

# FCC Radio Test Report

**FCC ID** : Z8H89FT0066  
**Equipment** : XV2-2T Outdoor Wi-Fi 6 Access point  
**Brand Name** : Cambium Networks  
**Model Name** : XV2-2T  
**Applicant** : Cambium Networks Inc.  
3800 Golf Road Suite 360 Rolling Meadows IL United States 60008  
**Manufacturer** : Lite-On Network Communication (Dongguan) Limited  
No.30 QingXi-Keji Road, QingXi Town, DongGuan City, Guangdong Province, P.R. China  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Apr. 09, 2021, and testing was started from Apr. 09, 2021 and completed on Aug. 03, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



## Table of Contents

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| <b>HISTORY OF THIS TEST REPORT .....</b>                             | <b>3</b>  |
| <b>SUMMARY OF TEST RESULT .....</b>                                  | <b>4</b>  |
| <b>1 GENERAL DESCRIPTION .....</b>                                   | <b>5</b>  |
| 1.1 Information.....                                                 | 5         |
| 1.2 Testing Applied Standards .....                                  | 8         |
| 1.3 Testing Location Information .....                               | 8         |
| 1.4 Measurement Uncertainty .....                                    | 9         |
| <b>2 TEST CONFIGURATION OF EUT.....</b>                              | <b>10</b> |
| 2.1 Test Channel Mode .....                                          | 10        |
| 2.2 The Worst Case Measurement Configuration .....                   | 13        |
| 2.3 Accessories .....                                                | 14        |
| 2.4 Support Equipment.....                                           | 14        |
| 2.5 Test Setup Diagram .....                                         | 15        |
| <b>3 TRANSMITTER TEST RESULT .....</b>                               | <b>19</b> |
| 3.1 AC Power-line Conducted Emissions .....                          | 19        |
| 3.2 Emission Bandwidth .....                                         | 21        |
| 3.3 Maximum Conducted Output Power .....                             | 22        |
| 3.4 Peak Power Spectral Density.....                                 | 24        |
| 3.5 Unwanted Emissions.....                                          | 26        |
| <b>4 TEST EQUIPMENT AND CALIBRATION DATA.....</b>                    | <b>30</b> |
| <b>APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS</b> |           |
| <b>APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH</b>                |           |
| <b>APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER</b>    |           |
| <b>APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY</b>       |           |
| <b>APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS</b>                |           |
| <b>APPENDIX F. TEST PHOTOS</b>                                       |           |
| <b>PHOTOGRAPHS OF EUT V01</b>                                        |           |



TEL : 886-3-3273456  
FAX : 886-3-3270973  
Report Template No.: HE1-D1 Ver4.2  
FCC ID: Z8H89FT0066

## Summary of Test Result

| Report Clause | Ref. Std. Clause | Test Items                        | Result (PASS/FAIL) | Remark |
|---------------|------------------|-----------------------------------|--------------------|--------|
| 1.1.2         | 15.203           | Antenna Requirement               | PASS               | -      |
| 3.1           | 15.207           | AC Power-line Conducted Emissions | PASS               | -      |
| 3.2           | 15.407(a)        | Emission Bandwidth                | PASS               | -      |
| 3.3           | 15.407(a)        | Maximum Conducted Output Power    | PASS               | -      |
| 3.4           | 15.407(a)        | Peak Power Spectral Density       | PASS               | -      |
| 3.5           | 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:**

None

**Reviewed by: Sam Tsai**

**Report Producer: Debby Hung**

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11                   | Ch. Frequency (MHz) | Channel Number |
|-----------------------|------------------------------------|---------------------|----------------|
| 5150-5250             | a, n (HT20), ac (VHT20), ax(HEW20) | 5180-5240           | 36-48 [4]      |
| 5725-5850             |                                    | 5745-5825           | 149-165 [5]    |
| 5150-5250             | n (HT40), ac (VHT40) , ax(HEW40)   | 5190-5230           | 38-46 [2]      |
| 5725-5850             |                                    | 5755-5795           | 151-159 [2]    |
| 5150-5250             | ac (VHT80) ,ax(HEW80)              | 5210                | 42 [1]         |
| 5725-5850             |                                    | 5775                | 155 [1]        |

#### <Non-Beamforming>

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20 | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80 | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 2TX  |

#### <Beamforming>

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.15-5.25GHz  | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80-BF | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80-BF | 80         | 2TX  |

**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, modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

| Ant. | Brand   | Model Name   | Antenna Type | Connector | Support |
|------|---------|--------------|--------------|-----------|---------|
| 1    | LYNwave | Snow Leopard | PIFA antenna | I-PEX     | 2.4G    |
| 2    | LYNwave | Snow Leopard | PIFA antenna | I-PEX     | 2.4G    |
| 3    | LYNwave | Snow Leopard | PIFA antenna | I-PEX     | 5G      |
| 4    | LYNwave | Snow Leopard | PIFA antenna | I-PEX     | 5G      |
| 5    | LYNwave | Snow Leopard | PIFA antenna | I-PEX     | BT      |

| Ant. | Port | Gain (dBi) |         |          |          |         |     |
|------|------|------------|---------|----------|----------|---------|-----|
|      |      | 2.4G       | 5G      |          |          |         | BT  |
|      |      |            | U-NII-1 | U-NII-2A | U-NII-2C | U-NII-3 |     |
| 1    | 1    | 5.2        | -       | -        | -        | -       | -   |
| 2    | 2    | 5.3        | -       | -        | -        | -       | -   |
| 3    | 1    | -          | 8.1     | 8.1      | 9.3      | 9.0     | -   |
| 4    | 2    | -          | 8.6     | 8.6      | 8.9      | 8.6     | -   |
| 5    | 1    | -          | -       | -        | -        | -       | 5.6 |

Note 1: The EUT has five antennas.

| Ant. | Port | Elevation angle above 30 degrees Gain (dBi) |
|------|------|---------------------------------------------|
| 3    | 1    | -2.7                                        |
| 4    | 2    | -3.1                                        |

**For 2.4GHz function:**

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

**For BT function:**

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 5 (port 1) could transmit/receive.

**For 5GHz function:**

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

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

### 1.1.3 Table for Explanation of Flash and 2nd Source

| Object/part            | Main source (Sku 1)                   | 2nd source (Sku 2)                 |
|------------------------|---------------------------------------|------------------------------------|
| Description (location) |                                       |                                    |
| MOSFET (QB5)           | Brand: Fairchild<br>Model: FET N 150V | Brand: APEC<br>Model : FET N 150V  |
| MOSFET (QB10,QB13)     | Brand: Fairchild<br>Model: FET N 100V | Brand : APEC<br>Model : FET N 100V |
| MOSFET (QB7)           | Brand:TI<br>Model: FET N 60V          | Brand : APEC<br>Model : FET N 60V  |
| FLASH MEMORY (U5)      | FLASH MEMORY : 2G bit                 | FLASH MEMORY :2G bit               |
|                        | Flash Brand: MICRON                   | Flash Brand: MXIC                  |
|                        | Flash Model: Nand flash               | Flash Model: Nand flash            |

From the above Skus, Main source (Sku 1) was selected as representative model for the test and its data was recorded in this report.

### 1.1.4 EUT Information

| Operational Condition               |                                                                               |                                                    |  |
|-------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------|--|
| <b>EUT Power Type</b>               | From PoE                                                                      |                                                    |  |
| <b>EUT Function</b>                 | <input checked="" type="checkbox"/> Outdoor AP                                | <input type="checkbox"/> Indoor AP                 |  |
|                                     | <input type="checkbox"/> Fixed P2P AP                                         | <input checked="" type="checkbox"/> Outdoor Client |  |
| <b>Beamforming Function</b>         | <input checked="" type="checkbox"/> With beamforming                          | <input type="checkbox"/> Without beamforming       |  |
| Type of EUT                         |                                                                               |                                                    |  |
| <input type="checkbox"/>            | Stand-alone                                                                   |                                                    |  |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                                                    |  |
|                                     | Combined Equipment - Brand Name / Model No.: ...                              |                                                    |  |
| <input checked="" type="checkbox"/> | Plug-in radio (EUT intended for a variety of host systems)                    |                                                    |  |
|                                     | Host System - Brand Name: Cambium Networks / Model No.: XV2-2T                |                                                    |  |
| <input type="checkbox"/>            | Other:                                                                        |                                                    |  |

### 1.1.5 Mode Test Duty Cycle

#### <Non-Beamforming>

| Mode                           | DC    | DCF(dB) | T(s)   | VBW(Hz) $\geq 1/T$ |
|--------------------------------|-------|---------|--------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.921 | 0.36    | 1.433m | 1k                 |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 0.959 | 0.18    | 5.446m | 300                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 0.941 | 0.26    | 5.446m | 300                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.954 | 0.2     | 5.446m | 300                |

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**<Beamforming>**

| Mode                              | DC    | DCF(dB) | T(s)     | VBW(Hz) ≥ 1/T |
|-----------------------------------|-------|---------|----------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 0.954 | 0.2     | 1.895m   | 1k            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 0.41  | 3.87    | 1.484m   | 1k            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 0.236 | 6.27    | 840.625u | 3k            |

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

## 1.2 Testing Applied 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
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

| Test Lab. : Sporton International Inc. Hsinhua Laboratory       |                                                                                         |               |                      |                                        |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------|----------------------|----------------------------------------|
| <input checked="" type="checkbox"/> Hsinhua<br>(TAF: 3785)      | ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)          |               |                      |                                        |
|                                                                 | TEL: 886-3-327-3456                                                                     |               | FAX: 886-3-327-0973  |                                        |
| Test site Designation No. TW3785 with FCC.                      |                                                                                         |               |                      |                                        |
| Test Condition                                                  | Test Site No.                                                                           | Test Engineer | Test Environment     | Test Date                              |
| AC Conduction                                                   | CO04-HY                                                                                 | Billy Wang    | 21.6~22.4°C / 59~60% | 24/Jun/2021                            |
| RF Conducted<br><Master mode>                                   | TH07-HY                                                                                 | Alan Chien    | 20.1~26.9°C / 50~60% | 09/Apr/2021~08/Jun/2021                |
| RF Conducted<br><Client mode>                                   | TH07-HY                                                                                 | Alan Chien    | 21~27°C / 51~60%     | 09/Apr/2021~08/Jun/2021<br>03/Aug/2021 |
| <input checked="" type="checkbox"/> Wen 33rd.St.<br>(TAF: 3785) | ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) |               |                      |                                        |
|                                                                 | TEL: 886-3-318-0787                                                                     |               | FAX: 886-3-318-0287  |                                        |
| Test site Designation No. TW0008 with FCC.                      |                                                                                         |               |                      |                                        |
| Test Condition                                                  | Test Site No.                                                                           | Test Engineer | Test Environment     | Test Date                              |
| Radiated                                                        | 03CH09-HY                                                                               | Daniel Hsu    | 21.5~24.3°C / 42~60% | 12/Apr/2021~23/Jun/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                   |
|--------------------------------------|-------------|--------------------------|
| Conducted Emission (150kHz ~ 30MHz)  | 0.9 dB      | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz)     | 2.4 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 3.7 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 3.6 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 3.5 dB      | Confidence levels of 95% |
| Conducted Emission                   | 1.0 dB      | Confidence levels of 95% |
| Temperature                          | 0.41 °C     | Confidence levels of 95% |
| Humidity                             | 3.4 %       | Confidence levels of 95% |

## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

<Non-Beamforming><Master mode>

|                       |                              |
|-----------------------|------------------------------|
| Test Software Version | QDART-Connectivity 1.0-00077 |
|-----------------------|------------------------------|

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -             |
| 5180MHz                        | 20.5          |
| 5200MHz                        | 21            |
| 5240MHz                        | 21            |
| 5745MHz                        | 23            |
| 5785MHz                        | 23.5          |
| 5825MHz                        | 24.5          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -             |
| 5180MHz                        | 21            |
| 5200MHz                        | 21.5          |
| 5240MHz                        | 21.5          |
| 5745MHz                        | 23.5          |
| 5785MHz                        | 24            |
| 5825MHz                        | 25            |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -             |
| 5190MHz                        | 21            |
| 5230MHz                        | 21            |
| 5755MHz                        | 23            |
| 5795MHz                        | 23.5          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -             |
| 5210MHz                        | 20.5          |
| 5775MHz                        | 23.5          |

**<Beamforming><Master mode>**

|                              |        |
|------------------------------|--------|
| <b>Test Software Version</b> | Dos6.1 |
|------------------------------|--------|

| <b>Mode</b>                       | <b>Power Setting</b> |
|-----------------------------------|----------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -                    |
| 5180MHz                           | 19                   |
| 5200MHz                           | 19                   |
| 5240MHz                           | 18                   |
| 5745MHz                           | 24                   |
| 5785MHz                           | 24                   |
| 5825MHz                           | 24                   |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -                    |
| 5190MHz                           | 19                   |
| 5230MHz                           | 20                   |
| 5755MHz                           | 24                   |
| 5795MHz                           | 24                   |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -                    |
| 5210MHz                           | 20                   |
| 5775MHz                           | 24                   |

**<Non-Beamforming><Client mode>**

|                              |                              |
|------------------------------|------------------------------|
| <b>Test Software Version</b> | QDART-Connectivity 1.0-00077 |
|------------------------------|------------------------------|

| <b>Mode</b>                    | <b>Power Setting</b> |
|--------------------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -                    |
| 5180MHz                        | 15                   |
| 5200MHz                        | 15                   |
| 5240MHz                        | 15.5                 |
| 5745MHz                        | 23                   |
| 5785MHz                        | 23.5                 |
| 5825MHz                        | 24.5                 |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -                    |
| 5180MHz                        | 16                   |
| 5200MHz                        | 16                   |
| 5240MHz                        | 17                   |
| 5745MHz                        | 23.5                 |
| 5785MHz                        | 24                   |
| 5825MHz                        | 25                   |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -                    |
| 5190MHz                        | 18                   |
| 5230MHz                        | 18.5                 |
| 5755MHz                        | 23                   |
| 5795MHz                        | 23.5                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -                    |
| 5210MHz                        | 18.5                 |
| 5775MHz                        | 23.5                 |

## 2.2 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests |                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | AC power-line conducted emissions                                                       |
| <b>Condition</b>                                    | AC power-line conducted measurement for line and neutral<br>Test Voltage: 120Vac / 60Hz |
| <b>Operating Mode</b>                               | CTX                                                                                     |
| 1                                                   | PoE Mode                                                                                |

| The Worst Case Mode for Following Conformance Tests |                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Emission Bandwidth<br>Maximum Conducted Output Power<br>Peak 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<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| <b>Operating Mode &lt; 1GHz</b>                     | CTX                                                                                                                                                                                                                                                 |
| 1                                                   | PoE Mode                                                                                                                                                                                                                                            |
| <b>Operating Mode &gt; 1GHz</b>                     | CTX                                                                                                                                                                                                                                                 |
| <b>Orthogonal Planes of EUT</b>                     | <b>Y Plane</b>                                                                                                                                                                                                                                      |
|                                                     |                                                                                                                                                                 |
| <b>Worst Planes of EUT</b>                          | V                                                                                                                                                                                                                                                   |

| The Worst Case Mode for Following Conformance Tests                                 |                                    |
|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Tests Item</b>                                                                   | Simultaneous Transmission Analysis |
| <b>Operating Mode</b>                                                               | CTX                                |
| 1                                                                                   | Bluetooth+WLAN 2.4GHz+WLAN 5GHz    |
| Refer to Sporton Test Report No.: FA142329 for Co-location RF Exposure Evaluation . |                                    |

## 2.3 Accessories

| Accessories |            |   |            |   |
|-------------|------------|---|------------|---|
| Mount kit   | Brand Name | - | Model Name | - |

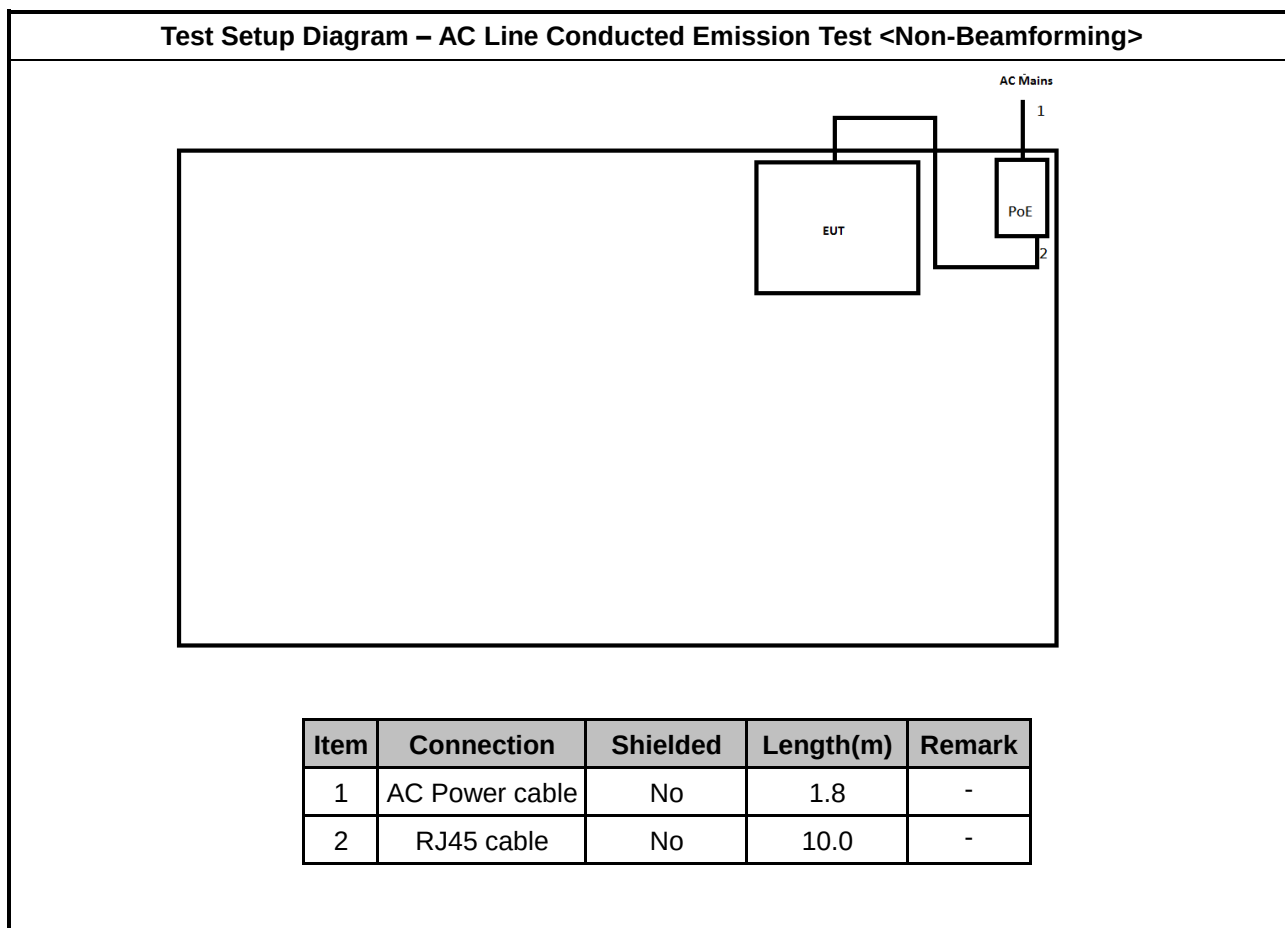
Reminder: Regarding to more detail and other information, please refer to user manual.

