



# RADIO TEST REPORT

**FCC ID** : Z8H-89FT0067  
**Equipment** : XE3-4 Wi-Fi 6e Indoor Access Point  
**Brand Name** : Cambium Networks  
**Model Name** : XE3-4  
**Applicant** : Cambium Networks Inc.  
3800 Golf Road, Suite 360 Rolling Meadows, IL  
60008, USA  
**Manufacturer** : Cambium Networks, Ltd.  
Ashburton, TQ13 7UP, UK  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Aug. 29, 2021, and testing was started from Aug. 29, 2021 and completed on Oct. 30, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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



## Table of Contents

History of this test report.....3

Summary of Test Result.....4

**1 General Description .....5**

1.1 Information.....5

1.2 Applicable Standards .....12

1.3 Testing Location Information .....12

1.4 Measurement Uncertainty .....12

**2 Test Configuration of EUT .....13**

2.1 Test Channel Mode .....13

2.2 The Worst Case Measurement Configuration .....17

2.3 EUT Operation during Test .....18

2.4 Accessories .....18

2.5 Support Equipment.....18

2.6 Test Setup Diagram .....19

**3 Transmitter Test Result .....20**

3.1 Emission Bandwidth .....20

3.2 Maximum Output Power .....21

3.3 Power Spectral Density .....23

3.4 Unwanted Emissions.....26

**4 Test Equipment and Calibration Data .....30**

**Appendix A. Test Results of Emission Bandwidth**

**Appendix B. Test Results of Maximum Output Power**

**Appendix C. Test Results of Power Spectral Density**

**Appendix D. Test Results of Unwanted Emissions**

**Appendix E. Test Photos**

**Photographs of EUT v01**

**History of this test report**

<b>Report No.</b>	<b>Version</b>	<b>Description</b>	<b>Issued Date</b>
FR140924-02	01	Initial issue of report	Dec. 21, 2021



### Summary of Test Result

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

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**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: Wendy Pan**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [9]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [4]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [2]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]

#### For Radio 1:

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



<b>Band</b>	<b>Mode</b>	<b>BWch (MHz)</b>	<b>Nant</b>
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX



**For Radio 2:**

<b>Band</b>	<b>Mode</b>	<b>BWch (MHz)</b>	<b>Nant</b>
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.15-5.35GHz	802.11ac VHT160	160	4TX
5.15-5.35GHz	802.11ac VHT160-BF	160	4TX
5.15-5.35GHz	802.11ax HEW160	160	4TX
5.15-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX



Note:

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





**1.1.2 Antenna Information**

Ant.	Port				Brand	Model Name	Antenna Type	Connector	Gain (dBi)				Remark
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Blue tooth					WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Blue tooth	
1	2	2	-	-	Accton	EAP9219A-6 E-1120-CAM	PIFA	I-PEX	4.85	5.60	-		Radio 1
2	1	1	-	-	Accton	EAP9219A-6 E-1120-CAM	PIFA	I-PEX	4.85	5.40	-		Radio 1
3	-	4	4	-	Accton	EAP9219A-6 E-1120-CAM	PIFA	I-PEX	-	Note 1	5.84		Radio 2
4	-	2	2	-	Accton	EAP9219A-6 E-1120-CAM	PIFA	I-PEX	-		6.29		Radio 2
5	-	3	3	-	Accton	EAP9219A-6 E-1120-CAM	PIFA	I-PEX	-		6.06		Radio 2
6	-	1	1	-	Accton	EAP9219A-6 E-1120-CAM	PIFA	I-PEX	-		5.99		Radio 2
7	-	-	-	1	Accton	EAP9219A-6 E-1120-CAM	Chip	N/A	-	-	-	3.39	Radio 3

Note1:

Ant.	Port	Antenna Gain (dBi)				Remark	
		WLAN 5GHz	UNII 1	UNII 2A	UNII 2C		UNII 3
3	4		2.3	4.22	3.57	5.21	Radio 2
4	2		4.12	4.62	3.15	4.93	Radio 2
5	3		2.91	3.22	2.85	2.81	Radio 2
6	1		3.88	4.46	2.58	4.24	Radio 2

Radio 2 / Directional Gain (dBi)			
WLAN 5GHz UNII 1, 4T1S	WLAN 5GHz UNII 2A, 4T1S	WLAN 5GHz UNII 2C, 4T1S	WLAN 5GHz UNII 3, 4T1S
4.55	4.78	5.38	5.95

Note2: The above information was declared by manufacturer.

WLAN 2.4GHz, 5GHz (Radio 1), 6GHz: The directional gain is calculated which follows the procedure of KDB 662911 D01.

WLAN 5GHz (Radio 2): The directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.

**For Radio 1:**

**For 2.4GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

**For 5GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

**For Radio 2:**

**For 5GHz function:**

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

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

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

**For 6GHz function:**

**For IEEE 802.11ax (4TX/4RX):**

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

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

**For Bluetooth Function:**

**For Bluetooth mode (1TX/1RX)**

Only Port 1 can be use as transmit and receive antenna.



Note3: WLAN 2.4GHz, 5GHz (Radio 1) Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$Directional\ IGain = 10 \cdot \log \left[ \frac{\sum_{i=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{i,k} \right\}^2}{N_{ANT}} \right]$$

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

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

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

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain

(Radio1)

2.4GHz DG = 7.86 dBi

5 GHz U-NII-1 DG = 8.51 dBi

5 GHz U-NII-2A DG = 8.51 dBi

5 GHz U-NII-2C DG = 8.51 dBi

5 GHz U-NII-3 DG = 8.51 dBi

### 1.1.3 Mode Test Duty Cycle

For Radio 1:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.938	0.28	1.978m	1k
802.11ax HEW20	0.953	0.21	5.449m	300
802.11ax HEW40	0.881	0.55	5.445m	300
802.11ax HEW80	0.956	0.2	5.448m	300

For Radio 2:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.969	0.14	1.978m	1k
802.11ax HEW20	0.824	0.84	5.446m	300
802.11ax HEW40	0.824	0.84	5.445m	300



Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW80	0.822	0.85	5.445m	300
802.11ax HEW160	0.852	0.7	5.447m	300

Note:

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

**1.1.4 EUT Operational Condition**

<b>EUT Power Type</b>	From PoE			
<b>Beamforming Function</b>	<input checked="" type="checkbox"/> With beamforming	<input type="checkbox"/> Without beamforming		
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
<b>Weather Band</b>	<input type="checkbox"/> With 5600~5650MHz	<input checked="" type="checkbox"/> Without 5600~5650MHz		
<b>TPC Function</b>	<input checked="" type="checkbox"/> With TPC	<input type="checkbox"/> Without TPC		
<b>Function</b>	<input type="checkbox"/> Outdoor P2M	<input checked="" type="checkbox"/> Indoor P2M		
	<input type="checkbox"/> Fixed P2P	<input type="checkbox"/> Client		
<b>Test Software Version</b>	QSPR V5.0-00197			

Note: The above information was declared by manufacturer.

**1.1.5 Table for Permissive Change**

This product is an extension of original one reported under Sporton project number: FR140924-01AC

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

Modifications	Performance Checking
1. Adding UNII 2A and UNII 2C (5250~5350 MHz, 5470~5725 MHz) for this device. 2. Adding 160MHz bandwidth to 5GHz Radio 2.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions <Above 1GHz>



### 1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01

### 1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Lee	23.3~24.3 / 54~57	Sep. 01, 2021 ~ Oct. 30, 2021
Radiated>1GHz	03CH04-CB	RJ Huang	24.4-25.5 / 55-58	Aug. 29, 2021 ~ Sep. 02, 2021

### 1.4 Measurement Uncertainty

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

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



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

For Radio 1:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17.5
5300MHz	18
5320MHz	17.5
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	19
5300MHz	19
5320MHz	19
5500MHz	18.5
5580MHz	18.5
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	17.5
5580MHz	17.5
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	20
5510MHz	19.5
5550MHz	19.5
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	20.5
5710MHz Straddle 5.725-5.85GHz	20.5



802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	17.5
5510MHz	17
5550MHz	17
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	18.5
5710MHz Straddle 5.725-5.85GHz	18.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	20.5
5530MHz	19.5
5690MHz Straddle 5.47-5.725GHz	20.5
5690MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	18
5530MHz	17.5
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19



**For Radio 2:**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	16.5
5310MHz	16.5
5510MHz	16.5
5550MHz	16.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	16.5
5310MHz	16.5
5510MHz	16.5



Mode	Power Setting
5550MHz	16.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	15
5530MHz	16
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	15
5250MHz Straddle 5.25-5.35GHz	15

**Note:**

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





### 2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<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 &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	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
<b>Operating Mode</b>	
1	Radio 1: WLAN 2.4GHz + WLAN 5GHz + Radio 2: WLAN 5GHz + WLAN 6GHz + Radio 3: Bluetooth
Refer to Sporton Test Report No.: FA140924-02 for Co-location RF Exposure Evaluation.	

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

Support Unit	Brand	Model
PoE	Cambium	NET-P60-56IN



### 2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

### 2.4 Accessories

Wall Bracket\*1

### 2.5 Support Equipment

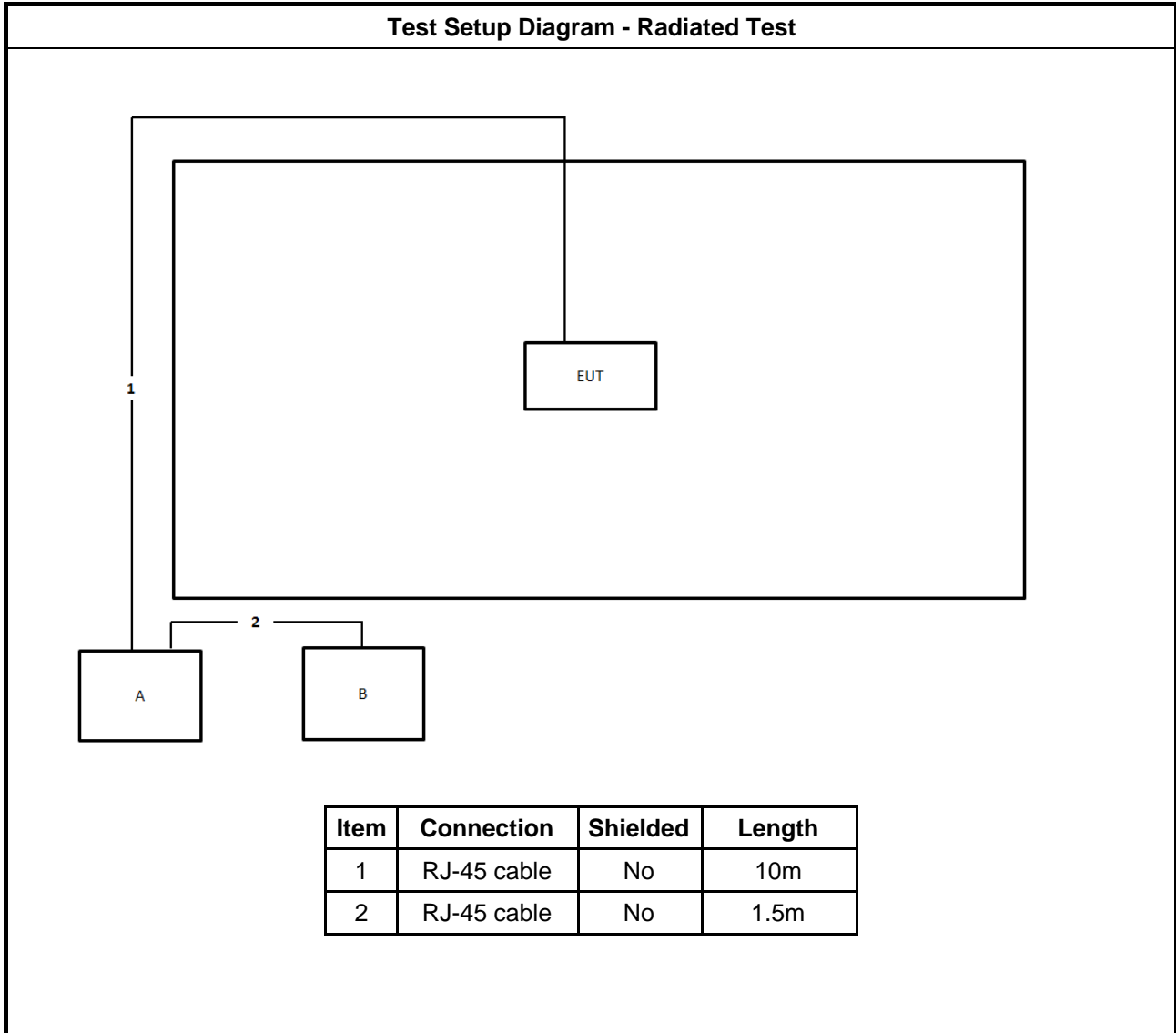
For Radiated:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P60-56IN	N/A
B	Notebook	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium	NET-P60-56IN	N/A

## 2.6 Test Setup Diagram



### 3 Transmitter Test Result

#### 3.1 Emission Bandwidth

##### 3.1.1 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, 6 dB emission bandwidth $\geq$ 500kHz.
<input type="checkbox"/>	For the 5.85-5.895 GHz band, 6 dB emission bandwidth $\geq$ 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 $\geq$ 500kHz.

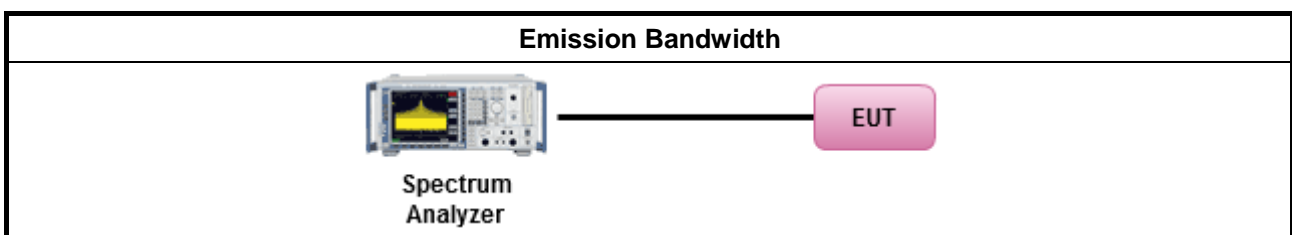
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>For the emission bandwidth shall be measured using one of the options below:</li> </ul>	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



### 3.2 Maximum Output Power

#### 3.2.1 Limit

Maximum Output Power Limit	
<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>
Maximum EIRP Limit	
<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 \text{ dBm}</math></li> <li>▪ Client device <math>&lt; 30 \text{ dBm}</math></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 lesser of 1 W.</li> </ul>

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

### 3.2.2 Measuring Instruments

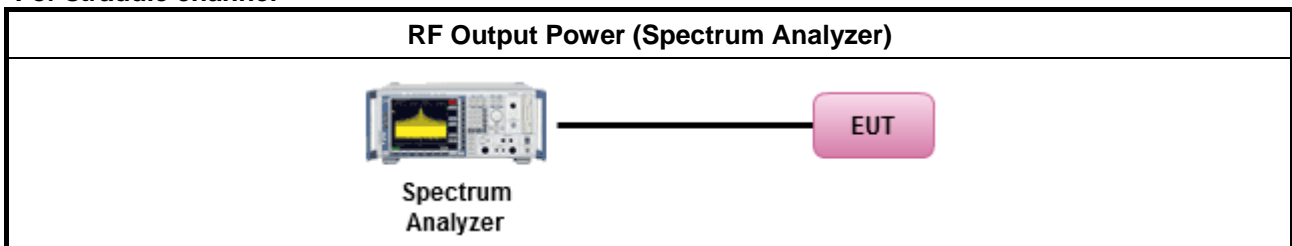
Refer a test equipment and calibration data table in this test report.

### 3.2.3 Test Procedures

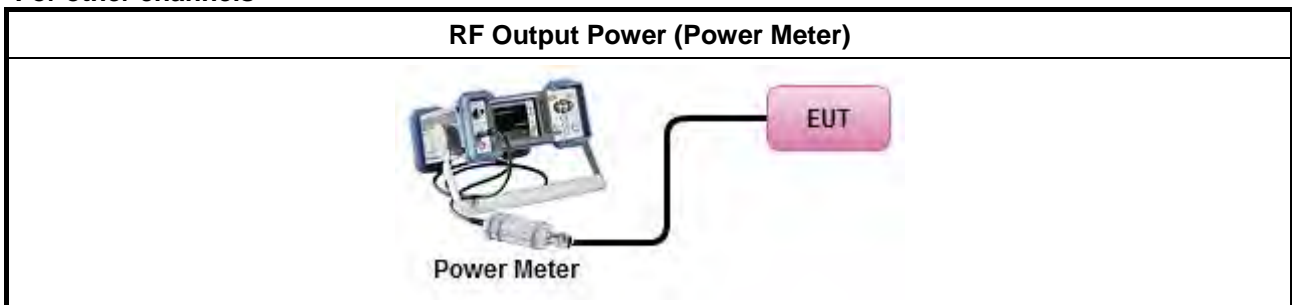
Test Method	
<ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul>	
Average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033, 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, clause E Method PM-G (using an RF average power meter).
<ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>	
<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> </ul>	
<ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>	

### 3.2.4 Test Setup

For straddle channel



For other channels



### 3.2.5 Test Result of Maximum Output Power

Refer as Appendix B



### 3.3 Power Spectral Density

#### 3.3.1 Limit

<b>Peak Power Spectral Density Limit</b>	
<b>UNII Devices</b>	
<input 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.

### 3.3.2 Measuring Instruments

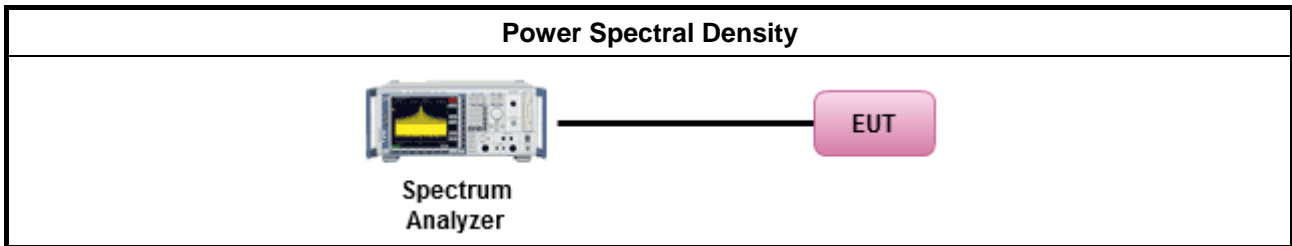
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> <li>▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li> </ul>
	<input type="checkbox"/> Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth [duty cycle ≥ 98% or external video / power trigger]
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	<input type="checkbox"/> Refer as FCC KDB 789033, 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, clause E Method SA-2 (spectral trace averaging).
	<input type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	<ul style="list-style-type: none"> <li>▪ For conducted measurement.</li> </ul>
	<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>



### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Refer as Appendix C



### 3.4 Unwanted Emissions

#### 3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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



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

### 3.4.2 Measuring Instruments

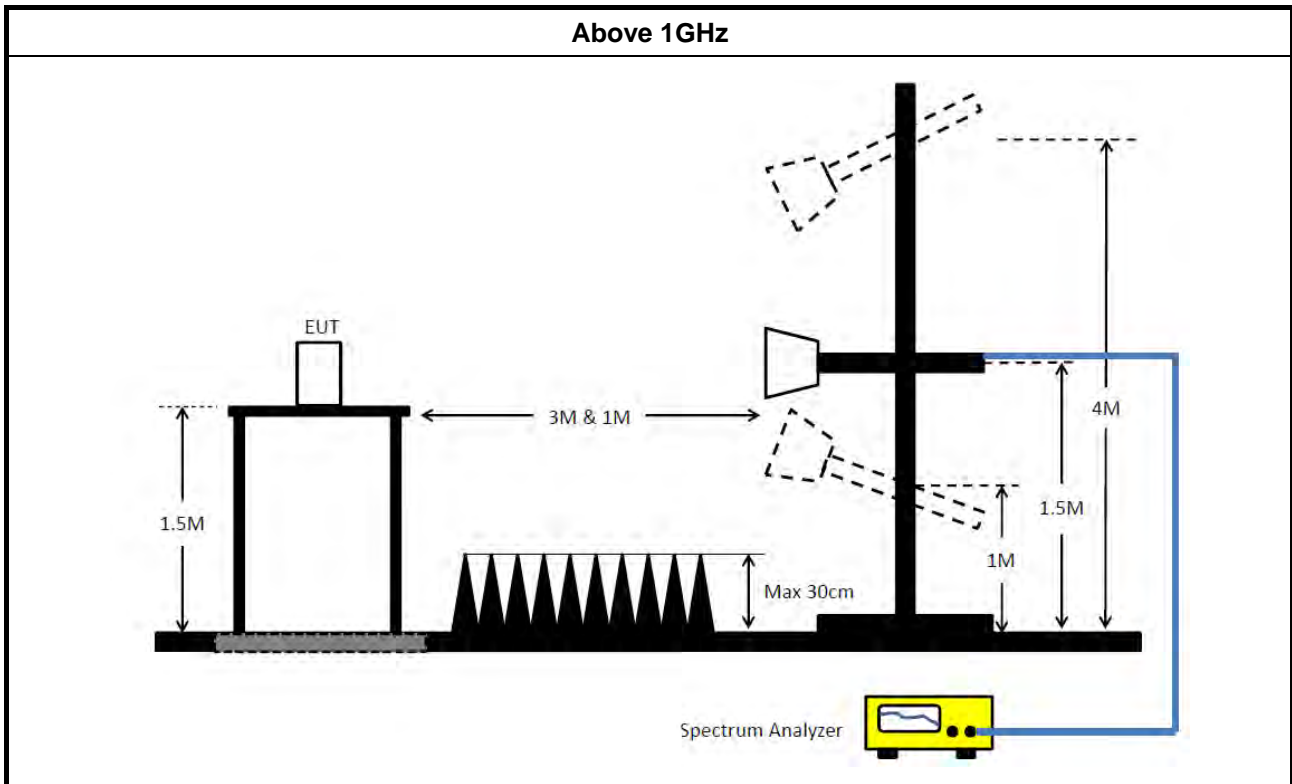
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
<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 <math>\geq</math> 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:</li> </ul>	
	<ul style="list-style-type: none"> <li>Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>
	<ul style="list-style-type: none"> <li>Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>
<input type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). $VBW \geq 1/T$ , where T is pulse time.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
<ul style="list-style-type: none"> <li>For radiated measurement.</li> </ul>	
	<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>
	<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>
	<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>
<ul style="list-style-type: none"> <li>The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>	
<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>	

### 3.4.4 Test Setup



### 3.4.5 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



## 4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS · Lindgren	3115	00143147	750MHz~18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 23, 2021	Jun. 22, 2022	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Feb. 19, 2021	Feb. 18, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

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



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.67M	16.432M	16M4D1D	20.46M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.02M	18.951M	19MOD1D	21.3M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.16M	37.961M	38MOD1D	40.8M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.8M	77.361M	77M4D1D	81.96M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.73M	16.462M	16M5D1D	15.24M	13.208M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.11M	18.951M	19MOD1D	15.675M	14.468M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.34M	37.961M	38MOD1D	35.56M	33.828M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.361M	77M4D1D	76.275M	73.088M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.14M	3.758M	3M76D1D	3.14M	3.718M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.34M	4.638M	4M64D1D	4.32M	4.618M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.1M	4.198M	4M20D1D	4M	4.178M
802.11ax HEW80_Nss1,(MCS0)_2TX	4M	4.358M	4M36D1D	3.96M	4.318M

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



**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.58M	16.432M	20.46M	16.432M
5300MHz	Pass	Inf	20.55M	16.432M	20.67M	16.432M
5320MHz	Pass	Inf	20.61M	16.432M	20.64M	16.432M
5500MHz	Pass	Inf	20.61M	16.432M	20.67M	16.432M
5580MHz	Pass	Inf	20.58M	16.462M	20.73M	16.432M
5700MHz	Pass	Inf	20.58M	16.432M	20.7M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.24M	13.223M	15.27M	13.208M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.758M	3.14M	3.718M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	18.921M	22.02M	18.951M
5300MHz	Pass	Inf	21.48M	18.921M	21.3M	18.921M
5320MHz	Pass	Inf	21.69M	18.951M	21.6M	18.921M
5500MHz	Pass	Inf	21.39M	18.951M	21.78M	18.951M
5580MHz	Pass	Inf	22.11M	18.951M	21.6M	18.951M
5700MHz	Pass	Inf	21.24M	18.921M	21.66M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.468M	15.675M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.32M	4.618M	4.34M	4.638M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.16M	37.841M	40.86M	37.961M
5310MHz	Pass	Inf	40.98M	37.901M	40.8M	37.961M
5510MHz	Pass	Inf	41.34M	37.841M	40.86M	37.901M
5550MHz	Pass	Inf	40.98M	37.901M	41.04M	37.901M
5670MHz	Pass	Inf	41.16M	37.901M	41.34M	37.961M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.665M	33.828M	35.56M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.178M	4M	4.198M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	77.241M	82.8M	77.361M
5530MHz	Pass	Inf	82.56M	77.361M	81.96M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.088M	76.275M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.358M	3.96M	4.318M

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

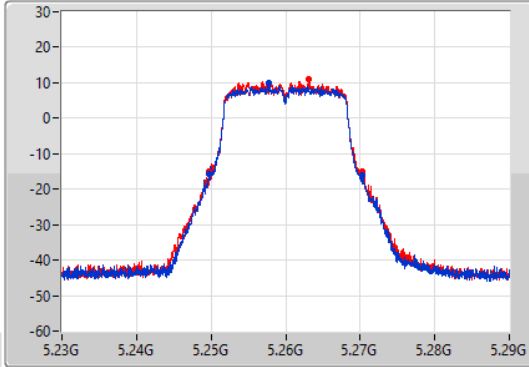
802.11a\_Nss1,(6Mbps)\_2TX

EBW

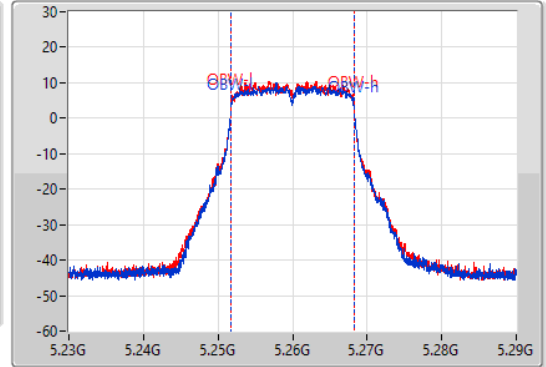
5260MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.24968G	5.27026G	16.432M	5.251784G	5.268216G	Inf	1
20.46M	5.24974G	5.2702G	16.432M	5.251784G	5.268216G	Inf	2

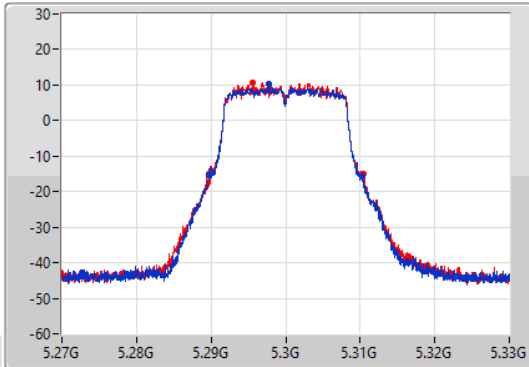
802.11a\_Nss1,(6Mbps)\_2TX

EBW

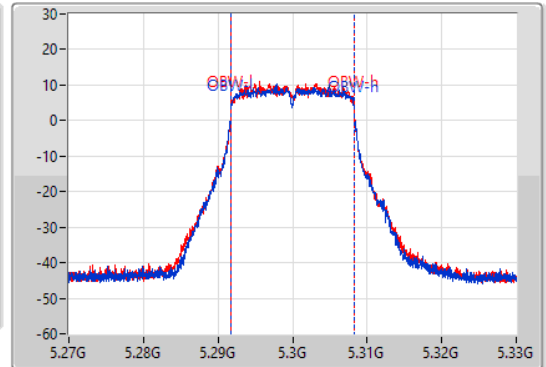
5300MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.28968G	5.31023G	16.432M	5.291784G	5.308216G	Inf	1
20.67M	5.28974G	5.31041G	16.432M	5.291784G	5.308216G	Inf	2

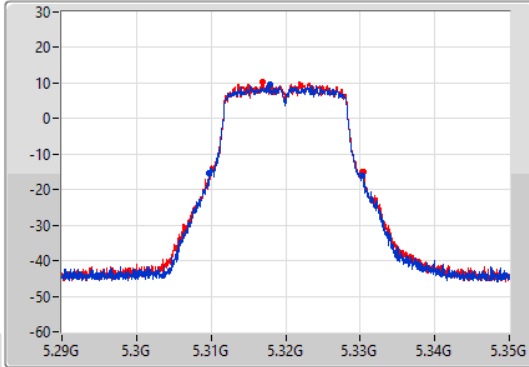
802.11a\_Nss1,(6Mbps)\_2TX

EBW

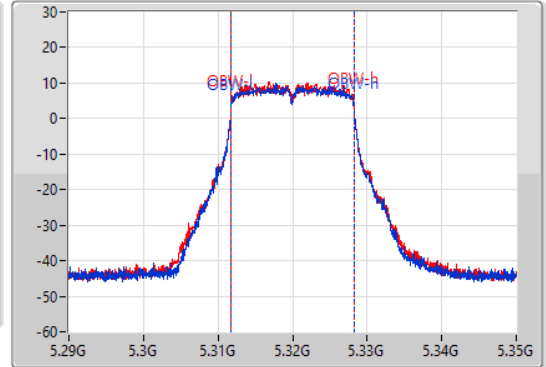
5320MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.30968G	5.33029G	16.432M	5.311784G	5.328216G	Inf	1
20.64M	5.30974G	5.33038G	16.432M	5.311784G	5.328216G	Inf	2

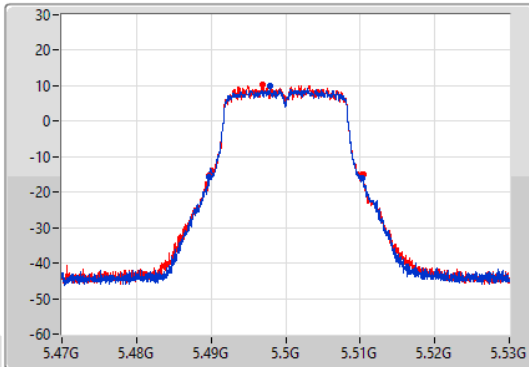
802.11a\_Nss1,(6Mbps)\_2TX

EBW

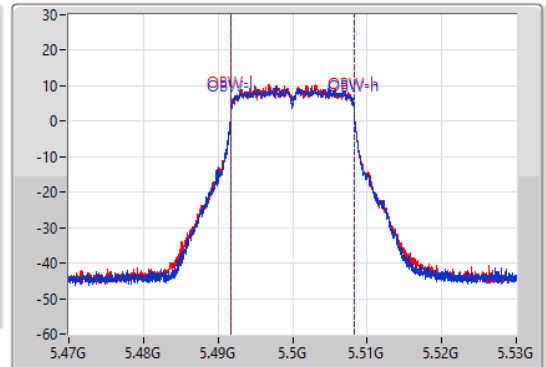
5500MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.48971G	5.51032G	16.432M	5.491784G	5.508216G	Inf	1
20.67M	5.48974G	5.51041G	16.432M	5.491784G	5.508216G	Inf	2

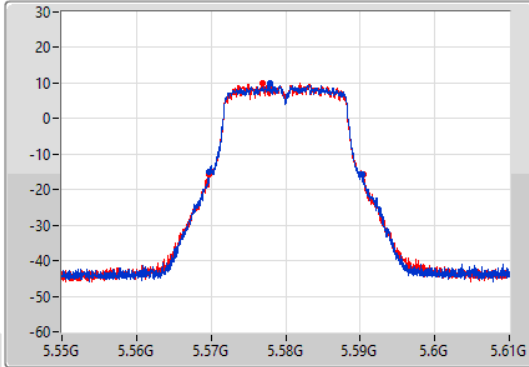
802.11a\_Nss1,(6Mbps)\_2TX

EBW

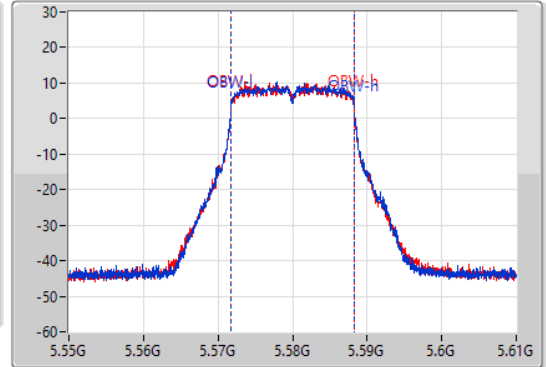
5580MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.56971G	5.59029G	16.462M	5.571784G	5.588246G	Inf	1
20.73M	5.56971G	5.59044G	16.432M	5.571784G	5.588216G	Inf	2

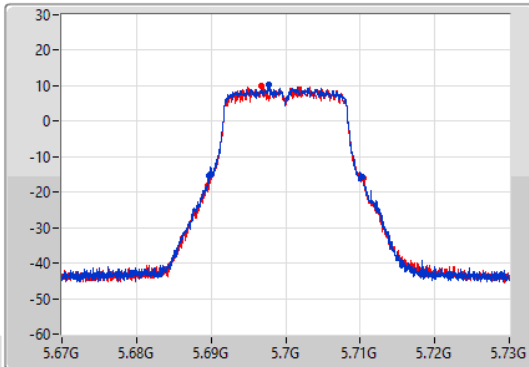
802.11a\_Nss1,(6Mbps)\_2TX

EBW

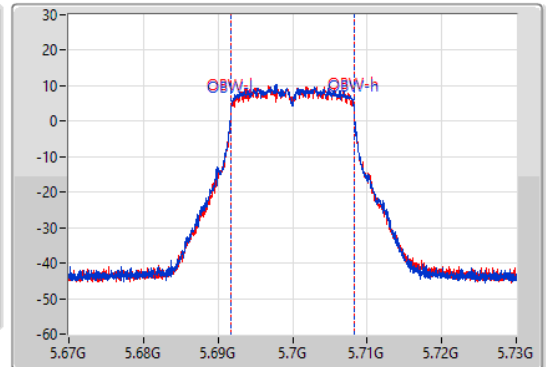
5700MHz

03/09/2021

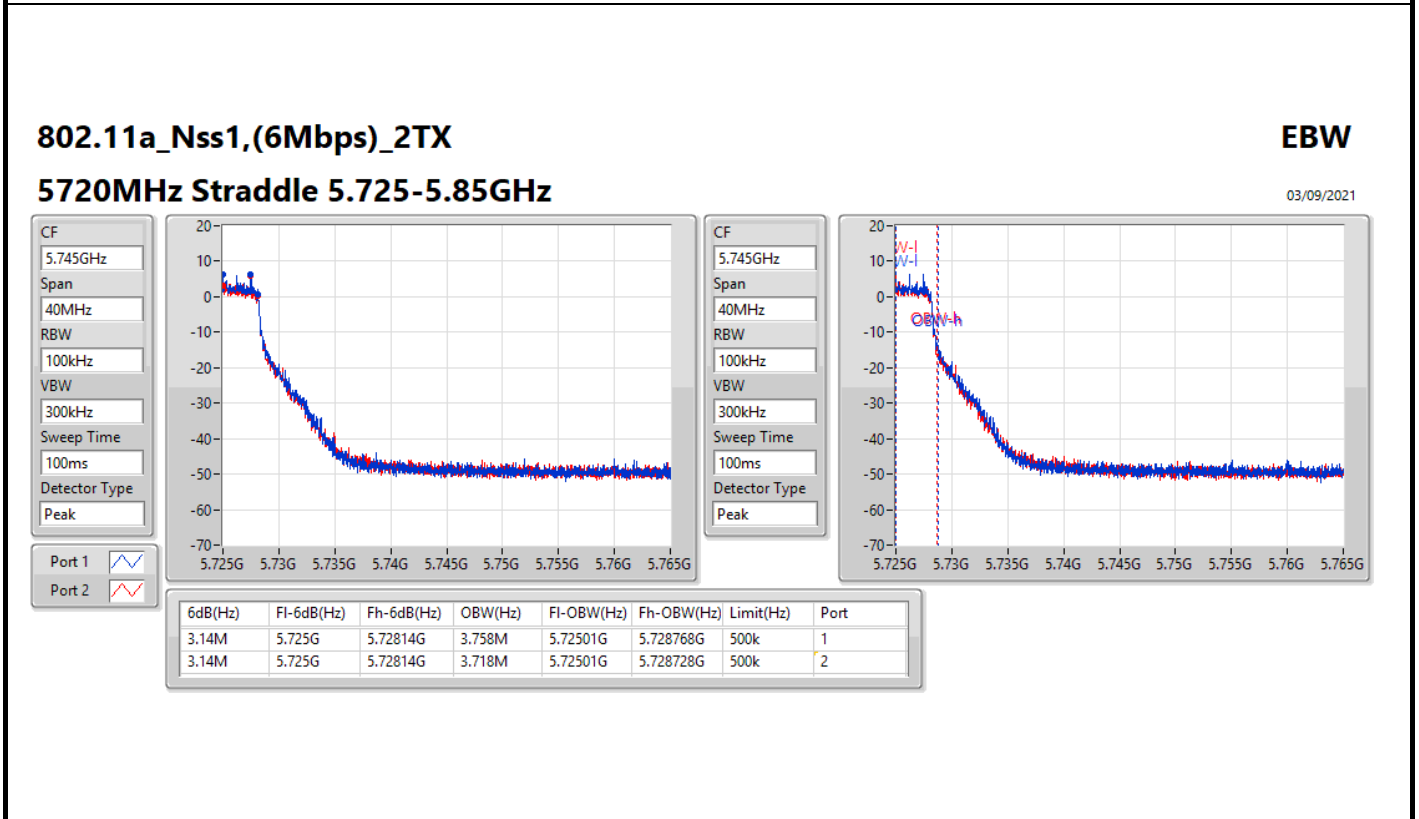
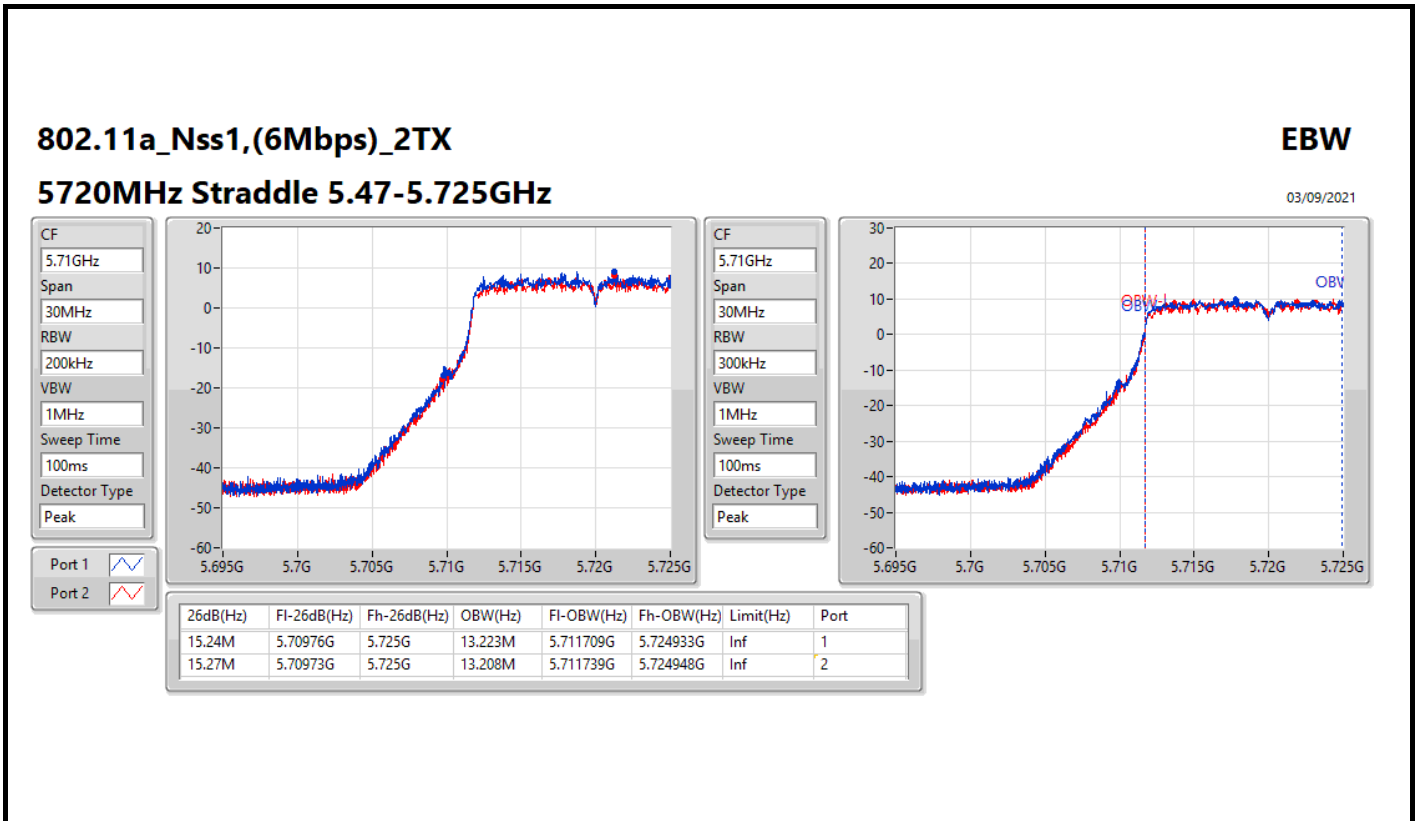
CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.68968G	5.71026G	16.432M	5.691784G	5.708216G	Inf	1
20.7M	5.68977G	5.71047G	16.432M	5.691784G	5.708216G	Inf	2



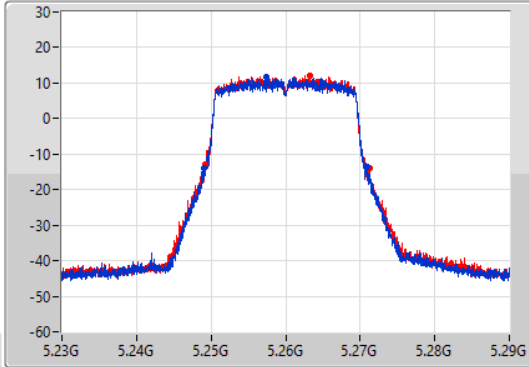
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

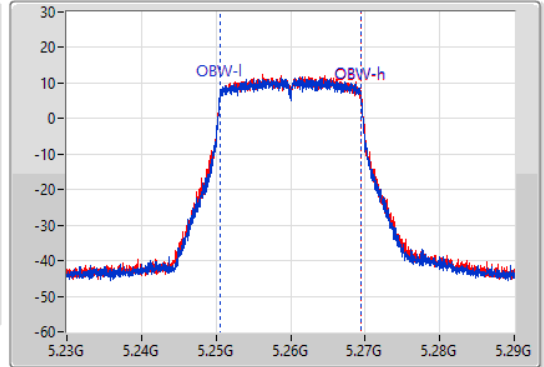
5260MHz

03/09/2021

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
21.81M	5.24908G	5.27089G	18.921M	5.250525G	5.269445G	Inf	1
22.02M	5.24923G	5.27125G	18.951M	5.250525G	5.269475G	Inf	2

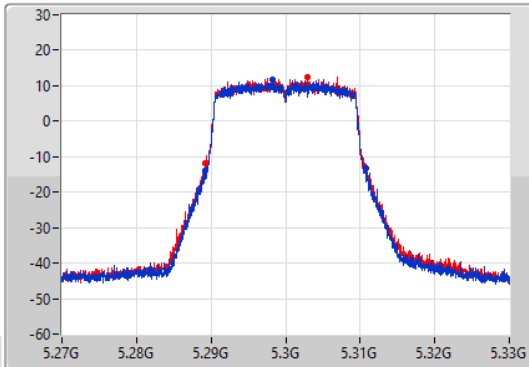
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

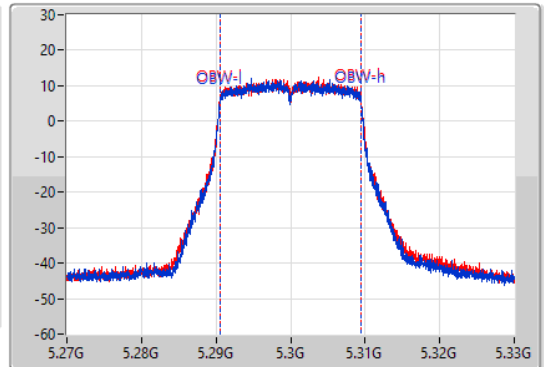
5300MHz

03/09/2021

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
21.48M	5.28923G	5.31071G	18.921M	5.290525G	5.309445G	Inf	1
21.3M	5.28929G	5.31059G	18.921M	5.290525G	5.309445G	Inf	2

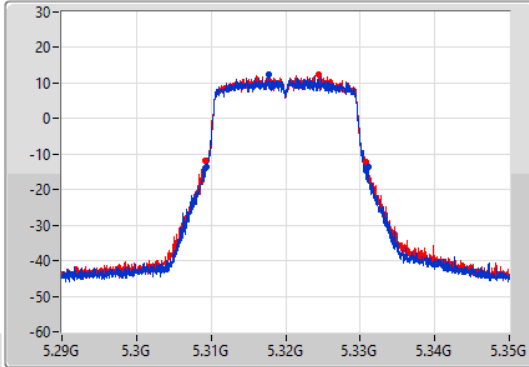
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

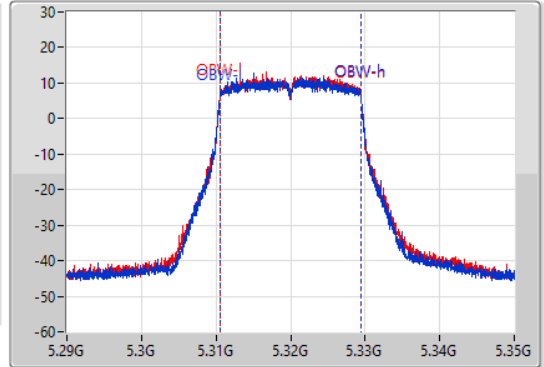
5320MHz

03/09/2021

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
21.69M	5.30935G	5.33104G	18.951M	5.310495G	5.329445G	Inf	1
21.6M	5.30914G	5.33074G	18.921M	5.310525G	5.329445G	Inf	2

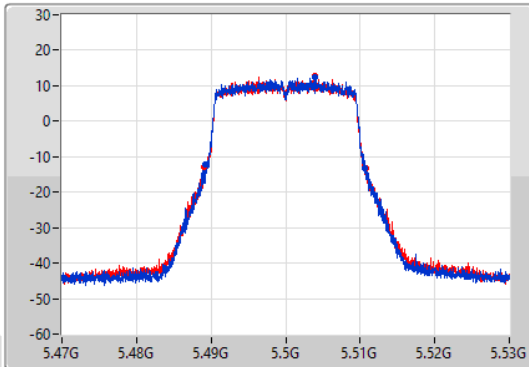
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

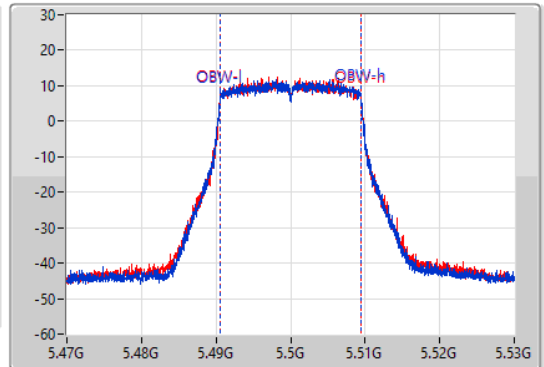
5500MHz

03/09/2021

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
21.39M	5.48929G	5.51068G	18.951M	5.490525G	5.509475G	Inf	1
21.78M	5.48908G	5.51086G	18.951M	5.490525G	5.509475G	Inf	2

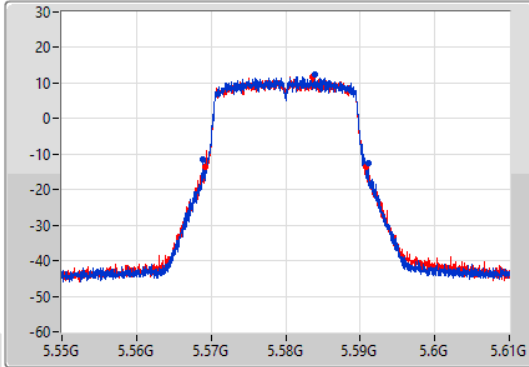
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

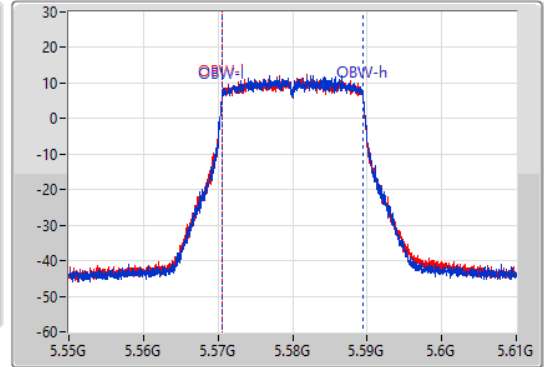
5580MHz

03/09/2021

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
22.11M	5.56893G	5.59104G	18.951M	5.570525G	5.589475G	Inf	1
21.6M	5.56926G	5.59086G	18.951M	5.570525G	5.589475G	Inf	2

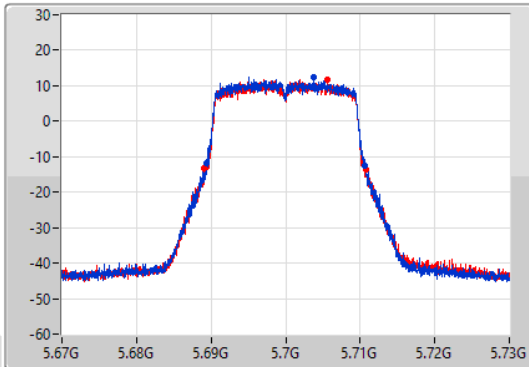
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

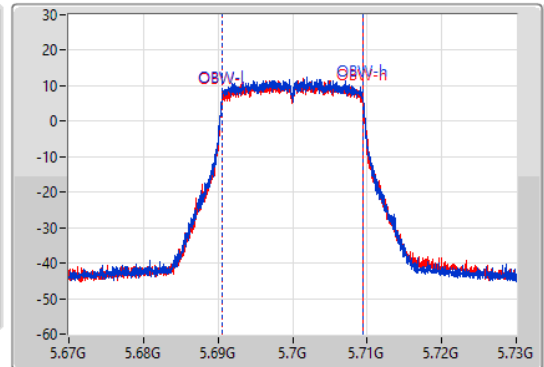
5700MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.68935G	5.71059G	18.921M	5.690525G	5.709445G	Inf	1
21.66M	5.68908G	5.71074G	18.921M	5.690525G	5.709445G	Inf	2

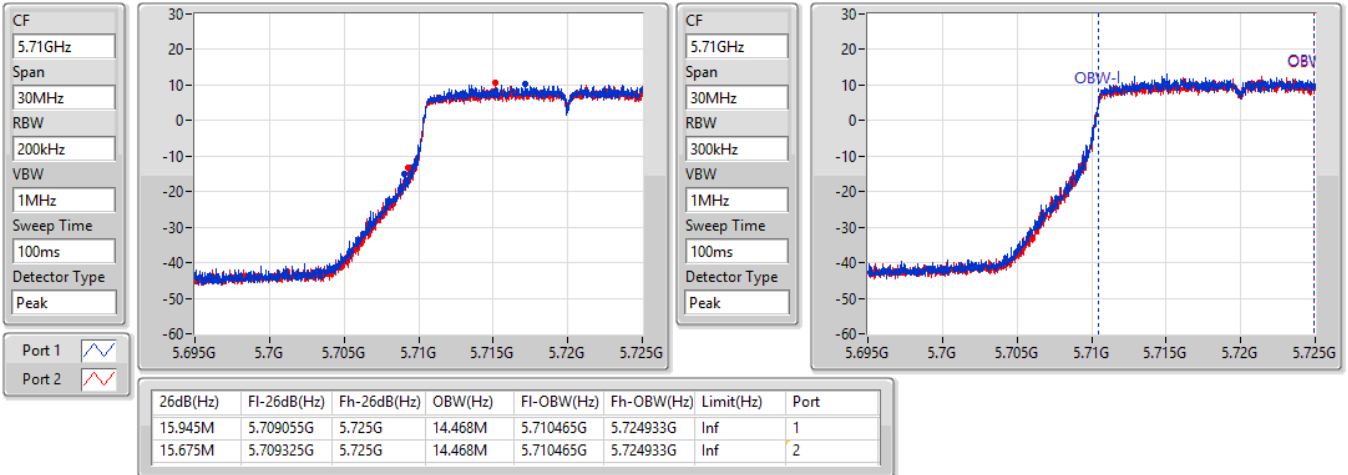


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/09/2021

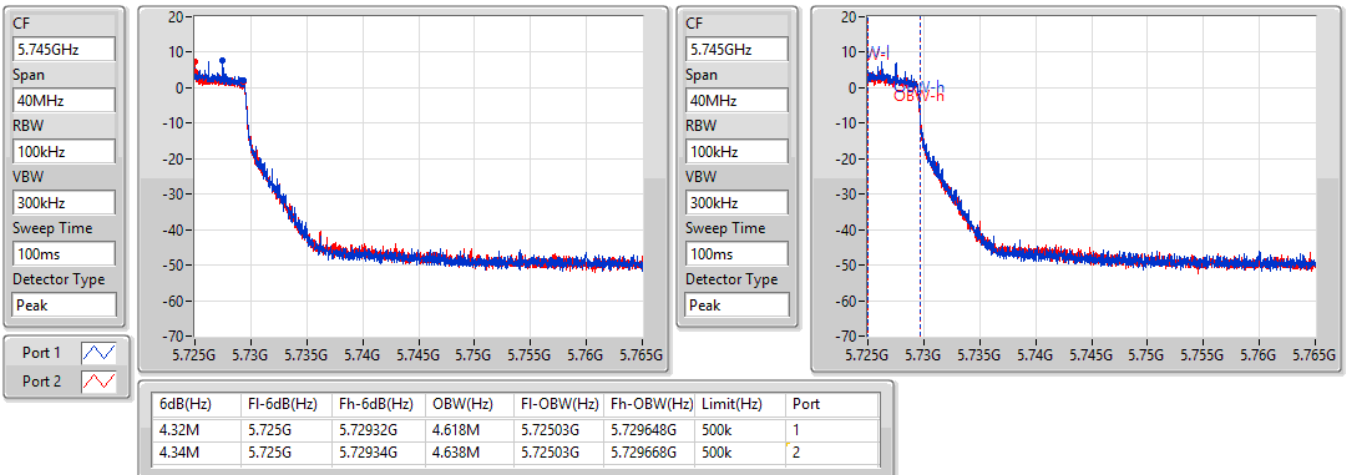


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/09/2021



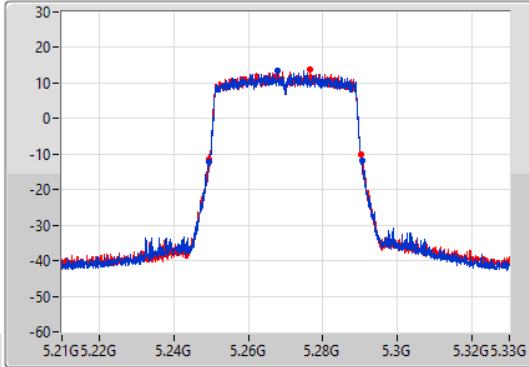
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

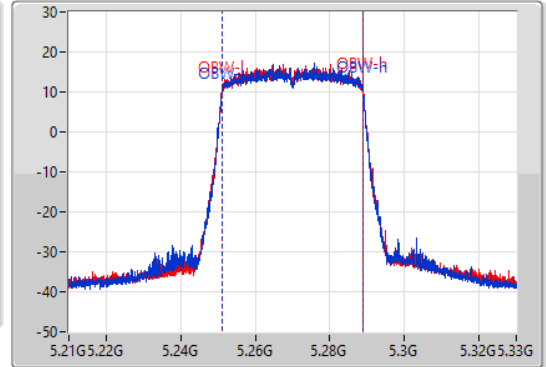
5270MHz

03/09/2021

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
41.16M	5.24936G	5.29052G	37.841M	5.251049G	5.288891G	Inf	1
40.86M	5.24948G	5.29034G	37.961M	5.25099G	5.288951G	Inf	2

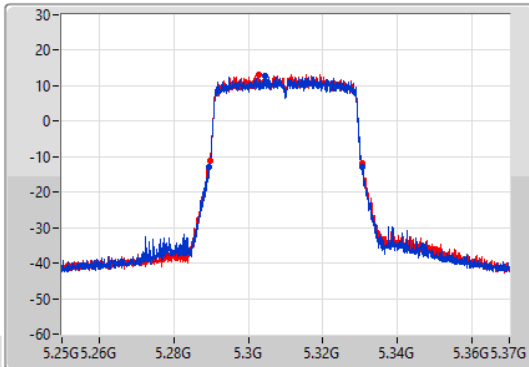
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

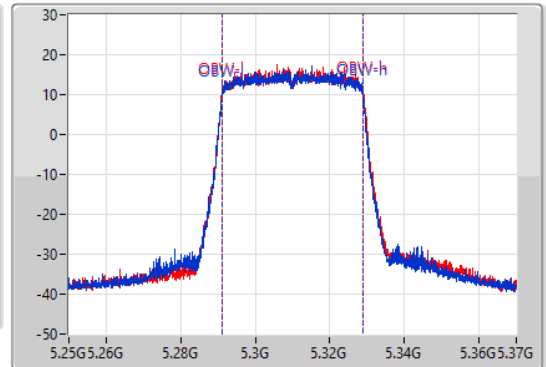
5310MHz

03/09/2021

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



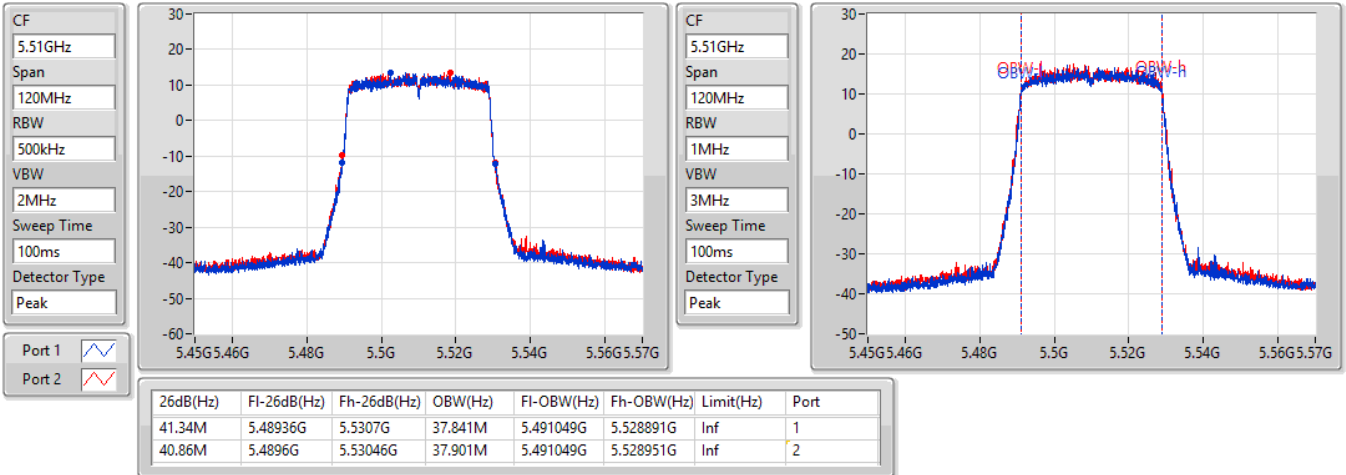
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.28954G	5.33052G	37.901M	5.291049G	5.328951G	Inf	1
40.8M	5.28966G	5.33046G	37.961M	5.291049G	5.32901G	Inf	2

802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5510MHz

03/09/2021

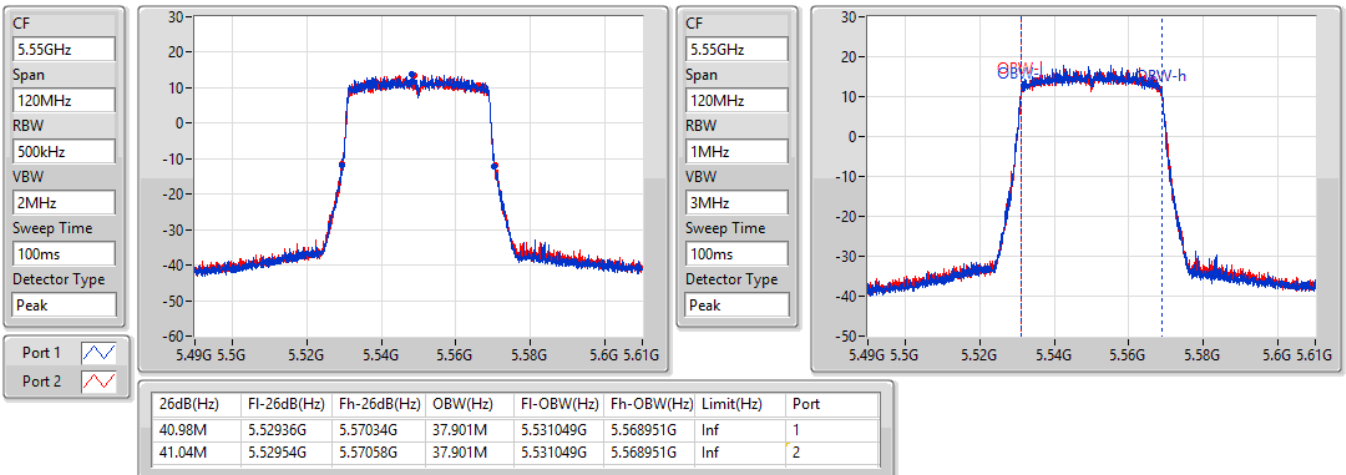


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5550MHz

03/09/2021



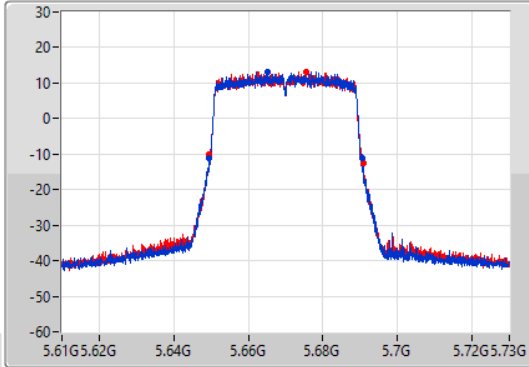
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

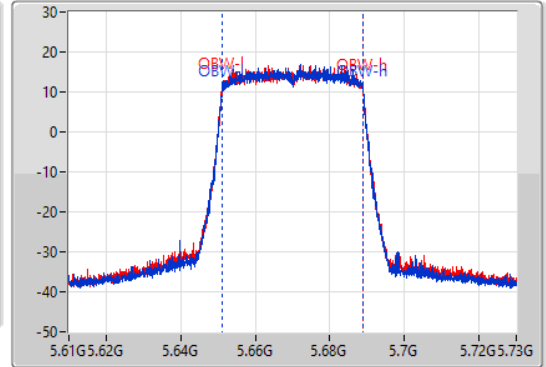
5670MHz

03/09/2021

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.64936G	5.69052G	37.901M	5.651049G	5.688951G	Inf	1
41.34M	5.6496G	5.69094G	37.961M	5.65099G	5.688951G	Inf	2

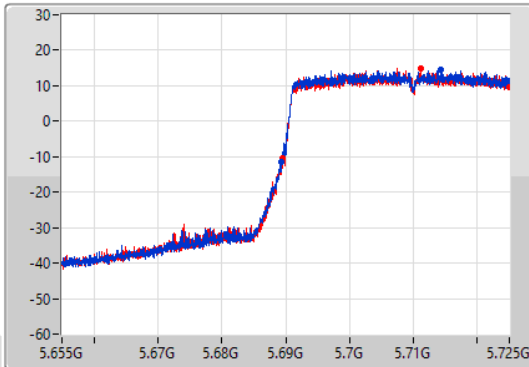
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

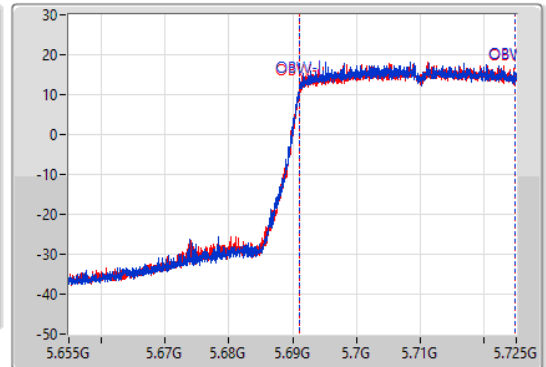
5710MHz Straddle 5.47-5.725GHz

03/09/2021

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



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



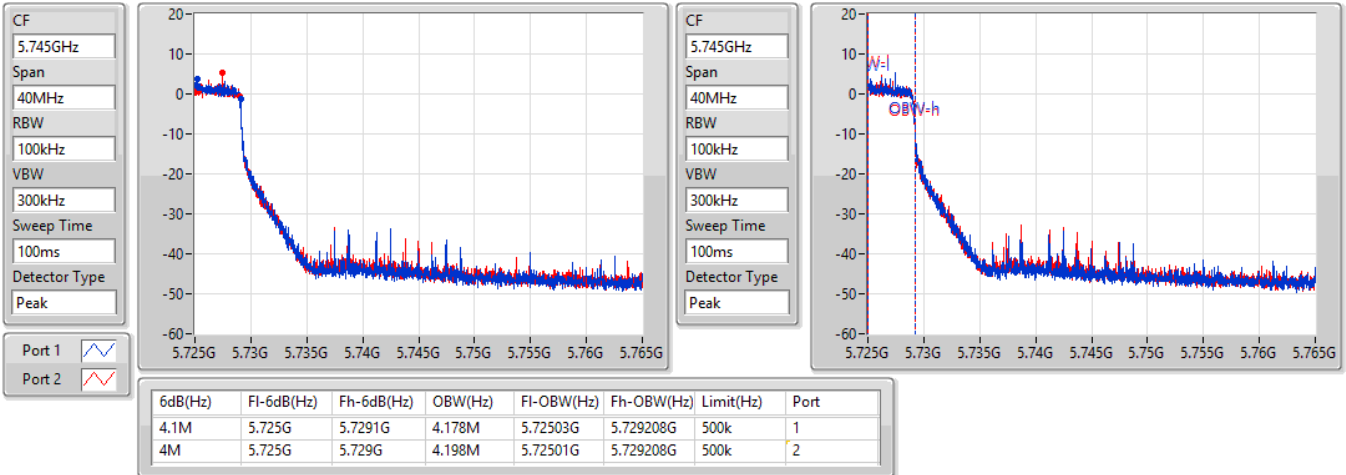
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.665M	5.689335G	5.725G	33.828M	5.69098G	5.724808G	Inf	1
35.56M	5.68944G	5.725G	33.828M	5.69098G	5.724808G	Inf	2

802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/09/2021

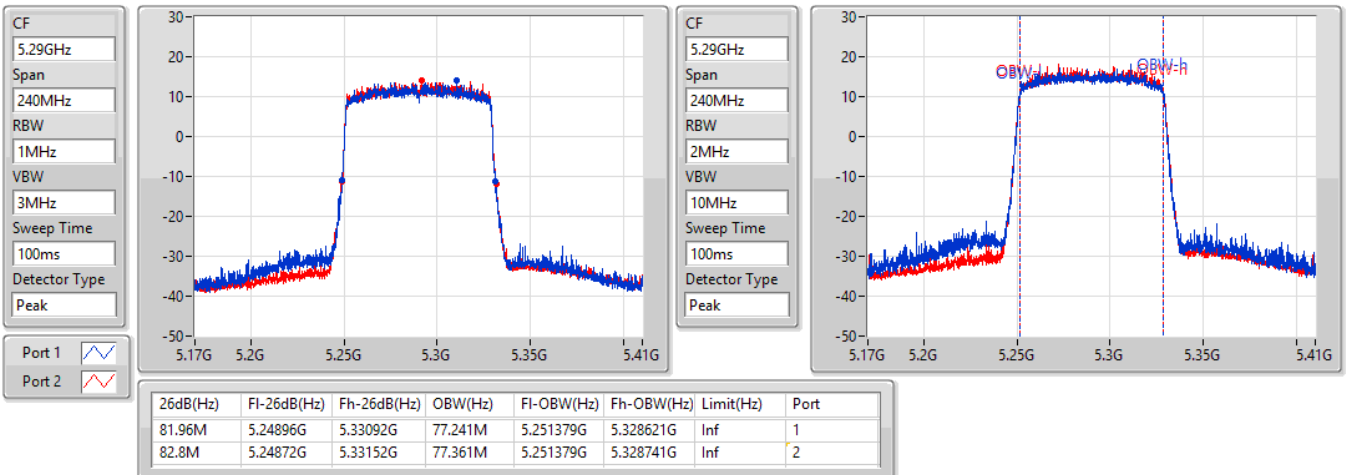


802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5290MHz

03/09/2021



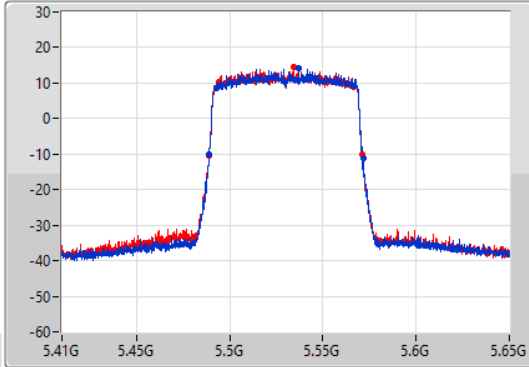
802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

