



# RADIO TEST REPORT

FCC ID : YZKEAP102  
Equipment : Dual-Band Wi-Fi 6 Indoor Access Point  
Brand Name : Edgecore  
Model Name : EAP102  
Applicant : Edgecore Networks Corporation  
No. 1, Creation Rd. III, Science Park Hsinchu  
30077, Taiwan  
Manufacturer (1) : Accton Technology Corporation  
No. 1, Creation Rd. III, Science Park Hsinchu  
30077, Taiwan  
Manufacturer (2) : Accton Technology Corporation Zhunan Factory  
1F.& 5F, No. 1, Keyi St., Zhunan Township, Miaoli  
County 350 - TAIWAN  
Standard : 47 CFR FCC Part 15.407

The product was received on Sep. 02, 2021, and testing was started from Sep. 13, 2021 and completed on Aug. 22, 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.)



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### History of this test report

Report No.	Version	Description	Issued Date
FR0N2725-08AC	01	Initial issue of report	Nov. 09, 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	-
Reference to Sporton Project No.: 0N2725-06				

Declaration of Conformity:
<p>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.</p> <p>2. The measurement uncertainty please refer to report "Measurement Uncertainty".</p>
Comments and Explanations:
<p>1.The test configuration, test mode and test software were written in this test report are declared by the manufacturer.</p> <p>2.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.</p>

**Reviewed by: Sam Chen**

**Report Producer: Penny Kao**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

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



<b>Band</b>	<b>Mode</b>	<b>BWch (MHz)</b>	<b>Nant</b>
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX

Note:

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



**1.1.2 Antenna Information**

Set.	Ant.	2.4G Port	5G Port	Bluetooth Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1	1	1	-	MAG. LAYERS	MSA-1313-25 GC4-A2-TN	PIFA Antenna	I-PEX	Note 1
	2	2	2	-			PIFA Antenna	I-PEX	
	3	3	3	-			PIFA Antenna	I-PEX	
	4	4	4	1			PIFA Antenna	I-PEX	

Note 1:

Set.	Ant.	Gain (dBi)		
		2.4GHz	5GHz	Bluetooth
1	1	5.43	7.54	-
	2	5.36	6.92	-
	3	5.24	6.80	-
	4	5.19	6.76	5.19

Note 2: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

$NSS1(g1,1) = 10^{G1/20}$  ;  $NSS1(g1,2) = 10^{G2/20}$  ;  $NSS1(g1,3) = 10^{G3/20}$  ;  $NSS1(g1,4) = 10^{G4/20}$

$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$

$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] => 10$

$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

5G  $G1 = 7.54$  dBi;  $G2 = 6.92$  dBi;  $G3 = 6.80$  dBi;  $G4 = 6.76$  dBi;  $DG = 13.03$  dBi

Note 3: The above information was declared by manufacturer.

Note 4: The EUT has one set of antenna.

**For 2.4GHz function:**

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

The EUT supports all antennas with TX/RX diversity functions.

At once time there are only two antenna port can transmitting/receiving RF signal.

Port 1 and Port 2 generated the worst case than Port 3 and Port 4, so it is tested and recorded in the report.



**For 5GHz function:**

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

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

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

**For Bluetooth function:**

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.939	0.27	1.978m	1k
802.11ax HEW20	0.958	0.19	5.448m	300
802.11ax HEW20-BF	0.958	0.19	5.448m	300
802.11ax HEW40	0.91	0.41	5.448m	300
802.11ax HEW40-BF	0.91	0.41	5.448m	300
802.11ax HEW80	0.946	0.24	5.448m	300
802.11ax HEW80-BF	0.946	0.24	5.448m	300

Note:

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

**1.1.4 EUT Operational Condition**

<b>EUT Power Type</b>	From Power Adapter or PoE			
<b>Beamforming Function</b>	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
<b>Weather Band</b>	<input checked="" type="checkbox"/>	With 5600~5650MHz	<input type="checkbox"/>	Without 5600~5650MHz
<b>Function</b>	<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
<b>TPC Function</b>	<input checked="" type="checkbox"/>	With TPC	<input type="checkbox"/>	Without TPC
<b>Channel Puncturing Function</b>	<input type="checkbox"/>	Supported	<input checked="" type="checkbox"/>	Unsupported
<b>Support RU</b>	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
<b>Test Software Version</b>	QRCT Version:4.0.00134.0			

Note: The above information was declared by manufacturer.





### 1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR0N2725AB

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

<b>Modifications</b>	<b>Performance Checking</b>
1. Adding UNII 2A and UNII 2C (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth. 2. Maximum Conducted Output Power. 3. Peak Power Spectral Density. 4. Unwanted Emissions Above 1GHz.
2. Adding two thermal pad in PCB backplane. 3. Changing transformer from "LK24126SN 2022x" to "LK24147SN 2106".	Unwanted Emissions Below 1GHz.
4. Changing the distance of Maximum Permissible Exposure to "48cm" from "24cm".	After evaluating, it doesn't affect the test result of this test report.



### 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
- ◆ FCC KDB 414788 D01 v01r01

### 1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	23.5-23.9 / 52-56	Aug. 22, 2022
Radiated Below 1GHz	03CH03-CB	Ken Yeh	24.6-25.7 / 55-58	Sep. 13, 2021
Radiated Above 1GHz	03CH02-CB	Gordon Hong	24.4-25.5 / 55-58	Aug. 18, 2022~ Aug. 19, 2022
	03CH06-CB		23.8-24.9 / 55-58	

Note: The tested sample of the RF Conducted and Radiated Above 1GHz test item was received on Aug. 17, 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))

### Test Date: Before Jun. 01, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%

### Test Date: After May 31, 2022

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	13
5300MHz	12.5
5320MHz	12.5
5500MHz	12
5580MHz	12
5700MHz	12
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	13
5300MHz	13
5320MHz	13.5
5500MHz	12.5
5580MHz	12.5
5700MHz	13
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	16
5310MHz	16
5510MHz	15
5550MHz	15.5
5670MHz	14
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	18.5
5530MHz	18
5610MHz	18.5
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	13
5300MHz	13
5320MHz	13.5
5500MHz	12.5
5580MHz	12.5
5700MHz	13
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	14.5
5310MHz	13.5
5510MHz	13
5550MHz	13



Mode	Power Setting
5670MHz	13
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	13.5
5530MHz	13
5610MHz	12.5

**Note:**

- ◆ Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- ◆ The EUT supports 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	
<b>Tests Item</b>	Emission Bandwidth Maximum Output Power Power Spectral Density
<b>Test Condition</b>	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Unwanted Emissions
<b>Test Condition</b>	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.
<b>Operating Mode &lt; 1GHz</b>	Normal Link
	1. After evaluating, the worst case was found at Z axis. So the measurement will follow this same test configuration. 2. The EUT has two power supplies, one is PoE and the other is adapter. The PoE has been evaluated to be the worst case and recorded in the test report.
1	EUT in Z axis + PoE
<b>Operating Mode &gt; 1GHz</b>	CTX
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
<b>Operating Mode</b>	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA0N2725-08 for Co-location RF Exposure Evaluation.	

Note1: The console port is professional usage by manufacturer declaration, and it was performed the test at the load.

Note2: The USB port was performed the test at the load by manufacturer requirement.

Note3: The PoE is for measurement only, would not be marketed.

PoE information as below:

Power	Brand	Model
PoE	GME	GME40B-480135FDA



### 2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

### 2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	APD	WB-24J12R	Input: 100-240V~50-60Hz 0.7A Max. Output: 12.0V, 2.0A, 24.0W
Others			
Plug*1			
Console cable*1: Non-shielded, 1.5m			
Wall bracket*1			

### 2.5 Support Equipment

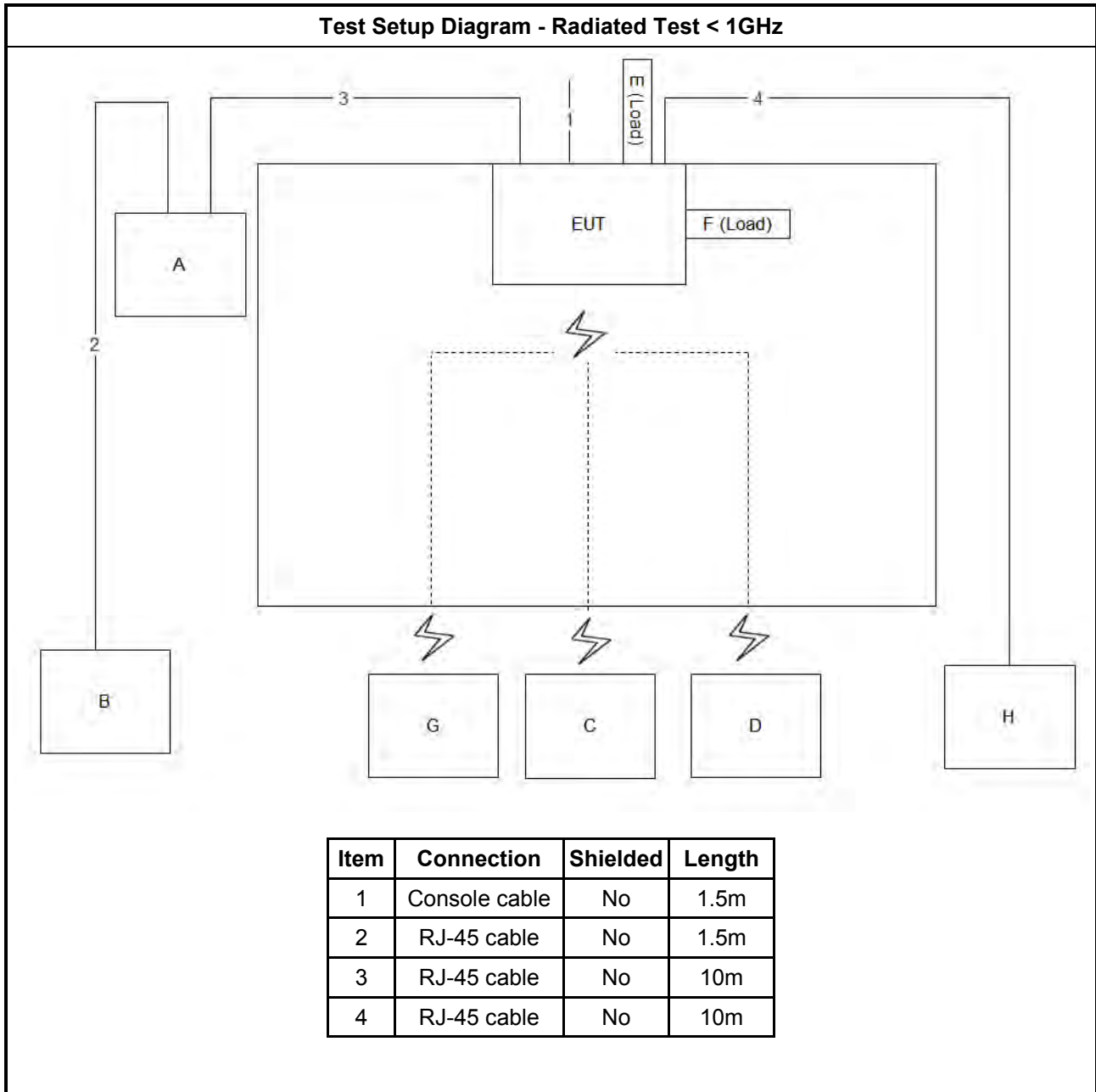
For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	GME	GME40B-480135FDA	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Notebook	DELL	E4300	N/A
E	Flash disk3.0	Silicon Power	B06	N/A
F	Flash disk3.0	Silicon Power	B06	N/A
G	Phone	SAMSUNG	Galaxy J2	N/A
H	Notebook	DELL	E4300	N/A

For RF Conducted and Radiated (above 1GHz):

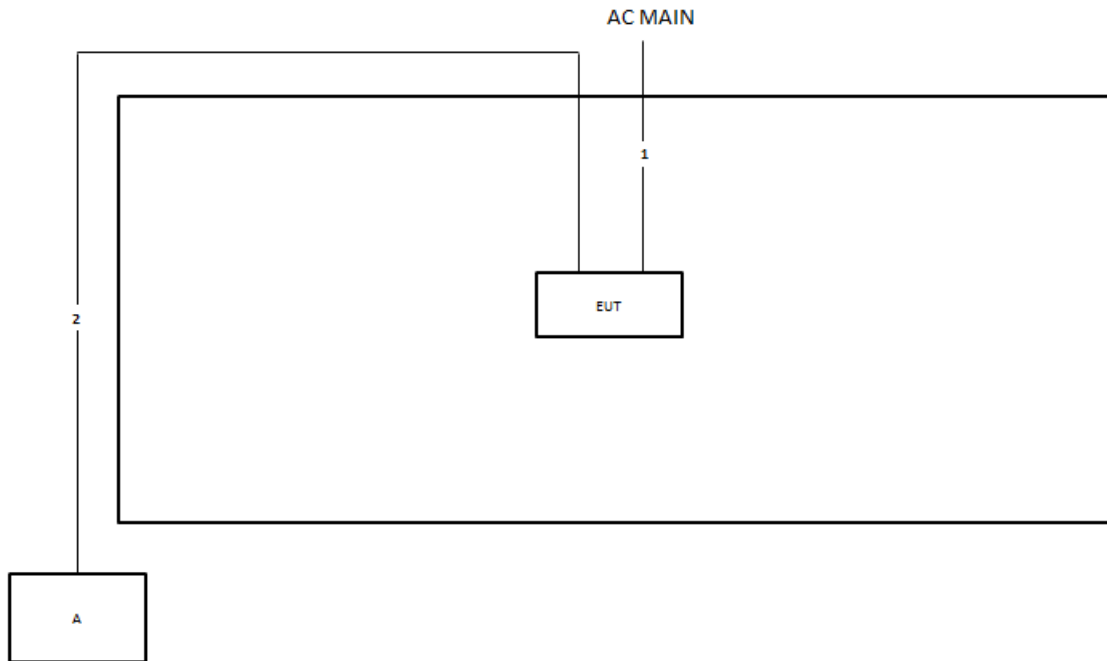
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

## 2.6 Test Setup Diagram





**Test Setup Diagram - Radiated Test > 1GHz**



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



### 3 Transmitter Test Result

#### 3.1 Emission Bandwidth

##### 3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
<b>UNII Devices</b>	
<input 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 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.
<b>LE-LAN Devices</b>	
<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.

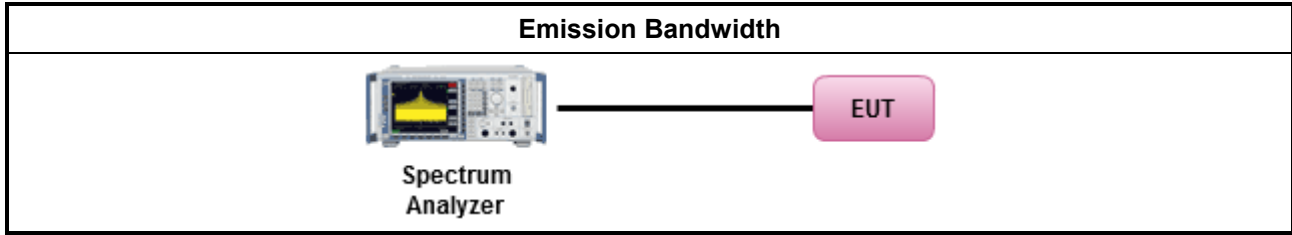
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
<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

<b>Maximum Output Power Limit</b>	
<b>UNII Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>
<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 type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
<b>Maximum EIRP Limit</b>	
<input type="checkbox"/> For the 5.85-5.895 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Indoor AP &amp; subordinate device &lt; 36 dBm</li> <li>▪ Client device &lt; 30 dBm</li> </ul>
<b>LE-LAN Devices</b>	
<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"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the</li> </ul>

lesser of 1 W.

$P_{Out}$  = maximum conducted output power in dBm,  
 $G_{TX}$  = the maximum transmitting antenna directional gain in dBi.

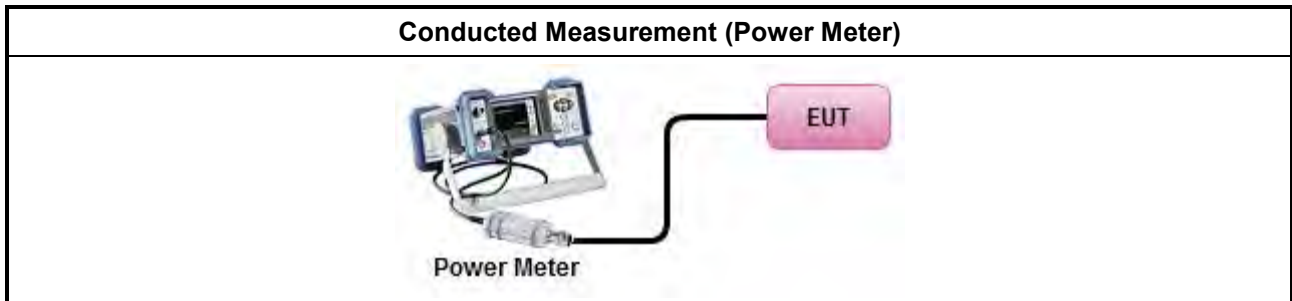
### 3.2.2 Measuring Instruments

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 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"> <li>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.</li> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>
<input type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> <li>Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> <li>Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.</li> </ul>

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Output Power

Refer as Appendix B



### 3.3 Power Spectral Density

#### 3.3.1 Limit

<b>Peak Power Spectral Density Limit</b>	
<b>UNII Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul>
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ 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) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<b>EIRP Power Spectral Density Limit</b>	
<input type="checkbox"/> For the 5.85-5.895 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Indoor AP &amp; subordinate device &lt; 20dBm/MHz</li> <li>▪ Client device &lt; 14dBm/MHz</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) $\leq 10$ dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz.	
	<ul style="list-style-type: none"> <li>▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where <math>\theta</math> is the angle above the local horizontal plane (of the Earth) as shown below:            -13 dBW/MHz for <math>0^\circ \leq \theta &lt; 8^\circ</math> ; -13 - 0.716 (<math>\theta-8</math>) dBW/MHz for <math>8^\circ \leq \theta &lt; 40^\circ</math>            -35.9 - 1.22 (<math>\theta-40</math>) dBW/MHz for <math>40^\circ \leq \theta \leq 45^\circ</math> ; -42 dBW/MHz for <math>\theta &gt; 45^\circ</math></li> </ul>
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<b>PPSD</b> = 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

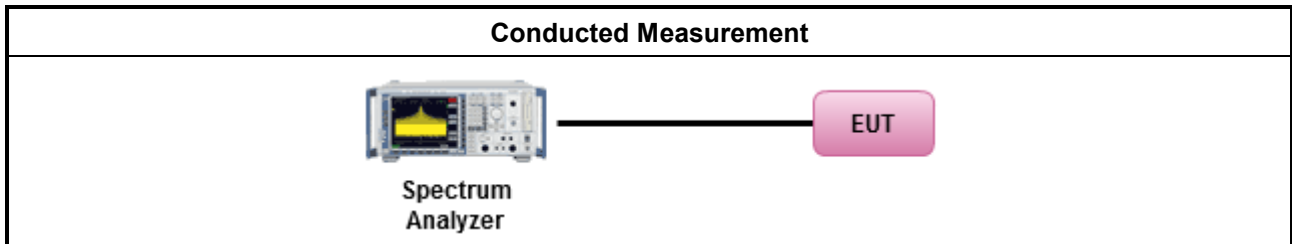
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> <li>▪ 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:</li> </ul>
<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"> <li>▪ If the EUT supports multiple transmit chains using options given below:</li> </ul>
<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"> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])</li> </ul>

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

### 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 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 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"> <li>▪ 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).</li> </ul>																
	<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].</li> </ul>																
	<ul style="list-style-type: none"> <li>▪ 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"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul> </td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.                   <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td> <input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).                 </td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).                 </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> 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></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.                 </td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.                 </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.                 </td> </tr> </table> </li> </ul> </td></tr></table></li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.                   <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td> <input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).                 </td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).                 </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> 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></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.                 </td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.                 </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.                 </td> </tr> </table> </li> </ul>		<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.
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	<input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).																
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	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.																
	<ul style="list-style-type: none"> <li>▪ 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"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul> </td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul> </td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul> </td> </tr> </table> </li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>										
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>																
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>																
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>																
	<ul style="list-style-type: none"> <li>▪ The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>																

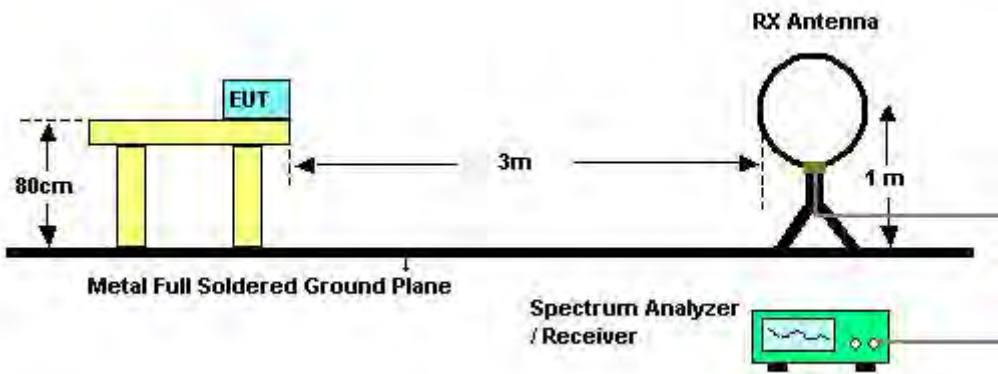
**Test Method**

- All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

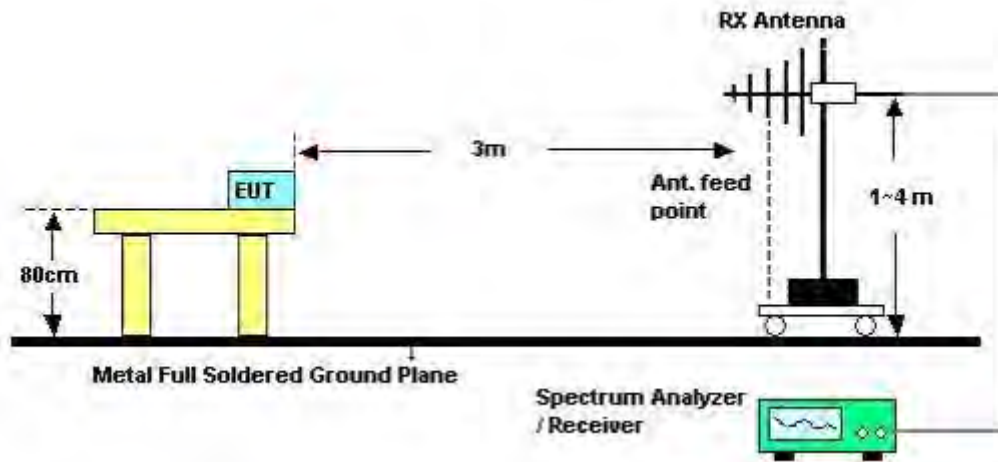
**3.4.4 Test Setup**

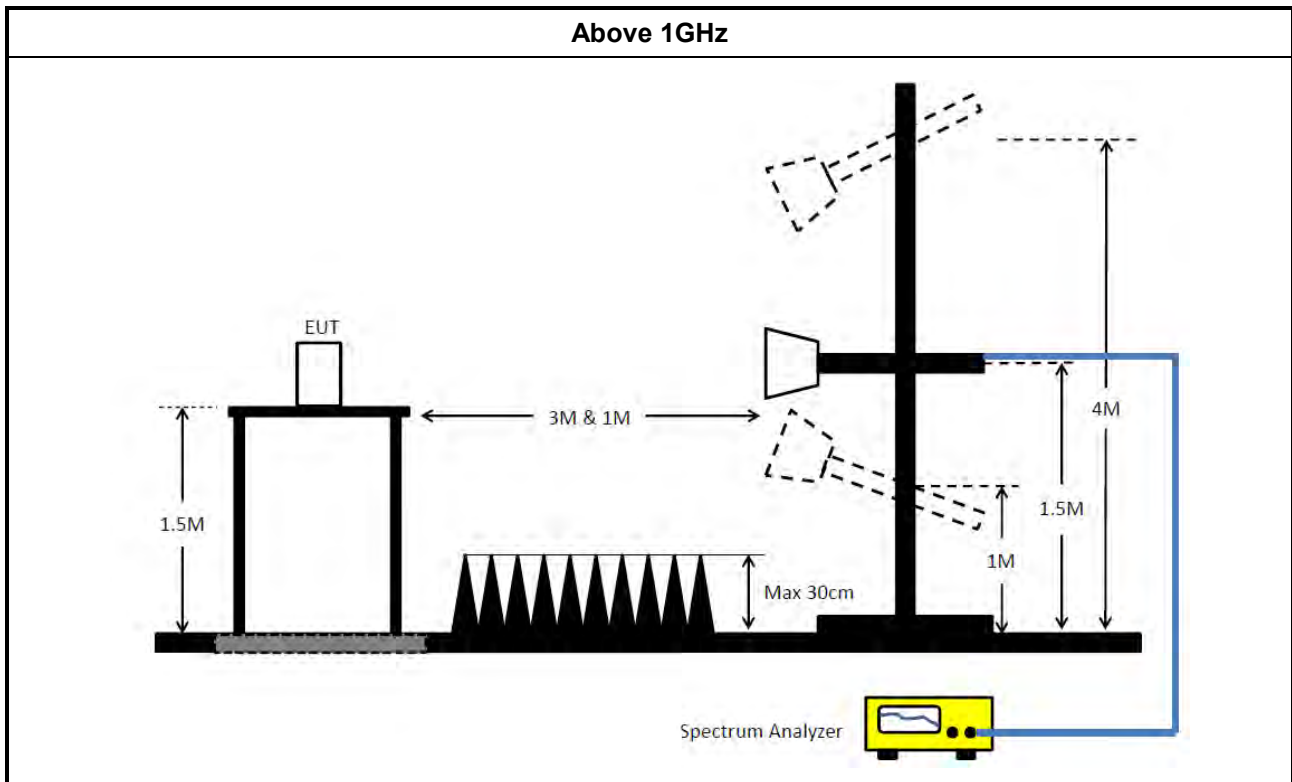
**Transmitter Radiated Unwanted Emissions**

**9kHz ~30MHz**



**30MHz~1GHz**





### 3.4.5 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.4.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

### 3.4.7 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
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Aug. 20, 2021	Aug. 19, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 09, 2022	Aug. 08, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 02, 2022	Aug 01, 2023	Radiation (03CH06-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	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)
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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.92M	16.582M	16M6D1D	18.69M	16.282M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.54M	18.981M	19M0D1D	20.79M	18.801M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.1M	38.021M	38M0D1D	40.2M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.361M	77M4D1D	81.84M	77.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.37M	16.822M	16M8D1D	18.39M	16.192M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.84M	19.19M	19M2D1D	20.76M	18.771M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.86M	38.141M	38M1D1D	40.14M	37.301M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.721M	77M7D1D	81.36M	76.402M

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



**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.92M	16.582M	19.2M	16.432M	18.69M	16.342M	19.47M	16.432M
5300MHz	Pass	Inf	18.84M	16.282M	19.26M	16.432M	19.17M	16.462M	19.29M	16.432M
5320MHz	Pass	Inf	19.05M	16.342M	19.17M	16.402M	19.17M	16.462M	19.26M	16.462M
5500MHz	Pass	Inf	20.37M	16.702M	19.44M	16.432M	19.35M	16.612M	18.87M	16.402M
5580MHz	Pass	Inf	19.2M	16.552M	20.01M	16.702M	18.39M	16.192M	18.75M	16.282M
5700MHz	Pass	Inf	20.07M	16.822M	19.92M	16.732M	19.77M	16.822M	19.02M	16.402M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21M	18.831M	21.21M	18.951M	21.36M	18.891M	20.85M	18.951M
5300MHz	Pass	Inf	20.94M	18.861M	21.21M	18.921M	21.12M	18.981M	21.12M	18.801M
5320MHz	Pass	Inf	21.21M	18.861M	20.91M	18.951M	21.54M	18.921M	20.79M	18.951M
5500MHz	Pass	Inf	20.79M	18.771M	21.48M	18.951M	21.33M	19.04M	20.97M	18.951M
5580MHz	Pass	Inf	21.09M	18.981M	21.09M	18.831M	21.36M	19.01M	20.82M	18.801M
5700MHz	Pass	Inf	21.72M	19.19M	21.84M	19.1M	20.76M	18.861M	21.27M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.68M	37.721M	41.1M	37.961M	40.8M	37.901M	40.2M	37.721M
5310MHz	Pass	Inf	40.62M	37.841M	40.92M	38.021M	40.92M	37.901M	40.62M	37.961M
5510MHz	Pass	Inf	40.38M	37.961M	40.62M	37.721M	40.44M	37.421M	40.14M	37.541M
5550MHz	Pass	Inf	40.32M	37.481M	40.8M	38.141M	40.2M	37.661M	40.86M	37.661M
5670MHz	Pass	Inf	40.2M	38.021M	40.32M	37.301M	40.2M	37.781M	40.62M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	77.361M	82.32M	77.361M	82.2M	77.361M	82.08M	77.361M
5530MHz	Pass	Inf	82.44M	77.241M	82.56M	77.481M	81.84M	77.001M	81.84M	77.001M
5610MHz	Pass	Inf	81.84M	76.402M	82.56M	77.721M	82.2M	77.601M	81.36M	76.522M

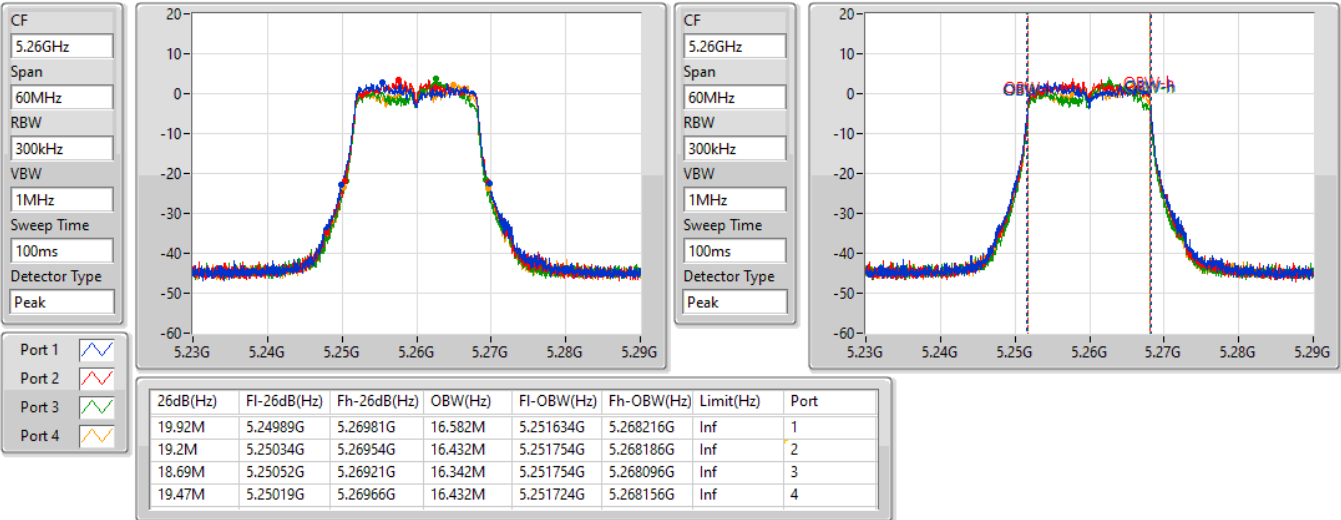
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5260MHz

22/08/2022

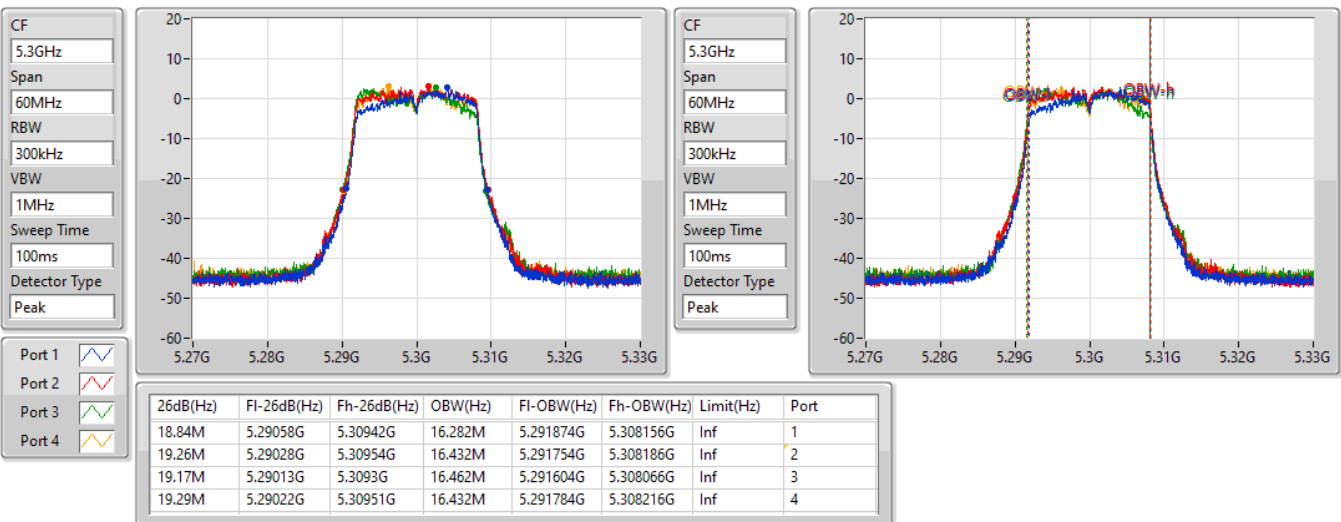


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5300MHz

22/08/2022



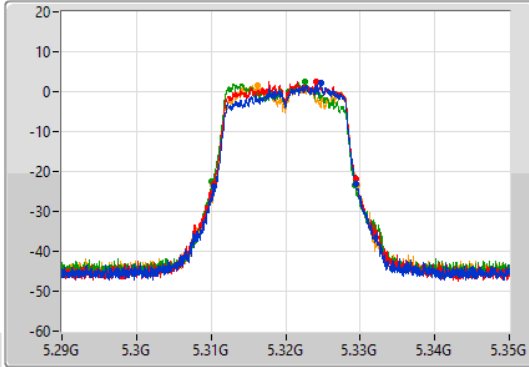
### 802.11a\_Nss1,(6Mbps)\_4TX

EBW

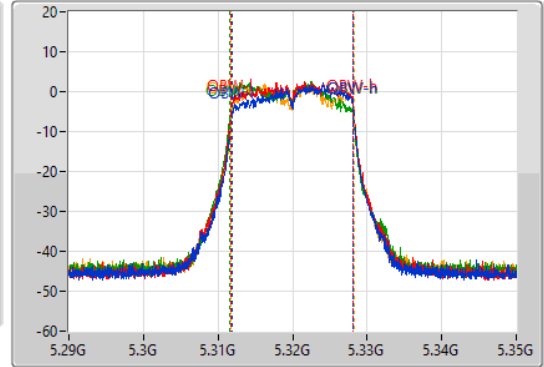
5320MHz

22/08/2022

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



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.31043G	5.32948G	16.342M	5.311844G	5.328186G	Inf	1
19.17M	5.31034G	5.32951G	16.402M	5.311784G	5.328186G	Inf	2
19.17M	5.31013G	5.3293G	16.462M	5.311604G	5.328066G	Inf	3
19.26M	5.31028G	5.32954G	16.462M	5.311784G	5.328246G	Inf	4

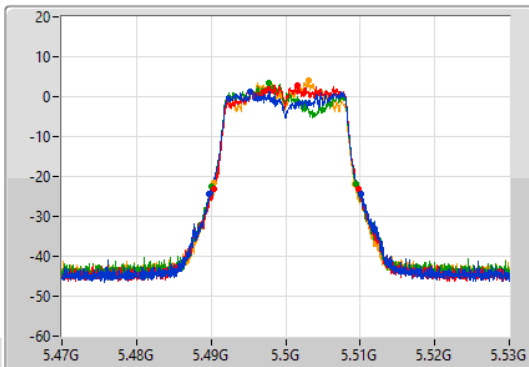
### 802.11a\_Nss1,(6Mbps)\_4TX

EBW

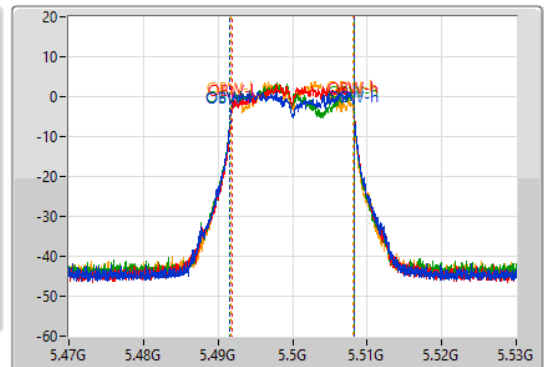
5500MHz

22/08/2022

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



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.48971G	5.51008G	16.702M	5.491604G	5.508306G	Inf	1
19.44M	5.49034G	5.50978G	16.432M	5.491814G	5.508246G	Inf	2
19.35M	5.49013G	5.50948G	16.612M	5.491634G	5.508246G	Inf	3
18.87M	5.49037G	5.50924G	16.402M	5.491754G	5.508156G	Inf	4