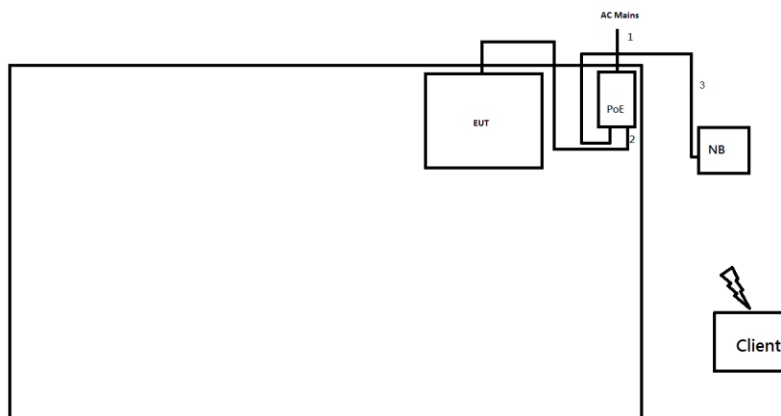
## 2.4 Support Equipment

| Support Equipment – Conducted |                |            |            |        |        |
|-------------------------------|----------------|------------|------------|--------|--------|
| No.                           | Equipment      | Brand Name | Model Name | FCC ID | Remark |
| 1                             | Notebook       | DELL       | E5410      | -      | -      |
| 2                             | Adapter for NB | DELL       | HA65NM130  | -      | -      |

| Support Equipment –AC Conduction and Radiated |           |            |            |        |                               |
|-----------------------------------------------|-----------|------------|------------|--------|-------------------------------|
| No.                                           | Equipment | Brand Name | Model Name | FCC ID | Remark                        |
| 1                                             | Client    | -          | -          | -      | Provided by Customer / remote |
| 2                                             | Notebook  | HP         | E5520      | -      | remote                        |

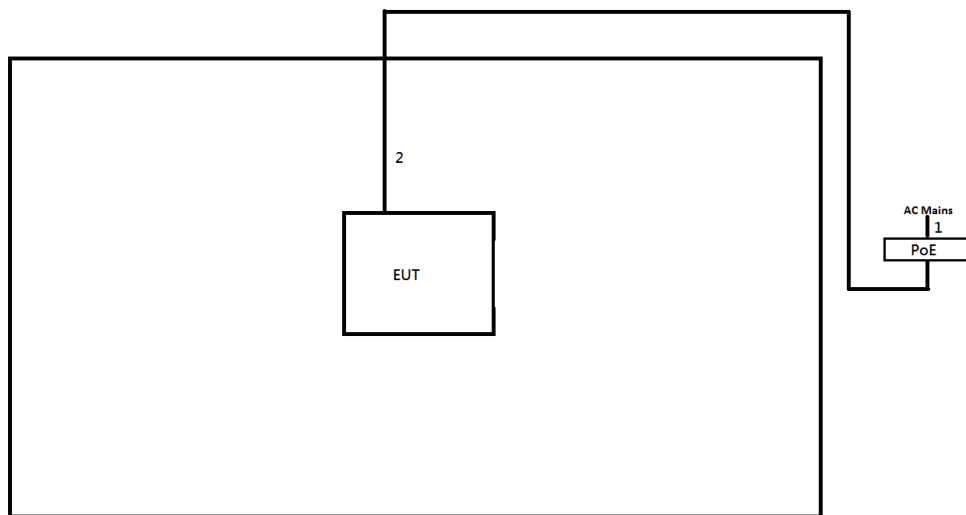
## 2.5 Test Setup Diagram



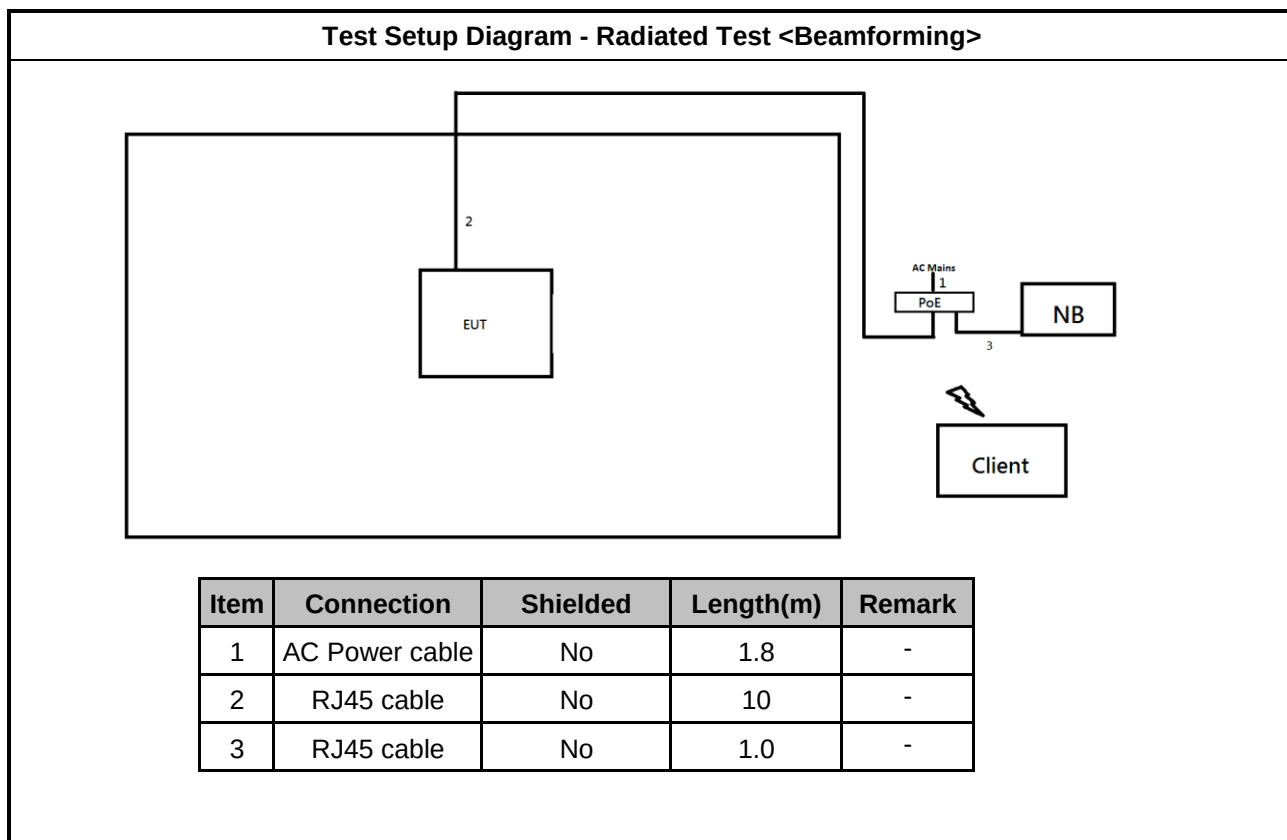
**Test Setup Diagram – AC Line Conducted Emission Test <Beamforming>**


| Item | Connection     | Shielded | Length(m) | Remark |
|------|----------------|----------|-----------|--------|
| 1    | AC Power cable | No       | 1.8       | -      |
| 2    | RJ45 cable     | No       | 1.0       | -      |
| 3    | RJ45 cable     | No       | 10.0      | -      |

**Test Setup Diagram - Radiated Test <Non-Beamforming>**



| Item | Connection     | Shielded | Length(m) | Remark |
|------|----------------|----------|-----------|--------|
| 1    | AC Power cable | No       | 1.8       | -      |
| 2    | RJ45 cable     | No       | 10        | -      |



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

| AC Power-line Conducted Emissions Limit                  |            |           |
|----------------------------------------------------------|------------|-----------|
| Frequency Emission (MHz)                                 | Quasi-Peak | Average   |
| 0.15-0.5                                                 | 66 - 56 *  | 56 - 46 * |
| 0.5-5                                                    | 56         | 46        |
| 5-30                                                     | 60         | 50        |
| Note 1: * Decreases with the logarithm of the frequency. |            |           |

##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

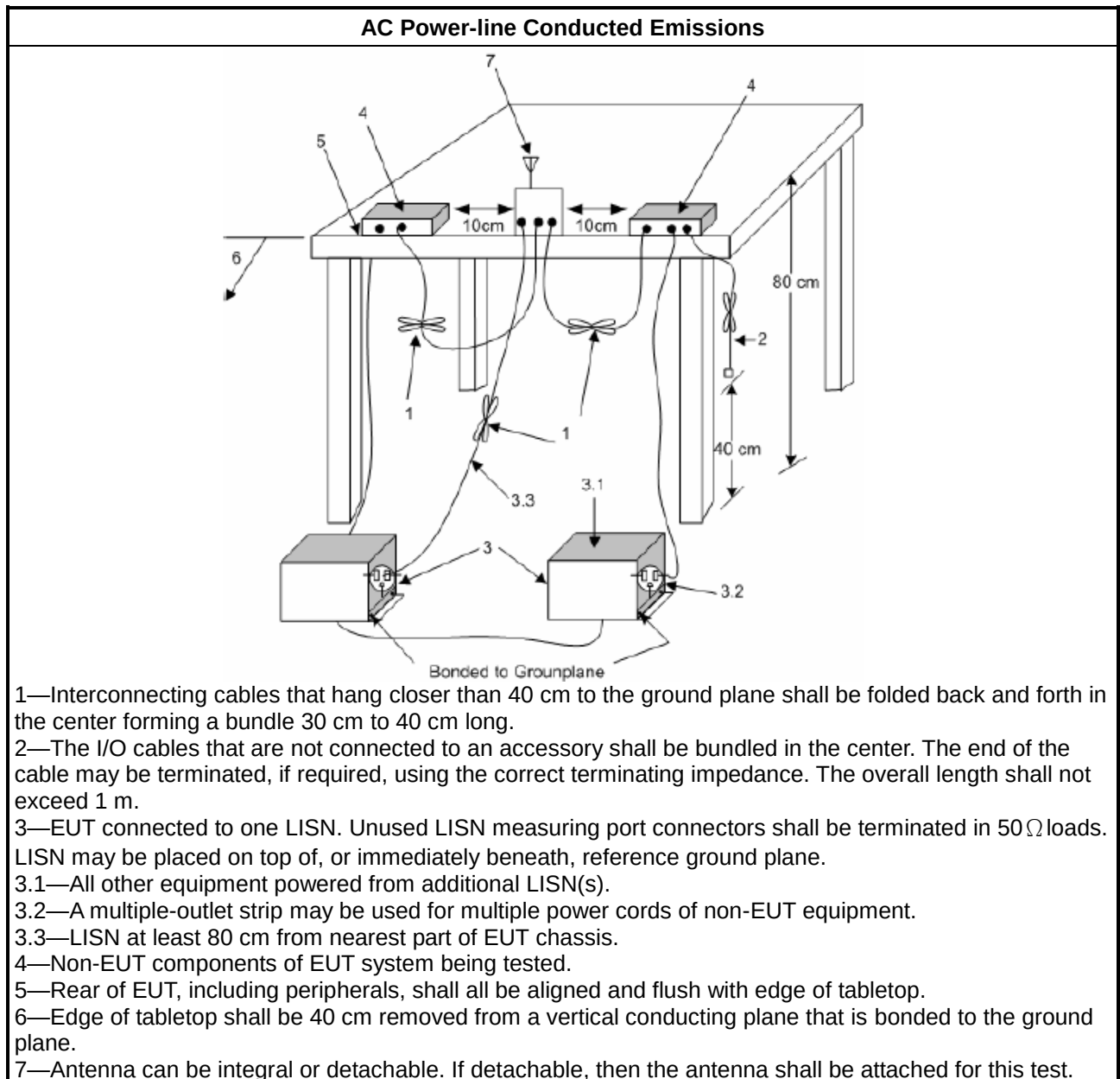
| Test Method                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause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

##### 3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

### 3.1.5 Test Setup



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

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit            |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| <b>UNII Devices</b>                 |                                                                     |
| <input checked="" type="checkbox"/> | For the 5.15-5.25 GHz band, N/A                                     |
| <input type="checkbox"/>            | For the 5.25-5.35 GHz band, N/A                                     |
| <input type="checkbox"/>            | For the 5.47-5.725 GHz band, N/A                                    |
| <input checked="" type="checkbox"/> | For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz. |

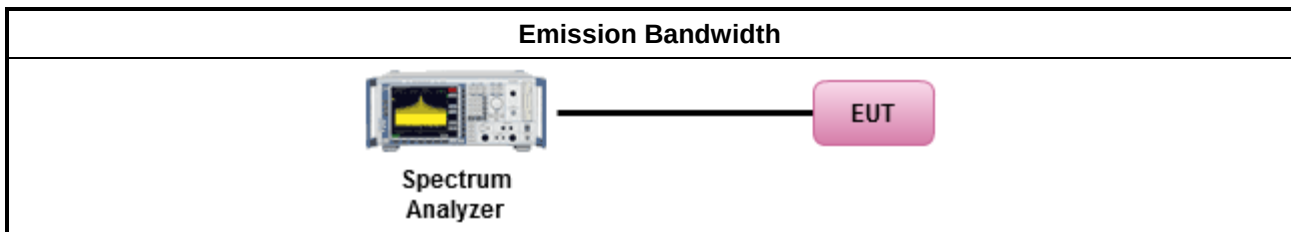
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

| Test Method                                                                                                                    |                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>For the emission bandwidth shall be measured using one of the options below:</li> </ul> |                                                                         |
| <input checked="" type="checkbox"/>                                                                                            | Refer as KDB 789033, clause C for EBW and clause D for OBW measurement. |
| <input type="checkbox"/>                                                                                                       | Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.      |
| <input type="checkbox"/>                                                                                                       | Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.                  |

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> <li>Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul> |
| <input 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 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/>                                                                                                   | For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/>                                                                                                   | <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,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

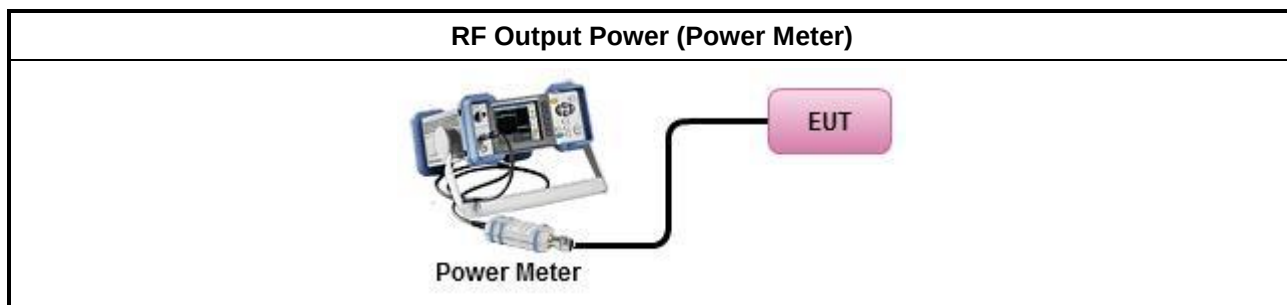
### 3.3.2 Measuring Instruments

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>Maximum Conducted Output Power</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                  | Duty cycle $\geq 98\%$                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/>                                                         | Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                              |
|                                                                                  | Duty cycle $< 98\%$                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/>                                                         | Refer as 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 KDB 789033, clause E Method PM (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:<br/>Refer as 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:<br/> <math>P_{\text{total}} = P_1 + P_2 + \dots + P_n</math><br/> (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}</math> </li> </ul>                      |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

| Peak Power Spectral Density 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 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> </ul>            |
|                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <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> </ul>             |
|                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <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> </ul>   |
|                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <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 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 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> </ul> |
|                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>                                                                                     |
| <b>PPSD</b> = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz<br><b>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                             |

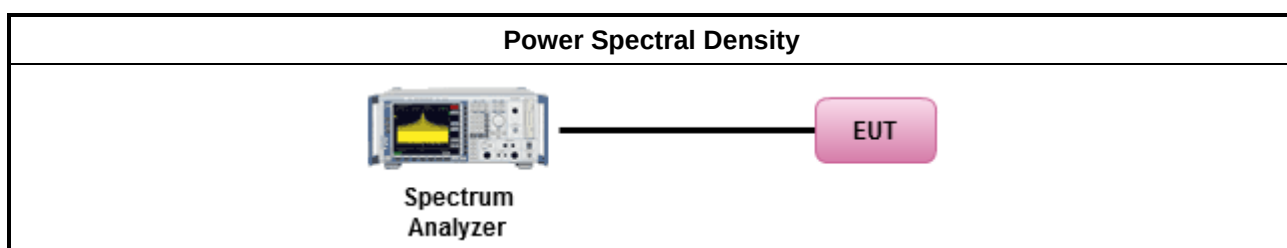
### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

| 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 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% |
| <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Duty cycle < 98% |
| <input checked="" type="checkbox"/> Refer as 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
| <ul style="list-style-type: none"> <li>Measure and sum the spectra across the outputs. Refer as 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.</li> </ul> |                  |
| <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br/> <math display="block">PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>           (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math display="block">EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>                                                                                                                                                                                                                                                                                                                                            |                  |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

| Un-restricted band emissions above 1GHz Limit |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Band                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5.15 - 5.25 GHz                               | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5.25 - 5.35 GHz                               | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5.47 - 5.725 GHz                              | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5.725 - 5.85 GHz                              | 5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m]<br>5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m]<br>5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m]<br>5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m]<br>5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m]<br>5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m]<br>Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |

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).

### 3.5.2 Measuring Instruments

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

### 3.5.3 Test Procedures

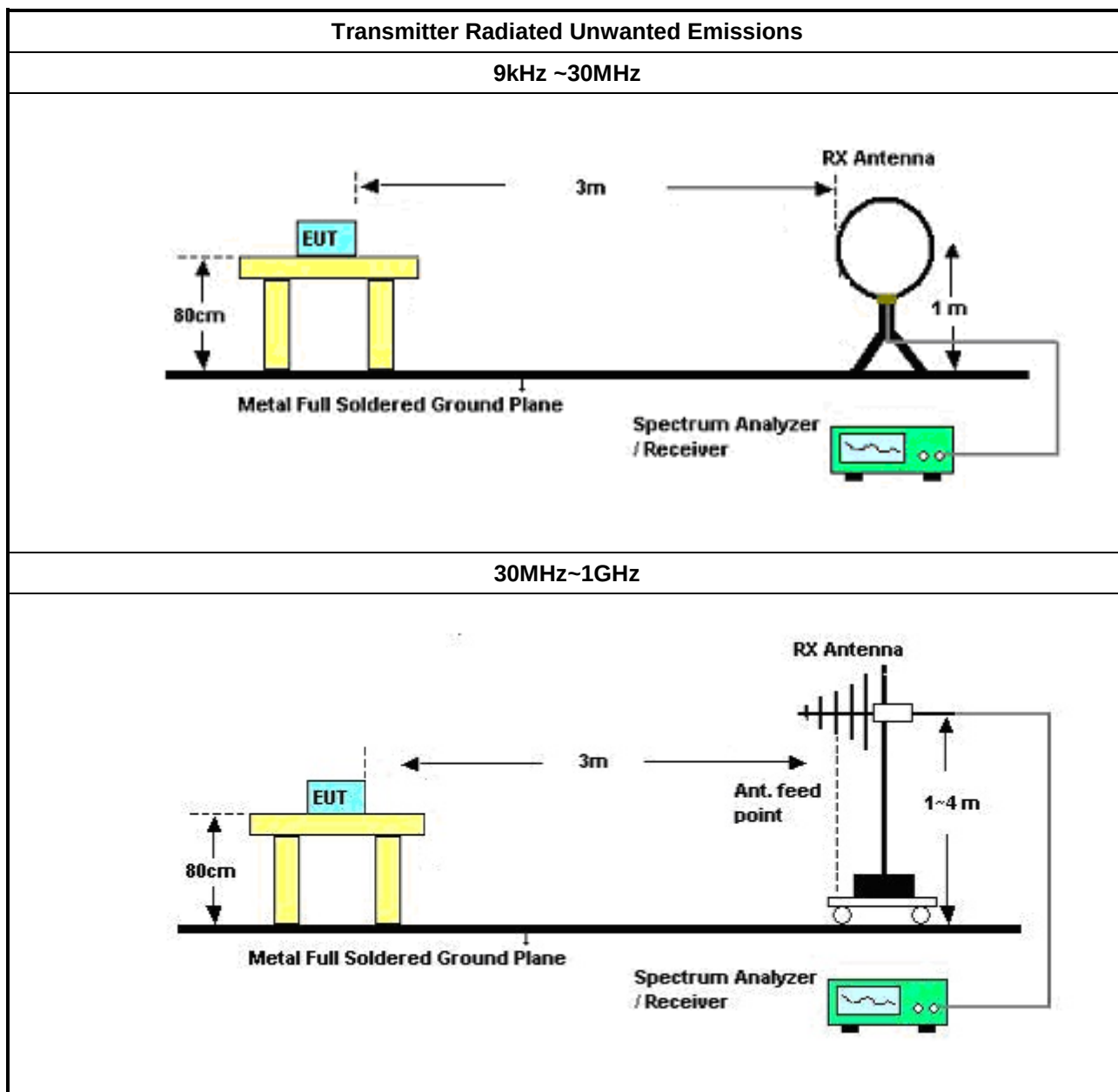
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</li> </ul> |                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle <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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>                                                                                                                      |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.                                                                                                                                                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Refer as KDB 789033, clause G)5) (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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"> <li>Use the following spectrum analyzer settings:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Set RBW=100 kHz for <math>f &lt; 1</math> GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.</li> </ul>                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Set RBW = 1 MHz, VBW= 3MHz for <math>f \geq 1</math> GHz for peak measurement.<br/>For average measurement, refer as 1.1.4.</li> </ul>                                                                         |
| <ul style="list-style-type: none"> <li>KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.</li> </ul>                                                                  |