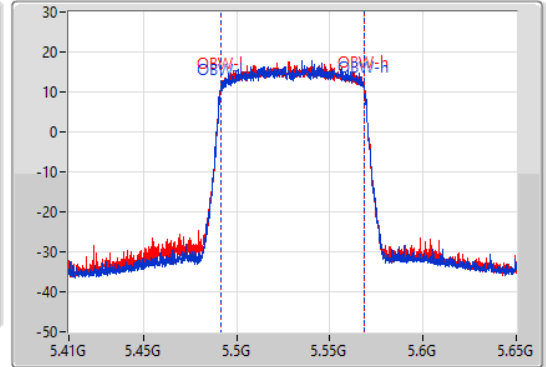
5530MHz

03/09/2021

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
82.56M	5.4892G	5.57176G	77.361M	5.491259G	5.568621G	Inf	1
81.96M	5.48908G	5.57104G	77.361M	5.491259G	5.568621G	Inf	2

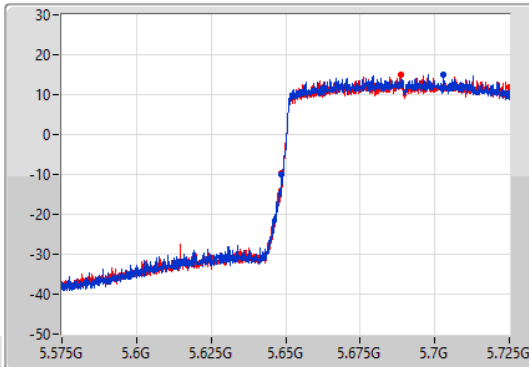
802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

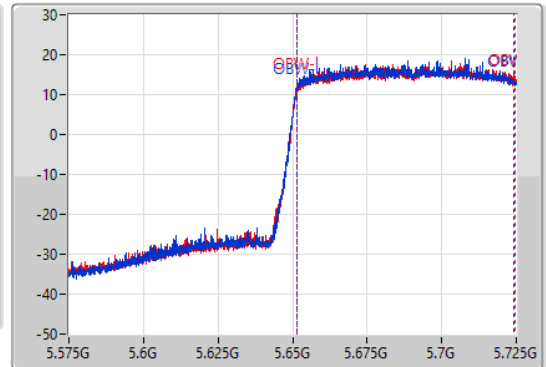
5690MHz Straddle 5.47-5.725GHz

03/09/2021

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



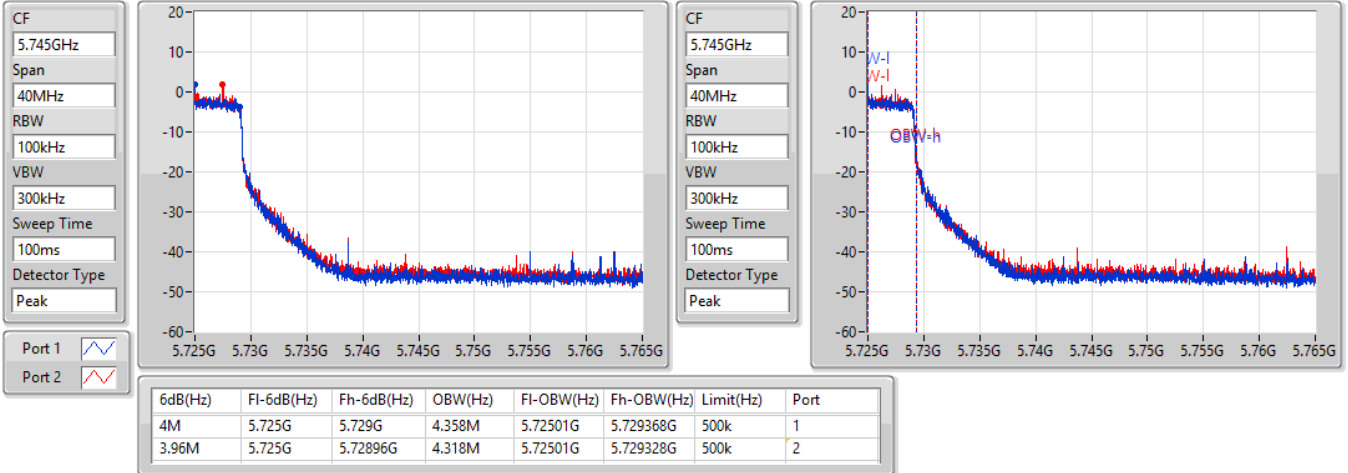
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.35M	5.64865G	5.725G	73.088M	5.651274G	5.724363G	Inf	1
76.275M	5.648725G	5.725G	73.088M	5.651424G	5.724513G	Inf	2

802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/09/2021



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	82.8M	78.041M	78MOD1D	82.16M	77.881M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.97M	16.702M	16M7D1D	20.22M	16.612M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.68M	19.16M	19M2D1D	21.96M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.74M	37.961M	38MOD1D	40.14M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.601M	77M6D1D	82.2M	77.121M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.28M	78.281M	78M3D1D	82.56M	78.041M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.94M	16.702M	16M7D1D	15.09M	13.313M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.41M	19.13M	19M1D1D	15.885M	14.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.68M	37.961M	38MOD1D	35.175M	33.723M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.04M	77.481M	77M5D1D	75.975M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.2M	3.678M	3M68D1D	3.2M	3.638M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.56M	4.658M	4M66D1D	4.5M	4.638M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.06M	4.198M	4M20D1D	4M	4.158M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.08M	7.796M	7M80D1D	4.06M	4.478M

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



**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.22M	16.642M	20.49M	16.642M	20.7M	16.672M	20.58M	16.642M
5300MHz	Pass	Inf	20.22M	16.642M	20.67M	16.642M	20.88M	16.702M	20.7M	16.672M
5320MHz	Pass	Inf	20.25M	16.672M	20.55M	16.612M	20.97M	16.672M	20.7M	16.672M
5500MHz	Pass	Inf	20.58M	16.672M	20.55M	16.612M	20.94M	16.702M	20.61M	16.642M
5580MHz	Pass	Inf	20.52M	16.702M	20.52M	16.612M	20.64M	16.702M	20.79M	16.672M
5700MHz	Pass	Inf	20.52M	16.672M	20.64M	16.672M	20.76M	16.672M	20.58M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.24M	13.328M	15.21M	13.313M	15.18M	13.328M	15.09M	13.313M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.658M	3.2M	3.678M	3.2M	3.678M	3.2M	3.638M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.02M	19.1M	22.68M	19.16M	22.17M	19.13M	22.47M	19.07M
5300MHz	Pass	Inf	21.96M	19.13M	22.53M	19.13M	22.05M	19.1M	22.2M	19.04M
5320MHz	Pass	Inf	22.05M	19.13M	22.62M	19.1M	22.32M	19.07M	22.14M	19.04M
5500MHz	Pass	Inf	21.72M	19.13M	22.38M	19.13M	22.08M	19.07M	22.41M	19.07M
5580MHz	Pass	Inf	22.2M	19.1M	22.32M	19.13M	22.26M	19.07M	22.26M	19.13M
5700MHz	Pass	Inf	22.17M	19.1M	22.41M	19.13M	22.14M	19.07M	22.29M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	14.513M	16.155M	14.513M	16.05M	14.498M	16.095M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.638M	4.5M	4.658M	4.54M	4.658M	4.56M	4.638M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.14M	37.721M	40.38M	37.781M	40.38M	37.781M	40.38M	37.901M
5310MHz	Pass	Inf	40.5M	37.721M	40.38M	37.781M	40.32M	37.901M	40.74M	37.961M
5510MHz	Pass	Inf	40.56M	37.781M	40.2M	37.841M	40.38M	37.961M	40.68M	37.841M
5550MHz	Pass	Inf	40.38M	37.781M	40.32M	37.781M	40.32M	37.841M	40.44M	37.841M
5670MHz	Pass	Inf	40.44M	37.841M	40.26M	37.781M	40.44M	37.841M	40.32M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.758M	35.175M	33.723M	35.175M	33.793M	35.315M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.158M	4.04M	4.198M	4.04M	4.198M	4.06M	4.198M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.241M	82.2M	77.121M	82.32M	77.481M	82.68M	77.601M
5530MHz	Pass	Inf	83.04M	77.241M	83.04M	77.361M	82.44M	77.481M	82.32M	77.481M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.238M	76.05M	73.163M	76.05M	73.238M	76.425M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.478M	4.08M	4.918M	4.06M	4.918M	4.08M	7.796M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.8M	77.881M	82.24M	77.881M	82.64M	77.881M	82.16M	78.041M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.28M	78.041M	82.56M	78.121M	83.12M	78.201M	82.72M	78.281M

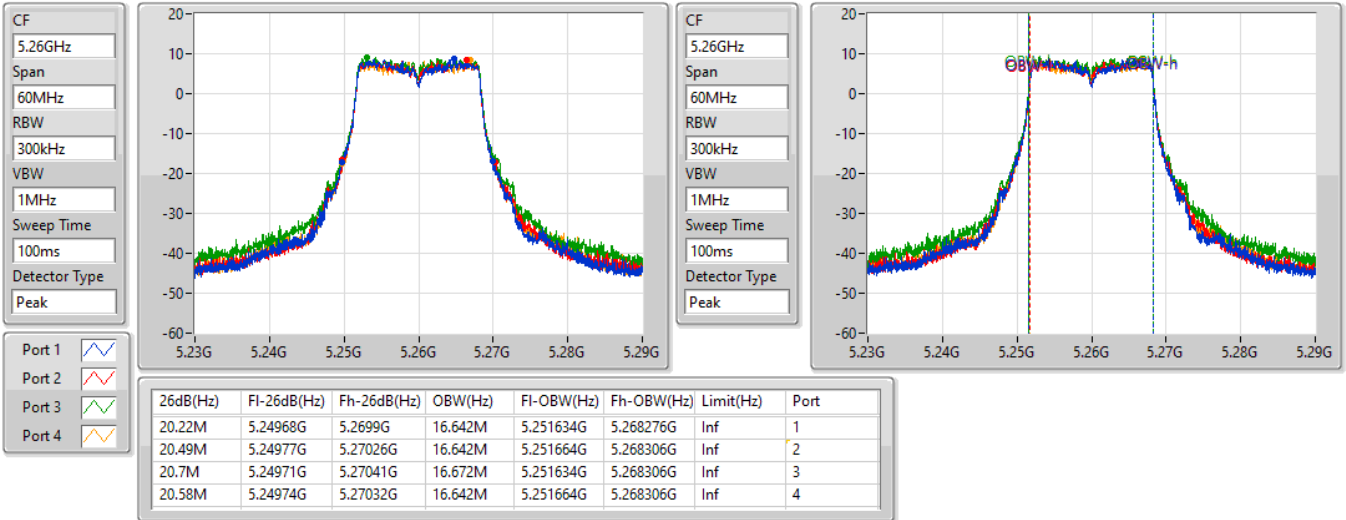
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5260MHz

07/09/2021

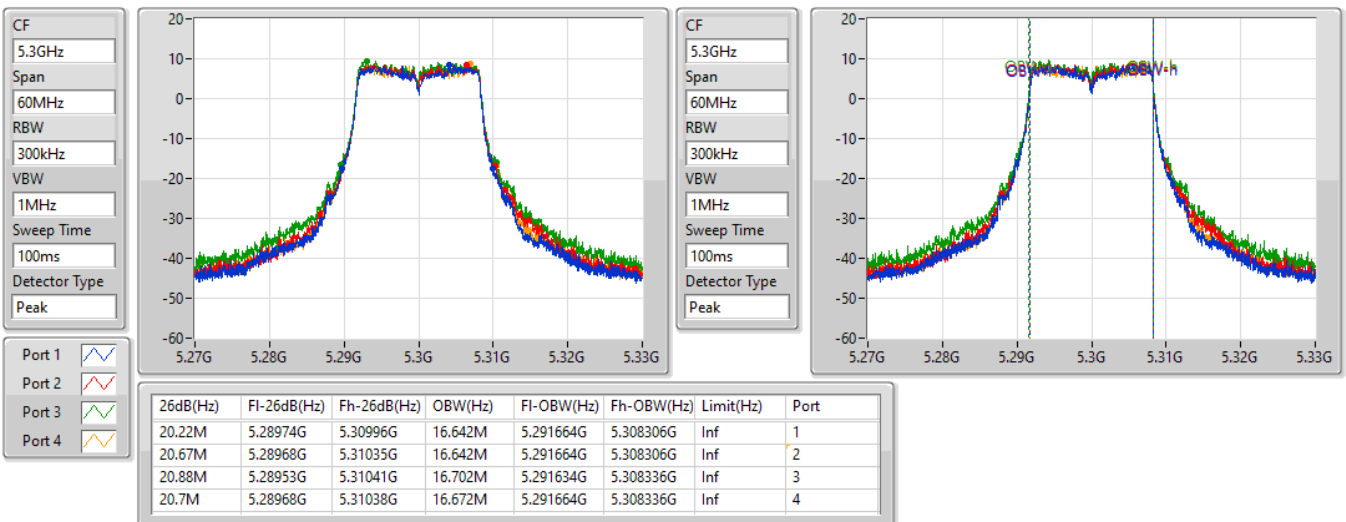


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5300MHz

07/09/2021



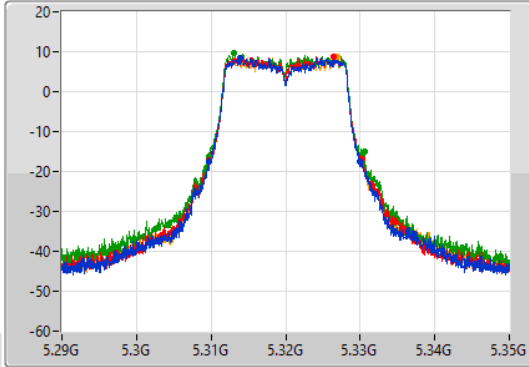
802.11a\_Nss1,(6Mbps)\_4TX

EBW

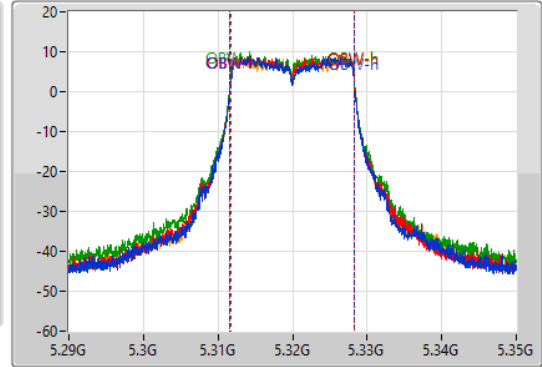
5320MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.30968G	5.32993G	16.672M	5.311634G	5.328306G	Inf	1
20.55M	5.30971G	5.33026G	16.612M	5.311664G	5.328276G	Inf	2
20.97M	5.30968G	5.33065G	16.672M	5.311634G	5.328306G	Inf	3
20.7M	5.30965G	5.33035G	16.672M	5.311634G	5.328306G	Inf	4

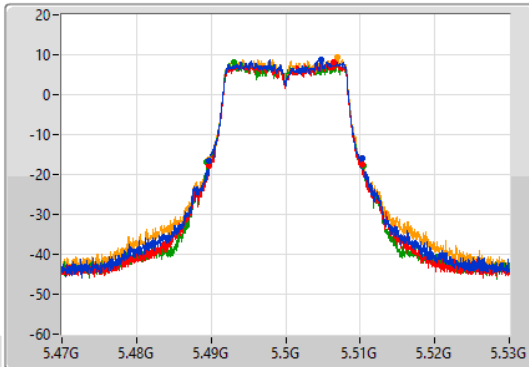
802.11a\_Nss1,(6Mbps)\_4TX

EBW

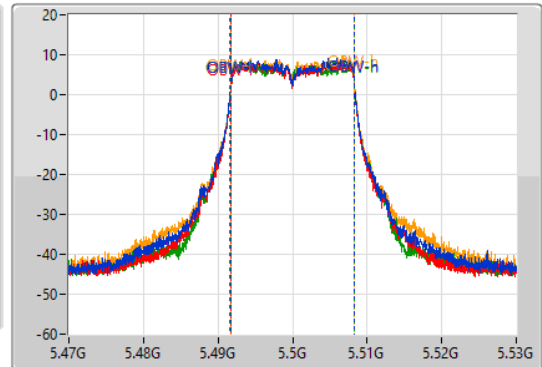
5500MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.48968G	5.51026G	16.672M	5.491664G	5.508336G	Inf	1
20.55M	5.48974G	5.51029G	16.612M	5.491694G	5.508306G	Inf	2
20.94M	5.48944G	5.51038G	16.702M	5.491634G	5.508336G	Inf	3
20.61M	5.48971G	5.51032G	16.642M	5.491694G	5.508336G	Inf	4

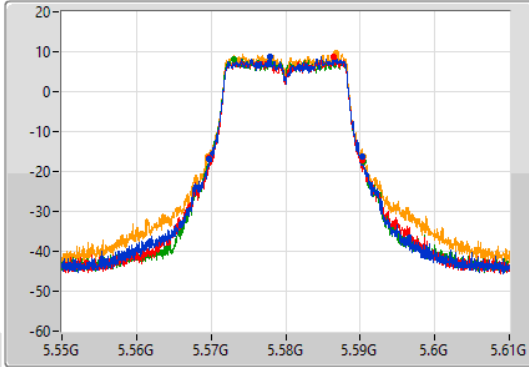
802.11a\_Nss1,(6Mbps)\_4TX

EBW

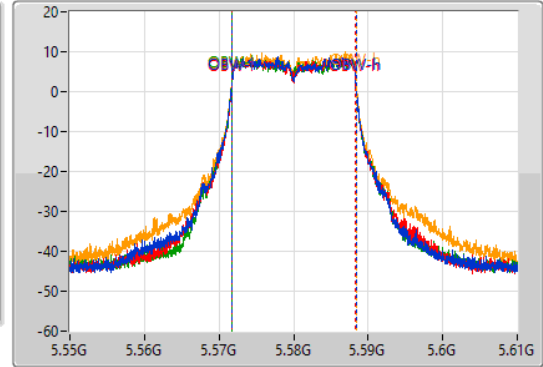
5580MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.56968G	5.5902G	16.702M	5.571664G	5.588366G	Inf	1
20.52M	5.5698G	5.59032G	16.612M	5.571724G	5.588336G	Inf	2
20.64M	5.56977G	5.59041G	16.702M	5.571664G	5.588366G	Inf	3
20.79M	5.56962G	5.59041G	16.672M	5.571694G	5.588366G	Inf	4

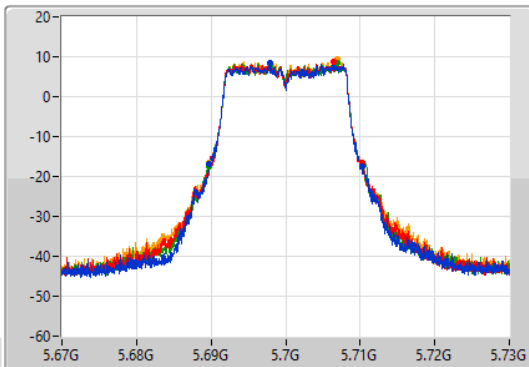
802.11a\_Nss1,(6Mbps)\_4TX

EBW

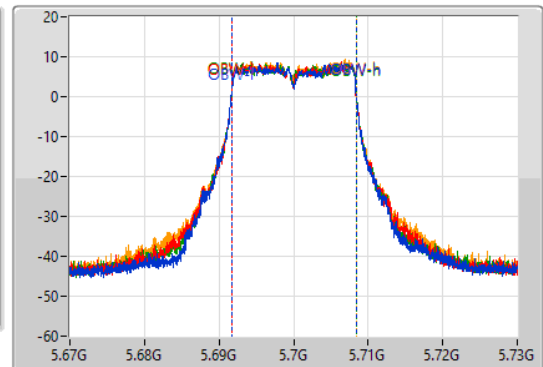
5700MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

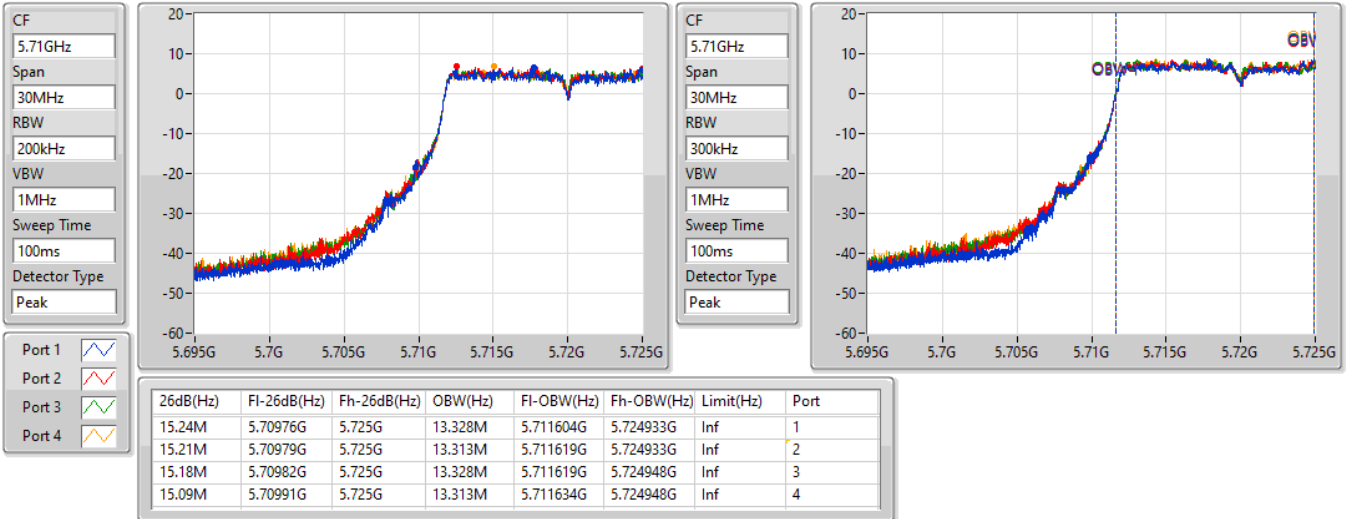
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.68968G	5.7102G	16.672M	5.691694G	5.708366G	Inf	1
20.64M	5.68971G	5.71035G	16.672M	5.691694G	5.708366G	Inf	2
20.76M	5.68968G	5.71044G	16.672M	5.691694G	5.708366G	Inf	3
20.58M	5.68977G	5.71035G	16.642M	5.691724G	5.708366G	Inf	4

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/09/2021

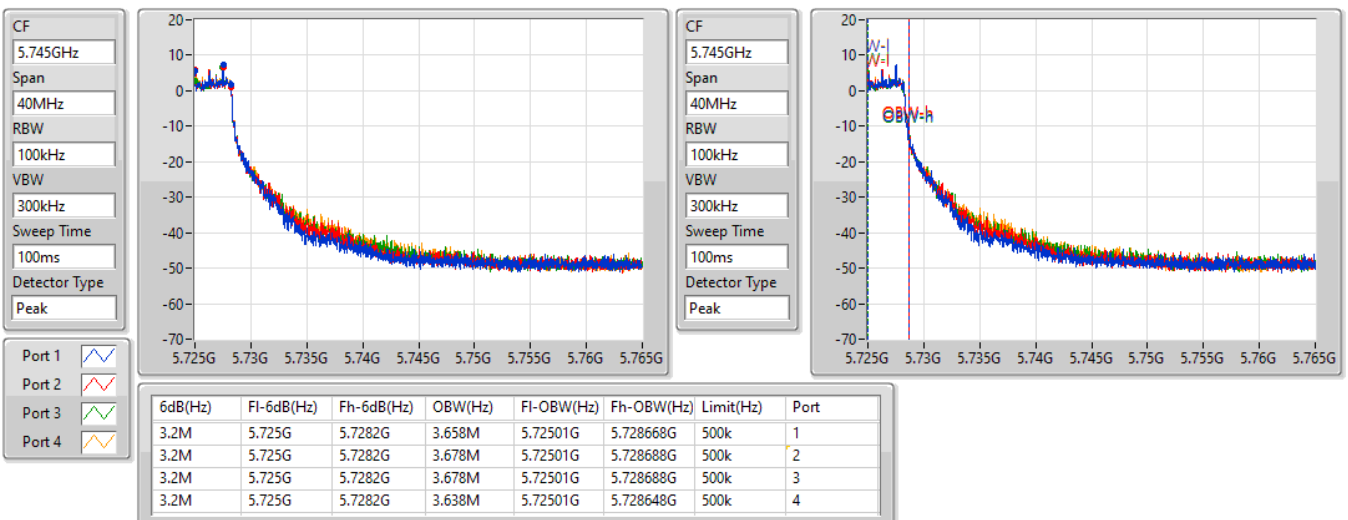


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2021



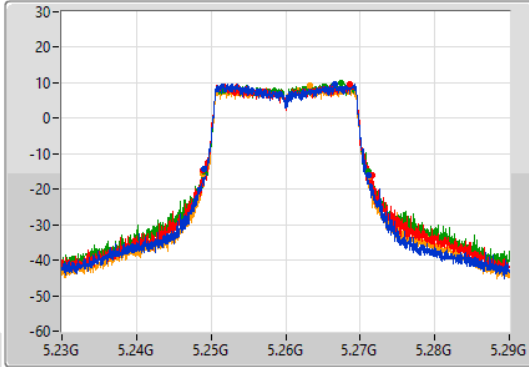
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

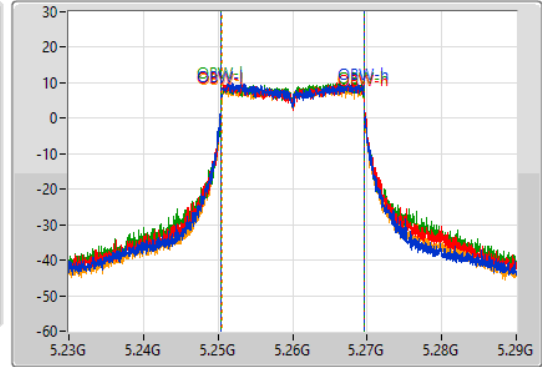
5260MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.24911G	5.27113G	19.1M	5.250465G	5.269565G	Inf	1
22.68M	5.24893G	5.27161G	19.16M	5.250465G	5.269625G	Inf	2
22.17M	5.24902G	5.27119G	19.13M	5.250465G	5.269595G	Inf	3
22.47M	5.24881G	5.27128G	19.07M	5.250495G	5.269565G	Inf	4

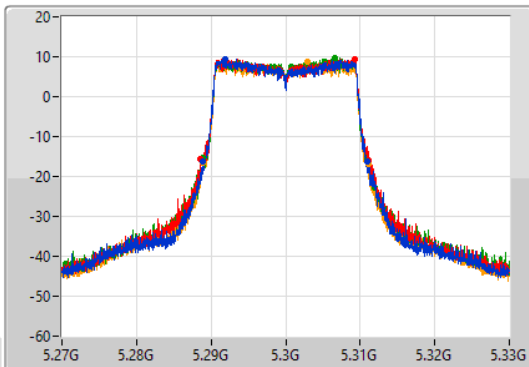
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

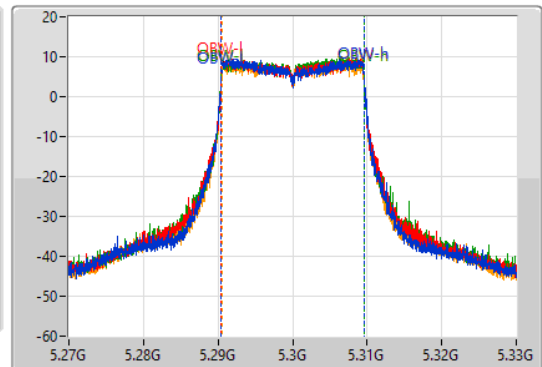
5300MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.28893G	5.31089G	19.13M	5.290435G	5.309565G	Inf	1
22.53M	5.28863G	5.31116G	19.13M	5.290435G	5.309565G	Inf	2
22.05M	5.28896G	5.31101G	19.1M	5.290465G	5.309565G	Inf	3
22.2M	5.28887G	5.31107G	19.04M	5.290495G	5.309535G	Inf	4

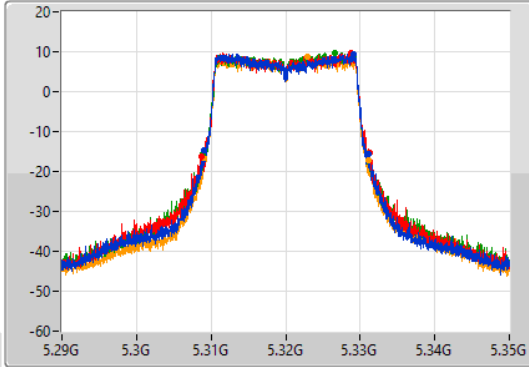
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

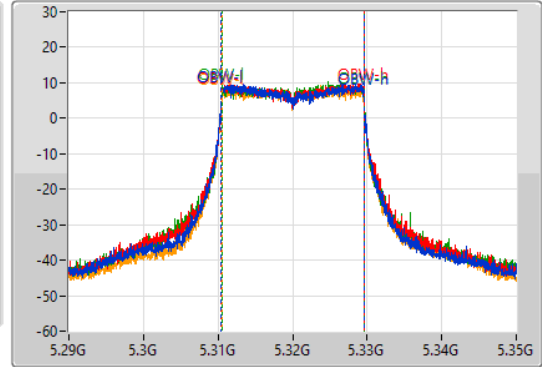
5320MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.30902G	5.33107G	19.13M	5.310465G	5.329595G	Inf	1
22.62M	5.30872G	5.33134G	19.1M	5.310465G	5.329565G	Inf	2
22.32M	5.3089G	5.33122G	19.07M	5.310495G	5.329565G	Inf	3
22.14M	5.30899G	5.33113G	19.04M	5.310495G	5.329535G	Inf	4

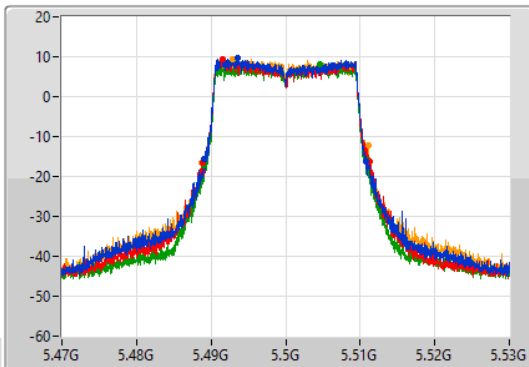
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

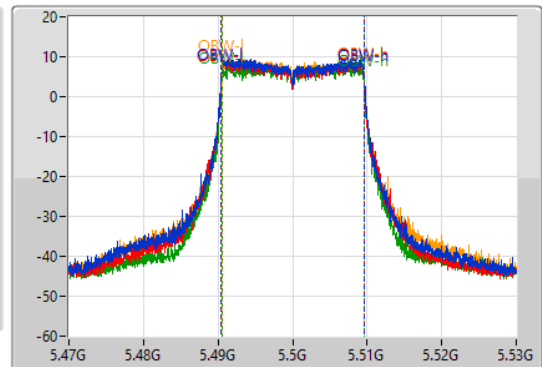
5500MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.48905G	5.51077G	19.13M	5.490465G	5.509595G	Inf	1
22.38M	5.48887G	5.51125G	19.13M	5.490465G	5.509595G	Inf	2
22.08M	5.48905G	5.51113G	19.07M	5.490495G	5.509565G	Inf	3
22.41M	5.48869G	5.5111G	19.07M	5.490495G	5.509565G	Inf	4

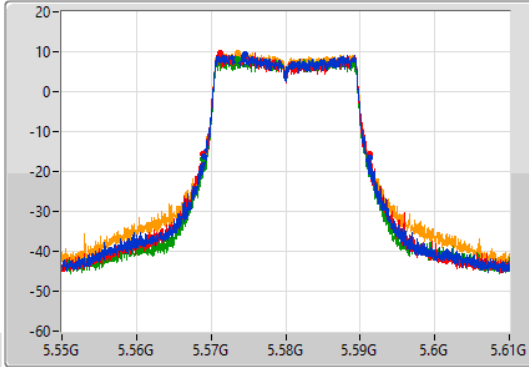
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

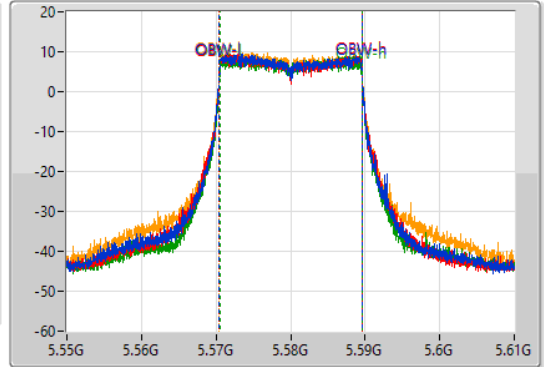
5580MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.2M	5.56902G	5.59122G	19.1M	5.570465G	5.589565G	Inf	1
22.32M	5.56893G	5.59125G	19.13M	5.570435G	5.589565G	Inf	2
22.26M	5.56884G	5.5911G	19.07M	5.570495G	5.589565G	Inf	3
22.26M	5.56899G	5.59125G	19.13M	5.570465G	5.589595G	Inf	4

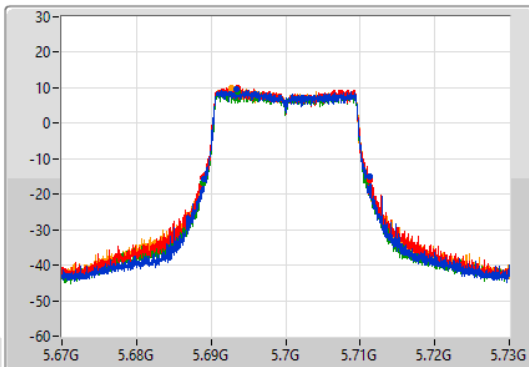
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

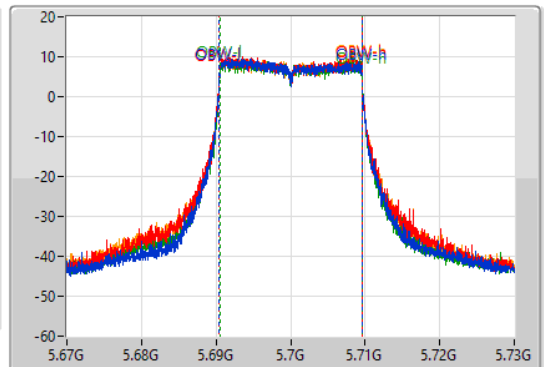
5700MHz

07/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.17M	5.68908G	5.71125G	19.1M	5.690465G	5.709565G	Inf	1
22.41M	5.68881G	5.71122G	19.13M	5.690435G	5.709565G	Inf	2
22.14M	5.68881G	5.71095G	19.07M	5.690495G	5.709565G	Inf	3
22.29M	5.68896G	5.71125G	19.1M	5.690465G	5.709565G	Inf	4

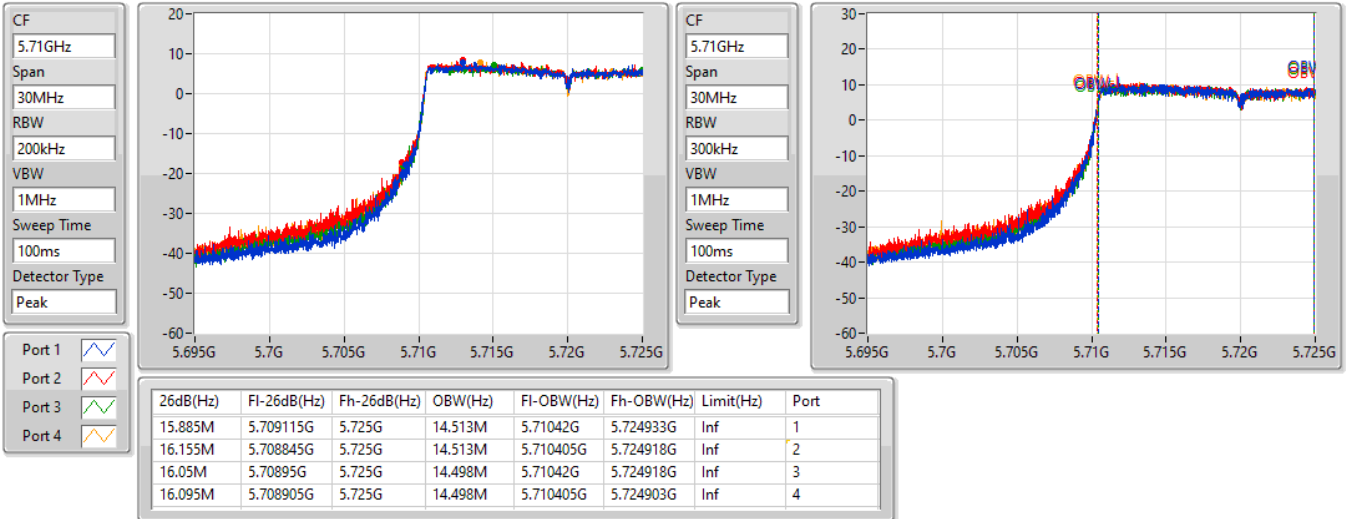


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/09/2021

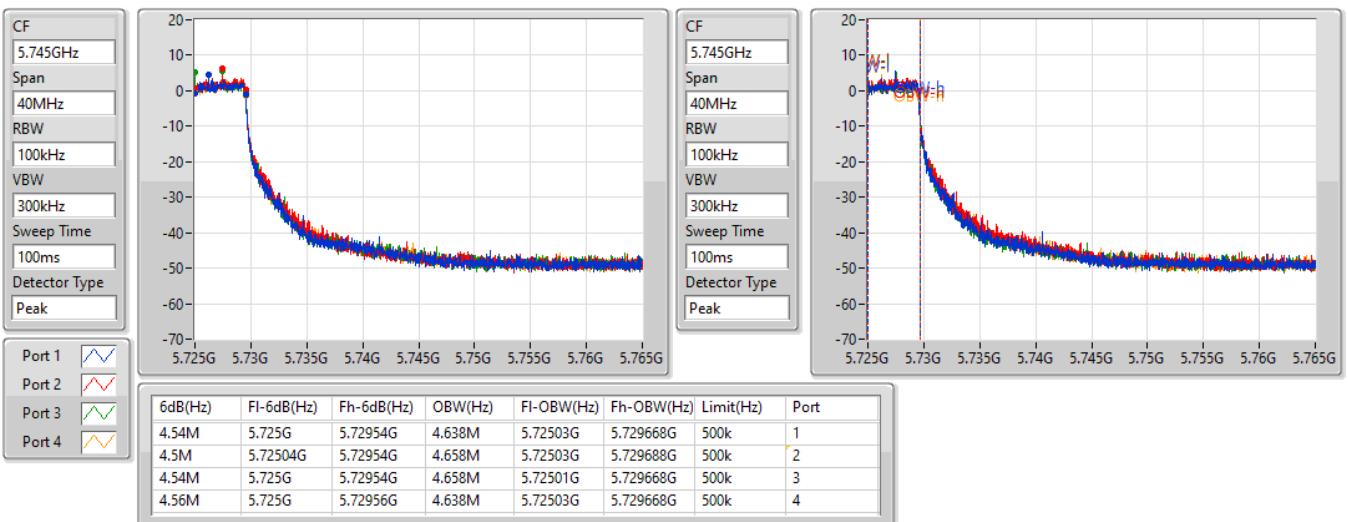


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2021



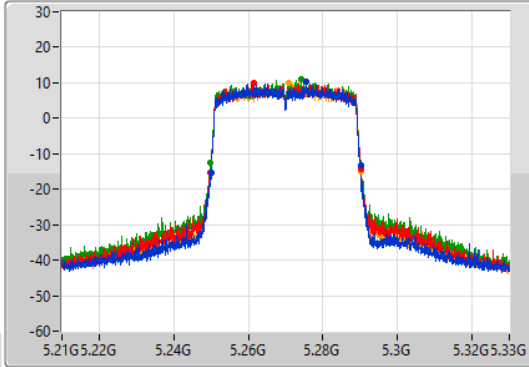
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

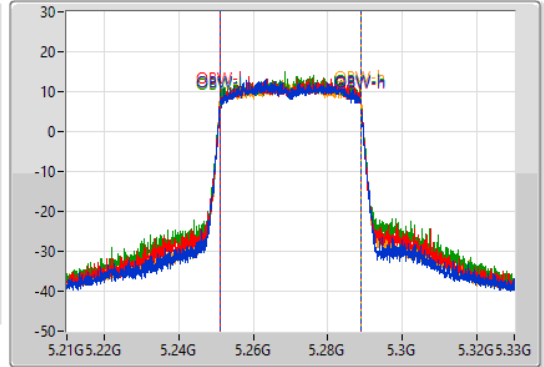
5270MHz

07/09/2021

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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.25002G	5.29016G	37.721M	5.251109G	5.288831G	Inf	1
40.38M	5.2499G	5.29028G	37.781M	5.251109G	5.288891G	Inf	2
40.38M	5.2499G	5.29028G	37.781M	5.251109G	5.288891G	Inf	3
40.38M	5.24984G	5.29022G	37.901M	5.251049G	5.288951G	Inf	4

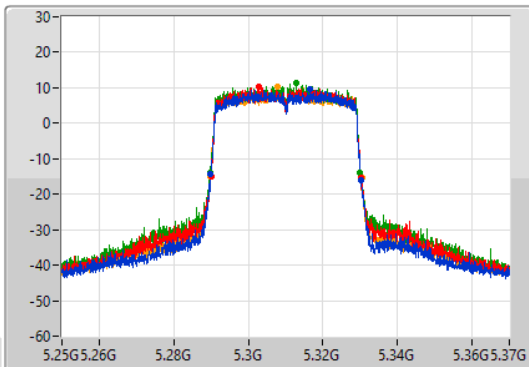
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

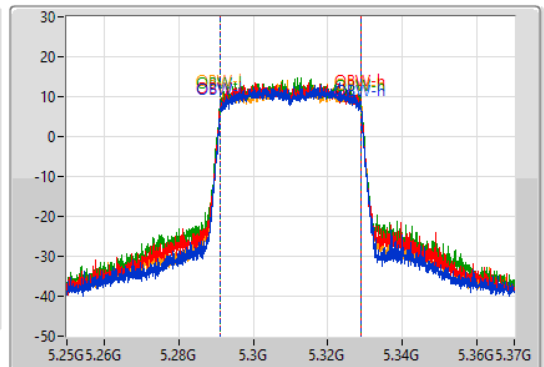
5310MHz

07/09/2021

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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.28984G	5.33034G	37.721M	5.291169G	5.328891G	Inf	1
40.38M	5.28996G	5.33034G	37.781M	5.291109G	5.328891G	Inf	2
40.32M	5.28972G	5.33004G	37.901M	5.291049G	5.328951G	Inf	3
40.74M	5.28972G	5.33046G	37.961M	5.291049G	5.32901G	Inf	4

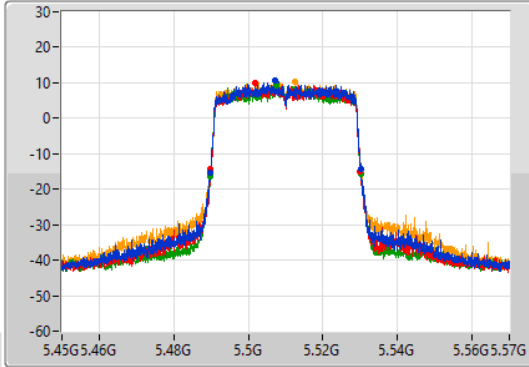
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

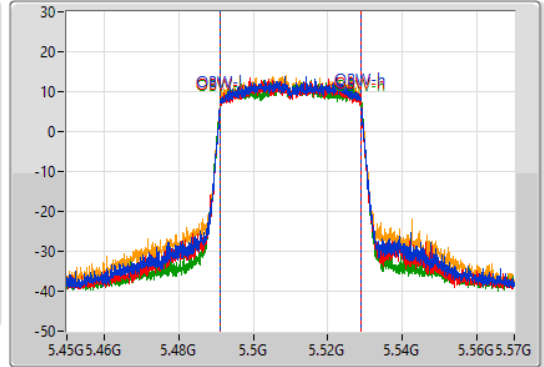
5510MHz

07/09/2021

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.48966G	5.53022G	37.781M	5.491169G	5.528951G	Inf	1
40.2M	5.48984G	5.53004G	37.841M	5.491109G	5.528951G	Inf	2
40.38M	5.48972G	5.5301G	37.961M	5.491049G	5.52901G	Inf	3
40.68M	5.48966G	5.53034G	37.841M	5.491109G	5.528951G	Inf	4

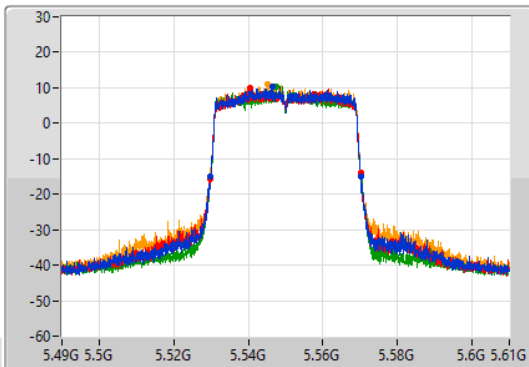
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

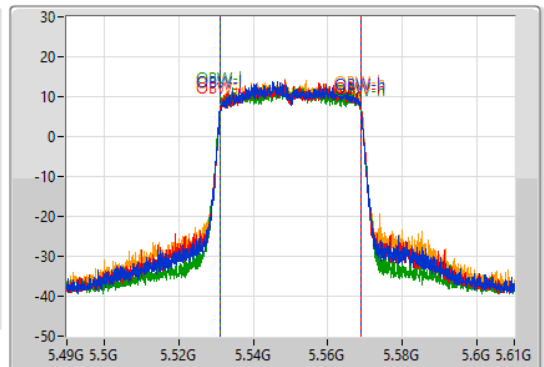
5550MHz

07/09/2021

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.5299G	5.57028G	37.781M	5.531109G	5.568891G	Inf	1
40.32M	5.5299G	5.57022G	37.781M	5.531169G	5.568951G	Inf	2
40.32M	5.52984G	5.57016G	37.841M	5.531109G	5.568951G	Inf	3
40.44M	5.52972G	5.57016G	37.841M	5.531109G	5.568951G	Inf	4

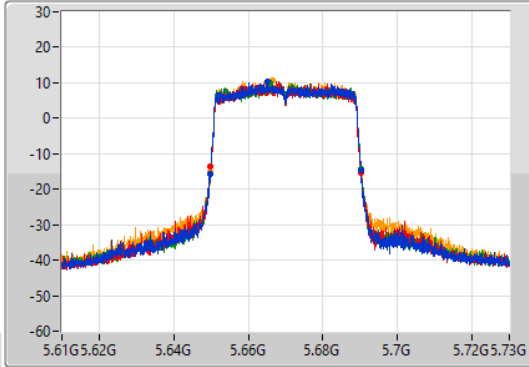
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

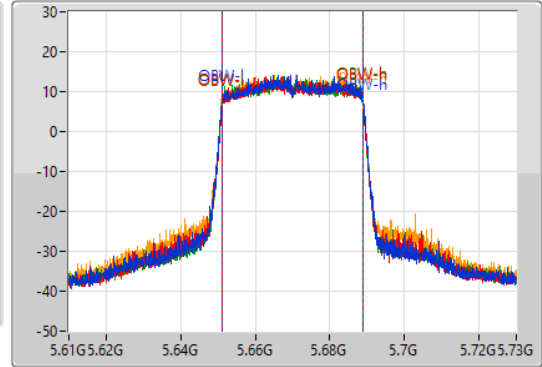
5670MHz

08/09/2021

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.64984G	5.69028G	37.841M	5.651109G	5.688951G	Inf	1
40.26M	5.6499G	5.69016G	37.781M	5.651169G	5.688951G	Inf	2
40.44M	5.64984G	5.69028G	37.841M	5.651109G	5.688951G	Inf	3
40.32M	5.64984G	5.69016G	37.901M	5.651049G	5.688951G	Inf	4

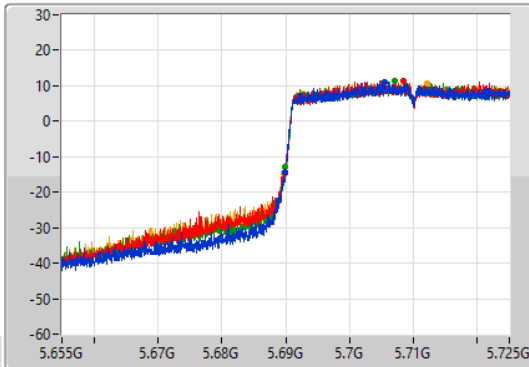
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

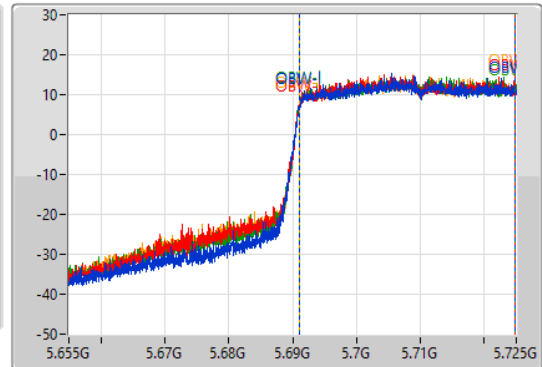
5710MHz Straddle 5.47-5.725GHz

08/09/2021

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.758M	5.691049G	5.724808G	Inf	1
35.175M	5.689825G	5.725G	33.723M	5.691084G	5.724808G	Inf	2
35.175M	5.689825G	5.725G	33.793M	5.691049G	5.724843G	Inf	3
35.315M	5.689685G	5.725G	33.758M	5.691049G	5.724808G	Inf	4

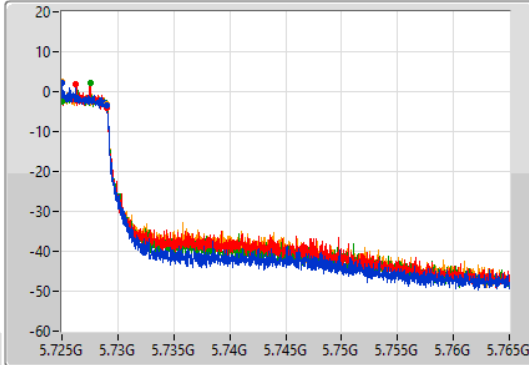
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

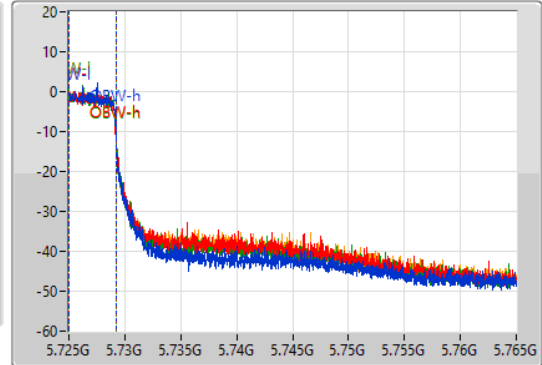
5710MHz Straddle 5.725-5.85GHz

08/09/2021

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



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	4.158M	5.72503G	5.729188G	500k	1
4.04M	5.725G	5.72904G	4.198M	5.72501G	5.729208G	500k	2
4.04M	5.725G	5.72904G	4.198M	5.72501G	5.729208G	500k	3
4.06M	5.725G	5.72906G	4.198M	5.72501G	5.729208G	500k	4

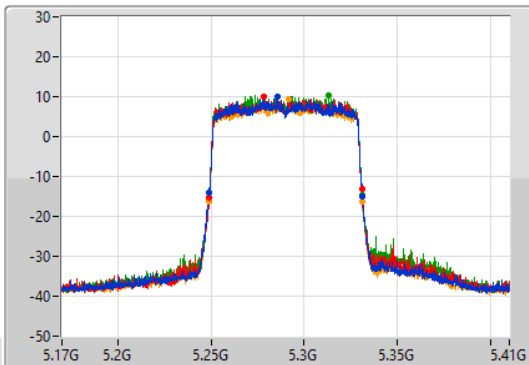
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

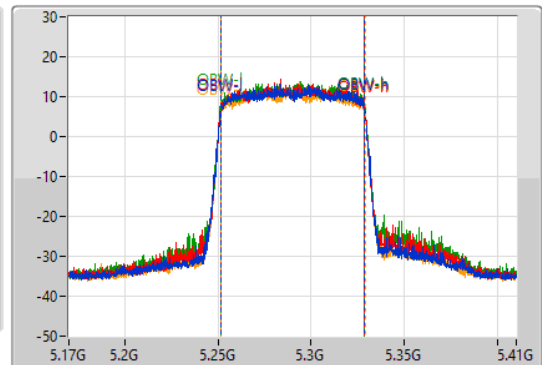
5290MHz

08/09/2021

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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.24872G	5.33116G	77.241M	5.251379G	5.328621G	Inf	1
82.2M	5.24872G	5.33092G	77.121M	5.251499G	5.328621G	Inf	2
82.32M	5.24872G	5.33104G	77.481M	5.251259G	5.328741G	Inf	3
82.68M	5.2486G	5.33128G	77.601M	5.251259G	5.328861G	Inf	4

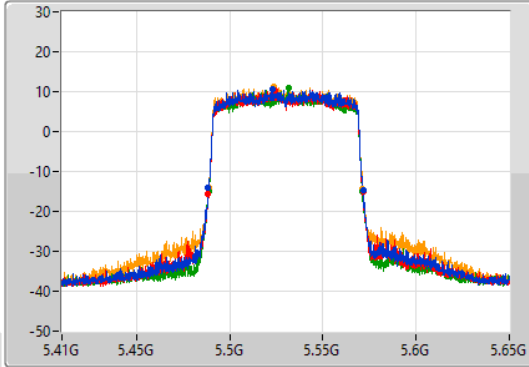
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

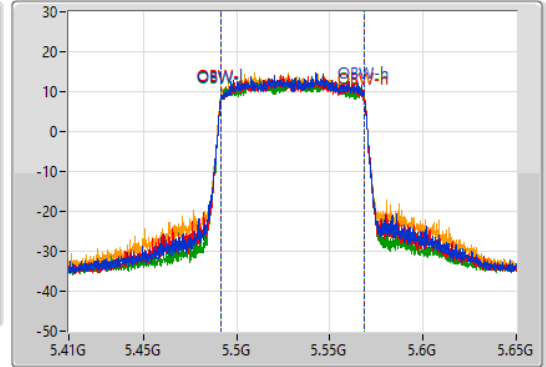
5530MHz

08/09/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.04M	5.48848G	5.57152G	77.241M	5.491379G	5.568621G	Inf	1
83.04M	5.48848G	5.57152G	77.361M	5.491379G	5.568741G	Inf	2
82.44M	5.48884G	5.57128G	77.481M	5.491259G	5.568741G	Inf	3
82.32M	5.48872G	5.57104G	77.481M	5.491259G	5.568741G	Inf	4

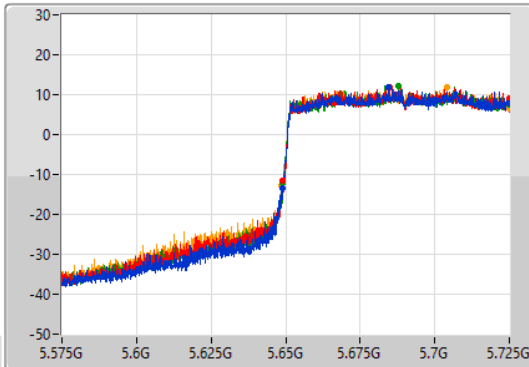
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

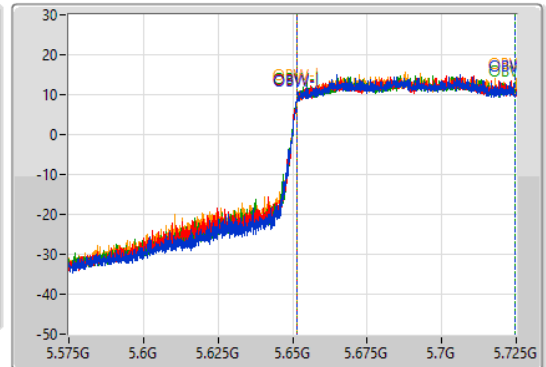
5690MHz Straddle 5.47-5.725GHz

08/09/2021

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



Port 1  
Port 2  
Port 3  
Port 4

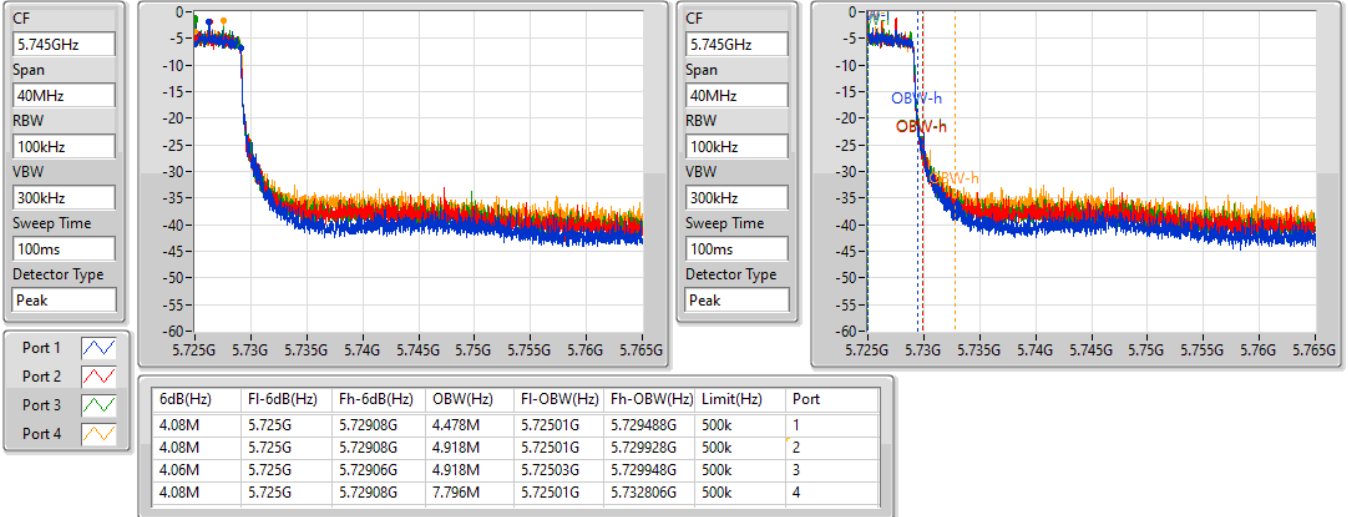
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.975M	5.649025G	5.725G	73.238M	5.651274G	5.724513G	Inf	1
76.05M	5.64895G	5.725G	73.163M	5.651349G	5.724513G	Inf	2
76.05M	5.64895G	5.725G	73.238M	5.651274G	5.724513G	Inf	3
76.425M	5.648575G	5.725G	73.313M	5.651274G	5.724588G	Inf	4

802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

08/09/2021

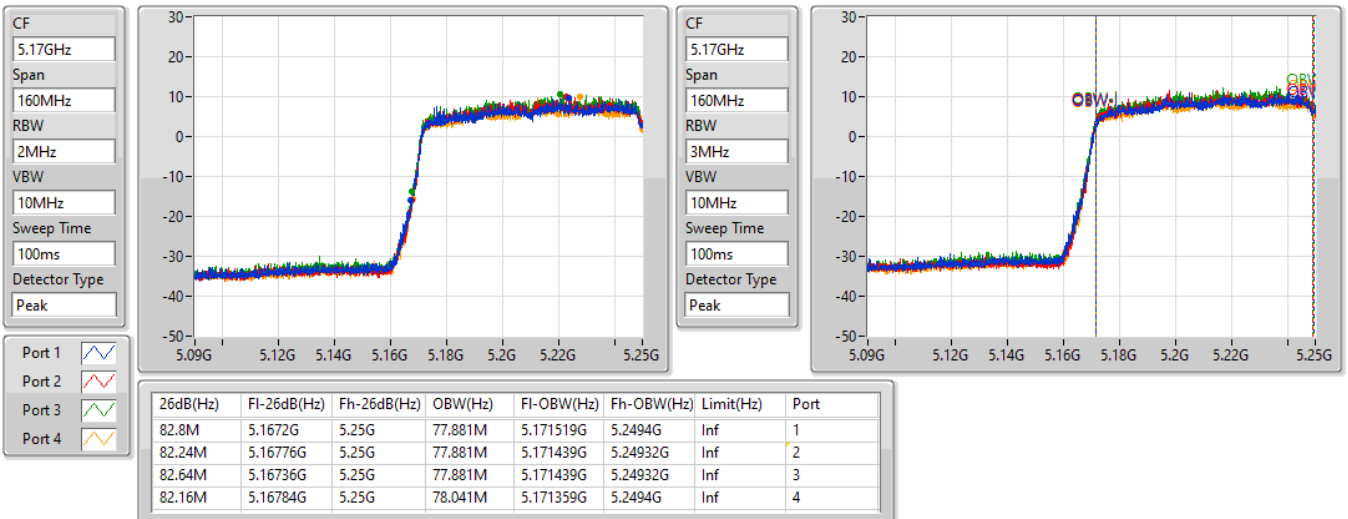


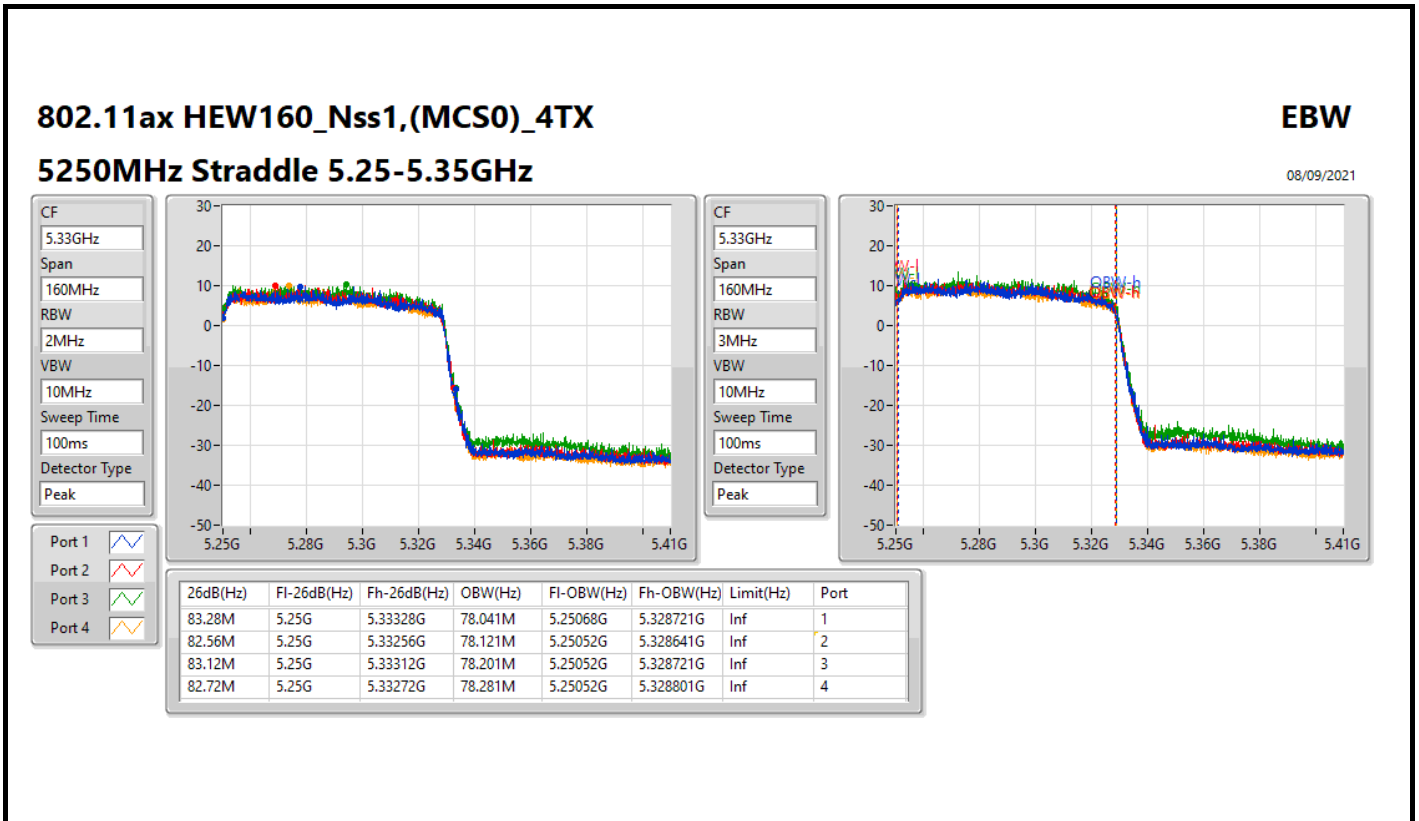
802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

