



# RADIO TEST REPORT

FCC ID : Z3WAIR4981  
Equipment : AT&T ALL Fi Booster  
Brand Name : Airties  
Model Name : Air4981-41  
Applicant : AirTies Wireless Networks  
Sehit Mehmet Mikdat Uluunlu Sokagi No:23  
Esentepe, Sisli İstanbul, 34394 Turkey  
Manufacturer : AirTies Wireless Networks  
Sehit Mehmet Mikdat Uluunlu Sokagi No:23  
Esentepe, Sisli İstanbul, 34394 Turkey  
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 21, 2022, and testing was started from Jul. 26, 2022 and completed on Sep. 19, 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 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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## 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	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

**Declaration of Conformity:**

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

**Comments and Explanations:**

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

**Reviewed by: Sam Chen****Report Producer: Sandy Chuang**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2
5.15-5.25GHz	802.11n HT20	20	2
5.15-5.25GHz	802.11n HT20-BF	20	2
5.15-5.25GHz	802.11ac VHT20	20	2
5.15-5.25GHz	802.11ac VHT20-BF	20	2
5.15-5.25GHz	802.11ax HEW20	20	2
5.15-5.25GHz	802.11ax HEW20-BF	20	2
5.15-5.25GHz	802.11n HT40	40	2
5.15-5.25GHz	802.11n HT40-BF	40	2
5.15-5.25GHz	802.11ac VHT40	40	2
5.15-5.25GHz	802.11ac VHT40-BF	40	2
5.15-5.25GHz	802.11ax HEW40	40	2
5.15-5.25GHz	802.11ax HEW40-BF	40	2
5.15-5.25GHz	802.11ac VHT80	80	2
5.15-5.25GHz	802.11ac VHT80-BF	80	2
5.15-5.25GHz	802.11ax HEW80	80	2



<b>Band</b>	<b>Mode</b>	<b>BWch (MHz)</b>	<b>Nant</b>
5.15-5.25GHz	802.11ax HEW80-BF	80	2
5.15-5.35GHz	802.11ac VHT160	160	2
5.15-5.35GHz	802.11ac VHT160-BF	160	2
5.15-5.35GHz	802.11ax HEW160	160	2
5.15-5.35GHz	802.11ax HEW160-BF	160	2
5.25-5.35GHz	802.11a	20	2
5.25-5.35GHz	802.11n HT20	20	2
5.25-5.35GHz	802.11n HT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20	20	2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ax HEW20	20	2
5.25-5.35GHz	802.11ax HEW20-BF	20	2
5.25-5.35GHz	802.11n HT40	40	2
5.25-5.35GHz	802.11n HT40-BF	40	2
5.25-5.35GHz	802.11ac VHT40	40	2
5.25-5.35GHz	802.11ac VHT40-BF	40	2
5.25-5.35GHz	802.11ax HEW40	40	2
5.25-5.35GHz	802.11ax HEW40-BF	40	2
5.25-5.35GHz	802.11ac VHT80	80	2
5.25-5.35GHz	802.11ac VHT80-BF	80	2
5.25-5.35GHz	802.11ax HEW80	80	2
5.25-5.35GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11a	20	2
5.47-5.725GHz	802.11n HT20	20	2
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	2
5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT80	80	2
5.47-5.725GHz	802.11ac VHT80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	2
5.47-5.725GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11ac VHT160	160	2



<b>Band</b>	<b>Mode</b>	<b>BWch (MHz)</b>	<b>Nant</b>
5.47-5.725GHz	802.11ac VHT160-BF	160	2
5.47-5.725GHz	802.11ax HEW160	160	2
5.47-5.725GHz	802.11ax HEW160-BF	160	2
5.725-5.85GHz	802.11a	20	2
5.725-5.85GHz	802.11n HT20	20	2
5.725-5.85GHz	802.11n HT20-BF	20	2
5.725-5.85GHz	802.11ac VHT20	20	2
5.725-5.85GHz	802.11ac VHT20-BF	20	2
5.725-5.85GHz	802.11ax HEW20	20	2
5.725-5.85GHz	802.11ax HEW20-BF	20	2
5.725-5.85GHz	802.11n HT40	40	2
5.725-5.85GHz	802.11n HT40-BF	40	2
5.725-5.85GHz	802.11ac VHT40	40	2
5.725-5.85GHz	802.11ac VHT40-BF	40	2
5.725-5.85GHz	802.11ax HEW40	40	2
5.725-5.85GHz	802.11ax HEW40-BF	40	2
5.725-5.85GHz	802.11ac VHT80	80	2
5.725-5.85GHz	802.11ac VHT80-BF	80	2
5.725-5.85GHz	802.11ax HEW80	80	2
5.725-5.85GHz	802.11ax HEW80-BF	80	2

**Note:**

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



**1.1.2 Antenna Information**

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	6GHz					
1	1	1	-	Galtronics	A00	Off-Board Internal Dipole	I-PEX MHF (u.FL)	Note 1
2	2	2	-	Galtronics	A11	Off-Board Internal Dipole	I-PEX MHF (u.FL)	
3	-	-	1	Galtronics	A0X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	
4	-	-	2	Galtronics	A1X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	
5	-	-	3	Galtronics	A2X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	
6	-	-	4	Galtronics	A3X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	5.41	5.06	4.26	5.01	4.76	-	-	-	-
2	2.96	2.91	3.33	3.97	3.8	-	-	-	-
3	-	-	-	-	-	4.06	3.64	4.3	3.51
4	-	-	-	-	-	1.65	1.44	2.31	2.08
5	-	-	-	-	-	2.58	1.31	2.03	2.7
6	-	-	-	-	-	2.51	2.82	3.53	3.79

	Directional Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
2T1S	5.46	5.11	4.47	5.29	4.79
2T2S	5.41	5.06	4.26	5.01	4.76





	Directional Gain (dBi)			
	WLAN 6GHz			
	UNII 5	UNII 6	UNII 7	UNII 8
4T1S	4.31	3.97	4.33	3.94
4T2S	4.06	3.64	4.30	3.79
4T4S	4.06	3.64	4.30	3.79

Note 2: The EUT has six antennas.

Note 3: The above information (excepting antenna gain) was declared by manufacturer.

Note 4: Maximum Directional Gain following KDB662911 D03.

Note 5: The antenna 3~6 were not enabled, because the EUT doesn't enable the 6GHz band at this time.

**For 2.4GHz:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

**For 5GHz UNII 1~3:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.



### 1.1.3 Mode Test Duty Cycle

<For Non-beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.958	0.19	2.066m	1k

<For Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.945	0.25	3.829m	300
802.11ax HEW40-BF	0.957	0.19	4.35m	300
802.11ax HEW80-BF	0.964	0.16	4.136m	300
802.11ax HEW160-BF	0.961	0.17	5.149m	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			
<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 UNII 1~UNII 3.			
<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>Test Software Version</b>	accessMTool(3.2.1.3)			

Note: The above information was declared by manufacturer.

### 1.1.5 Table for EUT supports function

Function	Supports type	Support Band
AP Router	Master	2.4GHz / 5GHz
Mesh	Master	5GHz

Note: The AP Router was selected to test.



### 1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013
- ◆ FCC KDB 789033 D02 v02r01

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

- ◆ FCC KDB 662911 D03 v01
- ◆ FCC KDB 412172 D01 v01r01
- ◆ 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	Jay Lo	24.1-24.6 / 62-69	Aug. 02, 2022~ Sep. 19, 2022
Radiated below 1GHz	03CH05-CB	Simmon Cheng	24.6~25.5 / 63~68	Aug. 23, 2022
Radiated above 1GHz (For Co-location)	03CH05-CB	Eason Chen	24.9~26.4 / 62~65	Jul. 26, 2022~Sep. 13, 2022
Radiated above 1GHz (For Others)	03CH01-CB	Eason Chen	23.7~24.8 / 67~68	Jul. 26, 2022~Sep. 13, 2022
	03CH04CB	Eason Chen	24.6~25.7 / 60~63	Jul. 26, 2022~Sep. 13, 2022
AC Conduction	CO01-CB	Dean Chang	23~24 / 56~57	Aug. 26, 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 Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
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

<For Non-beamforming>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	81
5200MHz	108
5240MHz	105
5260MHz	88
5300MHz	88
5320MHz	82
5500MHz	78
5580MHz	88
5700MHz	73
5720MHz Straddle 5.47-5.725GHz	88
5720MHz Straddle 5.725-5.85GHz	88
5745MHz	108
5785MHz	108
5825MHz	108



**<For Beamforming>**

<b>Mode</b>	<b>Power Setting</b>
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	88
5200MHz	108
5240MHz	105
5260MHz	89
5300MHz	89
5320MHz	87
5500MHz	81
5580MHz	88
5700MHz	72
5720MHz Straddle 5.47-5.725GHz	88
5720MHz Straddle 5.725-5.85GHz	88
5745MHz	112
5785MHz	115
5825MHz	120
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	78
5230MHz	98
5270MHz	88
5310MHz	80
5510MHz	71
5550MHz	88
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	91
5710MHz Straddle 5.725-5.85GHz	91
5755MHz	108
5795MHz	115
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	80
5290MHz	77
5530MHz	79
5610MHz	87
5690MHz Straddle 5.47-5.725GHz	91
5690MHz Straddle 5.725-5.85GHz	91
5775MHz	96
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	72
5250MHz Straddle 5.25-5.35GHz	72
5570MHz	72



Note:

- ◆ Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.
- ◆ The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been selected to test.



## 2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
<b>Operating Mode</b>	Normal Link
1	EUT (AP Router) + Adapter

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	EUT in X axis (AP Router) + Adapter
2	EUT in Y axis (AP Router) + Adapter
3	EUT in Z axis (AP Router) + Adapter
For operating mode 1 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis





The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position for Radiated measurement above 1GHz, and the worst case was found at X axis. So the measurement will follow this same test configuration.
1	EUT in X axis_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA211916-02 for Co-location RF Exposure Evaluation.	

### 2.3 EUT Operation during Test

For CTX Mode:

**<non-beamforming mode>**

The EUT was programmed to be in continuously transmitting mode.

**<beamforming mode>**

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DoS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN module and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



### 2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	AT&T (mfg. by DELTA)	EPS24R0-16	INPUT: 120V~0.725A Max 60Hz Output: 12V, 2.0A 24W

### 2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN PC	DELL	T3400	N/A
B	2.5G WAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A
D	2.5G WAN PC	DELL	T3400	N/A

For Radiated (above 1GHz):

<<For Non-beamforming>>

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

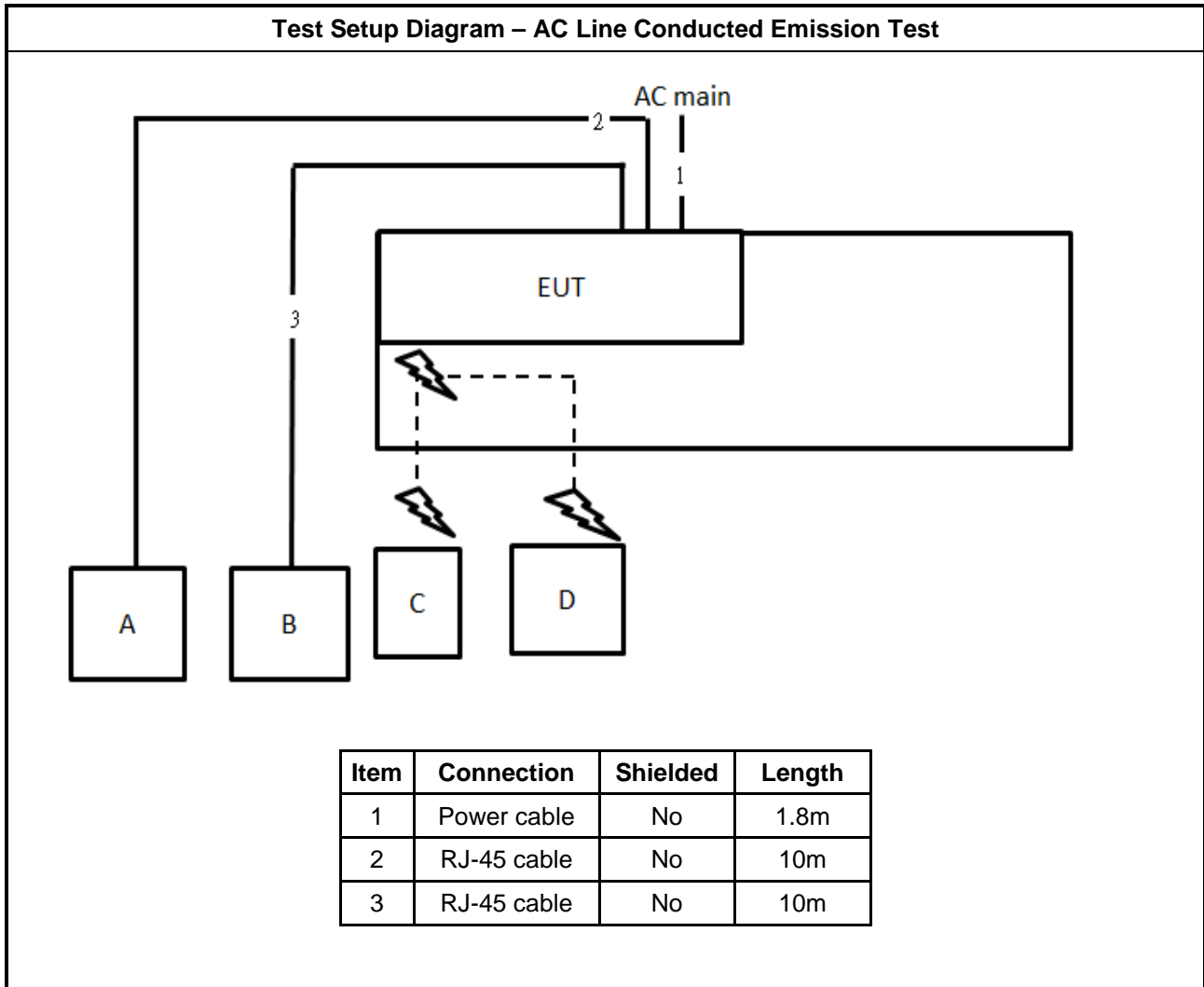
<<For Beamforming>>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN module	Intel	AX210NGW	PD9AX210NG

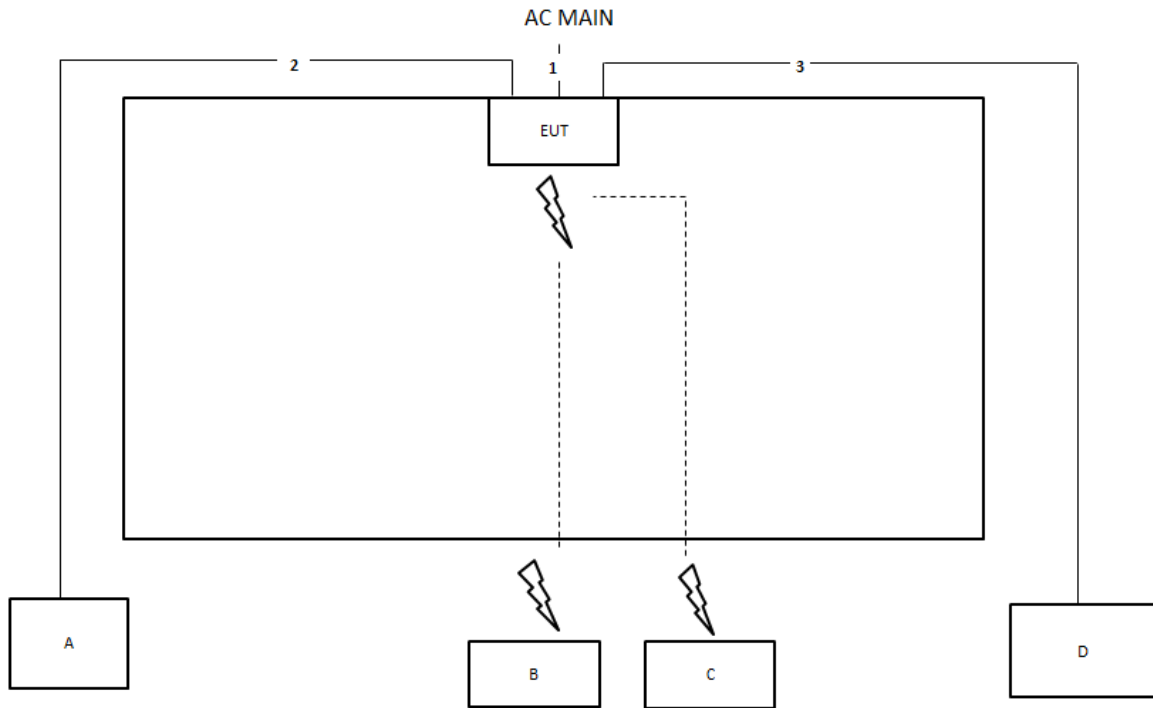
For RF Conducted:

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

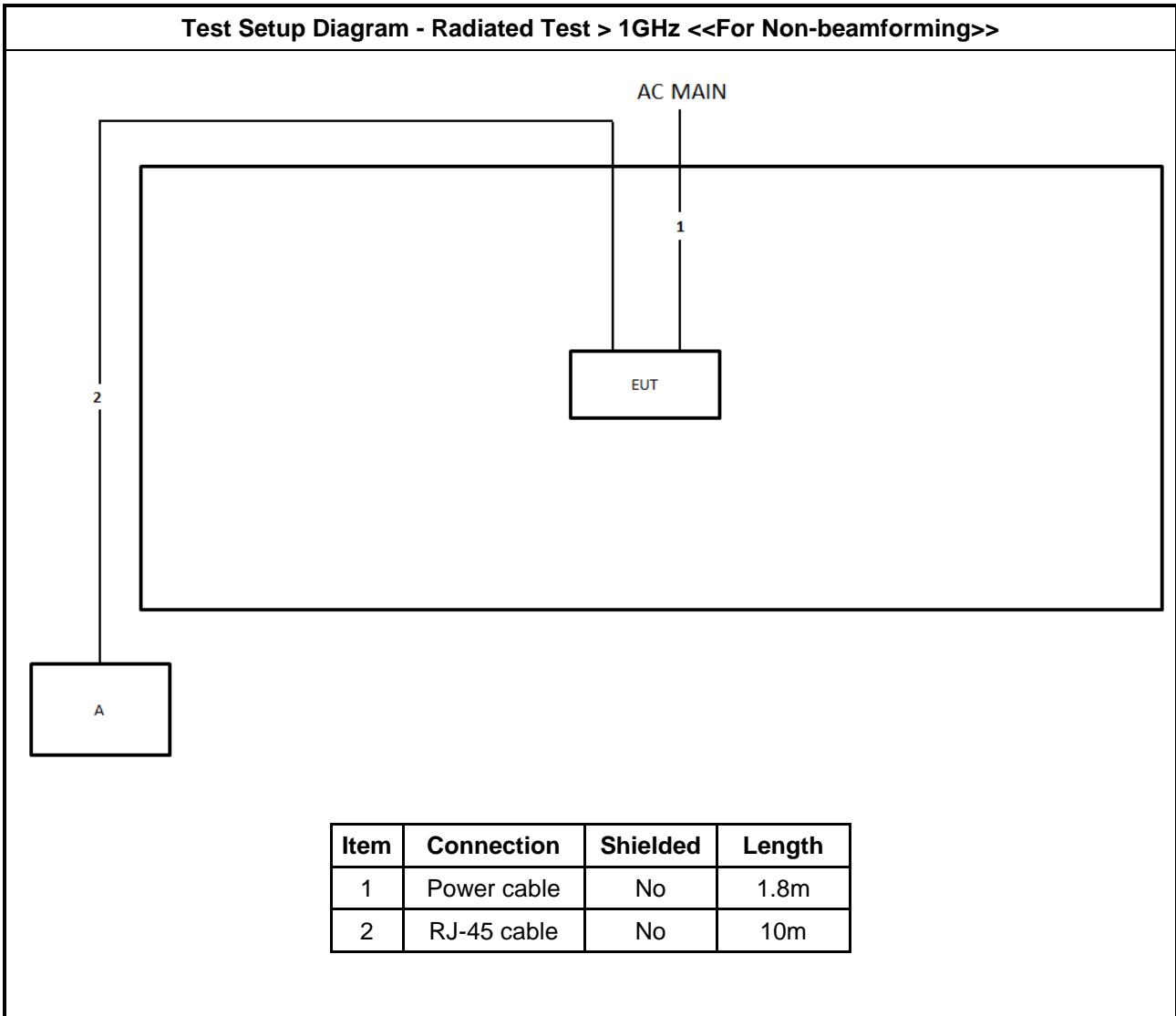
## 2.6 Test Setup Diagram



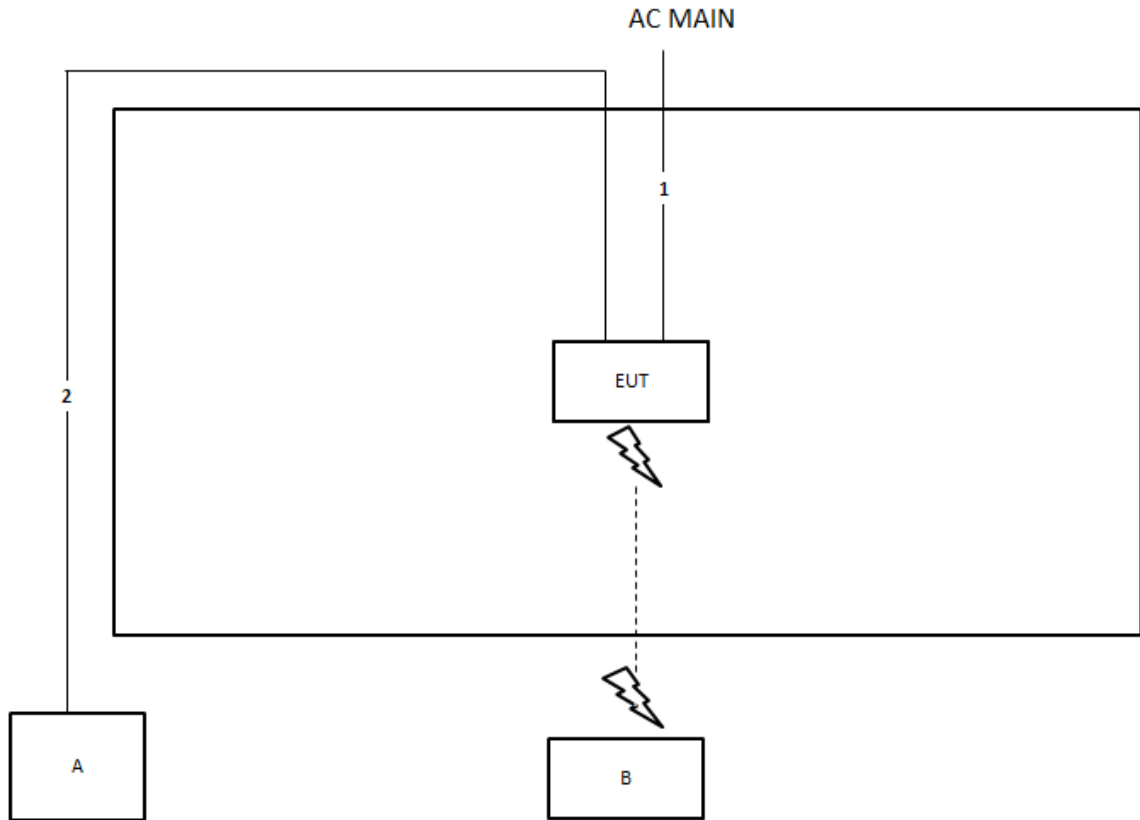
**Test Setup Diagram - Radiated Test < 1GHz**



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



**Test Setup Diagram - Radiated Test > 1GHz <<For Beamforming>>**



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



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: \* Decreases with the logarithm of the frequency.

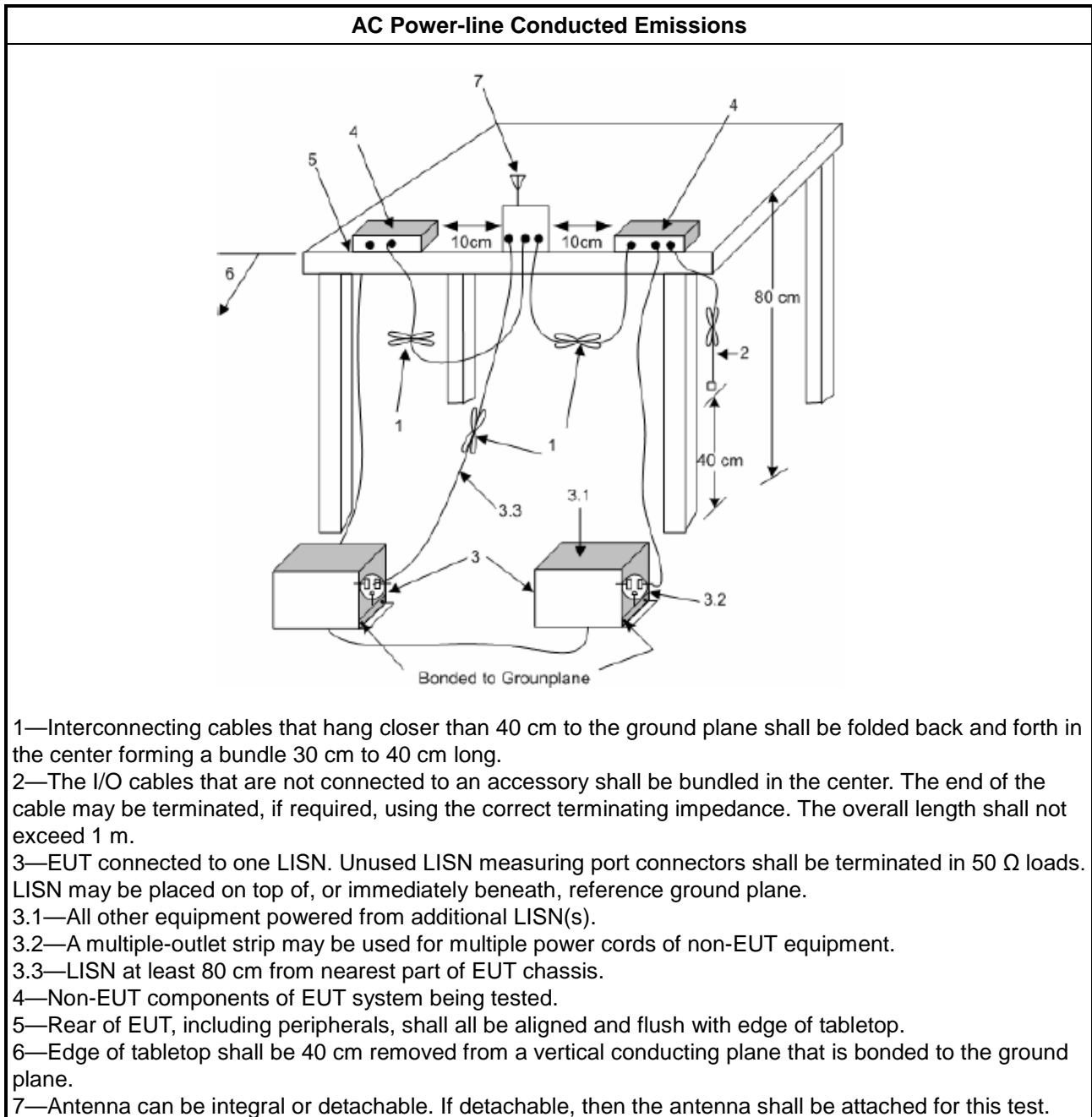
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

### 3.1.4 Test Setup



### 3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

### 3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A





### 3.2 Emission Bandwidth

#### 3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
<input type="checkbox"/>	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
<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.

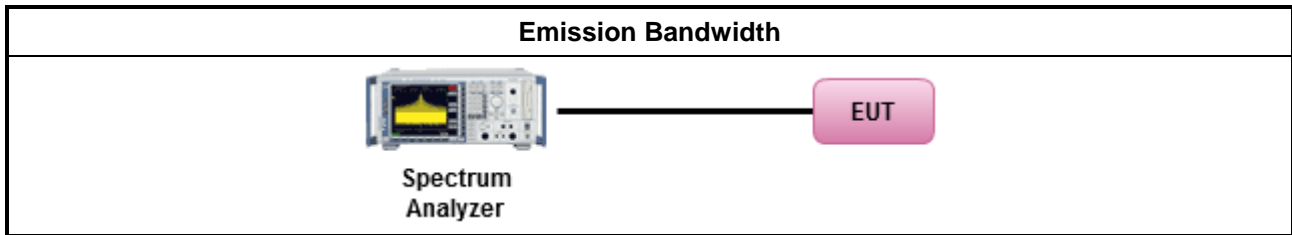
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Output Power

#### 3.3.1 Limit

<b>Maximum Output Power Limit</b>	
<b>UNII Devices</b>	
<input checked="" 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 125mW</math> [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 checked="" 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 <math>&lt; 36</math> dBm</li> <li>▪ Client device <math>&lt; 30</math> 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<sub>Out</sub>** = maximum conducted output power in dBm,  
**G<sub>TX</sub>** = the maximum transmitting antenna directional gain in dBi.

**3.3.2 Measuring Instruments**

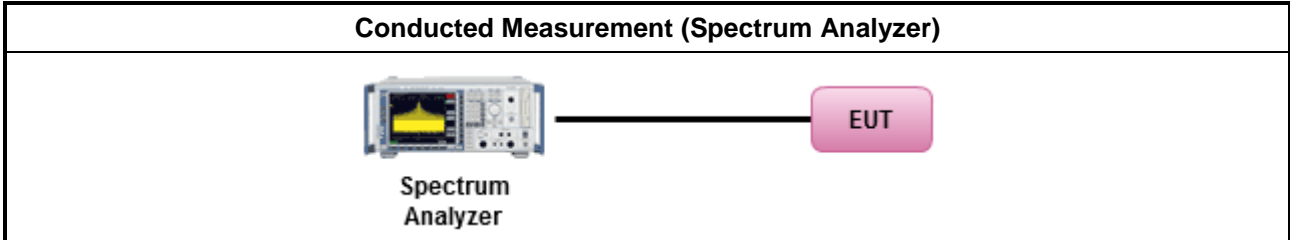
Refer a test equipment and calibration data table in this test report.

**3.3.3 Test Procedures**

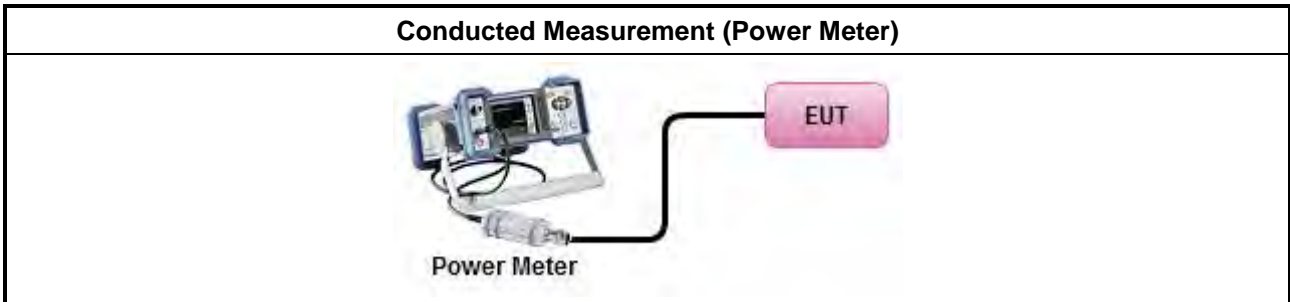
Test Method	
	Average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband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

### 3.3.4 Test Setup

For Straddle channel



For Others channel



### 3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



### 3.4 Power Spectral Density

#### 3.4.1 Limit

<b>Peak Power Spectral Density Limit</b>	
<b>UNII Devices</b>	
<input checked="" 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 checked="" 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> ; <math>-13 - 0.716 (\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 = peak power spectral density that he same method as used to determine the conducted output</b>	



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.

### **3.4.2 Measuring Instruments**

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



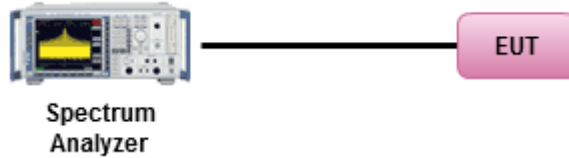
**3.4.3 Test Procedures**

<b>Test Method</b>	
<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, F5) 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])  <math>EIRP_{total} = PPSD_{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> </ul>	
<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>	



**Test Method**

- Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

**3.4.4 Test Setup****Conducted Measurement****3.4.5 Test Result of Power Spectral Density**

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
<input type="checkbox"/> 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an



	<p>e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.</p> <p>(iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.</p>
<p>Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</p>	

**3.5.2 Measuring Instruments**

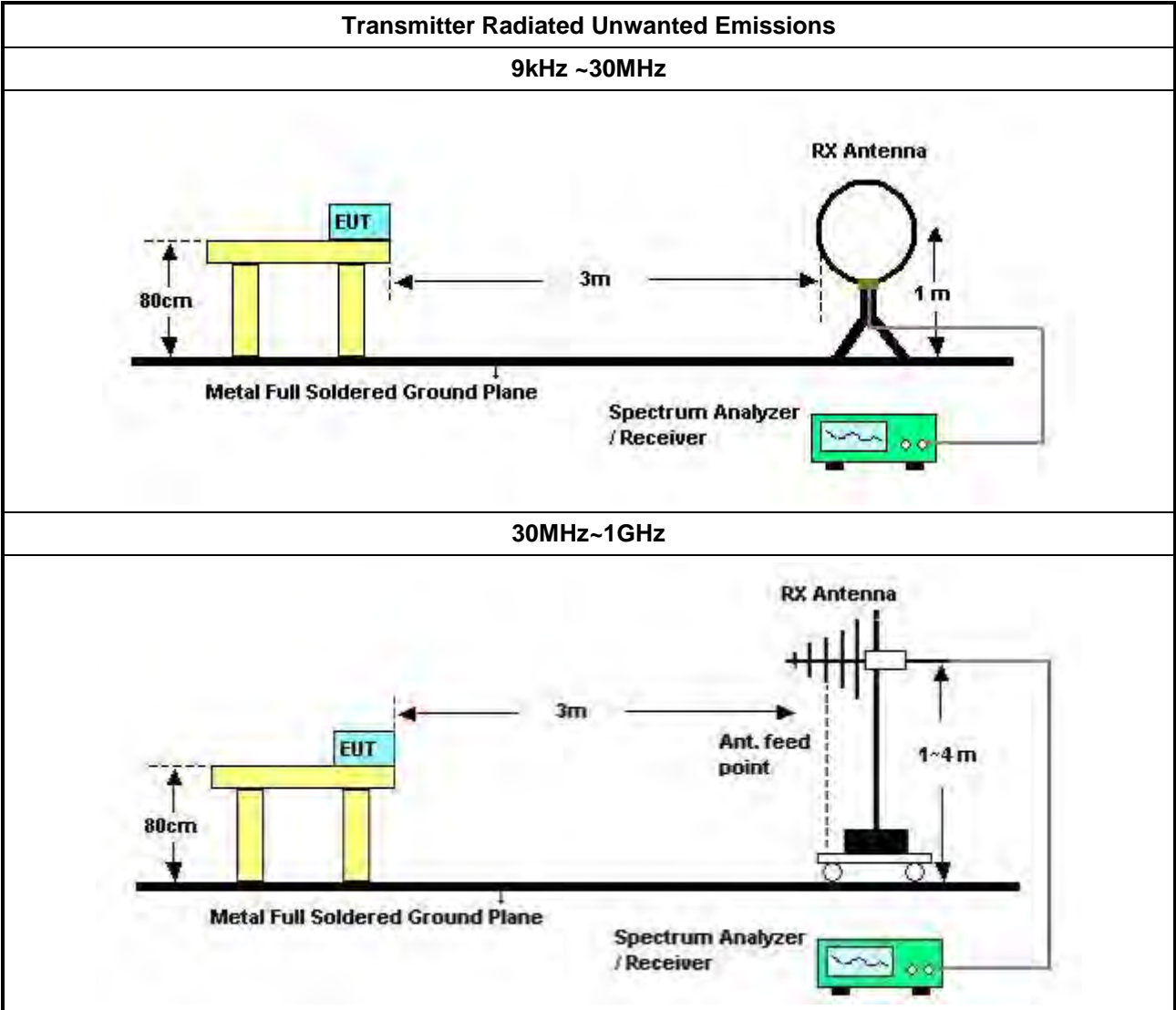
Refer a test equipment and calibration data table in this test report.

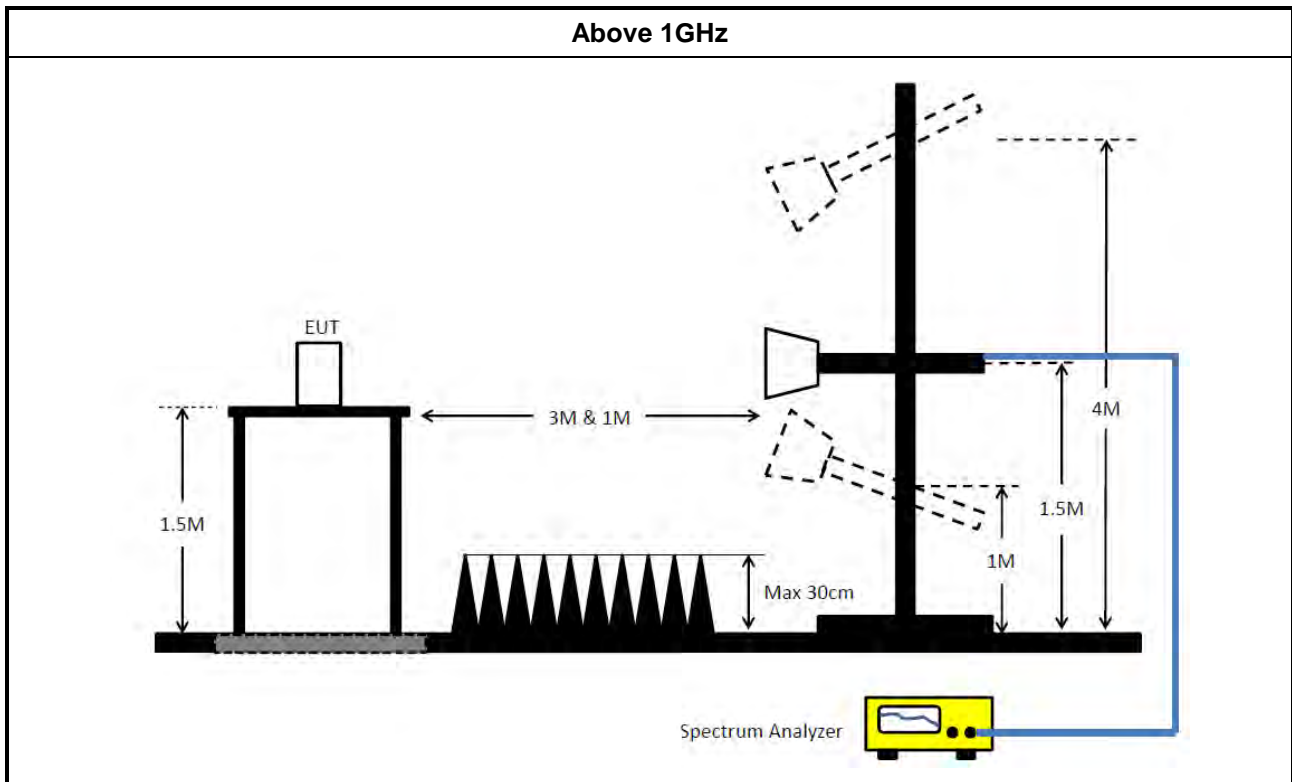
**3.5.3 Test Procedures**

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:               <ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.                   <ul style="list-style-type: none"> <li><input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).</li> <li><input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.</li> <li><input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.</li> </ul> </li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>▪ For radiated measurement.               <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> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul> </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
<ul style="list-style-type: none"> <li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>

### 3.5.4 Test Setup





### 3.5.5 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.

### 3.5.6 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.

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)





Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz-40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	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)
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.

N.C.R. means Non-Calibration required.

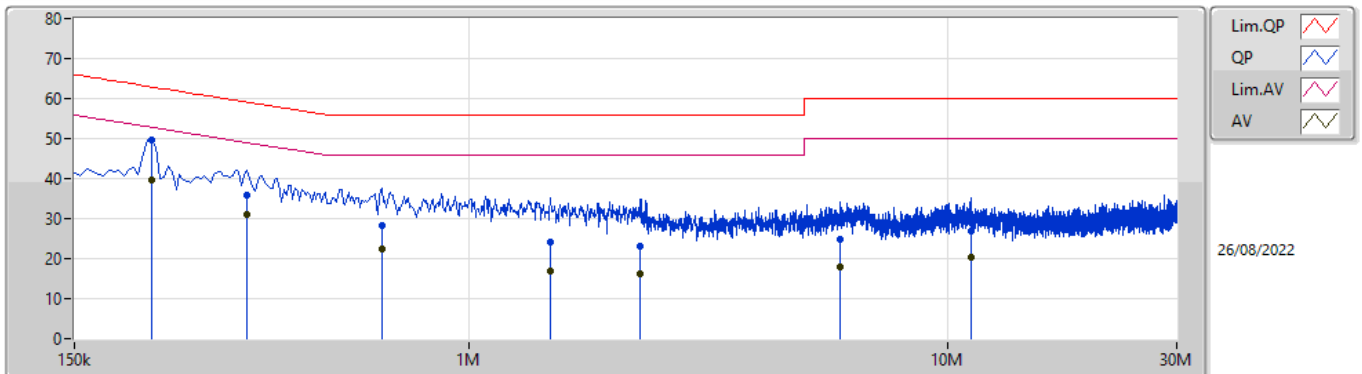




**Summary**

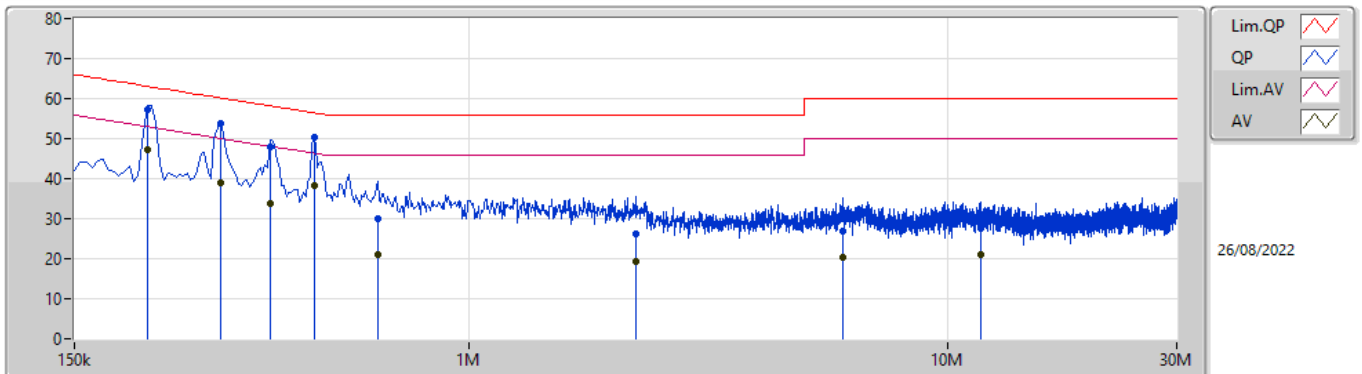
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	213k	57.30	63.09	-5.79	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	217.5k	49.49	62.92	-13.43	9.99	Line	-	39.50	0.06	0.04	9.89
AV	217.5k	39.53	52.92	-13.39	9.99	Line	"Worst"	29.54	0.06	0.04	9.89
QP	343.5k	35.79	59.12	-23.33	10.01	Line	-	25.78	0.06	0.06	9.89
AV	343.5k	30.89	49.12	-18.23	10.01	Line	-	20.88	0.06	0.06	9.89
QP	658.5k	28.24	56.00	-27.76	10.01	Line	-	18.23	0.07	0.05	9.89
AV	658.5k	22.42	46.00	-23.58	10.01	Line	-	12.41	0.07	0.05	9.89
QP	1.478M	24.12	56.00	-31.88	10.04	Line	-	14.08	0.08	0.07	9.89
AV	1.478M	16.95	46.00	-29.05	10.04	Line	-	6.91	0.08	0.07	9.89
QP	2.279M	23.26	56.00	-32.74	10.08	Line	-	13.18	0.10	0.09	9.89
AV	2.279M	16.29	46.00	-29.71	10.08	Line	-	6.21	0.10	0.09	9.89
QP	5.964M	24.91	60.00	-35.09	10.19	Line	-	14.72	0.16	0.13	9.90
AV	5.964M	18.07	50.00	-31.93	10.19	Line	-	7.88	0.16	0.13	9.90
QP	11.135M	26.99	60.00	-33.01	10.31	Line	-	16.68	0.23	0.16	9.92
AV	11.135M	20.49	50.00	-29.51	10.31	Line	-	10.18	0.23	0.16	9.92

## Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	213k	57.30	63.09	-5.79	10.00	Neutral	"Worst"	47.30	0.07	0.04	9.89
AV	213k	47.26	53.09	-5.83	10.00	Neutral	-	37.26	0.07	0.04	9.89
QP	303k	53.74	60.17	-6.43	10.01	Neutral	-	43.73	0.07	0.05	9.89
AV	303k	38.96	50.17	-11.21	10.01	Neutral	-	28.95	0.07	0.05	9.89
QP	384k	48.09	58.20	-10.11	10.02	Neutral	-	38.07	0.07	0.06	9.89
AV	384k	33.71	48.20	-14.49	10.02	Neutral	-	23.69	0.07	0.06	9.89
QP	474k	50.32	56.44	-6.12	10.02	Neutral	-	40.30	0.07	0.06	9.89
AV	474k	38.31	46.44	-8.13	10.02	Neutral	-	28.29	0.07	0.06	9.89
QP	645k	30.15	56.00	-25.85	10.02	Neutral	-	20.13	0.08	0.05	9.89
AV	645k	21.15	46.00	-24.85	10.02	Neutral	-	11.13	0.08	0.05	9.89
QP	2.225M	26.35	56.00	-29.65	10.08	Neutral	-	16.27	0.10	0.09	9.89
AV	2.225M	19.40	46.00	-26.60	10.08	Neutral	-	9.32	0.10	0.09	9.89
QP	6.036M	26.76	60.00	-33.24	10.21	Neutral	-	16.55	0.18	0.13	9.90
AV	6.036M	20.36	50.00	-29.64	10.21	Neutral	-	10.15	0.18	0.13	9.90
QP	11.666M	27.63	60.00	-32.37	10.33	Neutral	-	17.30	0.25	0.16	9.92
AV	11.666M	21.15	50.00	-28.85	10.33	Neutral	-	10.82	0.25	0.16	9.92



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	38.7M	18.951M	19M0D1D	21.51M	16.852M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.14M	17.121M	17M1D1D	21.39M	16.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.05M	17.091M	17M1D1D	15.51M	13.463M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.9M	24.918M	24M9D1D	3.18M	4.298M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	16.852M	21.51M	17.091M
5200MHz	Pass	Inf	38.7M	18.951M	37.74M	18.291M
5240MHz	Pass	Inf	38.58M	18.741M	36.66M	17.841M
5260MHz	Pass	Inf	22.02M	16.972M	21.42M	17.121M
5300MHz	Pass	Inf	22.14M	16.942M	21.39M	17.091M
5320MHz	Pass	Inf	21.9M	16.882M	21.45M	17.061M
5500MHz	Pass	Inf	21.33M	16.852M	21.39M	17.061M
5580MHz	Pass	Inf	22.05M	16.912M	21.63M	17.091M
5700MHz	Pass	Inf	21.33M	16.852M	21.48M	17.031M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	13.463M	15.51M	13.493M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.338M	3.18M	4.298M
5745MHz	Pass	500k	18.87M	24.918M	18.9M	21.439M
5785MHz	Pass	500k	18.72M	24.678M	18.9M	21.679M
5825MHz	Pass	500k	18.84M	24.318M	18.72M	21.499M

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

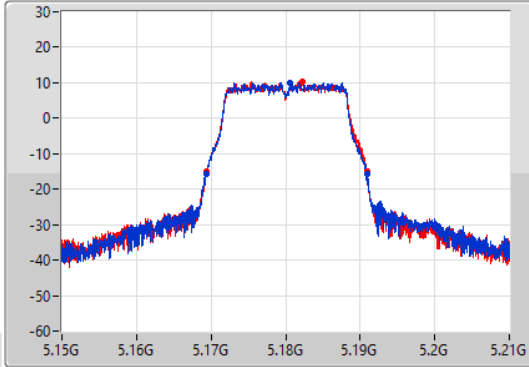
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EBW

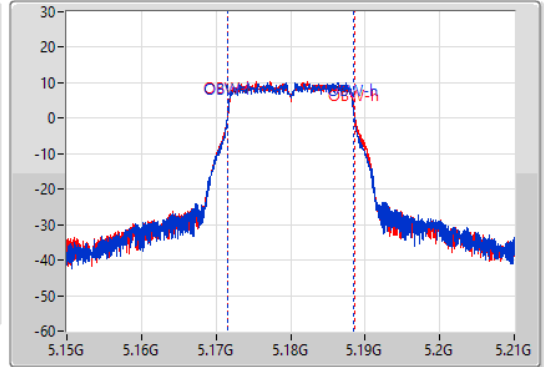
5180MHz

27/08/2022

CF: 5.18GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.18GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.16935G	5.19098G	16.852M	5.171634G	5.188486G	Inf	1
21.51M	5.16941G	5.19092G	17.091M	5.171574G	5.188666G	Inf	2

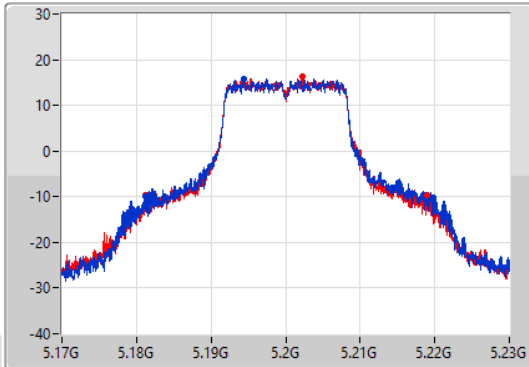
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EBW

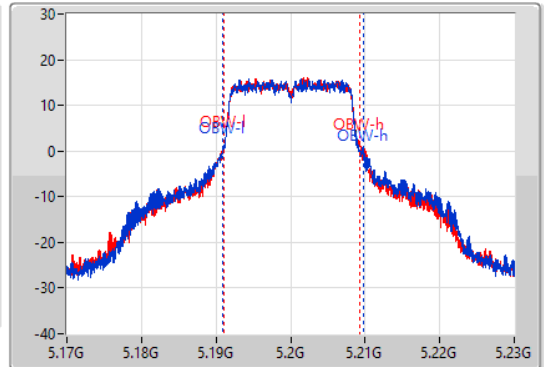
5200MHz

27/08/2022

CF: 5.2GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.2GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.7M	5.18116G	5.21986G	18.951M	5.190855G	5.209805G	Inf	1
37.74M	5.18119G	5.21893G	18.291M	5.191064G	5.209355G	Inf	2

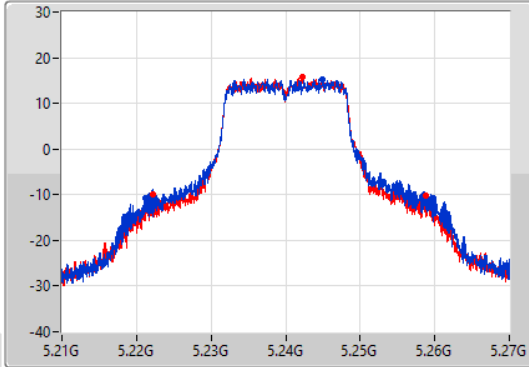
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EBW

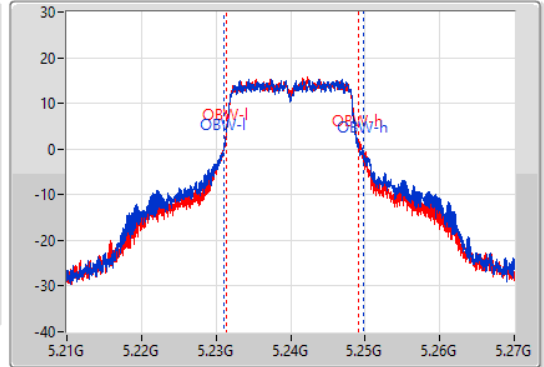
5240MHz

27/08/2022

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.58M	5.22116G	5.25974G	18.741M	5.231034G	5.249775G	Inf	1
36.66M	5.22212G	5.25878G	17.841M	5.231334G	5.249175G	Inf	2

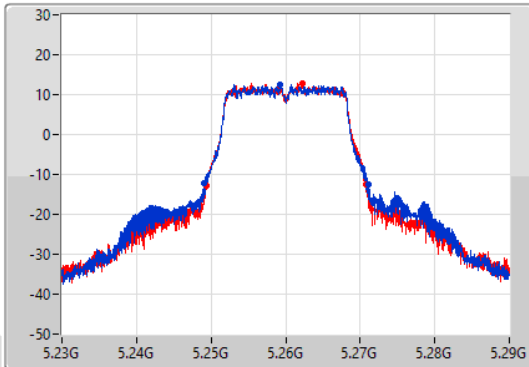
802.11a\_Nss1,(6Mbps)\_2TX

EBW

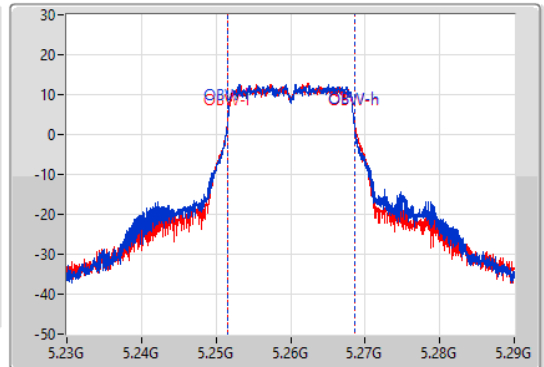
5260MHz

27/08/2022

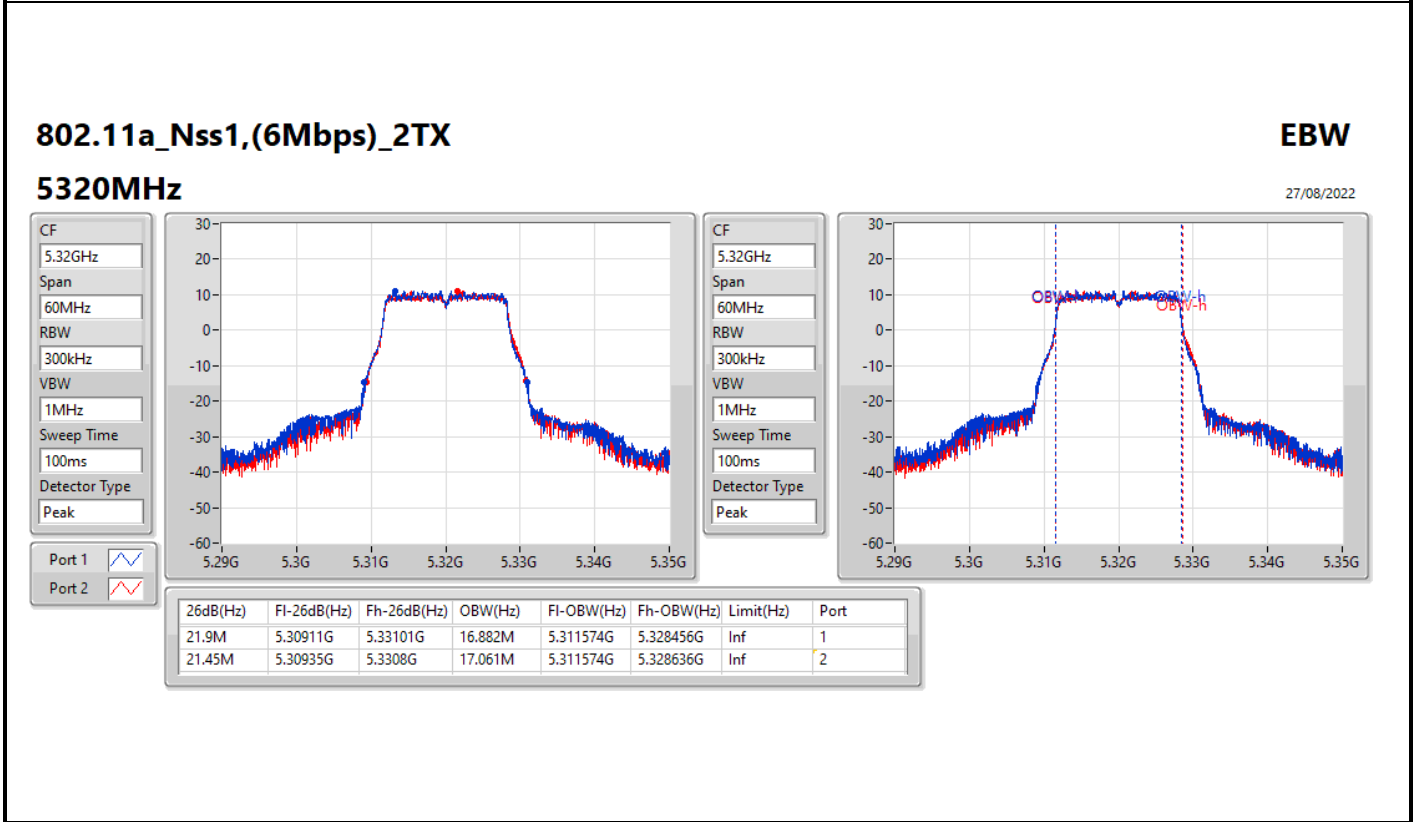
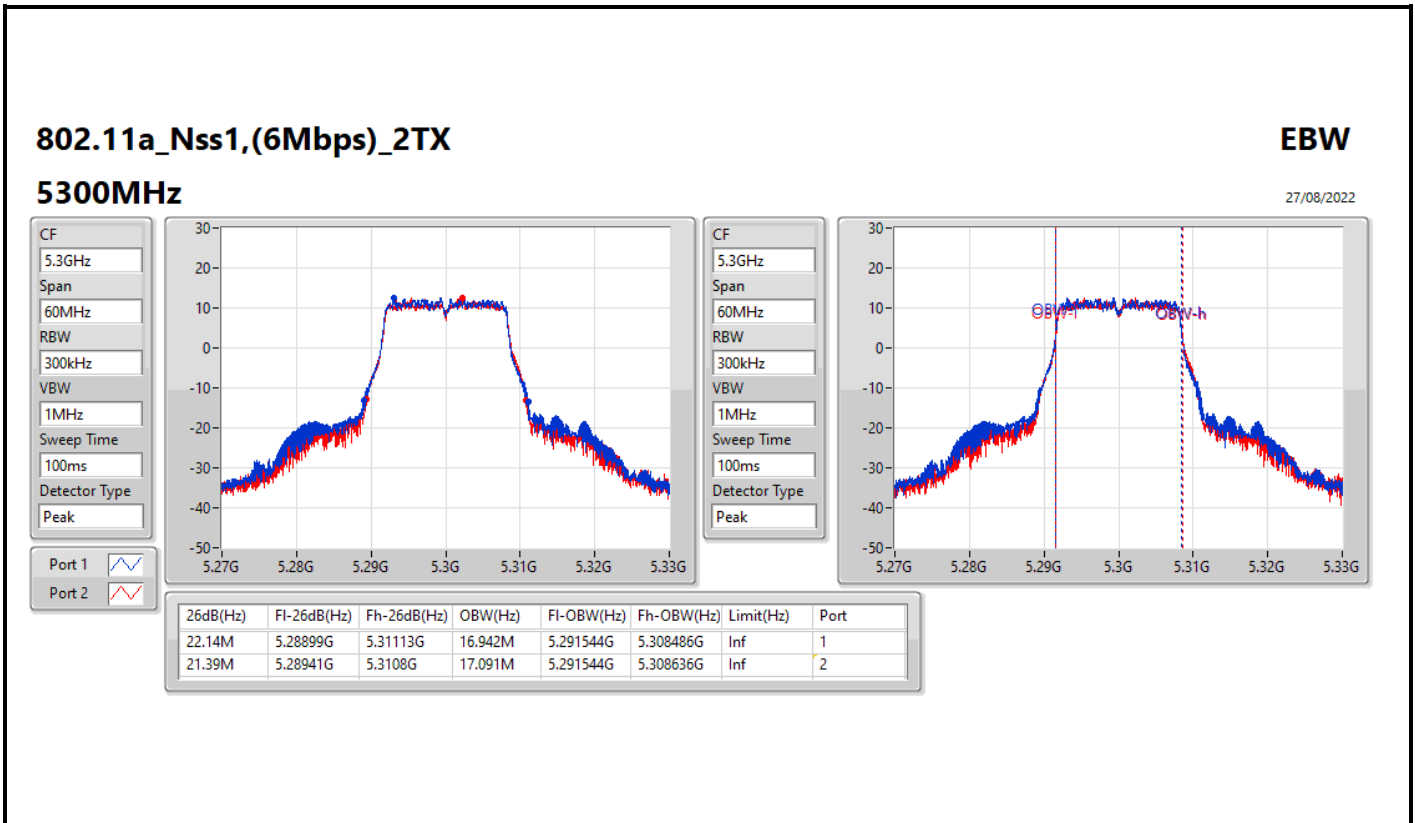
CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.24908G	5.2711G	16.972M	5.251574G	5.268546G	Inf	1
21.42M	5.24938G	5.2708G	17.121M	5.251544G	5.268666G	Inf	2





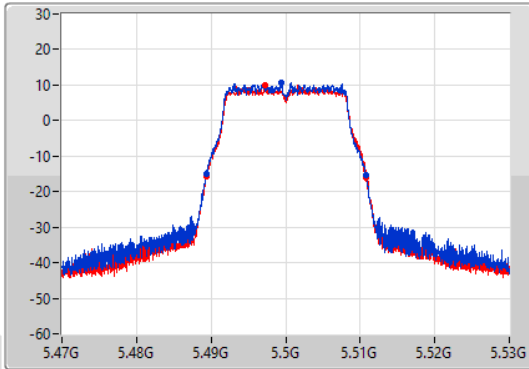
802.11a\_Nss1,(6Mbps)\_2TX

EBW

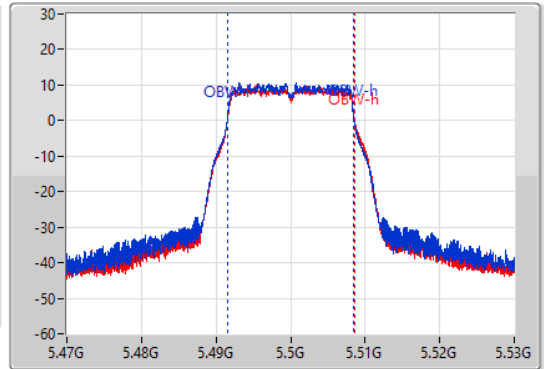
5500MHz

27/08/2022

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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.48938G	5.51071G	16.852M	5.491604G	5.508456G	Inf	1
21.39M	5.48941G	5.5108G	17.061M	5.491574G	5.508636G	Inf	2

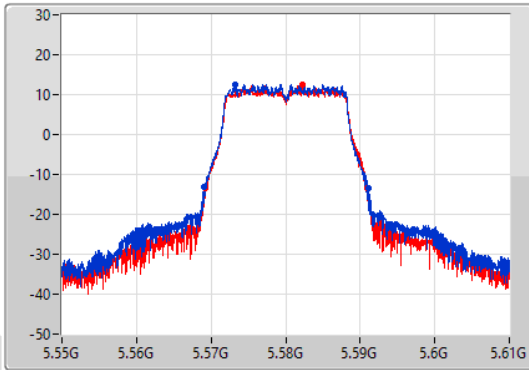
802.11a\_Nss1,(6Mbps)\_2TX

EBW

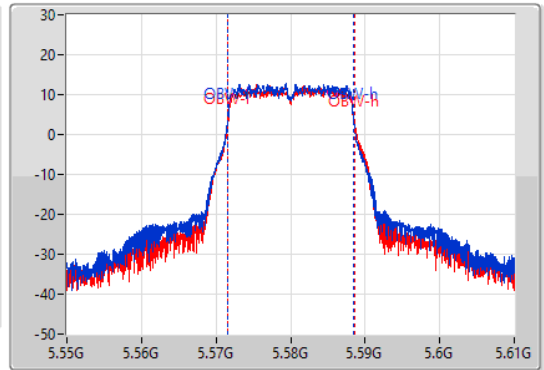
5580MHz

27/08/2022

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



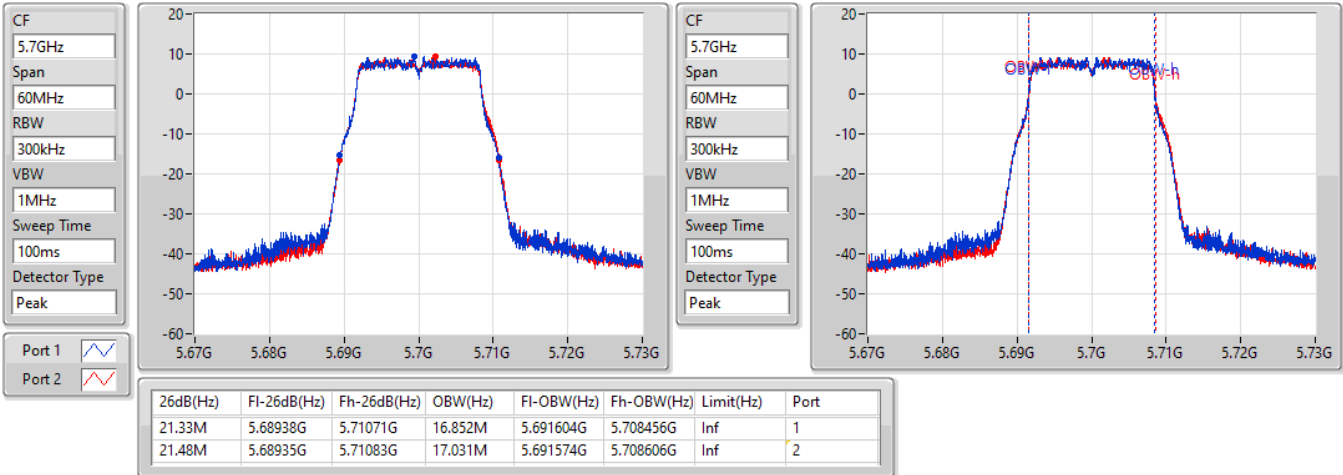
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.56908G	5.59113G	16.912M	5.571574G	5.588486G	Inf	1
21.63M	5.56929G	5.59092G	17.091M	5.571574G	5.588666G	Inf	2

802.11a\_Nss1,(6Mbps)\_2TX

EBW

5700MHz

27/08/2022

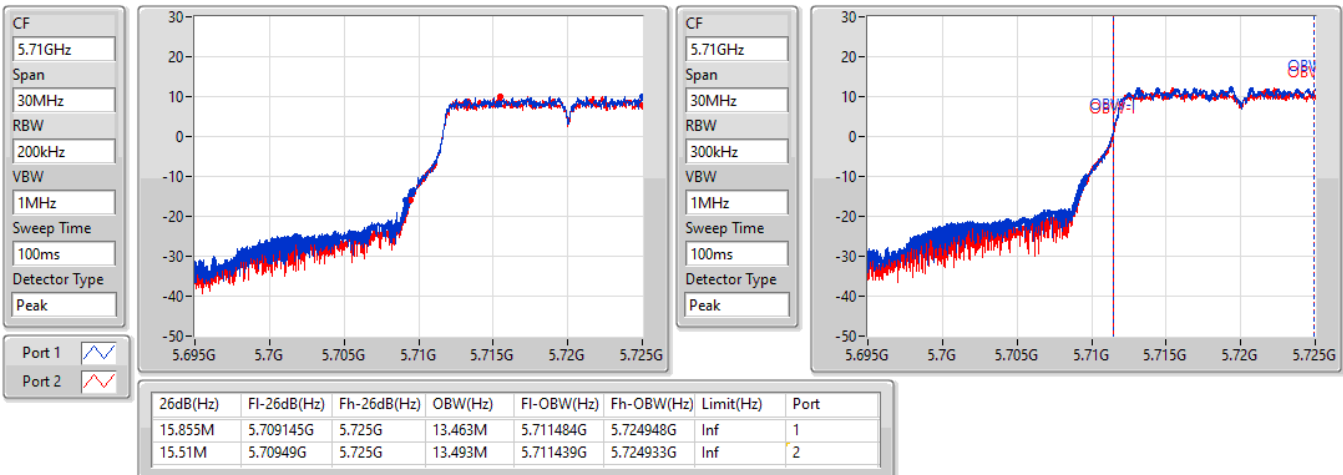


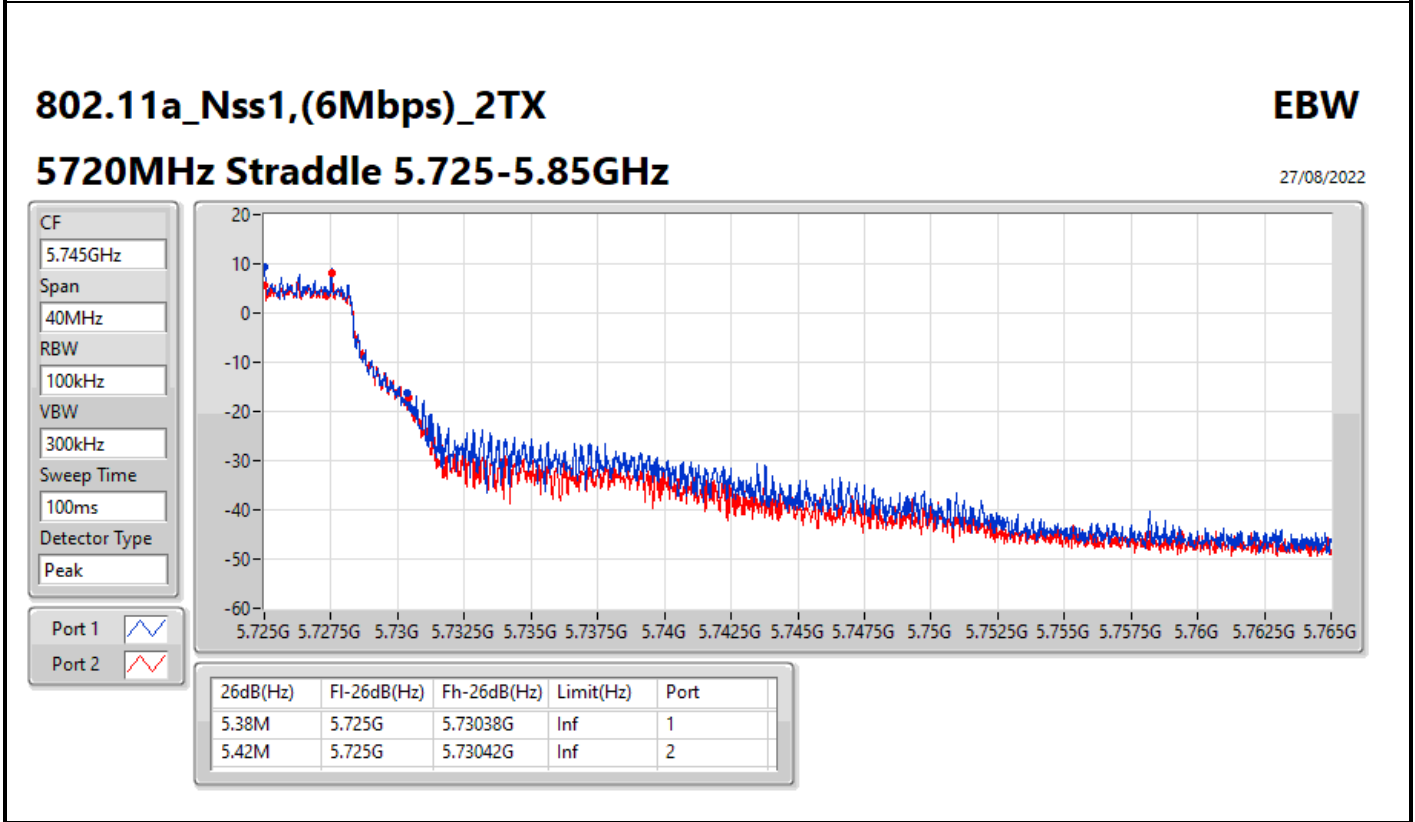
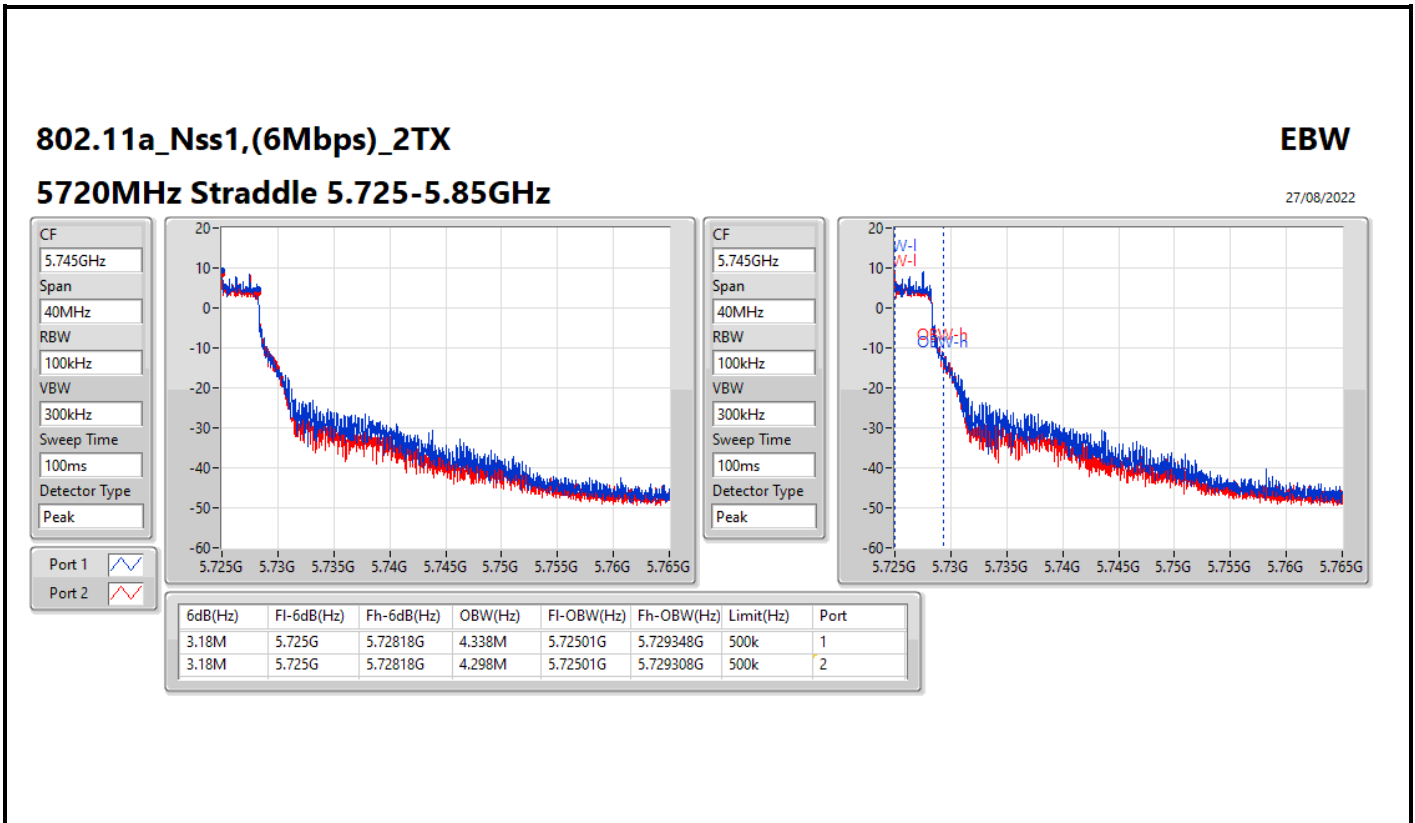
802.11a\_Nss1,(6Mbps)\_2TX

