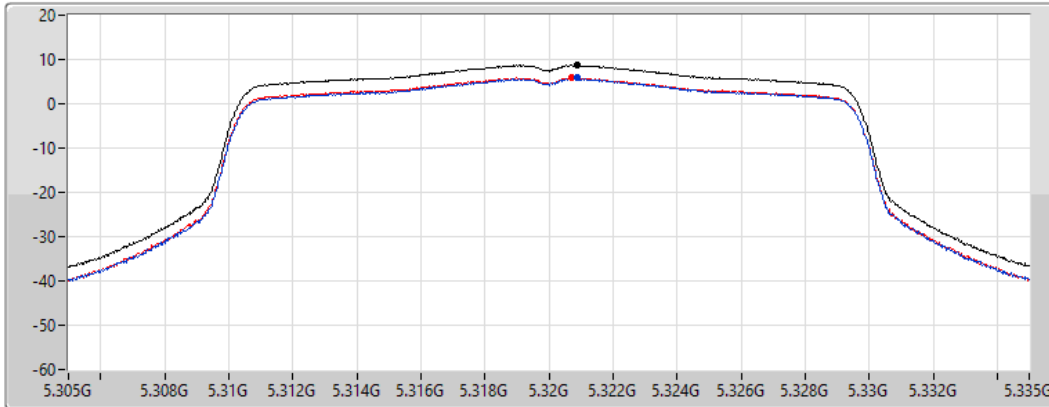
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	5.80	5.84

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

12/05/2022

CF
5.5GHz

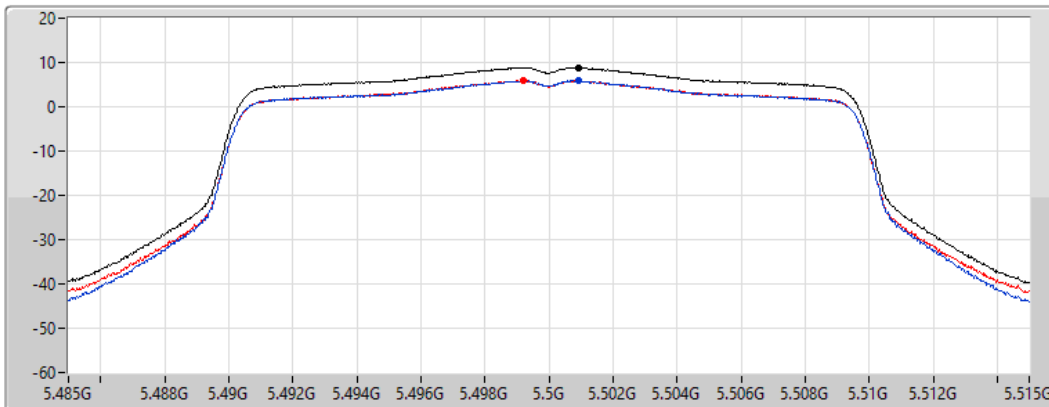
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	5.91	5.91

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

12/05/2022

CF
5.58GHz

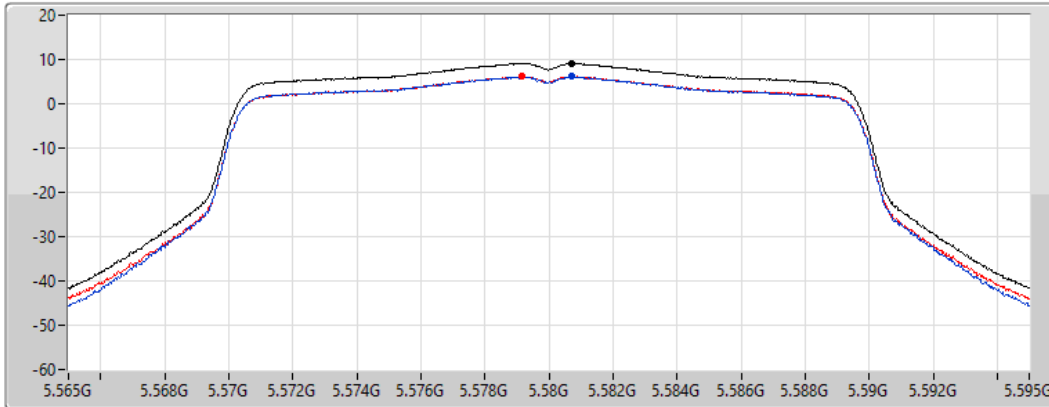
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	6.10	6.22

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

12/05/2022

CF
5.7GHz

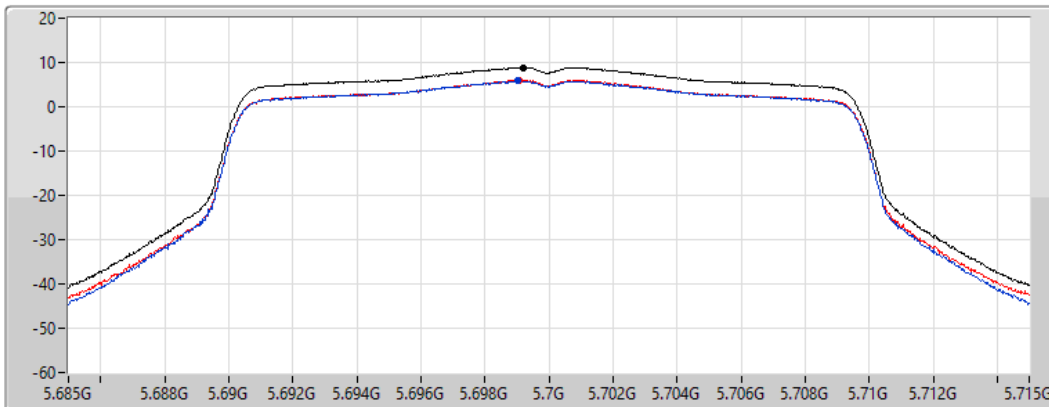
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

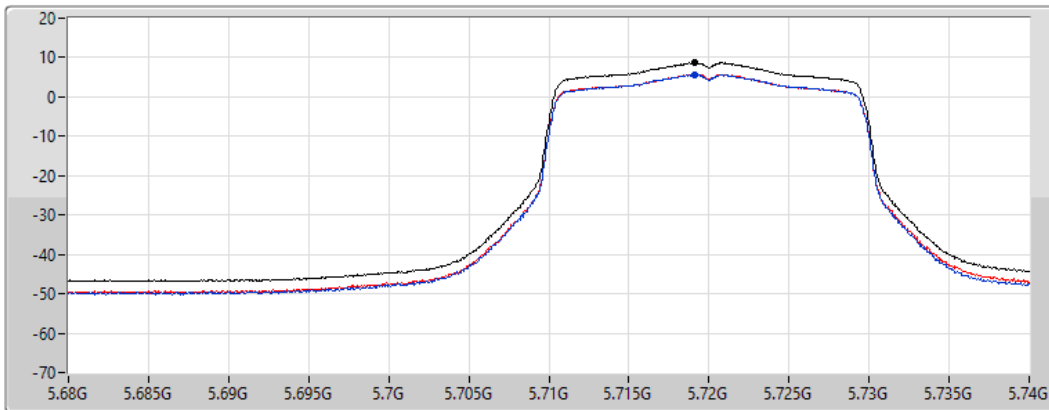
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	5.82	6.02




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

PSD

12/05/2022

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



Sum 
 Port 1 
 Port 2 

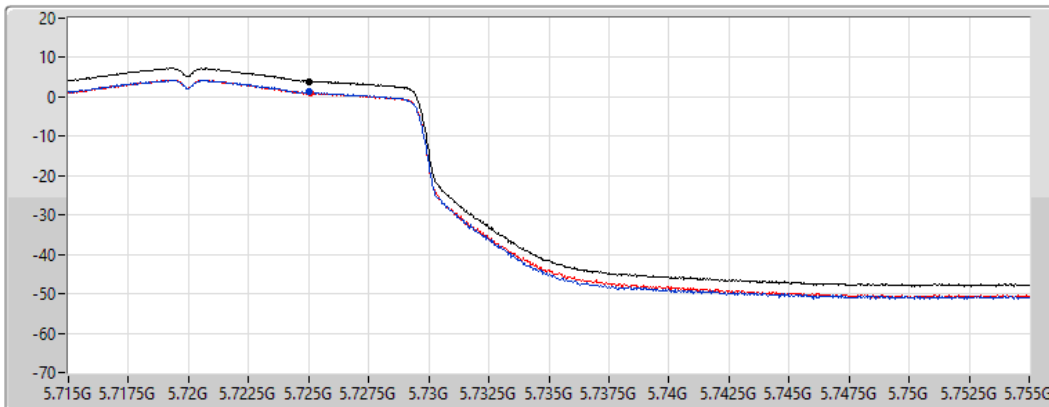
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	5.62	5.75




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

PSD

12/05/2022

CF
 5.735GHz
 Span
 40MHz
 RBW
 500kHz
 VBW
 3MHz
 Sweep Time
 20ms
 Detector Type
 RMS



Sum 
 Port 1 
 Port 2 

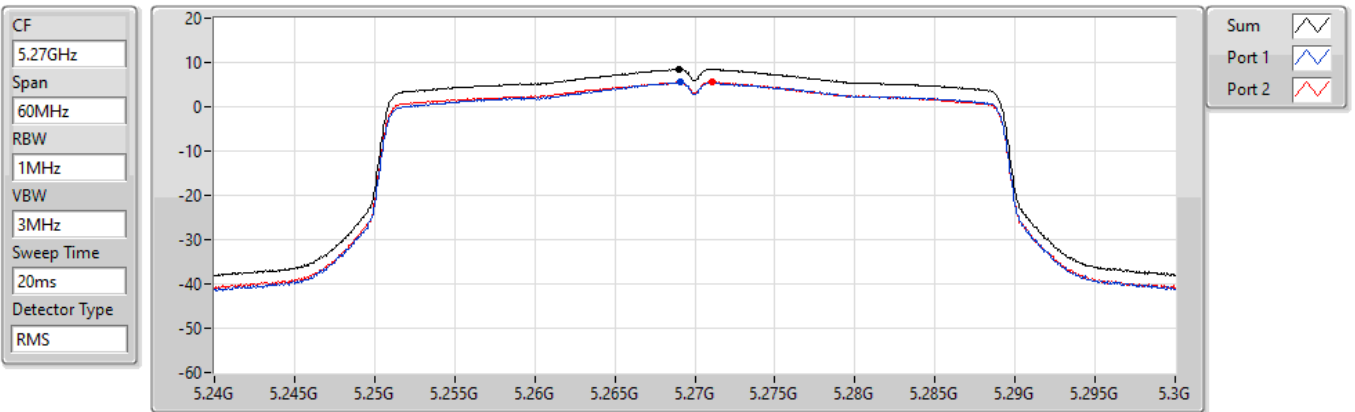
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	1.20	0.89

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

12/05/2022



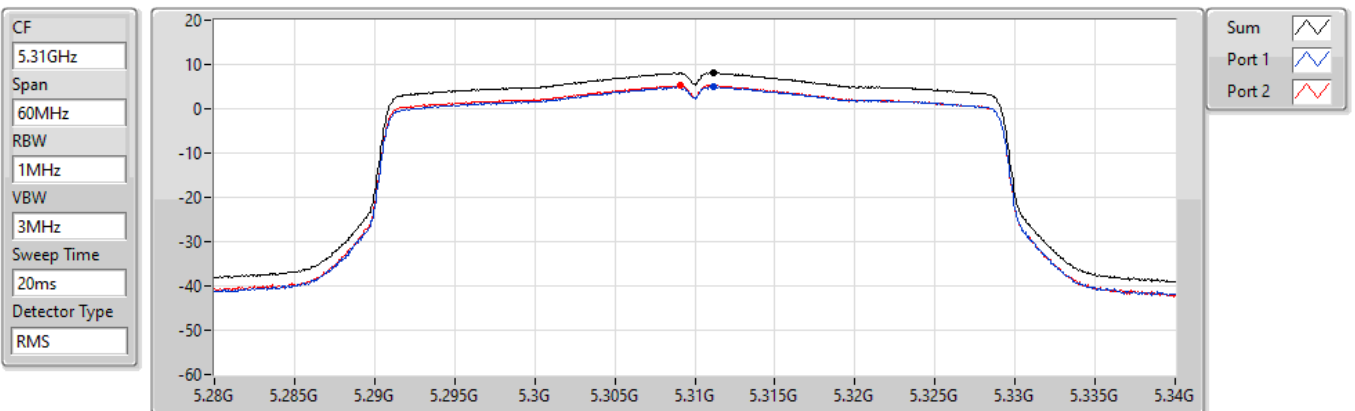
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.49	5.57

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

12/05/2022



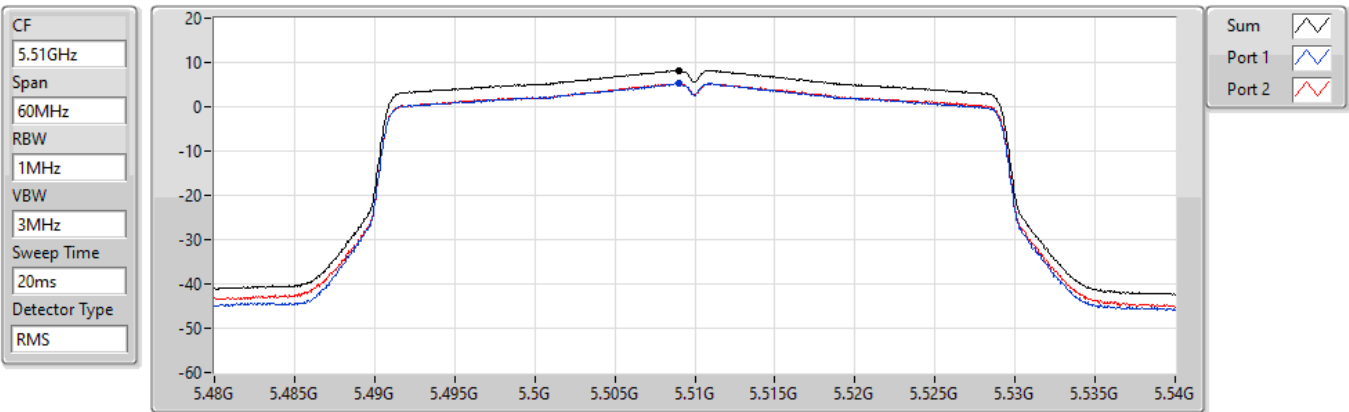
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	5.02	5.25

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

12/05/2022



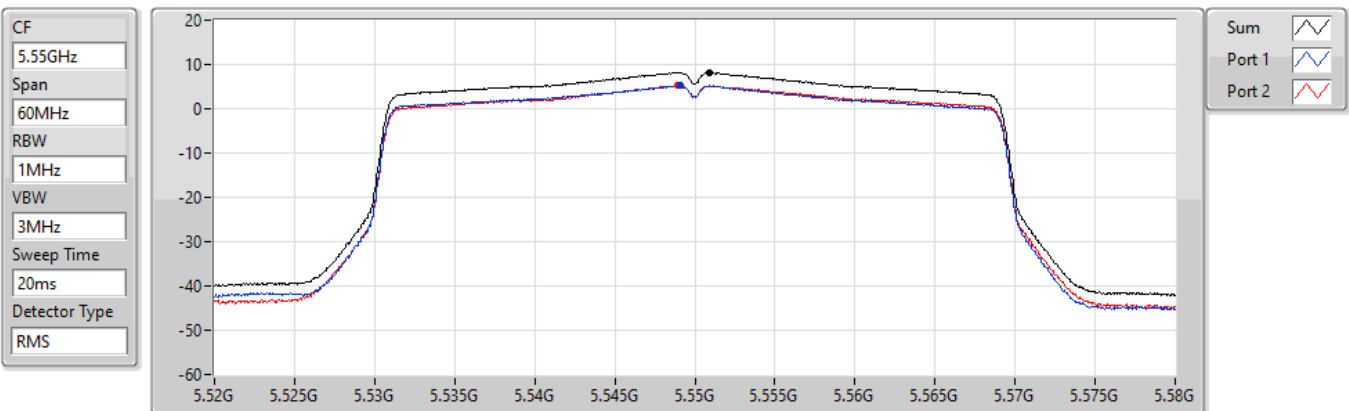
Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
8.27	8.27	5.29	5.26

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

12/05/2022



Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
8.16	8.16	5.18	5.27

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

12/05/2022

CF
5.67GHz

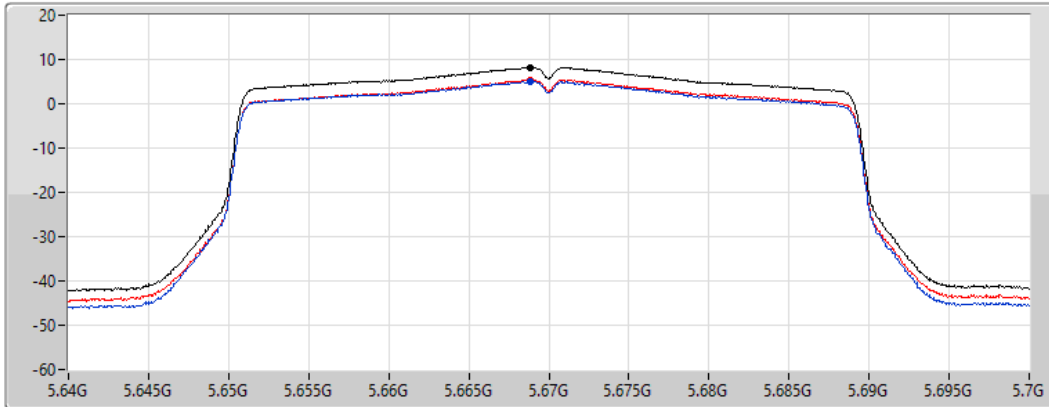
Span
60MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.03	5.44

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

12/05/2022

CF
5.69GHz

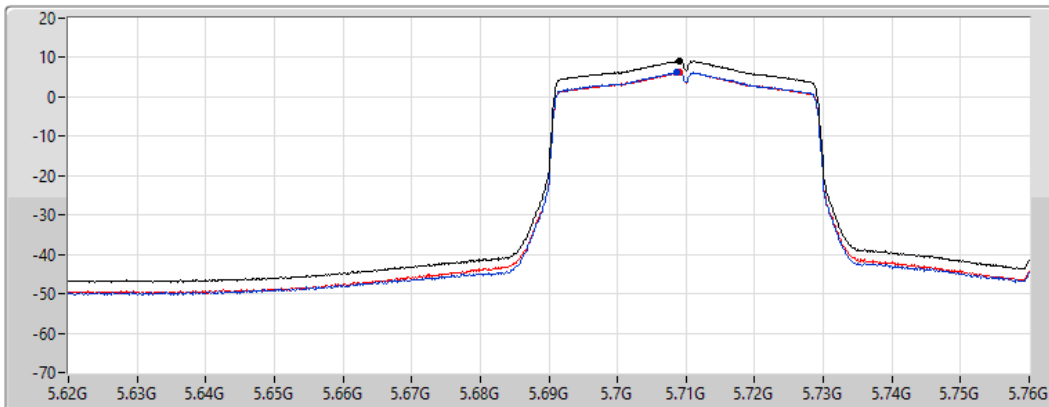
Span
140MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.16	9.16	6.15	6.15

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

PSD

12/05/2022

CF
5.735GHz

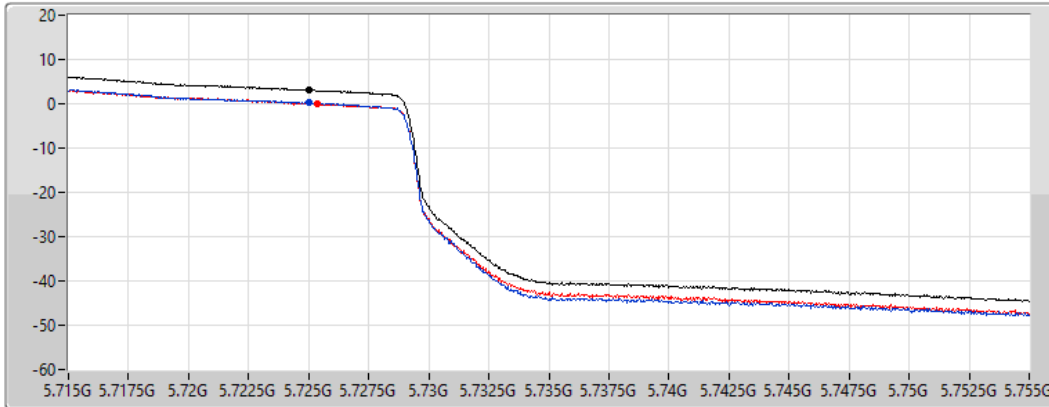
Span
40MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.11	3.11	0.23	-0.01

802.11ax HEW80_Nss1,(MCS0)_2TX
5290MHz

PSD

12/05/2022

CF
5.29GHz

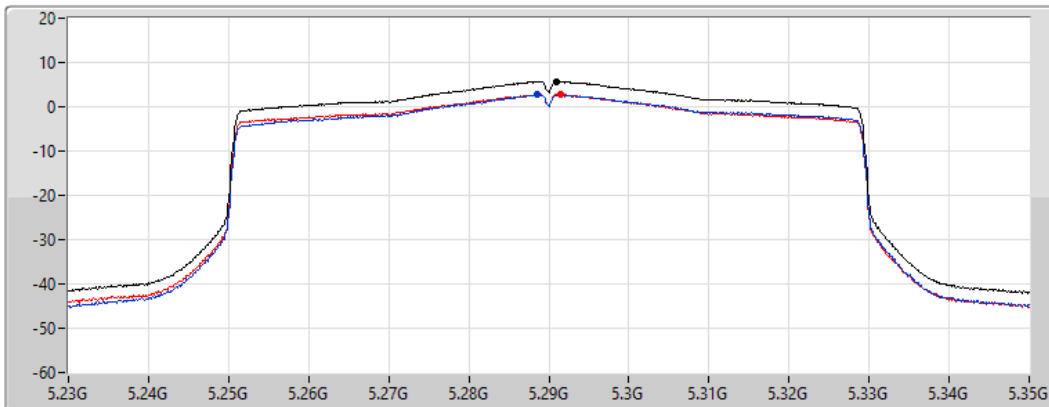
Span
120MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.77	5.77	2.67	2.88

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

12/05/2022

CF
5.53GHz

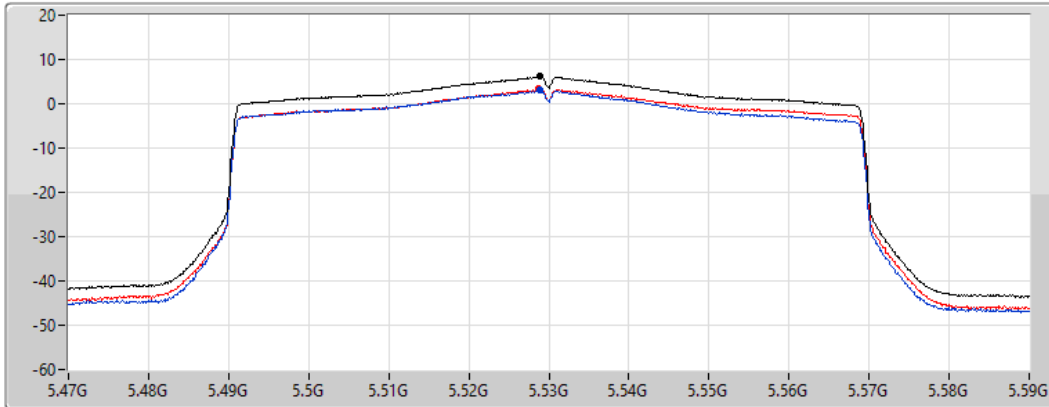
Span
120MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.11	6.11	3.03	3.30

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

12/05/2022

CF
5.61GHz

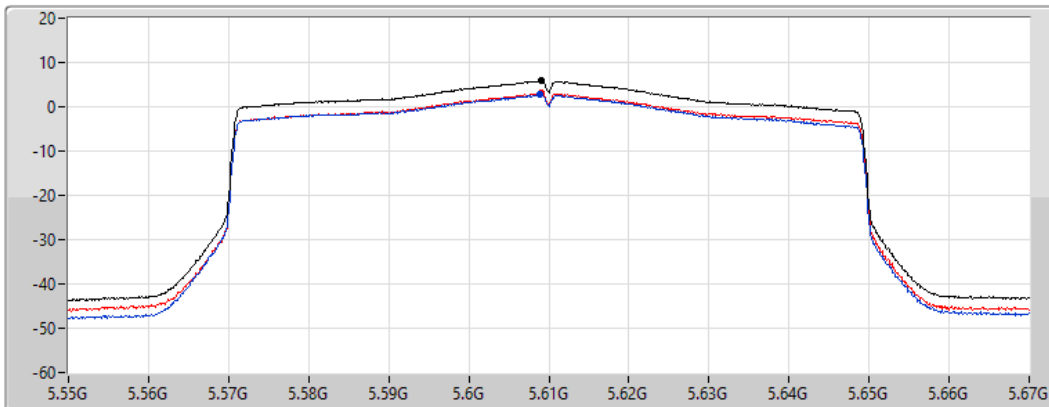
Span
120MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

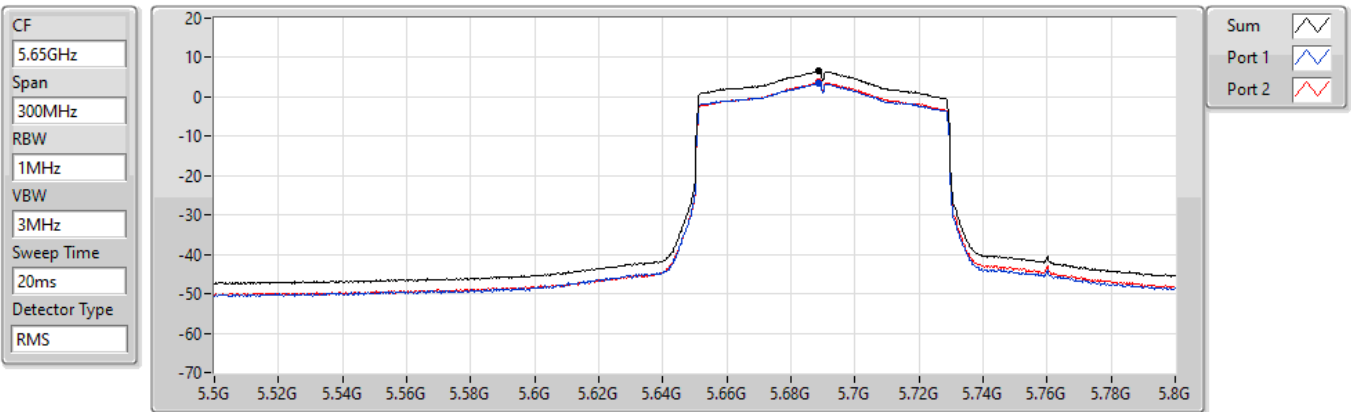
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	2.66	3.01

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

12/05/2022

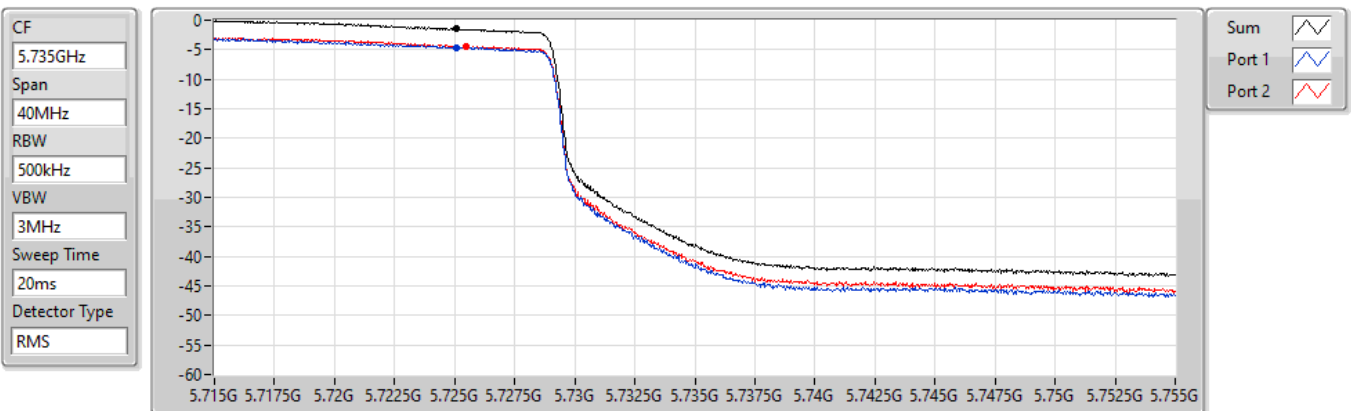


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

12/05/2022

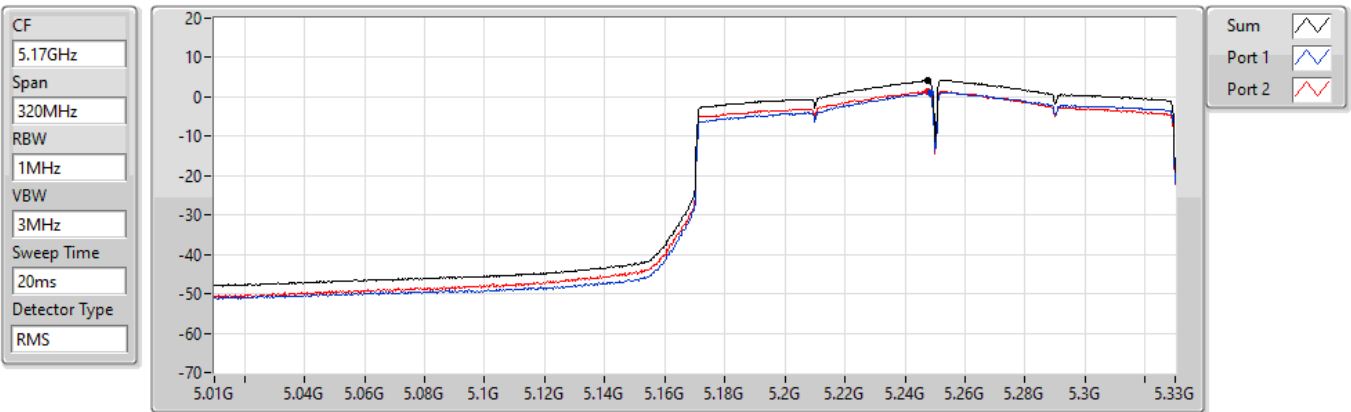


802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

12/05/2022



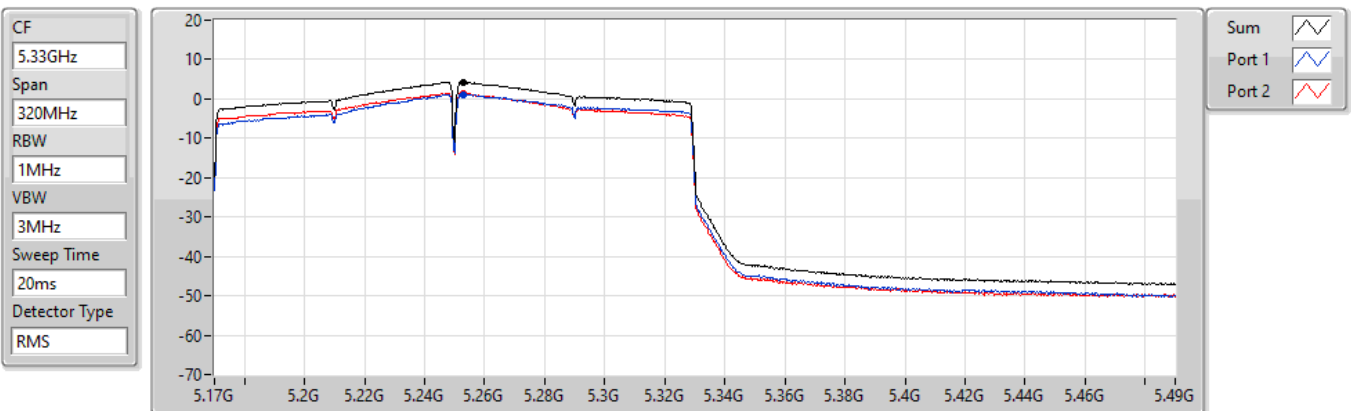
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	1.18	1.32