08/09/2021









Summary

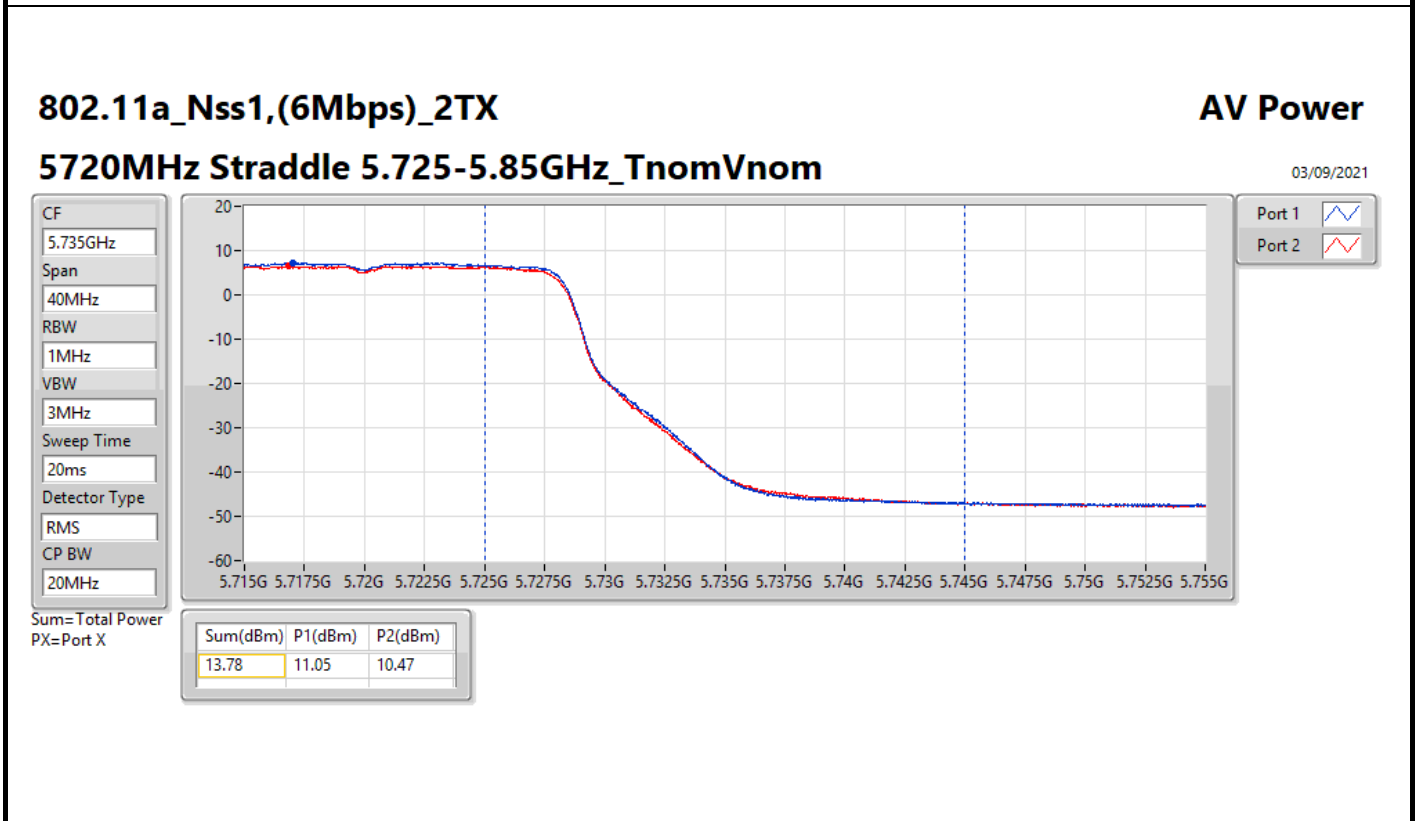
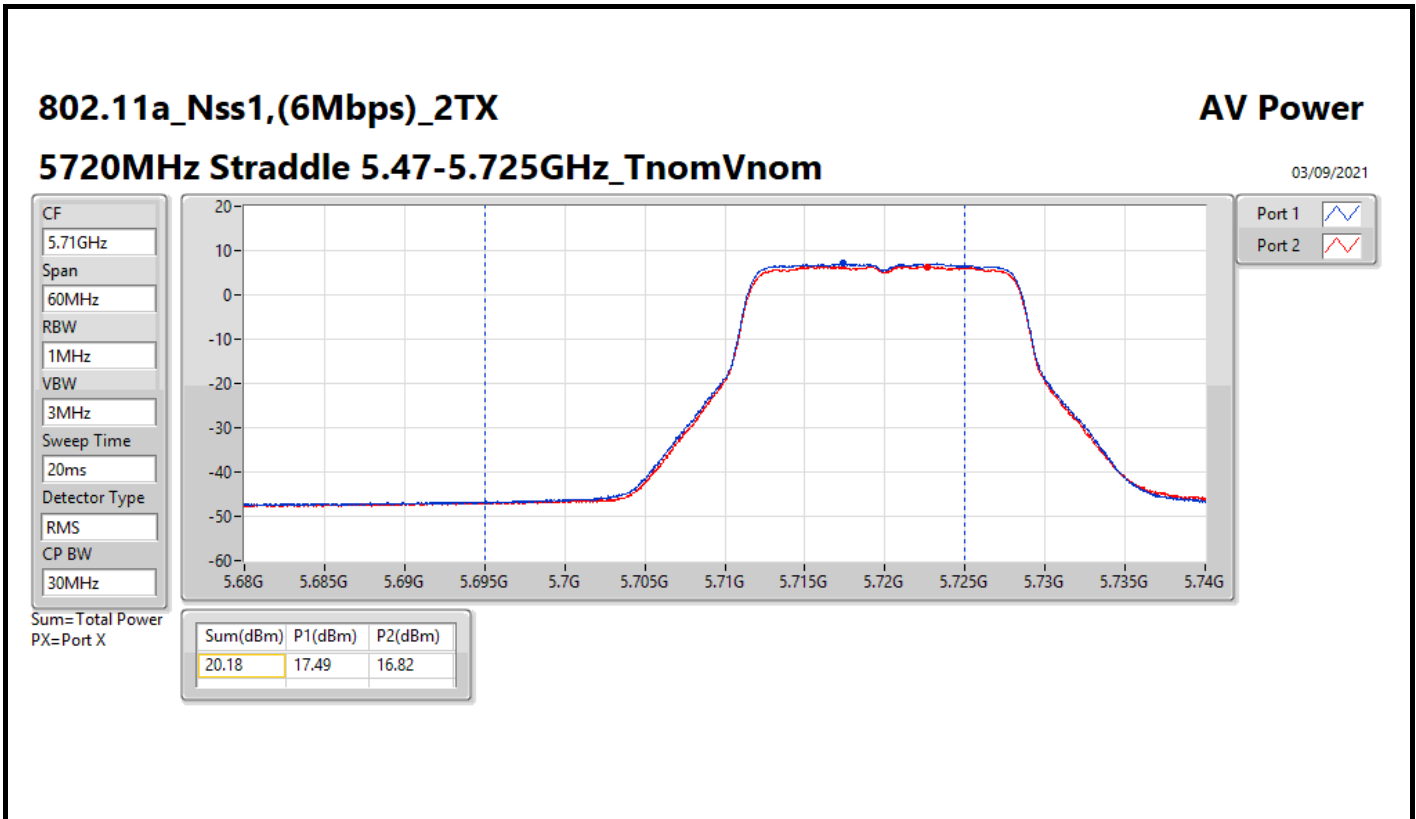
Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.45	0.13964
802.11ax HEW20_Nss1,(MCS0)_2TX	22.32	0.17061
802.11ax HEW40_Nss1,(MCS0)_2TX	23.61	0.22961
802.11ax HEW80_Nss1,(MCS0)_2TX	23.89	0.24491
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.32	0.13552
802.11ax HEW20_Nss1,(MCS0)_2TX	22.24	0.16749
802.11ax HEW40_Nss1,(MCS0)_2TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_2TX	23.76	0.23768
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.78	0.02388
802.11ax HEW20_Nss1,(MCS0)_2TX	15.17	0.03289
802.11ax HEW40_Nss1,(MCS0)_2TX	13.78	0.02388
802.11ax HEW80_Nss1,(MCS0)_2TX	9.78	0.00951

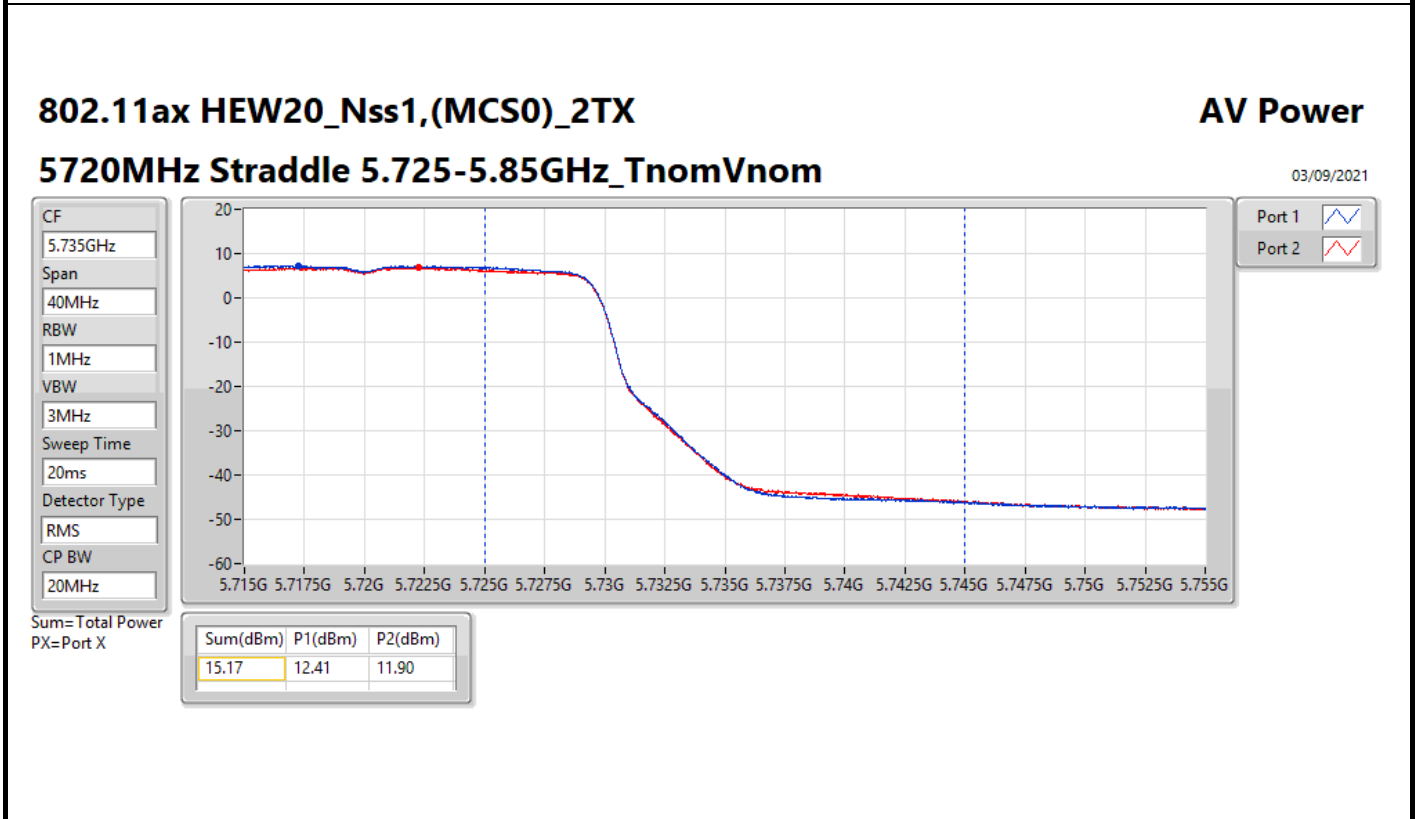
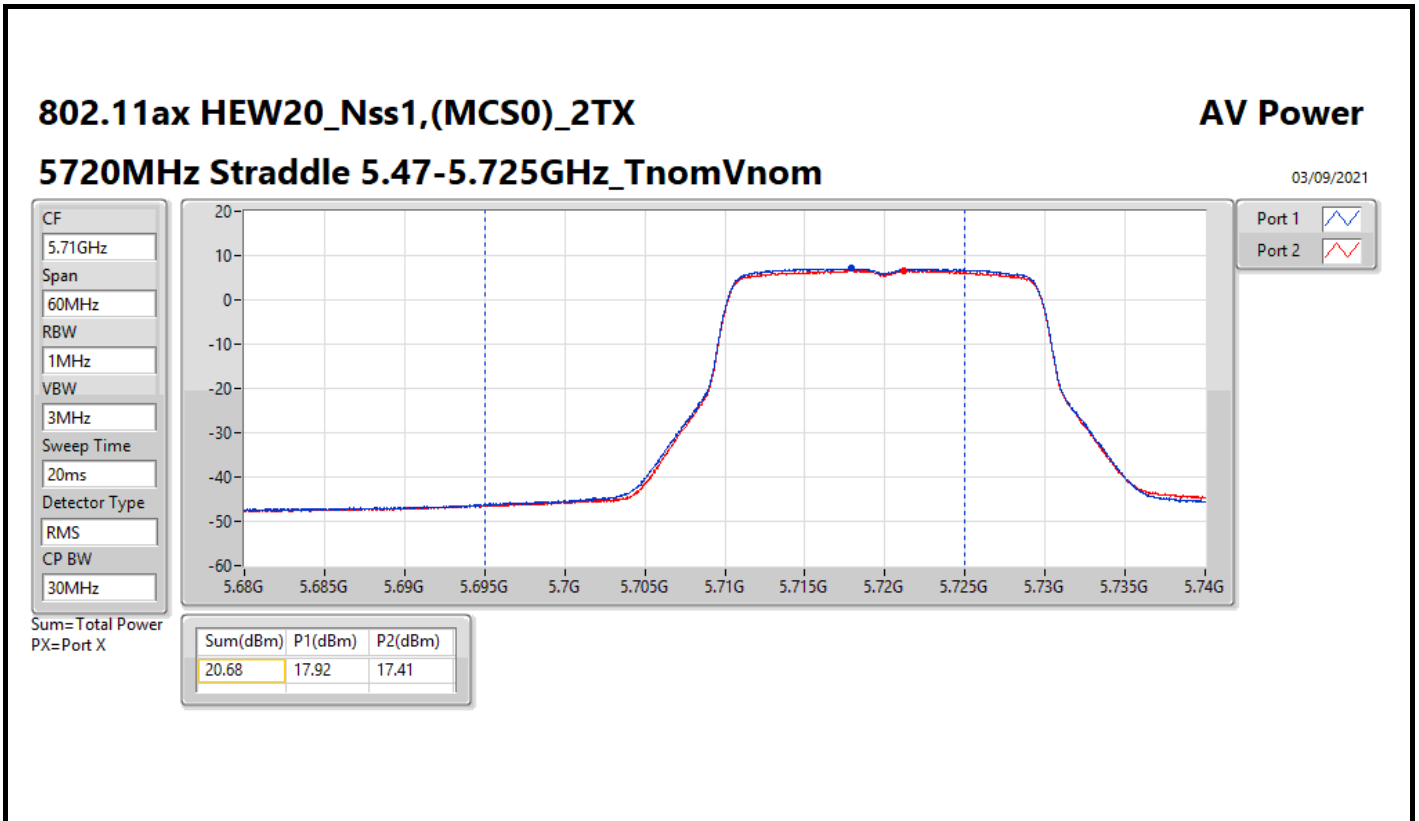


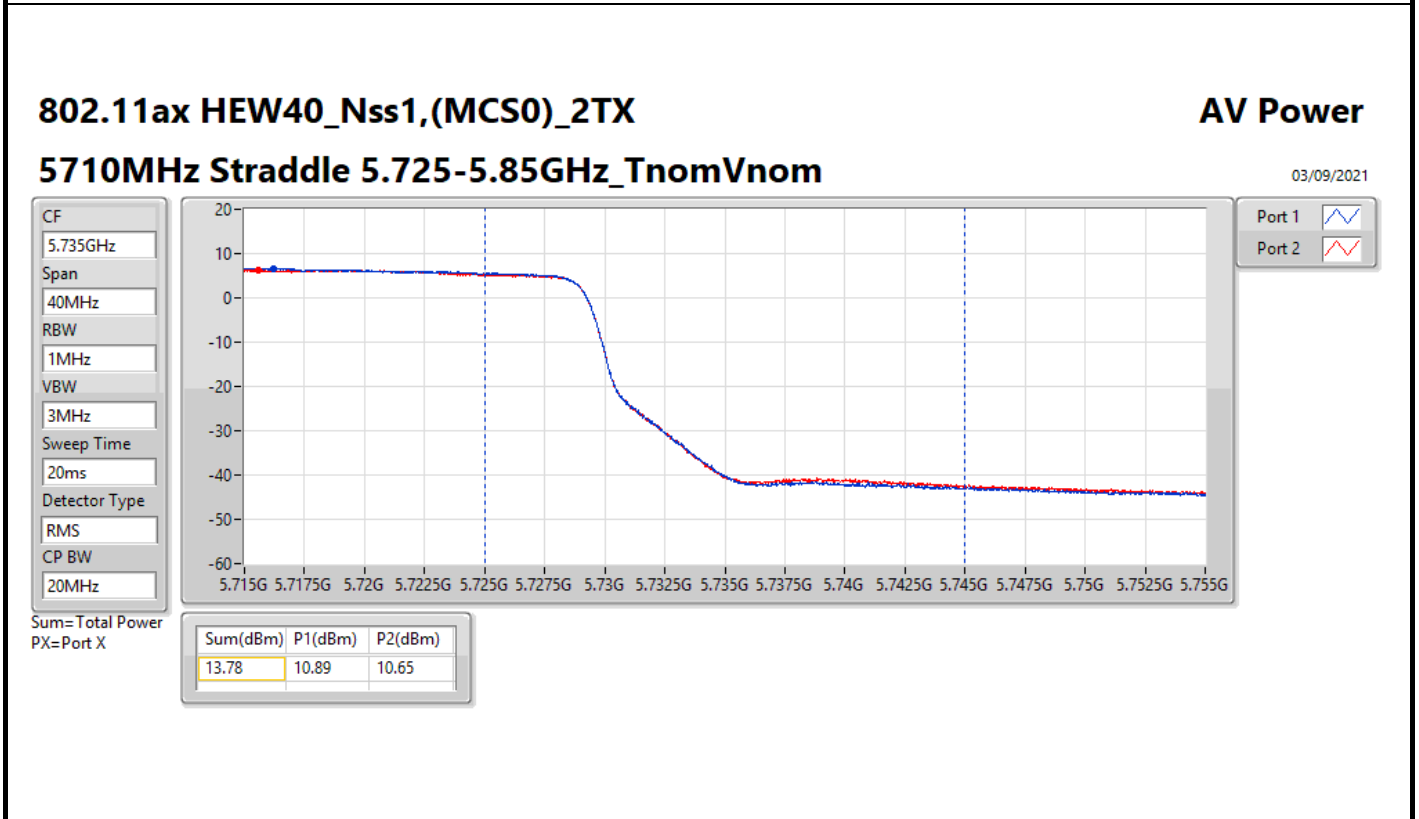
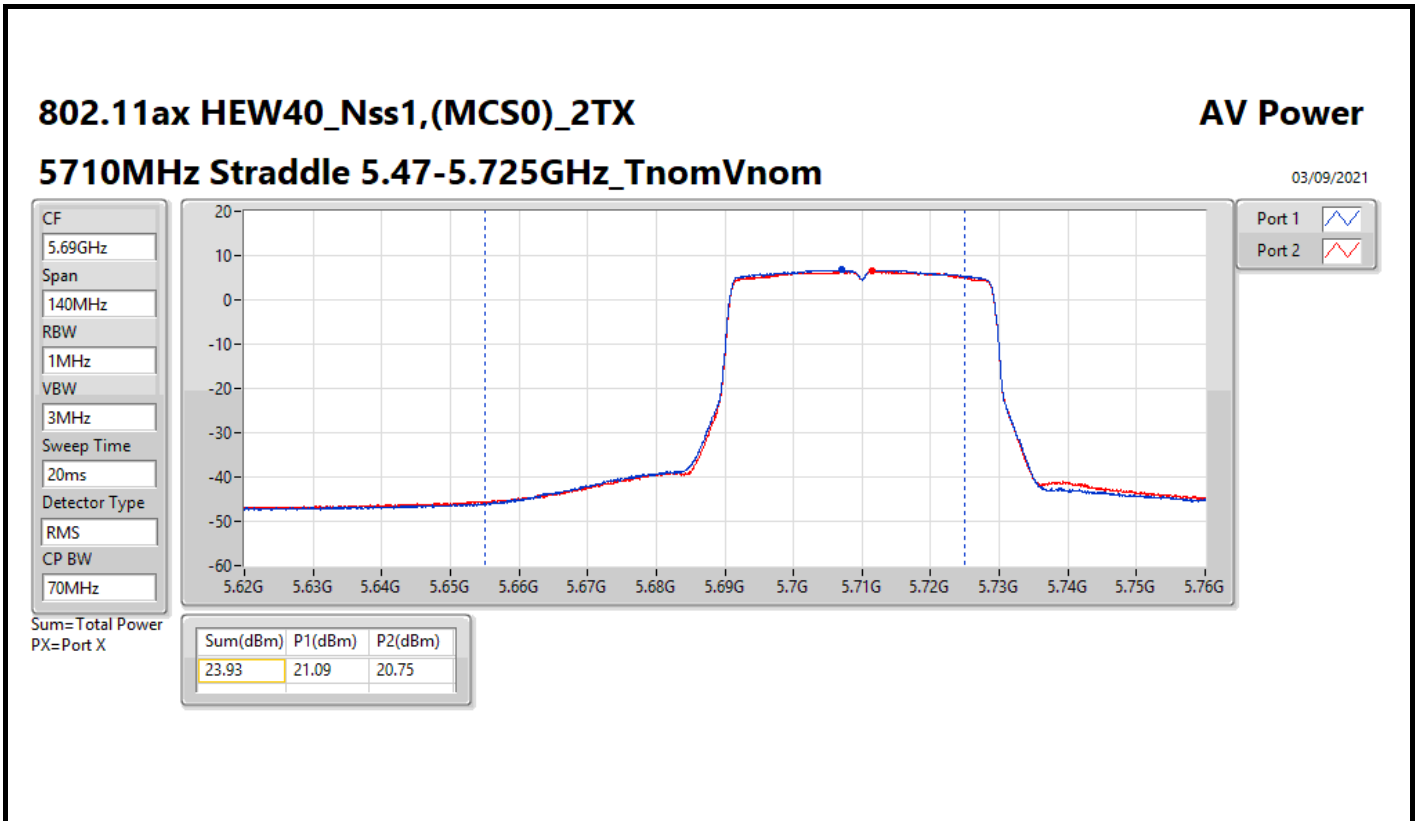
Result

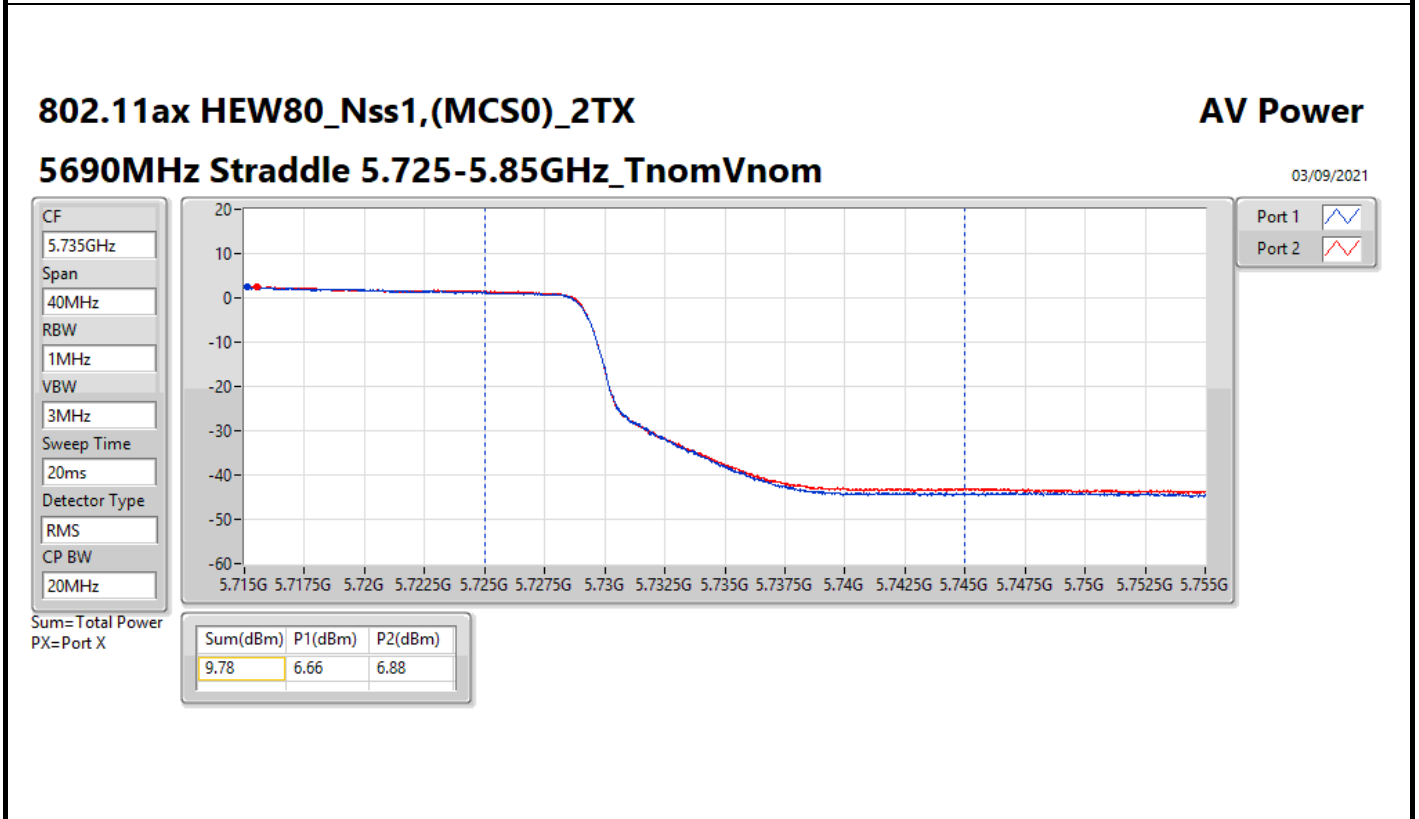
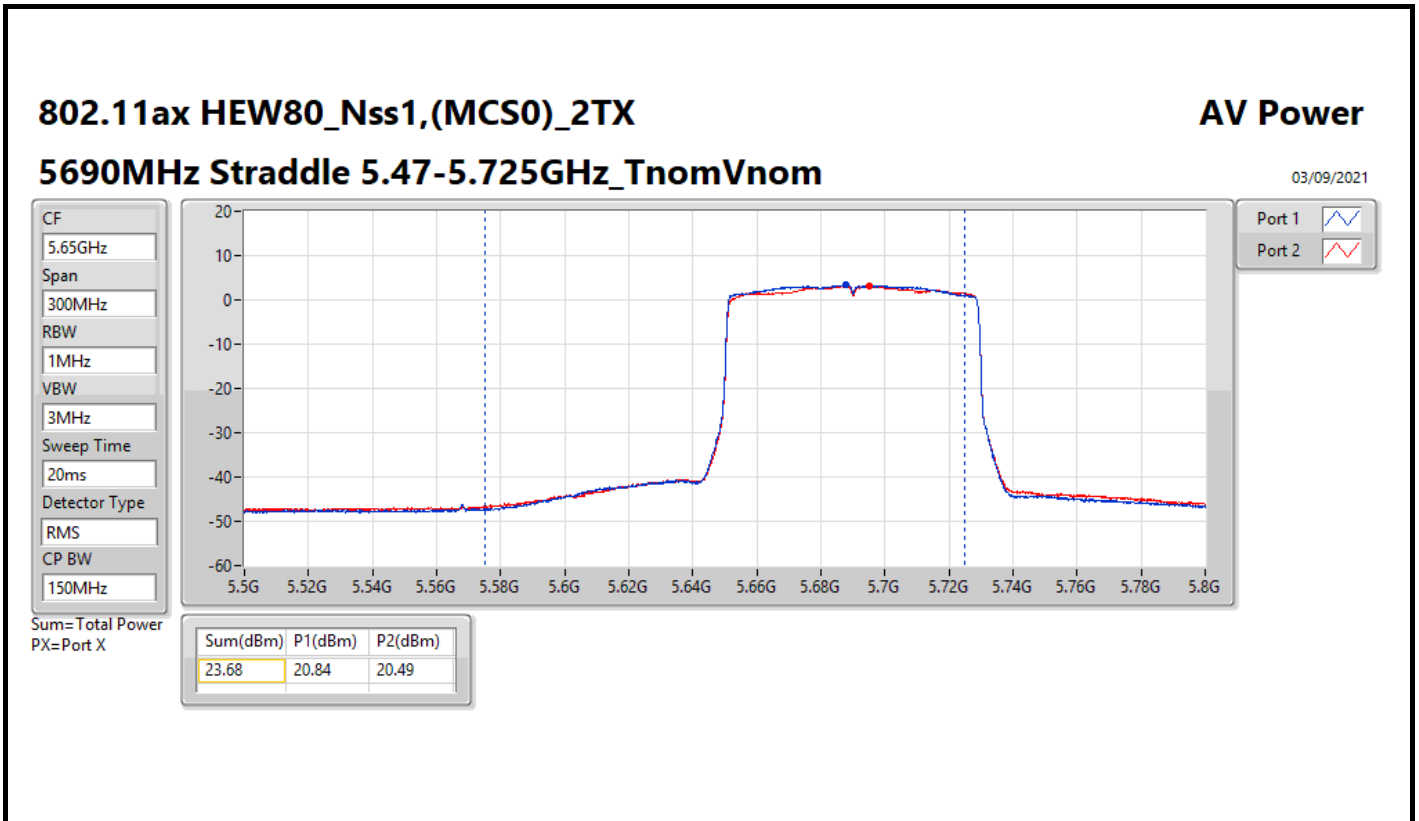
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.60	17.96	18.33	21.16	23.98
5300MHz	Pass	5.60	18.38	18.49	21.45	23.98
5320MHz	Pass	5.60	17.97	18.31	21.15	23.98
5500MHz	Pass	5.60	18.29	18.32	21.32	23.98
5580MHz	Pass	5.60	18.38	17.90	21.16	23.98
5700MHz	Pass	5.60	18.30	17.73	21.03	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.60	17.49	16.82	20.18	22.83
5720MHz Straddle 5.725-5.85GHz	Pass	5.60	11.05	10.47	13.78	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.60	19.13	19.49	22.32	23.98
5300MHz	Pass	5.60	18.72	19.11	21.93	23.98
5320MHz	Pass	5.60	19.01	19.33	22.18	23.98
5500MHz	Pass	5.60	19.26	19.19	22.24	23.98
5580MHz	Pass	5.60	19.22	19.09	22.17	23.98
5700MHz	Pass	5.60	19.28	18.83	22.07	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.60	17.92	17.41	20.68	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	5.60	12.41	11.90	15.17	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.60	20.39	20.75	23.58	23.98
5310MHz	Pass	5.60	20.42	20.78	23.61	23.98
5510MHz	Pass	5.60	20.83	21.05	23.95	23.98
5550MHz	Pass	5.60	20.98	20.92	23.96	23.98
5670MHz	Pass	5.60	20.69	20.55	23.63	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.60	21.09	20.75	23.93	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.60	10.89	10.65	13.78	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.60	20.63	21.12	23.89	23.98
5530MHz	Pass	5.60	20.69	20.81	23.76	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.60	20.84	20.49	23.68	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.60	6.66	6.88	9.78	30.00

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











Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.44	0.13932
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.37	0.13709
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.45	0.13964
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.28	0.13428
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.33	0.13583
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.46	0.13996
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.93	0.03112
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.45	0.01396
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.84	0.00608

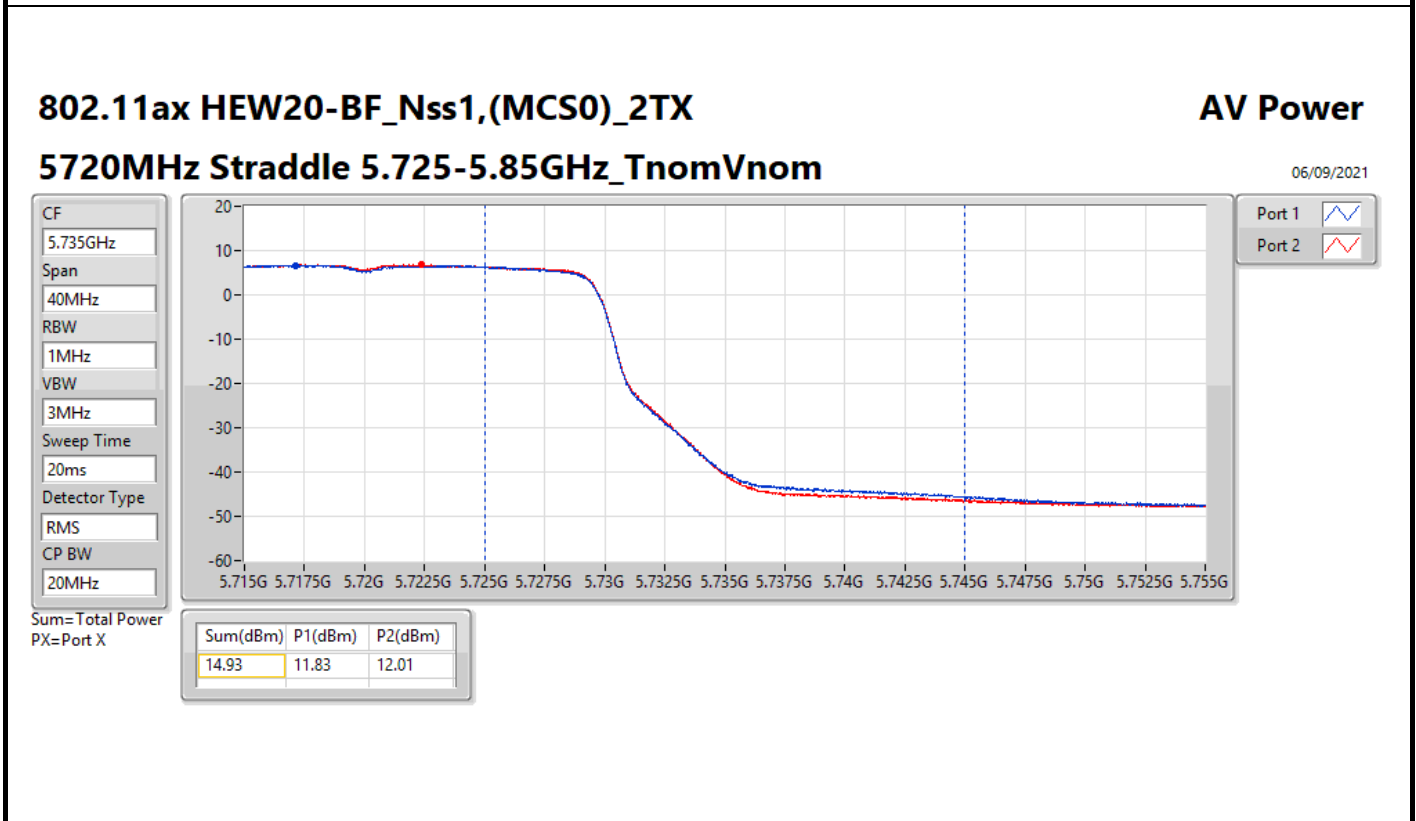
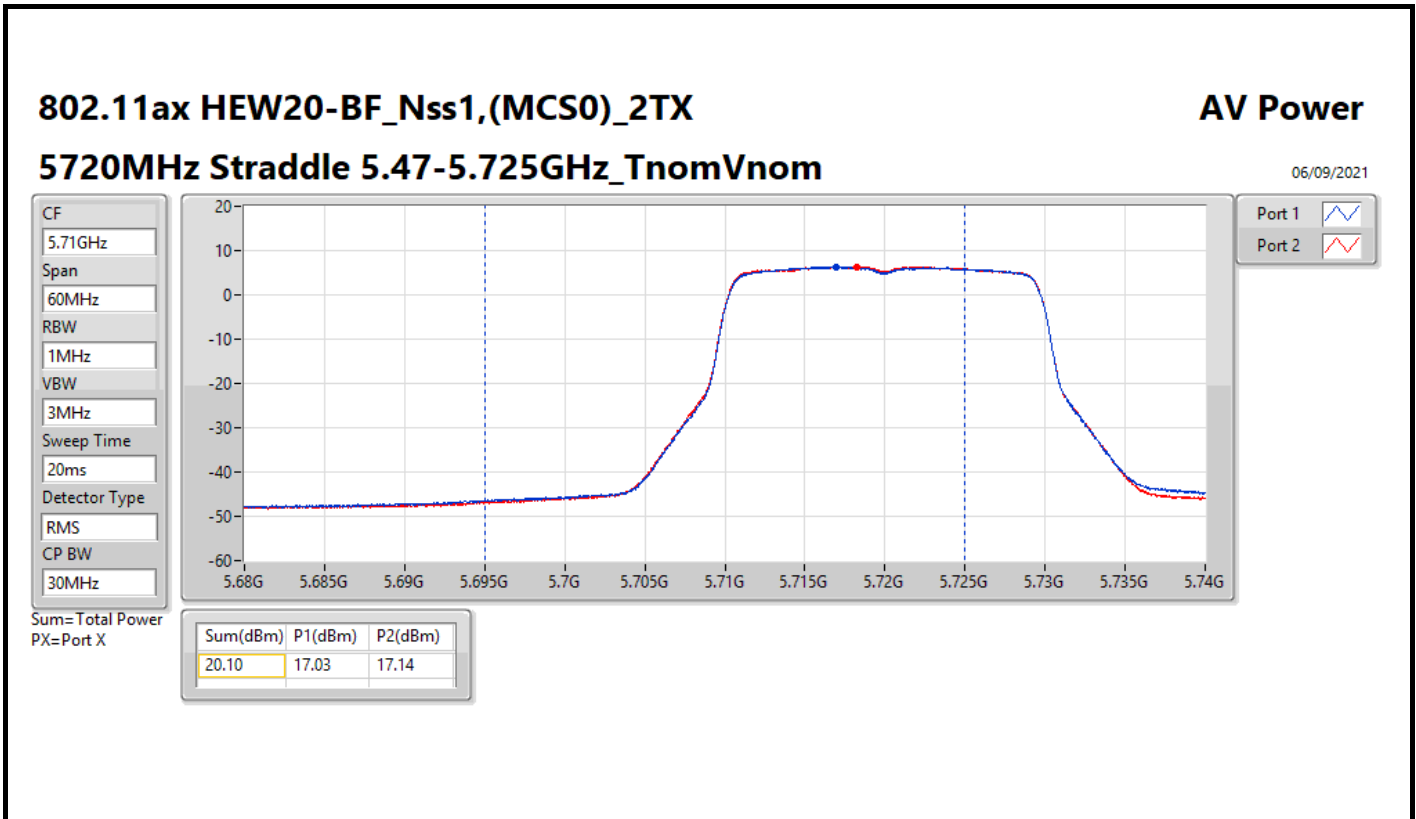


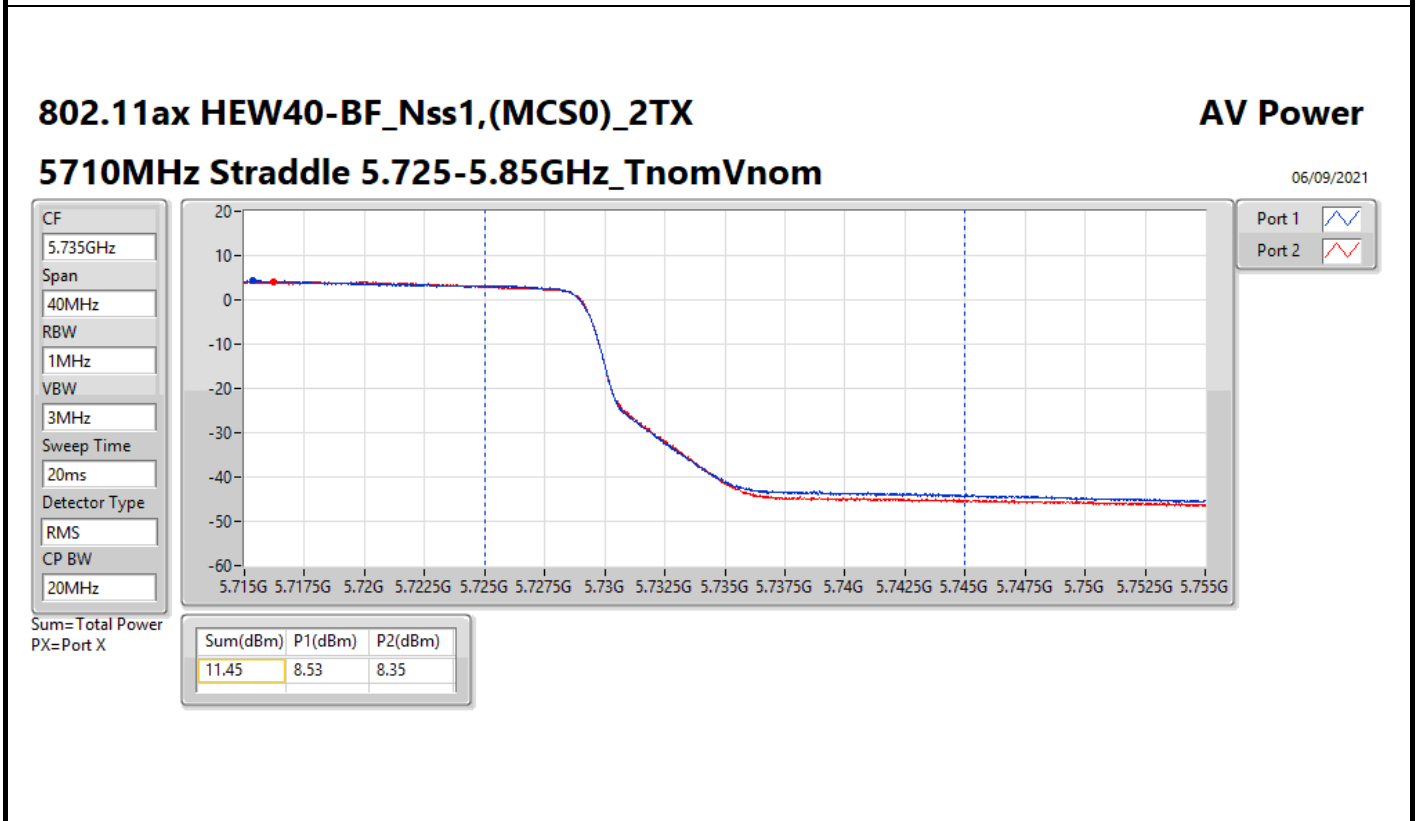
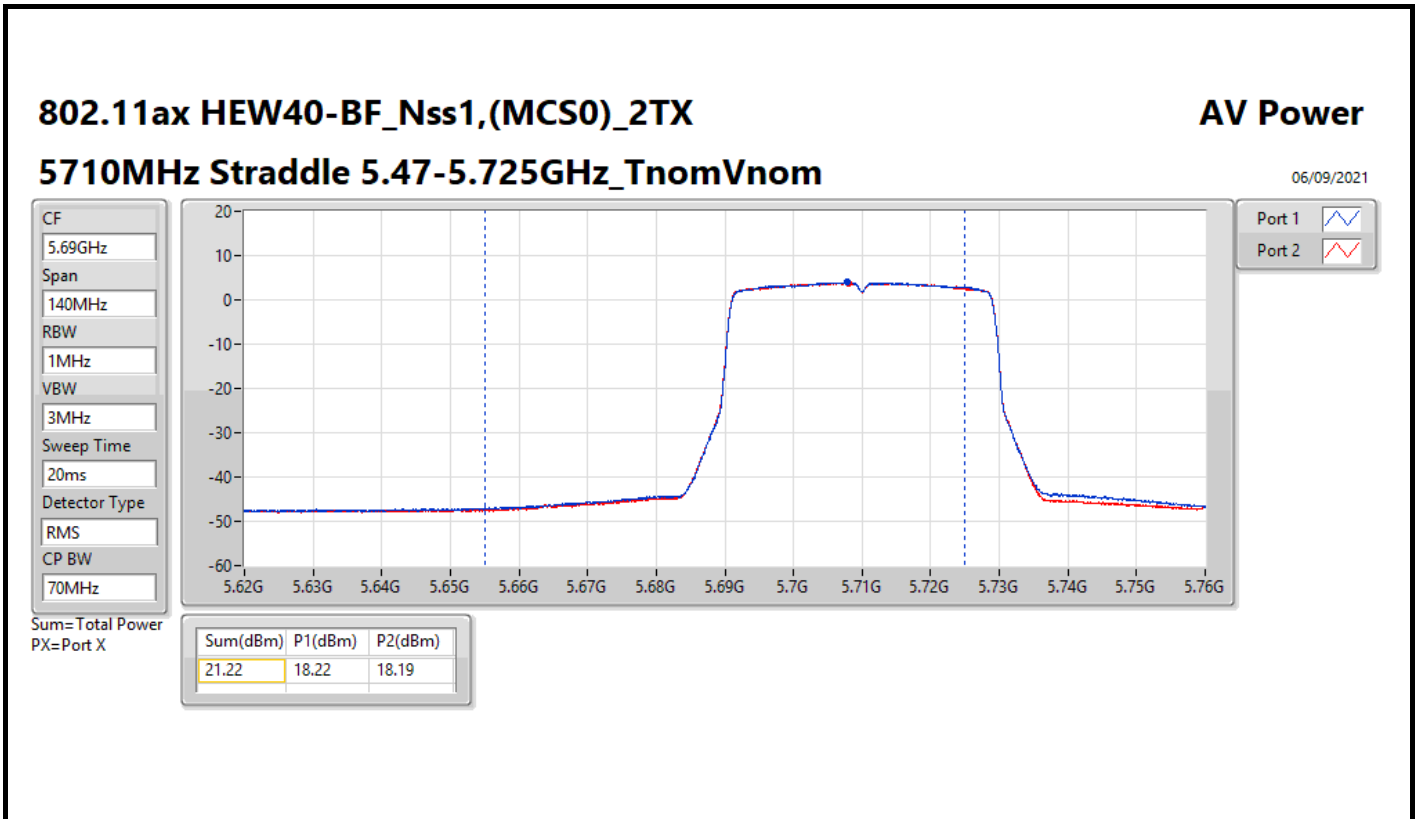
Result

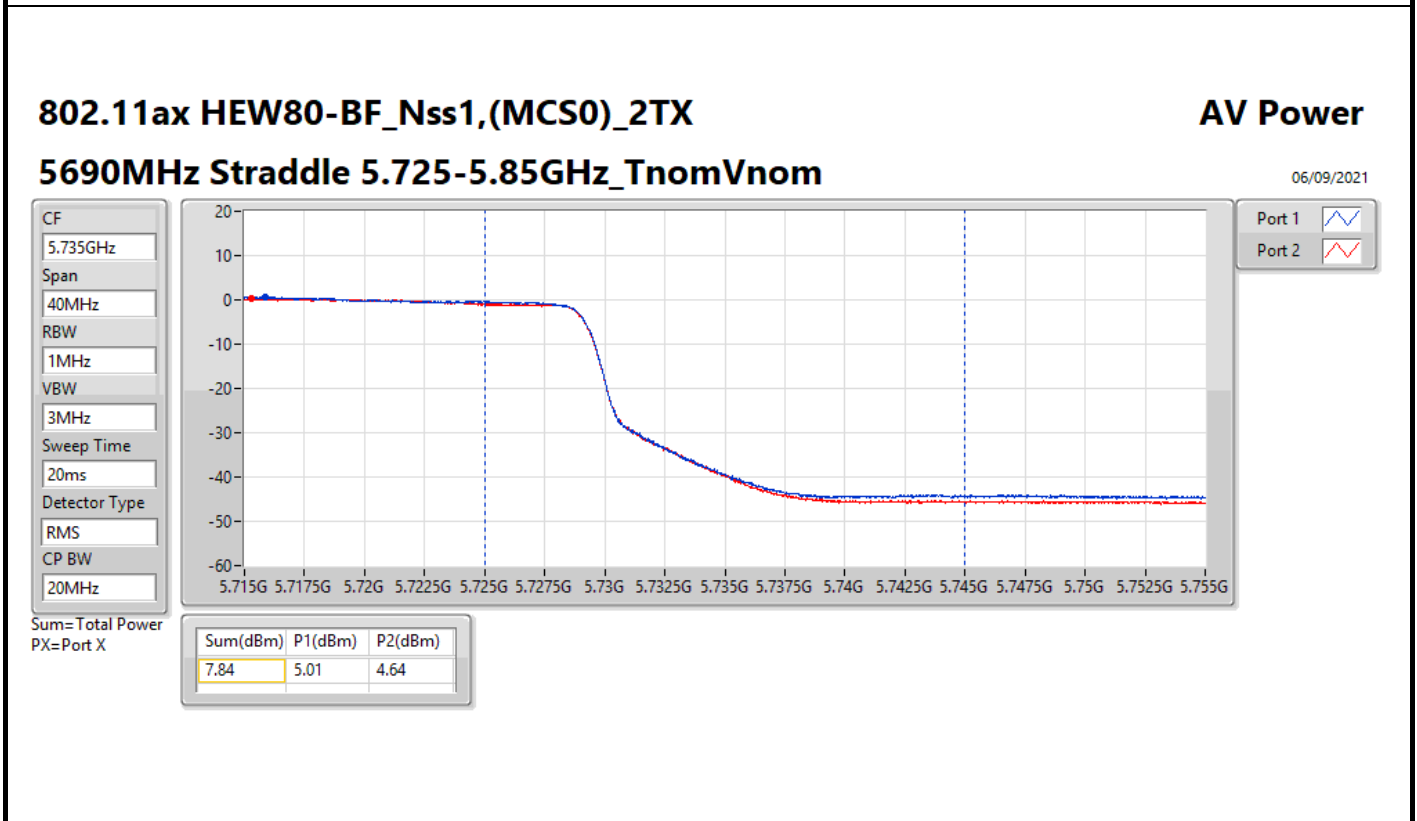
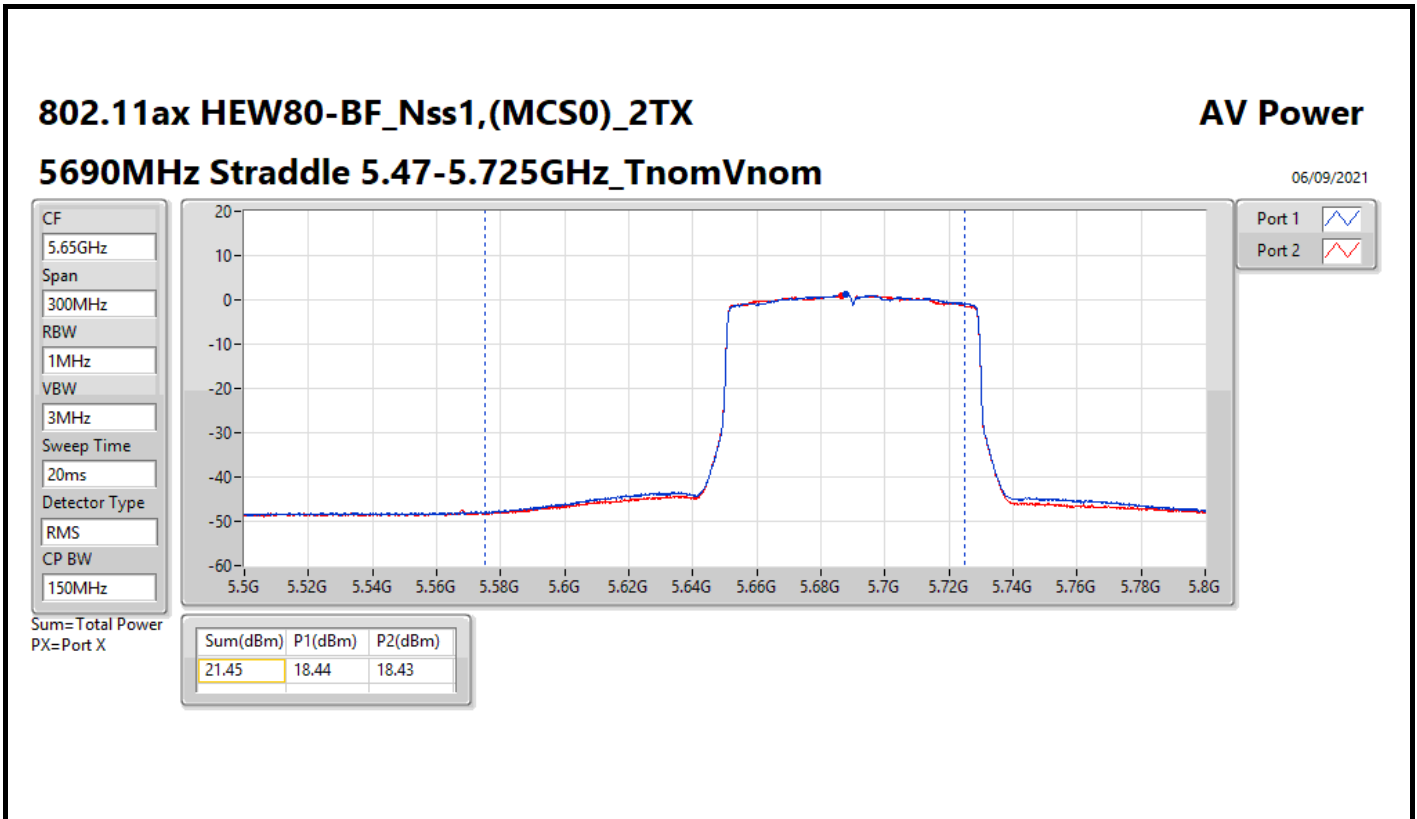
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.51	18.39	18.46	21.44	21.47
5300MHz	Pass	8.51	18.07	18.18	21.14	21.47
5320MHz	Pass	8.51	18.14	18.52	21.34	21.47
5500MHz	Pass	8.51	18.32	18.15	21.25	21.47
5580MHz	Pass	8.51	17.92	18.15	21.05	21.47
5700MHz	Pass	8.51	18.23	18.31	21.28	21.47
5720MHz Straddle 5.47-5.725GHz	Pass	8.51	17.03	17.14	20.10	20.43
5720MHz Straddle 5.725-5.85GHz	Pass	8.51	11.83	12.01	14.93	27.49
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.51	18.24	18.48	21.37	21.47
5310MHz	Pass	8.51	18.06	18.48	21.29	21.47
5510MHz	Pass	8.51	18.34	18.19	21.28	21.47
5550MHz	Pass	8.51	18.30	18.33	21.33	21.47
5670MHz	Pass	8.51	18.30	18.09	21.21	21.47
5710MHz Straddle 5.47-5.725GHz	Pass	8.51	18.22	18.19	21.22	21.47
5710MHz Straddle 5.725-5.85GHz	Pass	8.51	8.53	8.35	11.45	27.49
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.51	18.25	18.63	21.45	21.47
5530MHz	Pass	8.51	18.56	18.33	21.46	21.47
5690MHz Straddle 5.47-5.725GHz	Pass	8.51	18.44	18.43	21.45	21.47
5690MHz Straddle 5.725-5.85GHz	Pass	8.51	5.01	4.64	7.84	27.49

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











Summary

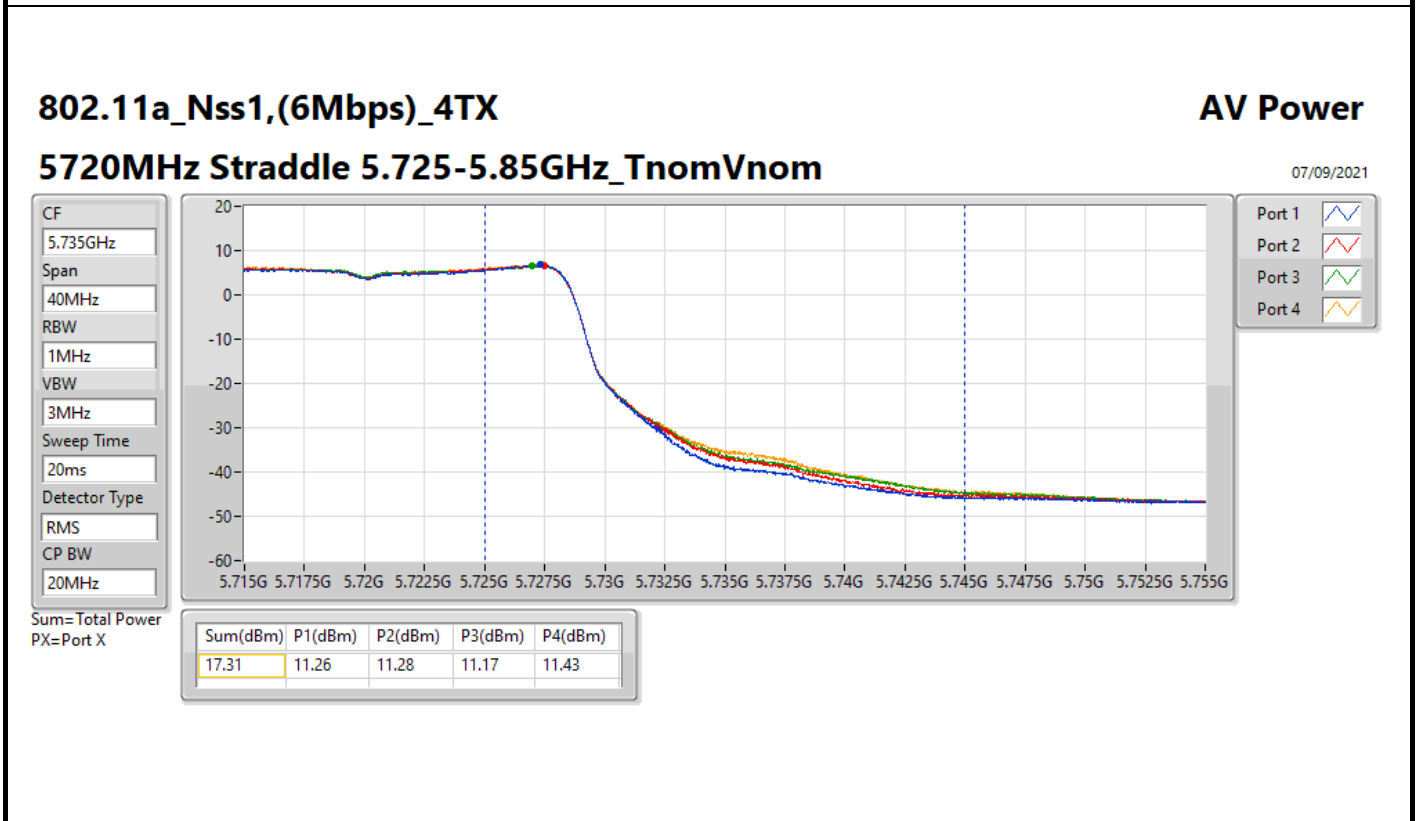
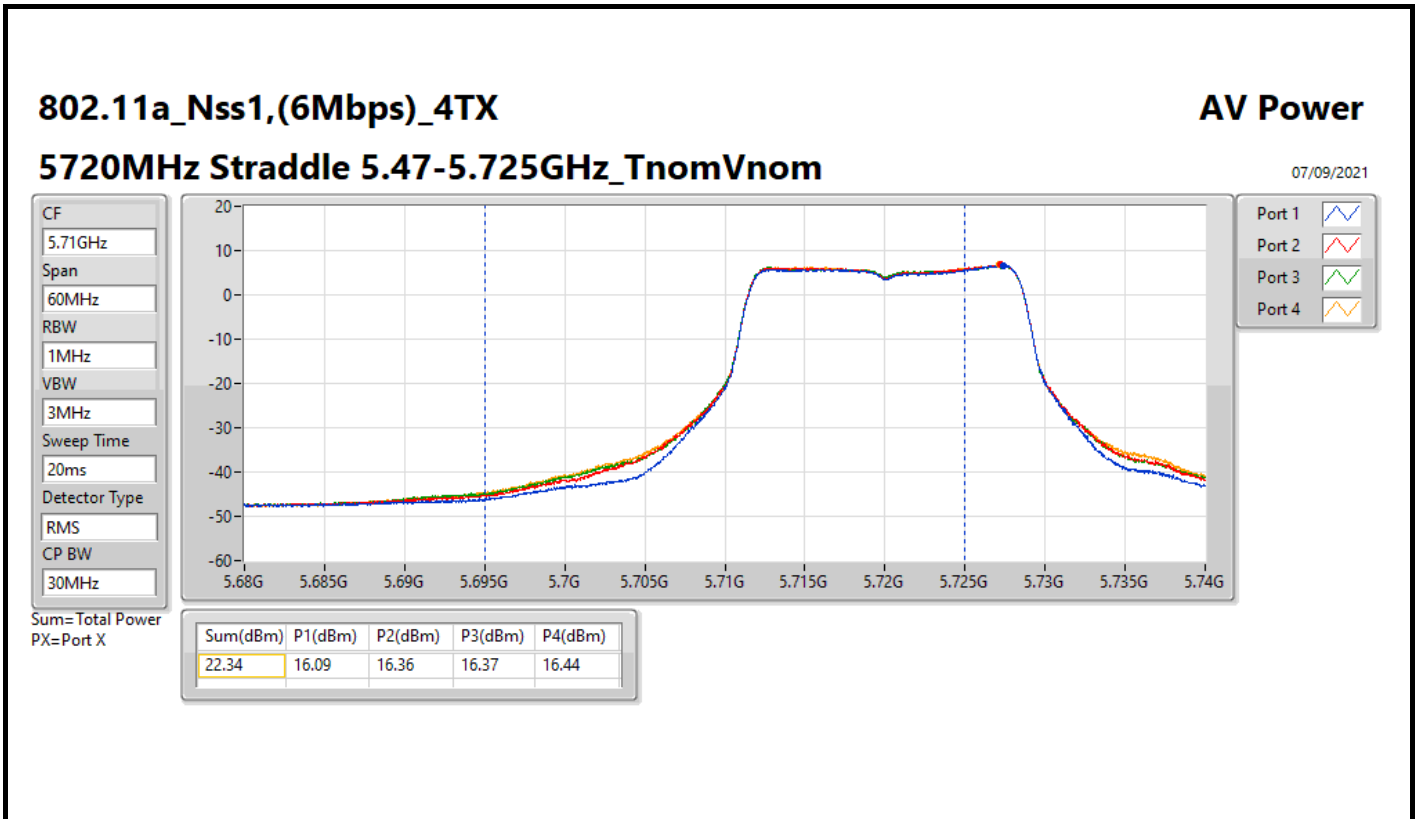
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	18.26	0.06699
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.84	0.24210
802.11ax HEW20_Nss1,(MCS0)_4TX	23.78	0.23878
802.11ax HEW40_Nss1,(MCS0)_4TX	23.67	0.23281
802.11ax HEW80_Nss1,(MCS0)_4TX	22.20	0.16596
802.11ax HEW160_Nss1,(MCS0)_4TX	18.49	0.07063
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.79	0.23933
802.11ax HEW20_Nss1,(MCS0)_4TX	23.57	0.22751
802.11ax HEW40_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ax HEW80_Nss1,(MCS0)_4TX	23.83	0.24155
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.31	0.05383
802.11ax HEW20_Nss1,(MCS0)_4TX	17.55	0.05689
802.11ax HEW40_Nss1,(MCS0)_4TX	13.76	0.02377
802.11ax HEW80_Nss1,(MCS0)_4TX	10.31	0.01074

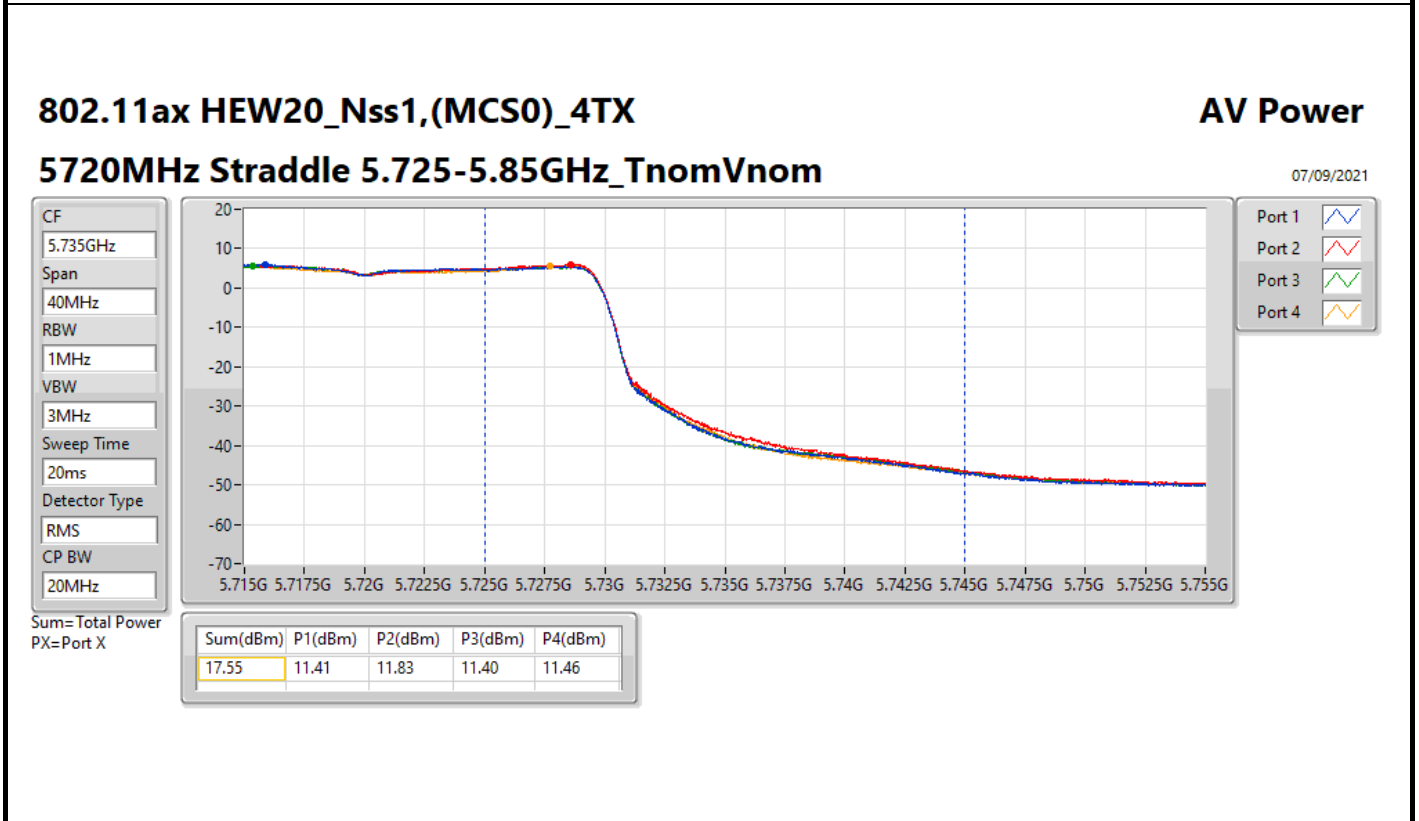
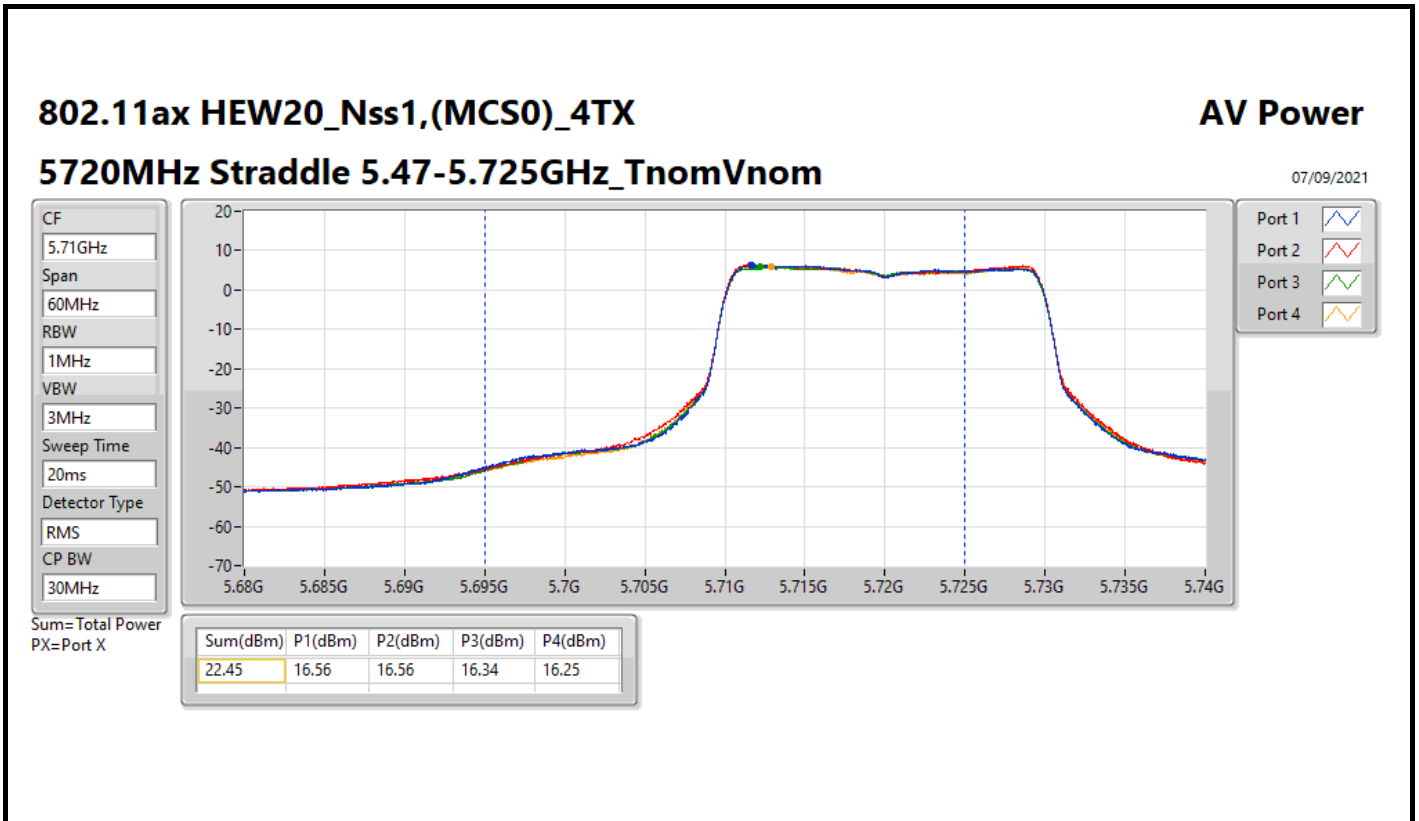