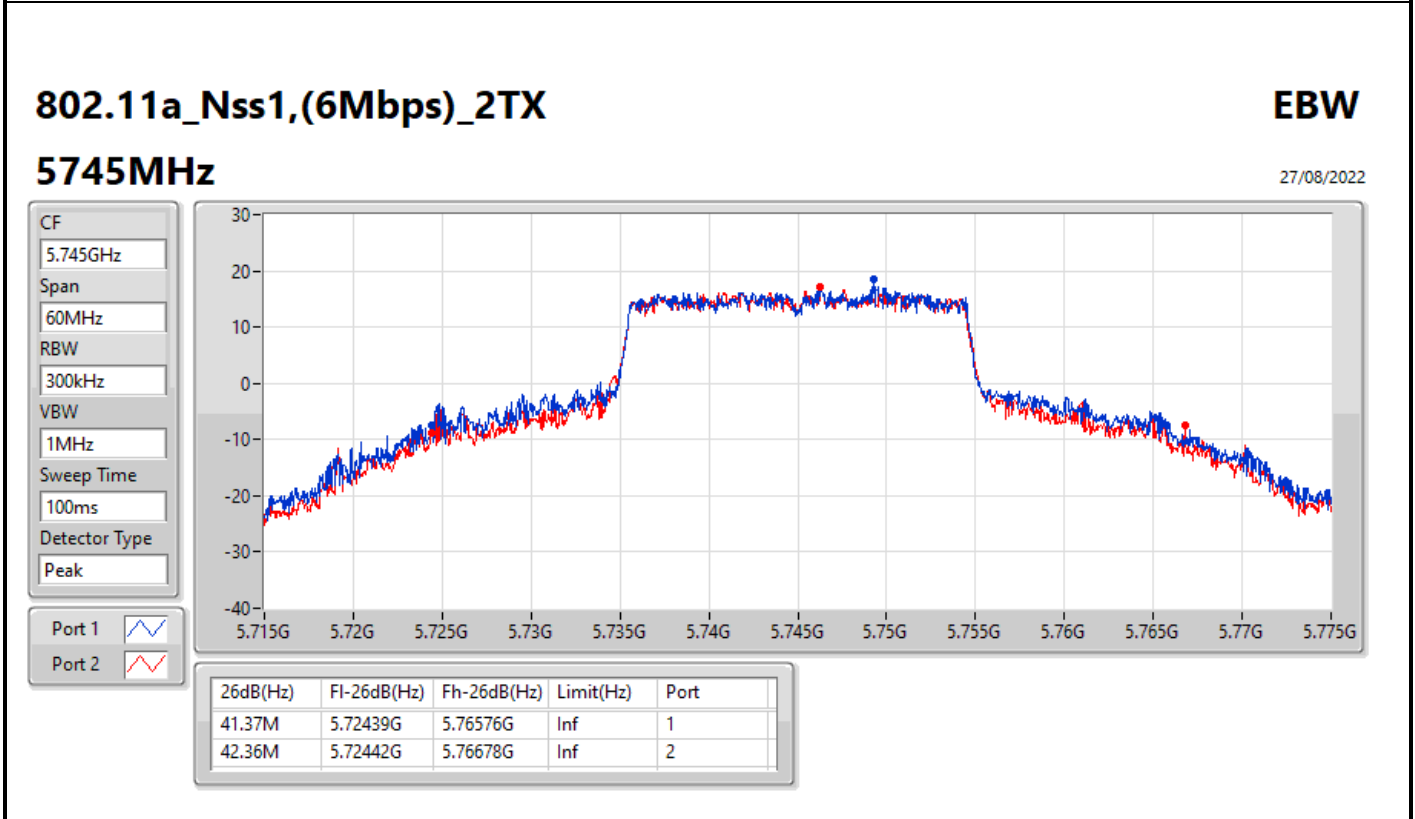
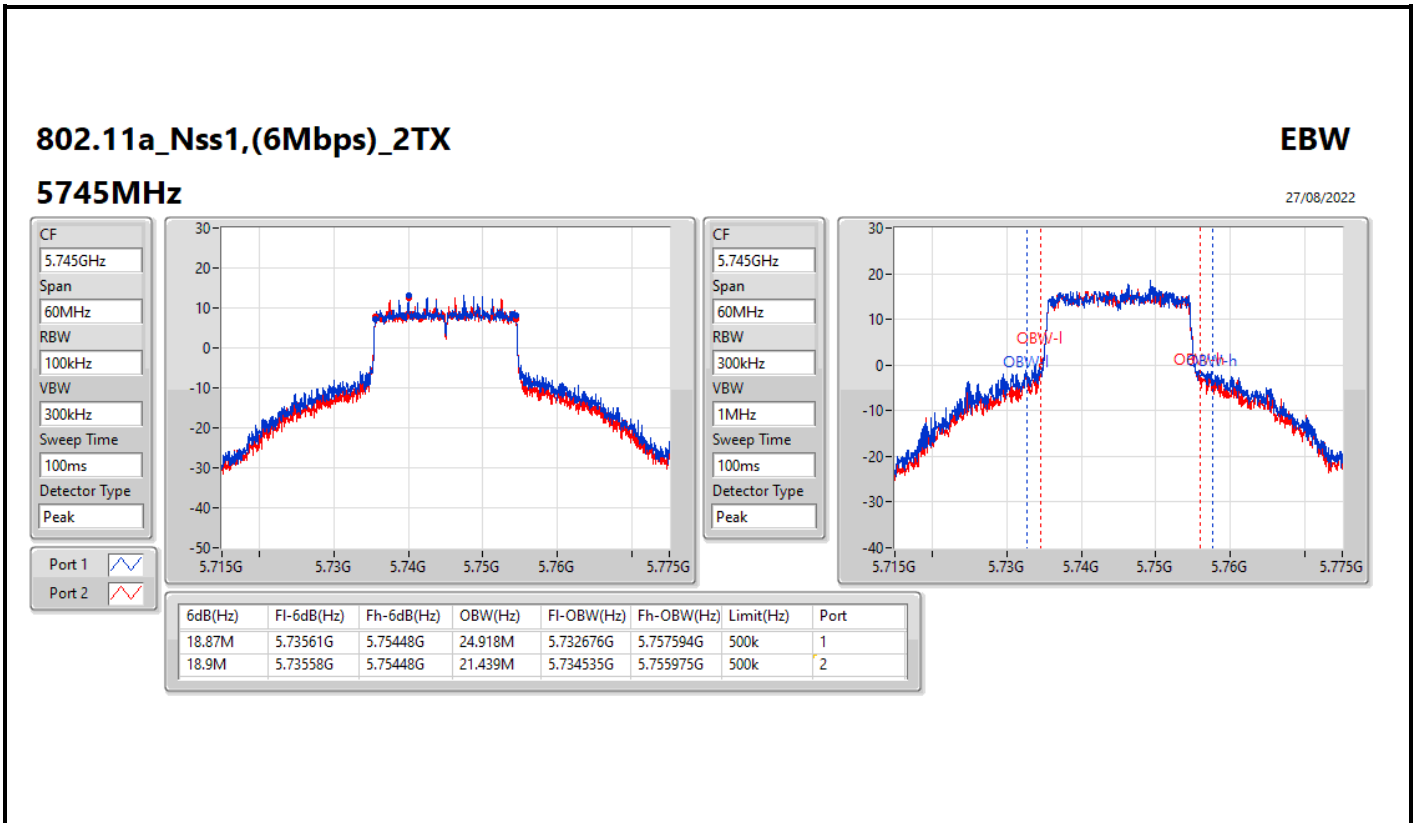
EBW

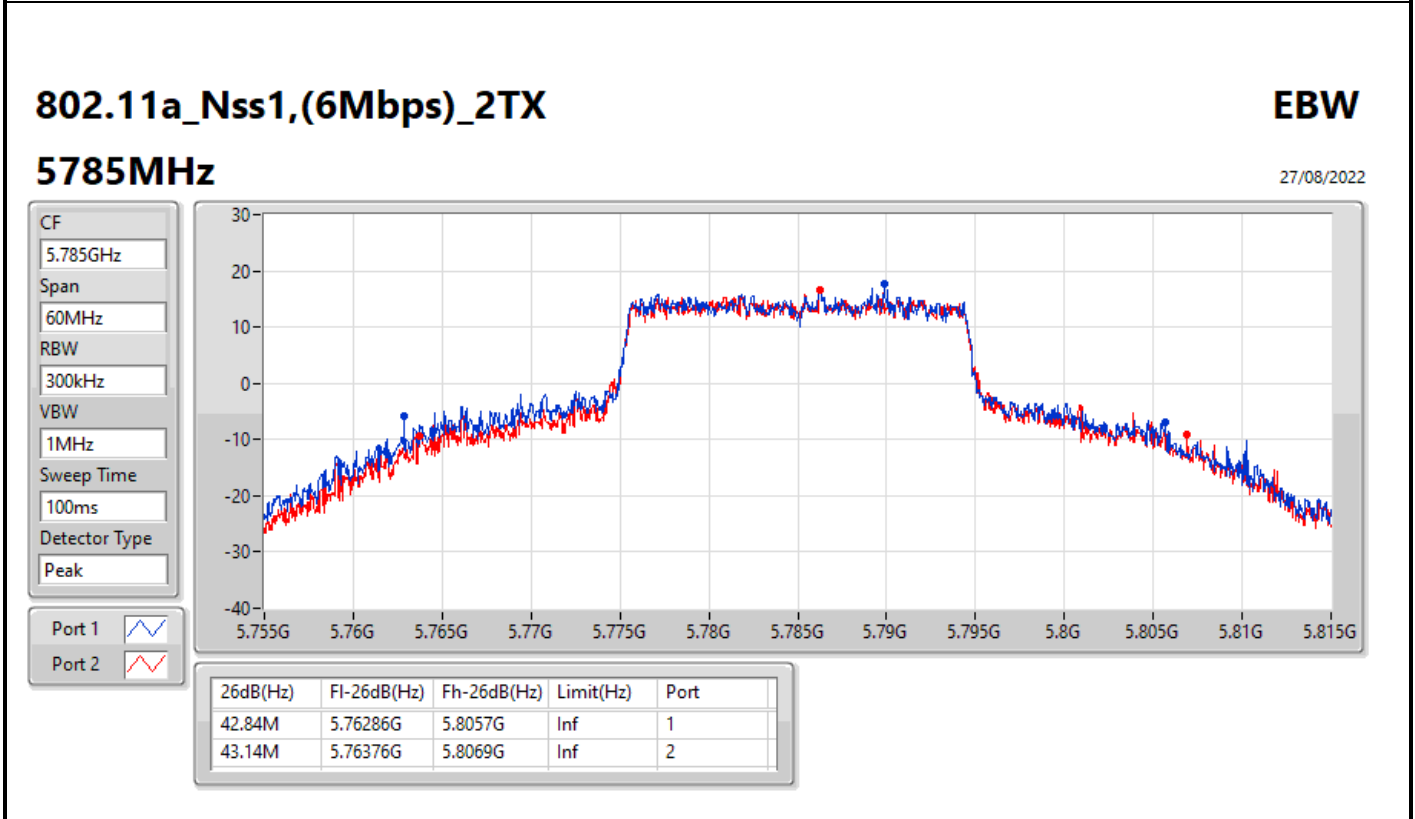
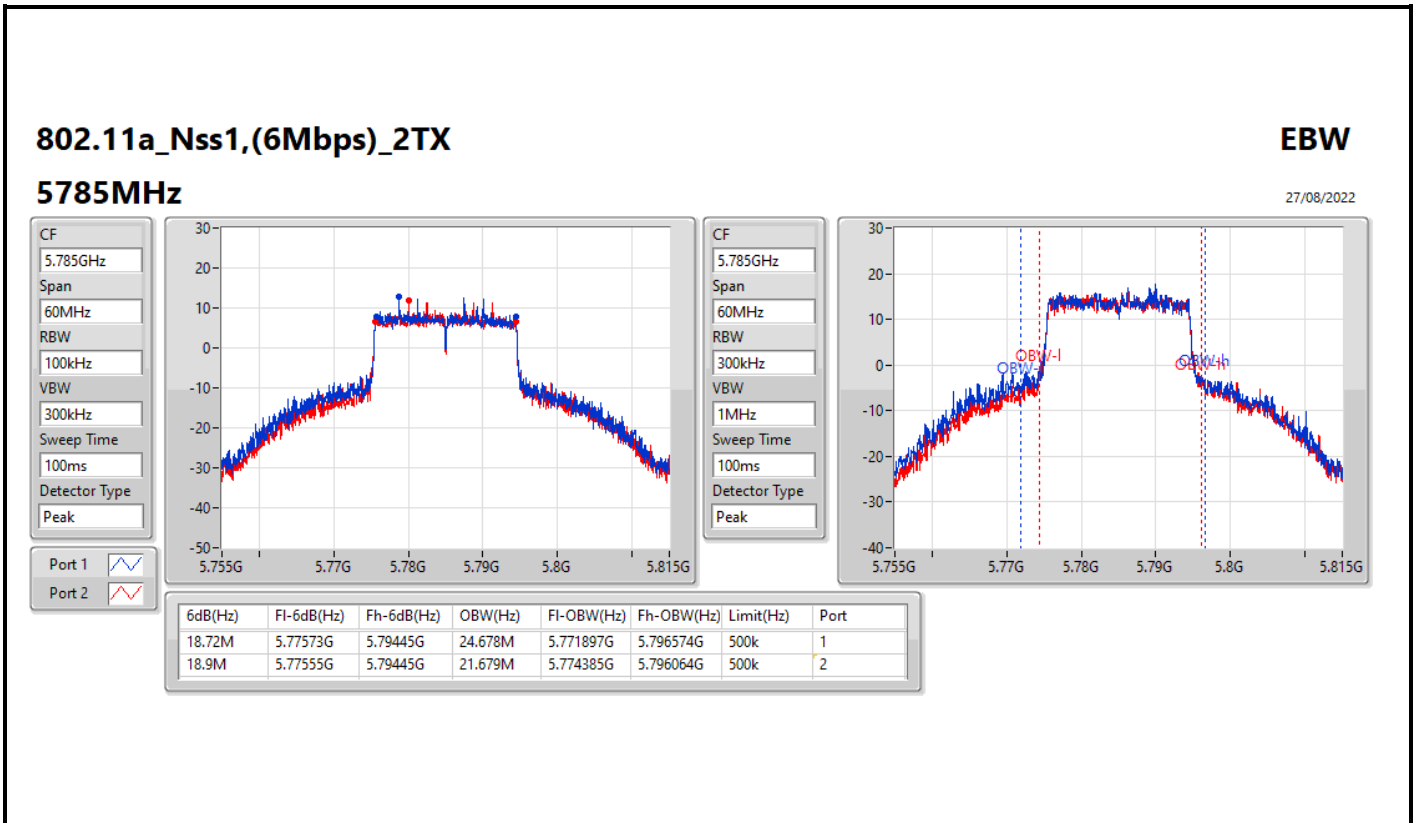
5720MHz Straddle 5.47-5.725GHz

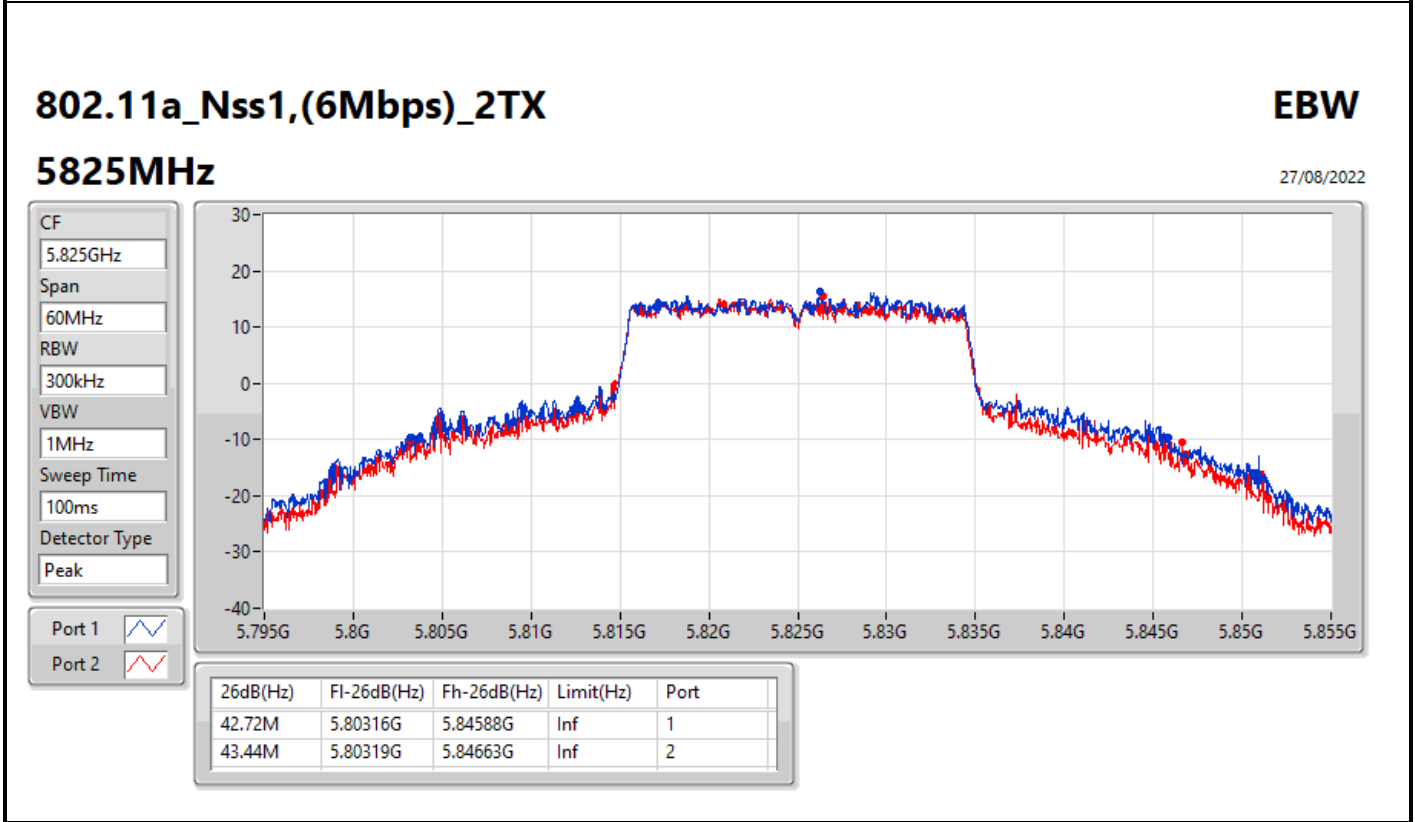
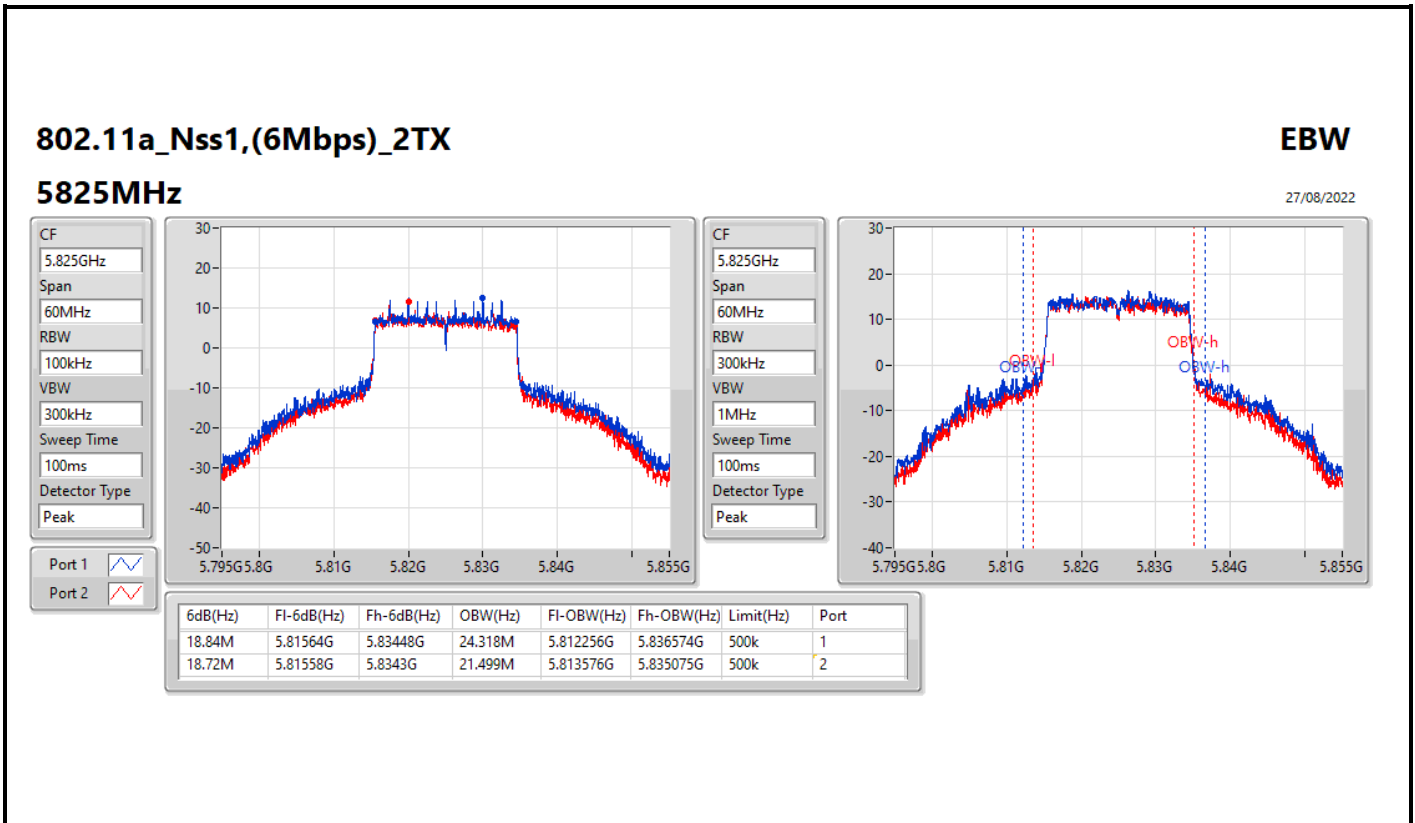
27/08/2022













Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	39.39M	19.73M	19M7D1D	21.54M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	50.52M	38.081M	38M1D1D	39.78M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.48M	77.241M	77M2D1D	81.36M	77.121M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	81.68M	77.961M	78M0D1D	81.44M	77.881M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.9M	19.19M	19M2D1D	21.48M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.14M	37.781M	37M8D1D	39.84M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.36M	77.121M	77M1D1D	81.24M	77.121M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	82.56M	78.041M	78M0D1D	82.4M	77.801M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.69M	19.16M	19M2D1D	15.555M	14.513M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.08M	37.721M	37M7D1D	34.93M	33.723M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.48M	77.121M	77M1D1D	75.525M	73.013M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	164.64M	155.682M	156MD1D	164.16M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.93M	44.678M	44M7D1D	4.5M	4.758M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.56M	69.205M	69M2D1D	3.78M	4.198M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	77.28M	77.721M	77M7D1D	3.78M	4.958M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	19.13M	21.66M	19.1M
5200MHz	Pass	Inf	37.47M	19.73M	39.39M	19.61M
5240MHz	Pass	Inf	36.78M	19.64M	38.91M	19.46M
5260MHz	Pass	Inf	21.48M	19.19M	21.69M	19.07M
5300MHz	Pass	Inf	21.9M	19.16M	21.6M	19.1M
5320MHz	Pass	Inf	21.48M	19.16M	21.66M	19.1M
5500MHz	Pass	Inf	21.42M	19.1M	21.6M	19.04M
5580MHz	Pass	Inf	21.54M	19.16M	21.6M	19.07M
5700MHz	Pass	Inf	21.54M	19.1M	21.69M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.555M	14.513M	15.72M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.858M	4.5M	4.758M
5745MHz	Pass	500k	18.45M	29.475M	18.93M	26.057M
5785MHz	Pass	500k	18.15M	44.678M	18.75M	31.094M
5825MHz	Pass	500k	16.32M	42.819M	16.98M	43.598M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.78M	37.661M	40.08M	37.781M
5230MHz	Pass	Inf	50.52M	38.081M	40.62M	38.021M
5270MHz	Pass	Inf	39.96M	37.721M	40.02M	37.781M
5310MHz	Pass	Inf	39.84M	37.721M	40.14M	37.721M
5510MHz	Pass	Inf	39.9M	37.721M	40.02M	37.661M
5550MHz	Pass	Inf	39.9M	37.661M	40.08M	37.721M
5670MHz	Pass	Inf	39.96M	37.661M	40.08M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.93M	33.723M	35.07M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.218M	3.78M	4.198M
5755MHz	Pass	500k	37.5M	50.795M	37.56M	45.157M
5795MHz	Pass	500k	36.3M	69.205M	36.96M	58.351M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	77.241M	81.36M	77.121M
5290MHz	Pass	Inf	81.24M	77.121M	81.36M	77.121M
5530MHz	Pass	Inf	81.36M	77.121M	81.36M	77.121M
5610MHz	Pass	Inf	81.48M	77.121M	81.48M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	73.013M	75.525M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	11.414M	3.78M	4.958M
5775MHz	Pass	500k	76.32M	77.721M	77.28M	77.601M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.44M	77.961M	81.68M	77.881M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	77.801M	82.4M	78.041M
5570MHz	Pass	Inf	164.16M	155.682M	164.64M	155.682M

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



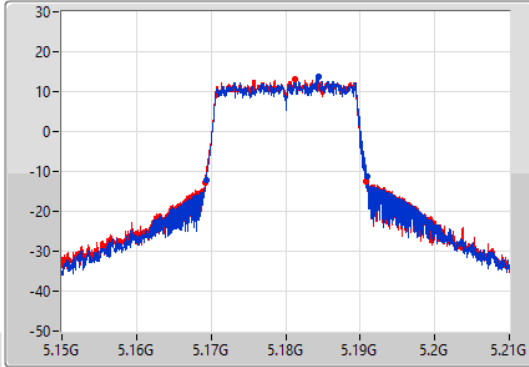
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

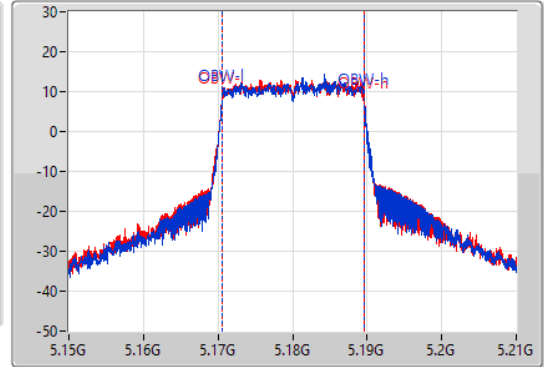
5180MHz

27/08/2022

CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.16935G	5.19089G	19.13M	5.170525G	5.189655G	Inf	1
21.66M	5.1692G	5.19086G	19.1M	5.170495G	5.189595G	Inf	2

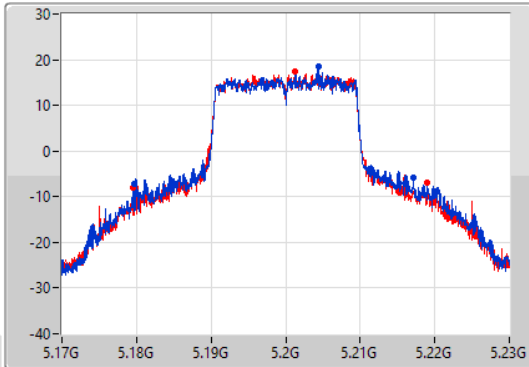
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

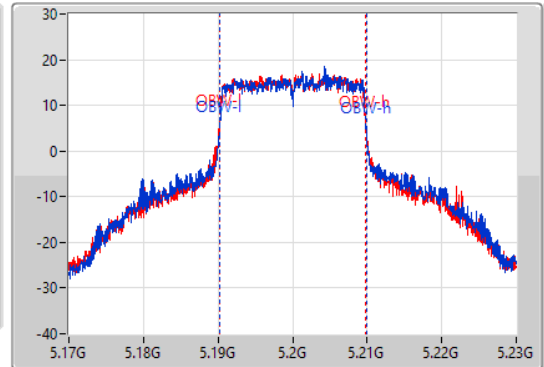
5200MHz

27/08/2022

CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



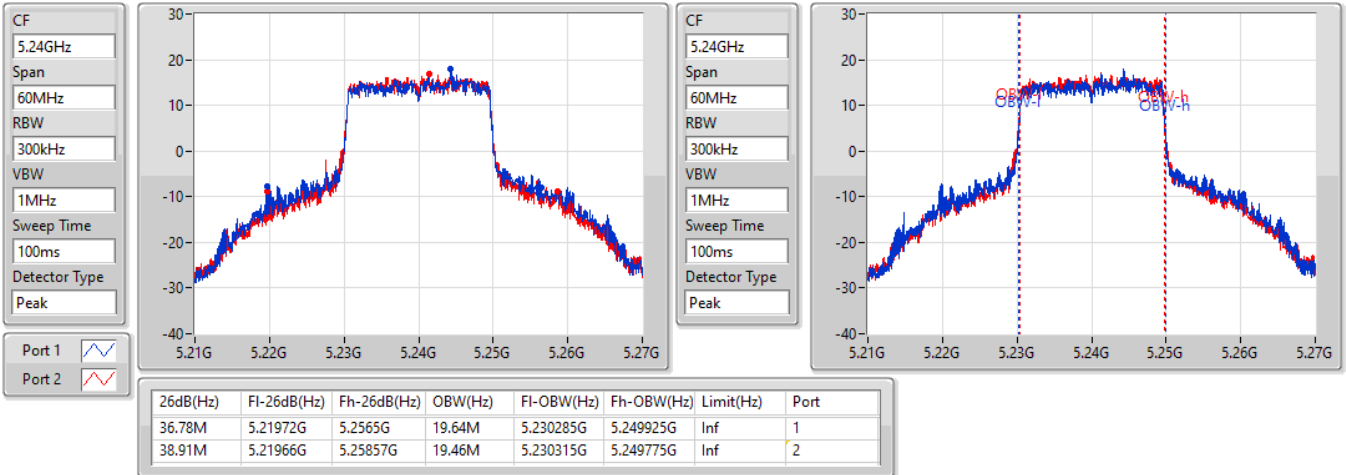
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.47M	5.17969G	5.21716G	19.73M	5.190225G	5.209955G	Inf	1
39.39M	5.1796G	5.21899G	19.61M	5.190225G	5.209835G	Inf	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

27/08/2022

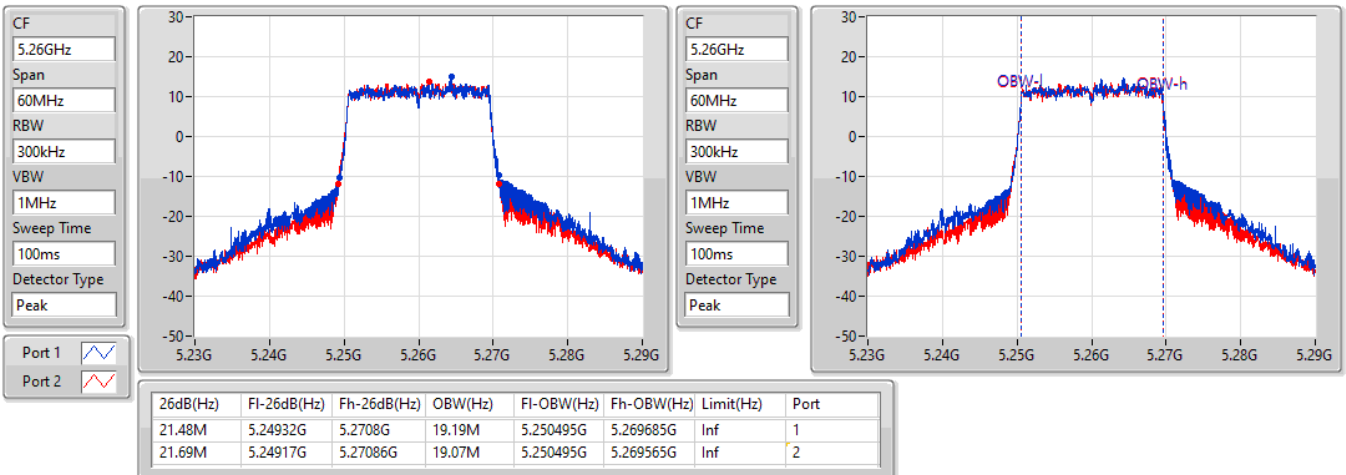


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5260MHz

27/08/2022



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5300MHz

27/08/2022

CF  
5.3GHz

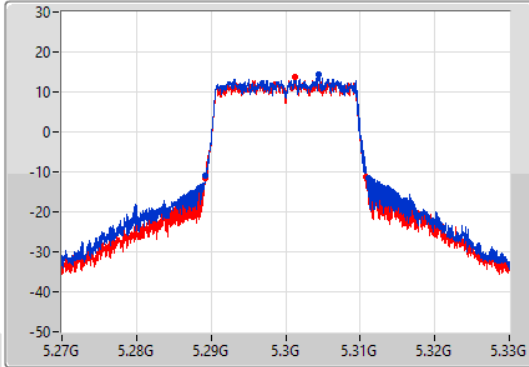
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.3GHz

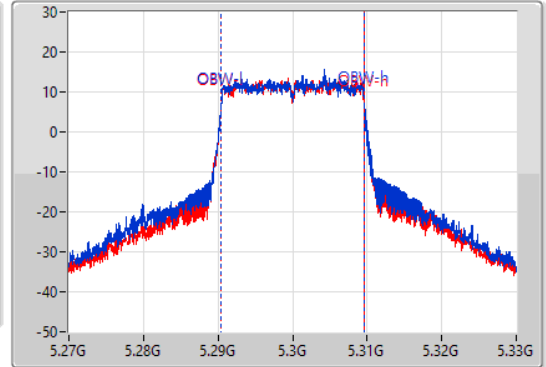
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.28923G	5.31113G	19.16M	5.290465G	5.309625G	Inf	1
21.6M	5.2892G	5.3108G	19.1M	5.290465G	5.309565G	Inf	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5320MHz

27/08/2022

CF  
5.32GHz

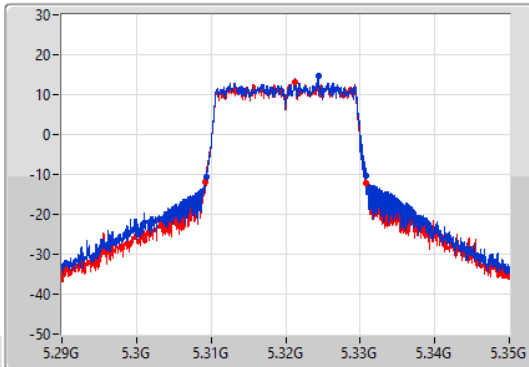
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.32GHz

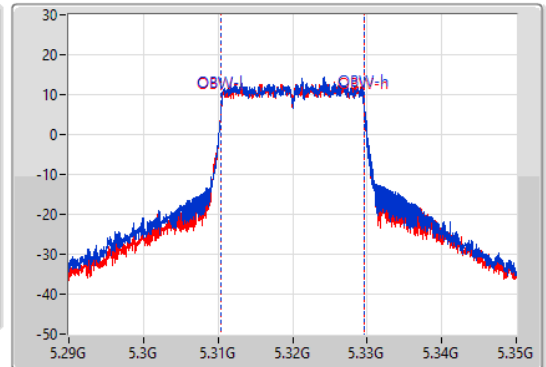
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.30935G	5.33083G	19.16M	5.310465G	5.329625G	Inf	1
21.66M	5.3092G	5.33086G	19.1M	5.310465G	5.329565G	Inf	2

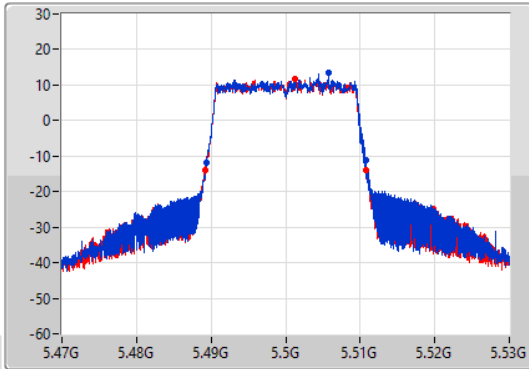
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

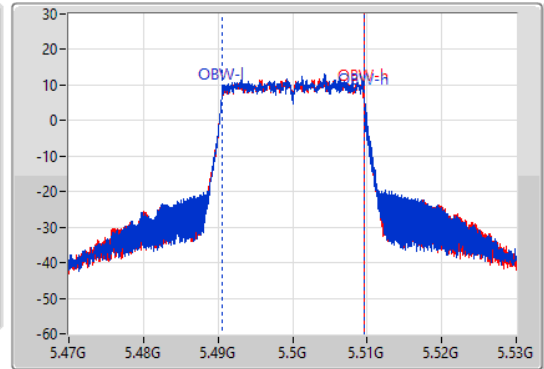
5500MHz

27/08/2022

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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48938G	5.5108G	19.1M	5.490495G	5.509595G	Inf	1
21.6M	5.4892G	5.5108G	19.04M	5.490495G	5.509535G	Inf	2

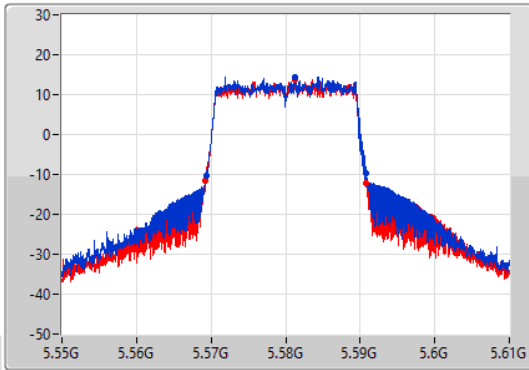
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

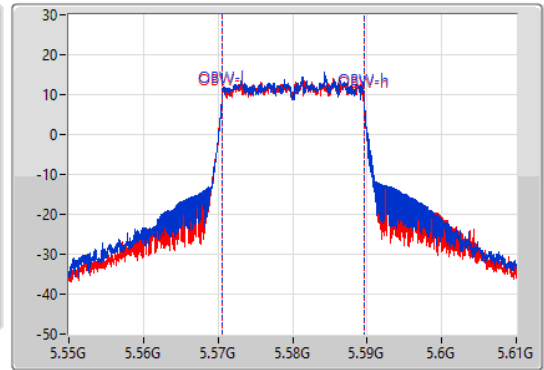
5580MHz

27/08/2022

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



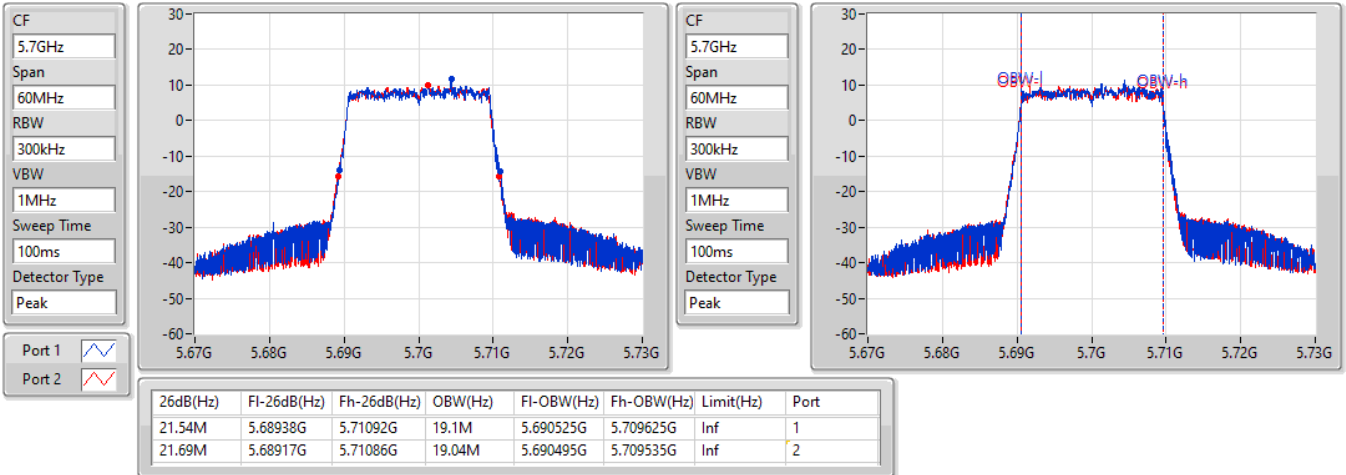
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.56932G	5.59086G	19.16M	5.570495G	5.589655G	Inf	1
21.6M	5.56923G	5.59083G	19.07M	5.570495G	5.589565G	Inf	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5700MHz

27/08/2022

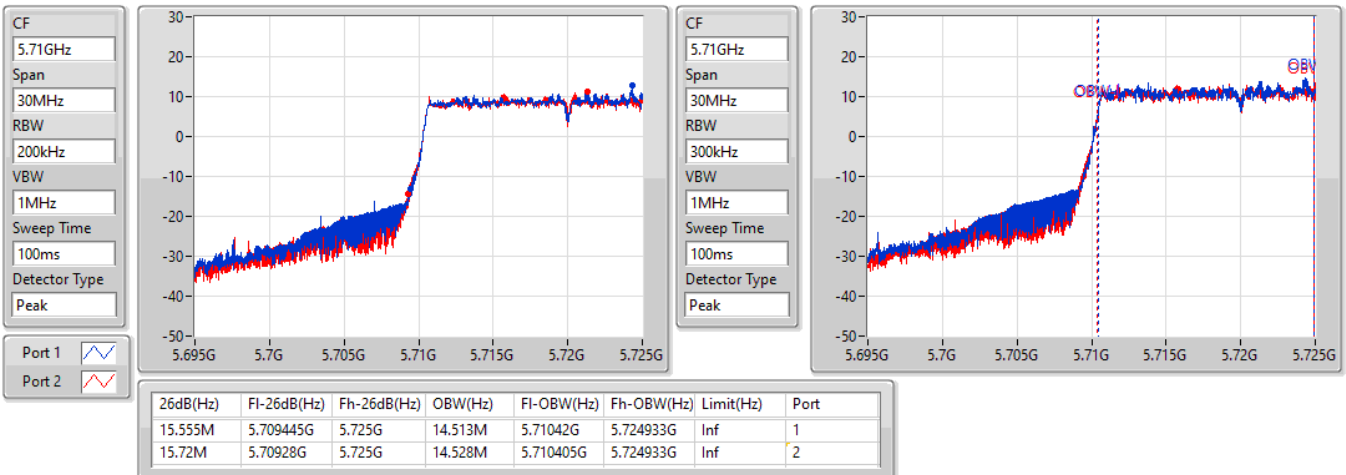


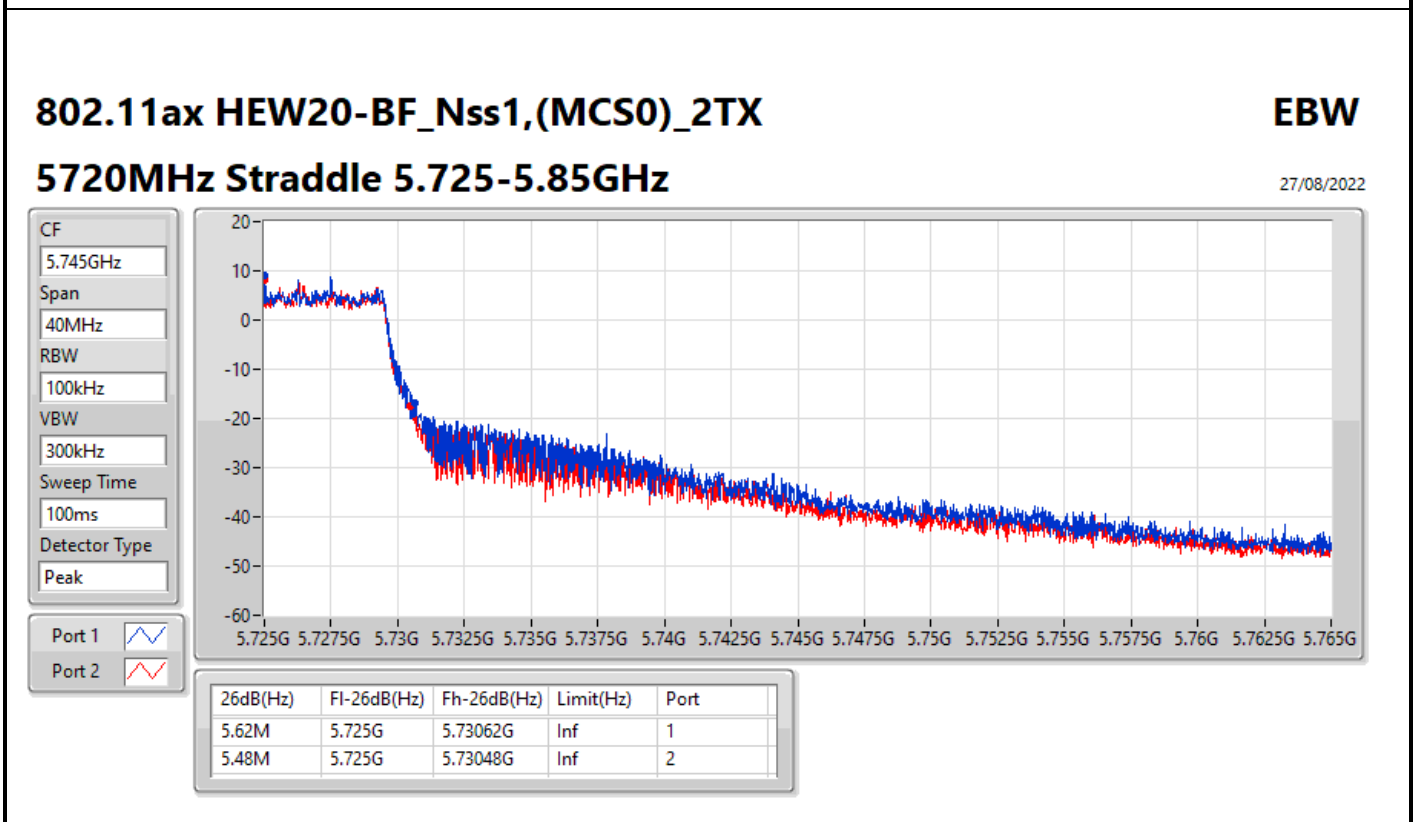
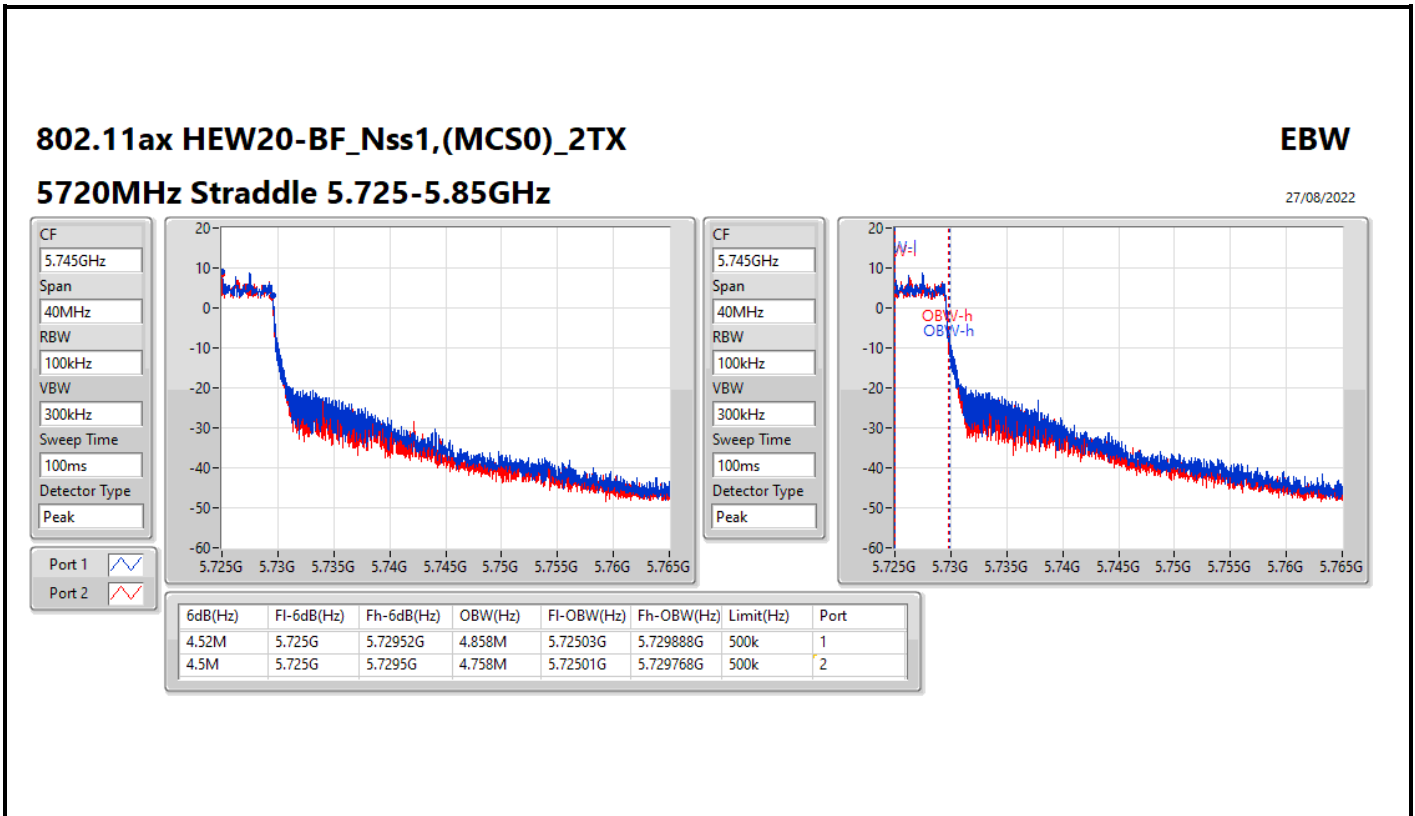
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

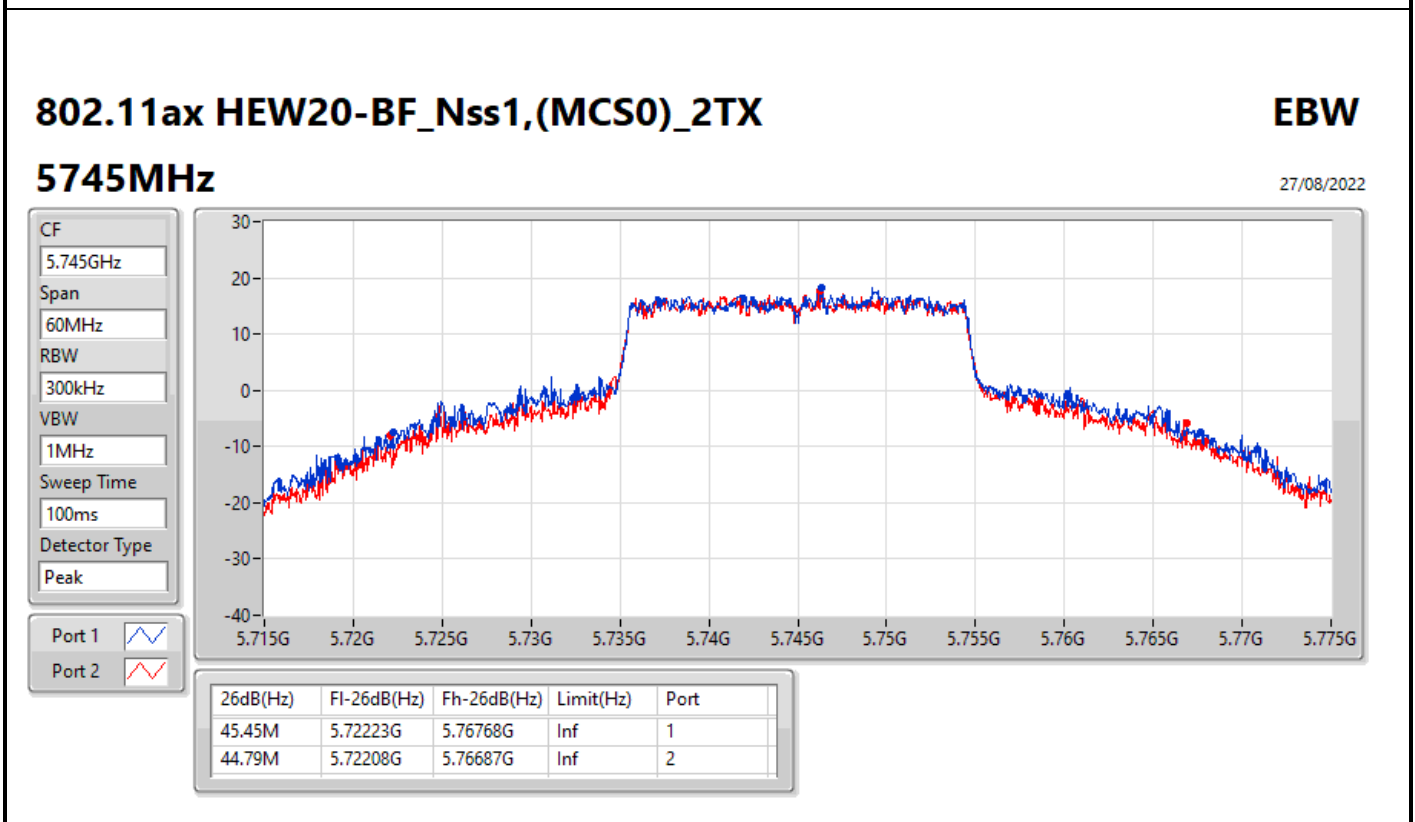
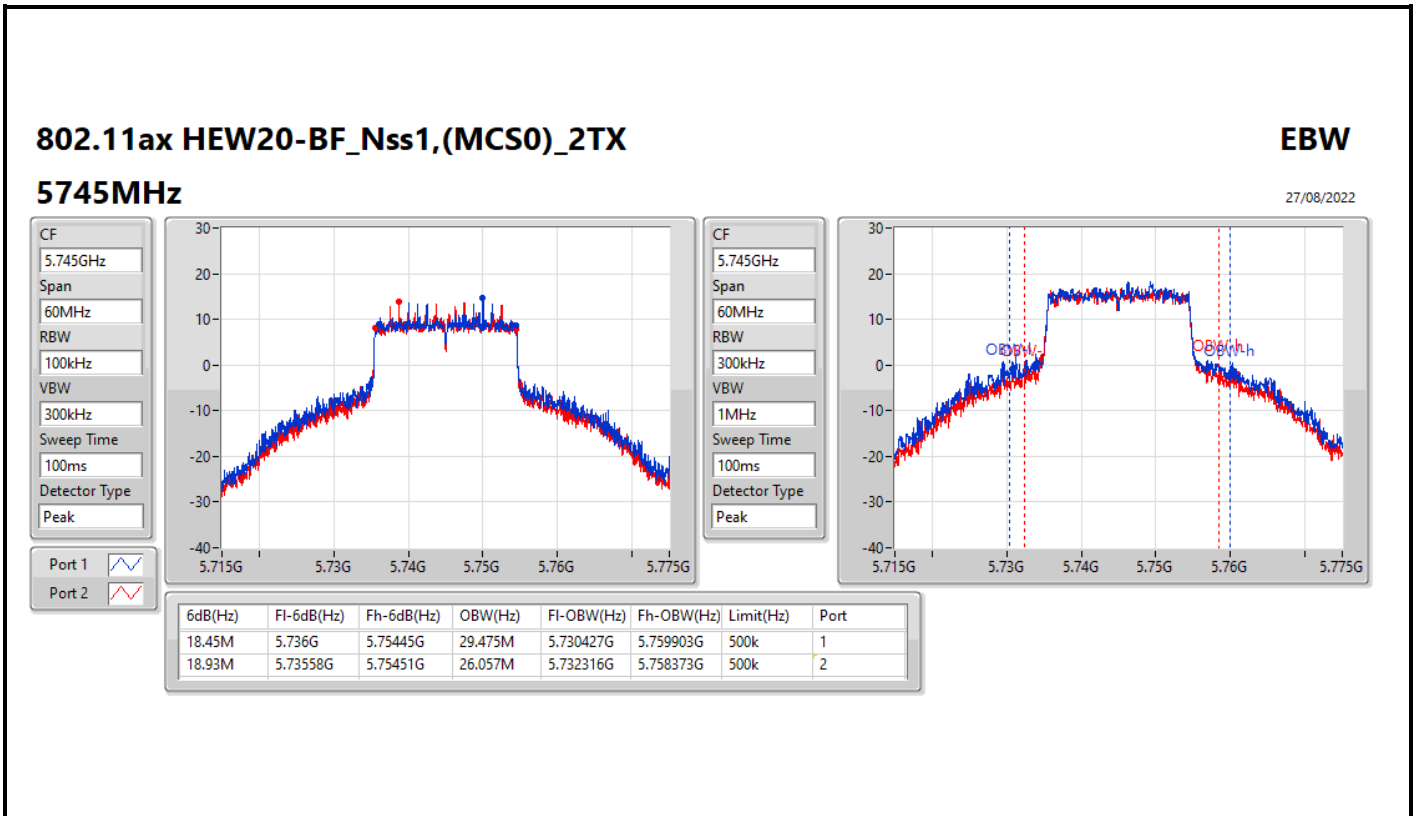
EBW

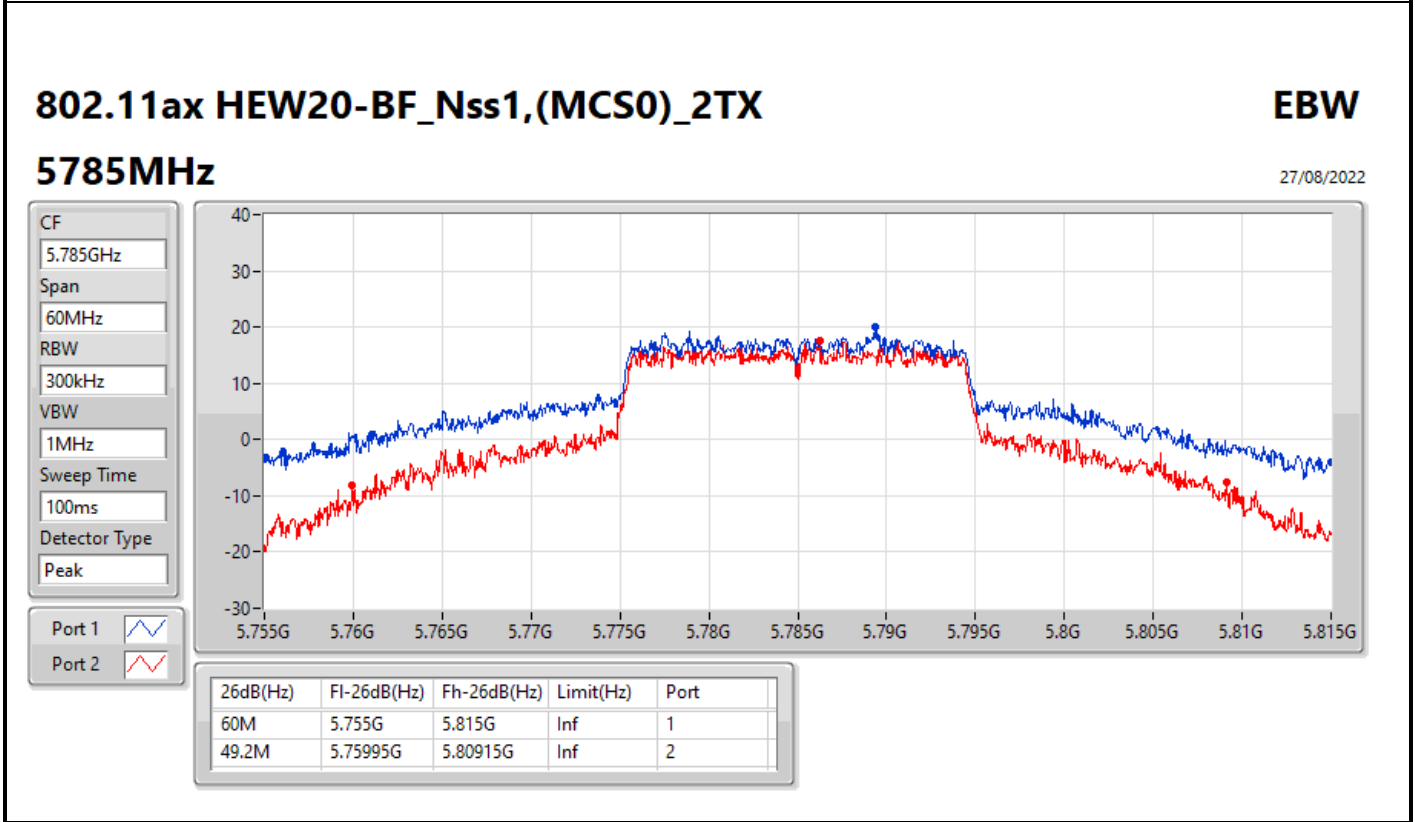
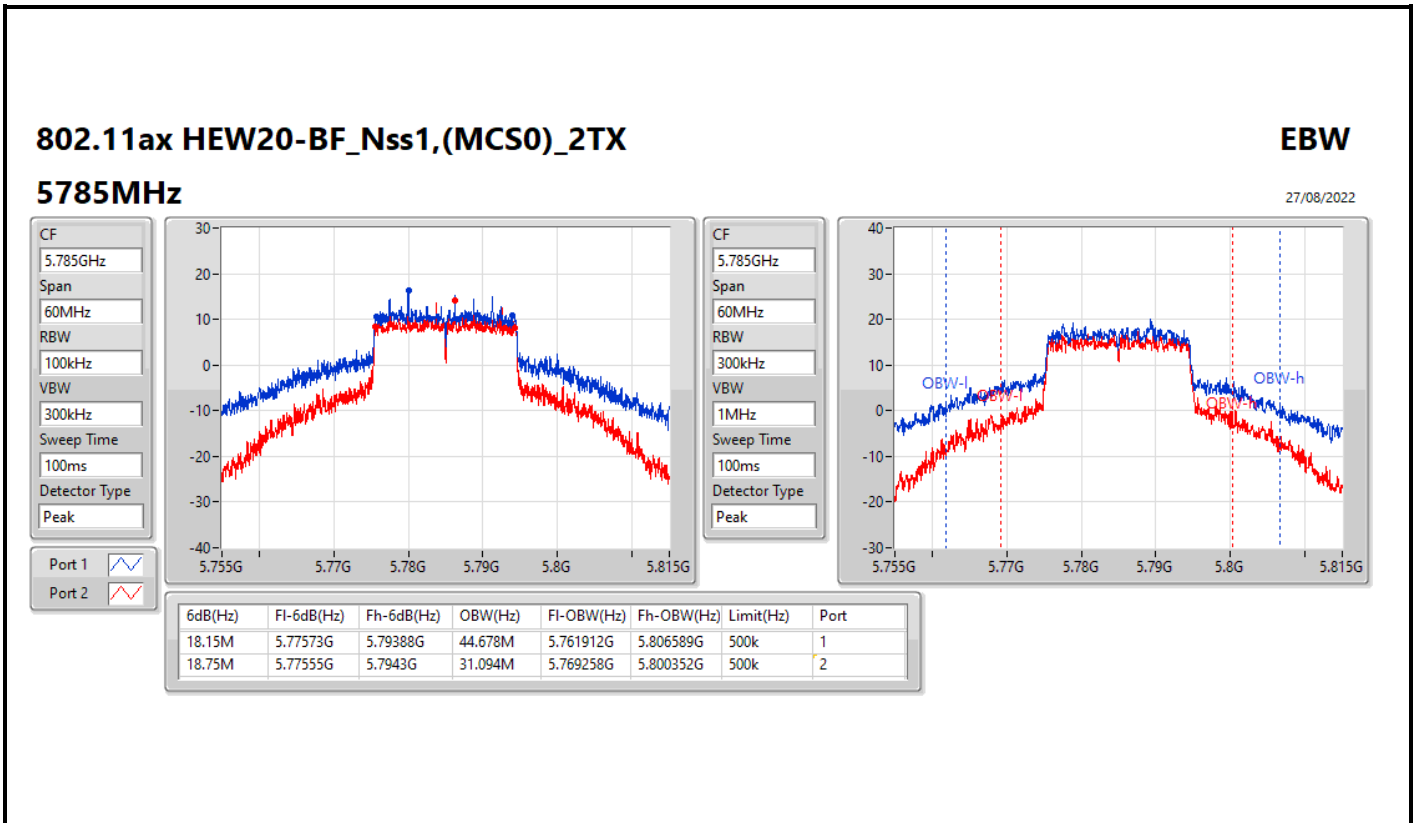
5720MHz Straddle 5.47-5.725GHz

27/08/2022









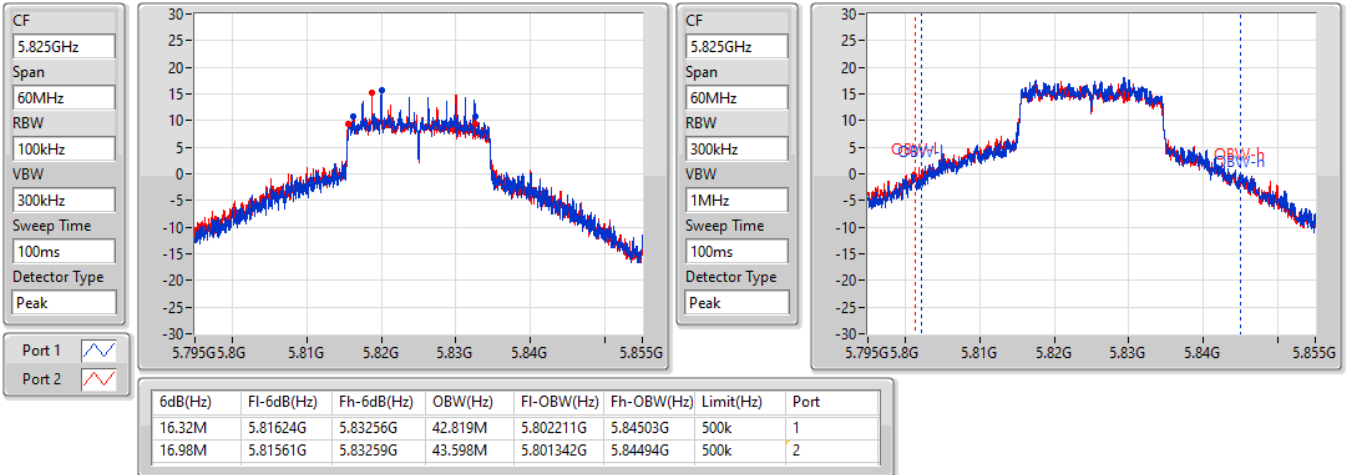


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5825MHz

27/08/2022

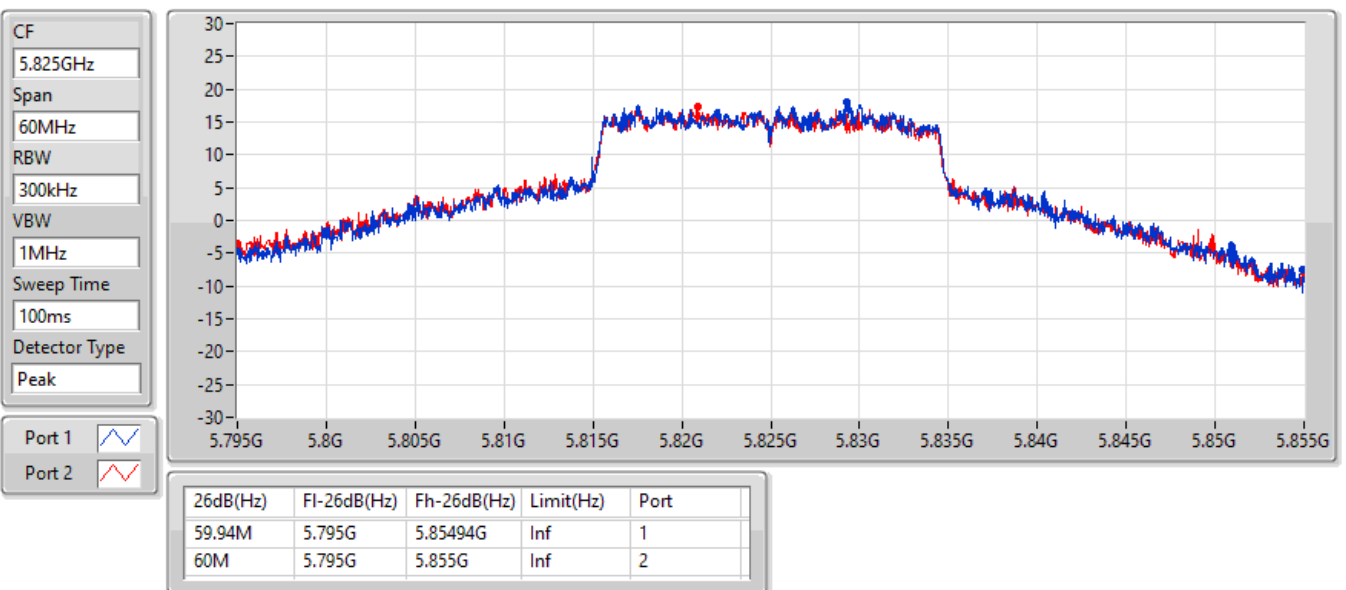


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5825MHz

27/08/2022



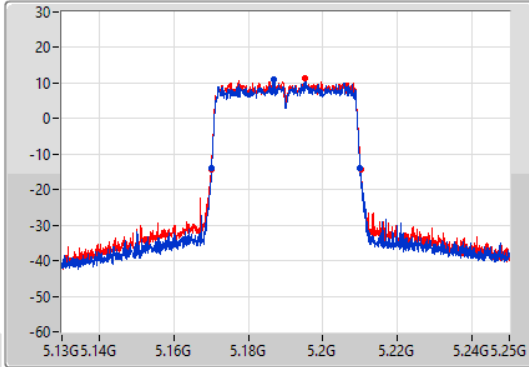
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

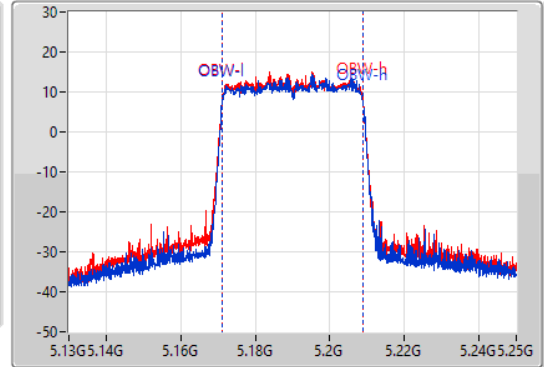
5190MHz

27/08/2022

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.1702G	5.20998G	37.661M	5.171229G	5.208891G	Inf	1
40.08M	5.17002G	5.2101G	37.781M	5.171109G	5.208891G	Inf	2

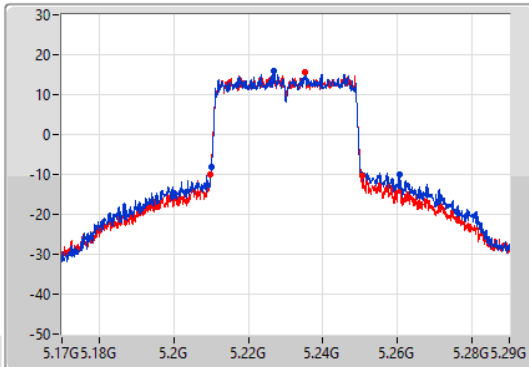
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

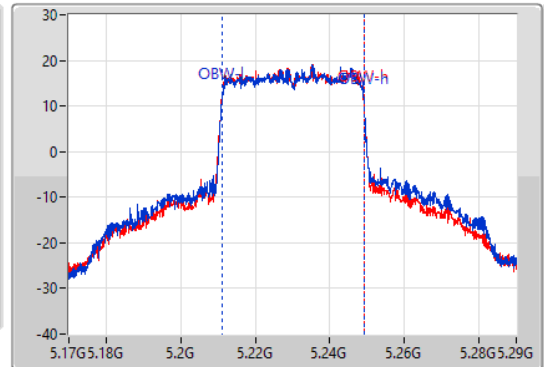
5230MHz

27/08/2022

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.52M	5.21014G	5.26066G	38.081M	5.211109G	5.24919G	Inf	1
40.62M	5.2099G	5.25052G	38.021M	5.211049G	5.24907G	Inf	2

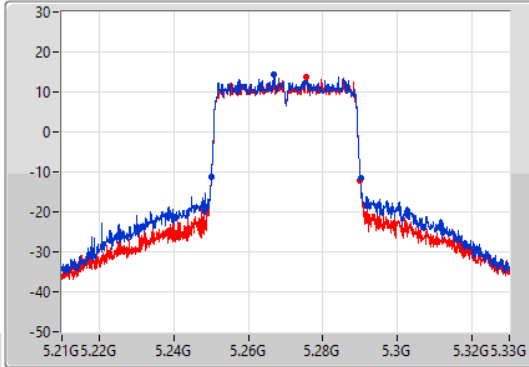
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

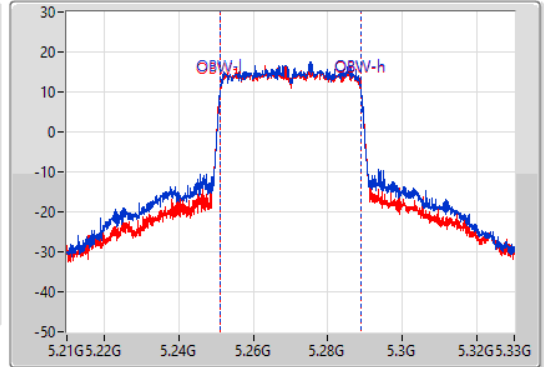
5270MHz

27/08/2022

CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.25014G	5.2901G	37.721M	5.251169G	5.288891G	Inf	1
40.02M	5.25002G	5.29004G	37.781M	5.251109G	5.288891G	Inf	2

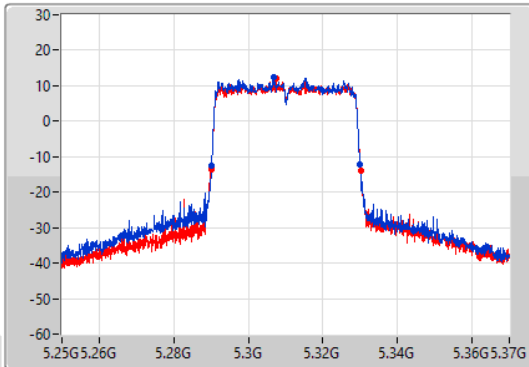
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

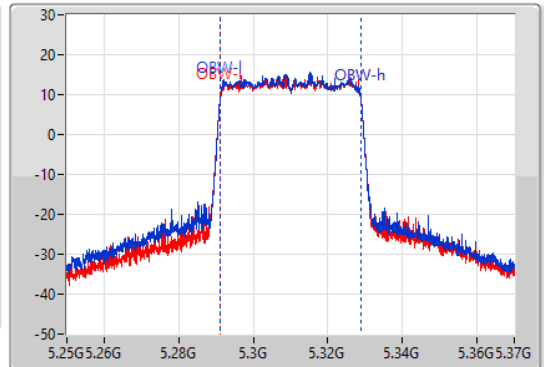
5310MHz

27/08/2022

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	5.29014G	5.32998G	37.721M	5.291109G	5.328831G	Inf	1
40.14M	5.28996G	5.3301G	37.721M	5.291169G	5.328891G	Inf	2