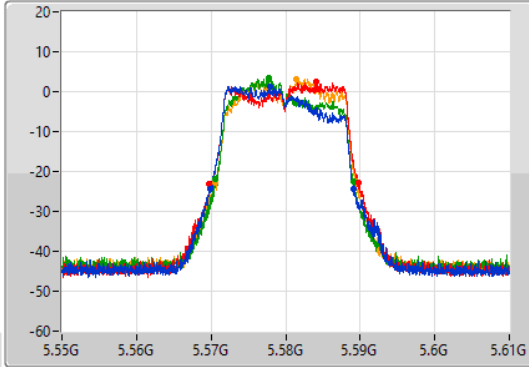
802.11a\_Nss1,(6Mbps)\_4TX

EBW

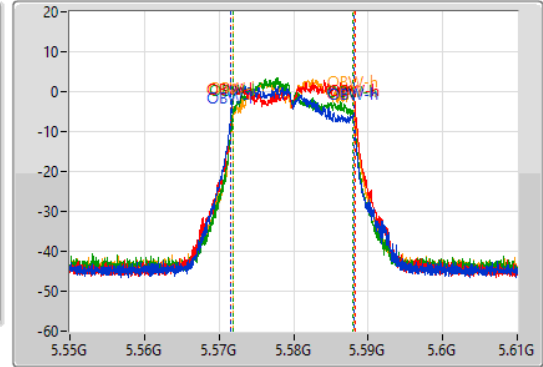
5580MHz

22/08/2022

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.56992G	5.58912G	16.552M	5.571484G	5.588036G	Inf	1
20.01M	5.5698G	5.58981G	16.702M	5.571604G	5.588306G	Inf	2
18.39M	5.57064G	5.58903G	16.192M	5.571814G	5.588006G	Inf	3
18.75M	5.57061G	5.58936G	16.282M	5.571904G	5.588186G	Inf	4

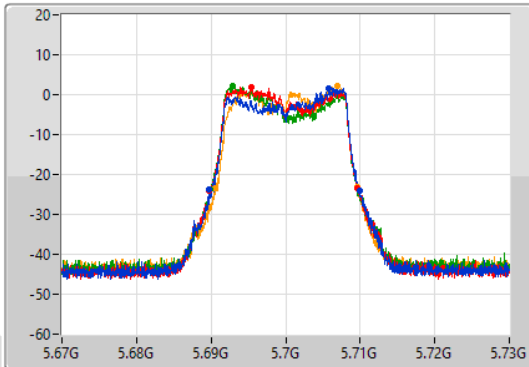
802.11a\_Nss1,(6Mbps)\_4TX

EBW

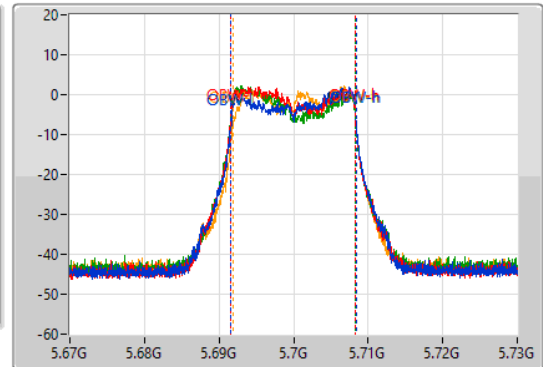
5700MHz

22/08/2022

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.07M	5.6898G	5.70987G	16.822M	5.691574G	5.708396G	Inf	1
19.92M	5.68977G	5.70969G	16.732M	5.691574G	5.708306G	Inf	2
19.77M	5.68986G	5.70963G	16.822M	5.691484G	5.708306G	Inf	3
19.02M	5.69064G	5.70966G	16.402M	5.691934G	5.708336G	Inf	4

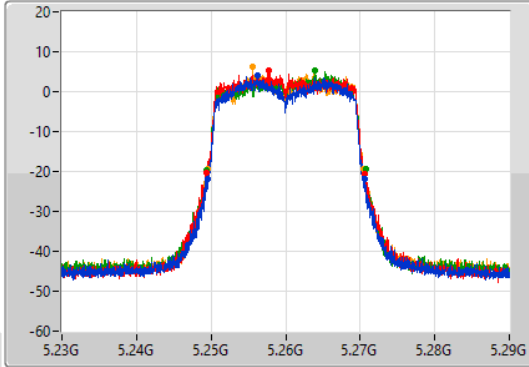
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

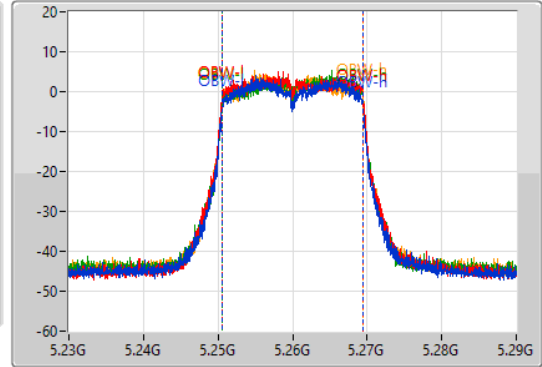
5260MHz

22/08/2022

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.24956G	5.27056G	18.831M	5.250585G	5.269415G	Inf	1
21.21M	5.24944G	5.27065G	18.951M	5.250525G	5.269475G	Inf	2
21.36M	5.24944G	5.2708G	18.891M	5.250555G	5.269445G	Inf	3
20.85M	5.24953G	5.27038G	18.951M	5.250525G	5.269475G	Inf	4

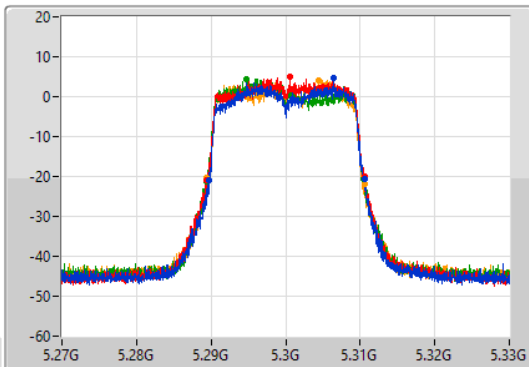
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

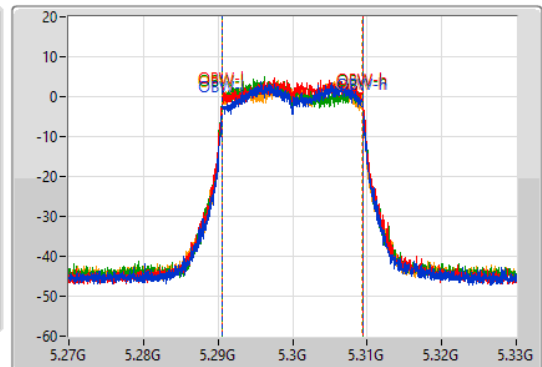
5300MHz

22/08/2022

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



Port 1  
Port 2  
Port 3  
Port 4

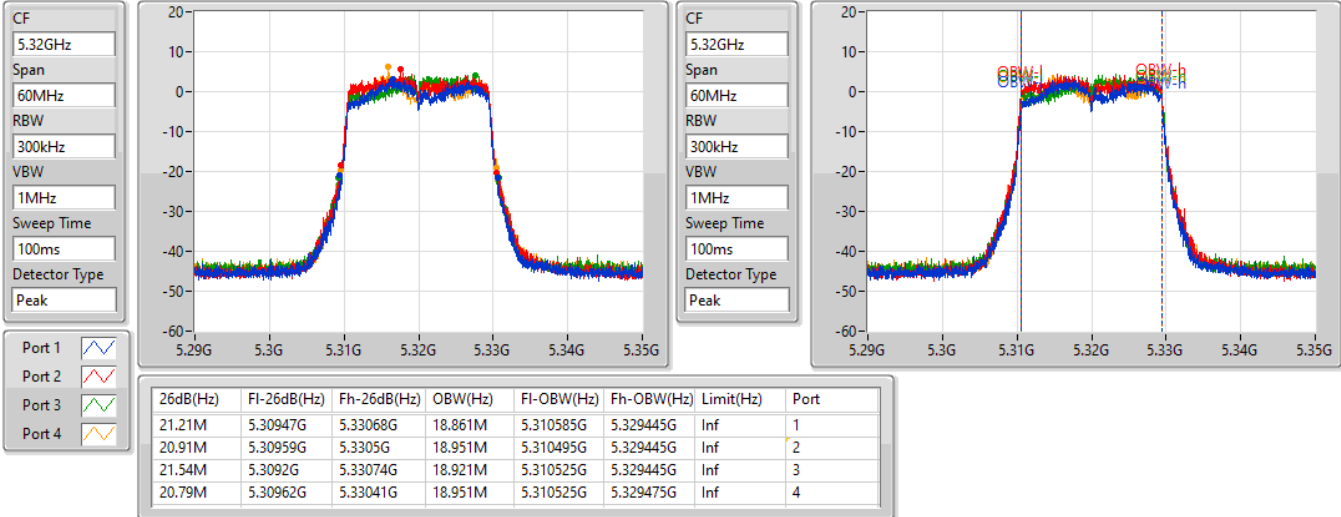
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.94M	5.28968G	5.31062G	18.861M	5.290585G	5.309445G	Inf	1
21.21M	5.28932G	5.31053G	18.921M	5.290525G	5.309445G	Inf	2
21.12M	5.28935G	5.31047G	18.981M	5.290495G	5.309475G	Inf	3
21.12M	5.28944G	5.31056G	18.801M	5.290555G	5.309355G	Inf	4

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5320MHz

22/08/2022

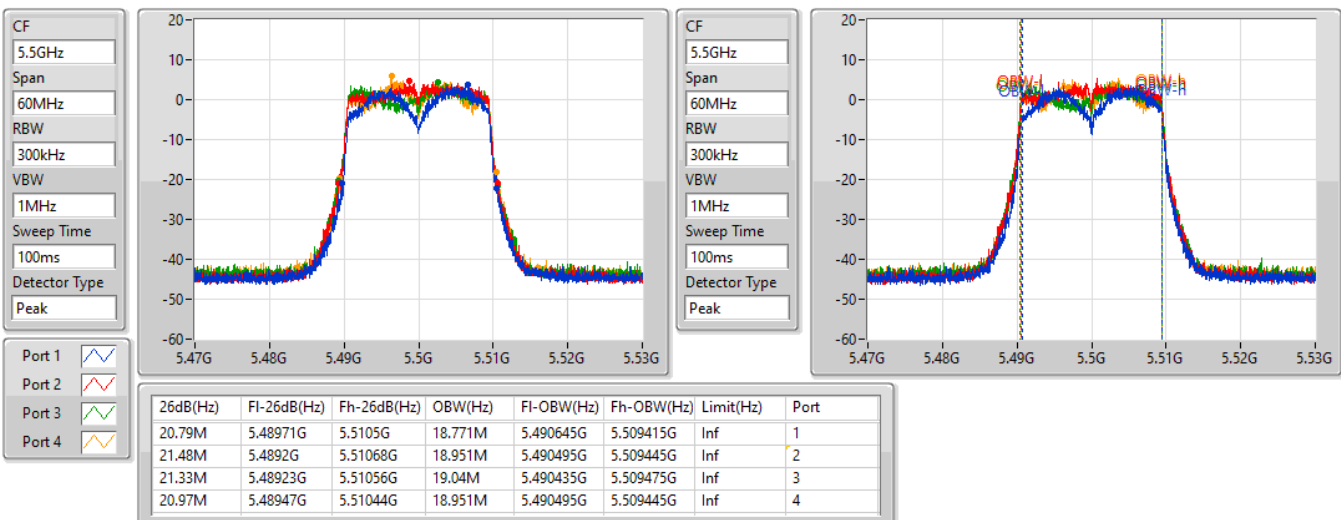


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5500MHz

22/08/2022

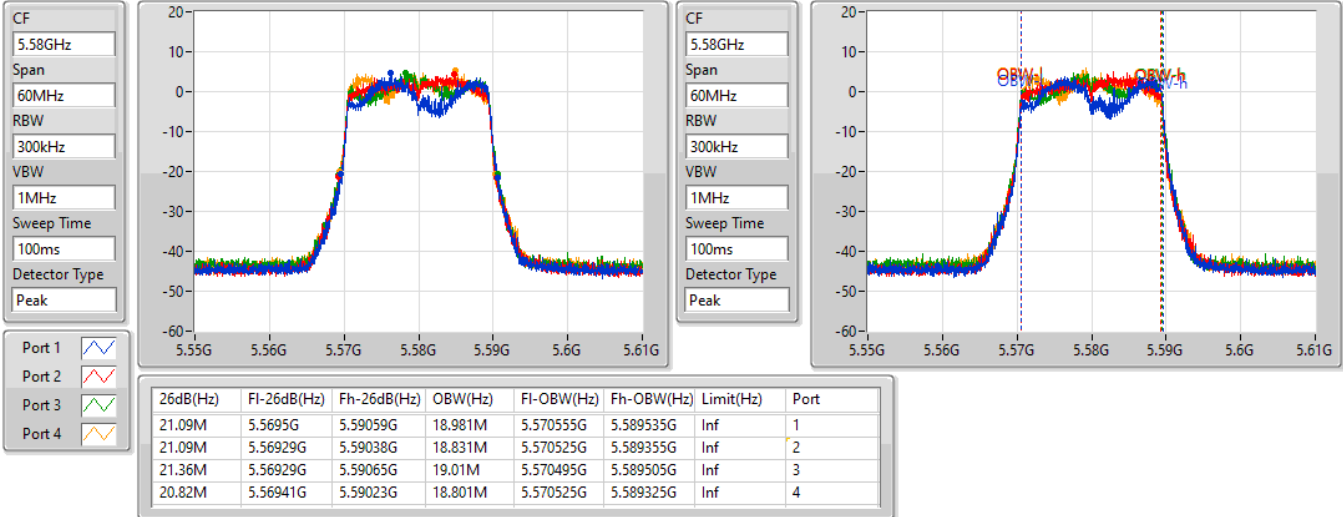


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5580MHz

22/08/2022

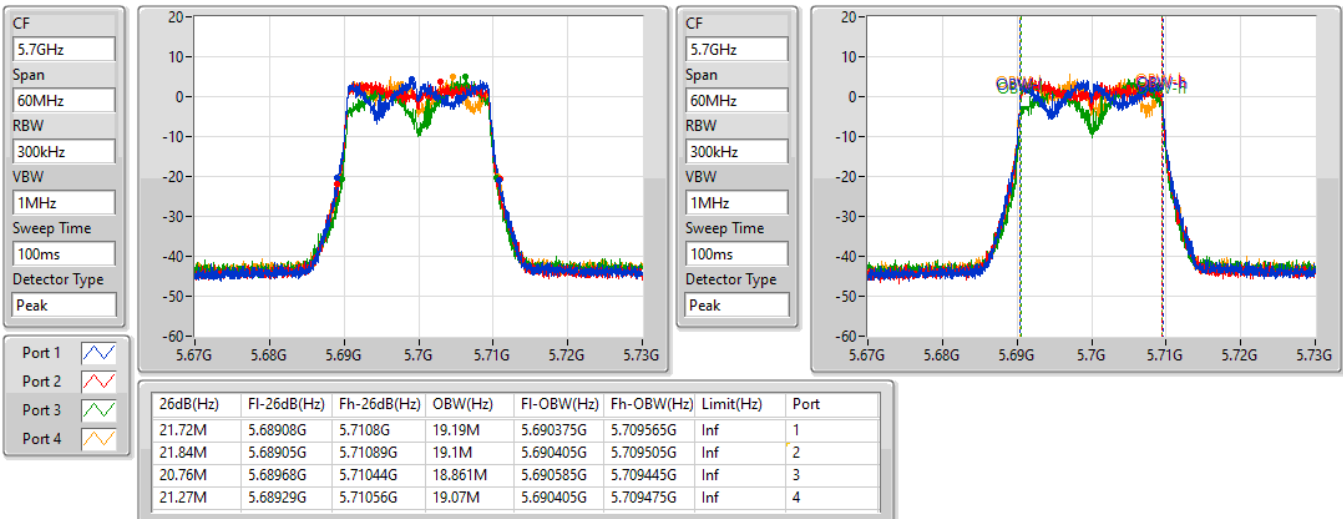


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5700MHz

22/08/2022

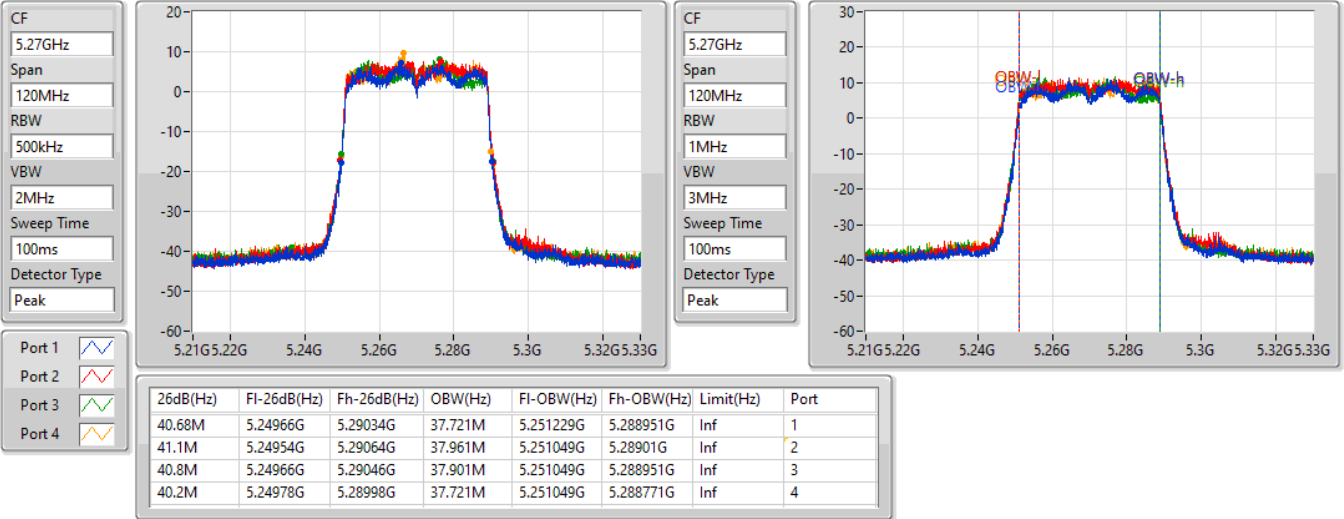


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5270MHz

22/08/2022

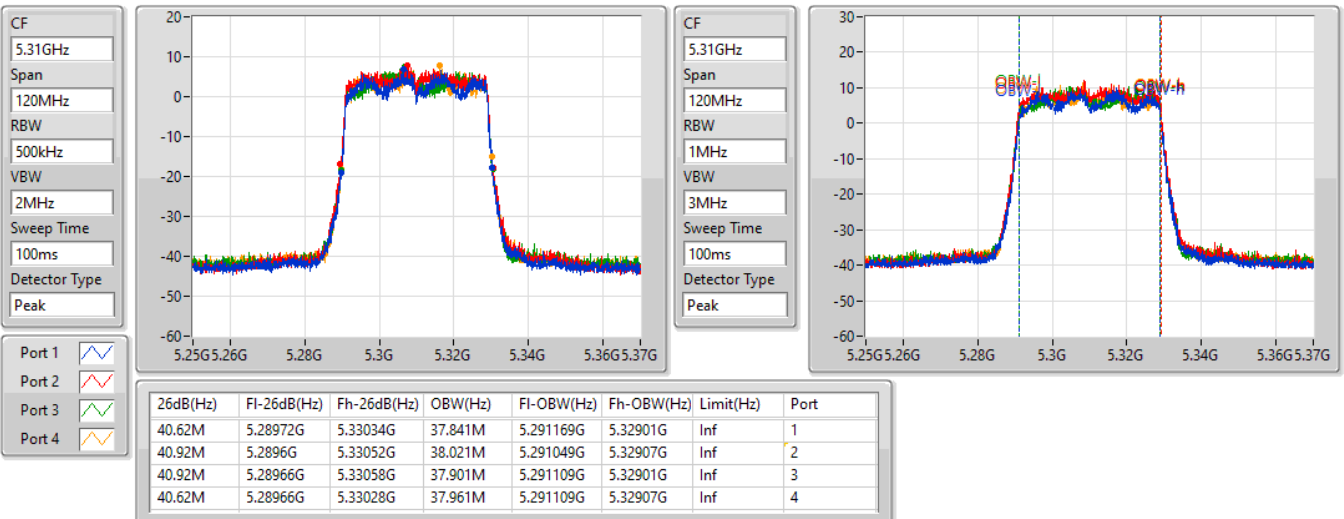


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5310MHz

22/08/2022



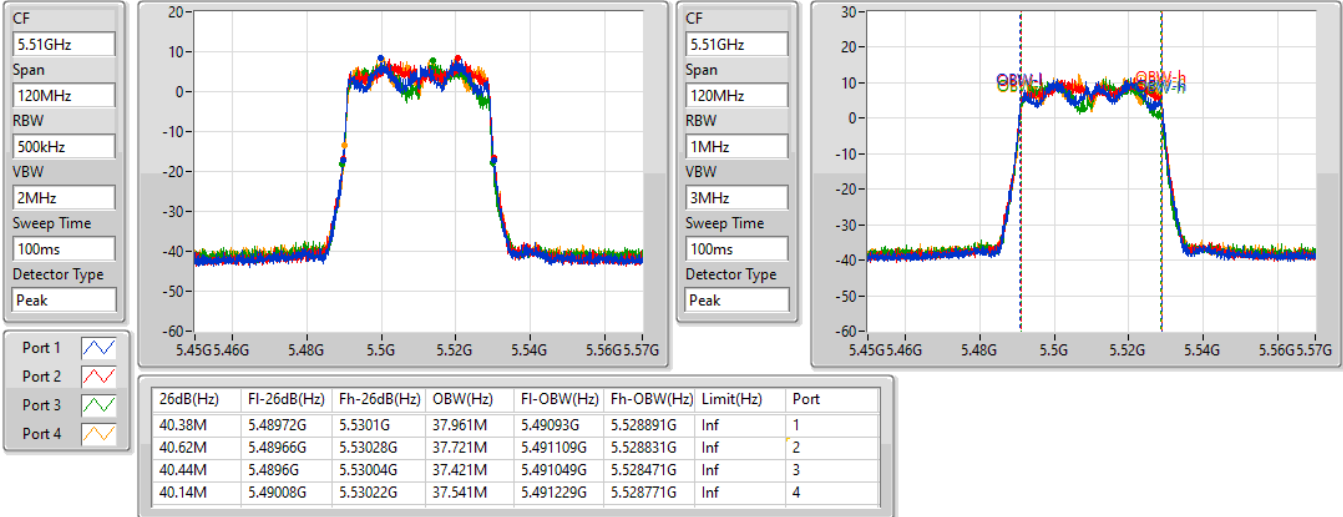


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5510MHz

22/08/2022

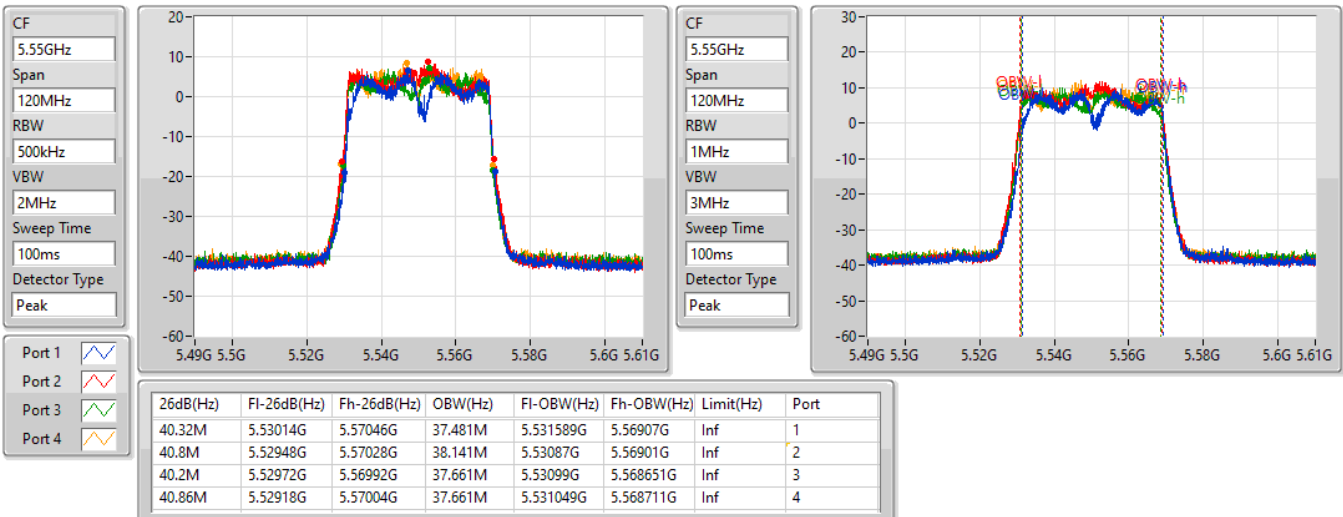


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5550MHz

22/08/2022

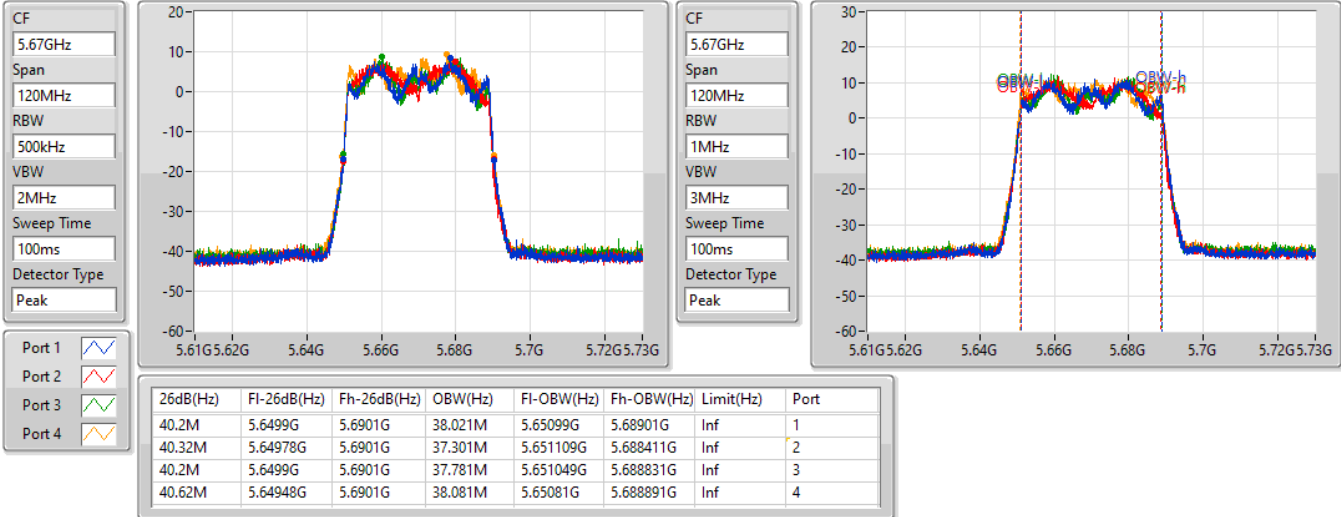


### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5670MHz

22/08/2022

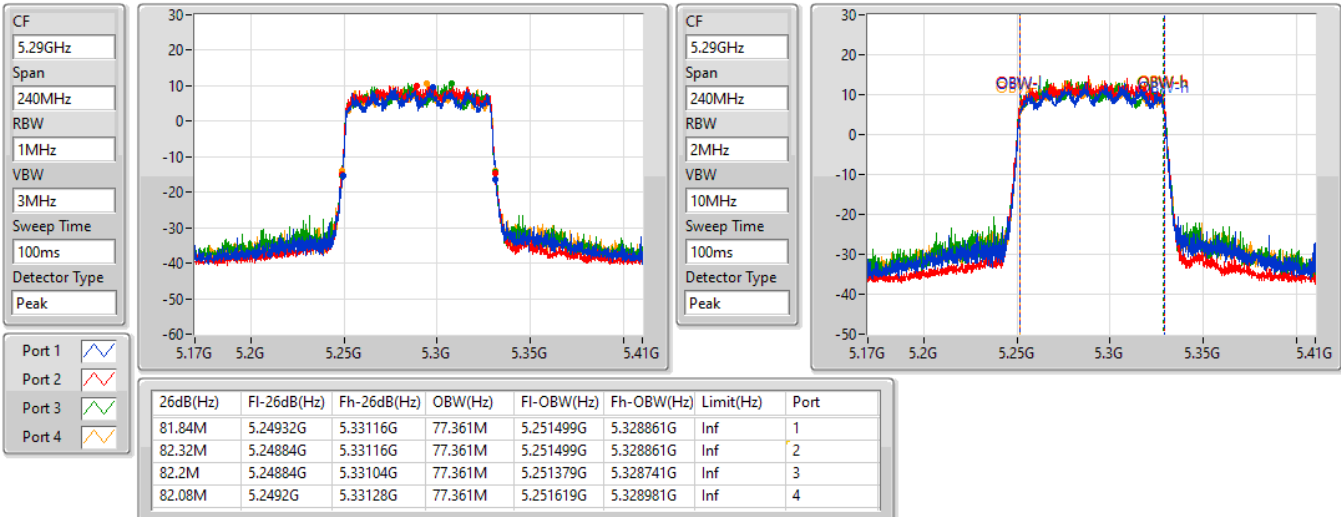


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5290MHz

22/08/2022



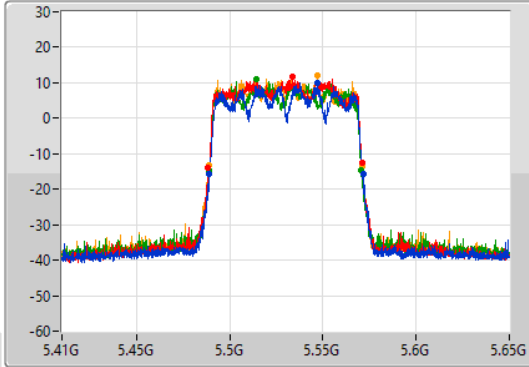
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

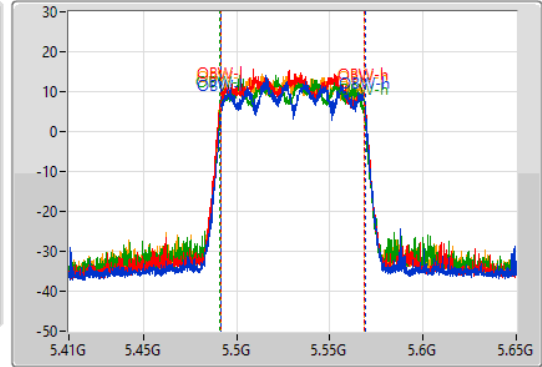
5530MHz

22/08/2022

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.48908G	5.57152G	77.241M	5.491619G	5.568861G	Inf	1
82.56M	5.48824G	5.5708G	77.481M	5.491259G	5.568741G	Inf	2
81.84M	5.48872G	5.57056G	77.001M	5.491139G	5.568141G	Inf	3
81.84M	5.48908G	5.57092G	77.001M	5.491379G	5.568381G	Inf	4

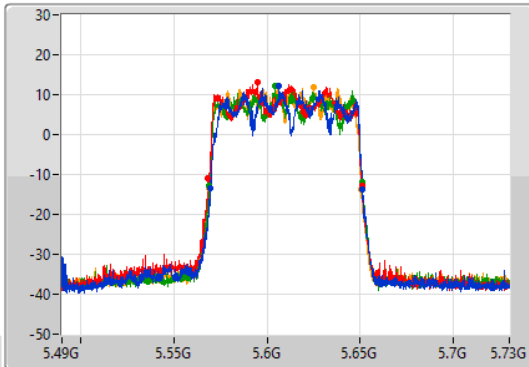
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

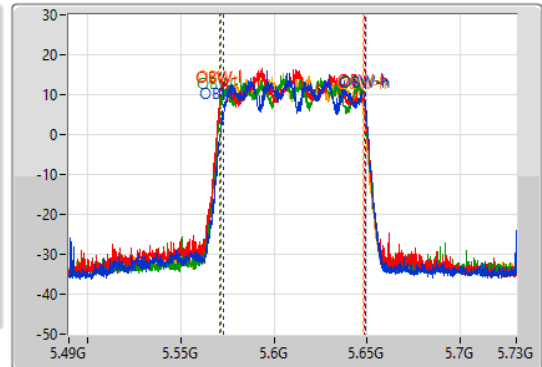
5610MHz

22/08/2022

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.56944G	5.65128G	76.402M	5.572819G	5.64922G	Inf	1
82.56M	5.56848G	5.65104G	77.721M	5.5709G	5.648621G	Inf	2
82.2M	5.56896G	5.65116G	77.601M	5.571259G	5.648861G	Inf	3
81.36M	5.56896G	5.65032G	76.522M	5.571259G	5.647781G	Inf	4



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.28	0.04246
802.11ax HEW20_Nss1,(MCS0)_4TX	16.44	0.04406
802.11ax HEW40_Nss1,(MCS0)_4TX	19.23	0.08375
802.11ax HEW80_Nss1,(MCS0)_4TX	21.67	0.14689
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.44	0.04406
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	16.81	0.04797
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.87	0.04864
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.62	0.03648
802.11ax HEW20_Nss1,(MCS0)_4TX	16.42	0.04385
802.11ax HEW40_Nss1,(MCS0)_4TX	18.92	0.07798
802.11ax HEW80_Nss1,(MCS0)_4TX	21.74	0.14928
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.42	0.04385
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	16.91	0.04909
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.61	0.04581



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.54	10.53	10.90	9.72	9.75	16.28	22.18
5300MHz	Pass	7.54	9.28	10.30	9.32	9.40	15.62	22.21
5320MHz	Pass	7.54	9.05	10.06	9.68	9.11	15.52	22.26
5500MHz	Pass	7.54	8.86	10.15	9.38	9.88	15.62	22.22
5580MHz	Pass	7.54	8.35	9.87	8.98	9.96	15.36	22.11
5700MHz	Pass	7.54	8.49	9.33	8.48	9.02	14.87	22.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.54	9.62	10.85	10.58	10.53	16.44	22.44
5300MHz	Pass	7.54	9.32	10.68	9.94	9.98	16.03	22.44
5320MHz	Pass	7.54	9.42	10.99	10.71	10.24	16.40	22.44
5500MHz	Pass	7.54	8.98	10.79	9.93	10.52	16.13	22.44
5580MHz	Pass	7.54	8.94	10.48	10.14	10.97	16.22	22.44
5700MHz	Pass	7.54	10.40	10.99	9.31	10.72	16.42	22.44
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.54	12.69	13.67	13.10	13.33	19.23	22.44
5310MHz	Pass	7.54	12.27	13.74	13.06	13.04	19.08	22.44
5510MHz	Pass	7.54	12.29	13.05	12.21	12.92	18.65	22.44
5550MHz	Pass	7.54	11.67	13.61	12.63	13.43	18.92	22.44
5670MHz	Pass	7.54	11.20	11.87	11.58	9.79	17.20	22.44
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.54	14.96	16.05	15.87	15.63	21.67	22.44
5530MHz	Pass	7.54	14.07	16.08	15.12	15.76	21.34	22.44
5610MHz	Pass	7.54	15.01	16.29	15.49	15.99	21.74	22.44
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.03	9.62	10.85	10.58	10.53	16.44	16.95
5300MHz	Pass	13.03	9.32	10.68	9.94	9.98	16.03	16.95
5320MHz	Pass	13.03	9.42	10.99	10.71	10.24	16.40	16.95
5500MHz	Pass	13.03	8.98	10.79	9.93	10.52	16.13	16.95
5580MHz	Pass	13.03	8.94	10.48	10.14	10.97	16.22	16.95
5700MHz	Pass	13.03	10.40	10.99	9.31	10.72	16.42	16.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	13.03	9.10	11.40	11.05	11.23	16.81	16.95
5310MHz	Pass	13.03	9.88	11.40	10.29	10.86	16.67	16.95
5510MHz	Pass	13.03	10.21	11.21	10.15	11.71	16.89	16.95
5550MHz	Pass	13.03	9.26	11.06	10.89	11.73	16.85	16.95
5670MHz	Pass	13.03	9.95	10.98	10.93	11.54	16.91	16.95
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	13.03	9.85	11.41	10.88	11.11	16.87	16.95
5530MHz	Pass	13.03	9.08	11.41	10.33	11.16	16.61	16.95
5610MHz	Pass	13.03	8.94	10.62	10.97	11.19	16.53	16.95

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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.91
802.11ax HEW20_Nss1,(MCS0)_4TX	3.70
802.11ax HEW40_Nss1,(MCS0)_4TX	3.78
802.11ax HEW80_Nss1,(MCS0)_4TX	3.55
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.86
802.11ax HEW20_Nss1,(MCS0)_4TX	3.93
802.11ax HEW40_Nss1,(MCS0)_4TX	3.84
802.11ax HEW80_Nss1,(MCS0)_4TX	3.65

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.03	-1.41	-1.10	-0.69	-1.65	3.91	3.97
5300MHz	Pass	13.03	-2.22	-1.95	-1.76	-1.78	3.68	3.97
5320MHz	Pass	13.03	-2.27	-1.90	-1.79	-2.11	3.71	3.97
5500MHz	Pass	13.03	-2.80	-1.83	-1.49	-0.77	3.86	3.97
5580MHz	Pass	13.03	-2.16	-1.89	-0.75	-0.86	3.47	3.97
5700MHz	Pass	13.03	-1.70	-2.24	-1.44	-1.73	3.56	3.97
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.03	-2.65	-1.80	-1.71	-1.26	3.68	3.97
5300MHz	Pass	13.03	-2.66	-1.92	-1.66	-1.73	3.59	3.97
5320MHz	Pass	13.03	-2.49	-1.50	-1.69	-1.22	3.70	3.97
5500MHz	Pass	13.03	-2.52	-2.02	-2.13	-0.90	3.93	3.97
5580MHz	Pass	13.03	-2.09	-1.86	-1.31	-0.82	3.76	3.97
5700MHz	Pass	13.03	-1.09	-1.48	-1.30	-1.01	3.50	3.97
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	13.03	-2.33	-1.69	-1.60	-1.32	3.78	3.97
5310MHz	Pass	13.03	-2.63	-1.63	-1.75	-1.34	3.76	3.97
5510MHz	Pass	13.03	-1.52	-2.00	-2.37	-1.63	3.78	3.97
5550MHz	Pass	13.03	-2.44	-0.23	-1.95	-0.67	3.84	3.97
5670MHz	Pass	13.03	-2.37	-2.54	-1.85	-1.82	3.57	3.97
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	13.03	-2.63	-2.04	-1.65	-1.35	3.55	3.97
5530MHz	Pass	13.03	-2.93	-1.25	-2.39	-1.10	3.52	3.97
5610MHz	Pass	13.03	-1.48	-0.07	-1.86	-0.82	3.65	3.97