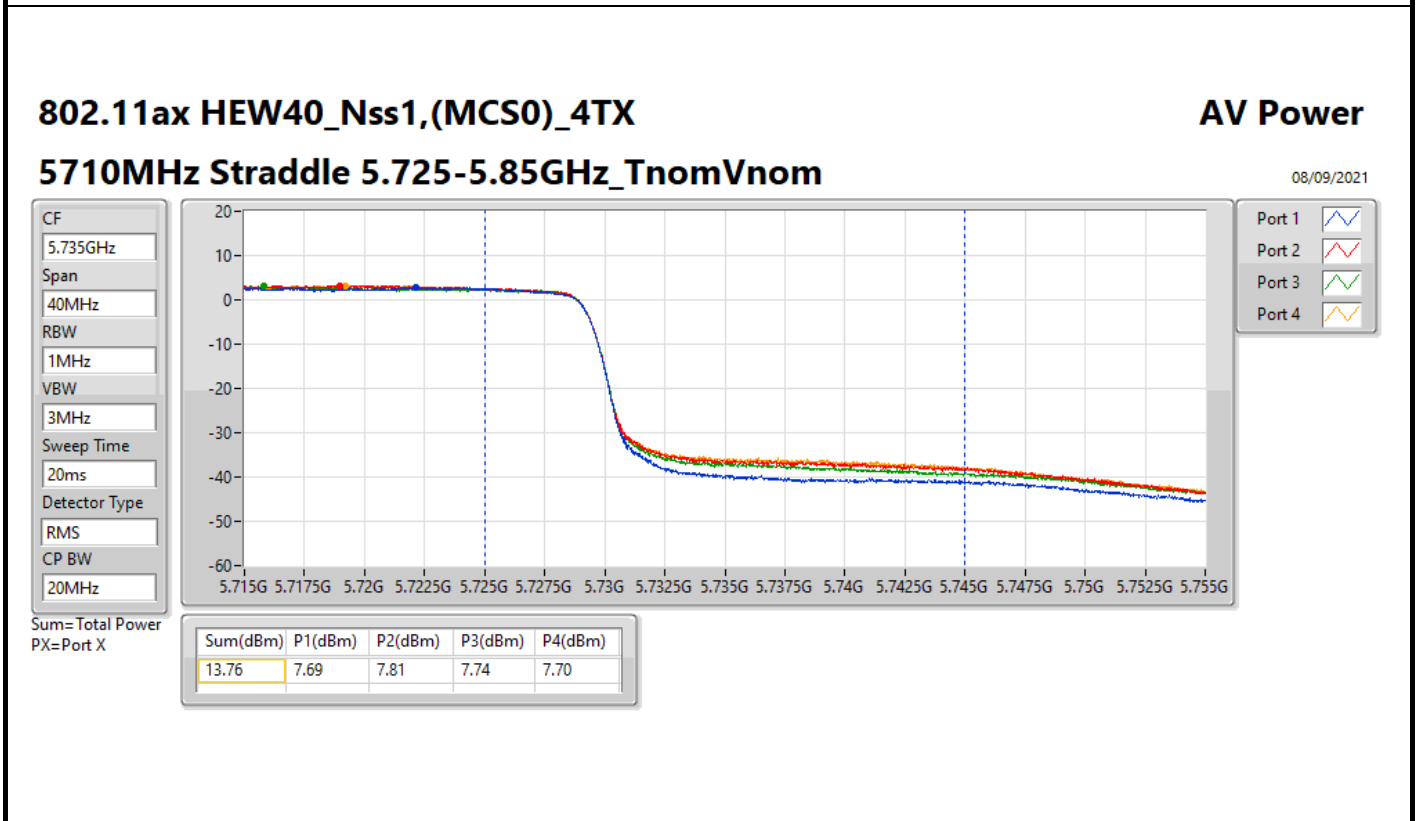
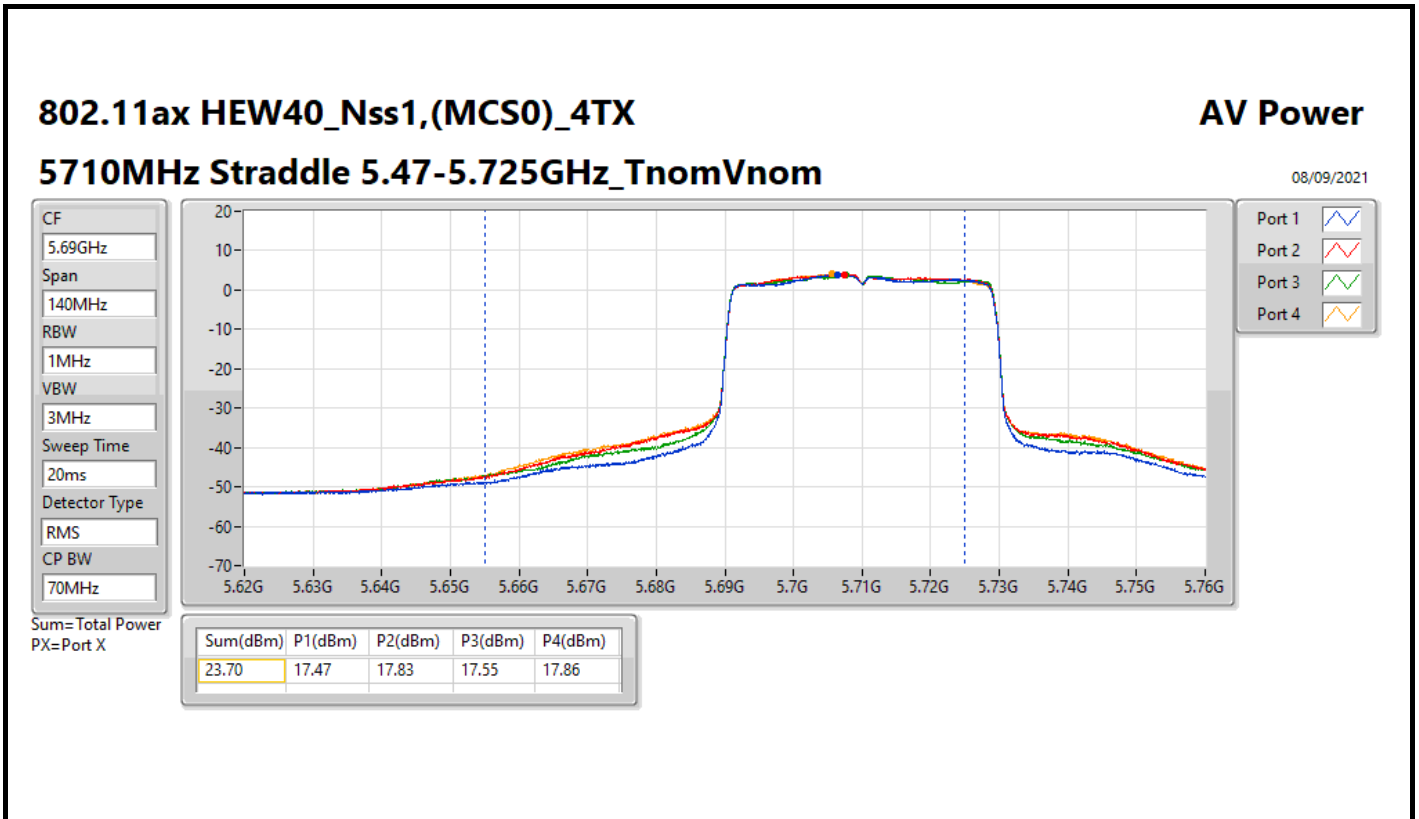
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.62	17.54	17.45	17.95	17.39	23.61	23.98
5300MHz	Pass	4.62	17.46	17.77	18.21	17.65	23.80	23.98
5320MHz	Pass	4.62	17.58	17.81	18.18	17.69	23.84	23.98
5500MHz	Pass	3.57	17.91	17.22	17.08	18.10	23.62	23.98
5580MHz	Pass	3.57	17.68	17.53	17.41	18.39	23.79	23.98
5700MHz	Pass	3.57	17.36	17.58	17.41	17.91	23.59	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.57	16.09	16.36	16.37	16.44	22.34	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	5.21	11.26	11.28	11.17	11.43	17.31	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.62	17.64	17.67	17.92	17.13	23.62	23.98
5300MHz	Pass	4.62	17.59	17.95	18.03	17.28	23.74	23.98
5320MHz	Pass	4.62	17.73	17.93	18.07	17.26	23.78	23.98
5500MHz	Pass	3.57	17.87	17.26	16.89	17.81	23.50	23.98
5580MHz	Pass	3.57	17.58	17.64	17.12	17.84	23.57	23.98
5700MHz	Pass	3.57	17.43	17.67	17.25	17.52	23.49	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.57	16.56	16.56	16.34	16.25	22.45	23.01
5720MHz Straddle 5.725-5.85GHz	Pass	5.21	11.41	11.83	11.40	11.46	17.55	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.62	17.33	17.35	17.97	17.39	23.54	23.98
5310MHz	Pass	4.62	17.35	17.68	18.16	17.37	23.67	23.98
5510MHz	Pass	3.57	17.68	17.19	16.91	17.85	23.44	23.98
5550MHz	Pass	3.57	17.59	17.34	17.21	17.87	23.53	23.98
5670MHz	Pass	3.57	17.84	17.71	17.61	18.08	23.83	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.57	17.47	17.83	17.55	17.86	23.70	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.21	7.69	7.81	7.74	7.70	13.76	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.62	16.04	16.25	16.67	15.70	22.20	23.98
5530MHz	Pass	3.57	17.23	16.96	16.57	17.64	23.14	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.57	17.63	17.82	17.73	18.03	23.83	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.21	4.23	4.26	4.30	4.35	10.31	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.12	12.02	12.25	13.02	11.54	18.26	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.62	12.13	12.24	13.33	12.06	18.49	23.98

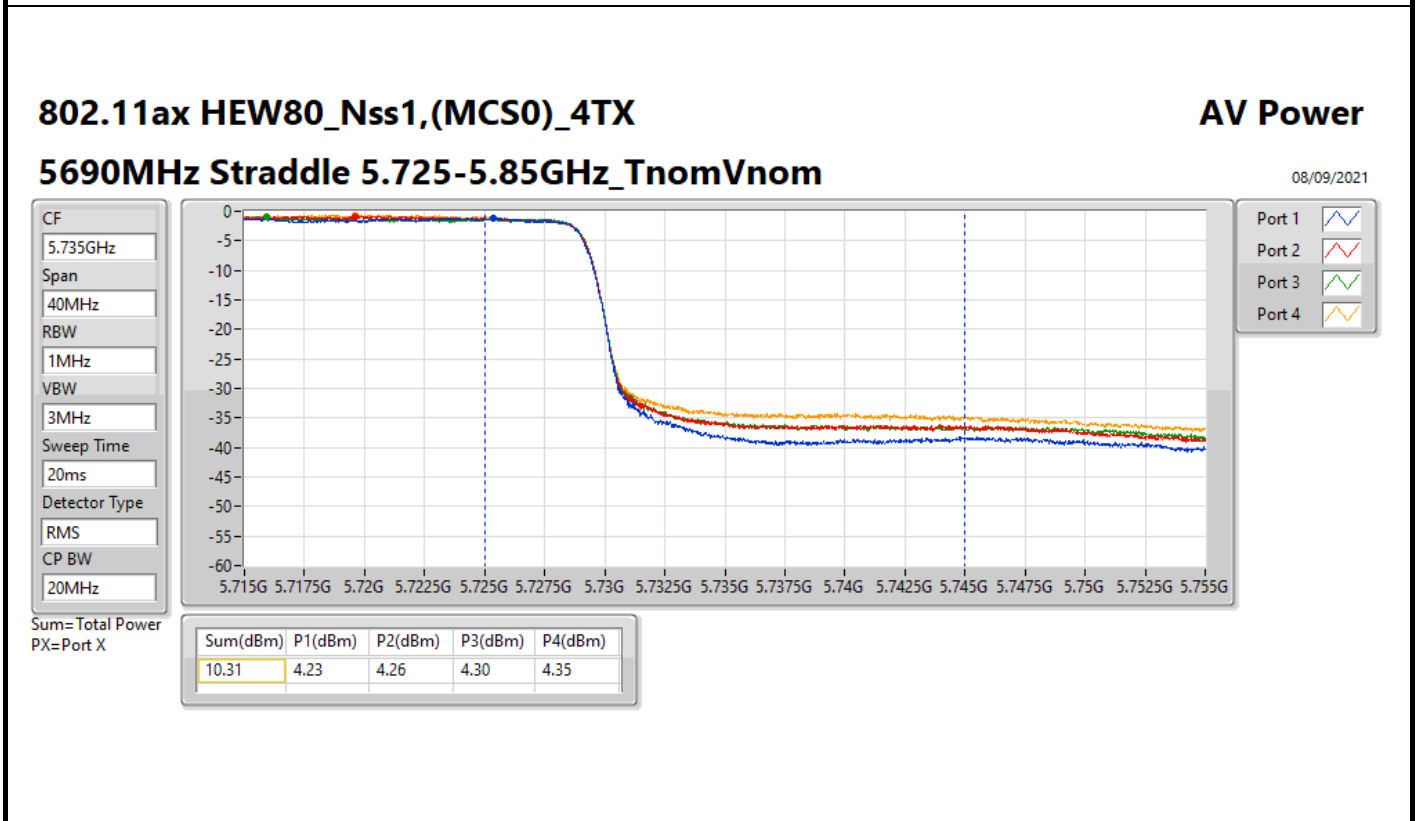
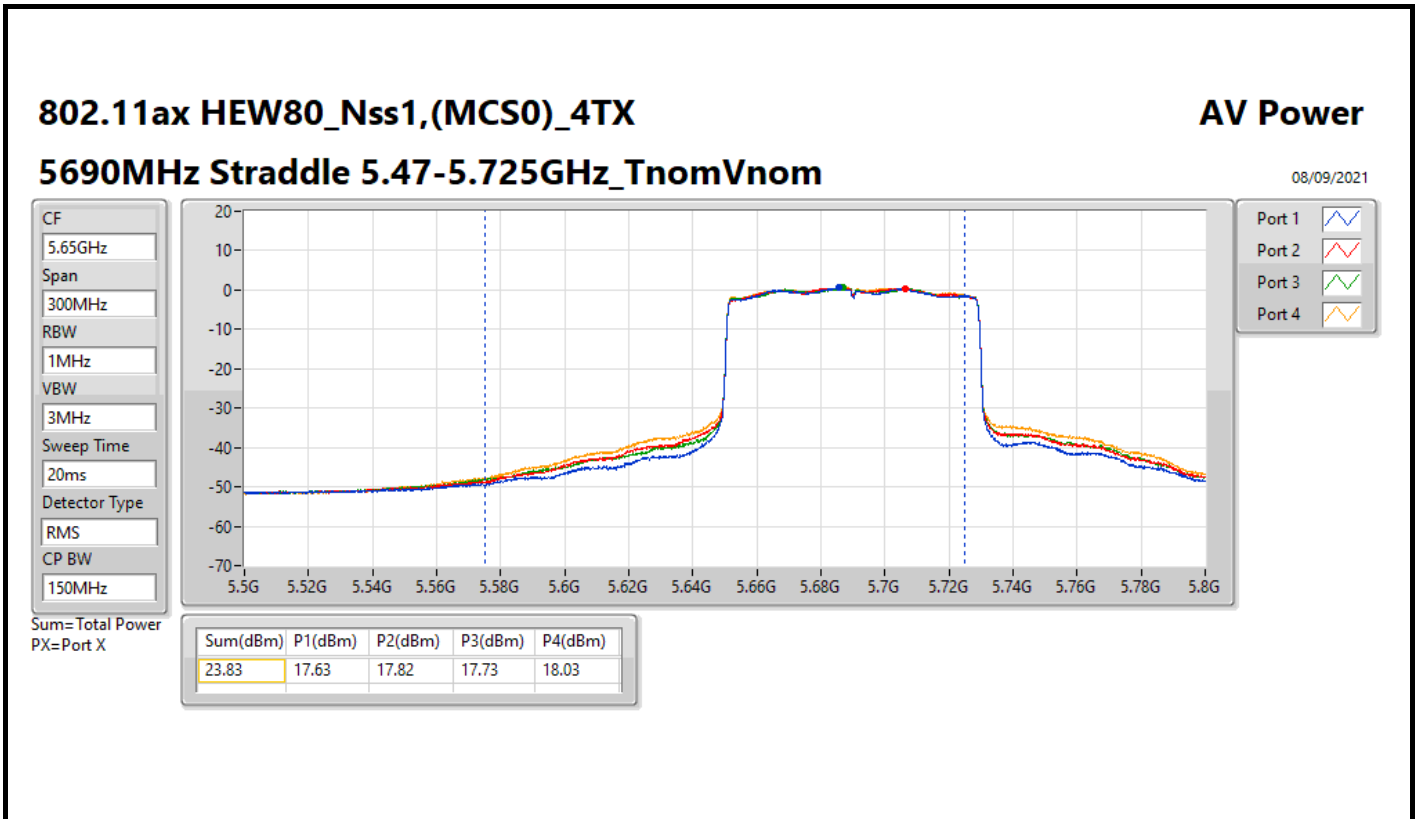
DG = Directional Gain; Port X = Port X output power

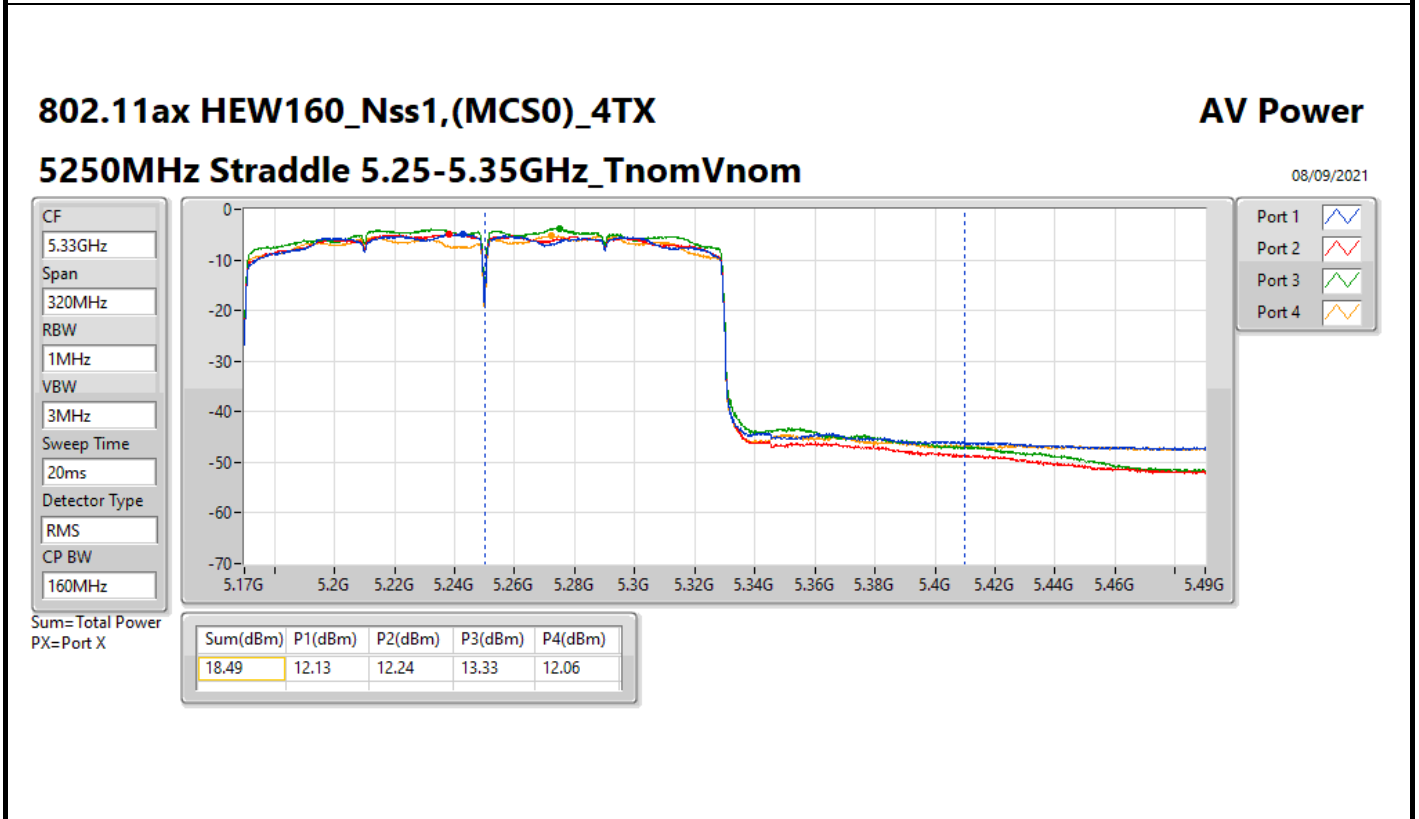
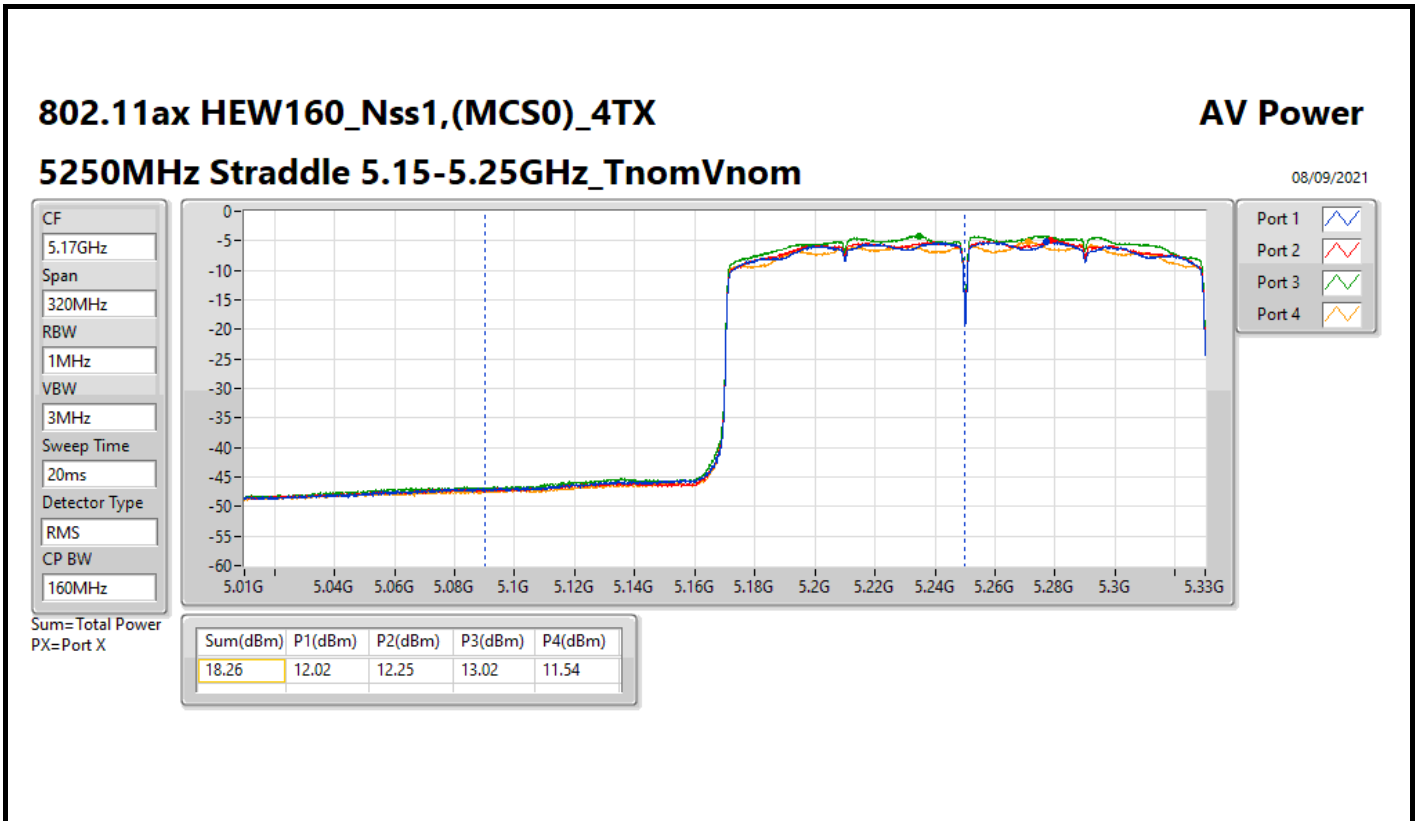














Summary

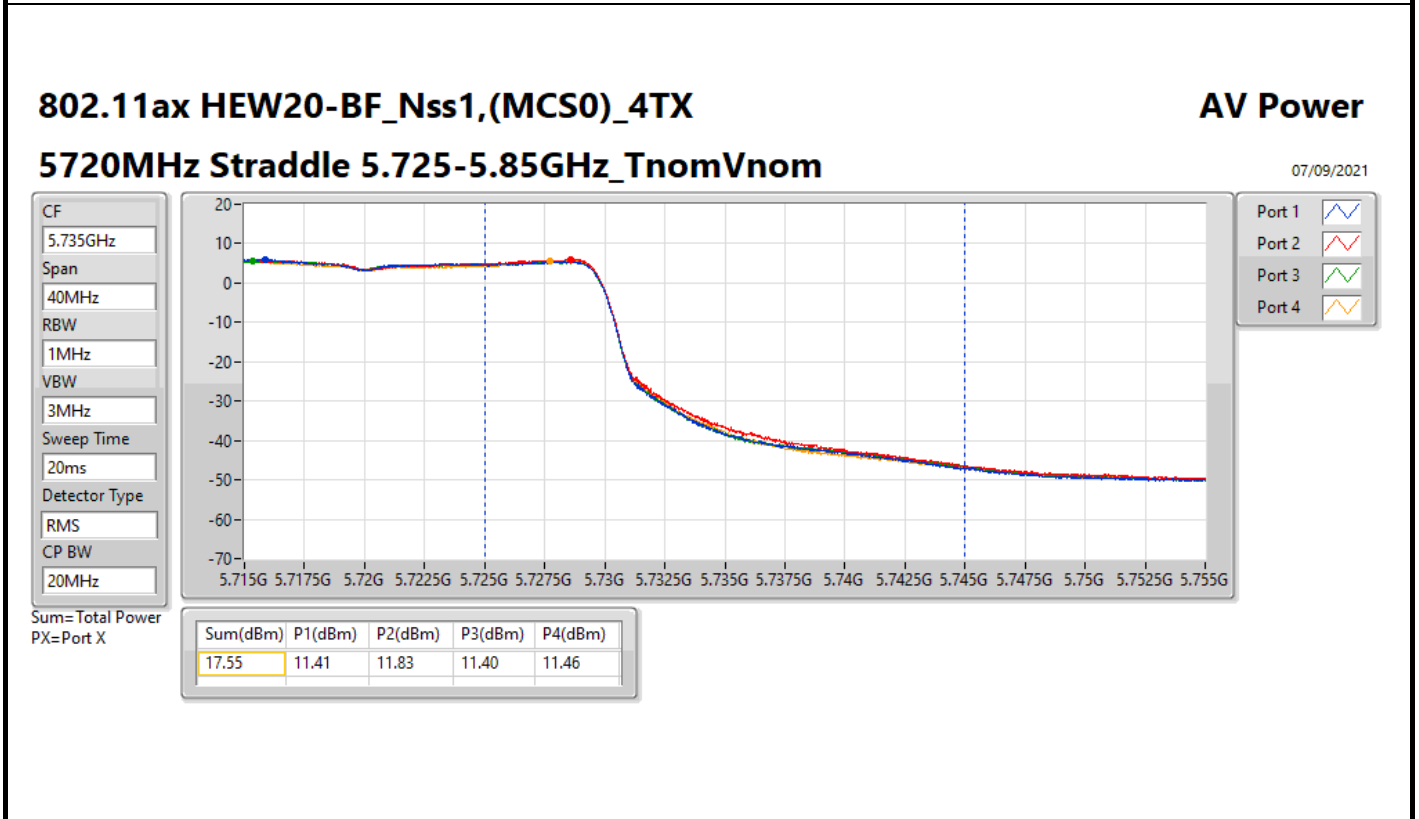
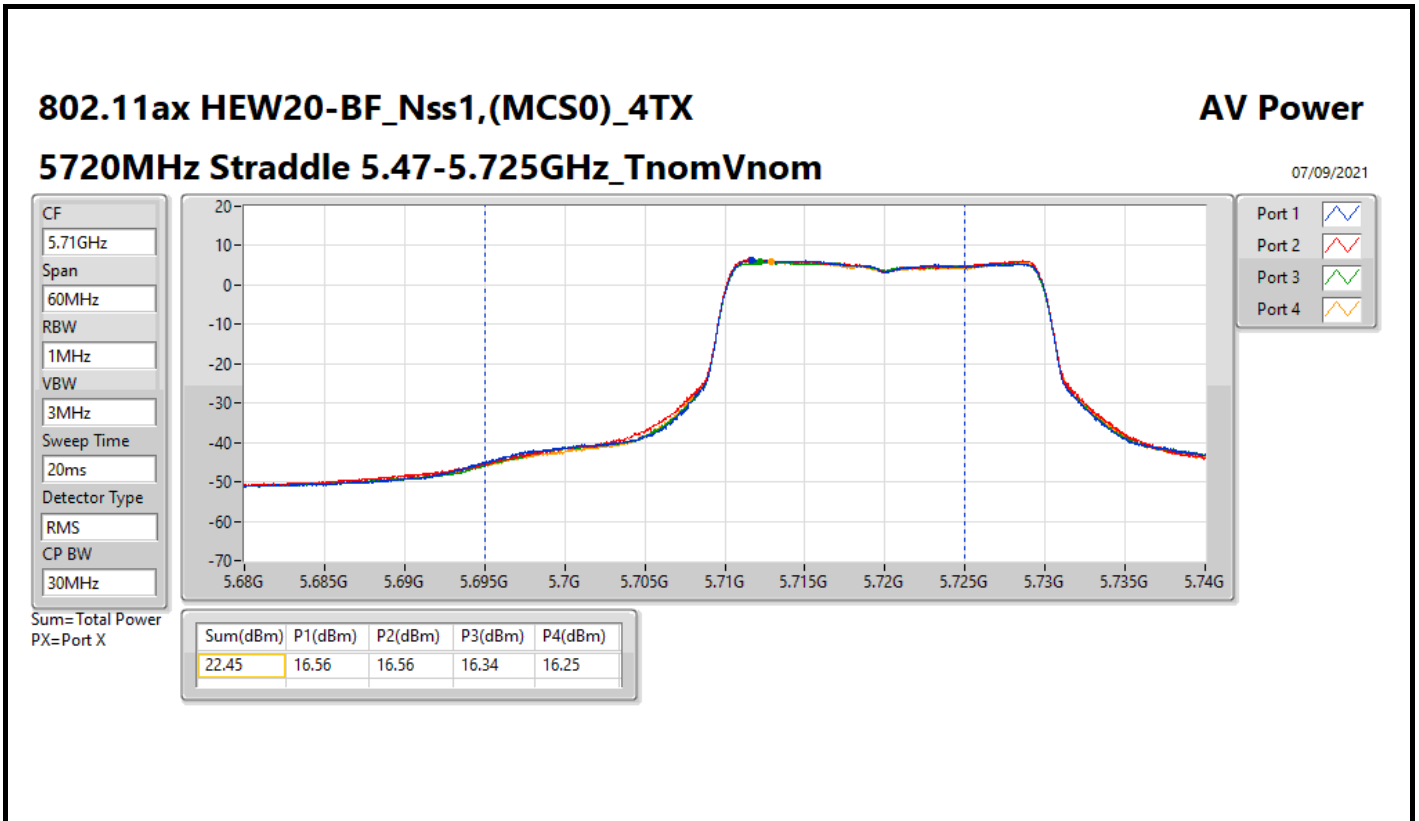
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.26	0.06699
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.78	0.23878
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.67	0.23281
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.20	0.16596
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.49	0.07063
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.57	0.22751
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.83	0.24155
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.55	0.05689
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.76	0.02377
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.31	0.01074

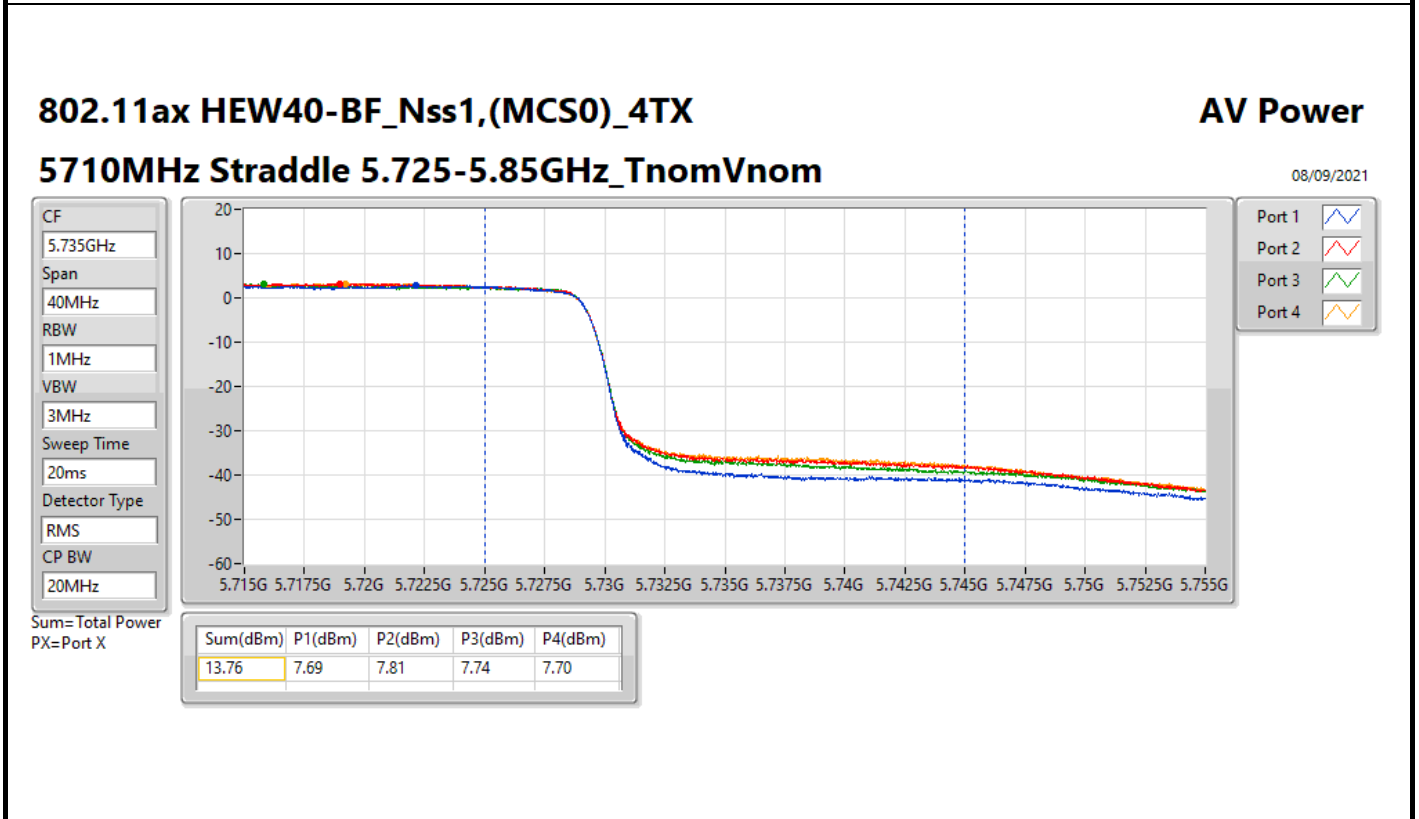
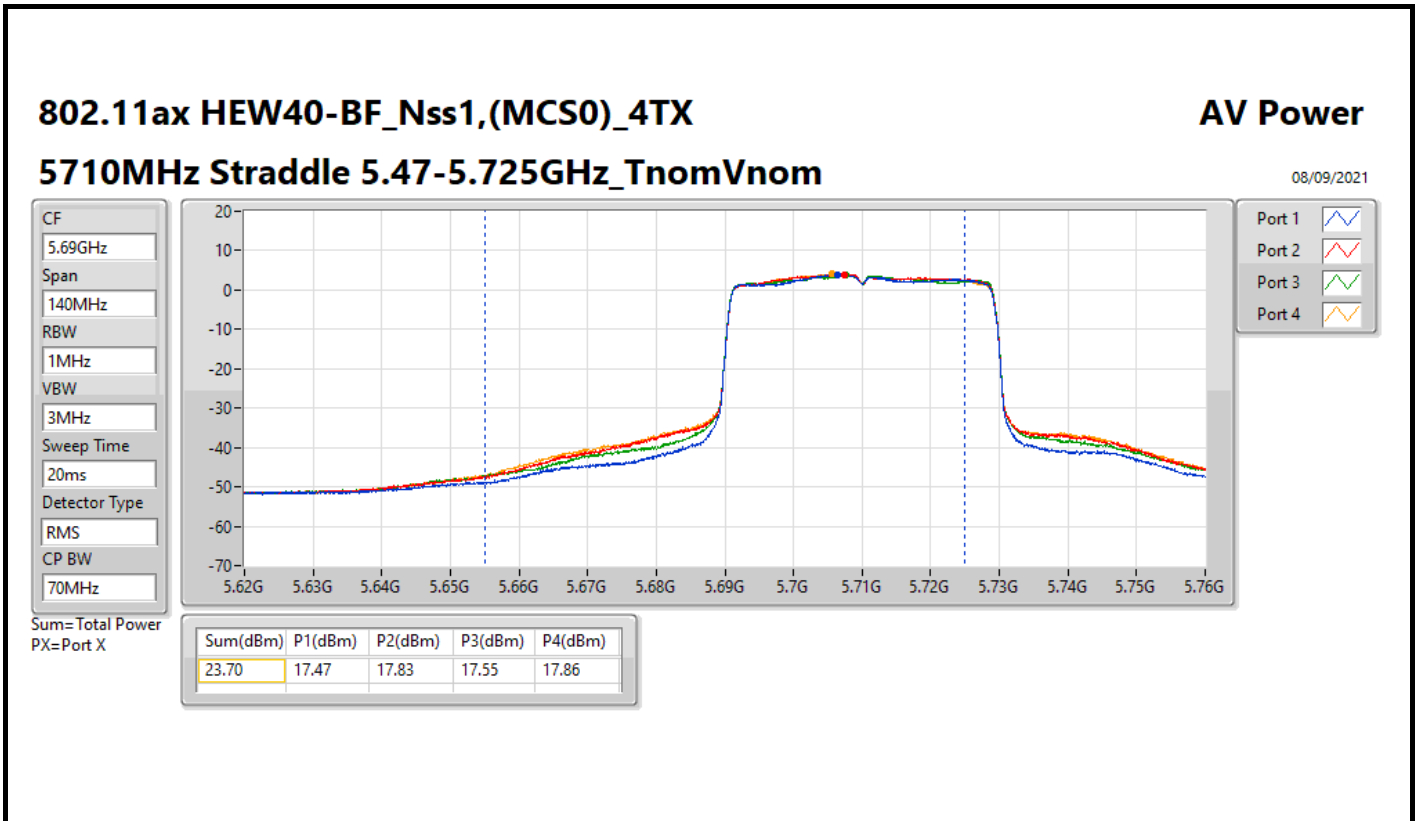


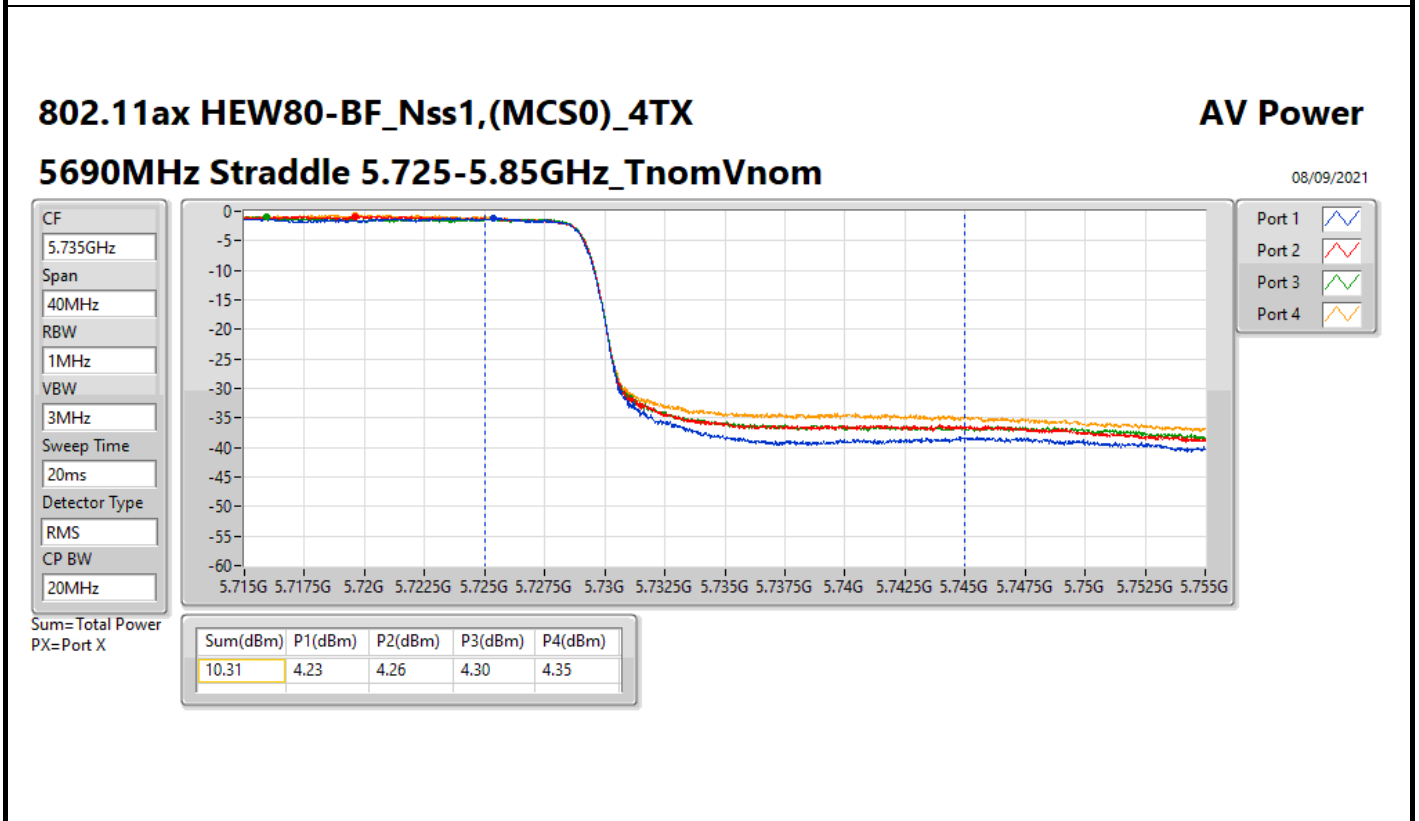
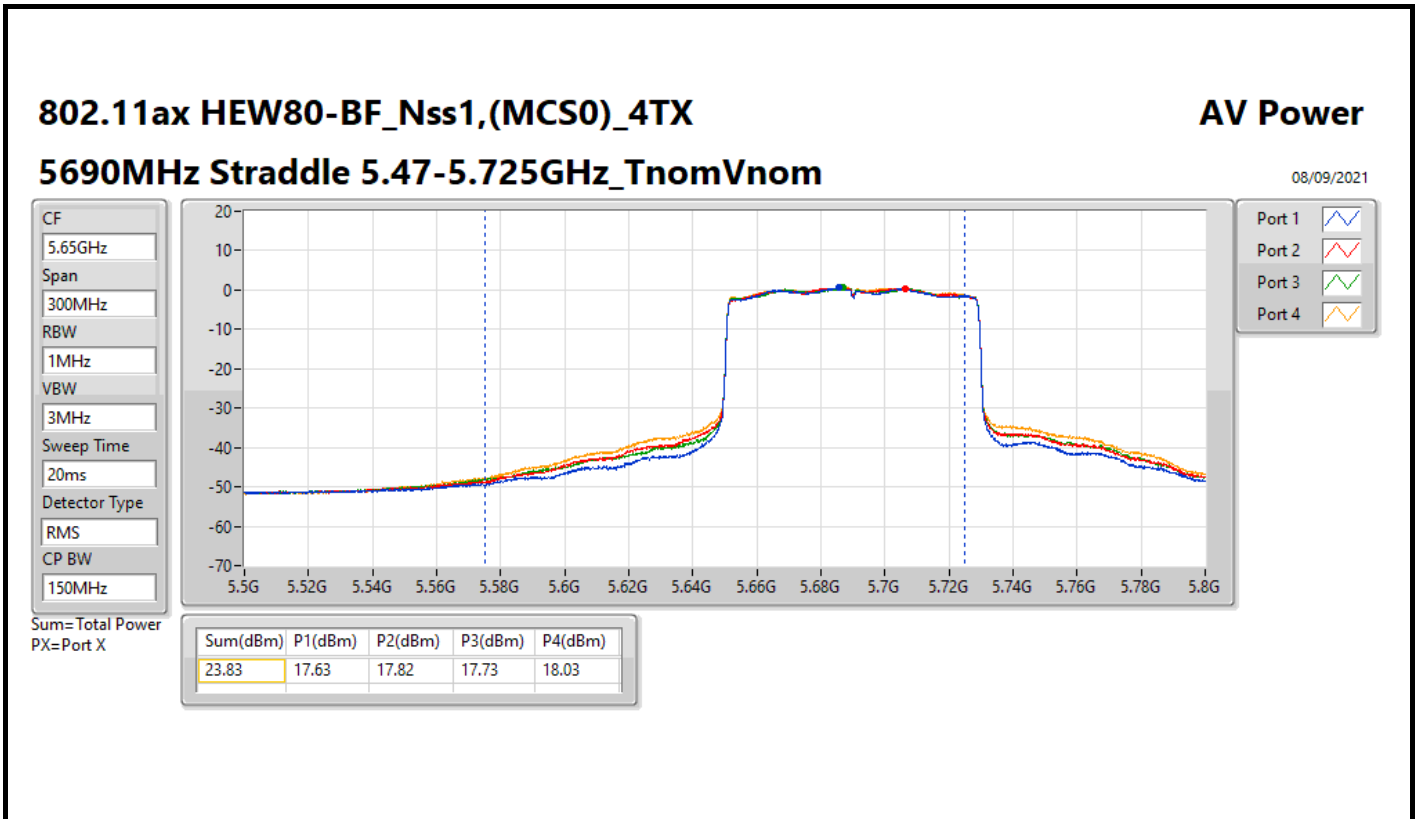
Result

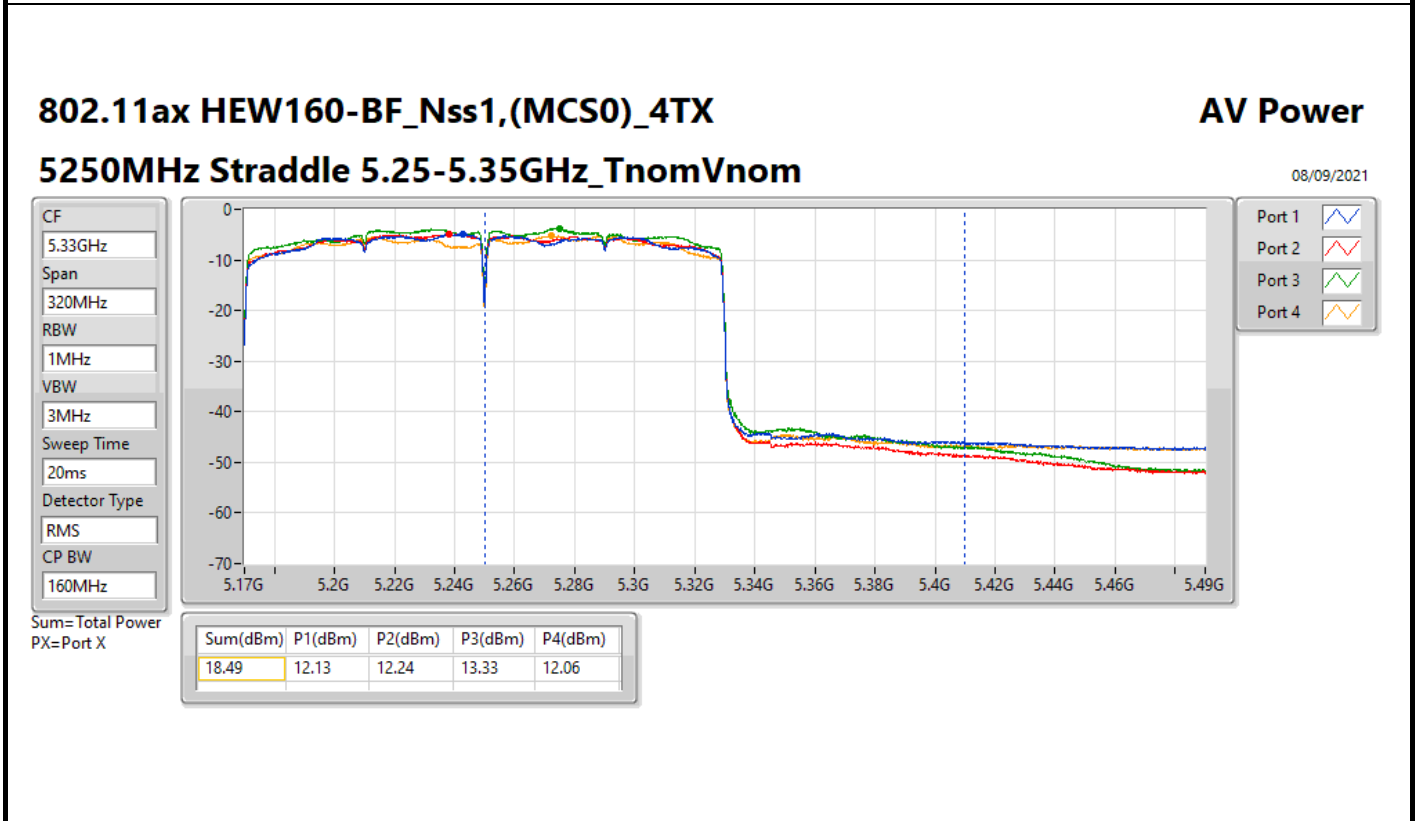
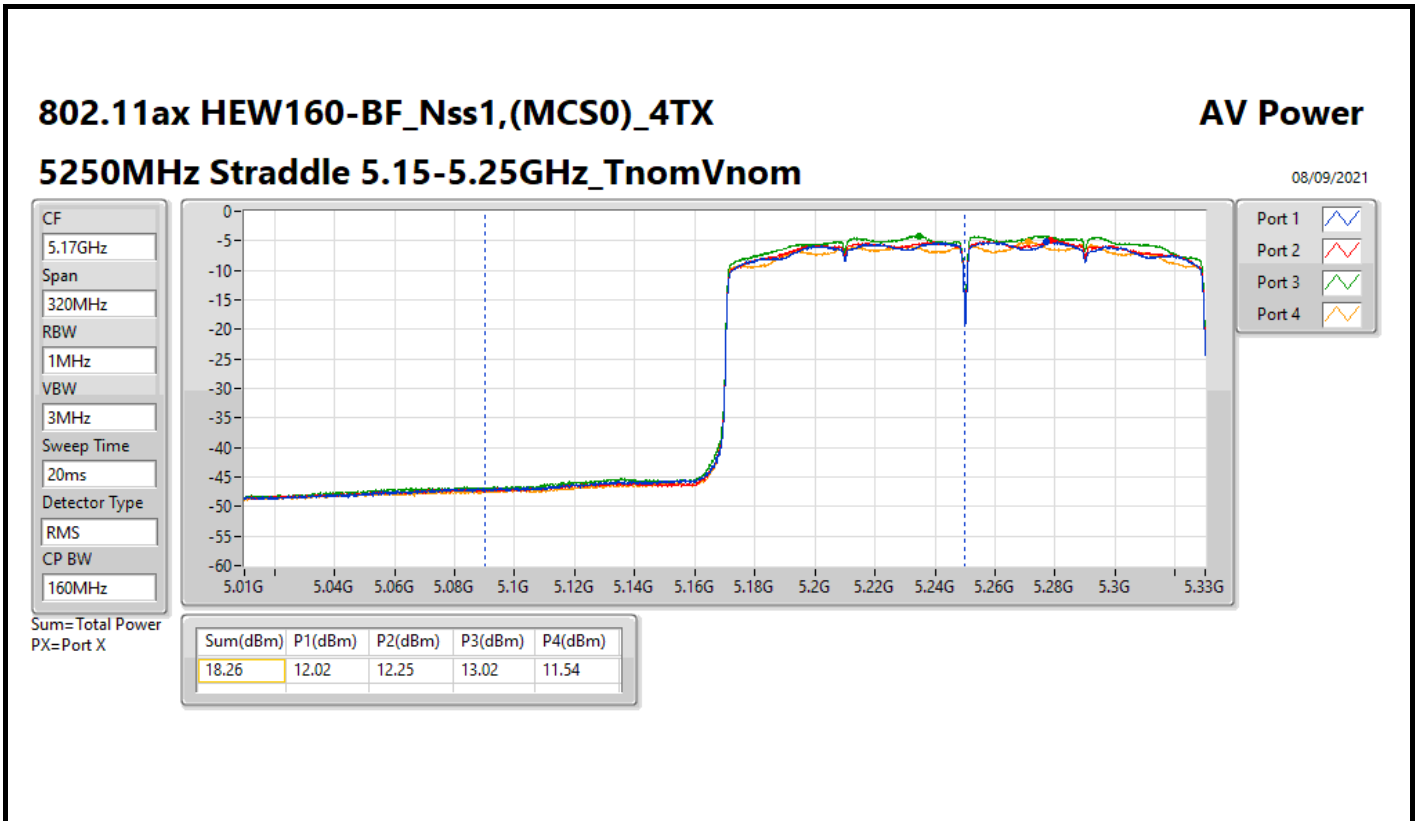
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	17.64	17.67	17.92	17.13	23.62	23.98
5300MHz	Pass	4.78	17.59	17.95	18.03	17.28	23.74	23.98
5320MHz	Pass	4.78	17.73	17.93	18.07	17.26	23.78	23.98
5500MHz	Pass	5.38	17.87	17.26	16.89	17.81	23.50	23.98
5580MHz	Pass	5.38	17.58	17.64	17.12	17.84	23.57	23.98
5700MHz	Pass	5.38	17.43	17.67	17.25	17.52	23.49	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.38	16.56	16.56	16.34	16.25	22.45	23.01
5720MHz Straddle 5.725-5.85GHz	Pass	5.95	11.41	11.83	11.4	11.46	17.55	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.78	17.33	17.35	17.97	17.39	23.54	23.98
5310MHz	Pass	4.78	17.35	17.68	18.16	17.37	23.67	23.98
5510MHz	Pass	5.38	17.68	17.19	16.91	17.85	23.44	23.98
5550MHz	Pass	5.38	17.59	17.34	17.21	17.87	23.53	23.98
5670MHz	Pass	5.38	17.84	17.71	17.61	18.08	23.83	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.38	17.47	17.83	17.55	17.86	23.70	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.95	7.69	7.81	7.74	7.7	13.76	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.78	16.04	16.25	16.67	15.7	22.20	23.98
5530MHz	Pass	5.38	17.23	16.96	16.57	17.64	23.14	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.38	17.63	17.82	17.73	18.03	23.83	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.95	4.23	4.26	4.3	4.35	10.31	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.55	12.02	12.25	13.02	11.54	18.26	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.78	12.13	12.24	13.33	12.06	18.49	23.98

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











**Summary**

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.36
802.11ax HEW20_Nss1,(MCS0)_2TX	8.45
802.11ax HEW40_Nss1,(MCS0)_2TX	7.08
802.11ax HEW80_Nss1,(MCS0)_2TX	4.04
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.25
802.11ax HEW20_Nss1,(MCS0)_2TX	8.34
802.11ax HEW40_Nss1,(MCS0)_2TX	8.10
802.11ax HEW80_Nss1,(MCS0)_2TX	4.65
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.46
802.11ax HEW20_Nss1,(MCS0)_2TX	6.48
802.11ax HEW40_Nss1,(MCS0)_2TX	5.36
802.11ax HEW80_Nss1,(MCS0)_2TX	1.21

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.51	5.01	5.42	8.15	8.49
5300MHz	Pass	8.51	5.22	5.54	8.36	8.49
5320MHz	Pass	8.51	5.01	5.31	8.11	8.49
5500MHz	Pass	8.51	5.19	5.28	8.12	8.49
5580MHz	Pass	8.51	5.39	5.01	8.10	8.49
5700MHz	Pass	8.51	5.39	4.74	8.03	8.49
5720MHz Straddle 5.47-5.725GHz	Pass	8.51	5.62	4.95	8.25	8.49
5720MHz Straddle 5.725-5.85GHz	Pass	8.51	3.66	3.32	6.46	27.49
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.51	5.32	5.73	8.45	8.49
5300MHz	Pass	8.51	4.94	5.48	8.11	8.49
5320MHz	Pass	8.51	5.18	5.70	8.38	8.49
5500MHz	Pass	8.51	5.40	5.40	8.34	8.49
5580MHz	Pass	8.51	5.22	5.19	8.15	8.49
5700MHz	Pass	8.51	5.56	5.03	8.22	8.49
5720MHz Straddle 5.47-5.725GHz	Pass	8.51	5.68	5.18	8.32	8.49
5720MHz Straddle 5.725-5.85GHz	Pass	8.51	3.74	3.26	6.48	27.49
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.51	4.07	4.15	7.04	8.49
5310MHz	Pass	8.51	3.97	4.37	7.08	8.49
5510MHz	Pass	8.51	4.40	4.51	7.42	8.49
5550MHz	Pass	8.51	4.61	4.48	7.47	8.49
5670MHz	Pass	8.51	4.24	4.03	7.11	8.49
5710MHz Straddle 5.47-5.725GHz	Pass	8.51	5.18	5.09	8.10	8.49
5710MHz Straddle 5.725-5.85GHz	Pass	8.51	2.48	2.25	5.36	27.49
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.51	0.93	1.23	4.04	8.49
5530MHz	Pass	8.51	1.04	1.04	3.92	8.49
5690MHz Straddle 5.47-5.725GHz	Pass	8.51	1.82	1.49	4.65	8.49
5690MHz Straddle 5.725-5.85GHz	Pass	8.51	-1.93	-1.59	1.21	27.49

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

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

### PSD

#### 5260MHz

03/09/2021

CF  
5.26GHz

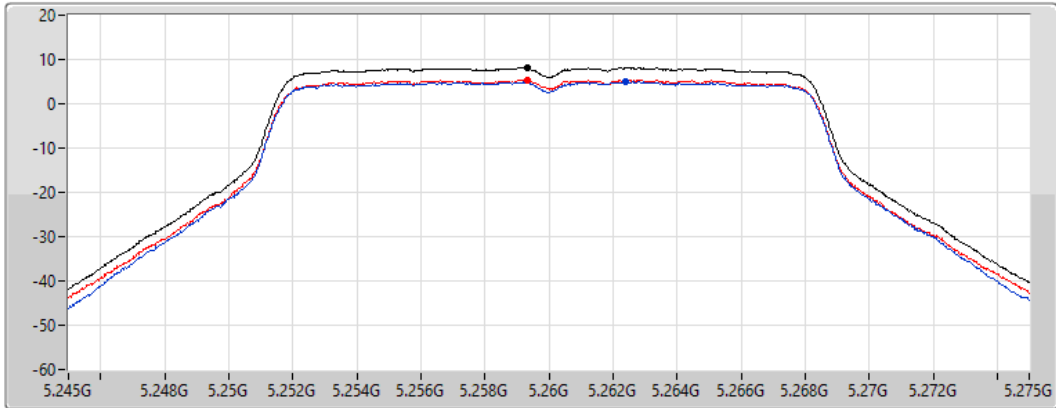
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.01	5.42

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

### PSD

#### 5300MHz

03/09/2021

CF  
5.3GHz

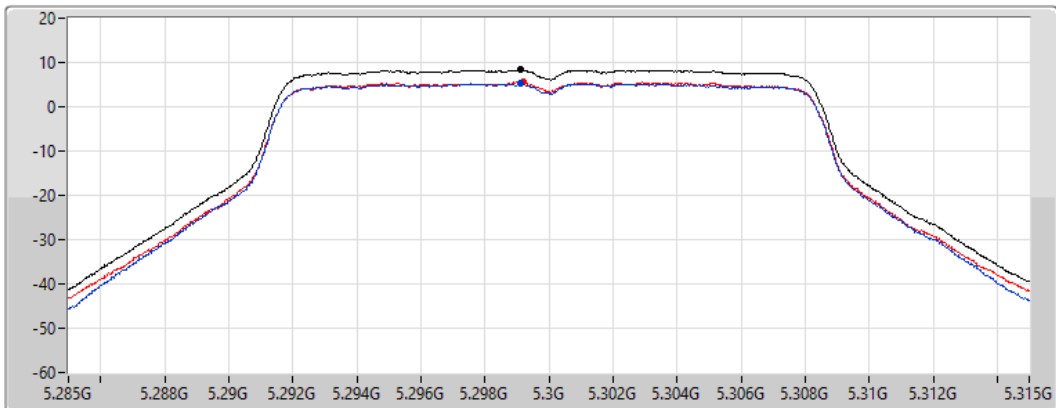
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.22	5.54

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

### PSD

5320MHz

03/09/2021

CF  
5.32GHz

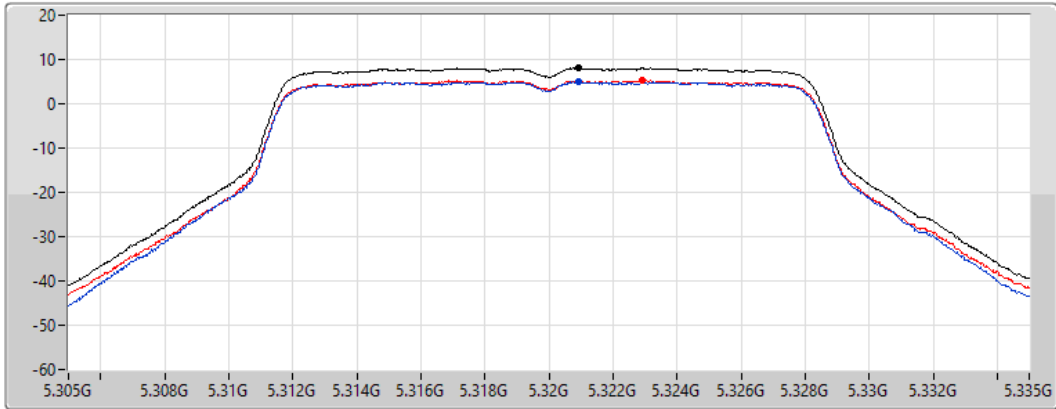
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.01	5.31

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

### PSD

5500MHz

03/09/2021

CF  
5.5GHz

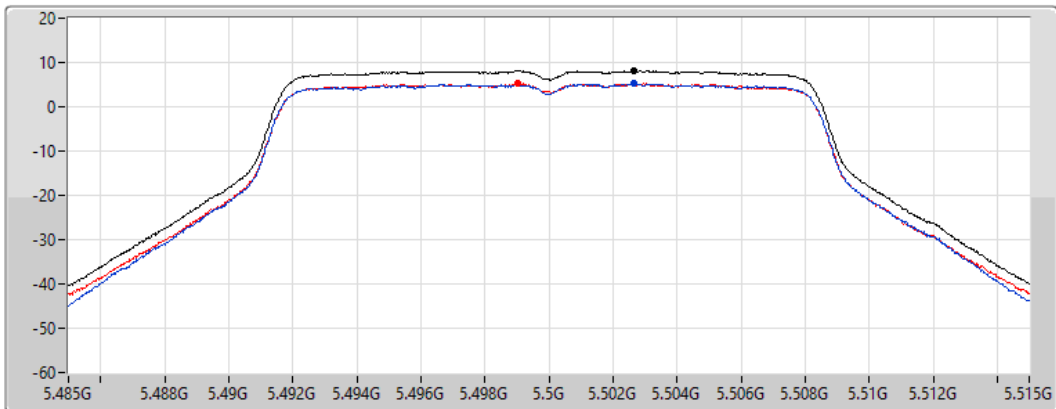
Span  
30MHz


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)
8.12	8.12	5.19	5.28

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

### PSD

#### 5580MHz

03/09/2021

CF  
5.58GHz

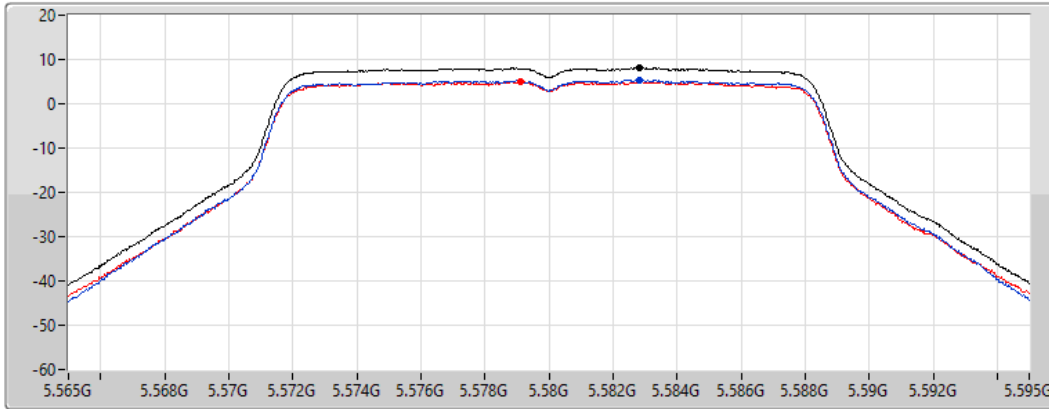
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	5.39	5.01

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

### PSD

#### 5700MHz

03/09/2021

CF  
5.7GHz

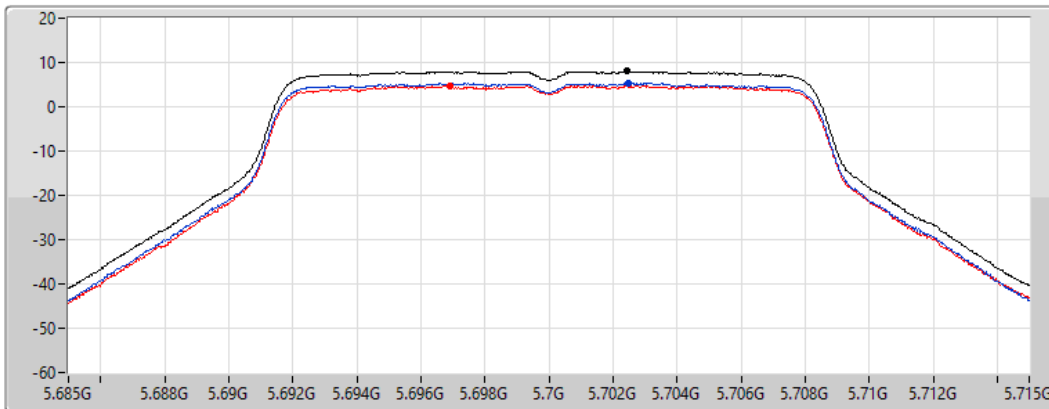
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	5.39	4.74

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

#### 5720MHz Straddle 5.47-5.725GHz

PSD

03/09/2021

CF  
5.71GHz

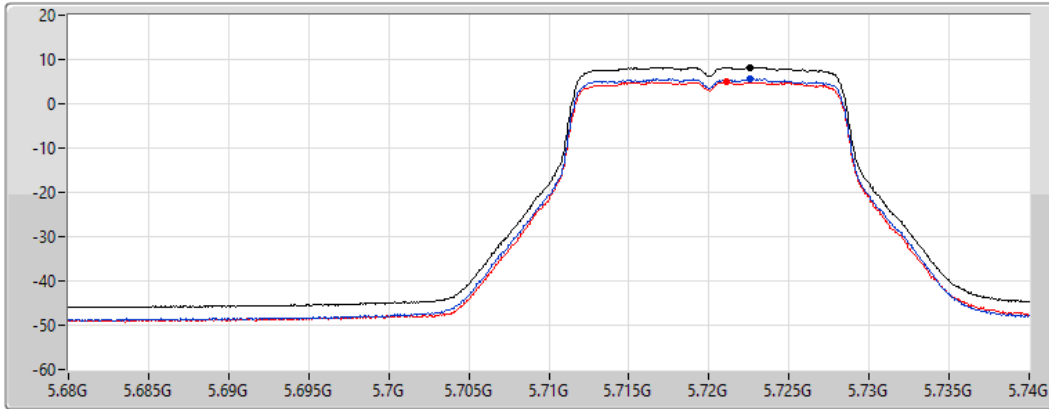
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.62	4.95

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

#### 5720MHz Straddle 5.725-5.85GHz

PSD

03/09/2021

CF  
5.735GHz

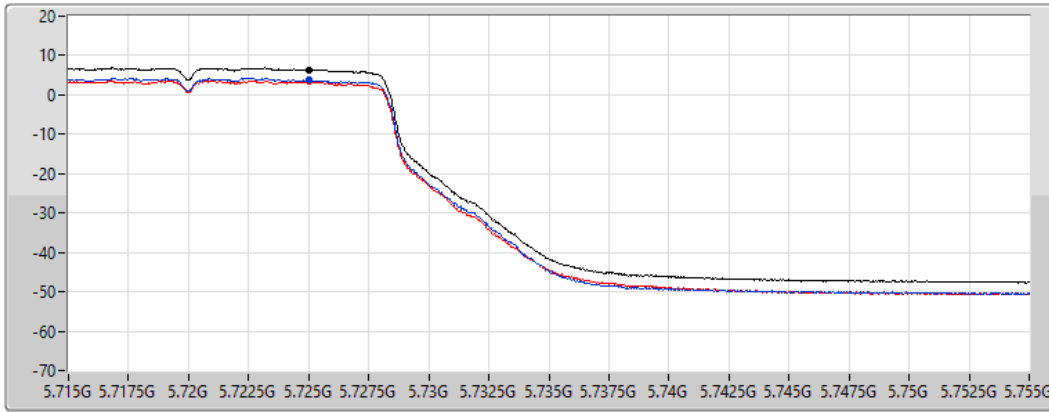
Span  
40MHz


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)
6.46	6.46	3.66	3.32

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

### PSD

#### 5260MHz

03/09/2021

CF  
5.26GHz

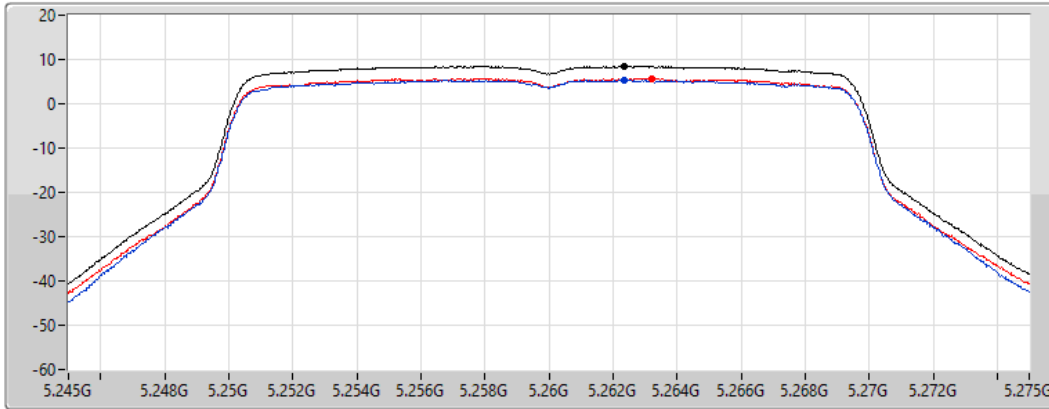
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	5.32	5.73