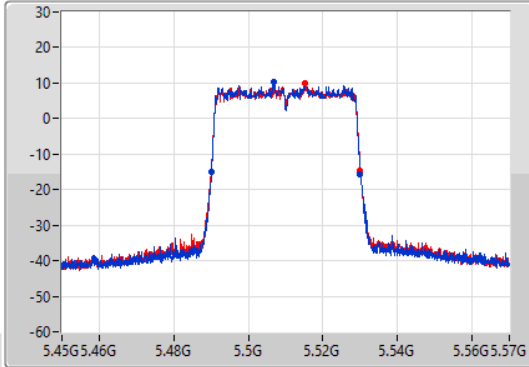
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

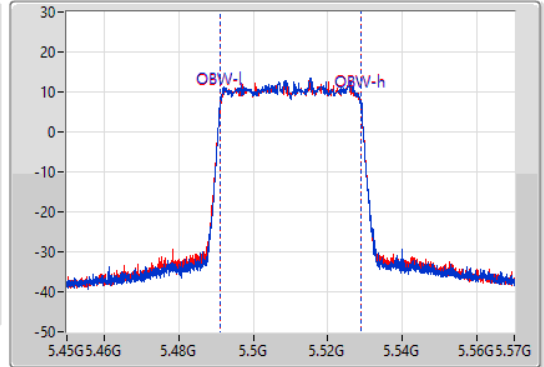
5510MHz

27/08/2022

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49014G	5.53004G	37.721M	5.491169G	5.528891G	Inf	1
40.02M	5.49002G	5.53004G	37.661M	5.491169G	5.528831G	Inf	2

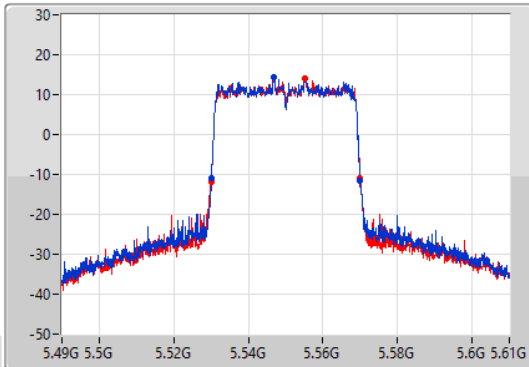
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

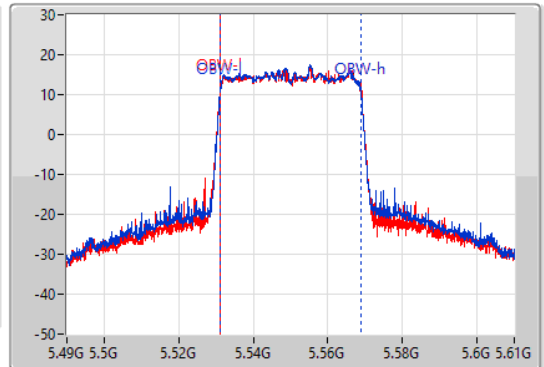
5550MHz

27/08/2022

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



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



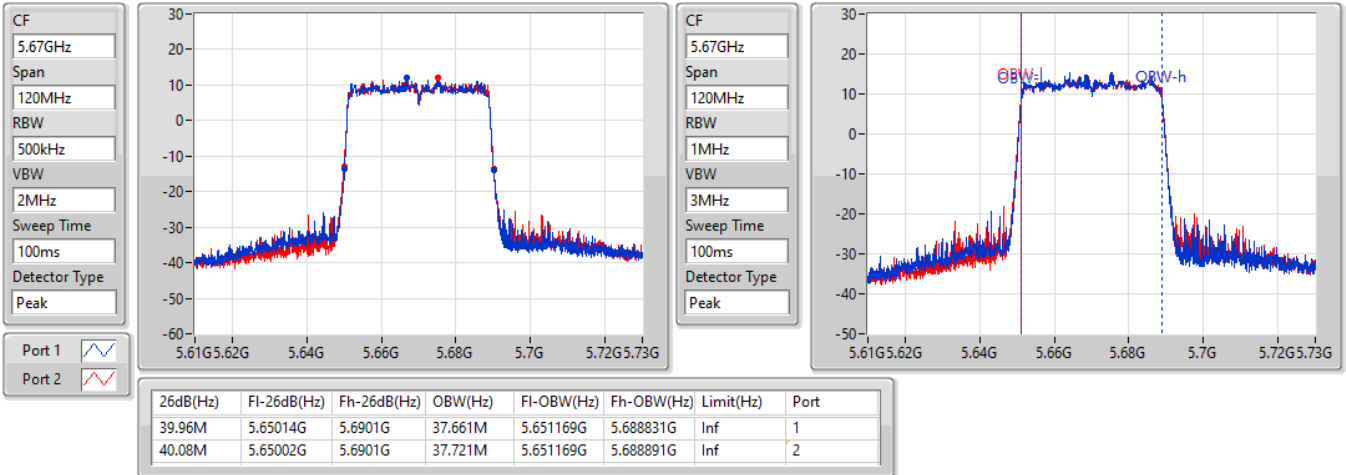
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53014G	5.57004G	37.661M	5.531169G	5.568831G	Inf	1
40.08M	5.52996G	5.57004G	37.721M	5.531169G	5.568891G	Inf	2

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5670MHz

27/08/2022

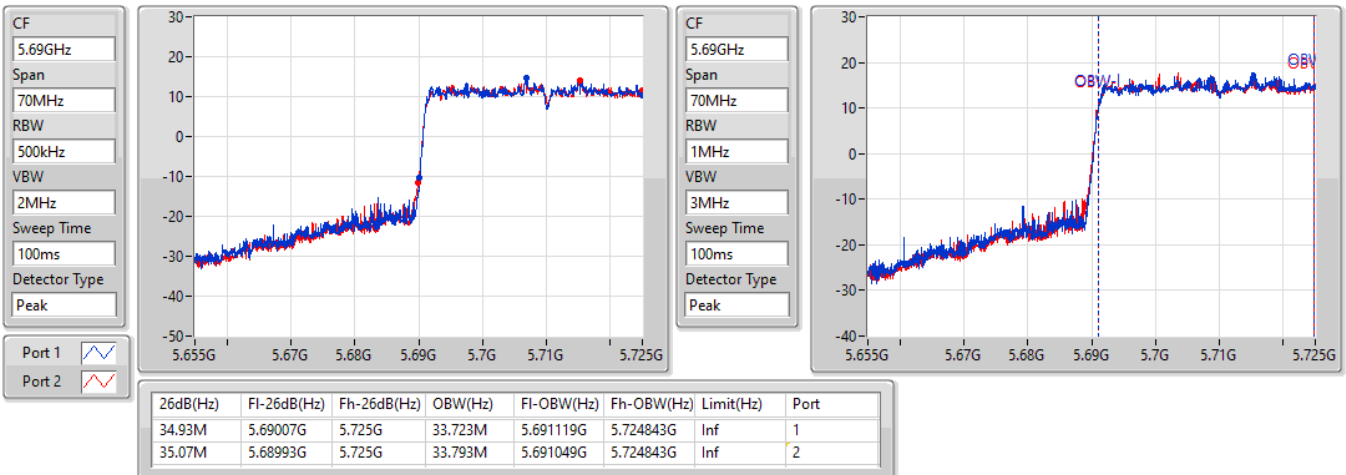


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

27/08/2022

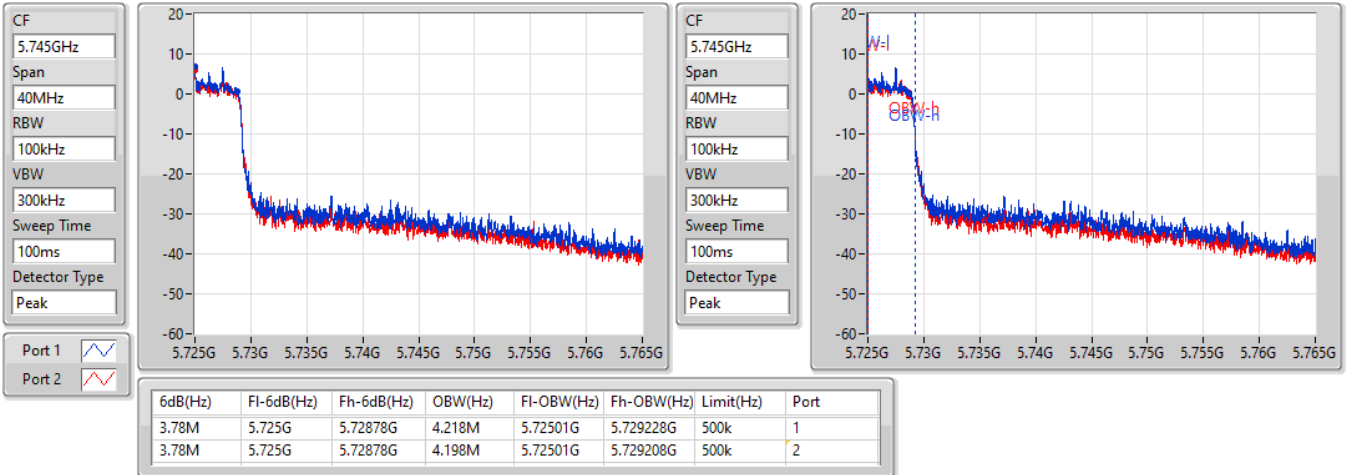


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

27/08/2022

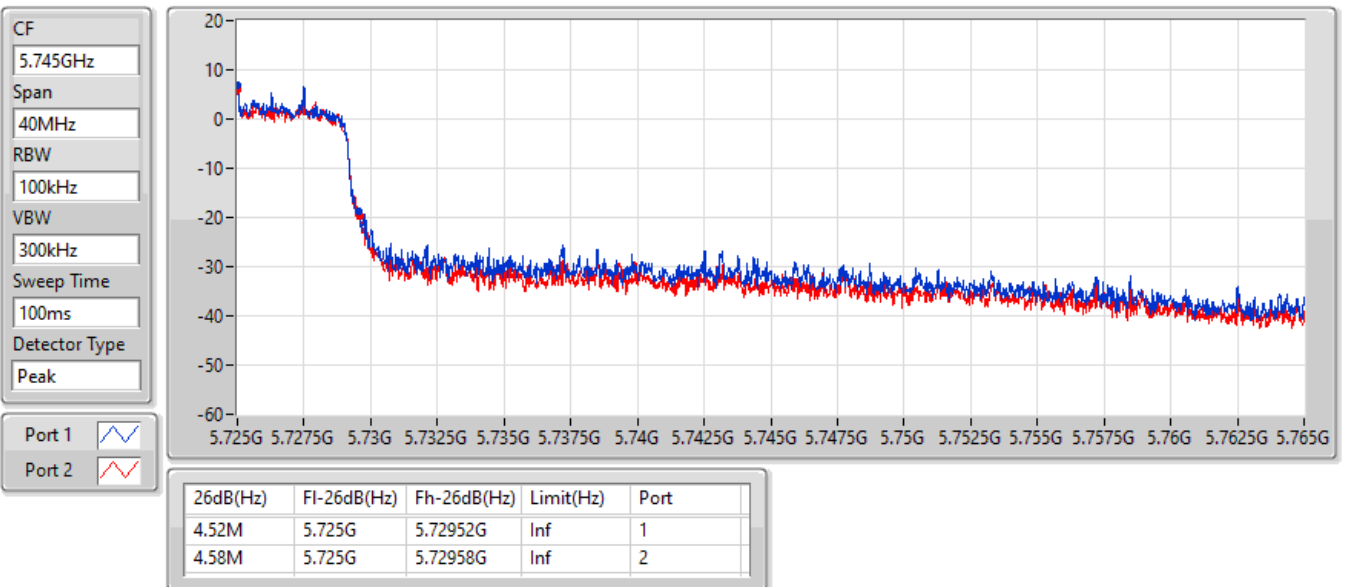


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

27/08/2022



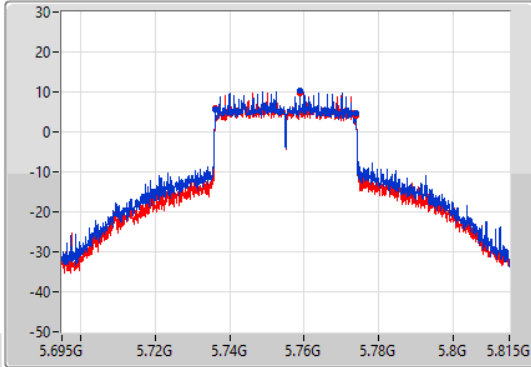
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

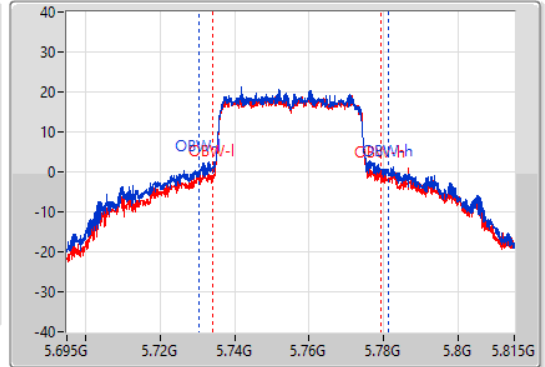
5755MHz

27/08/2022

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.73622G	5.77372G	50.795M	5.730472G	5.781267G	500k	1
37.56M	5.73622G	5.77378G	45.157M	5.73407G	5.779228G	500k	2

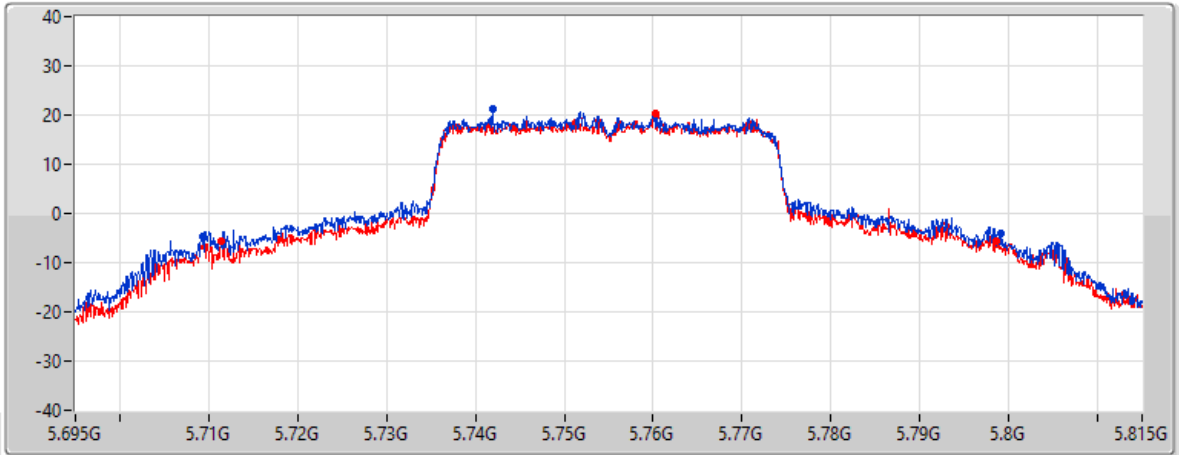
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

27/08/2022

CF  
5.755GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



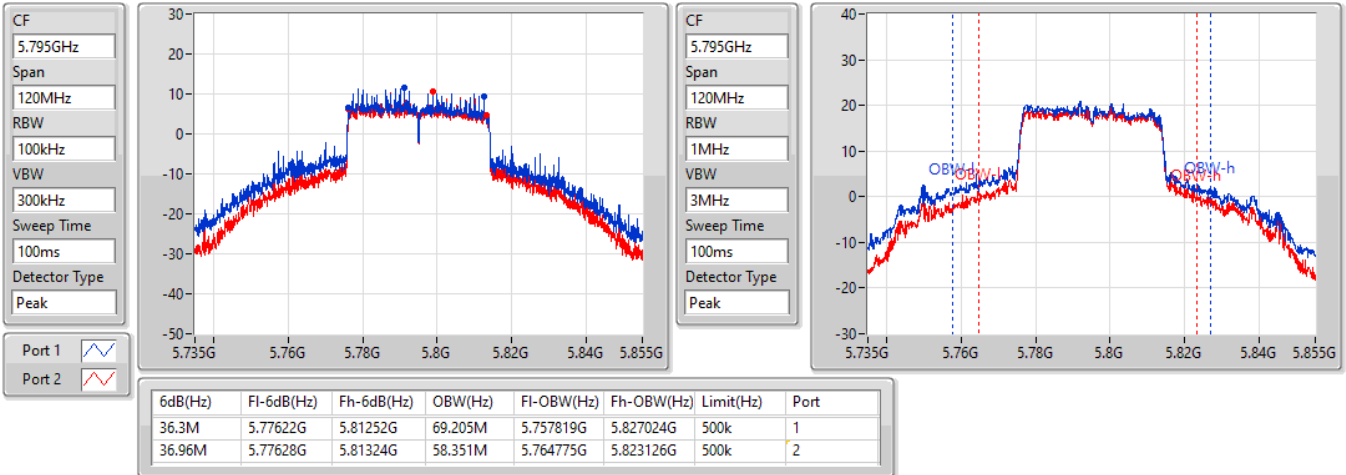
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
89.76M	5.7094G	5.79916G	Inf	1
87.18M	5.71144G	5.79862G	Inf	2

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

27/08/2022

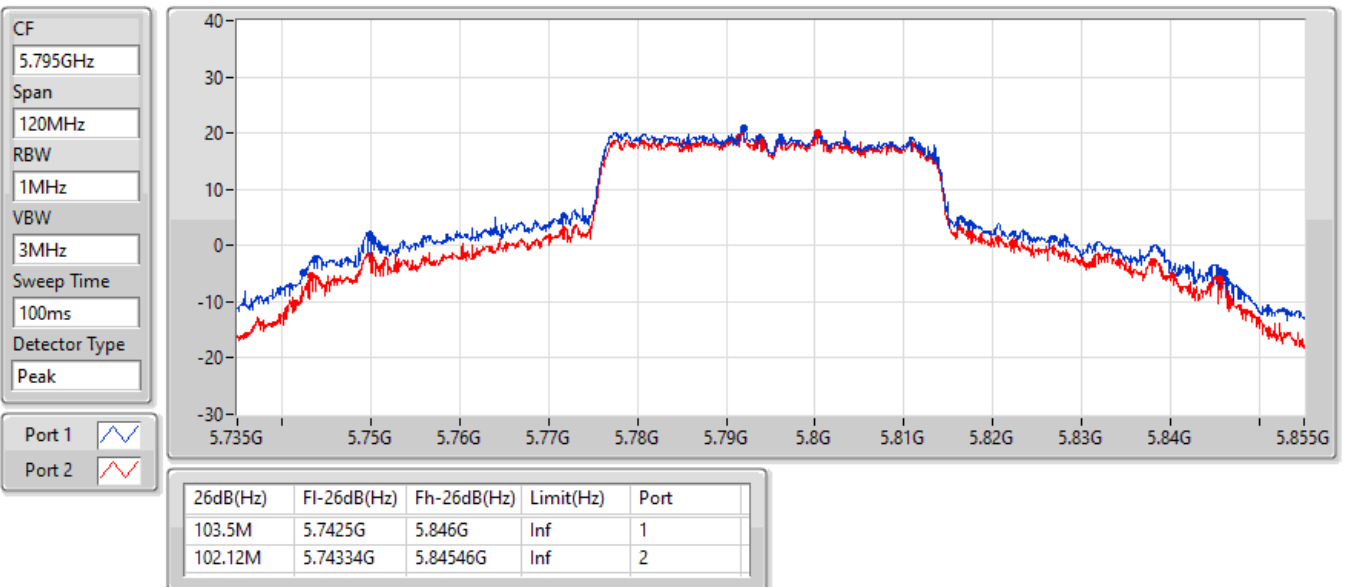


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

27/08/2022





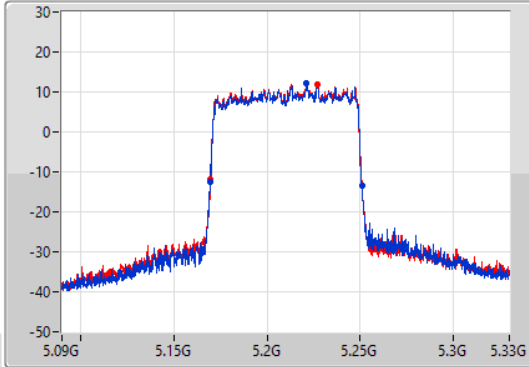
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

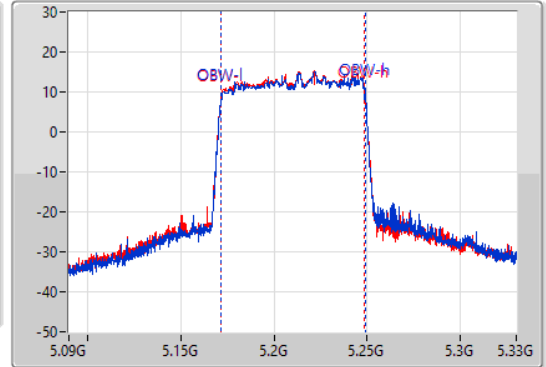
5210MHz

27/08/2022

CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.21GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.16932G	5.2508G	77.241M	5.171739G	5.248981G	Inf	1
81.36M	5.16956G	5.25092G	77.121M	5.171619G	5.248741G	Inf	2

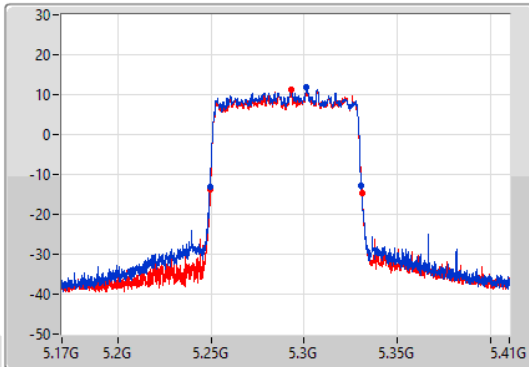
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

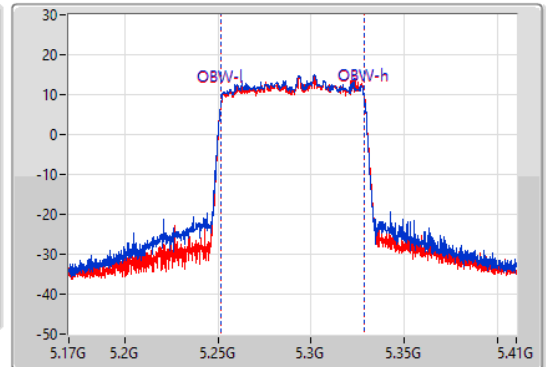
5290MHz

27/08/2022

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.24932G	5.33056G	77.121M	5.251619G	5.328741G	Inf	1
81.36M	5.24956G	5.33092G	77.121M	5.251619G	5.328741G	Inf	2

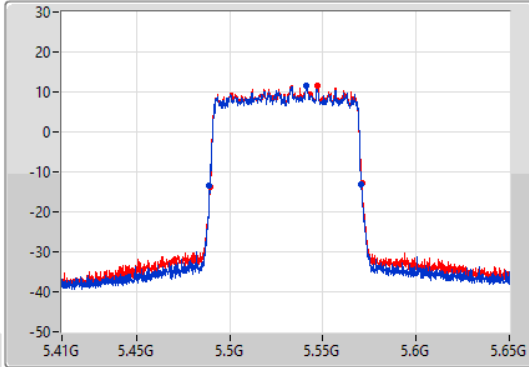
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

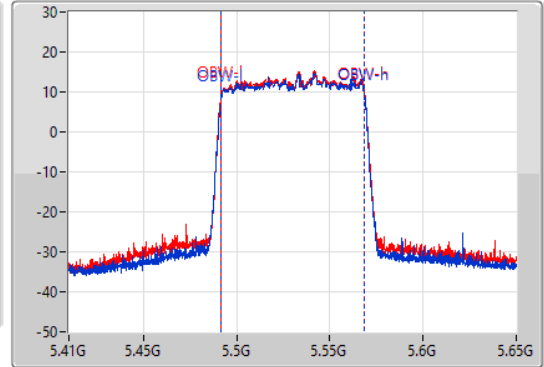
5530MHz

27/08/2022

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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.4892G	5.57056G	77.121M	5.491619G	5.568741G	Inf	1
81.36M	5.48944G	5.5708G	77.121M	5.491619G	5.568741G	Inf	2

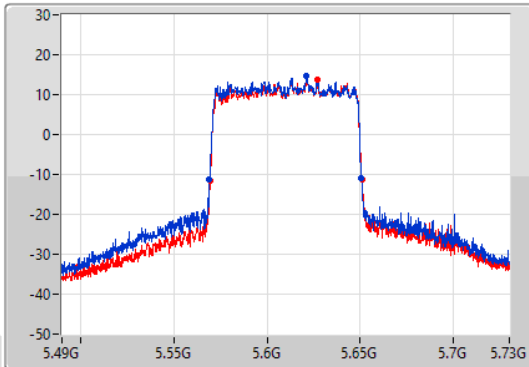
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

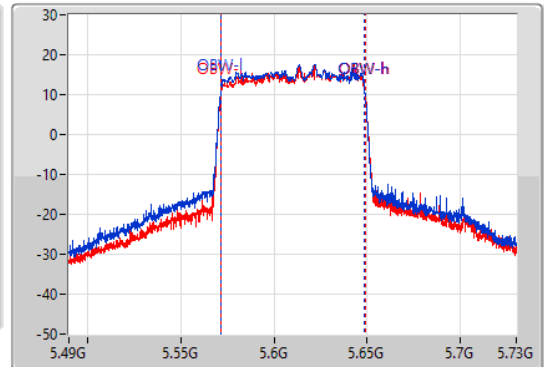
5610MHz

27/08/2022

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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.5692G	5.65068G	77.121M	5.571499G	5.648621G	Inf	1
81.48M	5.56944G	5.65092G	77.121M	5.571739G	5.648861G	Inf	2

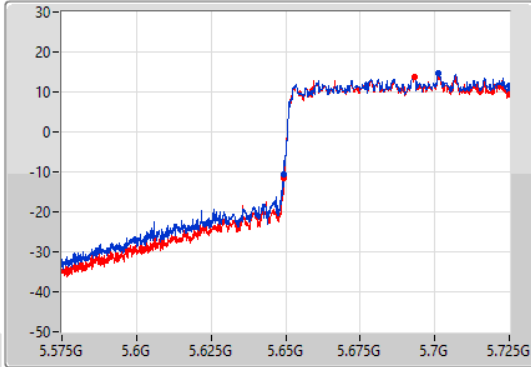
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

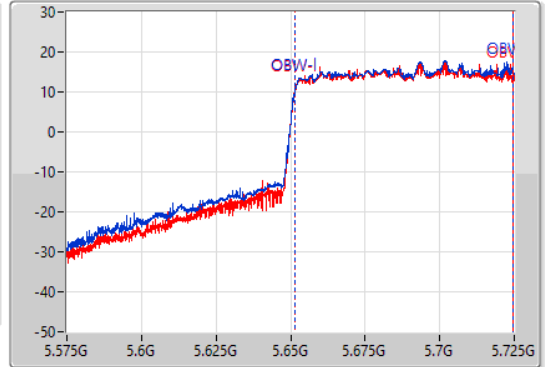
5690MHz Straddle 5.47-5.725GHz

27/08/2022

CF  
5.65GHz  
Span  
150MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	73.013M	5.651574G	5.724588G	Inf	1
75.525M	5.649475G	5.725G	73.088M	5.651499G	5.724588G	Inf	2

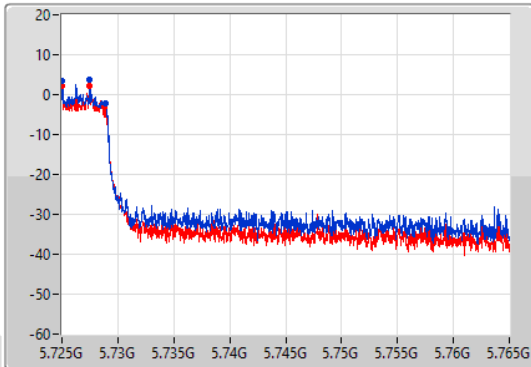
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

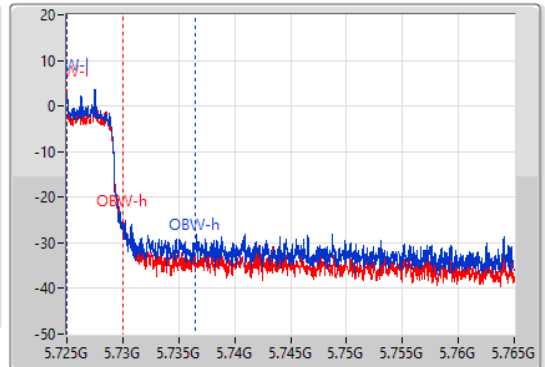
5690MHz Straddle 5.725-5.85GHz

27/08/2022

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



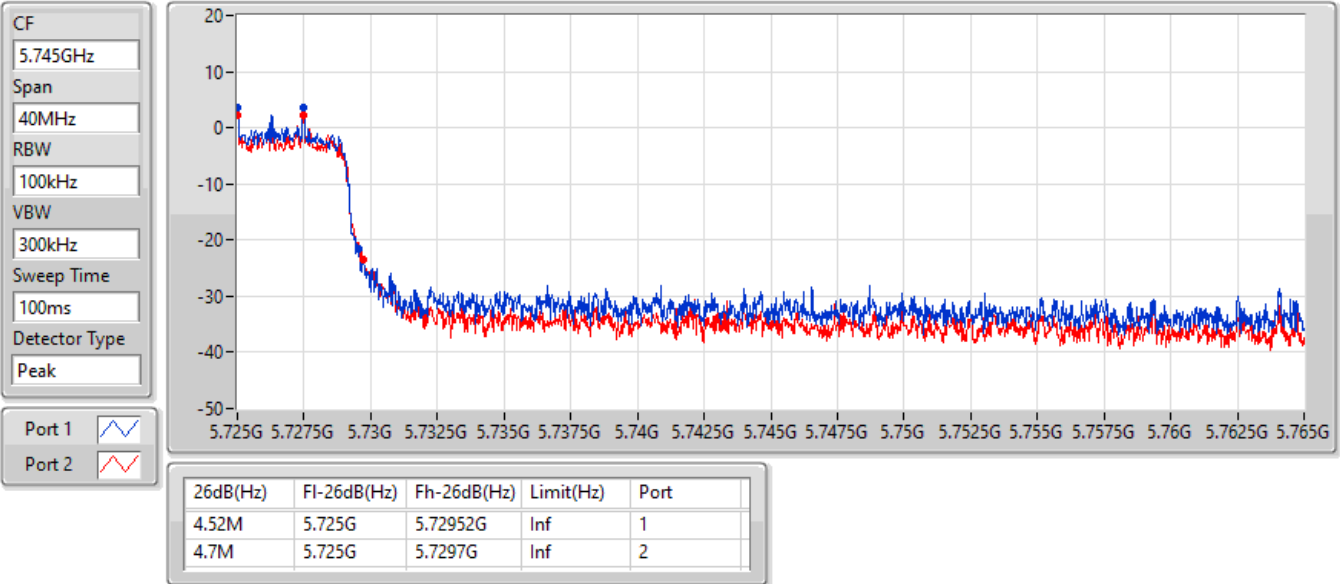
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	11.414M	5.72501G	5.736424G	500k	1
3.78M	5.725G	5.72878G	4.958M	5.72501G	5.729968G	500k	2

802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

27/08/2022

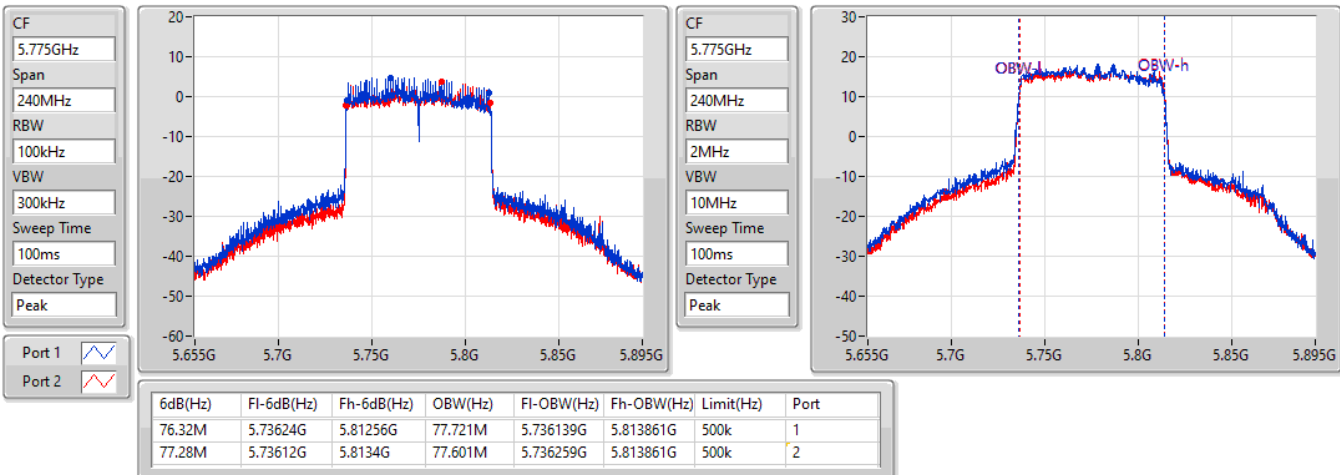


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

27/08/2022



### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

27/08/2022

CF  
5.775GHz

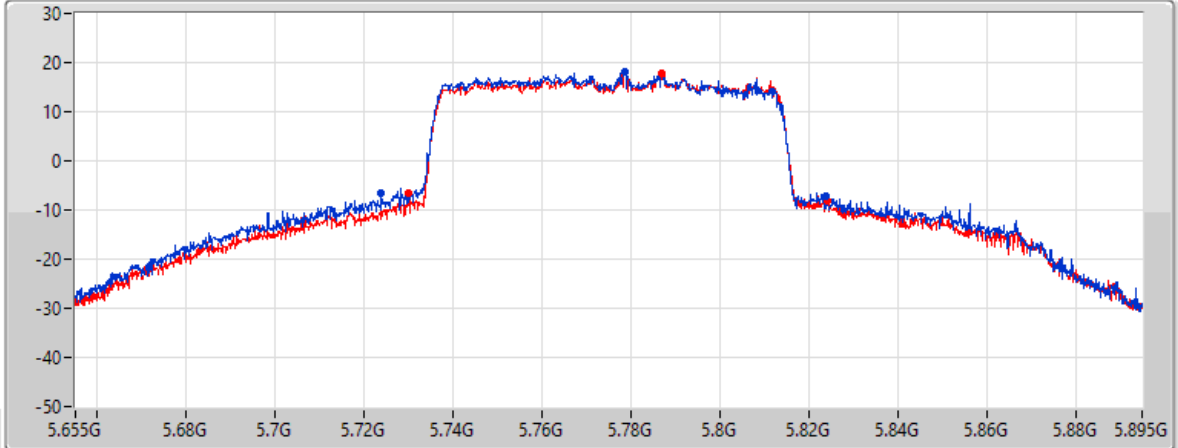
Span  
240MHz

RBW  
2MHz

VBW  
10MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
99.96M	5.72388G	5.82384G	Inf	1
94.32M	5.73G	5.82432G	Inf	2

### 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/08/2022

CF  
5.17GHz

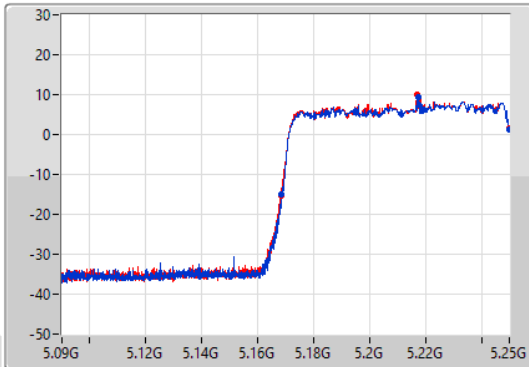
Span  
160MHz

RBW  
2MHz

VBW  
10MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.17GHz

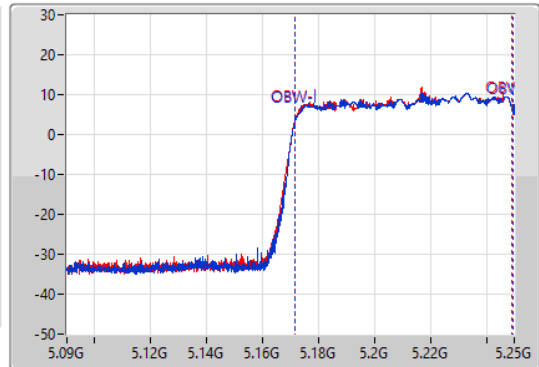
Span  
160MHz

RBW  
3MHz

VBW  
10MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

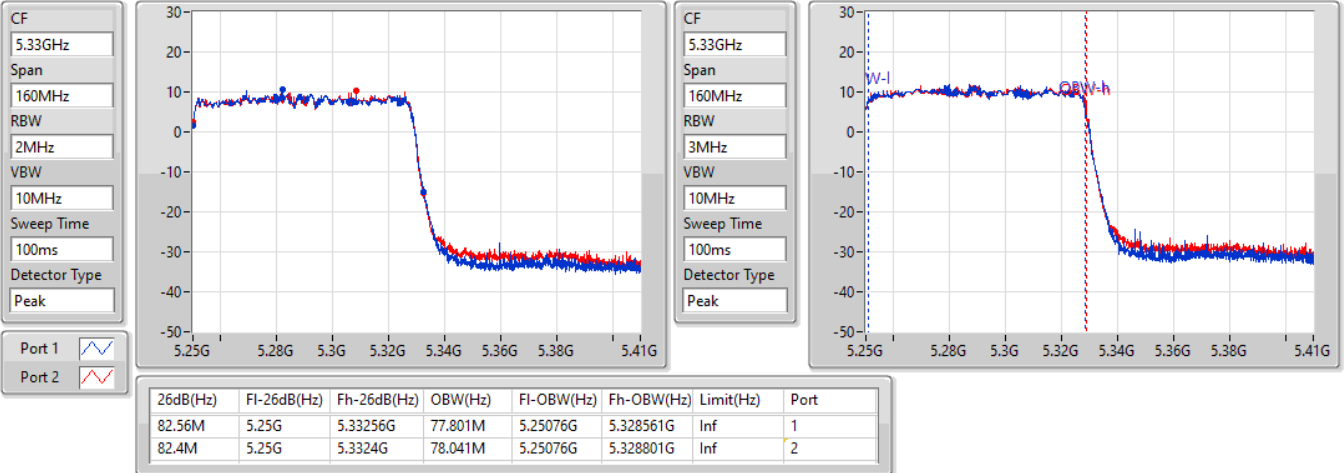
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.44M	5.16856G	5.25G	77.961M	5.171519G	5.24948G	Inf	1
81.68M	5.16832G	5.25G	77.881M	5.171439G	5.24932G	Inf	2

802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/08/2022

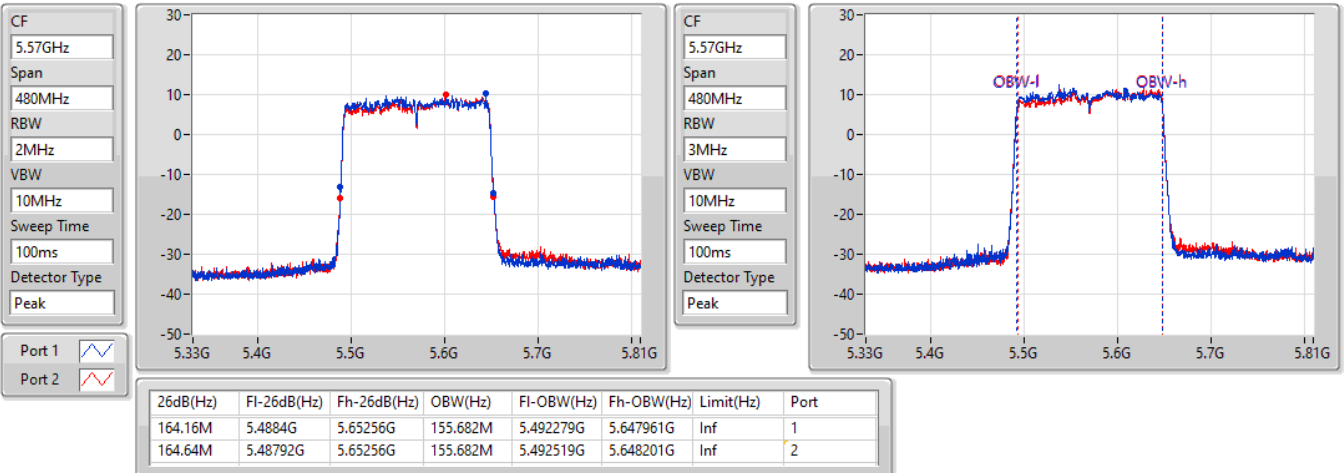


802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5570MHz

27/08/2022





**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.10	0.51286
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.46	0.22182
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.57	0.22751
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.80	0.60256

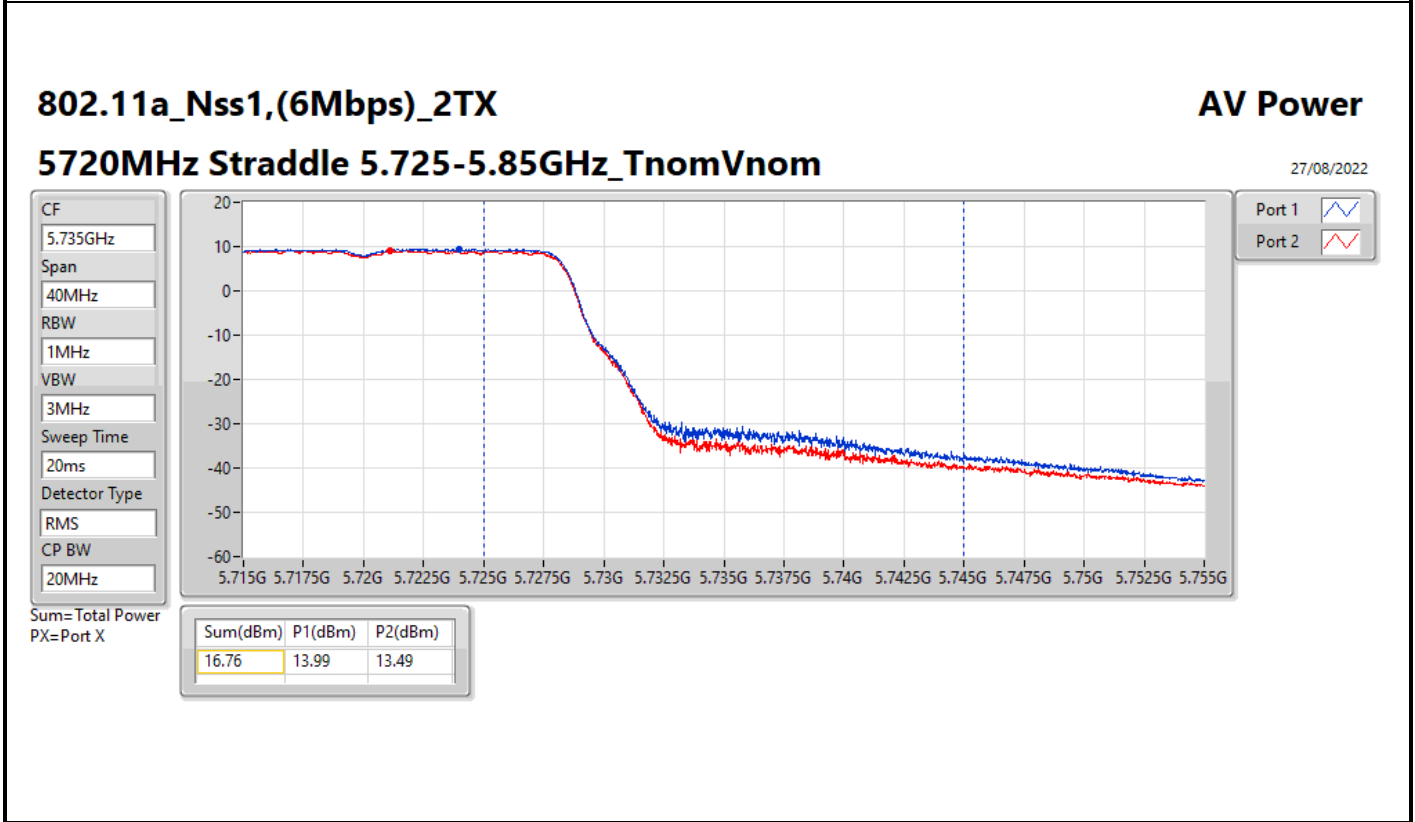
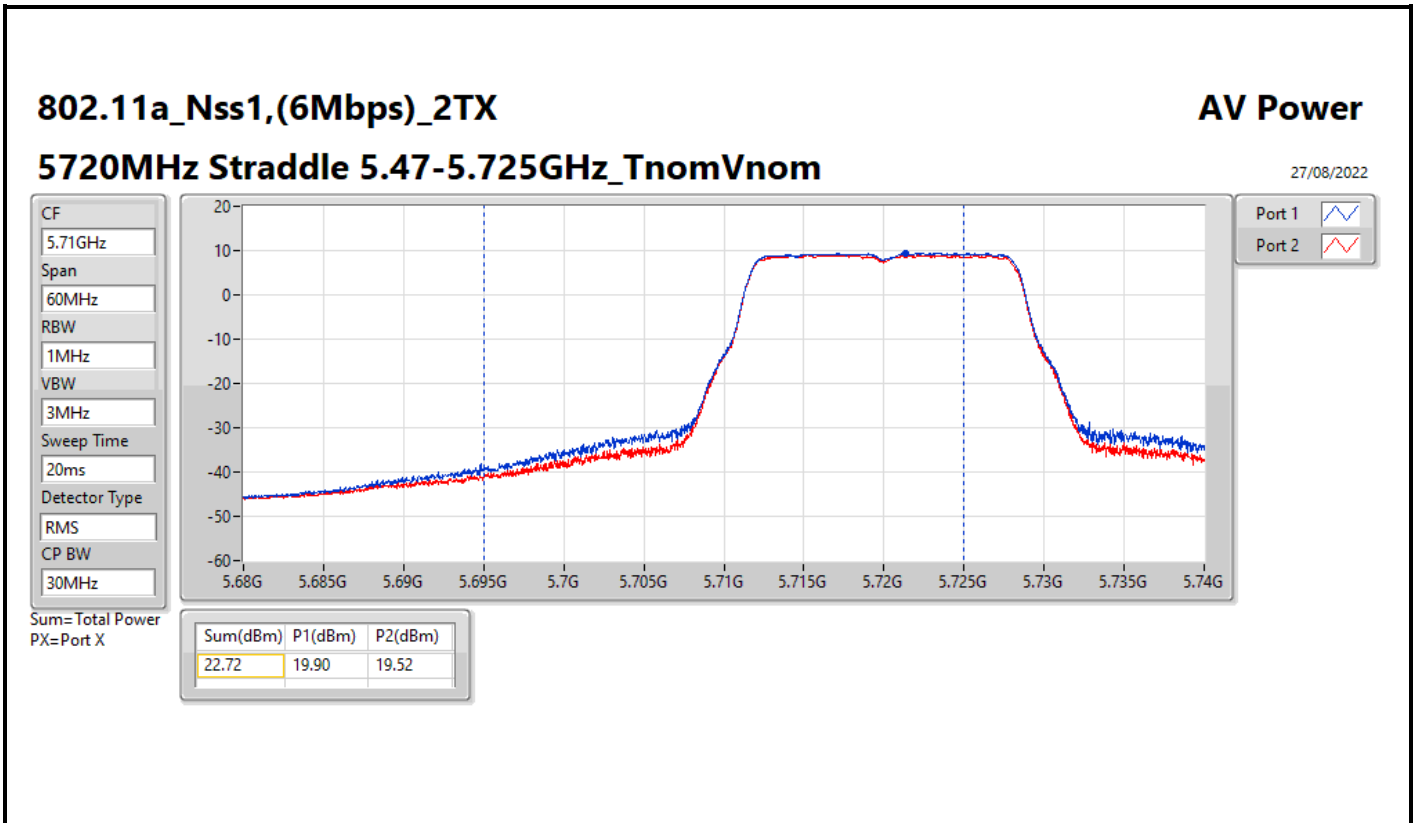


Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.06	18.46	18.61	21.55	30.00
5200MHz	Pass	5.06	23.91	24.27	27.10	30.00
5240MHz	Pass	5.06	23.67	23.86	26.78	30.00
5260MHz	Pass	4.26	20.49	20.37	23.44	23.98
5300MHz	Pass	4.26	20.63	20.26	23.46	23.98
5320MHz	Pass	4.26	19.32	19.44	22.39	23.98
5500MHz	Pass	5.01	18.69	18.09	21.41	23.98
5580MHz	Pass	5.01	20.83	20.28	23.57	23.98
5700MHz	Pass	5.01	17.59	17.37	20.49	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	19.90	19.52	22.72	22.91
5720MHz Straddle 5.725-5.85GHz	Pass	4.76	13.99	13.49	16.76	30.00
5745MHz	Pass	4.76	24.94	24.63	27.80	30.00
5785MHz	Pass	4.76	24.33	24.03	27.19	30.00
5825MHz	Pass	4.76	23.66	23.11	26.40	30.00

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







**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.32	0.53951
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.64	0.36644
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.39	0.13772
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	15.44	0.03499
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.77	0.23823
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.09	0.12853
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.15	0.05188
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.78	0.23878
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.86	0.24322
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.94	0.24774
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	20.00	0.10000
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	29.22	0.83560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	28.25	0.66834
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	25.04	0.31915



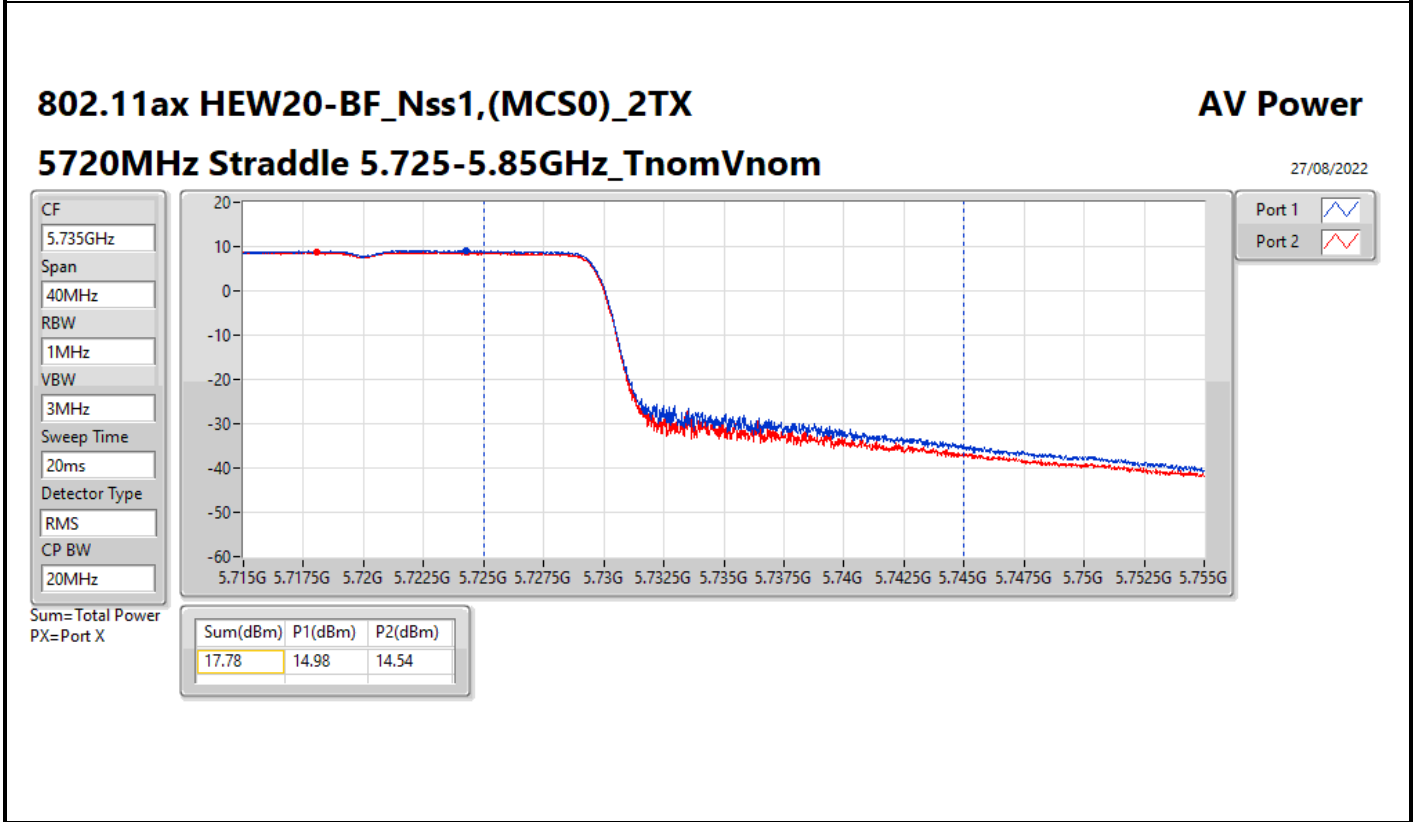
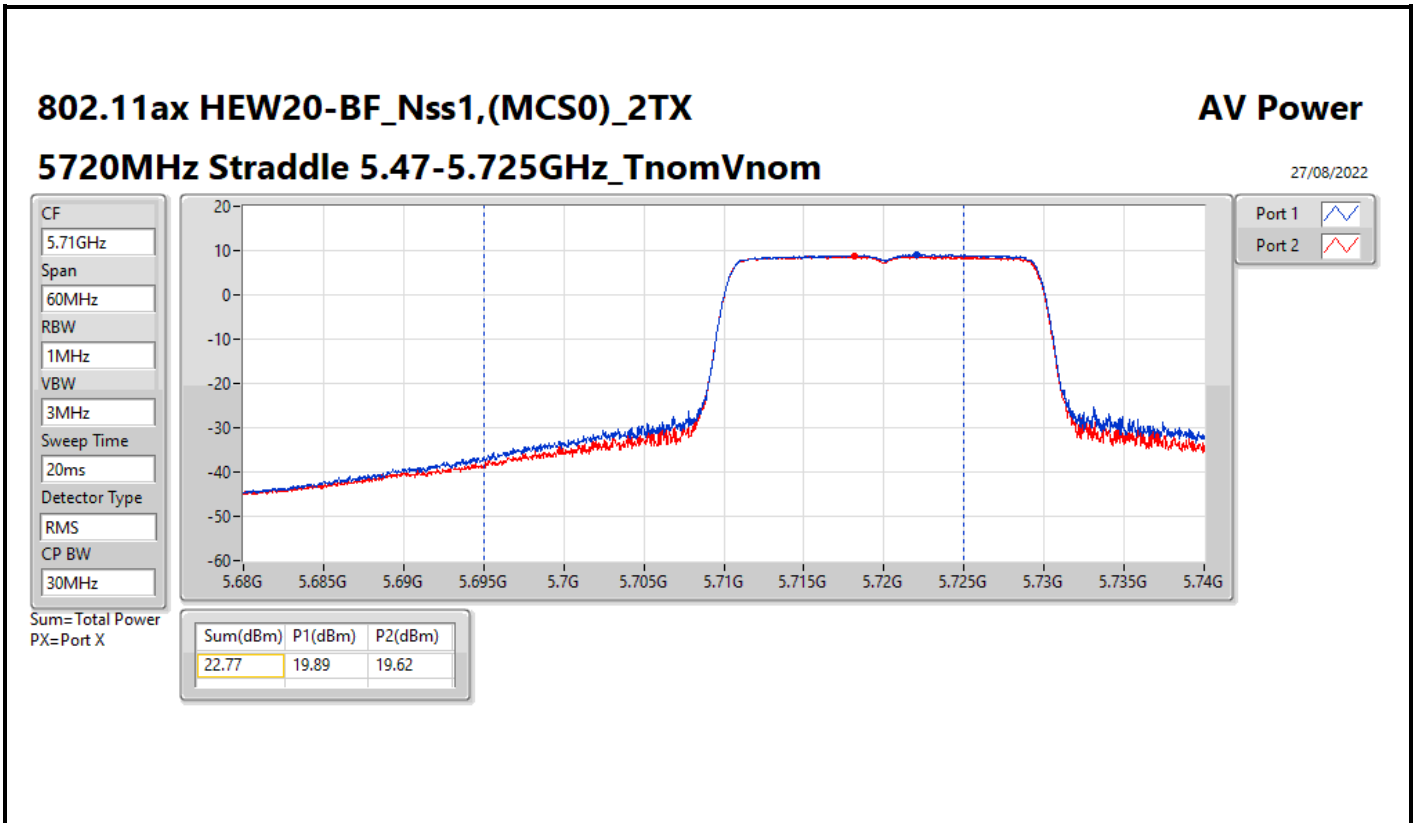
**Average Power<For Beamforming>**

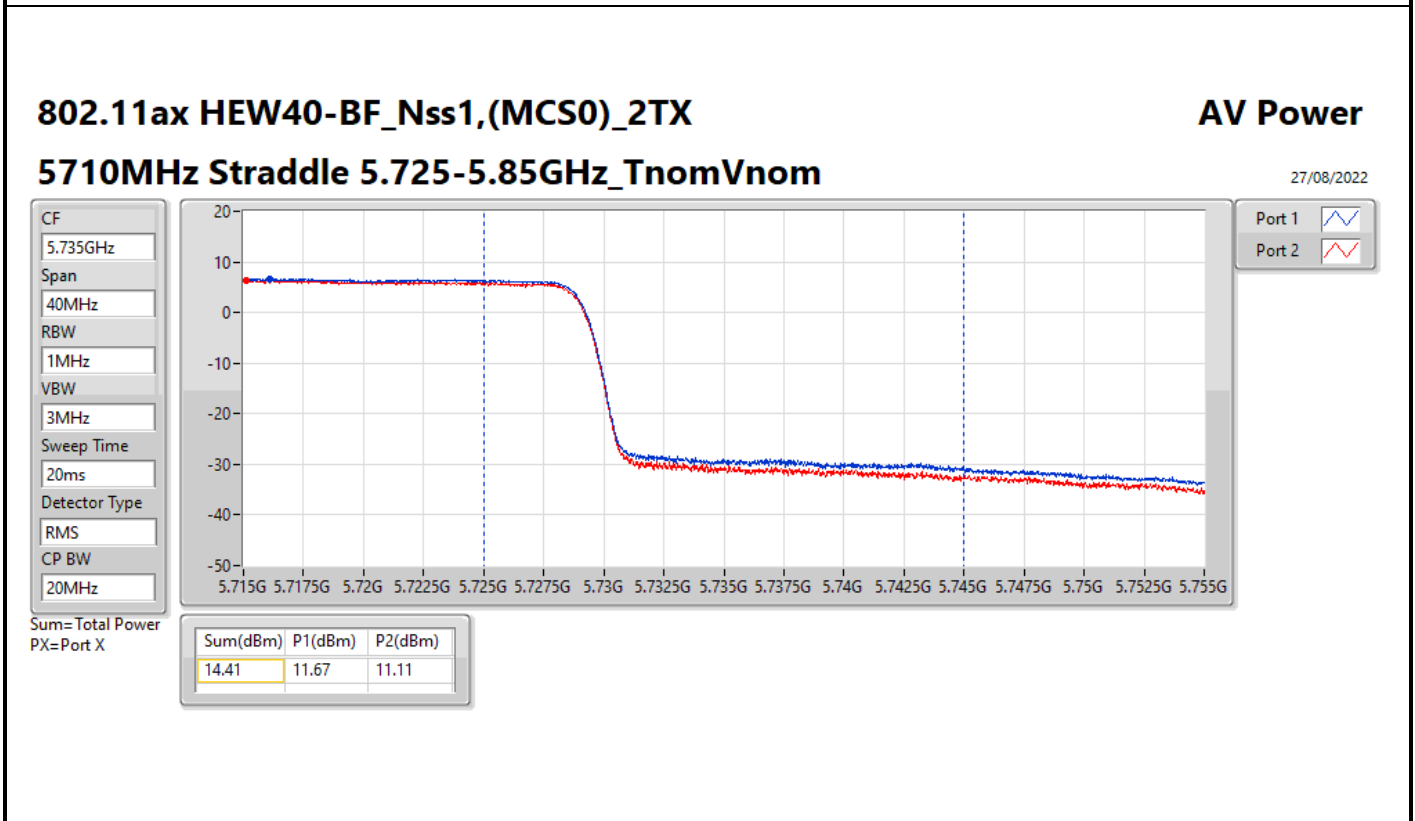
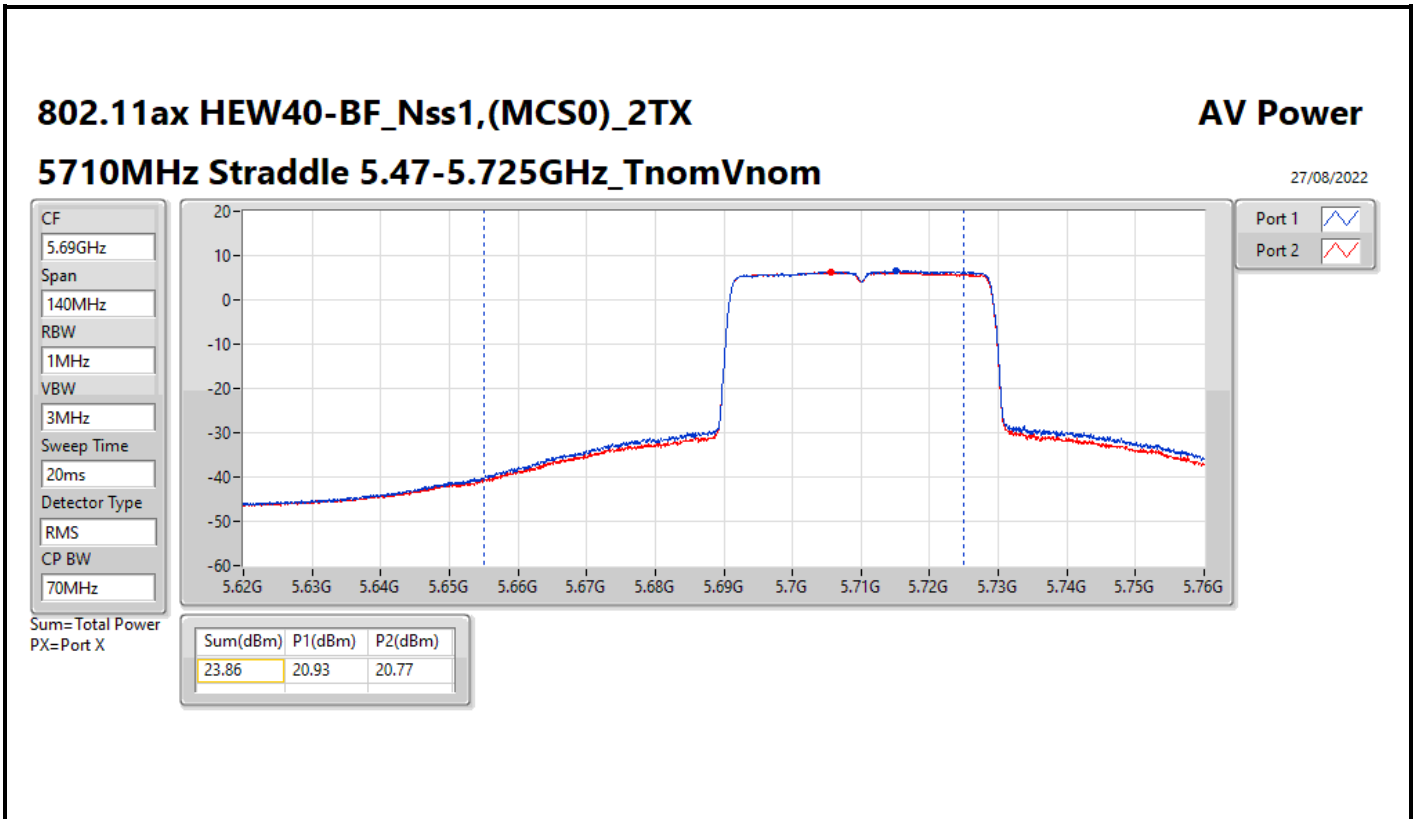
**Appendix C.2**

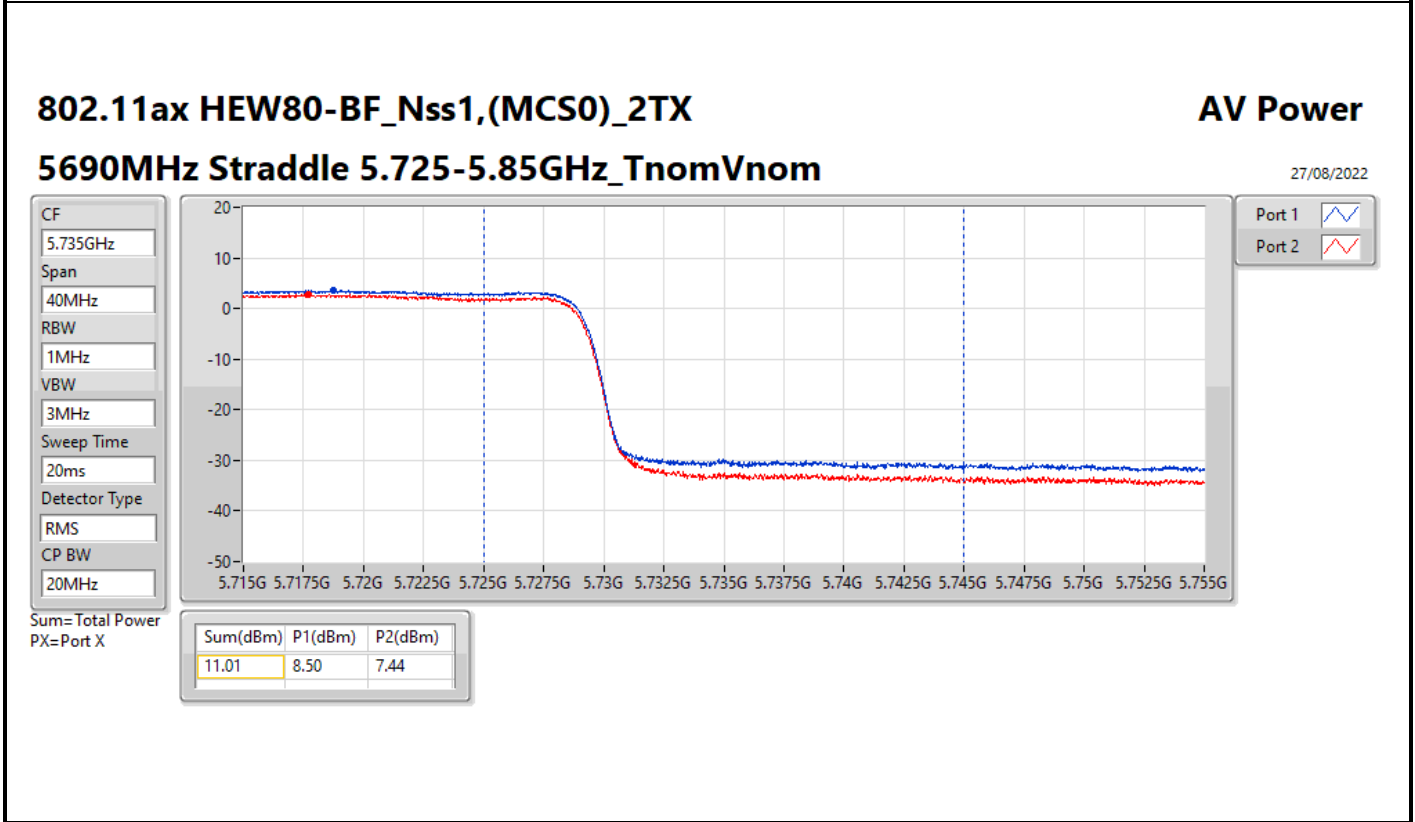
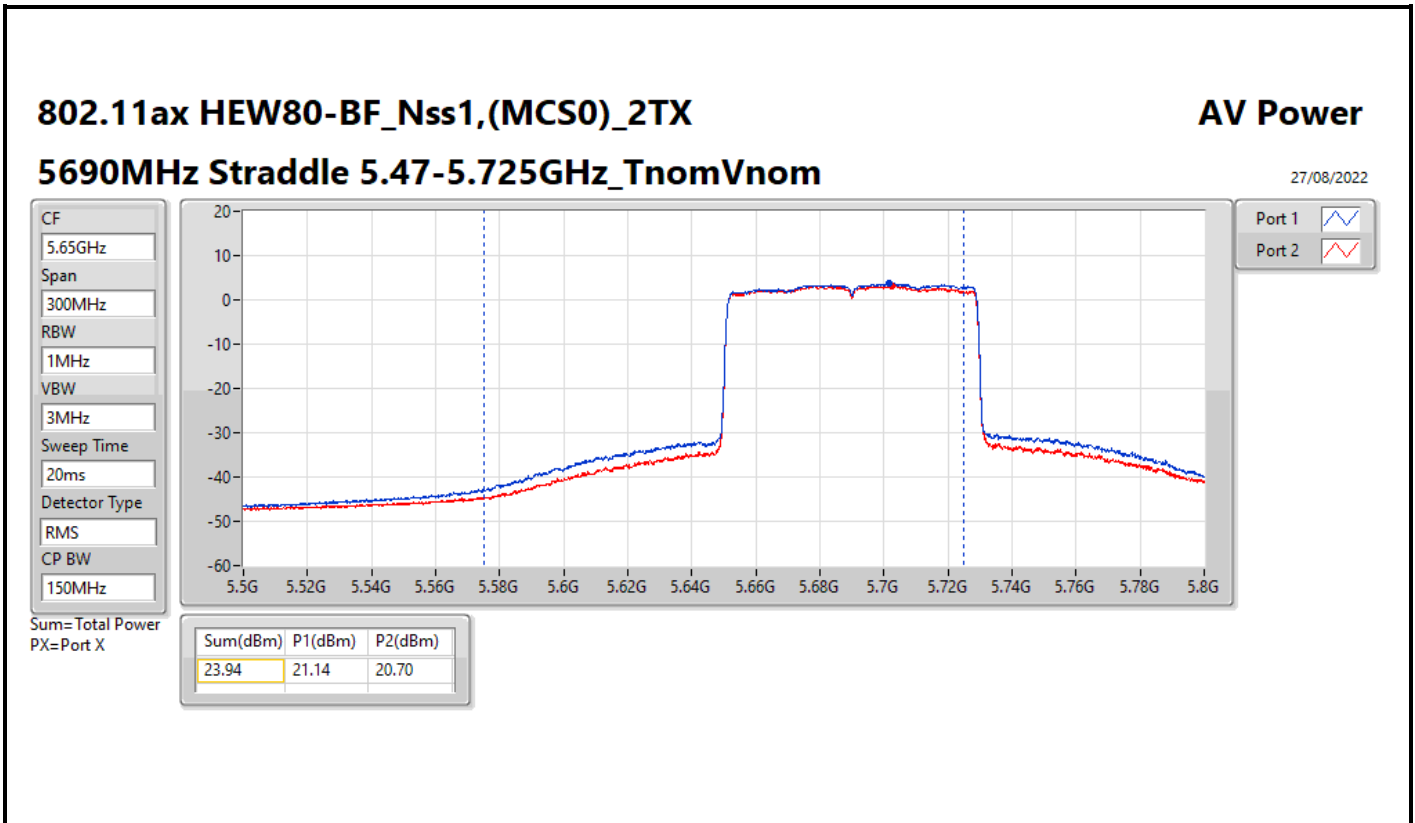
**Result**