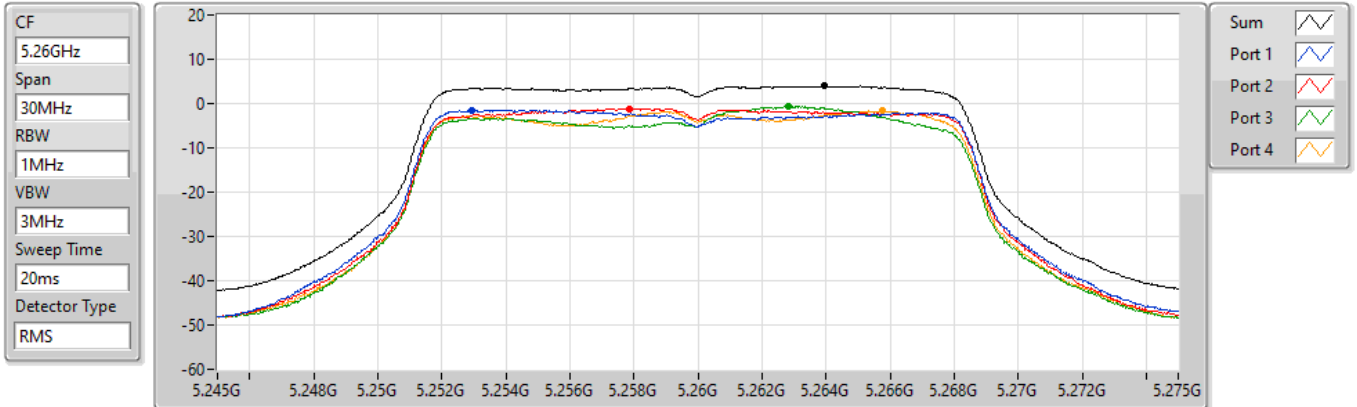
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = Trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

#### 5260MHz

22/08/2022



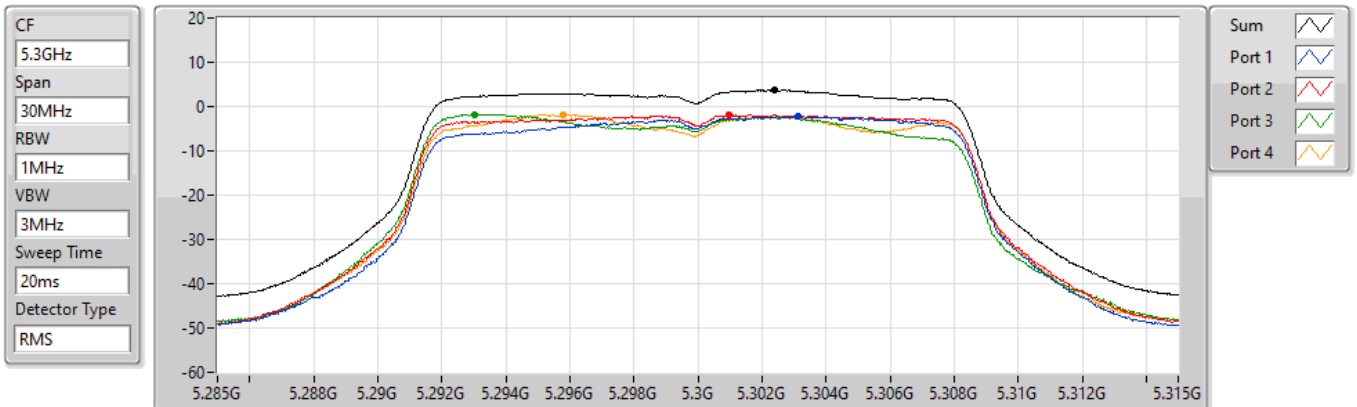
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	-1.41	-1.10	-0.69	-1.65

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

#### 5300MHz

22/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	-2.22	-1.95	-1.76	-1.78

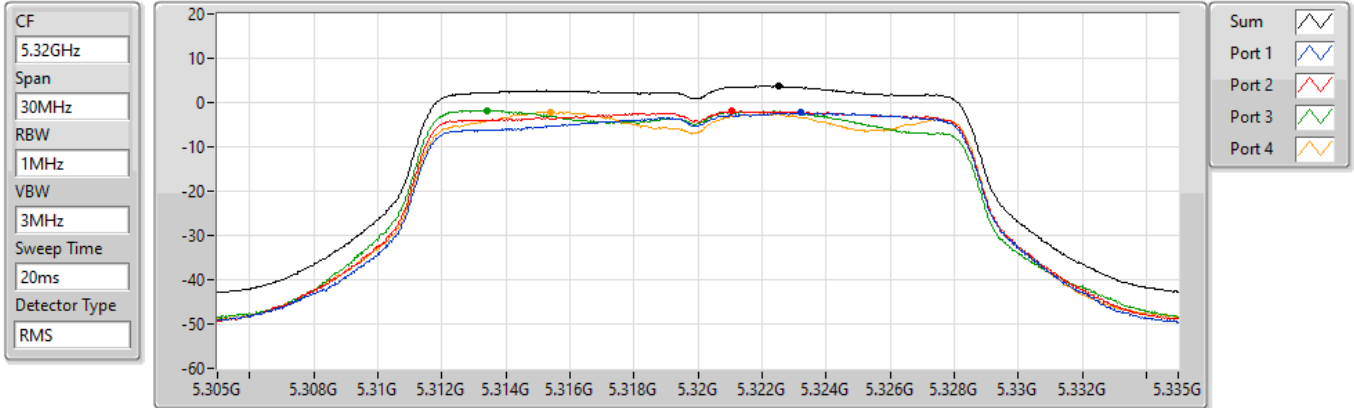


### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5320MHz

22/08/2022



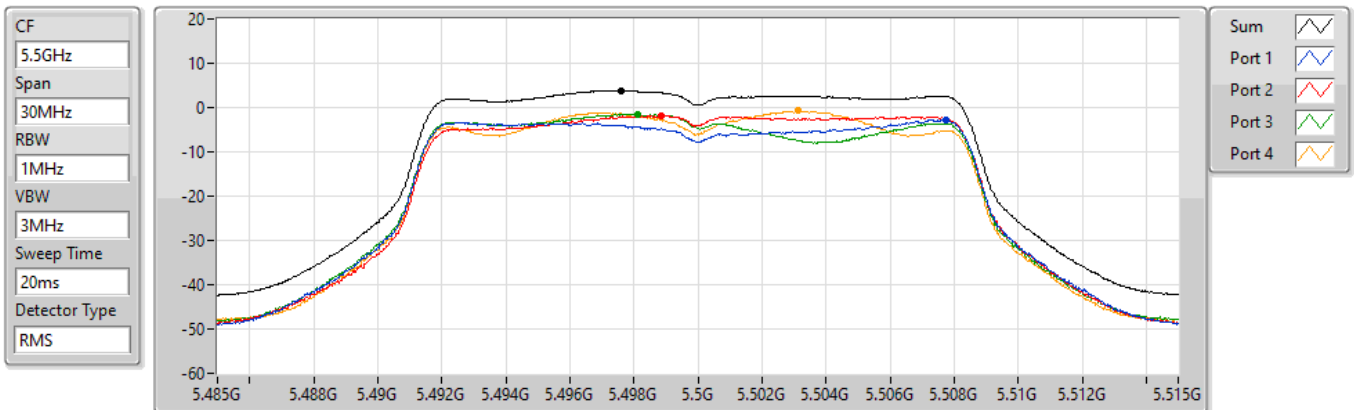
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	-2.27	-1.90	-1.79	-2.11

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5500MHz

22/08/2022



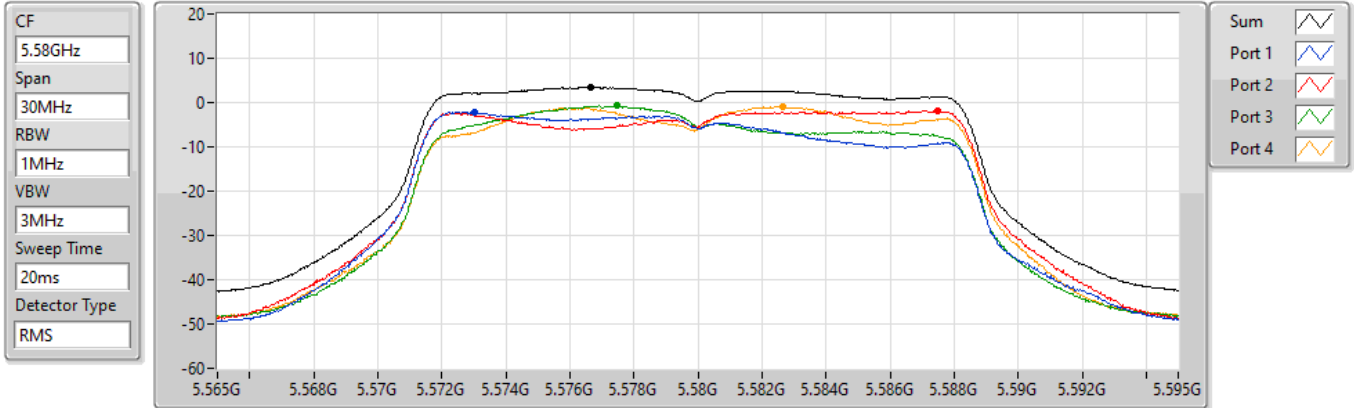
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-2.80	-1.83	-1.49	-0.77

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

#### 5580MHz

22/08/2022



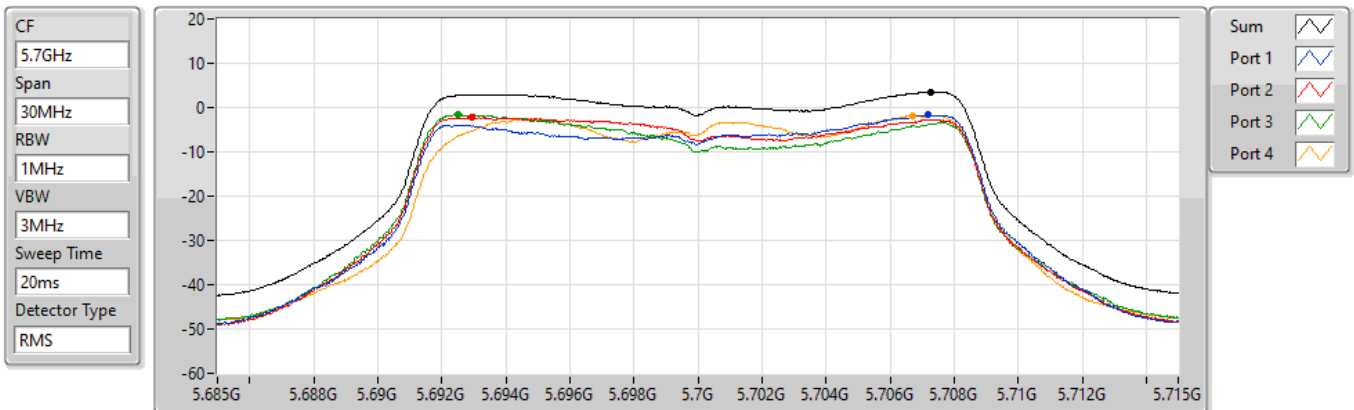
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	-2.16	-1.89	-0.75	-0.86

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

#### 5700MHz

22/08/2022



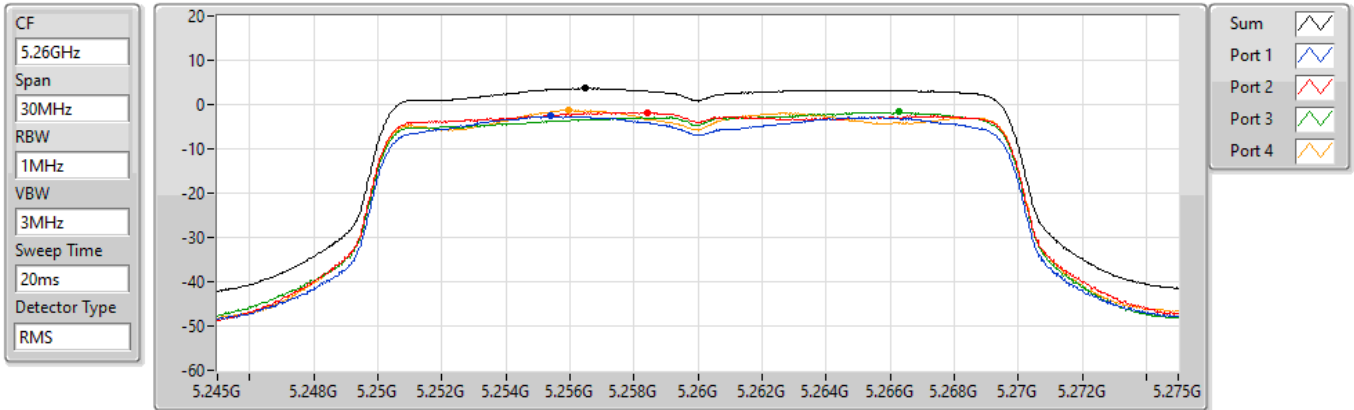
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	-1.70	-2.24	-1.44	-1.73

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5260MHz

22/08/2022



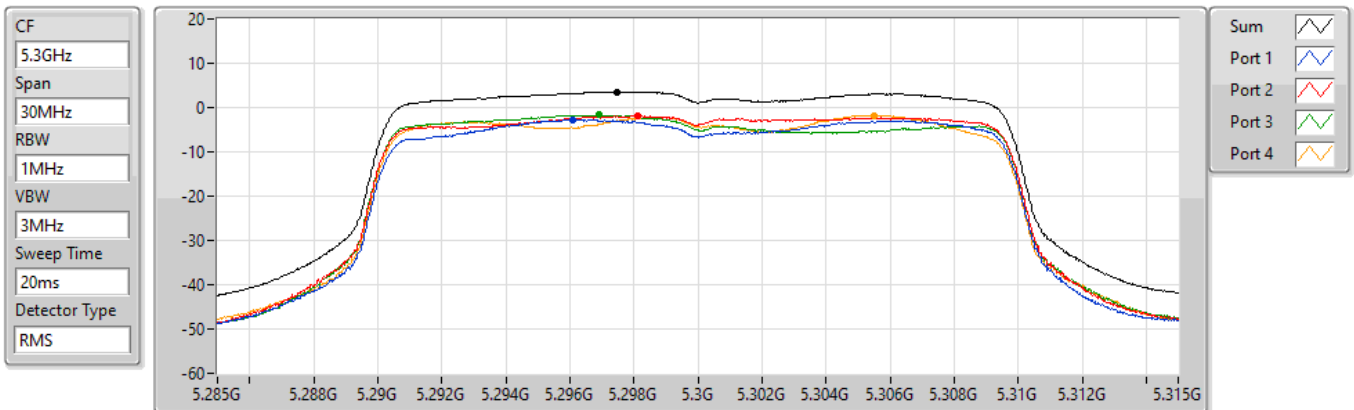
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	-2.65	-1.80	-1.71	-1.26

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5300MHz

22/08/2022



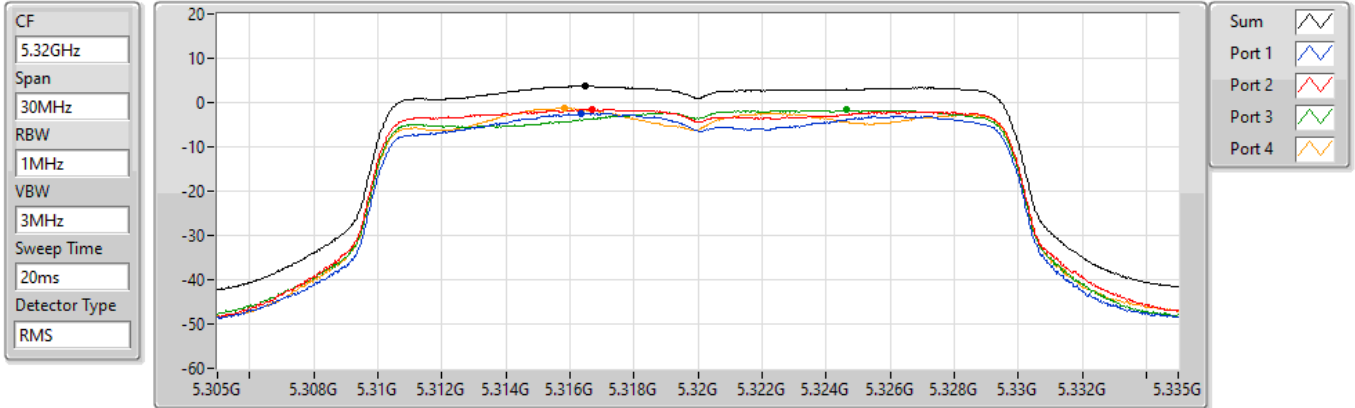
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.59	3.59	-2.66	-1.92	-1.66	-1.73

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

#### 5320MHz

22/08/2022



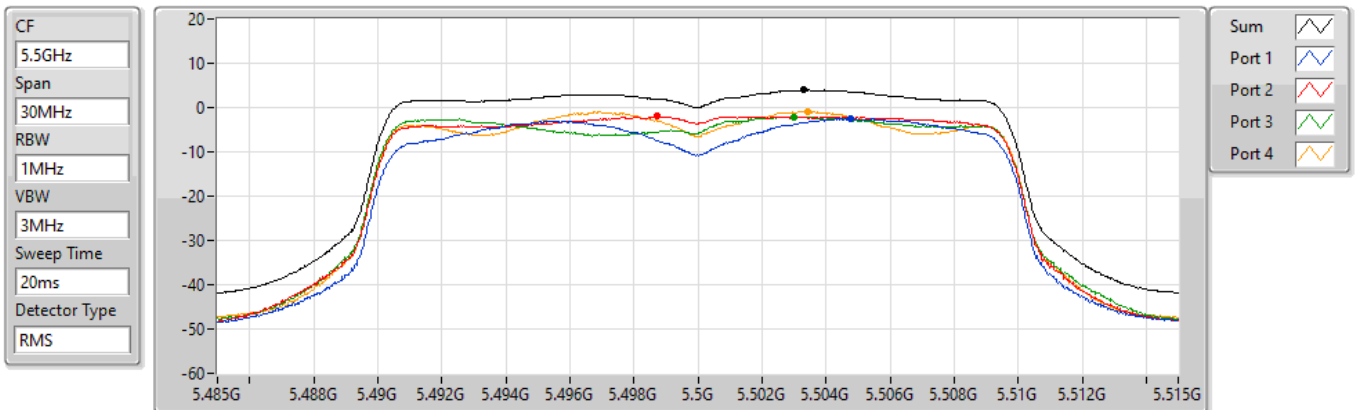
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.70	3.70	-2.49	-1.50	-1.69	-1.22

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

#### 5500MHz

22/08/2022



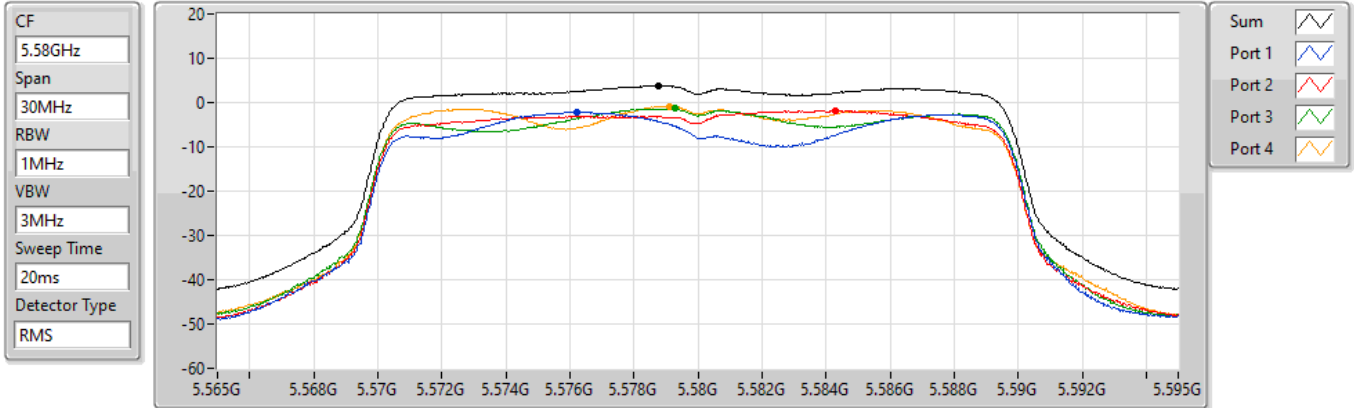
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	-2.52	-2.02	-2.13	-0.90

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5580MHz

22/08/2022



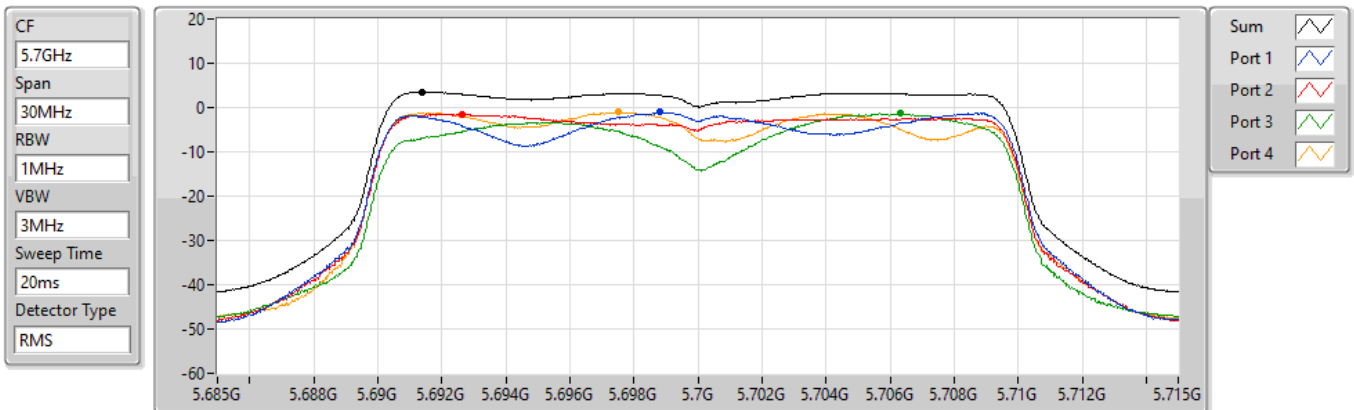
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.76	3.76	-2.09	-1.86	-1.31	-0.82

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5700MHz

22/08/2022



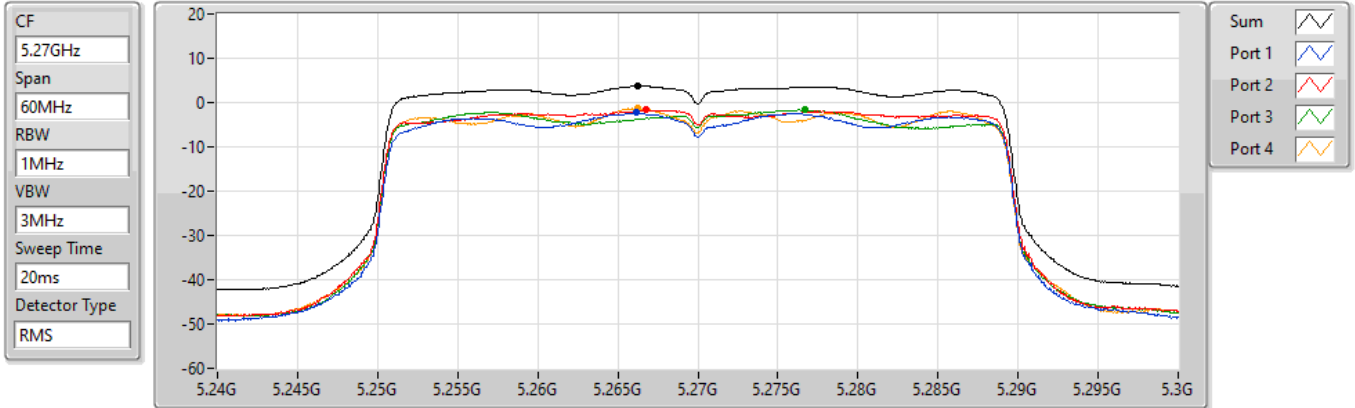
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	-1.09	-1.48	-1.30	-1.01

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### PSD

#### 5270MHz

22/08/2022



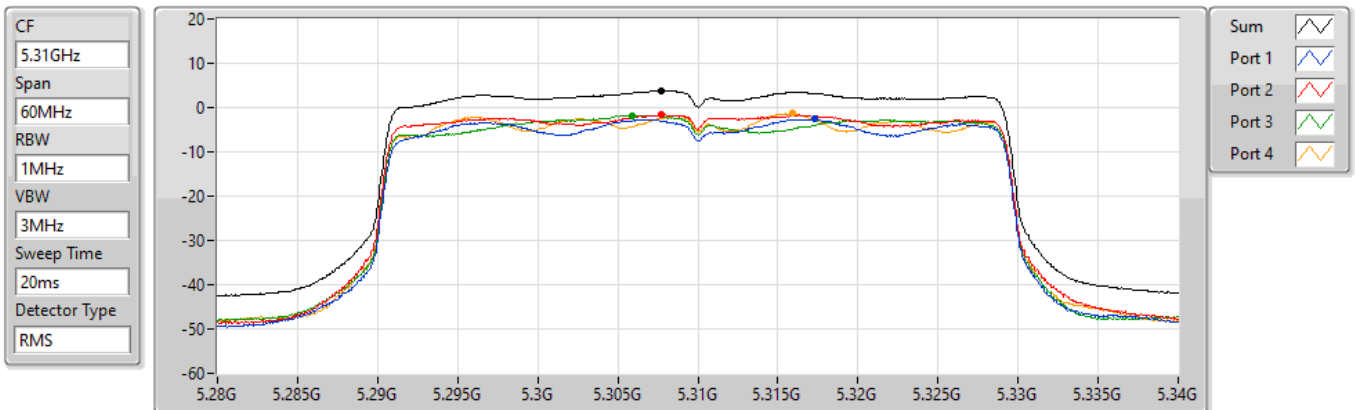
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.78	3.78	-2.33	-1.69	-1.60	-1.32

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### PSD

#### 5310MHz

22/08/2022



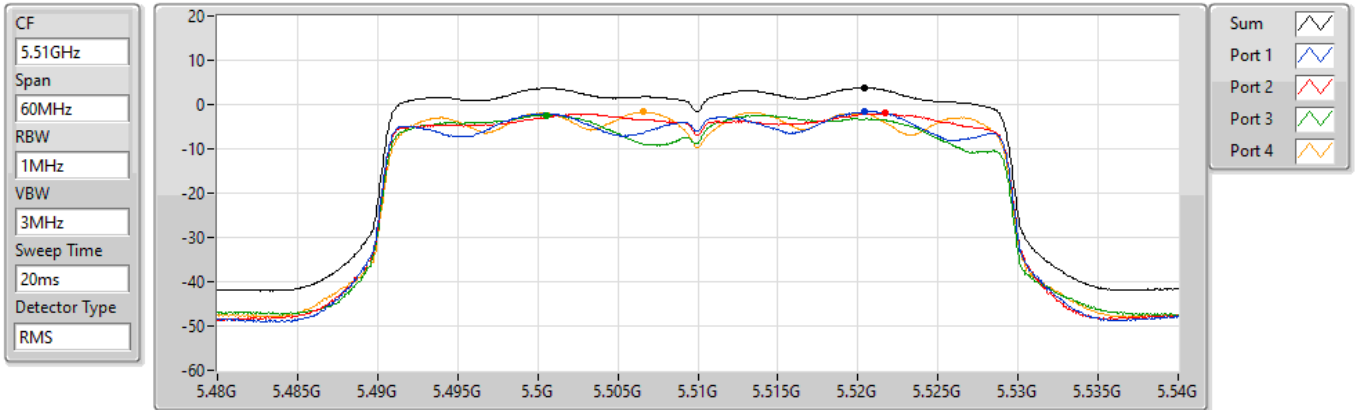
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.76	3.76	-2.63	-1.63	-1.75	-1.34

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### PSD

#### 5510MHz

22/08/2022



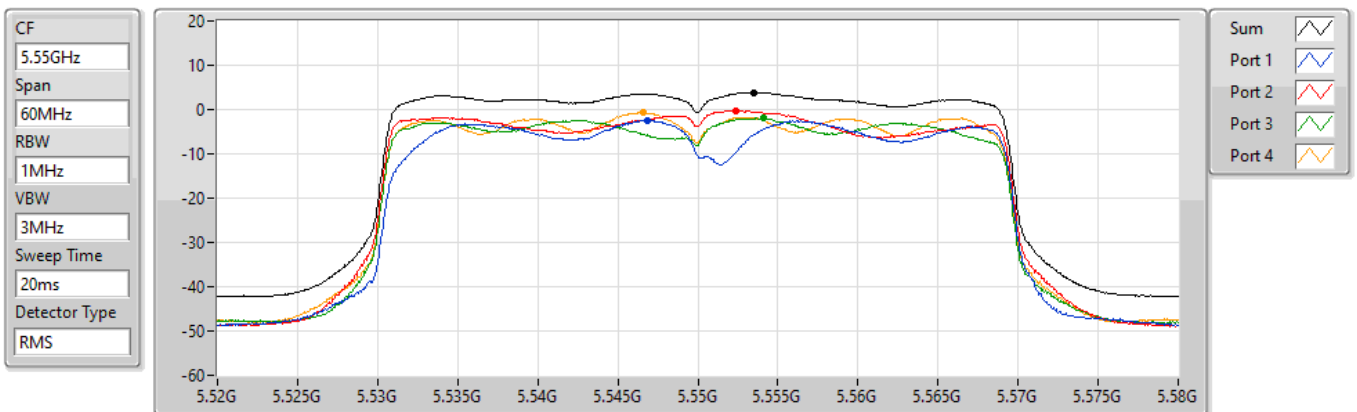
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.78	3.78	-1.52	-2.00	-2.37	-1.63

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### PSD

#### 5550MHz

22/08/2022



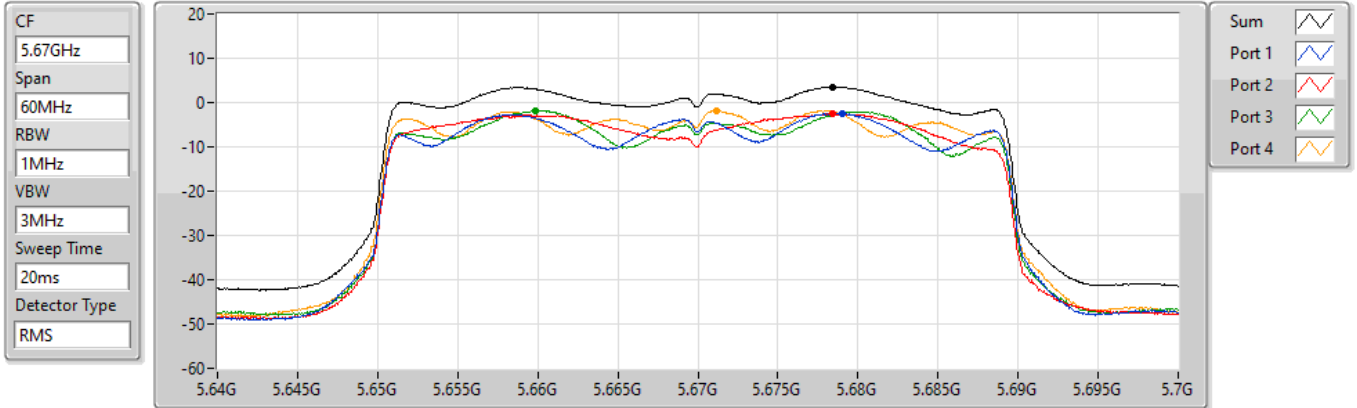
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	-2.44	-0.23	-1.95	-0.67

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

#### 5670MHz

22/08/2022



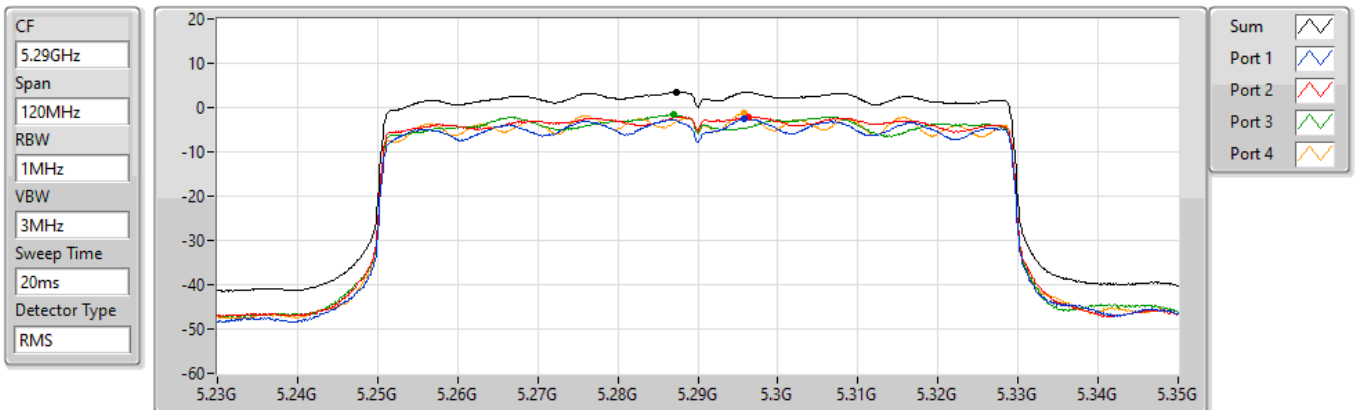
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.57	3.57	-2.37	-2.54	-1.85	-1.82

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

#### 5290MHz

22/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.55	3.55	-2.63	-2.04	-1.65	-1.35

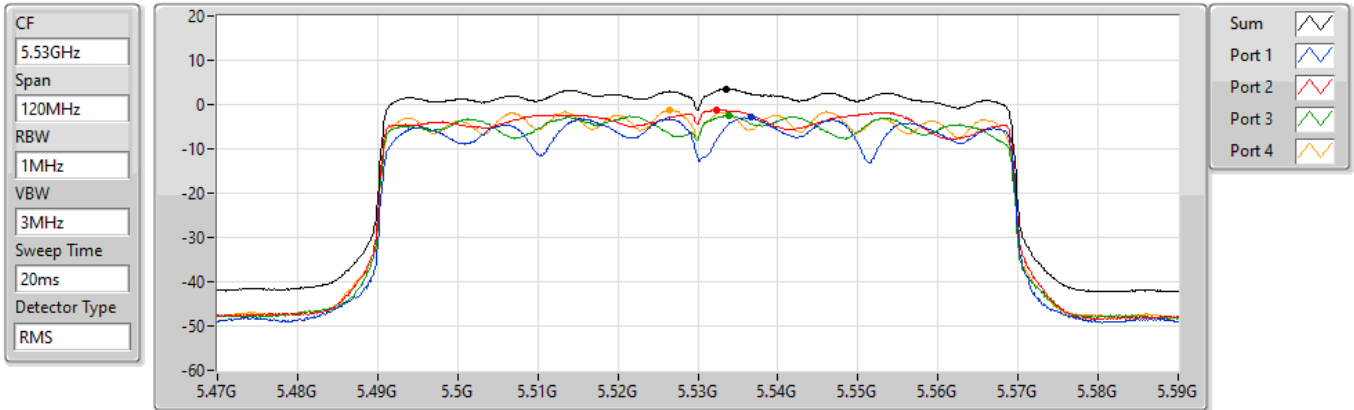


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### PSD

#### 5530MHz

22/08/2022



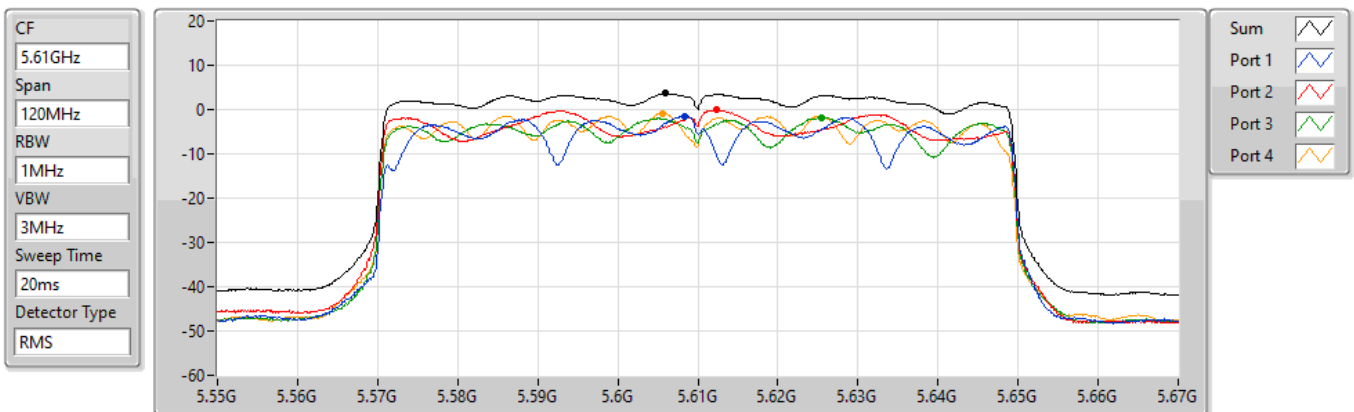
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.52	3.52	-2.93	-1.25	-2.39	-1.10