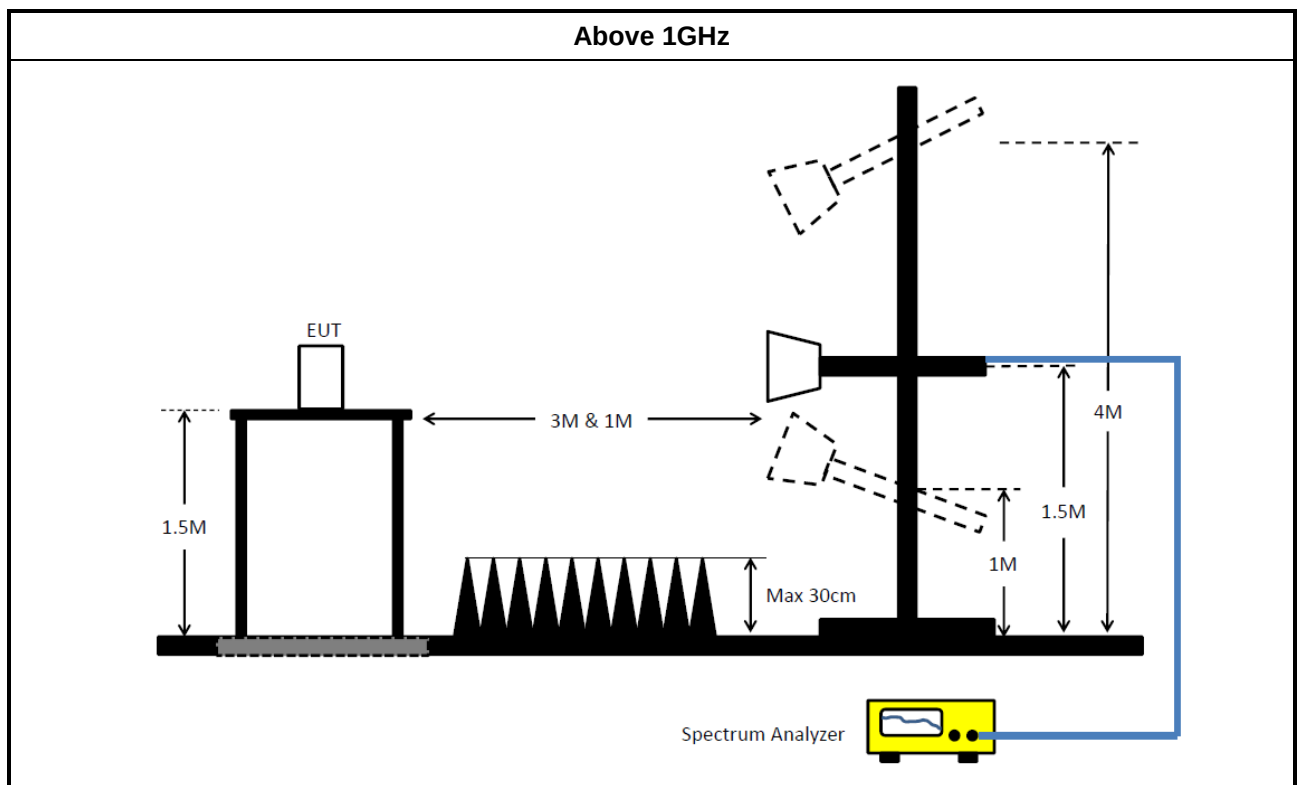
### 3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

### 3.5.5 Test Setup





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

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

| Instrument                     | Manufacturer /Brand | Model No.   | Serial No.    | Spec.         | Calibration Date | Calibration Due Date |
|--------------------------------|---------------------|-------------|---------------|---------------|------------------|----------------------|
| EMI Test Receiver              | R&S                 | ESR         | 102052        | 9kHz ~ 3.6GHz | 19/Apr/2021      | 18/Apr/2022          |
| LISN                           | R&S                 | ENV216      | 101295        | 9kHz ~ 30MHz  | 11/Nov/2020      | 10/Nov/2021          |
| RF Cable 5m                    | TITAN               | TITAN       | CO04-cable-01 | 0.1MHz~200MHz | 03/Mar/2021      | 02/Mar/2022          |
| Impuls Begrenzer Pulse Limiter | SCHWARZBECK         | VTSD 9561-F | 9561-F041     | 9kHz ~ 30MHz  | 21/Sep/2020      | 20/Sep/2021          |

### Instrument for Conducted Test

| Instrument               | Manufacturer /Brand | Model No. | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|--------------------------|---------------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer          | R&S                 | FSV 40    | 101515     | 10Hz~40GHz   | 26/Mar/2021      | 25/Mar/2022          |
| SMB100A Signal Generator | R&S                 | SMB100A03 | 181147     | 100kHz~40GHz | 20/Oct/2020      | 19/Oct/2021          |
| Pulse Sensor             | Anritsu             | MA2411B   | 1339407    | 300MHz~40GHz | 27/Nov/2020      | 26/Nov/2021          |
| Power Meter              | Anritsu             | ML2495A   | 1517010    | 300MHz~40GHz | 27/Nov/2020      | 26/Nov/2021          |

**Instrument for Radiated Test**

| Instrument                       | Manufacturer /Brand | Model No.               | Serial No.                                     | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|-------------------------|------------------------------------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M                  | 03CH09-HY                                      | 30MHz~1GHz<br>3m | 26/Mar/2021      | 25/Mar/2022          |
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M                  | 03CH09-HY                                      | 1GHz~18GHz<br>3m | 18/Mar/2021      | 17/Mar/2022          |
| EXA Signal Analyzer              | KEYSIGHT            | N9010A                  | MY54200885                                     | 10Hz~44GHz       | 11/Aug/2020      | 10/Aug/2021          |
| Amplifier                        | EMC                 | EMC9135                 | 980232                                         | 9kHz~1GHz        | 12/Apr/2021      | 11/Apr/2022          |
| Microwave Preamplifier           | Agilent             | 8449B                   | 3008A02096                                     | 1GHz~26.5GHz     | 24/Jul/2020      | 23/Jul/2021          |
| Bilog Antenna & 5dB Attenuator   | TESEQ & MTJ         | CBL6111D&MTJ<br>6102-05 | 35418 & 3                                      | 30MHz~1GHz       | 06/Sep/2020      | 05/Sep/2021          |
| Double Ridged Guide Horn Antenna | SCHWARZBEC<br>K     | BBHA 9120 D             | BBHA9120 D<br>1534                             | 1GHz~18GHz       | 28/May/2020      | 27/May/2021          |
| Double Ridged Guide Horn Antenna | COM-POWER           | AH-118                  | 071028                                         | 1GHz~18GHz       | 09/Jun/2020      | 08/Jun/2021          |
| RF Cable-low                     | Jye Bao             | RG142                   | CB031+324530/<br>4                             | 9kHz~30MHz       | 03/Sep/2020      | 02/Sep/2021          |
| RF Cable-low                     | Jye Bao             | RG142                   | CB031+324530/<br>4                             | 30MHz~1GHz       | 09/Feb/2021      | 08/Feb/2022          |
| RF CABLE<br>5m+3m+1m             | HUBER+SUHN<br>ER    | SUCOFLEX104             | SN MY25918/4+<br>SN MY39478/4<br>+ SN 324530/4 | 1GHz~40GHz       | 15/Aug/2020      | 14/Aug/2021          |
| Broadband Horn Antenna           | SCHWARZBEC<br>K     | BBHA 9170               | BBHA 9170221                                   | 18GHz~40GHz      | 11/Mar/2021      | 10/Mar/2022          |
| Microwave Preamplifier           | EMC<br>INSTRUMENTS  | EM18G40G                | 060604                                         | 18GHz ~ 40GHz    | 09/Mar/2021      | 08/Mar/2022          |
| Preamplifier                     | MITEQ               | TTA1840-35-HG           | 1864481                                        | 18GHz~40GHz      | 18/Mar/2021      | 17/Mar/2022          |
| Loop Antenna                     | TESEQ               | HLA 6120                | 31244                                          | 9kHz~30MHz       | 16/Mar/2021      | 15/Mar/2022          |
| EMI Test Receiver                | R&S                 | ESR3                    | 102052                                         | 9kHz~3.6GHz      | 19/Apr/2021      | 18/Apr/2022          |



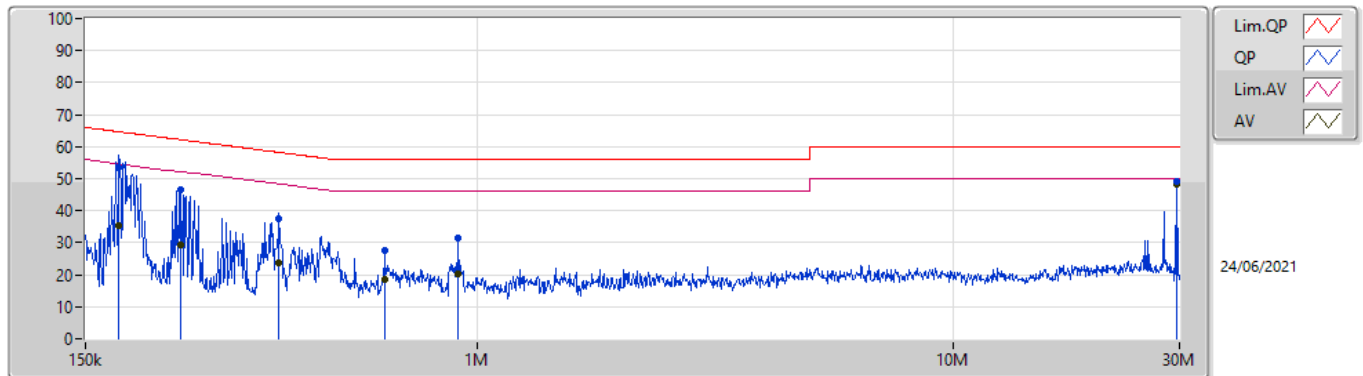
**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 29.616M      | 48.10           | 50.00           | -1.90          | Line      |

**Mode config**

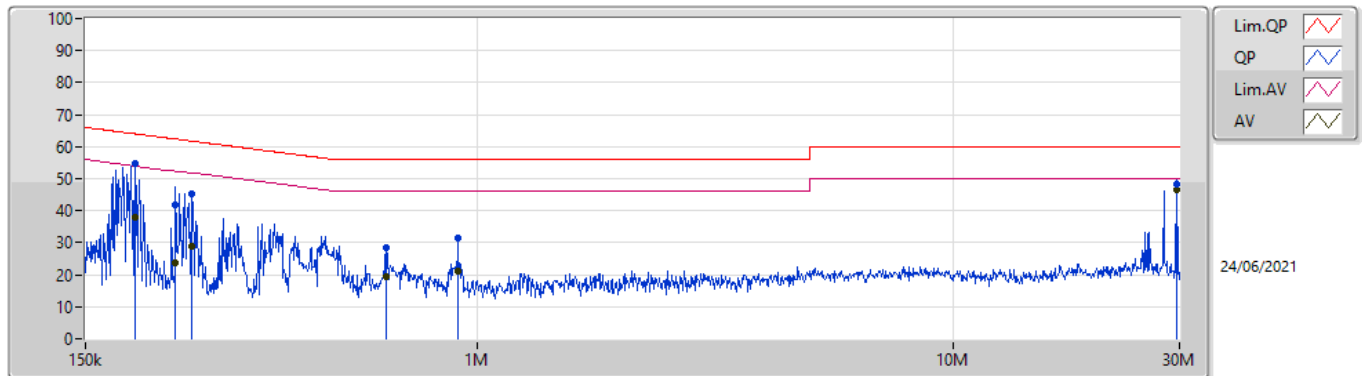
| Mode   | Result | Type | Freq (Hz) | Level (dBUV) | Limit (dBUV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 176.674k  | 53.53        | 64.64        | -11.11      | Line      | -        |
| Mode 1 | Pass   | AV   | 176.674k  | 35.56        | 54.64        | -19.08      | Line      | -        |
| Mode 1 | Pass   | QP   | 237.393k  | 46.48        | 62.20        | -15.72      | Line      | -        |
| Mode 1 | Pass   | AV   | 237.393k  | 29.24        | 52.20        | -22.96      | Line      | -        |
| Mode 1 | Pass   | QP   | 383.278k  | 37.37        | 58.20        | -20.83      | Line      | -        |
| Mode 1 | Pass   | AV   | 383.278k  | 23.52        | 48.20        | -24.68      | Line      | -        |
| Mode 1 | Pass   | QP   | 641.45k   | 27.38        | 56.00        | -28.62      | Line      | -        |
| Mode 1 | Pass   | AV   | 641.45k   | 18.33        | 46.00        | -27.67      | Line      | -        |
| Mode 1 | Pass   | QP   | 911.443k  | 31.33        | 56.00        | -24.67      | Line      | -        |
| Mode 1 | Pass   | AV   | 911.443k  | 20.45        | 46.00        | -25.55      | Line      | -        |
| Mode 1 | Pass   | QP   | 29.616M   | 48.98        | 60.00        | -11.02      | Line      | -        |
| Mode 1 | Pass   | AV   | 29.616M   | 48.10        | 50.00        | -1.90       | Line      | -        |
| Mode 1 | Pass   | QP   | 191.358k  | 54.74        | 63.97        | -9.23       | Neutral   | -        |
| Mode 1 | Pass   | AV   | 191.358k  | 37.98        | 53.97        | -15.99      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 231.775k  | 41.74        | 62.39        | -20.65      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 231.775k  | 23.75        | 52.39        | -28.64      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 251.038k  | 45.25        | 61.72        | -16.47      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 251.038k  | 28.98        | 51.72        | -22.74      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 644.016k  | 28.30        | 56.00        | -27.70      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 644.016k  | 19.47        | 46.00        | -26.53      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 911.443k  | 31.68        | 56.00        | -24.32      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 911.443k  | 20.96        | 46.00        | -25.04      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 29.616M   | 48.19        | 60.00        | -11.81      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 29.616M   | 46.40        | 50.00        | -3.60       | Neutral   | -        |

## Conducted Emissions at Powerline\_Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 176.674k     | 53.53           | 64.64           | -11.11         | 19.62          | Line      | -       | 33.91         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 176.674k     | 35.56           | 54.64           | -19.08         | 19.62          | Line      | -       | 15.94         | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 237.393k     | 46.48           | 62.20           | -15.72         | 19.62          | Line      | -       | 26.86         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 237.393k     | 29.24           | 52.20           | -22.96         | 19.62          | Line      | -       | 9.62          | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 383.278k     | 37.37           | 58.20           | -20.83         | 19.63          | Line      | -       | 17.74         | 9.67         | 0.06       | 9.90       |  |  |  |
| AV   | 383.278k     | 23.52           | 48.20           | -24.68         | 19.63          | Line      | -       | 3.89          | 9.67         | 0.06       | 9.90       |  |  |  |
| QP   | 641.45k      | 27.38           | 56.00           | -28.62         | 19.59          | Line      | -       | 7.79          | 9.67         | 0.07       | 9.85       |  |  |  |
| AV   | 641.45k      | 18.33           | 46.00           | -27.67         | 19.59          | Line      | -       | -1.26         | 9.67         | 0.07       | 9.85       |  |  |  |
| QP   | 911.443k     | 31.33           | 56.00           | -24.67         | 19.56          | Line      | -       | 11.77         | 9.67         | 0.08       | 9.81       |  |  |  |
| AV   | 911.443k     | 20.45           | 46.00           | -25.55         | 19.56          | Line      | -       | 0.89          | 9.67         | 0.08       | 9.81       |  |  |  |
| QP   | 29.616M      | 48.98           | 60.00           | -11.02         | 19.77          | Line      | -       | 29.21         | 9.53         | 0.34       | 9.90       |  |  |  |
| AV   | 29.616M      | 48.10           | 50.00           | -1.90          | 19.77          | Line      | -       | 28.33         | 9.53         | 0.34       | 9.90       |  |  |  |

## Conducted Emissions at Powerline\_Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 191.358k     | 54.74           | 63.97           | -9.23          | 19.62          | Neutral   | -       | 35.12         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 191.358k     | 37.98           | 53.97           | -15.99         | 19.62          | Neutral   | -       | 18.36         | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 231.775k     | 41.74           | 62.39           | -20.65         | 19.62          | Neutral   | -       | 22.12         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 231.775k     | 23.75           | 52.39           | -28.64         | 19.62          | Neutral   | -       | 4.13          | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 251.038k     | 45.25           | 61.72           | -16.47         | 19.63          | Neutral   | -       | 25.62         | 9.68         | 0.05       | 9.90       |  |  |  |
| AV   | 251.038k     | 28.98           | 51.72           | -22.74         | 19.63          | Neutral   | -       | 9.35          | 9.68         | 0.05       | 9.90       |  |  |  |
| QP   | 644.016k     | 28.30           | 56.00           | -27.70         | 19.59          | Neutral   | -       | 8.71          | 9.67         | 0.07       | 9.85       |  |  |  |
| AV   | 644.016k     | 19.47           | 46.00           | -26.53         | 19.59          | Neutral   | -       | -0.12         | 9.67         | 0.07       | 9.85       |  |  |  |
| QP   | 911.443k     | 31.68           | 56.00           | -24.32         | 19.56          | Neutral   | -       | 12.12         | 9.67         | 0.08       | 9.81       |  |  |  |
| AV   | 911.443k     | 20.96           | 46.00           | -25.04         | 19.56          | Neutral   | -       | 1.40          | 9.67         | 0.08       | 9.81       |  |  |  |
| QP   | 29.616M      | 48.19           | 60.00           | -11.81         | 19.94          | Neutral   | -       | 28.25         | 9.70         | 0.34       | 9.90       |  |  |  |
| AV   | 29.616M      | 46.40           | 50.00           | -3.60          | 19.94          | Neutral   | -       | 26.46         | 9.70         | 0.34       | 9.90       |  |  |  |



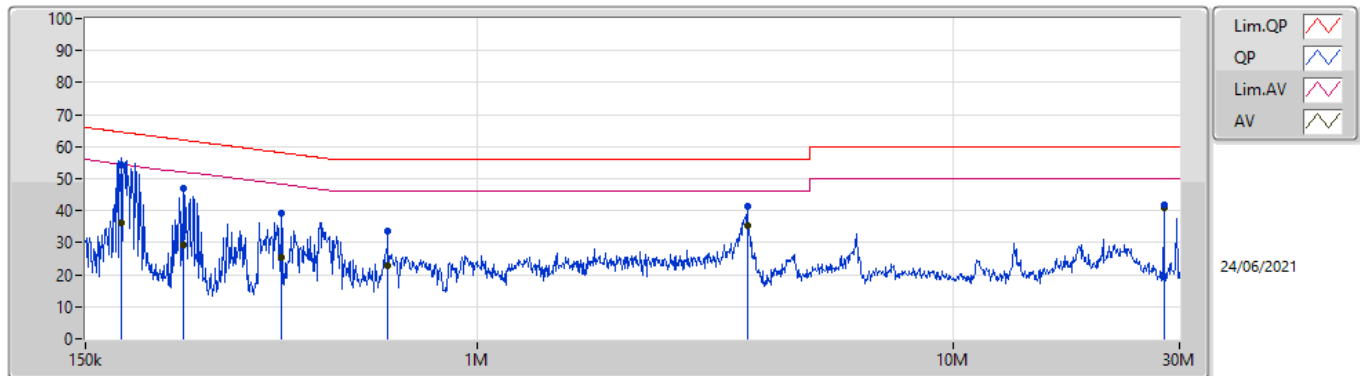
**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | QP   | 177.381k     | 56.88           | 64.60           | -7.72          | Neutral   |

**Mode config**

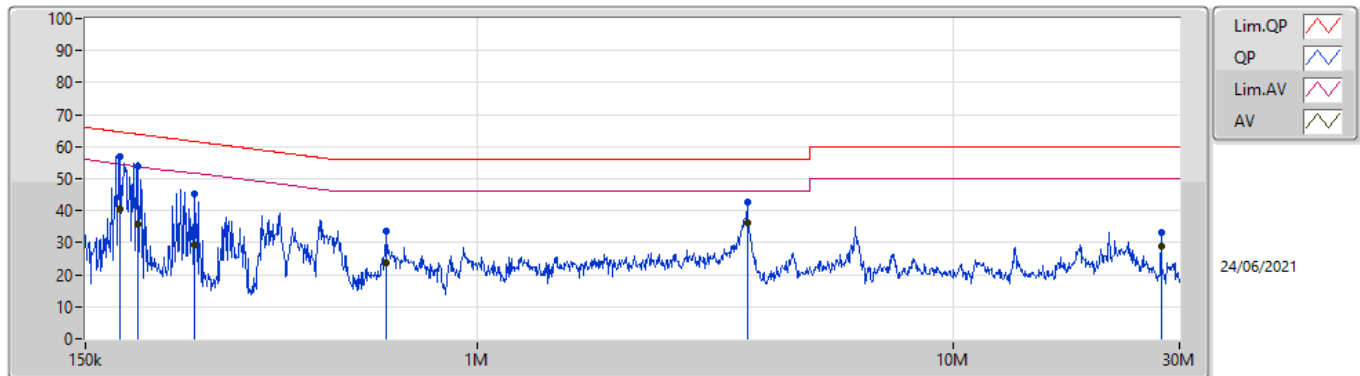
| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 178.091k  | 54.35        | 64.57        | -10.22      | Line      | -        |
| Mode 1 | Pass   | AV   | 178.091k  | 36.22        | 54.57        | -18.35      | Line      | -        |
| Mode 1 | Pass   | QP   | 240.253k  | 46.79        | 62.08        | -15.29      | Line      | -        |
| Mode 1 | Pass   | AV   | 240.253k  | 29.49        | 52.08        | -22.59      | Line      | -        |
| Mode 1 | Pass   | QP   | 386.35k   | 39.05        | 58.14        | -19.09      | Line      | -        |
| Mode 1 | Pass   | AV   | 386.35k   | 25.58        | 48.14        | -22.56      | Line      | -        |
| Mode 1 | Pass   | QP   | 646.592k  | 33.42        | 56.00        | -22.58      | Line      | -        |
| Mode 1 | Pass   | AV   | 646.592k  | 23.06        | 46.00        | -22.94      | Line      | -        |
| Mode 1 | Pass   | QP   | 3.701M    | 41.58        | 56.00        | -14.42      | Line      | -        |
| Mode 1 | Pass   | AV   | 3.701M    | 35.51        | 46.00        | -10.49      | Line      | -        |
| Mode 1 | Pass   | QP   | 27.784M   | 41.71        | 60.00        | -18.29      | Line      | -        |
| Mode 1 | Pass   | AV   | 27.784M   | 41.03        | 50.00        | -8.97       | Line      | -        |
| Mode 1 | Pass   | QP   | 177.381k  | 56.88        | 64.60        | -7.72       | Neutral   | -        |
| Mode 1 | Pass   | AV   | 177.381k  | 40.59        | 54.60        | -14.01      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 193.664k  | 54.08        | 63.88        | -9.80       | Neutral   | -        |
| Mode 1 | Pass   | AV   | 193.664k  | 35.79        | 53.88        | -18.09      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 254.063k  | 45.40        | 61.62        | -16.22      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 254.063k  | 29.39        | 51.62        | -22.23      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 644.016k  | 33.54        | 56.00        | -22.46      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 644.016k  | 23.52        | 46.00        | -22.48      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 3.701M    | 42.52        | 56.00        | -13.48      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 3.701M    | 36.23        | 46.00        | -9.77       | Neutral   | -        |
| Mode 1 | Pass   | QP   | 27.453M   | 33.10        | 60.00        | -26.90      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 27.453M   | 29.06        | 50.00        | -20.94      | Neutral   | -        |