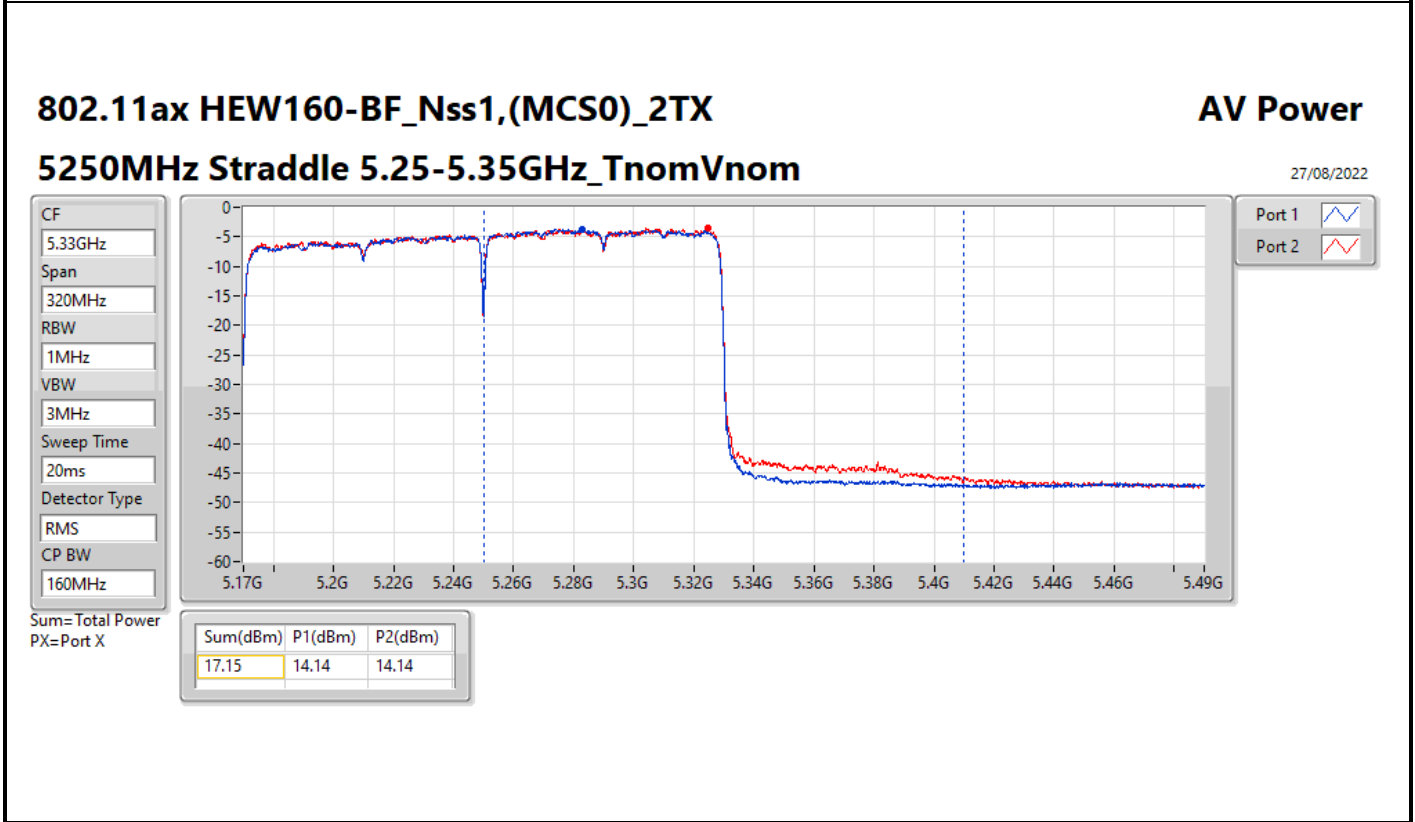
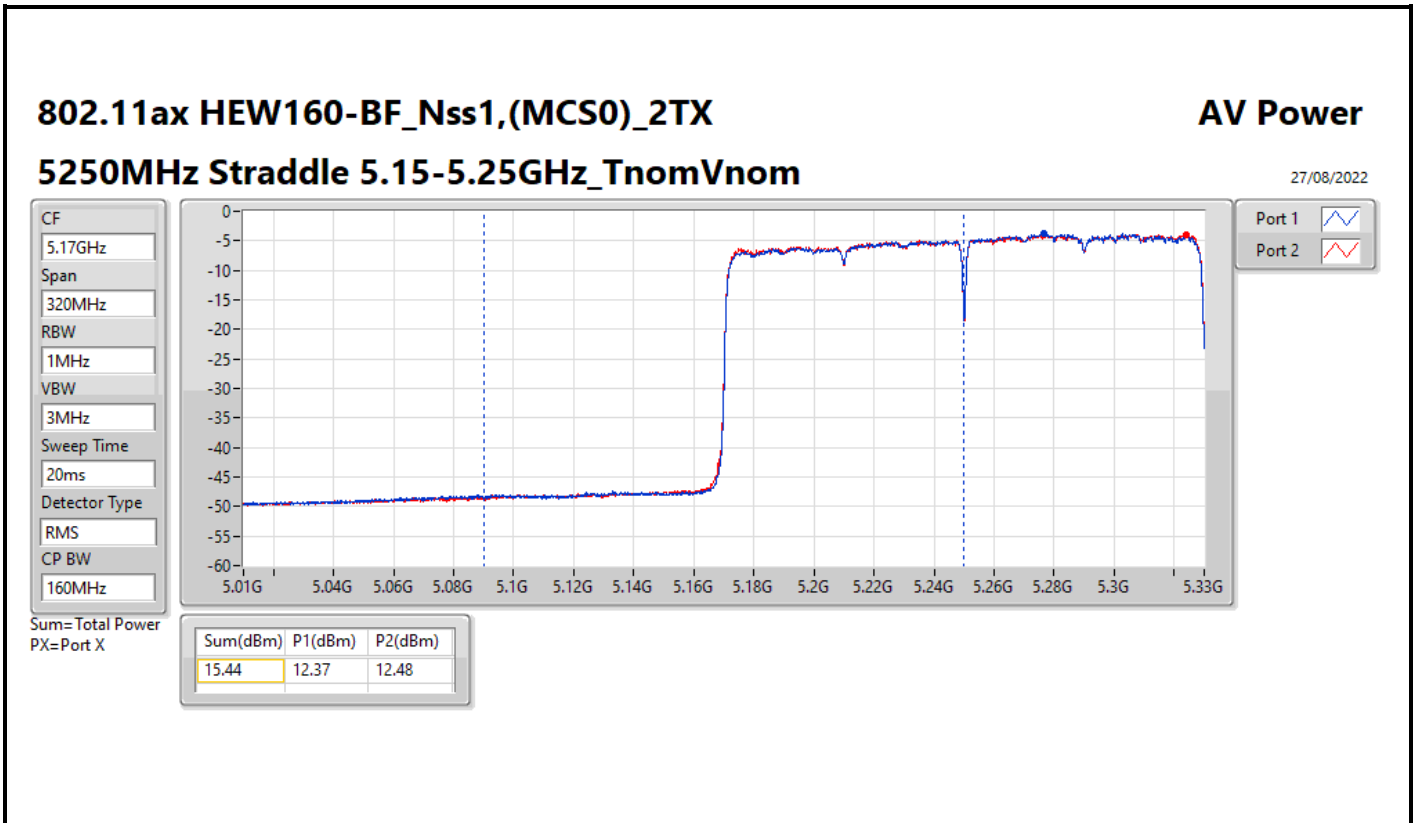
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.11	20.00	20.61	23.33	30.00
5200MHz	Pass	5.11	24.25	24.37	27.32	30.00
5240MHz	Pass	5.11	23.80	24.10	26.96	30.00
5260MHz	Pass	4.47	20.87	20.83	23.86	23.98
5300MHz	Pass	4.47	21.07	20.81	23.95	23.98
5320MHz	Pass	4.47	20.75	20.49	23.63	23.98
5500MHz	Pass	5.29	19.59	19.21	22.41	23.98
5580MHz	Pass	5.29	20.99	20.54	23.78	23.98
5700MHz	Pass	5.29	17.39	17.37	20.39	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	19.89	19.62	22.77	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	14.98	14.54	17.78	30.00
5745MHz	Pass	4.79	25.58	25.29	28.45	30.00
5785MHz	Pass	4.79	26.90	25.40	29.22	30.00
5825MHz	Pass	4.79	25.56	25.28	28.43	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.11	17.70	18.25	20.99	30.00
5230MHz	Pass	5.11	22.57	22.68	25.64	30.00
5270MHz	Pass	4.47	20.96	20.54	23.77	23.98
5310MHz	Pass	4.47	19.19	18.93	22.07	23.98
5510MHz	Pass	5.29	17.10	17.06	20.09	23.98
5550MHz	Pass	5.29	20.89	20.78	23.85	23.98
5670MHz	Pass	5.29	19.03	18.66	21.86	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	20.93	20.77	23.86	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	11.67	11.11	14.41	30.00
5755MHz	Pass	4.79	24.98	24.45	27.73	30.00
5795MHz	Pass	4.79	25.62	24.82	28.25	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.11	18.19	18.57	21.39	30.00
5290MHz	Pass	4.47	18.24	17.91	21.09	23.98
5530MHz	Pass	5.29	18.07	18.53	21.32	23.98
5610MHz	Pass	5.29	20.90	20.44	23.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	21.14	20.70	23.94	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	8.50	7.44	11.01	30.00
5775MHz	Pass	4.79	22.29	21.75	25.04	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.11	12.37	12.48	15.44	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.47	14.14	14.14	17.15	23.98
5570MHz	Pass	5.29	17.23	16.73	20.00	23.98

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











Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.37
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.86
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.99
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	12.37

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





Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.11	5.74	5.93	8.81	17.00
5200MHz	Pass	5.11	11.34	11.43	14.37	17.00
5240MHz	Pass	5.11	10.92	11.17	13.99	17.00
5260MHz	Pass	4.47	7.92	7.79	10.84	11.00
5300MHz	Pass	4.47	8.05	7.93	10.86	11.00
5320MHz	Pass	4.47	6.70	6.61	9.61	11.00
5500MHz	Pass	5.29	6.04	5.44	8.70	11.00
5580MHz	Pass	5.29	8.23	7.91	10.99	11.00
5700MHz	Pass	5.29	4.75	4.70	7.68	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	7.92	7.47	10.71	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	6.30	5.86	9.06	30.00
5745MHz	Pass	4.79	9.51	9.21	12.37	30.00
5785MHz	Pass	4.79	8.97	8.69	11.78	30.00
5825MHz	Pass	4.79	8.40	7.96	11.10	30.00

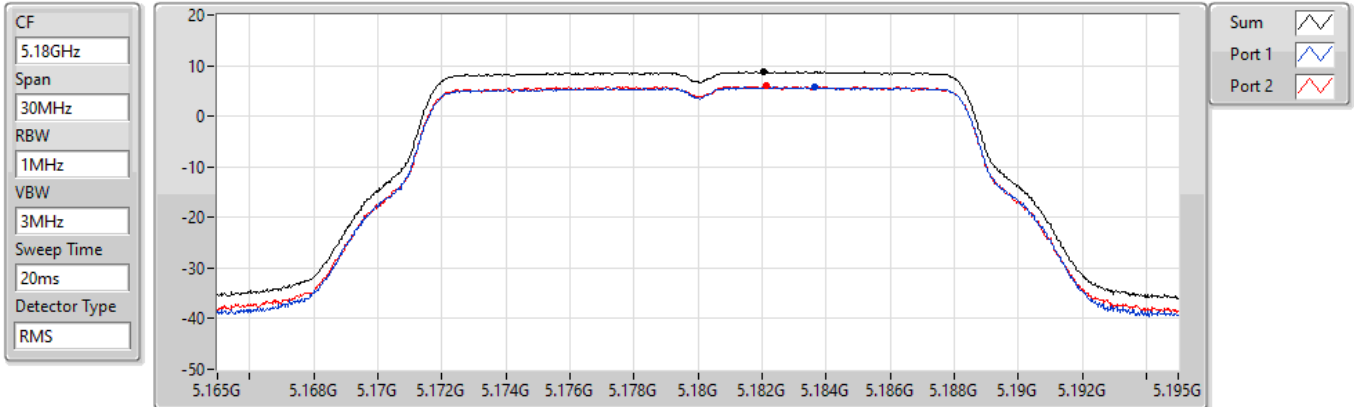
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5180MHz

27/08/2022



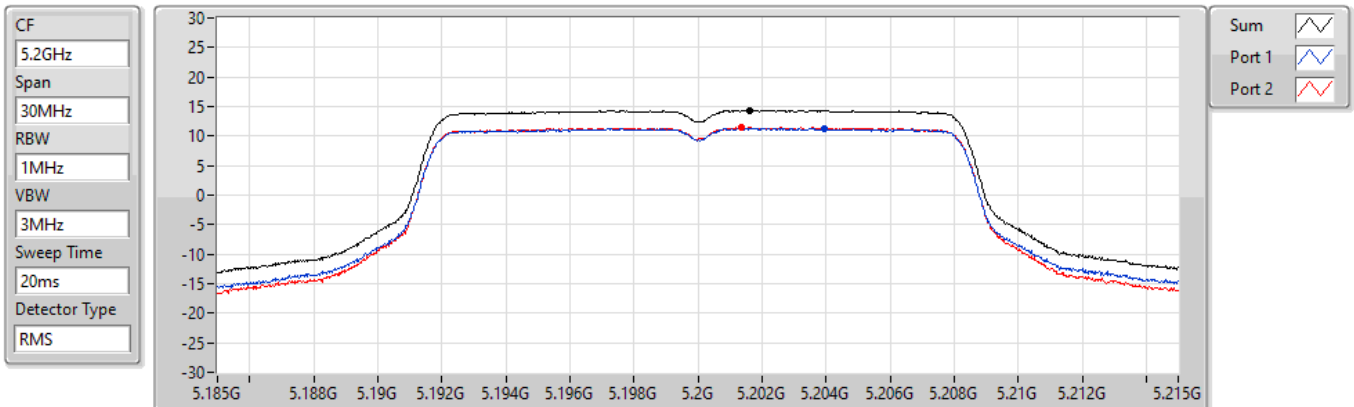
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	5.74	5.93

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5200MHz

27/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.37	14.37	11.34	11.43

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5240MHz

27/08/2022

CF  
5.24GHz

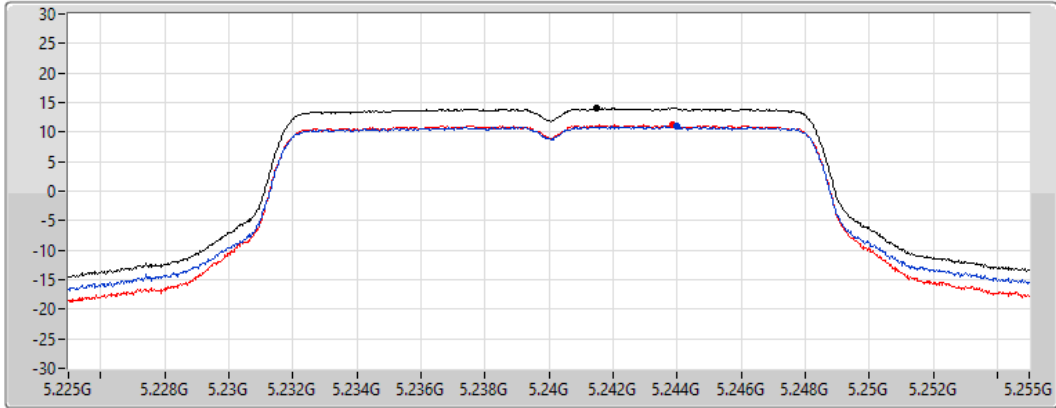
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.99	13.99	10.92	11.17

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5260MHz

27/08/2022

CF  
5.26GHz

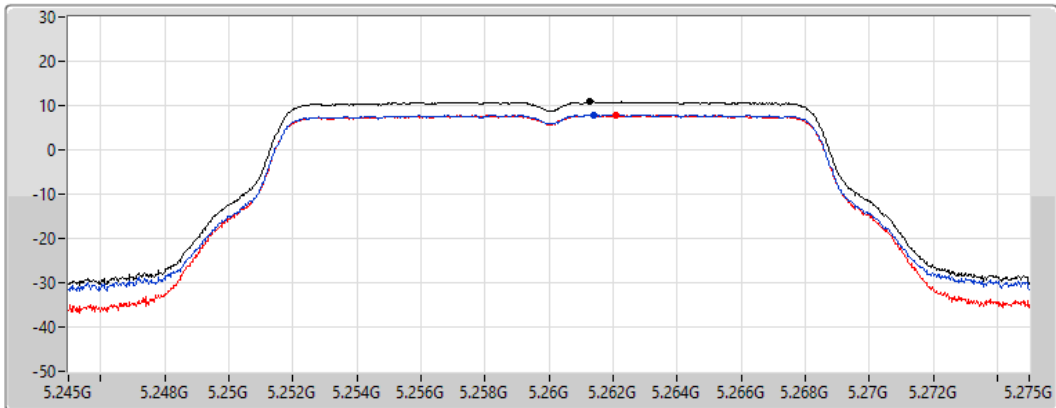
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	7.92	7.79

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5300MHz

27/08/2022

CF  
5.3GHz

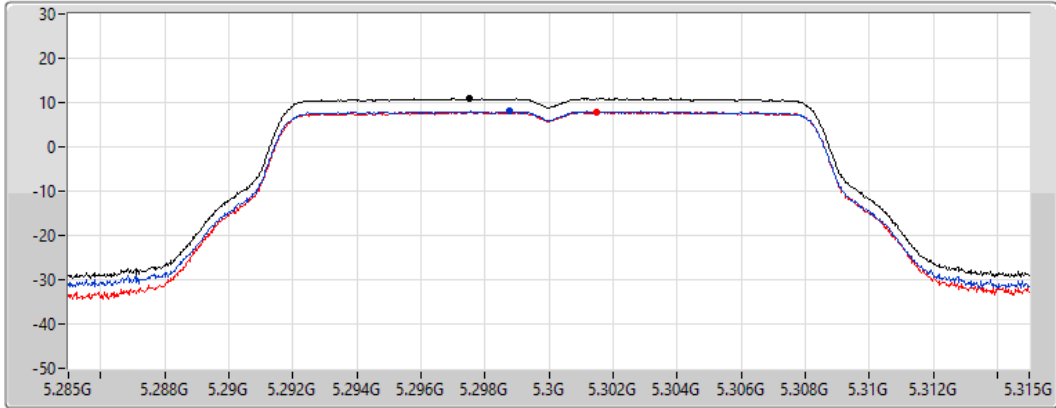
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	8.05	7.93

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5320MHz

27/08/2022

CF  
5.32GHz

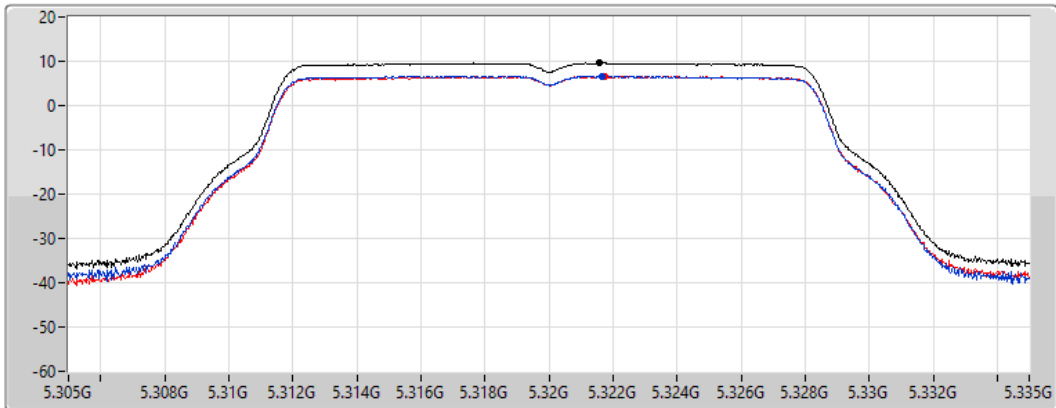
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	6.70	6.61

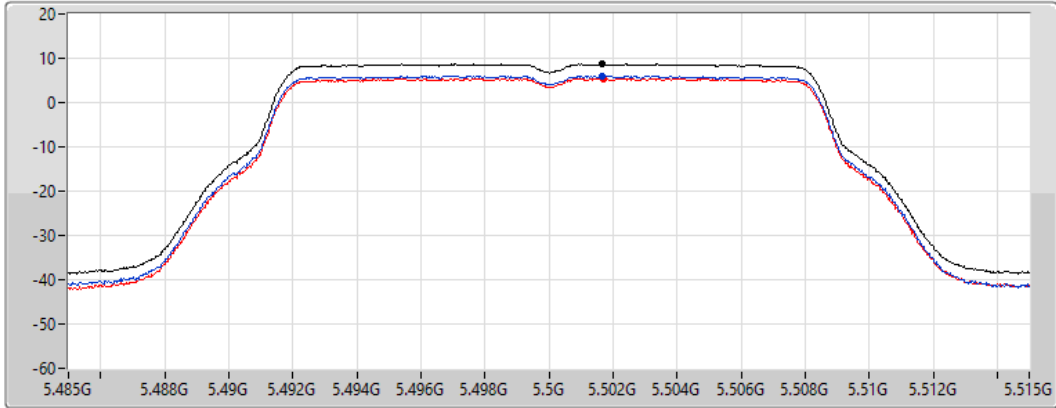
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5500MHz

27/08/2022

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	6.04	5.44

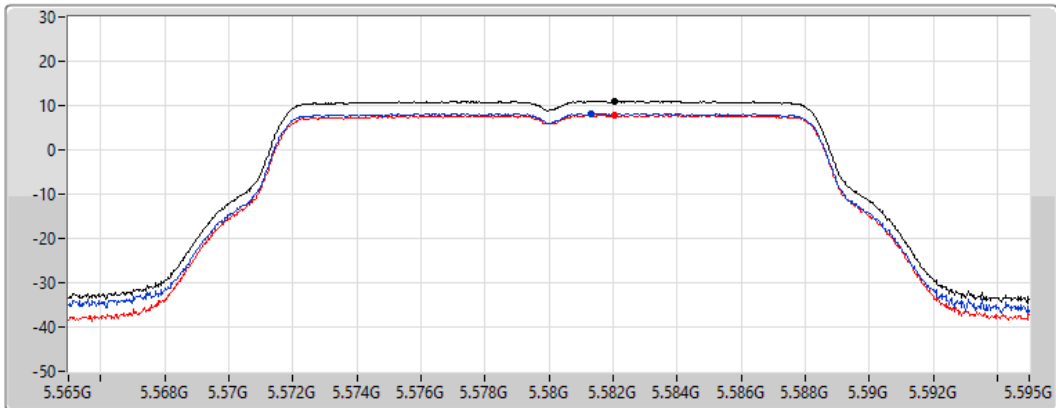
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5580MHz

27/08/2022

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	8.23	7.91

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5700MHz

27/08/2022

CF  
5.7GHz

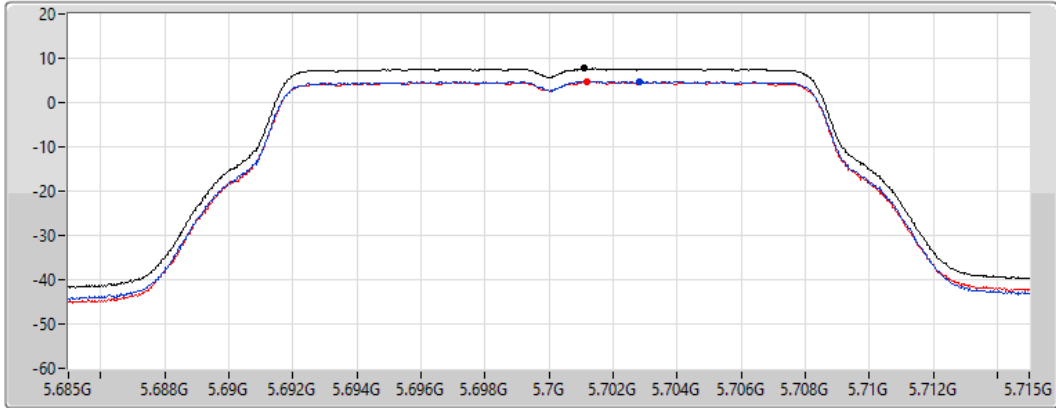
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	4.75	4.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5720MHz Straddle 5.47-5.725GHz

27/08/2022

CF  
5.71GHz

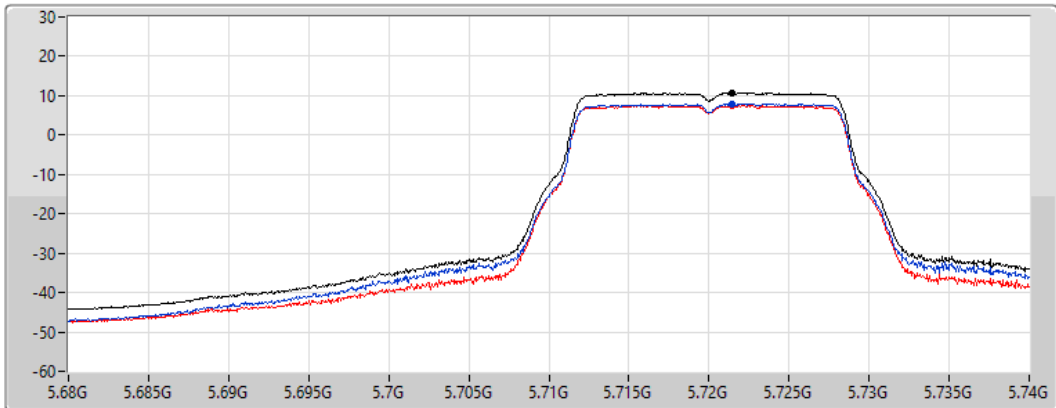
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

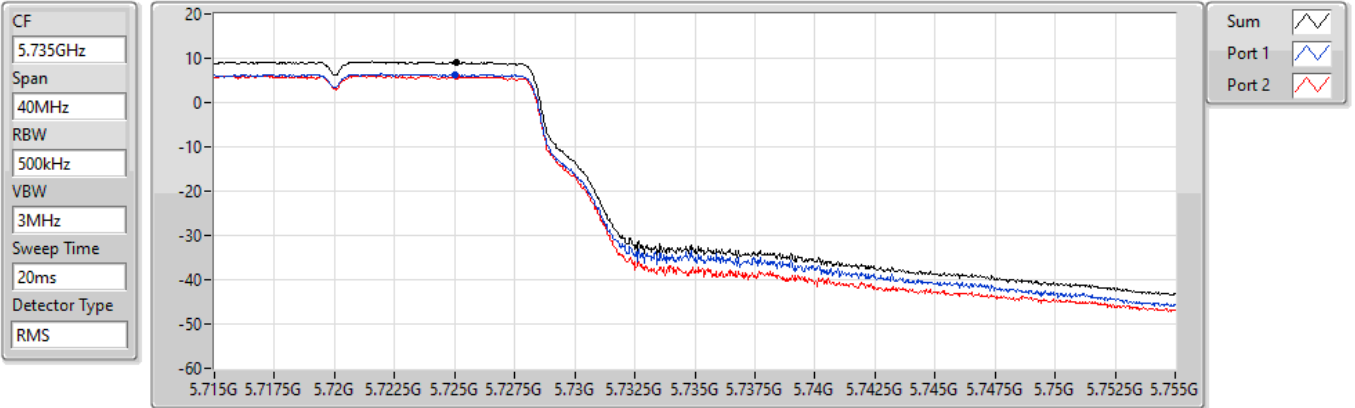
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	7.92	7.47

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5720MHz Straddle 5.725-5.85GHz

27/08/2022



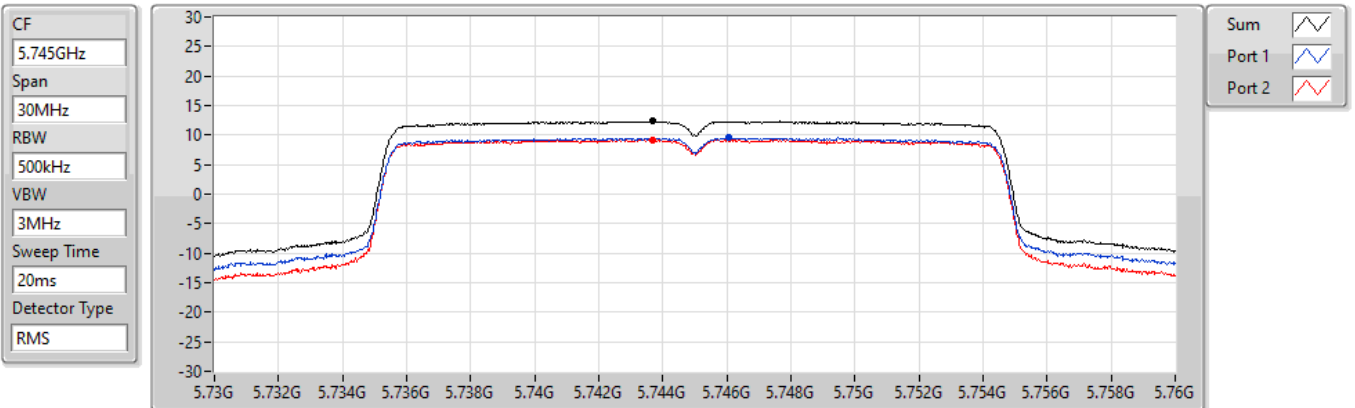
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.06	9.06	6.30	5.86

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5745MHz

27/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.37	12.37	9.51	9.21

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5785MHz

27/08/2022

CF  
5.785GHz

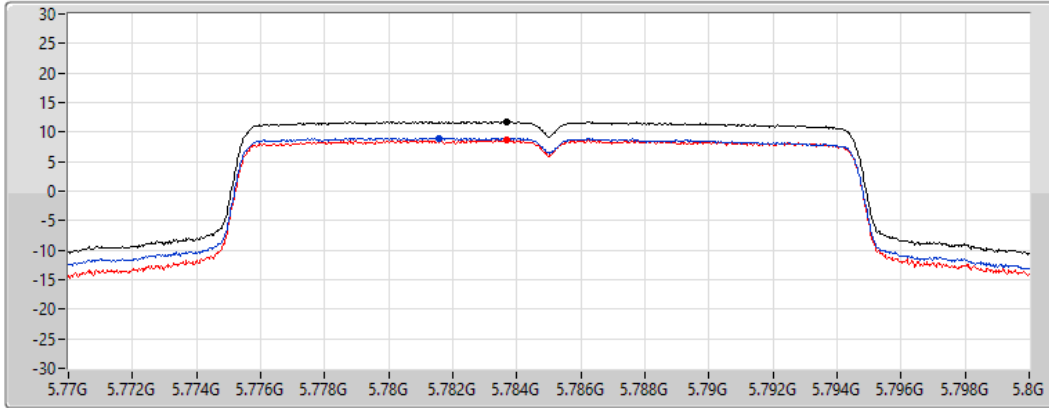
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.78	11.78	8.97	8.69

### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5825MHz

27/08/2022

CF  
5.825GHz

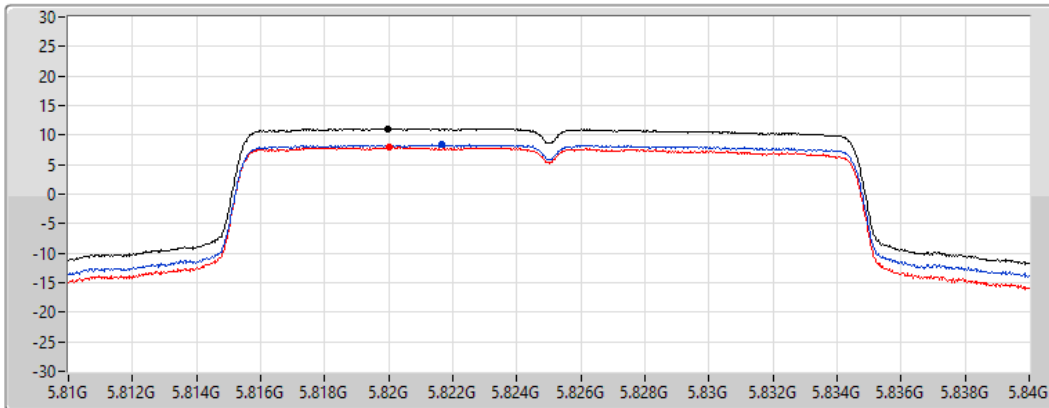
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	8.40	7.96





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.09
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.56
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.36
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-3.51
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.57
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.67
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.95
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-2.29
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.60
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.89
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.93
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-2.21
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.67
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.09
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.24

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.11	7.08	7.29	10.15	17.00
5200MHz	Pass	5.11	11.07	11.20	14.09	17.00
5240MHz	Pass	5.11	10.53	10.88	13.65	17.00
5260MHz	Pass	4.47	7.57	7.60	10.55	11.00
5300MHz	Pass	4.47	7.78	7.44	10.57	11.00
5320MHz	Pass	4.47	7.47	7.19	10.28	11.00
5500MHz	Pass	5.29	6.14	5.88	8.97	11.00
5580MHz	Pass	5.29	7.88	7.40	10.60	11.00
5700MHz	Pass	5.29	4.15	3.98	7.01	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	7.52	7.21	10.32	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	5.91	5.54	8.72	30.00
5745MHz	Pass	4.79	10.36	10.05	13.17	30.00
5785MHz	Pass	4.79	11.28	10.08	13.67	30.00
5825MHz	Pass	4.79	10.16	10.05	13.01	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.11	1.61	2.09	4.82	17.00
5230MHz	Pass	5.11	6.53	6.61	9.56	17.00
5270MHz	Pass	4.47	4.92	4.47	7.67	11.00
5310MHz	Pass	4.47	2.87	2.62	5.71	11.00
5510MHz	Pass	5.29	0.73	0.72	3.68	11.00
5550MHz	Pass	5.29	4.77	4.55	7.57	11.00
5670MHz	Pass	5.29	2.68	2.66	5.67	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	5.07	4.72	7.89	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	3.37	2.94	6.09	30.00
5755MHz	Pass	4.79	6.86	6.38	9.59	30.00
5795MHz	Pass	4.79	7.56	6.69	10.09	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.11	-0.63	-0.54	2.36	17.00
5290MHz	Pass	4.47	-0.80	-1.14	1.95	11.00
5530MHz	Pass	5.29	-1.11	-0.72	2.04	11.00
5610MHz	Pass	5.29	1.77	1.37	4.53	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	2.19	1.75	4.93	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	0.18	-0.70	2.76	30.00
5775MHz	Pass	4.79	1.68	0.81	4.24	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.11	-6.39	-6.45	-3.51	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.47	-5.22	-5.11	-2.29	11.00
5570MHz	Pass	5.29	-5.30	-4.86	-2.21	11.00

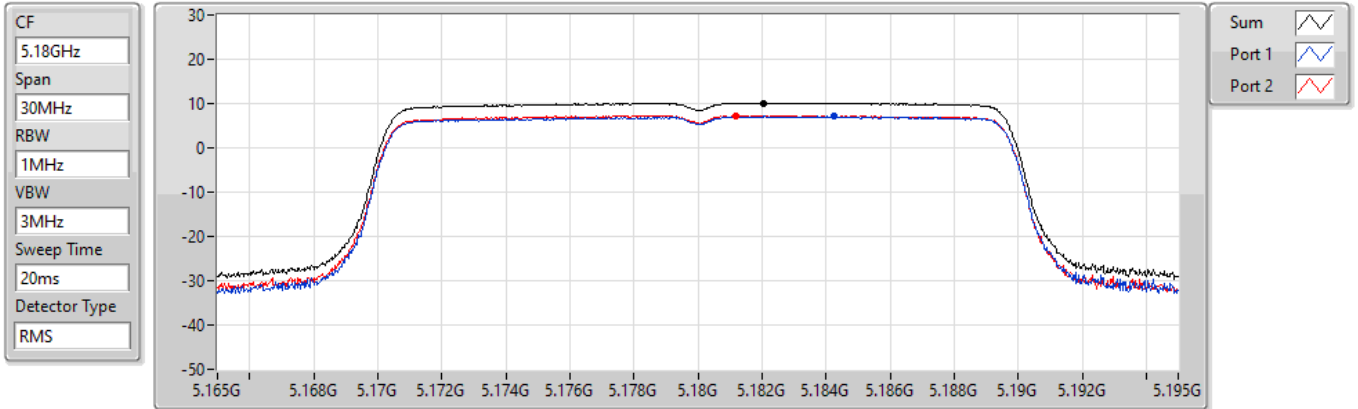
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5180MHz

27/08/2022



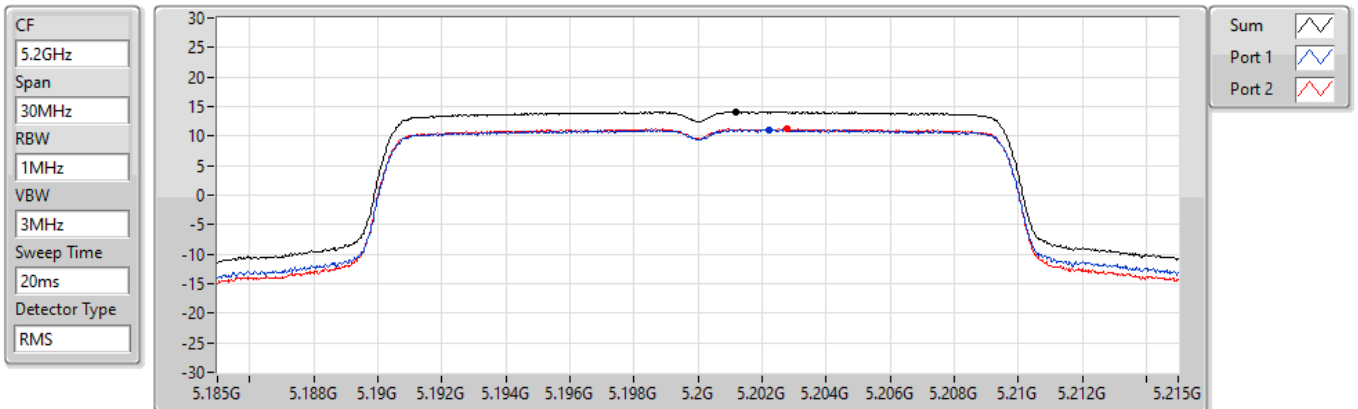
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	7.08	7.29

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5200MHz

27/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.09	14.09	11.07	11.20

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### PSD

#### 5240MHz

27/08/2022

CF  
5.24GHz

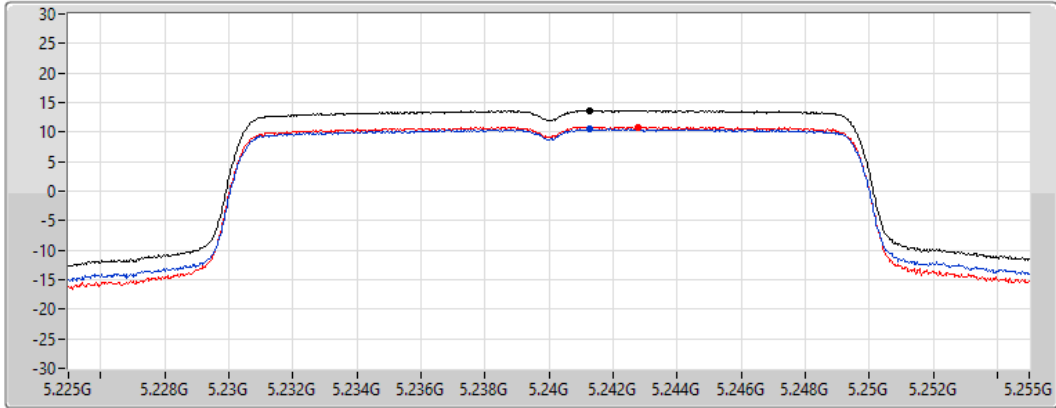
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.65	13.65	10.53	10.88

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### PSD

#### 5260MHz

27/08/2022

CF  
5.26GHz

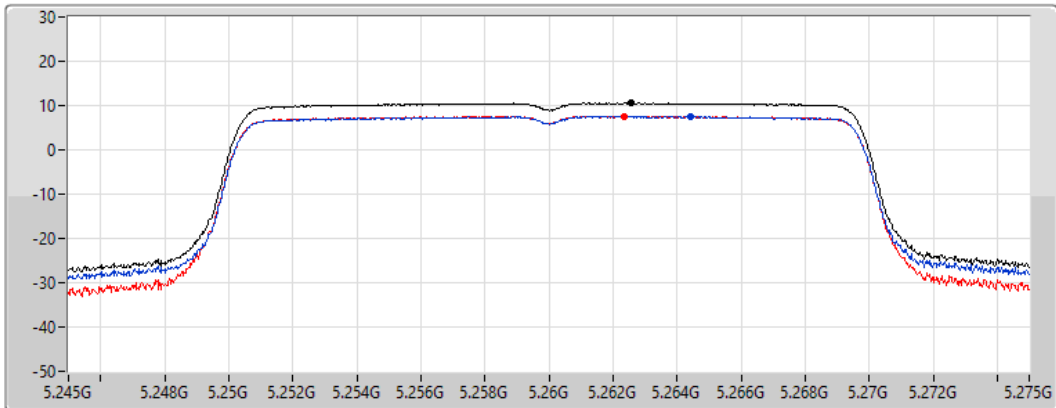
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	7.57	7.60

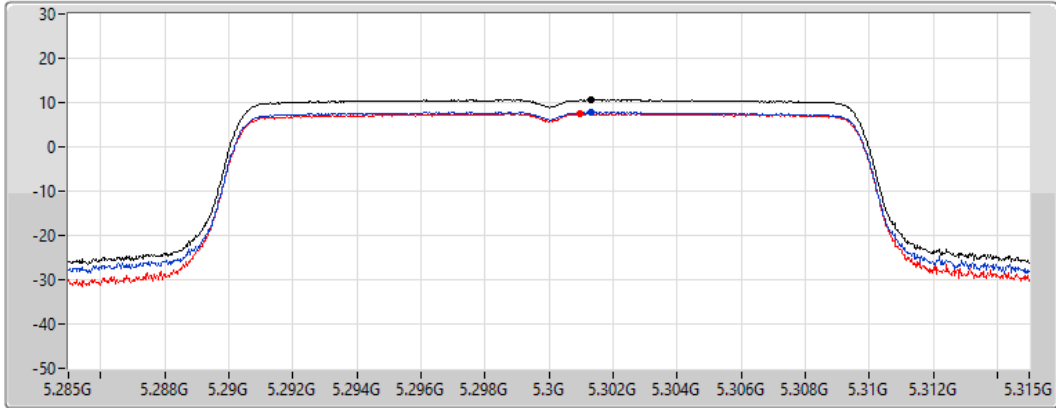
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5300MHz

27/08/2022

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	7.78	7.44

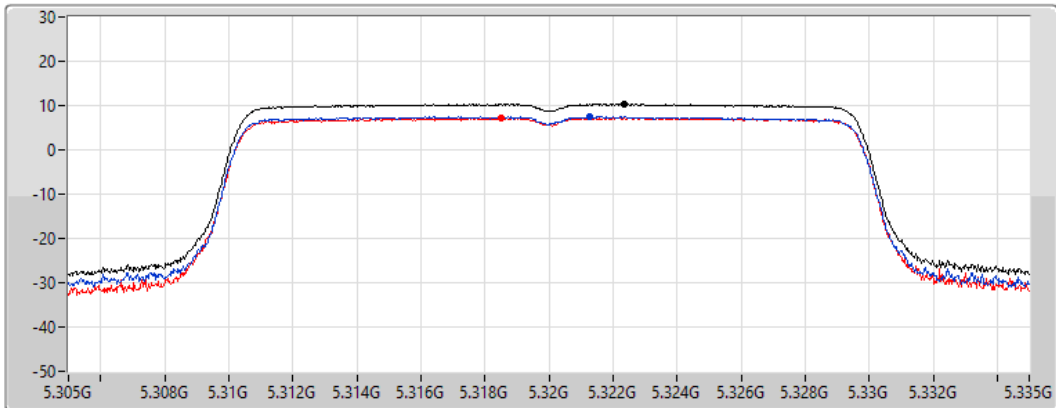
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5320MHz

27/08/2022

CF  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

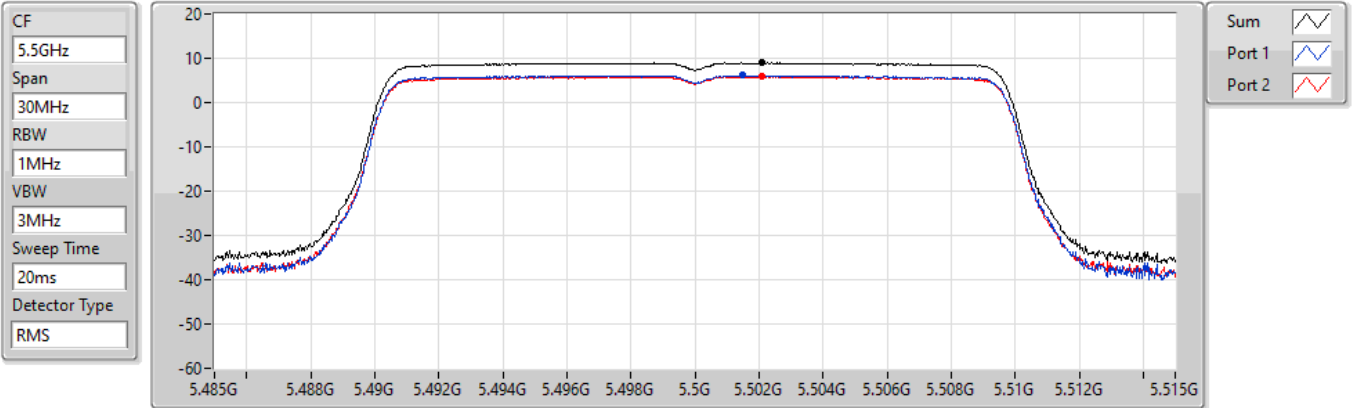
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	7.47	7.19

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5500MHz

27/08/2022

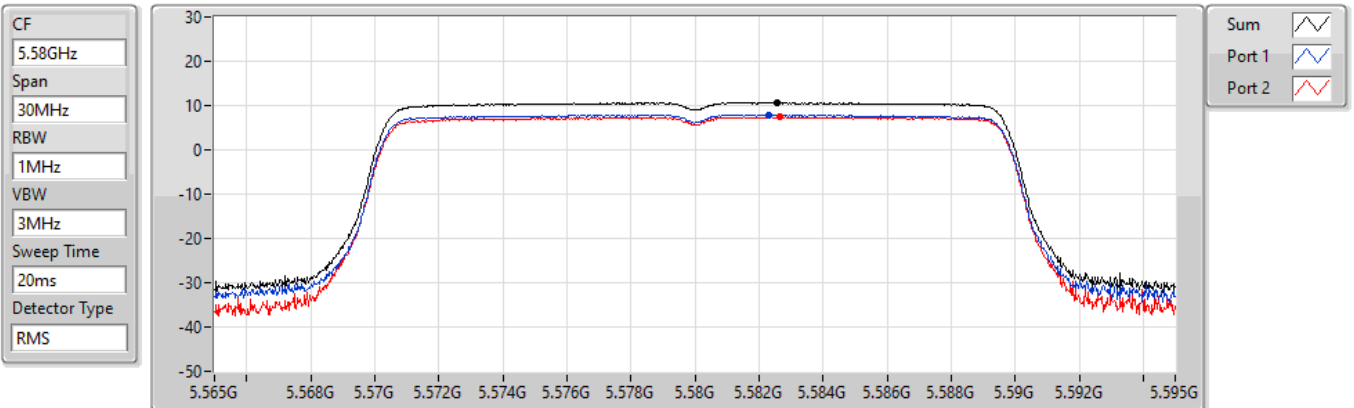


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5580MHz

27/08/2022

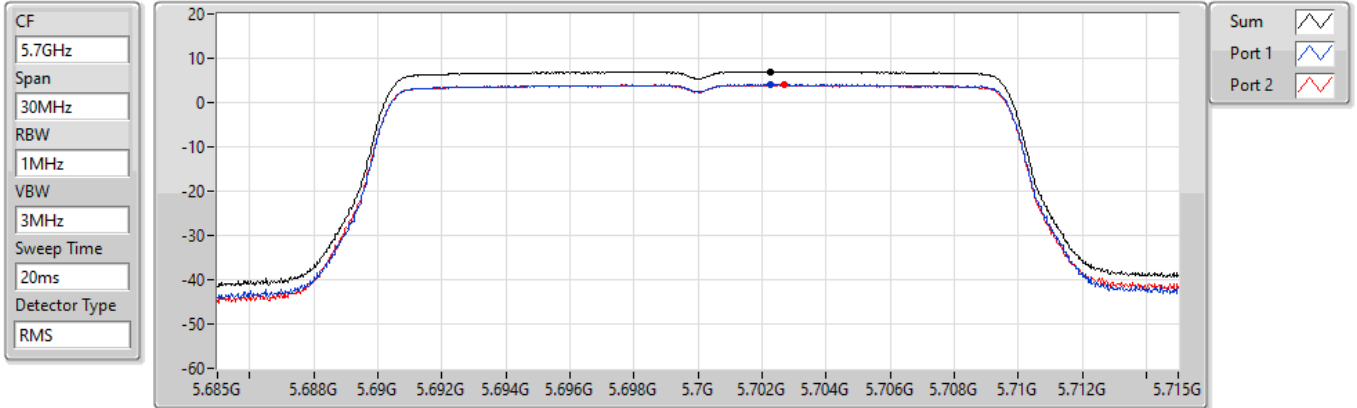


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5700MHz

27/08/2022



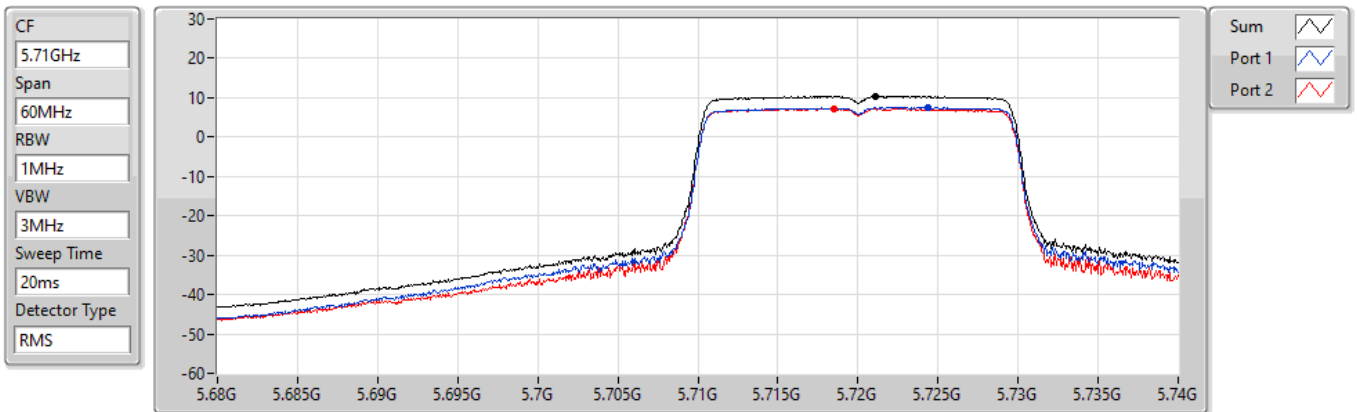
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	4.15	3.98

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	7.52	7.21

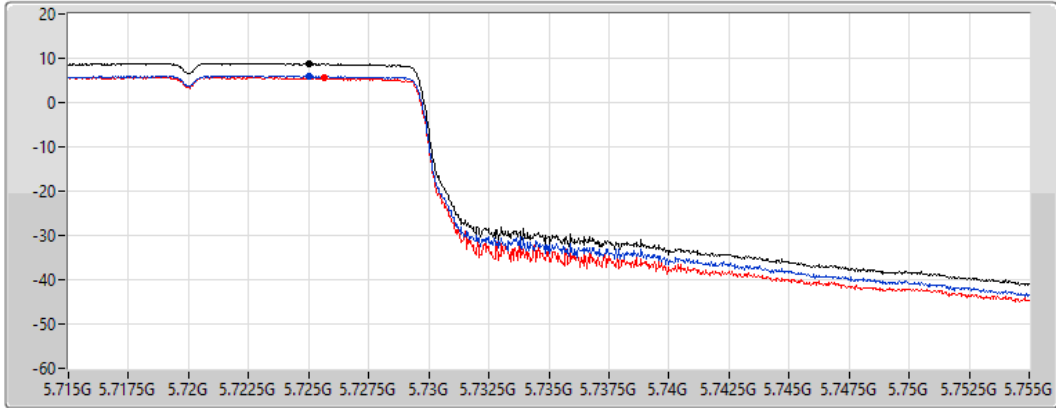
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

27/08/2022

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	5.91	5.54

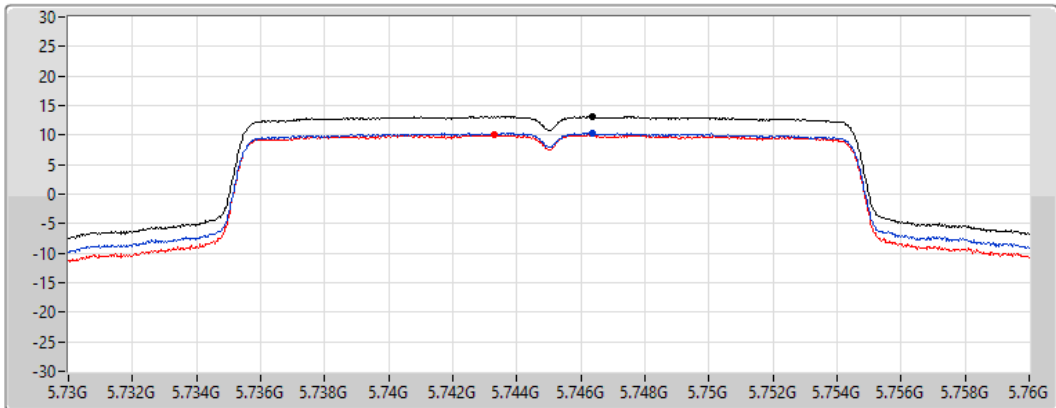
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5745MHz

27/08/2022

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.17	13.17	10.36	10.05



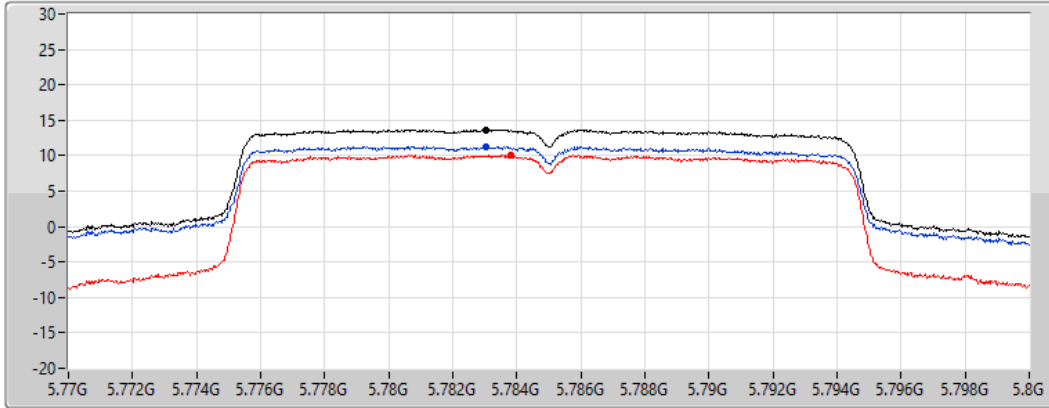
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5785MHz

27/08/2022

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.67	13.67	11.28	10.08

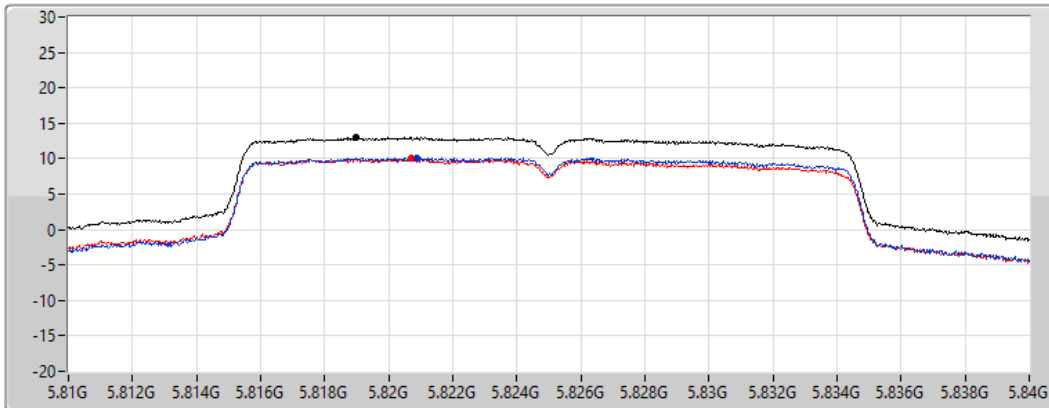
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

PSD

5825MHz

27/08/2022

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.01	13.01	10.16	10.05

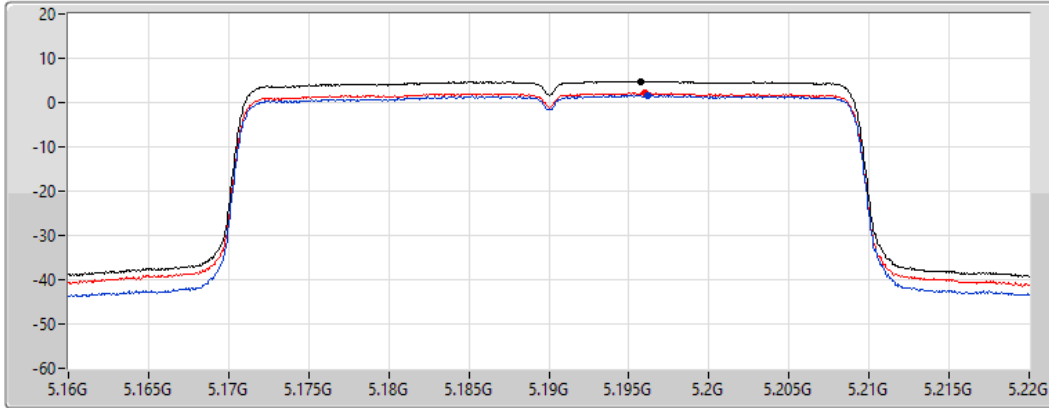
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5190MHz

27/08/2022

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	1.61	2.09

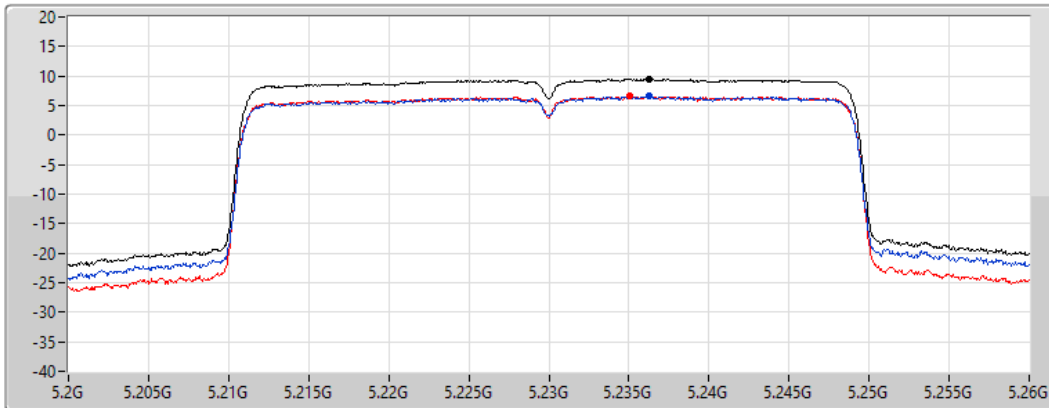
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5230MHz

27/08/2022

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

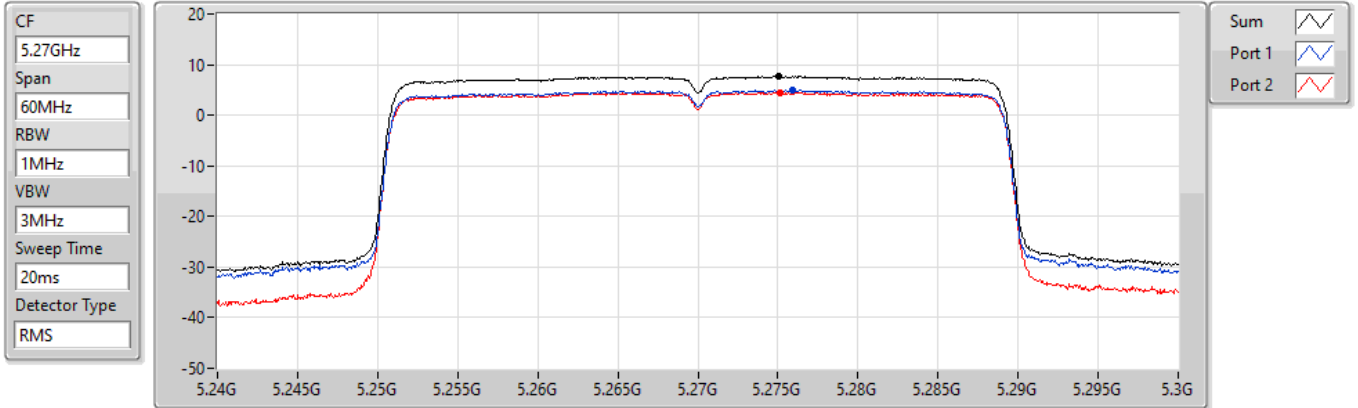
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	6.53	6.61

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5270MHz

27/08/2022

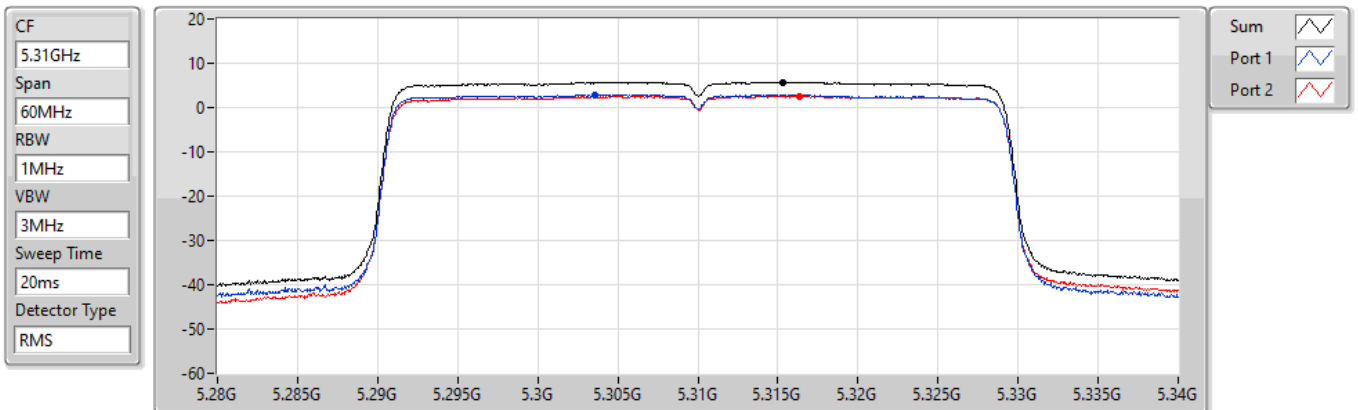


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5310MHz

27/08/2022

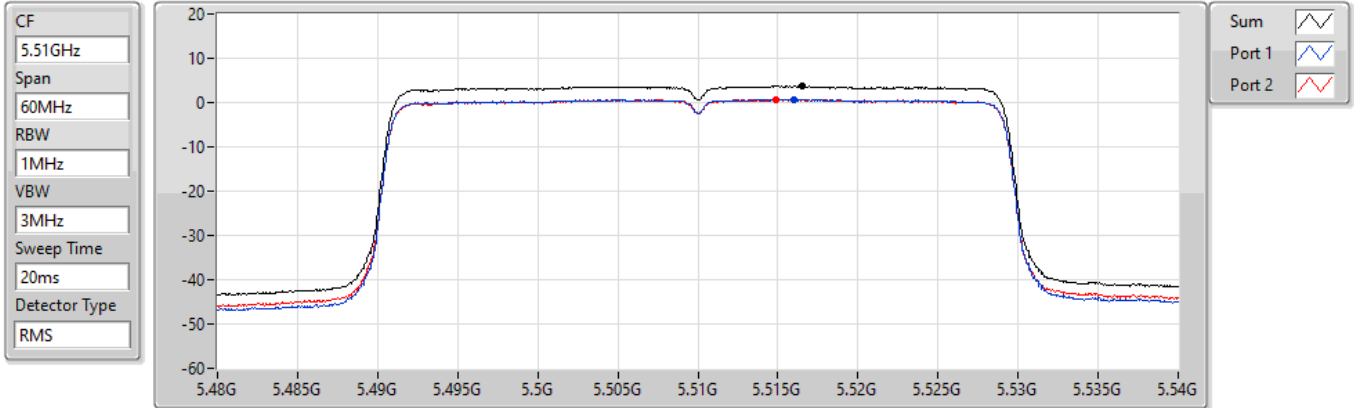


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5510MHz

27/08/2022



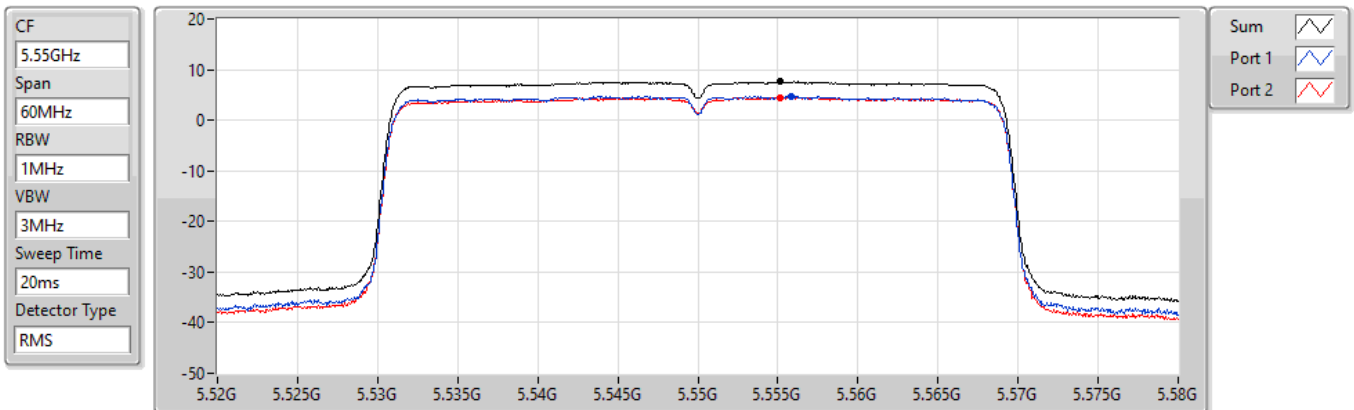
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	0.73	0.72

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5550MHz

27/08/2022



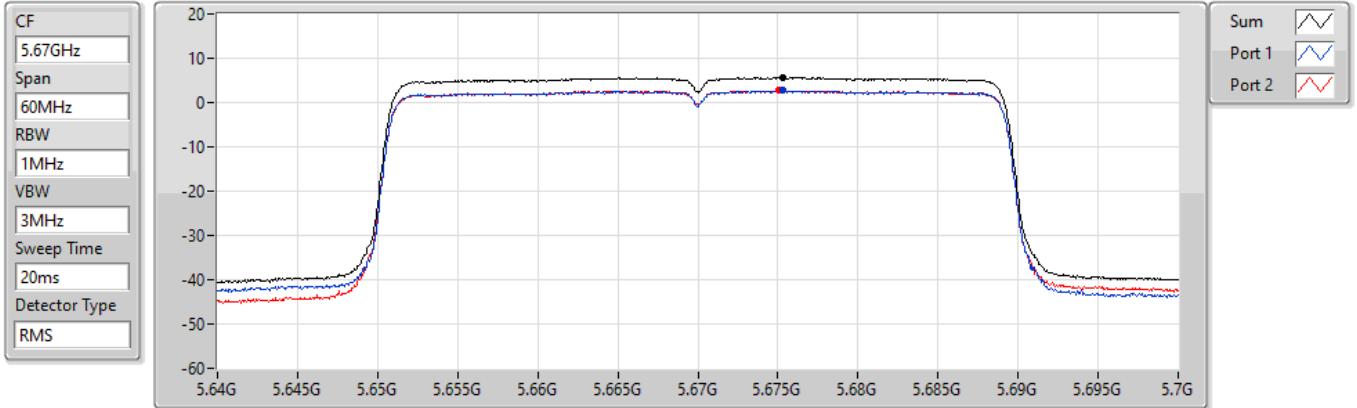
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	4.77	4.55

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5670MHz

27/08/2022

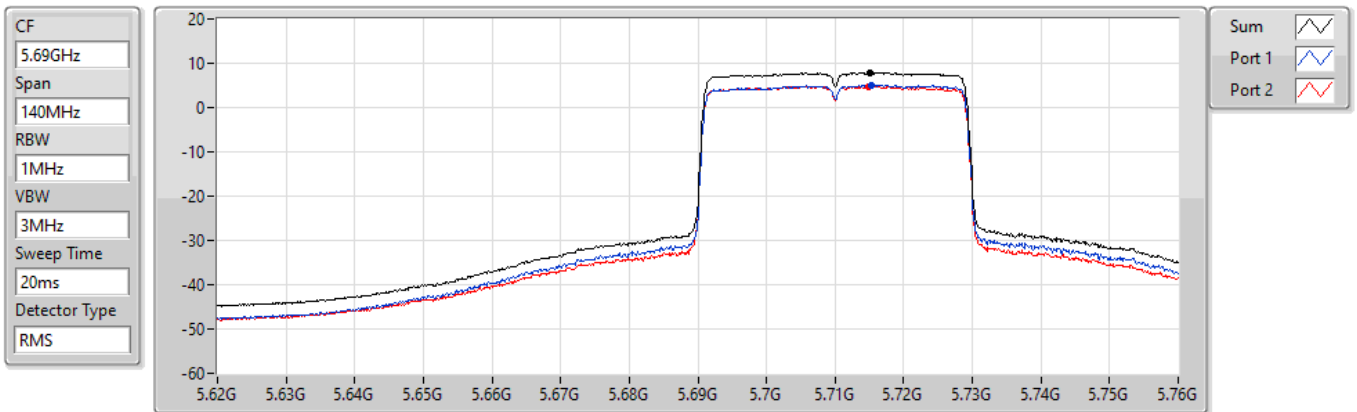


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

27/08/2022

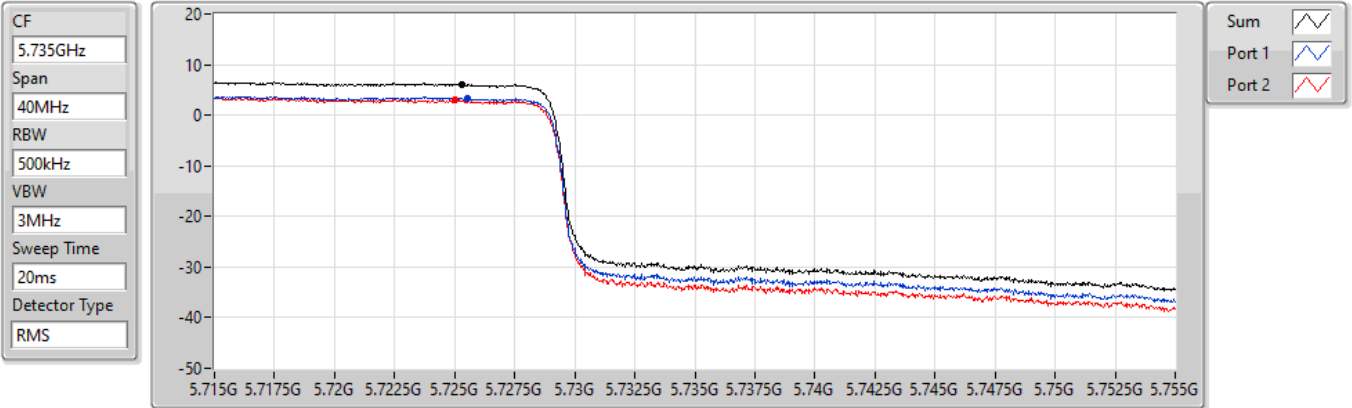


### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

#### 5710MHz Straddle 5.725-5.85GHz

27/08/2022

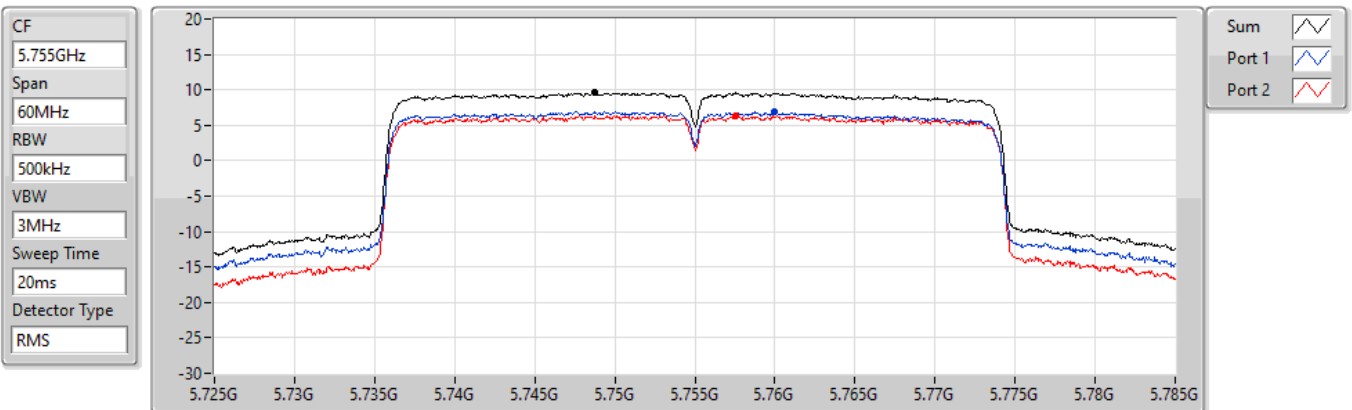


### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

#### 5755MHz

27/08/2022



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

PSD

5795MHz

27/08/2022

CF  
5.795GHz

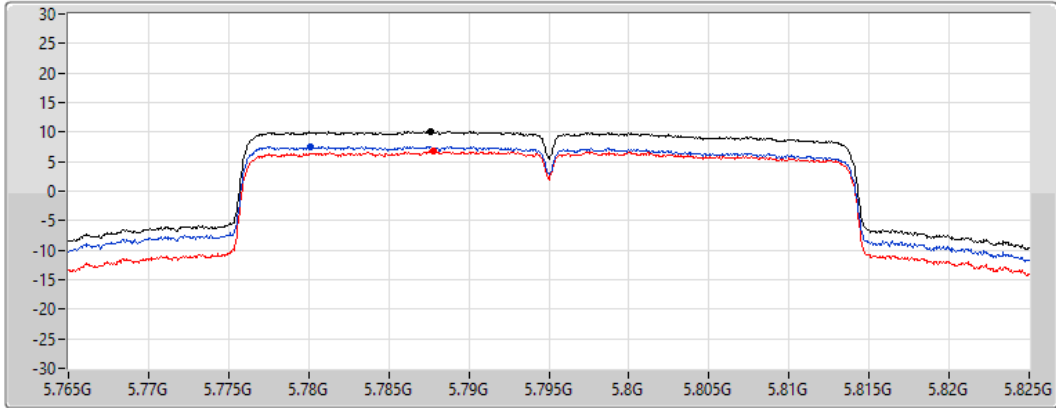
Span  
60MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.09	10.09	7.56	6.69

### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

PSD

5210MHz

27/08/2022

CF  
5.21GHz

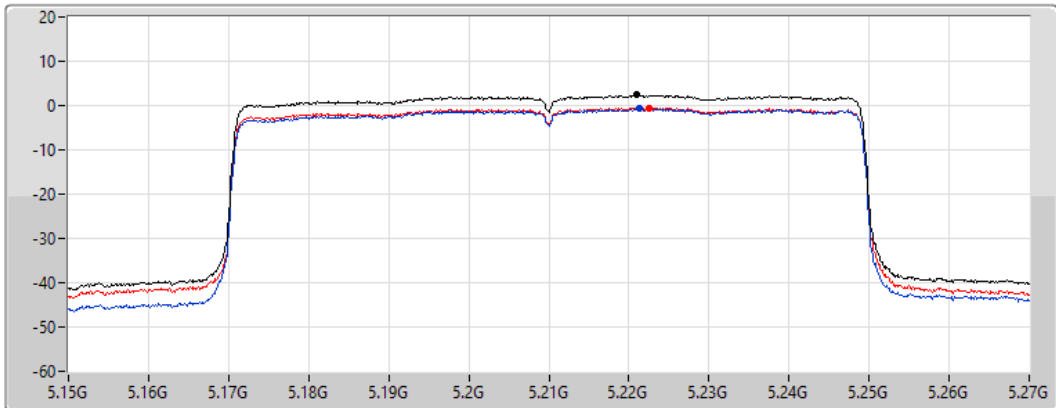
Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

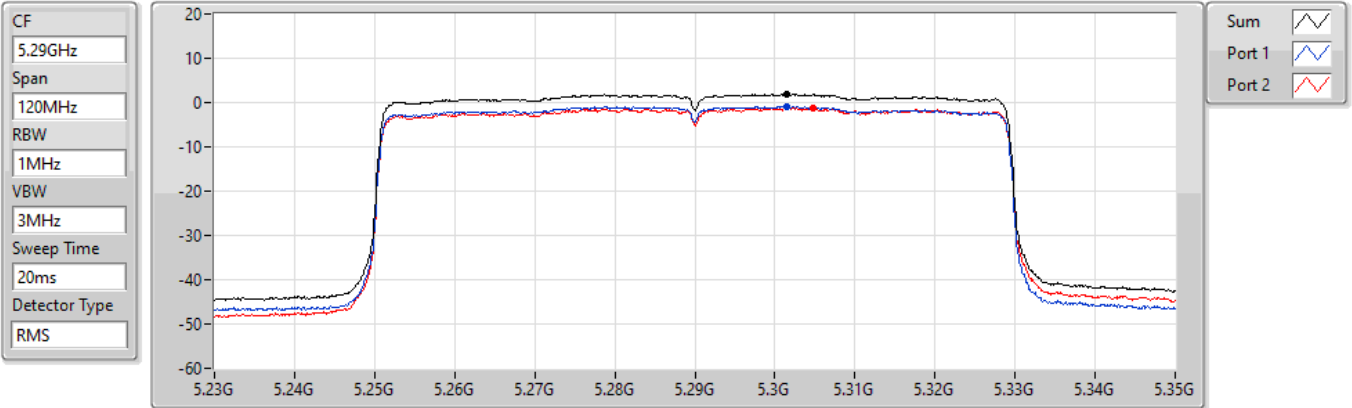
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-0.63	-0.54

802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

PSD

5290MHz

27/08/2022



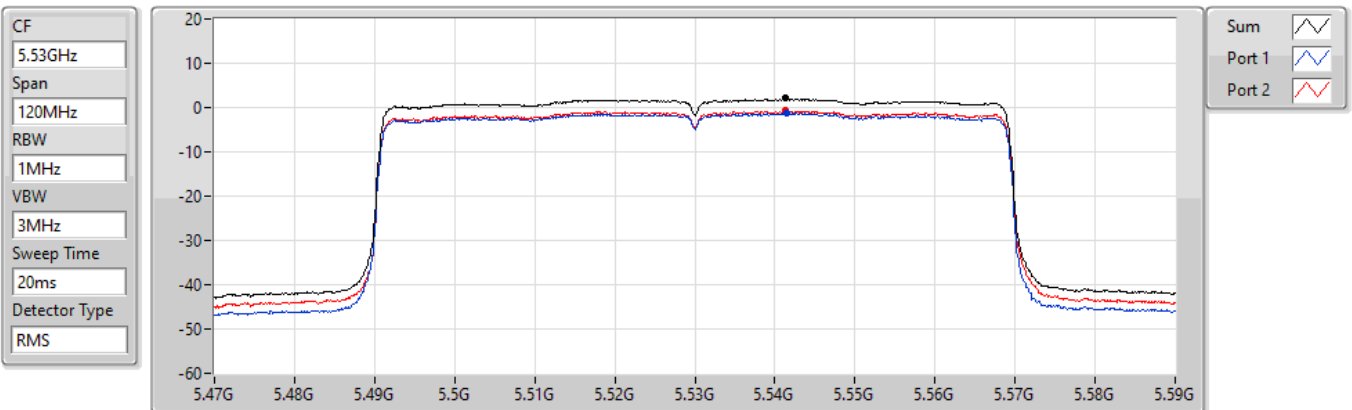
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-0.80	-1.14