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### PSD

#### 5610MHz

22/08/2022



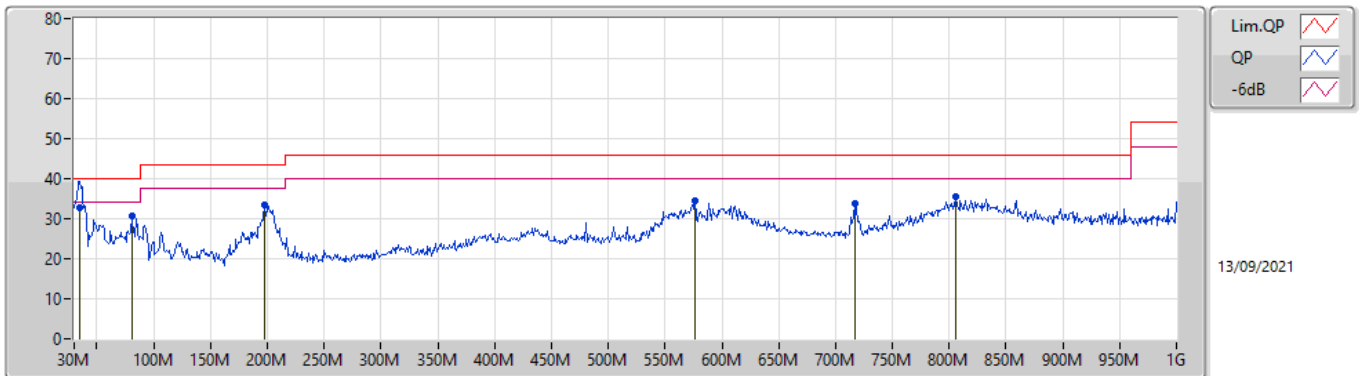
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.65	3.65	-1.48	-0.07	-1.86	-0.82



**Summary**

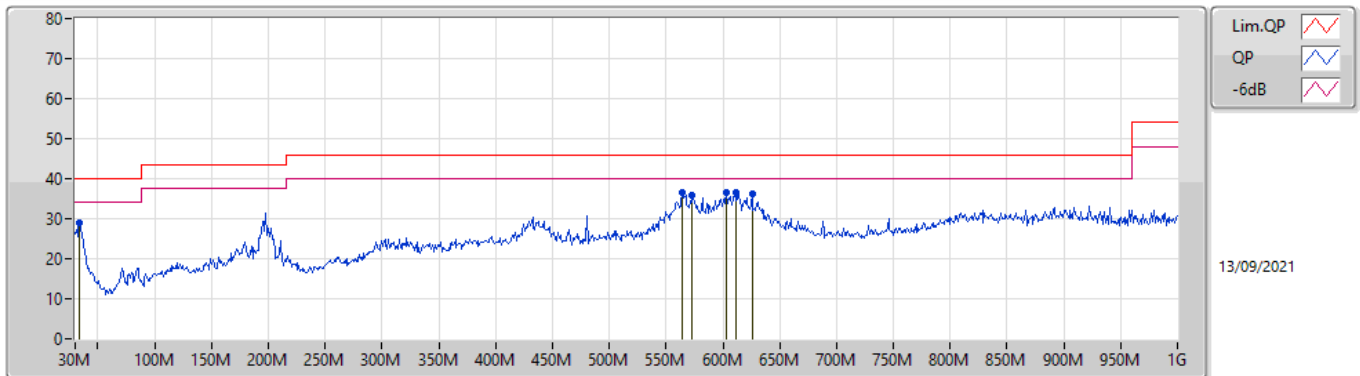
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	34.85M	32.61	40.00	-7.39	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	34.85M	32.61	40.00	-7.39	-6.20	3	Vertical	28	1.00	"Worst"	38.81	21.57	0.71	28.48
PK	80.44M	30.66	40.00	-9.34	-14.51	3	Vertical	181	1.25	-	45.17	12.94	1.03	28.48
PK	197.81M	33.45	43.50	-10.05	-11.38	3	Vertical	352	1.25	-	44.83	14.92	1.70	28.00
PK	576.11M	34.44	46.00	-11.56	-2.28	3	Vertical	143	1.00	-	36.72	24.11	2.96	29.35
PK	716.76M	33.83	46.00	-12.17	-1.60	3	Vertical	319	1.50	-	35.43	24.38	3.29	29.27
PK	806M	35.51	46.00	-10.49	-0.41	3	Vertical	292	1.00	-	35.92	25.17	3.46	29.04

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	33.88M	29.13	40.00	-10.87	-5.76	3	Horizontal	59	2.00	-	34.89	22.03	0.69	28.48
PK	564.47M	36.67	46.00	-9.33	-2.43	3	Horizontal	287	1.00	"Worst"	39.10	24.01	2.92	29.36
PK	573.2M	35.72	46.00	-10.28	-2.26	3	Horizontal	278	1.00	-	37.98	24.14	2.95	29.35
PK	603.27M	36.54	46.00	-9.46	-2.25	3	Horizontal	51	2.00	-	38.79	24.01	3.06	29.32
PK	612M	36.45	46.00	-9.55	-2.04	3	Horizontal	62	2.00	-	38.49	24.21	3.08	29.33
PK	625.58M	36.17	46.00	-9.83	-1.86	3	Horizontal	292	2.00	-	38.03	24.37	3.11	29.34

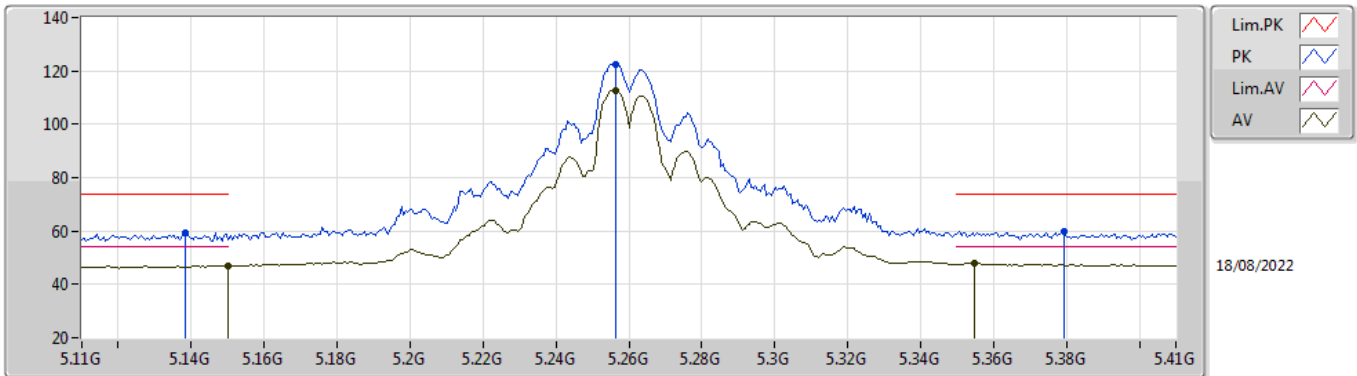


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3534G	53.82	54.00	-0.18	3	Horizontal	305	2.36	-

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5260MHz\_TnomVnom

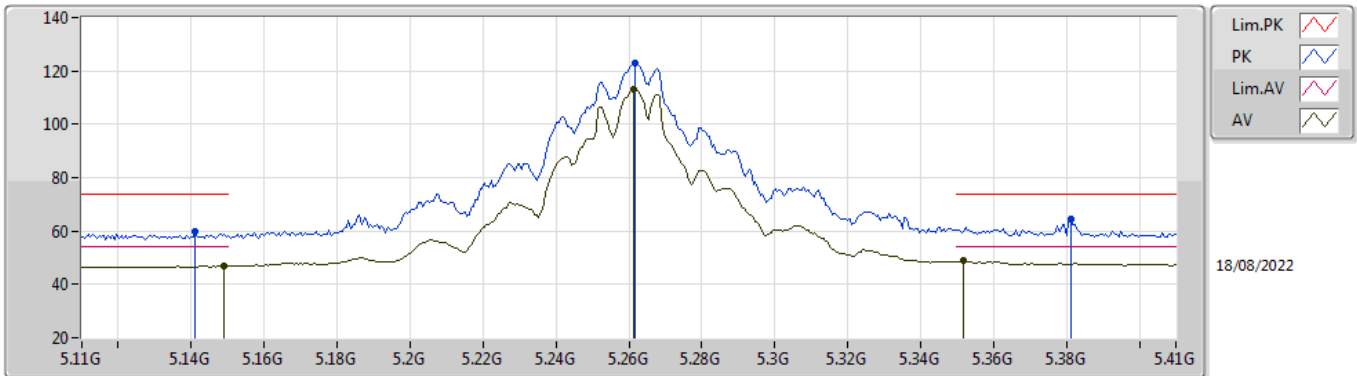


EUT\_V\_4TX  
Setting 29  
06-E-S-5-10

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	5.1382G	59.38	74.00	-14.62	53.28	3	Vertical	60	1.80	-	33.02	5.54	32.46
AV	5.15G	46.94	54.00	-7.06	40.85	3	Vertical	60	1.80	-	33.00	5.55	32.46
PK	5.2564G	122.67	Inf	-Inf	116.61	3	Vertical	60	1.80	-	32.90	5.63	32.47
AV	5.2564G	112.81	Inf	-Inf	106.75	3	Vertical	60	1.80	-	32.90	5.63	32.47
PK	5.3794G	59.60	74.00	-14.40	53.44	3	Vertical	60	1.80	-	32.96	5.69	32.49
AV	5.3548G	48.03	54.00	-5.97	41.92	3	Vertical	60	1.80	-	32.91	5.68	32.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5260MHz\_TnomVnom

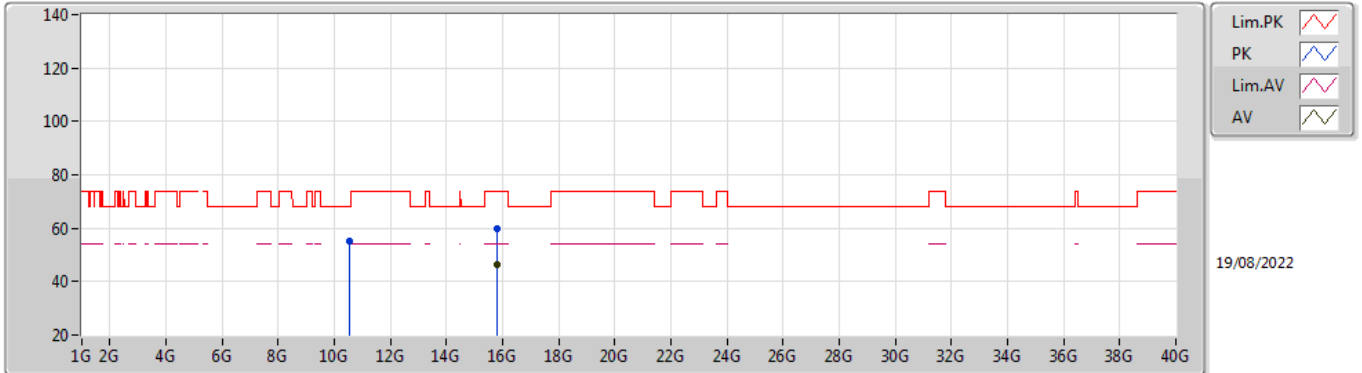


EUT\_V\_4TX  
Setting 29  
06-E-S-5-10

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	5.1412G	59.79	74.00	-14.21	53.69	3	Horizontal	61	1.62	-	33.02	5.54	32.46
AV	5.149G	47.15	54.00	-6.85	41.06	3	Horizontal	61	1.62	-	33.00	5.55	32.46
PK	5.2618G	123.03	Inf	-Inf	116.97	3	Horizontal	61	1.62	-	32.90	5.63	32.47
AV	5.2612G	113.08	Inf	-Inf	107.02	3	Horizontal	61	1.62	-	32.90	5.63	32.47
PK	5.3812G	64.32	74.00	-9.68	58.16	3	Horizontal	61	1.62	-	32.96	5.69	32.49
AV	5.3518G	48.72	54.00	-5.28	42.62	3	Horizontal	61	1.62	-	32.90	5.68	32.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5260MHz\_TnomVnom



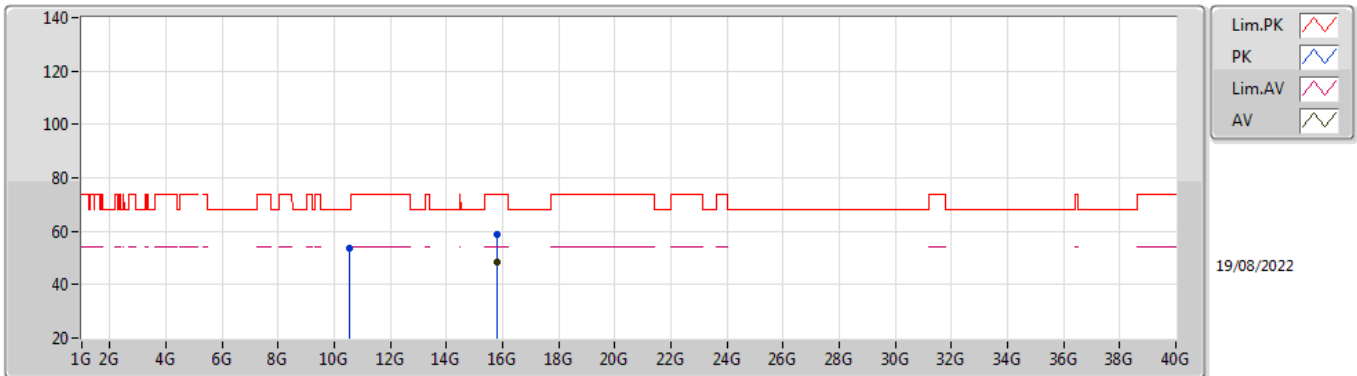
EUT Y\_4TX  
Setting 29  
02-F-G-4

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	10.52G	55.18	68.20	-13.02	40.94	3	Vertical	16	1.00	-	38.58	7.51	31.85
PK	15.7845G	59.88	74.00	-14.12	43.96	3	Vertical	323	1.76	-	37.50	9.90	31.48
AV	15.78186G	46.30	54.00	-7.70	30.38	3	Vertical	323	1.76	-	37.50	9.90	31.48



### 802.11a\_Nss1,(6Mbps)\_4TX

### 5260MHz\_TnomVnom

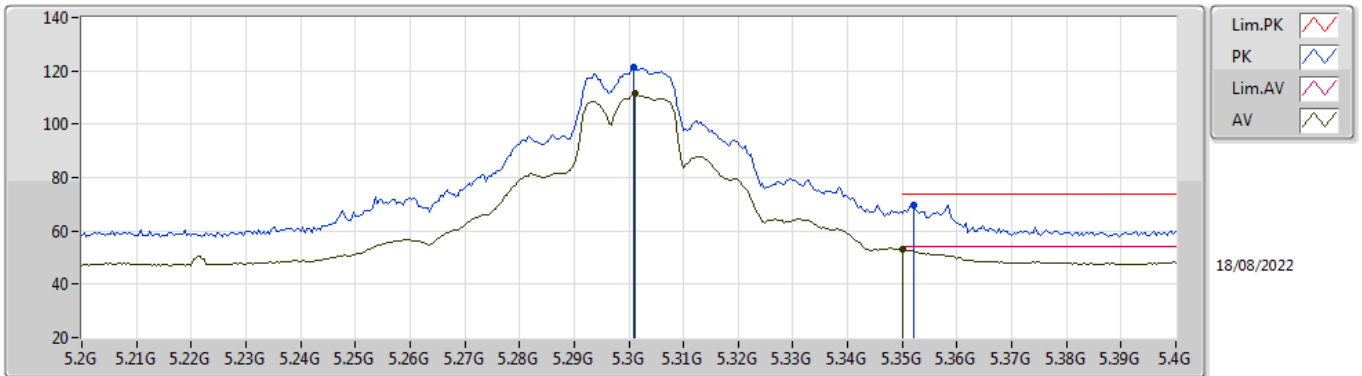


EUT Y\_4TX  
Setting 29  
02-F-G-4

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	10.51788G	53.57	68.20	-14.63	39.33	3	Horizontal	276	1.80	-	38.58	7.51	31.85
PK	15.77966G	58.62	74.00	-15.38	42.70	3	Horizontal	38	1.81	-	37.50	9.90	31.48
AV	15.78252G	48.63	54.00	-5.37	32.71	3	Horizontal	38	1.81	-	37.50	9.90	31.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5300MHz\_TnomVnom

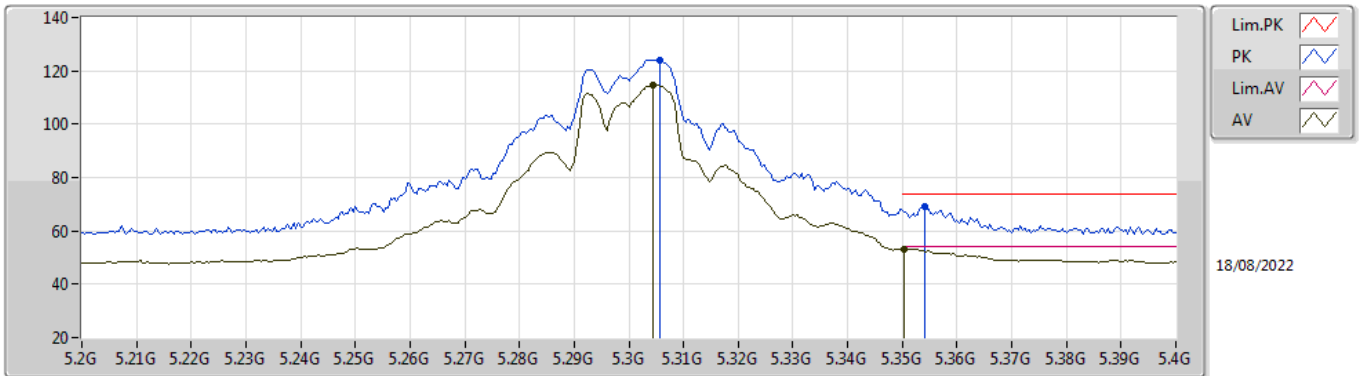


EUT Y\_4TX  
Setting 28  
06-E-S-5-10

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	5.3008G	121.37	Inf	-Inf	115.30	3	Vertical	17	1.62	-	32.90	5.65	32.48
AV	5.3012G	111.30	Inf	-Inf	105.23	3	Vertical	17	1.62	-	32.90	5.65	32.48
PK	5.352G	69.79	74.00	-4.21	63.69	3	Vertical	17	1.62	-	32.90	5.68	32.48
AV	5.35G	52.99	54.00	-1.01	46.89	3	Vertical	17	1.62	-	32.90	5.68	32.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5300MHz\_TnomVnom

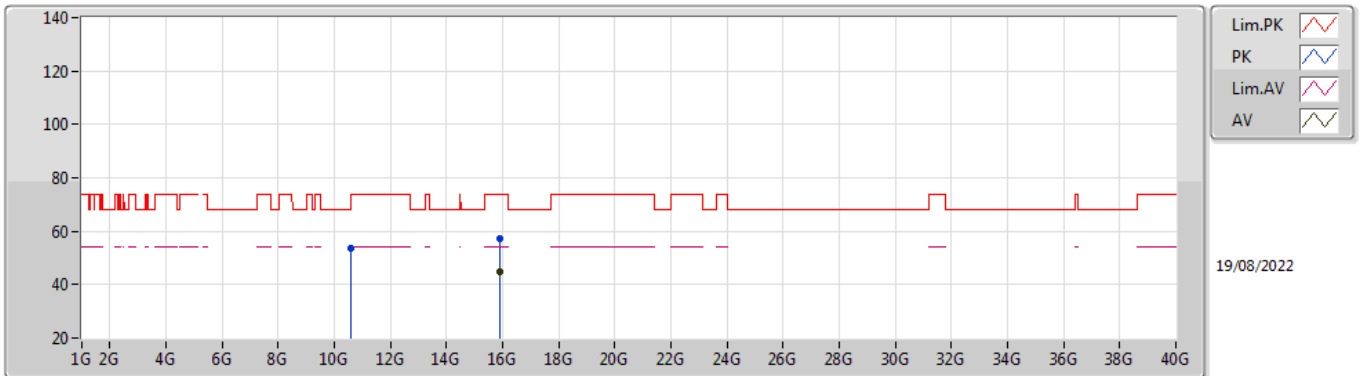


EUT Y\_4TX  
Setting 28  
06-E-S-5-10

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	5.3056G	124.12	Inf	-Inf	118.05	3	Horizontal	56	2.22	-	32.90	5.65	32.48
AV	5.3044G	114.70	Inf	-Inf	108.63	3	Horizontal	56	2.22	-	32.90	5.65	32.48
PK	5.354G	69.18	74.00	-4.82	63.07	3	Horizontal	56	2.22	-	32.91	5.68	32.48
AV	5.3504G	53.23	54.00	-0.77	47.13	3	Horizontal	56	2.22	-	32.90	5.68	32.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5300MHz\_TnomVnom

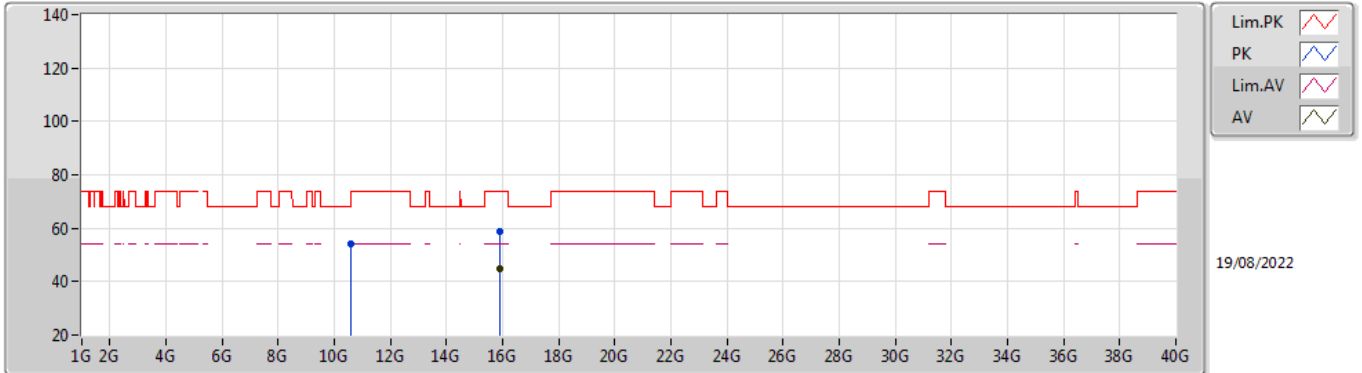


EUT Y\_4TX  
Setting 28  
02-F-G-4

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	10.60006G	53.70	74.00	-20.30	39.52	3	Vertical	17	1.01	-	38.50	7.54	31.86
PK	15.89898G	57.09	74.00	-16.91	41.38	3	Vertical	236	2.80	-	37.30	9.95	31.54
AV	15.89864G	44.97	54.00	-9.03	29.26	3	Vertical	236	2.80	-	37.30	9.95	31.54

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5300MHz\_TnomVnom

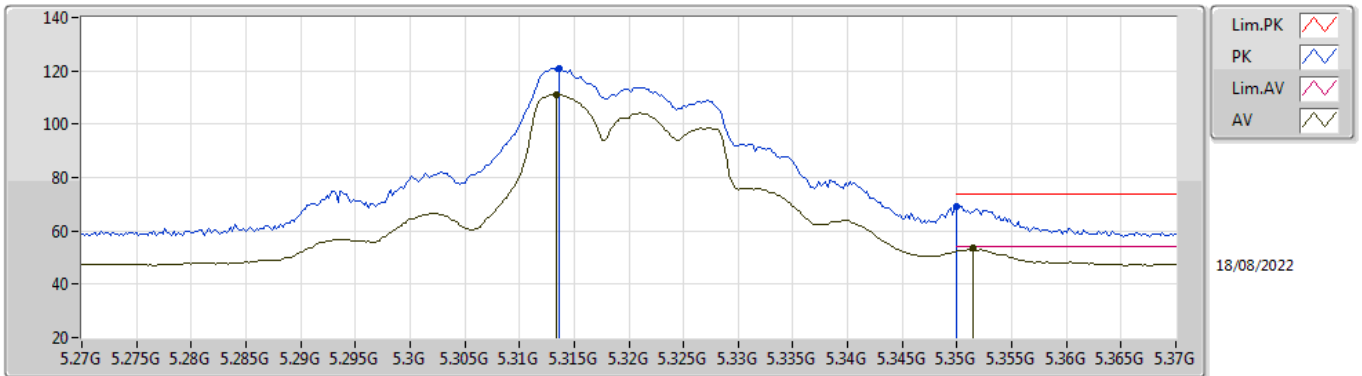


EUT Y\_4TX  
Setting 28  
02-F-G-4

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	10.59952G	54.20	68.20	-14.00	40.02	3	Horizontal	356	1.73	-	38.50	7.54	31.86
PK	15.89864G	58.61	74.00	-15.39	42.90	3	Horizontal	78	1.67	-	37.30	9.95	31.54
AV	15.89754G	44.89	54.00	-9.11	29.18	3	Horizontal	78	1.67	-	37.30	9.95	31.54

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5320MHz\_TnomVnom

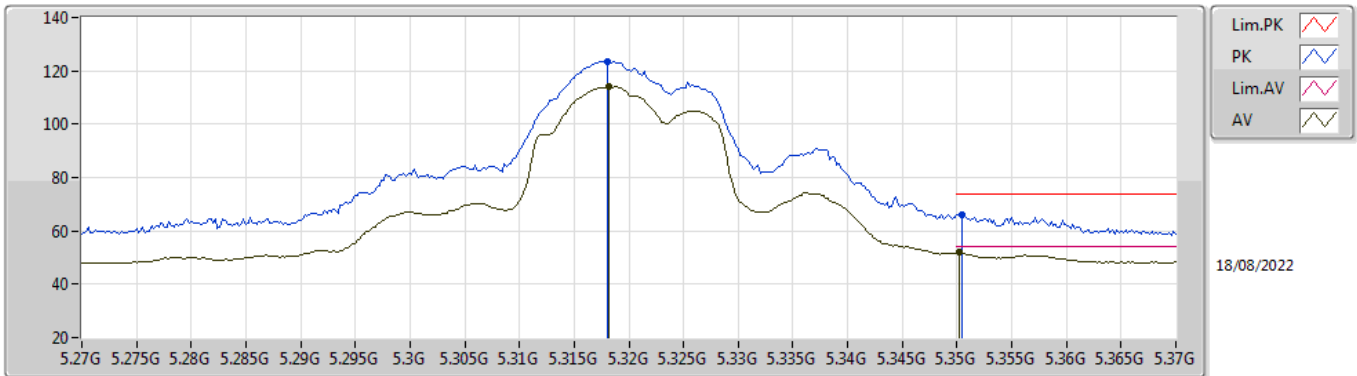


EUT Y\_4TX  
Setting 25  
06-E-S-5-10

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	5.3136G	120.99	Inf	-Inf	114.91	3	Vertical	13	1.75	-	32.90	5.66	32.48
AV	5.3134G	110.94	Inf	-Inf	104.86	3	Vertical	13	1.75	-	32.90	5.66	32.48
PK	5.35G	68.97	74.00	-5.03	62.88	3	Vertical	13	1.75	-	32.90	5.67	32.48
AV	5.3514G	53.53	54.00	-0.47	47.43	3	Vertical	13	1.75	-	32.90	5.68	32.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5320MHz\_TnomVnom

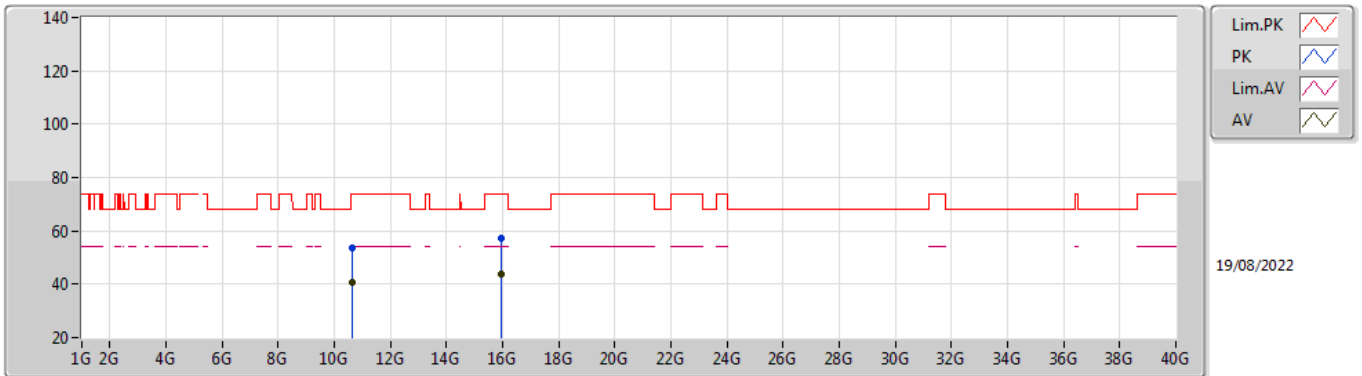


EUT Y\_4TX  
Setting 25  
06-E-S-5-10

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	5.318G	123.40	Inf	-Inf	117.32	3	Horizontal	63	2.24	-	32.90	5.66	32.48
AV	5.3182G	113.93	Inf	-Inf	107.85	3	Horizontal	63	2.24	-	32.90	5.66	32.48
PK	5.3504G	66.19	74.00	-7.81	60.09	3	Horizontal	63	2.24	-	32.90	5.68	32.48
AV	5.3502G	51.87	54.00	-2.13	45.77	3	Horizontal	63	2.24	-	32.90	5.68	32.48

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5320MHz\_TnomVnom



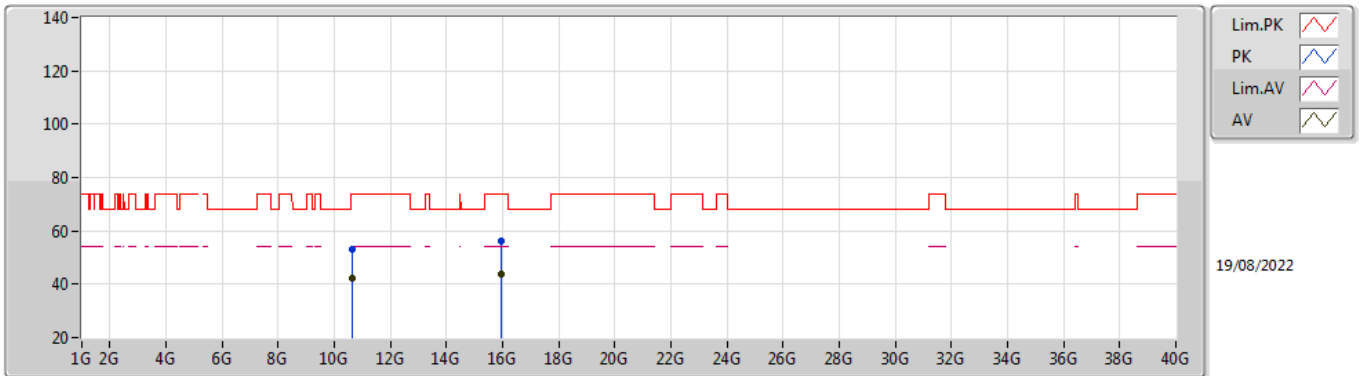
EUT Y\_4TX  
Setting 25  
02-F-G-4

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	10.64002G	53.54	74.00	-20.46	39.35	3	Vertical	13	1.74	-	38.50	7.56	31.87
AV	10.64002G	40.79	54.00	-13.21	26.60	3	Vertical	13	1.74	-	38.50	7.56	31.87
PK	15.96116G	57.29	74.00	-16.71	41.58	3	Vertical	334	2.12	-	37.30	9.98	31.57
AV	15.9646G	43.56	54.00	-10.44	27.85	3	Vertical	334	2.12	-	37.30	9.98	31.57



### 802.11a\_Nss1,(6Mbps)\_4TX

### 5320MHz\_TnomVnom

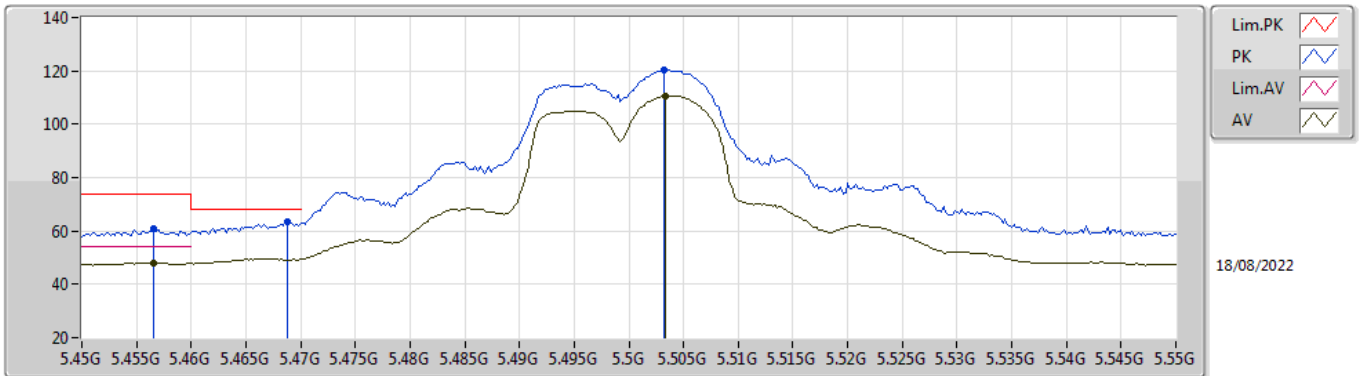


EUT Y\_4TX  
Setting 25  
02-F-G-4

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	10.64G	53.13	74.00	-20.87	38.94	3	Horizontal	355	1.77	-	38.50	7.56	31.87
AV	10.6399G	41.99	54.00	-12.01	27.80	3	Horizontal	355	1.77	-	38.50	7.56	31.87
PK	15.96268G	56.41	74.00	-17.59	40.70	3	Horizontal	334	2.73	-	37.30	9.98	31.57
AV	15.96446G	43.73	54.00	-10.27	28.02	3	Horizontal	334	2.73	-	37.30	9.98	31.57

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5500MHz\_TnomVnom

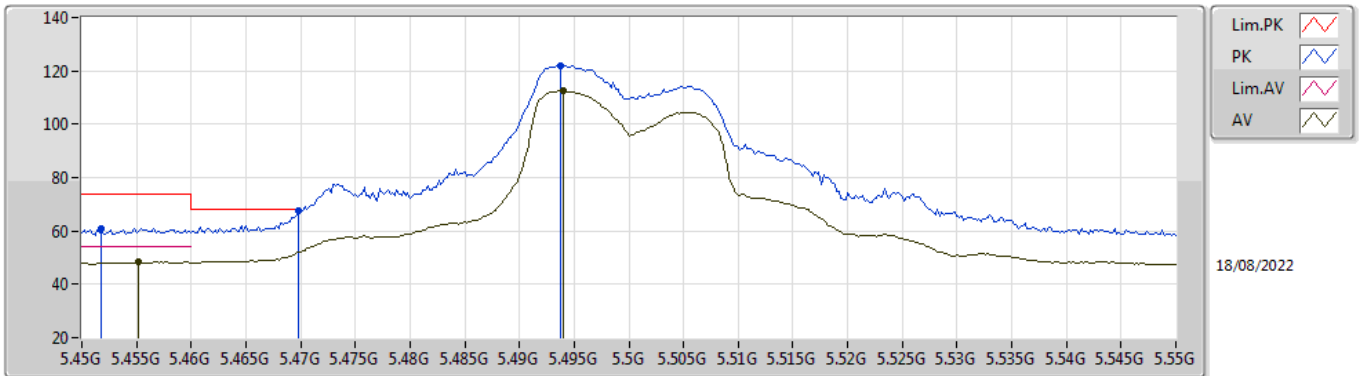


EUT\_V\_4TX  
Setting 23.5  
06-E-S-5-10

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	5.4566G	61.11	74.00	-12.89	54.95	3	Vertical	321	1.77	-	32.89	5.76	32.49
AV	5.4566G	48.07	54.00	-5.93	41.91	3	Vertical	321	1.77	-	32.89	5.76	32.49
PK	5.4688G	63.44	68.20	-4.76	57.31	3	Vertical	321	1.77	-	32.86	5.77	32.50
PK	5.5032G	120.51	Inf	-Inf	114.42	3	Vertical	321	1.77	-	32.79	5.80	32.50
AV	5.5034G	110.73	Inf	-Inf	104.64	3	Vertical	321	1.77	-	32.79	5.80	32.50