802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

12/05/2022



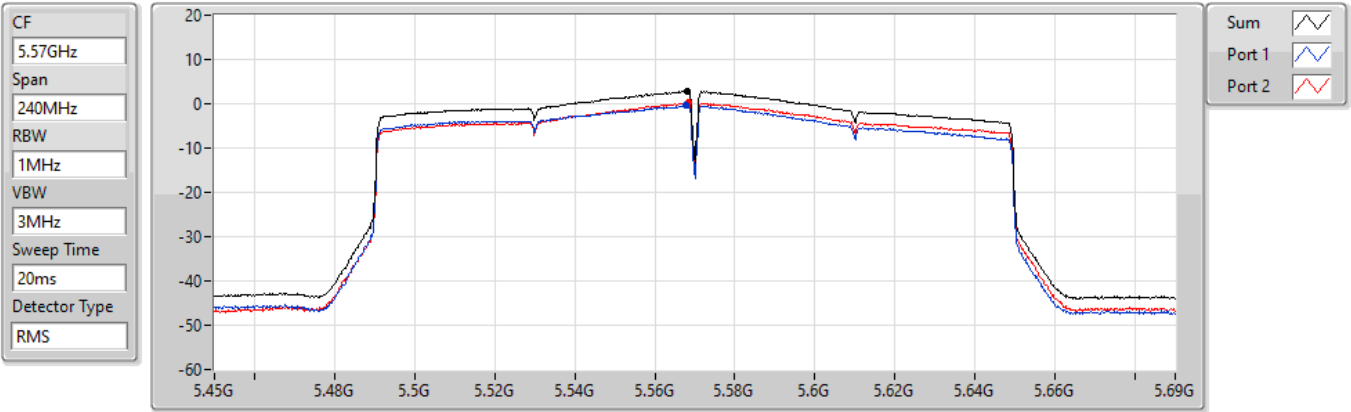
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.30	4.30	1.09	1.49

802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

5570MHz

12/05/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.89	2.89	-0.45	0.24

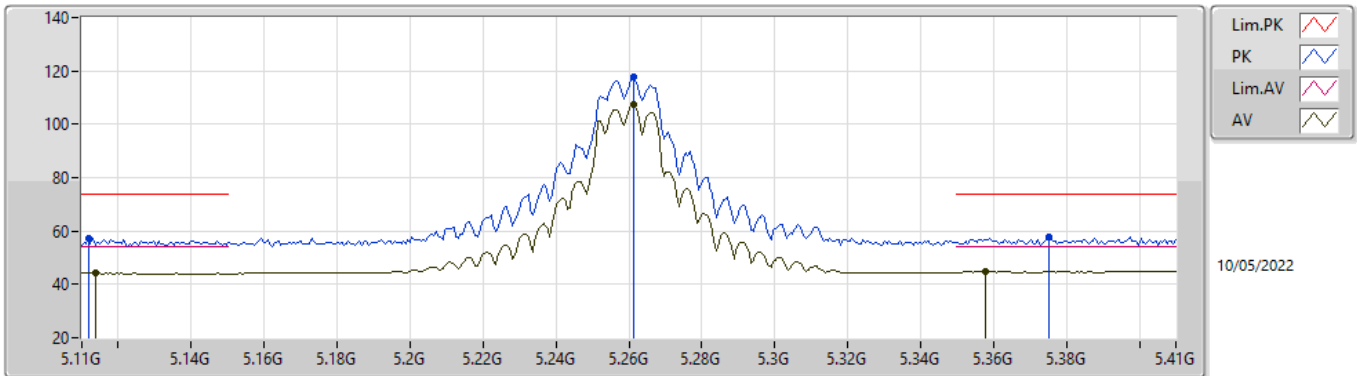


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	16.73244G	68.16	68.20	-0.04	3	Horizontal	293	1.63	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

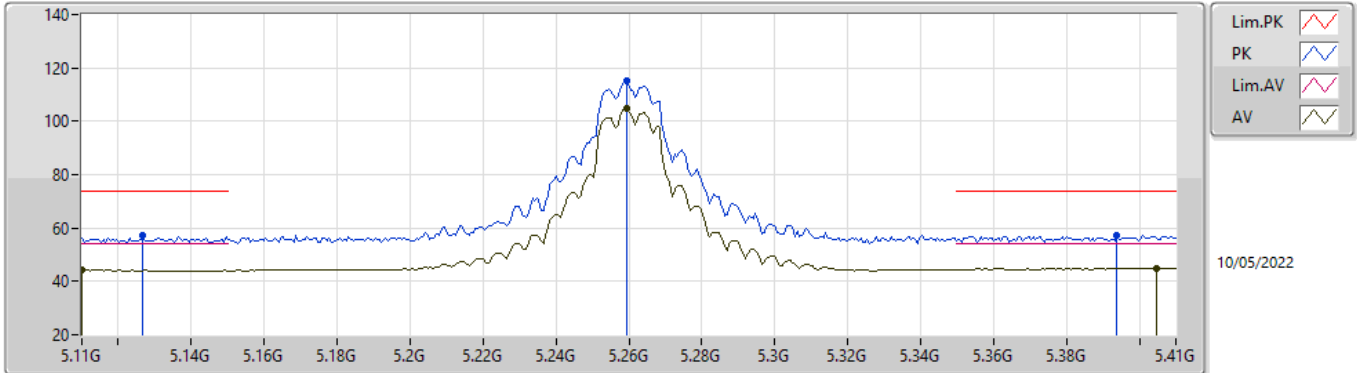


EUT_X_2TX
Setting 25
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1118G	57.48	74.00	-16.52	52.58	3	Vertical	324	2.21	-	33.05	5.01	33.16
AV	5.1136G	44.24	54.00	-9.76	39.34	3	Vertical	324	2.21	-	33.05	5.01	33.16
PK	5.2612G	117.58	Inf	-Inf	112.63	3	Vertical	324	2.21	-	33.02	5.10	33.17
AV	5.2612G	107.40	Inf	-Inf	102.45	3	Vertical	324	2.21	-	33.02	5.10	33.17
PK	5.3752G	57.65	74.00	-16.35	52.48	3	Vertical	324	2.21	-	33.25	5.10	33.18
AV	5.3578G	44.90	54.00	-9.10	39.82	3	Vertical	324	2.21	-	33.15	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

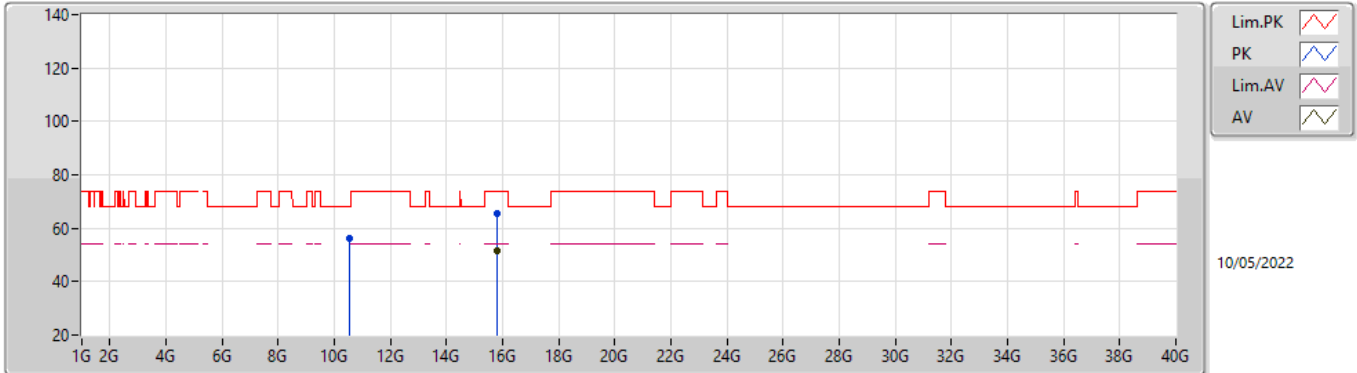


EUT_X_2TX
Setting 25
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1268G	57.07	74.00	-16.93	52.22	3	Horizontal	271	2.61	-	32.99	5.03	33.17
AV	5.11G	44.24	54.00	-9.76	39.33	3	Horizontal	271	2.61	-	33.06	5.01	33.16
PK	5.2594G	115.01	Inf	-Inf	110.06	3	Horizontal	271	2.61	-	33.02	5.10	33.17
AV	5.2594G	104.89	Inf	-Inf	99.94	3	Horizontal	271	2.61	-	33.02	5.10	33.17
PK	5.3938G	57.03	74.00	-16.97	51.75	3	Horizontal	271	2.61	-	33.36	5.10	33.18
AV	5.4046G	44.87	54.00	-9.13	39.51	3	Horizontal	271	2.61	-	33.44	5.10	33.18

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

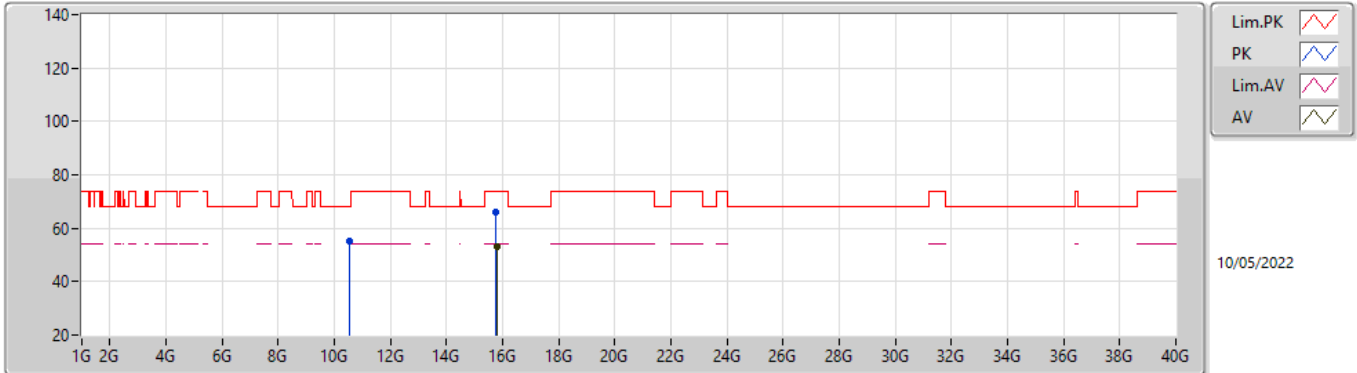


EUT_X_2TX
Setting 25
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5274G	55.98	68.20	-12.22	42.95	3	Vertical	337	1.80	-	39.20	7.97	34.14
PK	15.7799G	65.60	74.00	-8.40	53.09	3	Vertical	325	2.94	-	38.62	9.04	35.15
AV	15.7815G	51.36	54.00	-2.64	38.83	3	Vertical	325	2.94	-	38.63	9.05	35.15

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

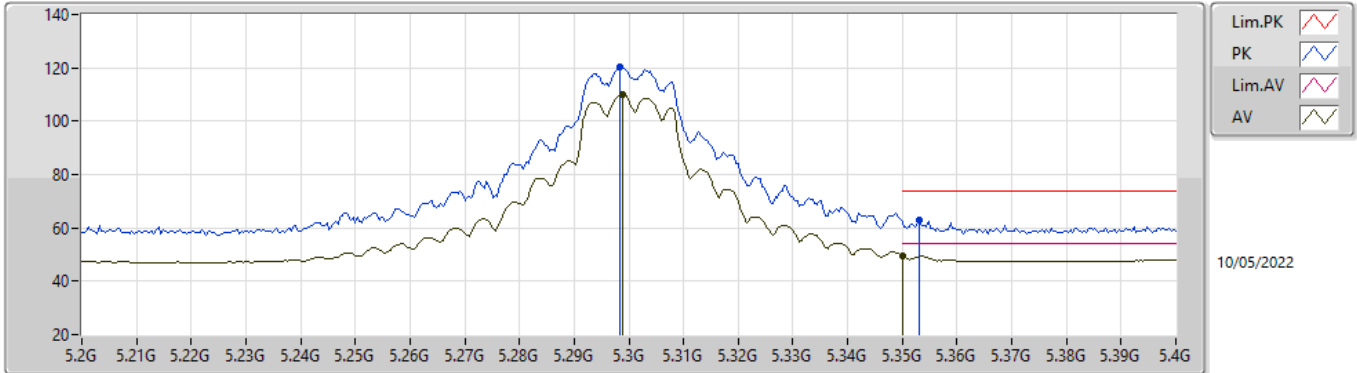


EUT_X_2TX
Setting 25
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5188G	55.03	68.20	-13.17	42.00	3	Horizontal	277	1.80	-	39.20	7.96	34.13
PK	15.7758G	66.21	74.00	-7.79	53.72	3	Horizontal	304	1.69	-	38.60	9.04	35.15
AV	15.7812G	53.18	54.00	-0.82	40.66	3	Horizontal	304	1.69	-	38.62	9.05	35.15

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

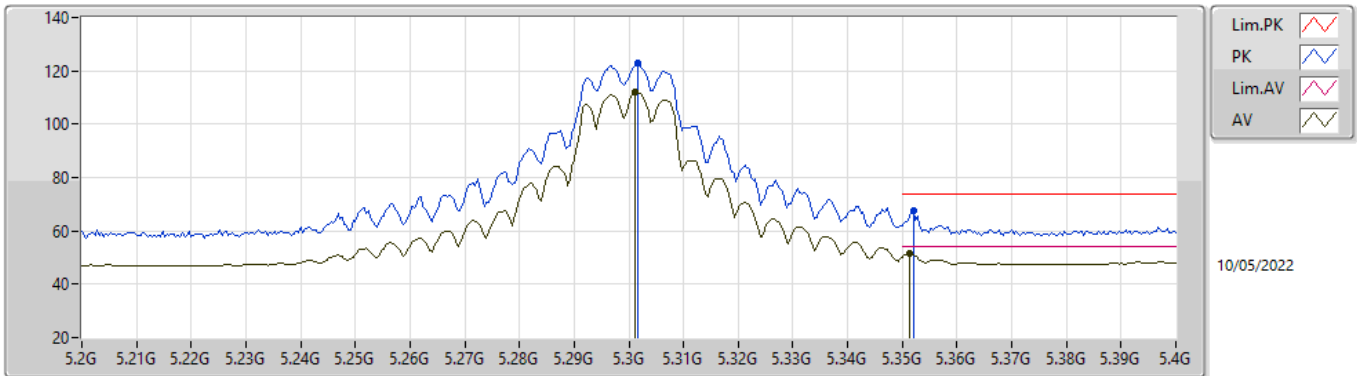


EUTX_2TX
Setting 25.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.2984G	120.51	Inf	-Inf	115.48	3	Vertical	308	1.01	-	33.10	5.10	33.17
AV	5.2988G	110.20	Inf	-Inf	105.17	3	Vertical	308	1.01	-	33.10	5.10	33.17
PK	5.3532G	62.69	74.00	-11.31	57.64	3	Vertical	308	1.01	-	33.12	5.10	33.17
AV	5.35G	49.35	54.00	-4.65	44.32	3	Vertical	308	1.01	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

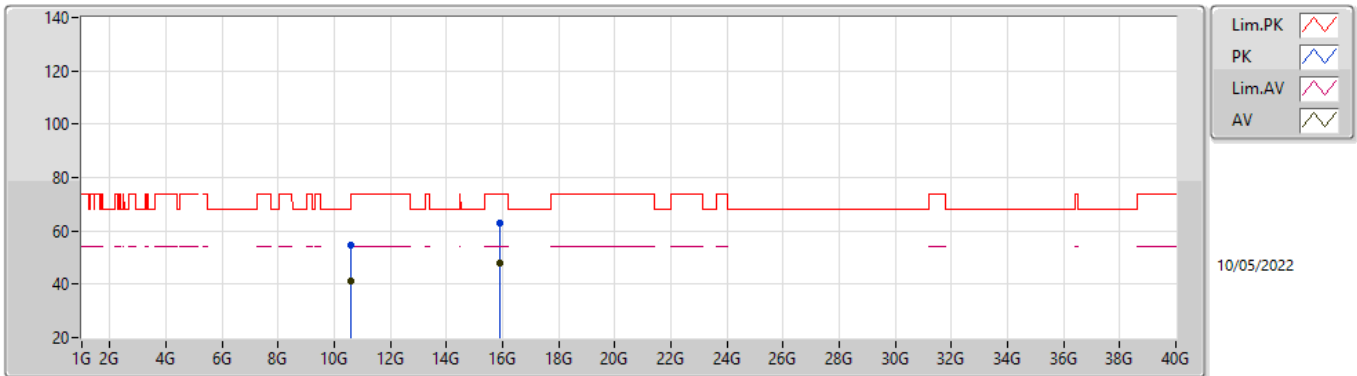


EUTX_2TX
Setting 25.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3016G	123.13	Inf	-Inf	118.10	3	Horizontal	95	1.00	-	33.10	5.10	33.17
AV	5.3012G	112.03	Inf	-Inf	107.00	3	Horizontal	95	1.00	-	33.10	5.10	33.17
PK	5.352G	67.72	74.00	-6.28	62.68	3	Horizontal	95	1.00	-	33.11	5.10	33.17
AV	5.3512G	51.33	54.00	-2.67	46.29	3	Horizontal	95	1.00	-	33.11	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

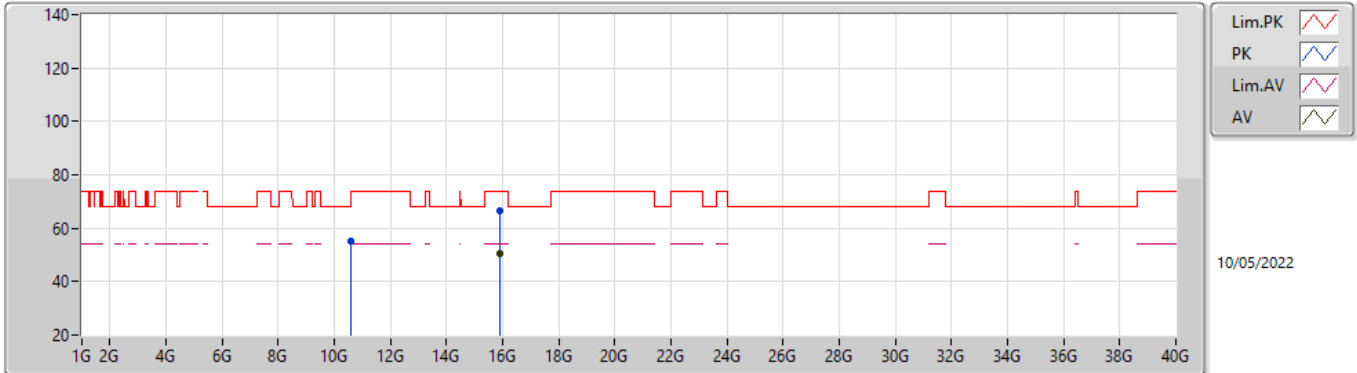


EUT_X_2TX
Setting 25.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6038G	54.87	74.00	-19.13	41.84	3	Vertical	-0	1.96	-	39.21	8.02	34.20
AV	10.6004G	41.20	54.00	-12.80	28.18	3	Vertical	-0	1.96	-	39.20	8.02	34.20
PK	15.9003G	62.93	74.00	-11.07	50.10	3	Vertical	40	2.64	-	38.90	9.08	35.15
AV	15.9016G	47.99	54.00	-6.01	35.16	3	Vertical	40	2.64	-	38.90	9.08	35.15

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

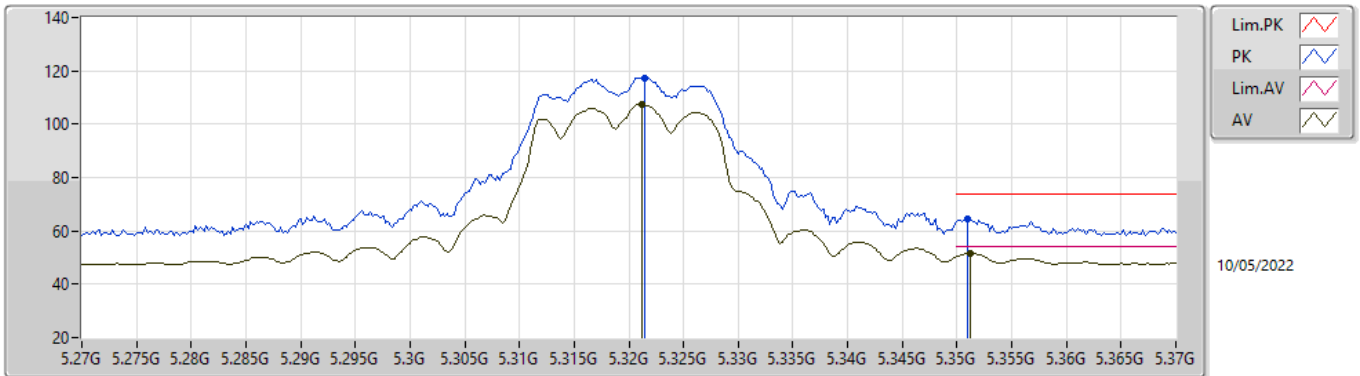


EUT_X_2TX
Setting 25.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6037G	55.07	74.00	-18.93	42.04	3	Horizontal	26	1.80	-	39.21	8.02	34.20
PK	15.9007G	66.72	74.00	-7.28	53.89	3	Horizontal	307	1.74	-	38.90	9.08	35.15
AV	15.9008G	50.64	54.00	-3.36	37.81	3	Horizontal	307	1.74	-	38.90	9.08	35.15

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

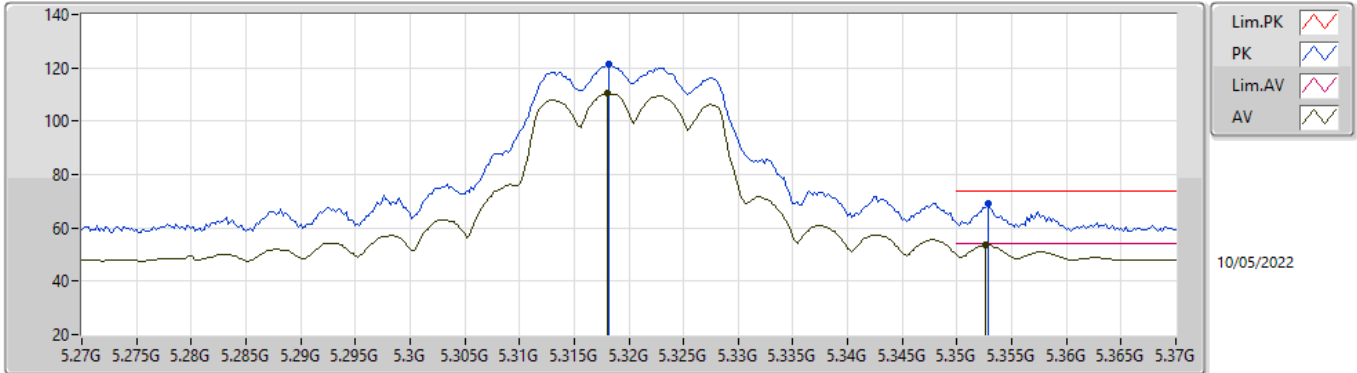


EUT_X_2TX
Setting 23
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3214G	117.49	Inf	-Inf	112.46	3	Vertical	321	2.25	-	33.10	5.10	33.17
AV	5.3212G	107.51	Inf	-Inf	102.48	3	Vertical	321	2.25	-	33.10	5.10	33.17
PK	5.351G	64.62	74.00	-9.38	59.58	3	Vertical	321	2.25	-	33.11	5.10	33.17
AV	5.3512G	51.59	54.00	-2.41	46.55	3	Vertical	321	2.25	-	33.11	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

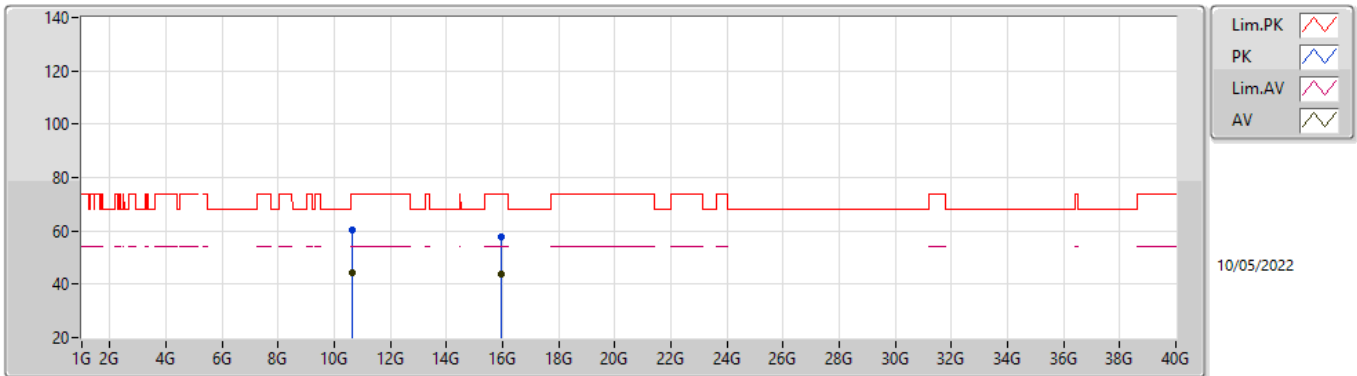


EUT_X_2TX
Setting 23
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3182G	121.35	Inf	-Inf	116.32	3	Horizontal	271	2.94	-	33.10	5.10	33.17
AV	5.318G	110.33	Inf	-Inf	105.30	3	Horizontal	271	2.94	-	33.10	5.10	33.17
PK	5.3528G	69.17	74.00	-4.83	64.12	3	Horizontal	271	2.94	-	33.12	5.10	33.17
AV	5.3526G	53.60	54.00	-0.40	48.55	3	Horizontal	271	2.94	-	33.12	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

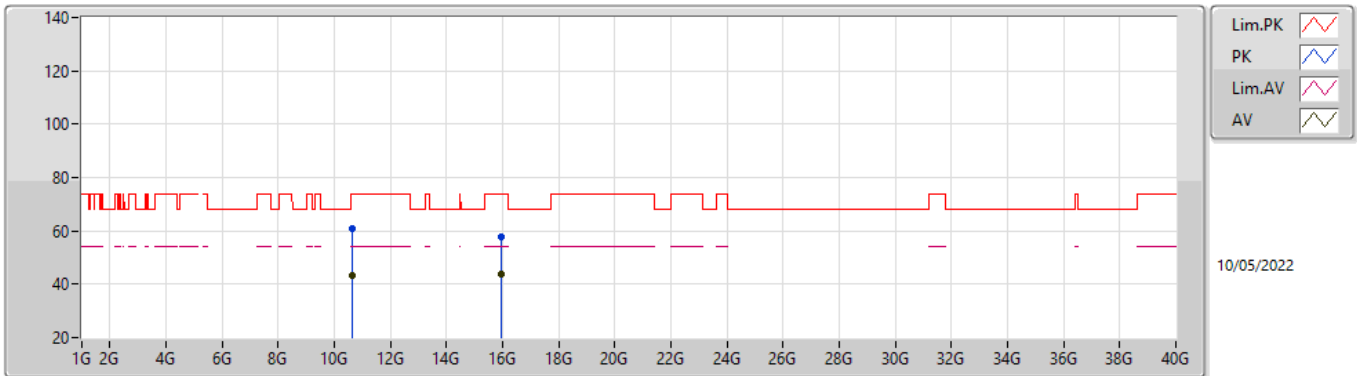


EUT X_2TX
Setting 23
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6427G	60.50	74.00	-13.50	47.35	3	Vertical	156	1.33	-	39.33	8.05	34.23
AV	10.63768G	44.39	54.00	-9.61	31.26	3	Vertical	156	1.33	-	39.31	8.05	34.23
PK	15.96194G	57.75	74.00	-16.25	45.04	3	Vertical	322	1.71	-	38.78	9.09	35.16
AV	15.96432G	43.66	54.00	-10.34	30.96	3	Vertical	322	1.71	-	38.77	9.09	35.16

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

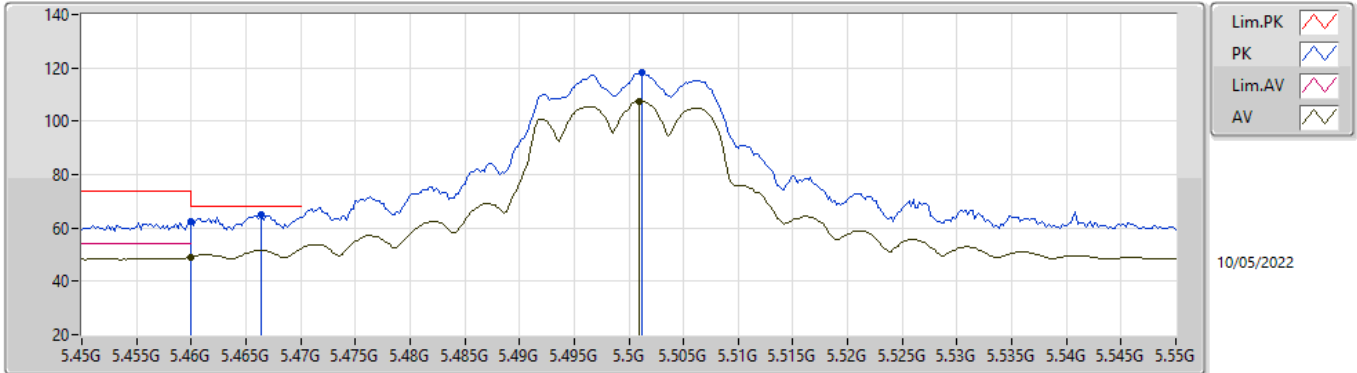


EUT_X_2TX
Setting 23
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64302G	60.93	74.00	-13.07	47.78	3	Horizontal	62	2.53	-	39.33	8.05	34.23
AV	10.63756G	43.49	54.00	-10.51	30.36	3	Horizontal	62	2.53	-	39.31	8.05	34.23
PK	15.9591G	57.58	74.00	-16.42	44.87	3	Horizontal	44	1.19	-	38.78	9.09	35.16
AV	15.961G	43.64	54.00	-10.36	30.93	3	Horizontal	44	1.19	-	38.78	9.09	35.16