802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

PSD

5530MHz

27/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.04	2.04	-1.11	-0.72



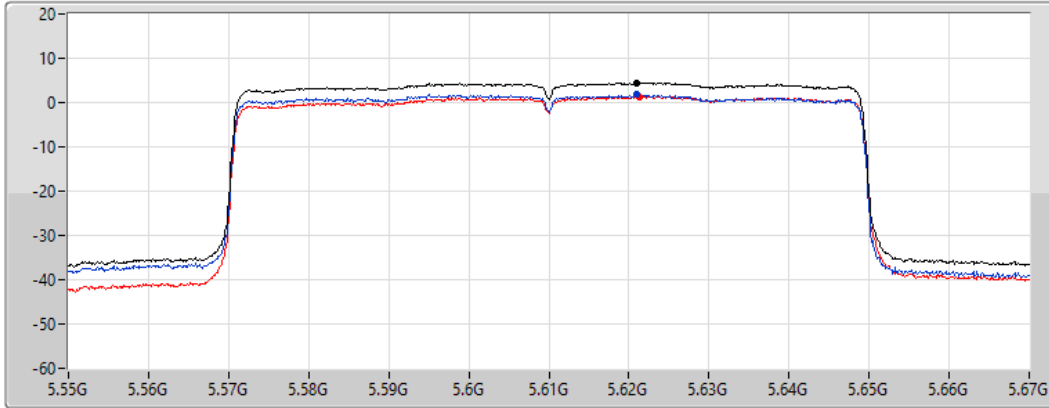
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX




PSD

5610MHz

27/08/2022

CF  
5.61GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.53	4.53	1.77	1.37

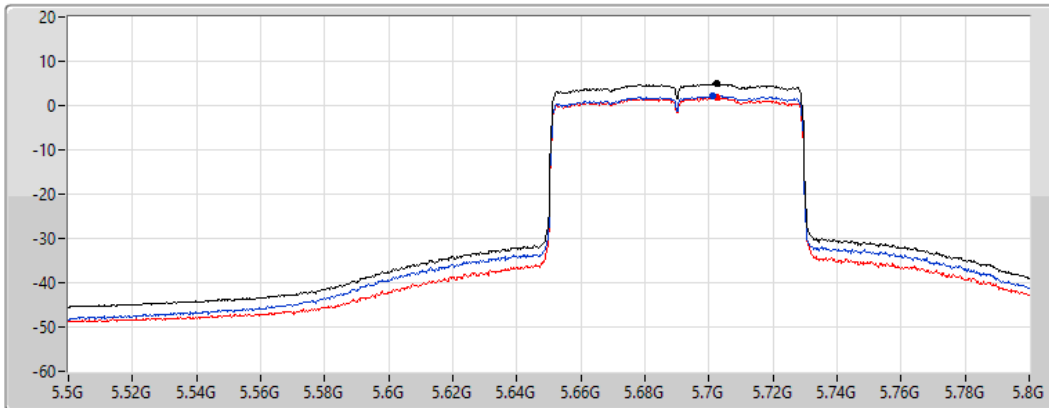
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX




PSD

5690MHz Straddle 5.47-5.725GHz

27/08/2022

CF  
5.65GHz  
Span  
300MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

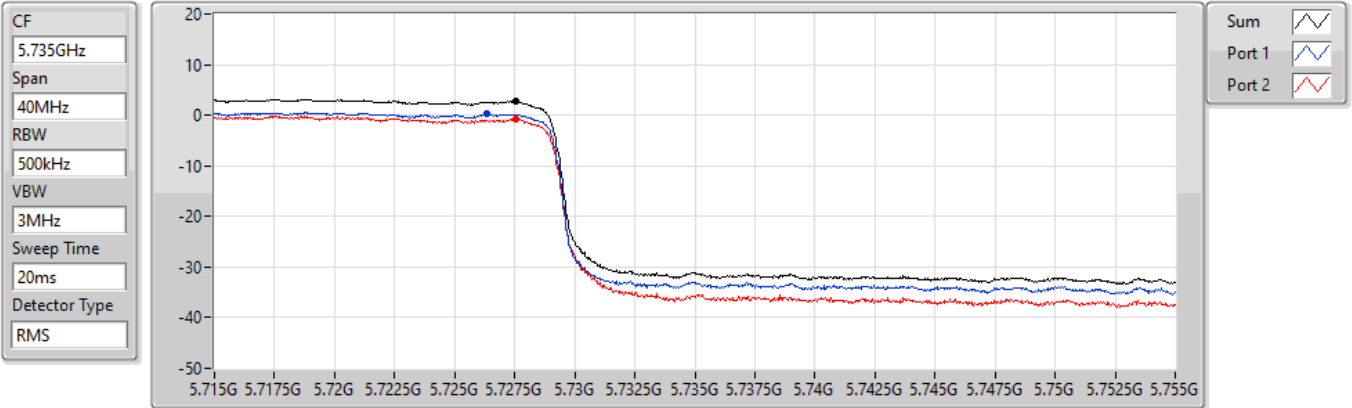
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	2.19	1.75

### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

PSD

#### 5690MHz Straddle 5.725-5.85GHz

27/08/2022



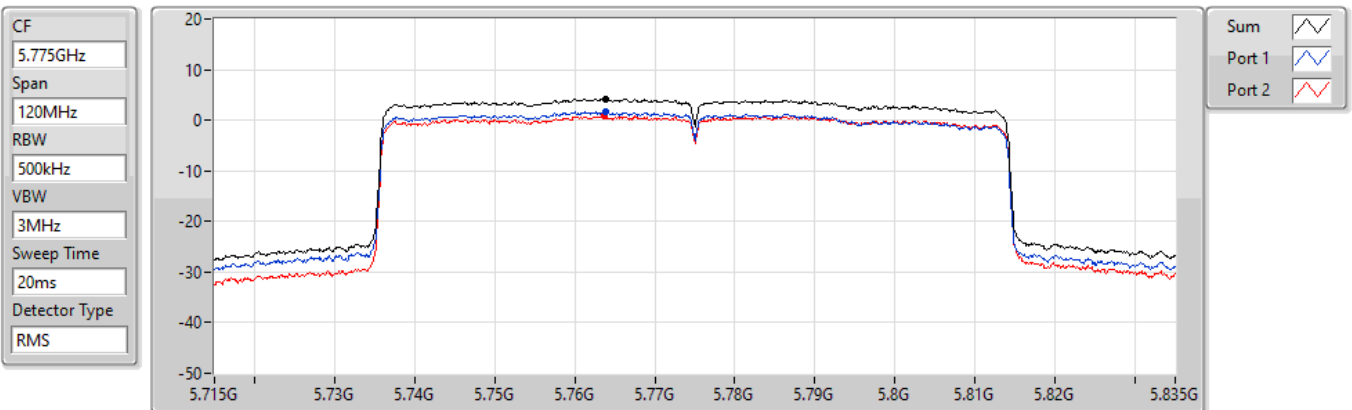
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.76	2.76	0.18	-0.70

### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

PSD

#### 5775MHz

27/08/2022



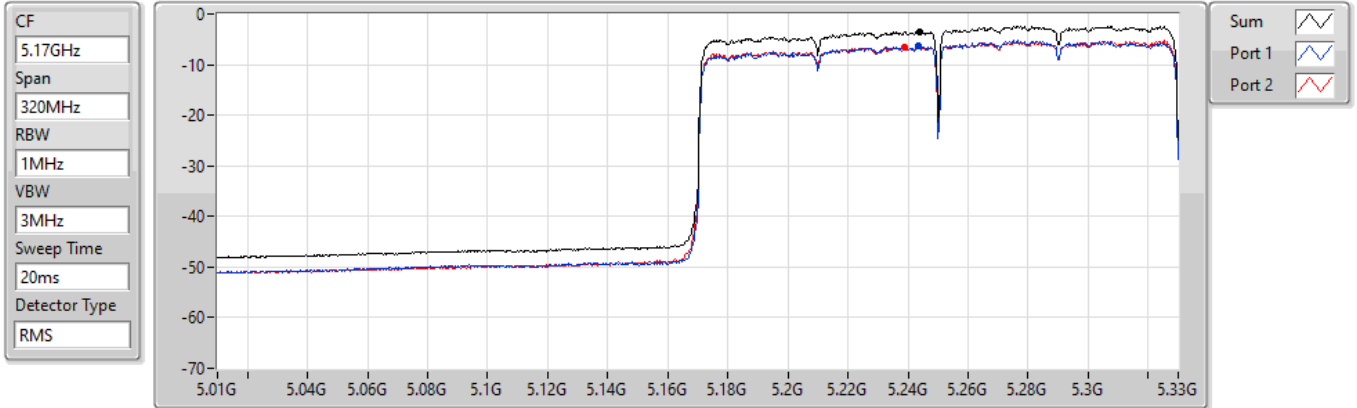
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.24	4.24	1.68	0.81

### 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

PSD

#### 5250MHz Straddle 5.15-5.25GHz

27/08/2022



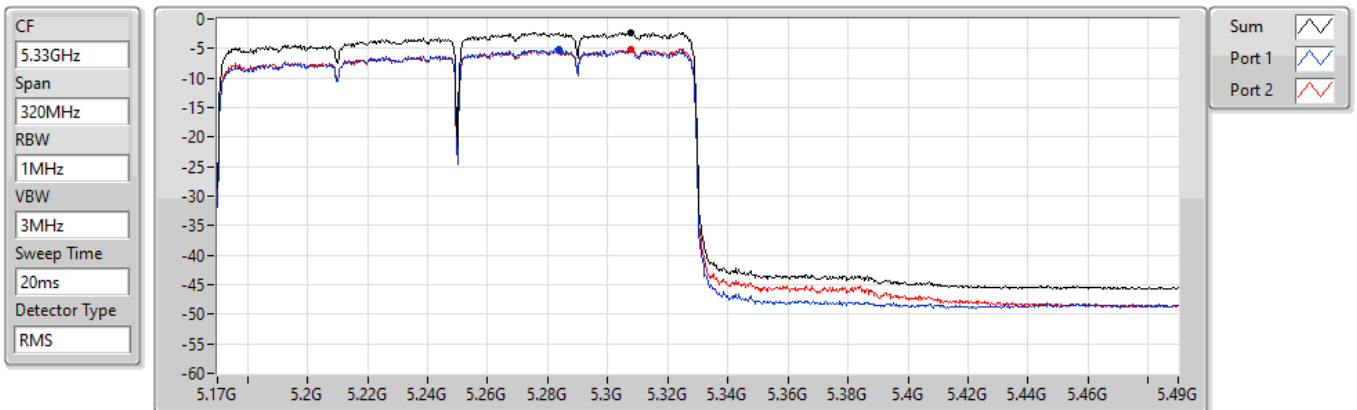
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.51	-3.51	-6.39	-6.45

### 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

PSD

#### 5250MHz Straddle 5.25-5.35GHz

27/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.29	-2.29	-5.22	-5.11

802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

PSD

5570MHz

27/08/2022

CF  
5.57GHz

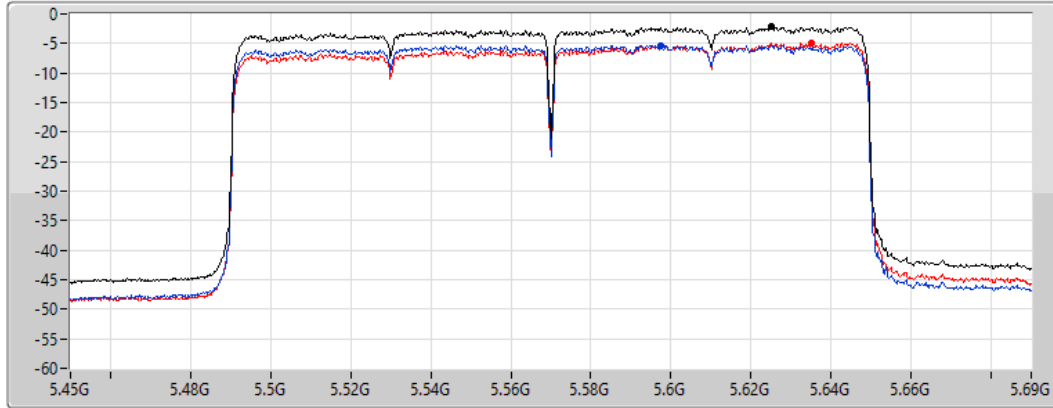
Span  
240MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

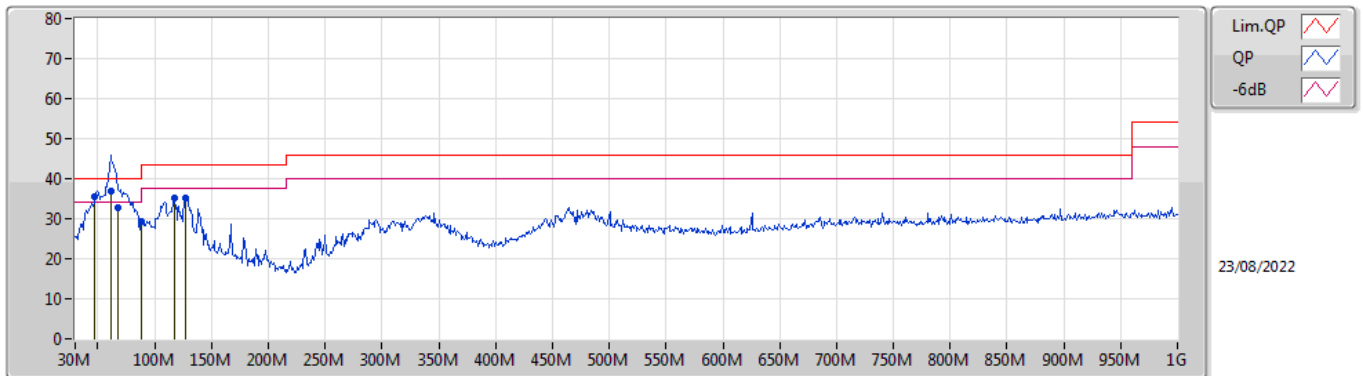
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-5.30	-4.86



**Summary**

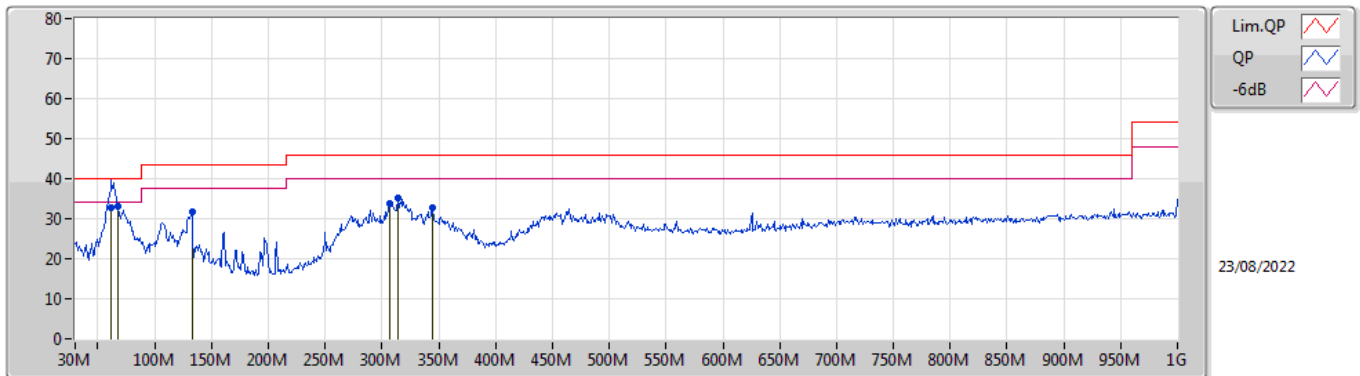
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	61.04M	36.91	40.00	-3.09	Vertical

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)
PK	47.46M	35.43	40.00	-4.57	-15.88	3	Vertical	333	1.25	-	51.31	14.91	1.05	31.84
QP	61.04M	36.91	40.00	-3.09	-18.49	3	Vertical	323	1.00	"Worst"	55.40	12.23	1.20	31.92
QP	67.83M	32.70	40.00	-7.30	-18.50	3	Vertical	131	1.00	-	51.20	12.19	1.26	31.95
PK	88M	29.43	43.50	-14.07	-16.34	3	Vertical	359	1.00	-	45.77	14.15	1.46	31.95
PK	117.3M	35.07	43.50	-8.43	-12.41	3	Vertical	270	1.00	-	47.48	17.97	1.59	31.97
PK	127M	35.28	43.50	-8.22	-12.57	3	Vertical	331	1.00	-	47.85	17.75	1.67	31.99

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	62.01M	32.69	40.00	-7.31	-18.51	3	Horizontal	132	2.00	-	51.20	12.21	1.20	31.92
PK	67.83M	32.94	40.00	-7.06	-18.50	3	Horizontal	185	3.00	"Worst"	51.44	12.19	1.26	31.95
PK	132.82M	31.73	43.50	-11.77	-12.78	3	Horizontal	235	1.25	-	44.51	17.49	1.73	32.00
PK	306.45M	33.83	46.00	-12.17	-10.09	3	Horizontal	233	1.25	-	43.92	19.29	2.74	32.12
PK	314.21M	35.13	46.00	-10.87	-9.90	3	Horizontal	205	1.00	-	45.03	19.44	2.79	32.13
PK	344.28M	32.62	46.00	-13.38	-9.22	3	Horizontal	223	1.00	-	41.84	19.98	2.97	32.17



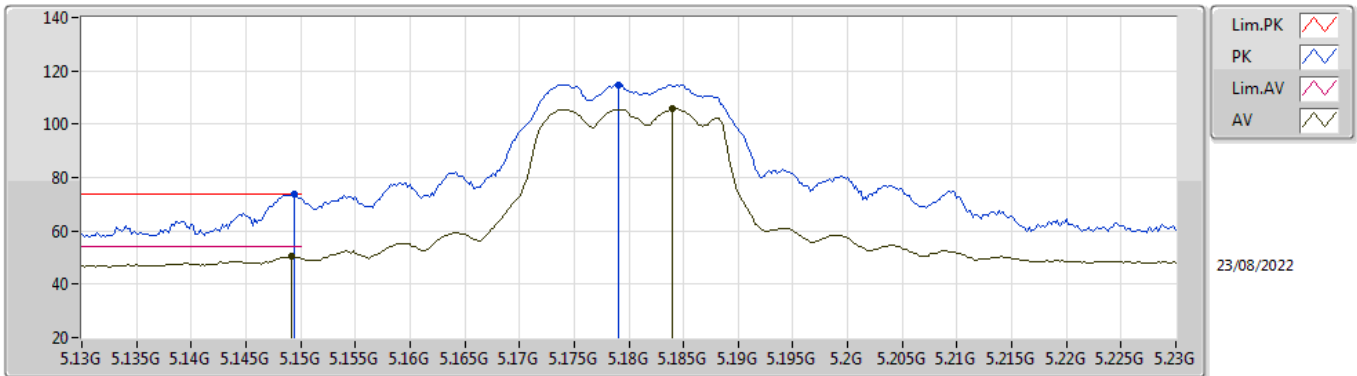
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7286G	68.18	68.20	-0.02	3	Vertical	331	2.40	-



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TnomVnom

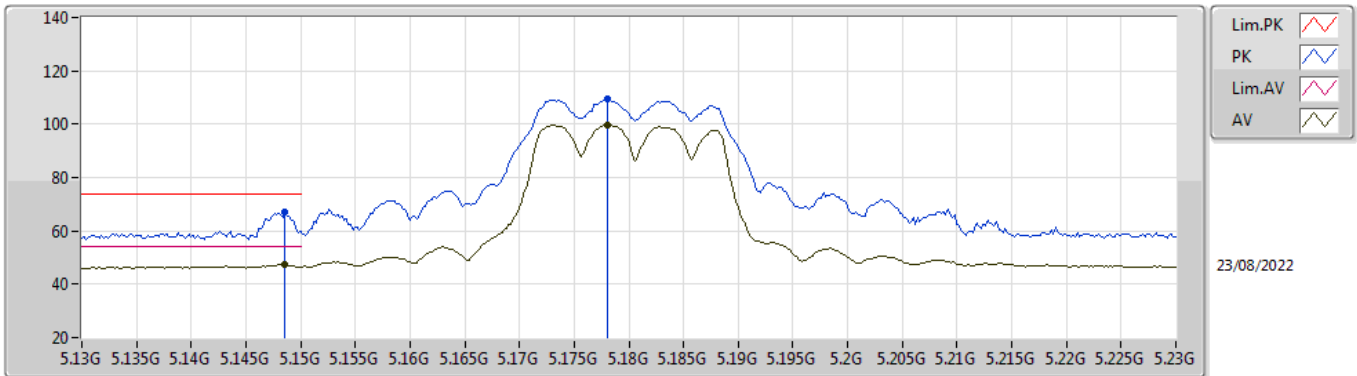


EUT Y\_2TX  
Setting 81  
01-A-R-5-10

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	73.78	74.00	-0.22	67.50	3	Vertical	208	2.21	-	32.70	6.37	32.79
AV	5.1492G	50.26	54.00	-3.74	43.98	3	Vertical	208	2.21	-	32.70	6.37	32.79
PK	5.179G	114.73	Inf	-Inf	108.41	3	Vertical	208	2.21	-	32.70	6.39	32.77
AV	5.184G	106.08	Inf	-Inf	99.76	3	Vertical	208	2.21	-	32.70	6.39	32.77

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TnomVnom

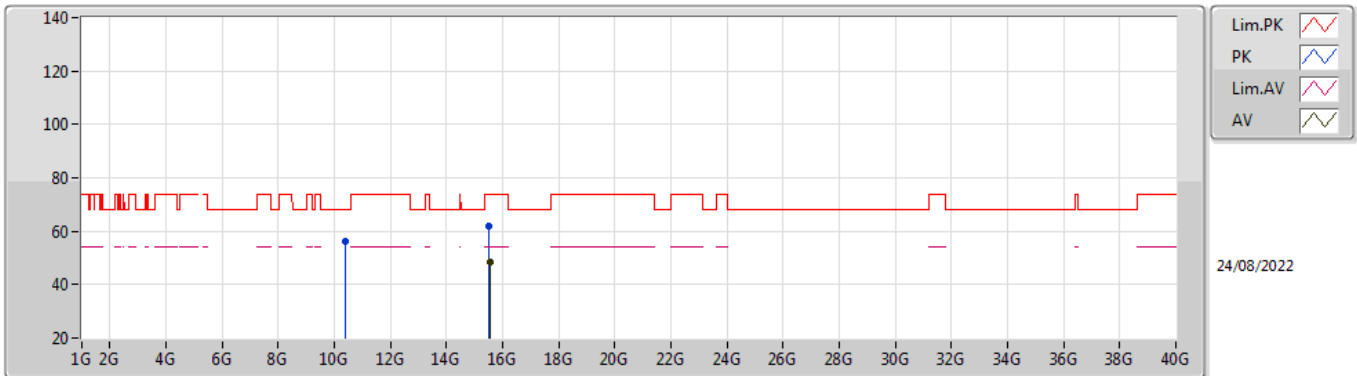


EUT Y\_2TX  
Setting 81  
01-A-R-5-10

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	5.1486G	66.87	74.00	-7.13	60.59	3	Horizontal	273	1.80	-	32.70	6.37	32.79
AV	5.1486G	47.49	54.00	-6.51	41.21	3	Horizontal	273	1.80	-	32.70	6.37	32.79
PK	5.178G	109.25	Inf	-Inf	102.94	3	Horizontal	273	1.80	-	32.70	6.39	32.78
AV	5.178G	99.69	Inf	-Inf	93.38	3	Horizontal	273	1.80	-	32.70	6.39	32.78

802.11a\_Nss1,(6Mbps)\_2TX

5180MHz\_TnomVnom

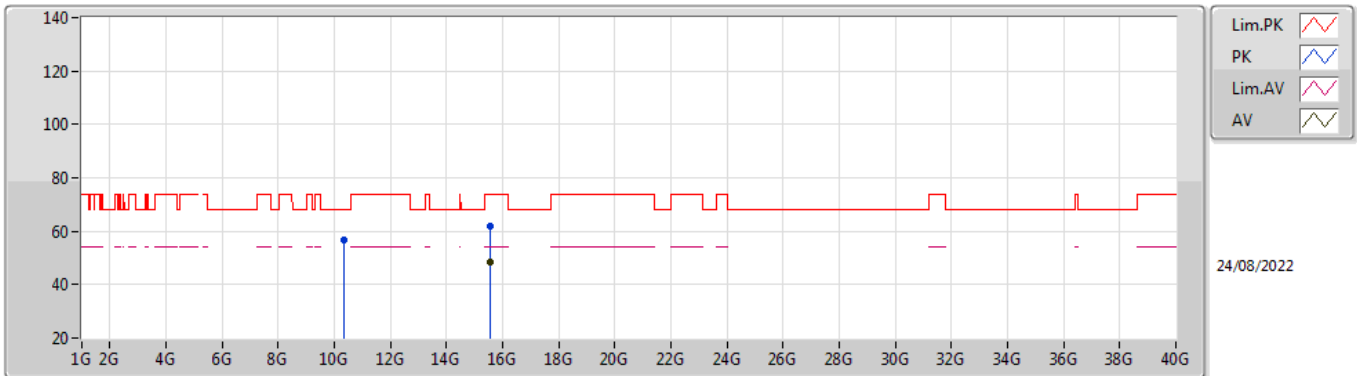


EUT Y\_2TX  
Setting 81  
01-A-R-5

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	10.3797G	56.12	68.20	-12.08	40.90	3	Vertical	163	2.40	-	38.40	8.59	31.77
PK	15.5214G	61.86	74.00	-12.14	44.11	3	Vertical	250	2.60	-	38.11	10.36	30.72
AV	15.5365G	48.55	54.00	-5.45	30.86	3	Vertical	250	2.60	-	38.05	10.36	30.72

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TnomVnom

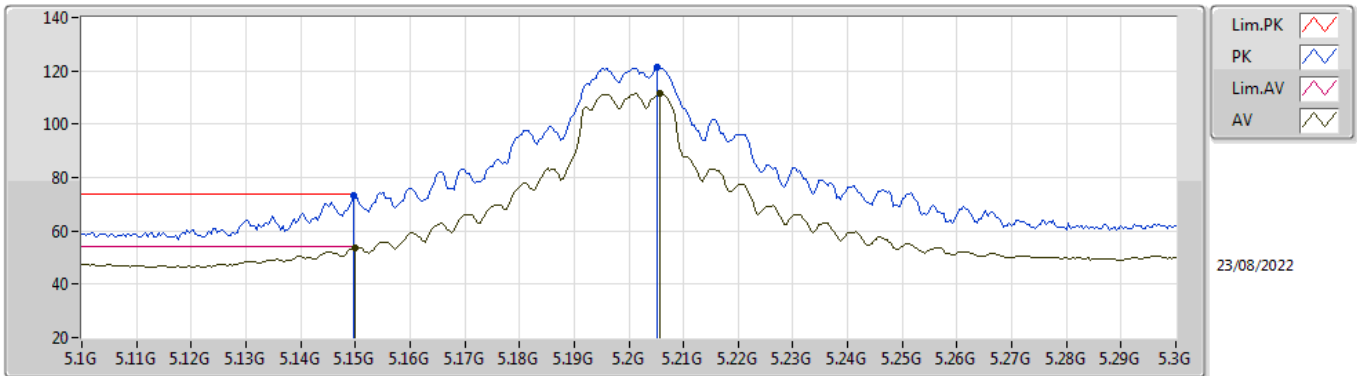


EUT Y\_2TX  
Setting 81  
01-A-R-5

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	10.3684G	56.55	68.20	-11.65	41.34	3	Horizontal	74	2.14	-	38.40	8.59	31.78
PK	15.5528G	61.74	74.00	-12.26	44.09	3	Horizontal	308	2.68	-	37.99	10.37	30.71
AV	15.5587G	48.51	54.00	-5.49	30.88	3	Horizontal	308	2.68	-	37.97	10.37	30.71

802.11a\_Nss1,(6Mbps)\_2TX

5200MHz\_TnomVnom

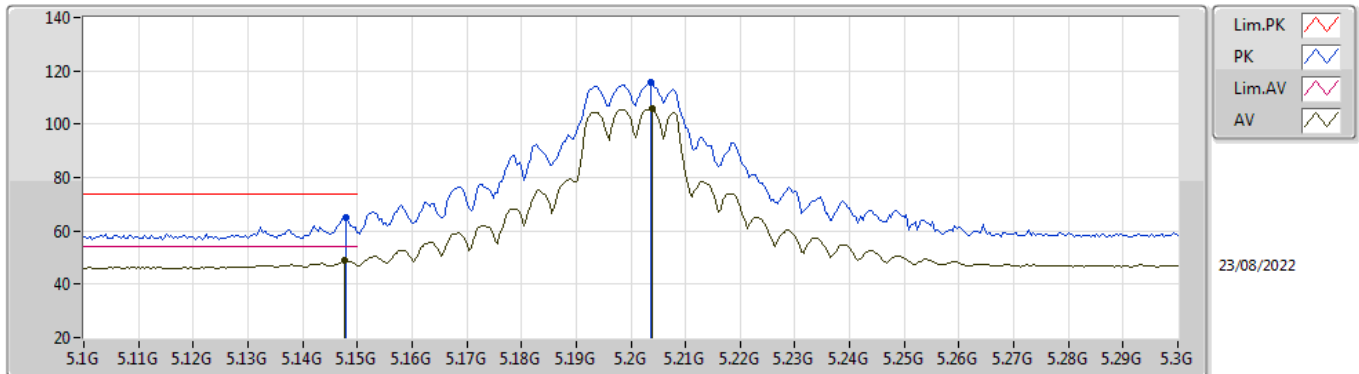


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.1496G	73.27	74.00	-0.73	66.99	3	Vertical	218	1.76	-	32.70	6.37	32.79
AV	5.15G	53.60	54.00	-0.40	47.32	3	Vertical	218	1.76	-	32.70	6.37	32.79
PK	5.2052G	121.36	Inf	-Inf	115.01	3	Vertical	218	1.76	-	32.71	6.40	32.76
AV	5.2056G	111.77	Inf	-Inf	105.42	3	Vertical	218	1.76	-	32.71	6.40	32.76

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TnomVnom

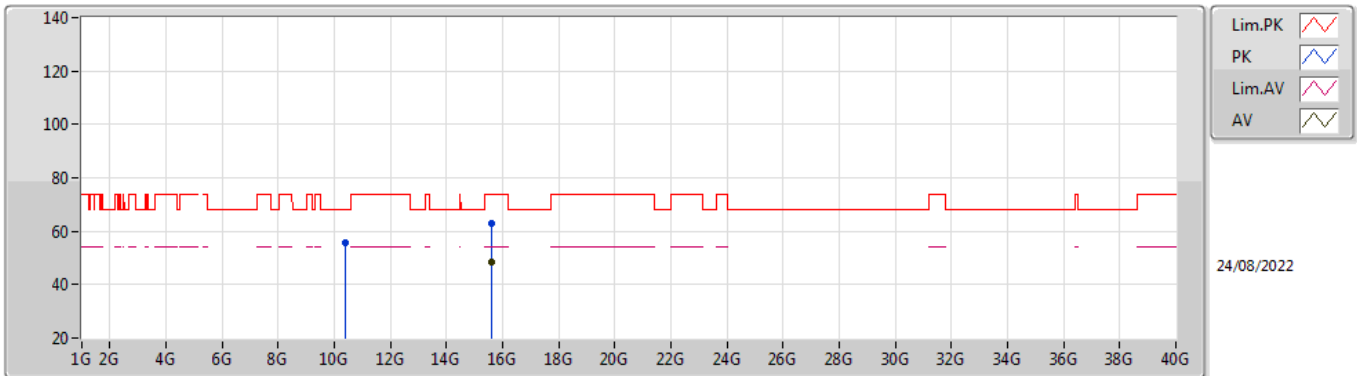


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.148G	65.20	74.00	-8.80	58.92	3	Horizontal	266	1.80	-	32.70	6.37	32.79
AV	5.1476G	48.96	54.00	-5.04	42.68	3	Horizontal	266	1.80	-	32.70	6.37	32.79
PK	5.2036G	115.57	Inf	-Inf	109.22	3	Horizontal	266	1.80	-	32.71	6.40	32.76
AV	5.204G	105.71	Inf	-Inf	99.36	3	Horizontal	266	1.80	-	32.71	6.40	32.76

802.11a\_Nss1,(6Mbps)\_2TX

5200MHz\_TnomVnom

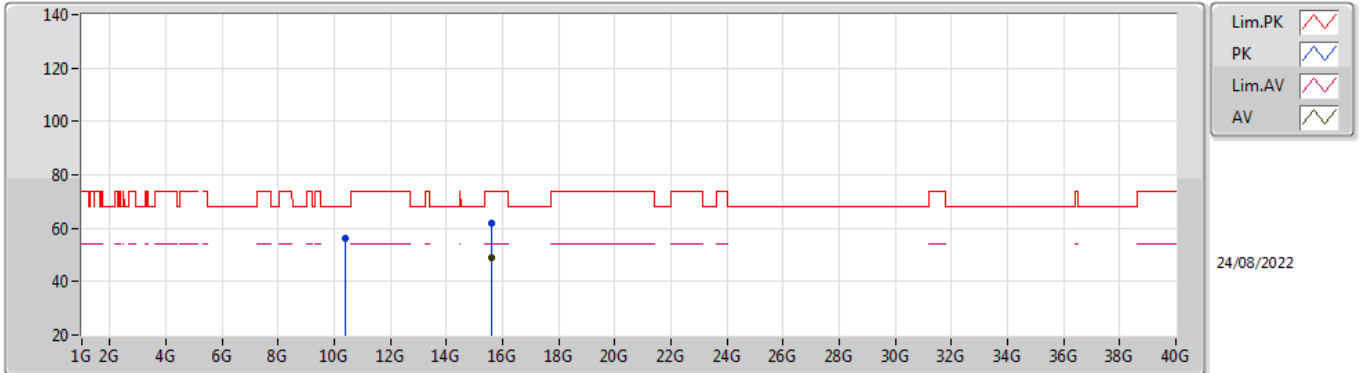


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	10.3814G	55.92	68.20	-12.28	40.69	3	Vertical	122	2.01	-	38.40	8.60	31.77
PK	15.5904G	62.91	74.00	-11.09	45.39	3	Vertical	309	2.45	-	37.84	10.38	30.70
AV	15.5896G	48.56	54.00	-5.44	31.04	3	Vertical	309	2.45	-	37.84	10.38	30.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TnomVnom



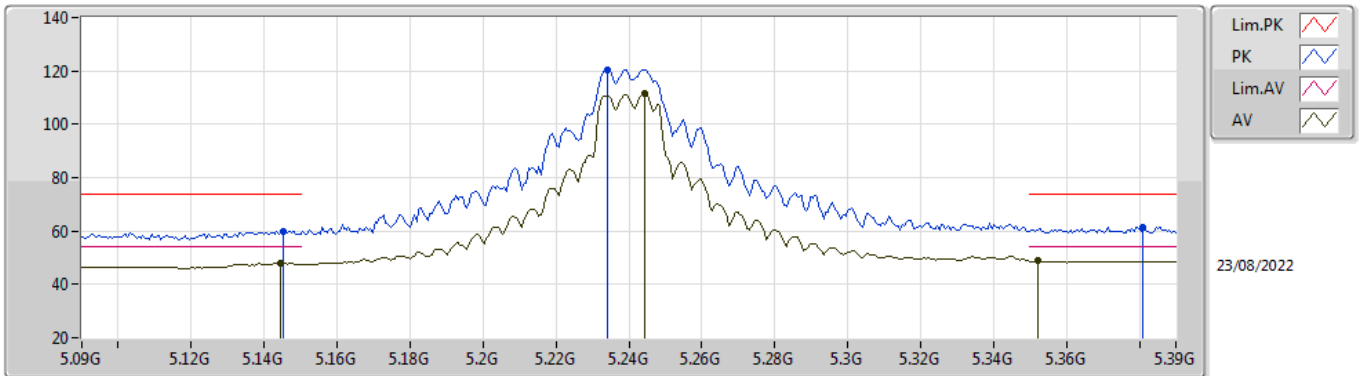
EUT Y\_2TX  
Setting 108  
01-A-R-5

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	10.3982G	56.43	68.20	-11.77	41.18	3	Horizontal	277	2.87	-	38.40	8.60	31.75
PK	15.6171G	61.70	74.00	-12.30	44.22	3	Horizontal	108	2.23	-	37.78	10.39	30.69
AV	15.5907G	48.78	54.00	-5.22	31.26	3	Horizontal	108	2.23	-	37.84	10.38	30.70



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TnomVnom

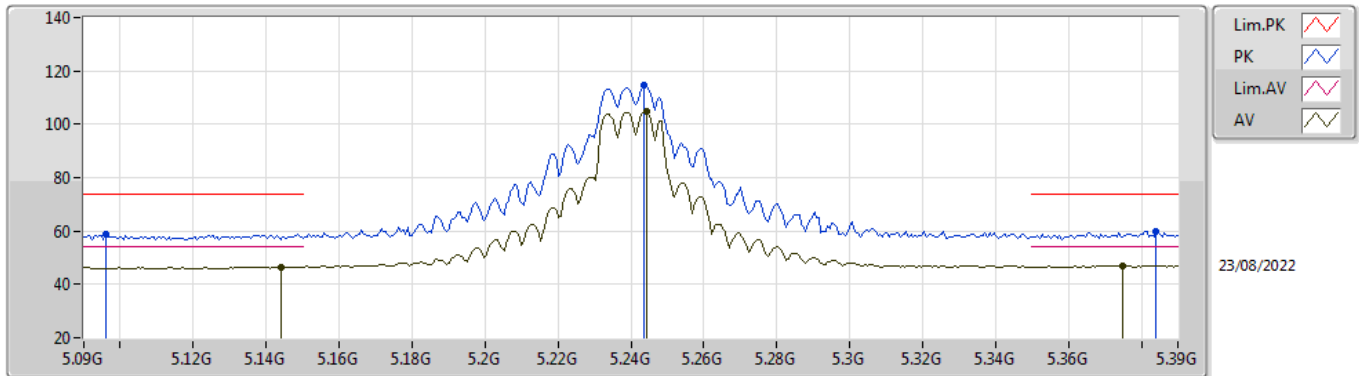


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.1452G	60.01	74.00	-13.99	53.72	3	Vertical	207	1.80	-	32.71	6.37	32.79
AV	5.1446G	48.04	54.00	-5.96	41.75	3	Vertical	207	1.80	-	32.71	6.37	32.79
PK	5.234G	120.60	Inf	-Inf	114.18	3	Vertical	207	1.80	-	32.77	6.40	32.75
AV	5.2442G	111.32	Inf	-Inf	104.88	3	Vertical	207	1.80	-	32.79	6.40	32.75
PK	5.381G	61.45	74.00	-12.55	54.62	3	Vertical	207	1.80	-	33.12	6.40	32.69
AV	5.3522G	49.04	54.00	-4.96	42.33	3	Vertical	207	1.80	-	33.01	6.40	32.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TnomVnom

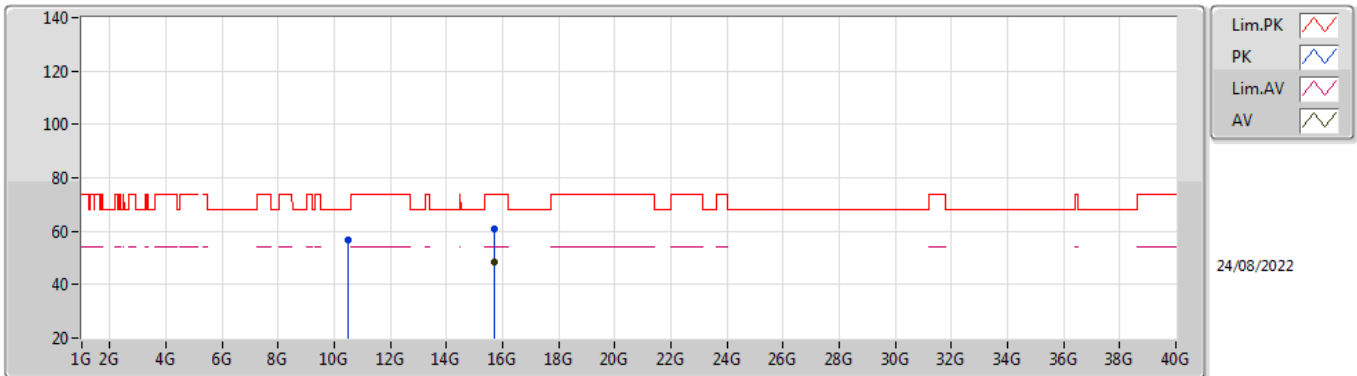


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.096G	58.70	74.00	-15.30	52.36	3	Horizontal	263	1.80	-	32.80	6.35	32.81
AV	5.144G	46.60	54.00	-7.40	40.31	3	Horizontal	263	1.80	-	32.71	6.37	32.79
PK	5.2436G	114.54	Inf	-Inf	108.10	3	Horizontal	263	1.80	-	32.79	6.40	32.75
AV	5.2442G	105.04	Inf	-Inf	98.60	3	Horizontal	263	1.80	-	32.79	6.40	32.75
PK	5.384G	59.87	74.00	-14.13	53.02	3	Horizontal	263	1.80	-	33.14	6.40	32.69
AV	5.375G	47.00	54.00	-7.00	40.19	3	Horizontal	263	1.80	-	33.10	6.40	32.69

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TnomVnom

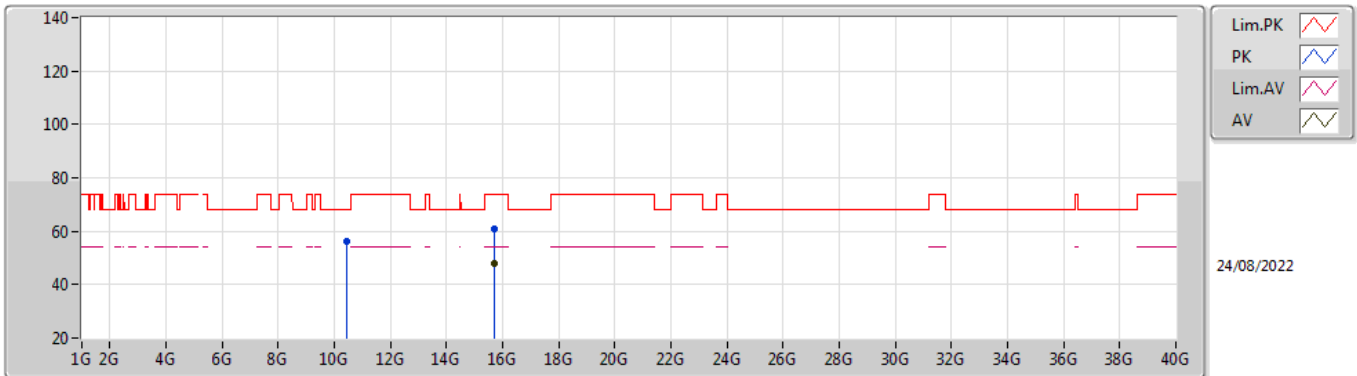


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	10.4718G	56.73	68.20	-11.47	41.31	3	Vertical	186	2.81	-	38.47	8.62	31.67
PK	15.7266G	60.99	74.00	-13.01	43.37	3	Vertical	51	2.50	-	37.86	10.42	30.66
AV	15.6952G	48.69	54.00	-5.31	31.25	3	Vertical	51	2.50	-	37.70	10.41	30.67

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TnomVnom

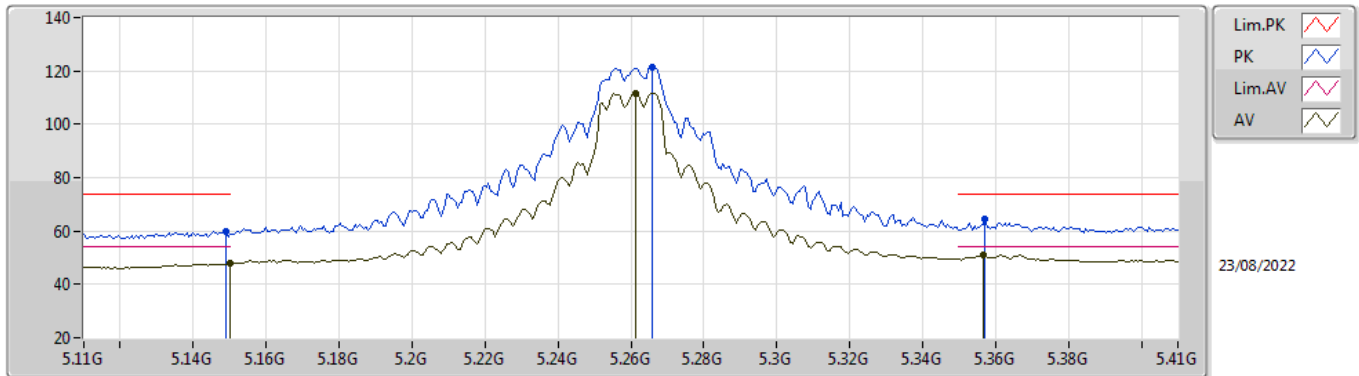


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	10.4654G	56.27	68.20	-11.93	40.86	3	Horizontal	219	2.57	-	38.47	8.62	31.68
PK	15.695G	60.61	74.00	-13.39	43.16	3	Horizontal	232	1.14	-	37.71	10.41	30.67
AV	15.695G	48.17	54.00	-5.83	30.72	3	Horizontal	232	1.14	-	37.71	10.41	30.67

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TnomVnom

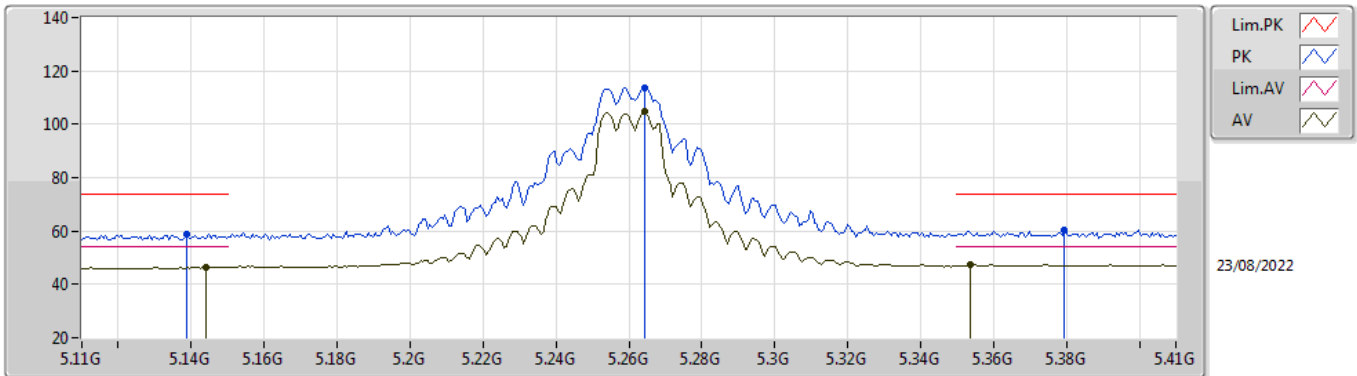


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.149G	60.06	74.00	-13.94	53.78	3	Vertical	218	1.80	-	32.70	6.37	32.79
AV	5.15G	47.78	54.00	-6.22	41.50	3	Vertical	218	1.80	-	32.70	6.37	32.79
PK	5.266G	121.23	Inf	-Inf	114.74	3	Vertical	218	1.80	-	32.83	6.40	32.74
AV	5.2612G	111.70	Inf	-Inf	105.22	3	Vertical	218	1.80	-	32.82	6.40	32.74
PK	5.3572G	64.67	74.00	-9.33	57.94	3	Vertical	218	1.80	-	33.03	6.40	32.70
AV	5.3566G	50.90	54.00	-3.10	44.17	3	Vertical	218	1.80	-	33.03	6.40	32.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TnomVnom

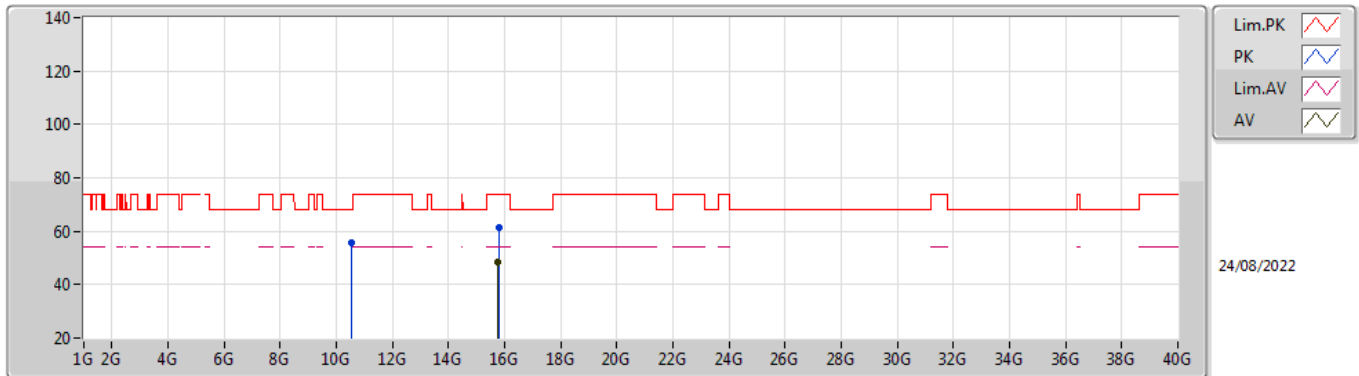


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.1388G	58.94	74.00	-15.06	52.64	3	Horizontal	182	1.80	-	32.72	6.37	32.79
AV	5.1442G	46.39	54.00	-7.61	40.10	3	Horizontal	182	1.80	-	32.71	6.37	32.79
PK	5.2642G	113.56	Inf	-Inf	107.07	3	Horizontal	182	1.80	-	32.83	6.40	32.74
AV	5.2642G	104.63	Inf	-Inf	98.14	3	Horizontal	182	1.80	-	32.83	6.40	32.74
PK	5.3794G	60.22	74.00	-13.78	53.39	3	Horizontal	182	1.80	-	33.12	6.40	32.69
AV	5.3536G	47.39	54.00	-6.61	40.68	3	Horizontal	182	1.80	-	33.01	6.40	32.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TnomVnom

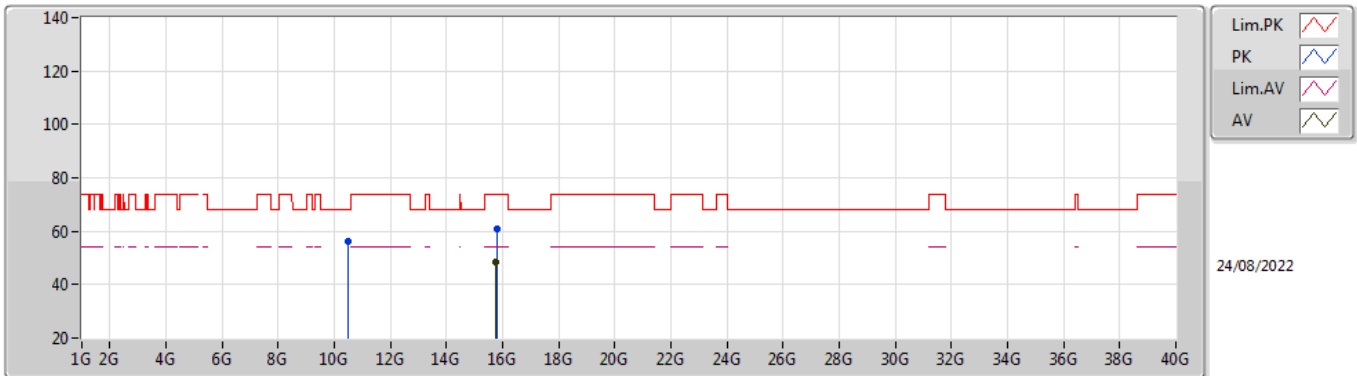


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	10.5318G	55.68	68.20	-12.52	40.19	3	Vertical	291	2.83	-	38.53	8.63	31.67
PK	15.7961G	61.26	74.00	-12.74	43.18	3	Vertical	6	2.68	-	38.28	10.44	30.64
AV	15.7576G	48.36	54.00	-5.64	30.53	3	Vertical	6	2.68	-	38.05	10.43	30.65

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TnomVnom



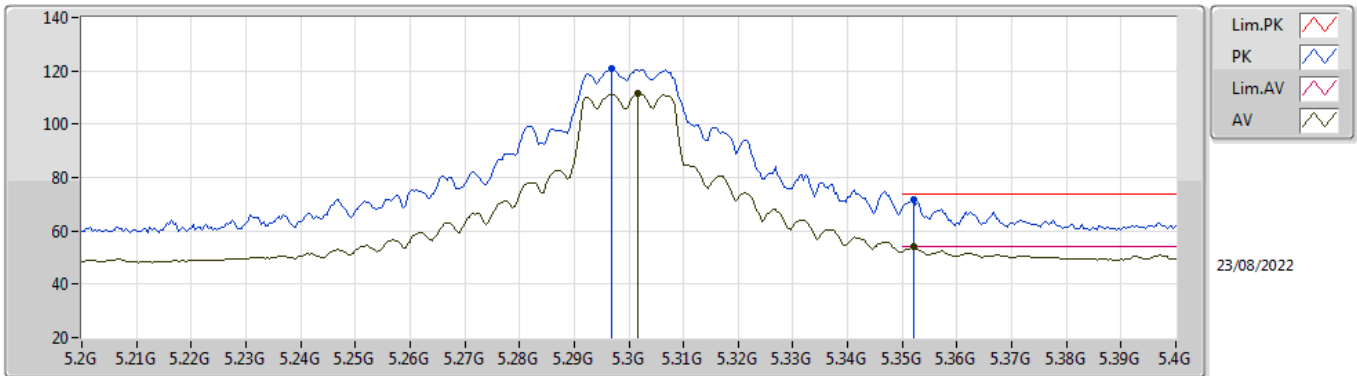
EUT Y\_2TX  
Setting 108  
01-A-R-5

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	10.5127G	56.31	68.20	-11.89	40.82	3	Horizontal	116	2.31	-	38.51	8.63	31.65
PK	15.7817G	60.75	74.00	-13.25	42.78	3	Horizontal	22	1.42	-	38.19	10.43	30.65
AV	15.7704G	48.22	54.00	-5.78	30.32	3	Horizontal	22	1.42	-	38.12	10.43	30.65



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TnomVnom

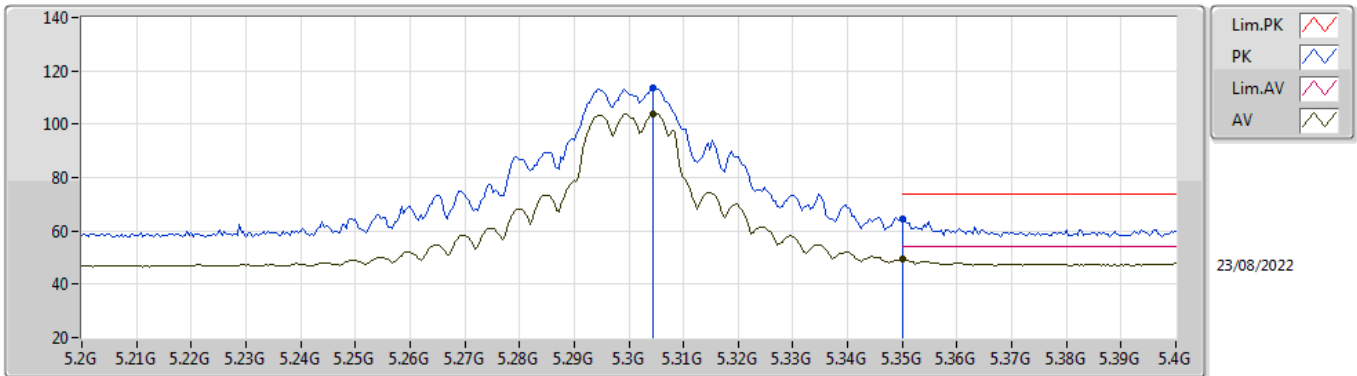


EUT Y\_2TX  
Setting 104  
01-A-R-5-10

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	5.2968G	120.64	Inf	-Inf	114.08	3	Vertical	224	1.80	-	32.89	6.40	32.73
AV	5.3016G	111.36	Inf	-Inf	104.78	3	Vertical	224	1.80	-	32.90	6.40	32.72
PK	5.352G	71.55	74.00	-2.45	64.84	3	Vertical	224	1.80	-	33.01	6.40	32.70
AV	5.352G	53.90	54.00	-0.10	47.19	3	Vertical	224	1.80	-	33.01	6.40	32.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TnomVnom

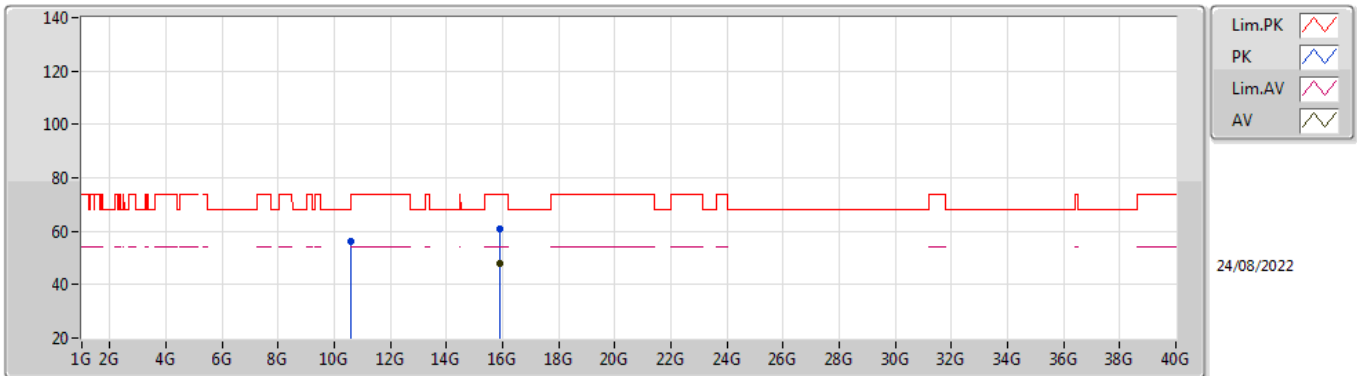


EUT\_V\_2TX  
Setting 104  
01-A-R-5-10

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	5.3044G	113.70	Inf	-Inf	107.11	3	Horizontal	185	1.80	-	32.91	6.40	32.72
AV	5.3044G	104.00	Inf	-Inf	97.41	3	Horizontal	185	1.80	-	32.91	6.40	32.72
PK	5.35G	64.44	74.00	-9.56	57.74	3	Horizontal	185	1.80	-	33.00	6.40	32.70
AV	5.35G	49.53	54.00	-4.47	42.83	3	Horizontal	185	1.80	-	33.00	6.40	32.70

802.11a\_Nss1,(6Mbps)\_2TX

5300MHz\_TnomVnom

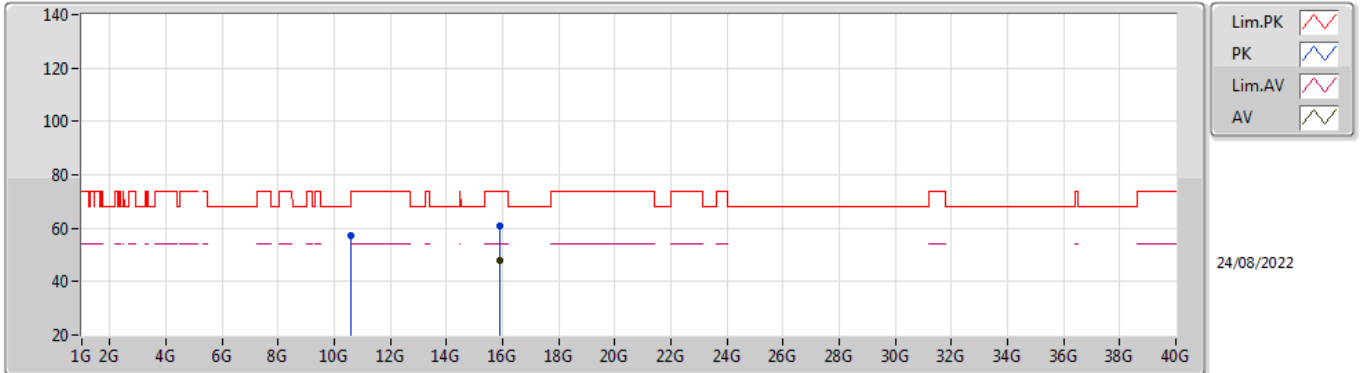


EUT Y\_2TX  
Setting 104  
01-A-R-5

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	10.5891G	56.15	68.20	-12.05	40.62	3	Vertical	274	1.37	-	38.59	8.65	31.71
PK	15.9003G	61.04	74.00	-12.96	42.78	3	Vertical	35	3.00	-	38.40	10.47	30.61
AV	15.9181G	48.12	54.00	-5.88	29.84	3	Vertical	35	3.00	-	38.40	10.48	30.60

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TnomVnom

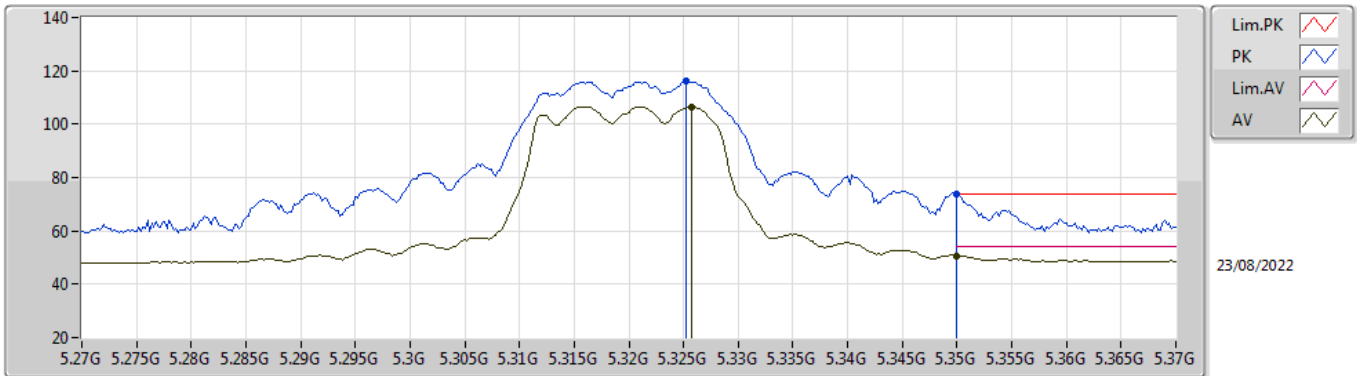


EUT Y\_2TX  
Setting 104  
01-A-R-5

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	10.597G	57.21	68.20	-10.99	41.68	3	Horizontal	161	1.35	-	38.60	8.65	31.72
PK	15.9238G	60.88	74.00	-13.12	42.60	3	Horizontal	222	1.19	-	38.40	10.48	30.60
AV	15.8884G	47.94	54.00	-6.06	29.69	3	Horizontal	222	1.19	-	38.39	10.47	30.61

802.11a\_Nss1,(6Mbps)\_2TX

5320MHz\_TnomVnom

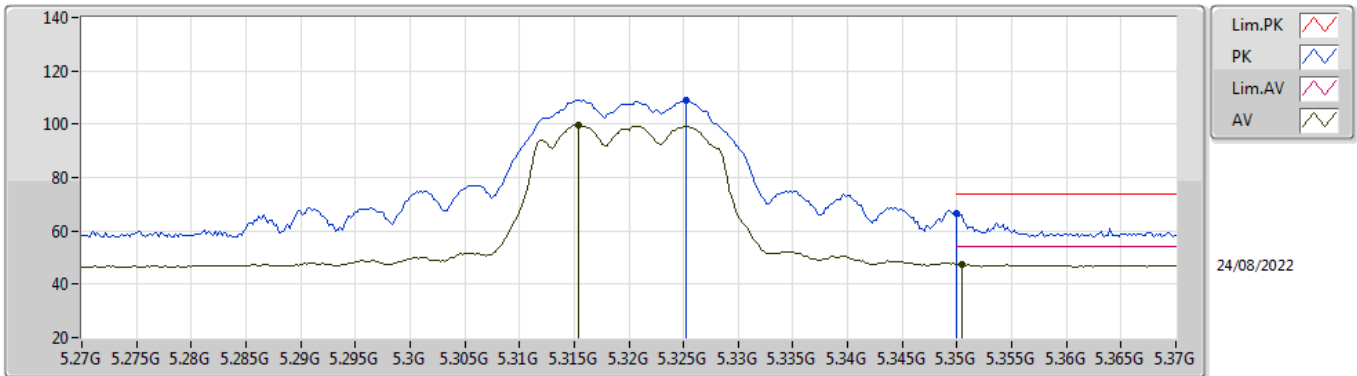


EUT\_V\_2TX  
Setting 82  
01-A-R-5-10

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	5.3252G	116.00	Inf	-Inf	109.36	3	Vertical	215	1.80	-	32.95	6.40	32.71
AV	5.3258G	106.61	Inf	-Inf	99.97	3	Vertical	215	1.80	-	32.95	6.40	32.71
PK	5.35G	73.76	74.00	-0.24	67.06	3	Vertical	215	1.80	-	33.00	6.40	32.70
AV	5.35G	50.73	54.00	-3.27	44.03	3	Vertical	215	1.80	-	33.00	6.40	32.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TnomVnom

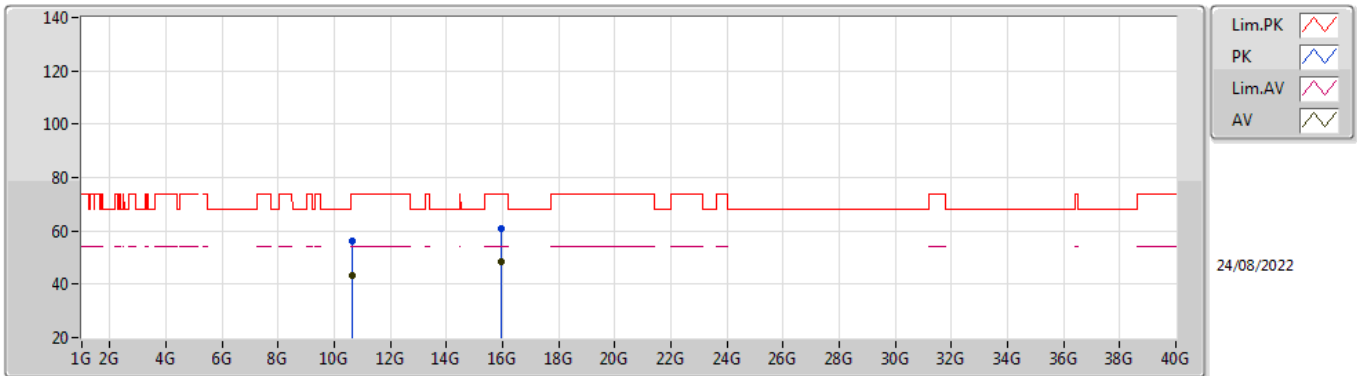


EUT V\_2TX  
 Setting 82  
 01-A-R-5-10

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	5.3252G	108.87	Inf	-Inf	102.23	3	Horizontal	189	1.68	-	32.95	6.40	32.71
AV	5.3154G	99.78	Inf	-Inf	93.17	3	Horizontal	189	1.68	-	32.93	6.40	32.72
PK	5.35G	66.51	74.00	-7.49	59.81	3	Horizontal	189	1.68	-	33.00	6.40	32.70
AV	5.3504G	47.52	54.00	-6.48	40.82	3	Horizontal	189	1.68	-	33.00	6.40	32.70

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TnomVnom

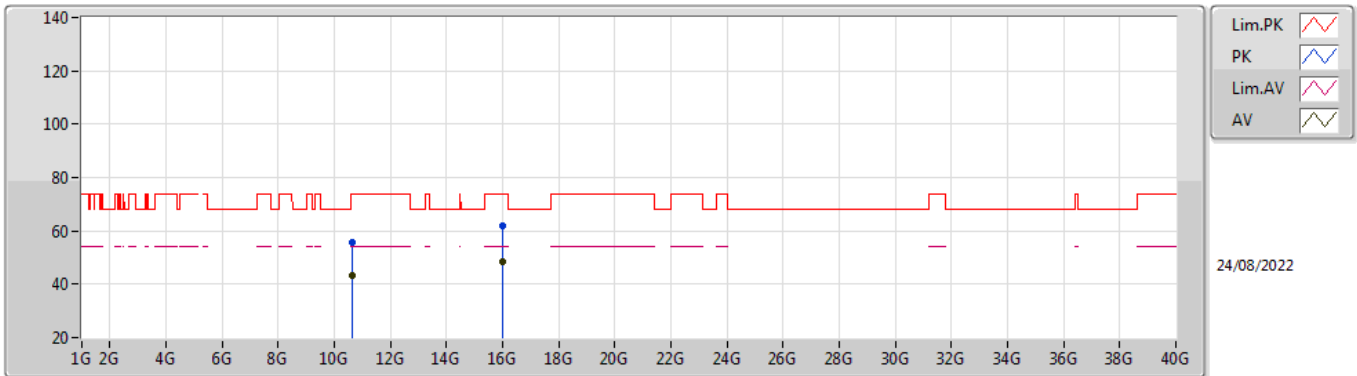


EUT Y\_2TX  
Setting 82  
01-A-R-5

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	10.6437G	56.09	74.00	-17.91	40.58	3	Vertical	267	2.83	-	38.60	8.66	31.75
AV	10.6593G	43.25	54.00	-10.75	27.76	3	Vertical	267	2.83	-	38.60	8.66	31.77
PK	15.9462G	60.78	74.00	-13.22	42.50	3	Vertical	40	2.46	-	38.40	10.48	30.60
AV	15.9666G	48.52	54.00	-5.48	30.22	3	Vertical	40	2.46	-	38.40	10.49	30.59

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TnomVnom



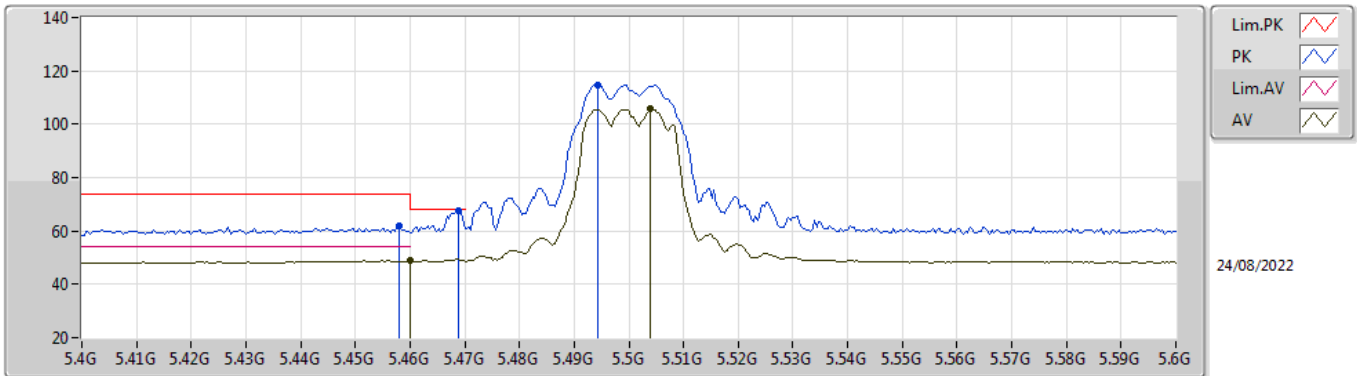
EUT Y\_2TX  
Setting 82  
01-A-R-5

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	10.6551G	55.74	74.00	-18.26	40.24	3	Horizontal	346	2.68	-	38.60	8.66	31.76
AV	10.663G	43.29	54.00	-10.71	27.79	3	Horizontal	346	2.68	-	38.60	8.67	31.77
PK	15.9828G	61.70	74.00	-12.30	43.40	3	Horizontal	174	1.84	-	38.40	10.49	30.59
AV	15.9781G	48.38	54.00	-5.62	30.08	3	Horizontal	174	1.84	-	38.40	10.49	30.59



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TnomVnom

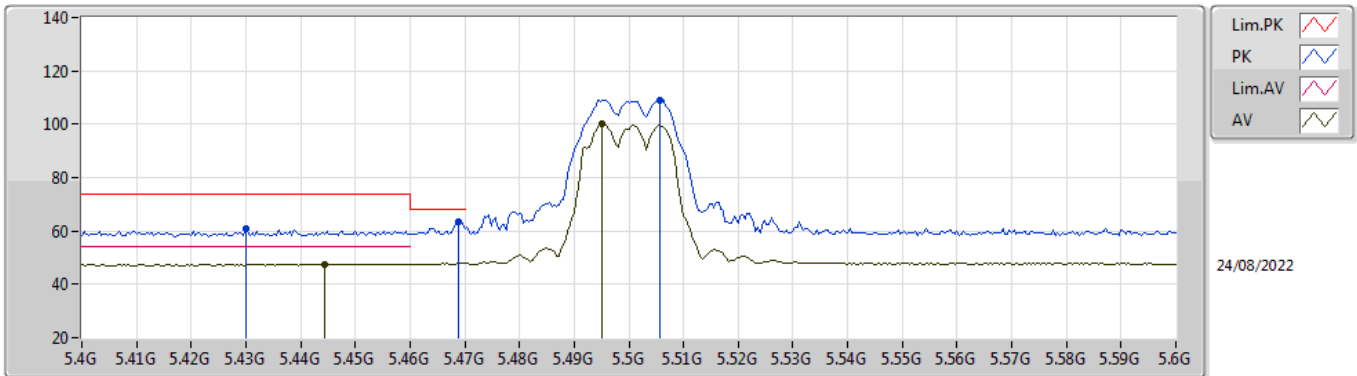


EUT\_V\_2TX  
Setting 78  
01-A-R-5-10

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	5.458G	61.83	74.00	-12.17	54.33	3	Vertical	205	1.78	-	33.70	6.46	32.66
AV	5.46G	48.76	54.00	-5.24	41.26	3	Vertical	205	1.78	-	33.70	6.46	32.66
PK	5.4688G	67.68	68.20	-0.52	60.16	3	Vertical	205	1.78	-	33.70	6.47	32.65
PK	5.4944G	114.82	Inf	-Inf	107.27	3	Vertical	205	1.78	-	33.70	6.49	32.64
AV	5.504G	105.87	Inf	-Inf	98.29	3	Vertical	205	1.78	-	33.72	6.50	32.64