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5500MHz\_TnomVnom

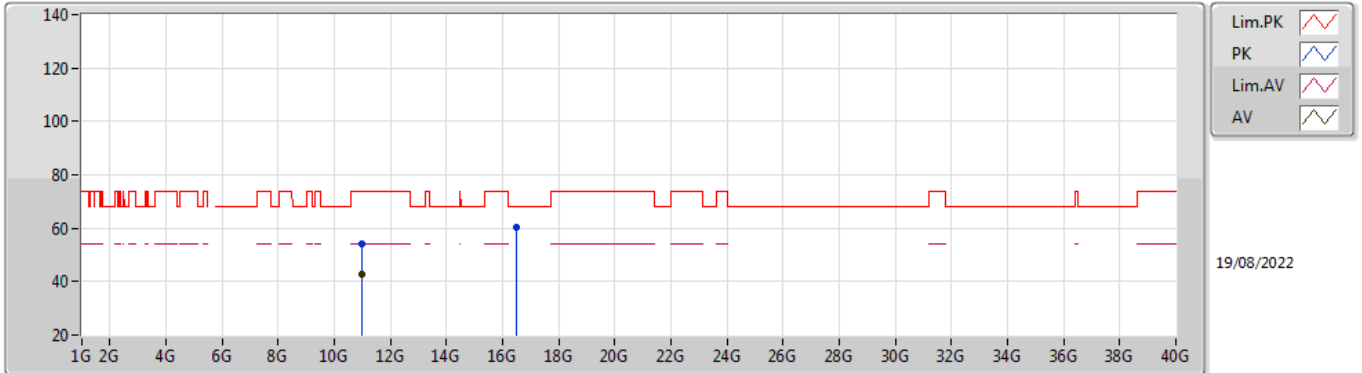


EUT\_V\_4TX  
Setting 23.5  
06-E-S-5-10

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	60.97	74.00	-13.03	54.81	3	Horizontal	313	2.93	-	32.90	5.75	32.49
AV	5.4552G	48.46	54.00	-5.54	42.30	3	Horizontal	313	2.93	-	32.89	5.76	32.49
PK	5.4698G	67.74	68.20	-0.46	61.61	3	Horizontal	313	2.93	-	32.86	5.77	32.50
PK	5.4938G	122.12	Inf	-Inf	116.02	3	Horizontal	313	2.93	-	32.81	5.79	32.50
AV	5.494G	112.45	Inf	-Inf	106.35	3	Horizontal	313	2.93	-	32.81	5.79	32.50

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5500MHz\_TnomVnom

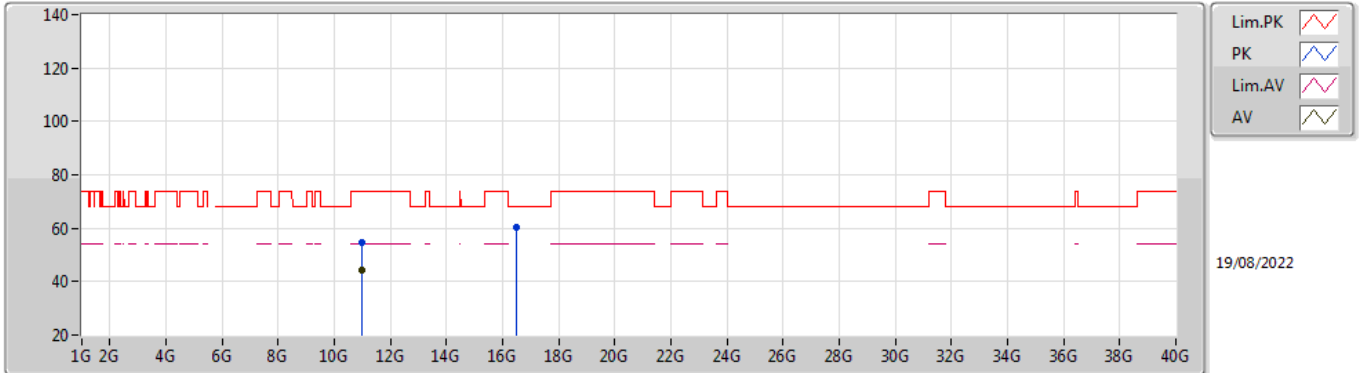


EUT Y\_4TX  
Setting 23.5  
02-F-G-4

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	10.99974G	54.35	74.00	-19.65	39.97	3	Vertical	360	2.04	-	38.60	7.70	31.92
AV	10.99996G	42.92	54.00	-11.08	28.54	3	Vertical	360	2.04	-	38.60	7.70	31.92
PK	16.50068G	60.40	68.20	-7.80	42.03	3	Vertical	285	1.49	-	39.10	10.25	30.98

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5500MHz\_TnomVnom

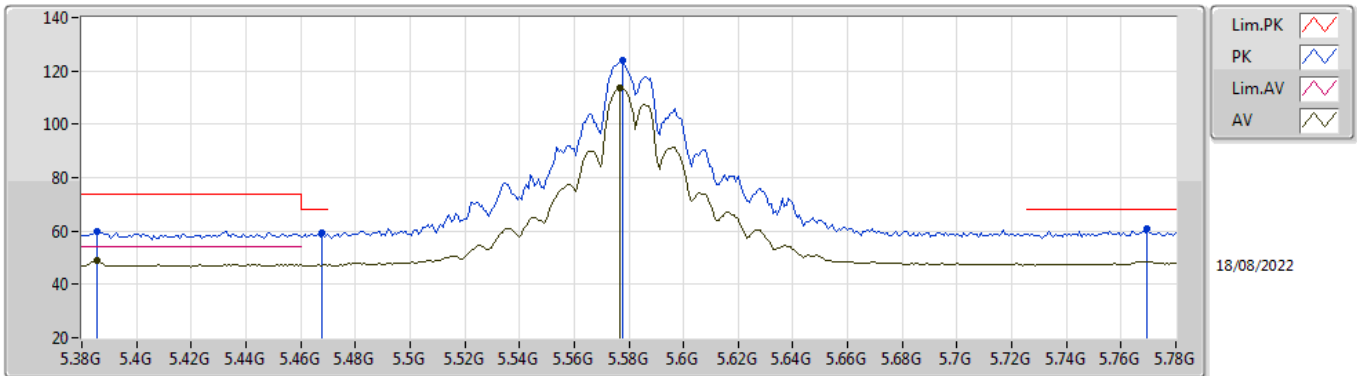


EUT Y\_4TX  
Setting 23.5  
02-F-G-4

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	11.00448G	54.86	74.00	-19.14	40.48	3	Horizontal	60	1.80	-	38.60	7.70	31.92
AV	10.99994G	44.32	54.00	-9.68	29.94	3	Horizontal	60	1.80	-	38.60	7.70	31.92
PK	16.50484G	60.49	68.20	-7.71	42.10	3	Horizontal	345	2.31	-	39.11	10.25	30.97

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5580MHz\_TnomVnom

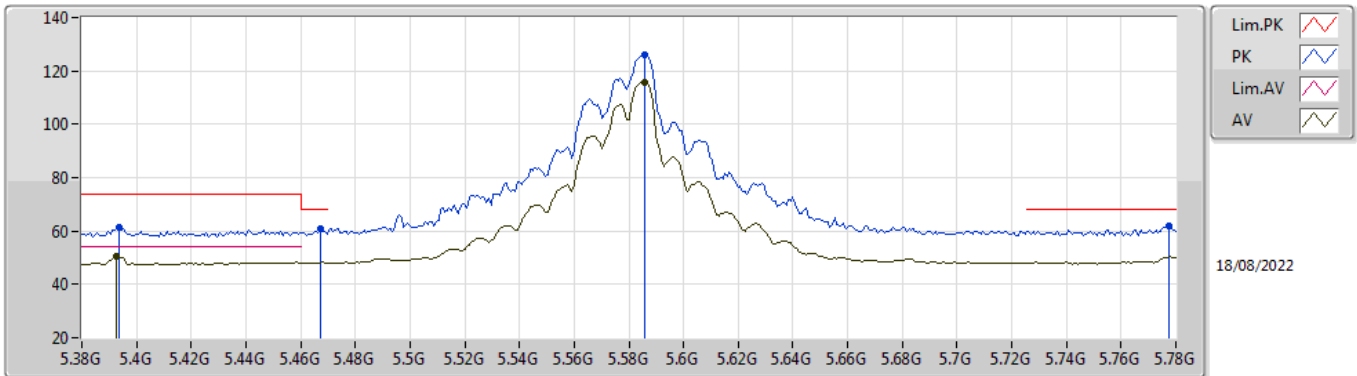


EUT\_V\_4TX  
Setting 29  
06-E-S-5-10

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	5.3856G	59.65	74.00	-14.35	53.48	3	Vertical	1	2.49	-	32.97	5.69	32.49
AV	5.3856G	48.71	54.00	-5.29	42.54	3	Vertical	1	2.49	-	32.97	5.69	32.49
PK	5.468G	59.52	68.20	-8.68	53.39	3	Vertical	1	2.49	-	32.86	5.77	32.50
PK	5.5776G	123.80	Inf	-Inf	117.64	3	Vertical	1	2.49	-	32.76	5.88	32.48
AV	5.5768G	113.71	Inf	-Inf	107.56	3	Vertical	1	2.49	-	32.75	5.88	32.48
PK	5.7696G	61.09	68.20	-7.11	53.82	3	Vertical	1	2.49	-	33.78	5.90	32.41

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5580MHz\_TnomVnom

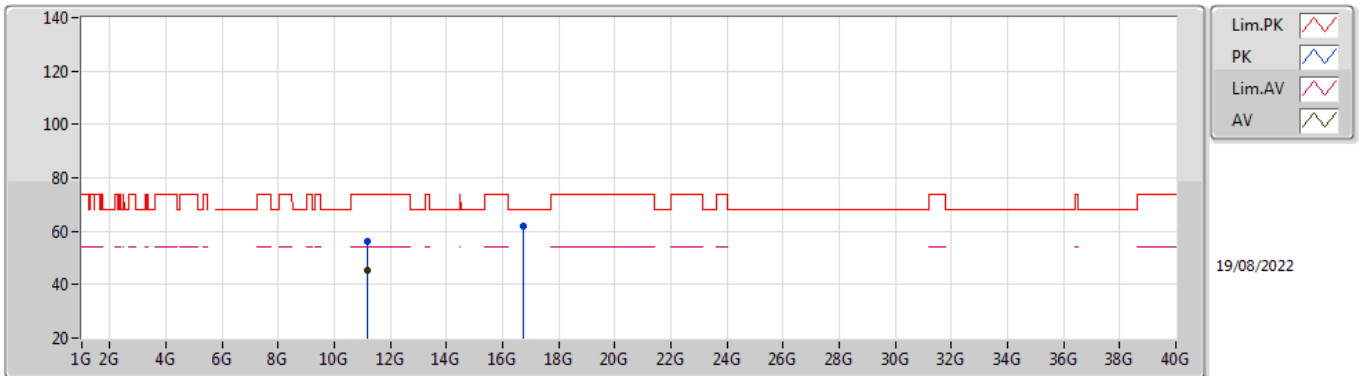


EUT V\_4TX  
Setting 29  
06-E-S-5-10

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	5.3936G	61.36	74.00	-12.64	55.16	3	Horizontal	55	2.56	-	32.99	5.70	32.49
AV	5.3928G	50.30	54.00	-3.70	44.10	3	Horizontal	55	2.56	-	32.99	5.70	32.49
PK	5.4672G	60.98	68.20	-7.22	54.84	3	Horizontal	55	2.56	-	32.87	5.77	32.50
PK	5.5856G	125.91	Inf	-Inf	119.72	3	Horizontal	55	2.56	-	32.77	5.89	32.47
AV	5.5856G	115.83	Inf	-Inf	109.64	3	Horizontal	55	2.56	-	32.77	5.89	32.47
PK	5.7776G	61.65	68.20	-6.55	54.35	3	Horizontal	55	2.56	-	33.81	5.90	32.41

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5580MHz\_TnomVnom



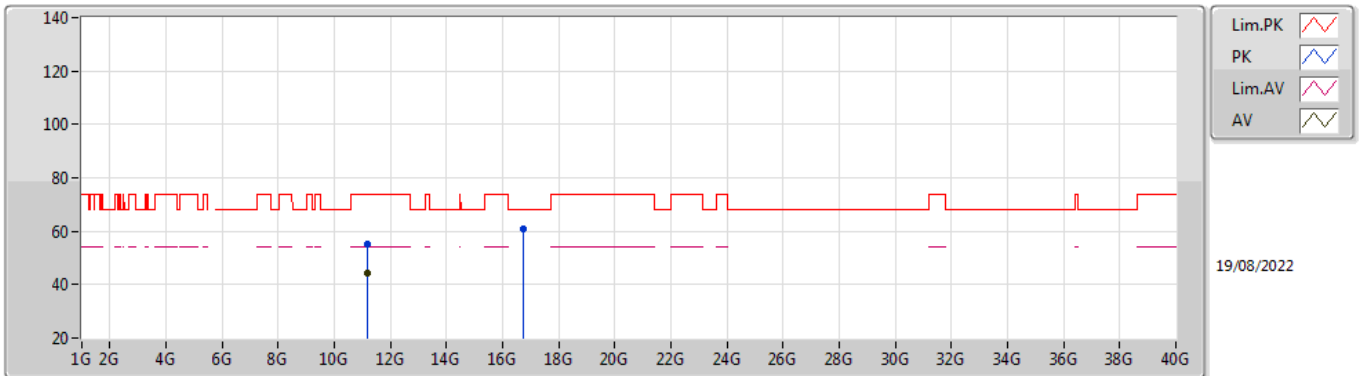
EUT Y\_4TX  
Setting 29  
02-F-G-4

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	11.16468G	56.01	74.00	-17.99	41.47	3	Vertical	354	2.07	-	38.76	7.77	31.99
AV	11.15994G	45.32	54.00	-8.68	30.78	3	Vertical	354	2.07	-	38.76	7.76	31.98
PK	16.74266G	61.89	68.20	-6.31	42.21	3	Vertical	99	2.93	-	39.94	10.37	30.63



### 802.11a\_Nss1,(6Mbps)\_4TX

### 5580MHz\_TnomVnom

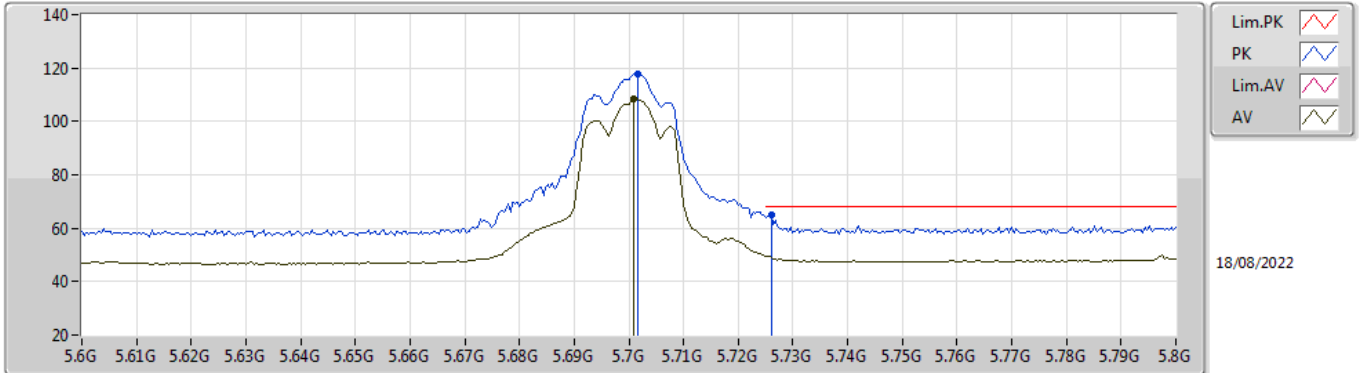


EUT Y\_4TX  
Setting 29  
02-F-G-4

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	11.15998G	55.06	74.00	-18.94	40.52	3	Horizontal	18	1.80	-	38.76	7.76	31.98
AV	11.16G	44.06	54.00	-9.94	29.52	3	Horizontal	18	1.80	-	38.76	7.76	31.98
PK	16.74204G	60.78	68.20	-7.42	41.10	3	Horizontal	17	1.84	-	39.94	10.37	30.63

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5700MHz\_TnomVnom

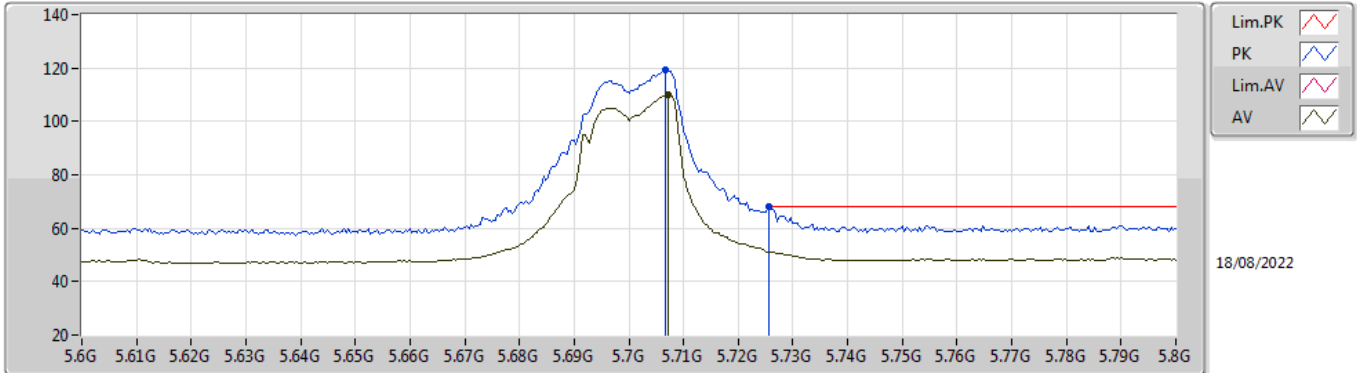


EUT Y\_4TX  
Setting 22  
06-E-S-5-10

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	5.7016G	117.59	Inf	-Inf	110.82	3	Vertical	58	1.80	-	33.31	5.90	32.44
AV	5.7008G	108.43	Inf	-Inf	101.66	3	Vertical	58	1.80	-	33.31	5.90	32.44
PK	5.726G	65.07	68.20	-3.13	58.09	3	Vertical	58	1.80	-	33.51	5.90	32.43

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5700MHz\_TnomVnom

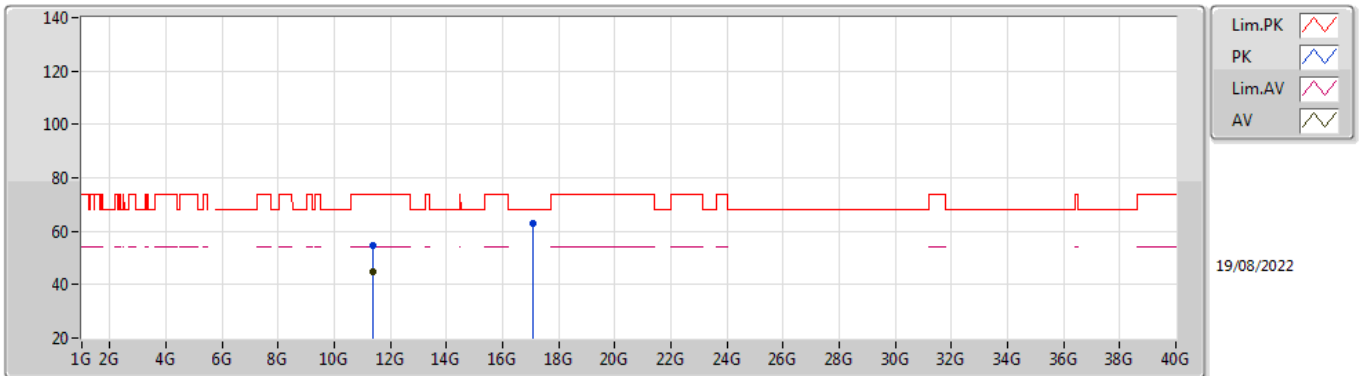


EUT Y\_4TX  
Setting 22  
06-E-S-5-10

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	5.7068G	119.16	Inf	-Inf	112.34	3	Horizontal	301	2.13	-	33.35	5.90	32.43
AV	5.7072G	109.87	Inf	-Inf	103.04	3	Horizontal	301	2.13	-	33.36	5.90	32.43
PK	5.7256G	67.89	68.20	-0.31	60.92	3	Horizontal	301	2.13	-	33.50	5.90	32.43

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5700MHz\_TnomVnom

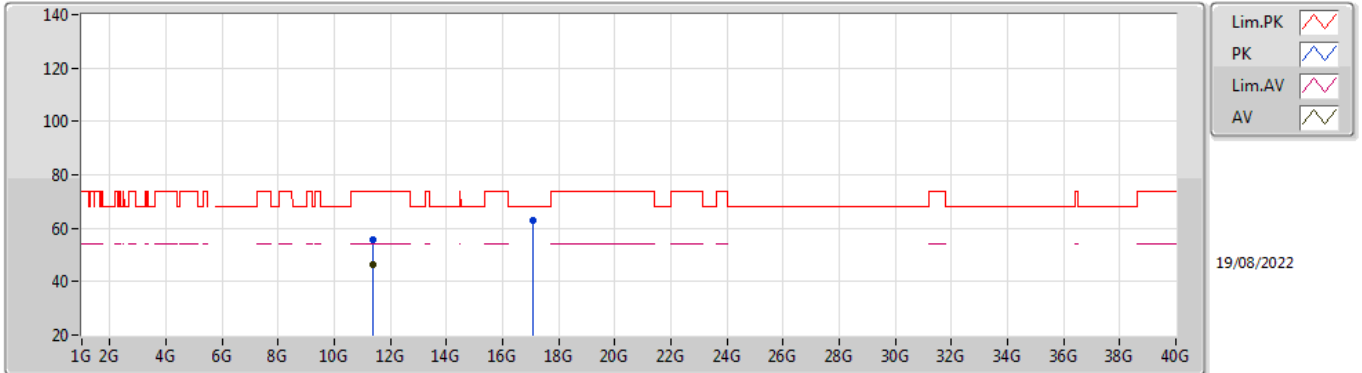


EUT Y\_4TX  
Setting 22  
02-F-G-4

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	11.40006G	54.40	74.00	-19.60	39.82	3	Vertical	10	1.15	-	38.80	7.86	32.08
AV	11.39999G	44.90	54.00	-9.10	30.32	3	Vertical	10	1.15	-	38.80	7.86	32.08
PK	17.0987G	63.18	68.20	-5.02	41.49	3	Vertical	51	2.19	-	41.39	10.55	30.25

### 802.11a\_Nss1,(6Mbps)\_4TX

### 5700MHz\_TnomVnom

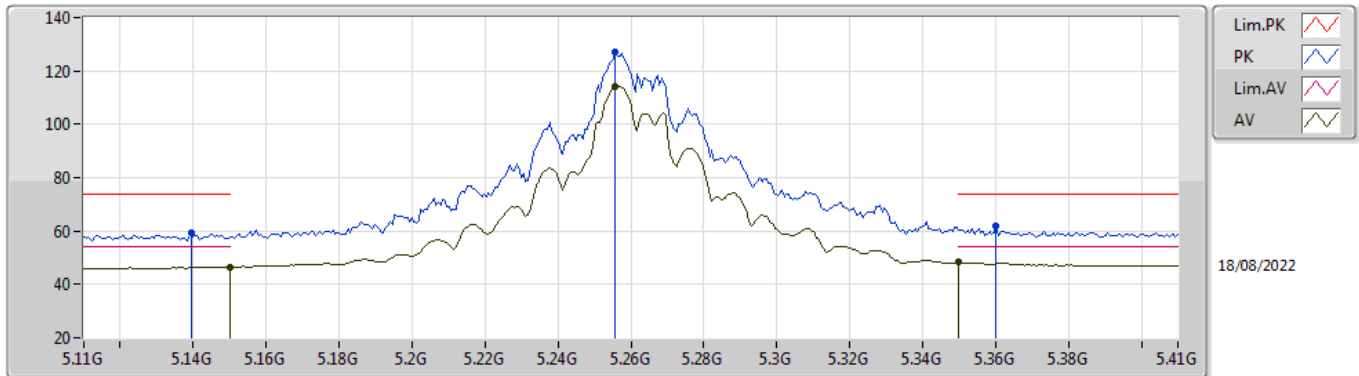


EUT Y\_4TX  
Setting 22  
02-F-G-4

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	11.40002G	55.45	74.00	-18.55	40.87	3	Horizontal	249	1.38	-	38.80	7.86	32.08
AV	11.4G	46.44	54.00	-7.56	31.86	3	Horizontal	249	1.38	-	38.80	7.86	32.08
PK	17.09774G	62.69	68.20	-5.51	41.00	3	Horizontal	255	2.11	-	41.39	10.55	30.25

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5260MHz\_TnomVnom

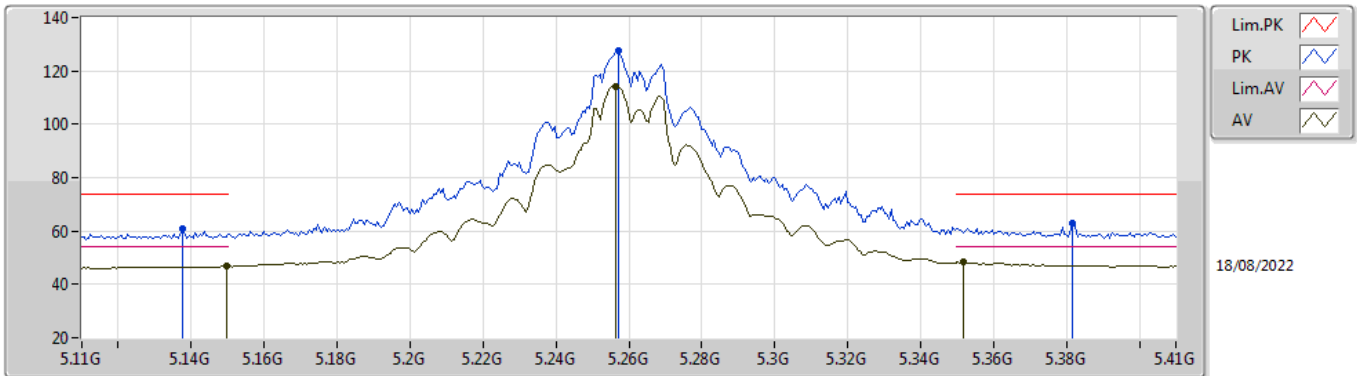


EUT\_V\_4TX  
Setting 29  
06-E-S-5-10

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	5.1394G	59.33	74.00	-14.67	53.23	3	Vertical	17	1.69	-	33.02	5.54	32.46
AV	5.15G	46.54	54.00	-7.46	40.45	3	Vertical	17	1.69	-	33.00	5.55	32.46
PK	5.2558G	126.90	Inf	-Inf	120.84	3	Vertical	17	1.69	-	32.90	5.63	32.47
AV	5.2558G	114.16	Inf	-Inf	108.10	3	Vertical	17	1.69	-	32.90	5.63	32.47
PK	5.3602G	61.73	74.00	-12.27	55.61	3	Vertical	17	1.69	-	32.92	5.68	32.48
AV	5.35G	48.32	54.00	-5.68	42.22	3	Vertical	17	1.69	-	32.90	5.68	32.48

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5260MHz\_TnomVnom

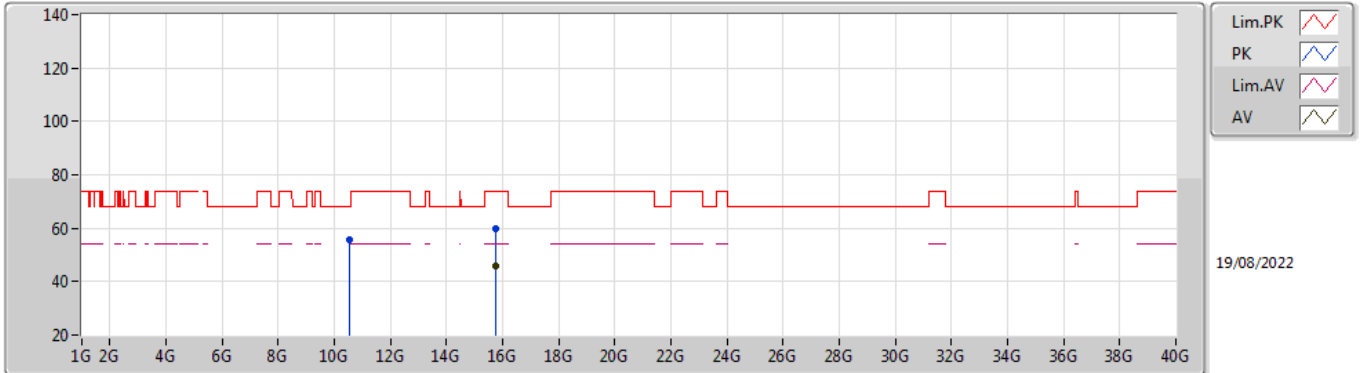


EUT\_V\_4TX  
Setting 29  
06-E-S-5-10

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	5.1376G	60.69	74.00	-13.31	54.59	3	Horizontal	6	1.56	-	33.02	5.54	32.46
AV	5.1496G	46.76	54.00	-7.24	40.67	3	Horizontal	6	1.56	-	33.00	5.55	32.46
PK	5.257G	127.63	Inf	-Inf	121.57	3	Horizontal	6	1.56	-	32.90	5.63	32.47
AV	5.2564G	114.24	Inf	-Inf	108.18	3	Horizontal	6	1.56	-	32.90	5.63	32.47
PK	5.3818G	62.81	74.00	-11.19	56.65	3	Horizontal	6	1.56	-	32.96	5.69	32.49
AV	5.3518G	48.22	54.00	-5.78	42.12	3	Horizontal	6	1.56	-	32.90	5.68	32.48

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5260MHz\_TnomVnom



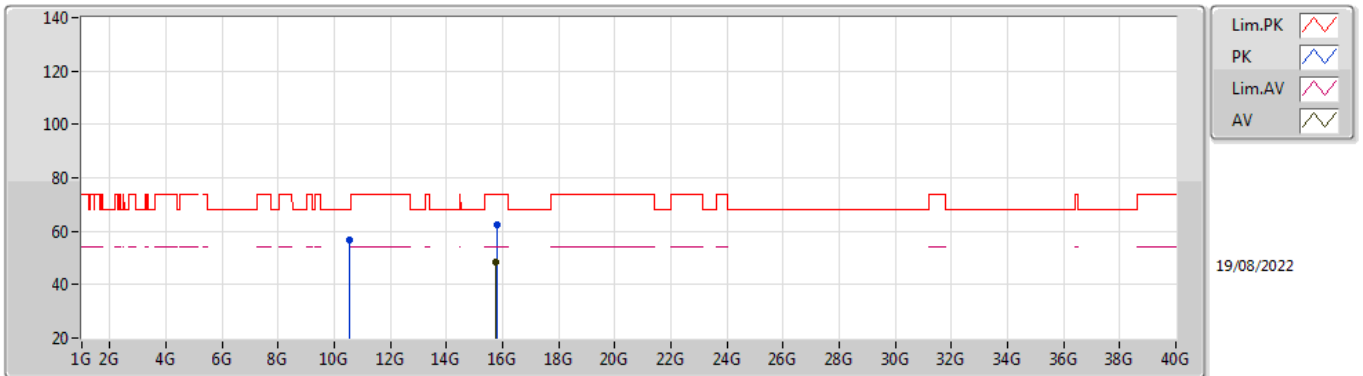
EUT Y\_4TX  
Setting 29  
02-F-G-4

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	10.51989G	55.44	68.20	-12.76	41.20	3	Vertical	19	1.00	-	38.58	7.51	31.85
PK	15.77828G	60.06	74.00	-13.94	44.13	3	Vertical	322	1.82	-	37.50	9.90	31.47
AV	15.77492G	46.08	54.00	-7.92	30.15	3	Vertical	322	1.82	-	37.50	9.90	31.47



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5260MHz\_TnomVnom

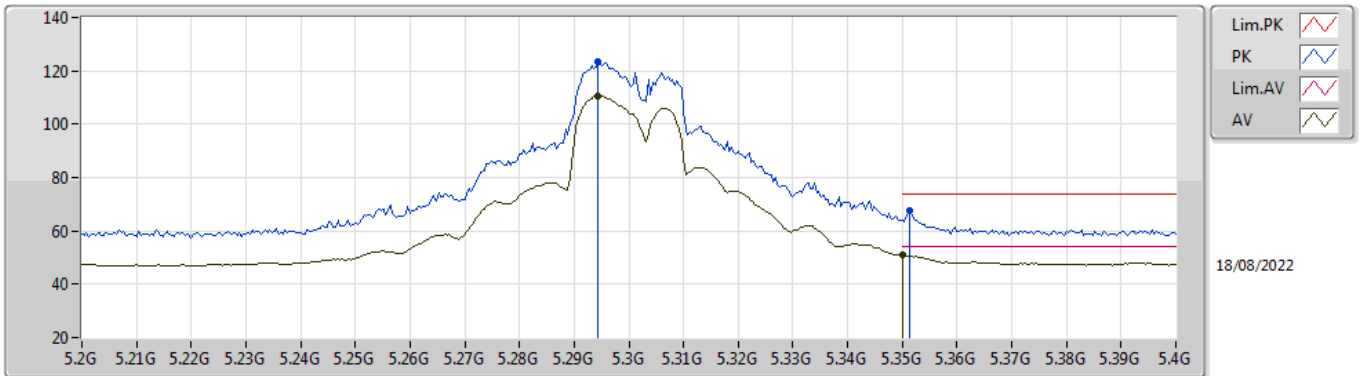


EUT Y\_4TX  
Setting 29  
02-F-G-4

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	10.51892G	56.66	68.20	-11.54	42.42	3	Horizontal	357	1.78	-	38.58	7.51	31.85
PK	15.78042G	62.39	74.00	-11.61	46.47	3	Horizontal	349	1.91	-	37.50	9.90	31.48
AV	15.77538G	48.31	54.00	-5.69	32.38	3	Horizontal	349	1.91	-	37.50	9.90	31.47

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5300MHz\_TnomVnom

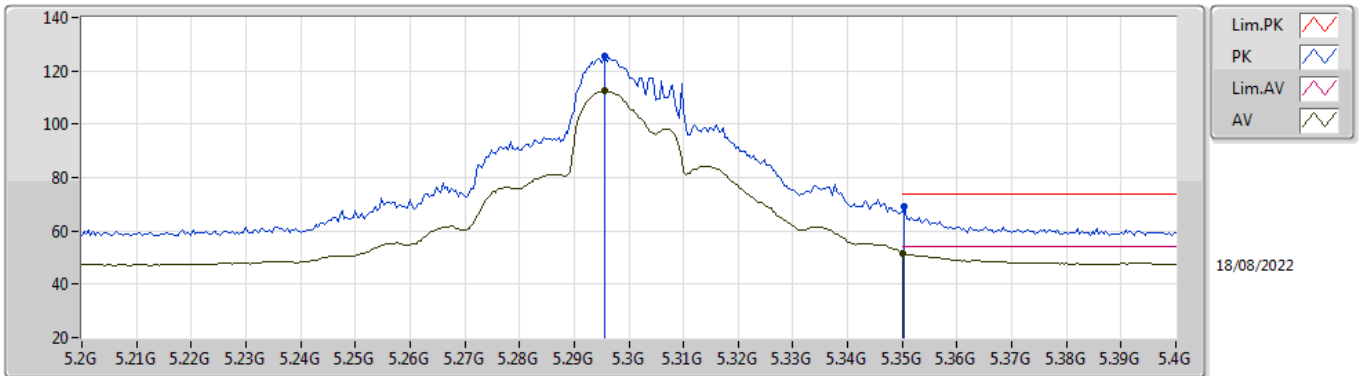


EUT Y\_4TX  
Setting 27  
06-E-S-5-10

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	5.2944G	123.44	Inf	-Inf	117.37	3	Vertical	16	1.85	-	32.90	5.65	32.48
AV	5.2944G	110.62	Inf	-Inf	104.55	3	Vertical	16	1.85	-	32.90	5.65	32.48
PK	5.3512G	67.59	74.00	-6.41	61.49	3	Vertical	16	1.85	-	32.90	5.68	32.48
AV	5.35G	50.92	54.00	-3.08	44.82	3	Vertical	16	1.85	-	32.90	5.68	32.48

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5300MHz\_TnomVnom

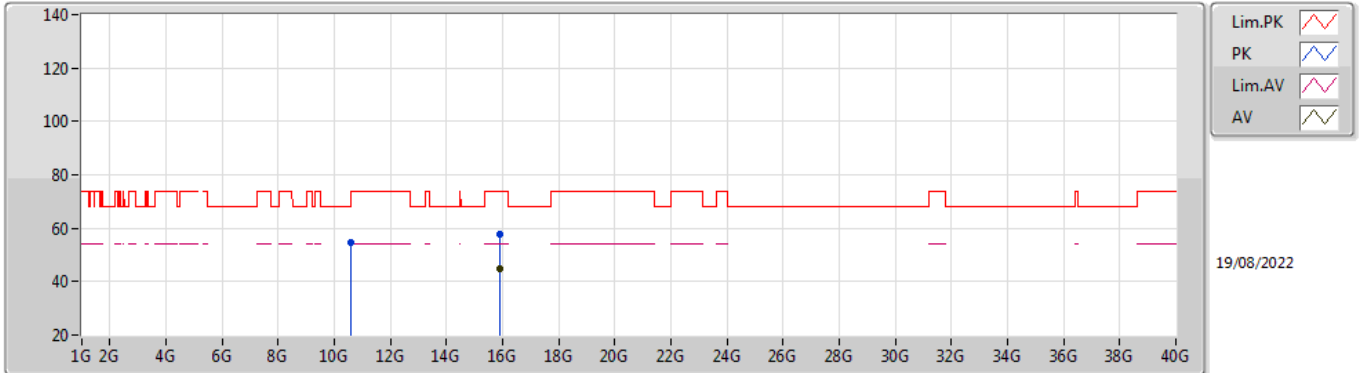


EUT Y\_4TX  
Setting 27  
06-E-S-5-10

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	5.2956G	125.28	Inf	-Inf	119.21	3	Horizontal	341	1.80	-	32.90	5.65	32.48
AV	5.2956G	112.45	Inf	-Inf	106.38	3	Horizontal	341	1.80	-	32.90	5.65	32.48
PK	5.3504G	69.38	74.00	-4.62	63.28	3	Horizontal	341	1.80	-	32.90	5.68	32.48
AV	5.35G	51.67	54.00	-2.33	45.57	3	Horizontal	341	1.80	-	32.90	5.68	32.48