### Conducted Emissions at Powerline\_Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 178.091k     | 54.35           | 64.57           | -10.22         | 19.62          | Line      | -       | 34.73         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 178.091k     | 36.22           | 54.57           | -18.35         | 19.62          | Line      | -       | 16.60         | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 240.253k     | 46.79           | 62.08           | -15.29         | 19.63          | Line      | -       | 27.16         | 9.68         | 0.05       | 9.90       |  |  |  |
| AV   | 240.253k     | 29.49           | 52.08           | -22.59         | 19.63          | Line      | -       | 9.86          | 9.68         | 0.05       | 9.90       |  |  |  |
| QP   | 386.35k      | 39.05           | 58.14           | -19.09         | 19.63          | Line      | -       | 19.42         | 9.67         | 0.06       | 9.90       |  |  |  |
| AV   | 386.35k      | 25.58           | 48.14           | -22.56         | 19.63          | Line      | -       | 5.95          | 9.67         | 0.06       | 9.90       |  |  |  |
| QP   | 646.592k     | 33.42           | 56.00           | -22.58         | 19.59          | Line      | -       | 13.83         | 9.67         | 0.07       | 9.85       |  |  |  |
| AV   | 646.592k     | 23.06           | 46.00           | -22.94         | 19.59          | Line      | -       | 3.47          | 9.67         | 0.07       | 9.85       |  |  |  |
| QP   | 3.701M       | 41.58           | 56.00           | -14.42         | 19.72          | Line      | -       | 21.86         | 9.69         | 0.14       | 9.89       |  |  |  |
| AV   | 3.701M       | 35.51           | 46.00           | -10.49         | 19.72          | Line      | -       | 15.79         | 9.69         | 0.14       | 9.89       |  |  |  |
| QP   | 27.784M      | 41.71           | 60.00           | -18.29         | 19.79          | Line      | -       | 21.92         | 9.56         | 0.33       | 9.90       |  |  |  |
| AV   | 27.784M      | 41.03           | 50.00           | -8.97          | 19.79          | Line      | -       | 21.24         | 9.56         | 0.33       | 9.90       |  |  |  |

## Conducted Emissions at Powerline\_Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|--------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 177.381k     | 56.88           | 64.60           | -7.72          | 19.62  | Neutral   | -       | 37.26         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 177.381k     | 40.59           | 54.60           | -14.01         | 19.62  | Neutral   | -       | 20.97         | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 193.664k     | 54.08           | 63.88           | -9.80          | 19.62  | Neutral   | -       | 34.46         | 9.68         | 0.04       | 9.90       |  |  |  |
| AV   | 193.664k     | 35.79           | 53.88           | -18.09         | 19.62  | Neutral   | -       | 16.17         | 9.68         | 0.04       | 9.90       |  |  |  |
| QP   | 254.063k     | 45.40           | 61.62           | -16.22         | 19.63  | Neutral   | -       | 25.77         | 9.68         | 0.05       | 9.90       |  |  |  |
| AV   | 254.063k     | 29.39           | 51.62           | -22.23         | 19.63  | Neutral   | -       | 9.76          | 9.68         | 0.05       | 9.90       |  |  |  |
| QP   | 644.016k     | 33.54           | 56.00           | -22.46         | 19.59  | Neutral   | -       | 13.95         | 9.67         | 0.07       | 9.85       |  |  |  |
| AV   | 644.016k     | 23.52           | 46.00           | -22.48         | 19.59  | Neutral   | -       | 3.93          | 9.67         | 0.07       | 9.85       |  |  |  |
| QP   | 3.701M       | 42.52           | 56.00           | -13.48         | 19.72  | Neutral   | -       | 22.80         | 9.69         | 0.14       | 9.89       |  |  |  |
| AV   | 3.701M       | 36.23           | 46.00           | -9.77          | 19.72  | Neutral   | -       | 16.51         | 9.69         | 0.14       | 9.89       |  |  |  |
| QP   | 27.453M      | 33.10           | 60.00           | -26.90         | 19.94  | Neutral   | -       | 13.16         | 9.71         | 0.33       | 9.90       |  |  |  |
| AV   | 27.453M      | 29.06           | 50.00           | -20.94         | 19.94  | Neutral   | -       | 9.12          | 9.71         | 0.33       | 9.90       |  |  |  |

**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.64M           | 16.462M         | 16M5D1D  | 20.31M           | 16.432M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.96M           | 18.951M         | 19M0D1D  | 21.18M           | 18.921M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 41.4M            | 38.021M         | 38M0D1D  | 40.98M           | 37.901M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 82.8M            | 77.481M         | 77M5D1D  | 82.2M            | 77.241M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 16.29M           | 16.462M         | 16M5D1D  | 3.12M            | 3.658M          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 18.18M           | 18.951M         | 19M0D1D  | 4.34M            | 4.558M          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 37.68M           | 37.901M         | 37M9D1D  | 3.96M            | 4.118M          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 74.16M           | 77.841M         | 77M8D1D  | 4.06M            | 4.158M          |

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

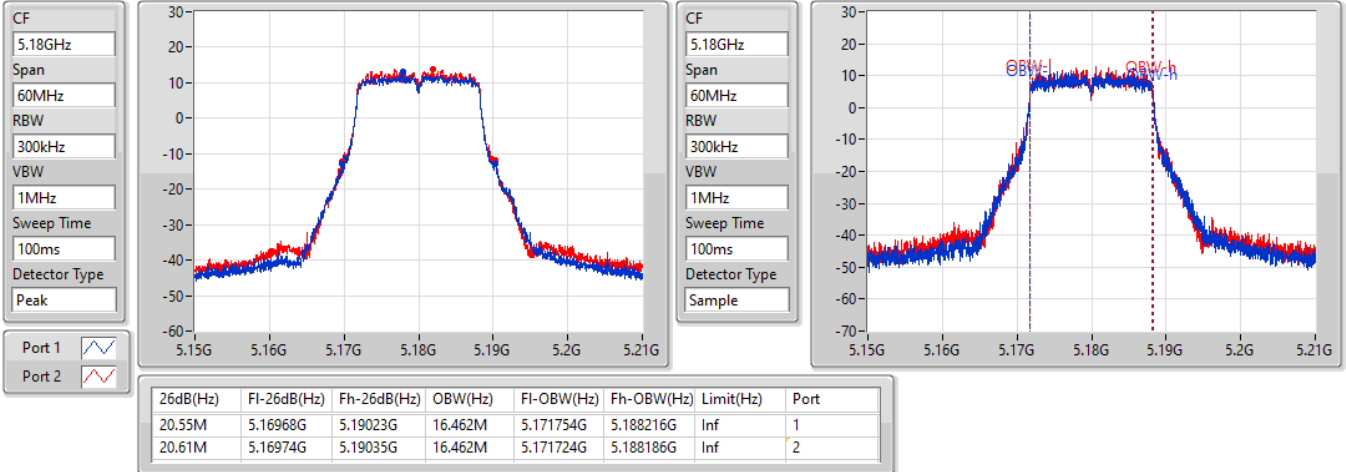
**Result**

| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                        | Pass   | Inf           | 20.55M              | 16.462M            | 20.61M              | 16.462M            |
| 5200MHz                        | Pass   | Inf           | 20.31M              | 16.432M            | 20.58M              | 16.432M            |
| 5240MHz                        | Pass   | Inf           | 20.58M              | 16.432M            | 20.64M              | 16.432M            |
| 5745MHz                        | Pass   | 500k          | 16.02M              | 16.432M            | 16.29M              | 16.462M            |
| 5785MHz                        | Pass   | 500k          | 16.29M              | 16.462M            | 16.02M              | 16.462M            |
| 5825MHz                        | Pass   | 500k          | 15.75M              | 16.432M            | 15.99M              | 16.432M            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                        | Pass   | Inf           | 21.87M              | 18.921M            | 21.54M              | 18.951M            |
| 5200MHz                        | Pass   | Inf           | 21.45M              | 18.951M            | 21.96M              | 18.921M            |
| 5240MHz                        | Pass   | Inf           | 21.18M              | 18.951M            | 21.39M              | 18.921M            |
| 5745MHz                        | Pass   | 500k          | 17.52M              | 18.921M            | 17.22M              | 18.861M            |
| 5785MHz                        | Pass   | 500k          | 18.15M              | 18.951M            | 18.18M              | 18.951M            |
| 5825MHz                        | Pass   | 500k          | 17.73M              | 18.951M            | 17.43M              | 18.951M            |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                        | Pass   | Inf           | 41.04M              | 38.021M            | 41.4M               | 37.961M            |
| 5230MHz                        | Pass   | Inf           | 40.98M              | 37.901M            | 41.34M              | 38.021M            |
| 5755MHz                        | Pass   | 500k          | 37.68M              | 37.901M            | 37.56M              | 37.901M            |
| 5795MHz                        | Pass   | 500k          | 37.44M              | 37.841M            | 37.5M               | 37.901M            |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                        | Pass   | Inf           | 82.8M               | 77.241M            | 82.2M               | 77.481M            |
| 5775MHz                        | Pass   | 500k          | 74.16M              | 77.481M            | 70.2M               | 77.841M            |

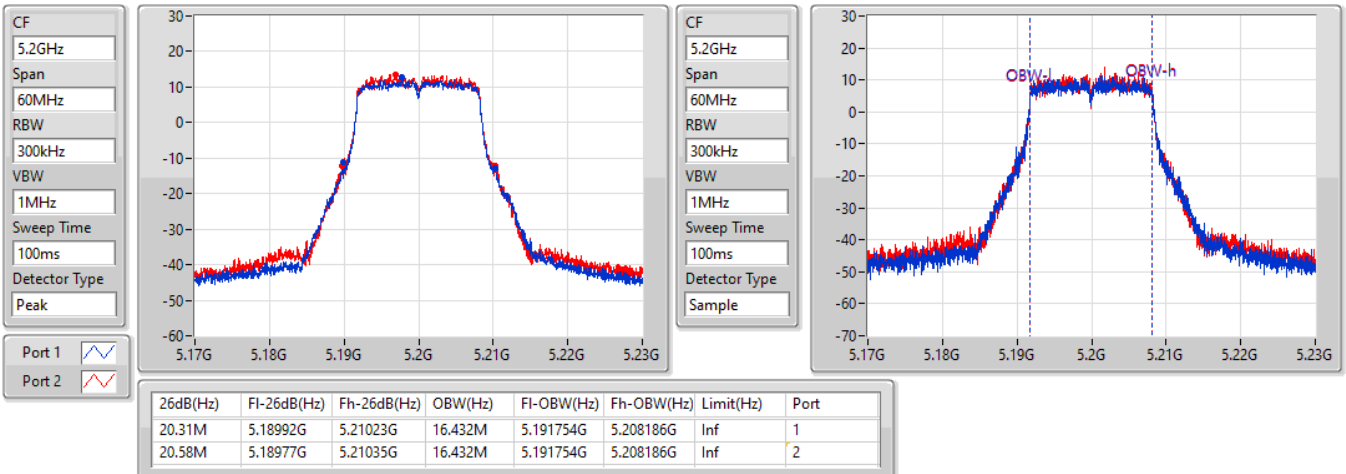
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5180MHz**