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TnomVnom

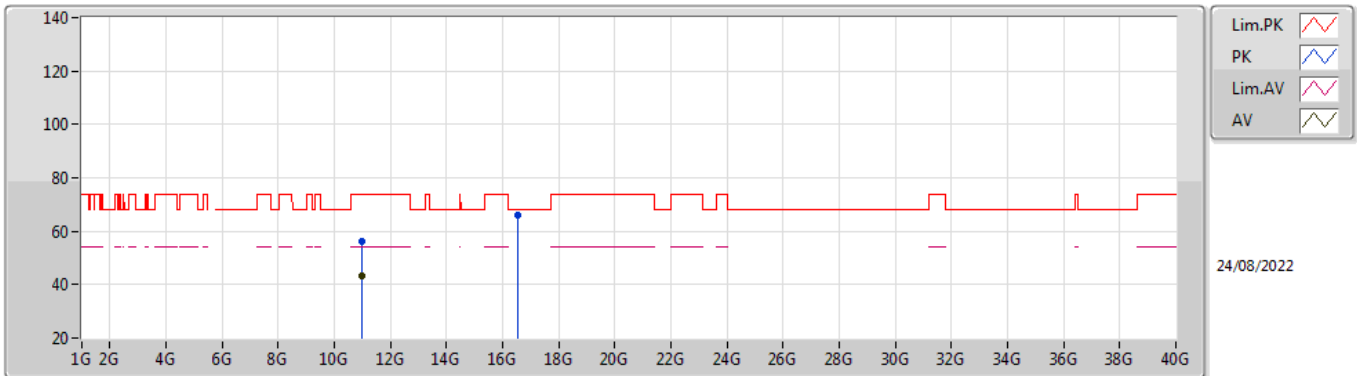


EUT\_V\_2TX  
Setting 78  
01-A-R-5-10

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	5.43G	60.75	74.00	-13.25	53.49	3	Horizontal	332	2.24	-	33.50	6.43	32.67
AV	5.4444G	47.63	54.00	-6.37	40.21	3	Horizontal	332	2.24	-	33.64	6.44	32.66
PK	5.4688G	63.50	68.20	-4.70	55.98	3	Horizontal	332	2.24	-	33.70	6.47	32.65
PK	5.5056G	109.14	Inf	-Inf	101.55	3	Horizontal	332	2.24	-	33.72	6.51	32.64
AV	5.4952G	100.03	Inf	-Inf	92.47	3	Horizontal	332	2.24	-	33.70	6.50	32.64

802.11a\_Nss1,(6Mbps)\_2TX

5500MHz\_TnomVnom

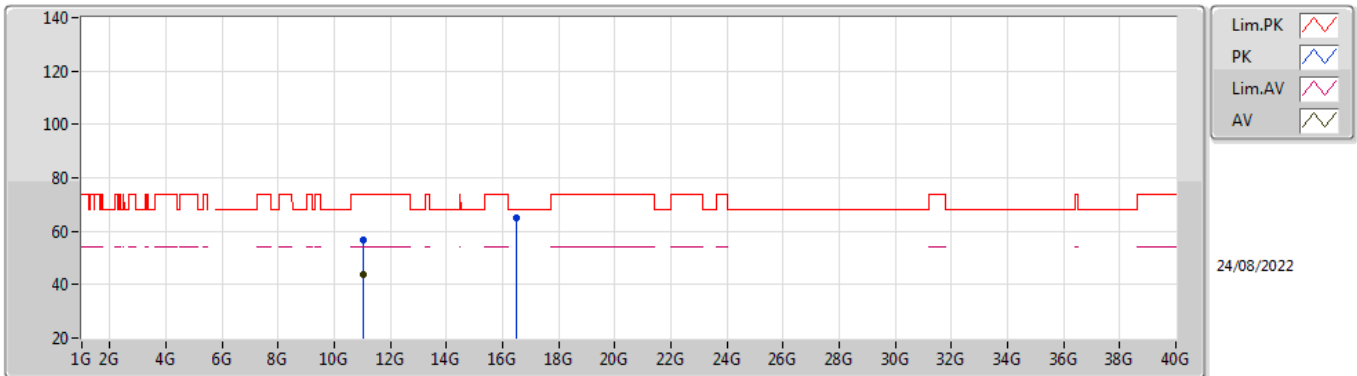


EUT Y\_2TX  
Setting 78  
01-A-R-5

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	10.9781G	56.21	74.00	-17.79	40.99	3	Vertical	357	2.06	-	38.50	8.74	32.02
AV	10.9808G	43.41	54.00	-10.59	28.18	3	Vertical	357	2.06	-	38.50	8.75	32.02
PK	16.5216G	66.16	68.20	-2.04	44.18	3	Vertical	50	1.80	-	40.30	10.66	28.98

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TnomVnom

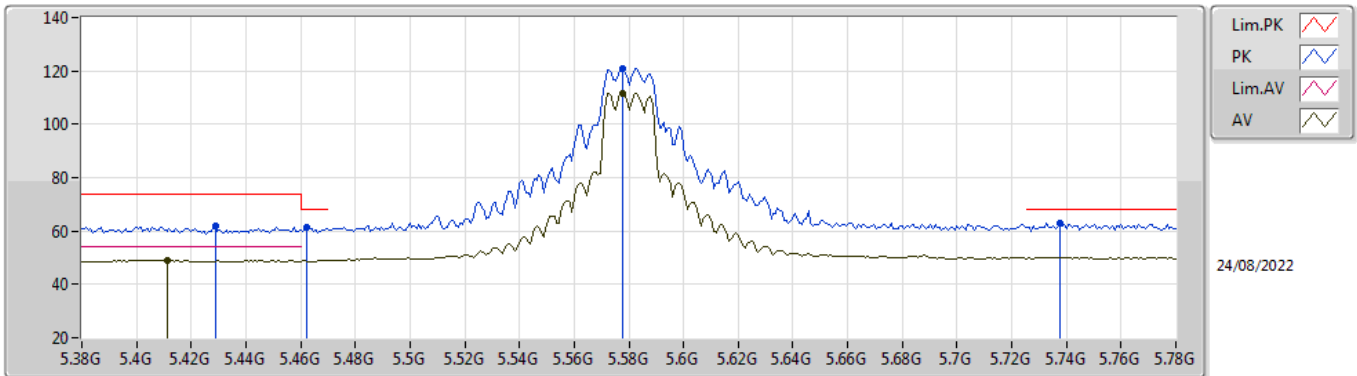


EUT Y\_2TX  
Setting 78  
01-A-R-5

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	11.0211G	56.67	74.00	-17.33	41.46	3	Horizontal	63	1.19	-	38.48	8.76	32.03
AV	11.0227G	43.74	54.00	-10.26	28.53	3	Horizontal	63	1.19	-	38.48	8.76	32.03
PK	16.4923G	65.16	68.20	-3.04	43.22	3	Horizontal	280	1.82	-	40.26	10.65	28.97

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TnomVnom

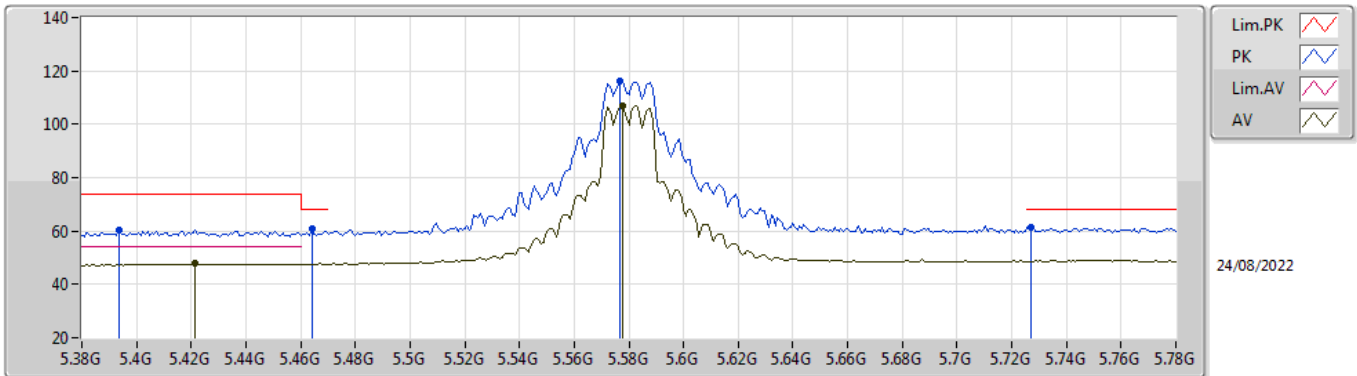


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.4288G	61.74	74.00	-12.26	54.49	3	Vertical	223	1.74	-	33.49	6.43	32.67
AV	5.4112G	49.15	54.00	-4.85	42.11	3	Vertical	223	1.74	-	33.31	6.41	32.68
PK	5.4624G	61.16	68.20	-7.04	53.66	3	Vertical	223	1.74	-	33.70	6.46	32.66
PK	5.5776G	120.95	Inf	-Inf	113.20	3	Vertical	223	1.74	-	33.84	6.58	32.67
AV	5.5776G	111.68	Inf	-Inf	103.93	3	Vertical	223	1.74	-	33.84	6.58	32.67
PK	5.7376G	62.99	68.20	-5.21	54.83	3	Vertical	223	1.74	-	34.30	6.60	32.74

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TnomVnom

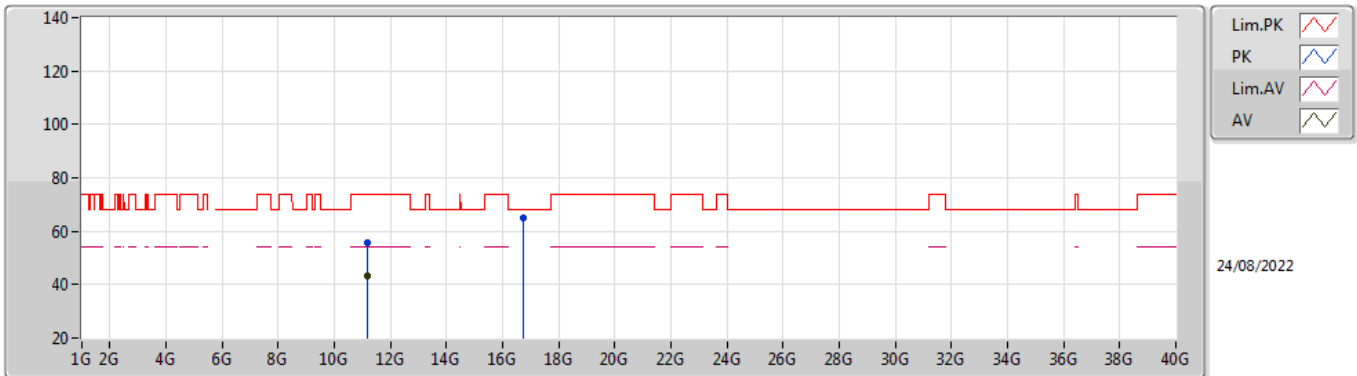


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	60.55	74.00	-13.45	53.66	3	Horizontal	350	2.90	-	33.17	6.40	32.68
AV	5.4216G	47.75	54.00	-6.25	40.58	3	Horizontal	350	2.90	-	33.42	6.42	32.67
PK	5.464G	60.70	68.20	-7.50	53.20	3	Horizontal	350	2.90	-	33.70	6.46	32.66
PK	5.5768G	116.08	Inf	-Inf	108.32	3	Horizontal	350	2.90	-	33.85	6.58	32.67
AV	5.5776G	106.72	Inf	-Inf	98.97	3	Horizontal	350	2.90	-	33.84	6.58	32.67
PK	5.7272G	61.19	68.20	-7.01	53.10	3	Horizontal	350	2.90	-	34.22	6.60	32.73

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TnomVnom

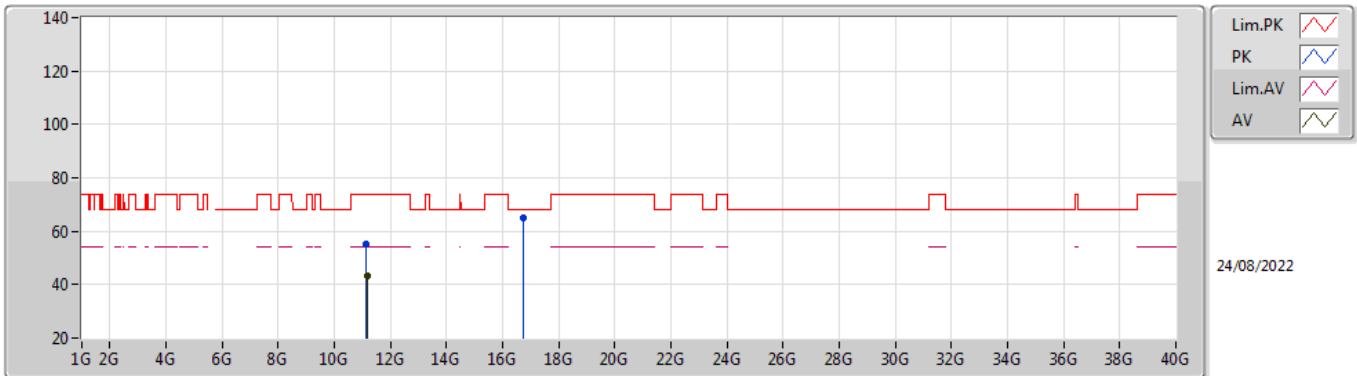


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.1726G	55.75	74.00	-18.25	40.57	3	Vertical	233	1.28	-	38.33	8.79	31.94
AV	11.1759G	43.06	54.00	-10.94	27.88	3	Vertical	233	1.28	-	38.32	8.79	31.93
PK	16.7423G	64.75	68.20	-3.45	42.95	3	Vertical	25	2.13	-	40.44	10.72	29.36

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TnomVnom



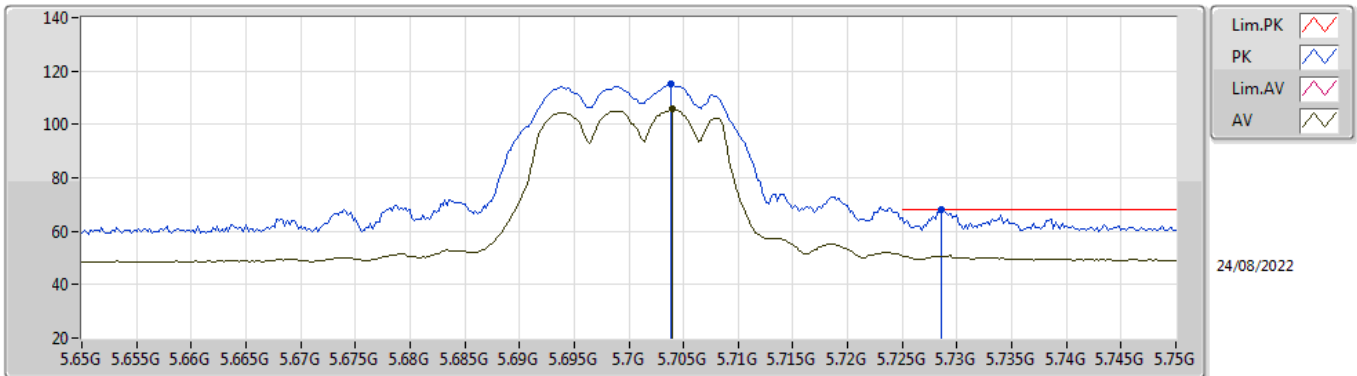
EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.1554G	55.36	74.00	-18.64	40.18	3	Horizontal	355	2.78	-	38.34	8.79	31.95
AV	11.1814G	43.10	54.00	-10.90	27.91	3	Horizontal	355	2.78	-	38.32	8.80	31.93
PK	16.7316G	64.94	68.20	-3.26	43.13	3	Horizontal	357	1.72	-	40.43	10.72	29.34



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom

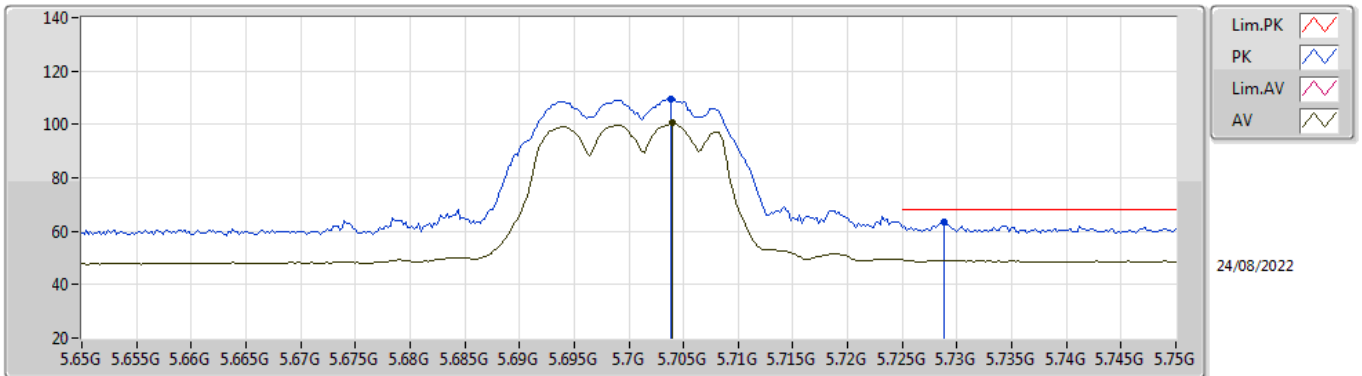


EUT\_V\_2TX  
Setting 73  
01-A-R-5-10

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	5.7038G	115.00	Inf	-Inf	107.09	3	Vertical	331	2.40	-	34.03	6.60	32.72
AV	5.704G	105.89	Inf	-Inf	97.98	3	Vertical	331	2.40	-	34.03	6.60	32.72
PK	5.7286G	68.18	68.20	-0.02	60.08	3	Vertical	331	2.40	-	34.23	6.60	32.73

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom

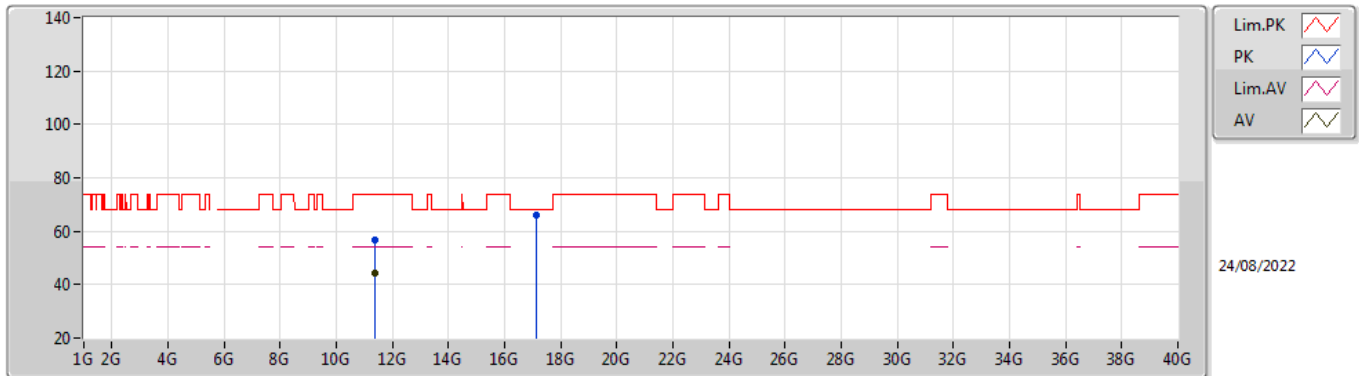


EUT Y\_2TX  
Setting 73  
01-A-R-5-10

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	5.7038G	109.71	Inf	-Inf	101.80	3	Horizontal	341	2.95	-	34.03	6.60	32.72
AV	5.704G	100.58	Inf	-Inf	92.67	3	Horizontal	341	2.95	-	34.03	6.60	32.72
PK	5.7288G	63.41	68.20	-4.79	55.31	3	Horizontal	341	2.95	-	34.23	6.60	32.73

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom

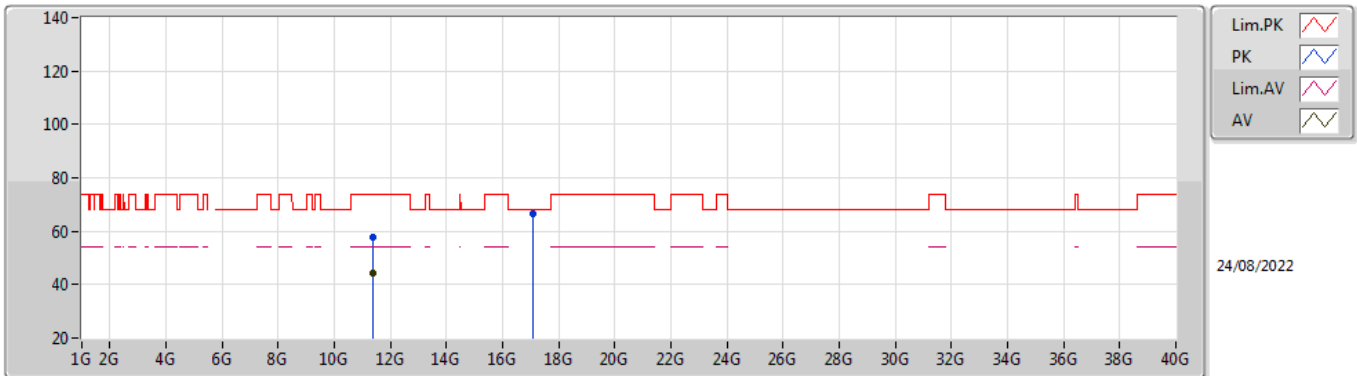


EUT Y\_2TX  
Setting 73  
01-A-R-5

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	11.4G	56.73	74.00	-17.27	41.28	3	Vertical	84	2.87	-	38.40	8.85	31.80
AV	11.3967G	44.27	54.00	-9.73	28.82	3	Vertical	84	2.87	-	38.40	8.85	31.80
PK	17.1207G	65.99	68.20	-2.21	43.71	3	Vertical	309	2.05	-	41.44	10.84	30.00

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom

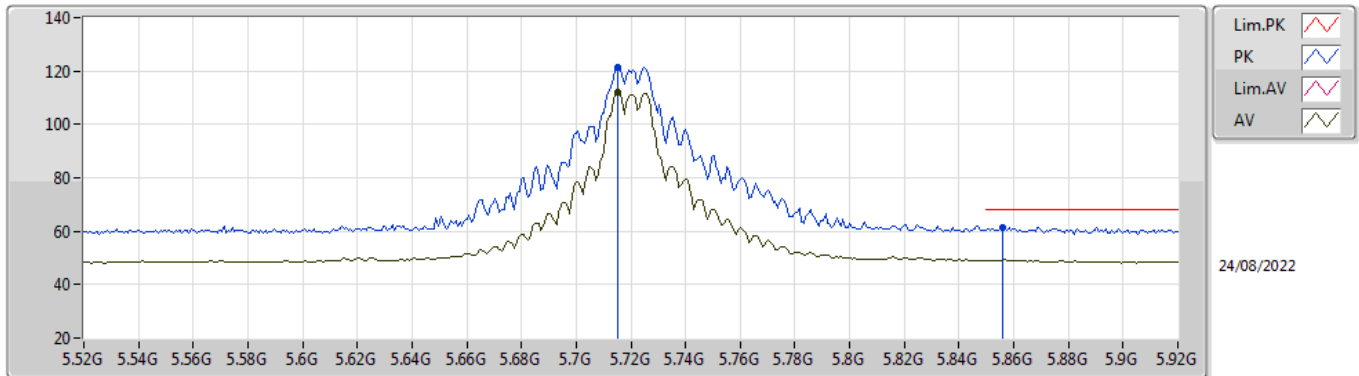


EUT V\_2TX  
Setting 73  
01-A-R-5

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	11.3777G	57.82	74.00	-16.18	42.39	3	Horizontal	328	2.58	-	38.40	8.84	31.81
AV	11.379G	44.41	54.00	-9.59	28.98	3	Horizontal	328	2.58	-	38.40	8.84	31.81
PK	17.1056G	66.37	68.20	-1.83	44.10	3	Horizontal	171	2.21	-	41.41	10.83	29.97

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom

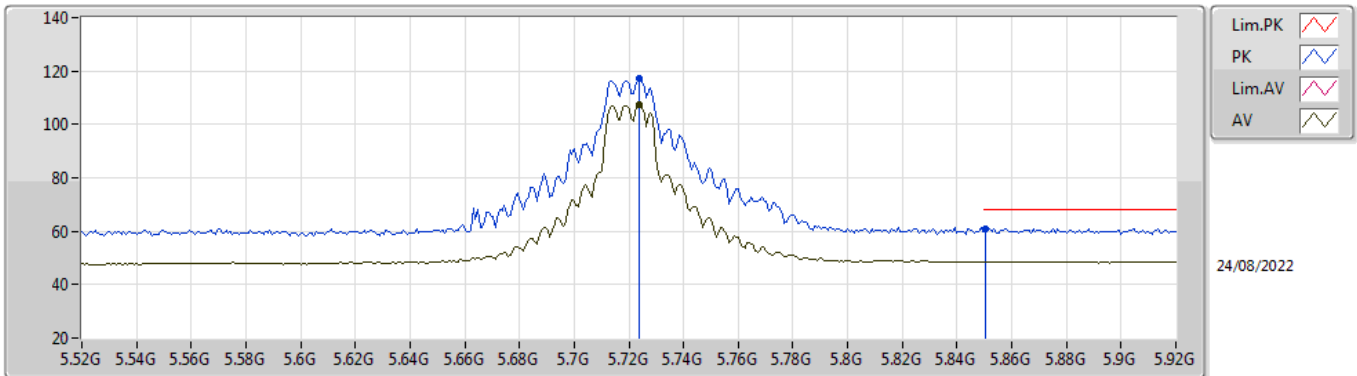


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.7152G	121.52	Inf	-Inf	113.53	3	Vertical	324	1.76	-	34.12	6.60	32.73
AV	5.7152G	112.26	Inf	-Inf	104.27	3	Vertical	324	1.76	-	34.12	6.60	32.73
PK	5.856G	61.39	68.20	-6.81	52.76	3	Vertical	324	1.76	-	34.81	6.60	32.78

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom

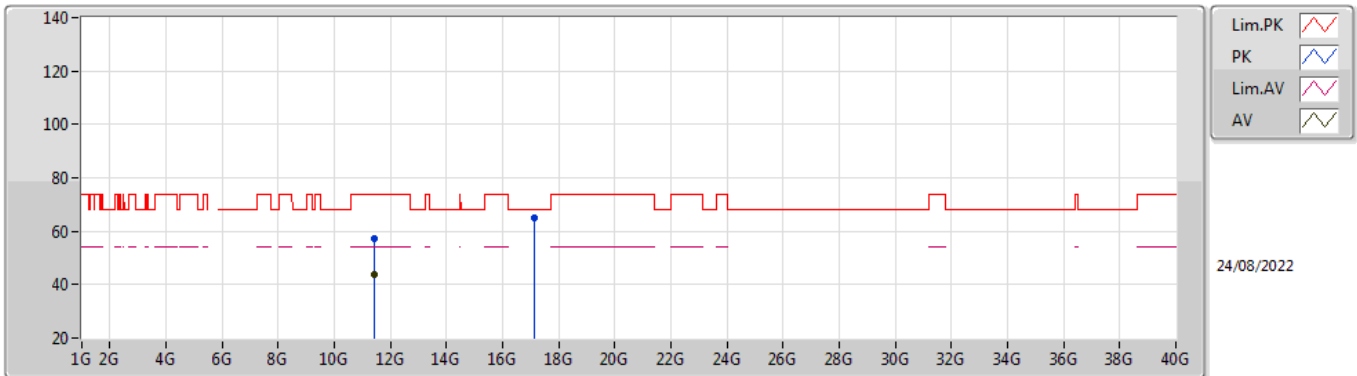


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.724G	117.08	Inf	-Inf	109.02	3	Horizontal	341	2.78	-	34.19	6.60	32.73
AV	5.724G	107.55	Inf	-Inf	99.49	3	Horizontal	341	2.78	-	34.19	6.60	32.73
PK	5.8504G	60.97	68.20	-7.23	52.35	3	Horizontal	341	2.78	-	34.80	6.60	32.78

802.11a\_Nss1,(6Mbps)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TnomVnom

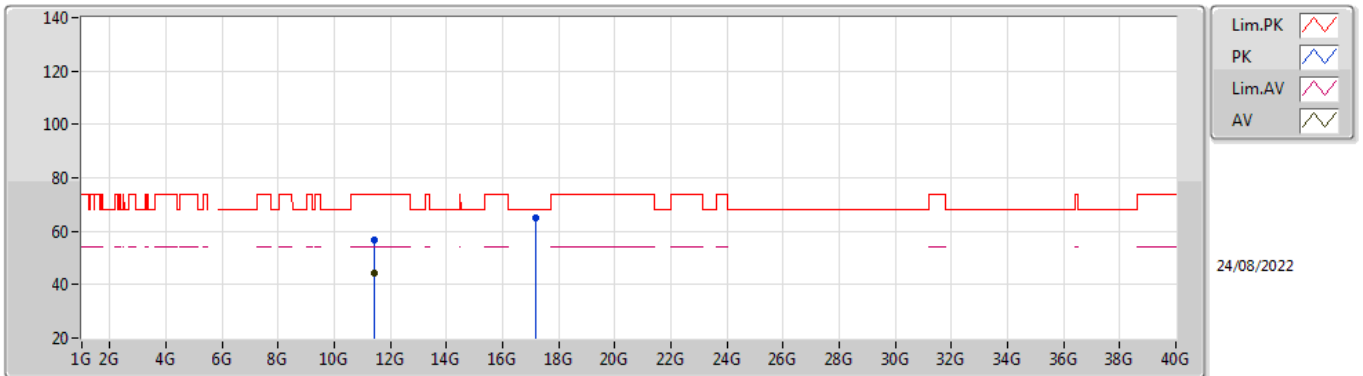


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.4504G	57.08	74.00	-16.92	41.59	3	Vertical	59	2.82	-	38.40	8.86	31.77
AV	11.4353G	44.03	54.00	-9.97	28.55	3	Vertical	59	2.82	-	38.40	8.86	31.78
PK	17.151G	64.93	68.20	-3.27	42.63	3	Vertical	306	2.33	-	41.50	10.85	30.05

802.11a\_Nss1,(6Mbps)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TnomVnom



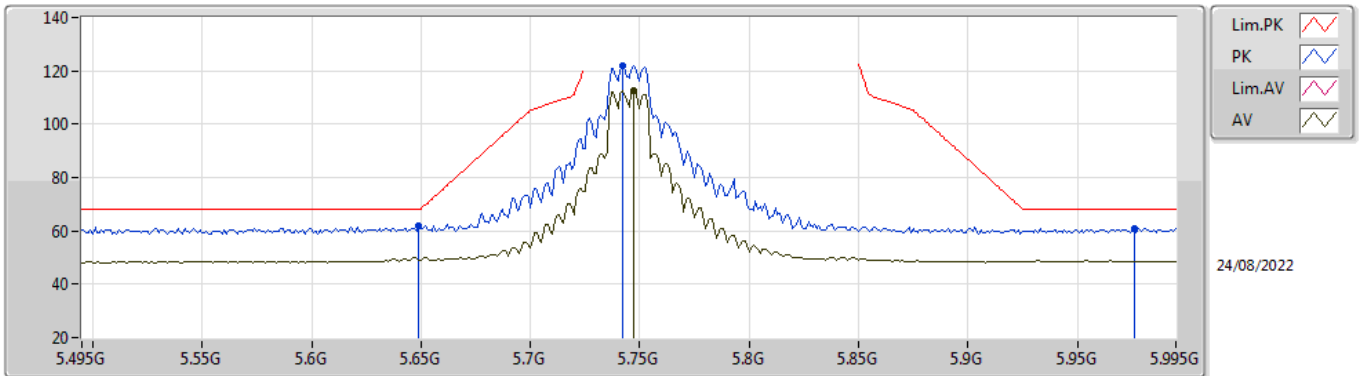
EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.4273G	56.49	74.00	-17.51	41.01	3	Horizontal	246	1.04	-	38.40	8.86	31.78
AV	11.4156G	44.10	54.00	-9.90	28.64	3	Horizontal	246	1.04	-	38.40	8.85	31.79
PK	17.1615G	64.88	68.20	-3.32	42.57	3	Horizontal	199	2.01	-	41.52	10.85	30.06



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TnomVnom

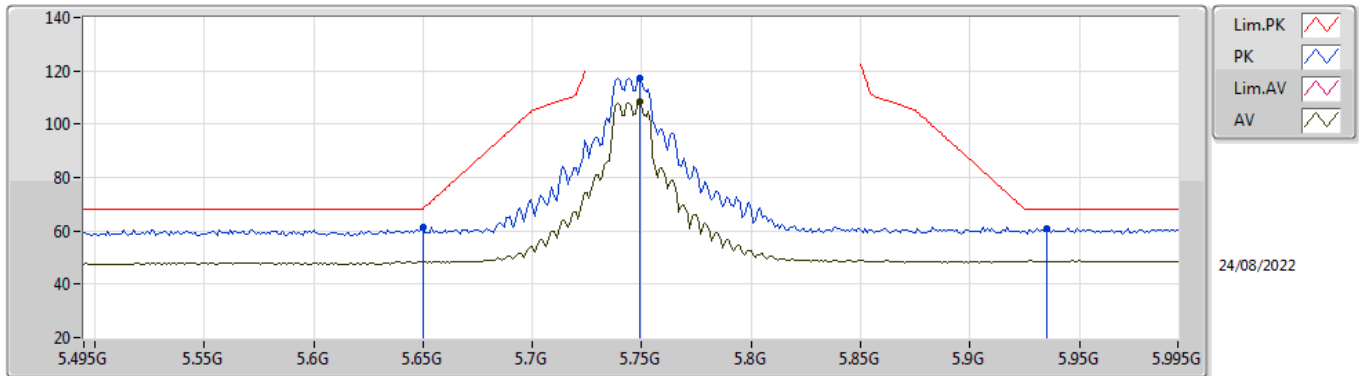


EUT\_V\_2TX  
Setting 108  
01-A-R-5-10

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	5.649G	61.77	68.20	-6.43	53.78	3	Vertical	338	3.00	-	34.09	6.60	32.70
PK	5.742G	121.74	Inf	-Inf	113.54	3	Vertical	338	3.00	-	34.34	6.60	32.74
AV	5.747G	112.57	Inf	-Inf	104.33	3	Vertical	338	3.00	-	34.38	6.60	32.74
PK	5.976G	61.11	68.20	-7.09	52.14	3	Vertical	338	3.00	-	35.20	6.60	32.83

802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TnomVnom

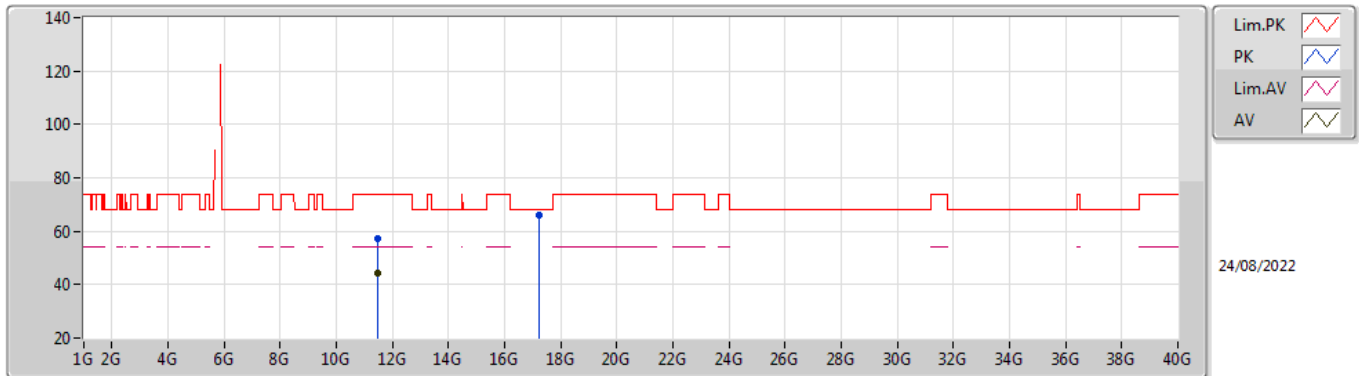


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.65G	61.28	68.20	-6.92	53.28	3	Horizontal	340	3.00	-	34.10	6.60	32.70
PK	5.749G	117.31	Inf	-Inf	109.06	3	Horizontal	340	3.00	-	34.39	6.60	32.74
AV	5.749G	108.38	Inf	-Inf	100.13	3	Horizontal	340	3.00	-	34.39	6.60	32.74
PK	5.935G	61.11	68.20	-7.09	52.28	3	Horizontal	340	3.00	-	35.04	6.60	32.81

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TnomVnom

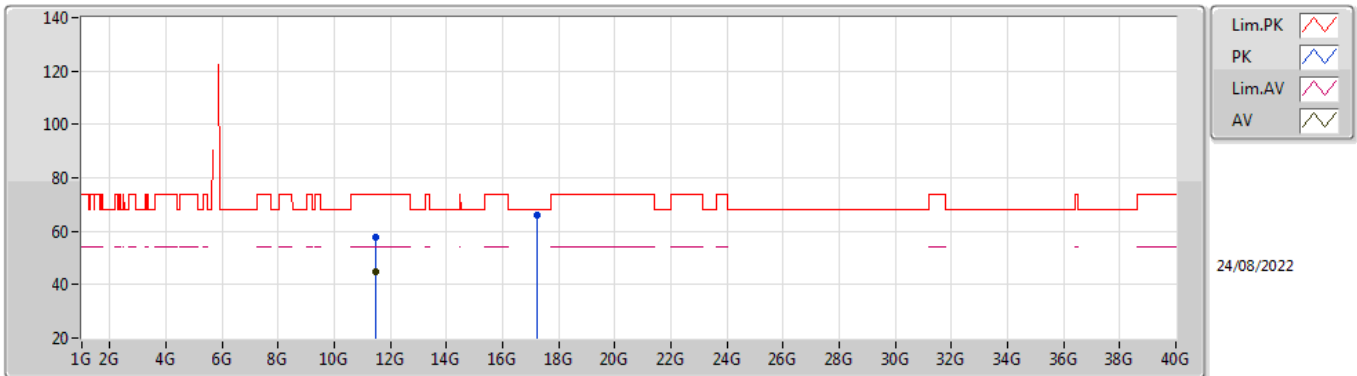


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.4669G	57.07	74.00	-16.93	41.56	3	Vertical	0	2.40	-	38.40	8.87	31.76
AV	11.4712G	44.09	54.00	-9.91	28.58	3	Vertical	0	2.40	-	38.40	8.87	31.76
PK	17.2303G	66.11	68.20	-2.09	43.66	3	Vertical	323	1.80	-	41.75	10.87	30.17

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TnomVnom

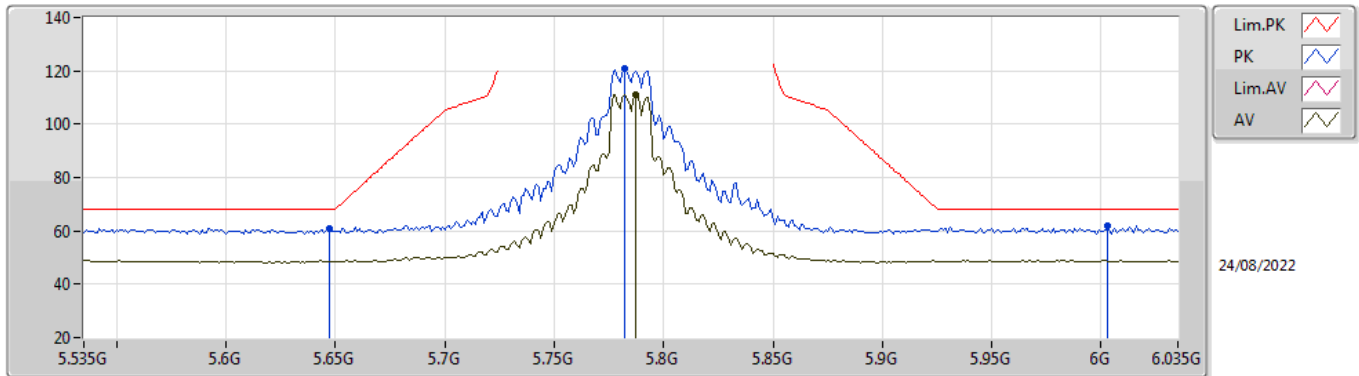


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.4884G	57.89	74.00	-16.11	42.37	3	Horizontal	296	2.23	-	38.40	8.87	31.75
AV	11.4921G	45.05	54.00	-8.95	29.52	3	Horizontal	296	2.23	-	38.40	8.87	31.74
PK	17.2224G	66.00	68.20	-2.20	43.58	3	Horizontal	0	2.38	-	41.71	10.87	30.16

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TnomVnom

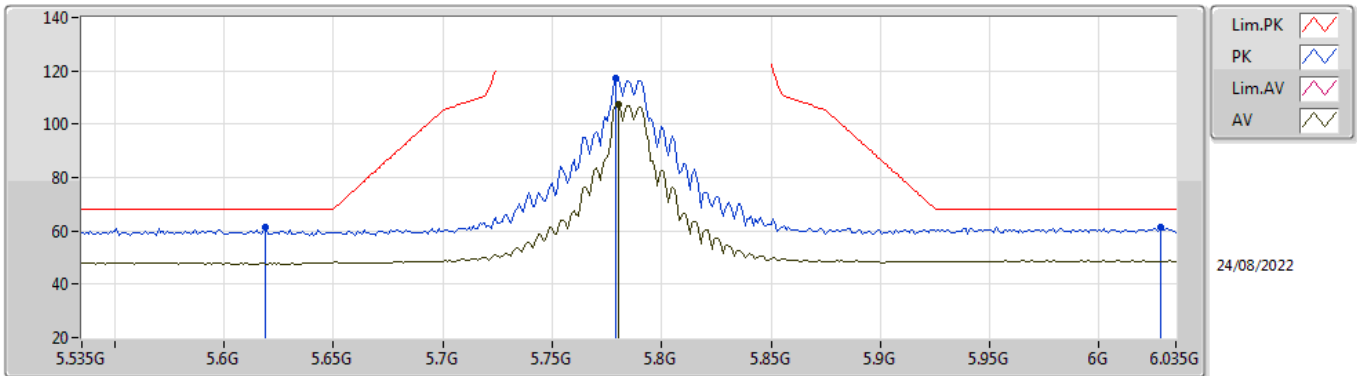


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.647G	60.94	68.20	-7.26	52.96	3	Vertical	342	1.80	-	34.08	6.60	32.70
PK	5.782G	120.85	Inf	-Inf	112.60	3	Vertical	342	1.80	-	34.40	6.60	32.75
AV	5.787G	111.15	Inf	-Inf	102.90	3	Vertical	342	1.80	-	34.40	6.60	32.75
PK	6.003G	61.75	68.20	-6.45	52.70	3	Vertical	342	1.80	-	35.29	6.60	32.84

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TnomVnom

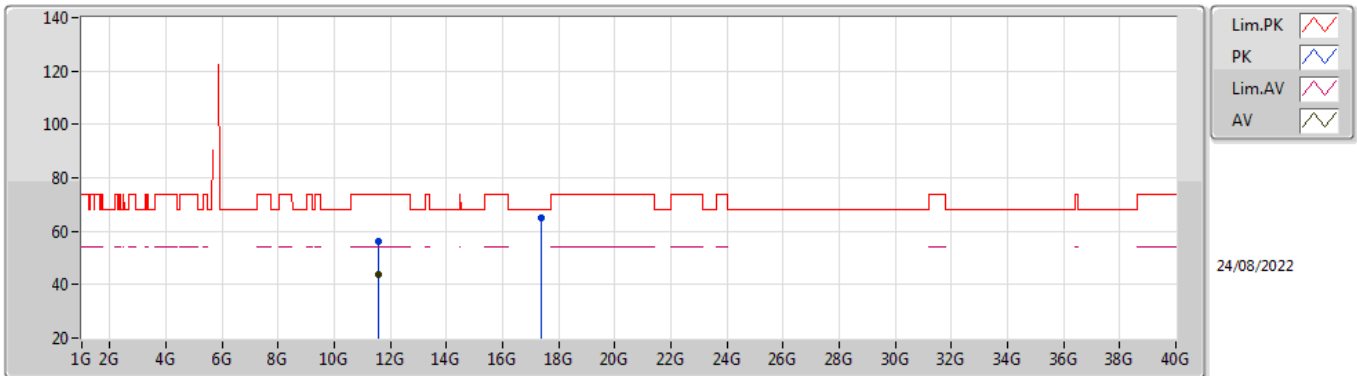


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.619G	61.36	68.20	-6.84	53.54	3	Horizontal	339	2.50	-	33.91	6.60	32.69
PK	5.779G	117.24	Inf	-Inf	108.99	3	Horizontal	339	2.50	-	34.40	6.60	32.75
AV	5.78G	107.25	Inf	-Inf	99.00	3	Horizontal	339	2.50	-	34.40	6.60	32.75
PK	6.028G	61.49	68.20	-6.71	52.45	3	Horizontal	339	2.50	-	35.24	6.64	32.84

802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TnomVnom

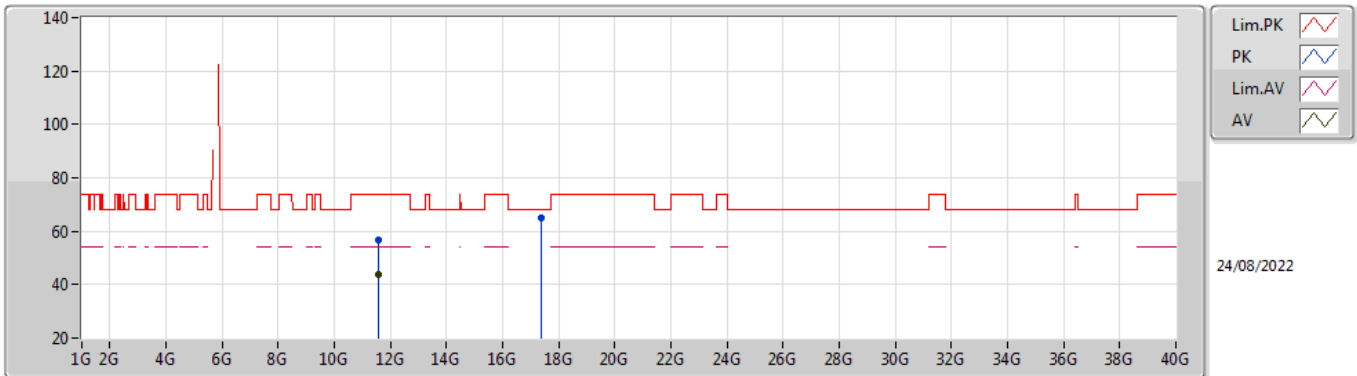


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.5518G	56.23	74.00	-17.77	40.56	3	Vertical	227	1.15	-	38.50	8.89	31.72
AV	11.5798G	43.73	54.00	-10.27	27.99	3	Vertical	227	1.15	-	38.56	8.89	31.71
PK	17.3789G	64.85	68.20	-3.35	42.16	3	Vertical	298	2.40	-	42.18	10.91	30.40

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TnomVnom



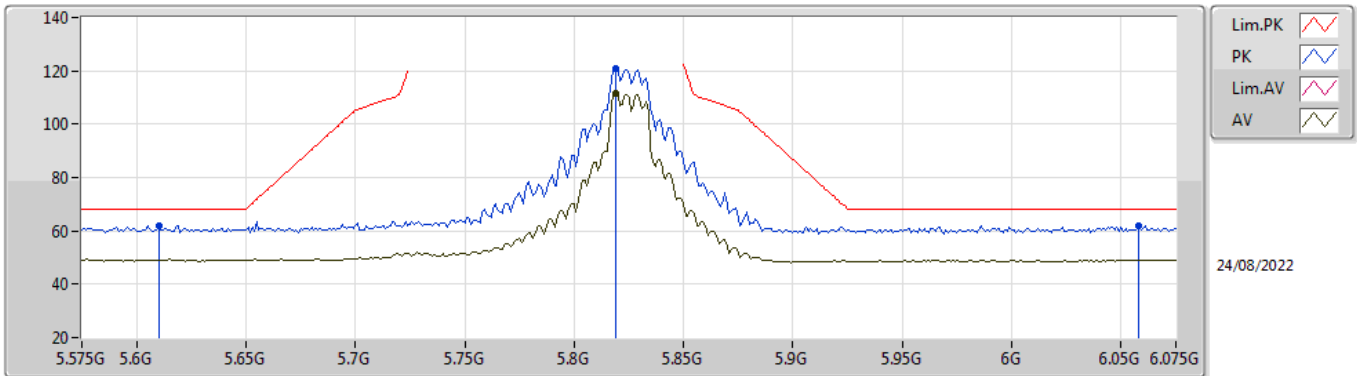
EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.5882G	56.76	74.00	-17.24	40.98	3	Horizontal	82	3.00	-	38.58	8.90	31.70
AV	11.5557G	43.68	54.00	-10.32	28.00	3	Horizontal	82	3.00	-	38.51	8.89	31.72
PK	17.3724G	64.76	68.20	-3.44	42.07	3	Horizontal	243	2.40	-	42.17	10.91	30.39



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TnomVnom

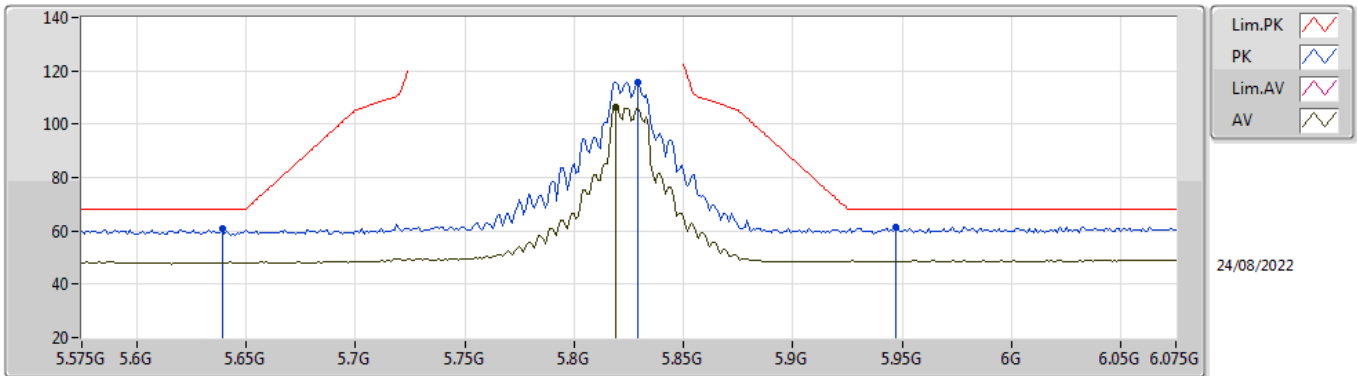


EUT Y\_2TX  
Setting 108  
01-A-R-5-10

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	5.61G	62.13	68.20	-6.07	54.35	3	Vertical	334	2.18	-	33.86	6.60	32.68
PK	5.819G	120.75	Inf	-Inf	112.37	3	Vertical	334	2.18	-	34.55	6.60	32.77
AV	5.819G	111.55	Inf	-Inf	103.17	3	Vertical	334	2.18	-	34.55	6.60	32.77
PK	6.058G	62.10	68.20	-6.10	53.03	3	Vertical	334	2.18	-	35.22	6.69	32.84

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TnomVnom

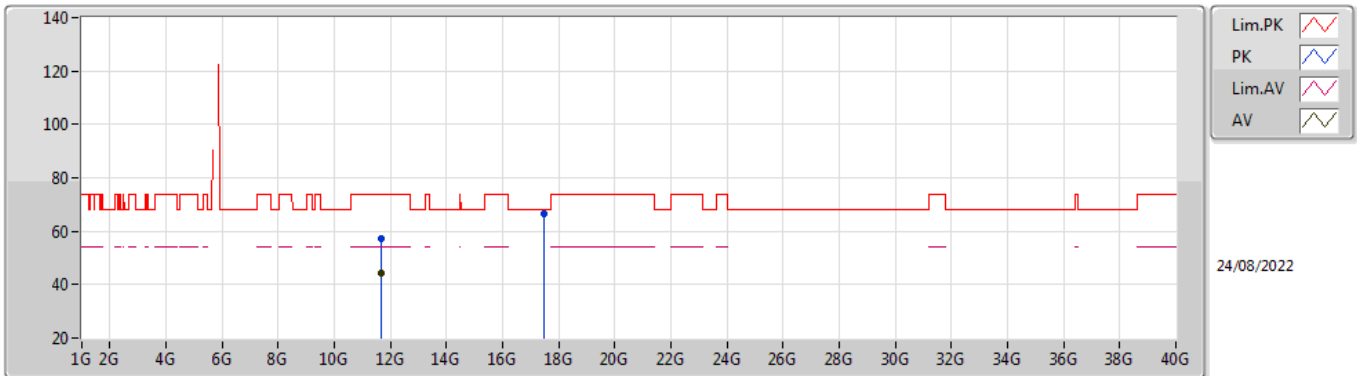


EUT V\_2TX  
Setting 108  
01-A-R-5-10

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	5.639G	60.84	68.20	-7.36	52.91	3	Horizontal	342	2.64	-	34.03	6.60	32.70
PK	5.829G	115.82	Inf	-Inf	107.36	3	Horizontal	342	2.64	-	34.63	6.60	32.77
AV	5.819G	106.62	Inf	-Inf	98.24	3	Horizontal	342	2.64	-	34.55	6.60	32.77
PK	5.947G	61.47	68.20	-6.73	52.60	3	Horizontal	342	2.64	-	35.09	6.60	32.82

802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TnomVnom

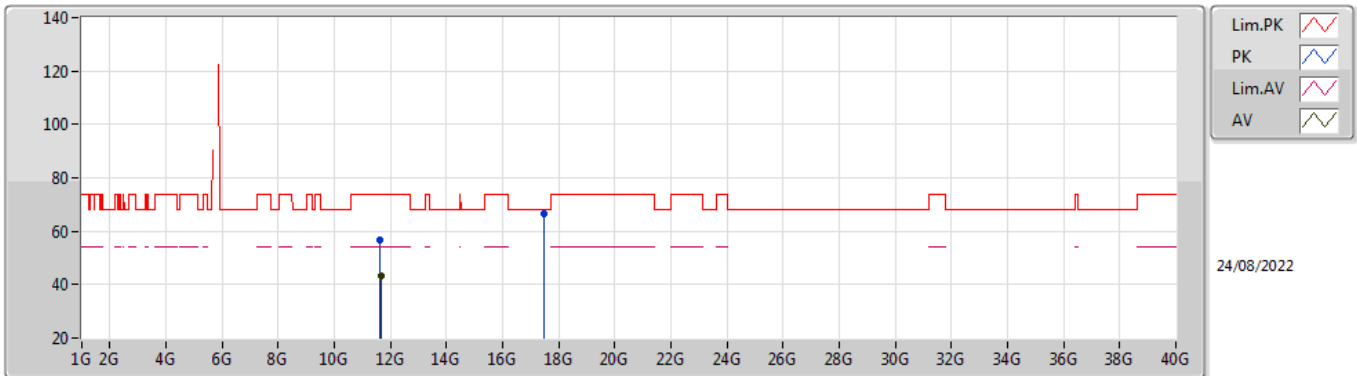


EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.6608G	57.29	74.00	-16.71	41.45	3	Vertical	248	1.34	-	38.60	8.92	31.68
AV	11.6555G	44.18	54.00	-9.82	28.35	3	Vertical	248	1.34	-	38.60	8.91	31.68
PK	17.4845G	66.48	68.20	-1.72	43.82	3	Vertical	360	1.96	-	42.28	10.95	30.57

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TnomVnom



EUT Y\_2TX  
Setting 108  
01-A-R-5

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	11.6392G	56.70	74.00	-17.30	40.87	3	Horizontal	52	1.65	-	38.60	8.91	31.68
AV	11.6555G	43.50	54.00	-10.50	27.67	3	Horizontal	52	1.65	-	38.60	8.91	31.68
PK	17.4701G	66.56	68.20	-1.64	43.89	3	Horizontal	50	1.80	-	42.27	10.94	30.54

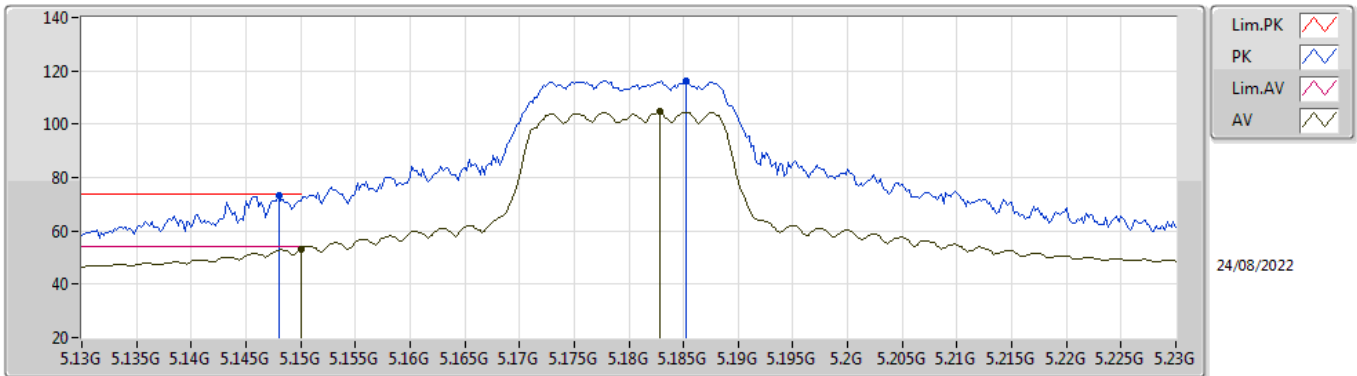


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.65G	68.18	68.20	-0.02	3	Vertical	310	1.80	-

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5180MHz\_TnomVnom

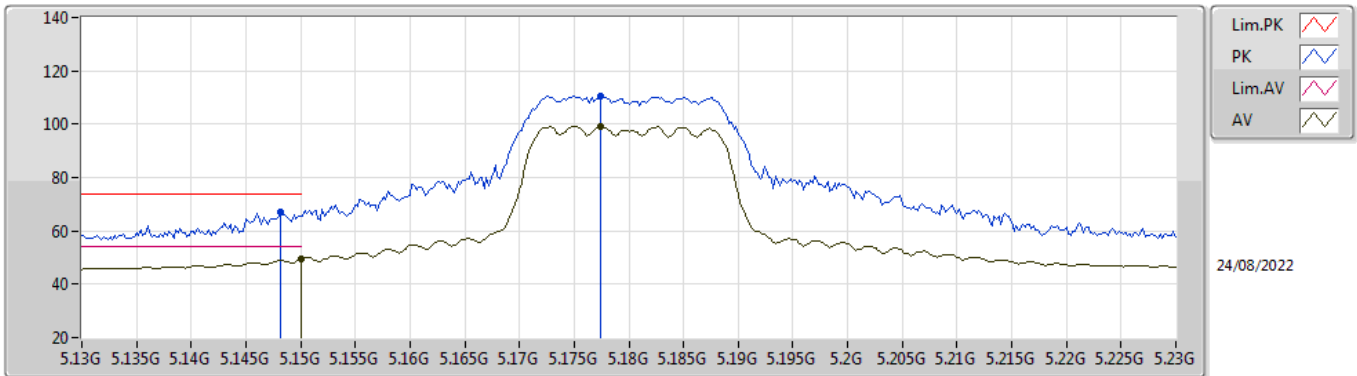


EUT Y\_2TX  
Setting 88  
01-C-B-5-10

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	5.148G	73.22	74.00	-0.78	66.94	3	Vertical	214	1.69	-	32.70	6.37	32.79
AV	5.15G	53.01	54.00	-0.99	46.73	3	Vertical	214	1.69	-	32.70	6.37	32.79
PK	5.1852G	116.10	Inf	-Inf	109.78	3	Vertical	214	1.69	-	32.70	6.39	32.77
AV	5.1828G	104.61	Inf	-Inf	98.29	3	Vertical	214	1.69	-	32.70	6.39	32.77

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5180MHz\_TnomVnom

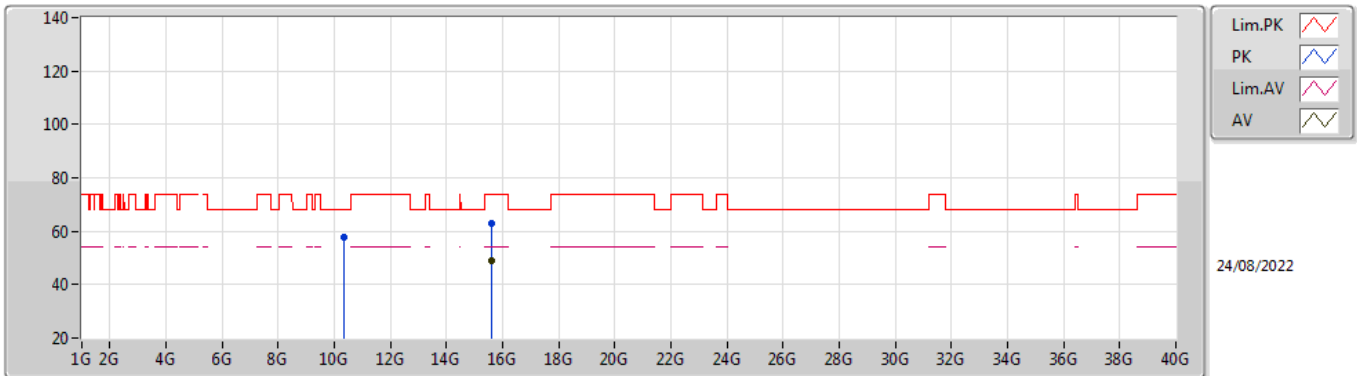


EUT Y\_2TX  
Setting 88  
01-C-B-5-10

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	5.1482G	66.91	74.00	-7.09	60.63	3	Horizontal	184	1.66	-	32.70	6.37	32.79
AV	5.15G	49.27	54.00	-4.73	42.99	3	Horizontal	184	1.66	-	32.70	6.37	32.79
PK	5.1774G	110.57	Inf	-Inf	104.26	3	Horizontal	184	1.66	-	32.70	6.39	32.78
AV	5.1774G	99.34	Inf	-Inf	93.03	3	Horizontal	184	1.66	-	32.70	6.39	32.78

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5180MHz\_TnomVnom



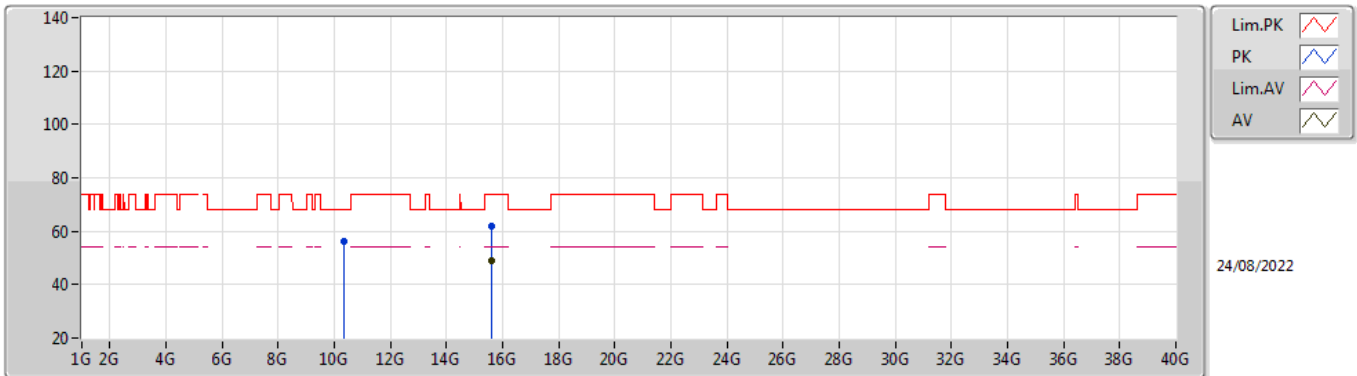
EUT Y\_2TX  
Setting 88  
01-C-B-5-10

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	10.3632G	57.65	68.20	-10.55	42.45	3	Vertical	185	1.81	-	38.40	8.59	31.79
PK	15.5898G	62.77	74.00	-11.23	45.25	3	Vertical	314	1.80	-	37.84	10.38	30.70
AV	15.5988G	49.17	54.00	-4.83	31.69	3	Vertical	314	1.80	-	37.80	10.38	30.70



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5180MHz\_TnomVnom

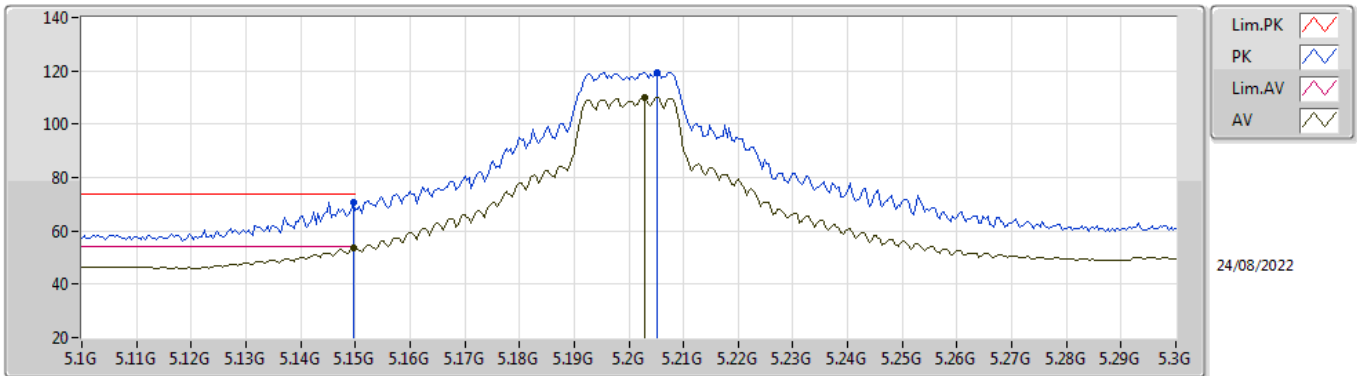


EUT Y\_2TX  
Setting 88  
01-C-B-5-10

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	10.35918G	56.15	68.20	-12.05	40.95	3	Horizontal	148	1.81	-	38.40	8.59	31.79
PK	15.63G	61.76	74.00	-12.24	44.29	3	Horizontal	22	1.80	-	37.77	10.39	30.69
AV	15.6012G	49.04	54.00	-4.96	31.56	3	Horizontal	22	1.80	-	37.80	10.38	30.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5200MHz\_TnomVnom

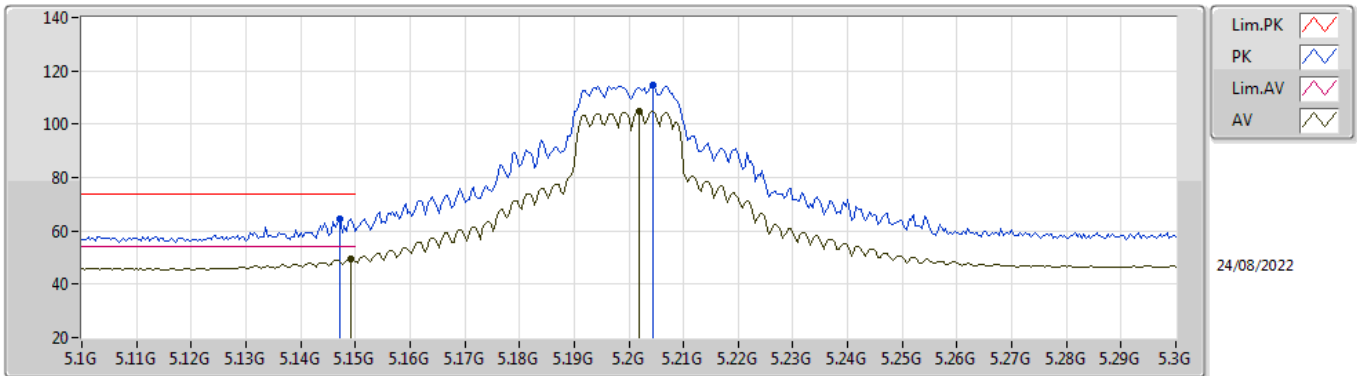


EUT Y\_2TX  
Setting 108  
01-C-B-5-10

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	5.1496G	70.70	74.00	-3.30	64.42	3	Vertical	212	1.72	-	32.70	6.37	32.79
AV	5.1496G	53.74	54.00	-0.26	47.46	3	Vertical	212	1.72	-	32.70	6.37	32.79
PK	5.2052G	119.44	Inf	-Inf	113.09	3	Vertical	212	1.72	-	32.71	6.40	32.76
AV	5.2028G	110.00	Inf	-Inf	103.65	3	Vertical	212	1.72	-	32.71	6.40	32.76

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5200MHz\_TnomVnom

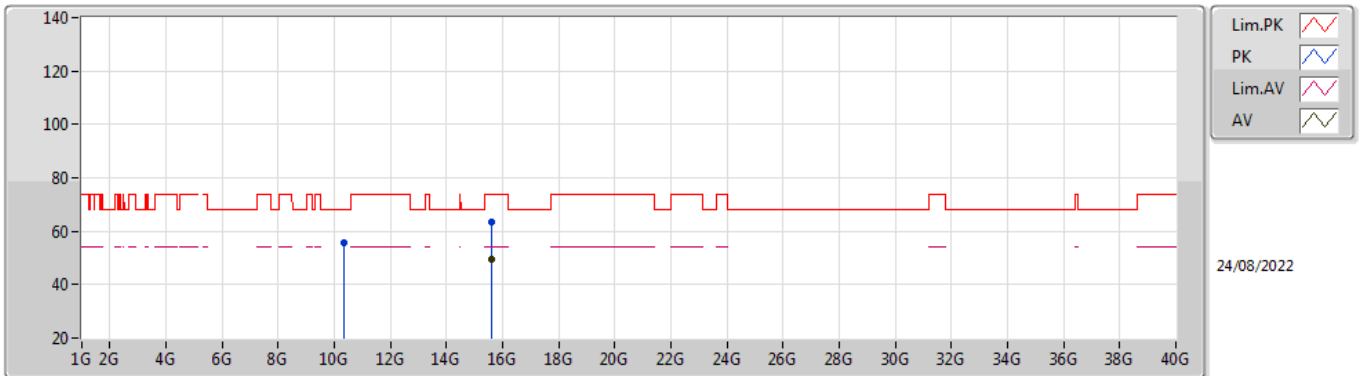


EUT Y\_2TX  
Setting 108  
01-C-B-5-10

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	5.1472G	64.54	74.00	-9.46	58.25	3	Horizontal	265	1.80	-	32.71	6.37	32.79
AV	5.1492G	49.63	54.00	-4.37	43.35	3	Horizontal	265	1.80	-	32.70	6.37	32.79
PK	5.2044G	114.89	Inf	-Inf	108.54	3	Horizontal	265	1.80	-	32.71	6.40	32.76
AV	5.202G	104.84	Inf	-Inf	98.51	3	Horizontal	265	1.80	-	32.70	6.40	32.77

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5200MHz\_TnomVnom

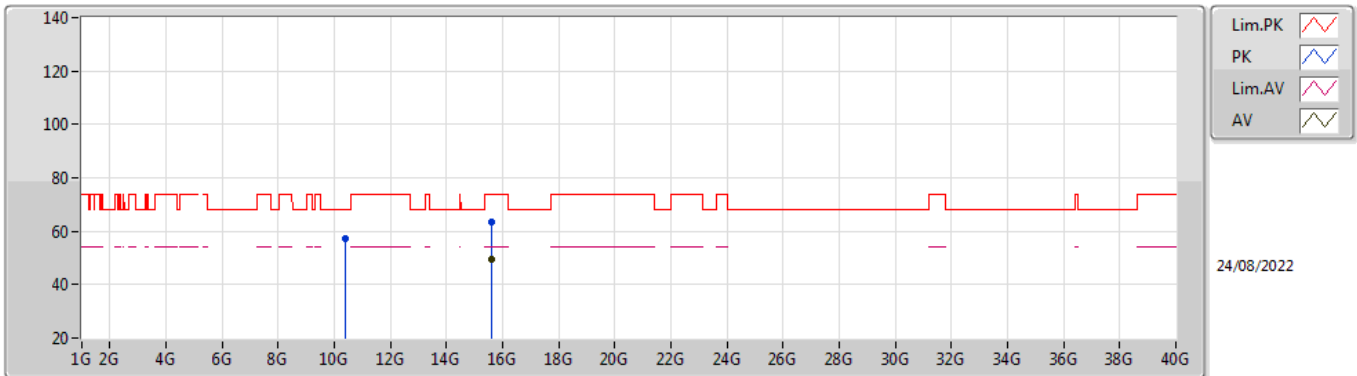


EUT Y\_2TX  
Setting 108  
01-C-B-5-10

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	10.364G	55.68	68.20	-12.52	40.48	3	Vertical	238	1.72	-	38.40	8.59	31.79
PK	15.59908G	63.64	74.00	-10.36	46.16	3	Vertical	170	1.80	-	37.80	10.38	30.70
AV	15.59684G	49.55	54.00	-4.45	32.06	3	Vertical	170	1.80	-	37.81	10.38	30.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5200MHz\_TnomVnom

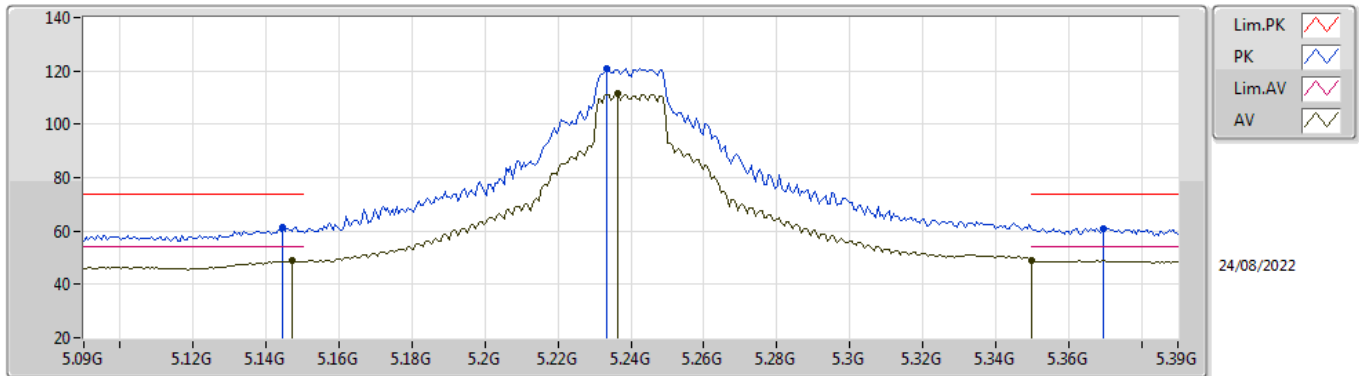


EUT Y\_2TX  
Setting 108  
01-C-B-5-10

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	10.40079G	57.05	68.20	-11.15	41.80	3	Horizontal	316	1.58	-	38.40	8.60	31.75
PK	15.6001G	63.31	74.00	-10.69	45.83	3	Horizontal	236	2.77	-	37.80	10.38	30.70
AV	15.60028G	49.49	54.00	-4.51	32.01	3	Horizontal	236	2.77	-	37.80	10.38	30.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5240MHz\_TnomVnom