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

### PSD

#### 5300MHz

03/09/2021

CF  
5.3GHz

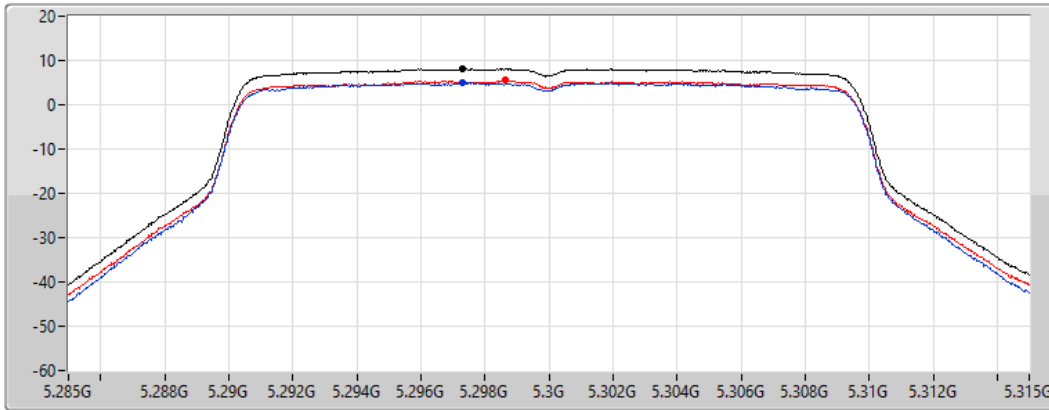
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	4.94	5.48

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

### PSD

5320MHz

03/09/2021

CF  
5.32GHz

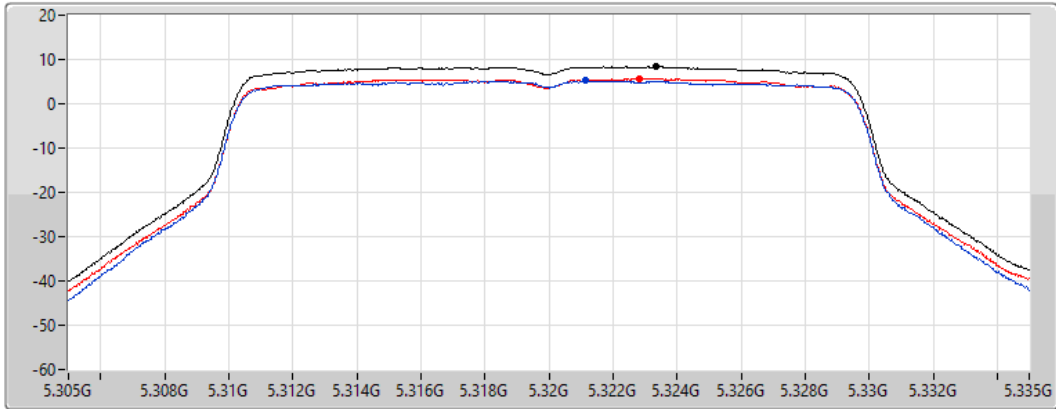
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	5.18	5.70

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

### PSD

5500MHz

03/09/2021

CF  
5.5GHz

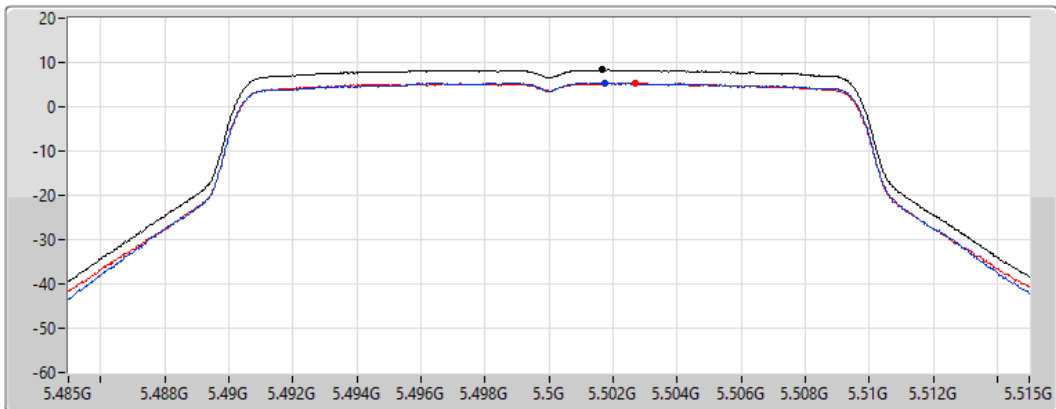
Span  
30MHz


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)
8.34	8.34	5.40	5.40



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

### PSD

#### 5580MHz

03/09/2021

CF  
5.58GHz

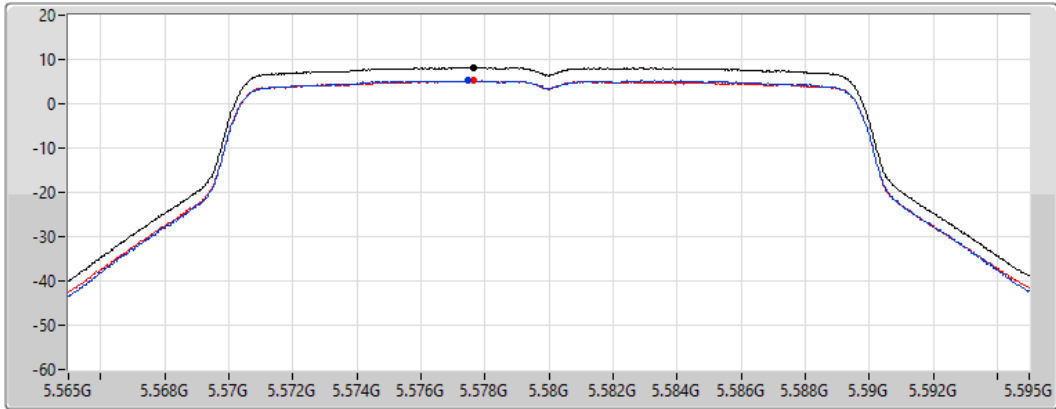
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.22	5.19

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

### PSD

#### 5700MHz

03/09/2021

CF  
5.7GHz

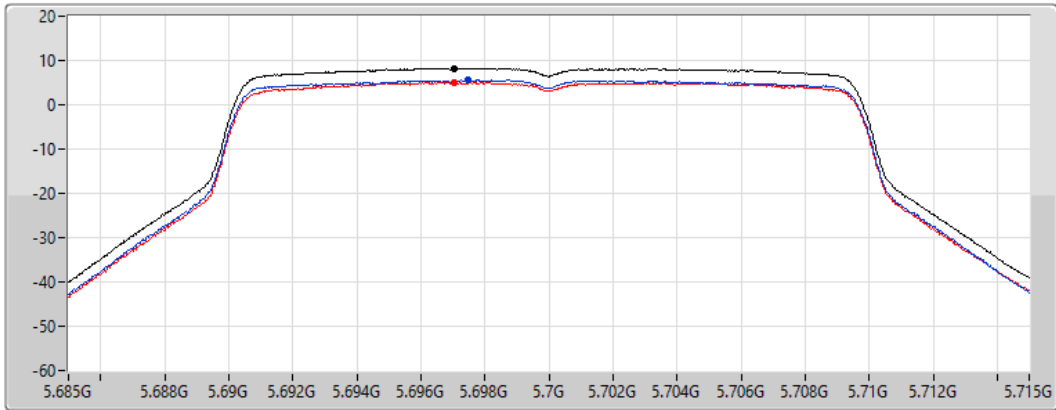
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.56	5.03

**802.11ax HEW20\_Nss1,(MCS0)\_2TX**

**PSD**

**5720MHz Straddle 5.47-5.725GHz**

03/09/2021

CF  
5.71GHz

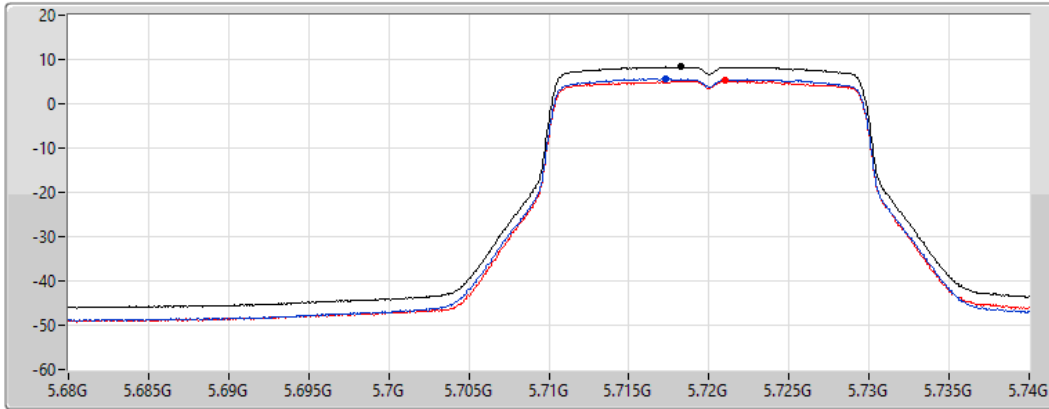
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	5.68	5.18

**802.11ax HEW20\_Nss1,(MCS0)\_2TX**

**PSD**

**5720MHz Straddle 5.725-5.85GHz**

03/09/2021

CF  
5.735GHz

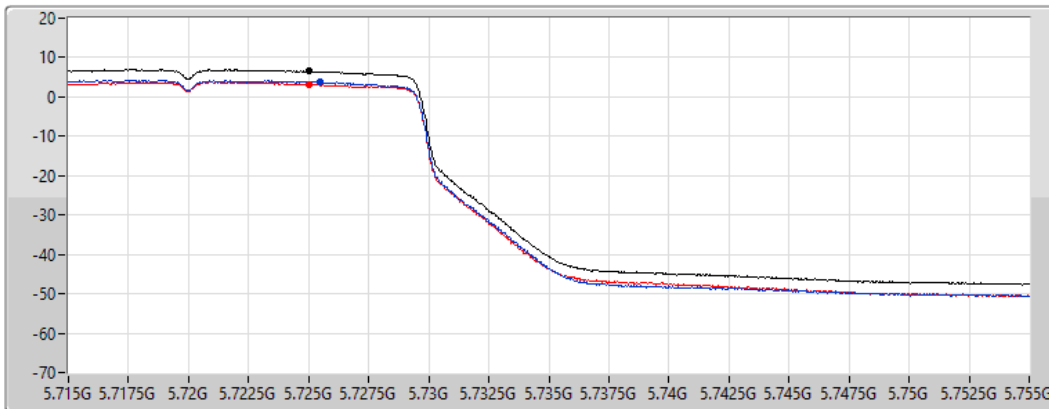
Span  
40MHz


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)
6.48	6.48	3.74	3.26

802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5270MHz

03/09/2021

CF  
5.27GHz

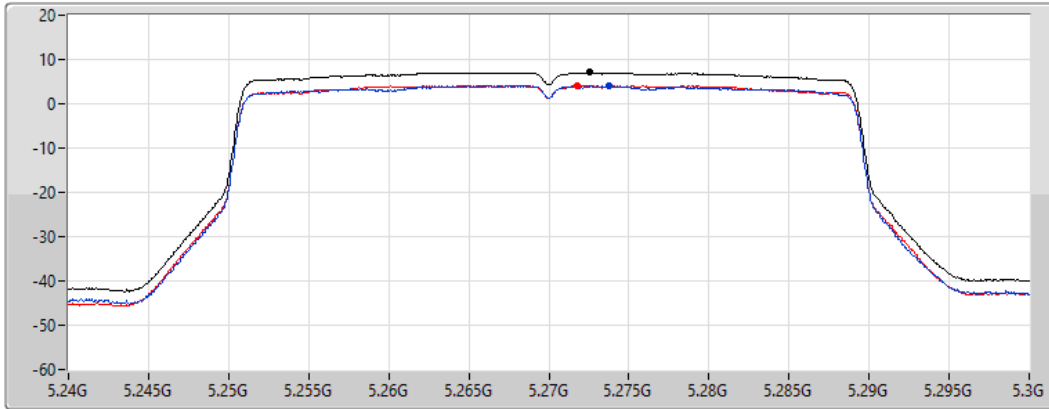
Span  
60MHz


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)
7.04	7.04	4.07	4.15

802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5310MHz

03/09/2021

CF  
5.31GHz

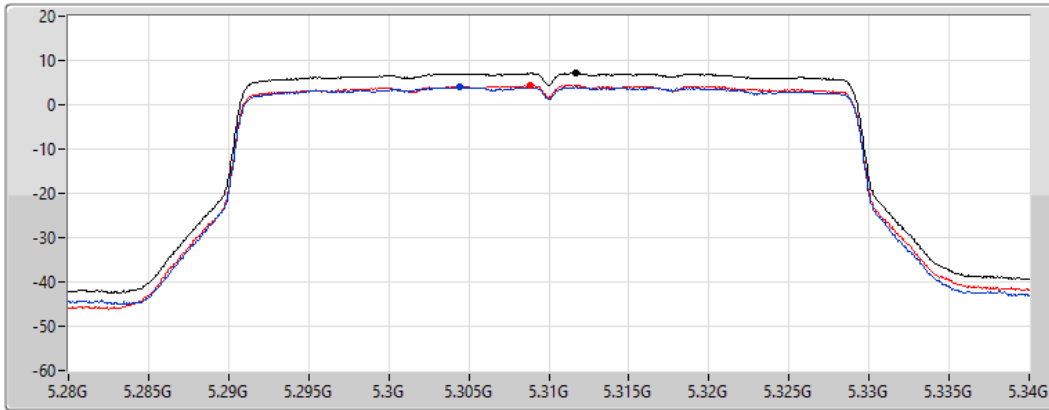
Span  
60MHz


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)
7.08	7.08	3.97	4.37

802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5510MHz

03/09/2021

CF  
5.51GHz

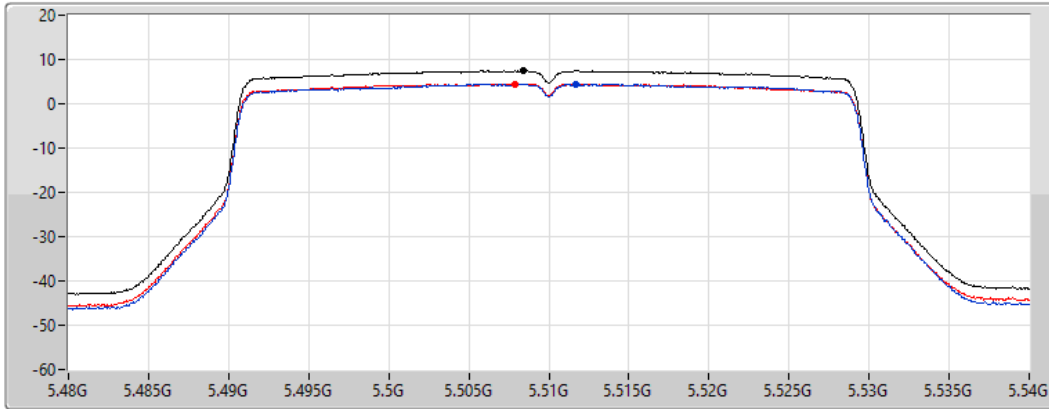
Span  
60MHz


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)
7.42	7.42	4.40	4.51

802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5550MHz

03/09/2021

CF  
5.55GHz

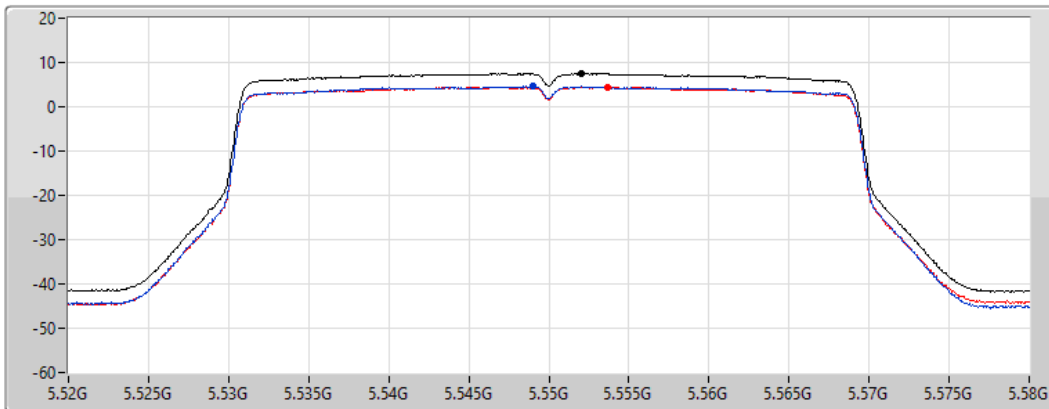
Span  
60MHz


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)
7.47	7.47	4.61	4.48

802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5670MHz

03/09/2021

CF  
5.67GHz

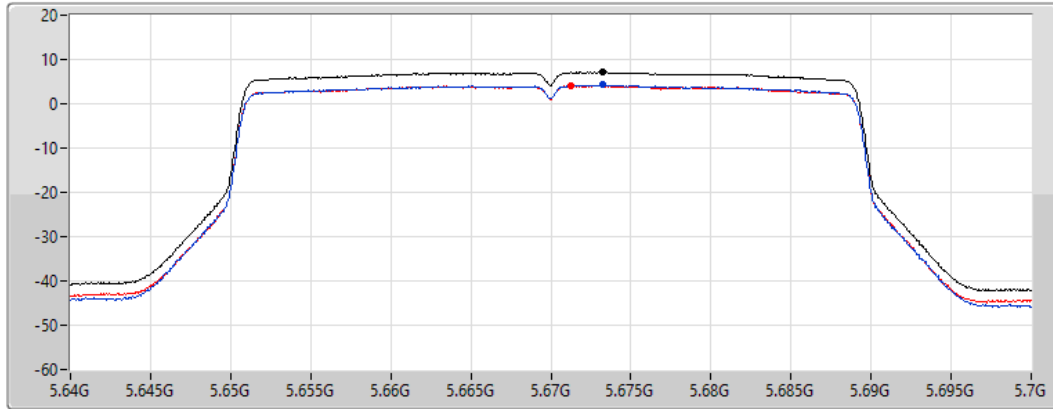
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	4.24	4.03

802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/09/2021

CF  
5.69GHz

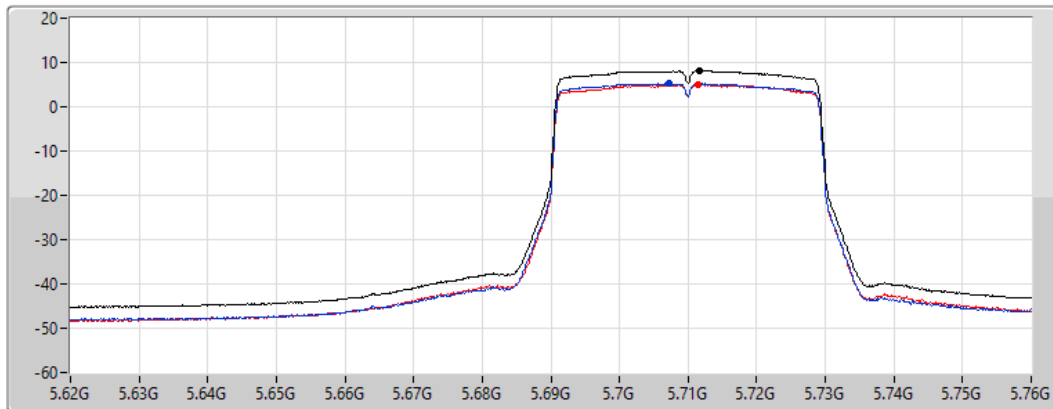
Span  
140MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	5.18	5.09

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

PSD

#### 5710MHz Straddle 5.725-5.85GHz

03/09/2021

CF  
5.735GHz

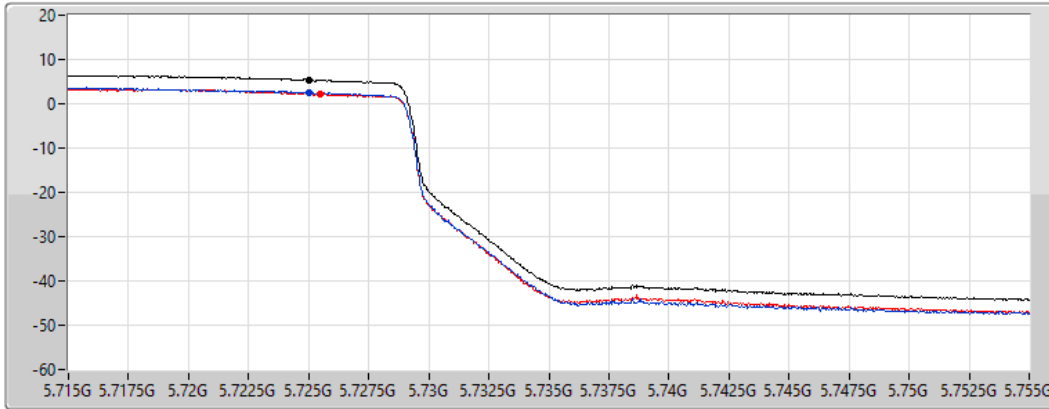
Span  
40MHz

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)
5.36	5.36	2.48	2.25

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

PSD

#### 5290MHz

03/09/2021

CF  
5.29GHz

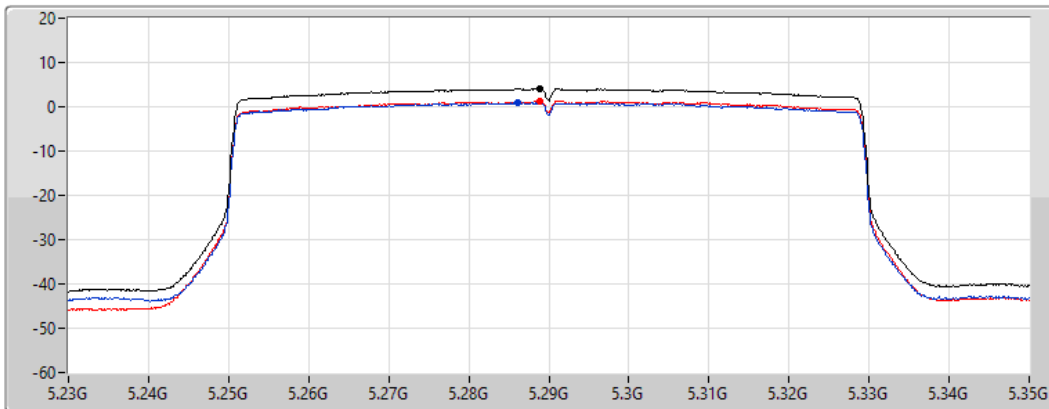
Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	0.93	1.23

802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5530MHz

03/09/2021

CF  
5.53GHz

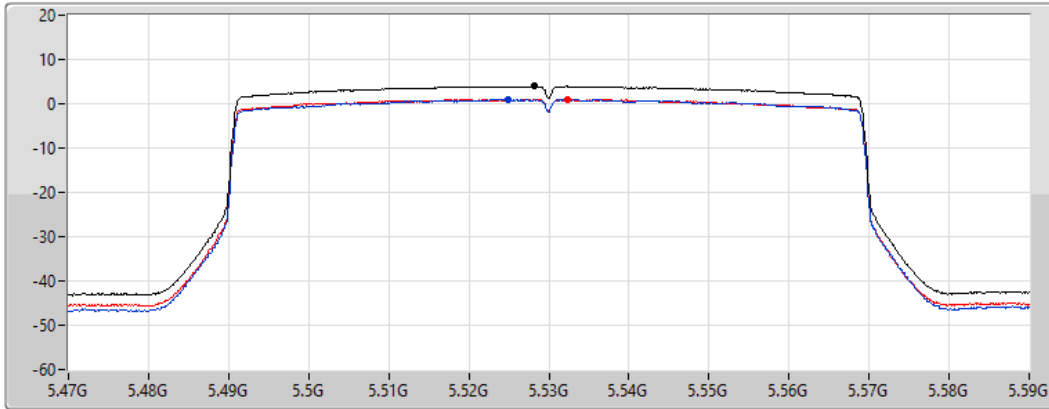
Span  
120MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	1.04	1.04

802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/09/2021

CF  
5.65GHz

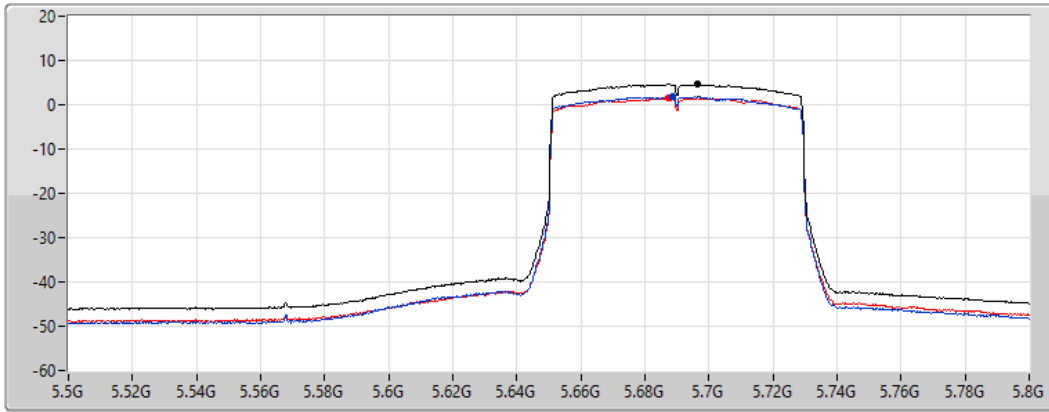
Span  
300MHz


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)
4.65	4.65	1.82	1.49

**802.11ax HEW80\_Nss1,(MCS0)\_2TX**

**PSD**

**5690MHz Straddle 5.725-5.85GHz**

03/09/2021

CF  
5.735GHz

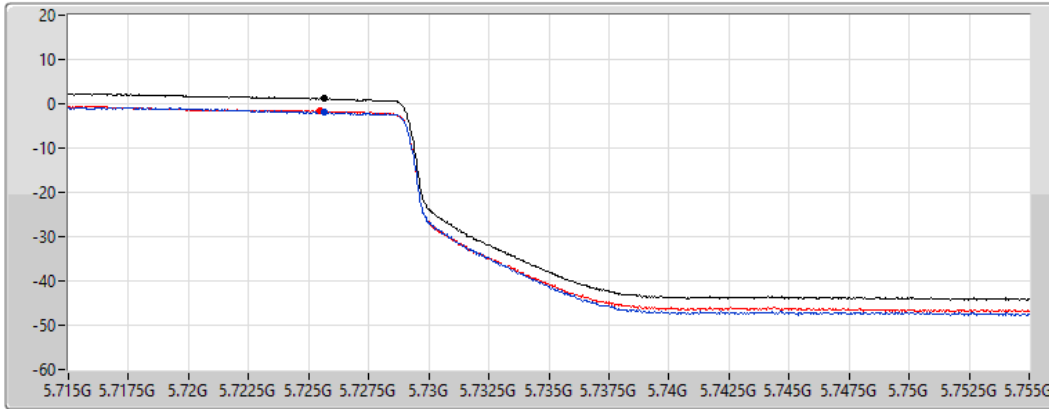
Span  
40MHz


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)
1.21	1.21	-1.93	-1.59





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.75
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.73
802.11ax HEW20_Nss1,(MCS0)_4TX	10.22
802.11ax HEW40_Nss1,(MCS0)_4TX	7.16
802.11ax HEW80_Nss1,(MCS0)_4TX	2.65
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.61
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.85
802.11ax HEW20_Nss1,(MCS0)_4TX	10.62
802.11ax HEW40_Nss1,(MCS0)_4TX	8.31
802.11ax HEW80_Nss1,(MCS0)_4TX	5.02
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.79
802.11ax HEW20_Nss1,(MCS0)_4TX	8.85
802.11ax HEW40_Nss1,(MCS0)_4TX	5.40
802.11ax HEW80_Nss1,(MCS0)_4TX	1.71

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	4.56	4.34	5.32	4.26	10.55	11.00
5300MHz	Pass	4.78	4.47	4.70	5.61	4.57	10.73	11.00
5320MHz	Pass	4.78	4.63	4.71	5.61	4.47	10.72	11.00
5500MHz	Pass	5.38	5.11	4.30	4.20	5.31	10.63	11.00
5580MHz	Pass	5.38	4.92	4.65	4.33	5.67	10.85	11.00
5700MHz	Pass	5.38	4.63	4.73	4.37	4.93	10.60	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.38	4.21	4.65	4.70	4.74	10.52	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.95	3.84	3.88	3.60	4.00	9.79	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	4.46	4.60	4.59	3.33	10.22	11.00
5300MHz	Pass	4.78	4.34	4.65	4.46	3.41	10.17	11.00
5320MHz	Pass	4.78	4.42	4.52	4.57	3.50	10.19	11.00
5500MHz	Pass	5.38	4.69	4.32	2.86	4.22	9.95	11.00
5580MHz	Pass	5.38	4.34	4.46	3.00	4.68	10.06	11.00
5700MHz	Pass	5.38	4.04	4.29	3.28	4.13	9.86	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.38	4.78	4.99	4.30	4.61	10.62	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.95	2.66	3.33	2.47	2.98	8.85	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.78	0.81	1.05	2.06	1.29	7.11	11.00
5310MHz	Pass	4.78	0.76	1.08	2.10	1.30	7.16	11.00
5510MHz	Pass	5.38	1.60	0.83	1.01	1.94	7.14	11.00
5550MHz	Pass	5.38	1.45	1.11	0.97	1.83	7.21	11.00
5670MHz	Pass	5.38	1.74	1.33	1.67	1.91	7.60	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.38	2.21	2.43	2.52	2.49	8.31	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.95	-0.47	-0.51	-0.56	-0.60	5.40	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.78	-3.41	-3.07	-2.50	-3.63	2.65	11.00
5530MHz	Pass	5.38	-1.90	-2.42	-2.67	-1.64	3.75	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.38	-0.93	-0.93	-1.11	-0.85	5.02	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.95	-4.18	-4.25	-4.43	-4.22	1.71	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.55	-6.81	-6.75	-5.77	-7.15	-0.75	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.78	-6.67	-6.59	-5.47	-6.91	-0.61	11.00

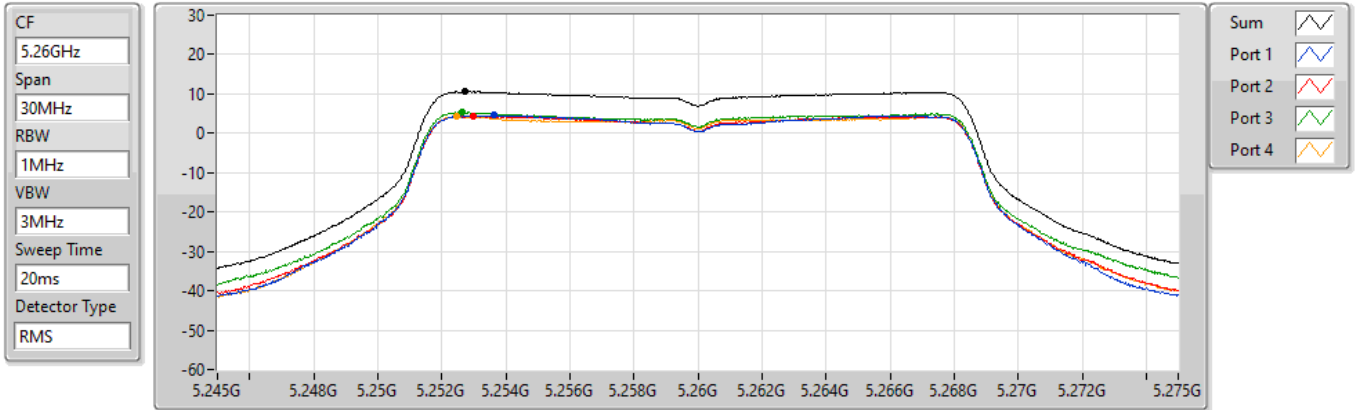
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

### PSD

#### 5260MHz

07/09/2021



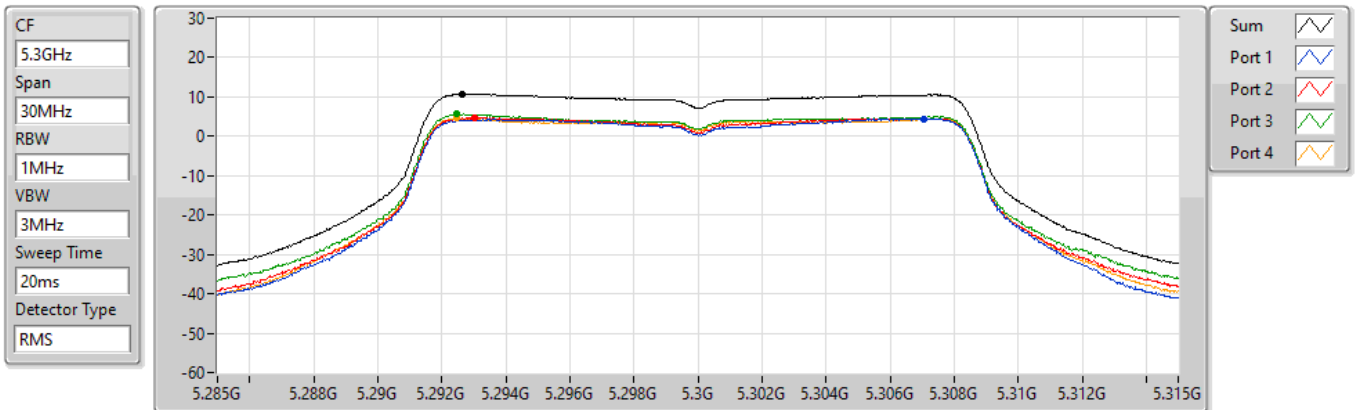
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	4.56	4.34	5.32	4.26

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

### PSD

#### 5300MHz

07/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.47	4.70	5.61	4.57

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

### PSD

5320MHz

07/09/2021

CF  
5.32GHz

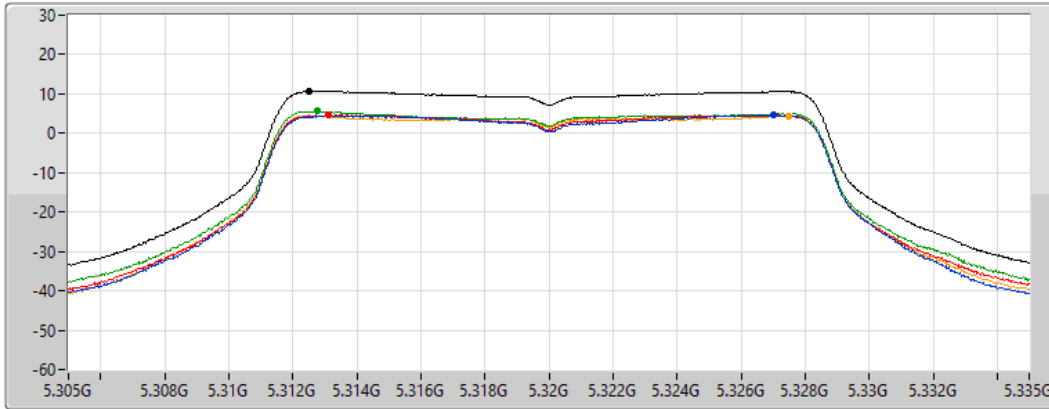
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	4.63	4.71	5.61	4.47

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

### PSD

5500MHz

07/09/2021

CF  
5.5GHz

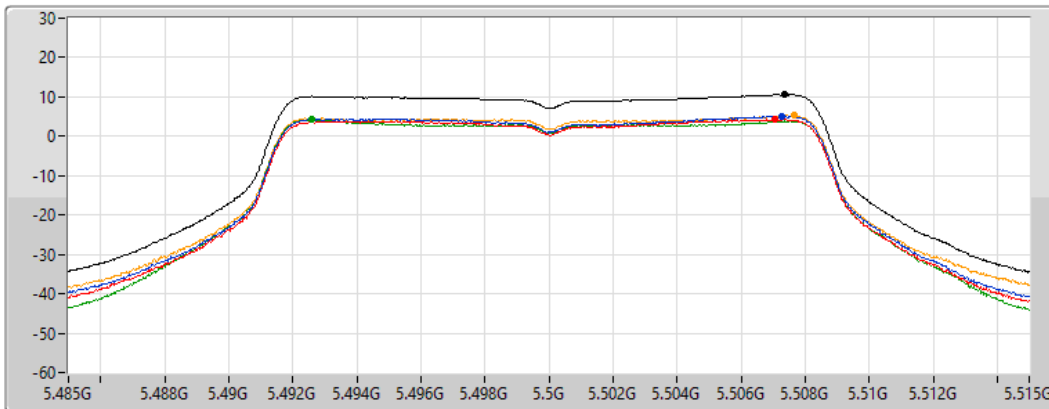
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	5.11	4.30	4.20	5.31

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

### PSD

5580MHz

07/09/2021

CF  
5.58GHz

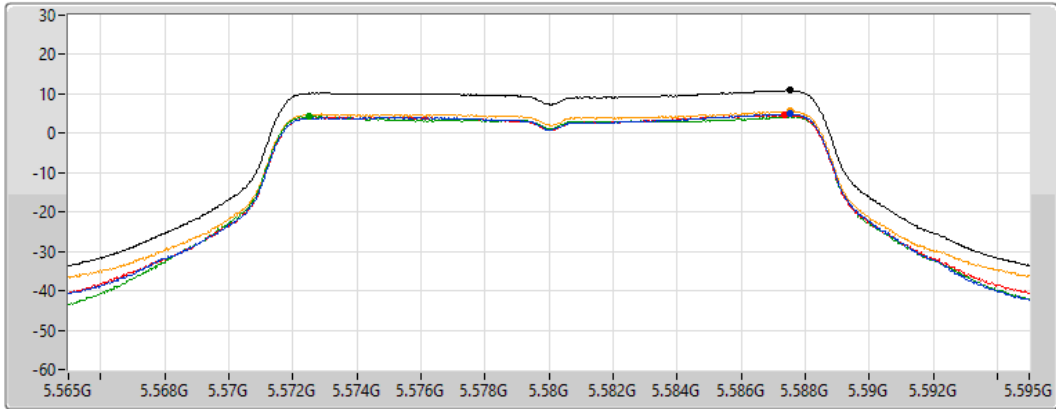
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	4.92	4.65	4.33	5.67

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

### PSD

5700MHz

07/09/2021

CF  
5.7GHz

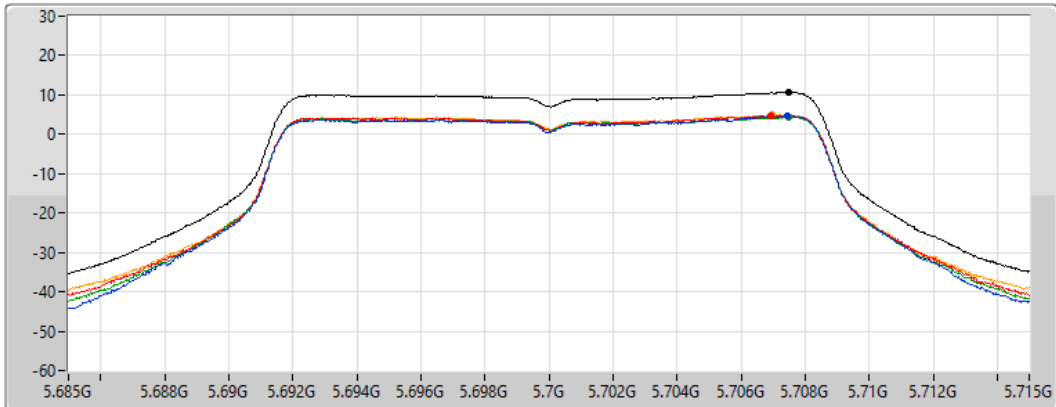
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	4.63	4.73	4.37	4.93

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

#### 5720MHz Straddle 5.47-5.725GHz

PSD

07/09/2021

CF  
5.71GHz

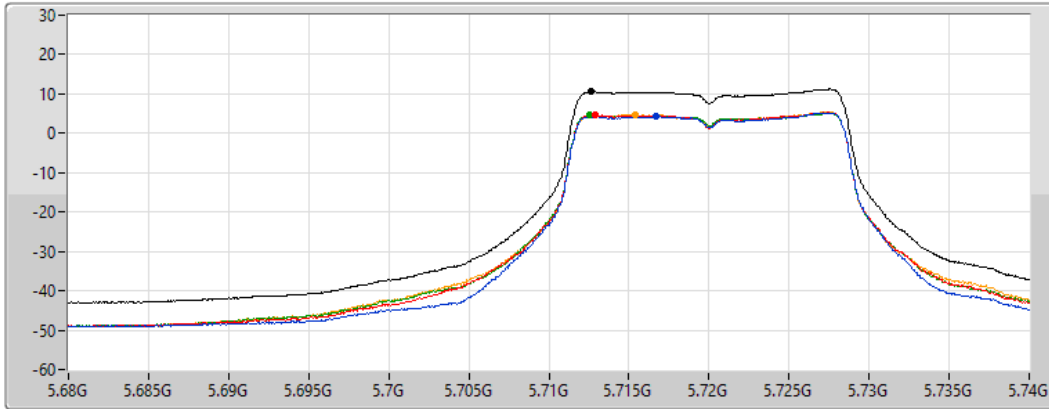
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	4.21	4.65	4.70	4.74

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

#### 5720MHz Straddle 5.725-5.85GHz

PSD

07/09/2021

CF  
5.735GHz

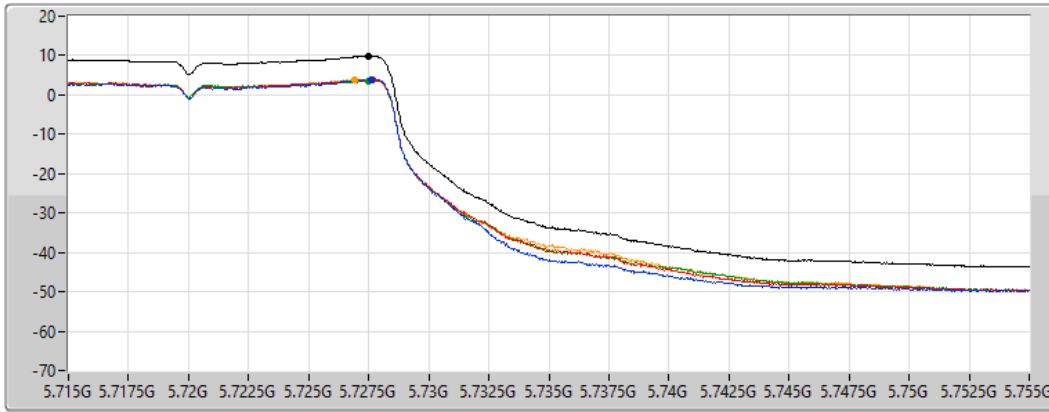
Span  
40MHz


RBW  
500kHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	3.84	3.88	3.60	4.00

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

### PSD

5260MHz

07/09/2021

CF  
5.26GHz

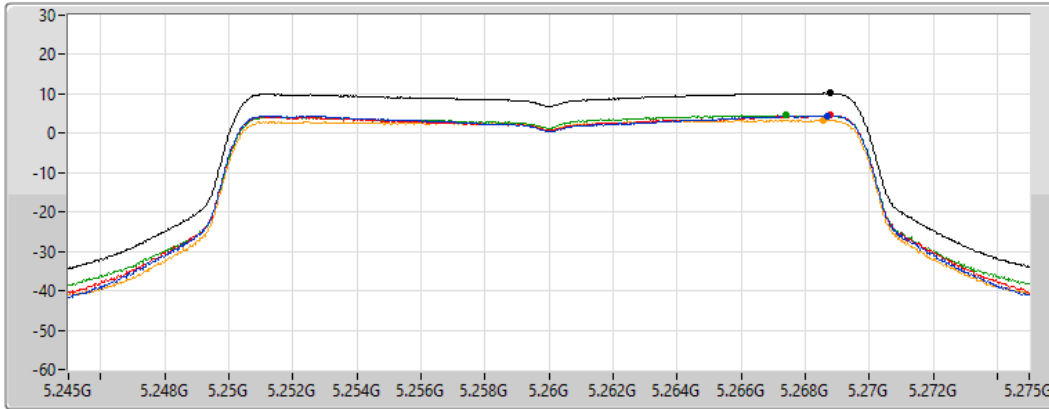
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.22	10.22	4.46	4.60	4.59	3.33

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

### PSD

5300MHz

07/09/2021

CF  
5.3GHz

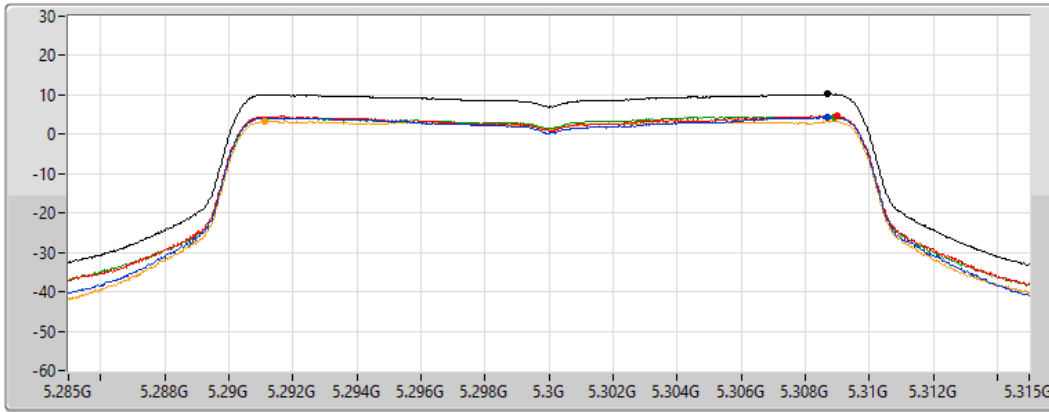
Span  
30MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

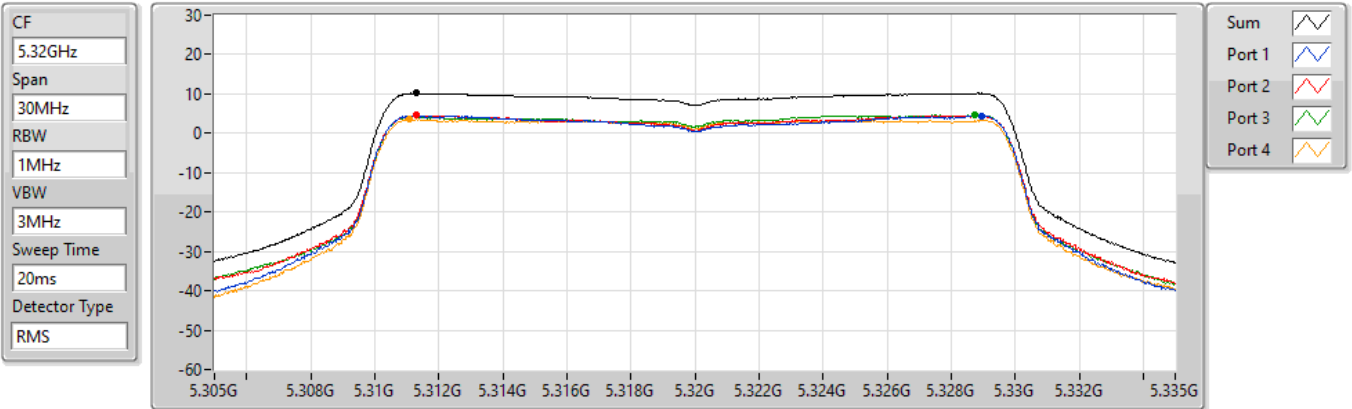
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.17	10.17	4.34	4.65	4.46	3.41

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

### PSD

5320MHz

07/09/2021



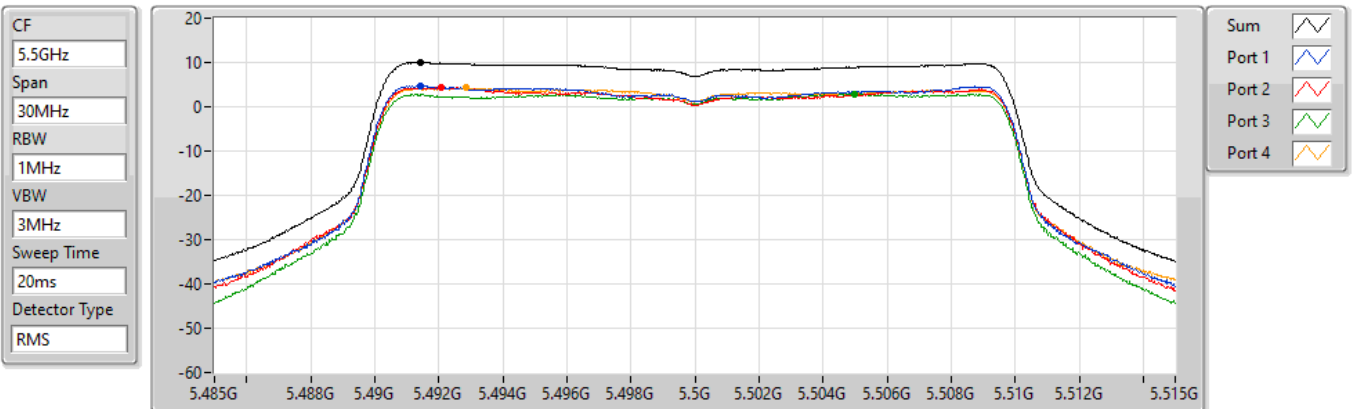
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.19	10.19	4.42	4.52	4.57	3.50

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

### PSD

5500MHz

07/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	4.69	4.32	2.86	4.22

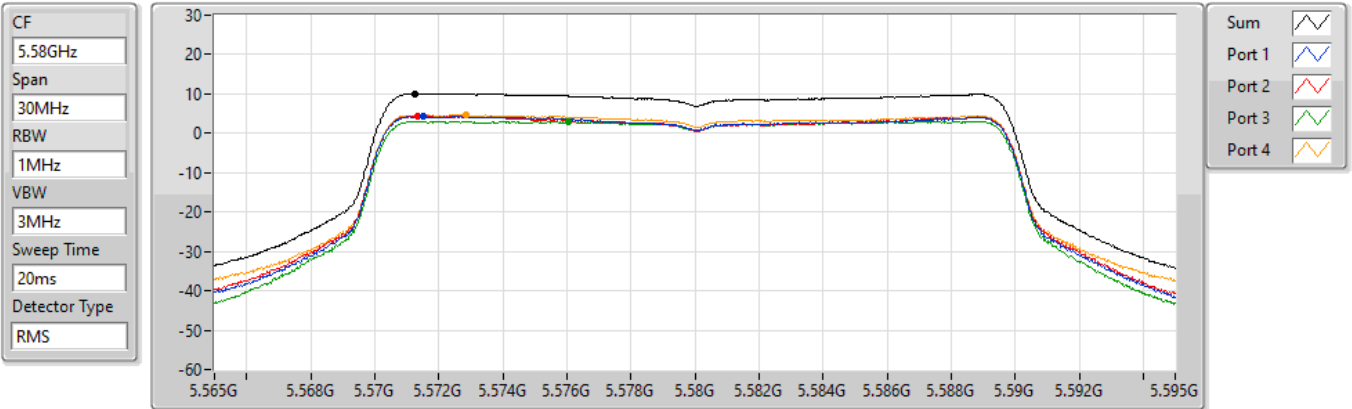


### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5580MHz

07/09/2021



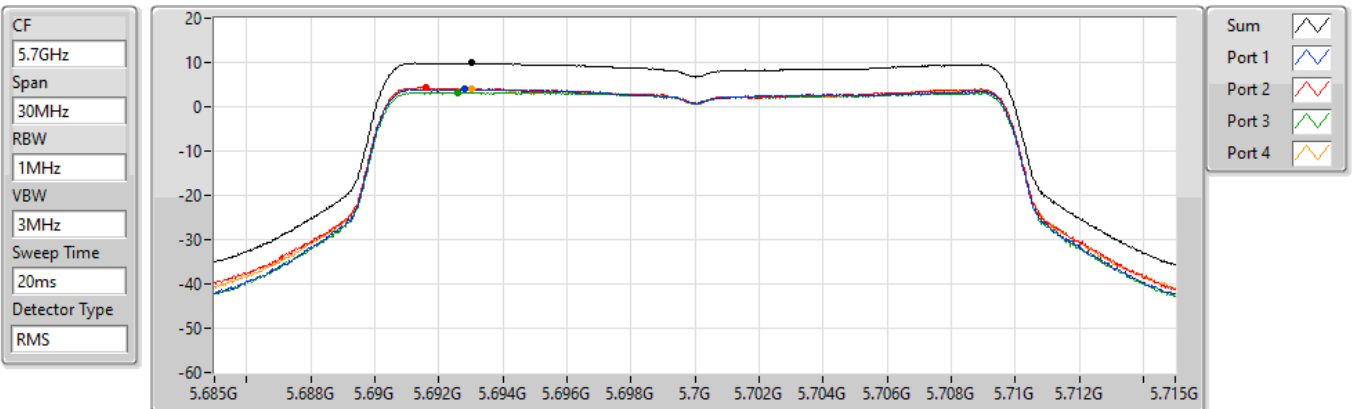
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	4.34	4.46	3.00	4.68

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

### PSD

#### 5700MHz

07/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	4.04	4.29	3.28	4.13

**802.11ax HEW20\_Nss1,(MCS0)\_4TX**  
**5720MHz Straddle 5.47-5.725GHz**

**PSD**

07/09/2021

CF  
5.71GHz

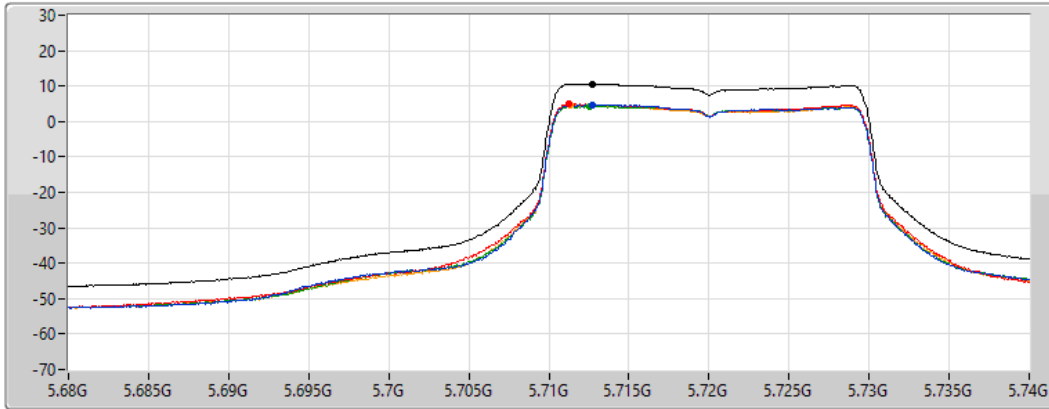
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.78	4.99	4.30	4.61

**802.11ax HEW20\_Nss1,(MCS0)\_4TX**  
**5720MHz Straddle 5.725-5.85GHz**

**PSD**

07/09/2021

CF  
5.735GHz

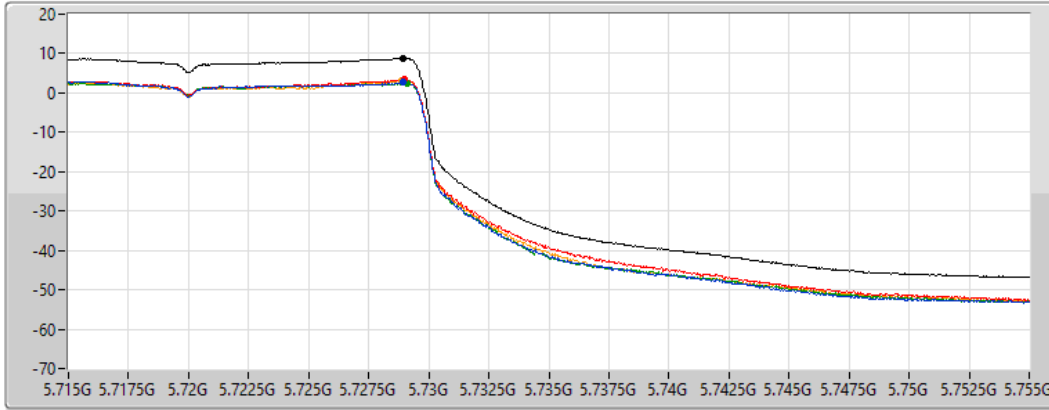
Span  
40MHz


RBW  
500kHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	2.66	3.33	2.47	2.98

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5270MHz

07/09/2021

CF  
5.27GHz

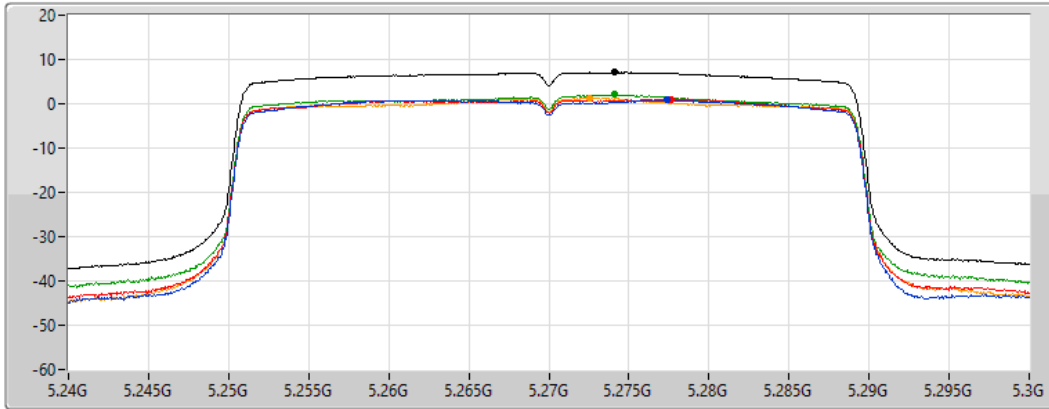
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	0.81	1.05	2.06	1.29

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5310MHz

07/09/2021

CF  
5.31GHz

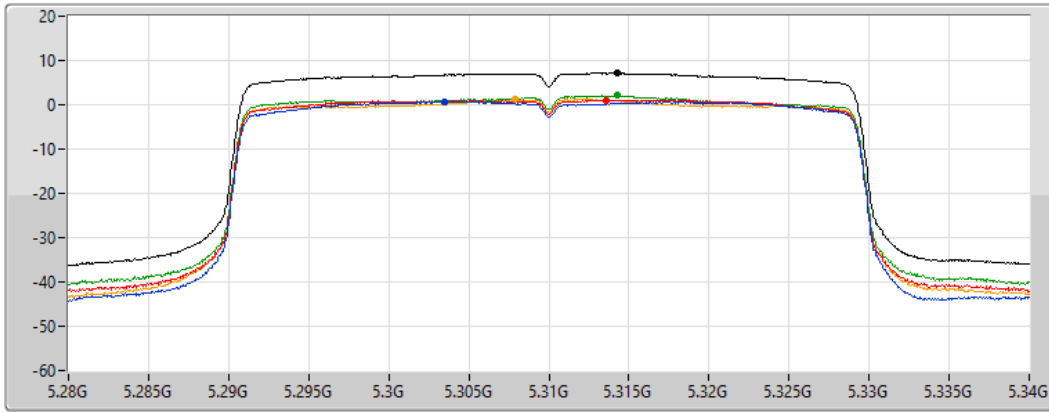
Span  
60MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

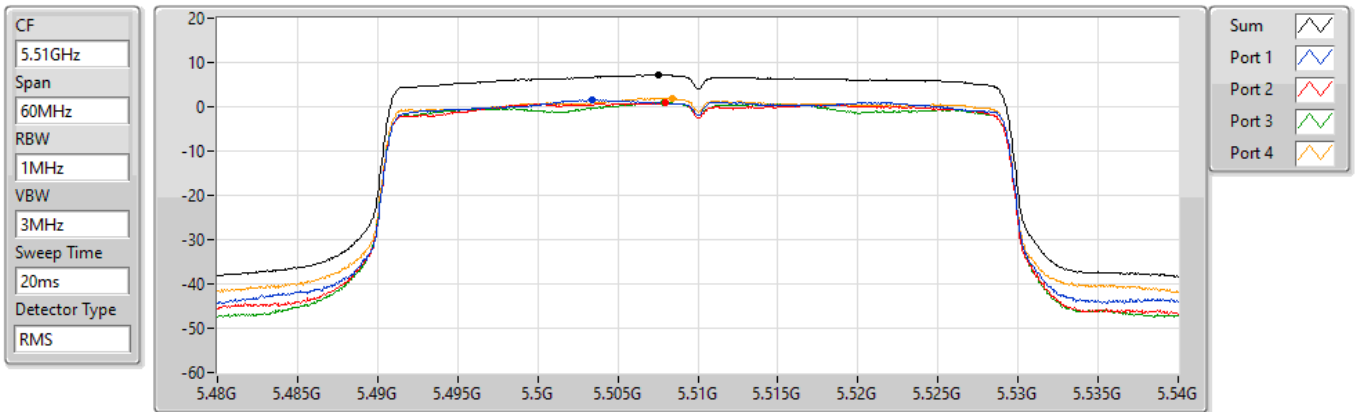
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	0.76	1.08	2.10	1.30

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

PSD

#### 5510MHz

07/09/2021



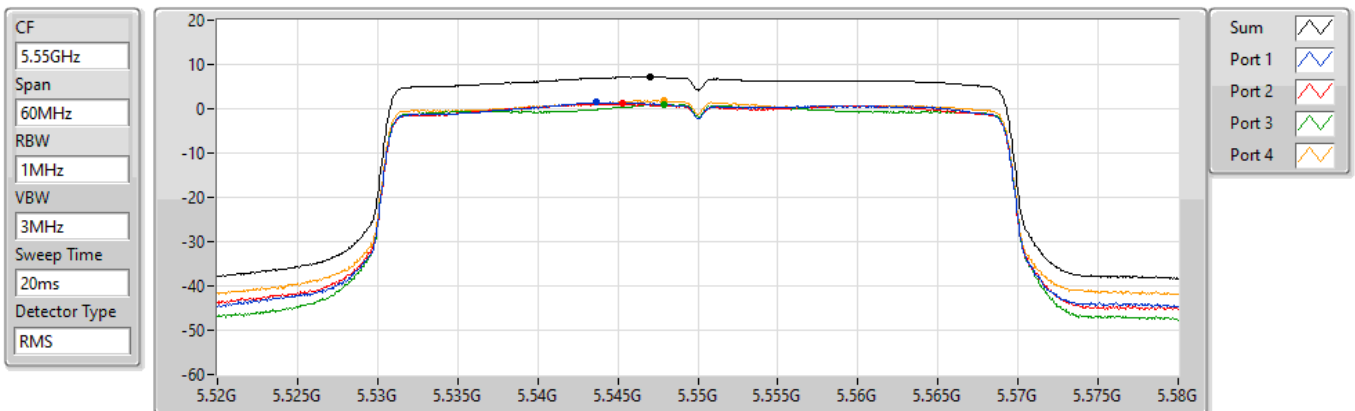
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.60	0.83	1.01	1.94

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

PSD

#### 5550MHz

07/09/2021



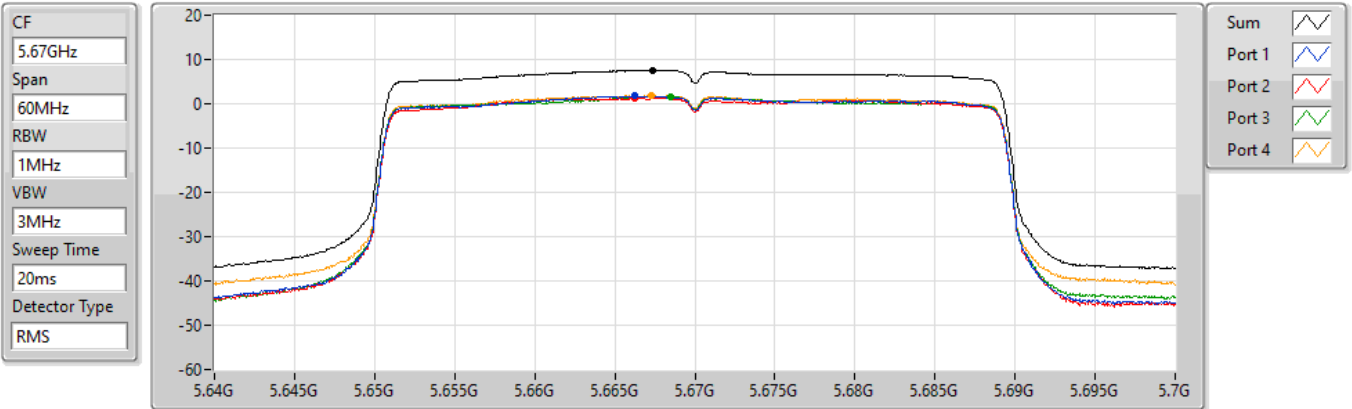
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	1.45	1.11	0.97	1.83

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

PSD

#### 5670MHz

08/09/2021



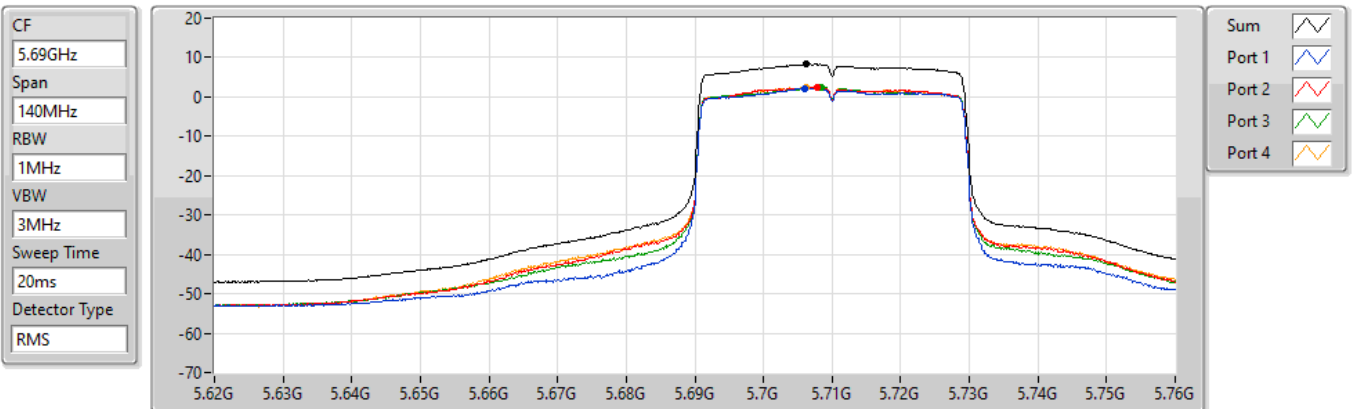
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	1.74	1.33	1.67	1.91

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

PSD

#### 5710MHz Straddle 5.47-5.725GHz

08/09/2021



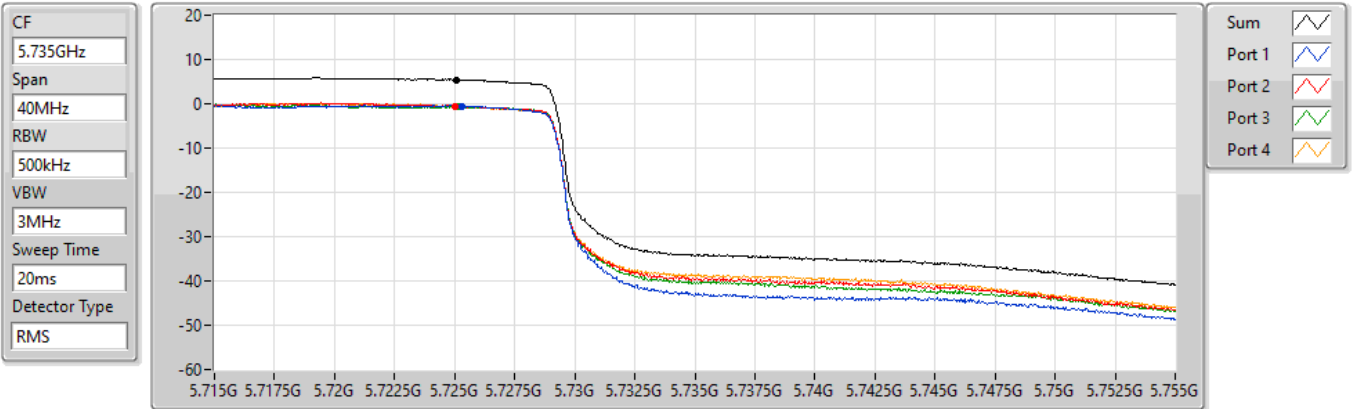
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	2.21	2.43	2.52	2.49