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

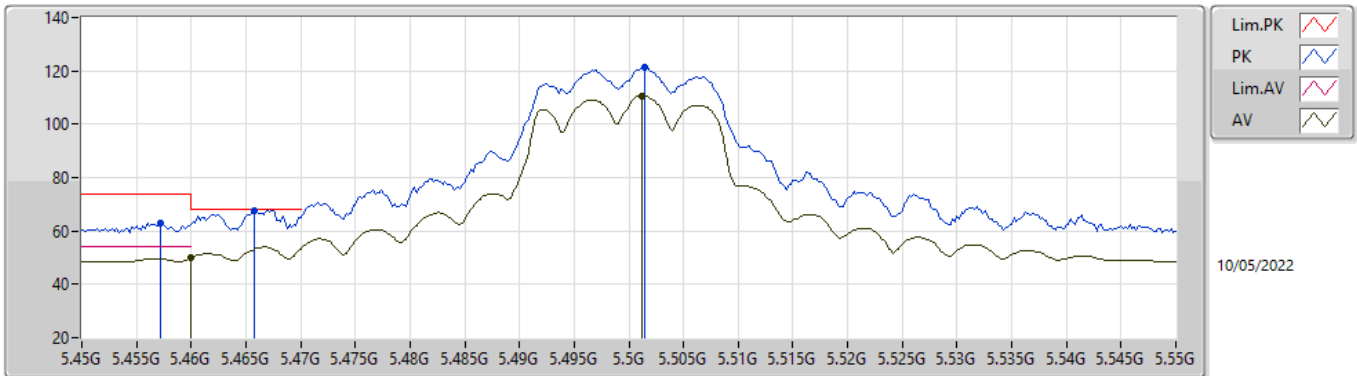


EUT_X_2TX
Setting 24
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.46G	62.24	74.00	-11.76	56.44	3	Vertical	238	1.77	-	33.82	5.16	33.18
AV	5.46G	49.18	54.00	-4.82	43.38	3	Vertical	238	1.77	-	33.82	5.16	33.18
PK	5.4664G	65.02	68.20	-3.18	59.20	3	Vertical	238	1.77	-	33.83	5.17	33.18
PK	5.5012G	118.02	Inf	-Inf	112.10	3	Vertical	238	1.77	-	33.90	5.20	33.18
AV	5.501G	107.64	Inf	-Inf	101.72	3	Vertical	238	1.77	-	33.90	5.20	33.18

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

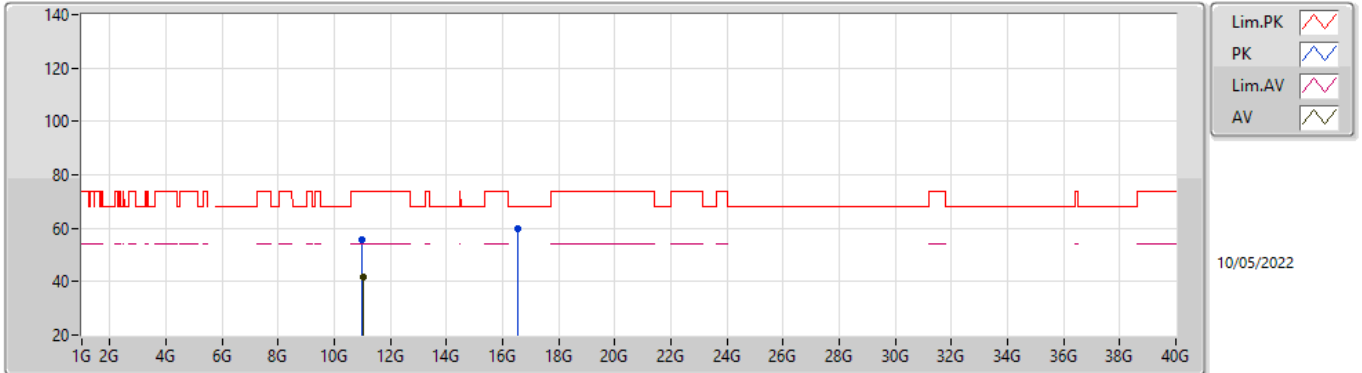


EUT_X_2TX
Setting 24
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4572G	62.99	74.00	-11.01	57.20	3	Horizontal	93	1.00	-	33.81	5.16	33.18
AV	5.46G	49.90	54.00	-4.10	44.10	3	Horizontal	93	1.00	-	33.82	5.16	33.18
PK	5.4658G	67.76	68.20	-0.44	61.94	3	Horizontal	93	1.00	-	33.83	5.17	33.18
PK	5.5014G	121.28	Inf	-Inf	115.35	3	Horizontal	93	1.00	-	33.91	5.20	33.18
AV	5.5012G	110.51	Inf	-Inf	104.59	3	Horizontal	93	1.00	-	33.90	5.20	33.18

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom



EUT_X_2TX
Setting 24
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0024G	55.60	74.00	-18.40	42.31	3	Vertical	29	2.17	-	39.50	8.30	34.51
AV	11.0294G	41.87	54.00	-12.13	28.63	3	Vertical	29	2.17	-	39.44	8.32	34.52
PK	16.5206G	60.03	68.20	-8.17	45.98	3	Vertical	96	1.00	-	39.84	9.28	35.07

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

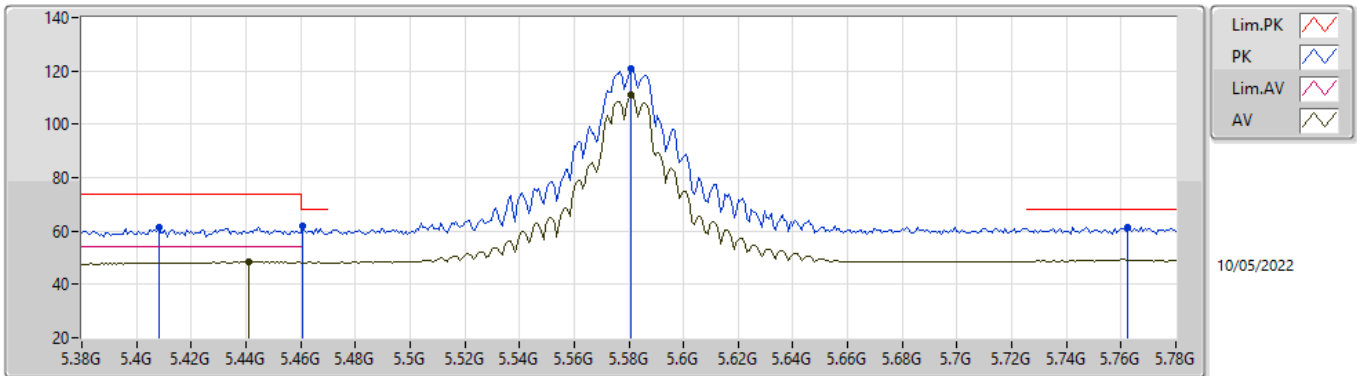


EUT_X_2TX
Setting 24
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0102G	56.07	74.00	-17.93	42.80	3	Horizontal	110	2.88	-	39.48	8.31	34.52
AV	11G	42.97	54.00	-11.03	29.68	3	Horizontal	110	2.88	-	39.50	8.30	34.51
PK	16.5024G	60.24	68.20	-7.96	46.24	3	Horizontal	281	1.66	-	39.80	9.28	35.08

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

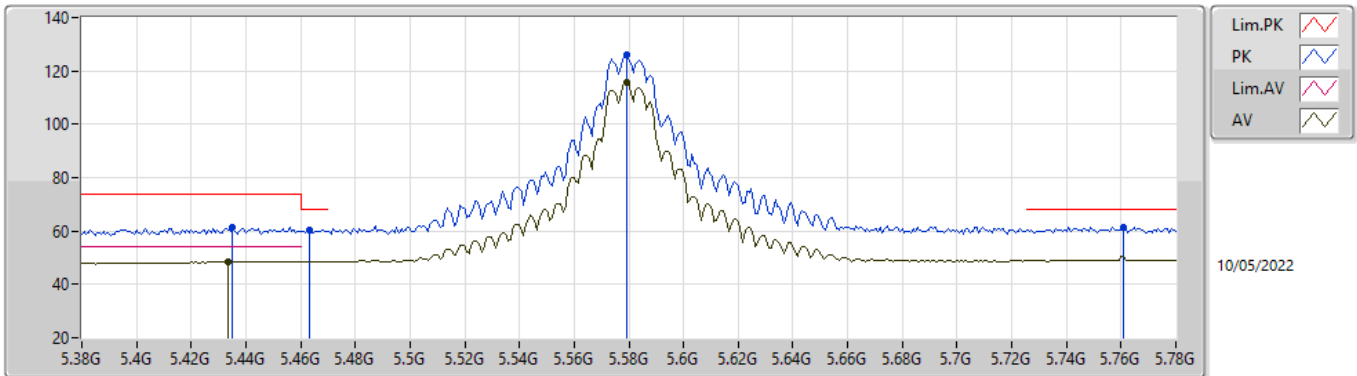


EUT_X_2TX
Setting 30
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.408G	61.34	74.00	-12.66	55.95	3	Vertical	238	1.82	-	33.46	5.11	33.18
PK	5.4608G	61.95	68.20	-6.25	56.15	3	Vertical	238	1.82	-	33.82	5.16	33.18
AV	5.4408G	48.37	54.00	-5.63	42.68	3	Vertical	238	1.82	-	33.73	5.14	33.18
PK	5.5808G	121.00	Inf	-Inf	114.89	3	Vertical	238	1.82	-	34.04	5.28	33.21
AV	5.5808G	110.98	Inf	-Inf	104.87	3	Vertical	238	1.82	-	34.04	5.28	33.21
PK	5.7624G	61.63	68.20	-6.57	55.19	3	Vertical	238	1.82	-	34.42	5.30	33.28

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

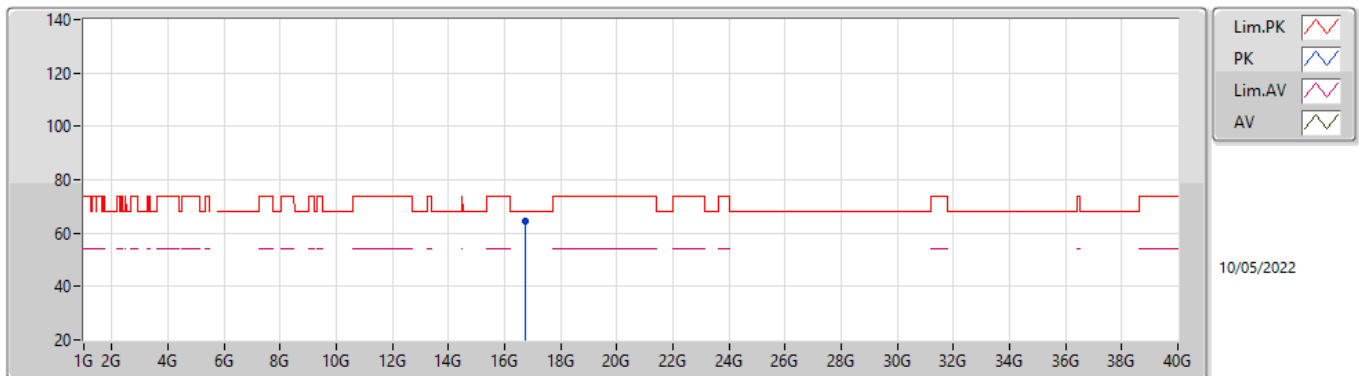


EUT X_2TX
Setting 30
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4352G	61.25	74.00	-12.75	55.61	3	Horizontal	268	2.68	-	33.68	5.14	33.18
AV	5.4336G	48.49	54.00	-5.51	42.87	3	Horizontal	268	2.68	-	33.67	5.13	33.18
PK	5.4632G	60.52	68.20	-7.68	54.71	3	Horizontal	268	2.68	-	33.83	5.16	33.18
PK	5.5792G	126.00	Inf	-Inf	119.89	3	Horizontal	268	2.68	-	34.04	5.28	33.21
AV	5.5792G	115.94	Inf	-Inf	109.83	3	Horizontal	268	2.68	-	34.04	5.28	33.21
PK	5.7608G	61.61	68.20	-6.59	55.17	3	Horizontal	268	2.68	-	34.42	5.30	33.28

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

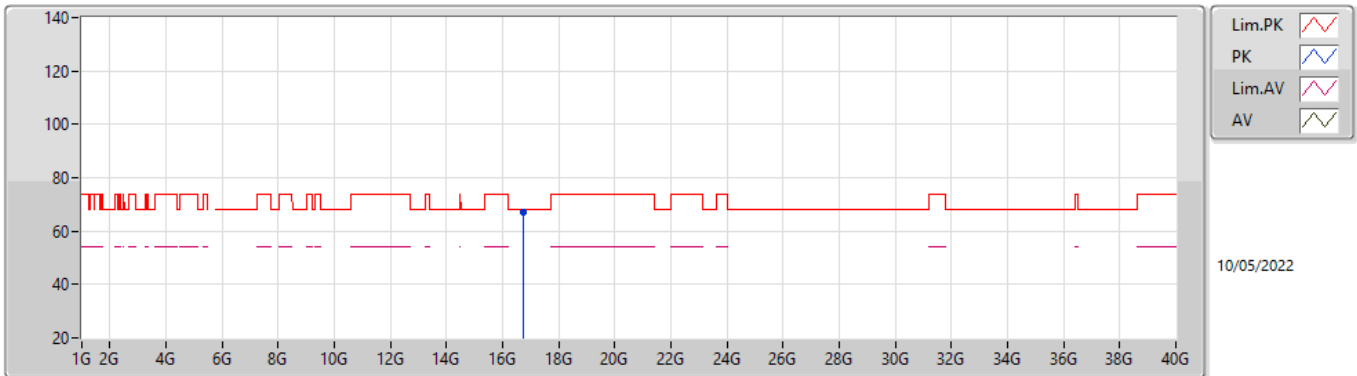


EUT X_2TX
Setting 30
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	16.737G	64.29	68.20	-3.91	49.86	3	Vertical	308	1.80	-	40.04	9.36	34.97

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

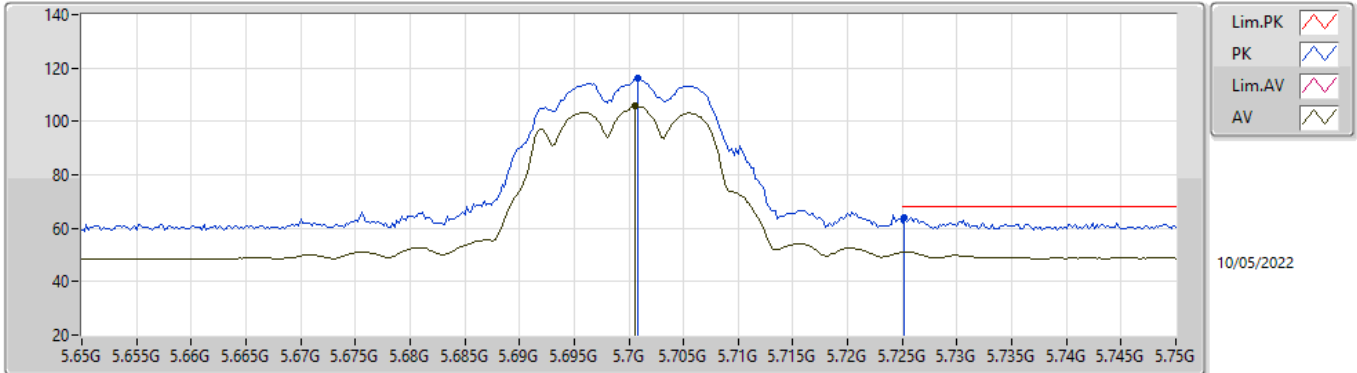


EUT X_2TX
Setting 30
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.7418G	67.19	68.20	-1.01	52.76	3	Horizontal	289	1.98	-	40.04	9.36	34.97

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

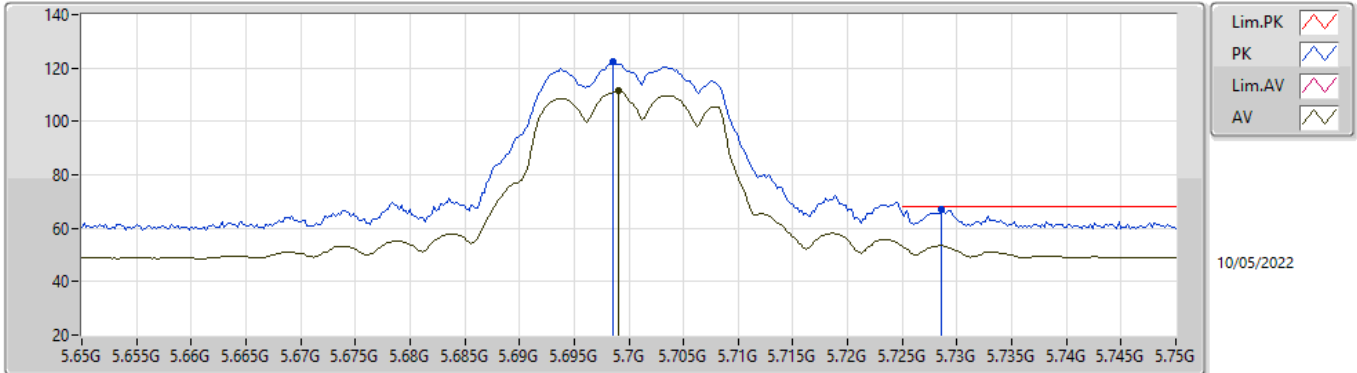


EUT_X_2TX
Setting 22
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7008G	116.30	Inf	-Inf	110.06	3	Vertical	233	1.77	-	34.20	5.30	33.26
AV	5.7006G	105.94	Inf	-Inf	99.70	3	Vertical	233	1.77	-	34.20	5.30	33.26
PK	5.7252G	63.89	68.20	-4.31	57.56	3	Vertical	233	1.77	-	34.30	5.30	33.27

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

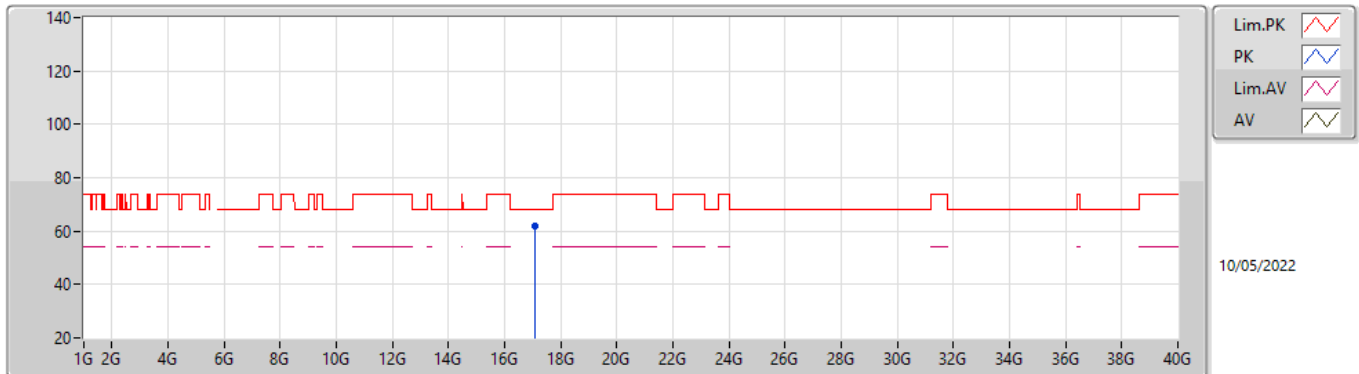


EUT_X_2TX
Setting 22
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6986G	122.46	Inf	-Inf	116.22	3	Horizontal	270	2.72	-	34.20	5.30	33.26
AV	5.699G	111.41	Inf	-Inf	105.17	3	Horizontal	270	2.72	-	34.20	5.30	33.26
PK	5.7286G	66.93	68.20	-1.27	60.59	3	Horizontal	270	2.72	-	34.31	5.30	33.27

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

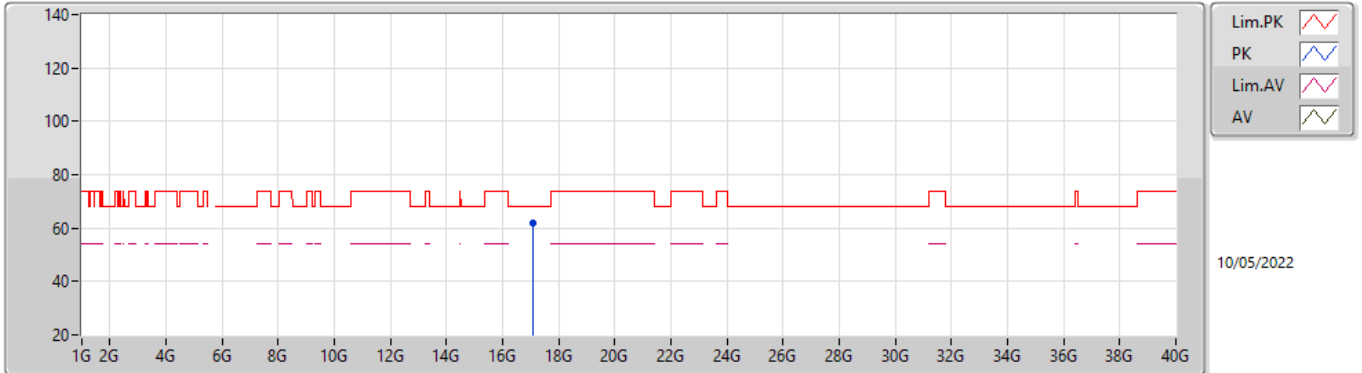


EUT X_2TX
Setting 22
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.10446G	61.76	68.20	-6.44	46.03	3	Vertical	153	2.24	-	41.01	9.49	34.77

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

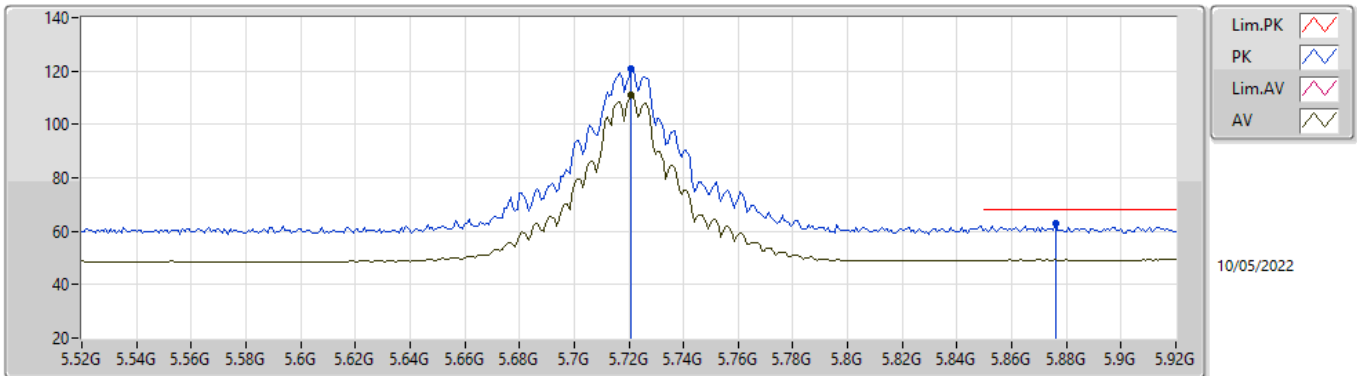


EUT X_2TX
Setting 22
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.09754G	61.99	68.20	-6.21	46.30	3	Horizontal	18	1.68	-	40.99	9.48	34.78

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

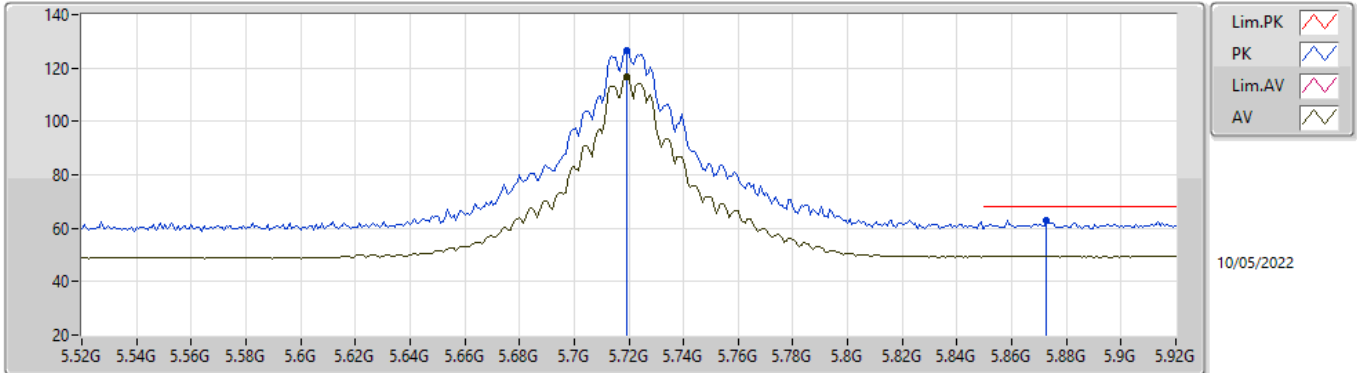


EUT_X_2TX
Setting 22
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7208G	120.73	Inf	-Inf	114.42	3	Vertical	244	1.80	-	34.28	5.30	33.27
AV	5.7208G	110.81	Inf	-Inf	104.50	3	Vertical	244	1.80	-	34.28	5.30	33.27
PK	5.876G	62.72	68.20	-5.48	55.86	3	Vertical	244	1.80	-	34.85	5.34	33.33

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

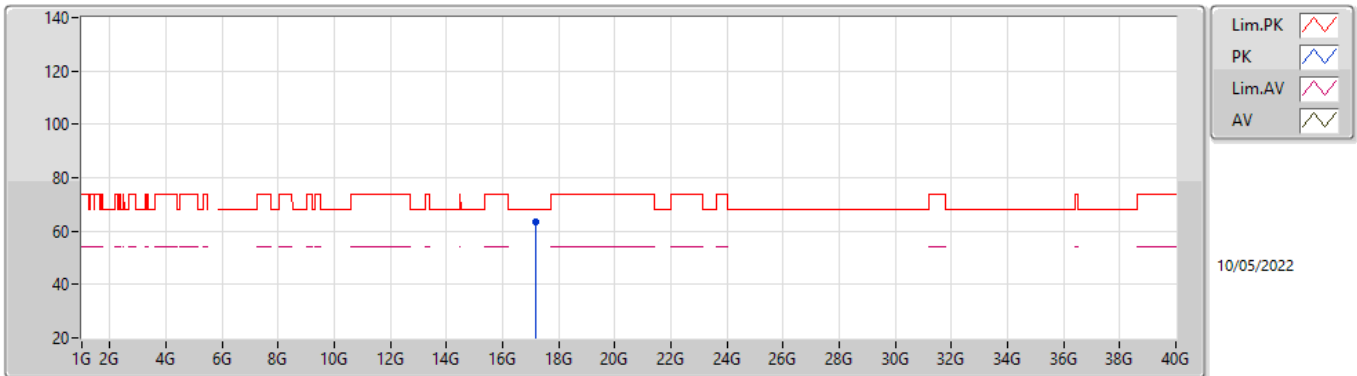


EUT_X_2TX
Setting 22
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7192G	126.55	Inf	-Inf	120.24	3	Horizontal	266	2.60	-	34.28	5.30	33.27
AV	5.7192G	116.69	Inf	-Inf	110.38	3	Horizontal	266	2.60	-	34.28	5.30	33.27
PK	5.8728G	62.90	68.20	-5.30	56.04	3	Horizontal	266	2.60	-	34.85	5.34	33.33

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

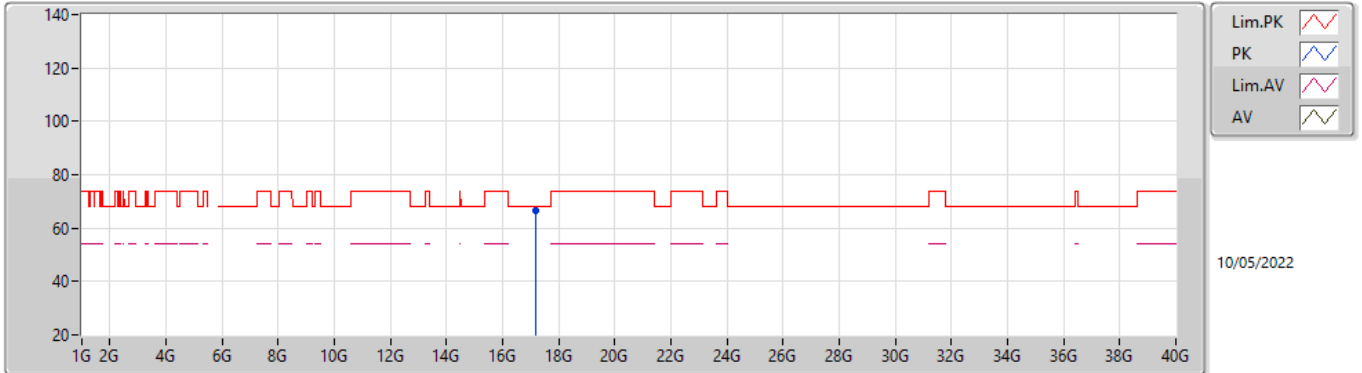


EUT X_2TX
Setting 22
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.1658G	63.56	68.20	-4.64	47.65	3	Vertical	305	1.91	-	41.13	9.51	34.73

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

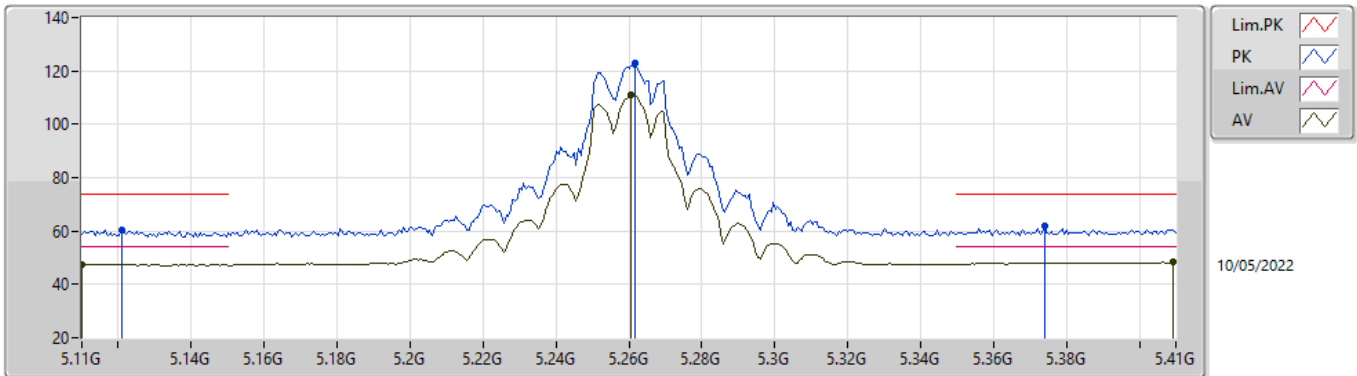


EUT_X_2TX
Setting 22
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.1568G	66.75	68.20	-1.45	50.87	3	Horizontal	342	1.92	-	41.11	9.50	34.73