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5300MHz\_TnomVnom

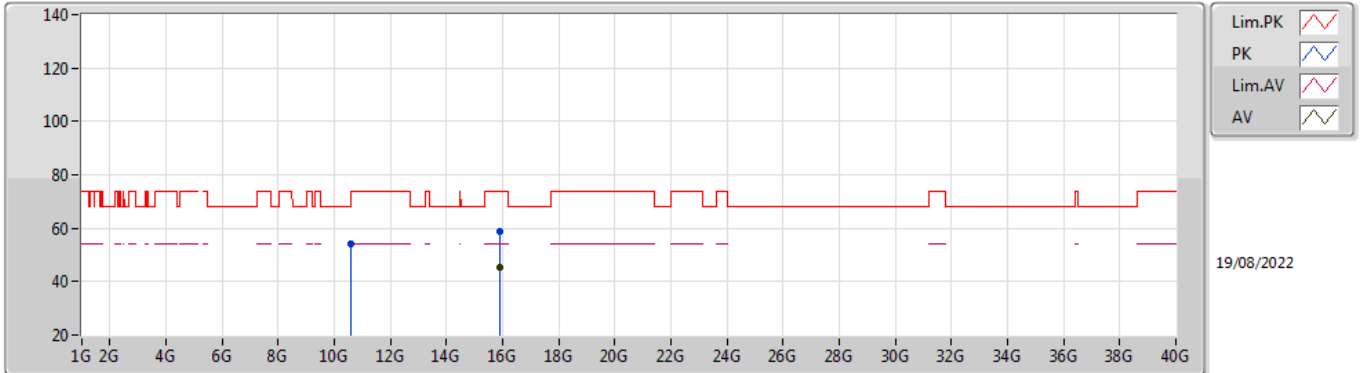


EUT Y\_4TX  
Setting 27  
02-F-G-4

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	10.59993G	54.68	68.20	-13.52	40.50	3	Vertical	19	1.00	-	38.50	7.54	31.86
PK	15.90372G	57.76	74.00	-16.24	42.04	3	Vertical	46	2.23	-	37.30	9.96	31.54
AV	15.89502G	44.90	54.00	-9.10	29.18	3	Vertical	46	2.23	-	37.31	9.95	31.54

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5300MHz\_TnomVnom

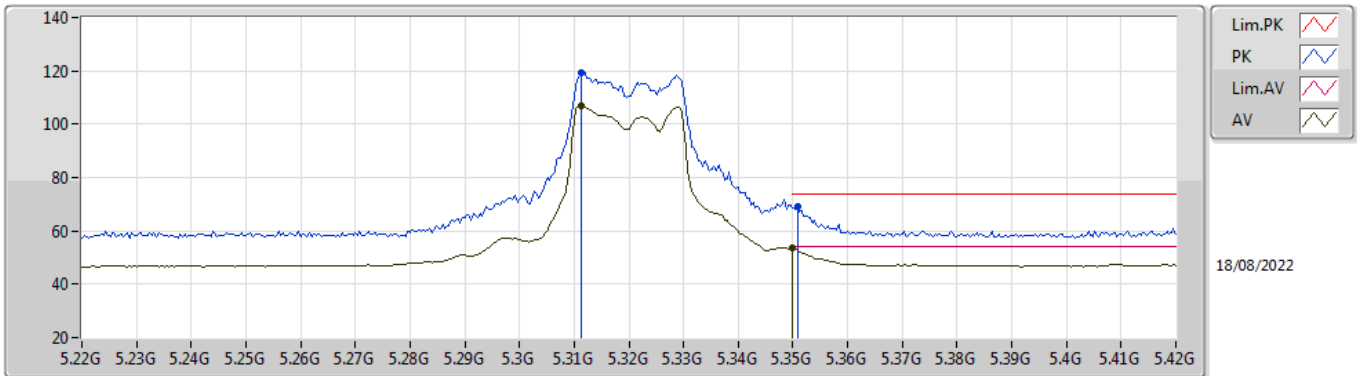


EUT Y\_4TX  
Setting 27  
02-F-G-4

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	10.59997G	54.11	68.20	-14.09	39.93	3	Horizontal	355	1.74	-	38.50	7.54	31.86
PK	15.90328G	58.85	74.00	-15.15	43.13	3	Horizontal	145	2.93	-	37.30	9.96	31.54
AV	15.9026G	45.16	54.00	-8.84	29.44	3	Horizontal	145	2.93	-	37.30	9.96	31.54

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5320MHz\_TnomVnom

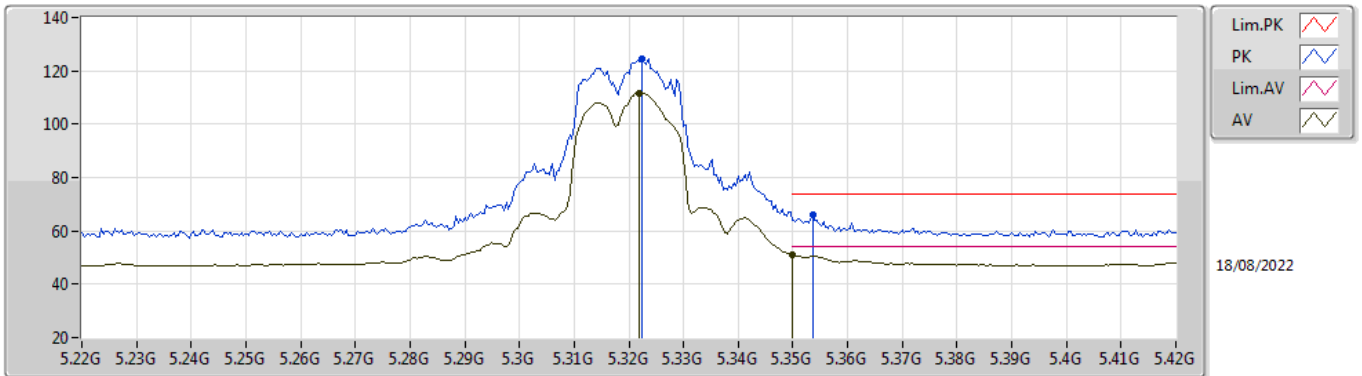


EUT Y\_4TX  
Setting 24  
06-E-S-5-10

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	5.3112G	119.27	Inf	-Inf	113.19	3	Vertical	12	1.80	-	32.90	5.66	32.48
AV	5.3112G	107.07	Inf	-Inf	100.99	3	Vertical	12	1.80	-	32.90	5.66	32.48
PK	5.3508G	69.25	74.00	-4.75	63.15	3	Vertical	12	1.80	-	32.90	5.68	32.48
AV	5.35G	53.64	54.00	-0.36	47.55	3	Vertical	12	1.80	-	32.90	5.67	32.48

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5320MHz\_TnomVnom

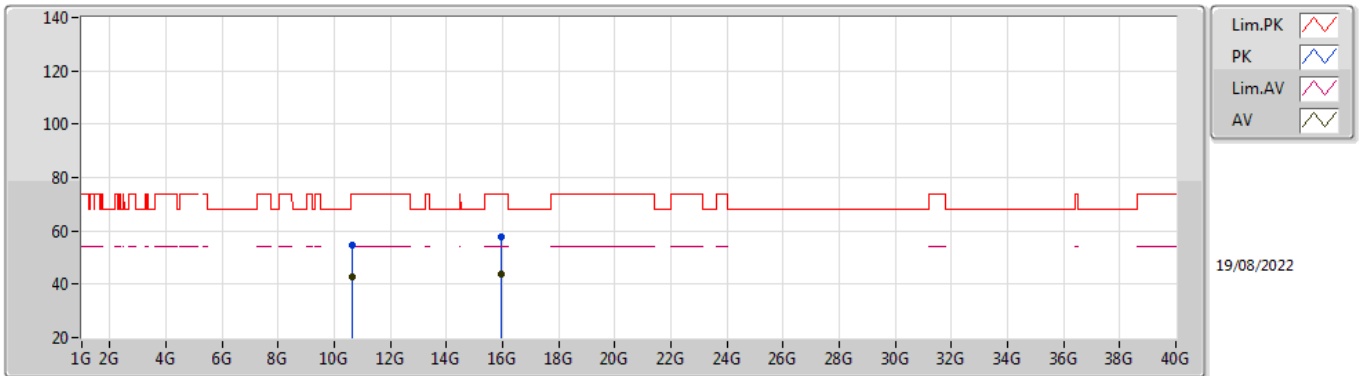


EUT Y\_4TX  
Setting 24  
06-E-S-5-10

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	5.3224G	124.36	Inf	-Inf	118.28	3	Horizontal	57	2.53	-	32.90	5.66	32.48
AV	5.322G	111.72	Inf	-Inf	105.64	3	Horizontal	57	2.53	-	32.90	5.66	32.48
PK	5.3536G	65.83	74.00	-8.17	59.72	3	Horizontal	57	2.53	-	32.91	5.68	32.48
AV	5.35G	51.03	54.00	-2.97	44.93	3	Horizontal	57	2.53	-	32.90	5.68	32.48

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5320MHz\_TnomVnom



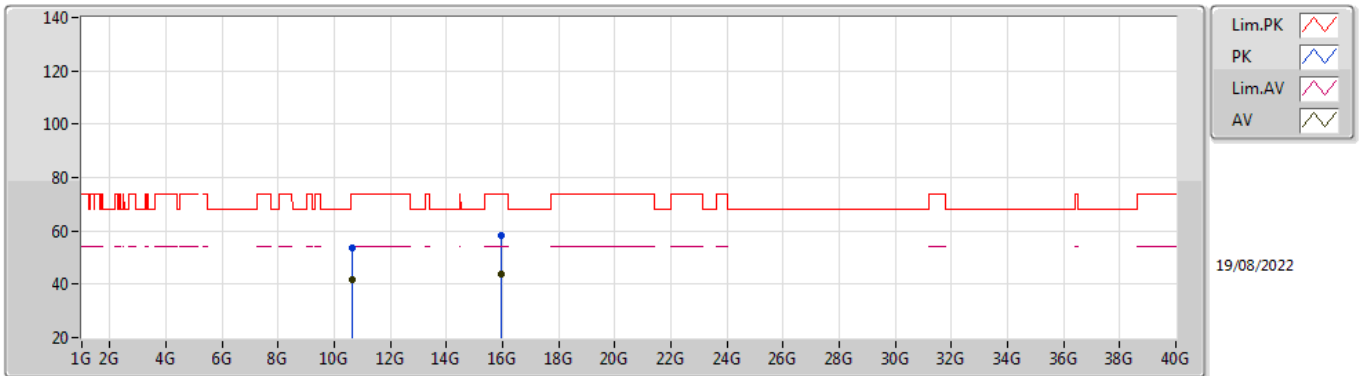
EUT Y\_4TX  
Setting 24  
02-F-G-4

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	10.63936G	54.81	74.00	-19.19	40.62	3	Vertical	17	1.00	-	38.50	7.56	31.87
AV	10.63999G	42.70	54.00	-11.30	28.51	3	Vertical	17	1.00	-	38.50	7.56	31.87
PK	15.96178G	57.79	74.00	-16.21	42.08	3	Vertical	278	2.94	-	37.30	9.98	31.57
AV	15.9619G	44.05	54.00	-9.95	28.34	3	Vertical	278	2.94	-	37.30	9.98	31.57



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5320MHz\_TnomVnom

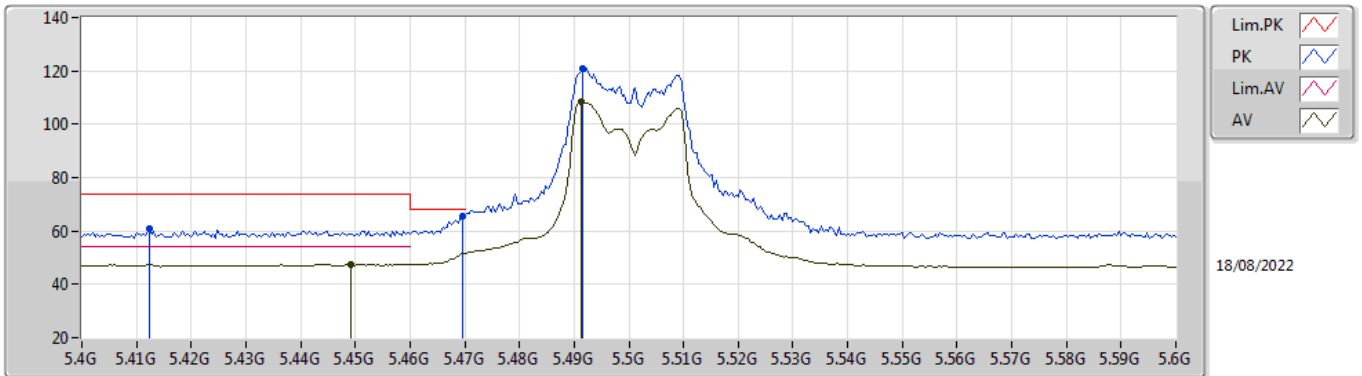


EUT Y\_4TX  
Setting 24  
02-F-G-4

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	10.64013G	53.38	74.00	-20.62	39.19	3	Horizontal	52	1.80	-	38.50	7.56	31.87
AV	10.63997G	41.56	54.00	-12.44	27.37	3	Horizontal	52	1.80	-	38.50	7.56	31.87
PK	15.96268G	58.16	74.00	-15.84	42.45	3	Horizontal	298	2.08	-	37.30	9.98	31.57
AV	15.96484G	43.81	54.00	-10.19	28.10	3	Horizontal	298	2.08	-	37.30	9.98	31.57

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5500MHz\_TnomVnom

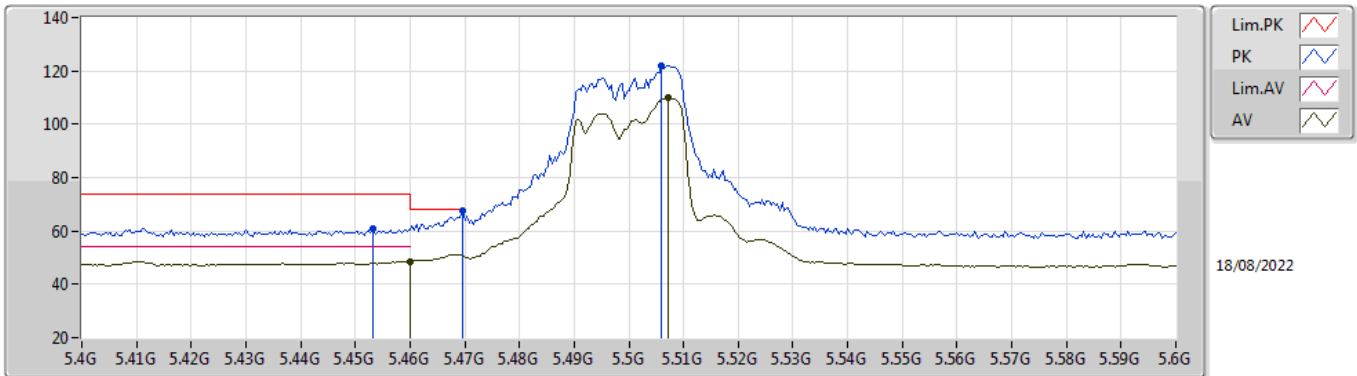


EUT Y\_4TX  
Setting 23  
06-E-S-5-10

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	5.4124G	60.80	74.00	-13.20	54.60	3	Vertical	12	1.95	-	32.98	5.71	32.49
PK	5.4696G	65.69	68.20	-2.51	59.56	3	Vertical	12	1.95	-	32.86	5.77	32.50
AV	5.4492G	47.50	54.00	-6.50	41.34	3	Vertical	12	1.95	-	32.90	5.75	32.49
PK	5.4916G	121.03	Inf	-Inf	114.92	3	Vertical	12	1.95	-	32.82	5.79	32.50
AV	5.4912G	108.19	Inf	-Inf	102.08	3	Vertical	12	1.95	-	32.82	5.79	32.50

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5500MHz\_TnomVnom

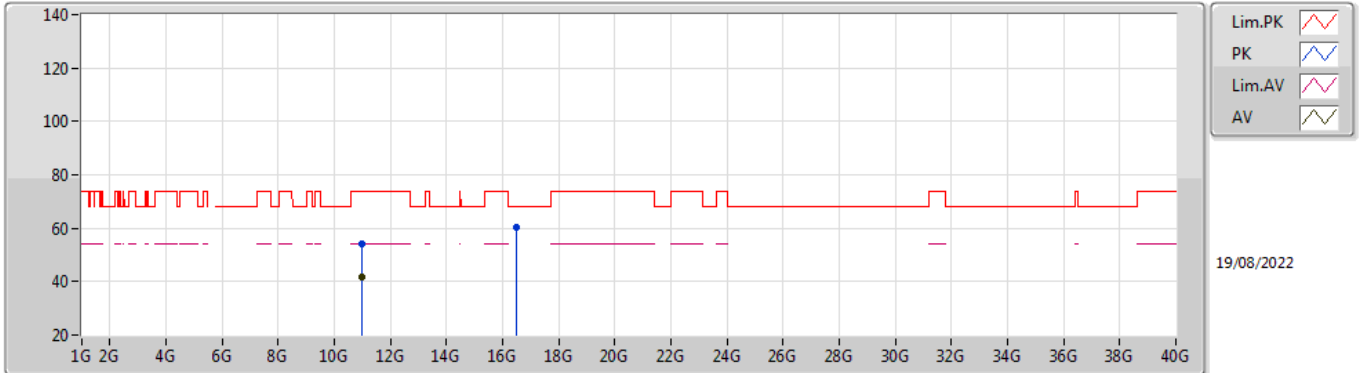


EUT Y\_4TX  
Setting 23  
06-E-S-5-10

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	5.4532G	60.91	74.00	-13.09	54.76	3	Horizontal	54	1.80	-	32.89	5.75	32.49
AV	5.46G	48.69	54.00	-5.31	42.55	3	Horizontal	54	1.80	-	32.88	5.76	32.50
PK	5.4696G	67.78	68.20	-0.42	61.65	3	Horizontal	54	1.80	-	32.86	5.77	32.50
PK	5.506G	121.93	Inf	-Inf	115.83	3	Horizontal	54	1.80	-	32.79	5.81	32.50
AV	5.5072G	110.00	Inf	-Inf	103.90	3	Horizontal	54	1.80	-	32.79	5.81	32.50

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5500MHz\_TnomVnom

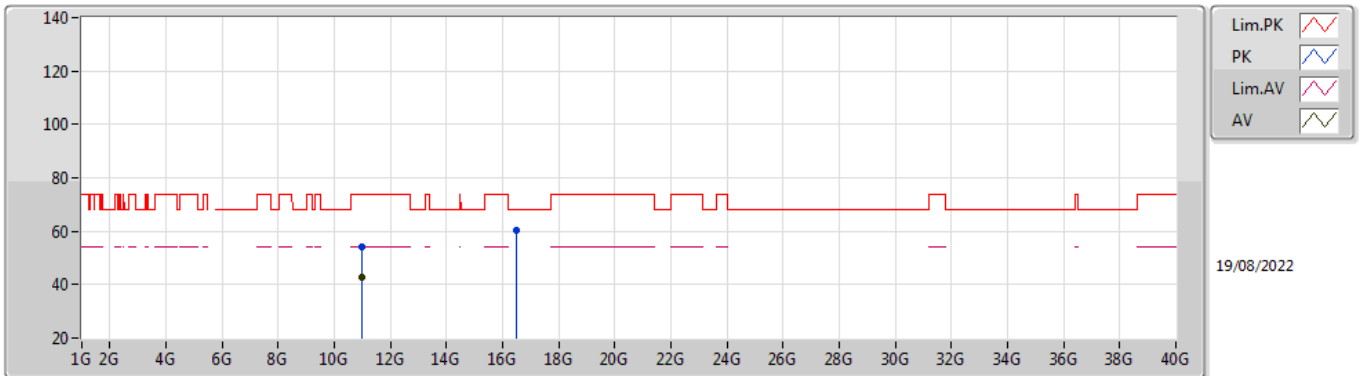


EUT Y\_4TX  
Setting 23  
02-F-G-4

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	11.00001G	54.05	74.00	-19.95	39.67	3	Vertical	354	2.25	-	38.60	7.70	31.92
AV	10.99994G	41.83	54.00	-12.17	27.45	3	Vertical	354	2.25	-	38.60	7.70	31.92
PK	16.5021G	60.21	68.20	-7.99	41.83	3	Vertical	204	1.91	-	39.11	10.25	30.98

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5500MHz\_TnomVnom

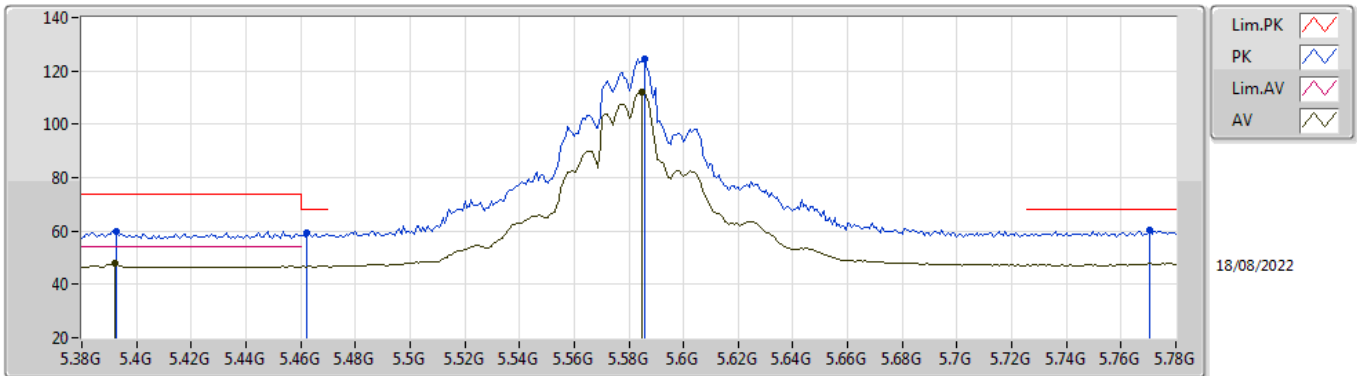


EUT Y\_4TX  
Setting 23  
02-F-G-4

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	11.0007G	54.36	74.00	-19.64	39.98	3	Horizontal	62	1.80	-	38.60	7.70	31.92
AV	10.99993G	43.01	54.00	-10.99	28.63	3	Horizontal	62	1.80	-	38.60	7.70	31.92
PK	16.49594G	60.53	68.20	-7.67	42.19	3	Horizontal	298	1.01	-	39.07	10.25	30.98

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5580MHz\_TnomVnom

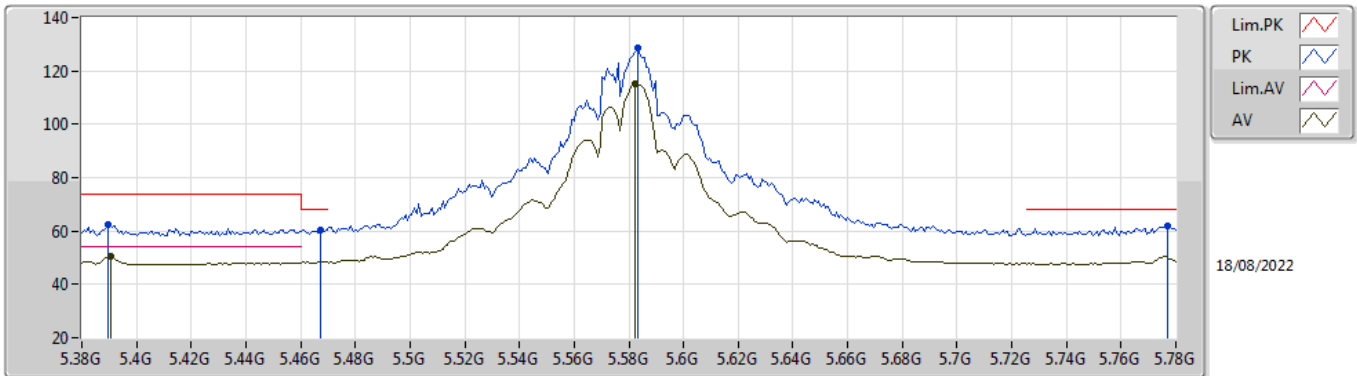


EUT Y\_4TX  
Setting 29  
06-E-S-5-10

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	5.3928G	59.94	74.00	-14.06	53.74	3	Vertical	62	1.80	-	32.99	5.70	32.49
AV	5.392G	47.84	54.00	-6.16	41.65	3	Vertical	62	1.80	-	32.98	5.70	32.49
PK	5.4624G	59.09	68.20	-9.11	52.95	3	Vertical	62	1.80	-	32.88	5.76	32.50
PK	5.5856G	124.46	Inf	-Inf	118.27	3	Vertical	62	1.80	-	32.77	5.89	32.47
AV	5.5848G	112.30	Inf	-Inf	106.12	3	Vertical	62	1.80	-	32.77	5.88	32.47
PK	5.7704G	60.09	68.20	-8.11	52.82	3	Vertical	62	1.80	-	33.78	5.90	32.41

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5580MHz\_TnomVnom

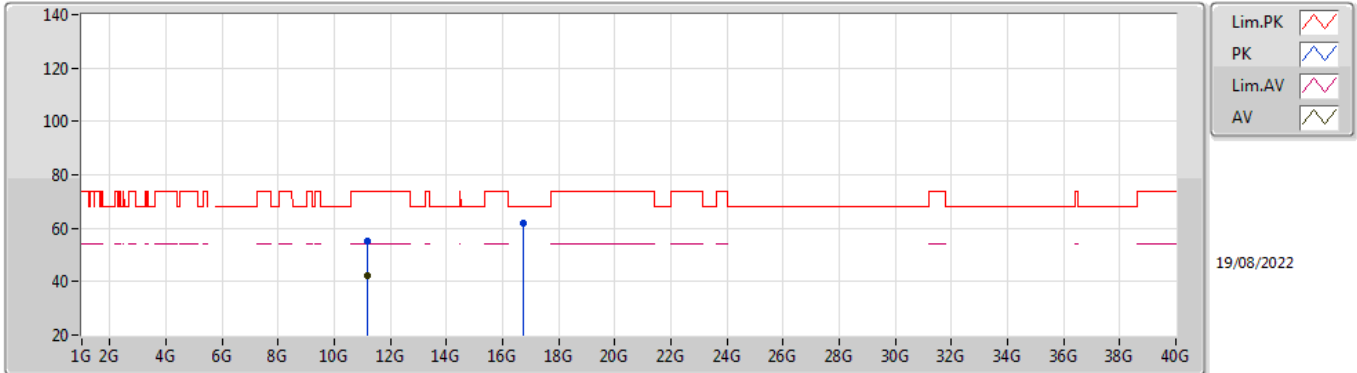


EUT V\_4TX  
Setting 29  
06-E-S-5-10

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	5.3896G	62.42	74.00	-11.58	56.24	3	Horizontal	61	2.62	-	32.98	5.69	32.49
AV	5.3904G	50.49	54.00	-3.51	44.30	3	Horizontal	61	2.62	-	32.98	5.70	32.49
PK	5.4672G	60.57	68.20	-7.63	54.43	3	Horizontal	61	2.62	-	32.87	5.77	32.50
PK	5.5832G	128.75	Inf	-Inf	122.57	3	Horizontal	61	2.62	-	32.77	5.88	32.47
AV	5.5824G	115.32	Inf	-Inf	109.15	3	Horizontal	61	2.62	-	32.76	5.88	32.47
PK	5.7768G	61.74	68.20	-6.46	54.44	3	Horizontal	61	2.62	-	33.81	5.90	32.41

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5580MHz\_TnomVnom



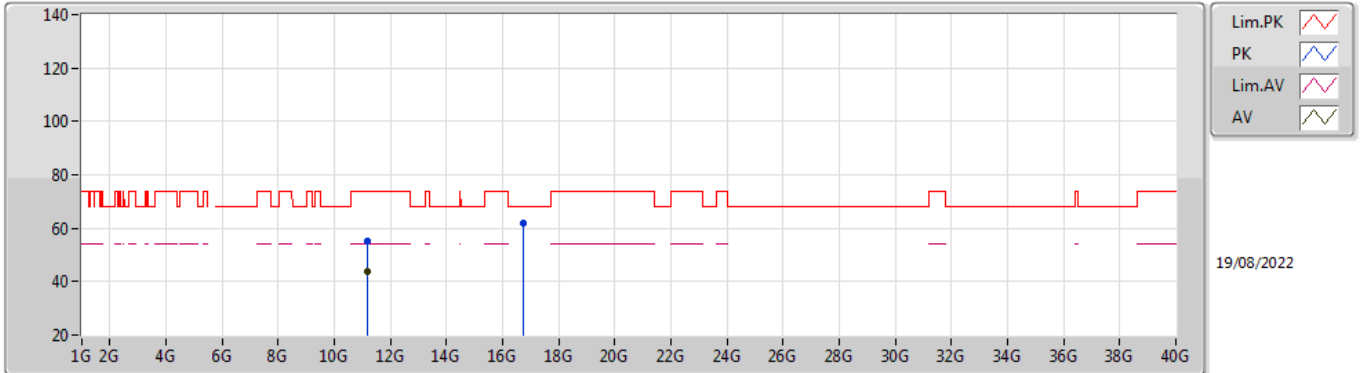
EUT Y\_4TX  
Setting 29  
02-F-G-4

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	11.16G	54.92	74.00	-19.08	40.38	3	Vertical	324	1.89	-	38.76	7.76	31.98
AV	11.15996G	42.44	54.00	-11.56	27.90	3	Vertical	324	1.89	-	38.76	7.76	31.98
PK	16.74G	62.00	68.20	-6.20	42.34	3	Vertical	161	1.54	-	39.92	10.37	30.63



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5580MHz\_TnomVnom

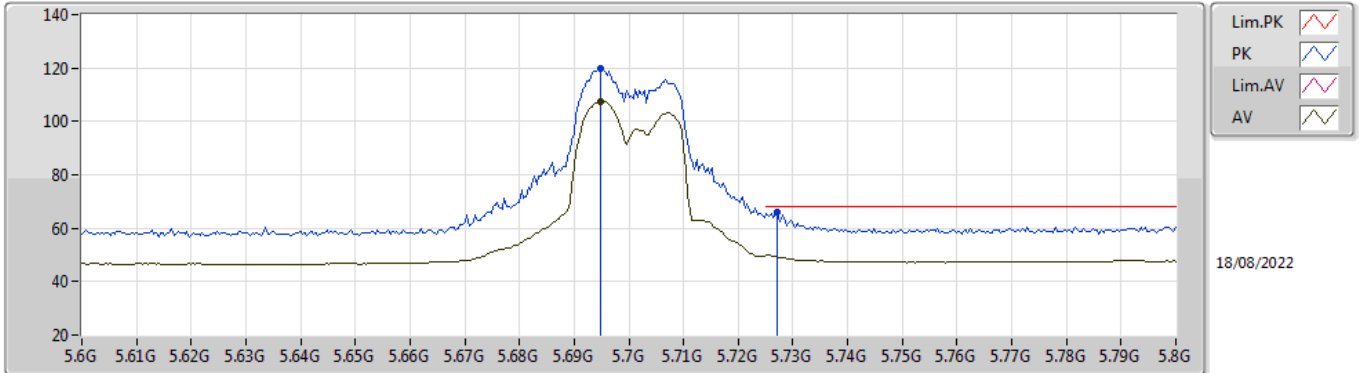


EUT Y\_4TX  
Setting 29  
02-F-G-4

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	11.15959G	55.37	74.00	-18.63	40.83	3	Horizontal	110	1.80	-	38.76	7.76	31.98
AV	11.15995G	43.90	54.00	-10.10	29.36	3	Horizontal	110	1.80	-	38.76	7.76	31.98
PK	16.74176G	62.15	68.20	-6.05	42.48	3	Horizontal	340	1.30	-	39.93	10.37	30.63

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5700MHz\_TnomVnom

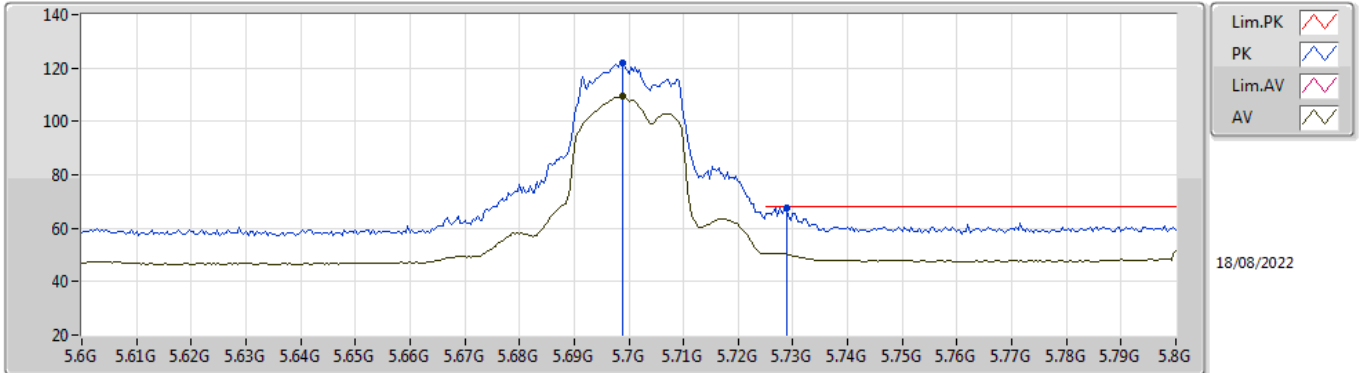


EUT Y\_4TX  
Setting 22  
06-E-S-5-10

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	5.6948G	119.71	Inf	-Inf	113.00	3	Vertical	62	1.77	-	33.25	5.90	32.44
AV	5.6948G	107.40	Inf	-Inf	100.69	3	Vertical	62	1.77	-	33.25	5.90	32.44
PK	5.7272G	65.78	68.20	-2.42	58.79	3	Vertical	62	1.77	-	33.52	5.90	32.43

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5700MHz\_TnomVnom

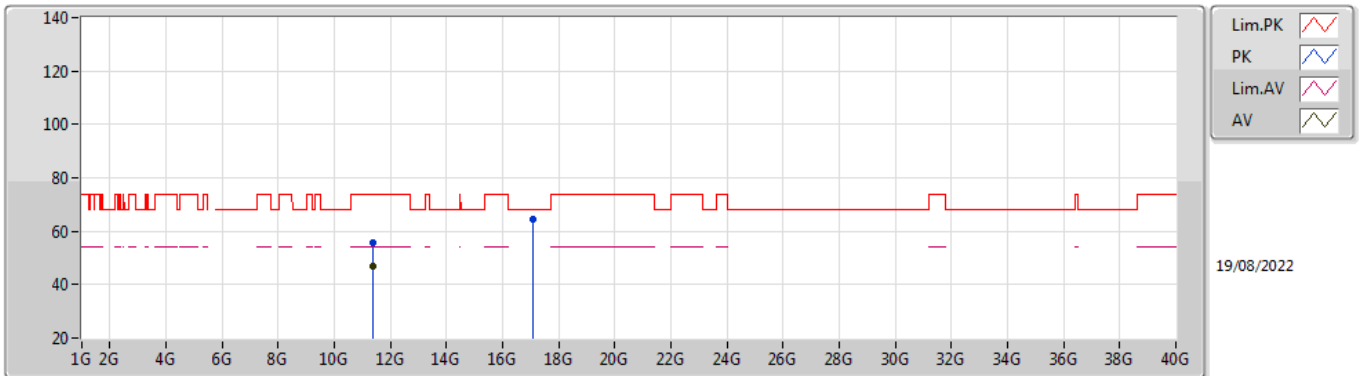


EUT Y\_4TX  
Setting 22  
06-E-S-5-10

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	5.6988G	121.91	Inf	-Inf	115.16	3	Horizontal	292	1.80	-	33.29	5.90	32.44
AV	5.6988G	109.25	Inf	-Inf	102.50	3	Horizontal	292	1.80	-	33.29	5.90	32.44
PK	5.7288G	67.71	68.20	-0.49	60.71	3	Horizontal	292	1.80	-	33.53	5.90	32.43

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5700MHz\_TnomVnom

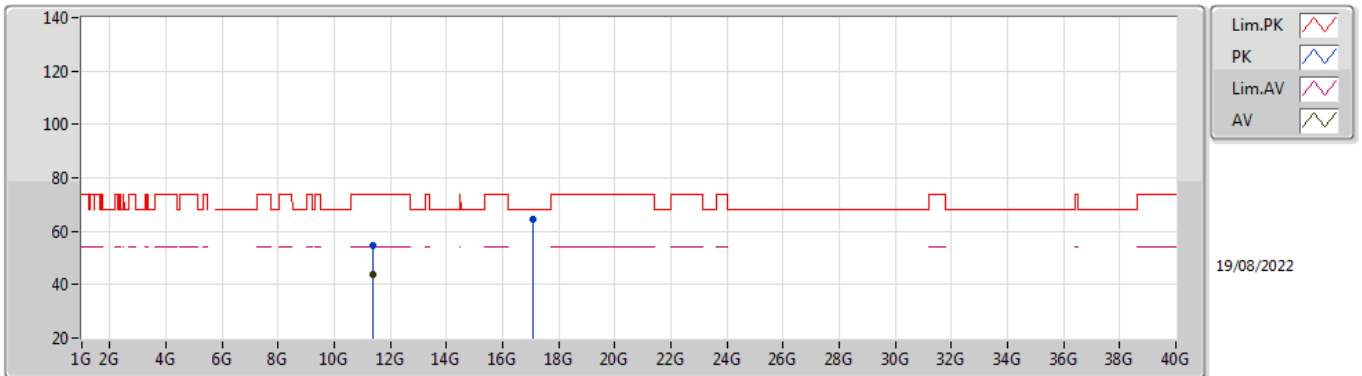


EUT Y\_4TX  
Setting 22  
02-F-G-4

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	11.39978G	55.77	74.00	-18.23	41.19	3	Vertical	352	2.65	-	38.80	7.86	32.08
AV	11.39995G	46.84	54.00	-7.16	32.26	3	Vertical	352	2.65	-	38.80	7.86	32.08
PK	17.0995G	64.26	68.20	-3.94	42.56	3	Vertical	254	1.02	-	41.40	10.55	30.25