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

PSD

#### 5710MHz Straddle 5.725-5.85GHz

08/09/2021



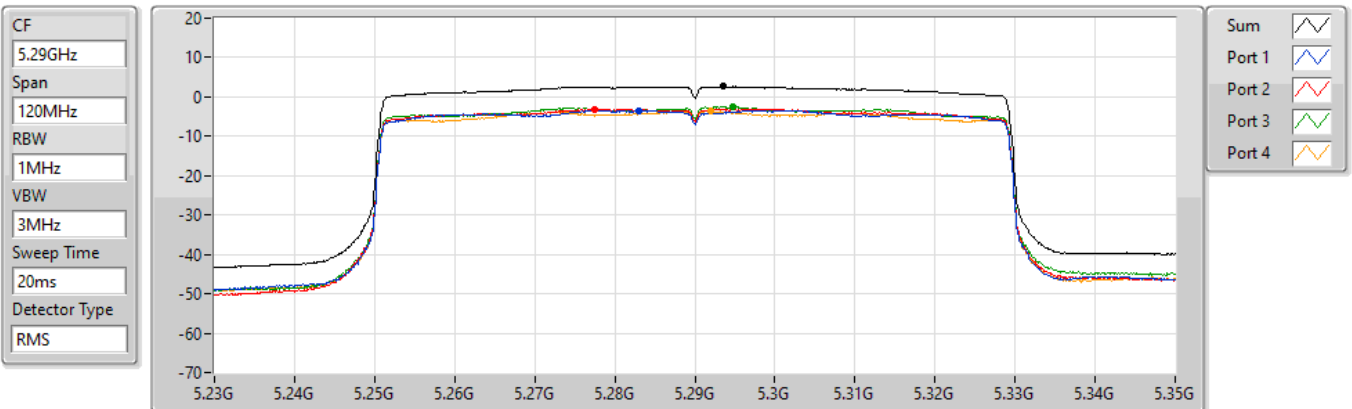
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	-0.47	-0.51	-0.56	-0.60

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

PSD

#### 5290MHz

08/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65	-3.41	-3.07	-2.50	-3.63

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

PSD

#### 5530MHz

08/09/2021

CF  
5.53GHz

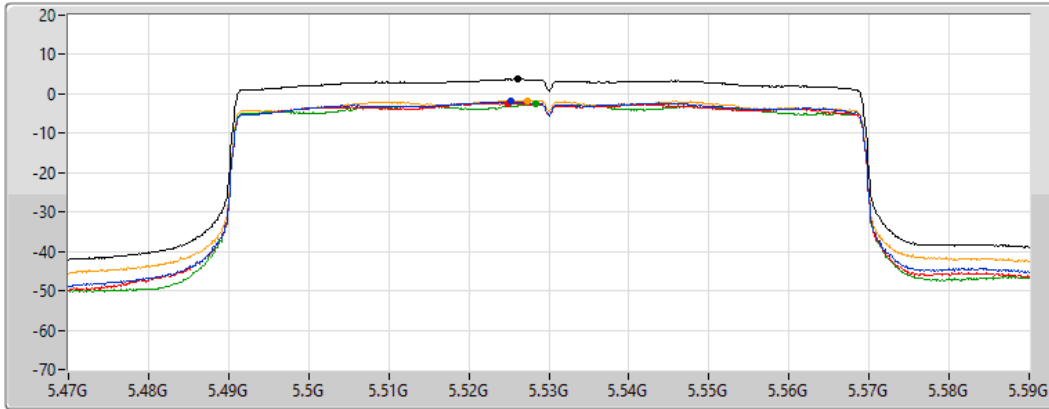
Span  
120MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.75	3.75	-1.90	-2.42	-2.67	-1.64

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

PSD

#### 5690MHz Straddle 5.47-5.725GHz

08/09/2021

CF  
5.65GHz

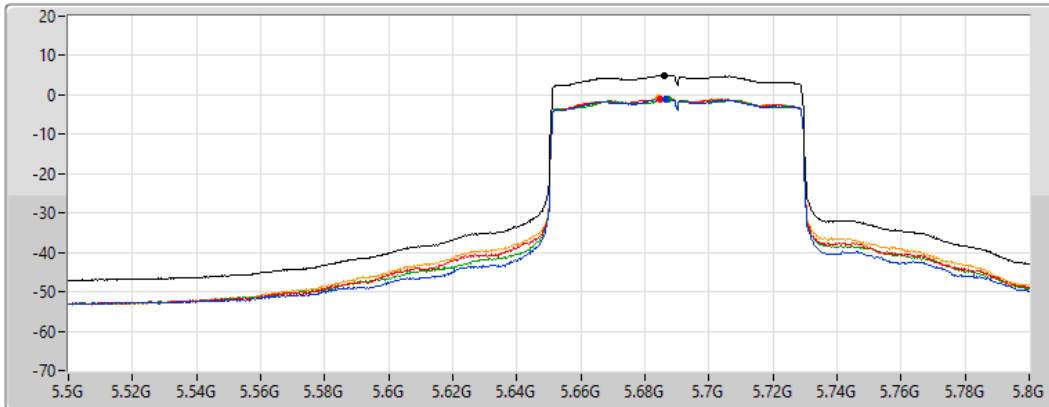
Span  
300MHz


RBW  
1MHz


VBW  
3MHz


Sweep Time  
20ms


Detector Type  
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

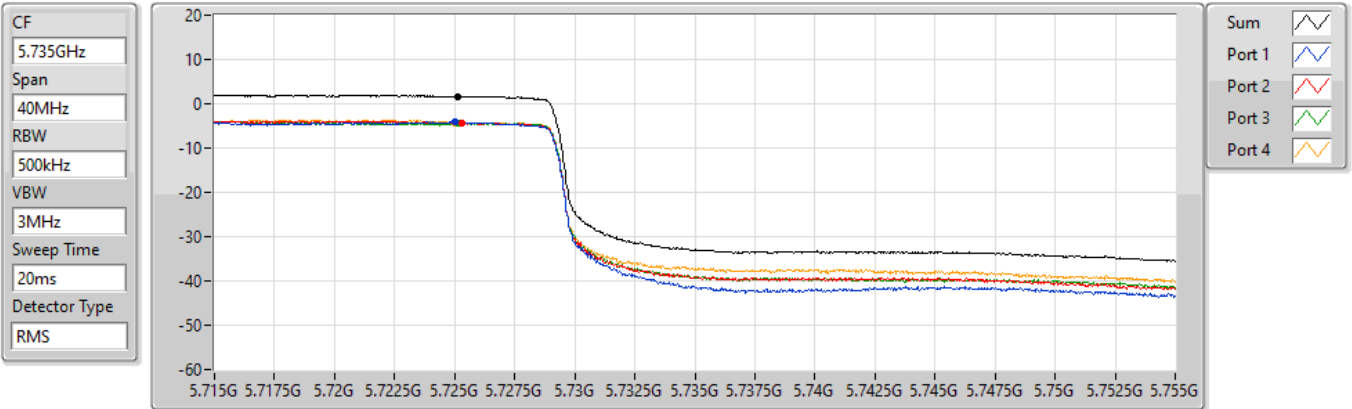
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-0.93	-0.93	-1.11	-0.85

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

PSD

#### 5690MHz Straddle 5.725-5.85GHz

08/09/2021



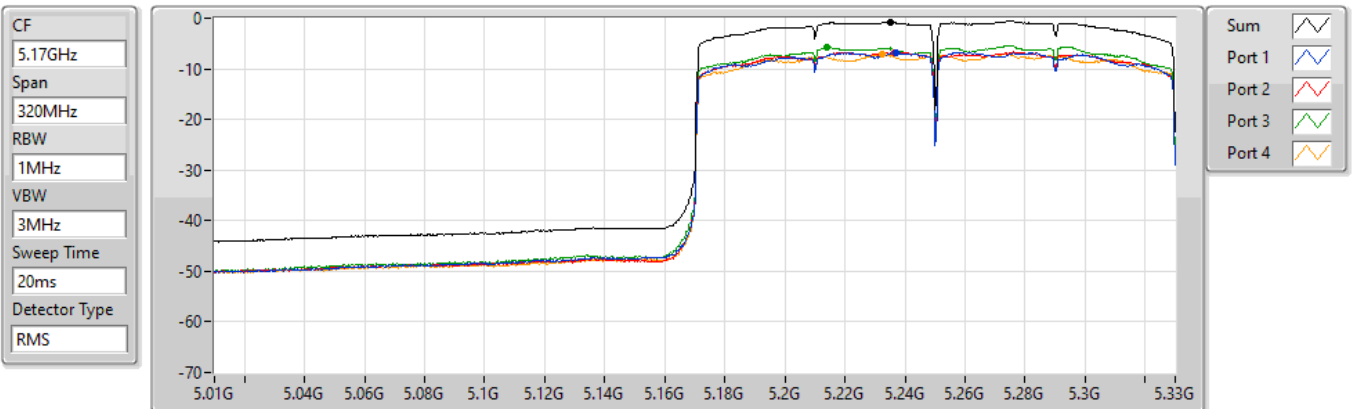
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	-4.18	-4.25	-4.43	-4.22

### 802.11ax HEW160\_Nss1,(MCS0)\_4TX

PSD

#### 5250MHz Straddle 5.15-5.25GHz

08/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-6.81	-6.75	-5.77	-7.15

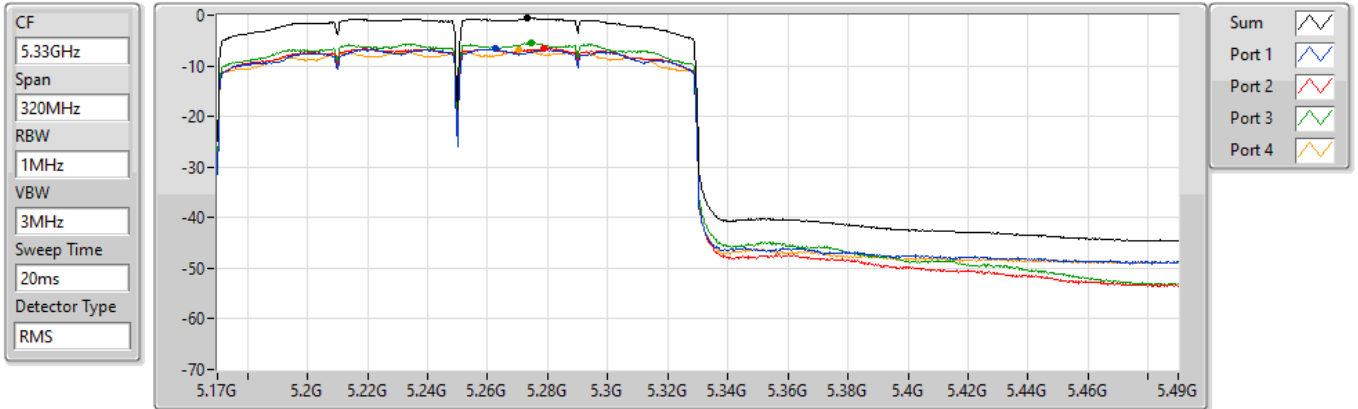


802.11ax HEW160\_Nss1,(MCS0)\_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

08/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.67	-6.59	-5.47	-6.91

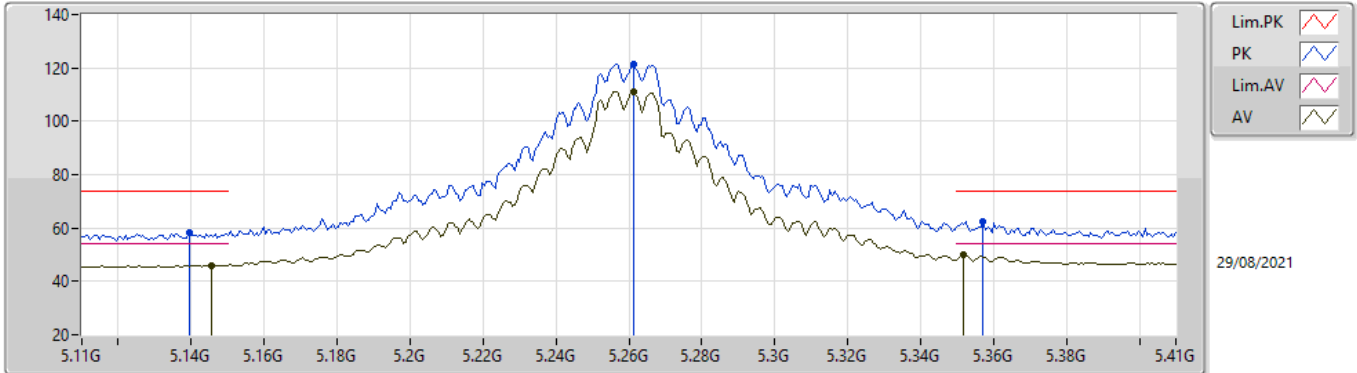


Summary

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	5.7264G	68.08	68.20	-0.12	3	Horizontal	5	1.92	-

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

### 5260MHz\_TnomVnom

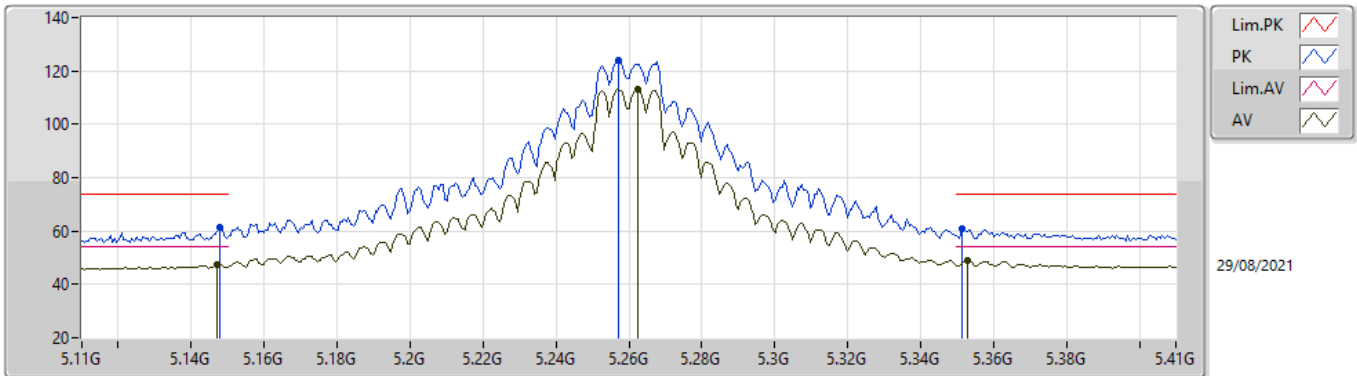


EUTY\_2TX  
Setting 29  
04-D-R-5-10

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	5.1394G	58.08	74.00	-15.92	52.81	3	Vertical	334	2.98	-	32.80	5.64	33.17
AV	5.1454G	46.06	54.00	-7.94	40.78	3	Vertical	334	2.98	-	32.80	5.65	33.17
PK	5.2612G	121.55	Inf	-Inf	116.07	3	Vertical	334	2.98	-	32.92	5.73	33.17
AV	5.2612G	111.22	Inf	-Inf	105.74	3	Vertical	334	2.98	-	32.92	5.73	33.17
PK	5.3572G	62.64	74.00	-11.36	56.97	3	Vertical	334	2.98	-	33.06	5.78	33.17
AV	5.3518G	49.91	54.00	-4.09	44.29	3	Vertical	334	2.98	-	33.01	5.78	33.17

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

### 5260MHz\_TnomVnom

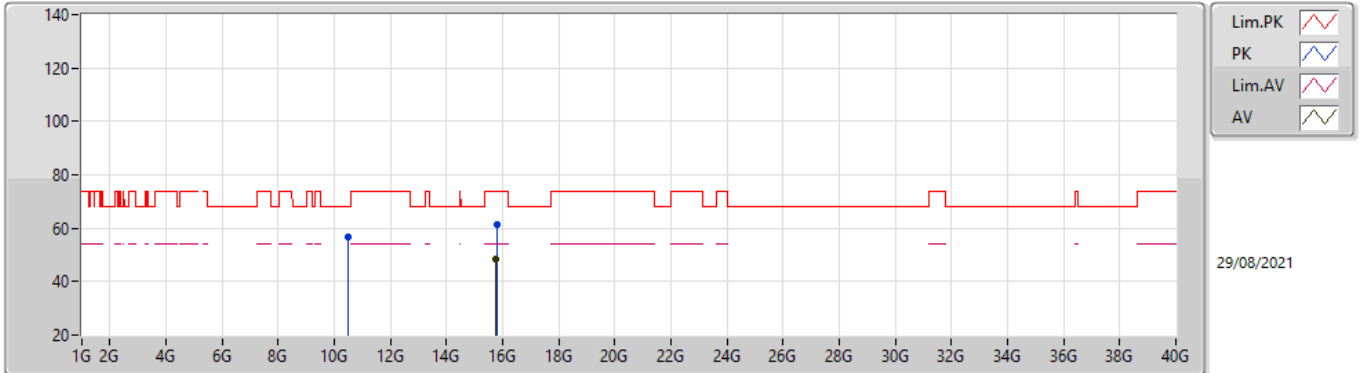


EUTV\_2TX  
Setting 29  
04-D-R-5-10

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	5.1478G	61.22	74.00	-12.78	55.94	3	Horizontal	352	2.76	-	32.80	5.65	33.17
AV	5.1472G	47.43	54.00	-6.57	42.15	3	Horizontal	352	2.76	-	32.80	5.65	33.17
PK	5.257G	123.74	Inf	-Inf	118.27	3	Horizontal	352	2.76	-	32.91	5.73	33.17
AV	5.2624G	113.18	Inf	-Inf	107.70	3	Horizontal	352	2.76	-	32.92	5.73	33.17
PK	5.3512G	60.86	74.00	-13.14	55.24	3	Horizontal	352	2.76	-	33.01	5.78	33.17
AV	5.353G	48.82	54.00	-5.18	43.19	3	Horizontal	352	2.76	-	33.02	5.78	33.17

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

### 5260MHz\_TnomVnom

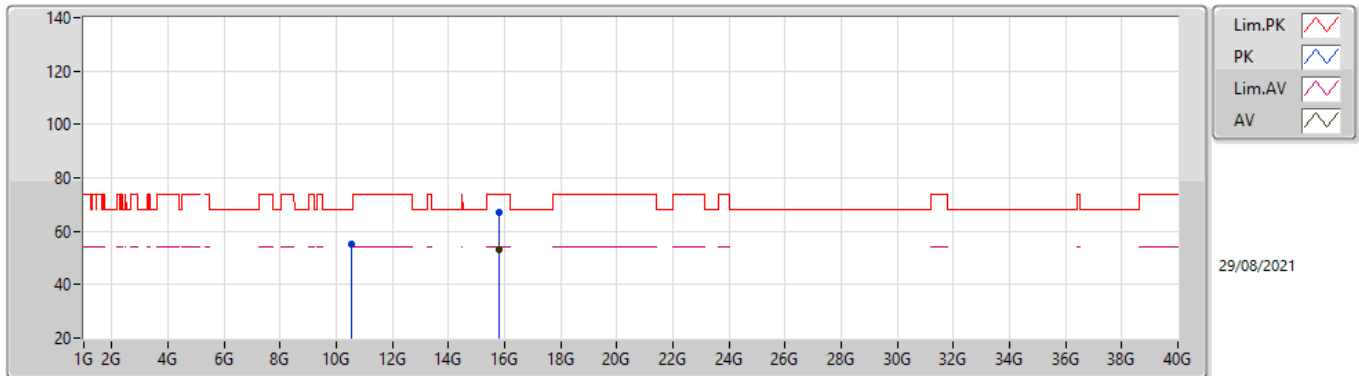


EUTY\_2TX  
Setting 29  
04-D-R-5

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	10.5013G	56.71	68.20	-11.49	42.98	3	Vertical	138	2.43	-	39.00	8.85	34.12
PK	15.7894G	61.22	74.00	-12.78	45.93	3	Vertical	343	1.80	-	38.50	11.94	35.15
AV	15.7747G	48.29	54.00	-5.71	33.01	3	Vertical	343	1.80	-	38.50	11.93	35.15

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

### 5260MHz\_TnomVnom

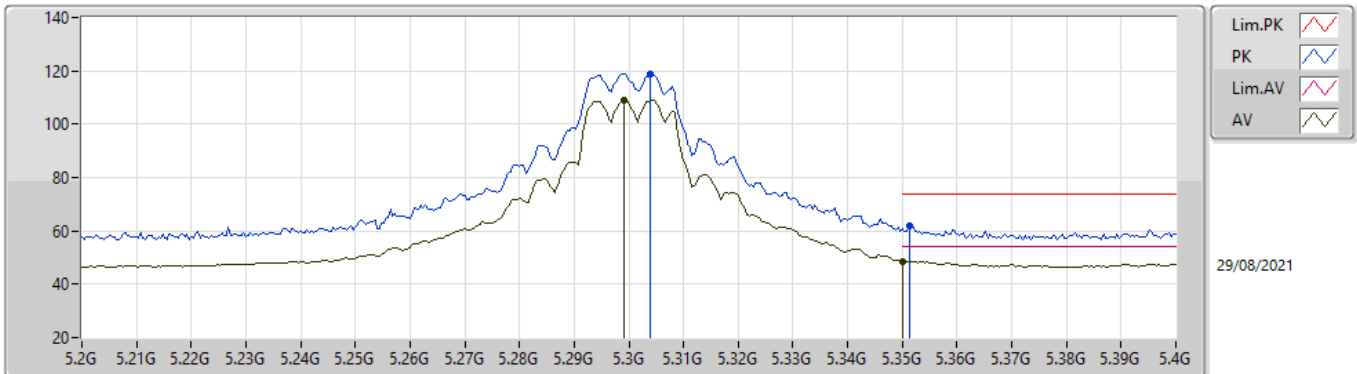


EUTY\_2TX  
Setting 29  
04-D-R-5

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	10.5366G	55.23	68.20	-12.97	41.47	3	Horizontal	13	1.80	-	39.04	8.87	34.15
PK	15.7801G	66.89	74.00	-7.11	51.60	3	Horizontal	318	1.84	-	38.50	11.94	35.15
AV	15.7803G	52.99	54.00	-1.01	37.70	3	Horizontal	318	1.84	-	38.50	11.94	35.15

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

### 5300MHz\_TnomVnom

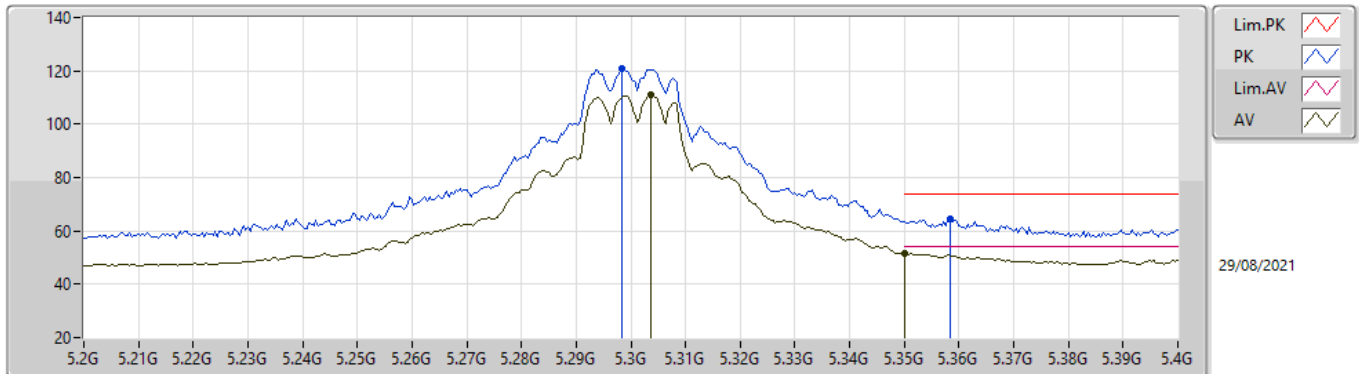


EUTY\_2TX  
Setting 26.5  
04-D-R-5-10

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	5.304G	118.81	Inf	-Inf	113.23	3	Vertical	55	2.13	-	33.00	5.75	33.17
AV	5.2992G	109.05	Inf	-Inf	103.47	3	Vertical	55	2.13	-	33.00	5.75	33.17
PK	5.3512G	62.15	74.00	-11.85	56.53	3	Vertical	55	2.13	-	33.01	5.78	33.17
AV	5.35G	48.66	54.00	-5.34	43.05	3	Vertical	55	2.13	-	33.00	5.78	33.17

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

### 5300MHz\_TnomVnom



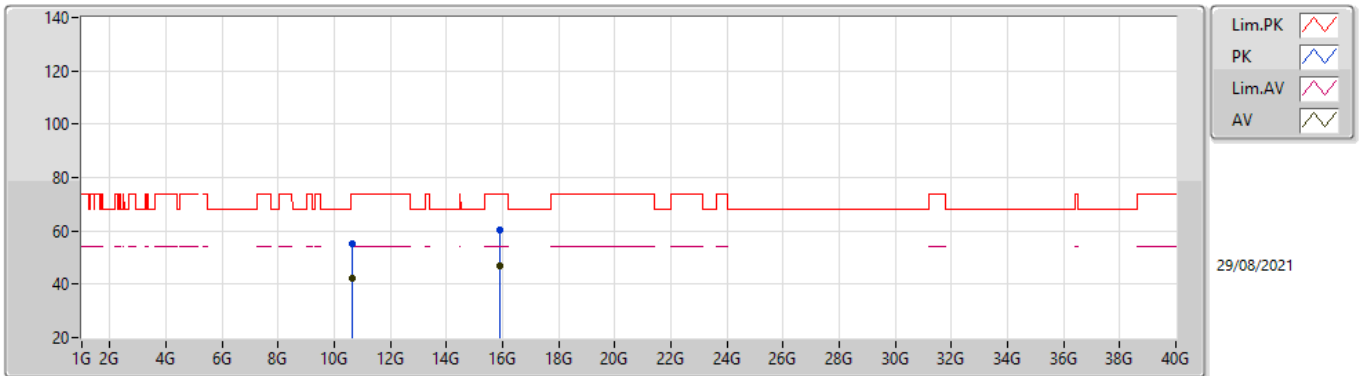
EUTY\_2TX  
Setting 26.5  
04-D-R-5-10

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	5.2984G	120.68	Inf	-Inf	115.10	3	Horizontal	350	2.05	-	33.00	5.75	33.17
AV	5.3036G	110.79	Inf	-Inf	105.21	3	Horizontal	350	2.05	-	33.00	5.75	33.17
PK	5.3584G	64.41	74.00	-9.59	58.73	3	Horizontal	350	2.05	-	33.07	5.78	33.17
AV	5.35G	51.63	54.00	-2.37	46.02	3	Horizontal	350	2.05	-	33.00	5.78	33.17



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

### 5300MHz\_TnomVnom

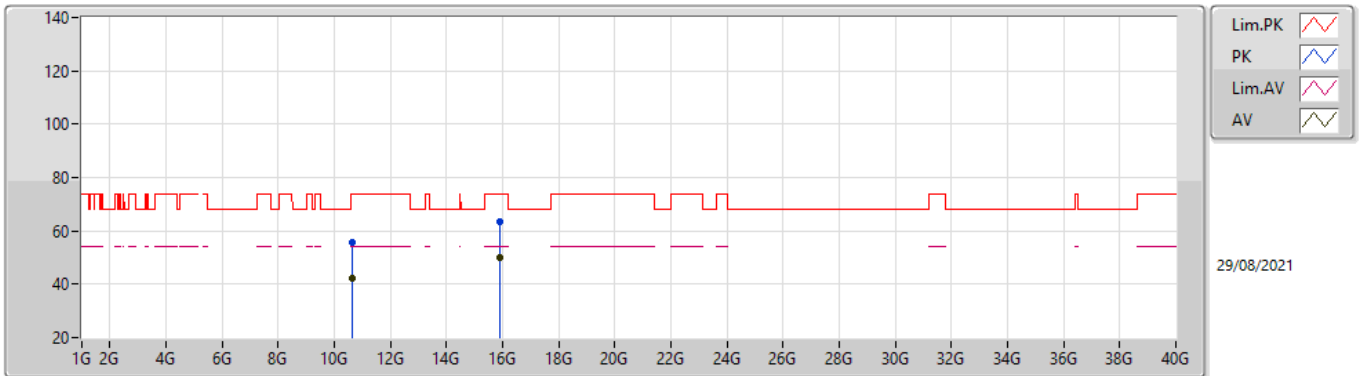


EUTY\_2TX  
Setting 26.5  
04-D-R-5

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	10.6158G	55.18	74.00	-18.82	41.36	3	Vertical	359	1.94	-	39.12	8.91	34.21
AV	10.6234G	42.42	54.00	-11.58	28.61	3	Vertical	359	1.94	-	39.12	8.91	34.22
PK	15.8937G	60.24	74.00	-13.76	44.87	3	Vertical	28	1.80	-	38.50	12.02	35.15
AV	15.9106G	47.03	54.00	-6.97	31.65	3	Vertical	28	1.80	-	38.50	12.03	35.15

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

### 5300MHz\_TnomVnom

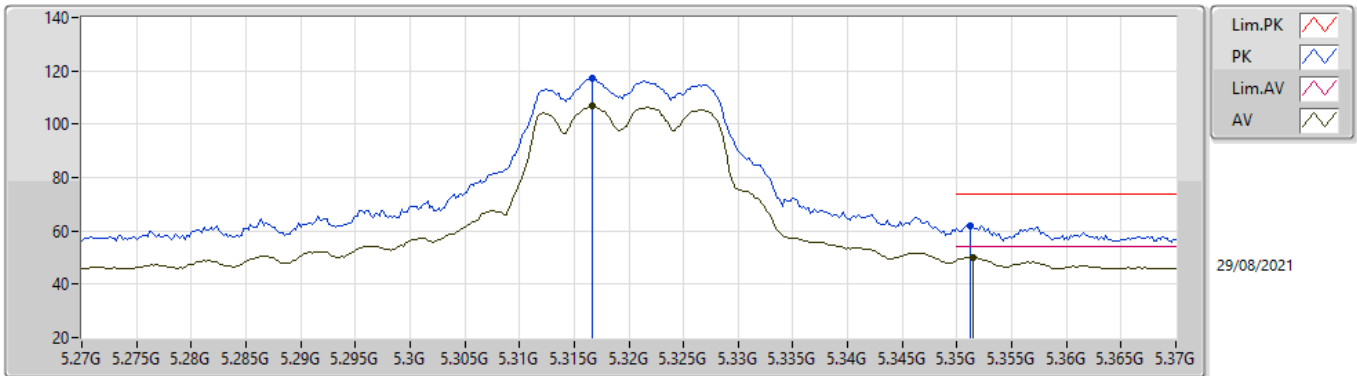


EUTY\_2TX  
Setting 26.5  
04-D-R-5

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	10.6155G	55.52	74.00	-18.48	41.70	3	Horizontal	102	2.97	-	39.12	8.91	34.21
AV	10.6237G	42.43	54.00	-11.57	28.62	3	Horizontal	102	2.97	-	39.12	8.91	34.22
PK	15.8951G	63.43	74.00	-10.57	48.06	3	Horizontal	316	1.77	-	38.50	12.02	35.15
AV	15.899G	49.76	54.00	-4.24	34.39	3	Horizontal	316	1.77	-	38.50	12.02	35.15

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

### 5320MHz\_TnomVnom

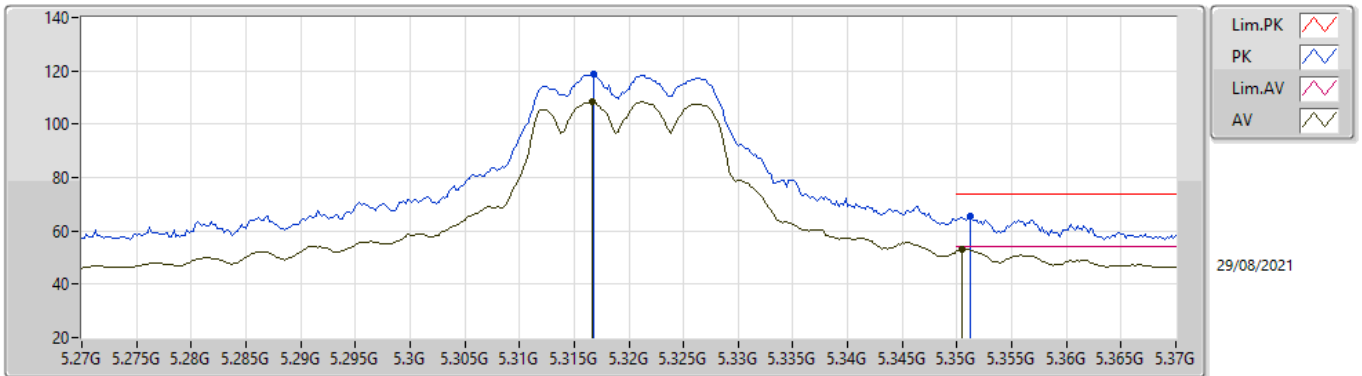


EUTY\_2TX  
Setting 23.5  
04-D-R-5-10

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	5.3166G	117.01	Inf	-Inf	111.42	3	Vertical	61	2.17	-	33.00	5.76	33.17
AV	5.3166G	106.69	Inf	-Inf	101.10	3	Vertical	61	2.17	-	33.00	5.76	33.17
PK	5.3512G	62.00	74.00	-12.00	56.38	3	Vertical	61	2.17	-	33.01	5.78	33.17
AV	5.3514G	50.07	54.00	-3.93	44.45	3	Vertical	61	2.17	-	33.01	5.78	33.17

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

### 5320MHz\_TnomVnom

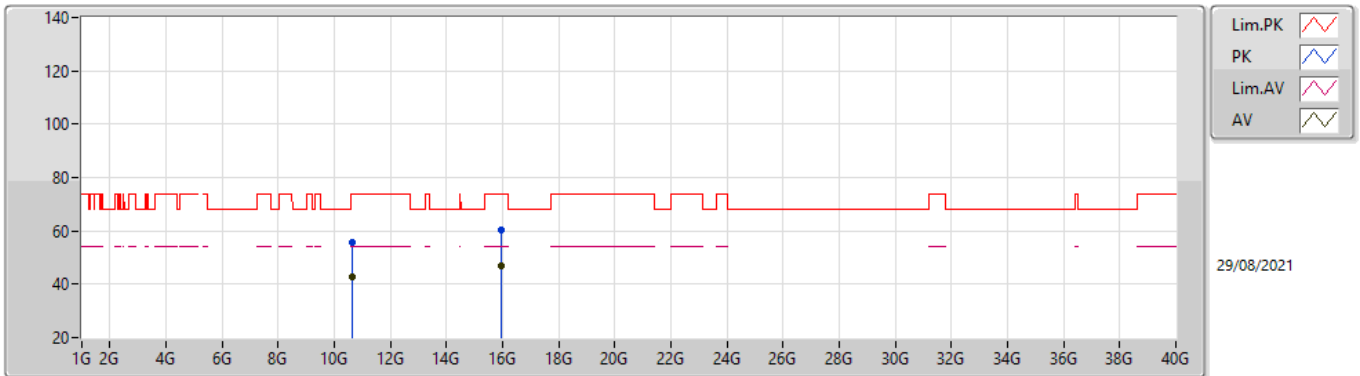


EUTY\_2TX  
Setting 23.5  
04-D-R-5-10

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	5.3168G	118.99	Inf	-Inf	113.40	3	Horizontal	353	2.02	-	33.00	5.76	33.17
AV	5.3166G	108.20	Inf	-Inf	102.61	3	Horizontal	353	2.02	-	33.00	5.76	33.17
PK	5.3512G	65.31	74.00	-8.69	59.69	3	Horizontal	353	2.02	-	33.01	5.78	33.17
AV	5.3504G	53.16	54.00	-0.84	47.55	3	Horizontal	353	2.02	-	33.00	5.78	33.17

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

### 5320MHz\_TnomVnom

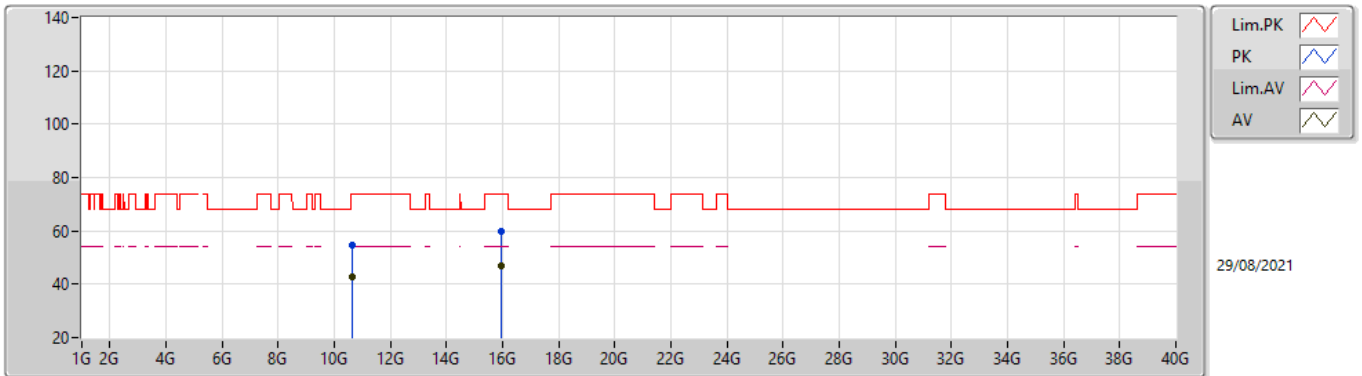


EUTY\_2TX  
Setting 23.5  
04-D-R-5

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	10.6467G	55.61	74.00	-18.39	41.77	3	Vertical	145	2.52	-	39.15	8.92	34.23
AV	10.6542G	42.66	54.00	-11.34	28.82	3	Vertical	145	2.52	-	39.15	8.93	34.24
PK	15.9566G	60.56	74.00	-13.44	45.15	3	Vertical	182	1.80	-	38.50	12.07	35.16
AV	15.9511G	46.80	54.00	-7.20	31.40	3	Vertical	182	1.80	-	38.50	12.06	35.16

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

### 5320MHz\_TnomVnom

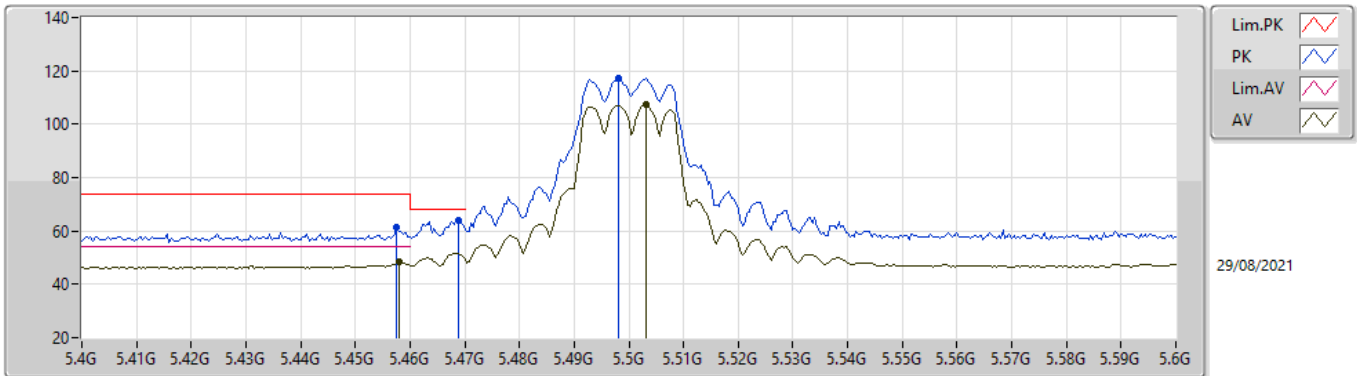


EUTY\_2TX  
Setting 23.5  
04-D-R-5

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	10.6438G	54.91	74.00	-19.09	41.08	3	Horizontal	280	1.58	-	39.14	8.92	34.23
AV	10.6482G	42.57	54.00	-11.43	28.74	3	Horizontal	280	1.58	-	39.15	8.92	34.24
PK	15.9592G	59.97	74.00	-14.03	44.56	3	Horizontal	105	1.80	-	38.50	12.07	35.16
AV	15.9681G	47.15	54.00	-6.85	31.73	3	Horizontal	105	1.80	-	38.50	12.08	35.16

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

### 5500MHz\_TnomVnom

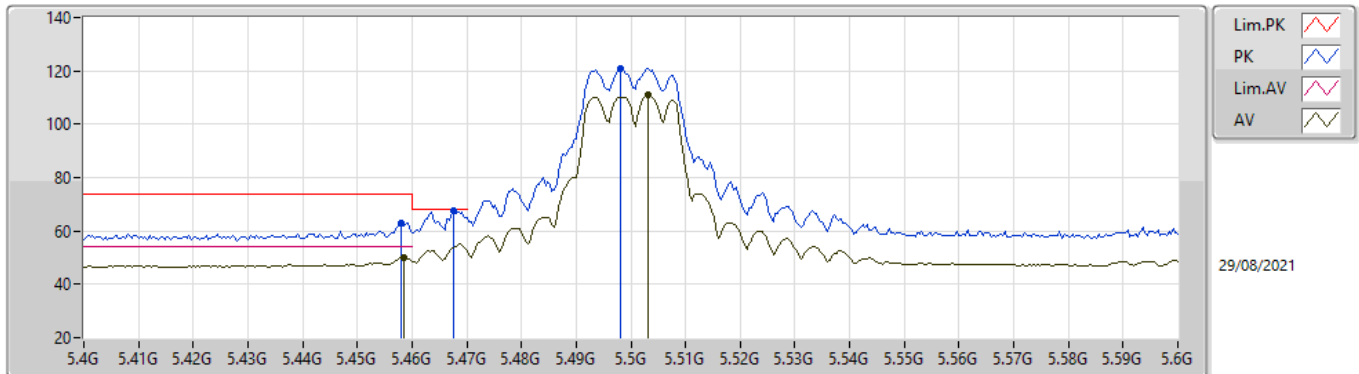


EUT\_V\_2TX  
Setting 24  
04-D-R-5-10

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	61.41	74.00	-12.59	55.13	3	Vertical	49	2.38	-	33.63	5.83	33.18
AV	5.458G	48.23	54.00	-5.77	41.95	3	Vertical	49	2.38	-	33.63	5.83	33.18
PK	5.4688G	64.19	68.20	-4.01	57.86	3	Vertical	49	2.38	-	33.68	5.83	33.18
PK	5.498G	117.24	Inf	-Inf	110.78	3	Vertical	49	2.38	-	33.79	5.85	33.18
AV	5.5032G	107.24	Inf	-Inf	100.77	3	Vertical	49	2.38	-	33.80	5.85	33.18

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

### 5500MHz\_TnomVnom



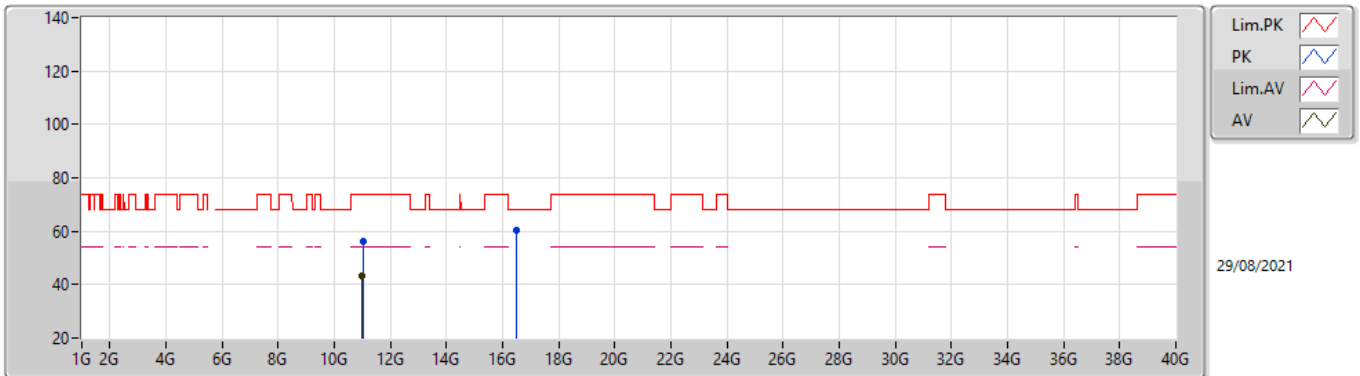
EUTY\_2TX  
Setting 24  
04-D-R-5-10

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	62.85	74.00	-11.15	56.57	3	Horizontal	54	2.09	-	33.63	5.83	33.18
AV	5.4584G	50.23	54.00	-3.77	43.95	3	Horizontal	54	2.09	-	33.63	5.83	33.18
PK	5.4676G	67.71	68.20	-0.49	61.39	3	Horizontal	54	2.09	-	33.67	5.83	33.18
PK	5.498G	121.02	Inf	-Inf	114.56	3	Horizontal	54	2.09	-	33.79	5.85	33.18
AV	5.5032G	111.06	Inf	-Inf	104.59	3	Horizontal	54	2.09	-	33.80	5.85	33.18



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

### 5500MHz\_TnomVnom

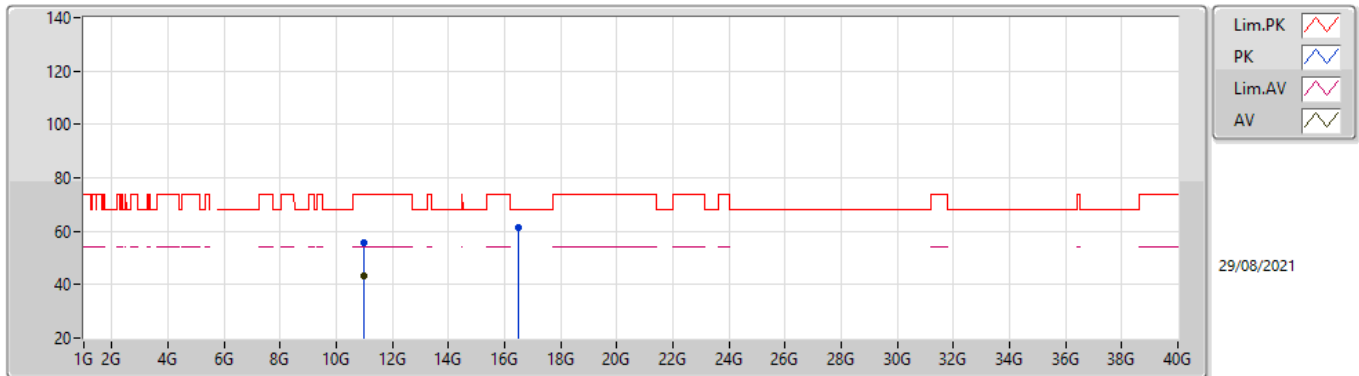


EUTY\_2TX  
Setting 24  
04-D-R-5

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	11.0087G	56.04	74.00	-17.96	42.25	3	Vertical	8	2.54	-	39.20	9.10	34.51
AV	10.9998G	43.13	54.00	-10.87	29.34	3	Vertical	8	2.54	-	39.20	9.10	34.51
PK	16.4872G	60.52	68.20	-7.68	43.55	3	Vertical	279	1.59	-	39.56	12.49	35.08

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

### 5500MHz\_TnomVnom

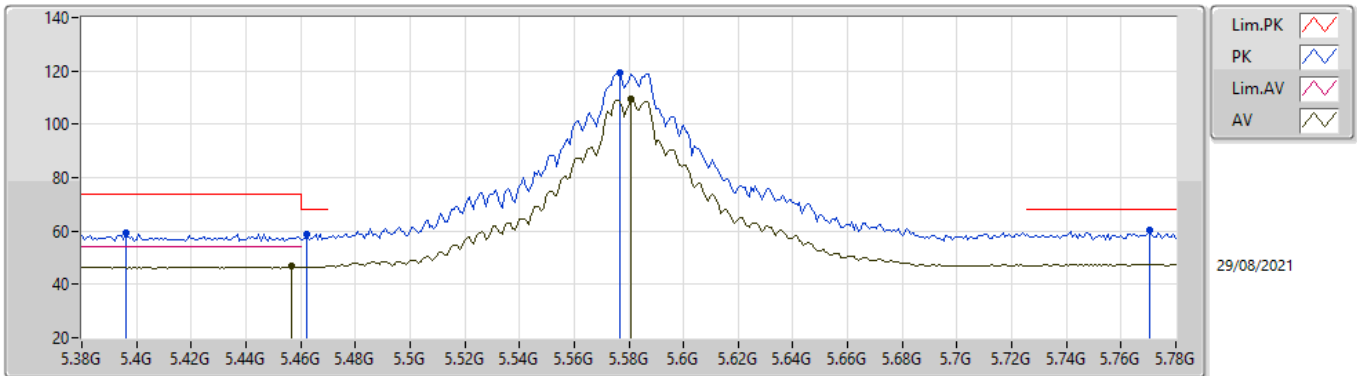


EUTY\_2TX  
Setting 24  
04-D-R-5

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	10.9978G	55.90	74.00	-18.10	42.11	3	Horizontal	16	2.44	-	39.20	9.10	34.51
AV	10.9829G	43.12	54.00	-10.88	29.33	3	Horizontal	16	2.44	-	39.20	9.09	34.50
PK	16.5127G	61.20	68.20	-7.00	44.16	3	Horizontal	356	1.80	-	39.60	12.51	35.07

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

### 5580MHz\_TnomVnom

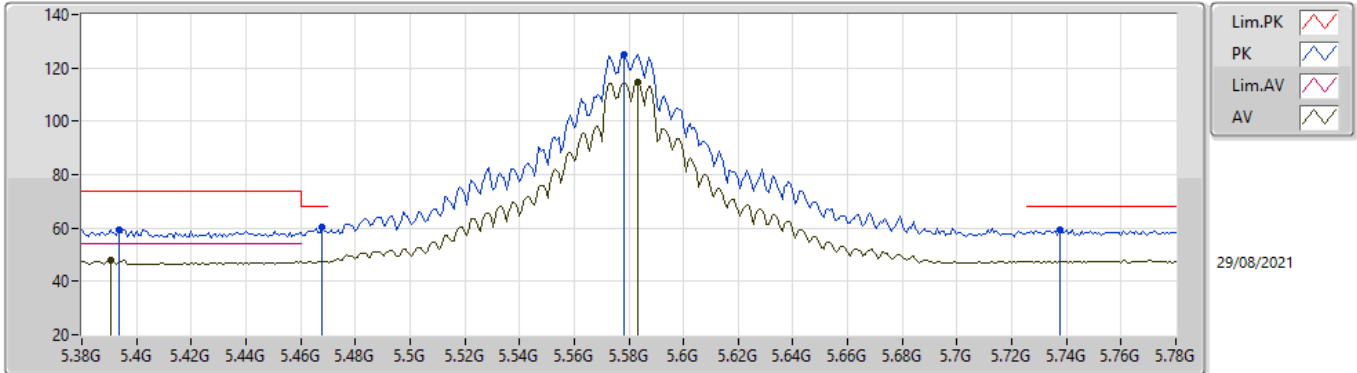


EUTY\_2TX  
Setting 29  
04-D-R-5-10

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	5.396G	59.17	74.00	-14.83	53.18	3	Vertical	38	1.67	-	33.37	5.80	33.18
PK	5.4624G	58.91	68.20	-9.29	52.61	3	Vertical	38	1.67	-	33.65	5.83	33.18
AV	5.4568G	46.68	54.00	-7.32	40.40	3	Vertical	38	1.67	-	33.63	5.83	33.18
PK	5.5768G	119.29	Inf	-Inf	112.76	3	Vertical	38	1.67	-	33.85	5.89	33.21
AV	5.5808G	109.31	Inf	-Inf	102.77	3	Vertical	38	1.67	-	33.86	5.89	33.21
PK	5.7704G	60.25	68.20	-7.95	53.35	3	Vertical	38	1.67	-	34.20	5.99	33.29

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

### 5580MHz\_TnomVnom

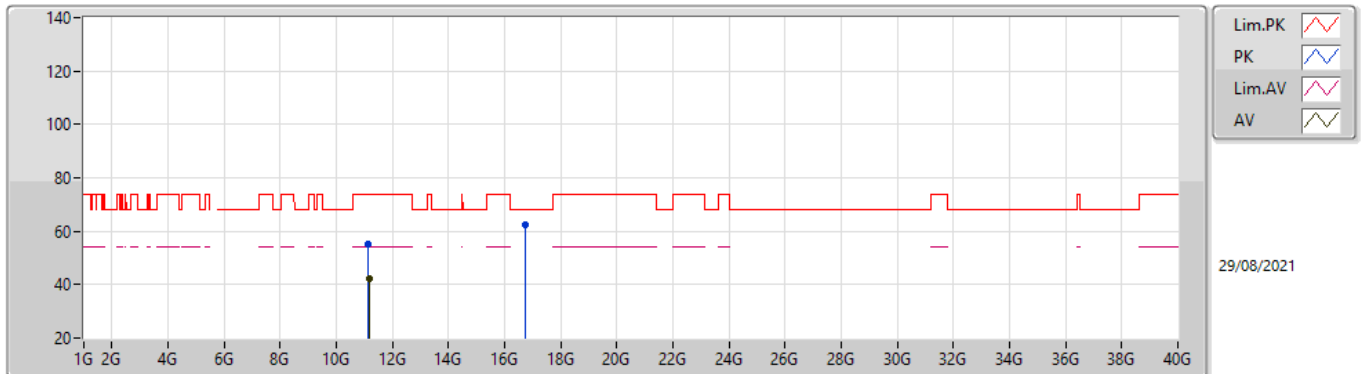


EUTY\_2TX  
Setting 29  
04-D-R-5-10

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	59.36	74.00	-14.64	53.39	3	Horizontal	50	2.25	-	33.35	5.80	33.18
AV	5.3904G	47.89	54.00	-6.11	41.95	3	Horizontal	50	2.25	-	33.32	5.80	33.18
PK	5.468G	60.24	68.20	-7.96	53.92	3	Horizontal	50	2.25	-	33.67	5.83	33.18
PK	5.5784G	125.21	Inf	-Inf	118.67	3	Horizontal	50	2.25	-	33.86	5.89	33.21
AV	5.5832G	114.74	Inf	-Inf	108.19	3	Horizontal	50	2.25	-	33.87	5.89	33.21
PK	5.7376G	59.30	68.20	-8.90	52.46	3	Horizontal	50	2.25	-	34.15	5.97	33.28

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

### 5580MHz\_TnomVnom

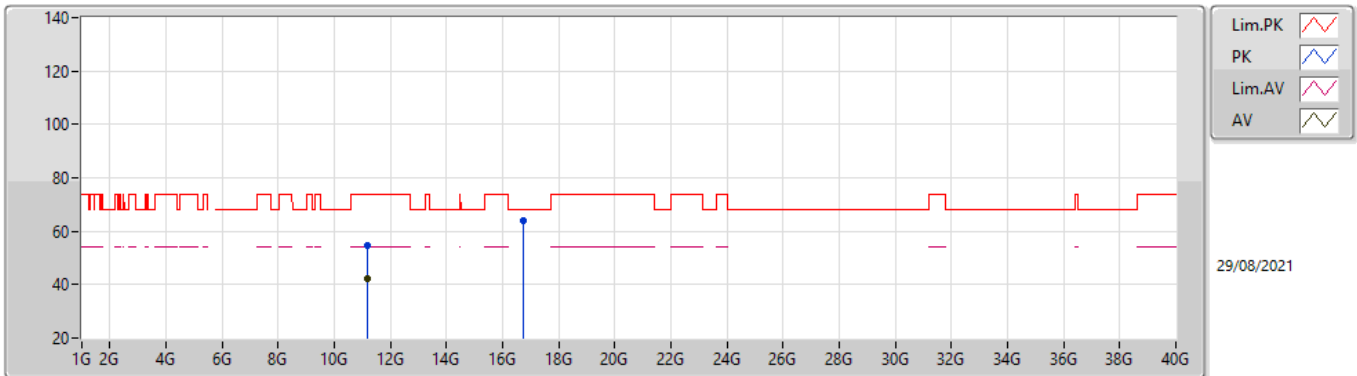


EUTY\_2TX  
Setting 29  
04-D-R-5

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	11.1468G	55.02	74.00	-18.98	41.28	3	Vertical	18	2.15	-	39.15	9.17	34.58
AV	11.1789G	42.21	54.00	-11.79	28.50	3	Vertical	18	2.15	-	39.12	9.19	34.60
PK	16.7468G	62.16	68.20	-6.04	44.34	3	Vertical	341	1.50	-	40.09	12.70	34.97

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

### 5580MHz\_TnomVnom

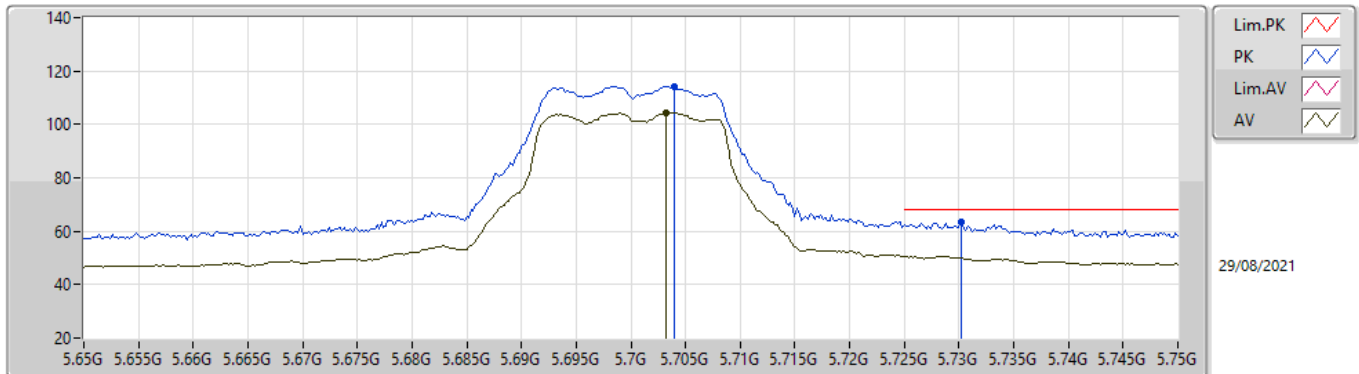


EUTY\_2TX  
Setting 29  
04-D-R-5

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	11.1684G	54.79	74.00	-19.21	41.07	3	Horizontal	24	2.35	-	39.13	9.18	34.59
AV	11.1742G	42.34	54.00	-11.66	28.62	3	Horizontal	24	2.35	-	39.13	9.19	34.60
PK	16.7421G	63.96	68.20	-4.24	46.16	3	Horizontal	61	1.80	-	40.08	12.69	34.97

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

### 5700MHz\_TnomVnom

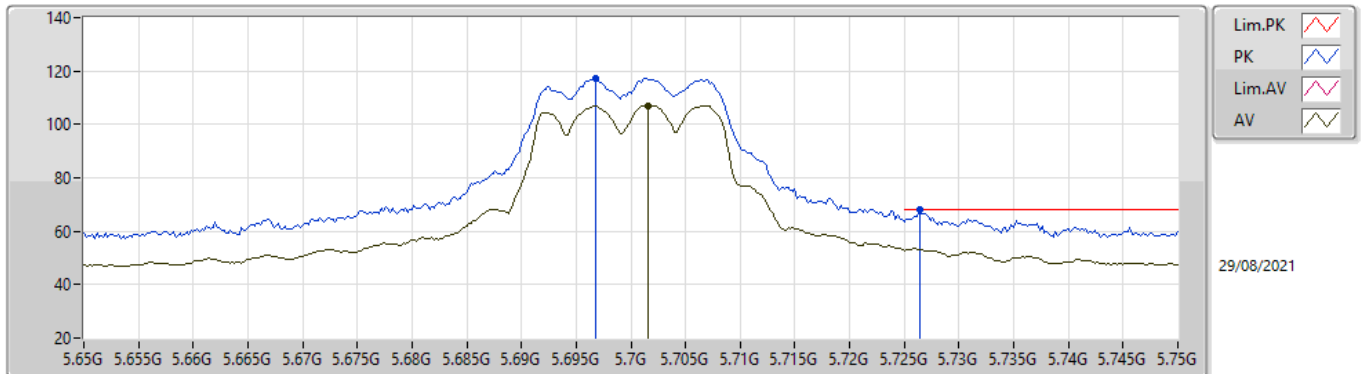


EUTY\_2TX  
Setting 23  
04-D-R-5-10

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	5.704G	114.38	Inf	-Inf	107.67	3	Vertical	42	1.80	-	34.02	5.95	33.26
AV	5.7032G	104.55	Inf	-Inf	97.85	3	Vertical	42	1.80	-	34.01	5.95	33.26
PK	5.7302G	63.31	68.20	-4.89	56.49	3	Vertical	42	1.80	-	34.12	5.97	33.27

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

### 5700MHz\_TnomVnom



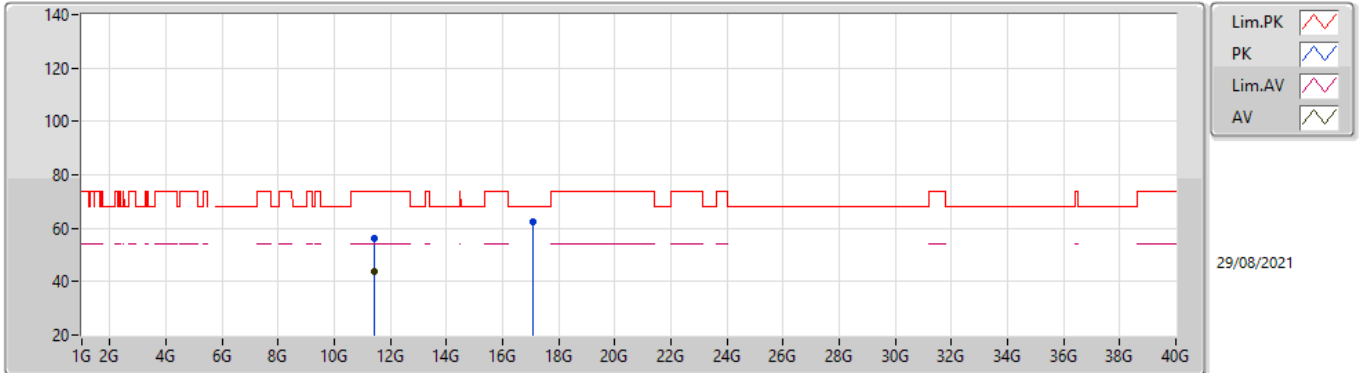
EUTY\_2TX  
Setting 23  
04-D-R-5-10

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	5.6968G	117.21	Inf	-Inf	110.53	3	Horizontal	5	1.92	-	33.99	5.95	33.26
AV	5.7016G	107.13	Inf	-Inf	100.43	3	Horizontal	5	1.92	-	34.01	5.95	33.26
PK	5.7264G	68.08	68.20	-0.12	61.28	3	Horizontal	5	1.92	-	34.11	5.96	33.27



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

### 5700MHz\_TnomVnom

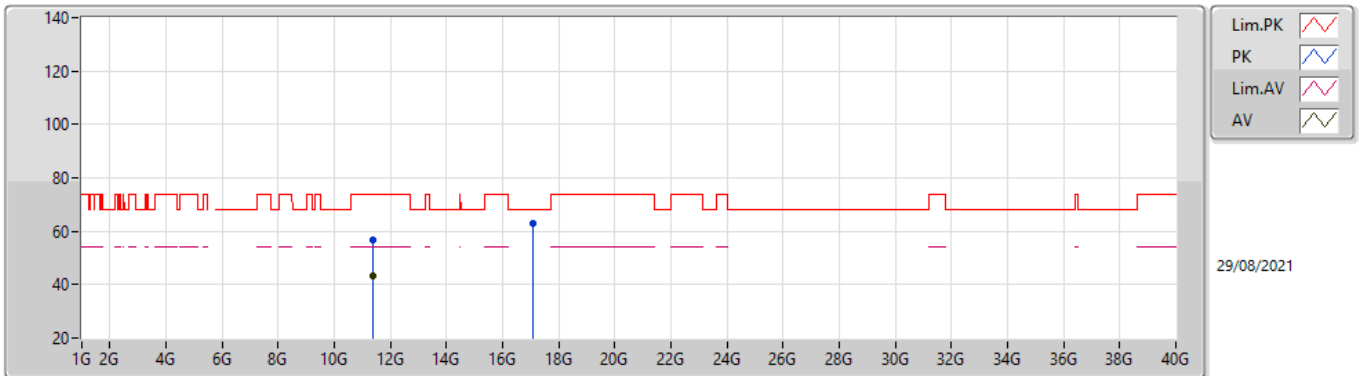


EUTY\_2TX  
Setting 23  
04-D-R-5

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	11.4163G	56.28	74.00	-17.72	42.49	3	Vertical	194	1.16	-	39.20	9.31	34.72
AV	11.4152G	43.55	54.00	-10.45	29.76	3	Vertical	194	1.16	-	39.20	9.31	34.72
PK	17.0971G	62.47	68.20	-5.73	43.18	3	Vertical	170	2.88	-	41.09	12.98	34.78

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

### 5700MHz\_TnomVnom

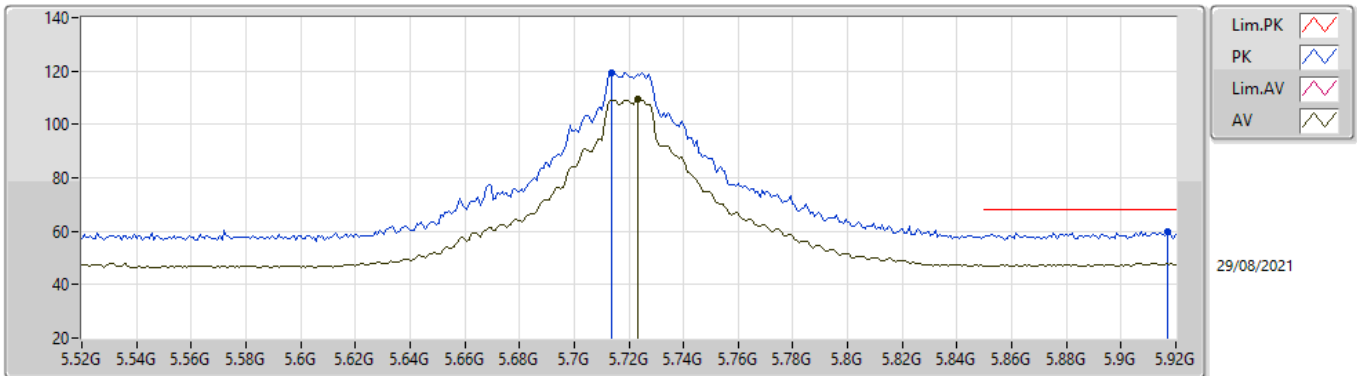


EUTY\_2TX  
Setting 23  
04-D-R-5

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	11.3841G	56.78	74.00	-17.22	42.97	3	Horizontal	342	2.49	-	39.22	9.29	34.70
AV	11.3973G	43.53	54.00	-10.47	29.74	3	Horizontal	342	2.49	-	39.20	9.30	34.71
PK	17.1059G	62.72	68.20	-5.48	43.40	3	Horizontal	106	2.61	-	41.11	12.98	34.77

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

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

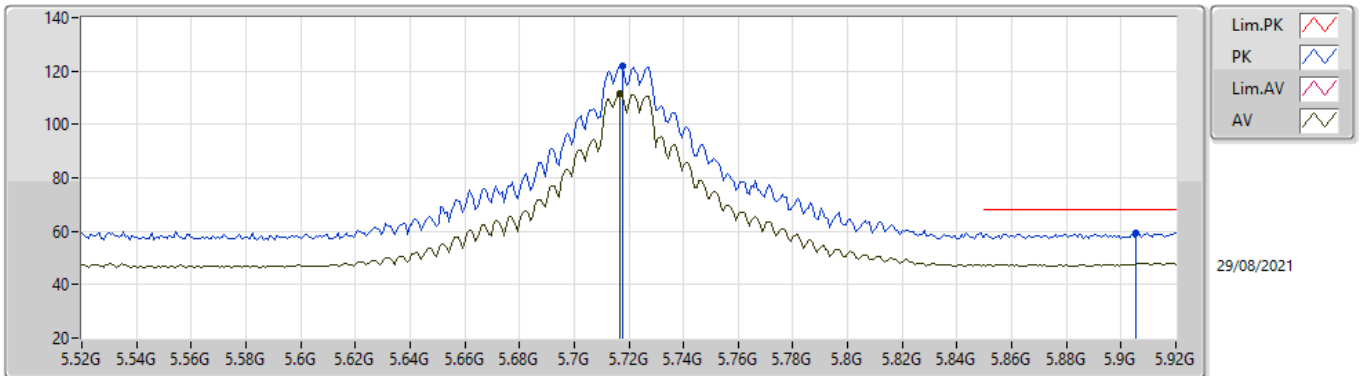


EUTY\_2TX  
Setting 29  
04-D-R-5-10

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	5.7136G	119.37	Inf	-Inf	112.63	3	Vertical	38	1.73	-	34.05	5.96	33.27
AV	5.7232G	109.42	Inf	-Inf	102.64	3	Vertical	38	1.73	-	34.09	5.96	33.27
PK	5.9168G	60.01	68.20	-8.19	52.37	3	Vertical	38	1.73	-	34.87	6.12	33.35