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

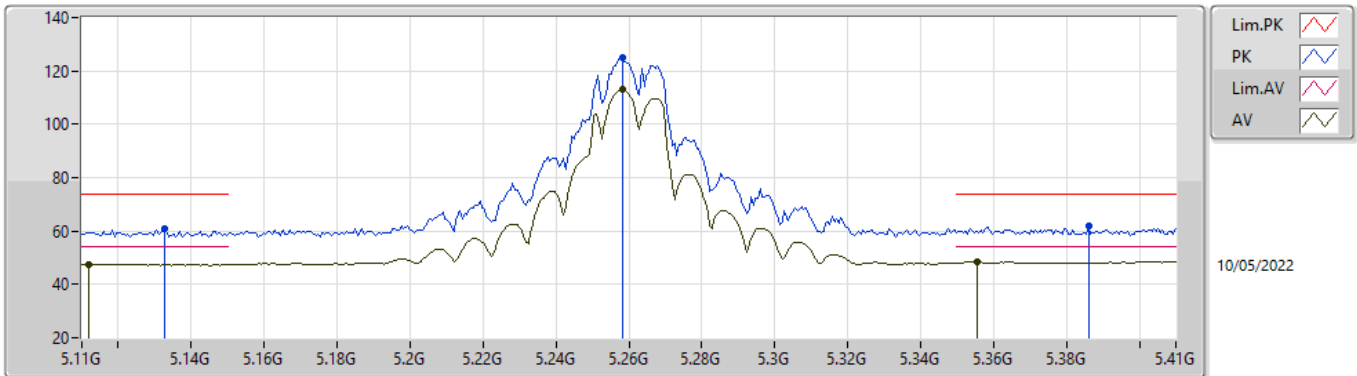


EUT_X_2TX
Setting 25
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1208G	60.56	74.00	-13.44	55.68	3	Vertical	337	2.10	-	33.02	5.02	33.16
AV	5.11G	47.47	54.00	-6.53	42.56	3	Vertical	337	2.10	-	33.06	5.01	33.16
PK	5.2618G	123.05	Inf	-Inf	118.10	3	Vertical	337	2.10	-	33.02	5.10	33.17
AV	5.2606G	111.20	Inf	-Inf	106.25	3	Vertical	337	2.10	-	33.02	5.10	33.17
PK	5.374G	61.71	74.00	-12.29	56.54	3	Vertical	337	2.10	-	33.24	5.10	33.17
AV	5.4094G	48.20	54.00	-5.80	42.79	3	Vertical	337	2.10	-	33.48	5.11	33.18

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

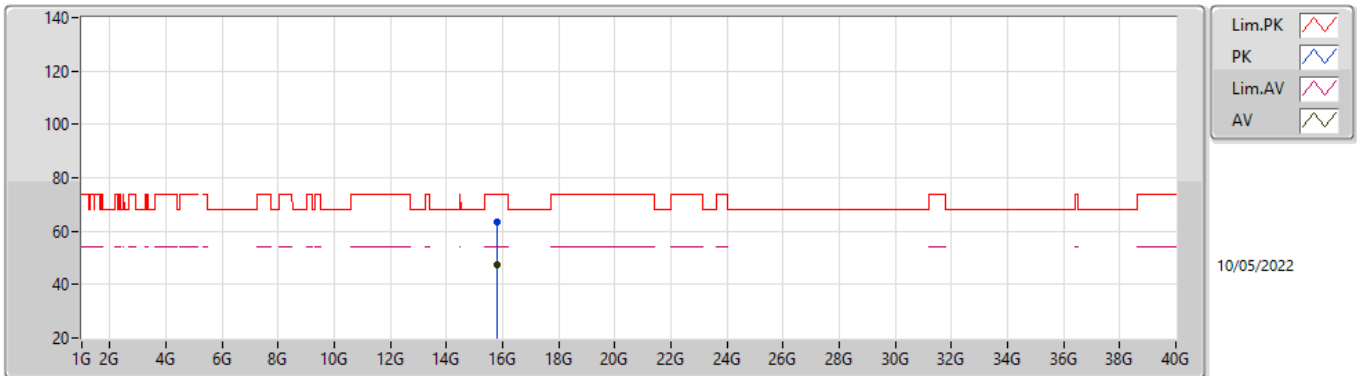


EUT_X_2TX
Setting 25
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1328G	60.86	74.00	-13.14	56.03	3	Horizontal	264	2.64	-	32.97	5.03	33.17
AV	5.1118G	47.52	54.00	-6.48	42.62	3	Horizontal	264	2.64	-	33.05	5.01	33.16
PK	5.2582G	124.99	Inf	-Inf	120.04	3	Horizontal	264	2.64	-	33.02	5.10	33.17
AV	5.2582G	113.20	Inf	-Inf	108.25	3	Horizontal	264	2.64	-	33.02	5.10	33.17
PK	5.386G	61.75	74.00	-12.25	56.51	3	Horizontal	264	2.64	-	33.32	5.10	33.18
AV	5.3554G	48.50	54.00	-5.50	43.44	3	Horizontal	264	2.64	-	33.13	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

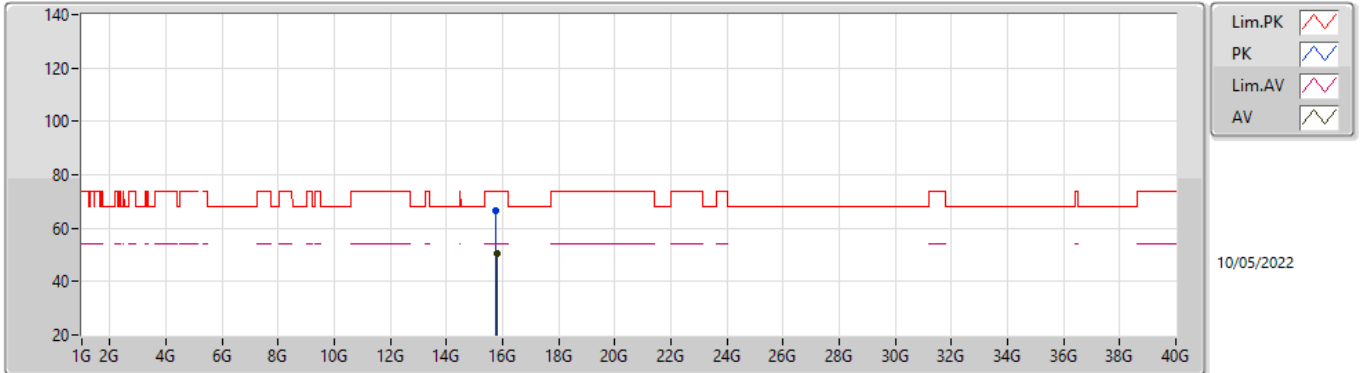


EUT_X_2TX
Setting 25
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.782G	63.45	74.00	-10.55	50.92	3	Vertical	29	1.93	-	38.63	9.05	35.15
AV	15.7826G	47.53	54.00	-6.47	35.00	3	Vertical	29	1.93	-	38.63	9.05	35.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

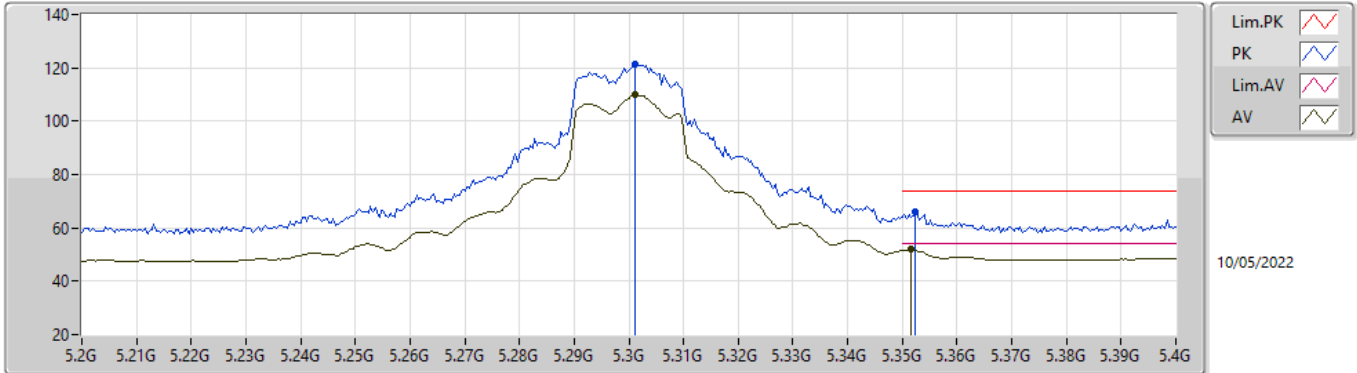


EUT X_2TX
Setting 25
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.7728G	66.53	74.00	-7.47	54.05	3	Horizontal	302	1.64	-	38.59	9.04	35.15
AV	15.7824G	50.45	54.00	-3.55	37.92	3	Horizontal	302	1.64	-	38.63	9.05	35.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

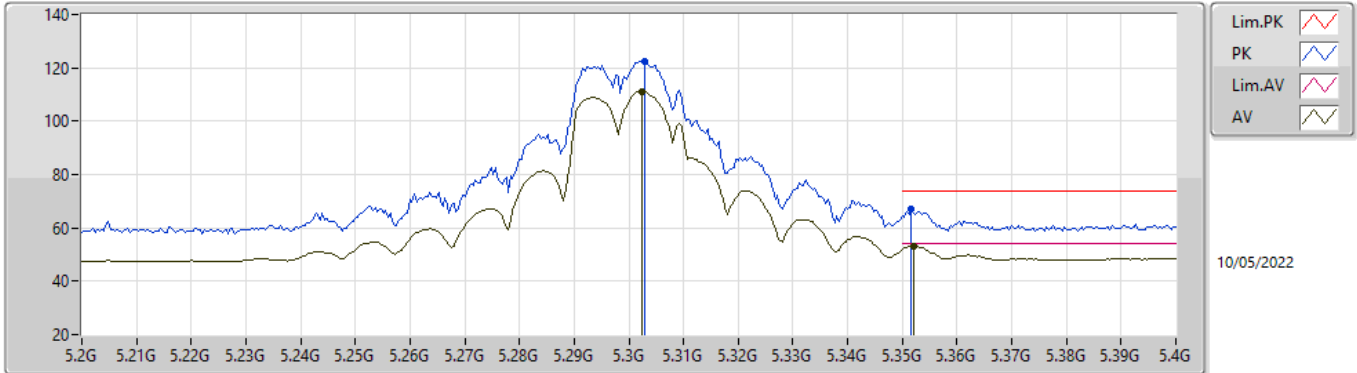


EUTX_2TX
Setting 25.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3012G	121.30	Inf	-Inf	116.27	3	Vertical	309	2.43	-	33.10	5.10	33.17
AV	5.3012G	109.98	Inf	-Inf	104.95	3	Vertical	309	2.43	-	33.10	5.10	33.17
PK	5.3524G	65.97	74.00	-8.03	60.93	3	Vertical	309	2.43	-	33.11	5.10	33.17
AV	5.3516G	51.83	54.00	-2.17	46.79	3	Vertical	309	2.43	-	33.11	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

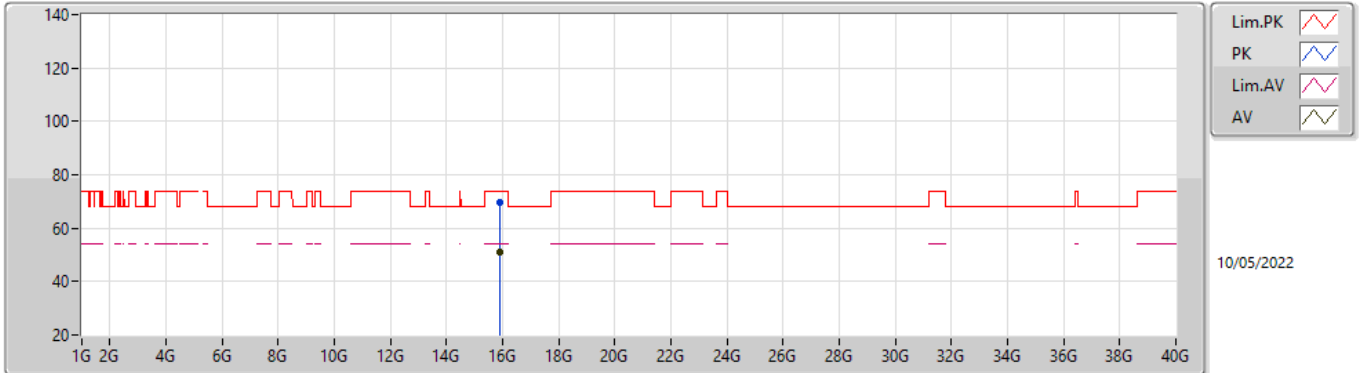


EUTX_2TX
Setting 25.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3028G	122.46	Inf	-Inf	117.43	3	Horizontal	100	1.07	-	33.10	5.10	33.17
AV	5.3024G	111.22	Inf	-Inf	106.19	3	Horizontal	100	1.07	-	33.10	5.10	33.17
PK	5.3516G	66.88	74.00	-7.12	61.84	3	Horizontal	100	1.07	-	33.11	5.10	33.17
AV	5.352G	53.05	54.00	-0.95	48.01	3	Horizontal	100	1.07	-	33.11	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

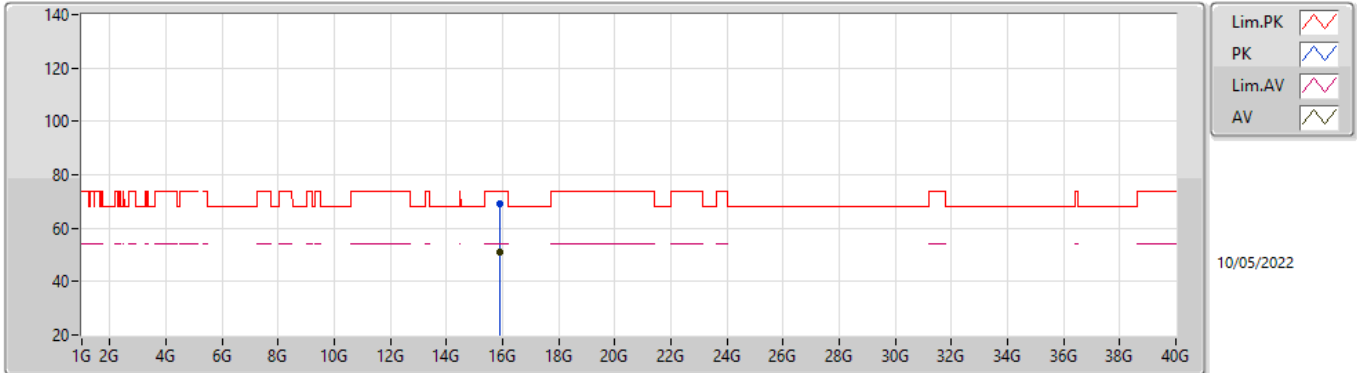


EUT X_2TX
Setting 25.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9018G	69.60	74.00	-4.40	56.77	3	Vertical	3	1.61	-	38.90	9.08	35.15
AV	15.90252G	51.04	54.00	-2.96	38.22	3	Vertical	3	1.61	-	38.89	9.08	35.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

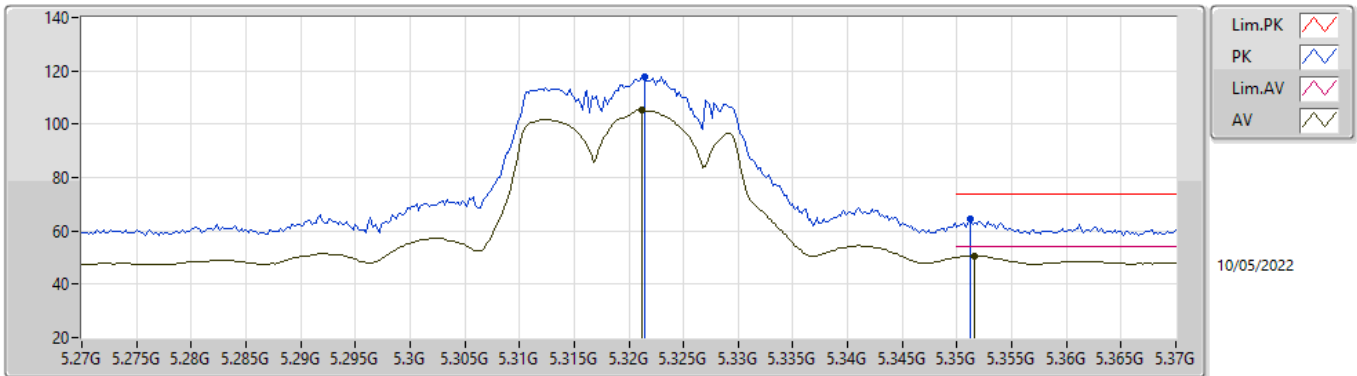


EUT_X_2TX
Setting 25.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.90336G	69.31	74.00	-4.69	56.49	3	Horizontal	307	1.66	-	38.89	9.08	35.15
AV	15.90264G	51.10	54.00	-2.90	38.28	3	Horizontal	307	1.66	-	38.89	9.08	35.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

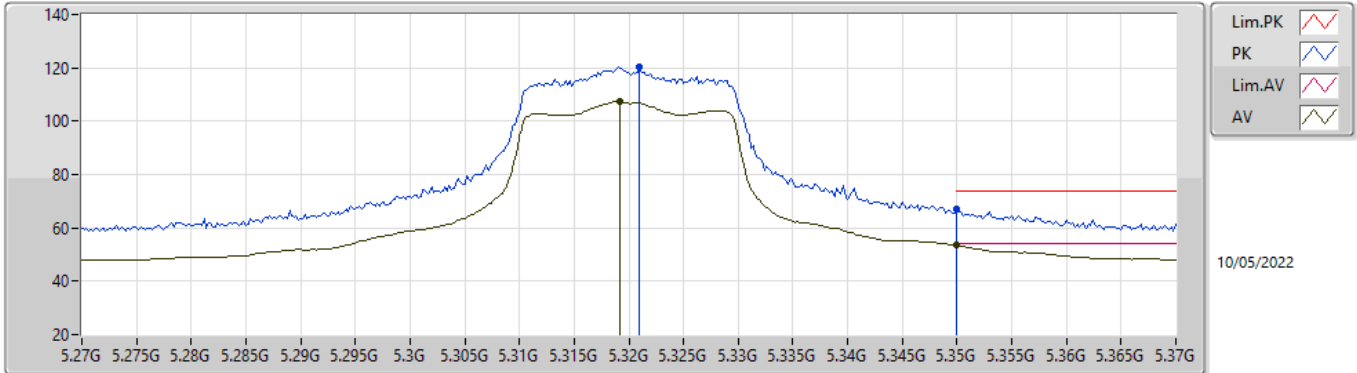


EUTX_2TX
Setting 22.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3214G	117.84	Inf	-Inf	112.81	3	Vertical	238	1.78	-	33.10	5.10	33.17
AV	5.3212G	105.17	Inf	-Inf	100.14	3	Vertical	238	1.78	-	33.10	5.10	33.17
PK	5.3512G	64.56	74.00	-9.44	59.52	3	Vertical	238	1.78	-	33.11	5.10	33.17
AV	5.3516G	50.71	54.00	-3.29	45.67	3	Vertical	238	1.78	-	33.11	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

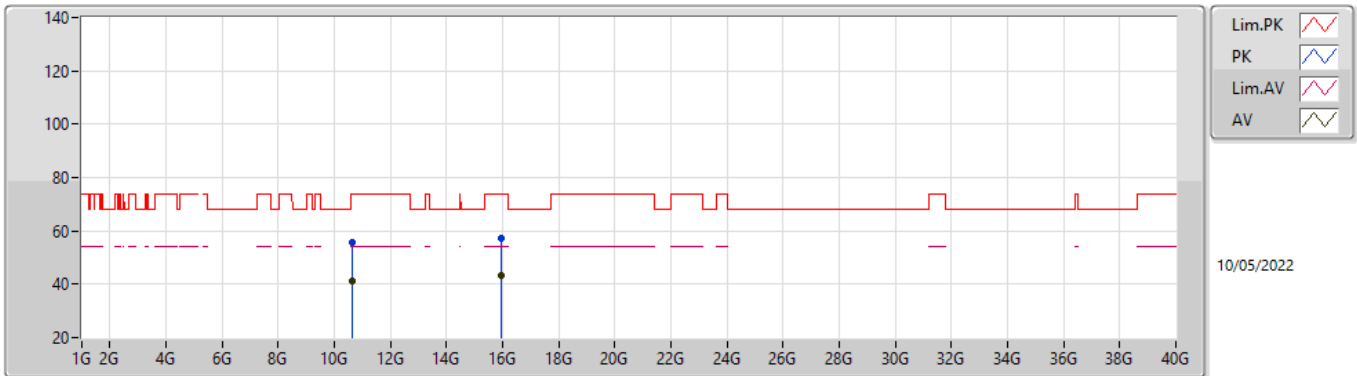


EUTX_2TX
Setting 22.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.321G	120.52	Inf	-Inf	115.49	3	Horizontal	102	1.80	-	33.10	5.10	33.17
AV	5.3192G	107.50	Inf	-Inf	102.47	3	Horizontal	102	1.80	-	33.10	5.10	33.17
PK	5.35G	66.99	74.00	-7.01	61.96	3	Horizontal	102	1.80	-	33.10	5.10	33.17
AV	5.35G	53.41	54.00	-0.59	48.38	3	Horizontal	102	1.80	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

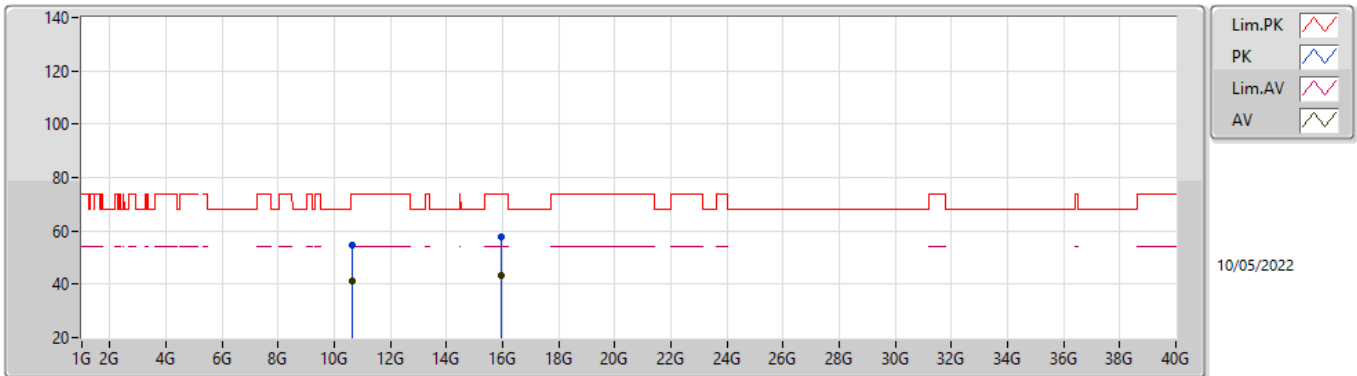


EUTX_2TX
Setting 22.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64056G	55.87	74.00	-18.13	42.73	3	Vertical	50	1.83	-	39.32	8.05	34.23
AV	10.64032G	41.27	54.00	-12.73	28.13	3	Vertical	50	1.83	-	39.32	8.05	34.23
PK	15.964G	57.26	74.00	-16.74	44.56	3	Vertical	173	1.78	-	38.77	9.09	35.16
AV	15.96348G	43.47	54.00	-10.53	30.77	3	Vertical	173	1.78	-	38.77	9.09	35.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

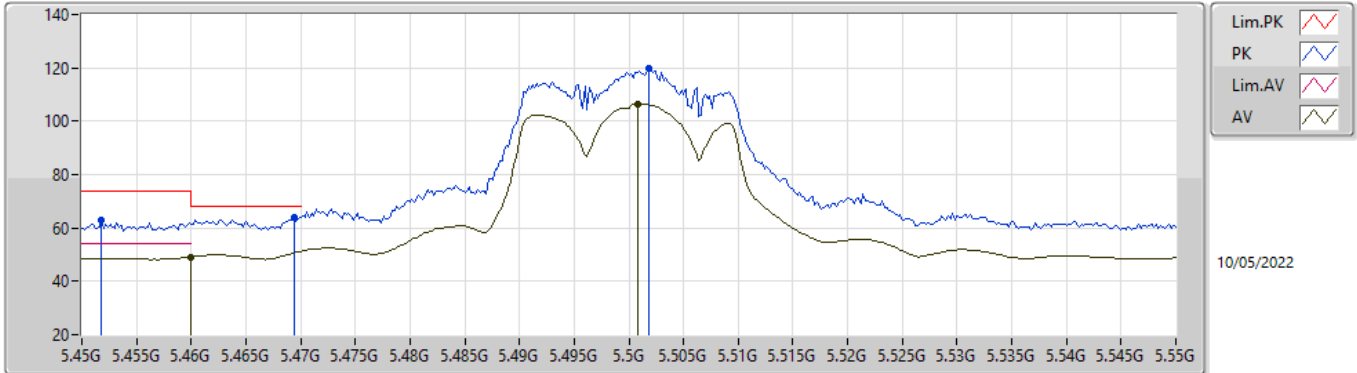


EUTX_2TX
Setting 22.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63534G	54.91	74.00	-19.09	41.79	3	Horizontal	216	2.22	-	39.31	8.04	34.23
AV	10.6365G	41.14	54.00	-12.86	28.01	3	Horizontal	216	2.22	-	39.31	8.05	34.23
PK	15.96182G	57.57	74.00	-16.43	44.86	3	Horizontal	279	1.64	-	38.78	9.09	35.16
AV	15.95964G	43.50	54.00	-10.50	30.79	3	Horizontal	279	1.64	-	38.78	9.09	35.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

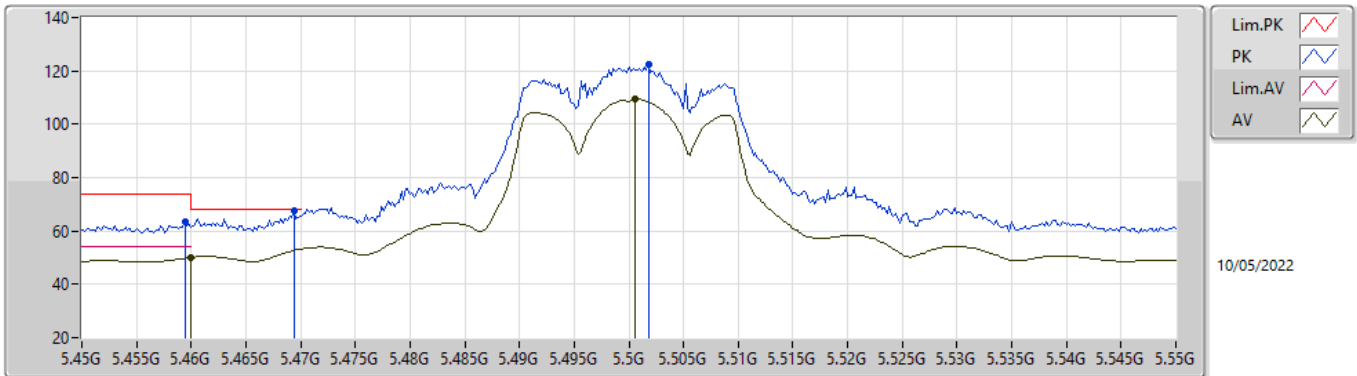


EUT_X_2TX
Setting 23
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4518G	62.84	74.00	-11.16	57.07	3	Vertical	235	1.96	-	33.80	5.15	33.18
AV	5.46G	49.17	54.00	-4.83	43.37	3	Vertical	235	1.96	-	33.82	5.16	33.18
PK	5.4694G	63.86	68.20	-4.34	58.03	3	Vertical	235	1.96	-	33.84	5.17	33.18
PK	5.5018G	119.77	Inf	-Inf	113.84	3	Vertical	235	1.96	-	33.91	5.20	33.18
AV	5.5008G	106.63	Inf	-Inf	100.71	3	Vertical	235	1.96	-	33.90	5.20	33.18

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom



EUT_X_2TX
Setting 23
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4594G	63.50	74.00	-10.50	57.70	3	Horizontal	95	1.34	-	33.82	5.16	33.18
AV	5.46G	50.06	54.00	-3.94	44.26	3	Horizontal	95	1.34	-	33.82	5.16	33.18
PK	5.4694G	67.49	68.20	-0.71	61.66	3	Horizontal	95	1.34	-	33.84	5.17	33.18
PK	5.5018G	122.47	Inf	-Inf	116.54	3	Horizontal	95	1.34	-	33.91	5.20	33.18
AV	5.5006G	109.38	Inf	-Inf	103.46	3	Horizontal	95	1.34	-	33.90	5.20	33.18

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

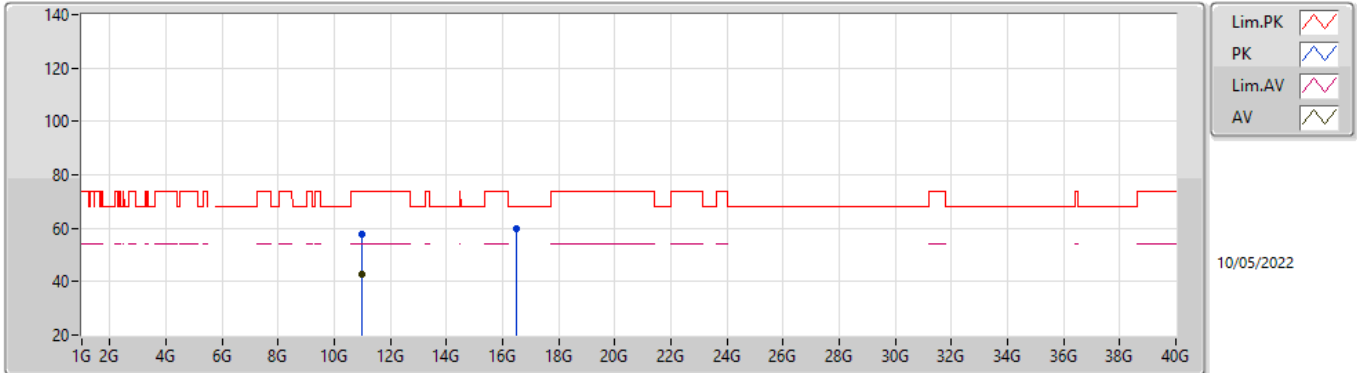


EUT_X_2TX
Setting 23
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.00172G	55.09	74.00	-18.91	41.80	3	Vertical	209	2.26	-	39.50	8.30	34.51
AV	11.00208G	39.55	54.00	-14.45	26.26	3	Vertical	209	2.26	-	39.50	8.30	34.51
PK	16.49848G	59.45	68.20	-8.75	45.47	3	Vertical	88	1.06	-	39.79	9.27	35.08