21/05/2021


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5200MHz**

21/05/2021

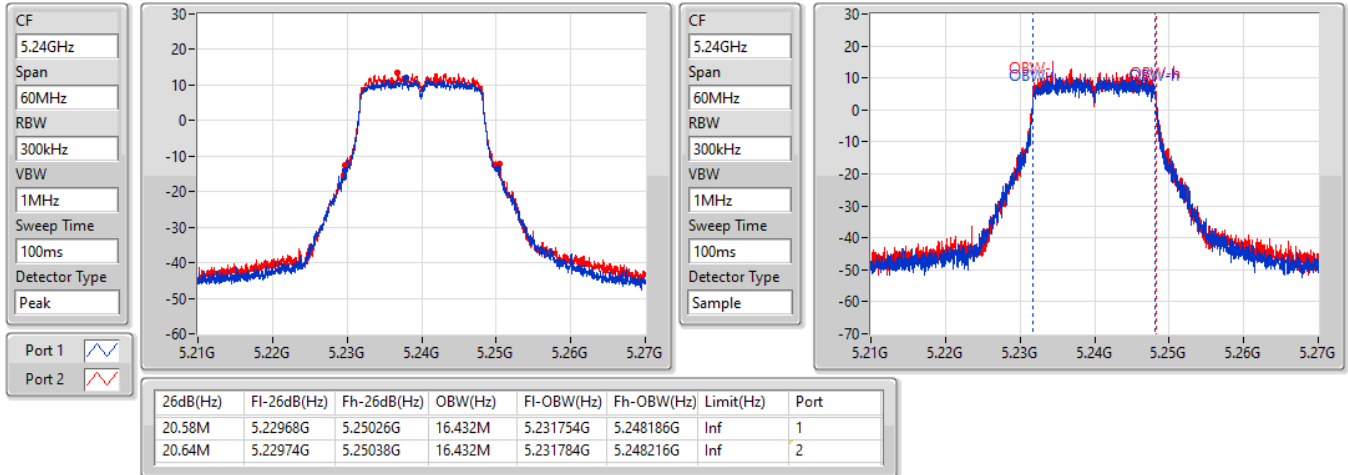


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

21/05/2021

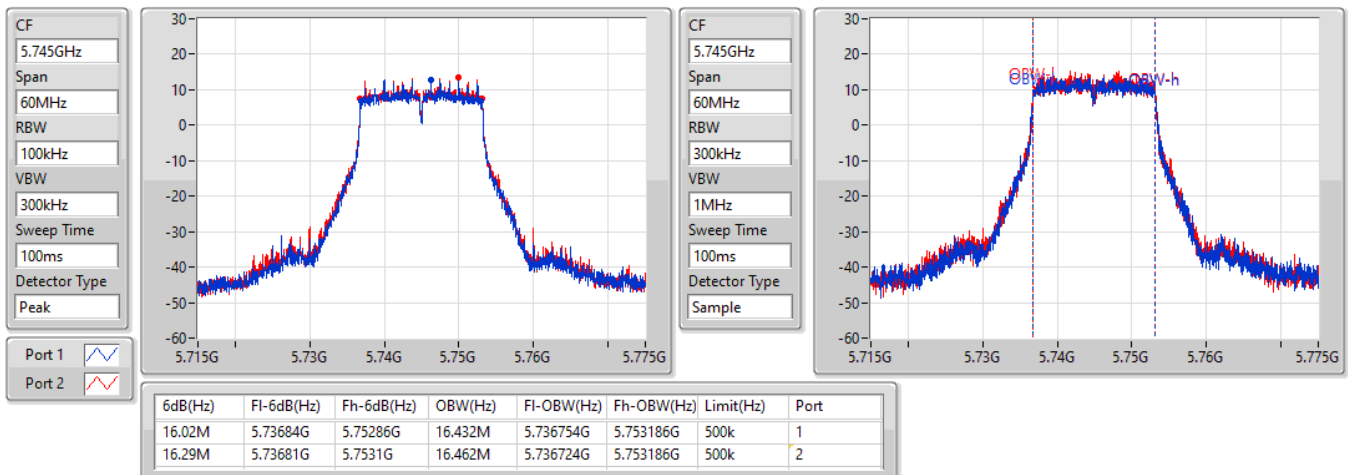


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

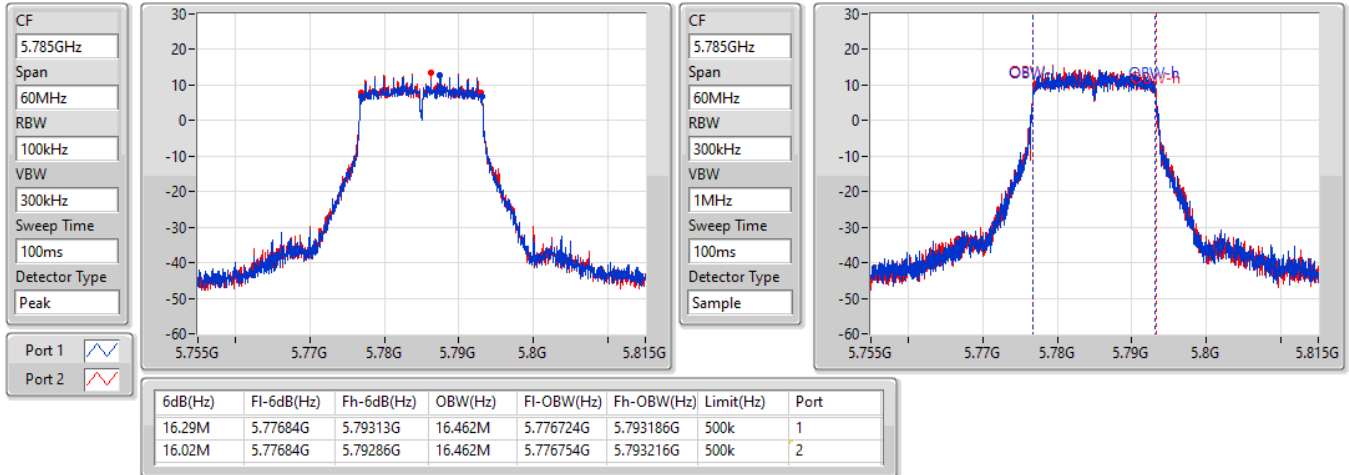
5745MHz

09/04/2021

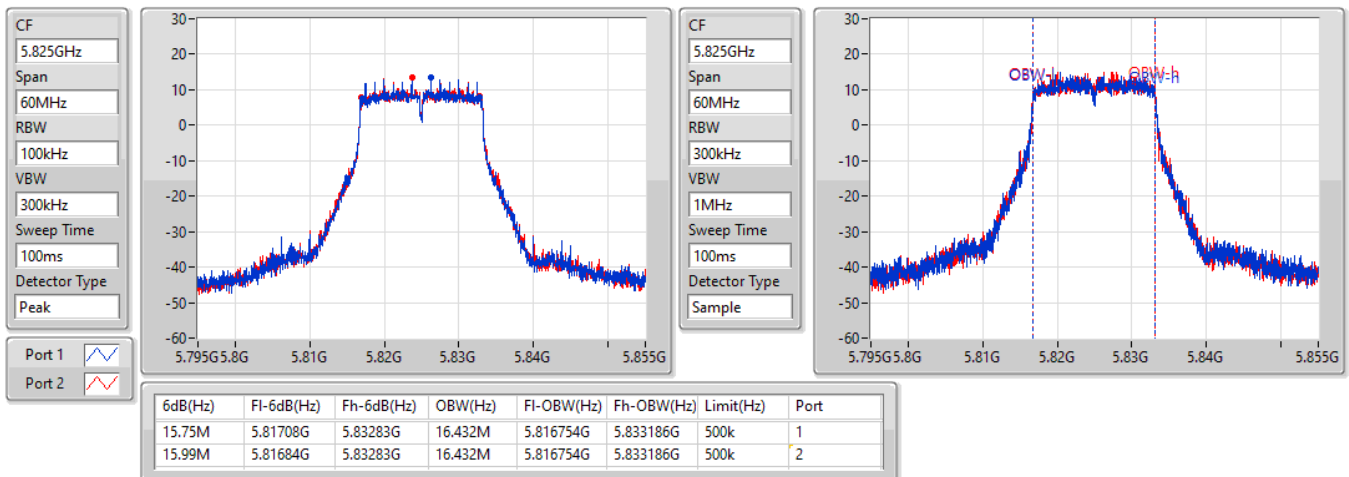


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5785MHz**

09/04/2021

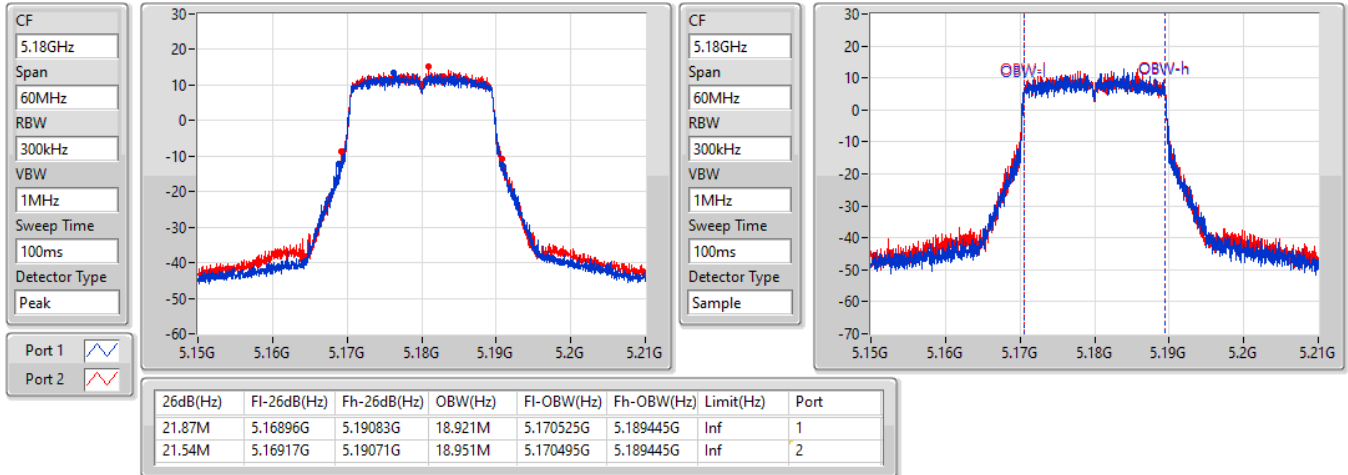

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5825MHz**

09/04/2021

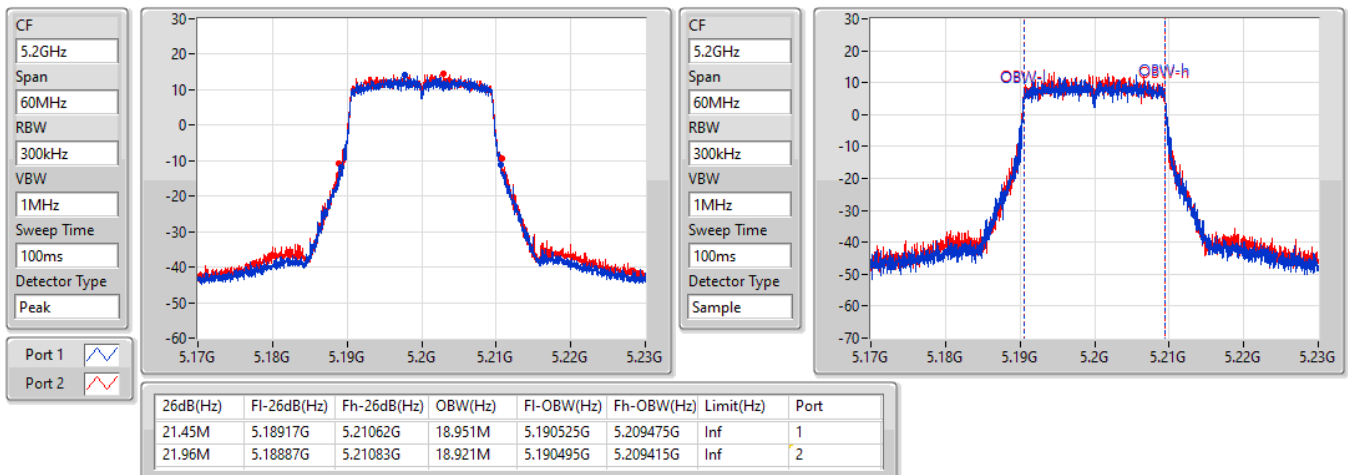


**802.11ax HEW20\_Nss1,(MCS0)\_2TX**
**EBW**
**5180MHz**

21/05/2021


**802.11ax HEW20\_Nss1,(MCS0)\_2TX**
**EBW**
**5200MHz**

21/05/2021

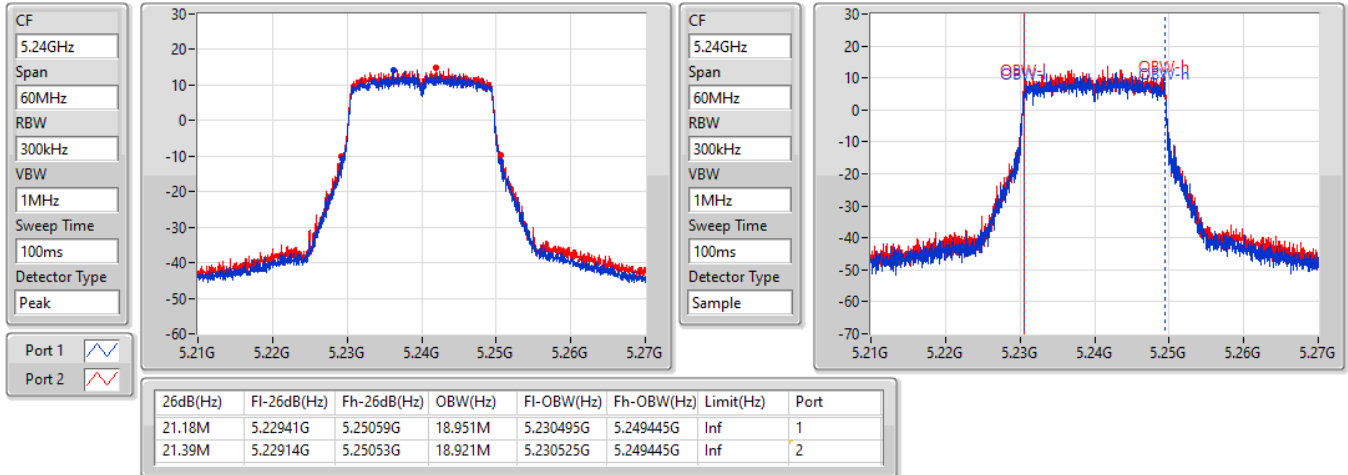


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5240MHz

21/05/2021

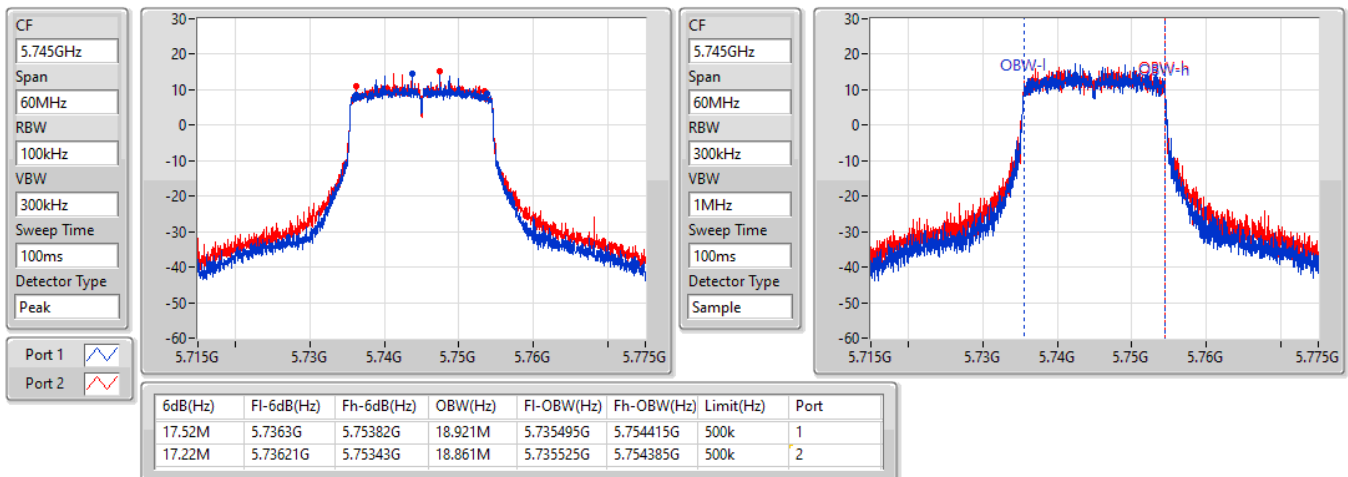


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5745MHz

09/04/2021

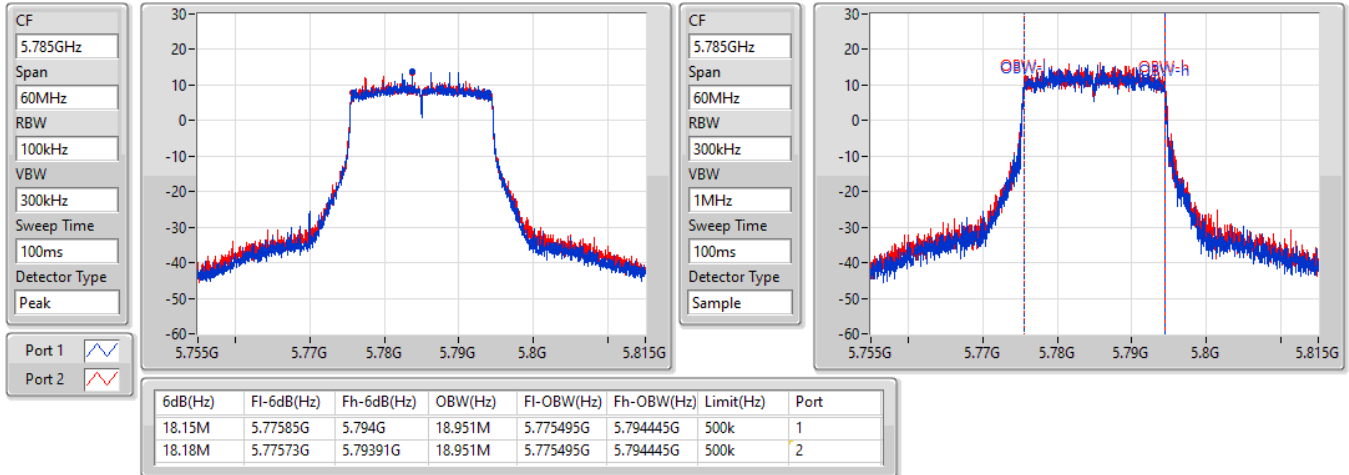


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

09/04/2021

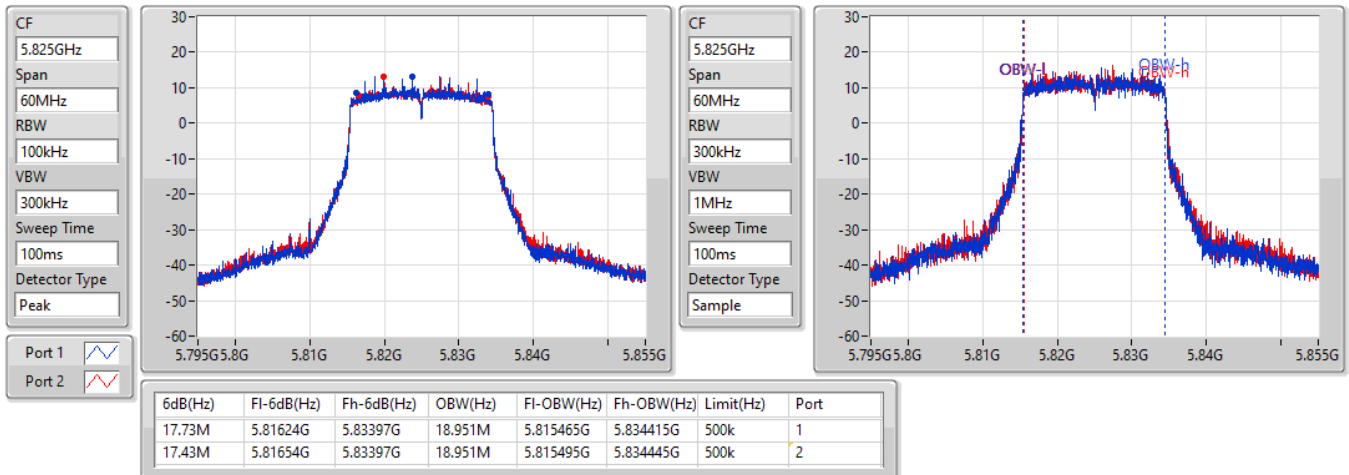


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

09/04/2021

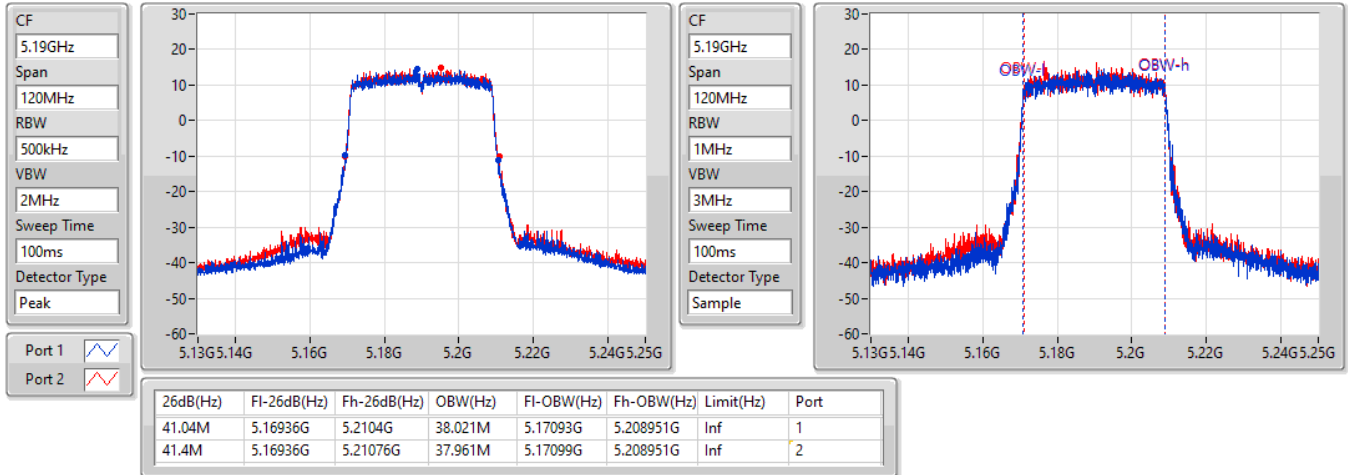


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

21/05/2021

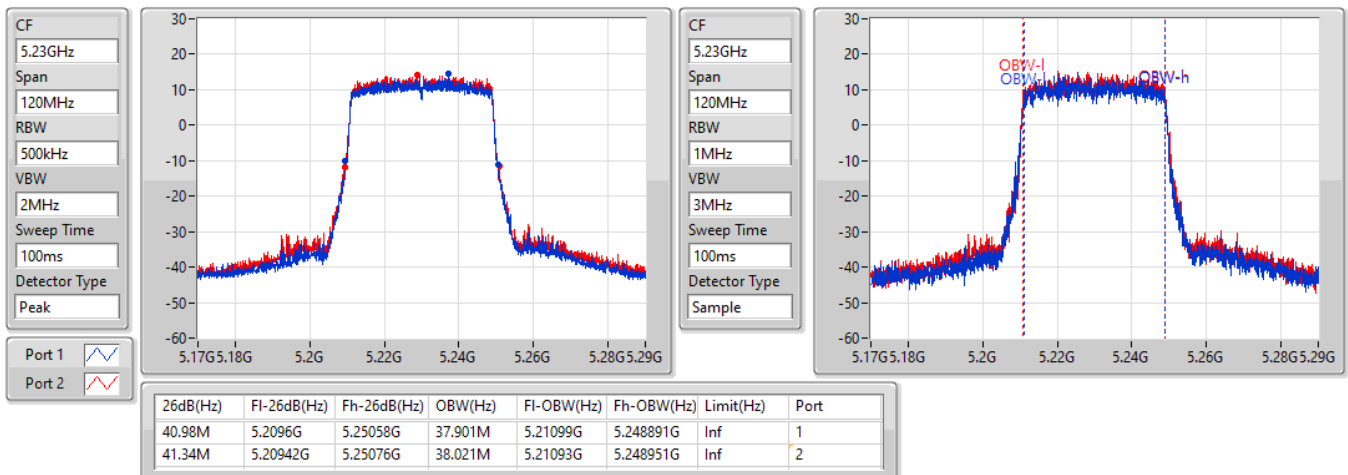


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

21/05/2021

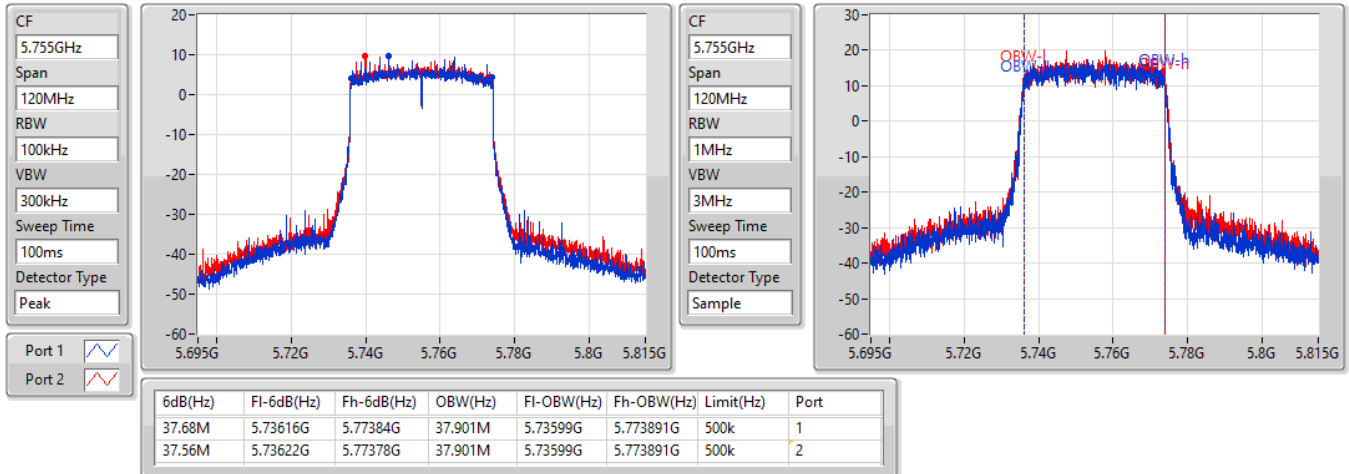


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5755MHz

09/04/2021

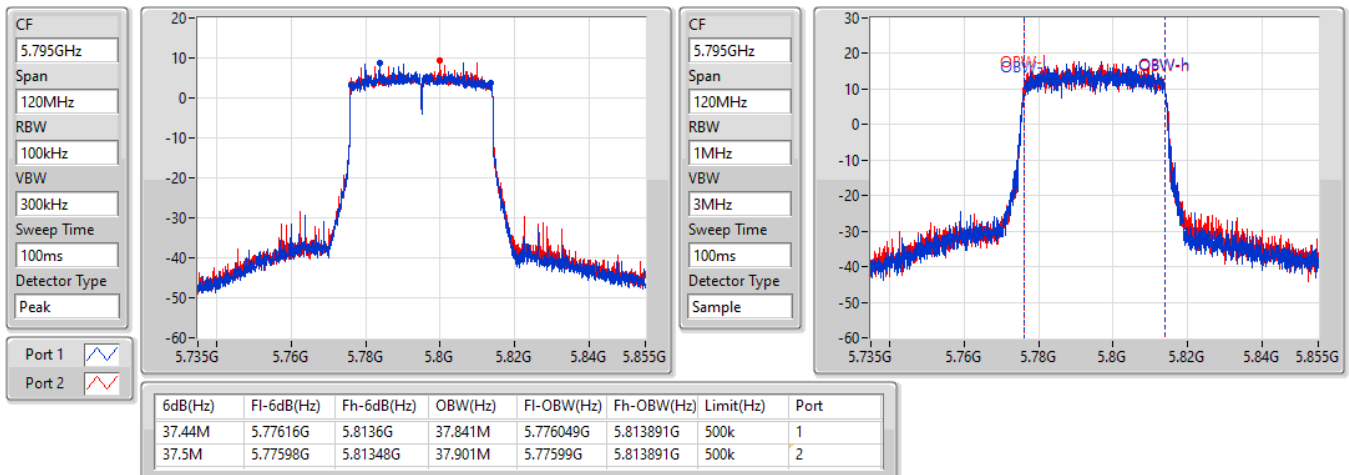


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5795MHz

09/04/2021

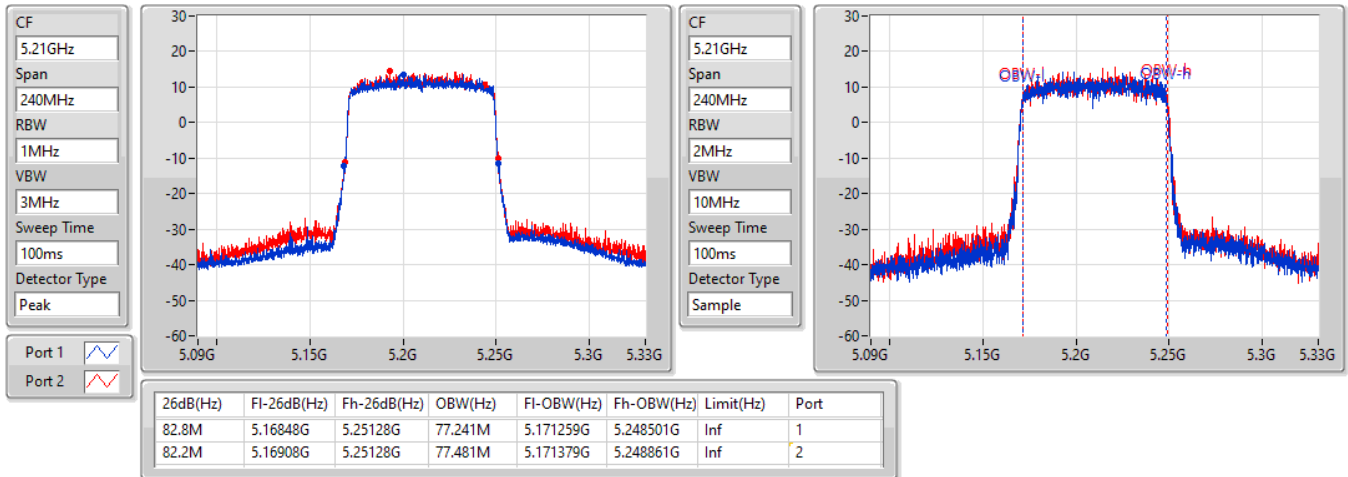


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5210MHz

21/05/2021

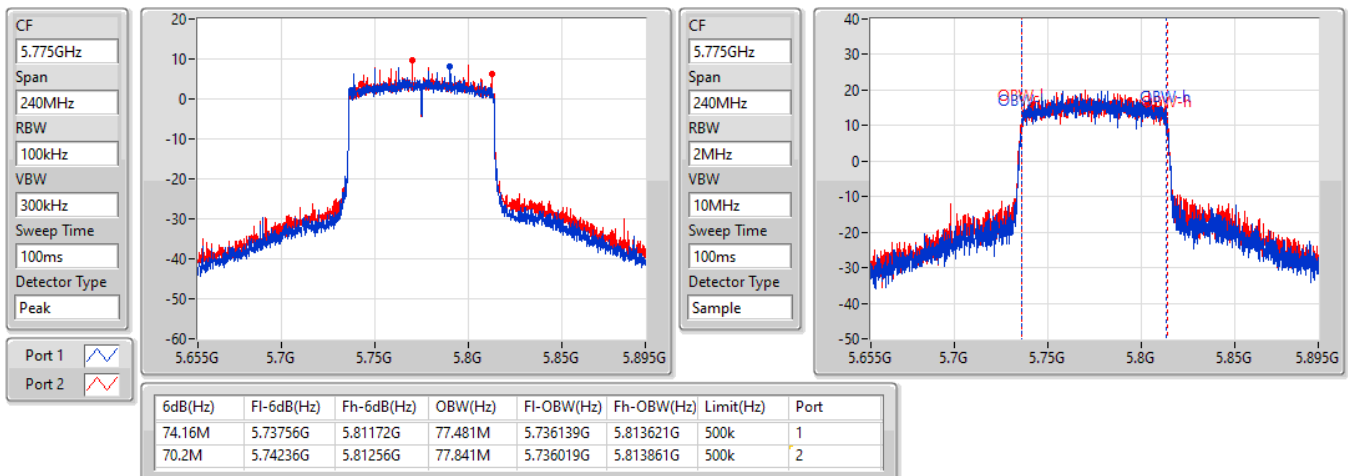


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5775MHz

09/04/2021



**Summary**

| Mode                              | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|-----------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                      | -                | -               | -        | -                | -               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 22.95M           | 19.07M          | 19M1D1D  | 22.38M           | 18.981M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 43.74M           | 38.321M         | 38M3D1D  | 42.12M           | 37.961M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 84.6M            | 77.841M         | 77M8D1D  | 83.76M           | 77.481M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.08M           | 19.07M          | 19M1D1D  | 4.54M            | 4.558M          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 38.1M            | 38.261M         | 38M3D1D  | 4M               | 4.118M          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 75.12M           | 78.081M         | 78M1D1D  | 4.06M            | 4.238M          |