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

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

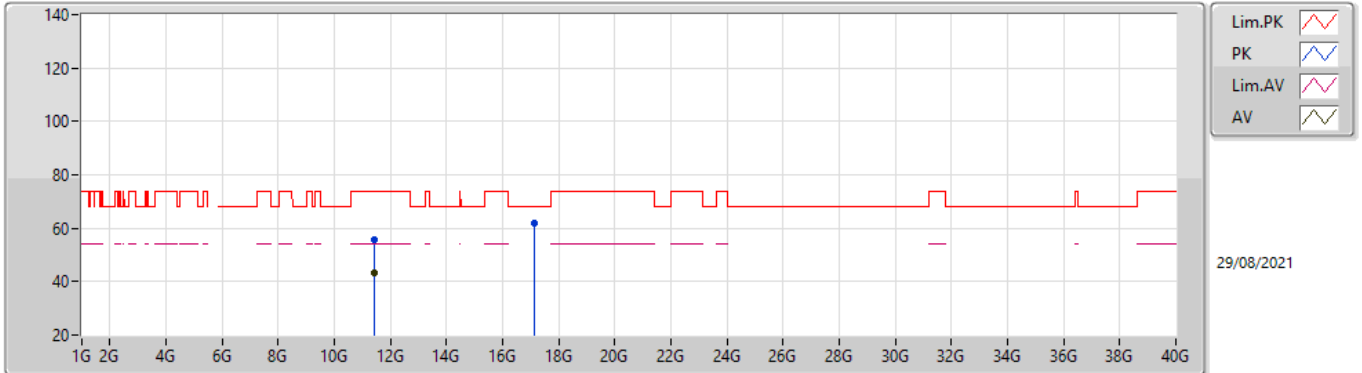


EUTY\_2TX  
Setting 29  
04-D-R-5-10

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	121.83	Inf	-Inf	115.07	3	Horizontal	3	1.86	-	34.07	5.96	33.27
AV	5.7168G	111.55	Inf	-Inf	104.79	3	Horizontal	3	1.86	-	34.07	5.96	33.27
PK	5.9056G	59.46	68.20	-8.74	51.87	3	Horizontal	3	1.86	-	34.82	6.11	33.34

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

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

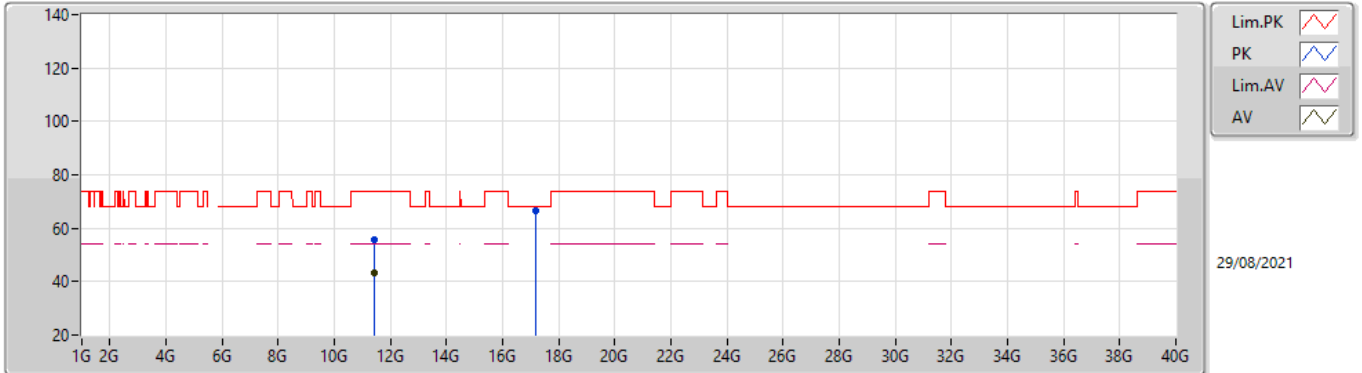


EUTY\_2TX  
Setting 29  
04-D-R-5

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	11.4185G	55.82	74.00	-18.18	42.03	3	Vertical	55	2.77	-	39.20	9.31	34.72
AV	11.416G	43.33	54.00	-10.67	29.54	3	Vertical	55	2.77	-	39.20	9.31	34.72
PK	17.1442G	61.91	68.20	-6.29	42.49	3	Vertical	353	1.80	-	41.14	13.02	34.74

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

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

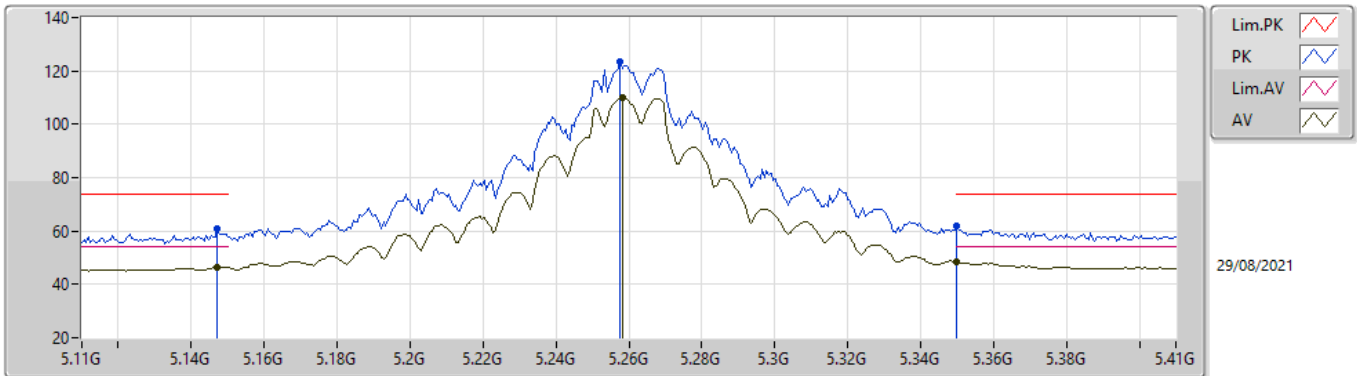


EUTY\_2TX  
Setting 29  
04-D-R-5

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	11.419G	55.78	74.00	-18.22	41.99	3	Horizontal	302	2.10	-	39.20	9.31	34.72
AV	11.4165G	43.15	54.00	-10.85	29.36	3	Horizontal	302	2.10	-	39.20	9.31	34.72
PK	17.1588G	66.59	68.20	-1.61	47.13	3	Horizontal	305	2.28	-	41.16	13.03	34.73

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

### 5260MHz\_TnomVnom

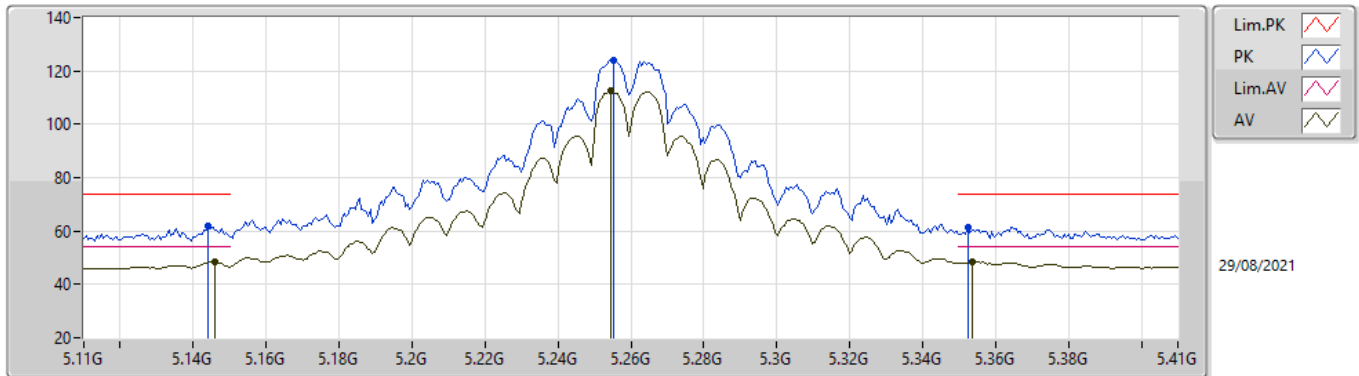


EUTY\_2TX  
Setting 29  
04-D-R-5-10

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	60.85	74.00	-13.15	55.57	3	Vertical	59	2.10	-	32.80	5.65	33.17
AV	5.1472G	46.55	54.00	-7.45	41.27	3	Vertical	59	2.10	-	32.80	5.65	33.17
PK	5.2576G	123.39	Inf	-Inf	117.91	3	Vertical	59	2.10	-	32.92	5.73	33.17
AV	5.2582G	110.13	Inf	-Inf	104.65	3	Vertical	59	2.10	-	32.92	5.73	33.17
PK	5.35G	61.77	74.00	-12.23	56.16	3	Vertical	59	2.10	-	33.00	5.78	33.17
AV	5.35G	48.49	54.00	-5.51	42.88	3	Vertical	59	2.10	-	33.00	5.78	33.17

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

### 5260MHz\_TnomVnom



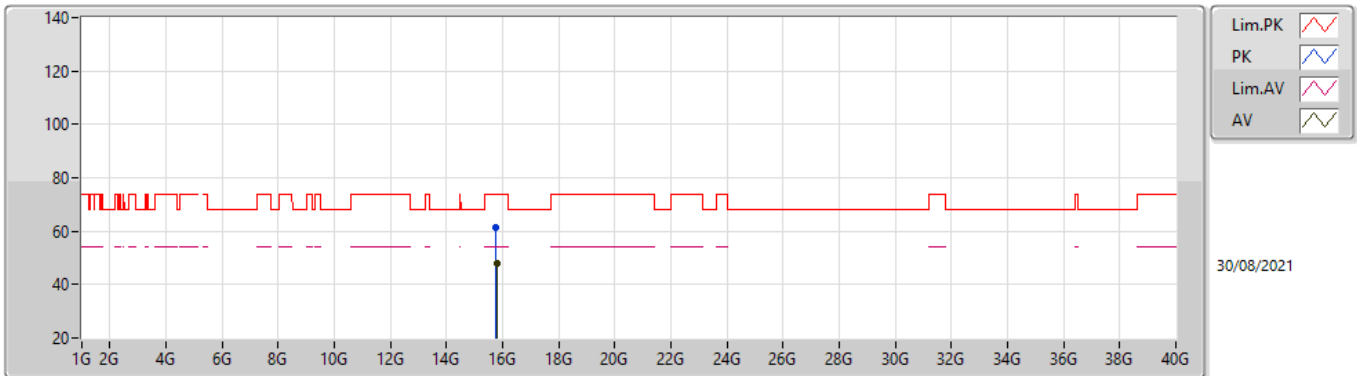
EUT\_V\_2TX  
Setting 29  
04-D-R-5-10

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	5.1442G	61.66	74.00	-12.34	56.39	3	Horizontal	352	2.89	-	32.80	5.64	33.17
AV	5.146G	48.55	54.00	-5.45	43.27	3	Horizontal	352	2.89	-	32.80	5.65	33.17
PK	5.2552G	124.07	Inf	-Inf	118.60	3	Horizontal	352	2.89	-	32.91	5.73	33.17
AV	5.2546G	112.44	Inf	-Inf	106.97	3	Horizontal	352	2.89	-	32.91	5.73	33.17
PK	5.3524G	61.27	74.00	-12.73	55.64	3	Horizontal	352	2.89	-	33.02	5.78	33.17
AV	5.3536G	48.51	54.00	-5.49	42.87	3	Horizontal	352	2.89	-	33.03	5.78	33.17



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

### 5260MHz\_TnomVnom

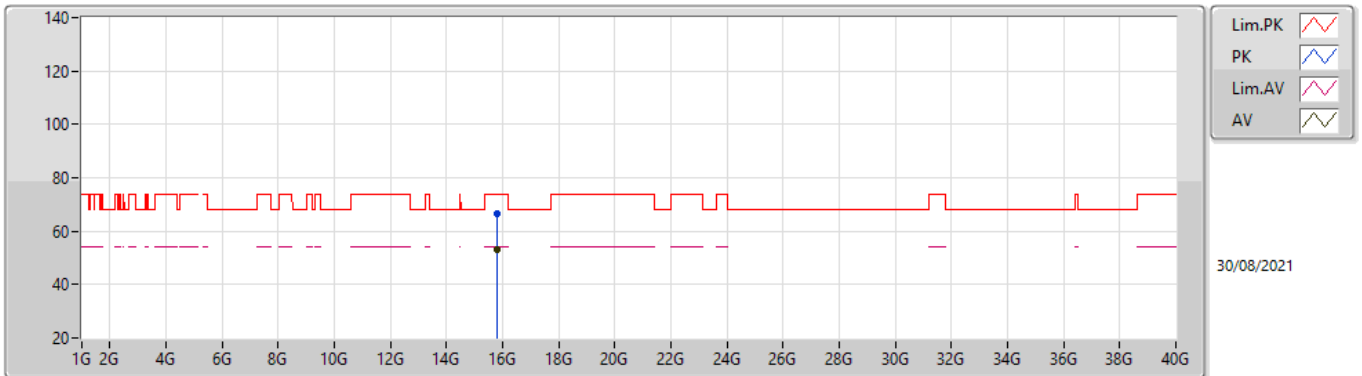


EUTY\_2TX  
Setting 29  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.7771G	61.44	74.00	-12.56	46.16	3	Vertical	0	2.63	-	38.50	11.93	35.15
AV	15.7795G	48.05	54.00	-5.95	32.77	3	Vertical	0	2.63	-	38.50	11.93	35.15

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

### 5260MHz\_TnomVnom

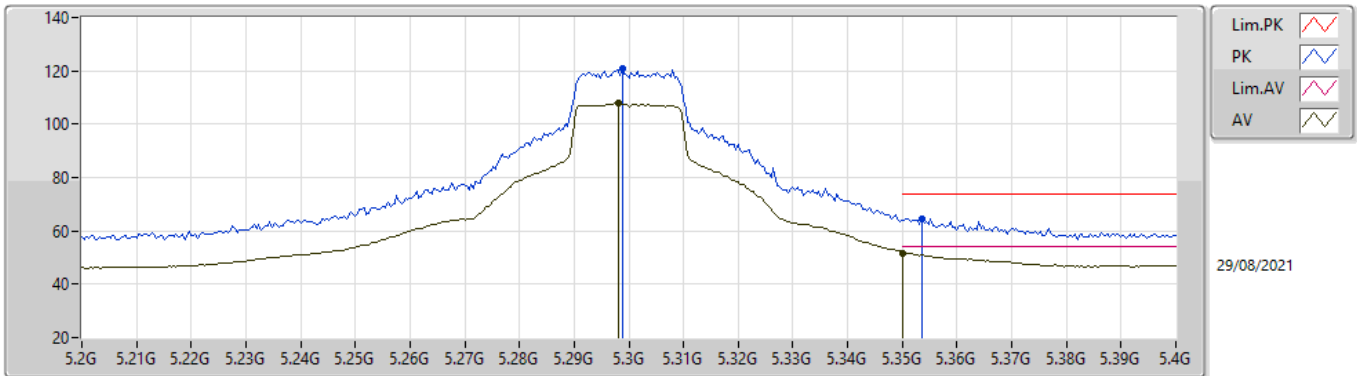


EUTY\_2TX  
Setting 29  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.7821G	66.72	74.00	-7.28	51.43	3	Horizontal	316	1.80	-	38.50	11.94	35.15
AV	15.7815G	53.31	54.00	-0.69	38.02	3	Horizontal	316	1.80	-	38.50	11.94	35.15

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

### 5300MHz\_TnomVnom

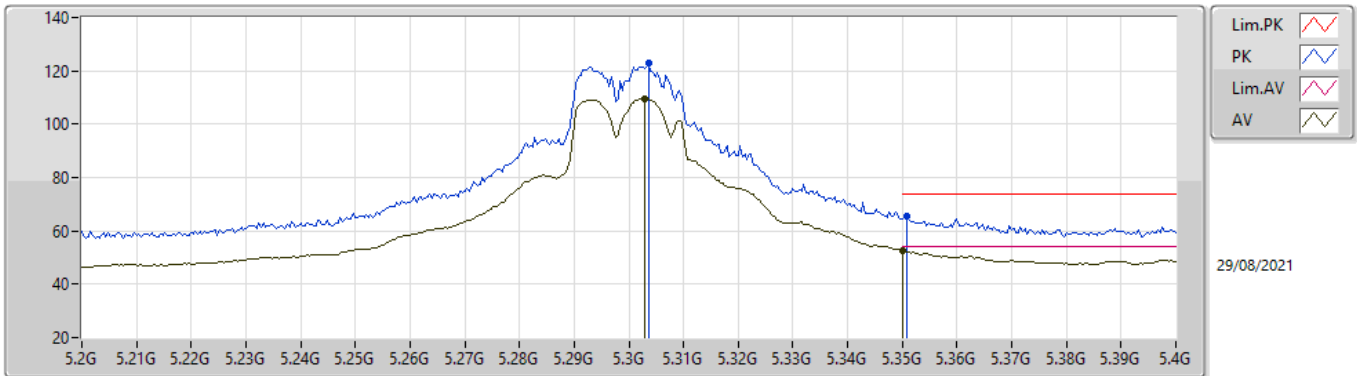


EUTY\_2TX  
Setting 26.5  
04-D-R-5-10

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	5.2988G	120.73	Inf	-Inf	115.15	3	Vertical	11	2.39	-	33.00	5.75	33.17
AV	5.298G	107.75	Inf	-Inf	102.17	3	Vertical	11	2.39	-	33.00	5.75	33.17
PK	5.3536G	64.71	74.00	-9.29	59.07	3	Vertical	11	2.39	-	33.03	5.78	33.17
AV	5.35G	51.75	54.00	-2.25	46.14	3	Vertical	11	2.39	-	33.00	5.78	33.17

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

### 5300MHz\_TnomVnom

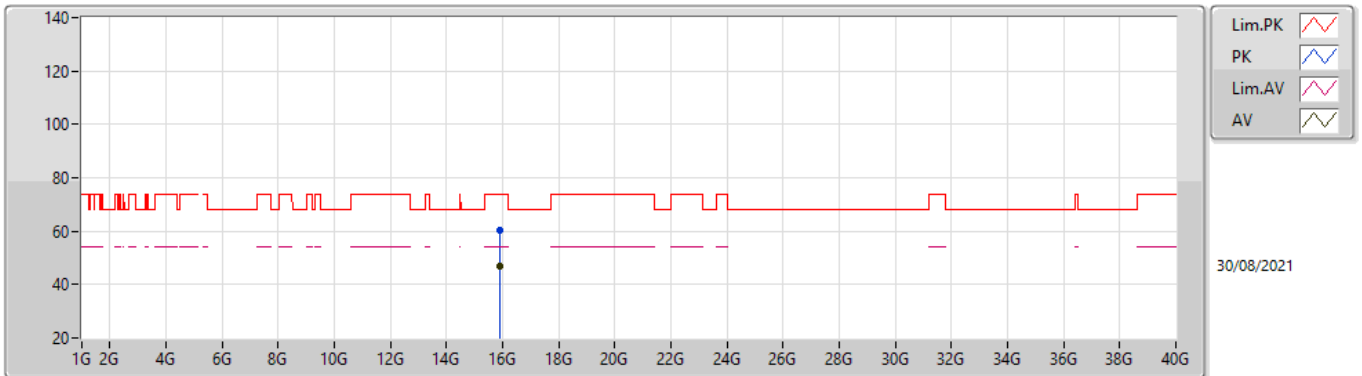


EUTY\_2TX  
Setting 26.5  
04-D-R-5-10

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	5.3036G	122.82	Inf	-Inf	117.24	3	Horizontal	353	2.01	-	33.00	5.75	33.17
AV	5.3028G	109.69	Inf	-Inf	104.11	3	Horizontal	353	2.01	-	33.00	5.75	33.17
PK	5.3508G	65.34	74.00	-8.66	59.72	3	Horizontal	353	2.01	-	33.01	5.78	33.17
AV	5.35G	52.70	54.00	-1.30	47.09	3	Horizontal	353	2.01	-	33.00	5.78	33.17

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

### 5300MHz\_TnomVnom

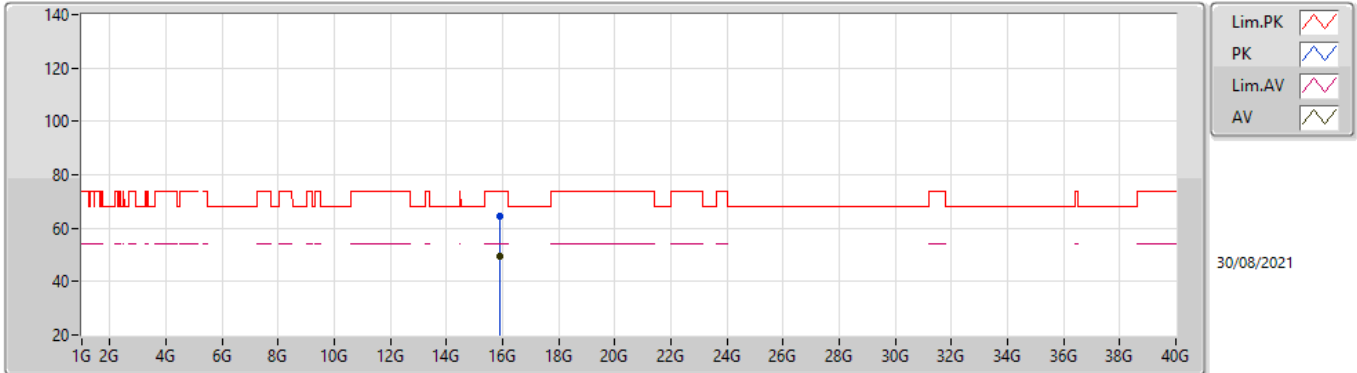


EUTY\_2TX  
Setting 26.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.8912G	60.32	74.00	-13.68	44.95	3	Vertical	327	2.83	-	38.50	12.02	35.15
AV	15.9241G	47.00	54.00	-7.00	31.62	3	Vertical	327	2.83	-	38.50	12.04	35.16

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

### 5300MHz\_TnomVnom

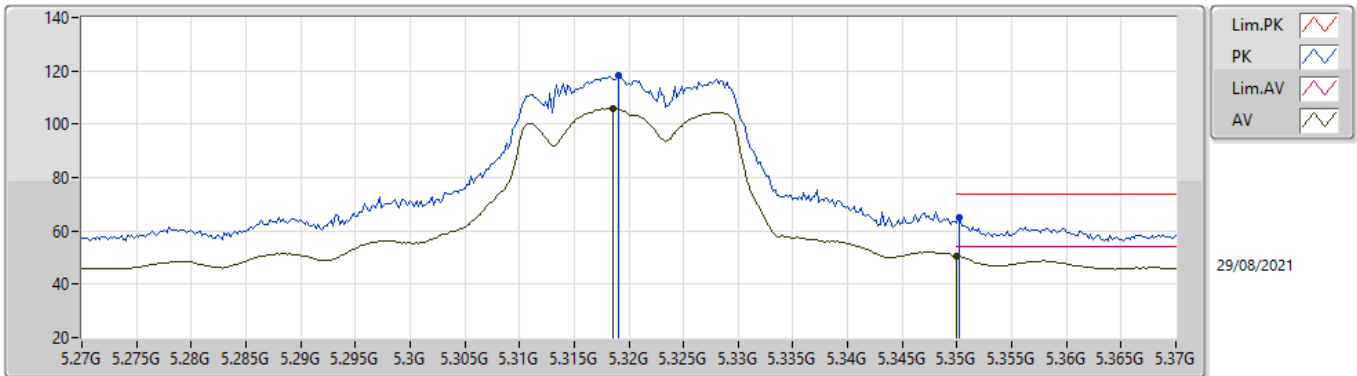


EUTY\_2TX  
Setting 26.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.8985G	64.74	74.00	-9.26	49.37	3	Horizontal	314	1.80	-	38.50	12.02	35.15
AV	15.8976G	49.37	54.00	-4.63	34.00	3	Horizontal	314	1.80	-	38.50	12.02	35.15

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

### 5320MHz\_TnomVnom

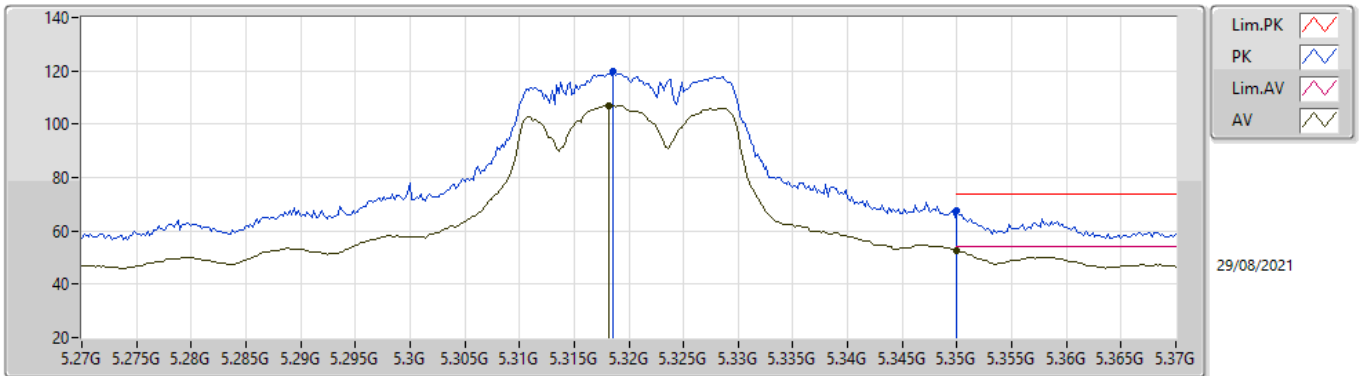


EUTY\_2TX  
Setting 24  
04-D-R-5-10

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	5.319G	118.12	Inf	-Inf	112.53	3	Vertical	54	2.18	-	33.00	5.76	33.17
AV	5.3186G	105.77	Inf	-Inf	100.18	3	Vertical	54	2.18	-	33.00	5.76	33.17
PK	5.3502G	64.80	74.00	-9.20	59.19	3	Vertical	54	2.18	-	33.00	5.78	33.17
AV	5.35G	50.32	54.00	-3.68	44.71	3	Vertical	54	2.18	-	33.00	5.78	33.17

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

### 5320MHz\_TnomVnom



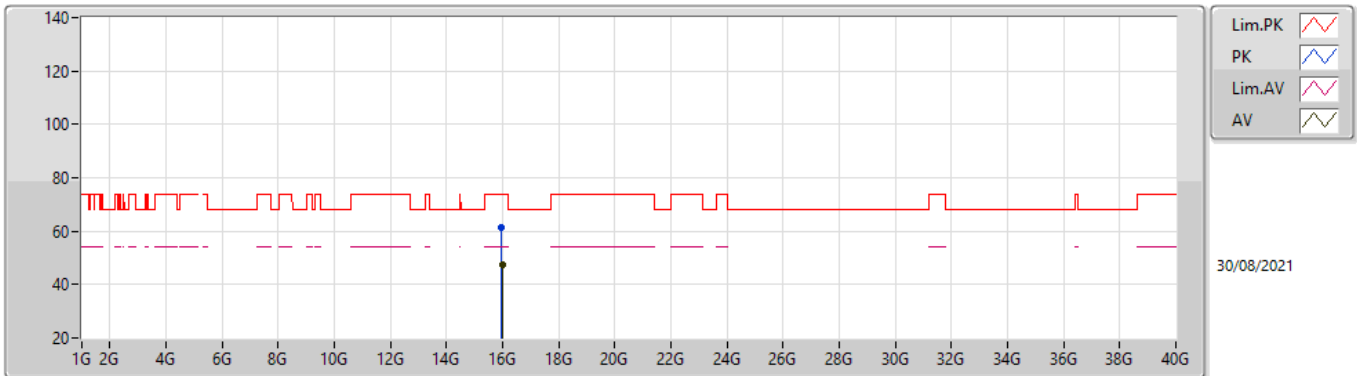
EUTY\_2TX  
Setting 24  
04-D-R-5-10

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	5.3186G	119.76	Inf	-Inf	114.17	3	Horizontal	356	1.84	-	33.00	5.76	33.17
AV	5.3182G	107.08	Inf	-Inf	101.49	3	Horizontal	356	1.84	-	33.00	5.76	33.17
PK	5.35G	67.36	74.00	-6.64	61.75	3	Horizontal	356	1.84	-	33.00	5.78	33.17
AV	5.35G	52.82	54.00	-1.18	47.21	3	Horizontal	356	1.84	-	33.00	5.78	33.17



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

### 5320MHz\_TnomVnom

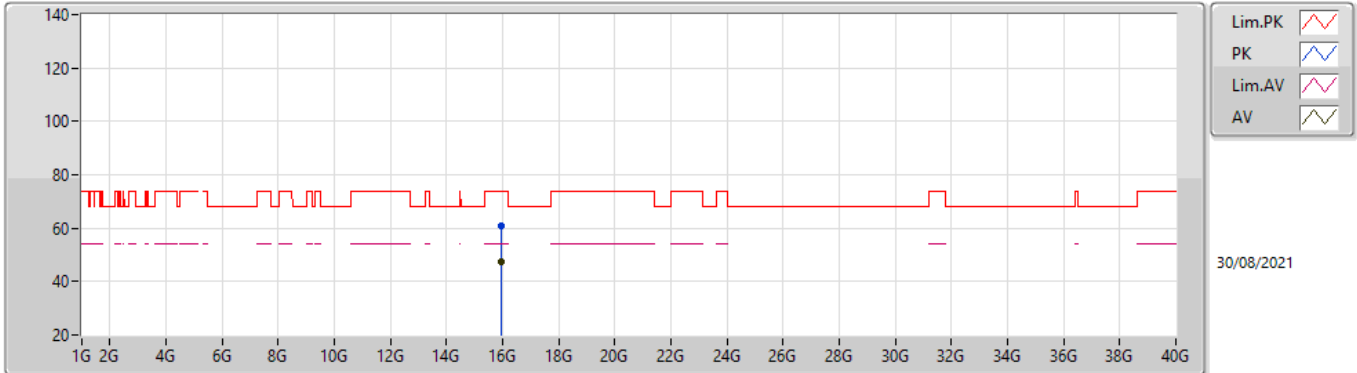


EUTY\_2TX  
Setting 24  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.972G	61.23	74.00	-12.77	45.81	3	Vertical	49	1.95	-	38.50	12.08	35.16
AV	15.981G	47.53	54.00	-6.47	32.10	3	Vertical	49	1.95	-	38.50	12.09	35.16

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

### 5320MHz\_TnomVnom

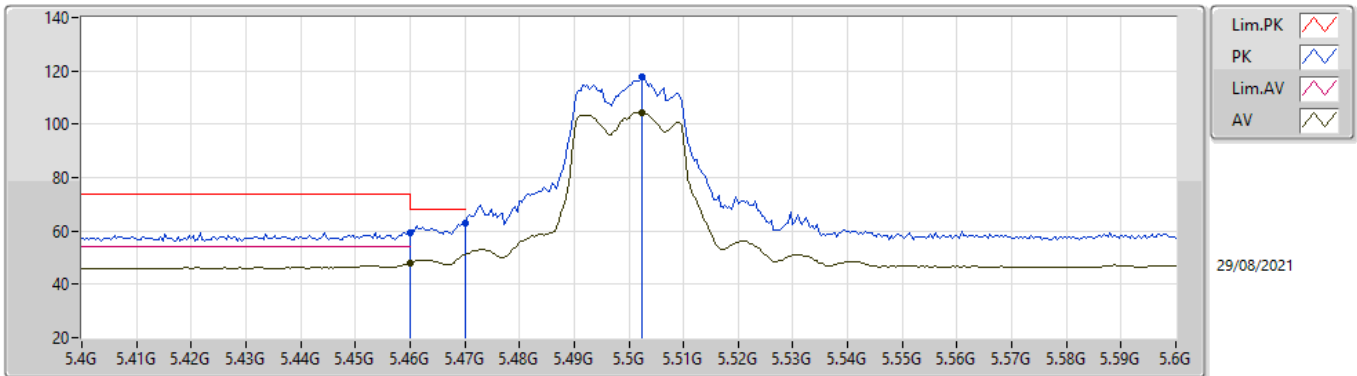


EUTY\_2TX  
Setting 24  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9589G	60.71	74.00	-13.29	45.30	3	Horizontal	245	1.59	-	38.50	12.07	35.16
AV	15.9551G	47.45	54.00	-6.55	32.04	3	Horizontal	245	1.59	-	38.50	12.07	35.16

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

### 5500MHz\_TnomVnom

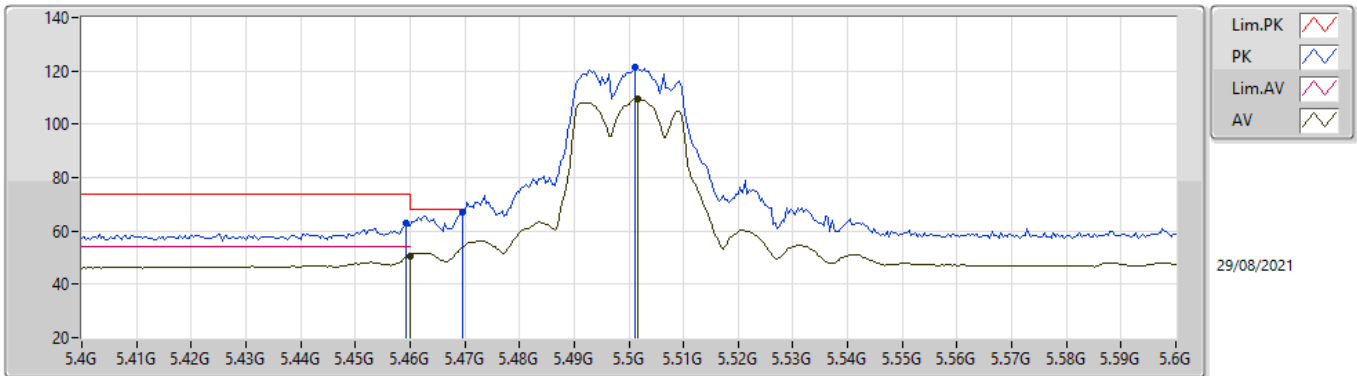


EUTY\_2TX  
Setting 24  
04-D-R-5-10

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	59.51	74.00	-14.49	53.22	3	Vertical	50	2.21	-	33.64	5.83	33.18
AV	5.46G	48.11	54.00	-5.89	41.82	3	Vertical	50	2.21	-	33.64	5.83	33.18
PK	5.47G	63.15	68.20	-5.05	56.82	3	Vertical	50	2.21	-	33.68	5.83	33.18
PK	5.5024G	117.95	Inf	-Inf	111.48	3	Vertical	50	2.21	-	33.80	5.85	33.18
AV	5.5024G	104.47	Inf	-Inf	98.00	3	Vertical	50	2.21	-	33.80	5.85	33.18

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

### 5500MHz\_TnomVnom

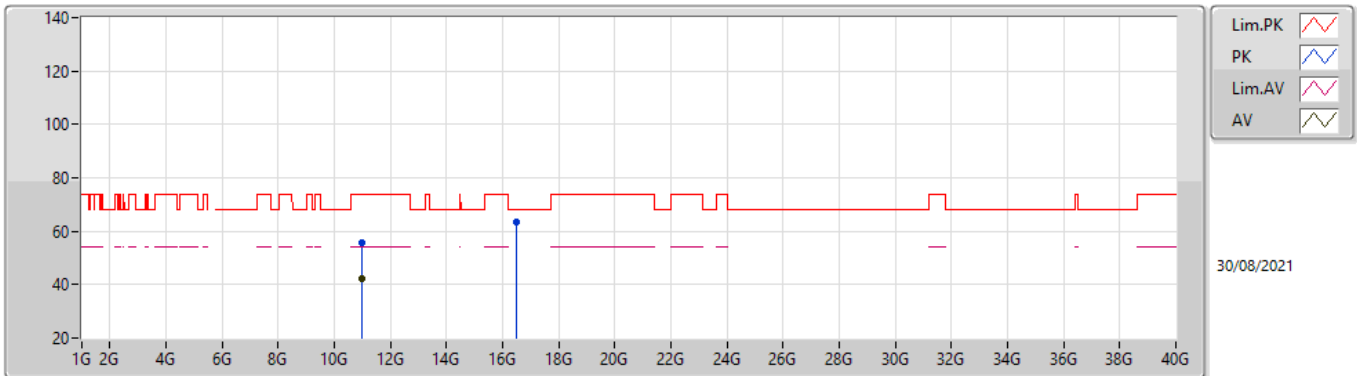


EUTY\_2TX  
Setting 24  
04-D-R-5-10

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	62.98	74.00	-11.02	56.69	3	Horizontal	56	2.09	-	33.64	5.83	33.18
AV	5.46G	50.68	54.00	-3.32	44.39	3	Horizontal	56	2.09	-	33.64	5.83	33.18
PK	5.4696G	67.25	68.20	-0.95	60.92	3	Horizontal	56	2.09	-	33.68	5.83	33.18
PK	5.5012G	121.62	Inf	-Inf	115.15	3	Horizontal	56	2.09	-	33.80	5.85	33.18
AV	5.5016G	109.40	Inf	-Inf	102.93	3	Horizontal	56	2.09	-	33.80	5.85	33.18

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

### 5500MHz\_TnomVnom

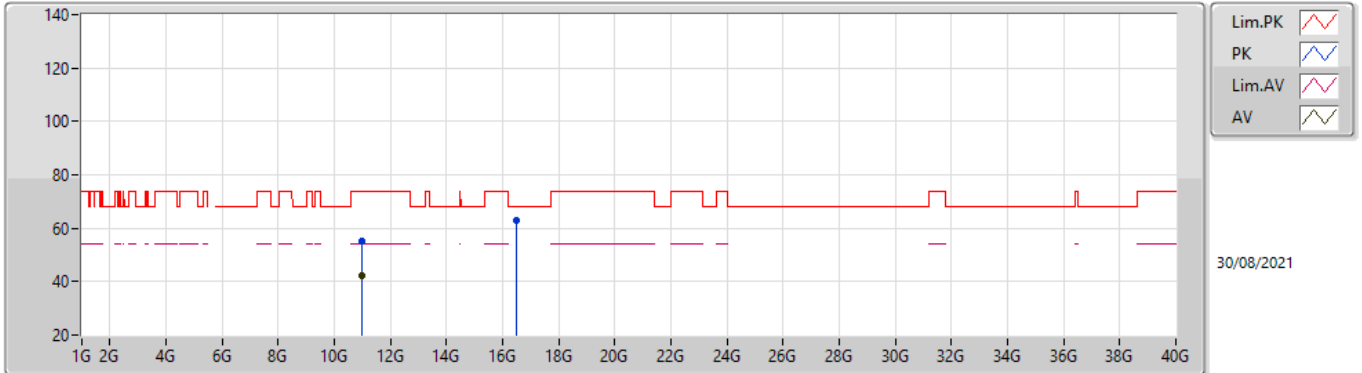


EUTY\_2TX  
Setting 24  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.9931G	55.82	74.00	-18.18	42.02	3	Vertical	2	2.16	-	39.20	9.10	34.50
AV	10.9937G	42.27	54.00	-11.73	28.48	3	Vertical	2	2.16	-	39.20	9.10	34.51
PK	16.4995G	63.26	68.20	-4.94	46.24	3	Vertical	317	2.75	-	39.60	12.50	35.08

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

### 5500MHz\_TnomVnom

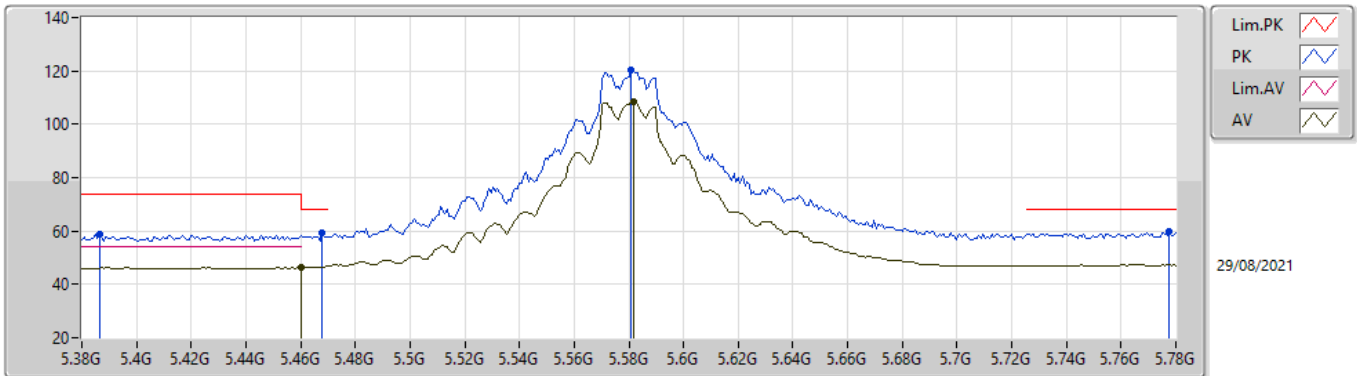


EUTY\_2TX  
Setting 24  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.004G	55.31	74.00	-18.69	41.52	3	Horizontal	90	2.76	-	39.20	9.10	34.51
AV	10.9822G	42.27	54.00	-11.73	28.48	3	Horizontal	90	2.76	-	39.20	9.09	34.50
PK	16.4754G	62.82	68.20	-5.38	45.89	3	Horizontal	216	1.23	-	39.53	12.48	35.08

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

### 5580MHz\_TnomVnom

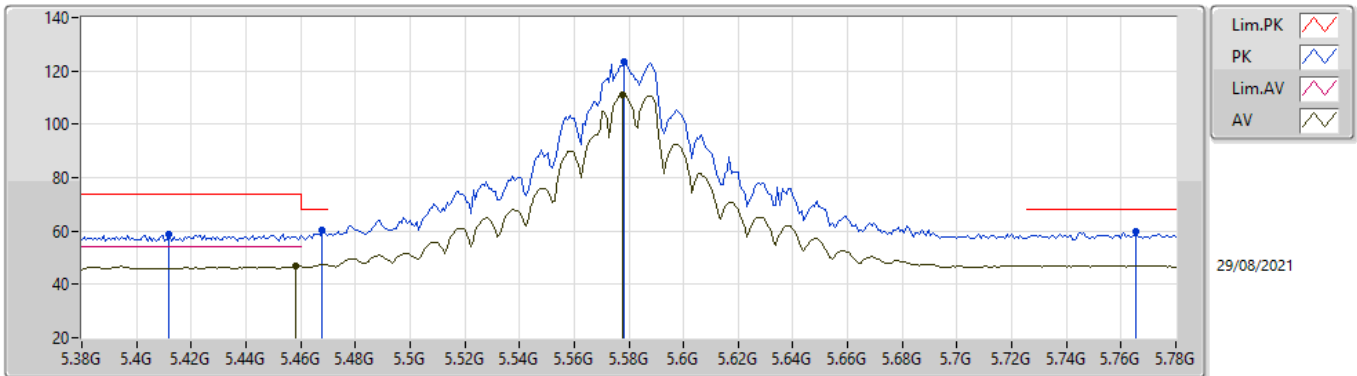


EUT\_V\_2TX  
Setting 29  
04-D-R-5-10

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	5.3864G	58.69	74.00	-15.31	52.79	3	Vertical	39	1.85	-	33.29	5.79	33.18
PK	5.468G	59.15	68.20	-9.05	52.83	3	Vertical	39	1.85	-	33.67	5.83	33.18
AV	5.46G	46.48	54.00	-7.52	40.19	3	Vertical	39	1.85	-	33.64	5.83	33.18
PK	5.5808G	120.12	Inf	-Inf	113.58	3	Vertical	39	1.85	-	33.86	5.89	33.21
AV	5.5816G	108.51	Inf	-Inf	101.97	3	Vertical	39	1.85	-	33.86	5.89	33.21
PK	5.7776G	59.91	68.20	-8.29	53.01	3	Vertical	39	1.85	-	34.20	5.99	33.29

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

### 5580MHz\_TnomVnom



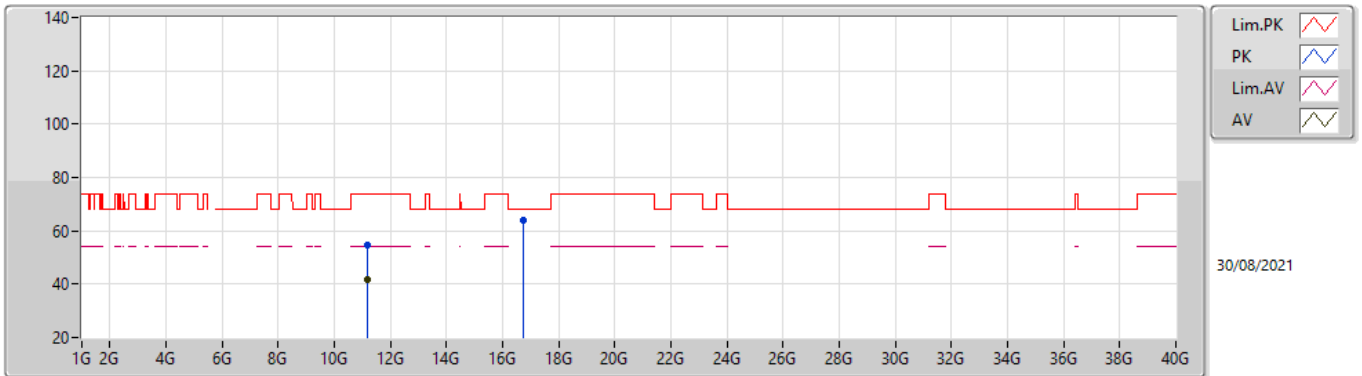
EUT V\_2TX  
Setting 29  
04-D-R-5-10

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	5.412G	58.99	74.00	-15.01	52.91	3	Horizontal	47	1.80	-	33.45	5.81	33.18
PK	5.468G	60.11	68.20	-8.09	53.79	3	Horizontal	47	1.80	-	33.67	5.83	33.18
AV	5.4584G	46.73	54.00	-7.27	40.45	3	Horizontal	47	1.80	-	33.63	5.83	33.18
PK	5.5784G	123.21	Inf	-Inf	116.67	3	Horizontal	47	1.80	-	33.86	5.89	33.21
AV	5.5776G	111.17	Inf	-Inf	104.63	3	Horizontal	47	1.80	-	33.86	5.89	33.21
PK	5.7656G	59.70	68.20	-8.50	52.81	3	Horizontal	47	1.80	-	34.20	5.98	33.29



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

### 5580MHz\_TnomVnom

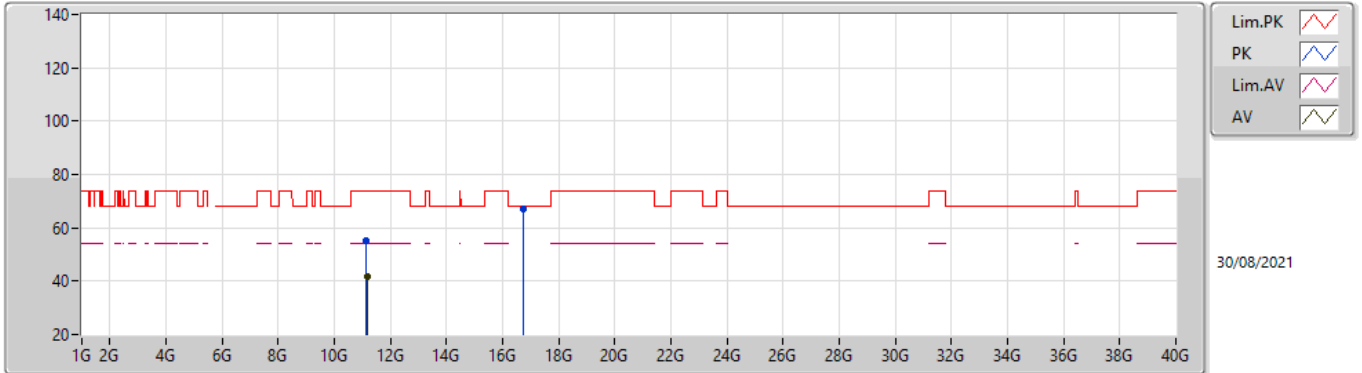


EUTY\_2TX  
Setting 29  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1572G	54.90	74.00	-19.10	41.17	3	Vertical	32	2.98	-	39.14	9.18	34.59
AV	11.1773G	41.67	54.00	-12.33	27.96	3	Vertical	32	2.98	-	39.12	9.19	34.60
PK	16.7376G	64.16	68.20	-4.04	46.36	3	Vertical	0	2.21	-	40.08	12.69	34.97

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

### 5580MHz\_TnomVnom

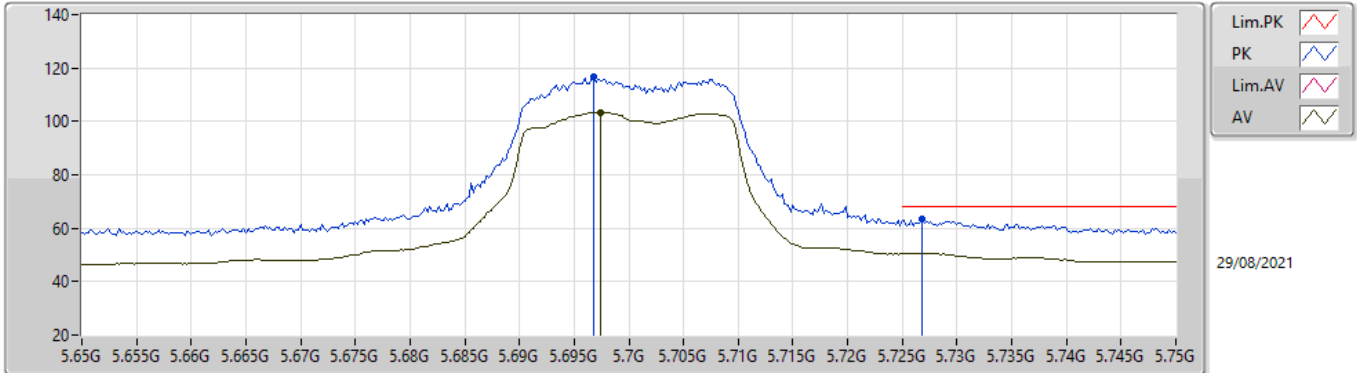


EUTY\_2TX  
Setting 29  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1546G	55.01	74.00	-18.99	41.27	3	Horizontal	0	1.34	-	39.15	9.18	34.59
AV	11.1805G	41.61	54.00	-12.39	27.90	3	Horizontal	0	1.34	-	39.12	9.19	34.60
PK	16.7407G	67.18	68.20	-1.02	49.38	3	Horizontal	53	2.58	-	40.08	12.69	34.97

802.11ax HEW20\_Nss1,(MCS0)\_2TX

5700MHz\_TnomVnom

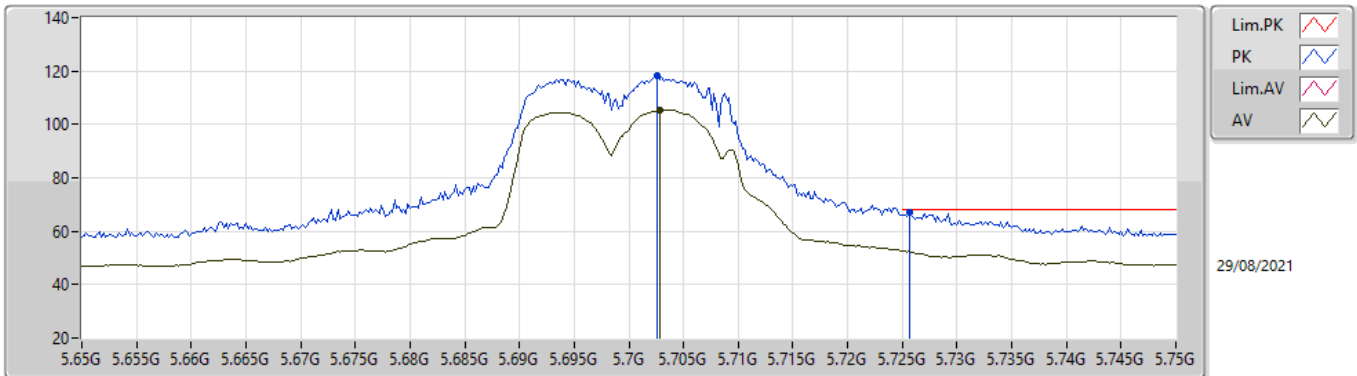


EUTY\_2TX  
Setting 23  
04-D-R-5-10

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	5.6968G	116.57	Inf	-Inf	109.89	3	Vertical	41	1.80	-	33.99	5.95	33.26
AV	5.6974G	103.33	Inf	-Inf	96.65	3	Vertical	41	1.80	-	33.99	5.95	33.26
PK	5.7268G	63.52	68.20	-4.68	56.72	3	Vertical	41	1.80	-	34.11	5.96	33.27

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

### 5700MHz\_TnomVnom

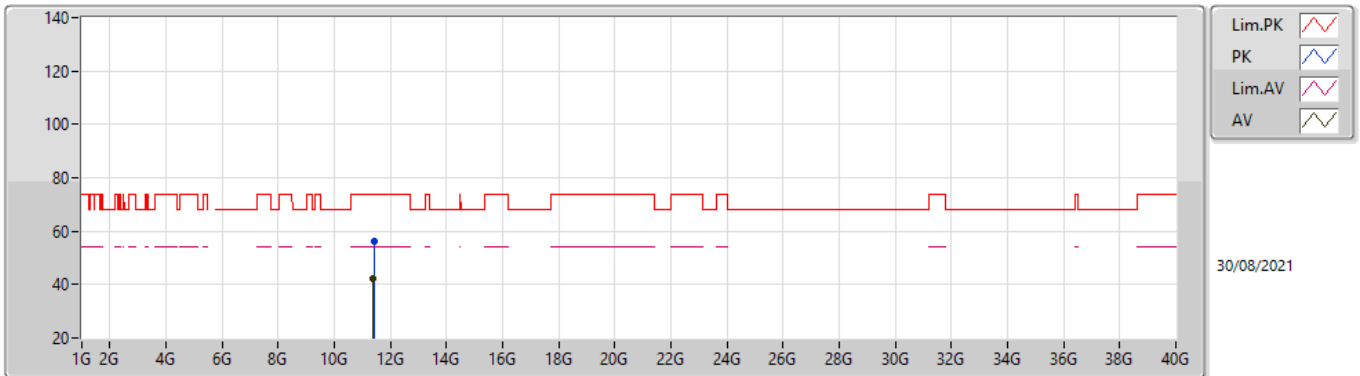


EUTY\_2TX  
Setting 23  
04-D-R-5-10

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	5.7026G	118.43	Inf	-Inf	111.73	3	Horizontal	7	1.80	-	34.01	5.95	33.26
AV	5.7028G	105.27	Inf	-Inf	98.57	3	Horizontal	7	1.80	-	34.01	5.95	33.26
PK	5.7256G	67.22	68.20	-0.98	60.43	3	Horizontal	7	1.80	-	34.10	5.96	33.27

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

### 5700MHz\_TnomVnom

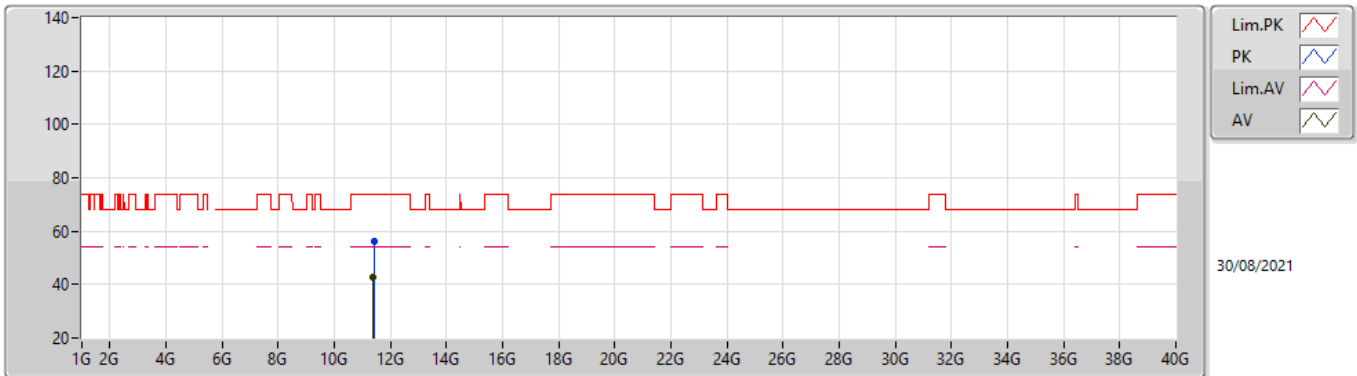


EUTY\_2TX  
Setting 23  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4201G	56.33	74.00	-17.67	42.54	3	Vertical	314	1.80	-	39.20	9.31	34.72
AV	11.395G	42.42	54.00	-11.58	28.62	3	Vertical	314	1.80	-	39.21	9.30	34.71

802.11ax HEW20\_Nss1,(MCS0)\_2TX

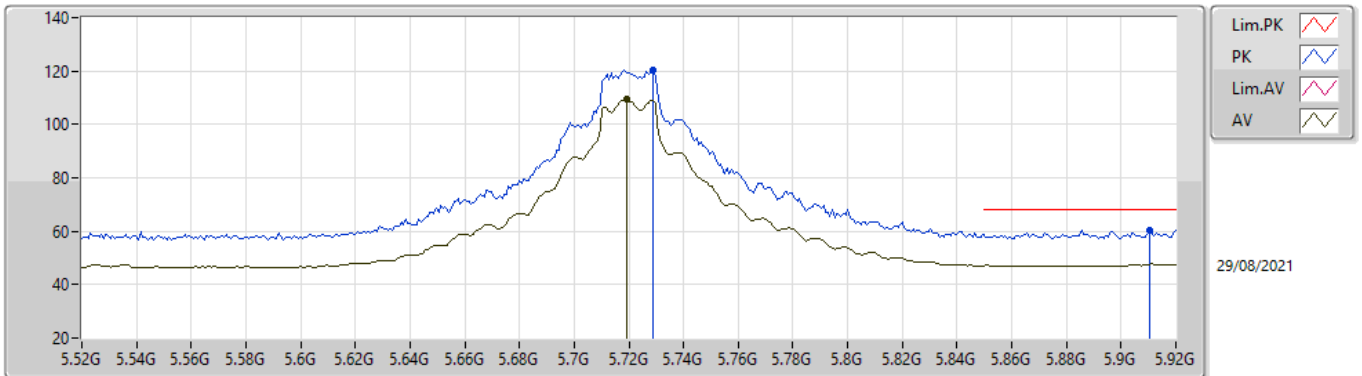
5700MHz\_TnomVnom



EUTY\_2TX  
Setting 23  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4187G	56.30	74.00	-17.70	42.51	3	Horizontal	282	2.48	-	39.20	9.31	34.72
AV	11.3979G	42.55	54.00	-11.45	28.76	3	Horizontal	282	2.48	-	39.20	9.30	34.71

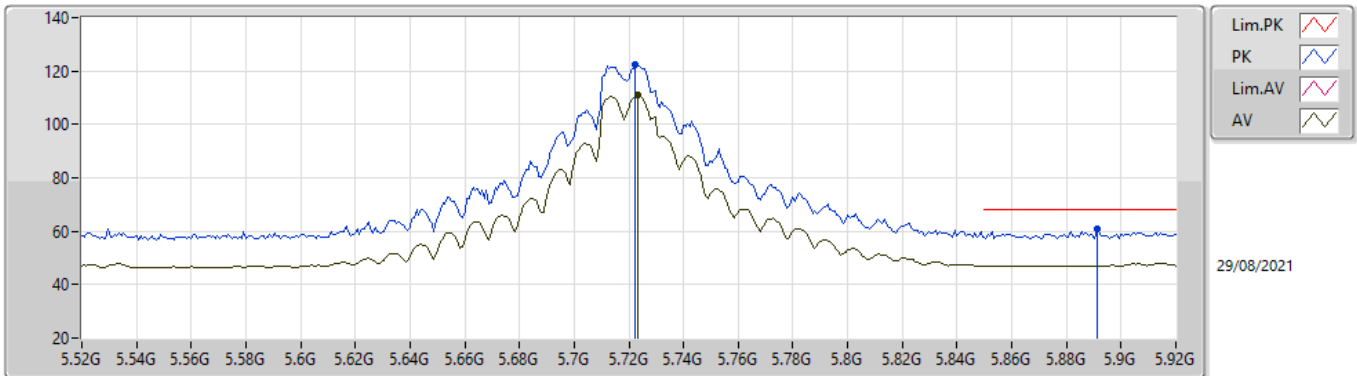
**802.11ax HEW20\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUTY\_2TX  
 Setting 28  
 04-D-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	5.7288G	120.23	Inf	-Inf	113.42	3	Vertical	43	1.42	-	34.12	5.96	33.27
AV	5.7192G	109.25	Inf	-Inf	102.48	3	Vertical	43	1.42	-	34.08	5.96	33.27
PK	5.9104G	60.44	68.20	-7.76	52.83	3	Vertical	43	1.42	-	34.84	6.11	33.34

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

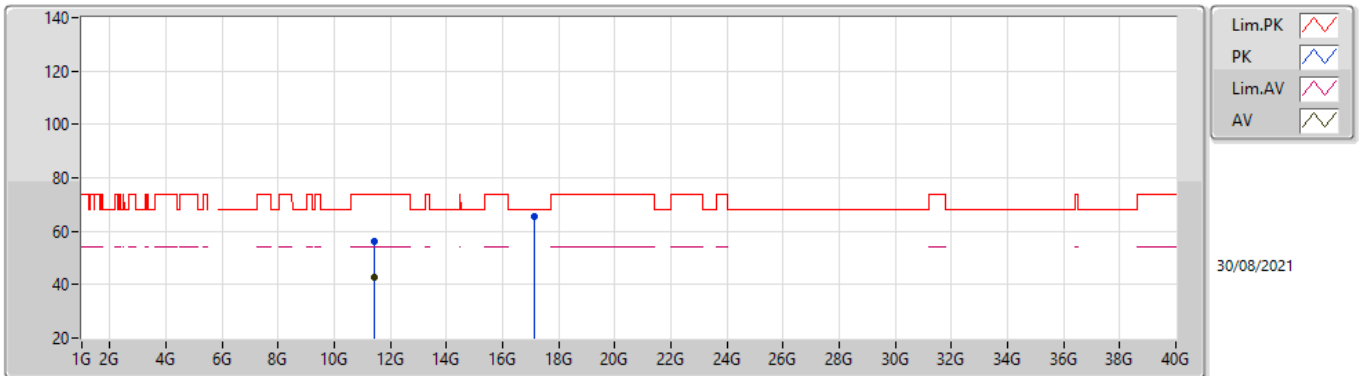


EUTY\_2TX  
 Setting 28  
 04-D-R-5-10

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	122.36	Inf	-Inf	115.58	3	Horizontal	6	1.83	-	34.09	5.96	33.27
AV	5.7232G	110.93	Inf	-Inf	104.15	3	Horizontal	6	1.83	-	34.09	5.96	33.27
PK	5.8912G	60.90	68.20	-7.30	53.40	3	Horizontal	6	1.83	-	34.75	6.09	33.34



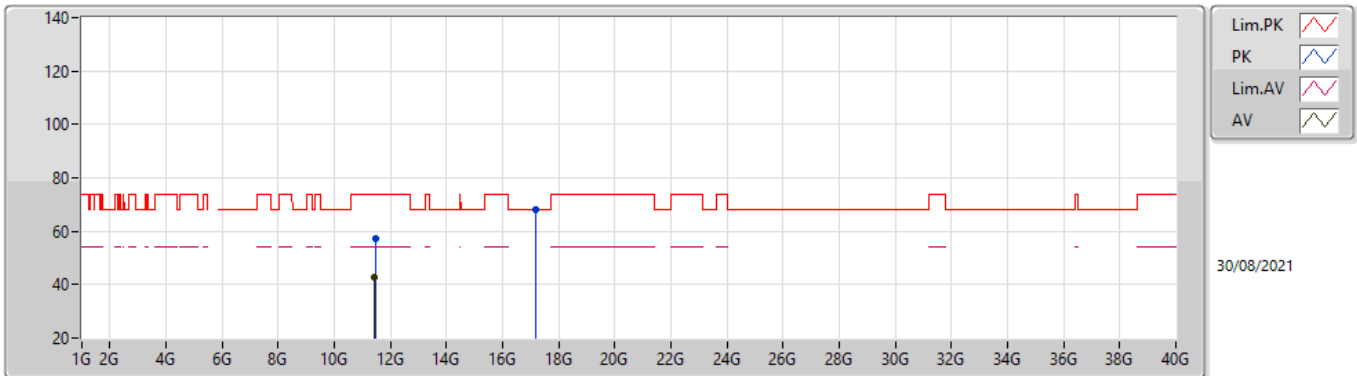
**802.11ax HEW20\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUTY\_2TX  
 Setting 28  
 04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.447G	55.95	74.00	-18.05	42.16	3	Vertical	16	2.05	-	39.20	9.32	34.73
AV	11.418G	42.58	54.00	-11.42	28.79	3	Vertical	16	2.05	-	39.20	9.31	34.72
PK	17.1395G	65.73	68.20	-2.47	46.33	3	Vertical	0	2.06	-	41.14	13.01	34.75

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

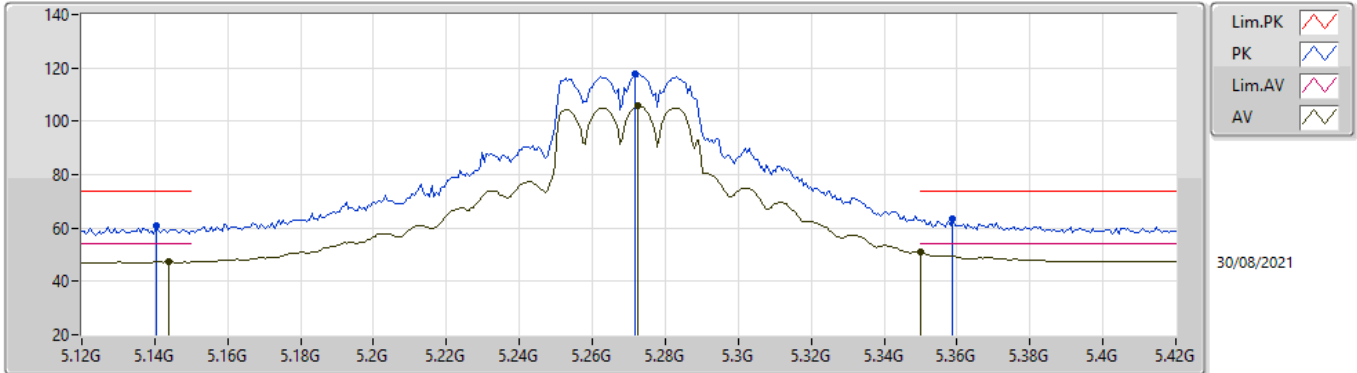


EUTY\_2TX  
 Setting 28  
 04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4559G	57.06	74.00	-16.94	43.27	3	Horizontal	360	1.80	-	39.20	9.33	34.74
AV	11.4362G	42.95	54.00	-11.05	29.16	3	Horizontal	360	1.80	-	39.20	9.32	34.73
PK	17.1573G	67.86	68.20	-0.34	48.40	3	Horizontal	322	1.87	-	41.16	13.03	34.73