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 5700MHz\_TnomVnom

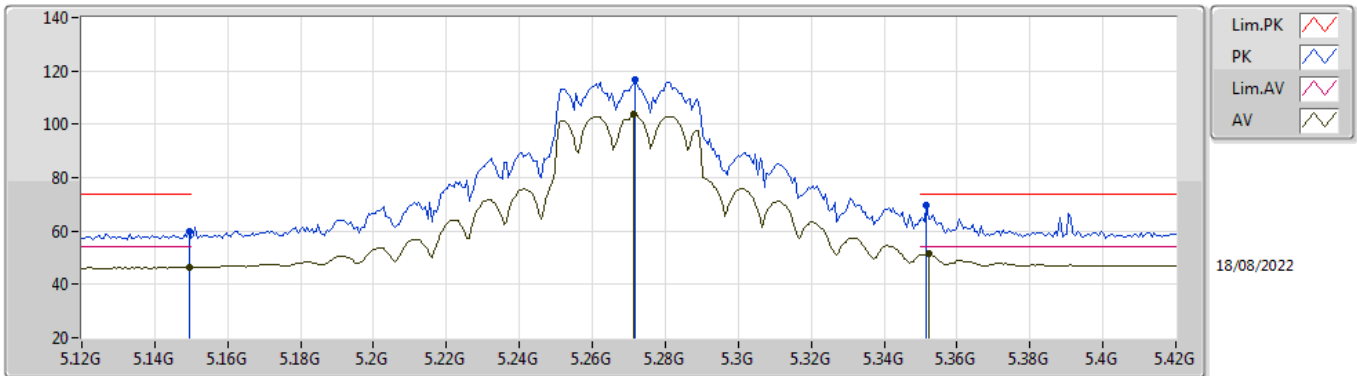


EUT Y\_4TX  
Setting 22  
02-F-G-4

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	11.40012G	54.55	74.00	-19.45	39.97	3	Horizontal	231	1.80	-	38.80	7.86	32.08
AV	11.39992G	44.00	54.00	-10.00	29.42	3	Horizontal	231	1.80	-	38.80	7.86	32.08
PK	17.0971G	64.30	68.20	-3.90	42.61	3	Horizontal	341	1.15	-	41.39	10.55	30.25

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

#### 5270MHz\_TnomVnom

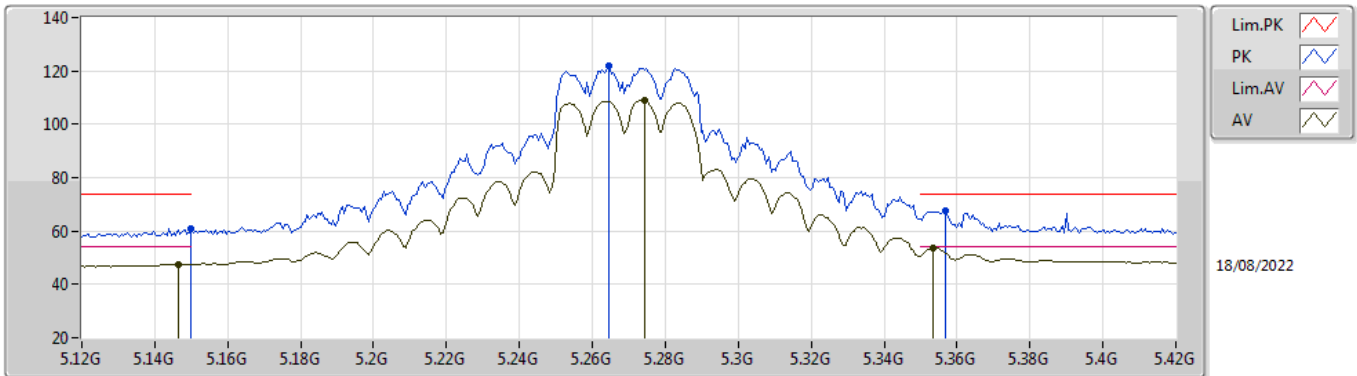


EUT Y\_4TX  
Setting 25  
06-E-S-5-10

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	5.1494G	60.00	74.00	-14.00	53.91	3	Vertical	31	1.80	-	33.00	5.55	32.46
AV	5.1494G	46.45	54.00	-7.55	40.36	3	Vertical	31	1.80	-	33.00	5.55	32.46
PK	5.2718G	116.55	Inf	-Inf	110.48	3	Vertical	31	1.80	-	32.90	5.64	32.47
AV	5.2712G	103.68	Inf	-Inf	97.61	3	Vertical	31	1.80	-	32.90	5.64	32.47
PK	5.3516G	69.86	74.00	-4.14	63.76	3	Vertical	31	1.80	-	32.90	5.68	32.48
AV	5.3522G	51.31	54.00	-2.69	45.21	3	Vertical	31	1.80	-	32.90	5.68	32.48

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5270MHz\_TnomVnom

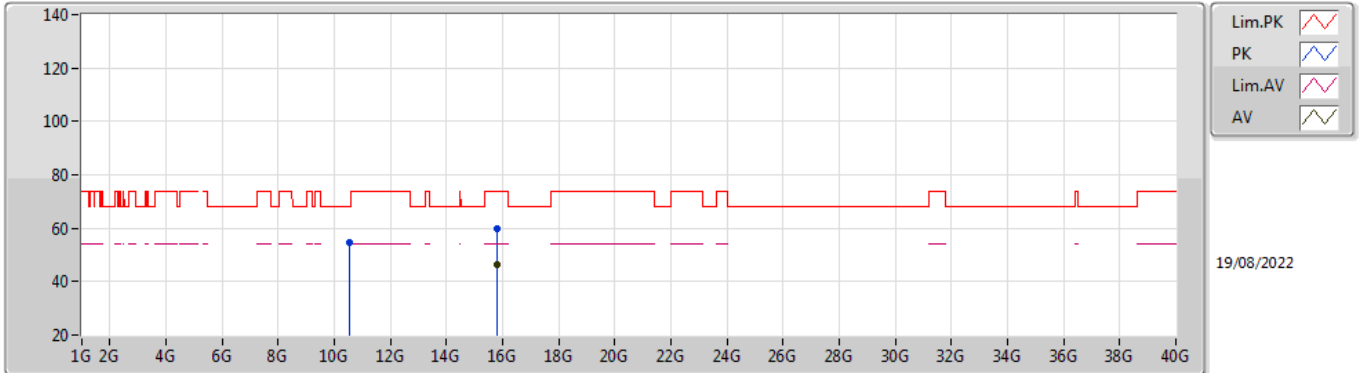


EUT\_V\_4TX  
Setting 25  
06-E-S-5-10

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	5.15G	61.08	74.00	-12.92	54.99	3	Horizontal	305	2.36	-	33.00	5.55	32.46
AV	5.1464G	47.35	54.00	-6.65	41.25	3	Horizontal	305	2.36	-	33.01	5.55	32.46
PK	5.2646G	121.93	Inf	-Inf	115.87	3	Horizontal	305	2.36	-	32.90	5.63	32.47
AV	5.2742G	108.89	Inf	-Inf	102.82	3	Horizontal	305	2.36	-	32.90	5.64	32.47
PK	5.357G	67.54	74.00	-6.46	61.43	3	Horizontal	305	2.36	-	32.91	5.68	32.48
AV	5.3534G	53.82	54.00	-0.18	47.71	3	Horizontal	305	2.36	-	32.91	5.68	32.48

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5270MHz\_TnomVnom



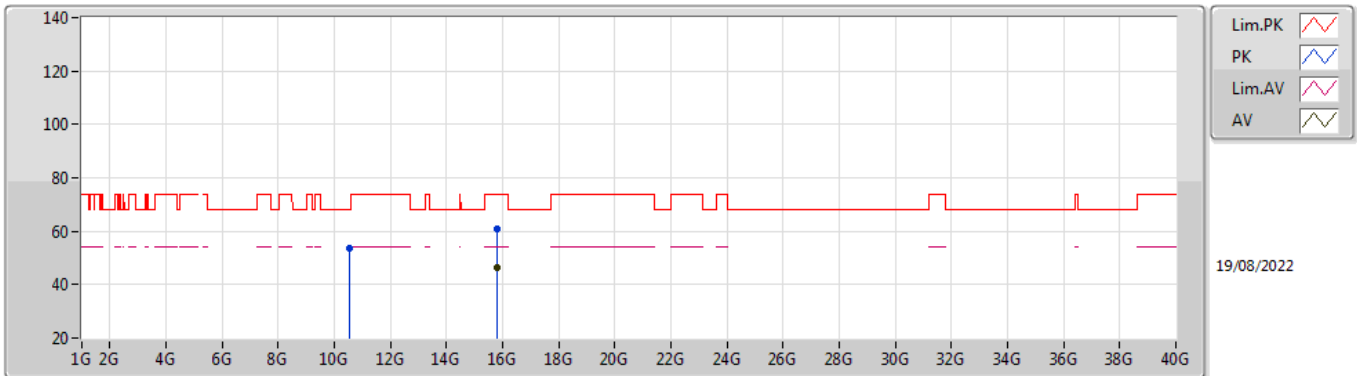
EUT Y\_4TX  
Setting 25  
02-F-G-4

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	10.54019G	54.47	68.20	-13.73	40.25	3	Vertical	19	1.00	-	38.56	7.52	31.86
PK	15.81056G	59.70	74.00	-14.30	43.80	3	Vertical	223	1.95	-	37.48	9.91	31.49
AV	15.81222G	46.31	54.00	-7.69	30.40	3	Vertical	223	1.95	-	37.48	9.92	31.49



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5270MHz\_TnomVnom

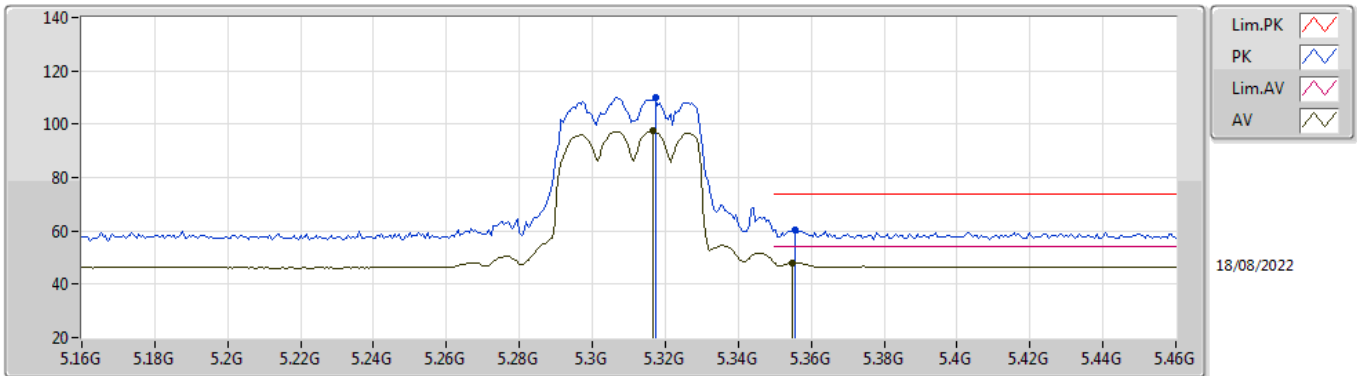


EUT Y\_4TX  
Setting 25  
02-F-G-4

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	10.53857G	53.69	68.20	-14.51	39.47	3	Horizontal	78	1.80	-	38.56	7.52	31.86
PK	15.8113G	60.71	74.00	-13.29	44.80	3	Horizontal	322	1.74	-	37.48	9.92	31.49
AV	15.8129G	46.40	54.00	-7.60	30.50	3	Horizontal	322	1.74	-	37.47	9.92	31.49

802.11ax HEW40\_Nss1,(MCS0)\_4TX

5310MHz\_TnomVnom

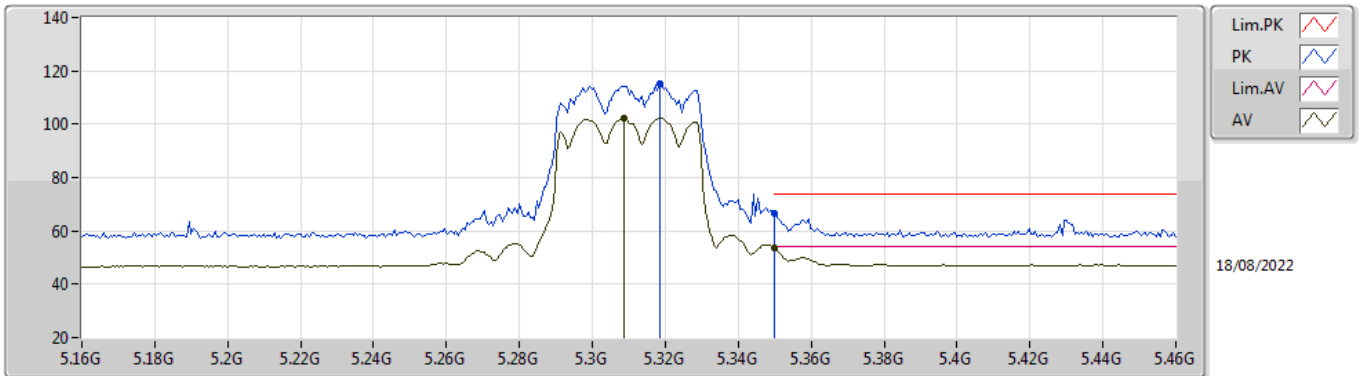


EUT Y\_4TX  
Setting 19.5  
06-E-S-5-10

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	5.3172G	110.09	Inf	-Inf	104.01	3	Vertical	32.9	1.75	-	32.90	5.66	32.48
AV	5.3166G	97.54	Inf	-Inf	91.46	3	Vertical	32.9	1.75	-	32.90	5.66	32.48
PK	5.3556G	60.36	74.00	-13.64	54.25	3	Vertical	32.9	1.75	-	32.91	5.68	32.48
AV	5.355G	48.17	54.00	-5.83	42.06	3	Vertical	32.9	1.75	-	32.91	5.68	32.48

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5310MHz\_TnomVnom

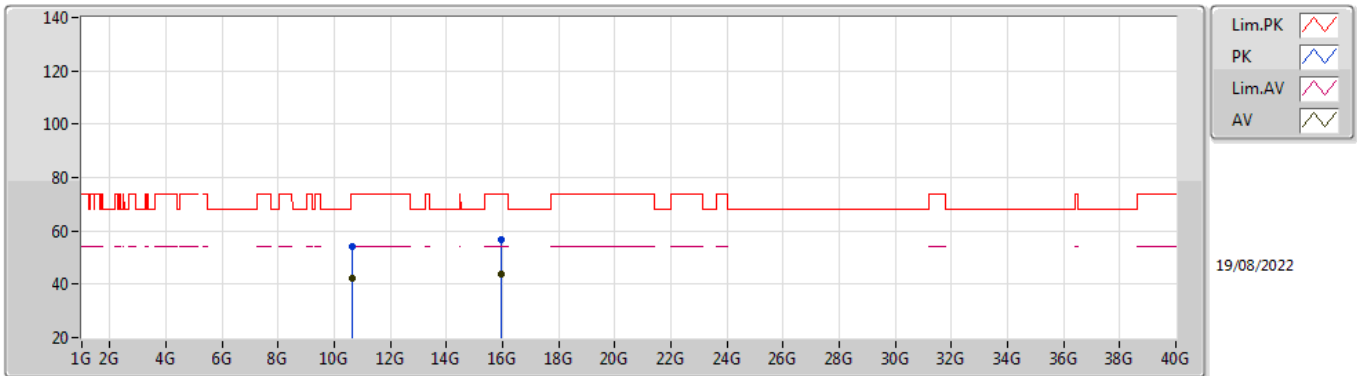


EUT Y\_4TX  
Setting 19.5  
06-E-S-5-10

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	5.3184G	114.96	Inf	-Inf	108.88	3	Horizontal	301	2.31	-	32.90	5.66	32.48
AV	5.3088G	102.26	Inf	-Inf	96.19	3	Horizontal	301	2.31	-	32.90	5.65	32.48
PK	5.35G	66.60	74.00	-7.40	60.50	3	Horizontal	301	2.31	-	32.90	5.68	32.48
AV	5.35G	53.61	54.00	-0.59	47.31	3	Horizontal	301	2.31	-	32.90	5.68	32.48

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5310MHz\_TnomVnom

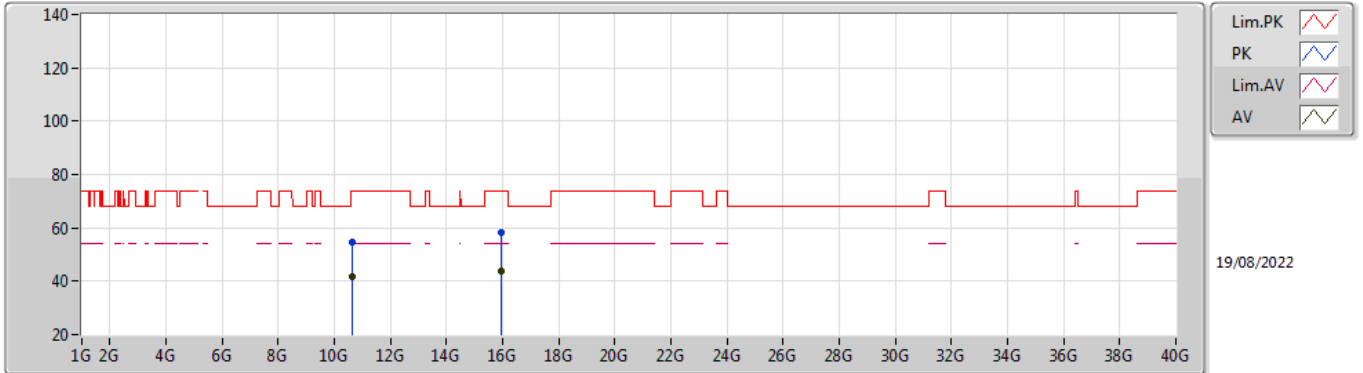


EUT Y\_4TX  
Setting 19.5  
02-F-G-4

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	10.62227G	53.96	74.00	-20.04	39.78	3	Vertical	17	1.00	-	38.50	7.55	31.87
AV	10.6199G	42.15	54.00	-11.85	27.97	3	Vertical	17	1.00	-	38.50	7.55	31.87
PK	15.9304G	56.78	74.00	-17.22	41.06	3	Vertical	230	1.72	-	37.30	9.97	31.55
AV	15.92856G	43.83	54.00	-10.17	28.11	3	Vertical	230	1.72	-	37.30	9.97	31.55

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5310MHz\_TnomVnom

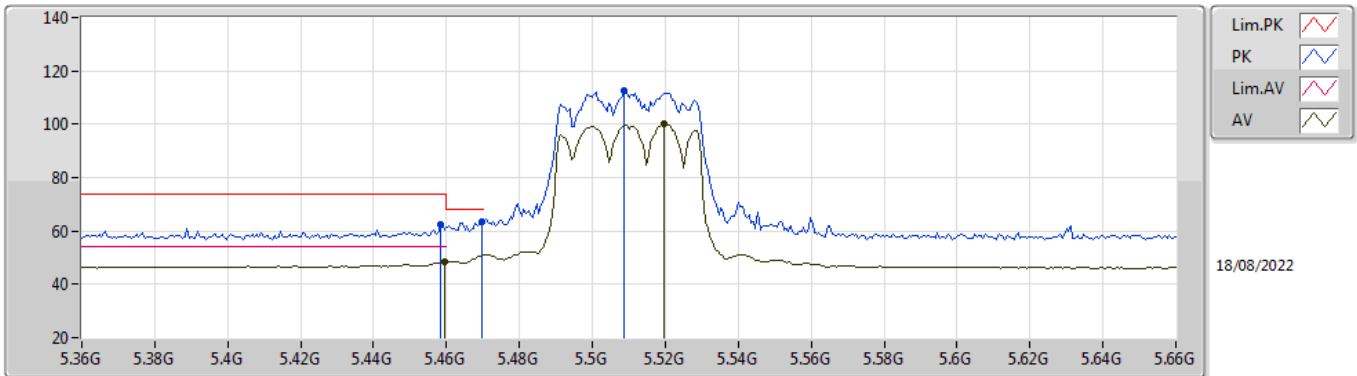


EUT Y\_4TX  
Setting 19.5  
02-F-G-4

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	10.61991G	54.41	74.00	-19.59	40.23	3	Horizontal	354	1.80	-	38.50	7.55	31.87
AV	10.61987G	41.62	54.00	-12.38	27.44	3	Horizontal	354	1.80	-	38.50	7.55	31.87
PK	15.93424G	58.06	74.00	-15.94	42.35	3	Horizontal	246	1.39	-	37.30	9.97	31.56
AV	15.92996G	43.86	54.00	-10.14	28.14	3	Horizontal	246	1.39	-	37.30	9.97	31.55

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5510MHz\_TnomVnom

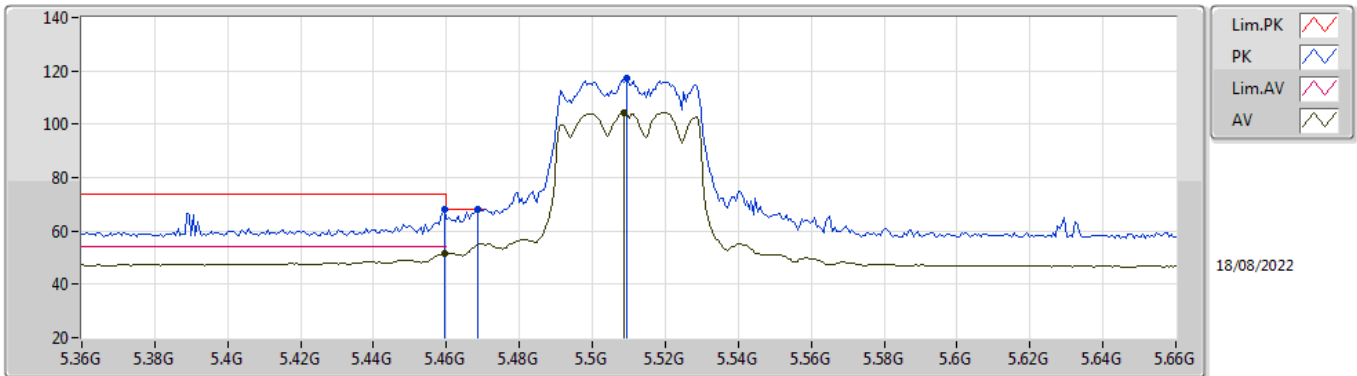


EUT Y\_4TX  
Setting 21  
06-E-S-5-10

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	5.4584G	62.48	74.00	-11.52	56.34	3	Vertical	9	1.80	-	32.88	5.76	32.50
AV	5.4596G	48.46	54.00	-5.54	42.32	3	Vertical	9	1.80	-	32.88	5.76	32.50
PK	5.4698G	63.51	68.20	-4.69	57.38	3	Vertical	9	1.80	-	32.86	5.77	32.50
PK	5.5088G	112.71	Inf	-Inf	106.62	3	Vertical	9	1.80	-	32.78	5.81	32.50
AV	5.5196G	99.93	Inf	-Inf	93.84	3	Vertical	9	1.80	-	32.76	5.82	32.49

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5510MHz\_TnomVnom

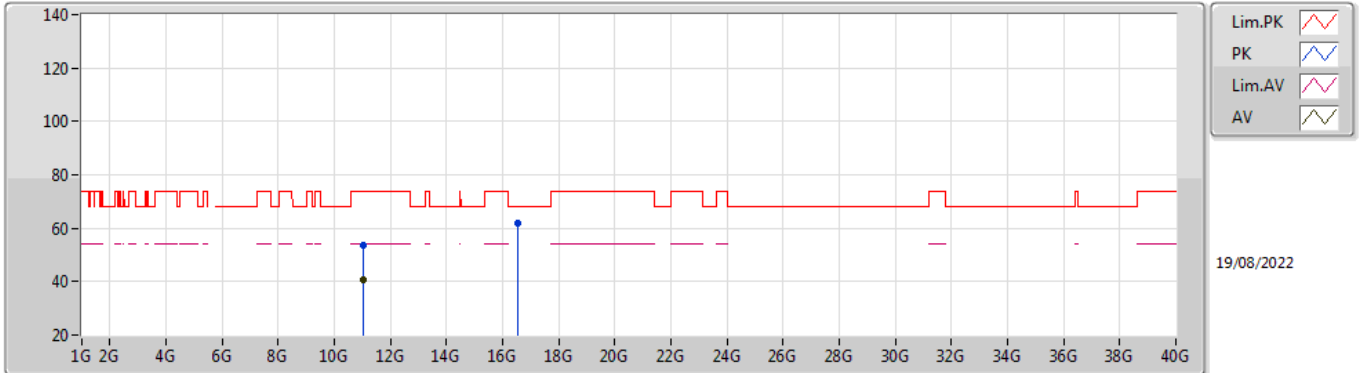


EUT Y\_4TX  
Setting 21  
06-E-S-5-10

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	68.36	74.00	-5.64	62.22	3	Horizontal	300	2.17	-	32.88	5.76	32.50
AV	5.4596G	51.64	54.00	-2.36	45.50	3	Horizontal	300	2.17	-	32.88	5.76	32.50
PK	5.4686G	67.89	68.20	-0.31	61.76	3	Horizontal	300	2.17	-	32.86	5.77	32.50
PK	5.5094G	117.28	Inf	-Inf	111.19	3	Horizontal	300	2.17	-	32.78	5.81	32.50
AV	5.5088G	104.42	Inf	-Inf	98.33	3	Horizontal	300	2.17	-	32.78	5.81	32.50

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5510MHz\_TnomVnom



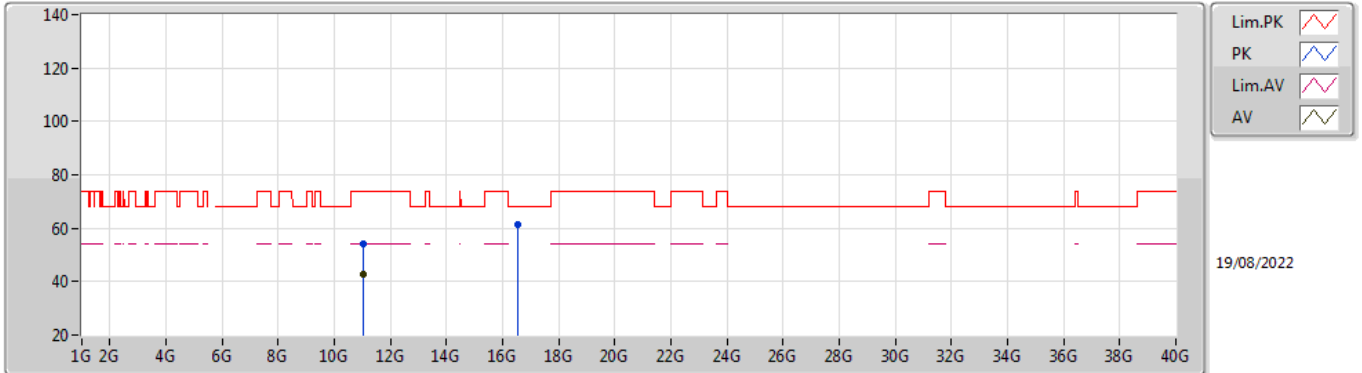
EUT Y\_4TX  
Setting 21  
02-F-G-4

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	11.01751G	53.47	74.00	-20.53	39.07	3	Vertical	72	2.23	-	38.62	7.71	31.93
AV	11.01999G	40.62	54.00	-13.38	26.22	3	Vertical	72	2.23	-	38.62	7.71	31.93
PK	16.53204G	61.83	68.20	-6.37	43.29	3	Vertical	29	1.48	-	39.20	10.27	30.93



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5510MHz\_TnomVnom

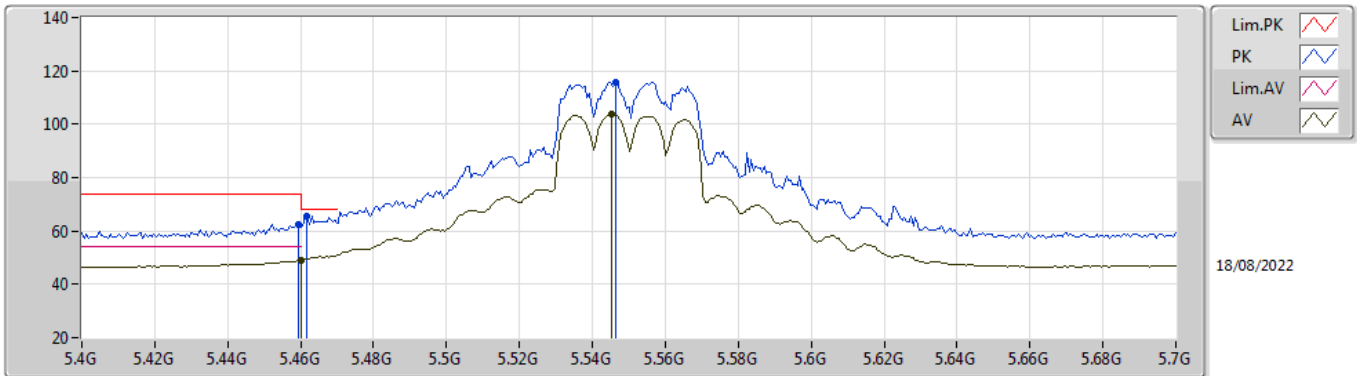


EUT Y\_4TX  
Setting 21  
02-F-G-4

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	11.01987G	54.34	74.00	-19.66	39.94	3	Horizontal	19	1.91	-	38.62	7.71	31.93
AV	11.01992G	42.61	54.00	-11.39	28.21	3	Horizontal	19	1.91	-	38.62	7.71	31.93
PK	16.53262G	61.32	68.20	-6.88	42.78	3	Horizontal	40	1.80	-	39.20	10.27	30.93

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5550MHz\_TnomVnom

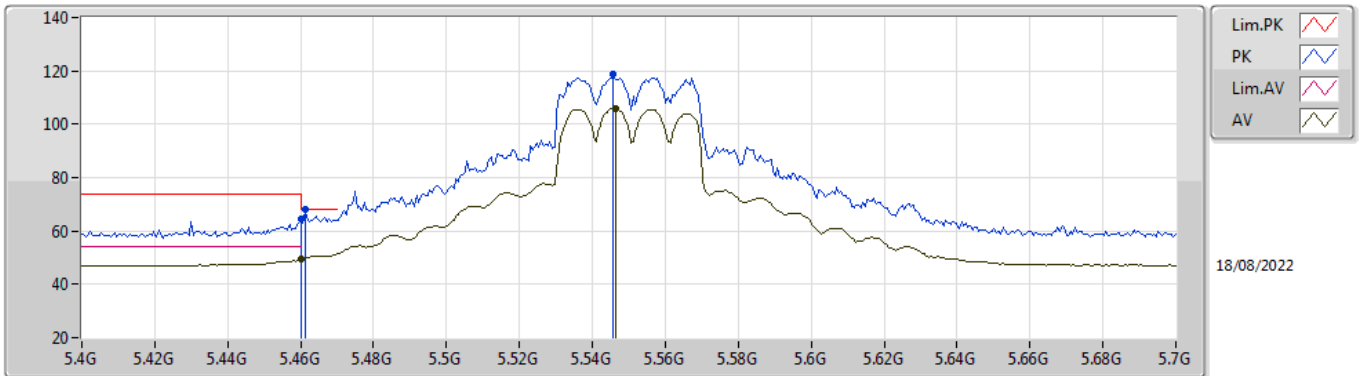


EUT V\_4TX  
Setting 25.5  
06-E-S-5-10

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	62.52	74.00	-11.48	56.38	3	Vertical	9	1.92	-	32.88	5.76	32.50
AV	5.46G	49.02	54.00	-4.98	42.88	3	Vertical	9	1.92	-	32.88	5.76	32.50
PK	5.4618G	65.55	68.20	-2.65	59.41	3	Vertical	9	1.92	-	32.88	5.76	32.50
PK	5.5464G	115.72	Inf	-Inf	109.65	3	Vertical	9	1.92	-	32.71	5.85	32.49
AV	5.5452G	103.64	Inf	-Inf	97.57	3	Vertical	9	1.92	-	32.71	5.85	32.49

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5550MHz\_TnomVnom

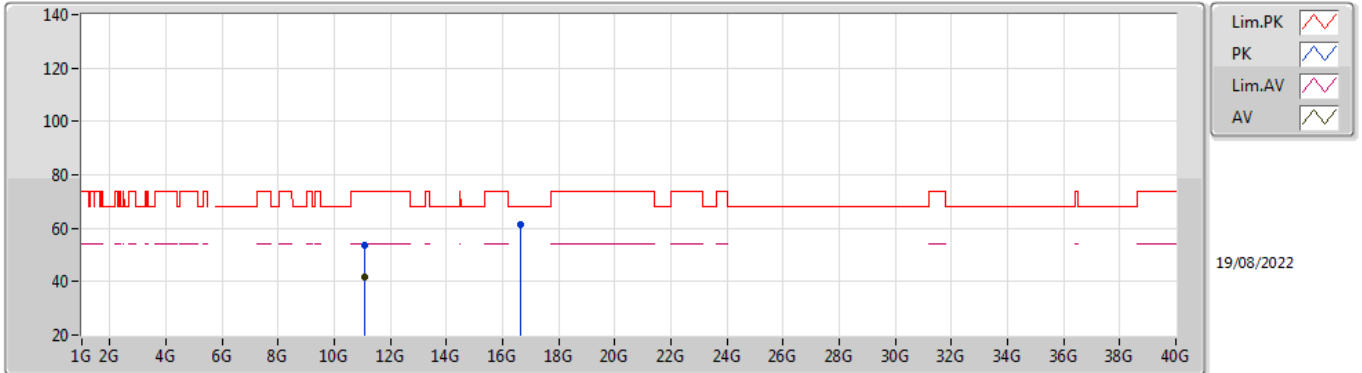


EUT\_V\_4TX  
Setting 25.5  
06-E-S-5-10

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	64.51	74.00	-9.49	58.37	3	Horizontal	360	1.80	-	32.88	5.76	32.50
AV	5.46G	49.26	54.00	-4.74	43.12	3	Horizontal	360	1.80	-	32.88	5.76	32.50
PK	5.4612G	67.96	68.20	-0.24	61.82	3	Horizontal	360	1.80	-	32.88	5.76	32.50
PK	5.5458G	118.62	Inf	-Inf	112.55	3	Horizontal	360	1.80	-	32.71	5.85	32.49
AV	5.5464G	105.95	Inf	-Inf	99.88	3	Horizontal	360	1.80	-	32.71	5.85	32.49

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5550MHz\_TnomVnom

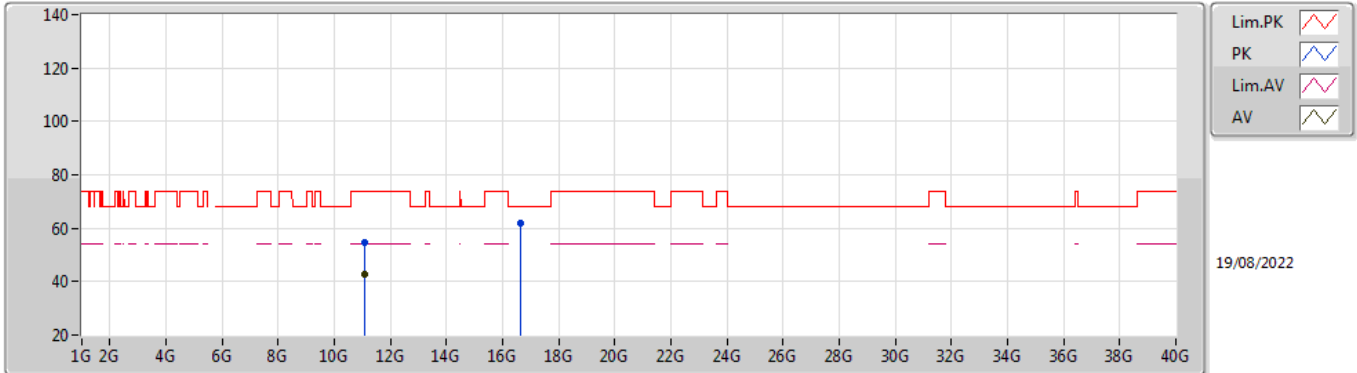


EUT Y\_4TX  
Setting 25.5  
02-F-G-4

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	11.09951G	53.85	74.00	-20.15	39.37	3	Vertical	326	1.78	-	38.70	7.74	31.96
AV	11.09993G	41.87	54.00	-12.13	27.39	3	Vertical	326	1.78	-	38.70	7.74	31.96
PK	16.65186G	61.45	68.20	-6.75	42.38	3	Vertical	75	1.23	-	39.50	10.33	30.76