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

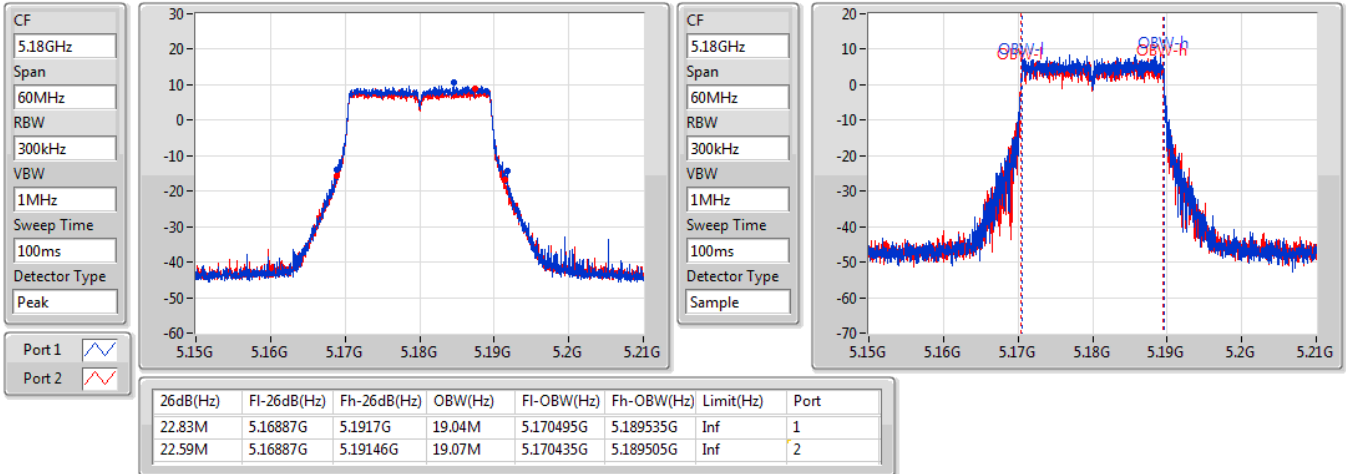
**Result**

| Mode                              | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|-----------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                           | Pass   | Inf           | 22.83M              | 19.04M             | 22.59M              | 19.07M             |
| 5200MHz                           | Pass   | Inf           | 22.95M              | 19.01M             | 22.41M              | 19.04M             |
| 5240MHz                           | Pass   | Inf           | 22.38M              | 18.981M            | 22.47M              | 19.04M             |
| 5745MHz                           | Pass   | 500k          | 19.02M              | 19.07M             | 19.08M              | 19.01M             |
| 5785MHz                           | Pass   | 500k          | 19.05M              | 19.04M             | 18.78M              | 19.04M             |
| 5825MHz                           | Pass   | 500k          | 19.05M              | 19.04M             | 19.05M              | 19.04M             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                           | Pass   | Inf           | 42.12M              | 37.961M            | 43.02M              | 38.141M            |
| 5230MHz                           | Pass   | Inf           | 43.74M              | 38.081M            | 42.78M              | 38.321M            |
| 5755MHz                           | Pass   | 500k          | 38.04M              | 38.081M            | 38.1M               | 38.141M            |
| 5795MHz                           | Pass   | 500k          | 37.56M              | 38.261M            | 33.3M               | 38.201M            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                           | Pass   | Inf           | 84.6M               | 77.481M            | 83.76M              | 77.841M            |
| 5775MHz                           | Pass   | 500k          | 75.12M              | 78.081M            | 73.2M               | 77.841M            |

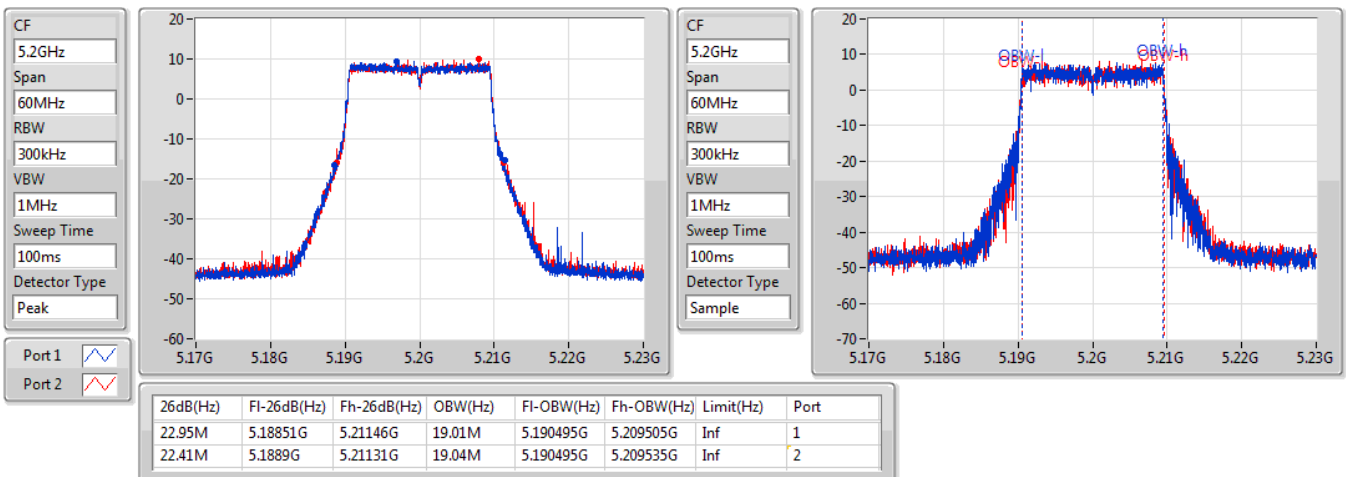
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5180MHz**