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

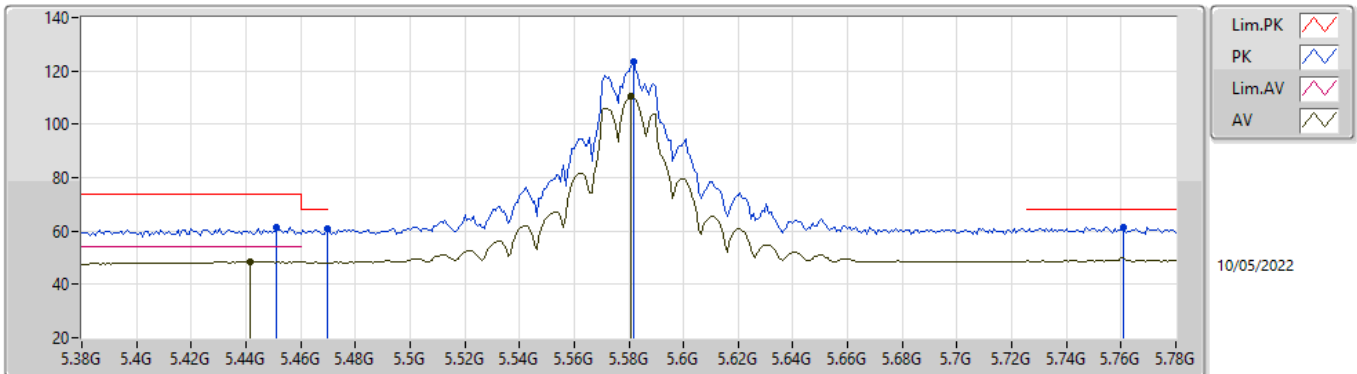


EUT_X_2TX
Setting 23
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0039G	57.61	74.00	-16.39	44.33	3	Horizontal	137	2.98	-	39.49	8.30	34.51
AV	11.0022G	42.55	54.00	-11.45	29.26	3	Horizontal	137	2.98	-	39.50	8.30	34.51
PK	16.50032G	60.03	68.20	-8.17	46.03	3	Horizontal	242	2.96	-	39.80	9.28	35.08

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

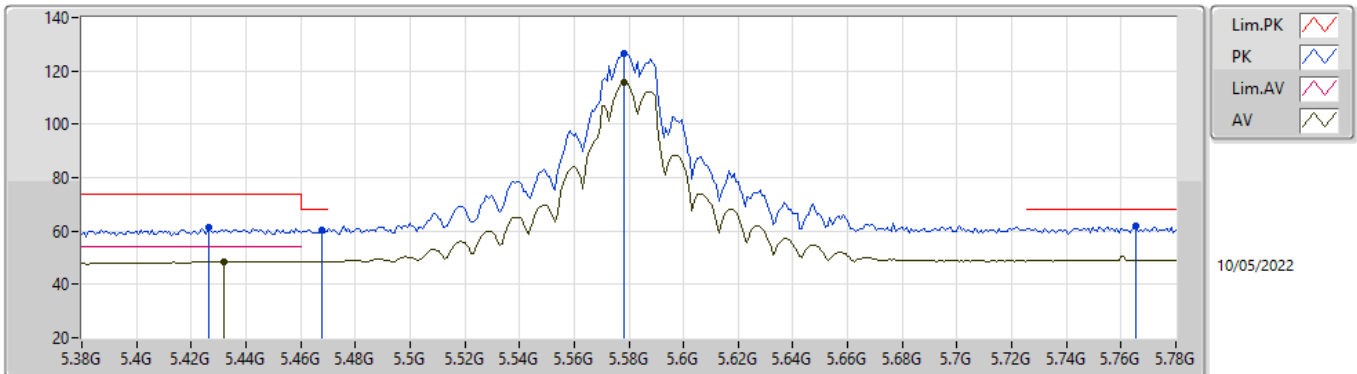


EUT_X_2TX
Setting 30
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4512G	61.49	74.00	-12.51	55.72	3	Vertical	237	2.02	-	33.80	5.15	33.18
AV	5.4416G	48.33	54.00	-5.67	42.64	3	Vertical	237	2.02	-	33.73	5.14	33.18
PK	5.4696G	60.81	68.20	-7.39	54.98	3	Vertical	237	2.02	-	33.84	5.17	33.18
PK	5.5816G	123.68	Inf	-Inf	117.57	3	Vertical	237	2.02	-	34.04	5.28	33.21
AV	5.5808G	110.38	Inf	-Inf	104.27	3	Vertical	237	2.02	-	34.04	5.28	33.21
PK	5.7608G	61.53	68.20	-6.67	55.09	3	Vertical	237	2.02	-	34.42	5.30	33.28

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

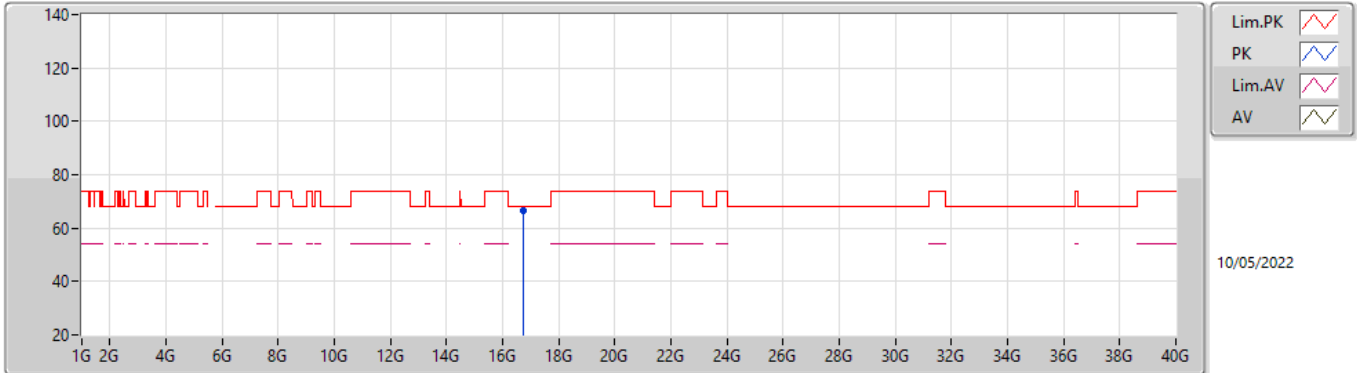


EUT_X_2TX
Setting 30
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4264G	61.24	74.00	-12.76	55.68	3	Horizontal	265	2.68	-	33.61	5.13	33.18
AV	5.432G	48.62	54.00	-5.38	43.01	3	Horizontal	265	2.68	-	33.66	5.13	33.18
PK	5.468G	60.27	68.20	-7.93	54.44	3	Horizontal	265	2.68	-	33.84	5.17	33.18
PK	5.5784G	126.40	Inf	-Inf	120.29	3	Horizontal	265	2.68	-	34.04	5.28	33.21
AV	5.5784G	115.56	Inf	-Inf	109.45	3	Horizontal	265	2.68	-	34.04	5.28	33.21
PK	5.7656G	61.73	68.20	-6.47	55.29	3	Horizontal	265	2.68	-	34.43	5.30	33.29

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

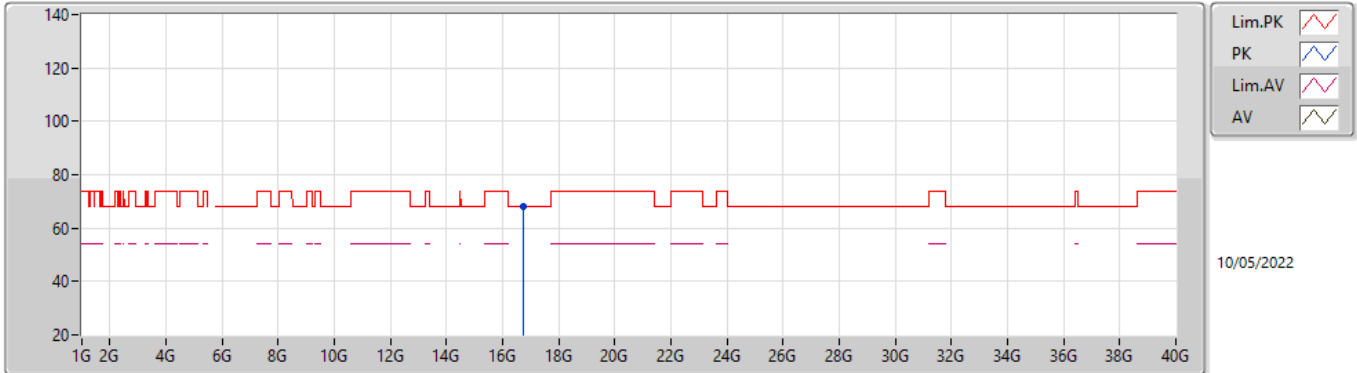


EUT_X_2TX
Setting 30
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.74348G	66.38	68.20	-1.82	51.95	3	Vertical	72	1.91	-	40.04	9.36	34.97

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

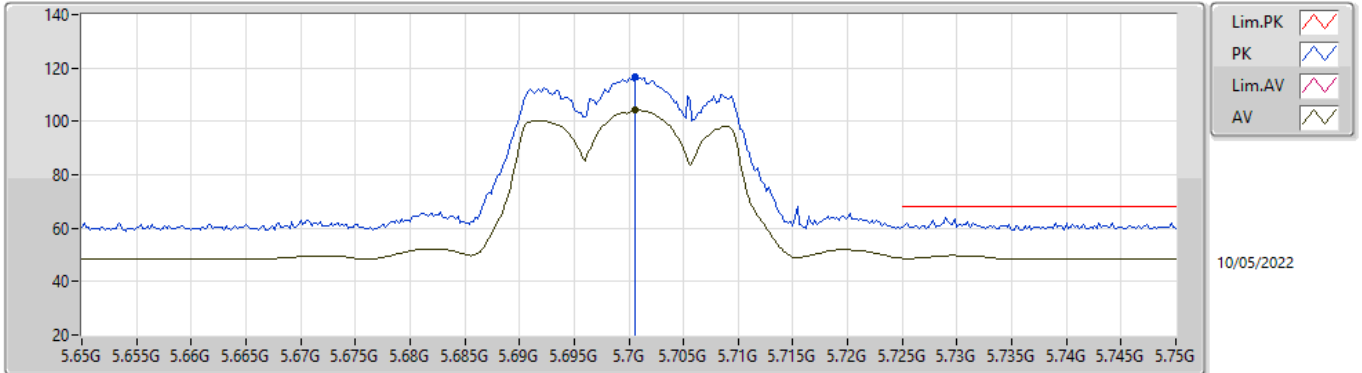


EUT X_2TX
Setting 30
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.73244G	68.16	68.20	-0.04	53.74	3	Horizontal	293	1.63	-	40.03	9.36	34.97

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

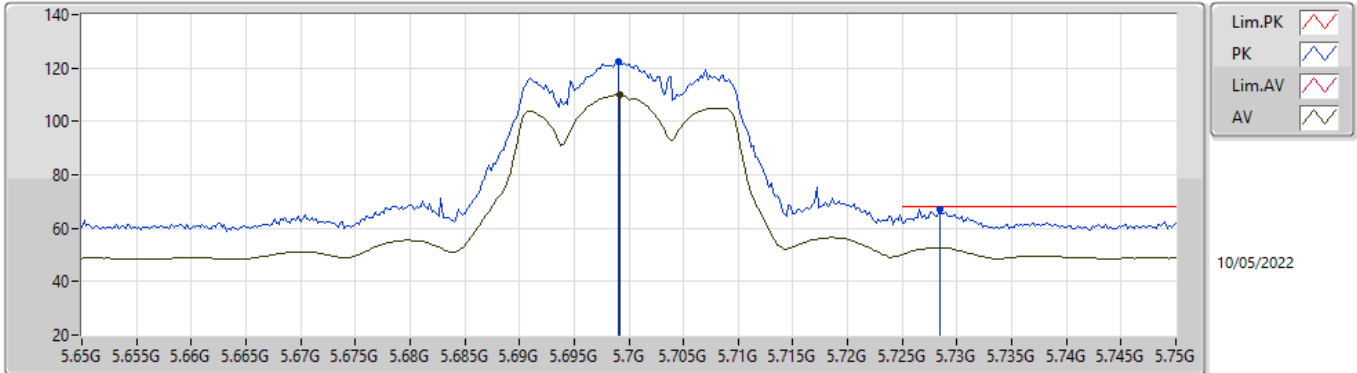


EUT_X_2TX
Setting 21.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7006G	116.54	Inf	-Inf	110.30	3	Vertical	231	1.83	-	34.20	5.30	33.26
AV	5.7006G	104.23	Inf	-Inf	97.99	3	Vertical	231	1.83	-	34.20	5.30	33.26

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

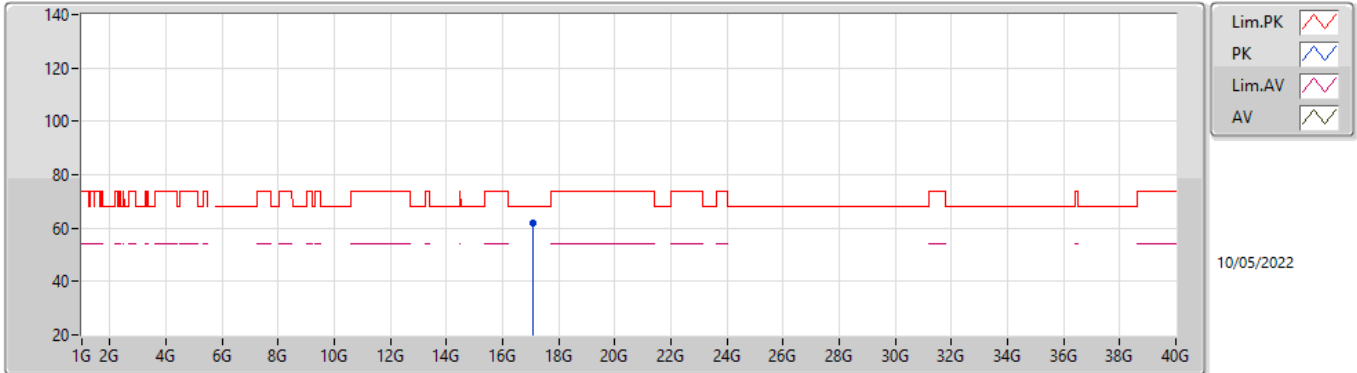


EUT_X_2TX
Setting 21.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.699G	122.29	Inf	-Inf	116.05	3	Horizontal	270	2.42	-	34.20	5.30	33.26
AV	5.6992G	109.86	Inf	-Inf	103.62	3	Horizontal	270	2.42	-	34.20	5.30	33.26
PK	5.7284G	67.17	68.20	-1.03	60.83	3	Horizontal	270	2.42	-	34.31	5.30	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

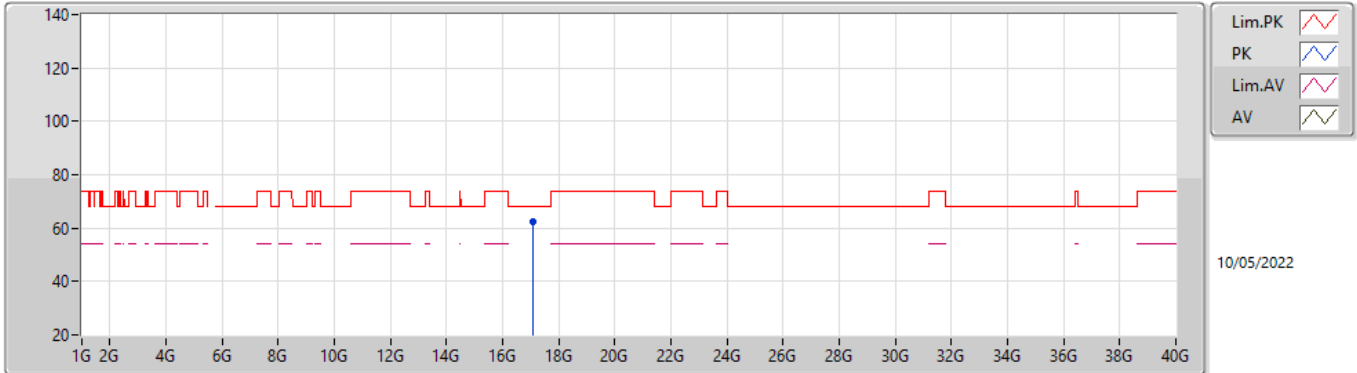


EUTX_2TX
Setting 21.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	17.09582G	61.76	68.20	-6.44	46.08	3	Vertical	184	2.84	-	40.98	9.48	34.78

802.11ax HEW20_Nss1,(MCS0)_2TX

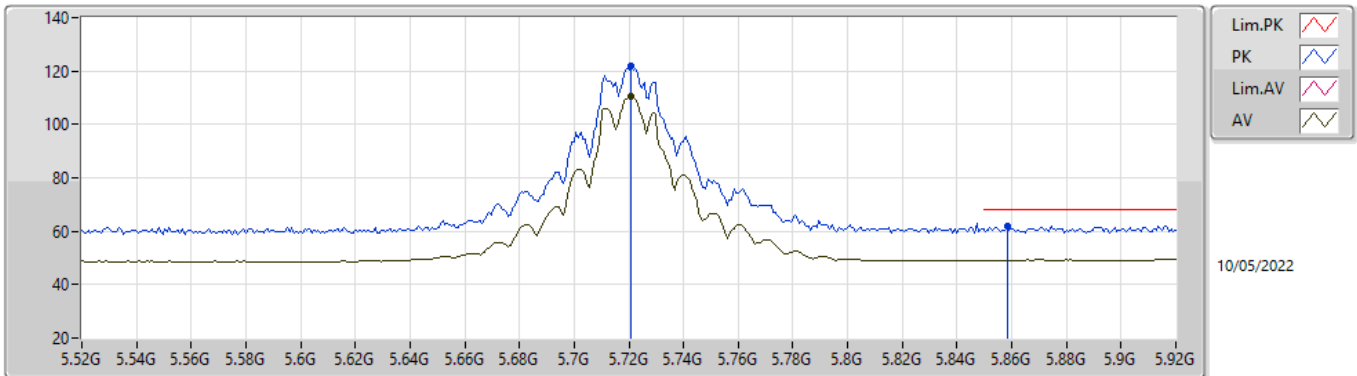
5700MHz_TnomVnom



EUT X_2TX
Setting 21.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	17.09718G	62.43	68.20	-5.77	46.74	3	Horizontal	351	1.96	-	40.99	9.48	34.78

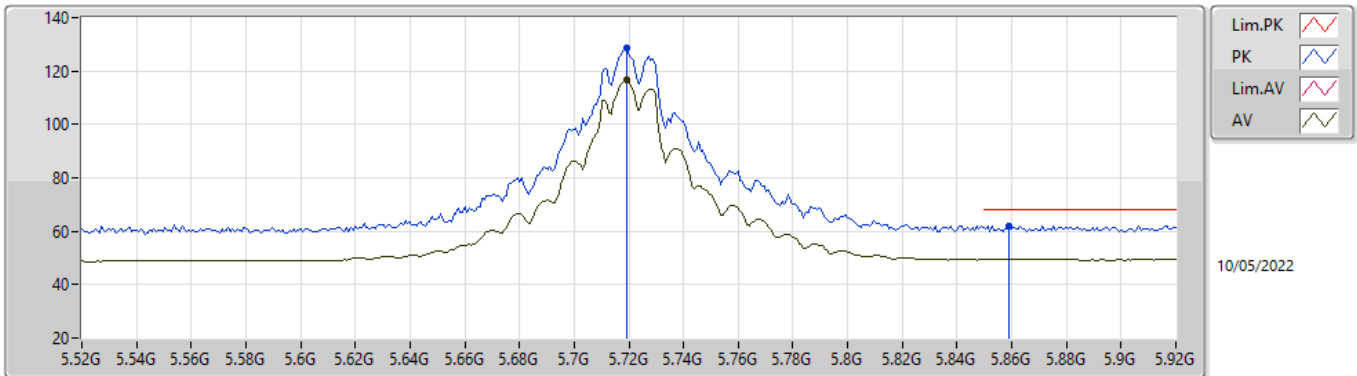
802.11ax HEW20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.47-5.725GHz_TnomVnom



EUT X_2TX
 Setting 30
 04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7208G	121.95	Inf	-Inf	115.64	3	Vertical	232	1.85	-	34.28	5.30	33.27
AV	5.7208G	110.41	Inf	-Inf	104.10	3	Vertical	232	1.85	-	34.28	5.30	33.27
PK	5.8584G	62.04	68.20	-6.16	55.21	3	Vertical	232	1.85	-	34.82	5.33	33.32

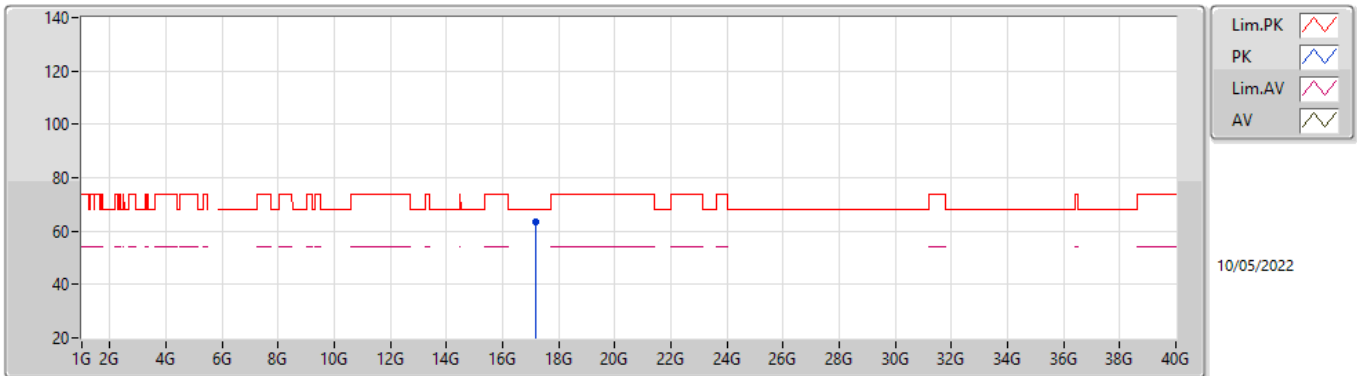
802.11ax HEW20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
 Setting 30
 04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7192G	128.69	Inf	-Inf	122.38	3	Horizontal	276	2.58	-	34.28	5.30	33.27
AV	5.7192G	116.47	Inf	-Inf	110.16	3	Horizontal	276	2.58	-	34.28	5.30	33.27
PK	5.8592G	61.88	68.20	-6.32	55.05	3	Horizontal	276	2.58	-	34.82	5.33	33.32

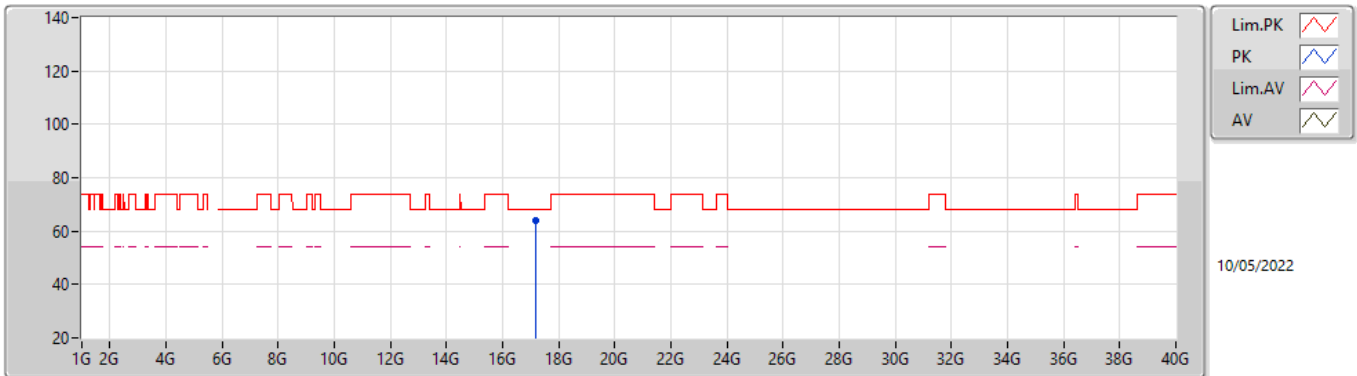
802.11ax HEW20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
 Setting 30
 04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.15988G	63.33	68.20	-4.87	47.43	3	Vertical	309	1.68	-	41.12	9.51	34.73

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

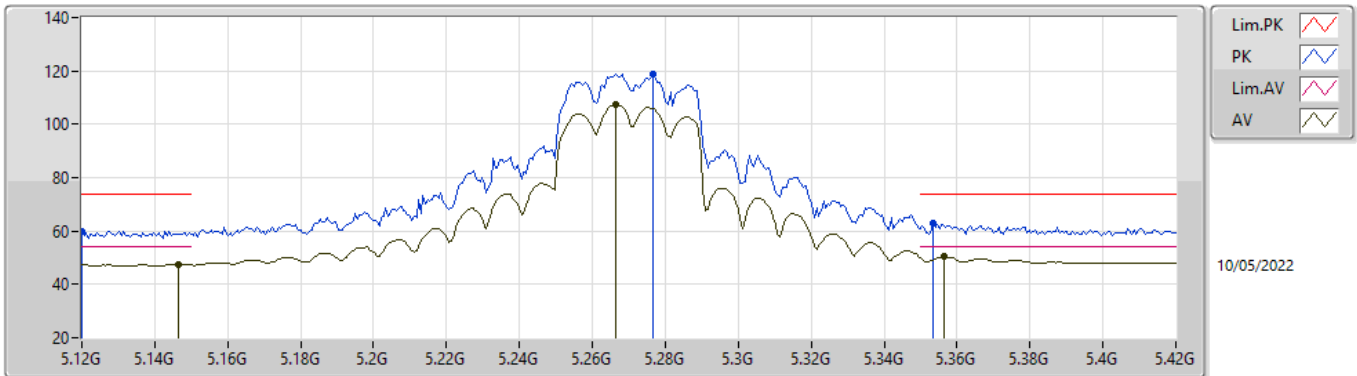


EUT_X_2TX
 Setting 30
 04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.15772G	63.82	68.20	-4.38	47.92	3	Horizontal	322	1.76	-	41.12	9.51	34.73

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

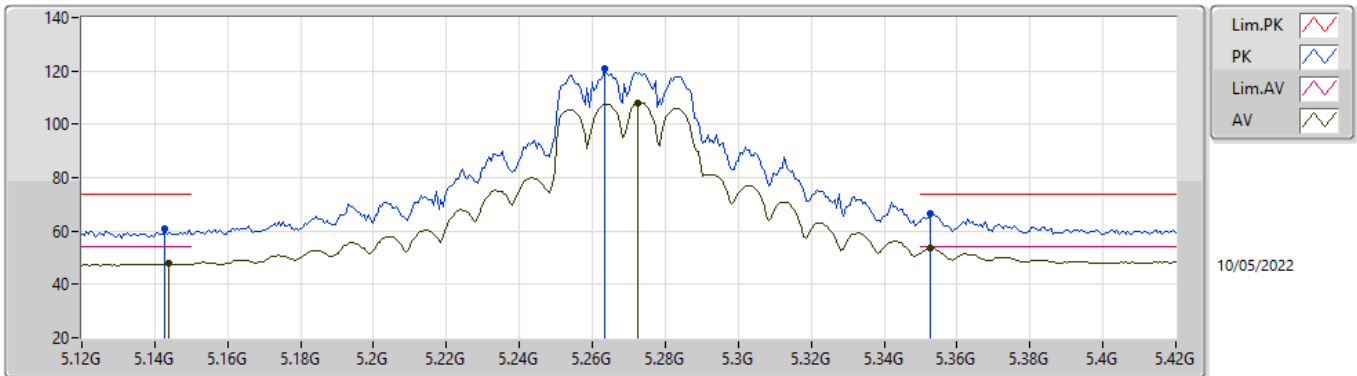


EUT_X_2TX
Setting 24.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.12G	60.00	74.00	-14.00	55.12	3	Vertical	299	1.29	-	33.02	5.02	33.16
AV	5.1464G	47.43	54.00	-6.57	42.64	3	Vertical	299	1.29	-	32.91	5.05	33.17
PK	5.2766G	118.87	Inf	-Inf	113.89	3	Vertical	299	1.29	-	33.05	5.10	33.17
AV	5.2664G	107.38	Inf	-Inf	102.42	3	Vertical	299	1.29	-	33.03	5.10	33.17
PK	5.3534G	62.82	74.00	-11.18	57.77	3	Vertical	299	1.29	-	33.12	5.10	33.17
AV	5.3564G	50.35	54.00	-3.65	45.28	3	Vertical	299	1.29	-	33.14	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

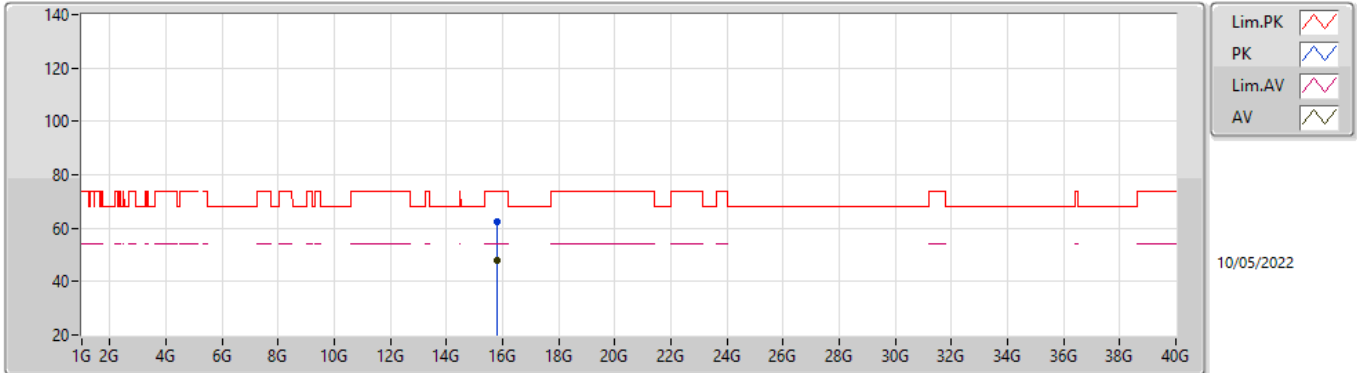


EUT_X_2TX
Setting 24.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1428G	60.70	74.00	-13.30	55.90	3	Horizontal	98	1.02	-	32.93	5.04	33.17
AV	5.144G	47.76	54.00	-6.24	42.97	3	Horizontal	98	1.02	-	32.92	5.04	33.17
PK	5.2634G	120.67	Inf	-Inf	115.71	3	Horizontal	98	1.02	-	33.03	5.10	33.17
AV	5.2724G	108.17	Inf	-Inf	103.20	3	Horizontal	98	1.02	-	33.04	5.10	33.17
PK	5.3528G	66.45	74.00	-7.55	61.40	3	Horizontal	98	1.02	-	33.12	5.10	33.17
AV	5.3528G	53.64	54.00	-0.36	48.59	3	Horizontal	98	1.02	-	33.12	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