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5550MHz\_TnomVnom

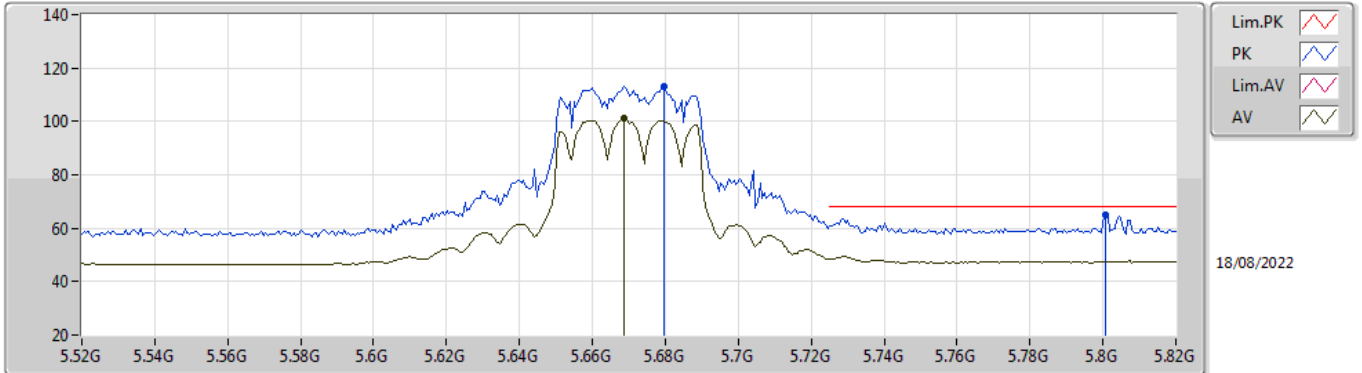


EUT Y\_4TX  
Setting 25.5  
02-F-G-4

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	11.09973G	54.75	74.00	-19.25	40.27	3	Horizontal	18	1.79	-	38.70	7.74	31.96
AV	11.09996G	42.97	54.00	-11.03	28.49	3	Horizontal	18	1.79	-	38.70	7.74	31.96
PK	16.6499G	61.86	68.20	-6.34	42.80	3	Horizontal	316	1.27	-	39.50	10.32	30.76

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5670MHz\_TnomVnom

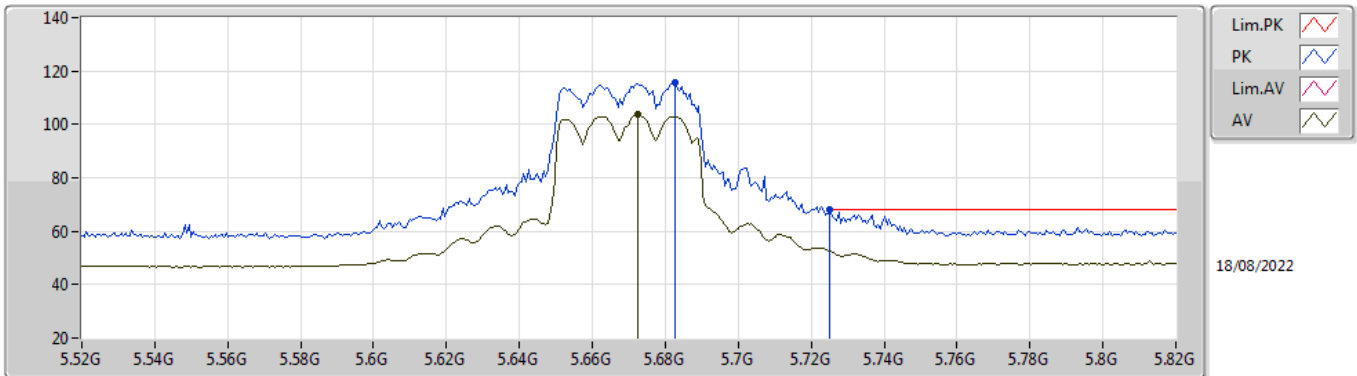


EUT Y\_4TX  
Setting 22.5  
06-E-S-5-10

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	5.6796G	113.09	Inf	-Inf	106.53	3	Vertical	57	1.43	-	33.10	5.90	32.44
AV	5.6688G	101.10	Inf	-Inf	94.66	3	Vertical	57	1.43	-	32.99	5.90	32.45
PK	5.8008G	65.05	68.20	-3.15	57.65	3	Vertical	57	1.43	-	33.90	5.90	32.40

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5670MHz\_TnomVnom

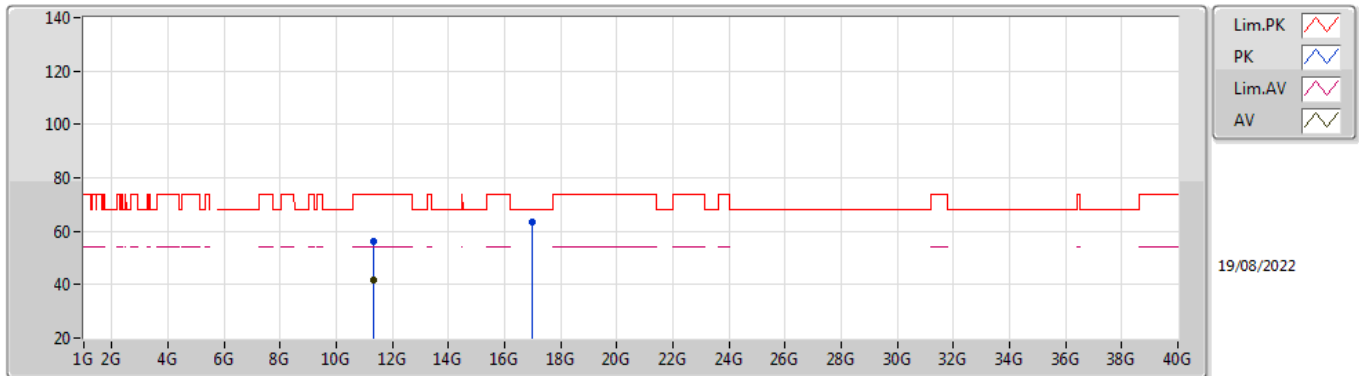


EUT Y\_4TX  
Setting 22.5  
06-E-S-5-10

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	5.6826G	115.76	Inf	-Inf	109.17	3	Horizontal	298	1.80	-	33.13	5.90	32.44
AV	5.6724G	103.62	Inf	-Inf	97.14	3	Horizontal	298	1.80	-	33.02	5.90	32.44
PK	5.7252G	67.96	68.20	-0.24	60.99	3	Horizontal	298	1.80	-	33.50	5.90	32.43

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5670MHz\_TnomVnom



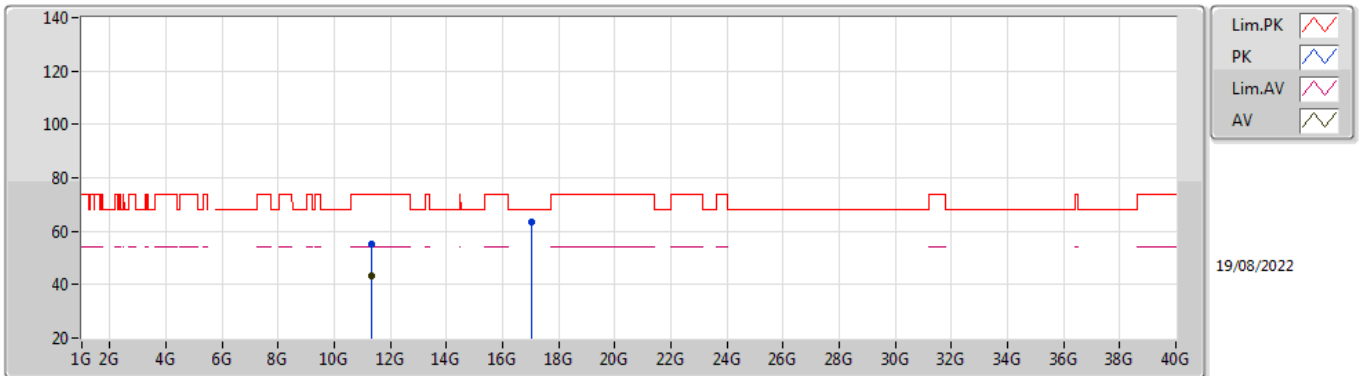
EUT Y\_4TX  
Setting 22.5  
02-F-G-4

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	11.33986G	55.96	74.00	-18.04	41.38	3	Vertical	353	1.79	-	38.80	7.84	32.06
AV	11.33999G	41.69	54.00	-12.31	27.11	3	Vertical	353	1.79	-	38.80	7.84	32.06
PK	17.00602G	63.34	68.20	-4.86	42.08	3	Vertical	147	1.34	-	41.02	10.50	30.26



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 5670MHz\_TnomVnom

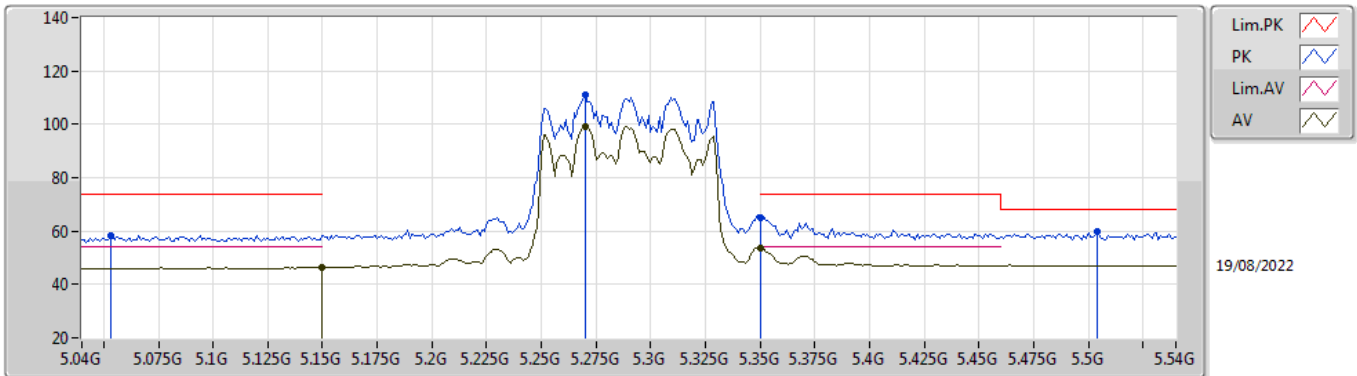


EUT Y\_4TX  
Setting 22.5  
02-F-G-4

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	11.33992G	55.25	74.00	-18.75	40.67	3	Horizontal	60	1.35	-	38.80	7.84	32.06
AV	11.33996G	43.52	54.00	-10.48	28.94	3	Horizontal	60	1.35	-	38.80	7.84	32.06
PK	17.00864G	63.43	68.20	-4.77	42.16	3	Horizontal	339	2.51	-	41.03	10.50	30.26

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5290MHz\_TnomVnom

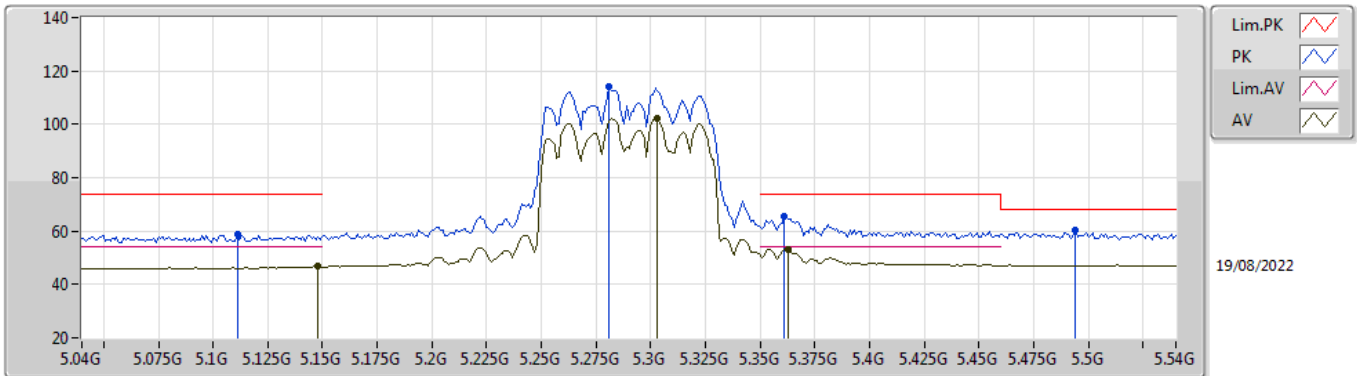


EUT Y\_4TX  
Setting 19.5  
02-F-G-4-10

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	5.053G	58.24	74.00	-15.76	50.32	3	Vertical	10	2.03	-	33.50	5.15	30.73
AV	5.15G	46.55	54.00	-7.45	38.43	3	Vertical	10	2.03	-	33.60	5.25	30.73
PK	5.27G	110.85	Inf	-Inf	102.50	3	Vertical	10	2.03	-	33.74	5.33	30.72
AV	5.27G	99.17	Inf	-Inf	90.82	3	Vertical	10	2.03	-	33.74	5.33	30.72
PK	5.35G	65.08	74.00	-8.92	56.52	3	Vertical	10	2.03	-	33.90	5.38	30.72
AV	5.35G	53.66	54.00	-0.34	45.10	3	Vertical	10	2.03	-	33.90	5.38	30.72
PK	5.504G	59.79	68.20	-8.41	51.01	3	Vertical	10	2.03	-	34.00	5.50	30.72

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5290MHz\_TnomVnom

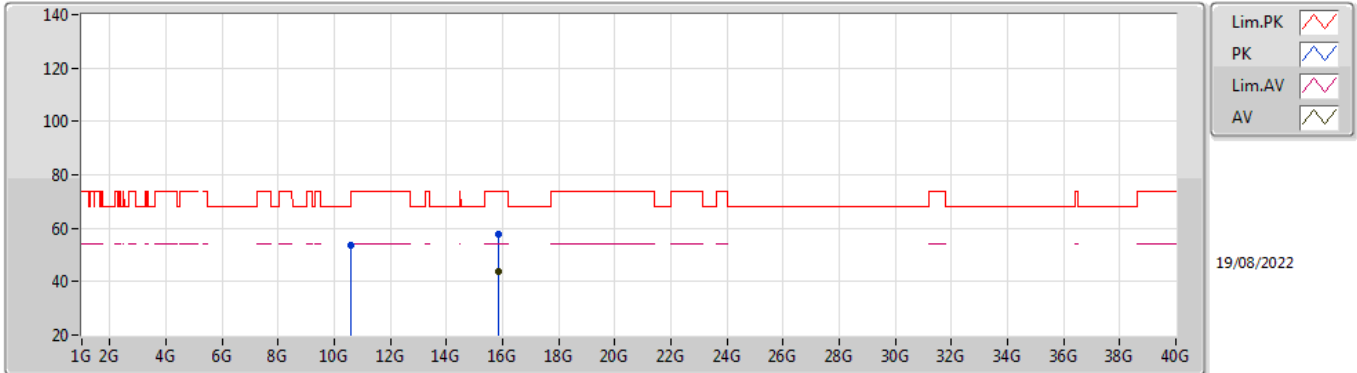


EUT V\_4TX  
Setting 19.5  
02-F-G-4-10

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	5.111G	58.99	74.00	-15.01	50.99	3	Horizontal	59	2.68	-	33.52	5.21	30.73
AV	5.148G	46.65	54.00	-7.35	38.53	3	Horizontal	59	2.68	-	33.60	5.25	30.73
PK	5.281G	114.34	Inf	-Inf	105.96	3	Horizontal	59	2.68	-	33.76	5.34	30.72
AV	5.303G	102.07	Inf	-Inf	93.63	3	Horizontal	59	2.68	-	33.81	5.35	30.72
PK	5.361G	65.53	74.00	-8.47	56.95	3	Horizontal	59	2.68	-	33.92	5.38	30.72
AV	5.363G	53.13	54.00	-0.87	44.54	3	Horizontal	59	2.68	-	33.93	5.38	30.72
PK	5.494G	60.19	68.20	-8.01	51.42	3	Horizontal	59	2.68	-	34.00	5.49	30.72

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5290MHz\_TnomVnom

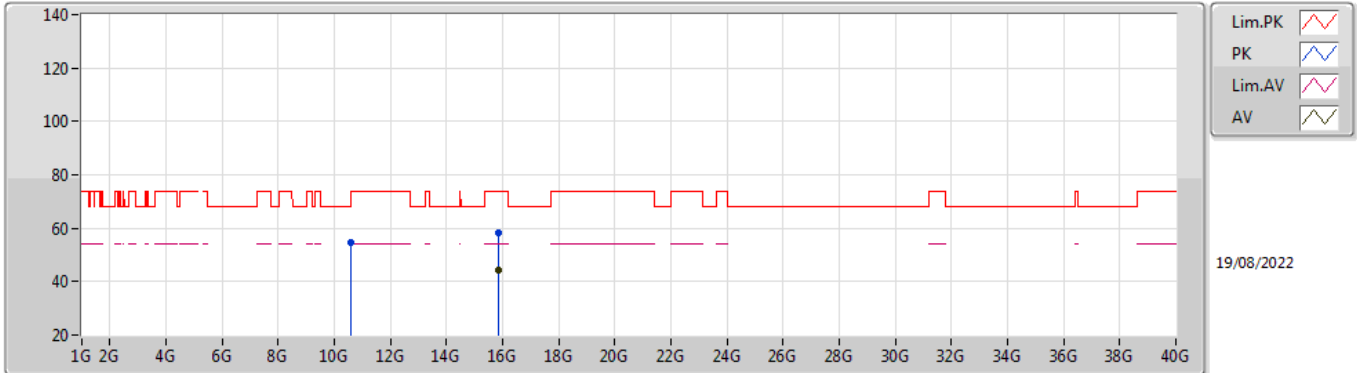


EUT Y\_4TX  
Setting 19.5  
02-F-G-4

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	10.58012G	53.46	68.20	-14.74	39.27	3	Vertical	74	1.00	-	38.52	7.53	31.86
PK	15.86738G	57.58	74.00	-16.42	41.79	3	Vertical	83	2.16	-	37.37	9.94	31.52
AV	15.86522G	43.88	54.00	-10.12	28.09	3	Vertical	83	2.16	-	37.37	9.94	31.52

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5290MHz\_TnomVnom

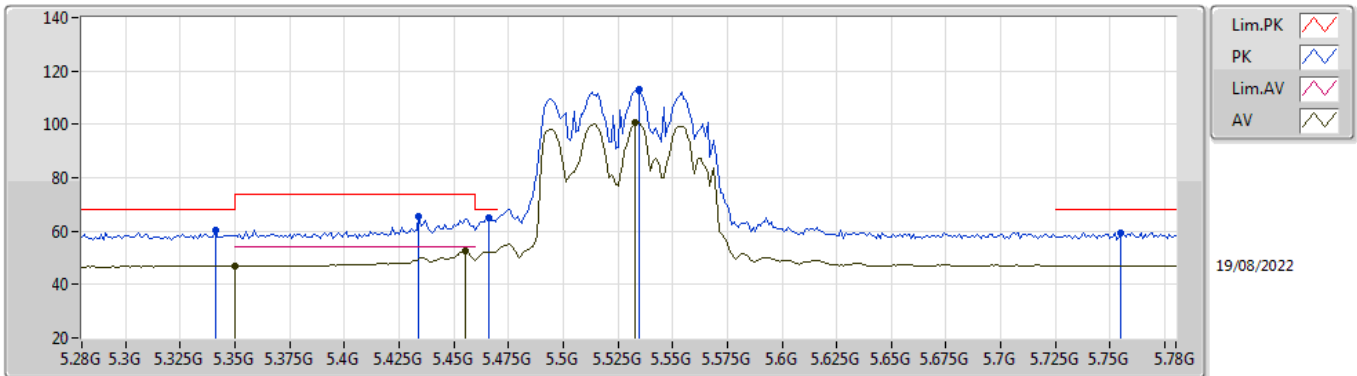


EUT Y\_4TX  
Setting 19.5  
02-F-G-4

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	10.58003G	54.73	68.20	-13.47	40.54	3	Horizontal	76	1.79	-	38.52	7.53	31.86
PK	15.86514G	58.30	74.00	-15.70	42.51	3	Horizontal	264	1.14	-	37.37	9.94	31.52
AV	15.86808G	44.07	54.00	-9.93	28.29	3	Horizontal	264	1.14	-	37.36	9.94	31.52

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5530MHz\_TnomVnom

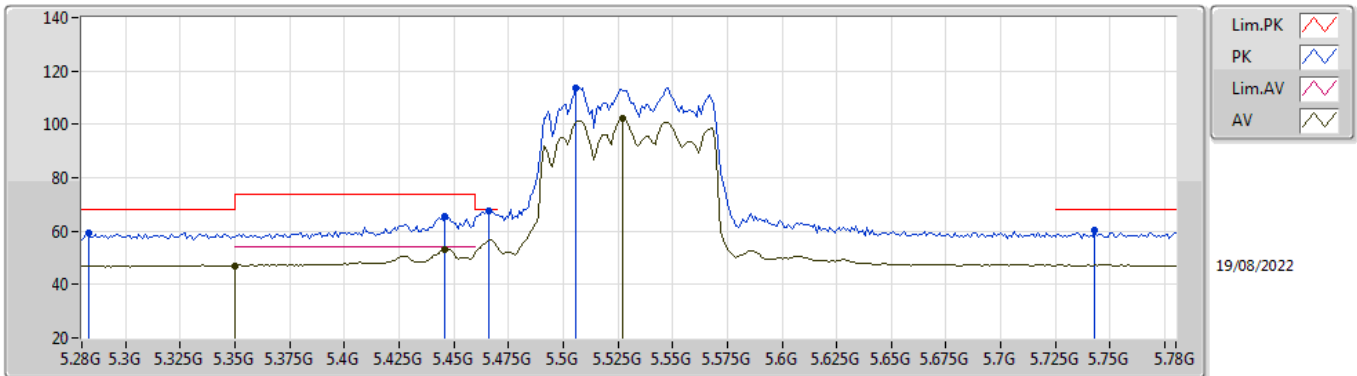


EUT Y\_4TX  
Setting 20.5  
02-F-G-4-10

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	5.341G	60.47	68.20	-7.73	51.94	3	Vertical	2	1.94	-	33.88	5.37	30.72
AV	5.35G	46.76	54.00	-7.24	38.21	3	Vertical	2	1.94	-	33.90	5.37	30.72
PK	5.434G	65.46	74.00	-8.54	56.75	3	Vertical	2	1.94	-	34.00	5.43	30.72
PK	5.466G	65.02	68.20	-3.18	56.27	3	Vertical	2	1.94	-	34.00	5.47	30.72
AV	5.455G	52.35	54.00	-1.65	43.61	3	Vertical	2	1.94	-	34.00	5.46	30.72
PK	5.535G	112.94	Inf	-Inf	104.15	3	Vertical	2	1.94	-	34.00	5.54	30.75
AV	5.533G	100.90	Inf	-Inf	92.12	3	Vertical	2	1.94	-	34.00	5.53	30.75
PK	5.755G	59.45	68.20	-8.75	50.96	3	Vertical	2	1.94	-	33.80	5.60	30.91

802.11ax HEW80\_Nss1,(MCS0)\_4TX

5530MHz\_TnomVnom

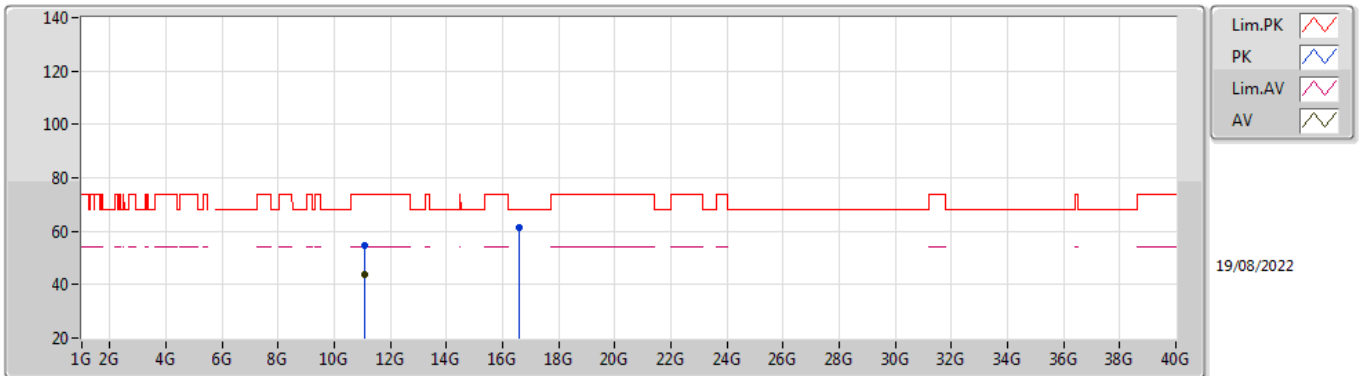


EUT\_V\_4TX  
Setting 20.5  
02-F-G-4-10

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	5.283G	59.35	68.20	-8.85	50.96	3	Horizontal	337	2.09	-	33.77	5.34	30.72
AV	5.35G	46.94	54.00	-7.06	38.39	3	Horizontal	337	2.09	-	33.90	5.37	30.72
PK	5.446G	65.56	74.00	-8.44	56.83	3	Horizontal	337	2.09	-	34.00	5.45	30.72
AV	5.446G	53.31	54.00	-0.69	44.58	3	Horizontal	337	2.09	-	34.00	5.45	30.72
PK	5.466G	67.77	68.20	-0.43	59.02	3	Horizontal	337	2.09	-	34.00	5.47	30.72
PK	5.506G	113.73	Inf	-Inf	104.94	3	Horizontal	337	2.09	-	34.00	5.51	30.72
AV	5.527G	102.01	Inf	-Inf	93.22	3	Horizontal	337	2.09	-	34.00	5.53	30.74
PK	5.743G	60.09	68.20	-8.11	51.58	3	Horizontal	337	2.09	-	33.81	5.60	30.90

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5530MHz\_TnomVnom



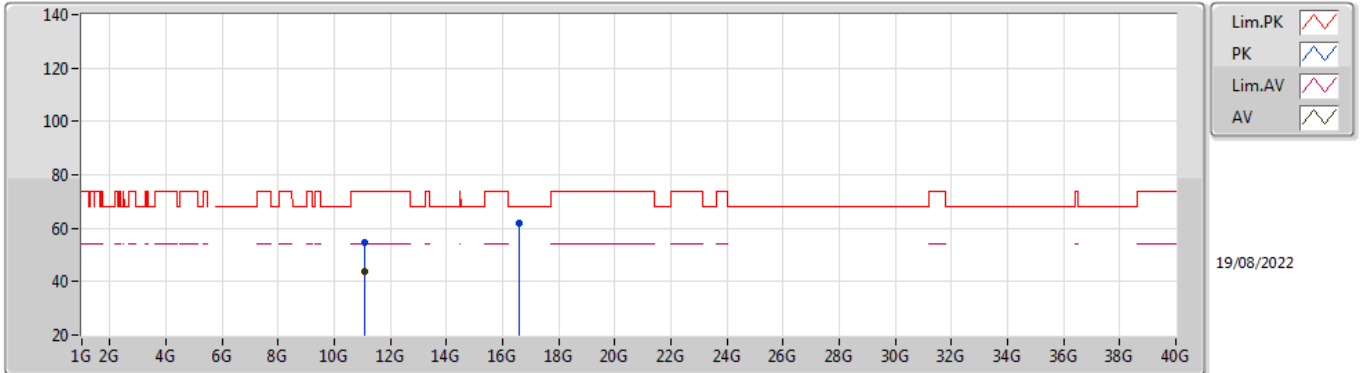
EUT Y\_4TX  
Setting 20.5  
02-F-G-4

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	11.05975G	54.85	74.00	-19.15	40.41	3	Vertical	353	2.75	-	38.66	7.72	31.94
AV	11.06003G	43.75	54.00	-10.25	29.31	3	Vertical	353	2.75	-	38.66	7.72	31.94
PK	16.58992G	61.24	68.20	-6.96	42.43	3	Vertical	3	1.70	-	39.37	10.29	30.85



### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5530MHz\_TnomVnom

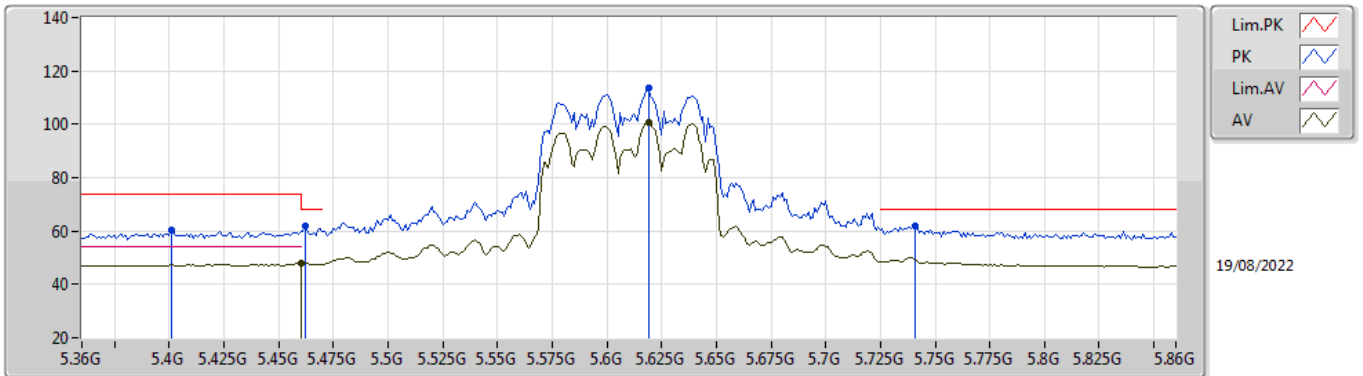


EUT Y\_4TX  
Setting 20.5  
02-F-G-4

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	11.05999G	54.79	74.00	-19.21	40.35	3	Horizontal	19	1.80	-	38.66	7.72	31.94
AV	11.05998G	43.71	54.00	-10.29	29.27	3	Horizontal	19	1.80	-	38.66	7.72	31.94
PK	16.5928G	61.93	68.20	-6.27	43.10	3	Horizontal	27	2.80	-	39.38	10.30	30.85

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5610MHz\_TnomVnom

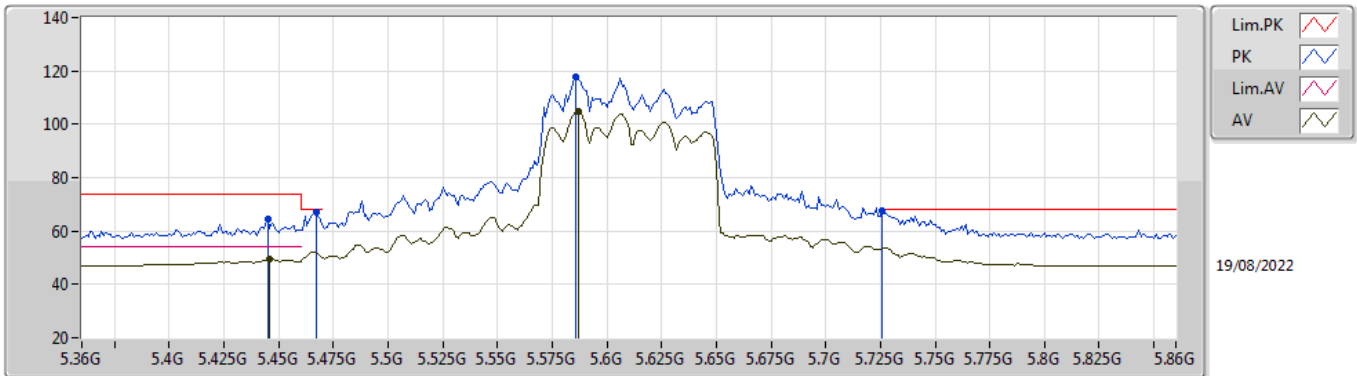


EUT Y\_4TX  
Setting 23  
02-F-G-4-10

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	5.401G	60.09	74.00	-13.91	51.41	3	Vertical	338	1.80	-	34.00	5.40	30.72
PK	5.462G	61.86	68.20	-6.34	53.12	3	Vertical	338	1.80	-	34.00	5.46	30.72
AV	5.46G	47.87	54.00	-6.13	39.13	3	Vertical	338	1.80	-	34.00	5.46	30.72
PK	5.619G	113.61	Inf	-Inf	104.96	3	Vertical	338	1.80	-	33.86	5.60	30.81
AV	5.619G	100.52	Inf	-Inf	91.87	3	Vertical	338	1.80	-	33.86	5.60	30.81
PK	5.741G	62.06	68.20	-6.14	53.54	3	Vertical	338	1.80	-	33.82	5.60	30.90

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5610MHz\_TnomVnom

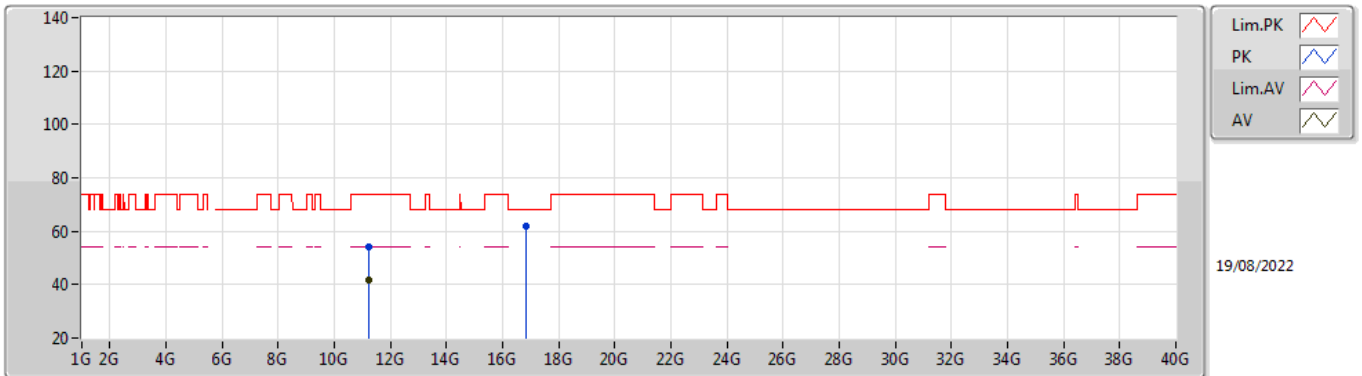


EUT\_V\_4TX  
Setting 23  
02-F-G-4-10

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	5.445G	64.36	74.00	-9.64	55.63	3	Horizontal	308	2.82	-	34.00	5.45	30.72
AV	5.446G	49.24	54.00	-4.76	40.51	3	Horizontal	308	2.82	-	34.00	5.45	30.72
PK	5.467G	67.25	68.20	-0.95	58.50	3	Horizontal	308	2.82	-	34.00	5.47	30.72
PK	5.586G	117.90	Inf	-Inf	109.17	3	Horizontal	308	2.82	-	33.93	5.59	30.79
AV	5.587G	104.68	Inf	-Inf	95.95	3	Horizontal	308	2.82	-	33.93	5.59	30.79
PK	5.726G	67.79	68.20	-0.41	59.23	3	Horizontal	308	2.82	-	33.85	5.60	30.89

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5610MHz\_TnomVnom

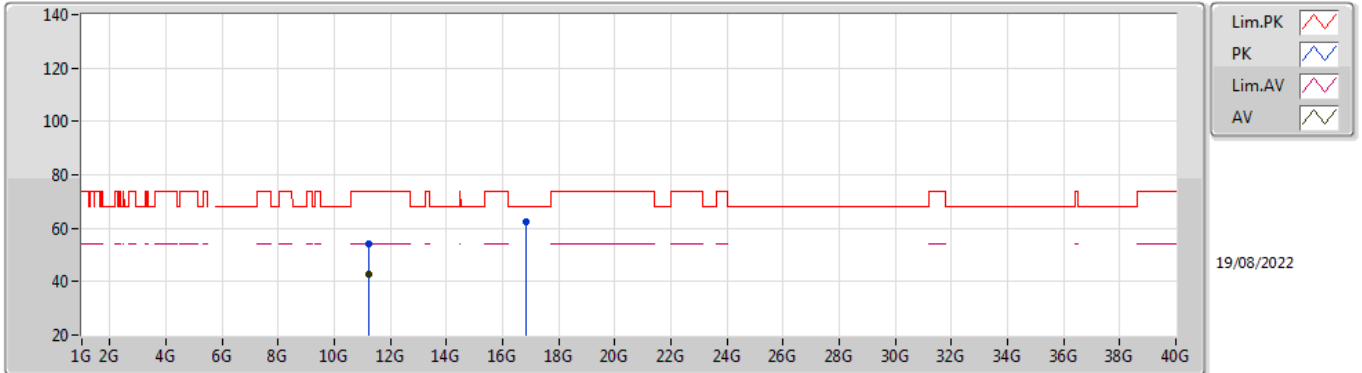


EUT Y\_4TX  
Setting 23  
02-F-G-4

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	11.22109G	54.05	74.00	-19.95	39.47	3	Vertical	323	1.90	-	38.80	7.79	32.01
AV	11.21993G	41.66	54.00	-12.34	27.08	3	Vertical	323	1.90	-	38.80	7.79	32.01
PK	16.82584G	62.06	68.20	-6.14	41.68	3	Vertical	342	1.24	-	40.48	10.41	30.51

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### 5610MHz\_TnomVnom



EUT Y\_4TX  
Setting 23  
02-F-G-4

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	11.21984G	54.13	74.00	-19.87	39.55	3	Horizontal	110	1.37	-	38.80	7.79	32.01
AV	11.21986G	42.94	54.00	-11.06	28.36	3	Horizontal	110	1.37	-	38.80	7.79	32.01
PK	16.82922G	62.33	68.20	-5.87	41.94	3	Horizontal	345	2.15	-	40.49	10.41	30.51