04/06/2021

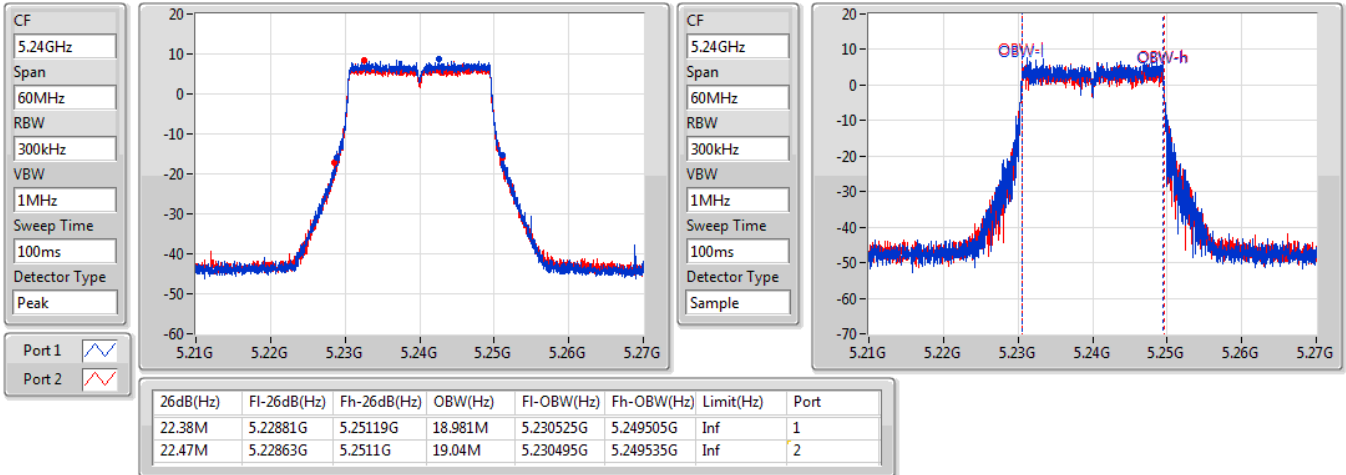

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5200MHz**

04/06/2021

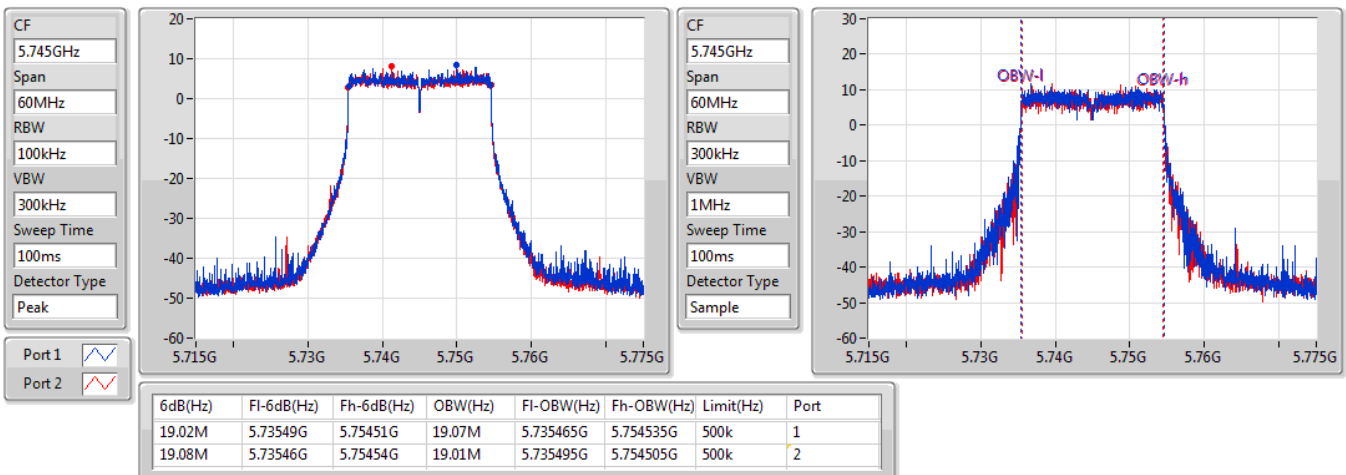


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5240MHz**

04/06/2021

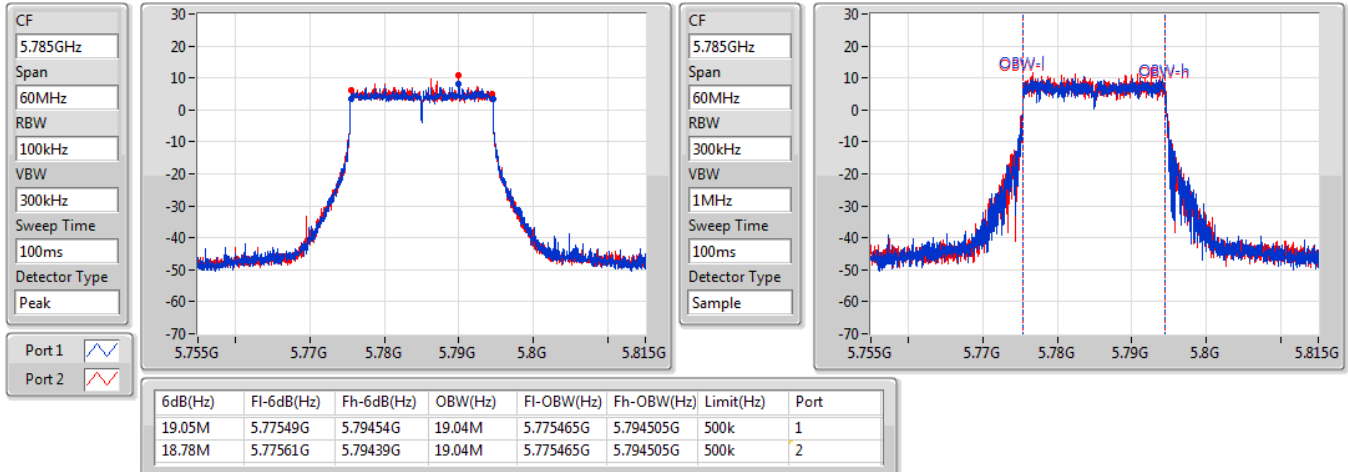

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5745MHz**

07/06/2021

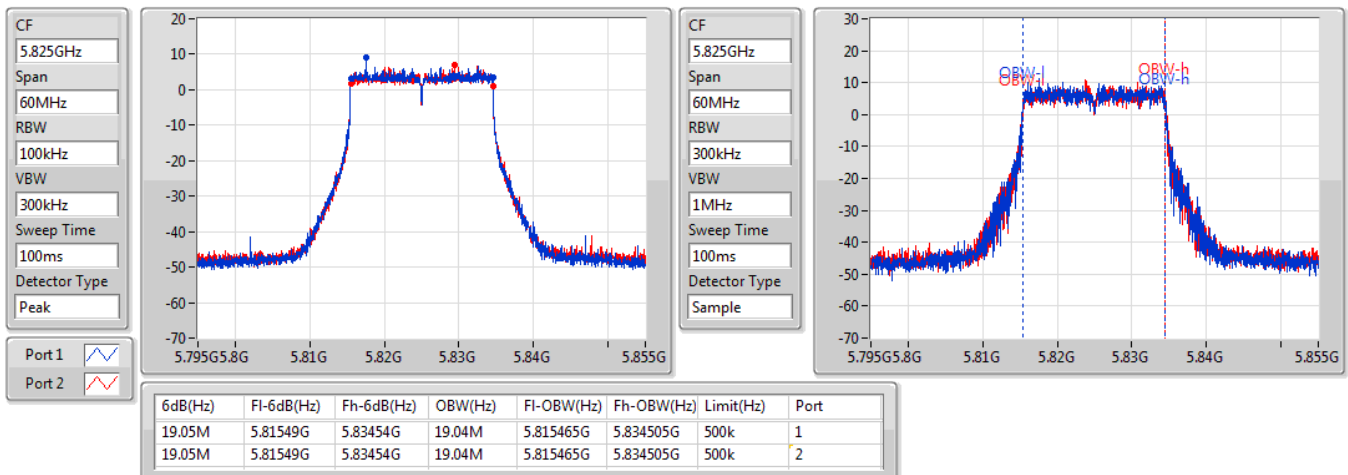


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5785MHz**

07/06/2021

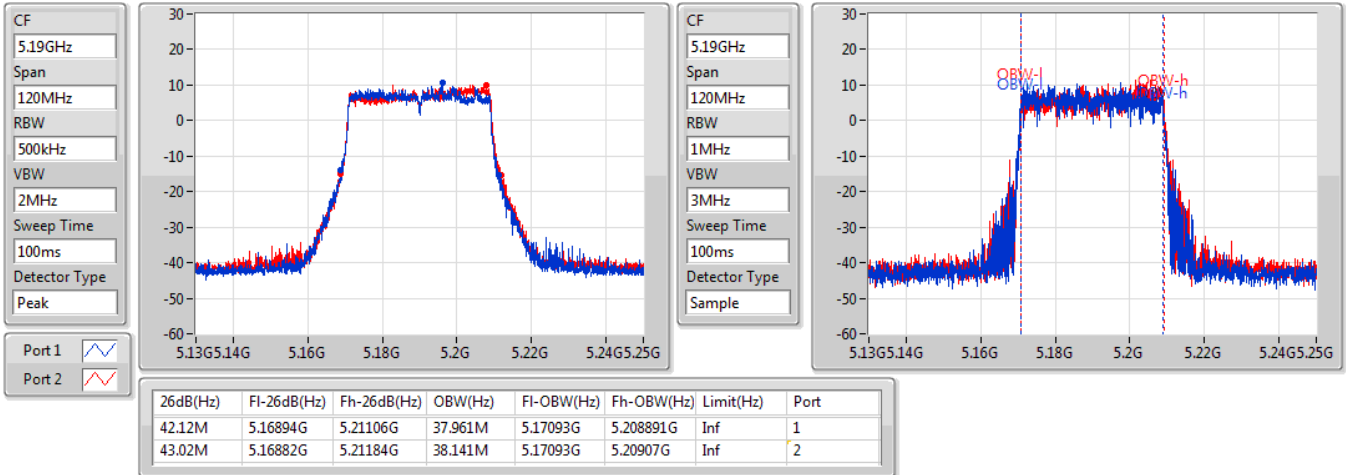

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5825MHz**

07/06/2021

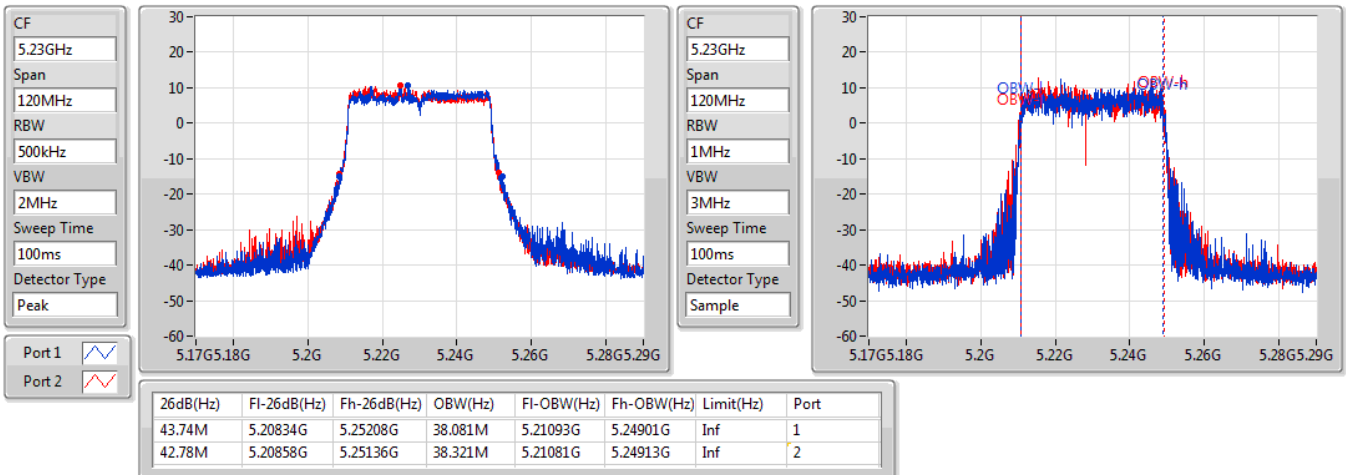


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5190MHz**

07/06/2021


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5230MHz**

07/06/2021

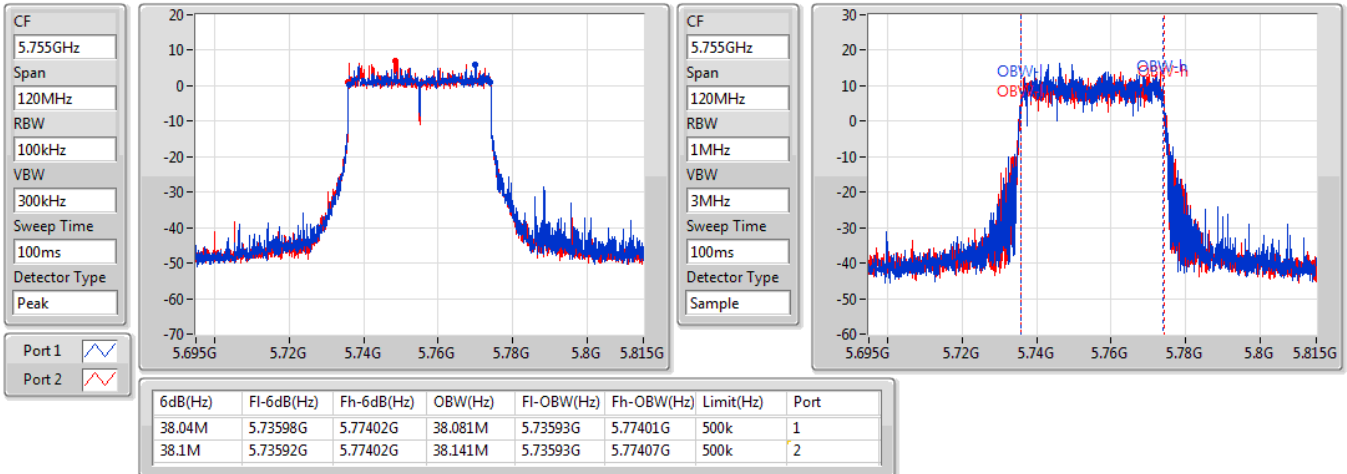


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

07/06/2021

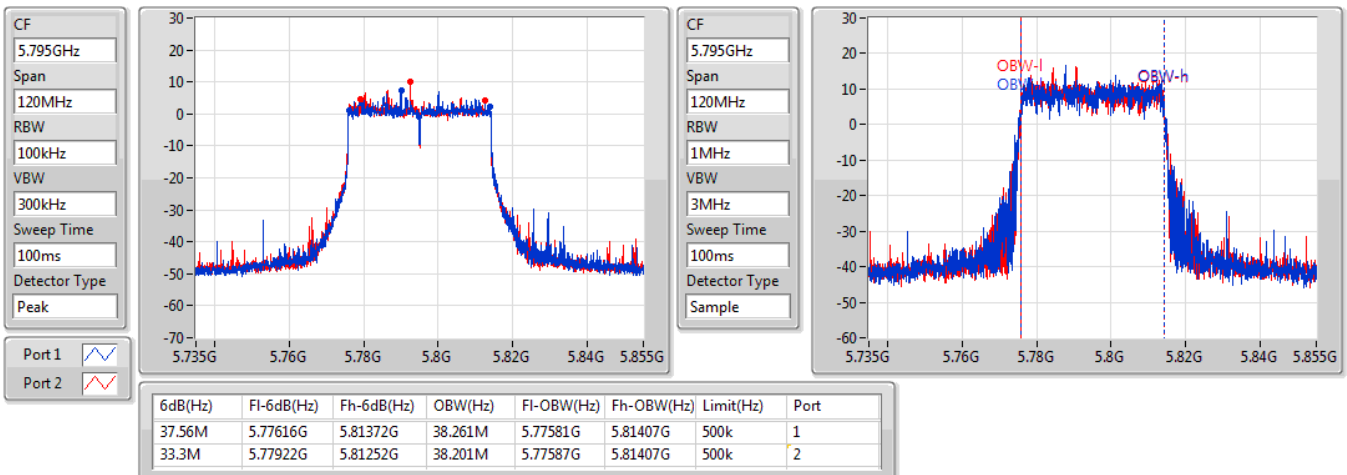


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

07/06/2021

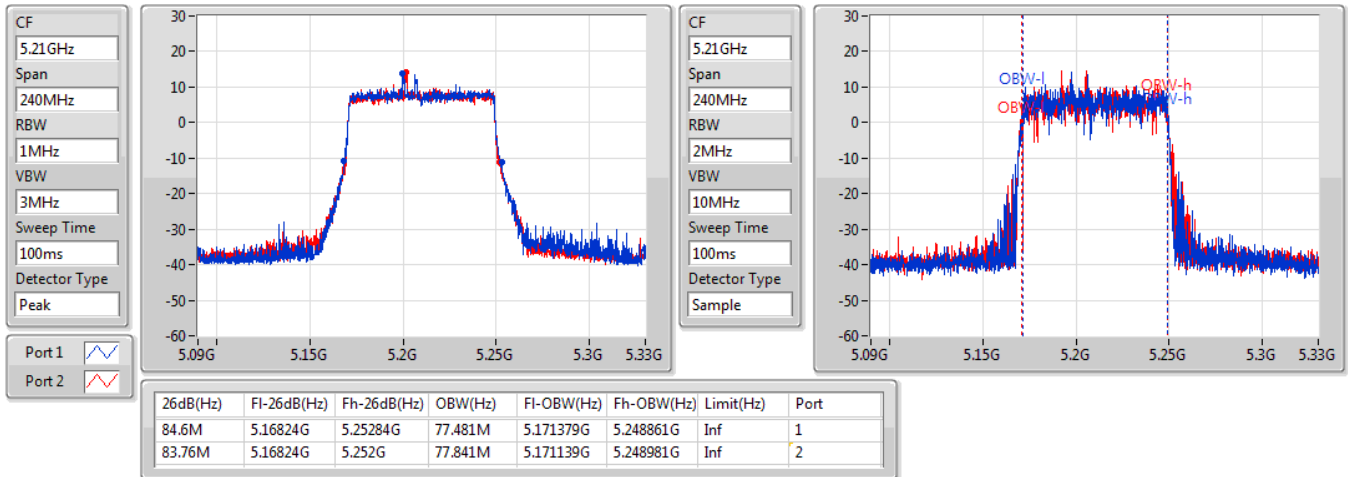


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5210MHz

07/06/2021

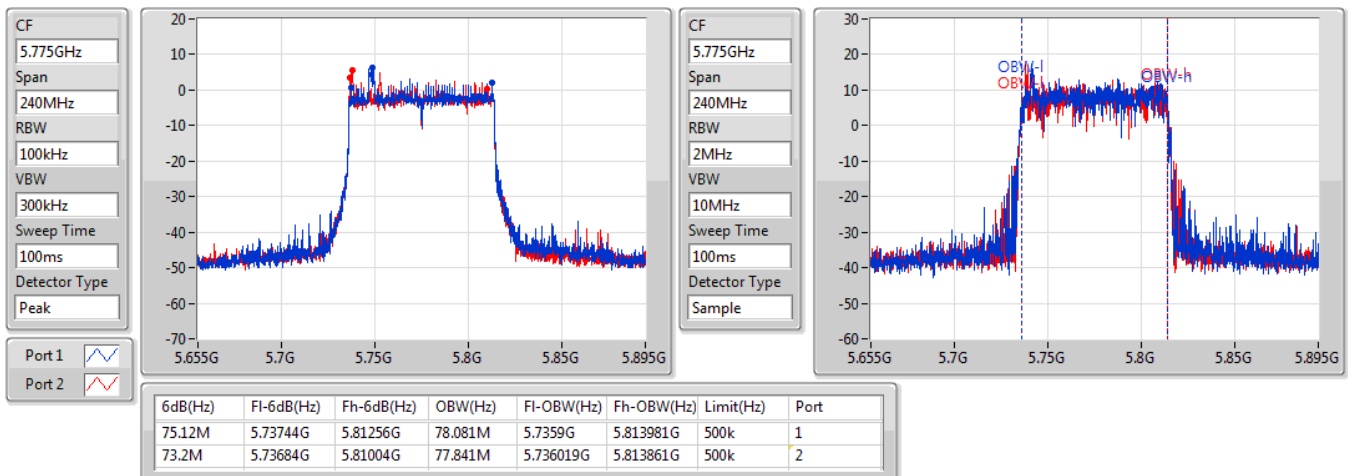


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

07/06/2021



**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.76M           | 16.462M         | 16M5D1D  | 20.52M           | 16.432M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 22.23M           | 18.951M         | 19M0D1D  | 21.33M           | 18.921M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 41.46M           | 37.961M         | 38M0D1D  | 40.8M            | 37.901M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 82.68M           | 77.601M         | 77M6D1D  | 82.68M           | 77.361M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 16.29M           | 16.462M         | 16M5D1D  | 3.12M            | 3.658M          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 18.18M           | 18.951M         | 19M0D1D  | 4.34M            | 4.558M          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 37.68M           | 37.901M         | 37M9D1D  | 3.96M            | 4.118M          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 74.16M           | 77.841M         | 77M8D1D  | 4.06M            | 4.158M          |

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

**Result**

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.58M           | 16.432M         | 20.7M            | 16.462M         |
| 5200MHz                        | Pass   | Inf        | 20.52M           | 16.432M         | 20.64M           | 16.432M         |
| 5240MHz                        | Pass   | Inf        | 20.55M           | 16.462M         | 20.76M           | 16.432M         |
| 5745MHz                        | Pass   | 500k       | 16.02M           | 16.432M         | 16.29M           | 16.462M         |
| 5785MHz                        | Pass   | 500k       | 16.29M           | 16.462M         | 16.02M           | 16.462M         |
| 5825MHz                        | Pass   | 500k       | 15.75M           | 16.432M         | 15.99M           | 16.432M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 21.72M           | 18.951M         | 21.72M           | 18.921M         |
| 5200MHz                        | Pass   | Inf        | 21.93M           | 18.921M         | 21.33M           | 18.921M         |
| 5240MHz                        | Pass   | Inf        | 21.66M           | 18.921M         | 22.23M           | 18.921M         |
| 5745MHz                        | Pass   | 500k       | 17.52M           | 18.921M         | 17.22M           | 18.861M         |
| 5785MHz                        | Pass   | 500k       | 18.15M           | 18.951M         | 18.18M           | 18.951M         |
| 5825MHz                        | Pass   | 500k       | 17.73M           | 18.951M         | 17.43M           | 18.951M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.8M            | 37.961M         | 41.16M           | 37.961M         |
| 5230MHz                        | Pass   | Inf        | 41.46M           | 37.901M         | 40.98M           | 37.961M         |
| 5755MHz                        | Pass   | 500k       | 37.68M           | 37.901M         | 37.56M           | 37.901M         |
| 5795MHz                        | Pass   | 500k       | 37.44M           | 37.841M         | 37.5M            | 37.901M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 82.68M           | 77.601M         | 82.68M           | 77.361M         |
| 5775MHz                        | Pass   | 500k       | 74.16M           | 77.481M         | 70.2M            | 77.841M         |

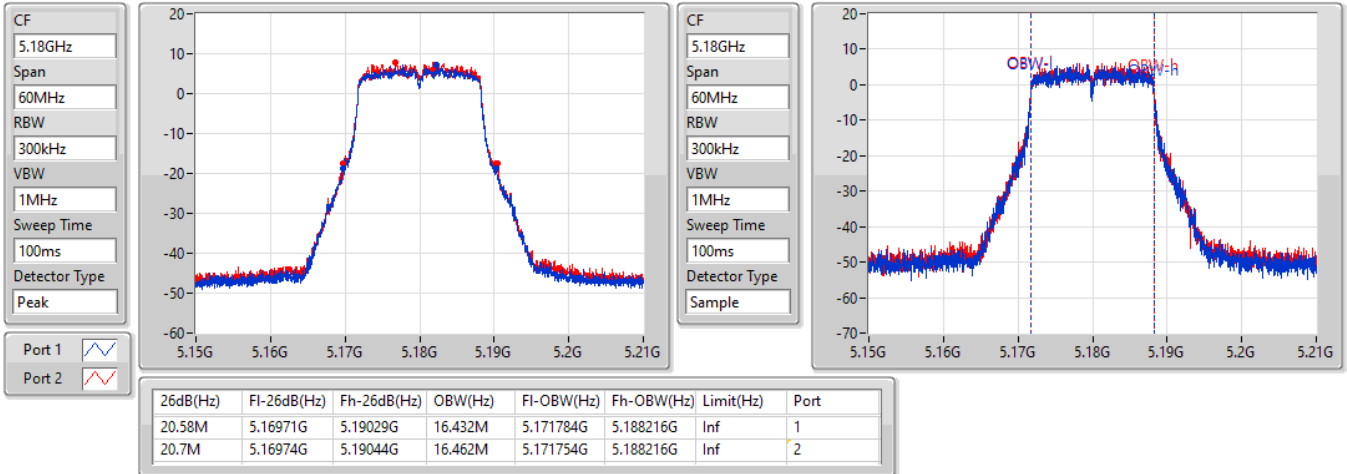
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