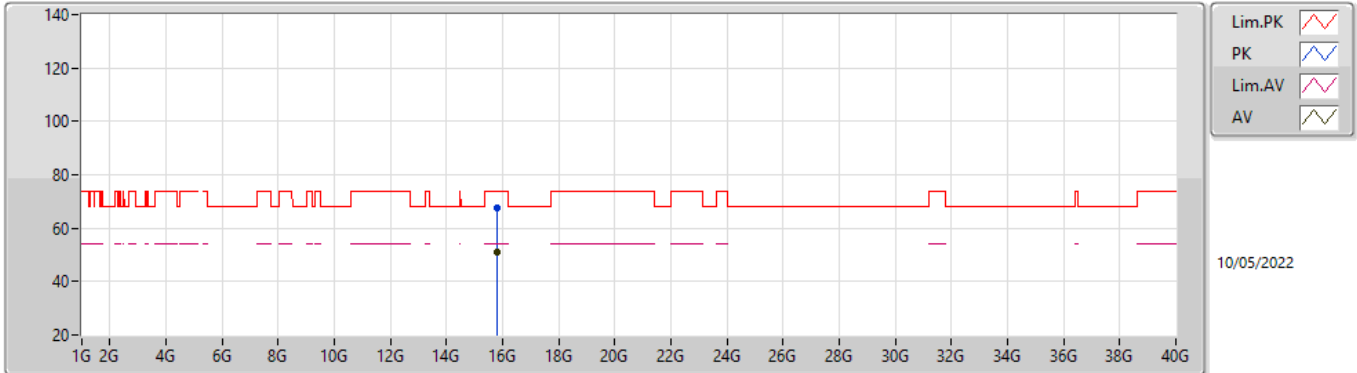


EUT X_2TX
Setting 24.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.82248G	62.23	74.00	-11.77	49.58	3	Vertical	175	2.97	-	38.74	9.06	35.15
AV	15.81348G	48.13	54.00	-5.87	35.50	3	Vertical	175	2.97	-	38.73	9.05	35.15

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

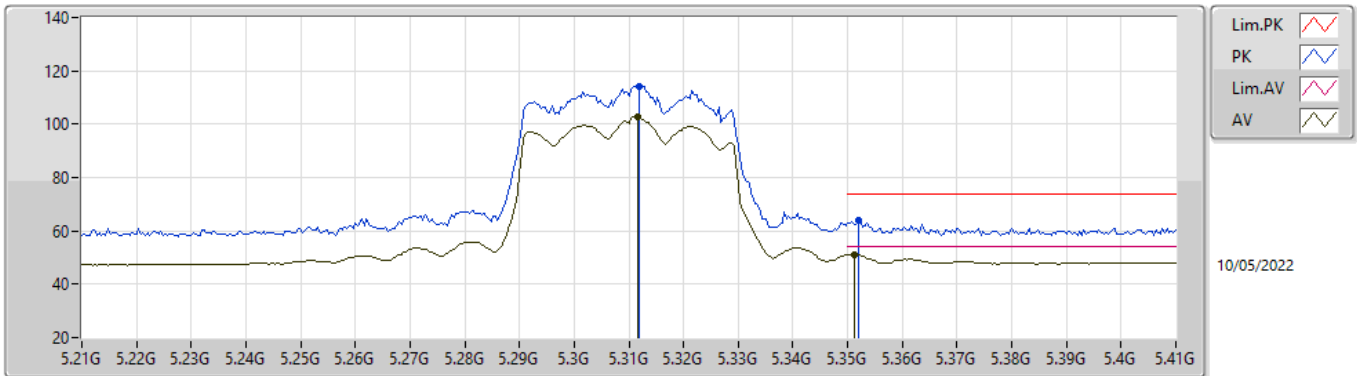


EUT X_2TX
Setting 24.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.82056G	67.38	74.00	-6.62	54.73	3	Horizontal	305	1.77	-	38.74	9.06	35.15
AV	15.81192G	51.16	54.00	-2.84	38.54	3	Horizontal	305	1.77	-	38.72	9.05	35.15

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

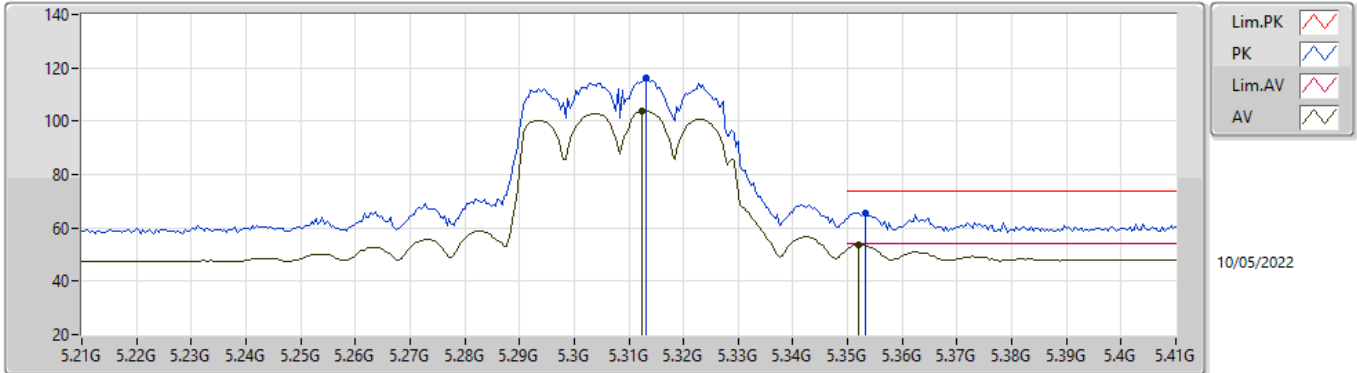


EUTX_2TX
Setting 20
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.312G	114.05	Inf	-Inf	109.02	3	Vertical	314	2.50	-	33.10	5.10	33.17
AV	5.3116G	102.59	Inf	-Inf	97.56	3	Vertical	314	2.50	-	33.10	5.10	33.17
PK	5.352G	63.92	74.00	-10.08	58.88	3	Vertical	314	2.50	-	33.11	5.10	33.17
AV	5.3512G	51.22	54.00	-2.78	46.18	3	Vertical	314	2.50	-	33.11	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

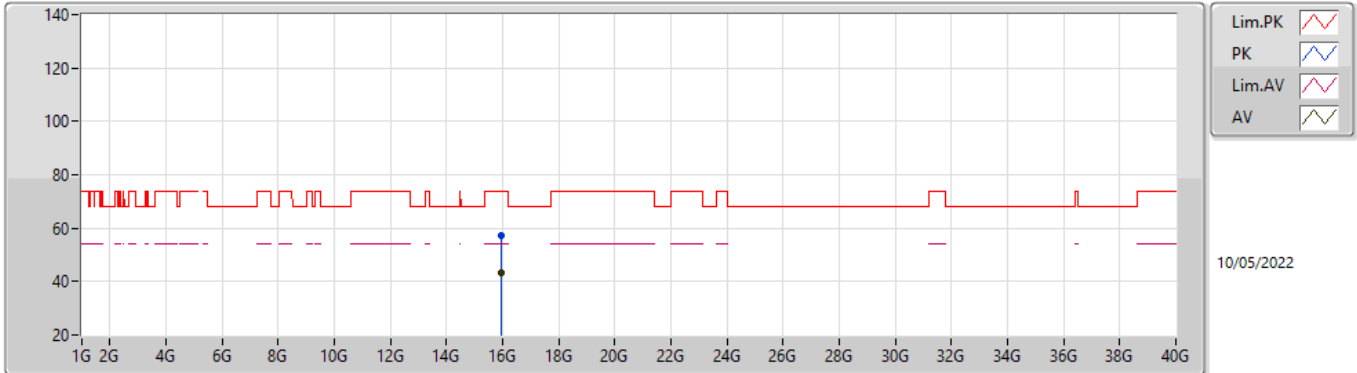


EUTX_2TX
Setting 20
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3132G	116.21	Inf	-Inf	111.18	3	Horizontal	97	1.00	-	33.10	5.10	33.17
AV	5.3124G	103.90	Inf	-Inf	98.87	3	Horizontal	97	1.00	-	33.10	5.10	33.17
PK	5.3532G	65.65	74.00	-8.35	60.60	3	Horizontal	97	1.00	-	33.12	5.10	33.17
AV	5.352G	53.67	54.00	-0.33	48.63	3	Horizontal	97	1.00	-	33.11	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

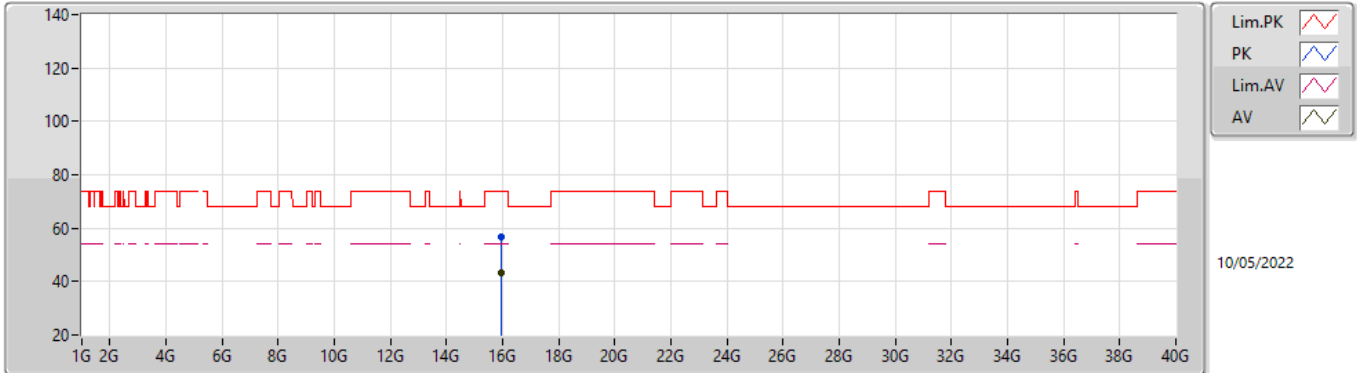


EUT_X_2TX
Setting 20
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.92876G	57.41	74.00	-16.59	44.65	3	Vertical	196	2.48	-	38.84	9.08	35.16
AV	15.93194G	43.41	54.00	-10.59	30.65	3	Vertical	196	2.48	-	38.84	9.08	35.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

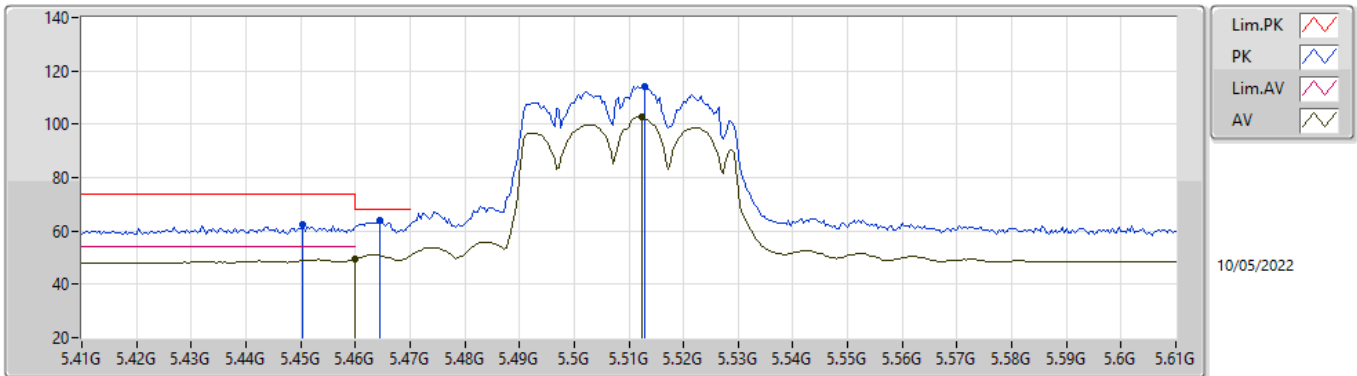


EUT_X_2TX
Setting 20
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9307G	56.87	74.00	-17.13	44.11	3	Horizontal	246	2.90	-	38.84	9.08	35.16
AV	15.9285G	43.43	54.00	-10.57	30.67	3	Horizontal	246	2.90	-	38.84	9.08	35.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

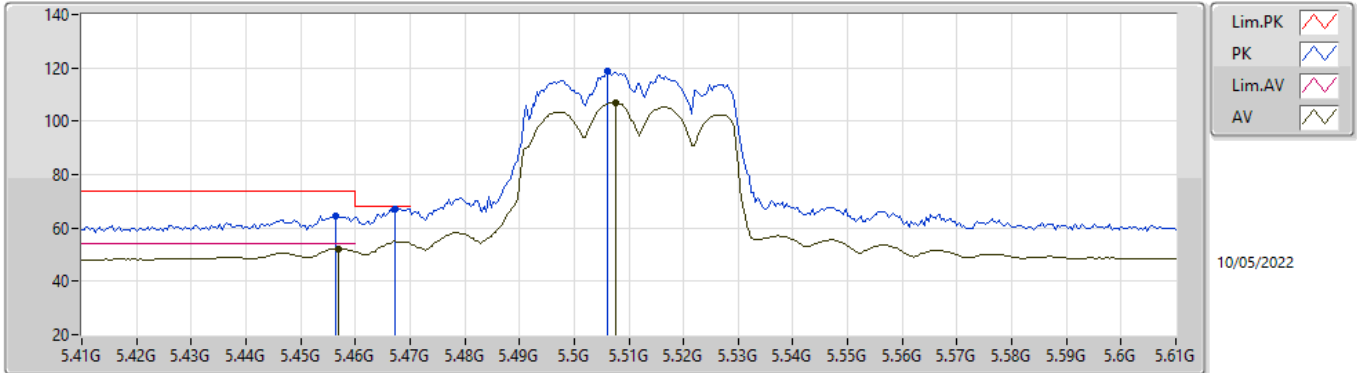


EUT_X_2TX
Setting 21
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4504G	62.35	74.00	-11.65	56.58	3	Vertical	235	1.77	-	33.80	5.15	33.18
PK	5.4644G	63.74	68.20	-4.46	57.93	3	Vertical	235	1.77	-	33.83	5.16	33.18
AV	5.46G	49.58	54.00	-4.42	43.78	3	Vertical	235	1.77	-	33.82	5.16	33.18
PK	5.5128G	114.35	Inf	-Inf	108.38	3	Vertical	235	1.77	-	33.95	5.21	33.19
AV	5.5124G	102.59	Inf	-Inf	96.61	3	Vertical	235	1.77	-	33.95	5.21	33.18

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

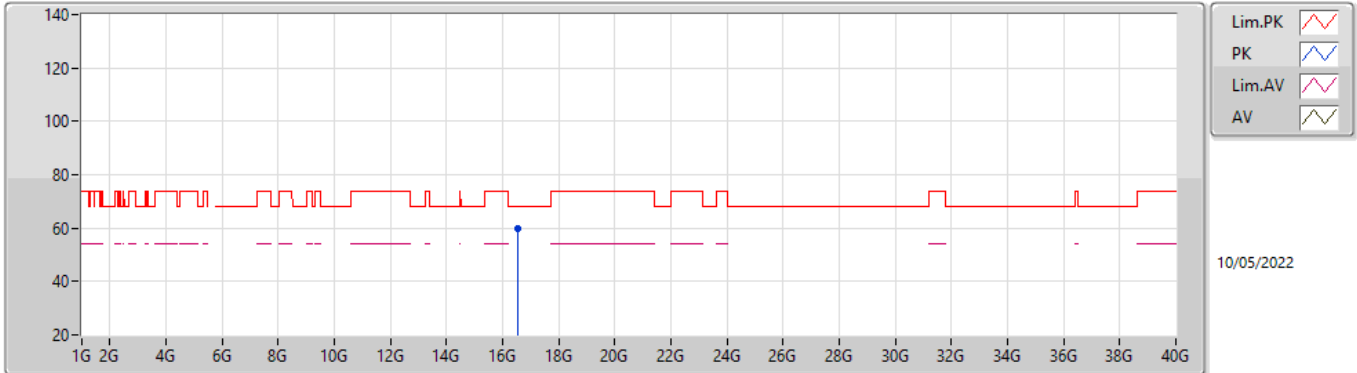


EUT_X_2TX
Setting 21
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4564G	64.66	74.00	-9.34	58.87	3	Horizontal	268	2.89	-	33.81	5.16	33.18
AV	5.4568G	52.27	54.00	-1.73	46.48	3	Horizontal	268	2.89	-	33.81	5.16	33.18
PK	5.4672G	67.25	68.20	-0.95	61.43	3	Horizontal	268	2.89	-	33.83	5.17	33.18
PK	5.506G	118.93	Inf	-Inf	112.98	3	Horizontal	268	2.89	-	33.92	5.21	33.18
AV	5.5076G	107.01	Inf	-Inf	101.05	3	Horizontal	268	2.89	-	33.93	5.21	33.18

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

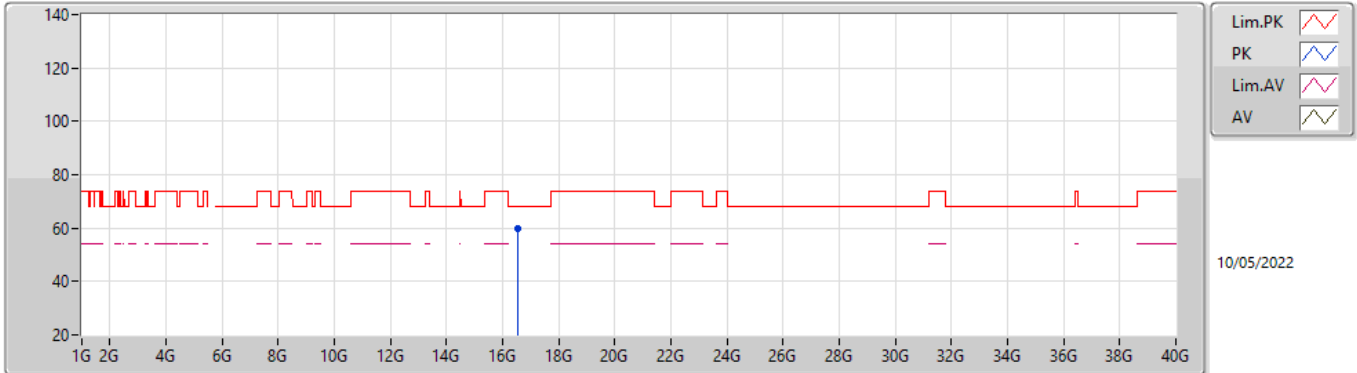


EUT_X_2TX
Setting 21
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.53438G	59.76	68.20	-8.44	45.66	3	Vertical	194	2.49	-	39.87	9.29	35.06

802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

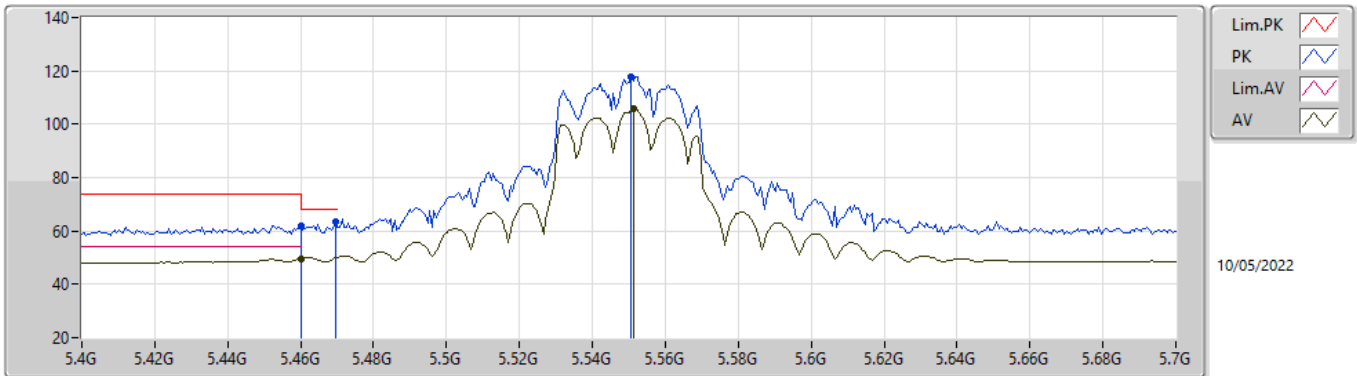


EUT X_2TX
Setting 21
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.5301G	59.71	68.20	-8.49	45.63	3	Horizontal	142	2.02	-	39.86	9.29	35.07

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

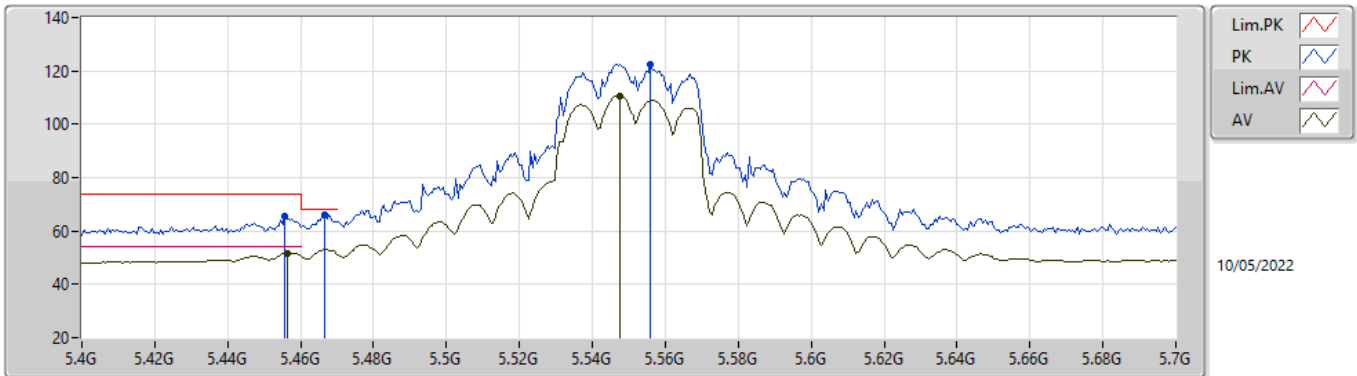


EUT_X_2TX
Setting 24.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.46G	62.01	74.00	-11.99	56.21	3	Vertical	234	1.96	-	33.82	5.16	33.18
AV	5.46G	49.54	54.00	-4.46	43.74	3	Vertical	234	1.96	-	33.82	5.16	33.18
PK	5.4696G	63.49	68.20	-4.71	57.66	3	Vertical	234	1.96	-	33.84	5.17	33.18
PK	5.5506G	117.76	Inf	-Inf	111.61	3	Vertical	234	1.96	-	34.10	5.25	33.20
AV	5.5512G	106.01	Inf	-Inf	99.86	3	Vertical	234	1.96	-	34.10	5.25	33.20

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom



EUT_X_2TX
Setting 24.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4558G	65.75	74.00	-8.25	59.96	3	Horizontal	270	2.85	-	33.81	5.16	33.18
AV	5.4564G	51.75	54.00	-2.25	45.96	3	Horizontal	270	2.85	-	33.81	5.16	33.18
PK	5.4666G	66.08	68.20	-2.12	60.26	3	Horizontal	270	2.85	-	33.83	5.17	33.18
PK	5.556G	122.51	Inf	-Inf	116.36	3	Horizontal	270	2.85	-	34.09	5.26	33.20
AV	5.5476G	110.71	Inf	-Inf	104.57	3	Horizontal	270	2.85	-	34.09	5.25	33.20

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom



EUTX_2TX
Setting 24.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.64812G	61.04	68.20	-7.16	46.72	3	Vertical	18	1.81	-	40.00	9.33	35.01

802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

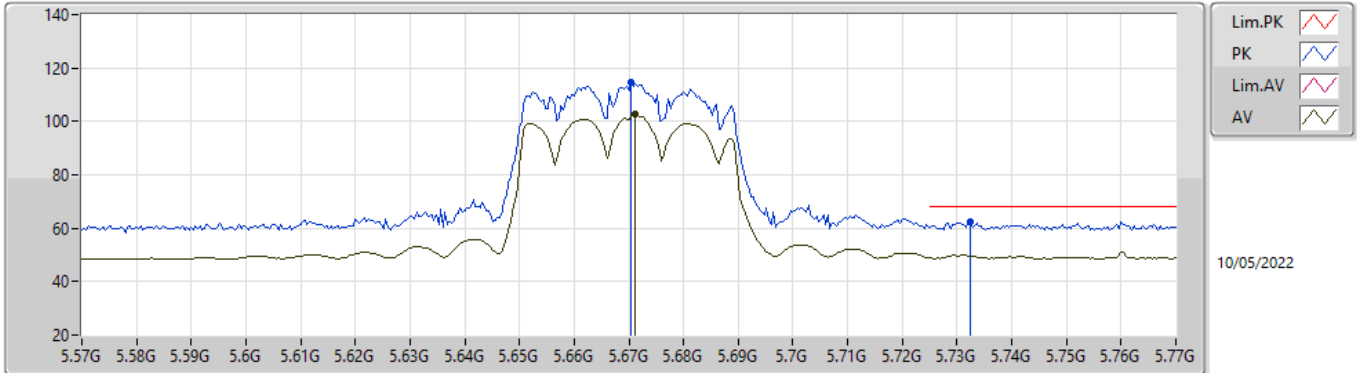


EUT_X_2TX
Setting 24.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.62144G	59.43	68.20	-8.77	45.13	3	Horizontal	56	1.80	-	40.00	9.32	35.02
PK	16.64626G	60.77	68.20	-7.43	46.45	3	Horizontal	250	1.48	-	40.00	9.33	35.01

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

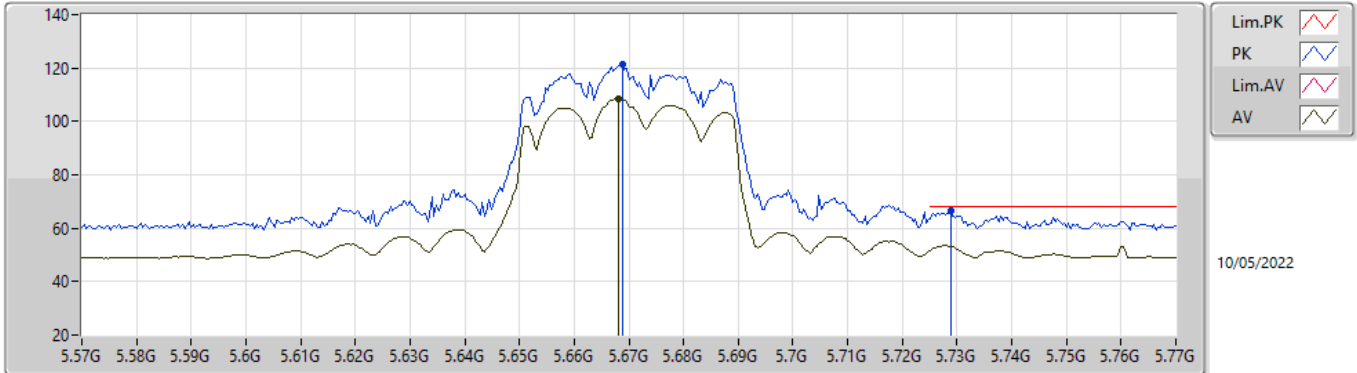


EUT_X_2TX
Setting 22
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6704G	114.43	Inf	-Inf	108.12	3	Vertical	234.6	1.79	-	34.26	5.30	33.25
AV	5.6712G	102.79	Inf	-Inf	96.48	3	Vertical	234.6	1.79	-	34.26	5.30	33.25
PK	5.7324G	62.43	68.20	-5.77	56.07	3	Vertical	234.6	1.79	-	34.33	5.30	33.27

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

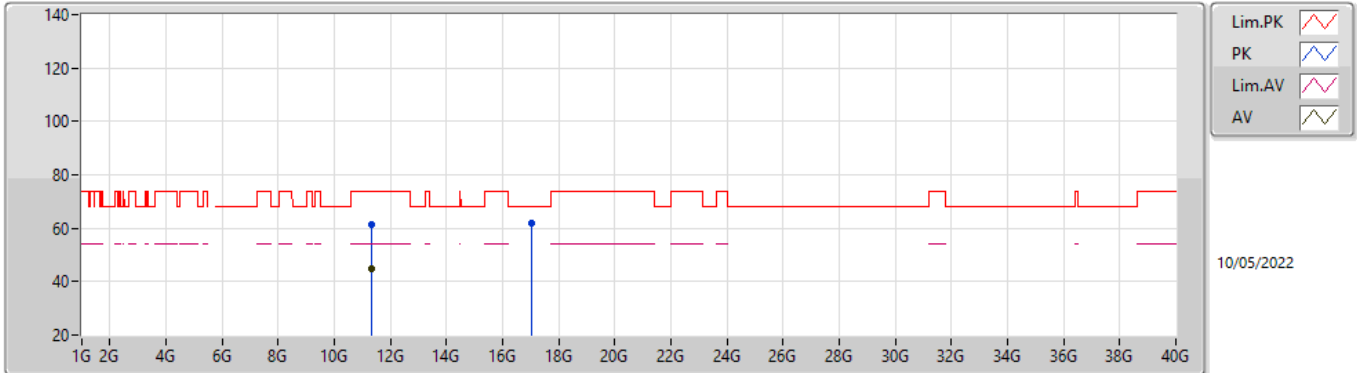


EUT_X_2TX
Setting 22
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6688G	121.63	Inf	-Inf	115.32	3	Horizontal	269	2.62	-	34.26	5.30	33.25
AV	5.668G	108.57	Inf	-Inf	102.26	3	Horizontal	269	2.62	-	34.26	5.30	33.25
PK	5.7288G	66.66	68.20	-1.54	60.31	3	Horizontal	269	2.62	-	34.32	5.30	33.27

802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

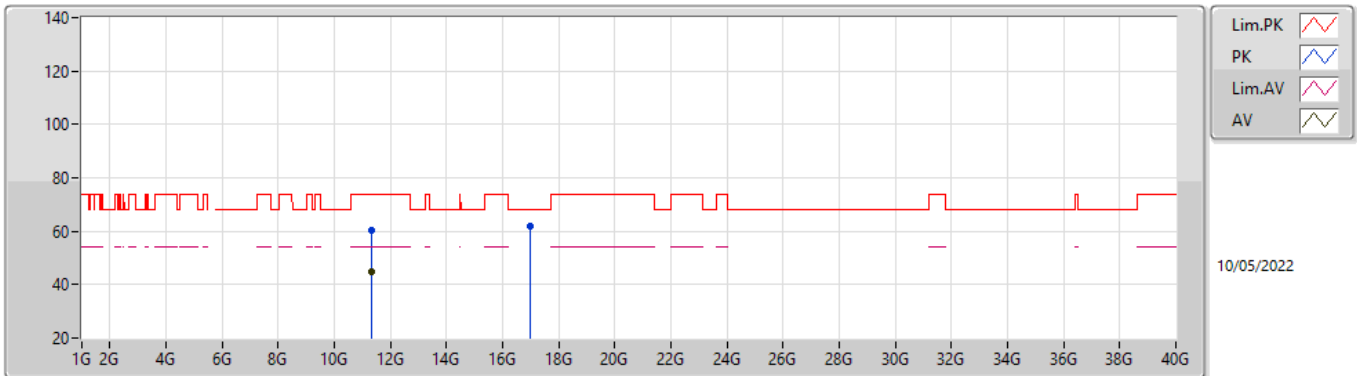


EUT_X_2TX
Setting 22
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.34408G	61.30	74.00	-12.70	48.04	3	Vertical	2	2.02	-	39.40	8.54	34.68
AV	11.34232G	44.74	54.00	-9.26	31.48	3	Vertical	2	2.02	-	39.40	8.54	34.68
PK	17.0112G	62.06	68.20	-6.14	46.81	3	Vertical	333	1.16	-	40.64	9.45	34.84