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

### 5270MHz\_TnomVnom

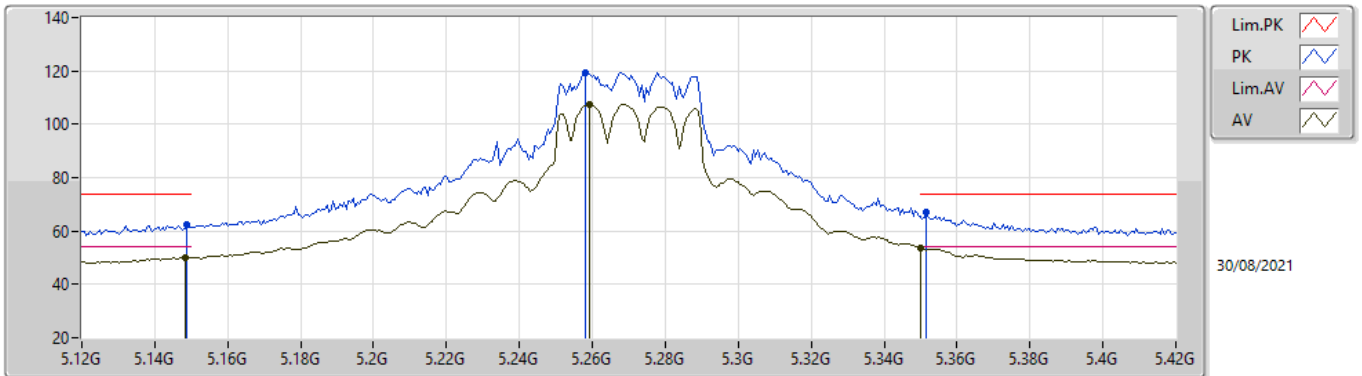


EUT V\_2TX  
Setting 25.5  
04-E-N-2-10

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	5.1404G	60.62	74.00	-13.38	55.35	3	Vertical	53	2.13	-	32.80	5.64	33.17
AV	5.144G	47.39	54.00	-6.61	42.12	3	Vertical	53	2.13	-	32.80	5.64	33.17
PK	5.2718G	117.82	Inf	-Inf	112.31	3	Vertical	53	2.13	-	32.94	5.74	33.17
AV	5.2724G	105.73	Inf	-Inf	100.22	3	Vertical	53	2.13	-	32.94	5.74	33.17
PK	5.3588G	63.46	74.00	-10.54	57.78	3	Vertical	53	2.13	-	33.07	5.78	33.17
AV	5.35G	50.86	54.00	-3.14	45.25	3	Vertical	53	2.13	-	33.00	5.78	33.17

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

### 5270MHz\_TnomVnom

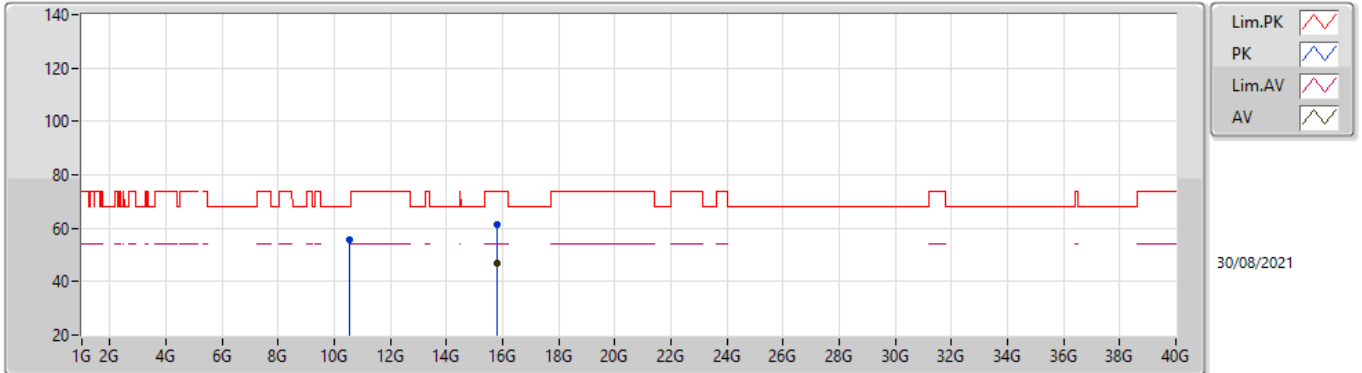


EUT\_V\_2TX  
Setting 25.5  
04-E-N-2-10

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	5.1488G	62.26	74.00	-11.74	56.98	3	Horizontal	348	2.89	-	32.80	5.65	33.17
AV	5.1482G	50.25	54.00	-3.75	44.97	3	Horizontal	348	2.89	-	32.80	5.65	33.17
PK	5.258G	119.40	Inf	-Inf	113.92	3	Horizontal	348	2.89	-	32.92	5.73	33.17
AV	5.2592G	107.62	Inf	-Inf	102.14	3	Horizontal	348	2.89	-	32.92	5.73	33.17
PK	5.3516G	67.08	74.00	-6.92	61.46	3	Horizontal	348	2.89	-	33.01	5.78	33.17
AV	5.35G	53.56	54.00	-0.44	47.95	3	Horizontal	348	2.89	-	33.00	5.78	33.17

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

### 5270MHz\_TnomVnom

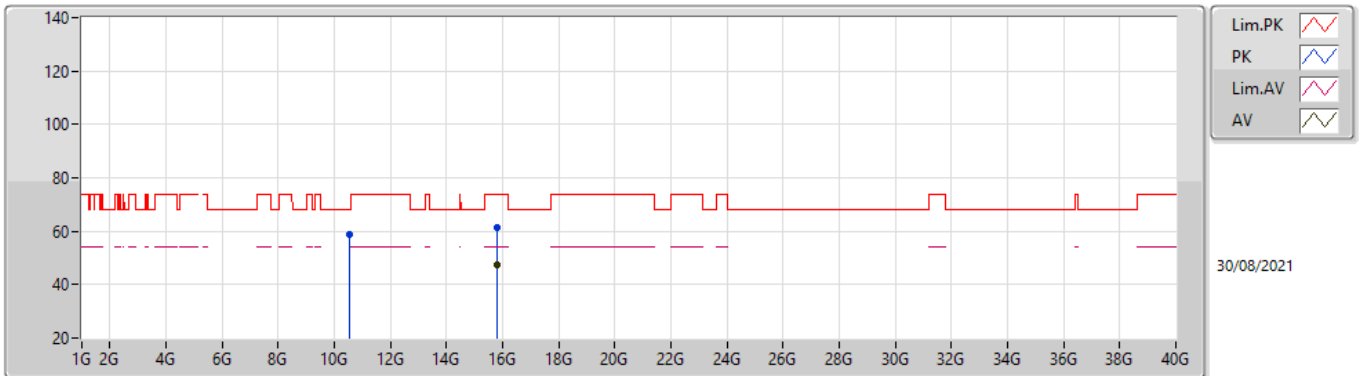


EUTY\_2TX  
Setting 25.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5443G	55.62	68.20	-12.58	41.86	3	Vertical	68	2.96	-	39.04	8.87	34.15
PK	15.8205G	61.17	74.00	-12.83	45.85	3	Vertical	323	1.80	-	38.50	11.97	35.15
AV	15.7912G	47.15	54.00	-6.85	31.86	3	Vertical	323	1.80	-	38.50	11.94	35.15

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

### 5270MHz\_TnomVnom

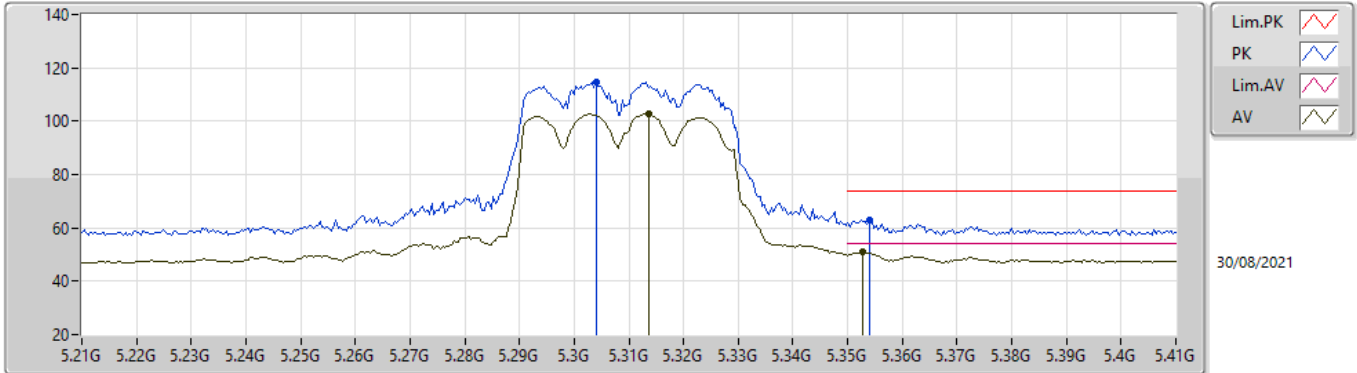


EUTY\_2TX  
Setting 25.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5288G	58.62	68.20	-9.58	44.87	3	Horizontal	92	1.23	-	39.03	8.86	34.14
PK	15.7902G	61.22	74.00	-12.78	45.93	3	Horizontal	322	1.80	-	38.50	11.94	35.15
AV	15.7962G	47.66	54.00	-6.34	32.36	3	Horizontal	322	1.80	-	38.50	11.95	35.15

802.11ax HEW40\_Nss1,(MCS0)\_2TX

5310MHz\_TnomVnom

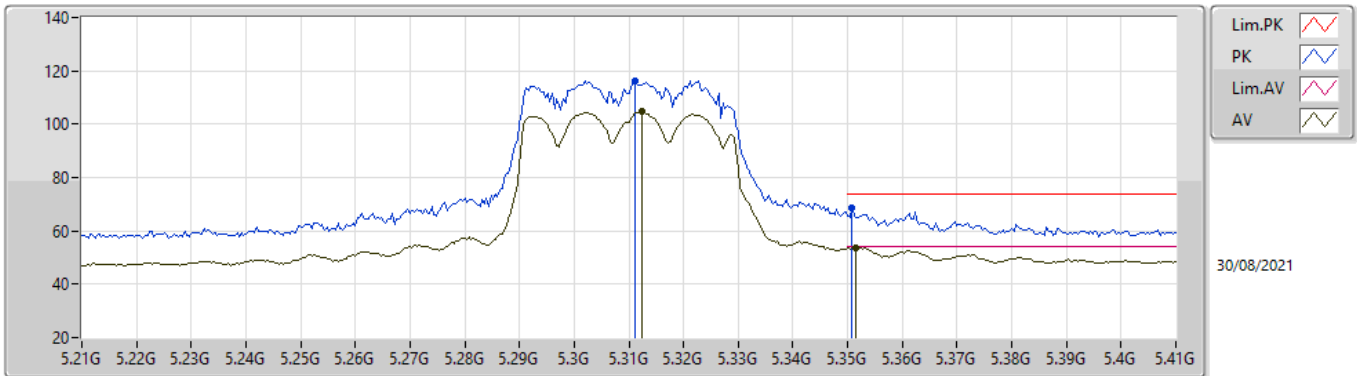


EUTY\_2TX  
Setting 22  
04-E-N-2-10

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	5.304G	114.68	Inf	-Inf	109.10	3	Vertical	57	2.12	-	33.00	5.75	33.17
AV	5.3136G	102.57	Inf	-Inf	96.98	3	Vertical	57	2.12	-	33.00	5.76	33.17
PK	5.354G	63.04	74.00	-10.96	57.40	3	Vertical	57	2.12	-	33.03	5.78	33.17
AV	5.3528G	50.87	54.00	-3.13	45.24	3	Vertical	57	2.12	-	33.02	5.78	33.17

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

### 5310MHz\_TnomVnom



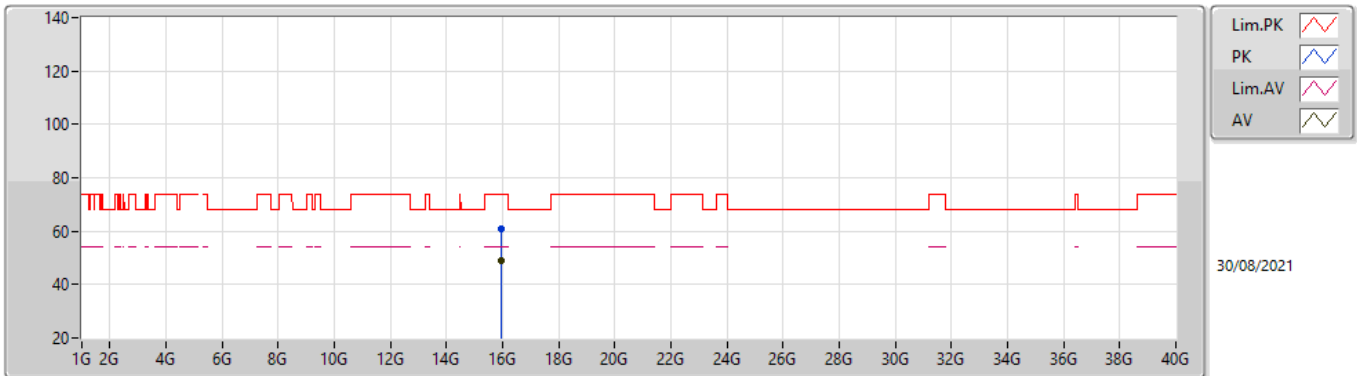
EUTY\_2TX  
Setting 22  
04-E-N-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3112G	116.40	Inf	-Inf	110.81	3	Horizontal	348	1.80	-	33.00	5.76	33.17
AV	5.3124G	104.60	Inf	-Inf	99.01	3	Horizontal	348	1.80	-	33.00	5.76	33.17
PK	5.3508G	68.38	74.00	-5.62	62.76	3	Horizontal	348	1.80	-	33.01	5.78	33.17
AV	5.3516G	53.83	54.00	-0.17	48.21	3	Horizontal	348	1.80	-	33.01	5.78	33.17



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

### 5310MHz\_TnomVnom

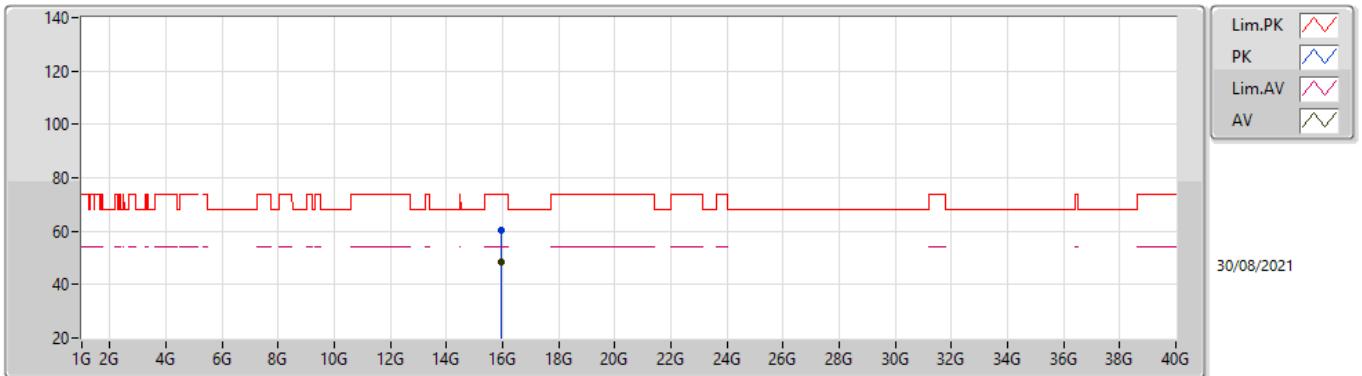


EUTY\_2TX  
Setting 22  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9471G	60.86	74.00	-13.14	45.46	3	Vertical	232	2.26	-	38.50	12.06	35.16
AV	15.9296G	48.81	54.00	-5.19	33.42	3	Vertical	232	2.26	-	38.50	12.05	35.16

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

### 5310MHz\_TnomVnom

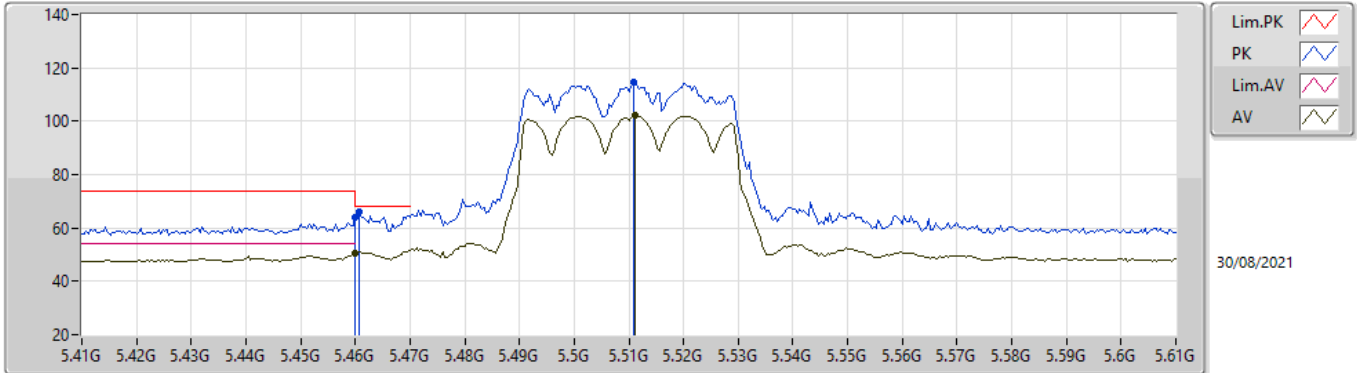


EUTY\_2TX  
Setting 22  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9528G	60.50	74.00	-13.50	45.10	3	Horizontal	164	1.75	-	38.50	12.06	35.16
AV	15.9354G	48.42	54.00	-5.58	33.03	3	Horizontal	164	1.75	-	38.50	12.05	35.16

802.11ax HEW40\_Nss1,(MCS0)\_2TX

5510MHz\_TnomVnom

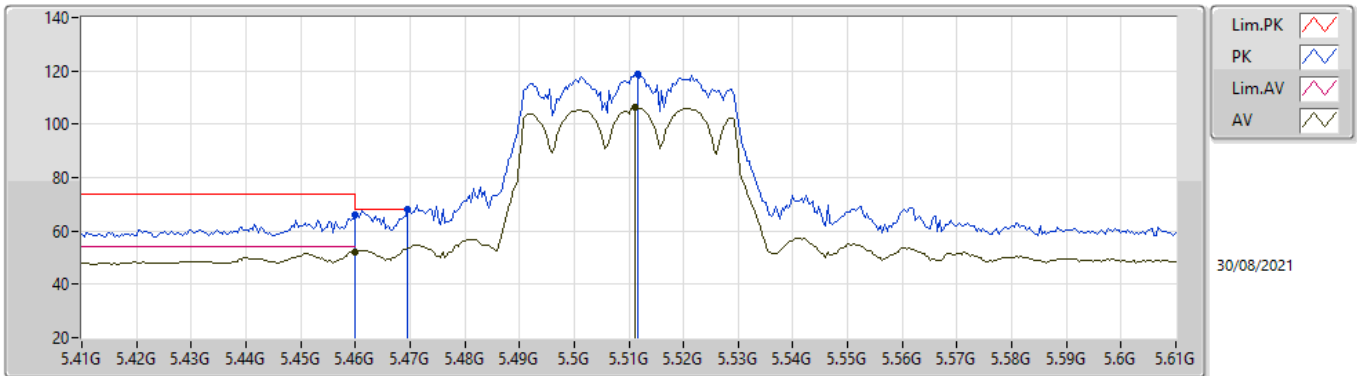


EUT\_V\_2TX  
Setting 22  
04-E-N-2-10

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	63.82	74.00	-10.18	57.53	3	Vertical	19	2.12	-	33.64	5.83	33.18
AV	5.46G	50.29	54.00	-3.71	44.00	3	Vertical	19	2.12	-	33.64	5.83	33.18
PK	5.4608G	66.02	68.20	-2.18	59.73	3	Vertical	19	2.12	-	33.64	5.83	33.18
PK	5.5108G	114.66	Inf	-Inf	108.18	3	Vertical	19	2.12	-	33.80	5.86	33.18
AV	5.5112G	102.17	Inf	-Inf	95.69	3	Vertical	19	2.12	-	33.80	5.86	33.18

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

### 5510MHz\_TnomVnom

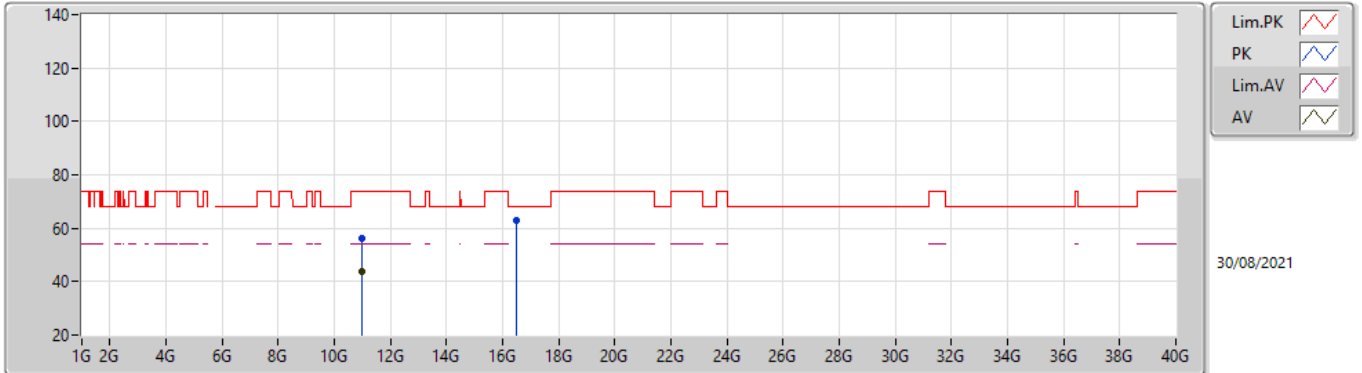


EUT\_V\_2TX  
Setting 22  
04-E-N-2-10

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	65.93	74.00	-8.07	59.64	3	Horizontal	48	2.15	-	33.64	5.83	33.18
AV	5.46G	52.27	54.00	-1.73	45.98	3	Horizontal	48	2.15	-	33.64	5.83	33.18
PK	5.4696G	67.90	68.20	-0.30	61.57	3	Horizontal	48	2.15	-	33.68	5.83	33.18
PK	5.5116G	118.70	Inf	-Inf	112.22	3	Horizontal	48	2.15	-	33.80	5.86	33.18
AV	5.5112G	106.63	Inf	-Inf	100.15	3	Horizontal	48	2.15	-	33.80	5.86	33.18

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

### 5510MHz\_TnomVnom

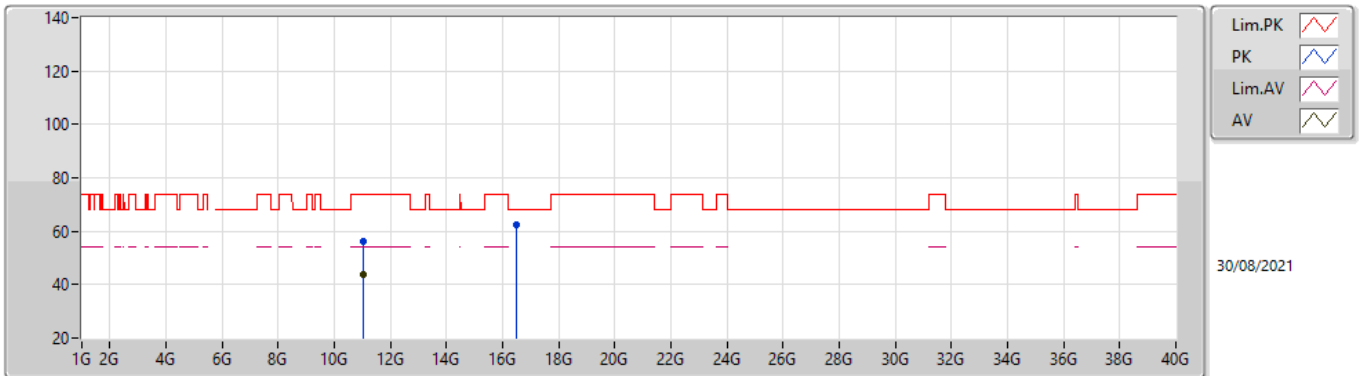


EUTY\_2TX  
Setting 22  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0038G	55.96	74.00	-18.04	42.17	3	Vertical	201	1.16	-	39.20	9.10	34.51
AV	11.0056G	43.59	54.00	-10.41	29.80	3	Vertical	201	1.16	-	39.20	9.10	34.51
PK	16.5062G	63.13	68.20	-5.07	46.11	3	Vertical	338	2.98	-	39.60	12.50	35.08

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

### 5510MHz\_TnomVnom

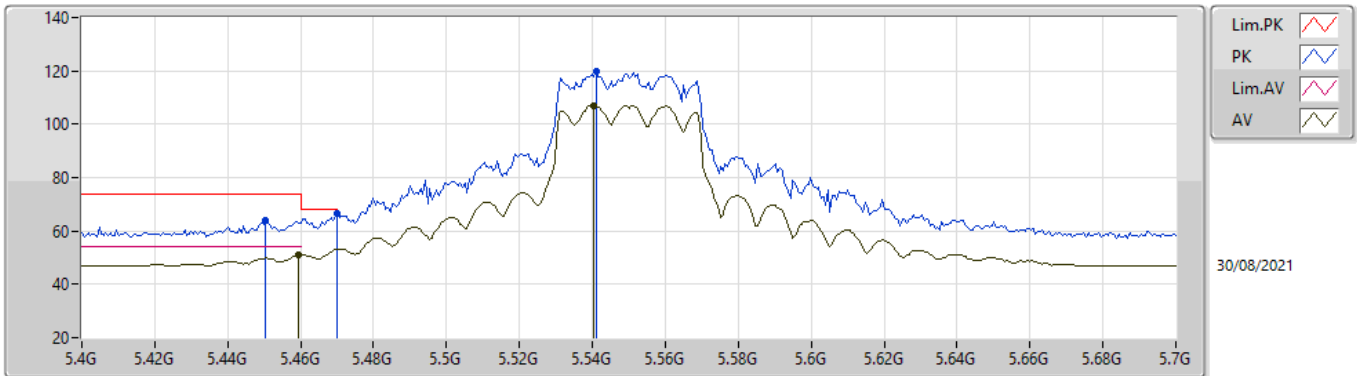


EUTY\_2TX  
Setting 22  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0134G	56.05	74.00	-17.95	42.26	3	Horizontal	97	1.54	-	39.20	9.11	34.52
AV	11.0132G	43.81	54.00	-10.19	30.02	3	Horizontal	97	1.54	-	39.20	9.11	34.52
PK	16.5096G	62.44	68.20	-5.76	45.41	3	Horizontal	165	1.48	-	39.60	12.51	35.08

802.11ax HEW40\_Nss1,(MCS0)\_2TX

5550MHz\_TnomVnom

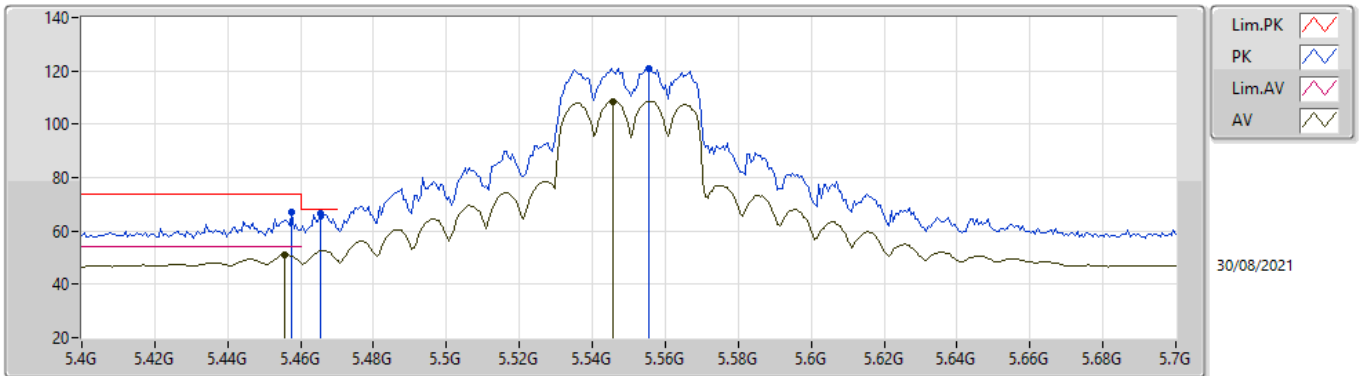


EUT\_V\_2TX  
Setting 24.5  
04-E-N-2-10

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	5.4504G	63.88	74.00	-10.12	57.63	3	Vertical	338	2.98	-	33.60	5.83	33.18
AV	5.4594G	51.12	54.00	-2.88	44.83	3	Vertical	338	2.98	-	33.64	5.83	33.18
PK	5.47G	66.71	68.20	-1.49	60.38	3	Vertical	338	2.98	-	33.68	5.83	33.18
PK	5.541G	119.57	Inf	-Inf	113.10	3	Vertical	338	2.98	-	33.80	5.87	33.20
AV	5.5404G	107.01	Inf	-Inf	100.54	3	Vertical	338	2.98	-	33.80	5.87	33.20

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

### 5550MHz\_TnomVnom



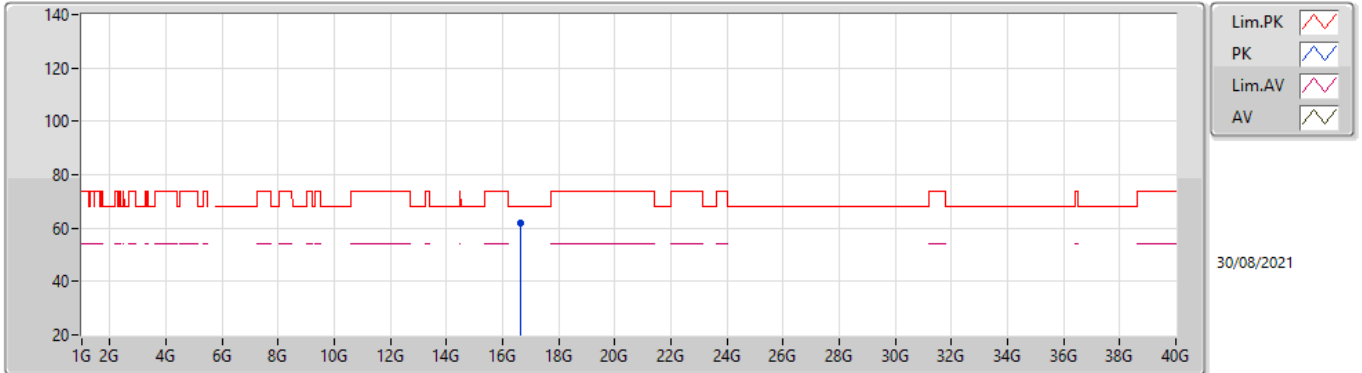
EUT V\_2TX  
Setting 24.5  
04-E-N-2-10

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	67.19	74.00	-6.81	60.91	3	Horizontal	47	2.23	-	33.63	5.83	33.18
AV	5.4558G	51.18	54.00	-2.82	44.91	3	Horizontal	47	2.23	-	33.62	5.83	33.18
PK	5.4654G	66.74	68.20	-1.46	60.43	3	Horizontal	47	2.23	-	33.66	5.83	33.18
PK	5.5554G	120.96	Inf	-Inf	114.47	3	Horizontal	47	2.23	-	33.81	5.88	33.20
AV	5.5458G	108.66	Inf	-Inf	102.19	3	Horizontal	47	2.23	-	33.80	5.87	33.20



802.11ax HEW40\_Nss1,(MCS0)\_2TX

5550MHz\_TnomVnom

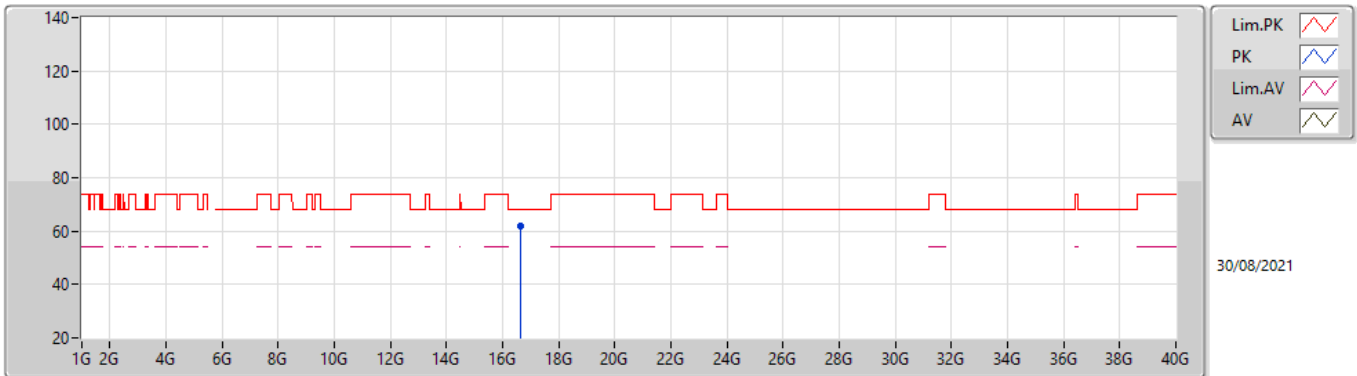


EUTY\_2TX  
Setting 24.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.6448G	61.77	68.20	-6.43	44.38	3	Vertical	146	2.98	-	39.78	12.62	35.01

802.11ax HEW40\_Nss1,(MCS0)\_2TX

5550MHz\_TnomVnom

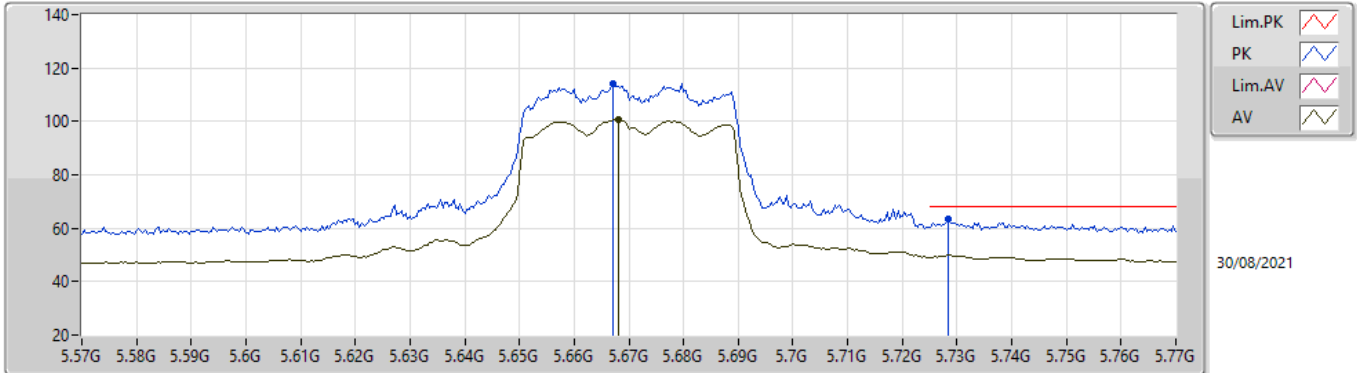






EUTY\_2TX  
Setting 24.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	16.6354G	62.02	68.20	-6.18	44.69	3	Horizontal	360	1.43	-	39.74	12.61	35.02

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

### 5670MHz\_TnomVnom



Lim.PK   
 PK   
 Lim.AV   
 AV 

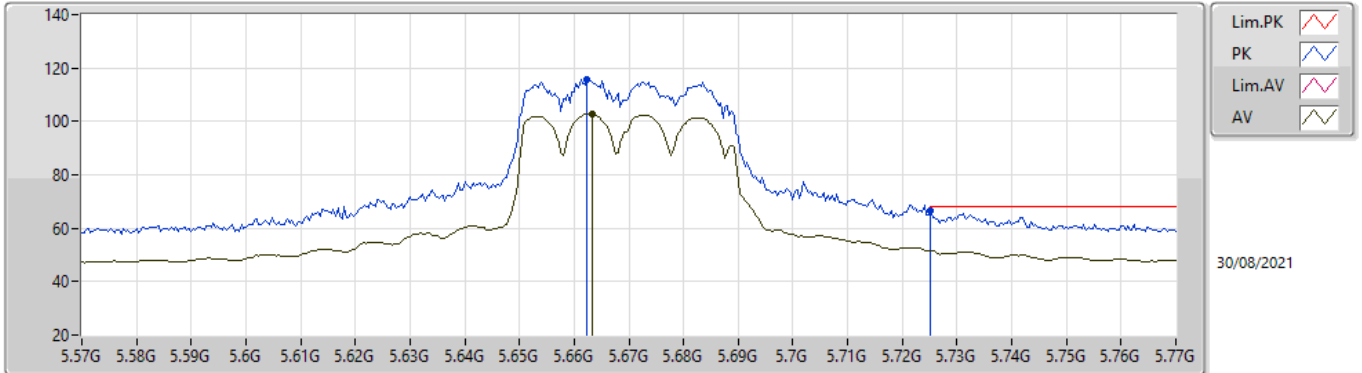
30/08/2021

EUTY\_2TX  
Setting 23  
04-E-N-2-10

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	5.6672G	113.95	Inf	-Inf	107.34	3	Vertical	37	1.31	-	33.93	5.93	33.25
AV	5.668G	100.70	Inf	-Inf	94.08	3	Vertical	37	1.31	-	33.94	5.93	33.25
PK	5.7284G	63.19	68.20	-5.01	56.39	3	Vertical	37	1.31	-	34.11	5.96	33.27

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

### 5670MHz\_TnomVnom

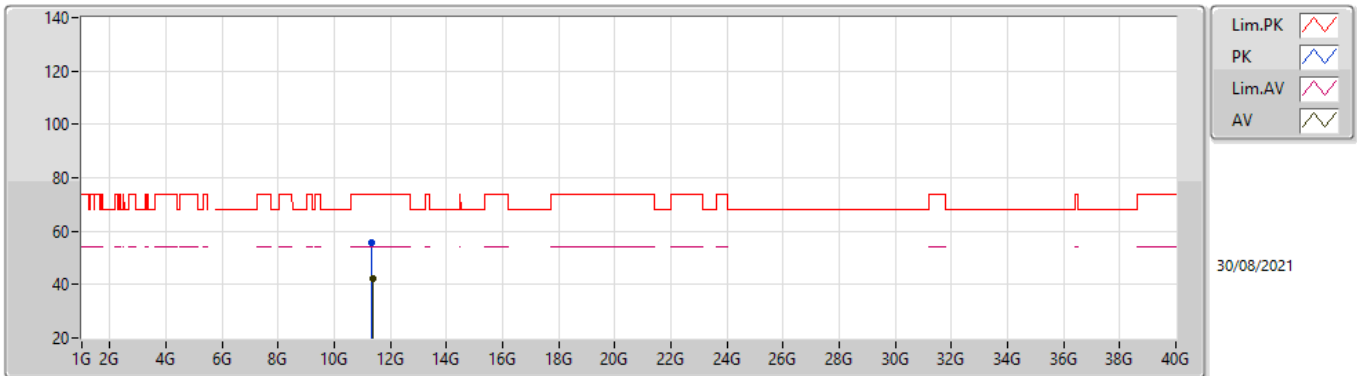


EUTY\_2TX  
Setting 23  
04-E-N-2-10

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	5.6624G	115.55	Inf	-Inf	108.94	3	Horizontal	360	1.77	-	33.92	5.93	33.24
AV	5.6632G	102.86	Inf	-Inf	96.25	3	Horizontal	360	1.77	-	33.93	5.93	33.25
PK	5.7252G	66.69	68.20	-1.51	59.90	3	Horizontal	360	1.77	-	34.10	5.96	33.27

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

### 5670MHz\_TnomVnom

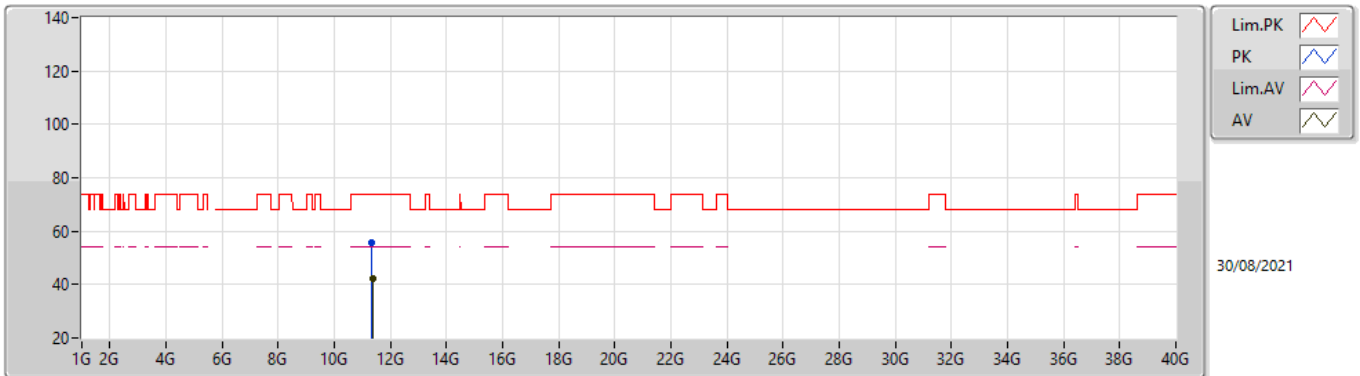


EUTY\_2TX  
Setting 23  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3291G	55.48	74.00	-18.52	41.62	3	Vertical	104	1.34	-	39.27	9.26	34.67
AV	11.3636G	42.22	54.00	-11.78	28.39	3	Vertical	104	1.34	-	39.24	9.28	34.69

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

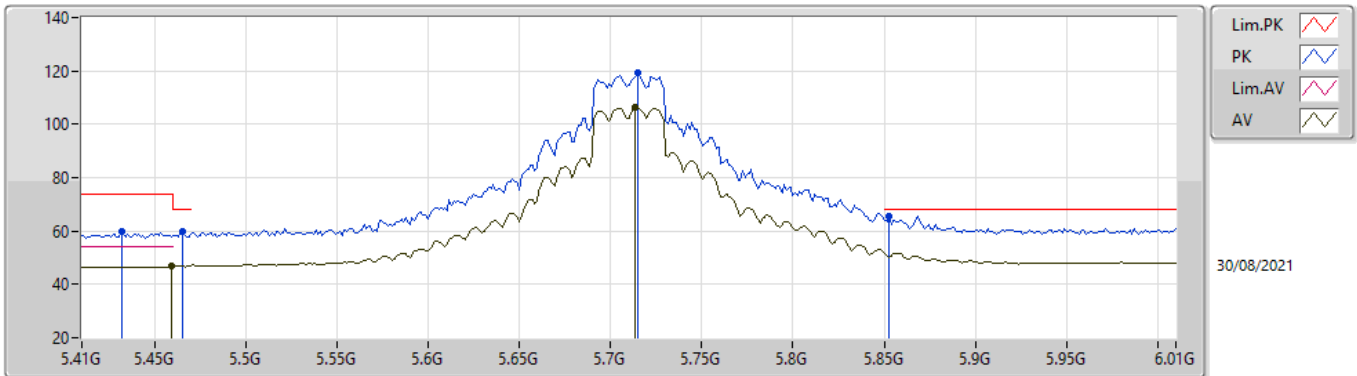
### 5670MHz\_TnomVnom



EUTY\_2TX  
Setting 23  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3307G	55.54	74.00	-18.46	41.68	3	Horizontal	285	2.87	-	39.27	9.27	34.68
AV	11.3642G	42.29	54.00	-11.71	28.46	3	Horizontal	285	2.87	-	39.24	9.28	34.69

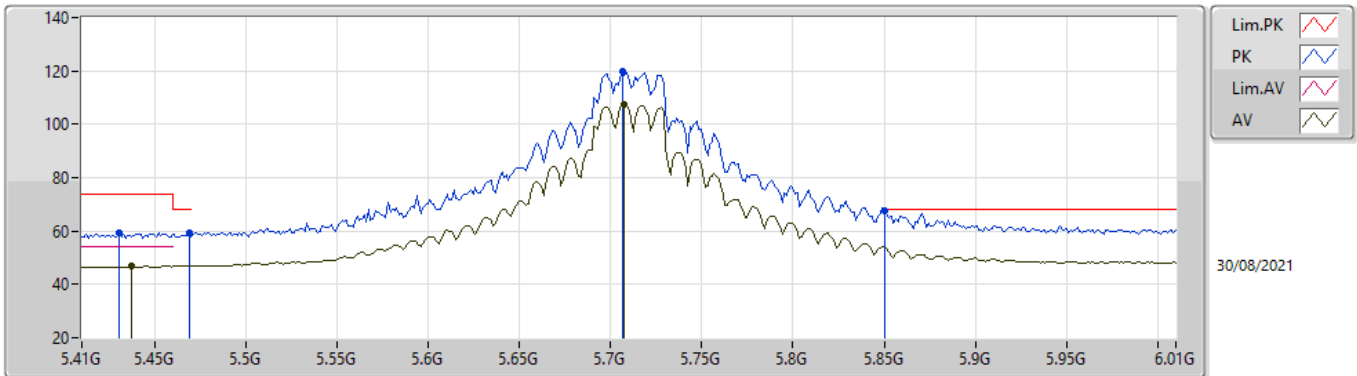
**802.11ax HEW40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUT\_V\_2TX  
 Setting 27.5  
 04-E-N-2-10

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	5.4316G	59.78	74.00	-14.22	53.61	3	Vertical	40	1.11	-	33.53	5.82	33.18
PK	5.4652G	59.77	68.20	-8.43	53.46	3	Vertical	40	1.11	-	33.66	5.83	33.18
AV	5.4592G	46.73	54.00	-7.27	40.44	3	Vertical	40	1.11	-	33.64	5.83	33.18
PK	5.7148G	119.17	Inf	-Inf	112.42	3	Vertical	40	1.11	-	34.06	5.96	33.27
AV	5.7136G	106.56	Inf	-Inf	99.82	3	Vertical	40	1.11	-	34.05	5.96	33.27
PK	5.8528G	65.73	68.20	-2.47	58.48	3	Vertical	40	1.11	-	34.52	6.05	33.32

**802.11ax HEW40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.47-5.725GHz\_TnomVnom**

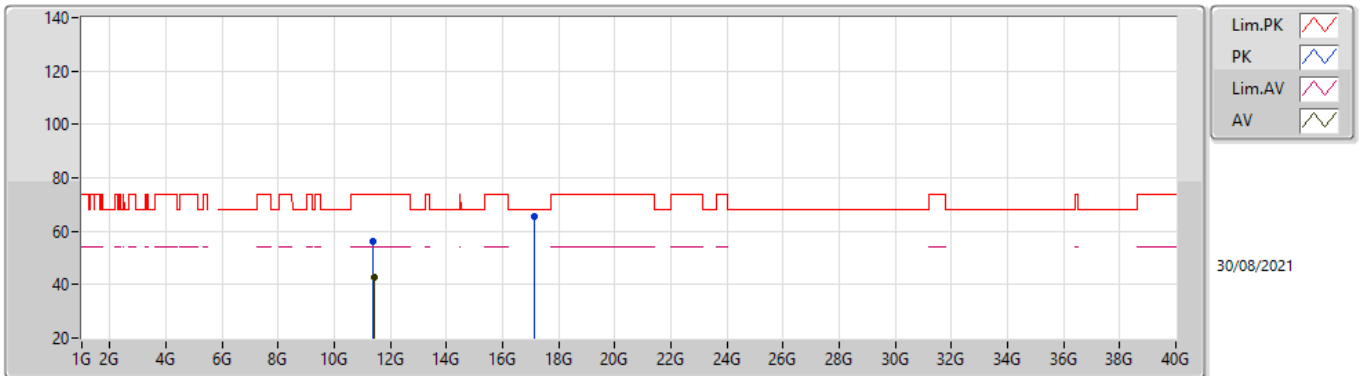


EUT V\_2TX  
 Setting 27.5  
 04-E-N-2-10

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	5.4304G	59.14	74.00	-14.86	52.98	3	Horizontal	0	1.77	-	33.52	5.82	33.18
AV	5.4376G	46.71	54.00	-7.29	40.52	3	Horizontal	0	1.77	-	33.55	5.82	33.18
PK	5.4688G	59.12	68.20	-9.08	52.79	3	Horizontal	0	1.77	-	33.68	5.83	33.18
PK	5.7064G	119.67	Inf	-Inf	112.95	3	Horizontal	0	1.77	-	34.03	5.95	33.26
AV	5.7076G	107.46	Inf	-Inf	100.74	3	Horizontal	0	1.77	-	34.03	5.95	33.26
PK	5.85G	67.75	68.20	-0.45	60.52	3	Horizontal	0	1.77	-	34.50	6.05	33.32



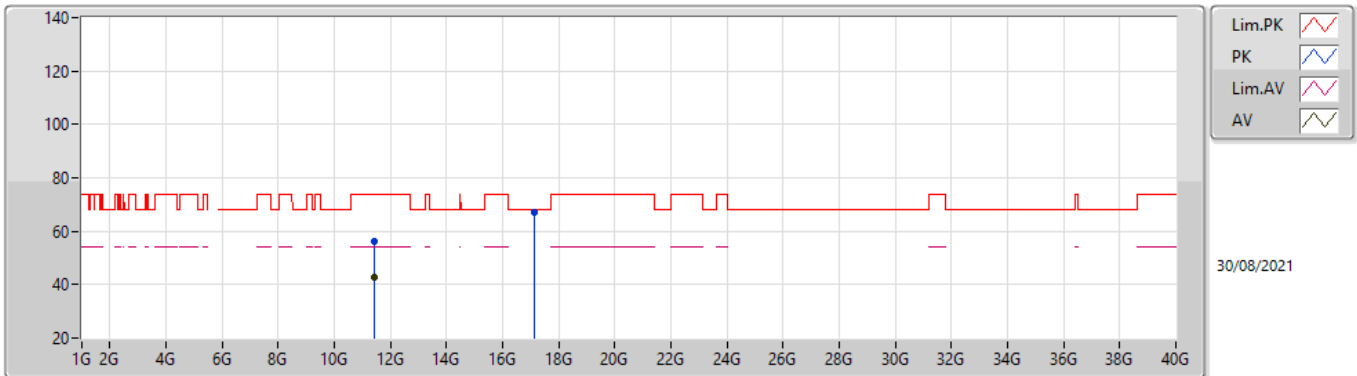
**802.11ax HEW40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.47-5.725GHz\_TnomVnom**



EUTY\_2TX  
 Setting 27.5  
 04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3982G	56.20	74.00	-17.80	42.41	3	Vertical	196	2.96	-	39.20	9.30	34.71
AV	11.4241G	43.01	54.00	-10.99	29.22	3	Vertical	196	2.96	-	39.20	9.31	34.72
PK	17.1121G	65.46	68.20	-2.74	46.13	3	Vertical	333	2.16	-	41.11	12.99	34.77

**802.11ax HEW40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.47-5.725GHz\_TnomVnom**

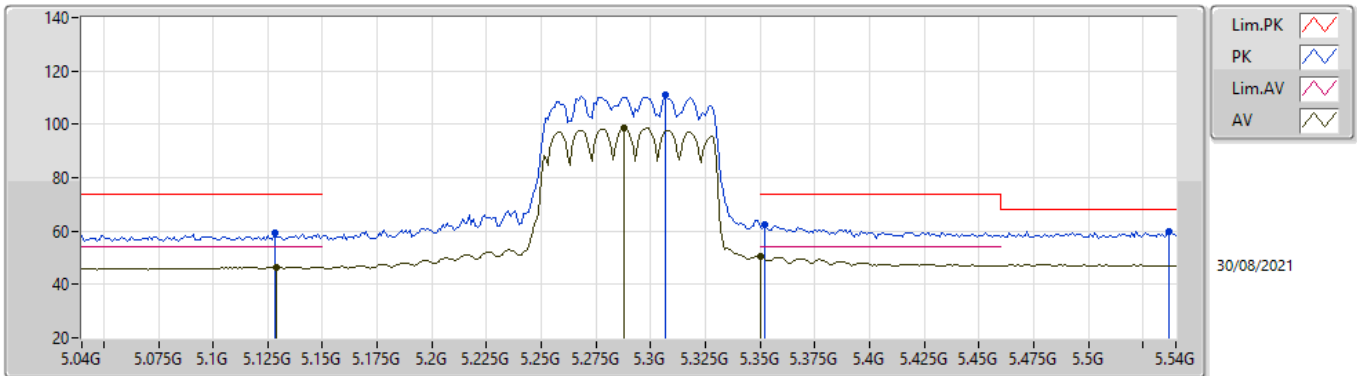


EUTY\_2TX  
 Setting 27.5  
 04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4262G	56.26	74.00	-17.74	42.47	3	Horizontal	137	2.16	-	39.20	9.31	34.72
AV	11.4161G	42.81	54.00	-11.19	29.02	3	Horizontal	137	2.16	-	39.20	9.31	34.72
PK	17.1173G	66.87	68.20	-1.33	47.52	3	Horizontal	44	2.60	-	41.12	12.99	34.76

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

### 5290MHz\_TnomVnom

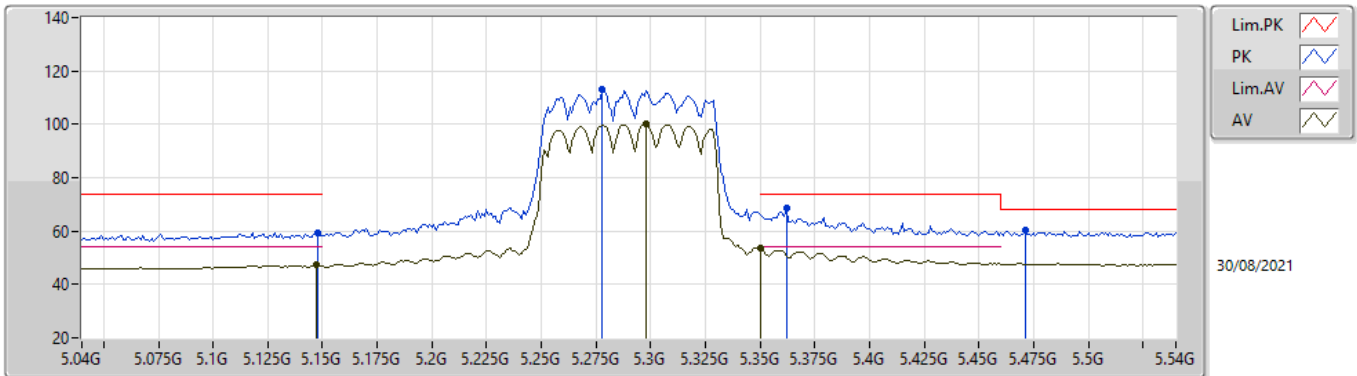


EUT\_V\_2TX  
Setting 21.5  
04-E-N-2-10

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	5.128G	59.22	74.00	-14.78	53.96	3	Vertical	58	2.13	-	32.80	5.63	33.17
AV	5.129G	46.52	54.00	-7.48	41.26	3	Vertical	58	2.13	-	32.80	5.63	33.17
PK	5.307G	110.87	Inf	-Inf	105.29	3	Vertical	58	2.13	-	33.00	5.75	33.17
AV	5.288G	98.76	Inf	-Inf	93.21	3	Vertical	58	2.13	-	32.98	5.74	33.17
PK	5.352G	62.43	74.00	-11.57	56.80	3	Vertical	58	2.13	-	33.02	5.78	33.17
AV	5.35G	50.52	54.00	-3.48	44.91	3	Vertical	58	2.13	-	33.00	5.78	33.17
PK	5.537G	59.89	68.20	-8.31	53.41	3	Vertical	58	2.13	-	33.80	5.87	33.19

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

### 5290MHz\_TnomVnom

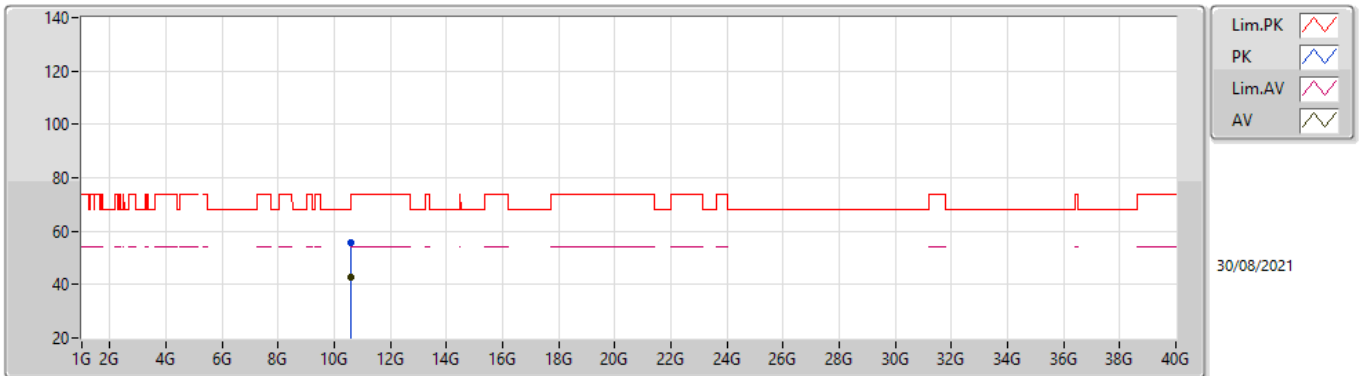


EUT\_V\_2TX  
Setting 21.5  
04-E-N-2-10

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	59.52	74.00	-14.48	54.24	3	Horizontal	351	1.80	-	32.80	5.65	33.17
AV	5.147G	47.16	54.00	-6.84	41.88	3	Horizontal	351	1.80	-	32.80	5.65	33.17
PK	5.278G	112.86	Inf	-Inf	107.33	3	Horizontal	351	1.80	-	32.96	5.74	33.17
AV	5.298G	100.05	Inf	-Inf	94.47	3	Horizontal	351	1.80	-	33.00	5.75	33.17
PK	5.362G	68.64	74.00	-5.36	62.93	3	Horizontal	351	1.80	-	33.10	5.78	33.17
AV	5.35G	53.64	54.00	-0.36	48.03	3	Horizontal	351	1.80	-	33.00	5.78	33.17
PK	5.471G	60.40	68.20	-7.80	54.06	3	Horizontal	351	1.80	-	33.68	5.84	33.18

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

### 5290MHz\_TnomVnom

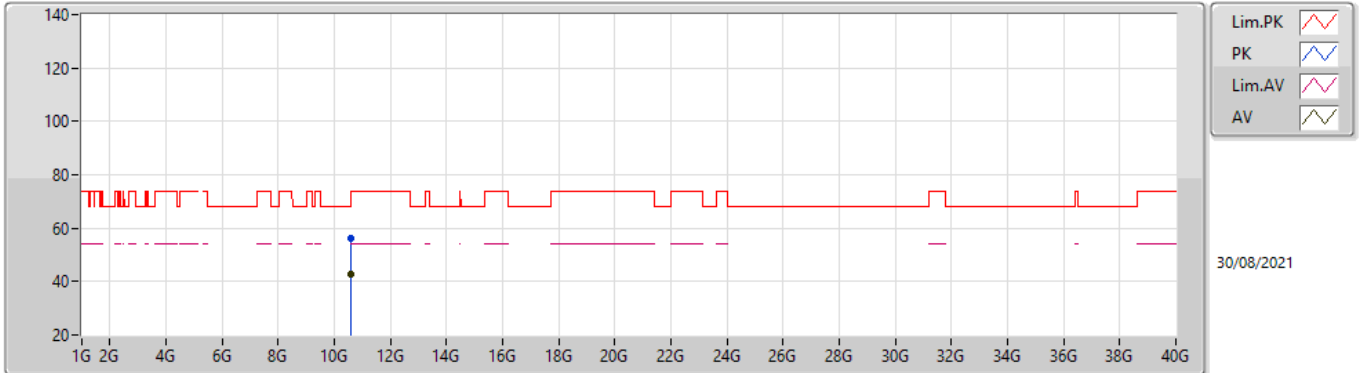


EUTY\_2TX  
Setting 21.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6066G	55.93	74.00	-18.07	42.12	3	Vertical	190	1.63	-	39.11	8.90	34.20
AV	10.6015G	42.84	54.00	-11.16	29.04	3	Vertical	190	1.63	-	39.10	8.90	34.20

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

#### 5290MHz\_TnomVnom

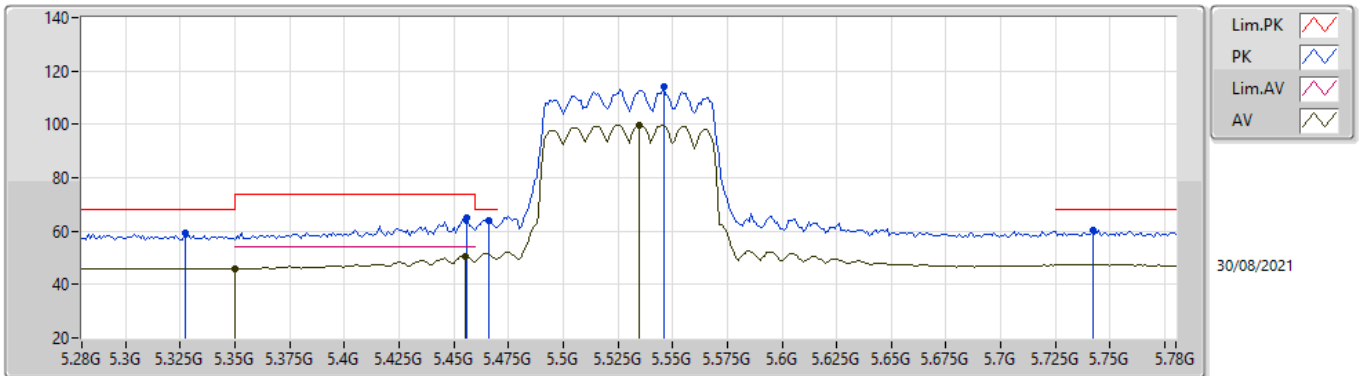


EUTY\_2TX  
Setting 21.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.60143G	56.01	74.00	-17.99	42.21	3	Horizontal	176	2.32	-	39.10	8.90	34.20
AV	10.60312G	42.69	54.00	-11.31	28.89	3	Horizontal	176	2.32	-	39.10	8.90	34.20

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

### 5530MHz\_TnomVnom

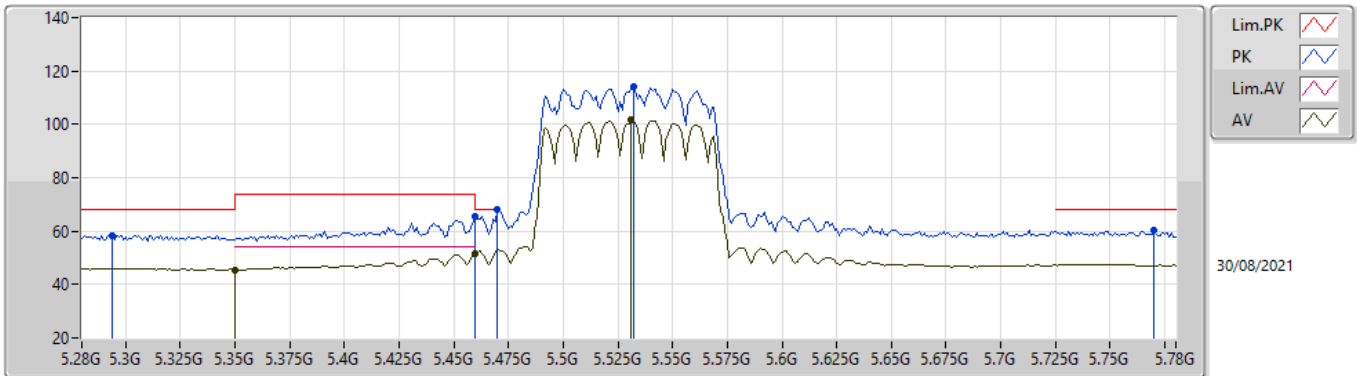


EUT V\_2TX  
Setting 20.5  
04-E-N-2-10

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	5.327G	59.10	68.20	-9.10	53.51	3	Vertical	339	2.98	-	33.00	5.76	33.17
AV	5.35G	45.74	54.00	-8.26	40.13	3	Vertical	339	2.98	-	33.00	5.78	33.17
PK	5.456G	64.81	74.00	-9.19	58.54	3	Vertical	339	2.98	-	33.62	5.83	33.18
AV	5.455G	50.77	54.00	-3.23	44.50	3	Vertical	339	2.98	-	33.62	5.83	33.18
PK	5.466G	64.12	68.20	-4.08	57.81	3	Vertical	339	2.98	-	33.66	5.83	33.18
PK	5.546G	114.03	Inf	-Inf	107.56	3	Vertical	339	2.98	-	33.80	5.87	33.20
AV	5.535G	99.83	Inf	-Inf	93.35	3	Vertical	339	2.98	-	33.80	5.87	33.19
PK	5.742G	60.42	68.20	-7.78	53.56	3	Vertical	339	2.98	-	34.17	5.97	33.28

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

### 5530MHz\_TnomVnom



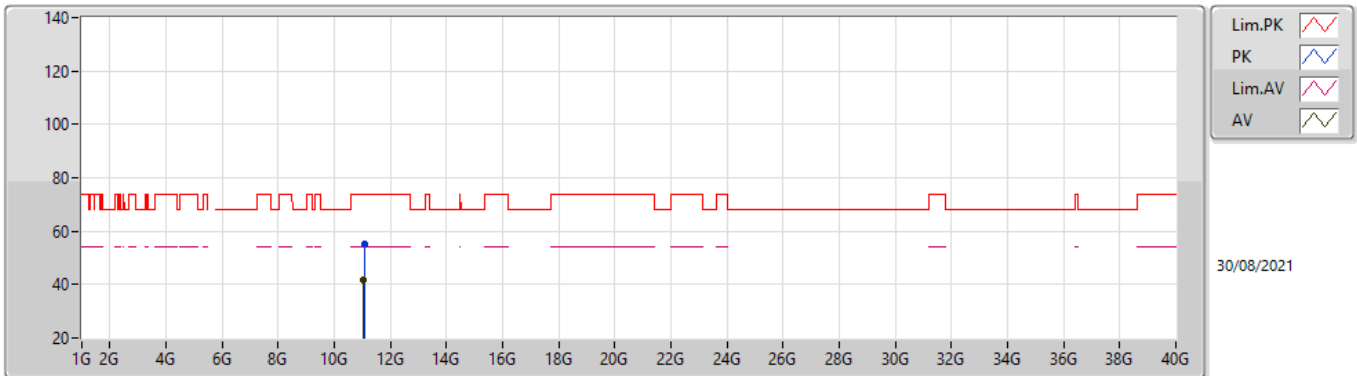
EUT\_V\_2TX  
Setting 20.5  
04-E-N-2-10

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	5.294G	58.38	68.20	-9.82	52.81	3	Horizontal	48	2.11	-	32.99	5.75	33.17
AV	5.35G	45.58	54.00	-8.42	39.97	3	Horizontal	48	2.11	-	33.00	5.78	33.17
PK	5.46G	65.63	74.00	-8.37	59.34	3	Horizontal	48	2.11	-	33.64	5.83	33.18
AV	5.46G	51.80	54.00	-2.20	45.51	3	Horizontal	48	2.11	-	33.64	5.83	33.18
PK	5.47G	68.03	68.20	-0.17	61.70	3	Horizontal	48	2.11	-	33.68	5.83	33.18
PK	5.532G	113.96	Inf	-Inf	107.48	3	Horizontal	48	2.11	-	33.80	5.87	33.19
AV	5.531G	101.63	Inf	-Inf	95.15	3	Horizontal	48	2.11	-	33.80	5.87	33.19
PK	5.77G	60.39	68.20	-7.81	53.49	3	Horizontal	48	2.11	-	34.20	5.99	33.29



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

### 5530MHz\_TnomVnom

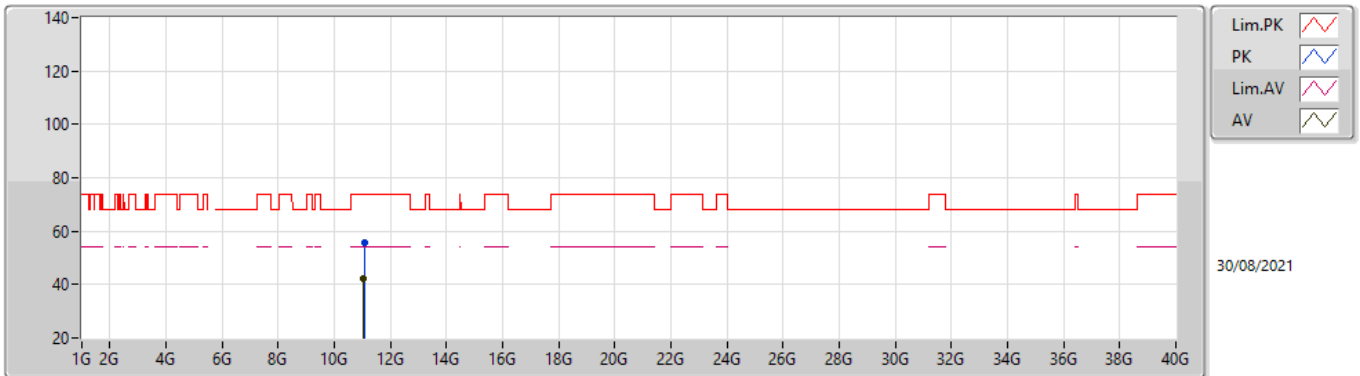


EUTY\_2TX  
Setting 20.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0603G	55.22	74.00	-18.78	41.43	3	Vertical	289	1.22	-	39.20	9.13	34.54
AV	11.0536G	41.94	54.00	-12.06	28.15	3	Vertical	289	1.22	-	39.20	9.13	34.54

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

### 5530MHz\_TnomVnom



EUTY\_2TX  
Setting 20.5  
04-E-N-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0637G	55.85	74.00	-18.15	42.06	3	Horizontal	180	1.80	-	39.20	9.13	34.54
AV	11.0507G	42.12	54.00	-11.88	28.33	3	Horizontal	180	1.80	-	39.20	9.13	34.54