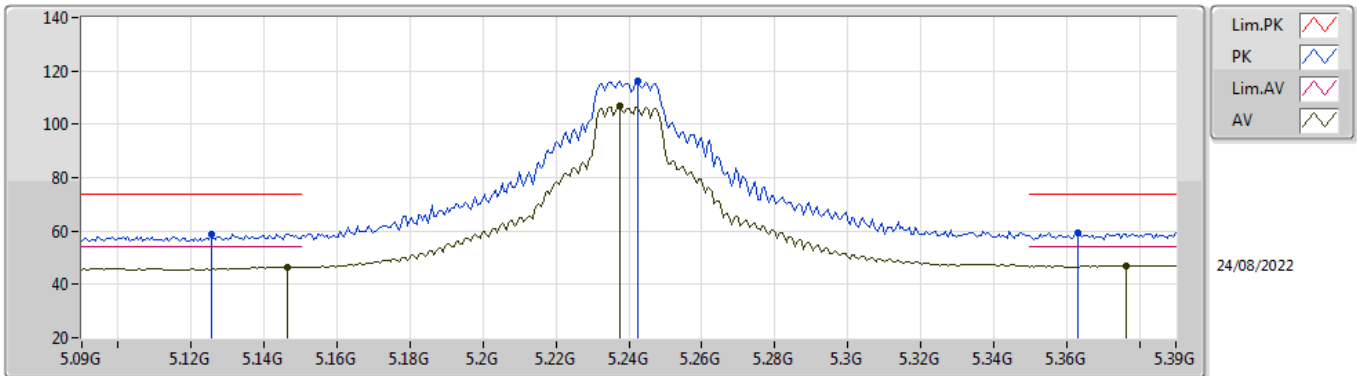


EUT\_V\_2TX  
Setting 114  
01-C-B-5-10

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	5.1446G	61.49	74.00	-12.51	55.20	3	Vertical	224	1.80	-	32.71	6.37	32.79
AV	5.147G	48.77	54.00	-5.23	42.48	3	Vertical	224	1.80	-	32.71	6.37	32.79
PK	5.2334G	120.92	Inf	-Inf	114.50	3	Vertical	224	1.80	-	32.77	6.40	32.75
AV	5.2364G	111.32	Inf	-Inf	104.90	3	Vertical	224	1.80	-	32.77	6.40	32.75
PK	5.3696G	61.05	74.00	-12.95	54.26	3	Vertical	224	1.80	-	33.08	6.40	32.69
AV	5.35G	48.77	54.00	-5.23	42.07	3	Vertical	224	1.80	-	33.00	6.40	32.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5240MHz\_TnomVnom

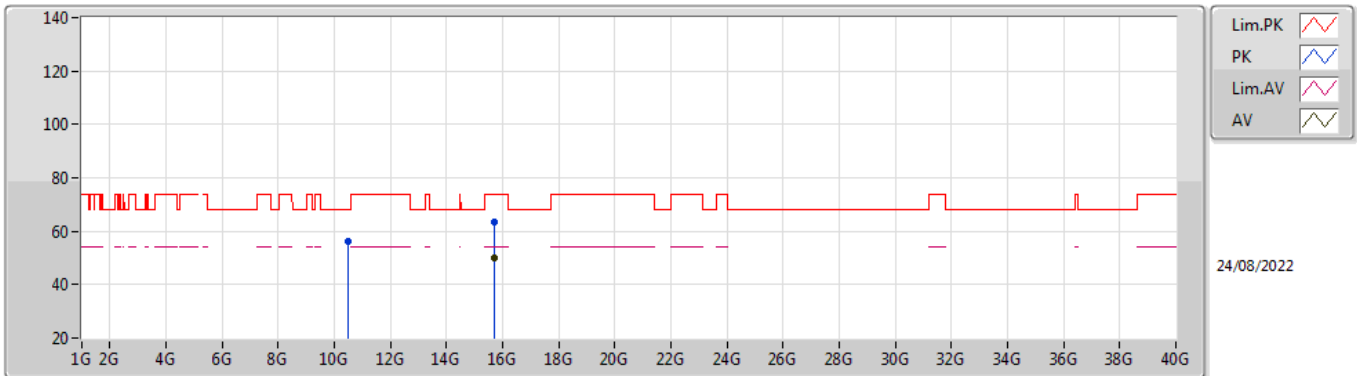


EUT\_V\_2TX  
Setting 114  
01-C-B-5-10

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	5.1254G	58.78	74.00	-15.22	52.47	3	Horizontal	182	1.84	-	32.75	6.36	32.80
AV	5.1464G	46.61	54.00	-7.39	40.32	3	Horizontal	182	1.84	-	32.71	6.37	32.79
PK	5.2424G	116.27	Inf	-Inf	109.84	3	Horizontal	182	1.84	-	32.78	6.40	32.75
AV	5.2376G	106.72	Inf	-Inf	100.29	3	Horizontal	182	1.84	-	32.78	6.40	32.75
PK	5.363G	59.38	74.00	-14.62	52.63	3	Horizontal	182	1.84	-	33.05	6.40	32.70
AV	5.3762G	46.96	54.00	-7.04	40.15	3	Horizontal	182	1.84	-	33.10	6.40	32.69

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5240MHz\_TnomVnom



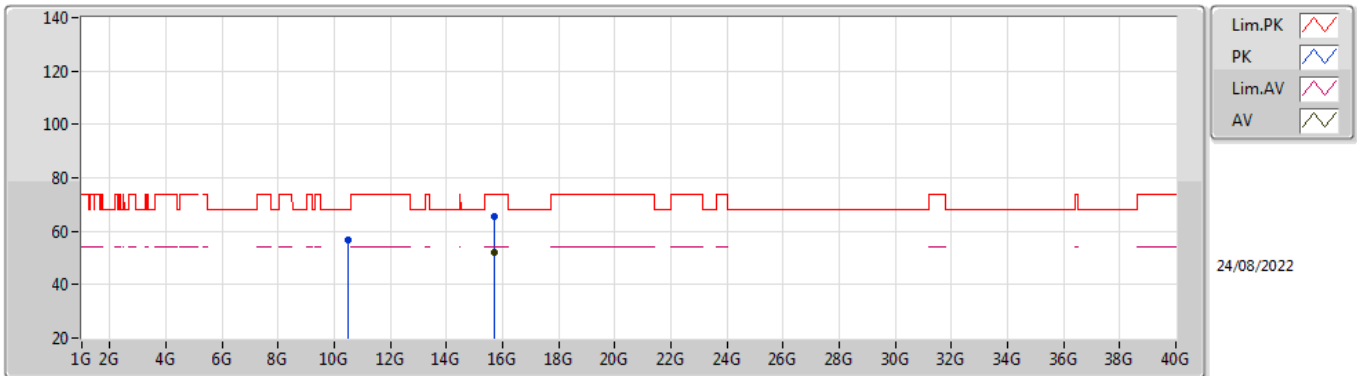
EUT Y\_2TX  
Setting 114  
01-C-B-5-10

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	10.47928G	56.38	68.20	-11.82	40.94	3	Vertical	143	3.00	-	38.48	8.62	31.66
PK	15.72228G	63.64	74.00	-10.36	46.05	3	Vertical	173	1.80	-	37.83	10.42	30.66
AV	15.71774G	50.01	54.00	-3.99	32.44	3	Vertical	173	1.80	-	37.81	10.42	30.66



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5240MHz\_TnomVnom

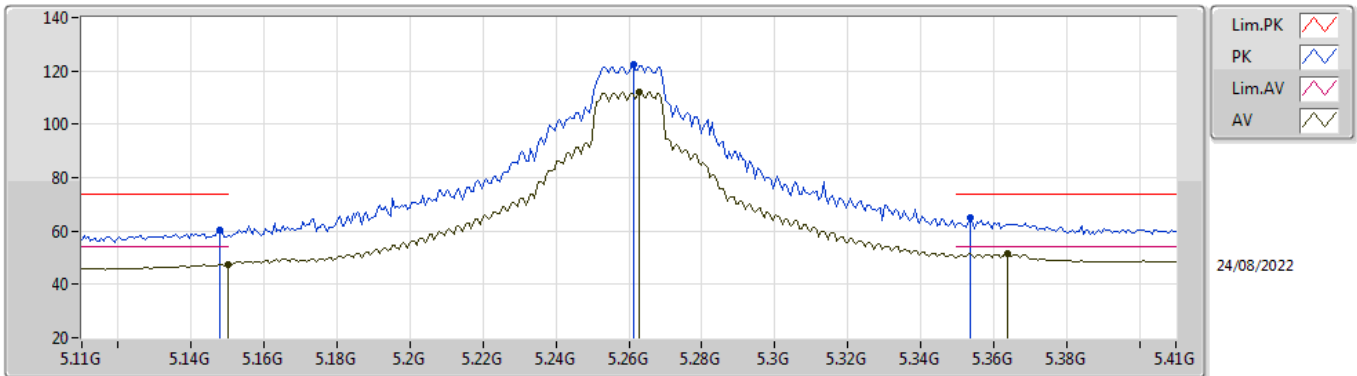


EUT Y\_2TX  
Setting 114  
01-C-B-5-10

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	10.47989G	56.85	68.20	-11.35	41.41	3	Horizontal	310	1.56	-	38.48	8.62	31.66
PK	15.72392G	65.53	74.00	-8.47	47.93	3	Horizontal	41	1.58	-	37.84	10.42	30.66
AV	15.72426G	51.89	54.00	-2.11	34.28	3	Horizontal	41	1.58	-	37.85	10.42	30.66

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5260MHz\_TnomVnom

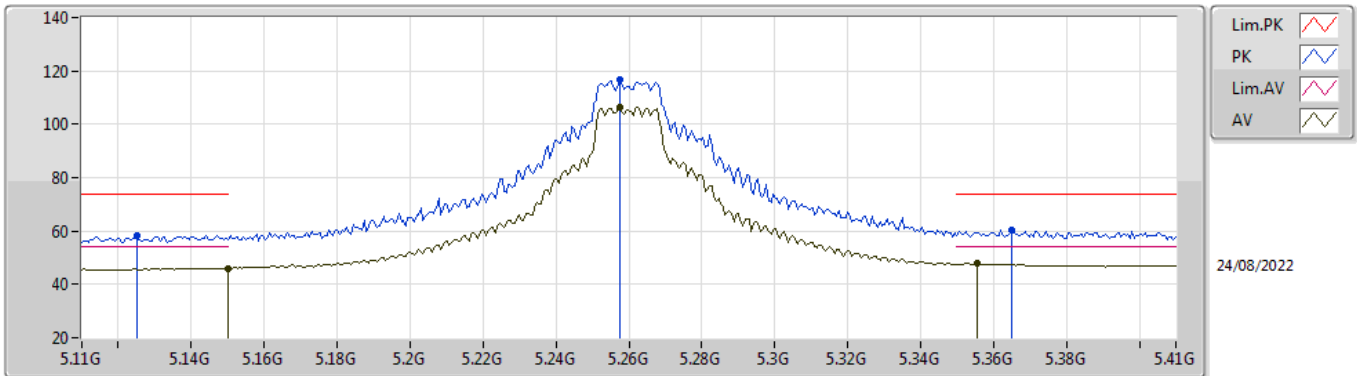


EUT\_V\_2TX  
Setting 114  
01-C-B-5-10

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	5.1478G	60.46	74.00	-13.54	54.18	3	Vertical	219	1.80	-	32.70	6.37	32.79
AV	5.15G	47.49	54.00	-6.51	41.21	3	Vertical	219	1.80	-	32.70	6.37	32.79
PK	5.2612G	122.50	Inf	-Inf	116.02	3	Vertical	219	1.80	-	32.82	6.40	32.74
AV	5.263G	112.04	Inf	-Inf	105.55	3	Vertical	219	1.80	-	32.83	6.40	32.74
PK	5.3536G	65.12	74.00	-8.88	58.41	3	Vertical	219	1.80	-	33.01	6.40	32.70
AV	5.3638G	51.35	54.00	-2.65	44.59	3	Vertical	219	1.80	-	33.06	6.40	32.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5260MHz\_TnomVnom

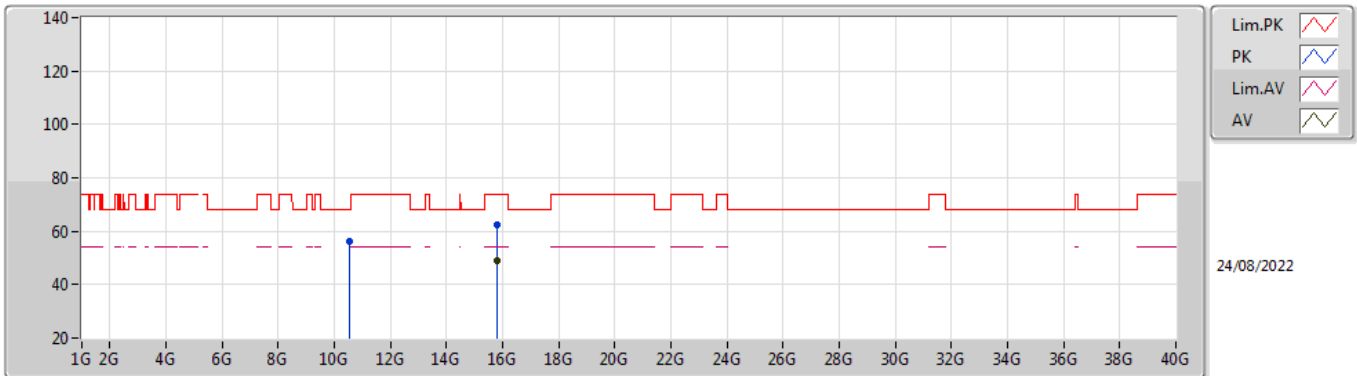


EUT\_V\_2TX  
Setting 114  
01-C-B-5-10

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	5.125G	58.21	74.00	-15.79	51.90	3	Horizontal	183	1.80	-	32.75	6.36	32.80
AV	5.15G	46.04	54.00	-7.96	39.76	3	Horizontal	183	1.80	-	32.70	6.37	32.79
PK	5.2576G	116.78	Inf	-Inf	110.30	3	Horizontal	183	1.80	-	32.82	6.40	32.74
AV	5.2576G	106.53	Inf	-Inf	100.05	3	Horizontal	183	1.80	-	32.82	6.40	32.74
PK	5.365G	60.53	74.00	-13.47	53.77	3	Horizontal	183	1.80	-	33.06	6.40	32.70
AV	5.3554G	48.12	54.00	-5.88	41.40	3	Horizontal	183	1.80	-	33.02	6.40	32.70

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5260MHz\_TnomVnom

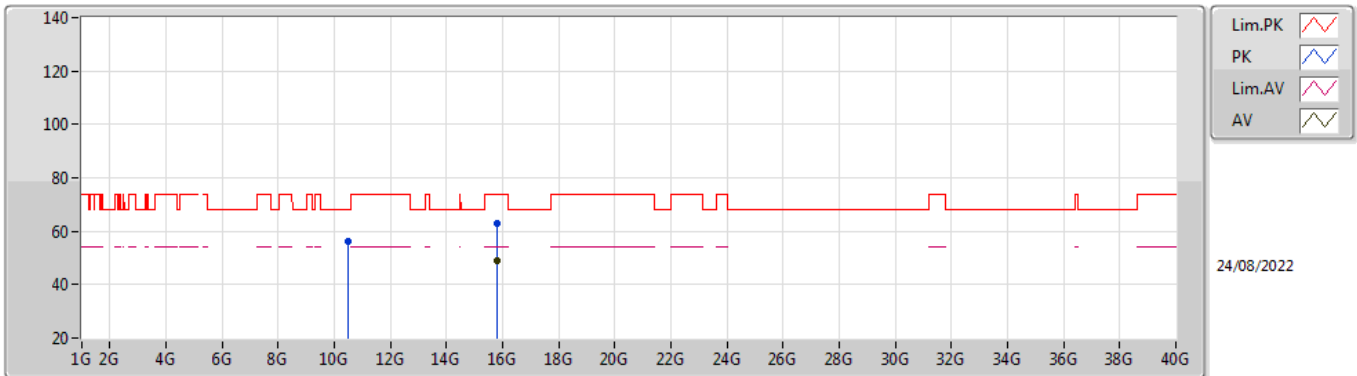


EUT Y\_2TX  
Setting 114  
01-C-B-5-10

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	10.51716G	56.00	68.20	-12.20	40.50	3	Vertical	236	1.87	-	38.52	8.63	31.65
PK	15.78166G	62.59	74.00	-11.41	44.62	3	Vertical	48	2.50	-	38.19	10.43	30.65
AV	15.784G	49.07	54.00	-4.93	31.07	3	Vertical	48	2.50	-	38.20	10.44	30.64

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5260MHz\_TnomVnom

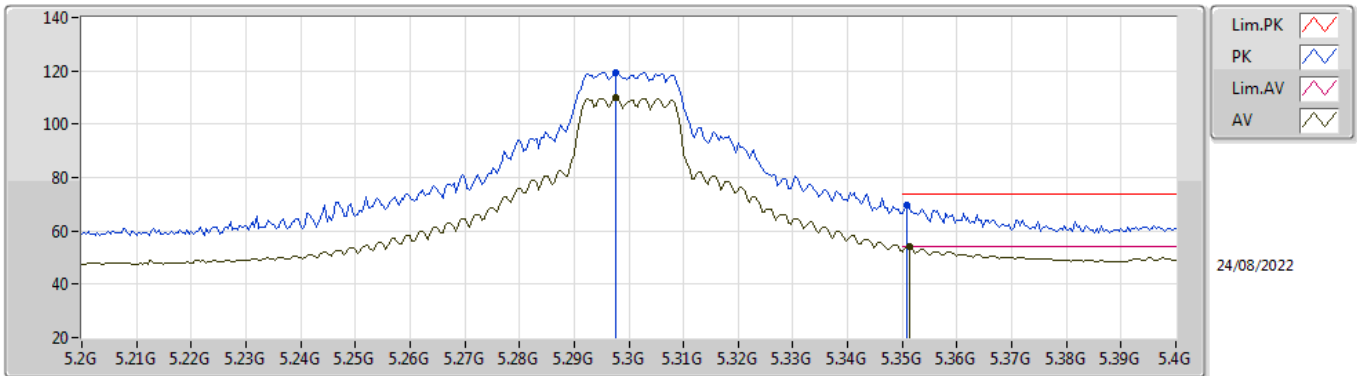


EUT Y\_2TX  
Setting 114  
01-C-B-5-10

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	10.51628G	56.20	68.20	-12.00	40.70	3	Horizontal	27	1.56	-	38.52	8.63	31.65
PK	15.78084G	62.95	74.00	-11.05	44.98	3	Horizontal	124	2.86	-	38.19	10.43	30.65
AV	15.78116G	49.08	54.00	-4.92	31.11	3	Horizontal	124	2.86	-	38.19	10.43	30.65

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5300MHz\_TnomVnom

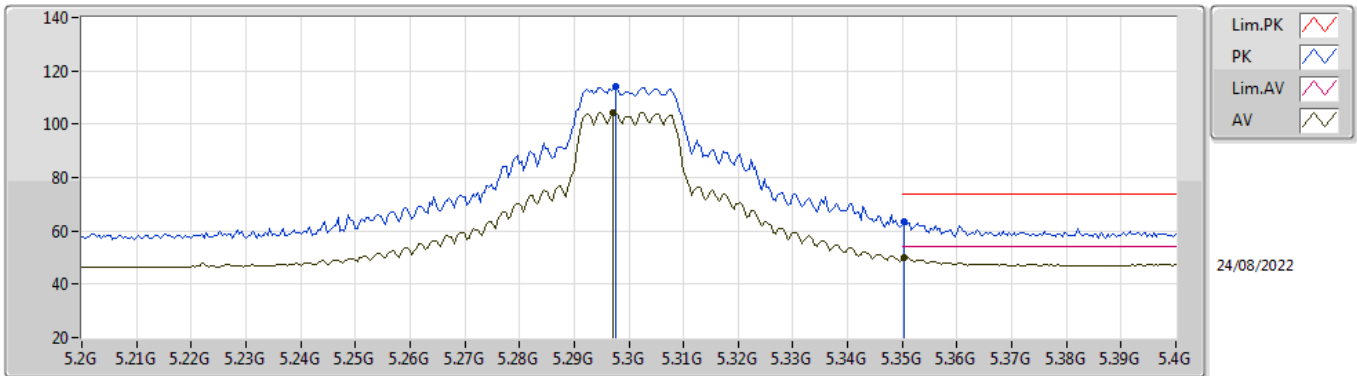


EUT Y\_2TX  
Setting 104  
01-C-B-5-10

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	5.2976G	119.33	Inf	-Inf	112.76	3	Vertical	211	1.80	-	32.90	6.40	32.73
AV	5.2976G	109.77	Inf	-Inf	103.20	3	Vertical	211	1.80	-	32.90	6.40	32.73
PK	5.3508G	69.64	74.00	-4.36	62.94	3	Vertical	211	1.80	-	33.00	6.40	32.70
AV	5.3512G	53.91	54.00	-0.09	47.21	3	Vertical	211	1.80	-	33.00	6.40	32.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5300MHz\_TnomVnom

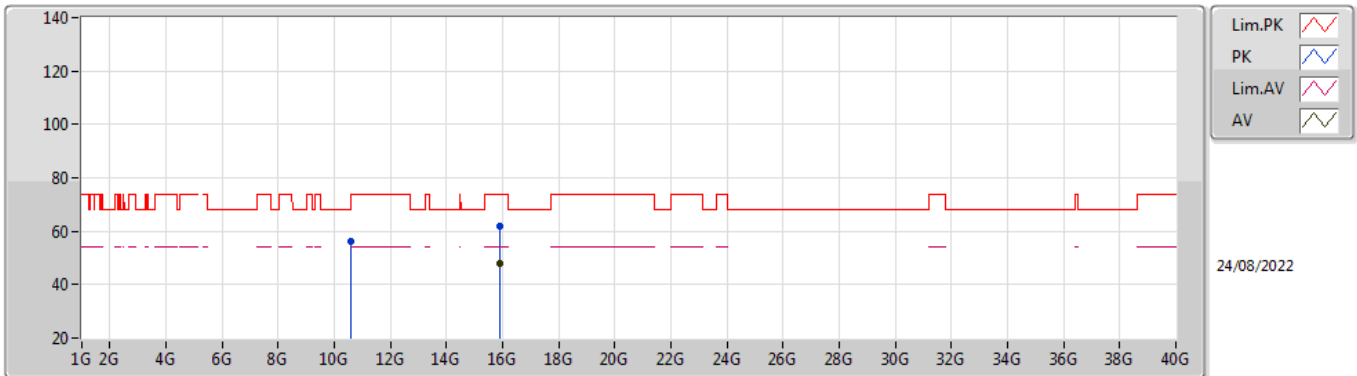


EUT Y\_2TX  
Setting 104  
01-C-B-5-10

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	5.2976G	114.07	Inf	-Inf	107.50	3	Horizontal	183	1.80	-	32.90	6.40	32.73
AV	5.2972G	104.31	Inf	-Inf	97.75	3	Horizontal	183	1.80	-	32.89	6.40	32.73
PK	5.3504G	63.19	74.00	-10.81	56.49	3	Horizontal	183	1.80	-	33.00	6.40	32.70
AV	5.3504G	49.91	54.00	-4.09	43.21	3	Horizontal	183	1.80	-	33.00	6.40	32.70

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5300MHz\_TnomVnom



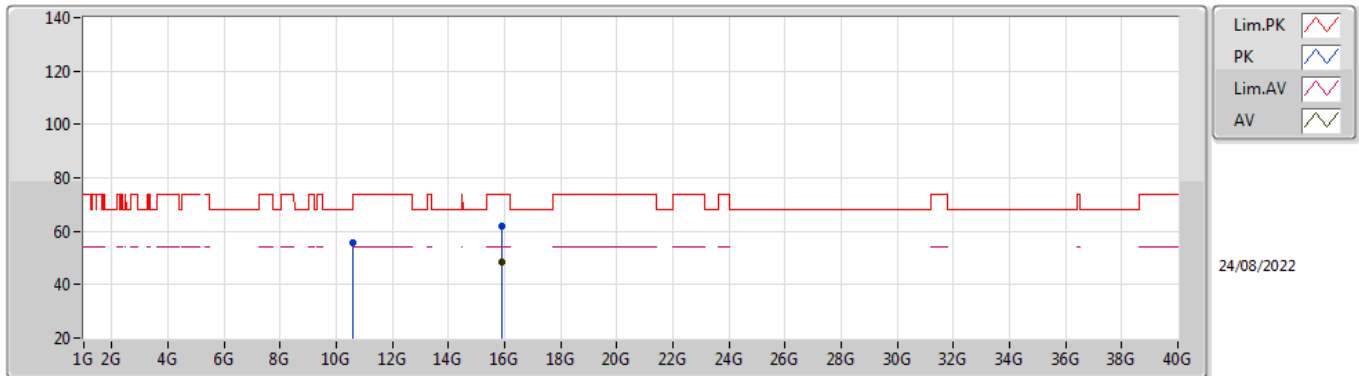
EUT Y\_2TX  
Setting 104  
01-C-B-5-10

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	10.60292G	56.12	74.00	-17.88	40.59	3	Vertical	275	1.34	-	38.60	8.65	31.72
PK	15.90406G	61.75	74.00	-12.25	43.49	3	Vertical	324	1.17	-	38.40	10.47	30.61
AV	15.89594G	48.15	54.00	-5.85	29.89	3	Vertical	324	1.17	-	38.40	10.47	30.61



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5300MHz\_TnomVnom

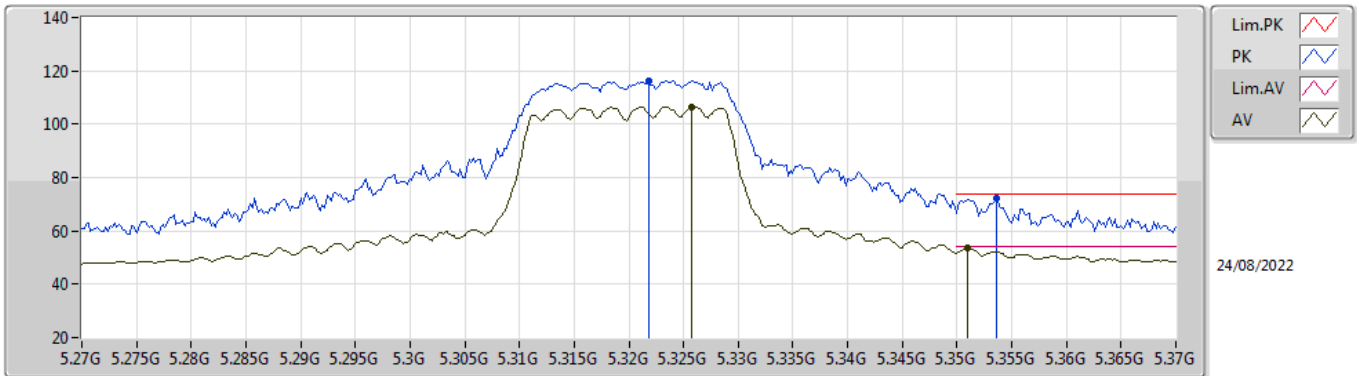


EUT Y\_2TX  
Setting 104  
01-C-B-5-10

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	10.60286G	55.65	74.00	-18.35	40.12	3	Horizontal	236	1.46	-	38.60	8.65	31.72
PK	15.90284G	61.88	74.00	-12.12	43.62	3	Horizontal	190	1.37	-	38.40	10.47	30.61
AV	15.89632G	48.19	54.00	-5.81	29.93	3	Horizontal	190	1.37	-	38.40	10.47	30.61

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5320MHz\_TnomVnom

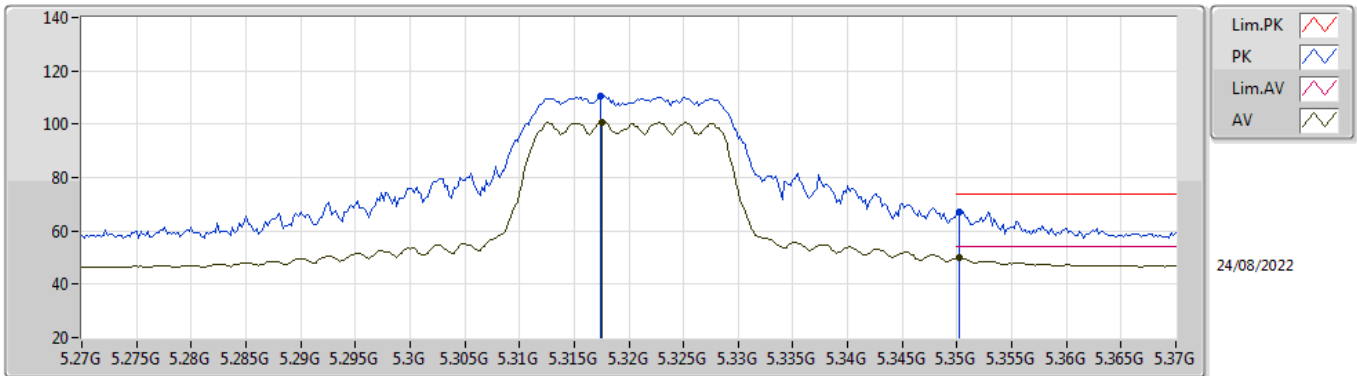


EUT Y\_2TX  
Setting 87  
01-C-B-5-10

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	5.3218G	116.33	Inf	-Inf	109.70	3	Vertical	220	1.75	-	32.94	6.40	32.71
AV	5.3258G	106.46	Inf	-Inf	99.82	3	Vertical	220	1.75	-	32.95	6.40	32.71
PK	5.3536G	72.22	74.00	-1.78	65.51	3	Vertical	220	1.75	-	33.01	6.40	32.70
AV	5.351G	53.51	54.00	-0.49	46.81	3	Vertical	220	1.75	-	33.00	6.40	32.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5320MHz\_TnomVnom

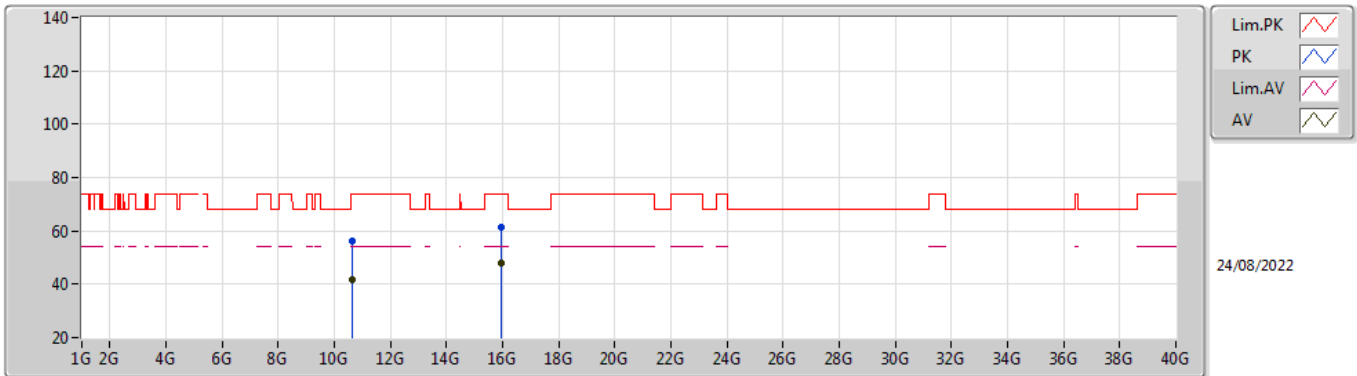


EUT Y\_2TX  
Setting 87  
01-C-B-5-10

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	5.3174G	110.30	Inf	-Inf	103.69	3	Horizontal	185	1.62	-	32.93	6.40	32.72
AV	5.3176G	100.61	Inf	-Inf	93.99	3	Horizontal	185	1.62	-	32.94	6.40	32.72
PK	5.3502G	67.24	74.00	-6.76	60.54	3	Horizontal	185	1.62	-	33.00	6.40	32.70
AV	5.3502G	49.85	54.00	-4.15	43.15	3	Horizontal	185	1.62	-	33.00	6.40	32.70

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5320MHz\_TnomVnom

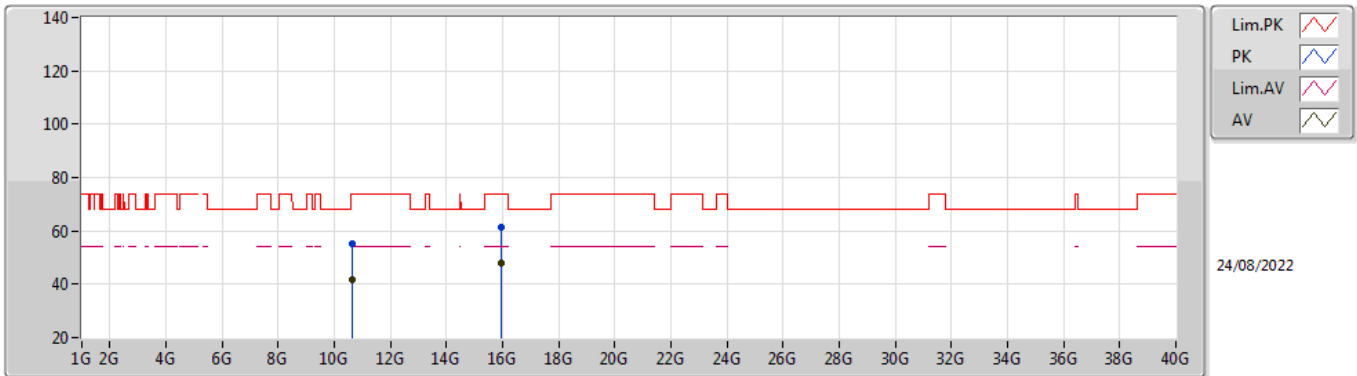


EUT Y\_2TX  
Setting 87  
01-C-B-5-10

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	10.64008G	56.20	74.00	-17.80	40.69	3	Vertical	309	2.65	-	38.60	8.66	31.75
AV	10.64074G	41.77	54.00	-12.23	26.26	3	Vertical	309	2.65	-	38.60	8.66	31.75
PK	15.96406G	61.47	74.00	-12.53	43.17	3	Vertical	115	2.06	-	38.40	10.49	30.59
AV	15.95976G	47.94	54.00	-6.06	29.64	3	Vertical	115	2.06	-	38.40	10.49	30.59

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5320MHz\_TnomVnom

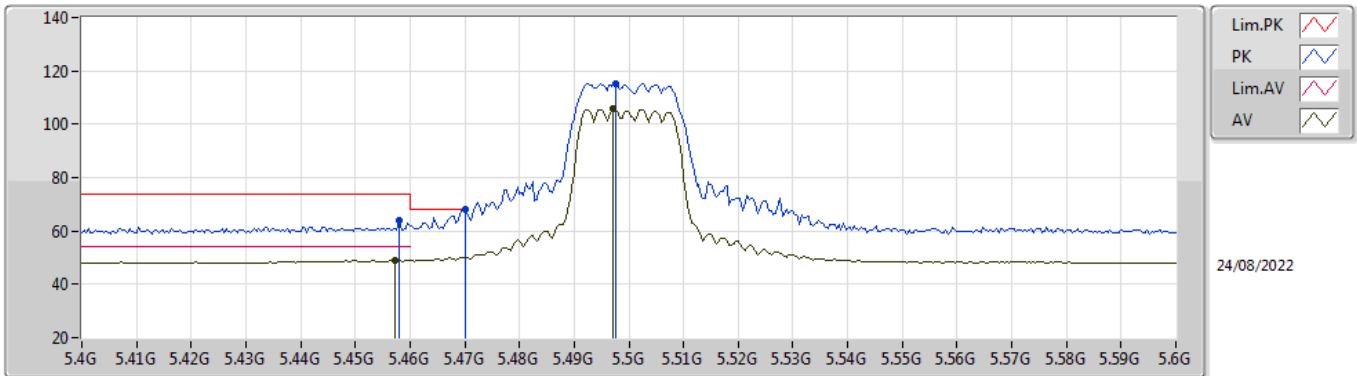


EUT Y\_2TX  
Setting 87  
01-C-B-5-10

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	10.64346G	55.32	74.00	-18.68	39.81	3	Horizontal	205	2.96	-	38.60	8.66	31.75
AV	10.64072G	41.84	54.00	-12.16	26.33	3	Horizontal	205	2.96	-	38.60	8.66	31.75
PK	15.96444G	61.43	74.00	-12.57	43.13	3	Horizontal	61	2.99	-	38.40	10.49	30.59
AV	15.95774G	47.86	54.00	-6.14	29.56	3	Horizontal	61	2.99	-	38.40	10.49	30.59

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5500MHz\_TnomVnom

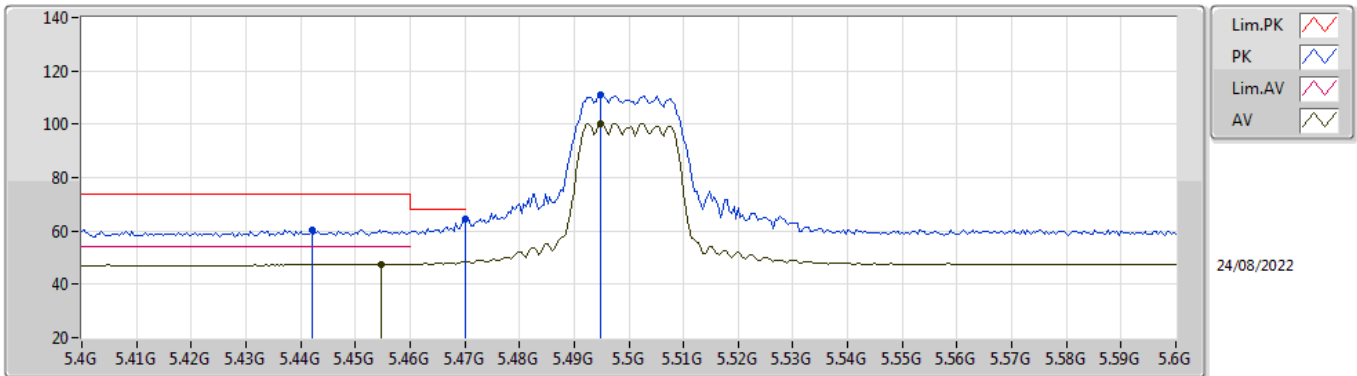


EUT\_V\_2TX  
Setting 81  
01-C-R-5-10

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	5.458G	63.78	74.00	-10.22	56.28	3	Vertical	204	1.79	-	33.70	6.46	32.66
AV	5.4572G	49.02	54.00	-4.98	41.52	3	Vertical	204	1.79	-	33.70	6.46	32.66
PK	5.47G	68.15	68.20	-0.05	60.63	3	Vertical	204	1.79	-	33.70	6.47	32.65
PK	5.4976G	115.24	Inf	-Inf	107.68	3	Vertical	204	1.79	-	33.70	6.50	32.64
AV	5.4972G	105.67	Inf	-Inf	98.11	3	Vertical	204	1.79	-	33.70	6.50	32.64

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5500MHz\_TnomVnom

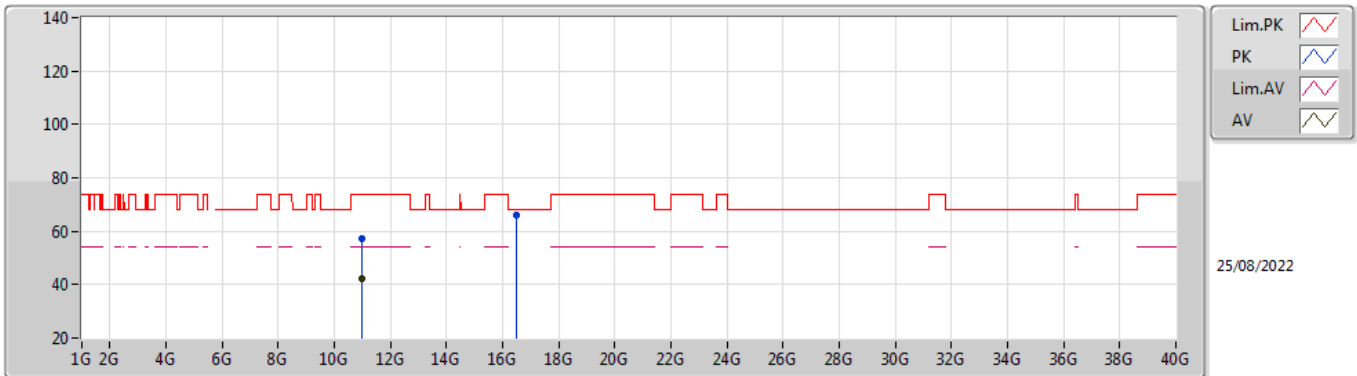


EUT\_V\_2TX  
Setting 81  
01-C-R-5-10

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	5.442G	60.55	74.00	-13.45	53.15	3	Horizontal	331	2.26	-	33.62	6.44	32.66
AV	5.4548G	47.57	54.00	-6.43	40.08	3	Horizontal	331	2.26	-	33.70	6.45	32.66
PK	5.47G	64.46	68.20	-3.74	56.94	3	Horizontal	331	2.26	-	33.70	6.47	32.65
PK	5.4948G	111.01	Inf	-Inf	103.46	3	Horizontal	331	2.26	-	33.70	6.49	32.64
AV	5.4948G	100.16	Inf	-Inf	92.61	3	Horizontal	331	2.26	-	33.70	6.49	32.64

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5500MHz\_TnomVnom



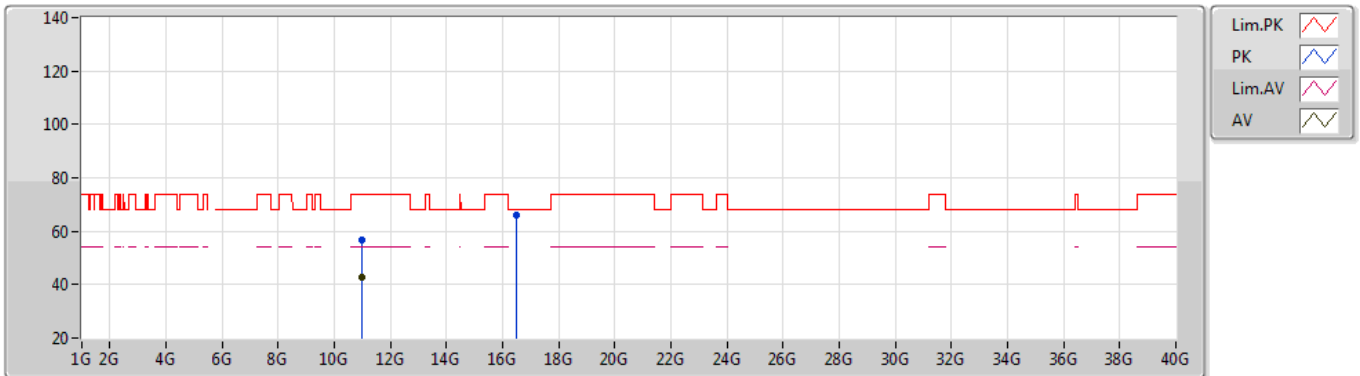
EUT Y\_2TX  
Setting 81  
01-C-B-5

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	10.99954G	57.07	74.00	-16.93	41.86	3	Vertical	211	1.80	-	38.50	8.75	32.04
AV	11.00062G	42.31	54.00	-11.69	27.10	3	Vertical	211	1.80	-	38.50	8.75	32.04
PK	16.49698G	66.03	68.20	-2.17	44.05	3	Vertical	271	3.00	-	40.28	10.65	28.95



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5500MHz\_TnomVnom

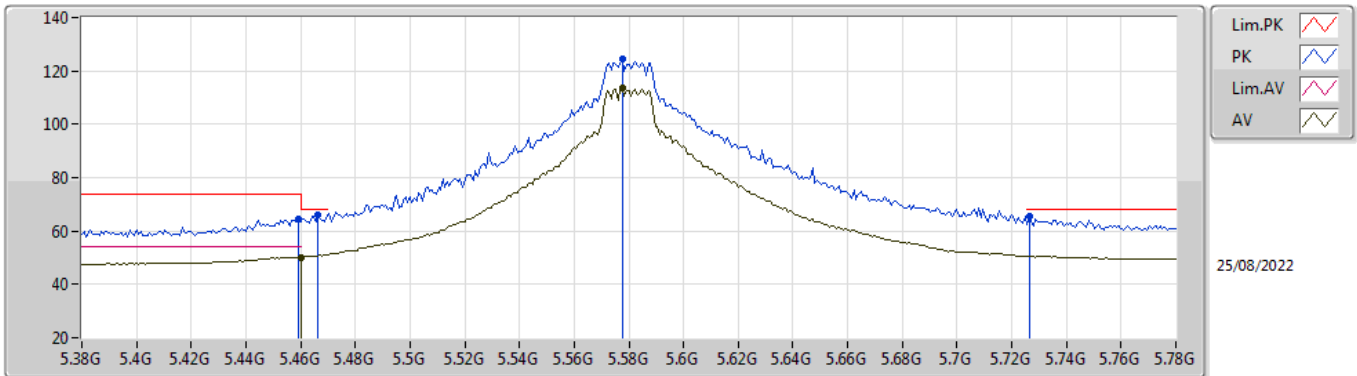


EUT Y\_2TX  
Setting 81  
01-C-B-5

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	11.00064G	56.48	74.00	-17.52	41.27	3	Horizontal	323	1.80	-	38.50	8.75	32.04
AV	10.99988G	42.51	54.00	-11.49	27.30	3	Horizontal	323	1.80	-	38.50	8.75	32.04
PK	16.49756G	66.22	68.20	-1.98	44.23	3	Horizontal	260	2.05	-	40.29	10.65	28.95

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5580MHz\_TnomVnom

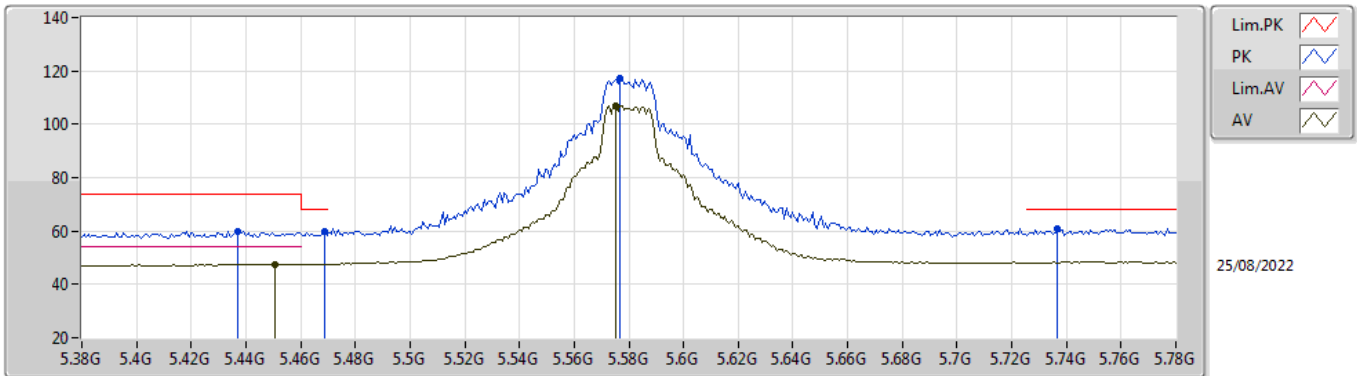


EUT\_V\_2TX  
Setting 116  
01-C-R-5-10

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	5.4592G	64.23	74.00	-9.77	56.73	3	Vertical	322	2.42	-	33.70	6.46	32.66
AV	5.46G	50.24	54.00	-3.76	42.74	3	Vertical	322	2.42	-	33.70	6.46	32.66
PK	5.4664G	66.08	68.20	-2.12	58.56	3	Vertical	322	2.42	-	33.70	6.47	32.65
PK	5.5776G	124.36	Inf	-Inf	116.61	3	Vertical	322	2.42	-	33.84	6.58	32.67
AV	5.5776G	113.67	Inf	-Inf	105.92	3	Vertical	322	2.42	-	33.84	6.58	32.67
PK	5.7264G	65.76	68.20	-2.44	57.68	3	Vertical	322	2.42	-	34.21	6.60	32.73

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5580MHz\_TnomVnom

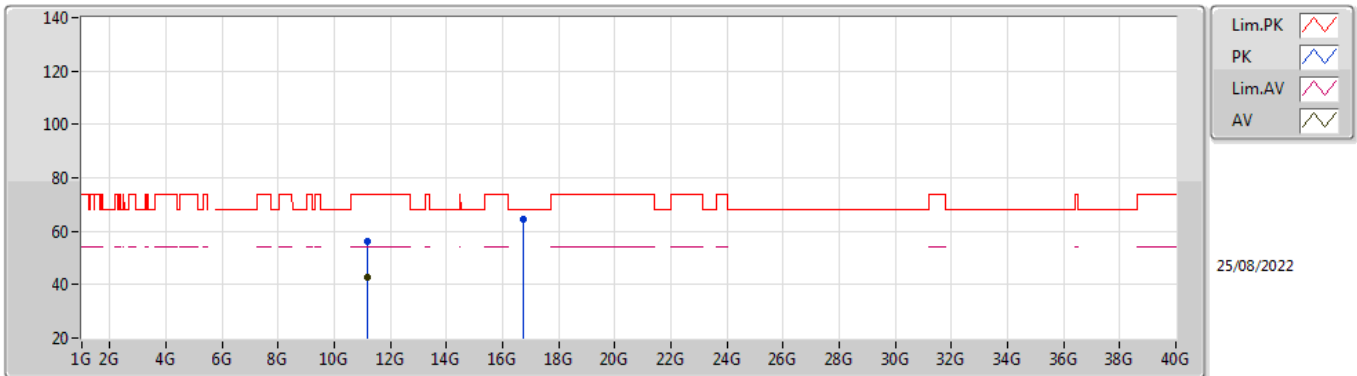


EUT\_V\_2TX  
Setting 116  
01-C-R-5-10

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	5.4368G	59.80	74.00	-14.20	52.46	3	Horizontal	360	2.61	-	33.57	6.44	32.67
AV	5.4504G	47.49	54.00	-6.51	40.00	3	Horizontal	360	2.61	-	33.70	6.45	32.66
PK	5.4688G	60.08	68.20	-8.12	52.56	3	Horizontal	360	2.61	-	33.70	6.47	32.65
PK	5.5768G	117.08	Inf	-Inf	109.32	3	Horizontal	360	2.61	-	33.85	6.58	32.67
AV	5.5752G	107.00	Inf	-Inf	99.24	3	Horizontal	360	2.61	-	33.85	6.58	32.67
PK	5.7368G	60.81	68.20	-7.39	52.65	3	Horizontal	360	2.61	-	34.29	6.60	32.73

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5580MHz\_TnomVnom

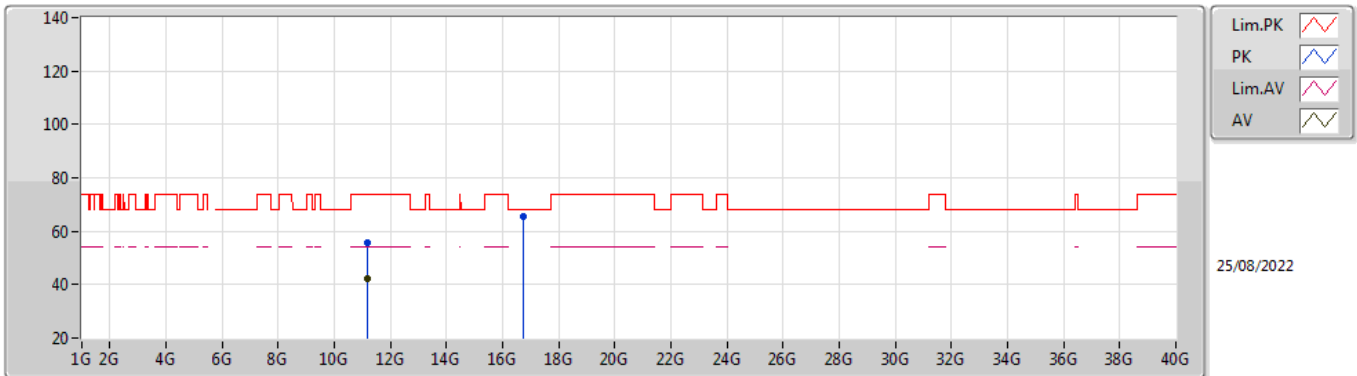


EUT Y\_2TX  
Setting 116  
01-C-B-5

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	11.16252G	56.44	74.00	-17.56	41.25	3	Vertical	187	1.77	-	38.34	8.79	31.94
AV	11.16056G	42.66	54.00	-11.34	27.47	3	Vertical	187	1.77	-	38.34	8.79	31.94
PK	16.74372G	64.66	68.20	-3.54	42.86	3	Vertical	339	1.80	-	40.44	10.72	29.36

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5580MHz\_TnomVnom

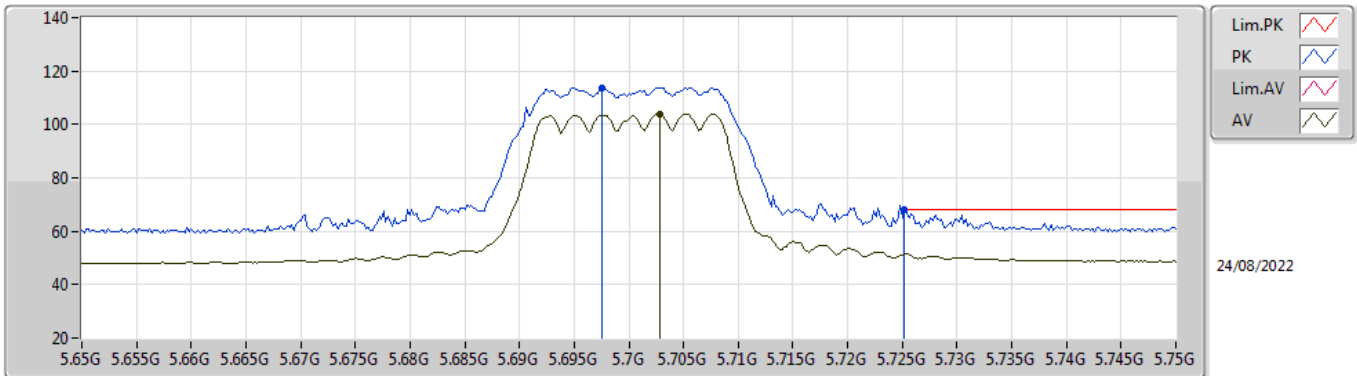


EUT Y\_2TX  
Setting 116  
01-C-B-5

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	11.16032G	55.64	74.00	-18.36	40.45	3	Horizontal	305	1.53	-	38.34	8.79	31.94
AV	11.1567G	42.49	54.00	-11.51	27.31	3	Horizontal	305	1.53	-	38.34	8.79	31.95
PK	16.7246G	65.74	68.20	-2.46	43.93	3	Horizontal	229	1.58	-	40.42	10.72	29.33

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5700MHz\_TnomVnom

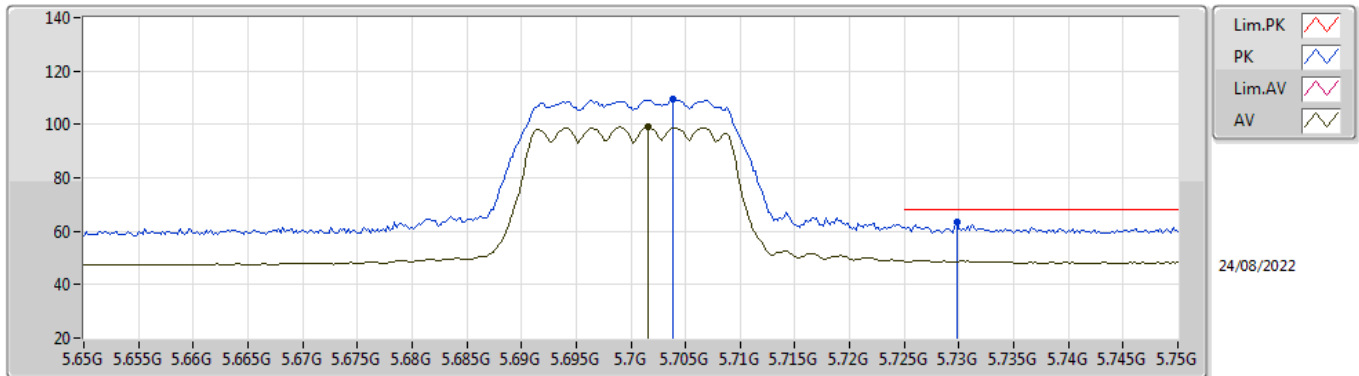


EUT Y\_2TX  
Setting 72  
01-C-R-5-10

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	5.6976G	113.85	Inf	-Inf	105.97	3	Vertical	320	1.75	-	34.00	6.60	32.72
AV	5.7028G	103.94	Inf	-Inf	96.04	3	Vertical	320	1.75	-	34.02	6.60	32.72
PK	5.7252G	68.09	68.20	-0.11	60.02	3	Vertical	320	1.75	-	34.20	6.60	32.73

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5700MHz\_TnomVnom

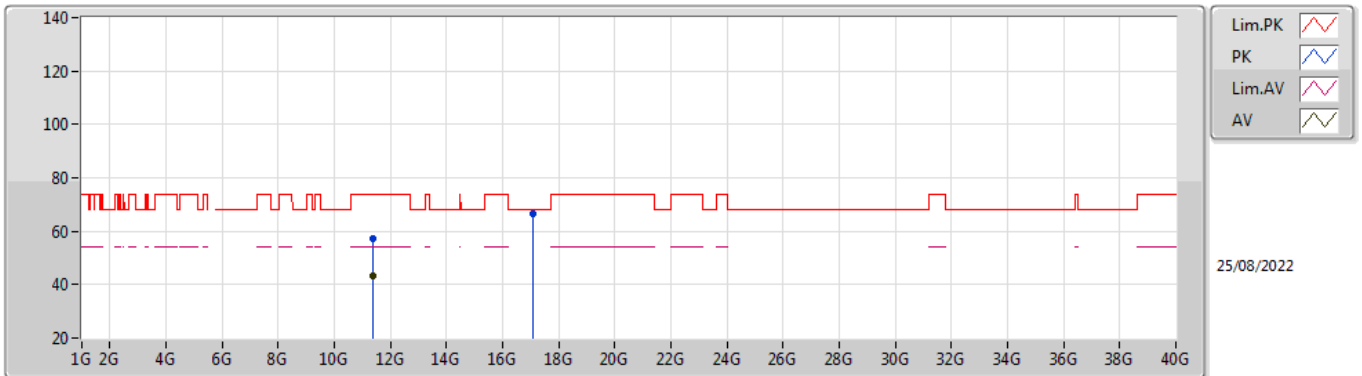


EUT Y\_2TX  
Setting 72  
01-C-R-5-10

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	5.7038G	109.68	Inf	-Inf	101.77	3	Horizontal	344	2.40	-	34.03	6.60	32.72
AV	5.7016G	98.90	Inf	-Inf	91.01	3	Horizontal	344	2.40	-	34.01	6.60	32.72
PK	5.7298G	63.29	68.20	-4.91	55.18	3	Horizontal	344	2.40	-	34.24	6.60	32.73

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5700MHz\_TnomVnom



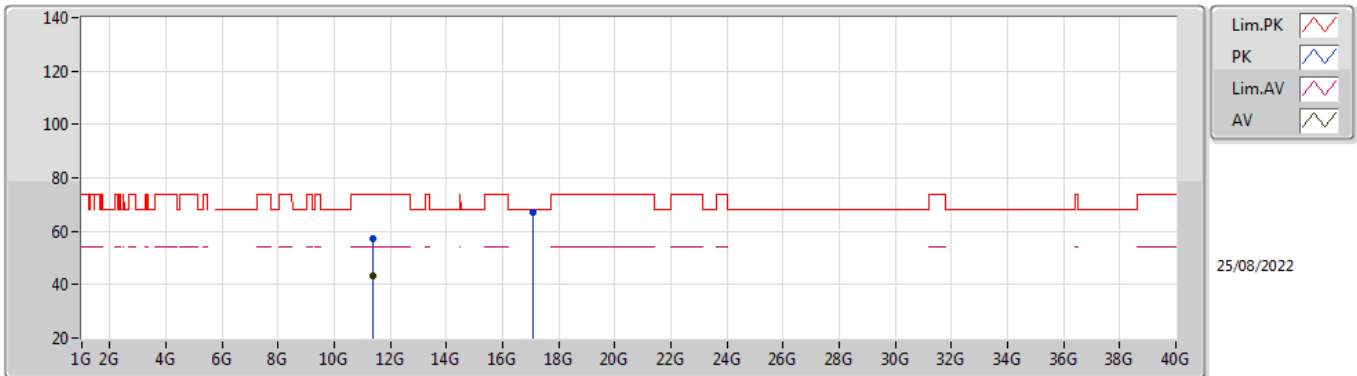
EUT Y\_2TX  
Setting 72  
01-C-B-5

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	11.39998G	57.09	74.00	-16.91	41.64	3	Vertical	169	1.24	-	38.40	8.85	31.80
AV	11.39562G	43.40	54.00	-10.60	27.95	3	Vertical	169	1.24	-	38.40	8.85	31.80
PK	17.10264G	66.43	68.20	-1.77	44.16	3	Vertical	37	1.28	-	41.41	10.83	29.97



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

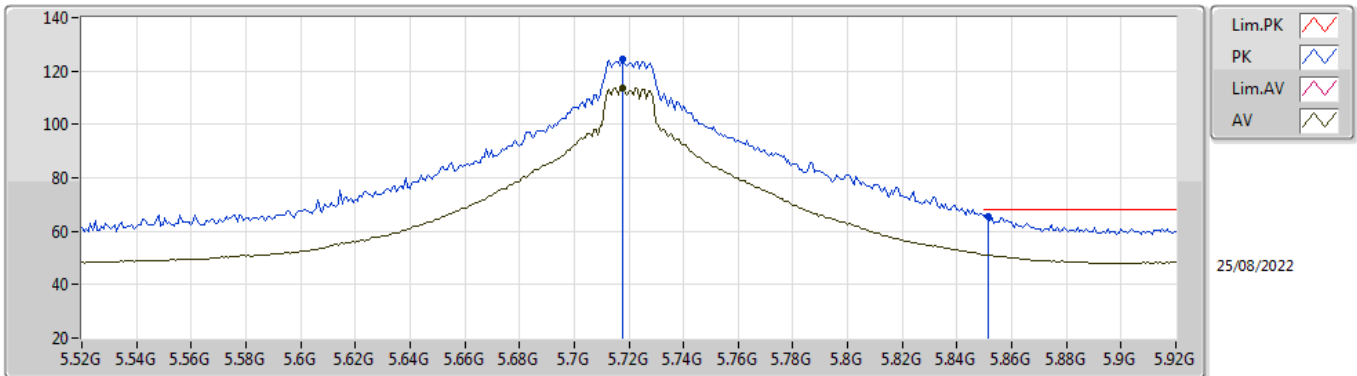
### 5700MHz\_TnomVnom



EUT Y\_2TX  
Setting 72  
01-C-B-5

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	11.39808G	57.22	74.00	-16.78	41.77	3	Horizontal	168	2.54	-	38.40	8.85	31.80
AV	11.39898G	43.38	54.00	-10.62	27.93	3	Horizontal	168	2.54	-	38.40	8.85	31.80
PK	17.0808G	66.99	68.20	-1.21	44.77	3	Horizontal	99	1.80	-	41.34	10.82	29.94

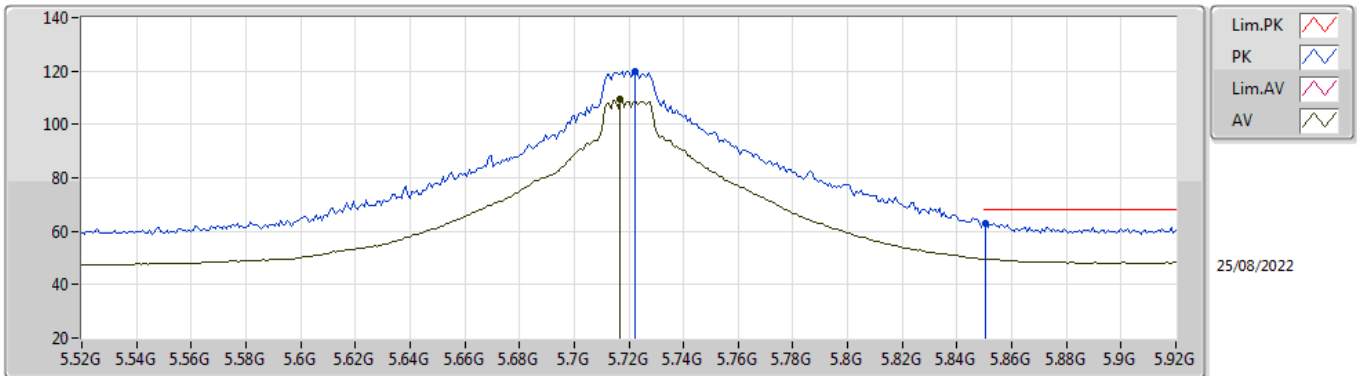
**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUT Y\_2TX  
 Setting 120  
 01-C-R-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	5.7176G	124.37	Inf	-Inf	116.36	3	Vertical	323	1.78	-	34.14	6.60	32.73
AV	5.7176G	113.63	Inf	-Inf	105.62	3	Vertical	323	1.78	-	34.14	6.60	32.73
PK	5.8512G	65.63	68.20	-2.57	57.01	3	Vertical	323	1.78	-	34.80	6.60	32.78

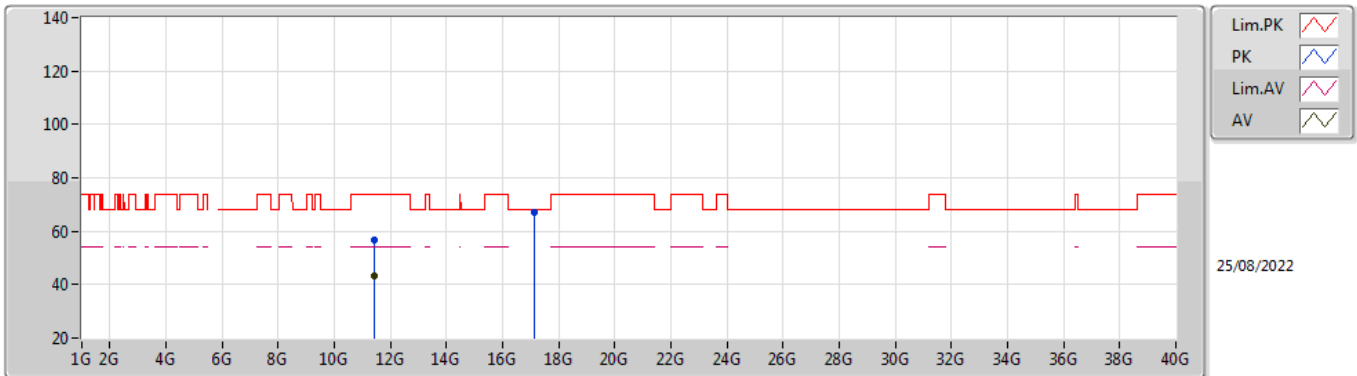
**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUT Y\_2TX  
 Setting 120  
 01-C-R-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	5.7224G	119.85	Inf	-Inf	111.80	3	Horizontal	336	3.00	-	34.18	6.60	32.73
AV	5.7168G	109.33	Inf	-Inf	101.33	3	Horizontal	336	3.00	-	34.13	6.60	32.73
PK	5.8504G	63.09	68.20	-5.11	54.47	3	Horizontal	336	3.00	-	34.80	6.60	32.78

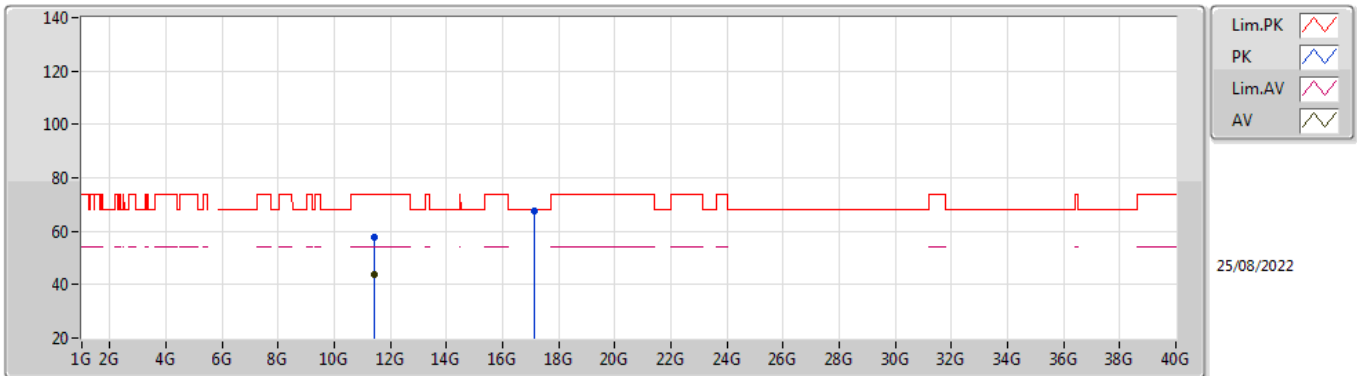
**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUT Y\_2TX  
 Setting 120  
 01-C-R-5

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	11.4167G	56.72	74.00	-17.28	41.26	3	Vertical	133	2.08	-	38.40	8.85	31.79
AV	11.4176G	43.53	54.00	-10.47	28.07	3	Vertical	133	2.08	-	38.40	8.85	31.79
PK	17.1367G	67.02	68.20	-1.18	44.73	3	Vertical	360	2.20	-	41.47	10.84	30.02

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TnomVnom**

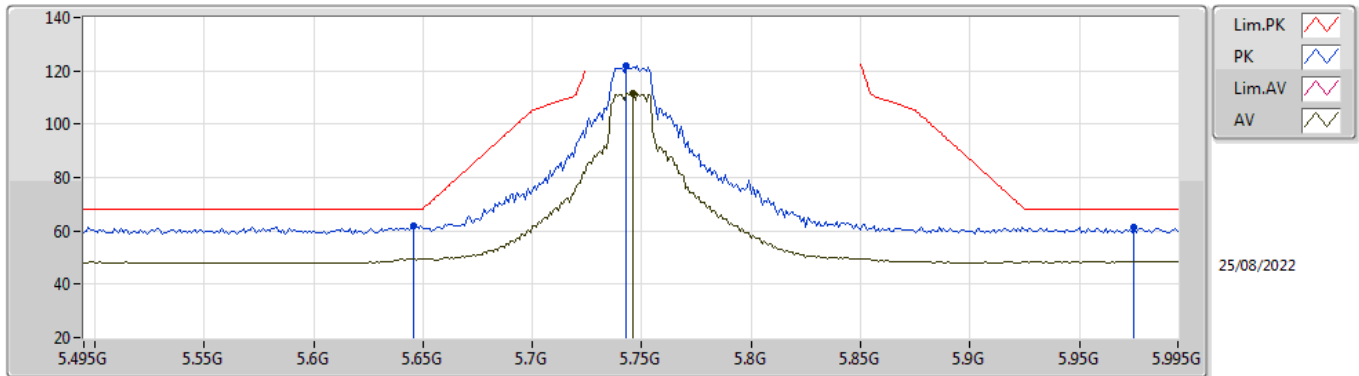


EUT Y\_2TX  
 Setting 120  
 01-C-R-5

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	11.4323G	57.71	74.00	-16.29	42.23	3	Horizontal	47	1.08	-	38.40	8.86	31.78
AV	11.4191G	43.54	54.00	-10.46	28.08	3	Horizontal	47	1.08	-	38.40	8.85	31.79
PK	17.1529G	67.67	68.20	-0.53	45.36	3	Horizontal	209	1.80	-	41.51	10.85	30.05

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5745MHz\_TnomVnom

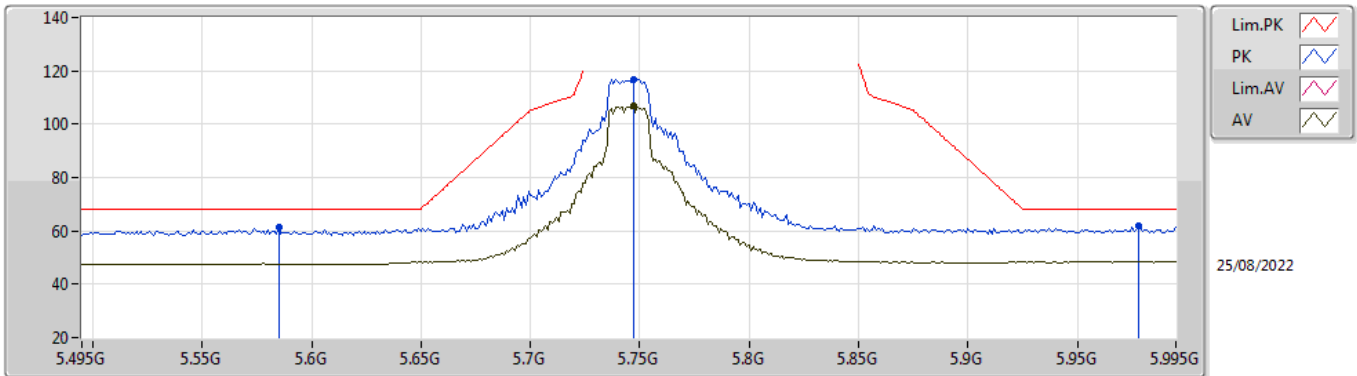


EUT Y\_2TX  
Setting 112  
01-C-R-5-10

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	5.646G	61.87	68.20	-6.33	53.89	3	Vertical	342	1.78	-	34.08	6.60	32.70
PK	5.743G	121.96	Inf	-Inf	113.76	3	Vertical	342	1.78	-	34.34	6.60	32.74
AV	5.746G	111.62	Inf	-Inf	103.39	3	Vertical	342	1.78	-	34.37	6.60	32.74
PK	5.975G	61.34	68.20	-6.86	52.37	3	Vertical	342	1.78	-	35.20	6.60	32.83

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5745MHz\_TnomVnom

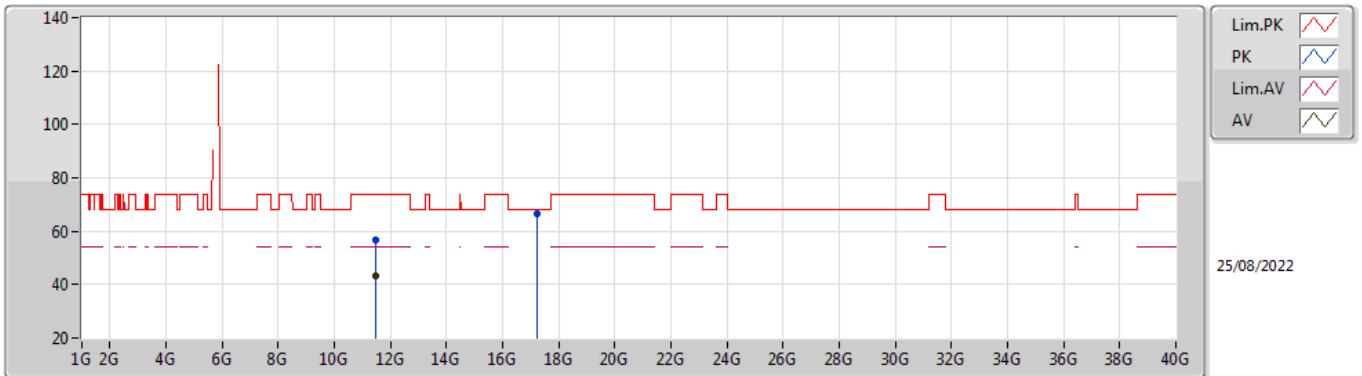


EUT Y\_2TX  
Setting 112  
01-C-R-5-10

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	5.585G	61.16	68.20	-7.04	53.42	3	Horizontal	340	2.39	-	33.83	6.58	32.67
PK	5.747G	116.94	Inf	-Inf	108.70	3	Horizontal	340	2.39	-	34.38	6.60	32.74
AV	5.747G	106.84	Inf	-Inf	98.60	3	Horizontal	340	2.39	-	34.38	6.60	32.74
PK	5.978G	61.90	68.20	-6.30	52.92	3	Horizontal	340	2.39	-	35.21	6.60	32.83