802.11ax HEW40_Nss1,(MCS0)_2TX

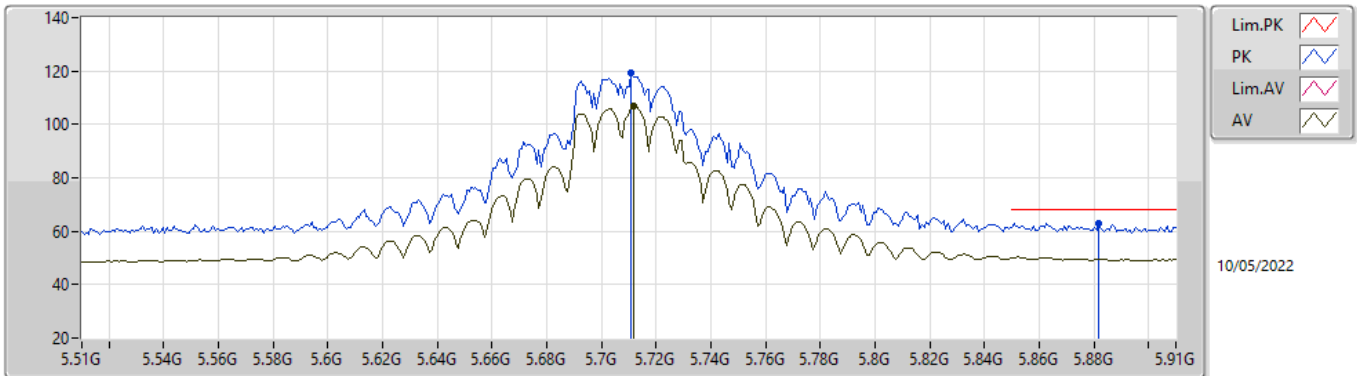
5670MHz_TnomVnom



EUT_X_2TX
Setting 22
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.34498G	60.29	74.00	-13.71	47.03	3	Horizontal	154	2.64	-	39.40	8.54	34.68
AV	11.3423G	44.72	54.00	-9.28	31.46	3	Horizontal	154	2.64	-	39.40	8.54	34.68
PK	17.00506G	61.93	68.20	-6.27	46.71	3	Horizontal	206	2.96	-	40.62	9.45	34.85

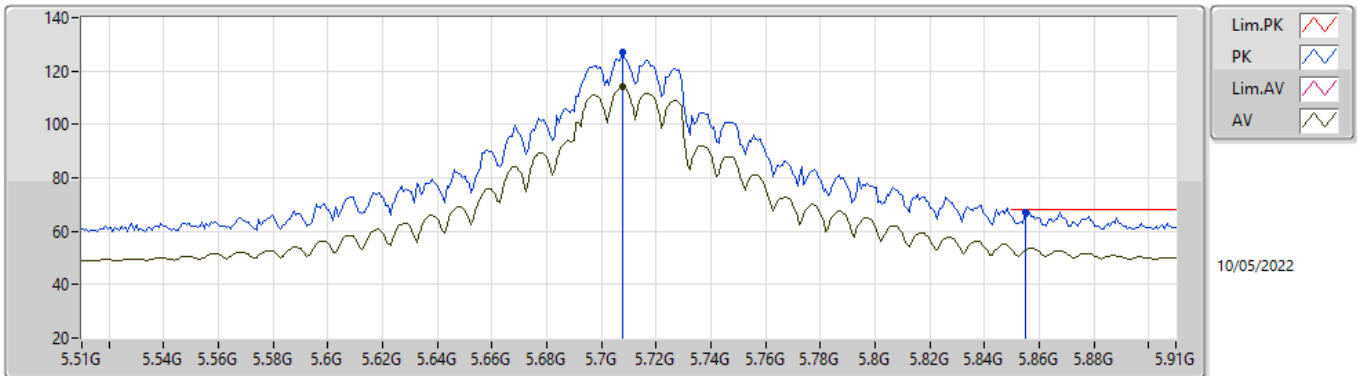
802.11ax HEW40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
 Setting 30
 04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7108G	119.18	Inf	-Inf	112.90	3	Vertical	255.5	1.83	-	34.24	5.30	33.26
AV	5.7116G	106.96	Inf	-Inf	100.67	3	Vertical	255.5	1.83	-	34.25	5.30	33.26
PK	5.882G	62.80	68.20	-5.40	55.93	3	Vertical	255.5	1.83	-	34.86	5.34	33.33

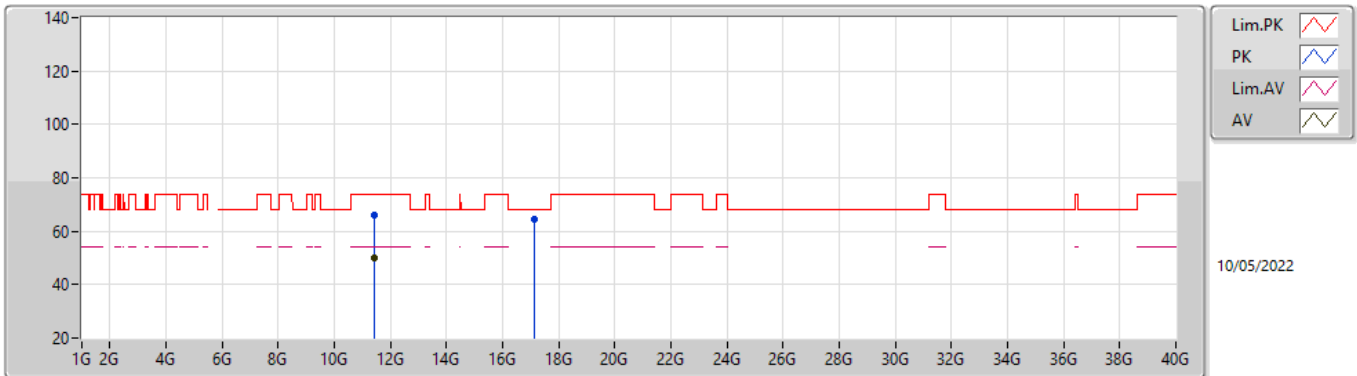
802.11ax HEW40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
 Setting 30
 04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7076G	126.88	Inf	-Inf	120.61	3	Horizontal	271	2.75	-	34.23	5.30	33.26
AV	5.7076G	113.90	Inf	-Inf	107.63	3	Horizontal	271	2.75	-	34.23	5.30	33.26
PK	5.8548G	67.00	68.20	-1.20	60.18	3	Horizontal	271	2.75	-	34.81	5.33	33.32

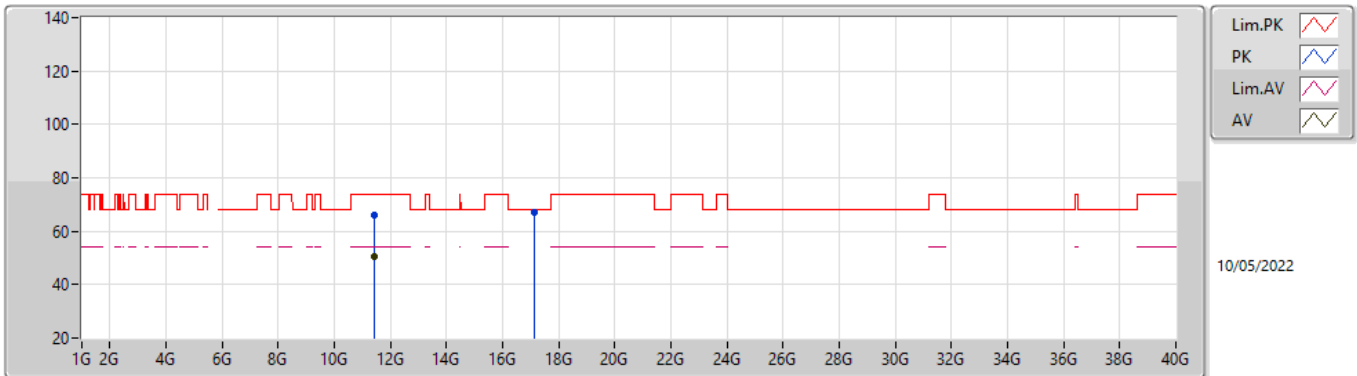
802.11ax HEW40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
 Setting 30
 04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4237G	65.80	74.00	-8.20	52.54	3	Vertical	114	2.69	-	39.38	8.60	34.72
AV	11.4153G	50.21	54.00	-3.79	36.96	3	Vertical	114	2.69	-	39.38	8.59	34.72
PK	17.12512G	64.74	68.20	-3.46	48.96	3	Vertical	138	1.74	-	41.05	9.49	34.76

802.11ax HEW40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz_TnomVnom

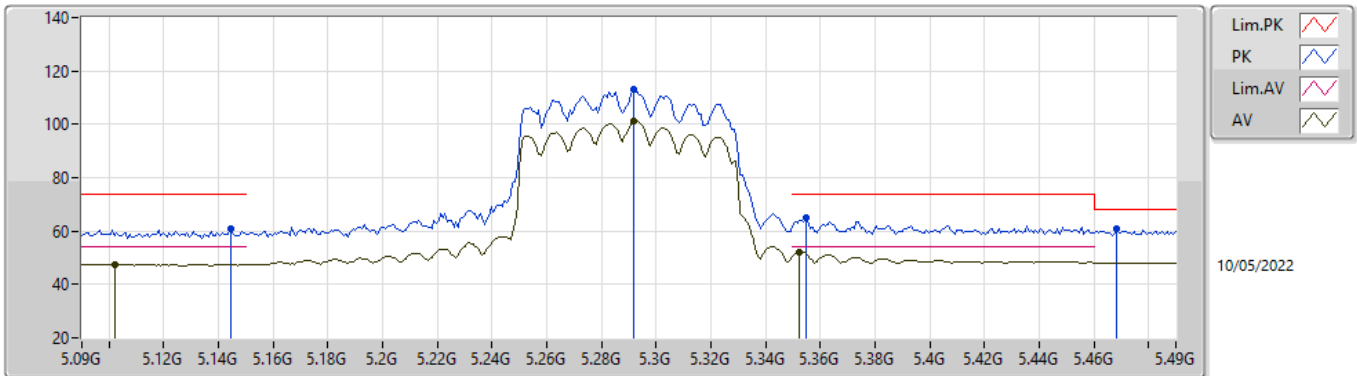


EUT_X_2TX
 Setting 30
 04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.42446G	65.82	74.00	-8.18	52.56	3	Horizontal	71	2.55	-	39.38	8.60	34.72
AV	11.41522G	50.33	54.00	-3.67	37.08	3	Horizontal	71	2.55	-	39.38	8.59	34.72
PK	17.13402G	67.07	68.20	-1.13	51.25	3	Horizontal	135	1.60	-	41.07	9.50	34.75

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

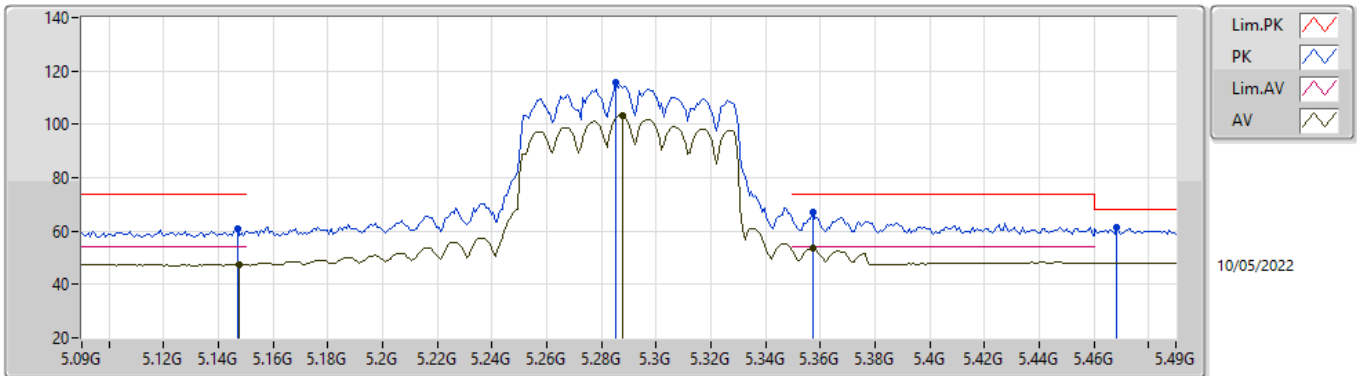


EUT_X_2TX
Setting 21
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	60.71	74.00	-13.29	55.92	3	Vertical	310	2.26	-	32.92	5.04	33.17
AV	5.102G	47.47	54.00	-6.53	42.54	3	Vertical	310	2.26	-	33.09	5.00	33.16
PK	5.2916G	113.23	Inf	-Inf	108.22	3	Vertical	310	2.26	-	33.08	5.10	33.17
AV	5.2916G	101.24	Inf	-Inf	96.23	3	Vertical	310	2.26	-	33.08	5.10	33.17
PK	5.3548G	64.84	74.00	-9.16	59.78	3	Vertical	310	2.26	-	33.13	5.10	33.17
AV	5.3524G	52.20	54.00	-1.80	47.16	3	Vertical	310	2.26	-	33.11	5.10	33.17
PK	5.4684G	60.68	68.20	-7.52	54.85	3	Vertical	310	2.26	-	33.84	5.17	33.18

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

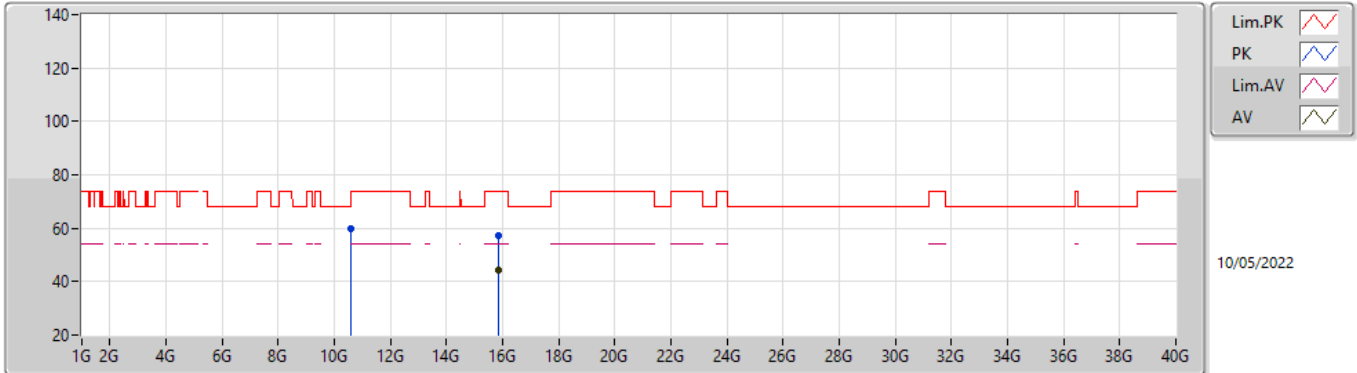


EUT_X_2TX
Setting 21
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	60.72	74.00	-13.28	55.93	3	Horizontal	270	1.00	-	32.91	5.05	33.17
AV	5.1476G	47.56	54.00	-6.44	42.77	3	Horizontal	270	1.00	-	32.91	5.05	33.17
PK	5.2852G	115.58	Inf	-Inf	110.58	3	Horizontal	270	1.00	-	33.07	5.10	33.17
AV	5.2876G	103.37	Inf	-Inf	98.36	3	Horizontal	270	1.00	-	33.08	5.10	33.17
PK	5.3572G	67.25	74.00	-6.75	62.18	3	Horizontal	270	1.00	-	33.14	5.10	33.17
AV	5.3572G	53.50	54.00	-0.50	48.43	3	Horizontal	270	1.00	-	33.14	5.10	33.17
PK	5.4684G	61.21	68.20	-6.99	55.38	3	Horizontal	270	1.00	-	33.84	5.17	33.18

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

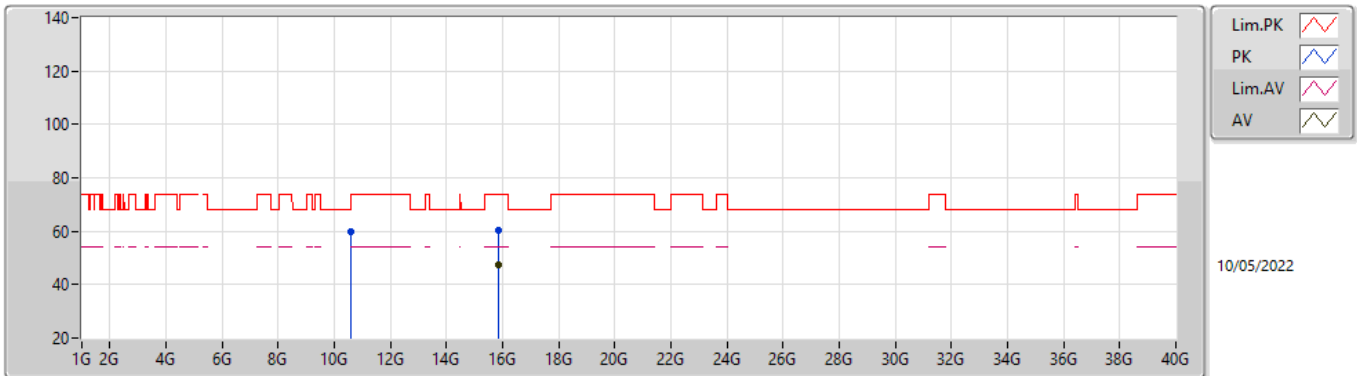


EUT X_2TX
Setting 21
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5845G	59.80	68.20	-8.40	46.78	3	Vertical	95	2.69	-	39.20	8.01	34.19
PK	15.8683G	57.34	74.00	-16.66	44.58	3	Vertical	293	1.77	-	38.84	9.07	35.15
AV	15.87446G	44.21	54.00	-9.79	31.44	3	Vertical	293	1.77	-	38.85	9.07	35.15

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz_TnomVnom

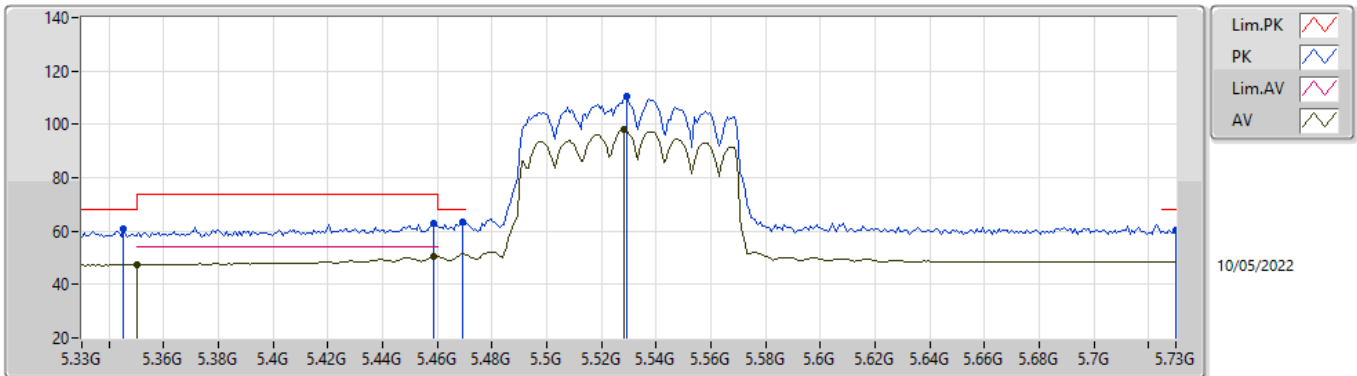


EUT X_2TX
Setting 21
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.58336G	59.97	68.20	-8.23	46.95	3	Horizontal	313	2.42	-	39.20	8.01	34.19
PK	15.87094G	60.22	74.00	-13.78	47.46	3	Horizontal	304	1.67	-	38.84	9.07	35.15
AV	15.87472G	47.29	54.00	-6.71	34.52	3	Horizontal	304	1.67	-	38.85	9.07	35.15

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

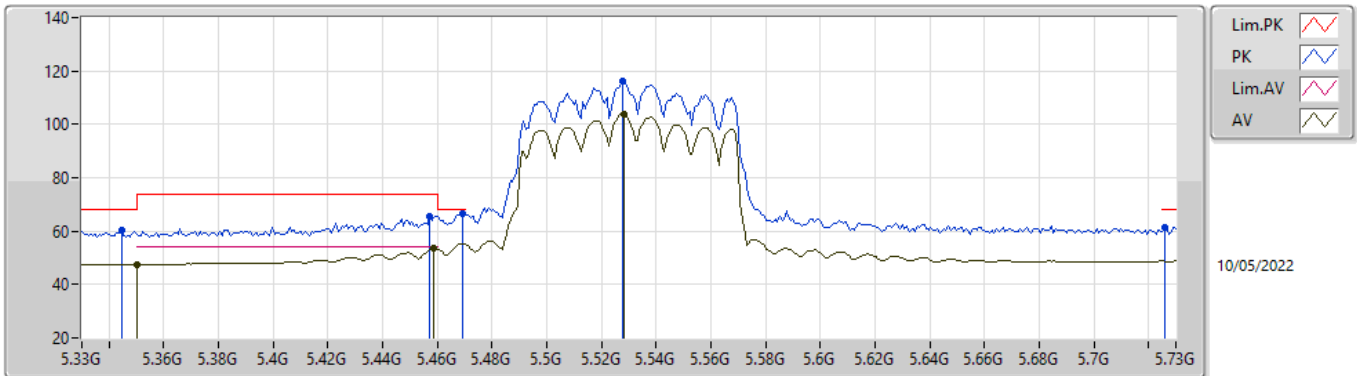


EUT_X_2TX
Setting 20.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3452G	60.96	68.20	-7.24	55.93	3	Vertical	220.4	2.23	-	33.10	5.10	33.17
AV	5.35G	47.23	54.00	-6.77	42.20	3	Vertical	220.4	2.23	-	33.10	5.10	33.17
PK	5.4588G	62.88	74.00	-11.12	57.08	3	Vertical	220.4	2.23	-	33.82	5.16	33.18
AV	5.4588G	50.55	54.00	-3.45	44.75	3	Vertical	220.4	2.23	-	33.82	5.16	33.18
PK	5.4692G	63.35	68.20	-4.85	57.52	3	Vertical	220.4	2.23	-	33.84	5.17	33.18
PK	5.5292G	110.49	Inf	-Inf	104.43	3	Vertical	220.4	2.23	-	34.02	5.23	33.19
AV	5.5284G	98.26	Inf	-Inf	92.21	3	Vertical	220.4	2.23	-	34.01	5.23	33.19
PK	5.73G	60.35	68.20	-7.85	54.00	3	Vertical	220.4	2.23	-	34.32	5.30	33.27

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

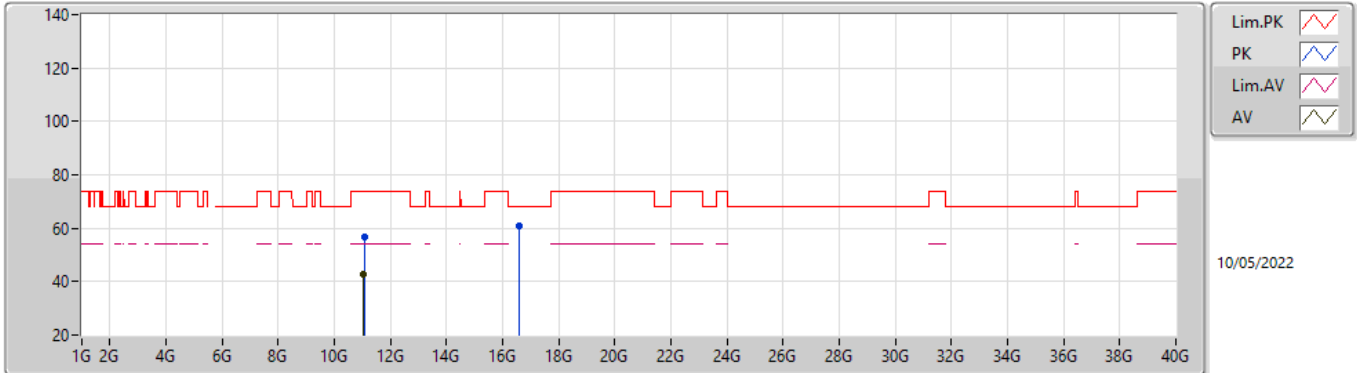


EUT_X_2TX
Setting 20.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3444G	60.46	68.20	-7.74	55.43	3	Horizontal	264	2.73	-	33.10	5.10	33.17
AV	5.35G	47.33	54.00	-6.67	42.30	3	Horizontal	264	2.73	-	33.10	5.10	33.17
PK	5.4572G	65.74	74.00	-8.26	59.95	3	Horizontal	264	2.73	-	33.81	5.16	33.18
AV	5.4588G	53.47	54.00	-0.53	47.67	3	Horizontal	264	2.73	-	33.82	5.16	33.18
PK	5.4692G	66.46	68.20	-1.74	60.63	3	Horizontal	264	2.73	-	33.84	5.17	33.18
PK	5.5276G	116.40	Inf	-Inf	110.35	3	Horizontal	264	2.73	-	34.01	5.23	33.19
AV	5.5284G	103.93	Inf	-Inf	97.88	3	Horizontal	264	2.73	-	34.01	5.23	33.19
PK	5.726G	61.19	68.20	-7.01	54.86	3	Horizontal	264	2.73	-	34.30	5.30	33.27

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom



EUT_X_2TX
Setting 20.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.05764G	56.50	74.00	-17.50	43.32	3	Vertical	233	2.06	-	39.38	8.34	34.54
AV	11.05668G	42.59	54.00	-11.41	29.40	3	Vertical	233	2.06	-	39.39	8.34	34.54
PK	16.58572G	61.04	68.20	-7.16	46.80	3	Vertical	178	2.07	-	39.97	9.31	35.04

802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TnomVnom

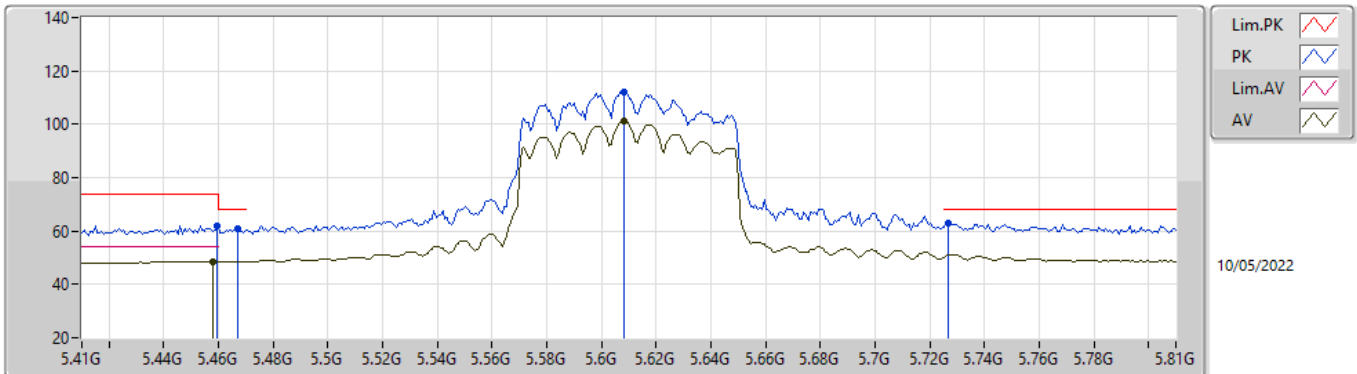


EUT_X_2TX
Setting 20.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.05552G	56.49	74.00	-17.51	43.30	3	Horizontal	172	1.51	-	39.39	8.34	34.54
AV	11.05714G	42.48	54.00	-11.52	29.29	3	Horizontal	172	1.51	-	39.39	8.34	34.54
PK	16.58866G	60.74	68.20	-7.46	46.49	3	Horizontal	293	2.12	-	39.98	9.31	35.04

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

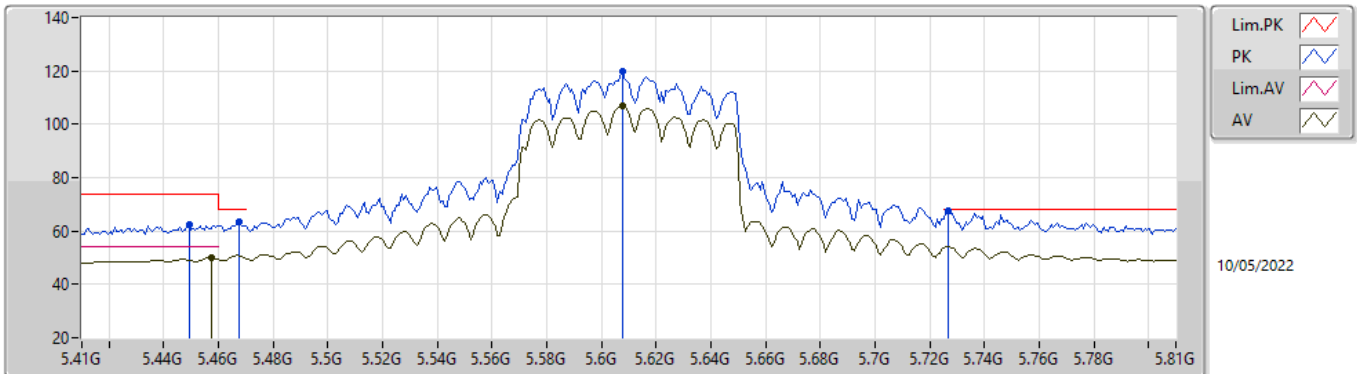


EUT X_2TX
Setting 23.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4596G	61.94	74.00	-12.06	56.14	3	Vertical	189.5	2.97	-	33.82	5.16	33.18
AV	5.458G	48.53	54.00	-5.47	42.73	3	Vertical	189.5	2.97	-	33.82	5.16	33.18
PK	5.4668G	60.94	68.20	-7.26	55.12	3	Vertical	189.5	2.97	-	33.83	5.17	33.18
PK	5.6084G	112.26	Inf	-Inf	106.13	3	Vertical	189.5	2.97	-	34.05	5.30	33.22
AV	5.6084G	101.29	Inf	-Inf	95.16	3	Vertical	189.5	2.97	-	34.05	5.30	33.22
PK	5.7268G	62.80	68.20	-5.40	56.46	3	Vertical	189.5	2.97	-	34.31	5.30	33.27

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

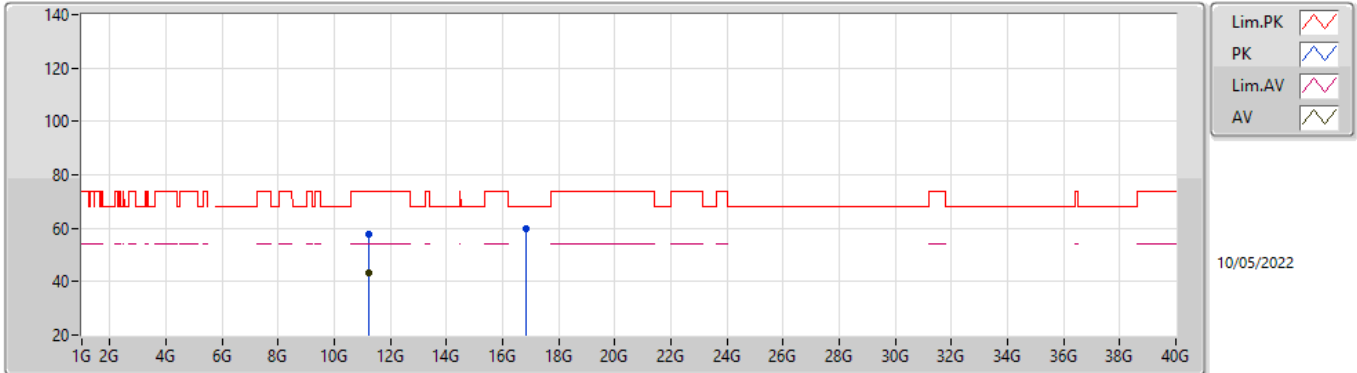


EUT_X_2TX
Setting 23.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4492G	62.38	74.00	-11.62	56.62	3	Horizontal	269	2.81	-	33.79	5.15	33.18
AV	5.4572G	50.00	54.00	-4.00	44.21	3	Horizontal	269	2.81	-	33.81	5.16	33.18
PK	5.4676G	63.31	68.20	-4.89	57.48	3	Horizontal	269	2.81	-	33.84	5.17	33.18
PK	5.6076G	119.73	Inf	-Inf	113.60	3	Horizontal	269	2.81	-	34.05	5.30	33.22
AV	5.6076G	107.10	Inf	-Inf	100.97	3	Horizontal	269	2.81	-	34.05	5.30	33.22
PK	5.7268G	67.49	68.20	-0.71	61.15	3	Horizontal	269	2.81	-	34.31	5.30	33.27

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

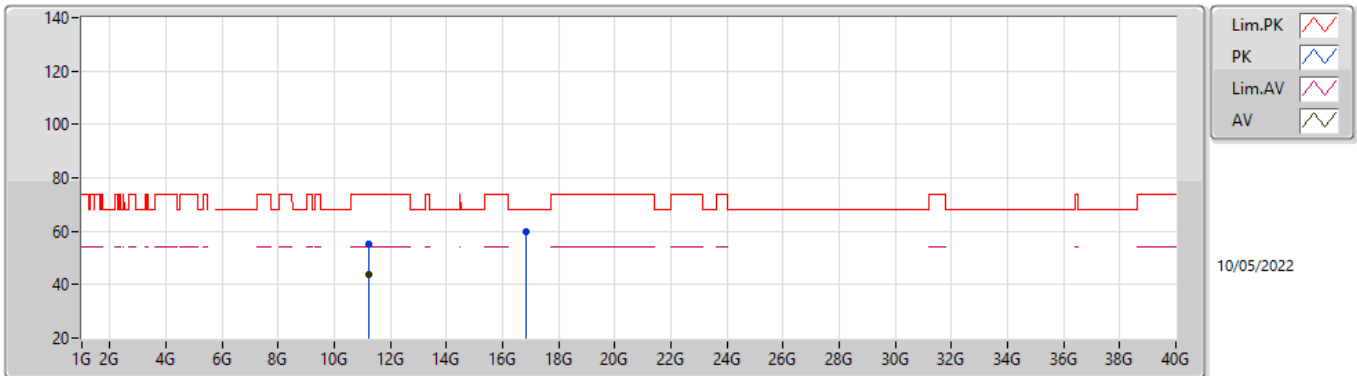


EUT_X_2TX
Setting 23.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.21612G	57.68	74.00	-16.32	44.53	3	Vertical	320	1.50	-	39.32	8.45	34.62
AV	11.21548G	43.09	54.00	-10.91	29.94	3	Vertical	320	1.50	-	39.32	8.45	34.62
PK	16.83024G	59.68	68.20	-8.52	45.00	3	Vertical	263	1.06	-	40.22	9.39	34.93

802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TnomVnom

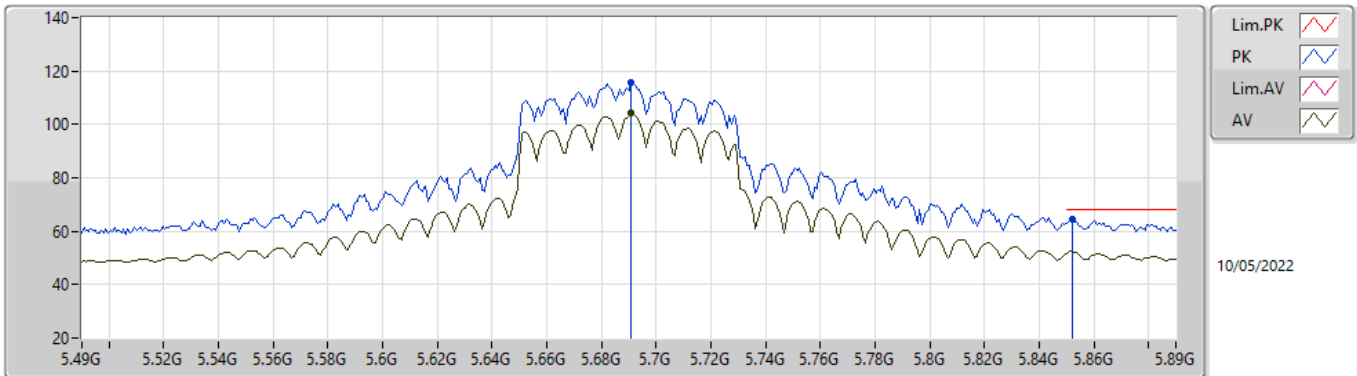


EUT_X_2TX
Setting 23.5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.21576G	55.05	74.00	-18.95	41.90	3	Horizontal	251	1.28	-	39.32	8.45	34.62
AV	11.2193G	43.72	54.00	-10.28	30.57	3	Horizontal	251	1.28	-	39.32	8.45	34.62
PK	16.83112G	59.74	68.20	-8.46	45.06	3	Horizontal	356	1.60	-	40.22	9.39	34.93

802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

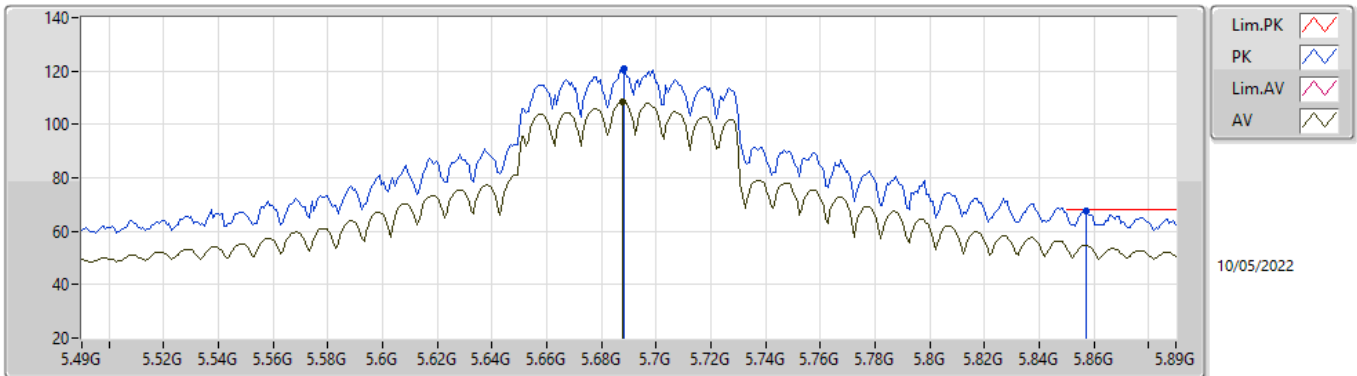


EUT_X_2TX
Setting 25.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6908G	115.78	Inf	-Inf	109.52	3	Vertical	312.8	2.45	-	34.22	5.30	33.26
AV	5.6908G	104.06	Inf	-Inf	97.80	3	Vertical	312.8	2.45	-	34.22	5.30	33.26
PK	5.8524G	64.55	68.20	-3.65	57.74	3	Vertical	312.8	2.45	-	34.80	5.33	33.32

802.11ax HEW80_Nss1,(MCS0)_2TX

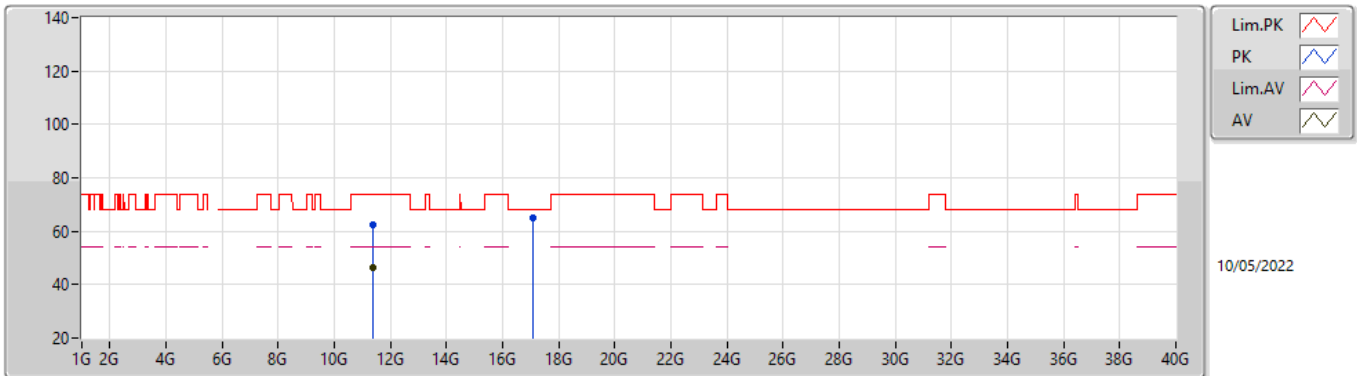
5690MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
Setting 25.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6884G	120.82	Inf	-Inf	114.56	3	Horizontal	280.5	2.70	-	34.22	5.30	33.26
AV	5.6876G	108.56	Inf	-Inf	102.30	3	Horizontal	280.5	2.70	-	34.22	5.30	33.26
PK	5.8572G	67.38	68.20	-0.82	60.56	3	Horizontal	280.5	2.70	-	34.81	5.33	33.32

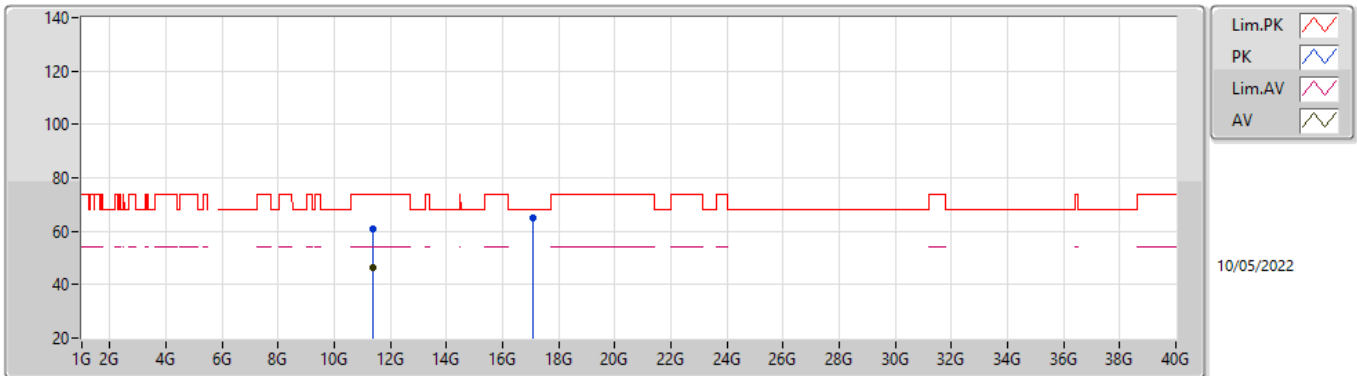
802.11ax HEW80_Nss1,(MCS0)_2TX
5690MHz Straddle 5.47-5.725GHz_TnomVnom



EUT_X_2TX
 Setting 25.5
 04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.38178G	62.35	74.00	-11.65	49.08	3	Vertical	273	2.48	-	39.40	8.57	34.70
AV	11.3827G	46.57	54.00	-7.43	33.30	3	Vertical	273	2.48	-	39.40	8.57	34.70
PK	17.07334G	64.95	68.20	-3.25	49.38	3	Vertical	279	1.16	-	40.89	9.48	34.80

802.11ax HEW80_Nss1,(MCS0)_2TX
5690MHz Straddle 5.47-5.725GHz_TnomVnom

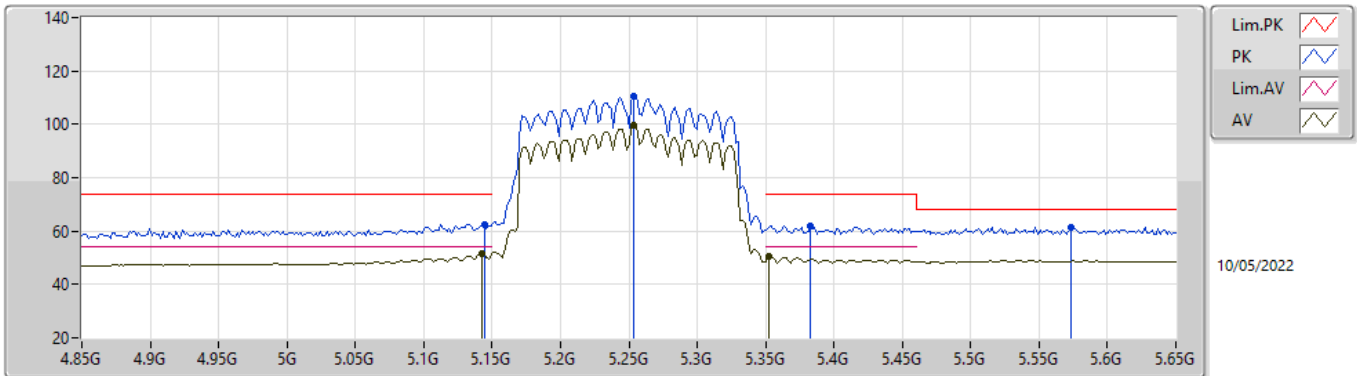


EUT X_2TX
 Setting 25.5
 04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.38G	60.92	74.00	-13.08	47.65	3	Horizontal	259	2.36	-	39.40	8.57	34.70
AV	11.38378G	46.57	54.00	-7.43	33.30	3	Horizontal	259	2.36	-	39.40	8.57	34.70
PK	17.06896G	64.89	68.20	-3.31	49.34	3	Horizontal	318	1.04	-	40.88	9.47	34.80

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

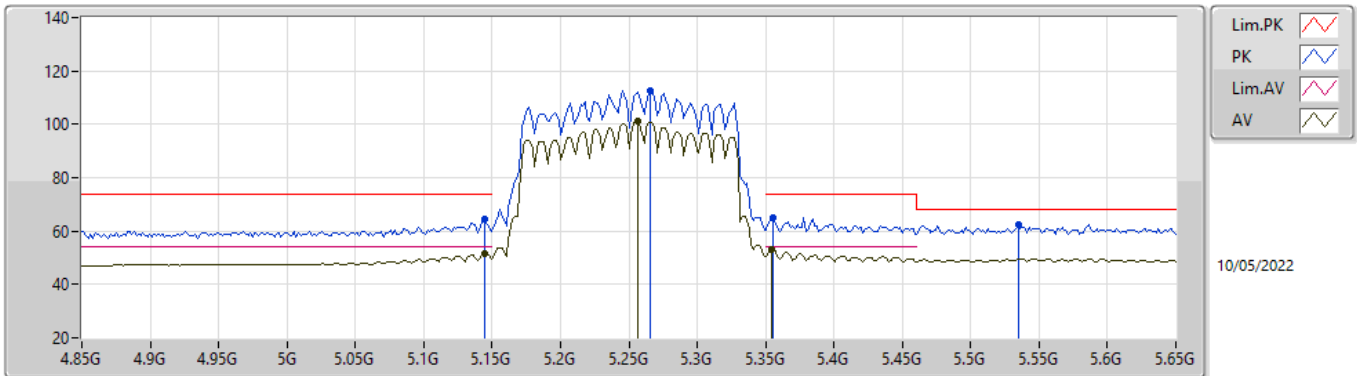


EUT X_2TX
Setting 20.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	62.63	74.00	-11.37	57.84	3	Vertical	306	2.06	-	32.92	5.04	33.17
AV	5.1428G	51.59	54.00	-2.41	46.79	3	Vertical	306	2.06	-	32.93	5.04	33.17
PK	5.2532G	110.68	Inf	-Inf	105.74	3	Vertical	306	2.06	-	33.01	5.10	33.17
AV	5.2532G	99.45	Inf	-Inf	94.51	3	Vertical	306	2.06	-	33.01	5.10	33.17
PK	5.3828G	62.12	74.00	-11.88	56.90	3	Vertical	306	2.06	-	33.30	5.10	33.18
AV	5.3524G	50.46	54.00	-3.54	45.42	3	Vertical	306	2.06	-	33.11	5.10	33.17
PK	5.5732G	61.20	68.20	-7.00	55.09	3	Vertical	306	2.06	-	34.05	5.27	33.21

802.11ax HEW160_Nss1,(MCS0)_2TX

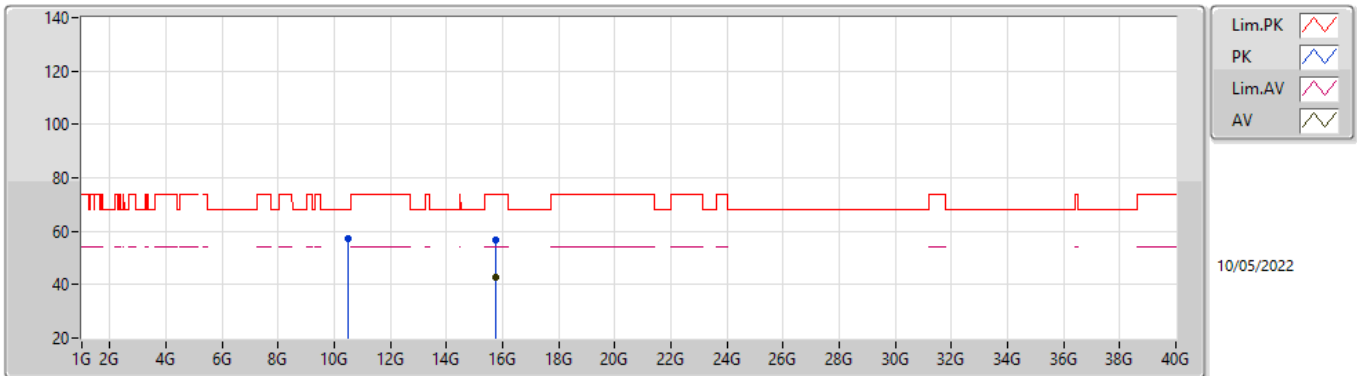
5250MHz Straddle 5.25-5.35GHz_TnomVnom



EUT_X_2TX
Setting 20.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	64.61	74.00	-9.39	59.82	3	Horizontal	269	3.00	-	32.92	5.04	33.17
AV	5.1444G	51.67	54.00	-2.33	46.88	3	Horizontal	269	3.00	-	32.92	5.04	33.17
PK	5.266G	112.78	Inf	-Inf	107.82	3	Horizontal	269	3.00	-	33.03	5.10	33.17
AV	5.2564G	101.24	Inf	-Inf	96.30	3	Horizontal	269	3.00	-	33.01	5.10	33.17
PK	5.3556G	65.17	74.00	-8.83	60.11	3	Horizontal	269	3.00	-	33.13	5.10	33.17
AV	5.354G	53.14	54.00	-0.86	48.09	3	Horizontal	269	3.00	-	33.12	5.10	33.17
PK	5.5348G	62.28	68.20	-5.92	56.20	3	Horizontal	269	3.00	-	34.04	5.23	33.19

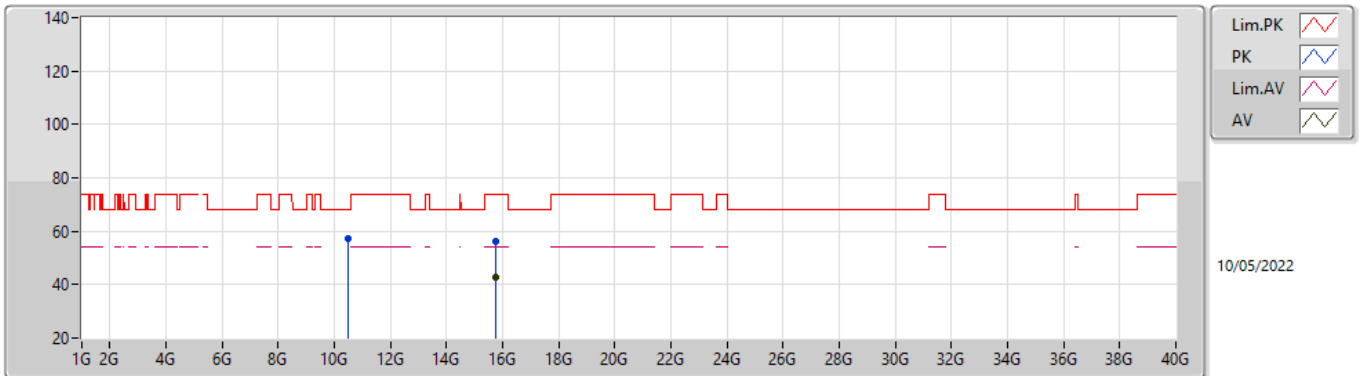
802.11ax HEW160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.25-5.35GHz_TnomVnom



EUT_X_2TX
 Setting 20.5
 04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.49832G	57.20	68.20	-11.00	44.17	3	Vertical	298	2.80	-	39.20	7.95	34.12
PK	15.74884G	56.48	74.00	-17.52	44.08	3	Vertical	314	2.64	-	38.50	9.04	35.14
AV	15.75364G	42.66	54.00	-11.34	30.26	3	Vertical	314	2.64	-	38.51	9.04	35.15

802.11ax HEW160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.25-5.35GHz_TnomVnom

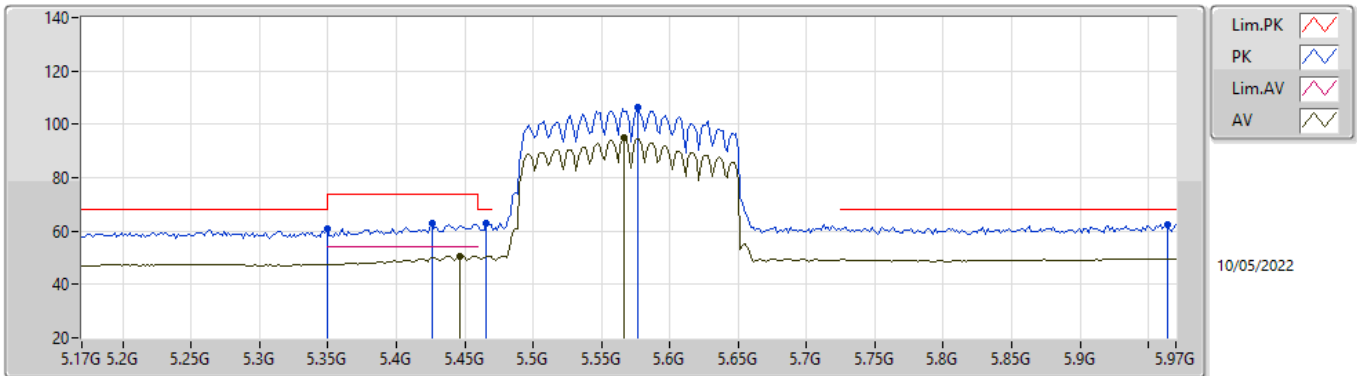


EUT_X_2TX
 Setting 20.5
 04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.49522G	57.08	68.20	-11.12	44.06	3	Horizontal	299	1.88	-	39.19	7.95	34.12
PK	15.74926G	56.40	74.00	-17.60	44.00	3	Horizontal	152	1.81	-	38.50	9.04	35.14
AV	15.75076G	42.74	54.00	-11.26	30.35	3	Horizontal	152	1.81	-	38.50	9.04	35.15

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom

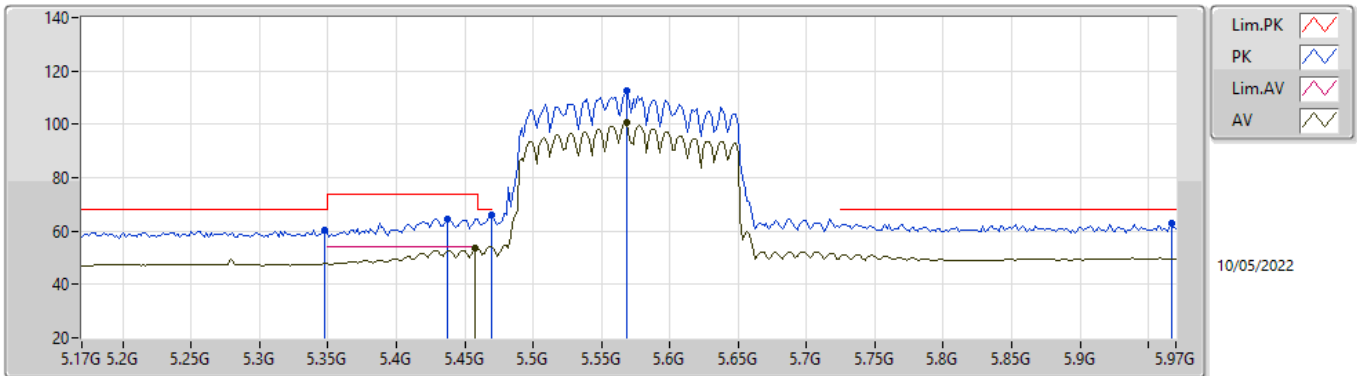


EUT X_2TX
Setting 19.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3492G	60.79	68.20	-7.41	55.76	3	Vertical	210	2.27	-	33.10	5.10	33.17
PK	5.426G	62.70	74.00	-11.30	57.14	3	Vertical	210	2.27	-	33.61	5.13	33.18
PK	5.466G	62.86	68.20	-5.34	57.04	3	Vertical	210	2.27	-	33.83	5.17	33.18
AV	5.4468G	50.75	54.00	-3.25	45.01	3	Vertical	210	2.27	-	33.77	5.15	33.18
PK	5.5764G	106.43	Inf	-Inf	100.31	3	Vertical	210	2.27	-	34.05	5.28	33.21
AV	5.5668G	94.85	Inf	-Inf	88.72	3	Vertical	210	2.27	-	34.07	5.27	33.21
PK	5.9636G	62.67	68.20	-5.53	55.41	3	Vertical	210	2.27	-	35.25	5.38	33.37

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom

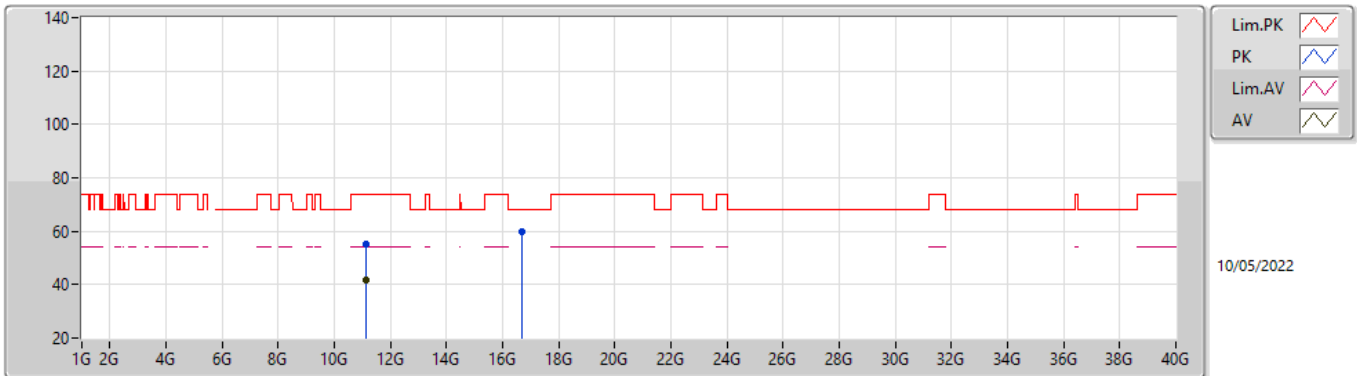


EUT_X_2TX
Setting 19.5
04-D-S-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3476G	60.13	68.20	-8.07	55.10	3	Horizontal	274	2.72	-	33.10	5.10	33.17
PK	5.4372G	64.71	74.00	-9.29	59.05	3	Horizontal	274	2.72	-	33.70	5.14	33.18
PK	5.4692G	65.78	68.20	-2.42	59.95	3	Horizontal	274	2.72	-	33.84	5.17	33.18
AV	5.458G	53.44	54.00	-0.56	47.64	3	Horizontal	274	2.72	-	33.82	5.16	33.18
PK	5.5684G	112.80	Inf	-Inf	106.68	3	Horizontal	274	2.72	-	34.06	5.27	33.21
AV	5.5684G	100.57	Inf	-Inf	94.45	3	Horizontal	274	2.72	-	34.06	5.27	33.21
PK	5.9668G	62.80	68.20	-5.40	55.52	3	Horizontal	274	2.72	-	35.27	5.38	33.37

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom

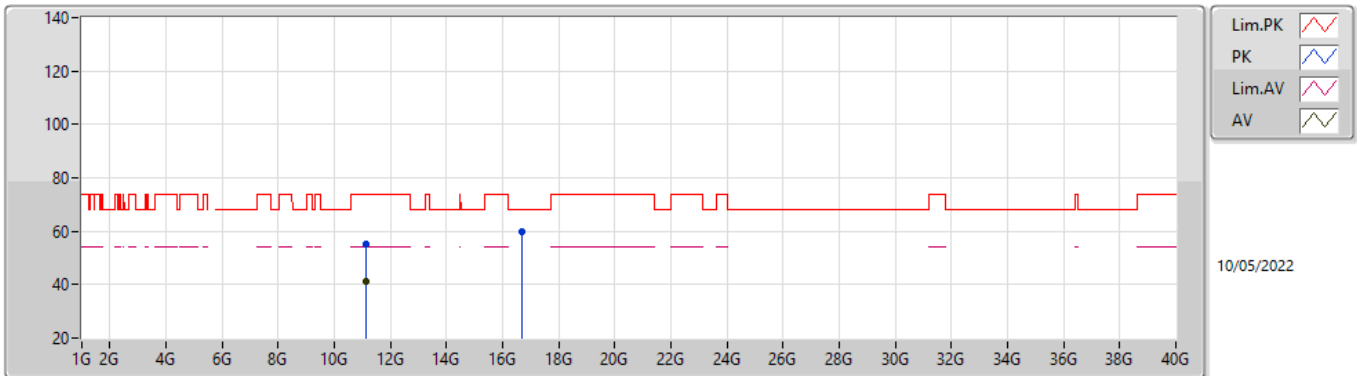


EUT X_2TX
Setting 19,5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.13684G	55.27	74.00	-18.73	42.15	3	Vertical	343	2.04	-	39.30	8.40	34.58
AV	11.13528G	41.55	54.00	-12.45	28.44	3	Vertical	343	2.04	-	39.30	8.39	34.58
PK	16.71004G	59.97	68.20	-8.23	45.59	3	Vertical	213	2.78	-	40.01	9.35	34.98

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_TnomVnom



EUT_X_2TX
Setting 19,5
04-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.13666G	55.38	74.00	-18.62	42.26	3	Horizontal	134	1.24	-	39.30	8.40	34.58
AV	11.13826G	41.41	54.00	-12.59	28.29	3	Horizontal	134	1.24	-	39.30	8.40	34.58
PK	16.71116G	59.75	68.20	-8.45	45.37	3	Horizontal	209	2.83	-	40.01	9.35	34.98