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5745MHz\_TnomVnom



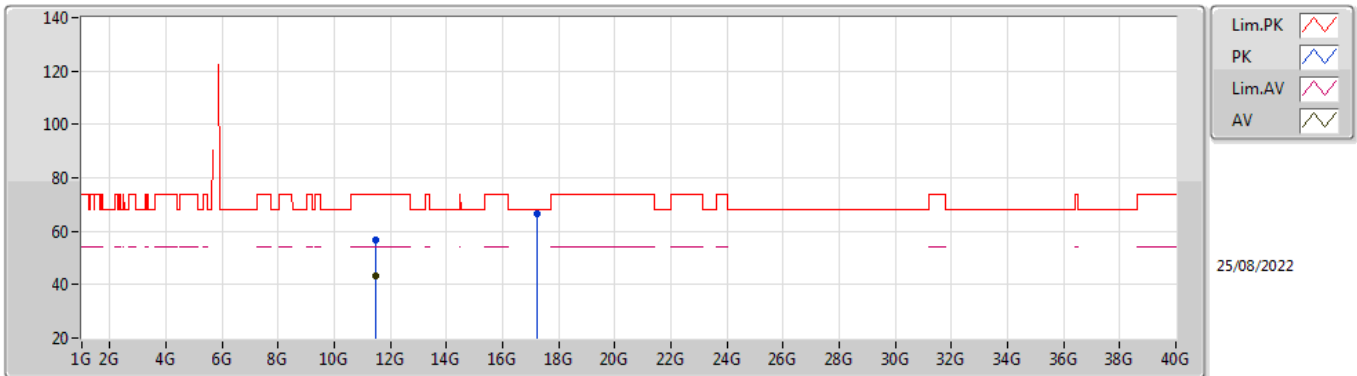
EUT Y\_2TX  
Setting 112  
01-C-R-5

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	11.49268G	56.89	74.00	-17.11	41.36	3	Vertical	197	1.30	-	38.40	8.87	31.74
AV	11.48856G	43.19	54.00	-10.81	27.67	3	Vertical	197	1.30	-	38.40	8.87	31.75
PK	17.23796G	66.55	68.20	-1.65	44.07	3	Vertical	328	1.33	-	41.79	10.87	30.18



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5745MHz\_TnomVnom

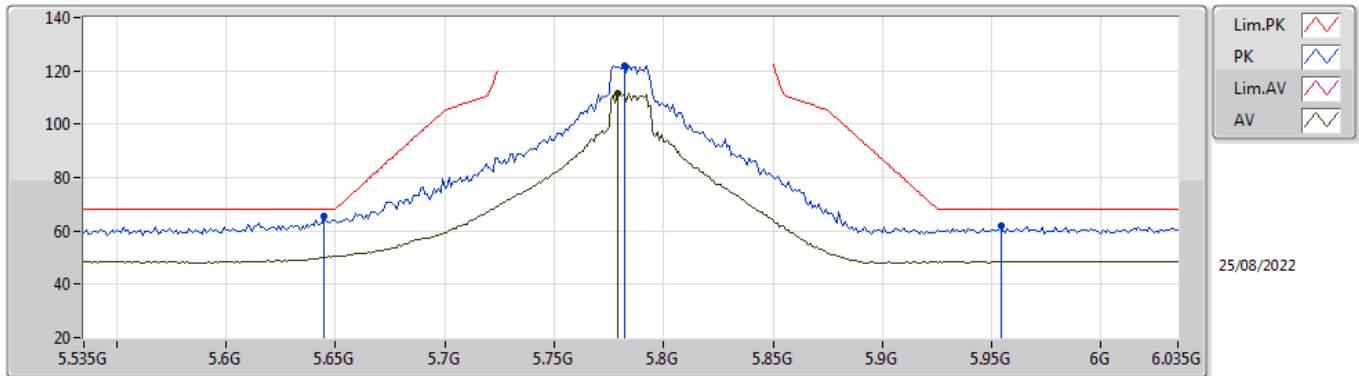


EUT Y\_2TX  
Setting 112  
01-C-B-5

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	11.49038G	56.67	74.00	-17.33	41.15	3	Horizontal	209	2.79	-	38.40	8.87	31.75
AV	11.4921G	43.16	54.00	-10.84	27.63	3	Horizontal	209	2.79	-	38.40	8.87	31.74
PK	17.233G	66.42	68.20	-1.78	43.95	3	Horizontal	134	2.24	-	41.77	10.87	30.17

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5785MHz\_TnomVnom

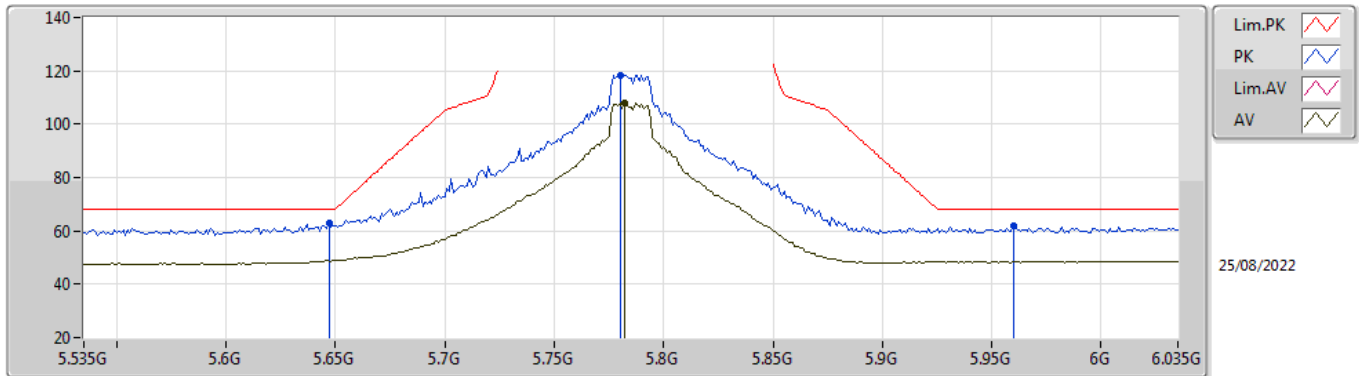


EUT Y\_2TX  
Setting 115  
01-C-R-5-10

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	5.645G	65.31	68.20	-2.89	57.34	3	Vertical	334	1.80	-	34.07	6.60	32.70
PK	5.782G	122.05	Inf	-Inf	113.80	3	Vertical	334	1.80	-	34.40	6.60	32.75
AV	5.779G	111.74	Inf	-Inf	103.49	3	Vertical	334	1.80	-	34.40	6.60	32.75
PK	5.954G	62.09	68.20	-6.11	53.19	3	Vertical	334	1.80	-	35.12	6.60	32.82

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5785MHz\_TnomVnom

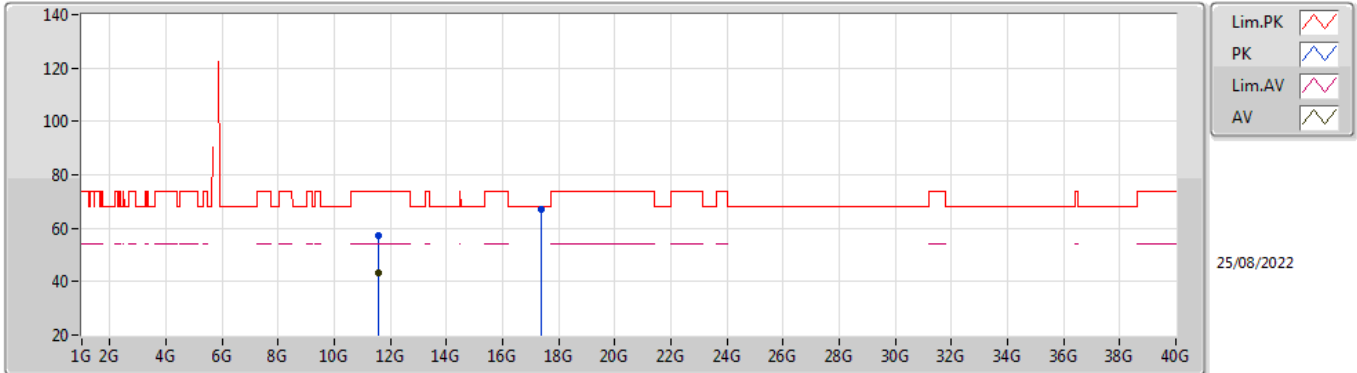


EUT Y\_2TX  
Setting 115  
01-C-R-5-10

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	5.647G	63.09	68.20	-5.11	55.11	3	Horizontal	338	2.55	-	34.08	6.60	32.70
PK	5.78G	118.53	Inf	-Inf	110.28	3	Horizontal	338	2.55	-	34.40	6.60	32.75
AV	5.782G	107.87	Inf	-Inf	99.62	3	Horizontal	338	2.55	-	34.40	6.60	32.75
PK	5.96G	62.02	68.20	-6.18	53.10	3	Horizontal	338	2.55	-	35.14	6.60	32.82

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5785MHz\_TnomVnom

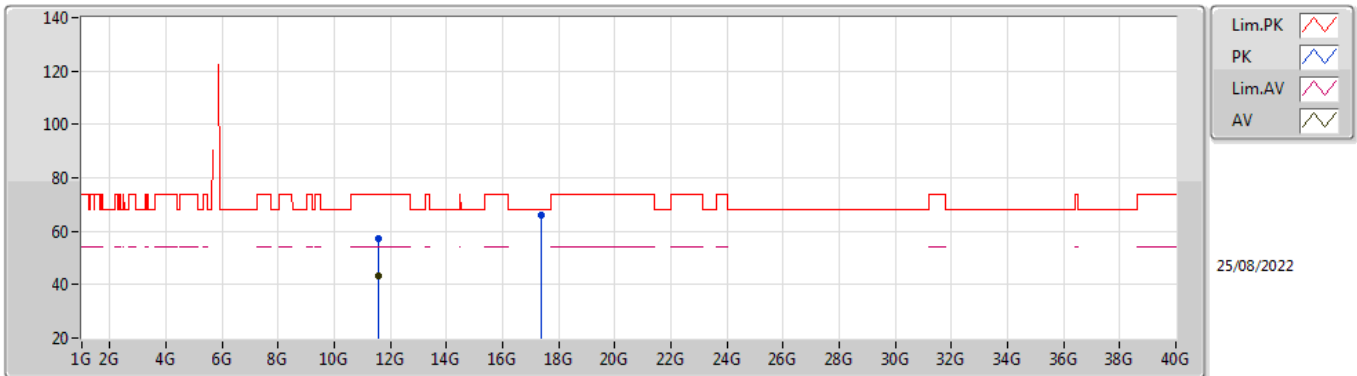


EUT Y\_2TX  
Setting 115  
01-C-B-5

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	11.57182G	57.22	74.00	-16.78	41.50	3	Vertical	336	1.34	-	38.54	8.89	31.71
AV	11.56994G	43.26	54.00	-10.74	27.54	3	Vertical	336	1.34	-	38.54	8.89	31.71
PK	17.35316G	67.25	68.20	-0.95	44.55	3	Vertical	205	1.68	-	42.15	10.91	30.36

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5785MHz\_TnomVnom

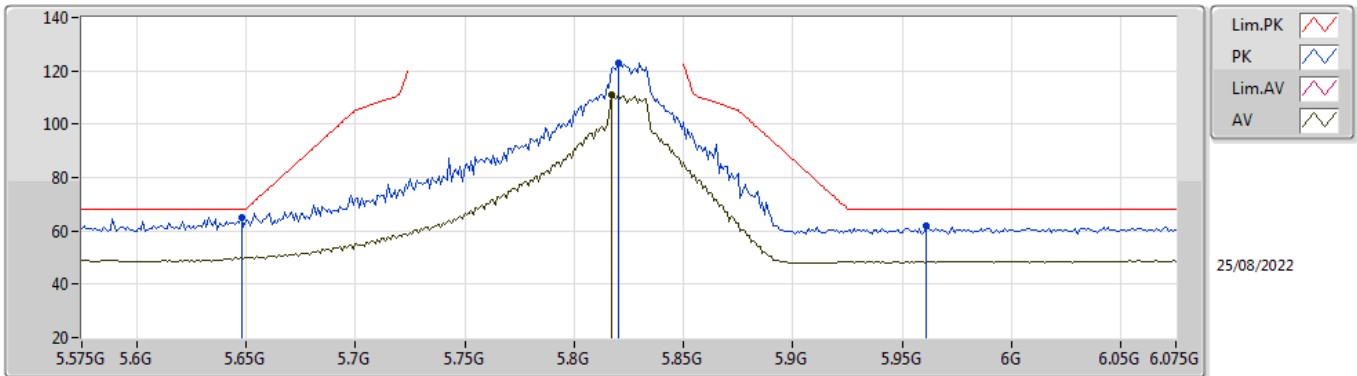


EUT Y\_2TX  
Setting 115  
01-C-B-5

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	11.5695G	57.02	74.00	-16.98	41.30	3	Horizontal	105	2.39	-	38.54	8.89	31.71
AV	11.57002G	43.30	54.00	-10.70	27.58	3	Horizontal	105	2.39	-	38.54	8.89	31.71
PK	17.35782G	65.84	68.20	-2.36	43.14	3	Horizontal	178	1.03	-	42.16	10.91	30.37

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5825MHz\_TnomVnom

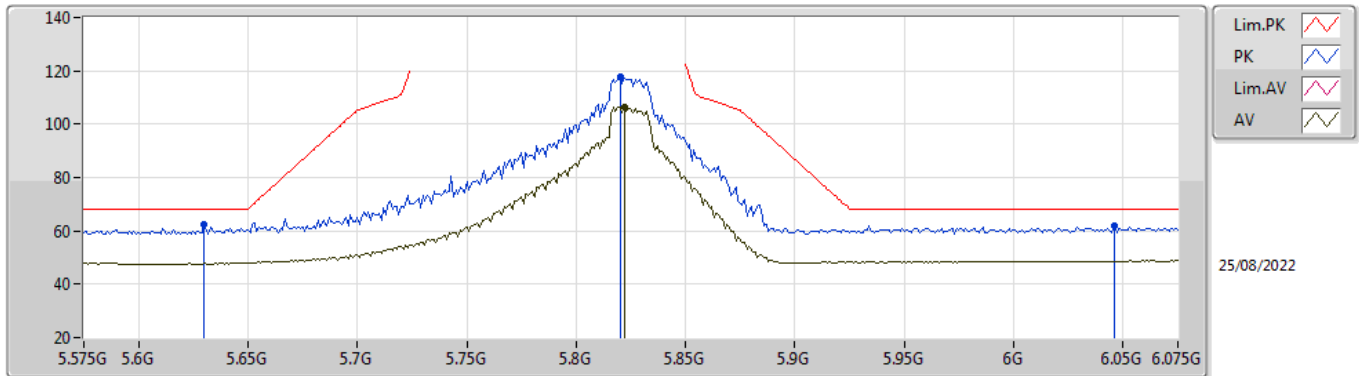


EUT Y\_2TX  
Setting 120  
01-C-R-5-10

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	5.648G	64.79	68.20	-3.41	56.80	3	Vertical	323	1.80	-	34.09	6.60	32.70
PK	5.82G	123.07	Inf	-Inf	114.68	3	Vertical	323	1.80	-	34.56	6.60	32.77
AV	5.817G	111.00	Inf	-Inf	102.63	3	Vertical	323	1.80	-	34.54	6.60	32.77
PK	5.961G	61.66	68.20	-6.54	52.74	3	Vertical	323	1.80	-	35.14	6.60	32.82

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5825MHz\_TnomVnom

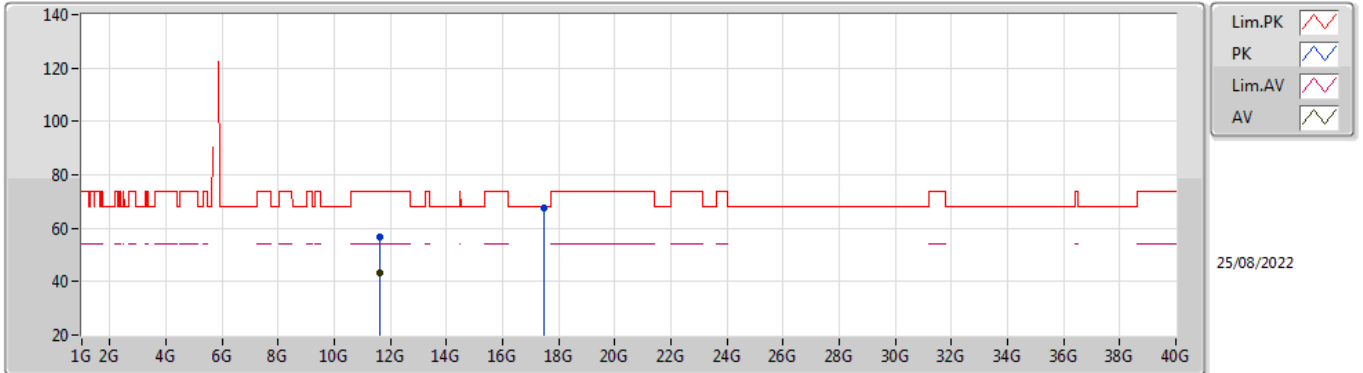


EUT Y\_2TX  
Setting 120  
01-C-R-5-10

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	5.63G	62.29	68.20	-5.91	54.40	3	Horizontal	339	2.52	-	33.98	6.60	32.69
PK	5.82G	117.68	Inf	-Inf	109.29	3	Horizontal	339	2.52	-	34.56	6.60	32.77
AV	5.822G	106.47	Inf	-Inf	98.06	3	Horizontal	339	2.52	-	34.58	6.60	32.77
PK	6.046G	61.68	68.20	-6.52	52.64	3	Horizontal	339	2.52	-	35.21	6.67	32.84

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5825MHz\_TnomVnom



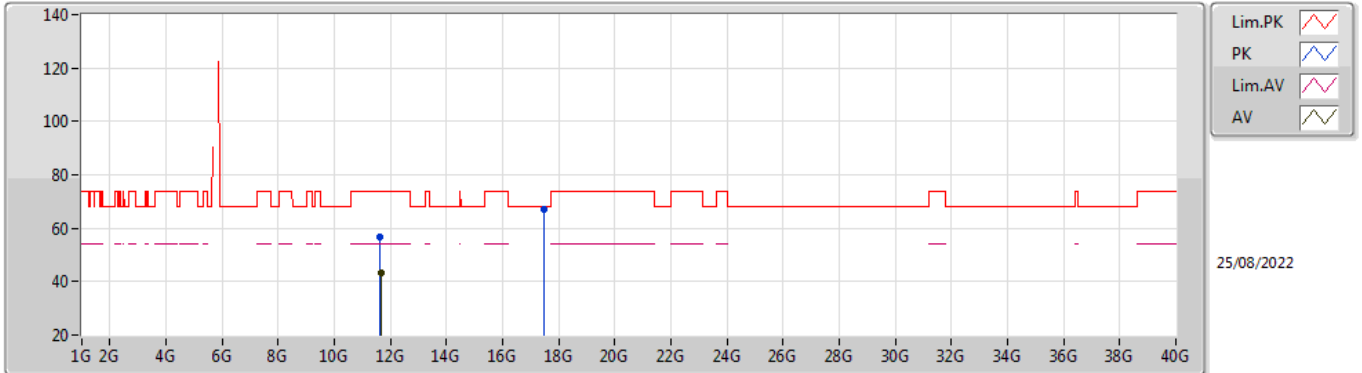
EUT Y\_2TX  
Setting 120  
01-C-R-5

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	11.6345G	56.65	74.00	-17.35	40.83	3	Vertical	261	2.28	-	38.60	8.91	31.69
AV	11.6429G	43.39	54.00	-10.61	27.56	3	Vertical	261	2.28	-	38.60	8.91	31.68
PK	17.4672G	67.35	68.20	-0.85	44.68	3	Vertical	25	1.80	-	42.27	10.94	30.54



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5825MHz\_TnomVnom

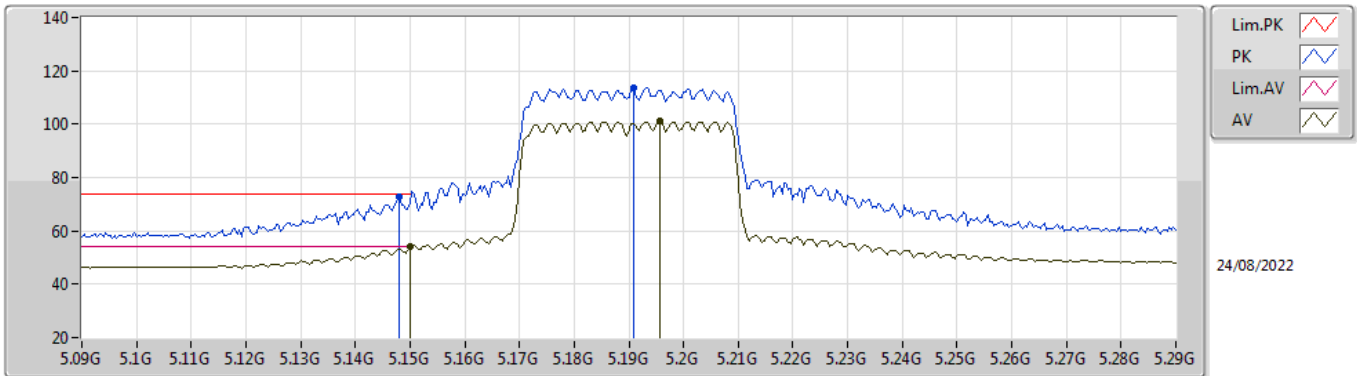


EUT Y\_2TX  
Setting 120  
01-C-R-5

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	11.6464G	56.79	74.00	-17.21	40.96	3	Horizontal	204	1.98	-	38.60	8.91	31.68
AV	11.6503G	43.33	54.00	-10.67	27.50	3	Horizontal	204	1.98	-	38.60	8.91	31.68
PK	17.4739G	66.96	68.20	-1.24	44.30	3	Horizontal	100	1.41	-	42.27	10.94	30.55

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5190MHz\_TnomVnom

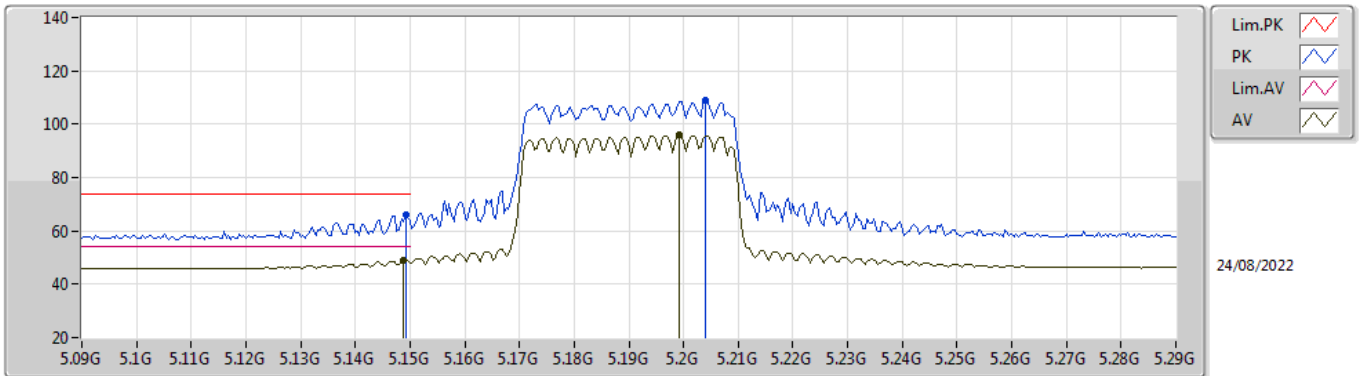


EUT Y\_2TX  
Setting 78  
01-C-R-5-10

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	5.148G	72.71	74.00	-1.29	66.43	3	Vertical	219	1.80	-	32.70	6.37	32.79
AV	5.15G	53.95	54.00	-0.05	47.67	3	Vertical	219	1.80	-	32.70	6.37	32.79
PK	5.1908G	113.59	Inf	-Inf	107.26	3	Vertical	219	1.80	-	32.70	6.40	32.77
AV	5.1956G	101.28	Inf	-Inf	94.95	3	Vertical	219	1.80	-	32.70	6.40	32.77

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5190MHz\_TnomVnom

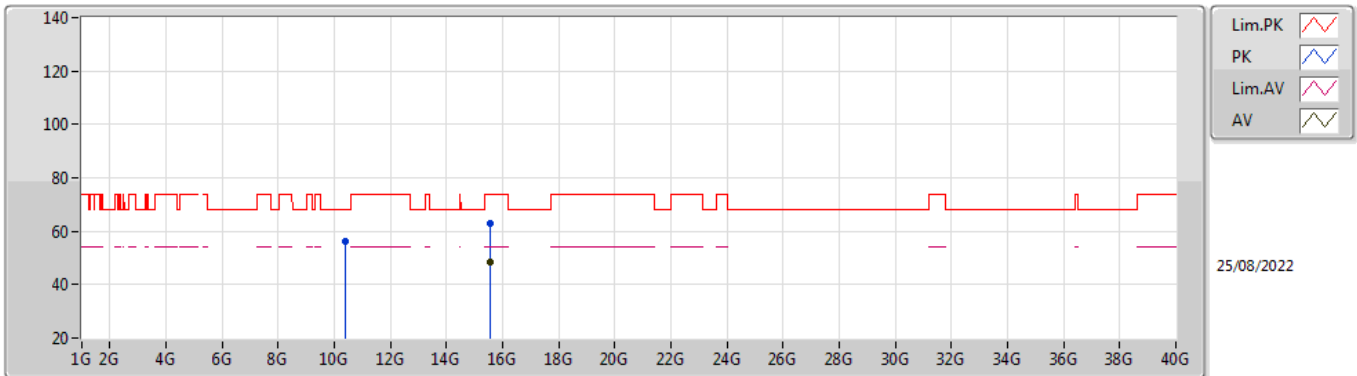


EUT Y\_2TX  
Setting 78  
01-C-R-5-10

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	5.1492G	65.83	74.00	-8.17	59.55	3	Horizontal	267	1.80	-	32.70	6.37	32.79
AV	5.1488G	49.14	54.00	-4.86	42.86	3	Horizontal	267	1.80	-	32.70	6.37	32.79
PK	5.204G	108.79	Inf	-Inf	102.44	3	Horizontal	267	1.80	-	32.71	6.40	32.76
AV	5.1992G	95.84	Inf	-Inf	89.51	3	Horizontal	267	1.80	-	32.70	6.40	32.77

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5190MHz\_TnomVnom

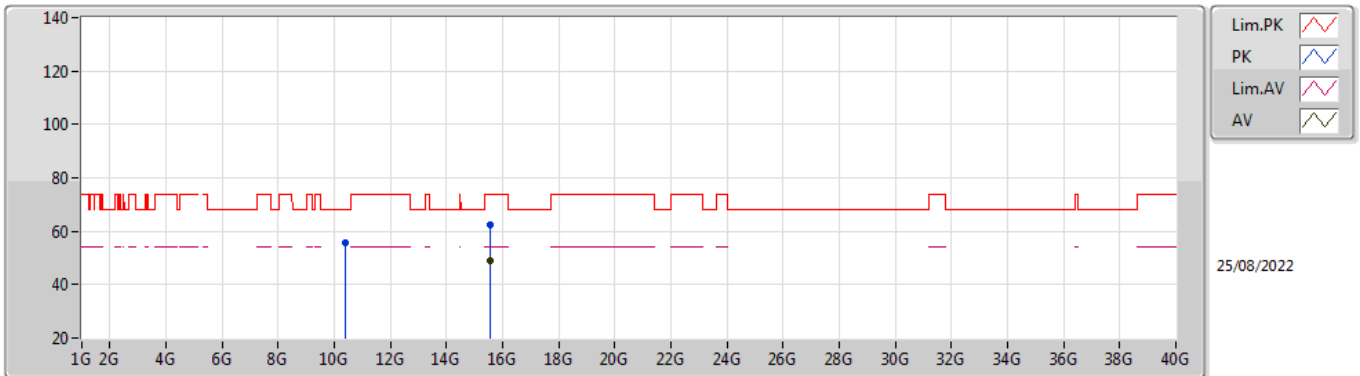


EUT Y\_2TX  
Setting 78  
01-C-B-5

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	10.37986G	56.01	68.20	-12.19	40.79	3	Vertical	359	2.20	-	38.40	8.59	31.77
PK	15.57322G	62.90	74.00	-11.10	45.33	3	Vertical	37	1.39	-	37.91	10.37	30.71
AV	15.57282G	48.68	54.00	-5.32	31.11	3	Vertical	37	1.39	-	37.91	10.37	30.71

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5190MHz\_TnomVnom

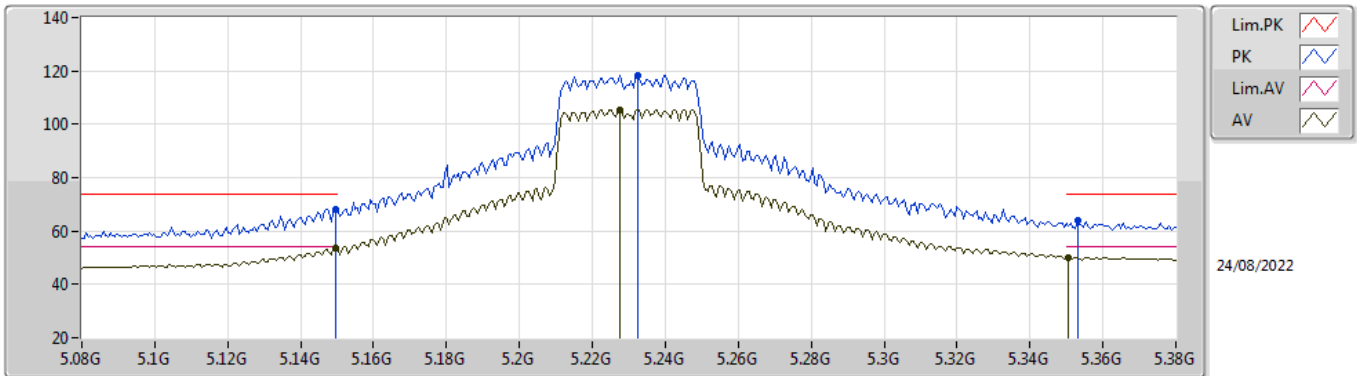


EUT Y\_2TX  
Setting 78  
01-C-B-5

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	10.37508G	55.56	68.20	-12.64	40.34	3	Horizontal	260	2.32	-	38.40	8.59	31.77
PK	15.5651G	62.35	74.00	-11.65	44.75	3	Horizontal	337	2.43	-	37.94	10.37	30.71
AV	15.57334G	48.78	54.00	-5.22	31.21	3	Horizontal	337	2.43	-	37.91	10.37	30.71

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5230MHz\_TnomVnom

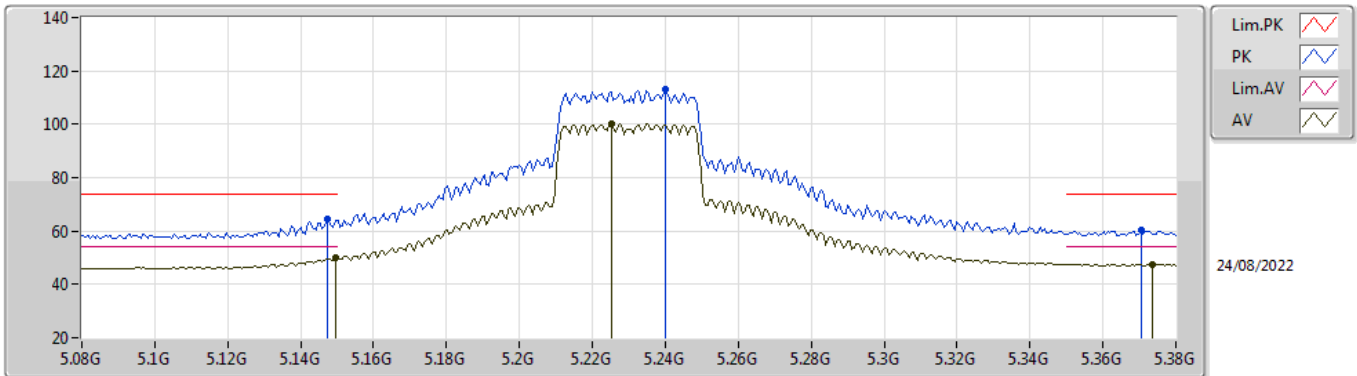


EUT\_V\_2TX  
Setting 98  
01-C-R-5-10

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	5.1496G	68.26	74.00	-5.74	61.98	3	Vertical	209	1.80	-	32.70	6.37	32.79
AV	5.1496G	53.87	54.00	-0.13	47.59	3	Vertical	209	1.80	-	32.70	6.37	32.79
PK	5.2324G	118.52	Inf	-Inf	112.11	3	Vertical	209	1.80	-	32.76	6.40	32.75
AV	5.2276G	105.56	Inf	-Inf	99.15	3	Vertical	209	1.80	-	32.76	6.40	32.75
PK	5.353G	64.19	74.00	-9.81	57.48	3	Vertical	209	1.80	-	33.01	6.40	32.70
AV	5.3506G	50.07	54.00	-3.93	43.37	3	Vertical	209	1.80	-	33.00	6.40	32.70

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 5230MHz\_TnomVnom

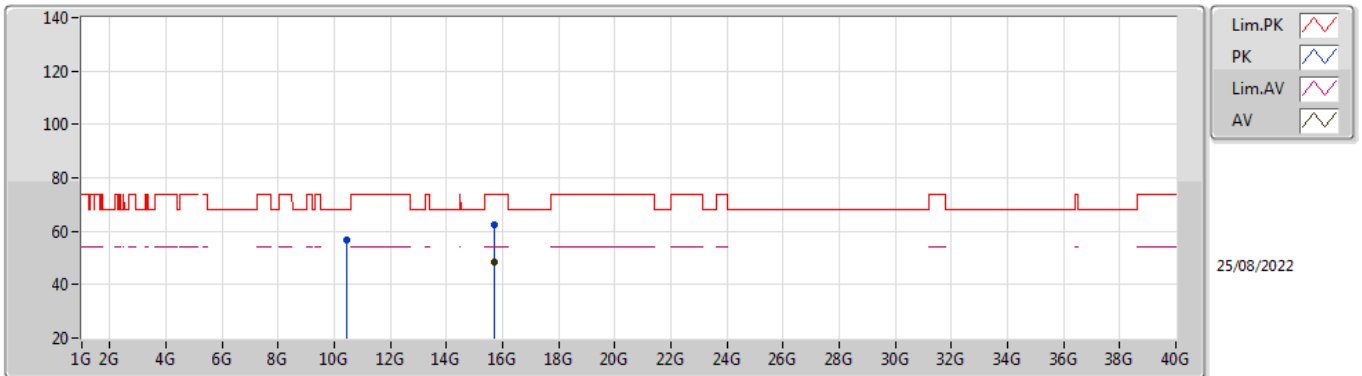


EUT\_V\_2TX  
Setting 98  
01-C-R-5-10

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	5.1472G	64.35	74.00	-9.65	58.06	3	Horizontal	185	1.60	-	32.71	6.37	32.79
AV	5.1496G	50.03	54.00	-3.97	43.75	3	Horizontal	185	1.60	-	32.70	6.37	32.79
PK	5.2402G	112.88	Inf	-Inf	106.45	3	Horizontal	185	1.60	-	32.78	6.40	32.75
AV	5.2252G	100.13	Inf	-Inf	93.74	3	Horizontal	185	1.60	-	32.75	6.40	32.76
PK	5.3704G	60.10	74.00	-13.90	53.31	3	Horizontal	185	1.60	-	33.08	6.40	32.69
AV	5.3734G	47.52	54.00	-6.48	40.72	3	Horizontal	185	1.60	-	33.09	6.40	32.69

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5230MHz\_TnomVnom



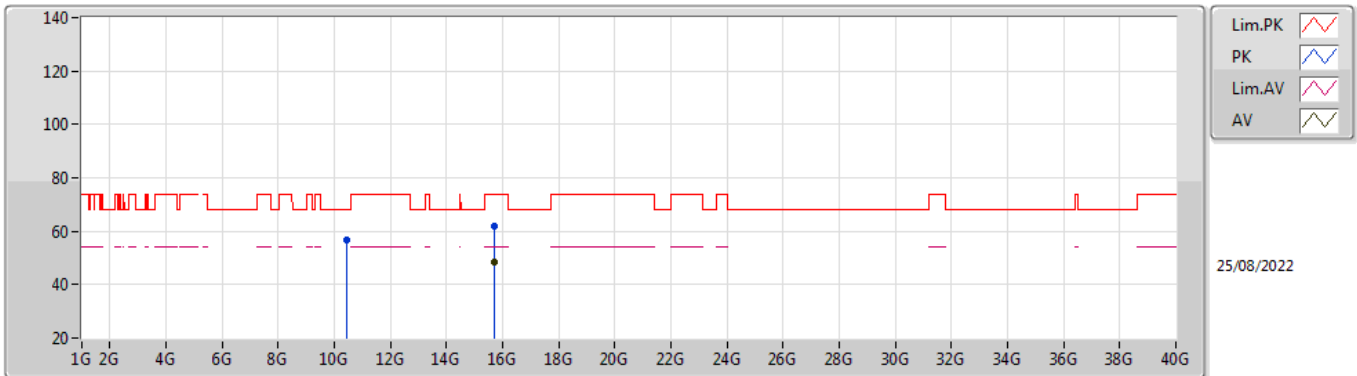
EUT Y\_2TX  
Setting 98  
01-C-B-5

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	10.46178G	56.88	68.20	-11.32	41.48	3	Vertical	278	1.92	-	38.46	8.62	31.68
PK	15.68794G	62.16	74.00	-11.84	44.71	3	Vertical	179	2.72	-	37.71	10.41	30.67
AV	15.69016G	48.51	54.00	-5.49	31.06	3	Vertical	179	2.72	-	37.71	10.41	30.67



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5230MHz\_TnomVnom

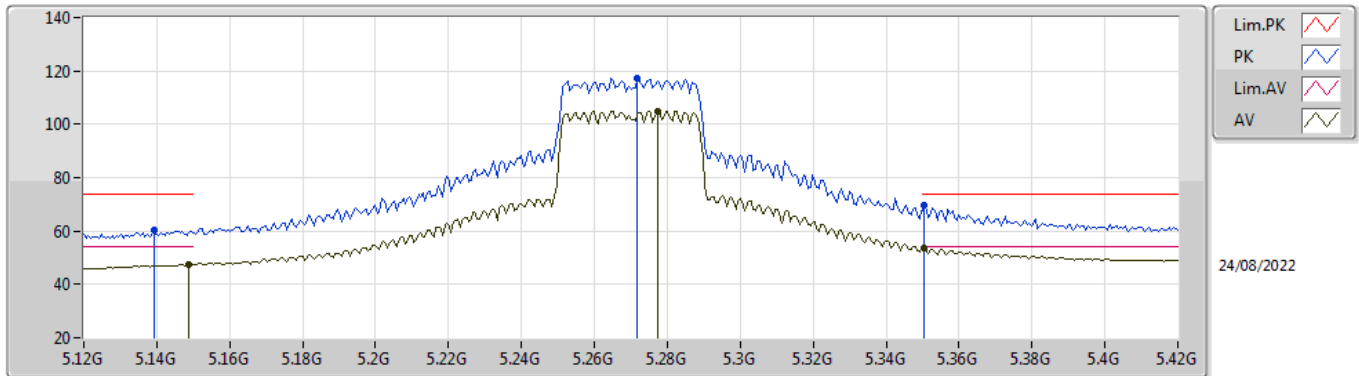


EUT Y\_2TX  
Setting 98  
01-C-B-5

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	10.46236G	56.63	68.20	-11.57	41.23	3	Horizontal	293	1.40	-	38.46	8.62	31.68
PK	15.68988G	61.85	74.00	-12.15	44.40	3	Horizontal	117	2.36	-	37.71	10.41	30.67
AV	15.69386G	48.57	54.00	-5.43	31.12	3	Horizontal	117	2.36	-	37.71	10.41	30.67

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5270MHz\_TnomVnom

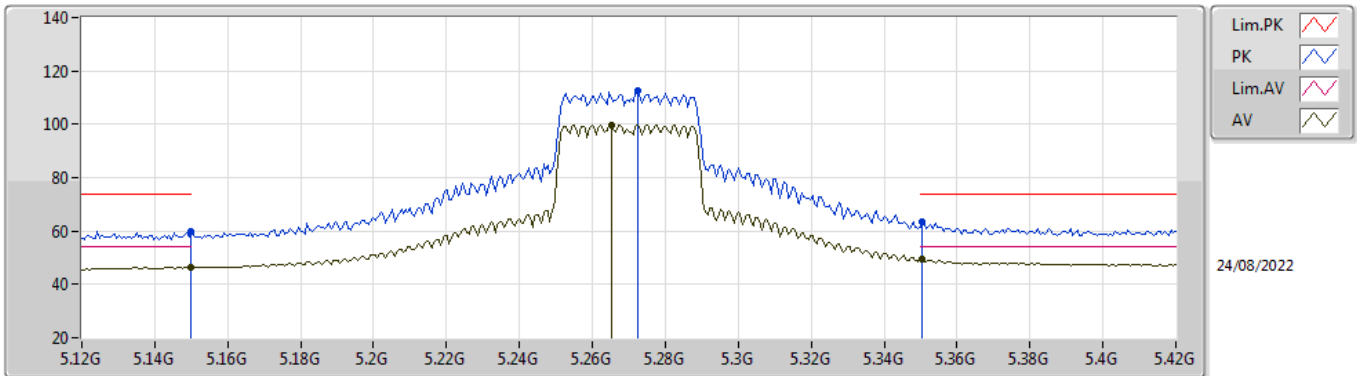


EUT\_V\_2TX  
Setting 95  
01-C-R-5-10

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	5.1392G	60.42	74.00	-13.58	54.12	3	Vertical	207	1.70	-	32.72	6.37	32.79
AV	5.1488G	47.48	54.00	-6.52	41.20	3	Vertical	207	1.70	-	32.70	6.37	32.79
PK	5.2718G	117.22	Inf	-Inf	110.72	3	Vertical	207	1.70	-	32.84	6.40	32.74
AV	5.2772G	104.93	Inf	-Inf	98.41	3	Vertical	207	1.70	-	32.85	6.40	32.73
PK	5.3504G	69.74	74.00	-4.26	63.04	3	Vertical	207	1.70	-	33.00	6.40	32.70
AV	5.3504G	53.67	54.00	-0.33	46.97	3	Vertical	207	1.70	-	33.00	6.40	32.70

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 5270MHz\_TnomVnom

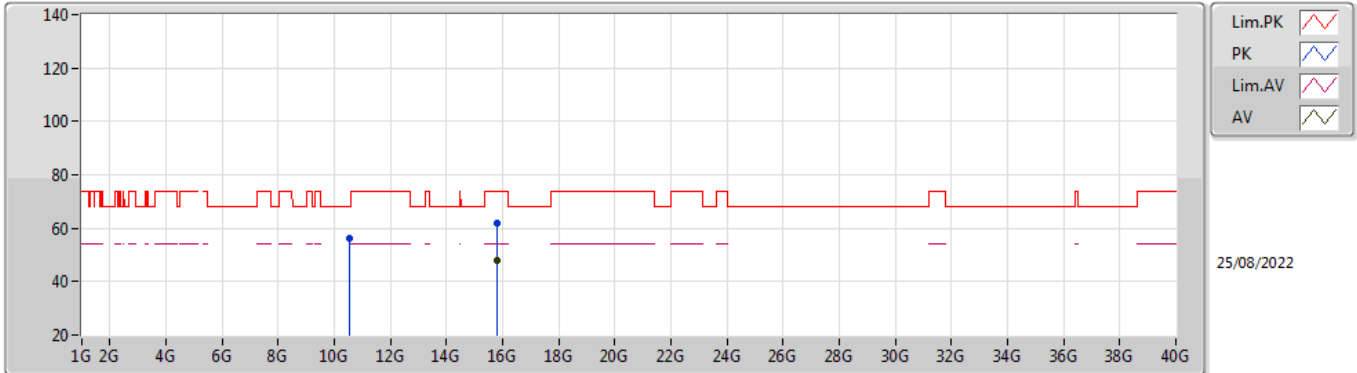


EUT V\_2TX  
Setting 95  
01-C-R-5-10

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	59.74	74.00	-14.26	53.46	3	Horizontal	184	1.80	-	32.70	6.37	32.79
AV	5.15G	46.34	54.00	-7.66	40.06	3	Horizontal	184	1.80	-	32.70	6.37	32.79
PK	5.2724G	112.53	Inf	-Inf	106.03	3	Horizontal	184	1.80	-	32.84	6.40	32.74
AV	5.2652G	99.85	Inf	-Inf	93.36	3	Horizontal	184	1.80	-	32.83	6.40	32.74
PK	5.3504G	63.60	74.00	-10.40	56.90	3	Horizontal	184	1.80	-	33.00	6.40	32.70
AV	5.3504G	49.47	54.00	-4.53	42.77	3	Horizontal	184	1.80	-	33.00	6.40	32.70

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5270MHz\_TnomVnom

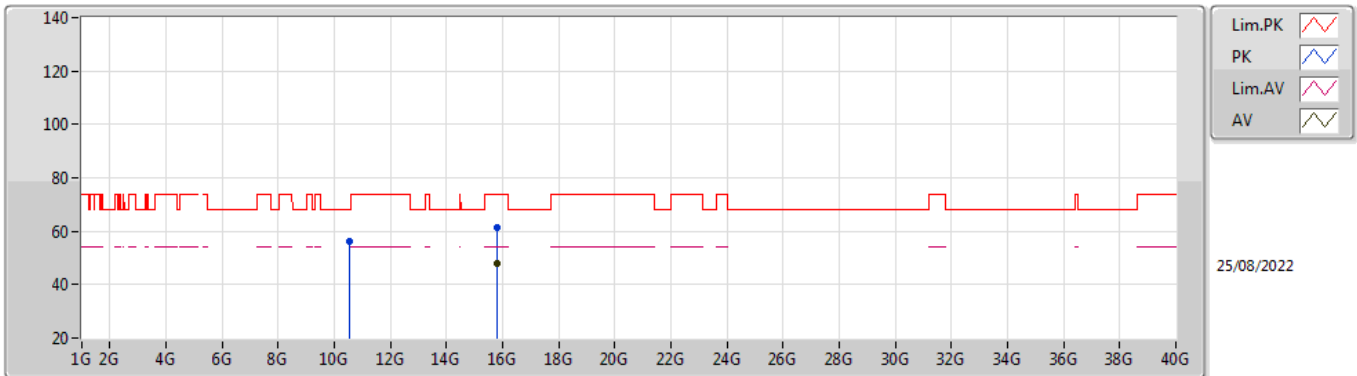


EUT Y\_2TX  
Setting 95  
01-C-R-5

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	10.54306G	56.24	68.20	-11.96	40.73	3	Vertical	159	1.71	-	38.54	8.64	31.67
PK	15.80854G	61.64	74.00	-12.36	43.53	3	Vertical	349	2.65	-	38.31	10.44	30.64
AV	15.80704G	47.92	54.00	-6.08	29.81	3	Vertical	349	2.65	-	38.31	10.44	30.64

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5270MHz\_TnomVnom

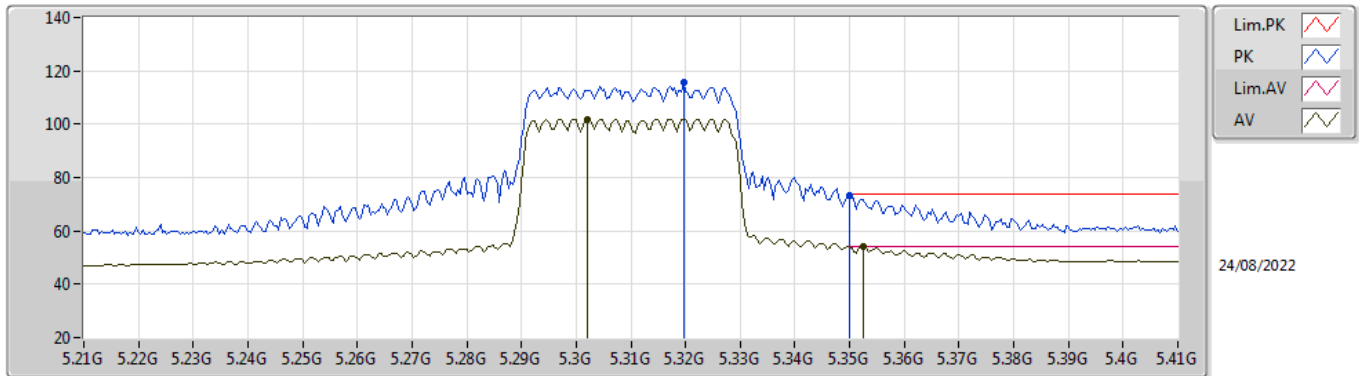


EUT Y\_2TX  
Setting 95  
01-C-R-5

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	10.54404G	56.21	68.20	-11.99	40.71	3	Horizontal	117	1.96	-	38.54	8.64	31.68
PK	15.80826G	61.13	74.00	-12.87	43.02	3	Horizontal	235	1.98	-	38.31	10.44	30.64
AV	15.80904G	47.90	54.00	-6.10	29.79	3	Horizontal	235	1.98	-	38.31	10.44	30.64

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5310MHz\_TnomVnom

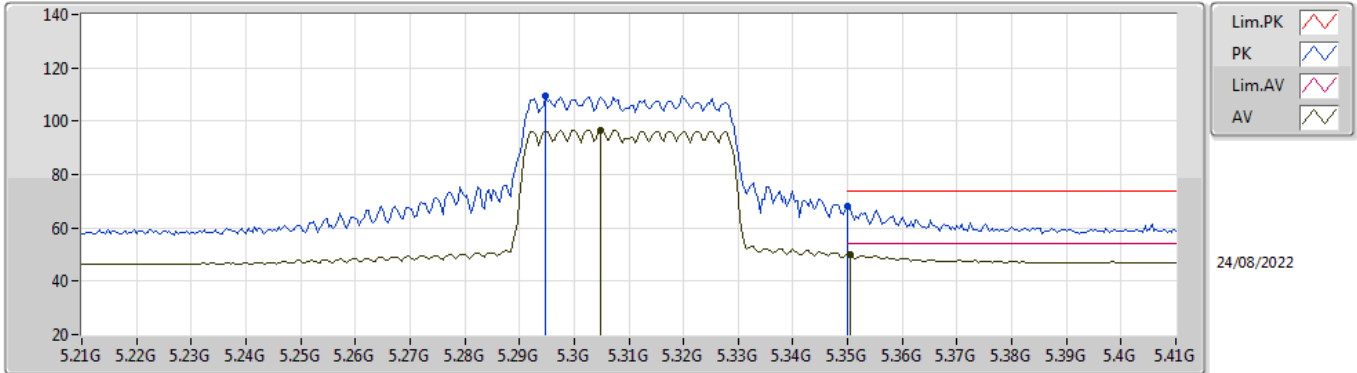


EUT Y\_2TX  
Setting 80  
01-C-R-5-10

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	5.3196G	115.45	Inf	-Inf	108.83	3	Vertical	204	1.80	-	32.94	6.40	32.72
AV	5.302G	101.94	Inf	-Inf	95.36	3	Vertical	204	1.80	-	32.90	6.40	32.72
PK	5.35G	73.15	74.00	-0.85	66.45	3	Vertical	204	1.80	-	33.00	6.40	32.70
AV	5.3524G	53.97	54.00	-0.03	47.26	3	Vertical	204	1.80	-	33.01	6.40	32.70

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 5310MHz\_TnomVnom

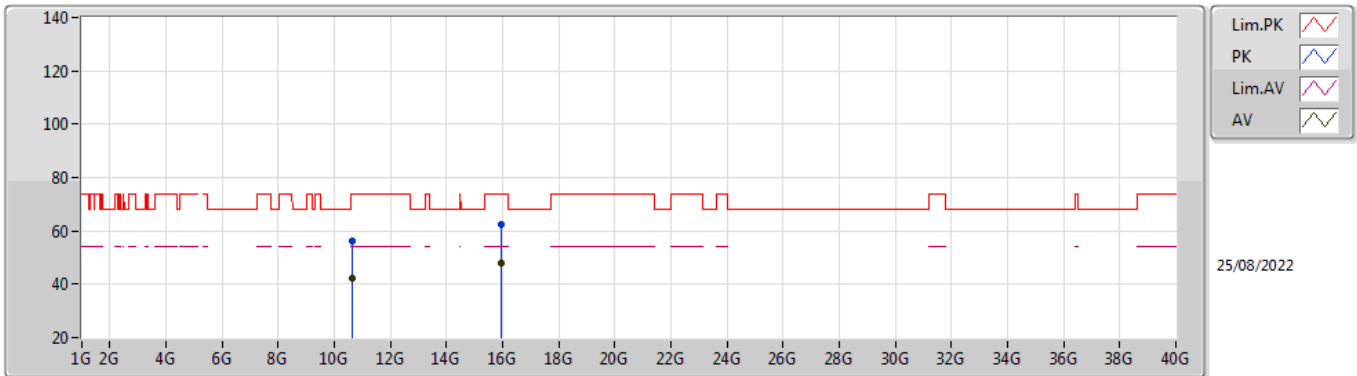


EUT Y\_2TX  
Setting 80  
01-C-R-5-10

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	5.2948G	109.27	Inf	-Inf	102.71	3	Horizontal	184	1.80	-	32.89	6.40	32.73
AV	5.3048G	96.75	Inf	-Inf	90.16	3	Horizontal	184	1.80	-	32.91	6.40	32.72
PK	5.35G	67.92	74.00	-6.08	61.22	3	Horizontal	184	1.80	-	33.00	6.40	32.70
AV	5.3504G	50.16	54.00	-3.84	43.46	3	Horizontal	184	1.80	-	33.00	6.40	32.70

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5310MHz\_TnomVnom



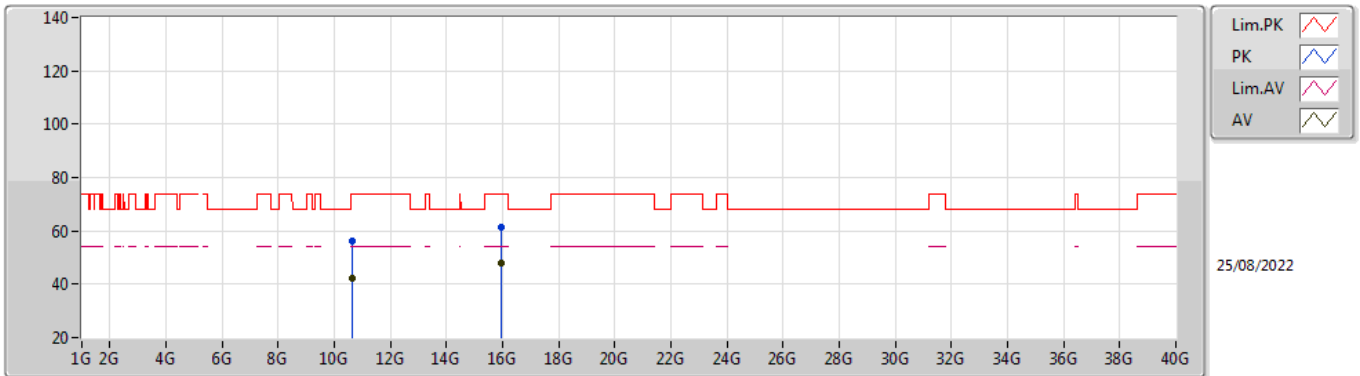
EUT Y\_2TX  
Setting 80  
01-C-B-5

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	10.6162G	56.29	74.00	-17.71	40.77	3	Vertical	56	1.10	-	38.60	8.65	31.73
AV	10.61644G	42.18	54.00	-11.82	26.66	3	Vertical	56	1.10	-	38.60	8.65	31.73
PK	15.9271G	62.16	74.00	-11.84	43.88	3	Vertical	104	2.05	-	38.40	10.48	30.60
AV	15.9321G	47.90	54.00	-6.10	29.62	3	Vertical	104	2.05	-	38.40	10.48	30.60



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5310MHz\_TnomVnom

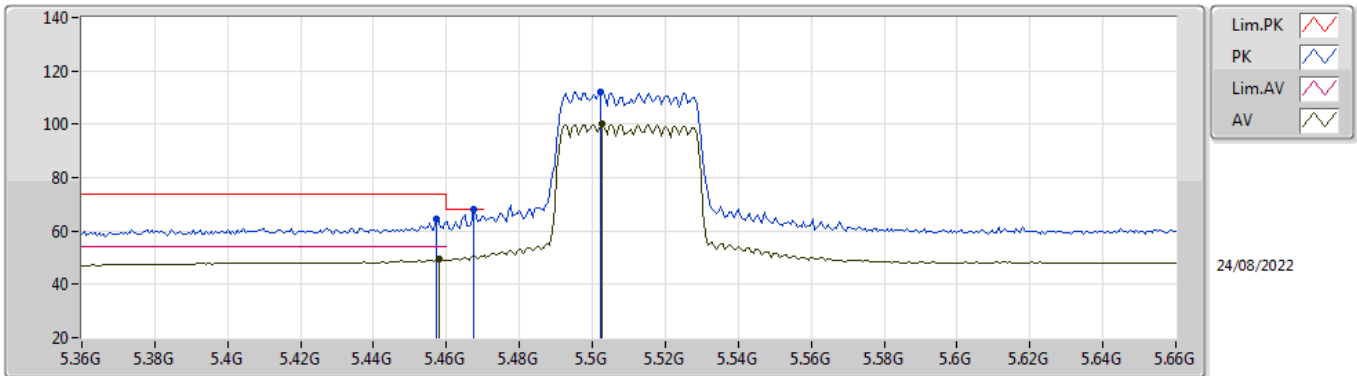


EUT Y\_2TX  
Setting 80  
01-C-B-5

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	10.62498G	56.39	74.00	-17.61	40.87	3	Horizontal	327	1.92	-	38.60	8.66	31.74
AV	10.61916G	42.20	54.00	-11.80	26.69	3	Horizontal	327	1.92	-	38.60	8.65	31.74
PK	15.92748G	61.46	74.00	-12.54	43.18	3	Horizontal	197	2.79	-	38.40	10.48	30.60
AV	15.93024G	47.88	54.00	-6.12	29.60	3	Horizontal	197	2.79	-	38.40	10.48	30.60

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5510MHz\_TnomVnom

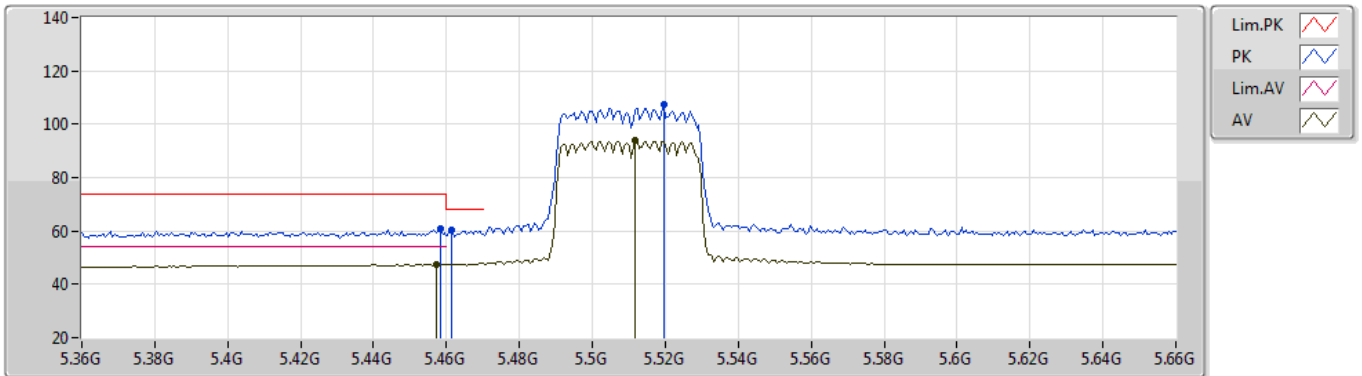


EUT V\_2TX  
Setting 71  
01-C-R-5-10

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	5.4572G	64.40	74.00	-9.60	56.90	3	Vertical	206	1.80	-	33.70	6.46	32.66
AV	5.4578G	49.56	54.00	-4.44	42.06	3	Vertical	206	1.80	-	33.70	6.46	32.66
PK	5.4674G	68.04	68.20	-0.16	60.52	3	Vertical	206	1.80	-	33.70	6.47	32.65
PK	5.5022G	112.30	Inf	-Inf	104.73	3	Vertical	206	1.80	-	33.71	6.50	32.64
AV	5.5028G	99.93	Inf	-Inf	92.36	3	Vertical	206	1.80	-	33.71	6.50	32.64

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5510MHz\_TnomVnom

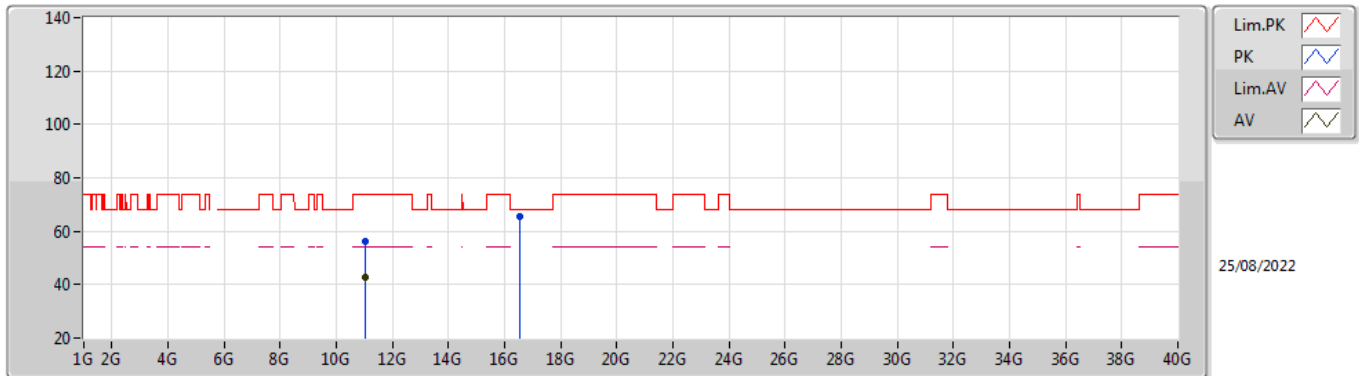


EUT\_V\_2TX  
Setting 71  
01-C-R-5-10

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	60.79	74.00	-13.21	53.29	3	Horizontal	338	1.80	-	33.70	6.46	32.66
AV	5.4572G	47.54	54.00	-6.46	40.04	3	Horizontal	338	1.80	-	33.70	6.46	32.66
PK	5.4614G	60.11	68.20	-8.09	52.61	3	Horizontal	338	1.80	-	33.70	6.46	32.66
PK	5.5196G	107.43	Inf	-Inf	99.78	3	Horizontal	338	1.80	-	33.78	6.52	32.65
AV	5.5118G	93.71	Inf	-Inf	86.09	3	Horizontal	338	1.80	-	33.75	6.51	32.64

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5510MHz\_TnomVnom

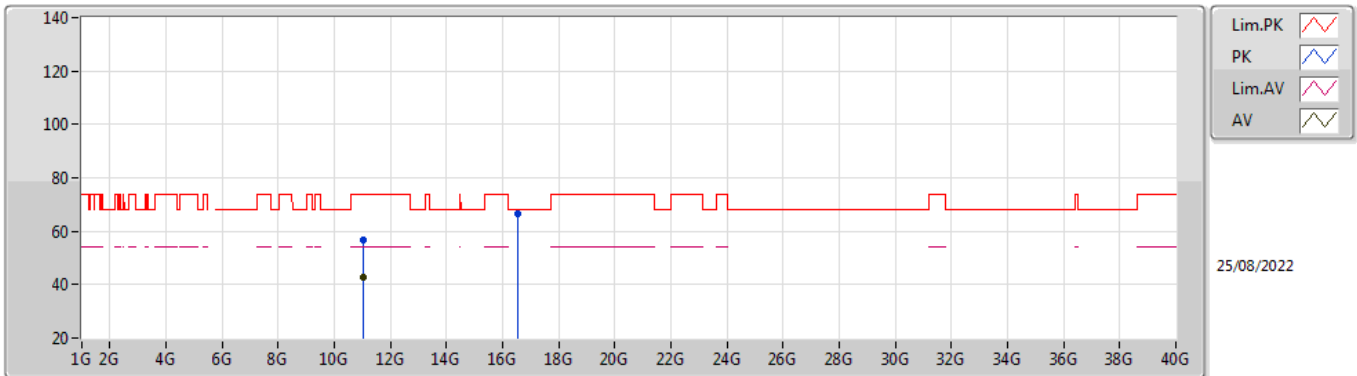


EUT Y\_2TX  
Setting 71  
01-C-B-5

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	11.02134G	56.05	74.00	-17.95	40.84	3	Vertical	157	1.67	-	38.48	8.76	32.03
AV	11.02046G	42.65	54.00	-11.35	27.44	3	Vertical	157	1.67	-	38.48	8.76	32.03
PK	16.53054G	65.77	68.20	-2.43	43.80	3	Vertical	59	2.20	-	40.30	10.66	28.99

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5510MHz\_TnomVnom

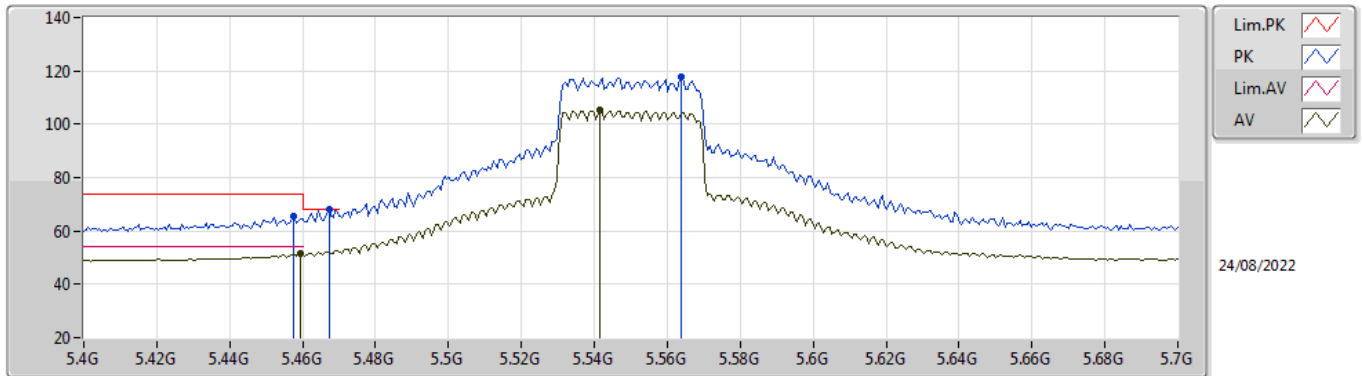


EUT Y\_2TX  
Setting 71  
01-C-B-5

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	11.01636G	56.50	74.00	-17.50	41.30	3	Horizontal	6	2.83	-	38.48	8.75	32.03
AV	11.02186G	42.65	54.00	-11.35	27.44	3	Horizontal	6	2.83	-	38.48	8.76	32.03
PK	16.52902G	66.32	68.20	-1.88	44.35	3	Horizontal	171	1.13	-	40.30	10.66	28.99

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 5550MHz\_TnomVnom

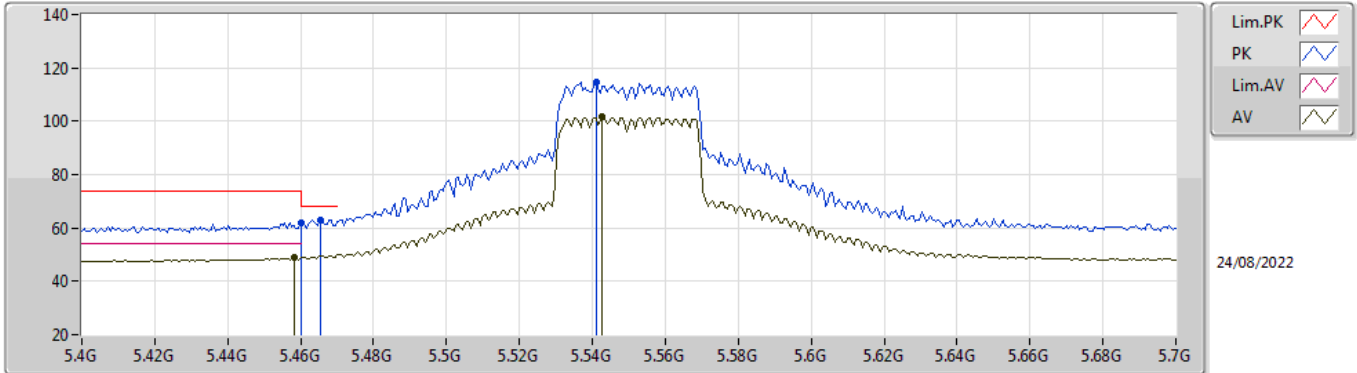


EUT\_V\_2TX  
Setting 100  
01-C-R-5-10

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	5.4576G	65.58	74.00	-8.42	58.08	3	Vertical	18	1.80	-	33.70	6.46	32.66
AV	5.4594G	51.39	54.00	-2.61	43.89	3	Vertical	18	1.80	-	33.70	6.46	32.66
PK	5.4672G	68.01	68.20	-0.19	60.49	3	Vertical	18	1.80	-	33.70	6.47	32.65
PK	5.5638G	117.69	Inf	-Inf	109.93	3	Vertical	18	1.80	-	33.87	6.56	32.67
AV	5.5416G	105.10	Inf	-Inf	97.35	3	Vertical	18	1.80	-	33.87	6.54	32.66

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5550MHz\_TnomVnom

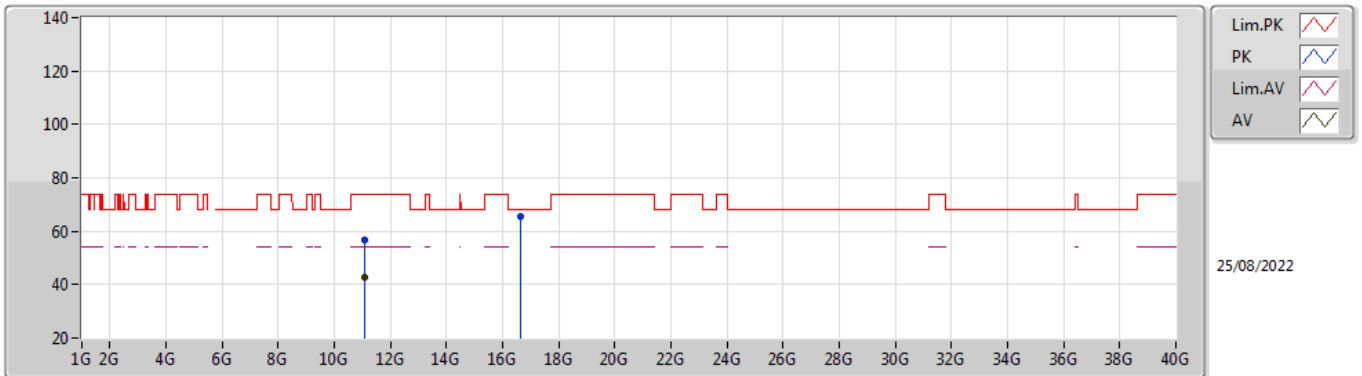


EUT\_V\_2TX  
Setting 100  
01-C-R-5-10

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	61.88	74.00	-12.12	54.38	3	Horizontal	354	2.90	-	33.70	6.46	32.66
AV	5.4582G	48.74	54.00	-5.26	41.24	3	Horizontal	354	2.90	-	33.70	6.46	32.66
PK	5.4654G	63.05	68.20	-5.15	55.53	3	Horizontal	354	2.90	-	33.70	6.47	32.65
PK	5.541G	114.51	Inf	-Inf	106.77	3	Horizontal	354	2.90	-	33.86	6.54	32.66
AV	5.5428G	101.61	Inf	-Inf	93.86	3	Horizontal	354	2.90	-	33.87	6.54	32.66

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5550MHz\_TnomVnom



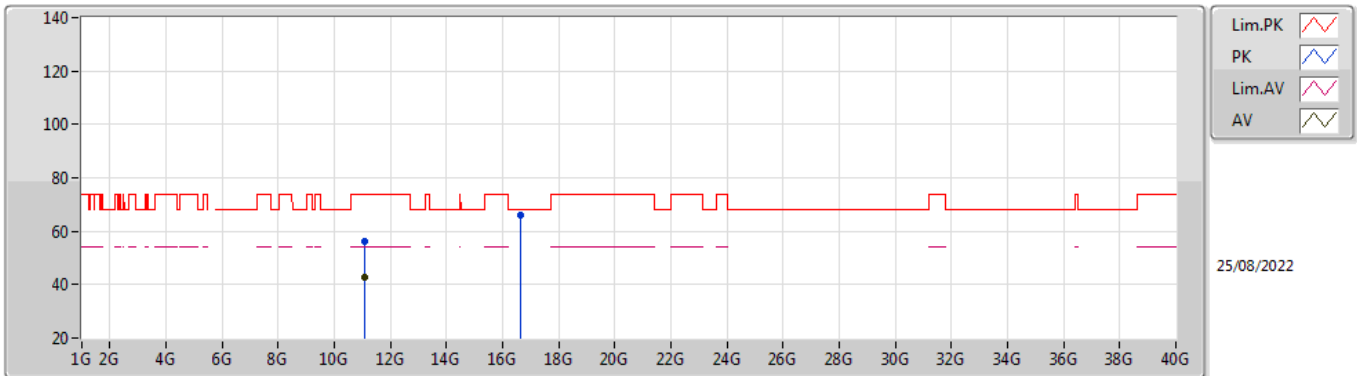
EUT Y\_2TX  
Setting 100  
01-C-B-5

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	11.09666G	56.51	74.00	-17.49	41.32	3	Vertical	332	1.31	-	38.40	8.77	31.98
AV	11.09778G	42.56	54.00	-11.44	27.37	3	Vertical	332	1.31	-	38.40	8.77	31.98
PK	16.65194G	65.67	68.20	-2.53	43.82	3	Vertical	123	1.99	-	40.35	10.70	29.20



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

5550MHz\_TnomVnom

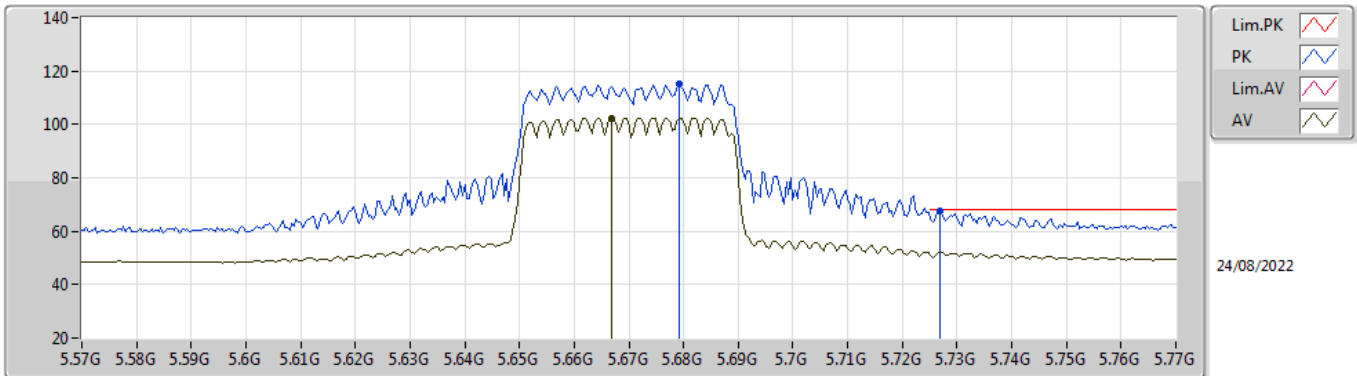


EUT Y\_2TX  
Setting 100  
01-C-B-5  
24/08/2022

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	11.09566G	55.96	74.00	-18.04	40.77	3	Horizontal	235	2.52	-	38.40	8.77	31.98
AV	11.09714G	42.57	54.00	-11.43	27.38	3	Horizontal	235	2.52	-	38.40	8.77	31.98
PK	16.64508G	65.95	68.20	-2.25	44.10	3	Horizontal	96	2.66	-	40.35	10.69	29.19

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 5670MHz\_TnomVnom



EUT Y\_2TX  
Setting 79  
01-C-R-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	5.6792G	115.23	Inf	-Inf	107.30	3	Vertical	327	2.42	-	34.04	6.60	32.71
AV	5.6668G	102.49	Inf	-Inf	94.53	3	Vertical	327	2.42	-	34.07	6.60	32.71
PK	5.7268G	67.65	68.20	-0.55	59.57	3	Vertical	327	2.42	-	34.21	6.60	32.73