03/08/2021

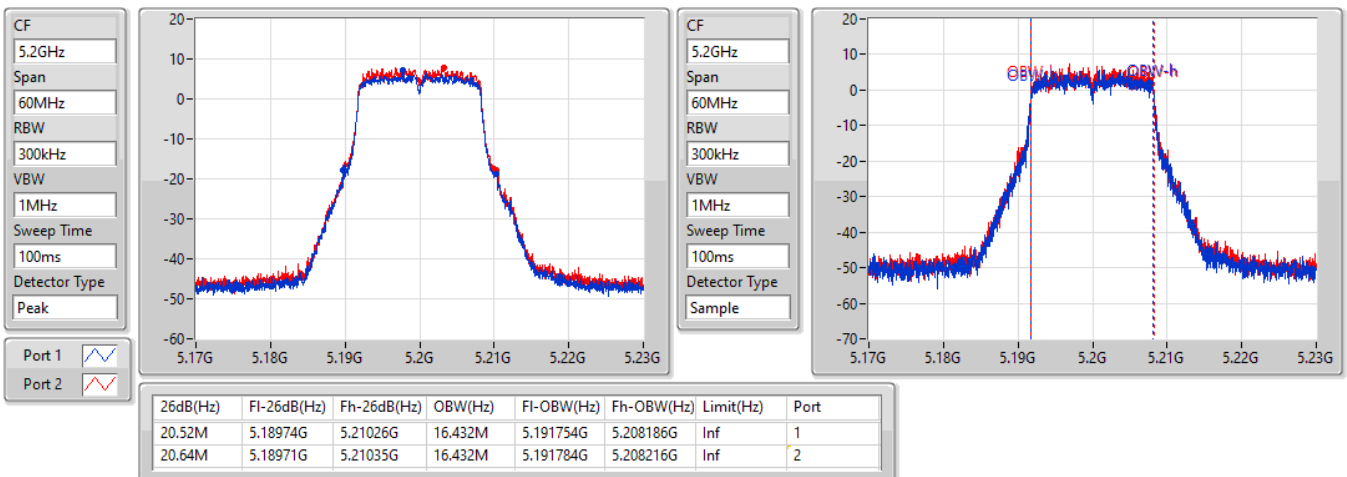


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5200MHz

03/08/2021

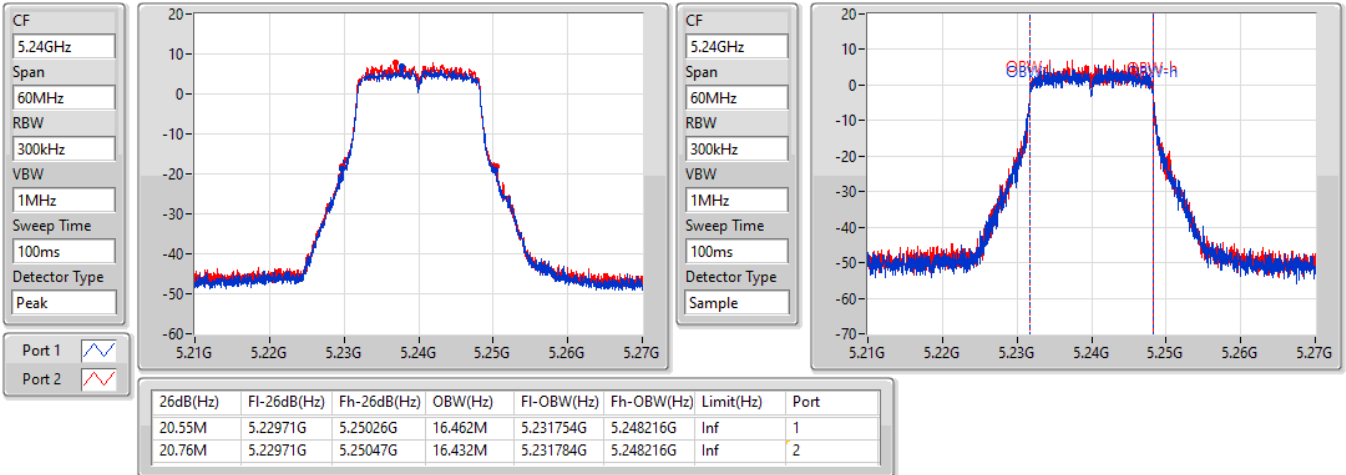


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

03/08/2021

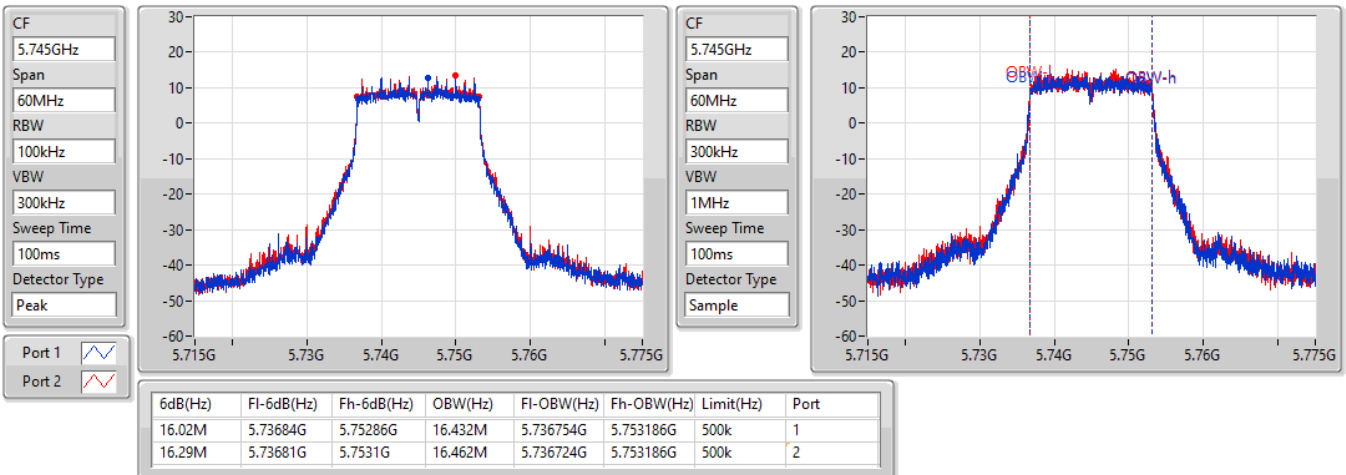


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

09/04/2021

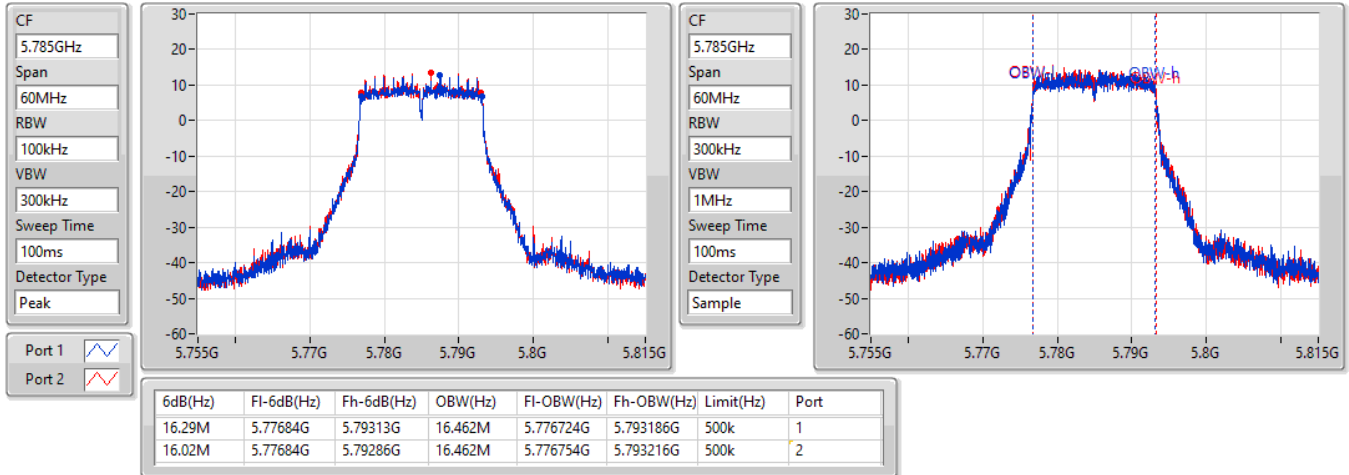


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

09/04/2021

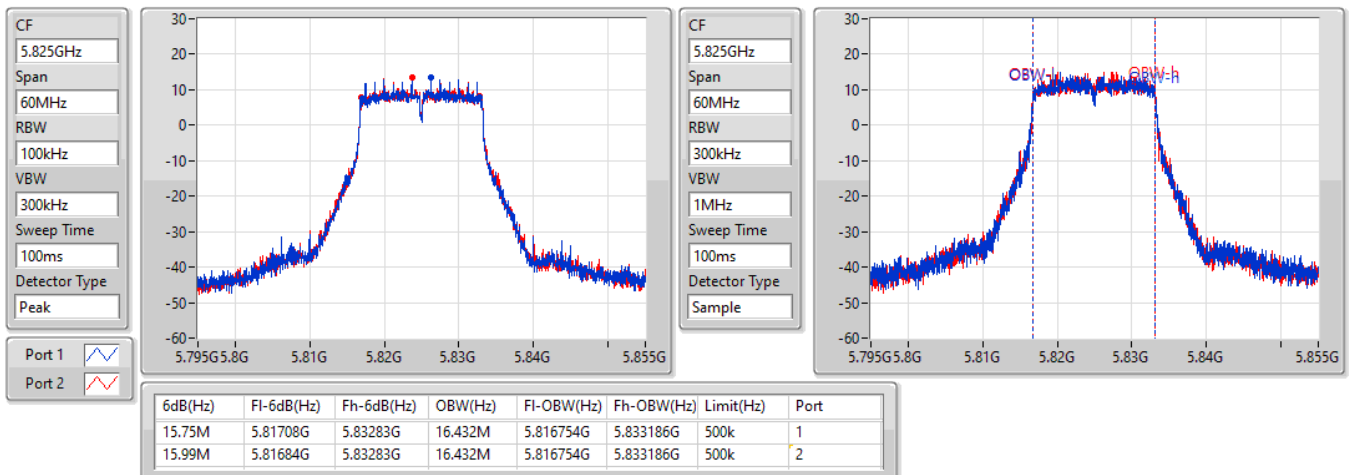


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

09/04/2021

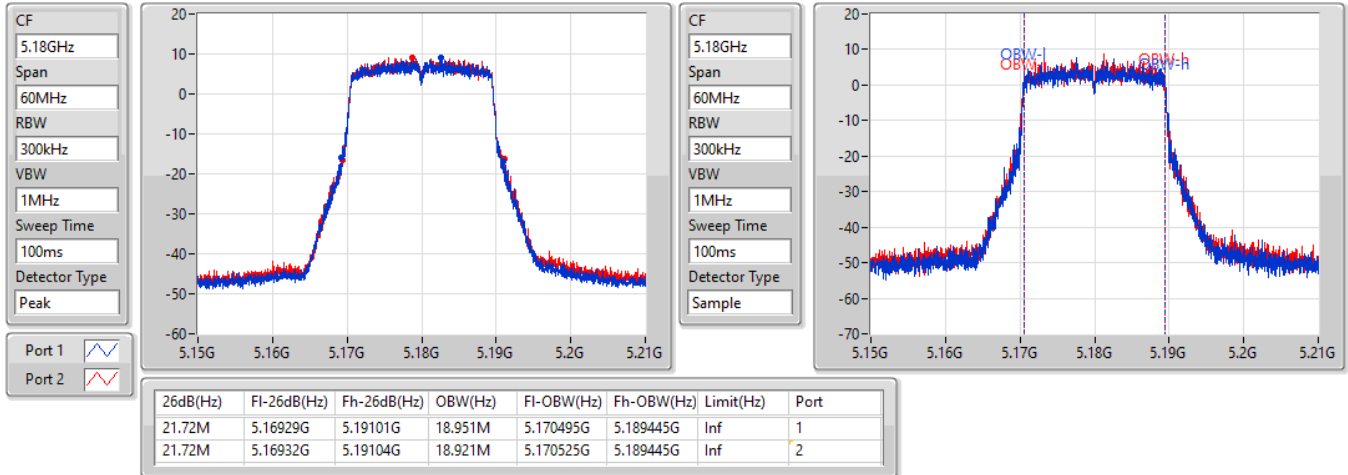


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

03/08/2021

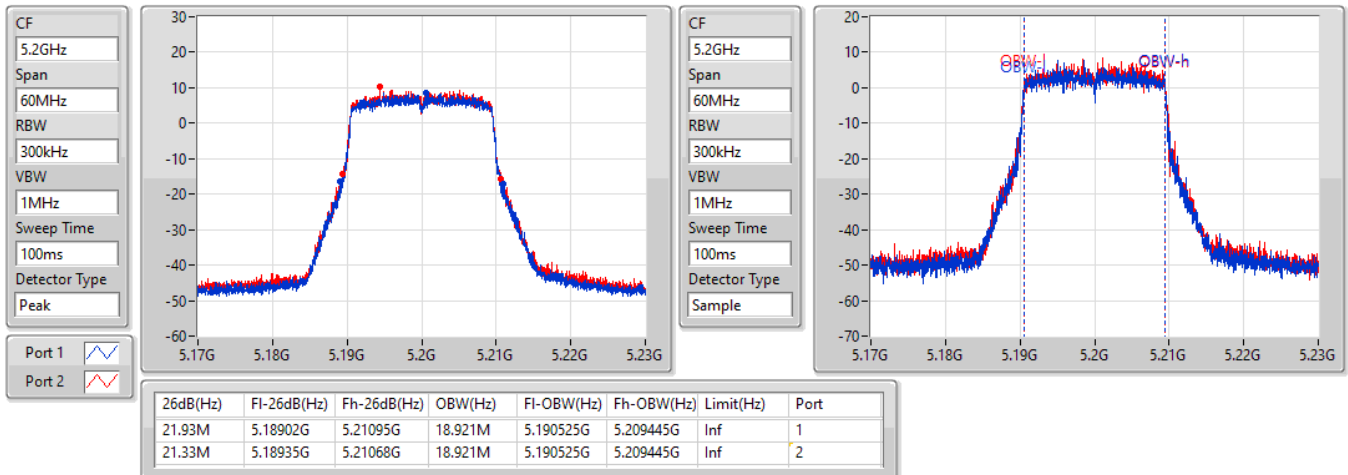


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5200MHz

03/08/2021

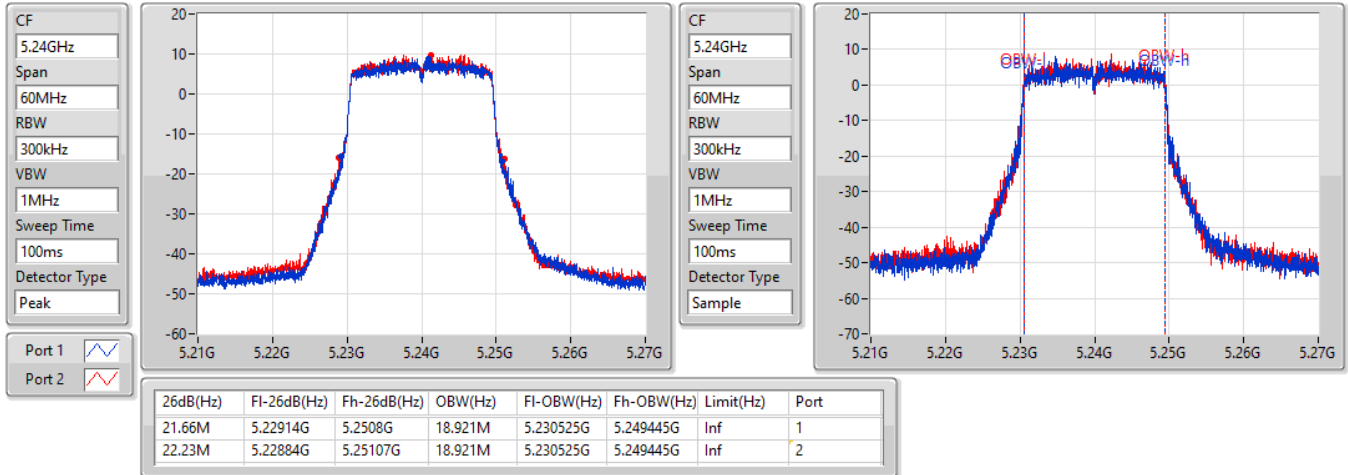


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5240MHz

03/08/2021

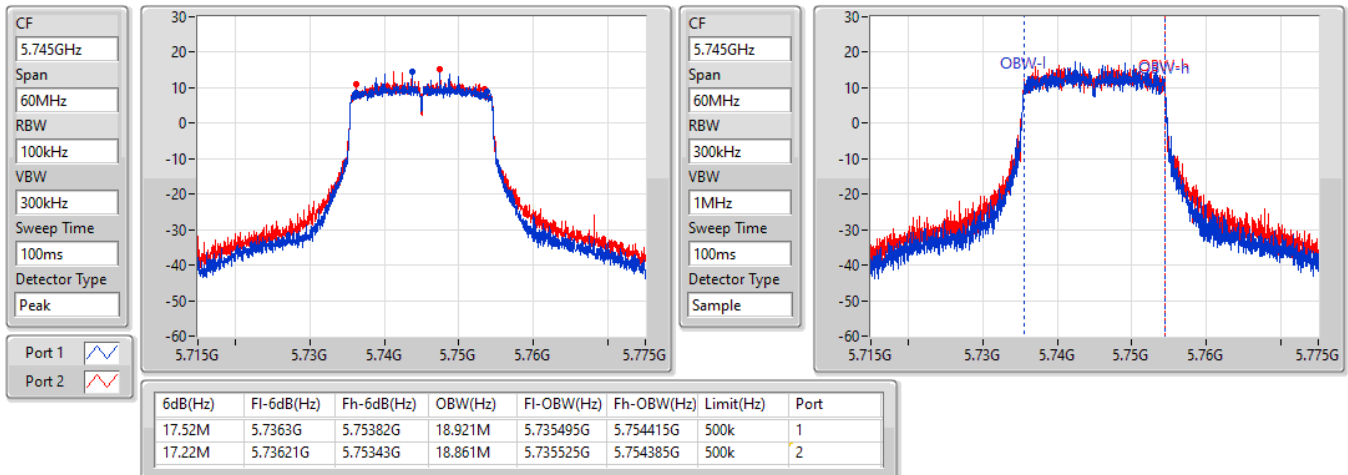


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5745MHz

09/04/2021

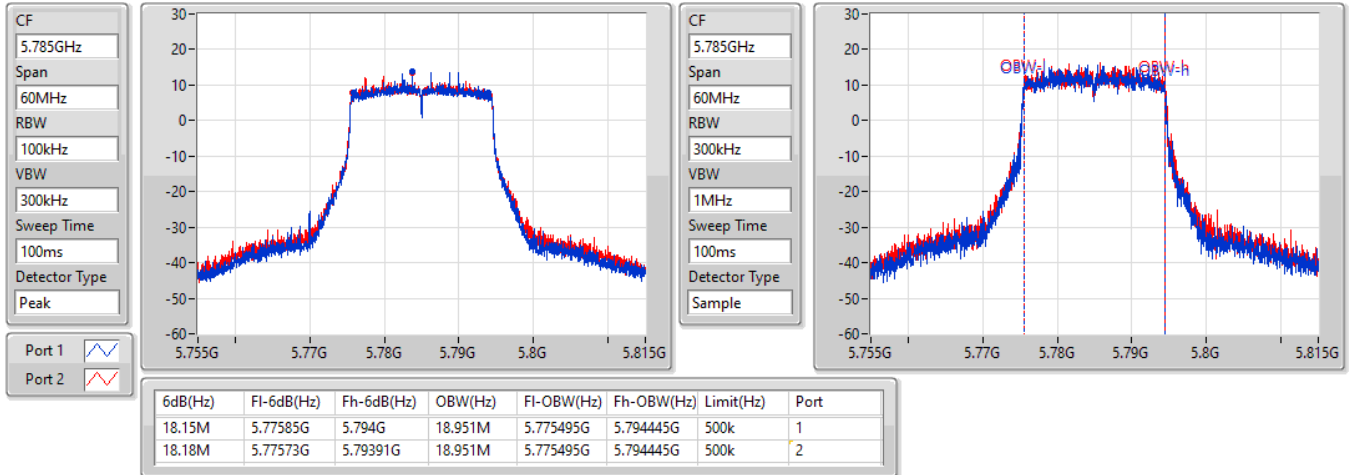


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

09/04/2021

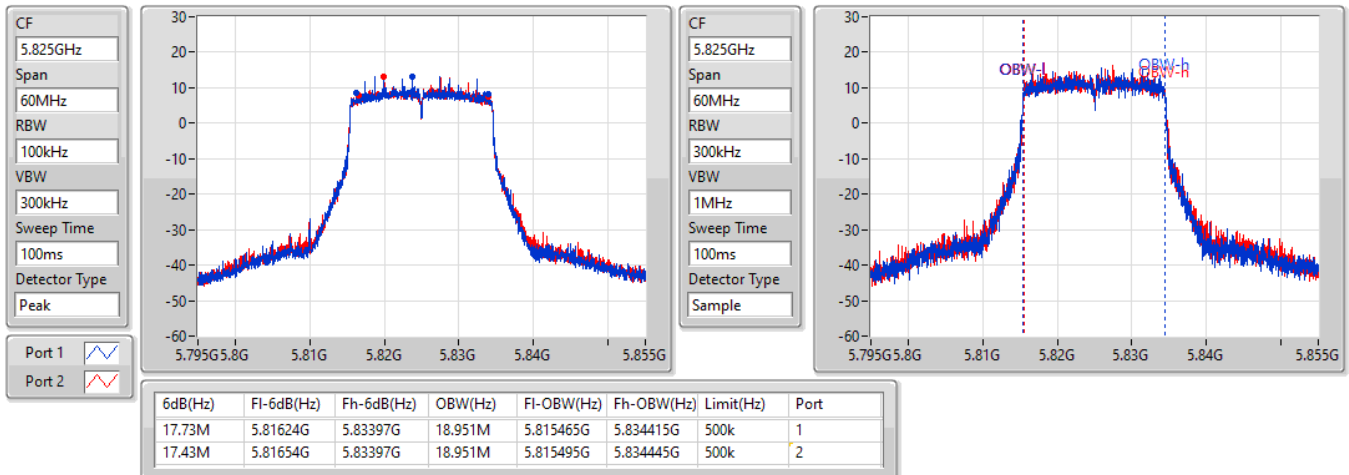


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

09/04/2021

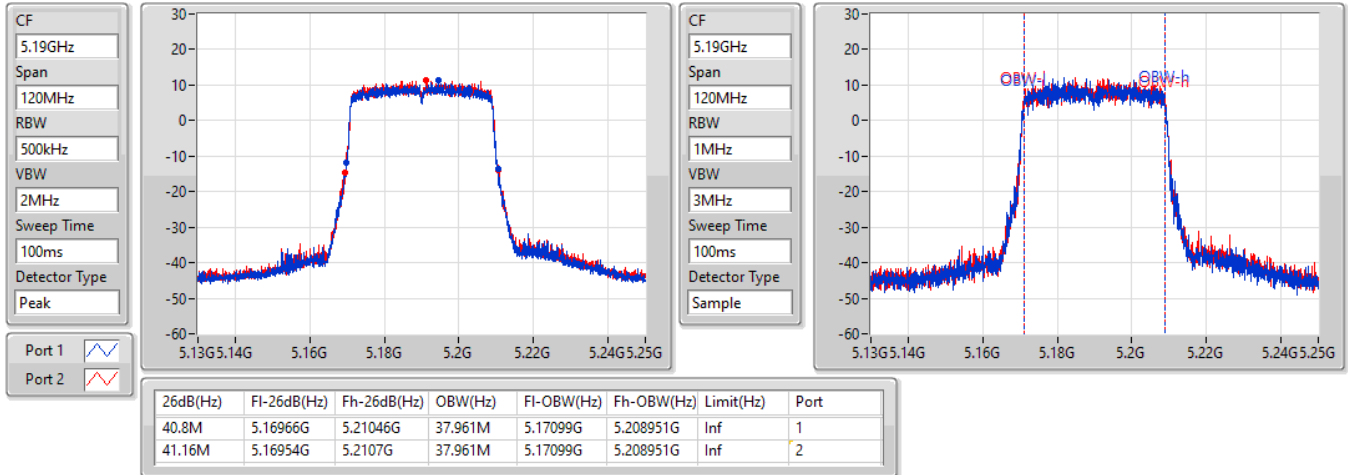


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

03/08/2021

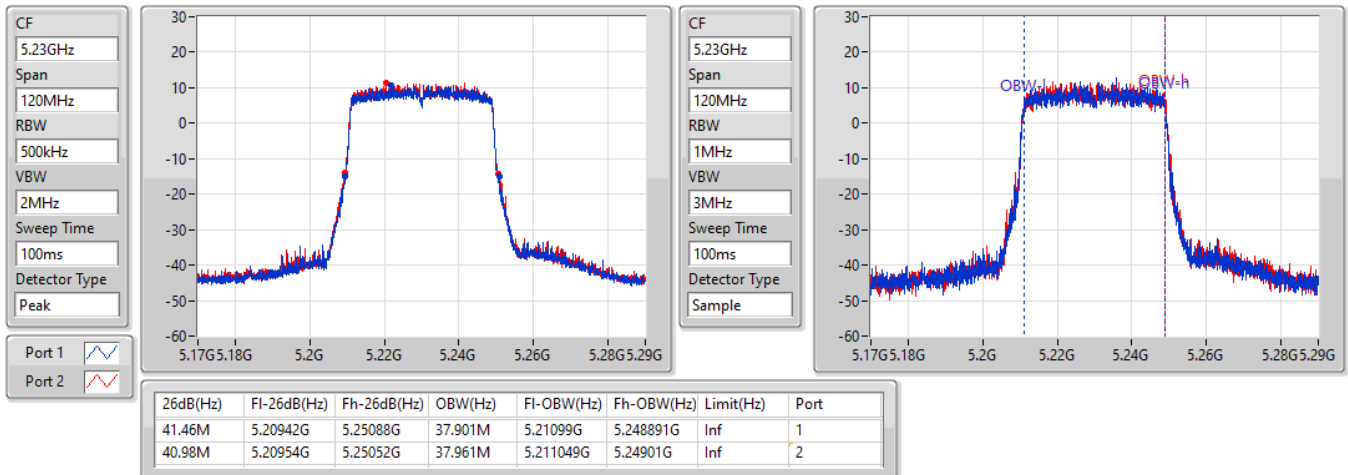


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

03/08/2021

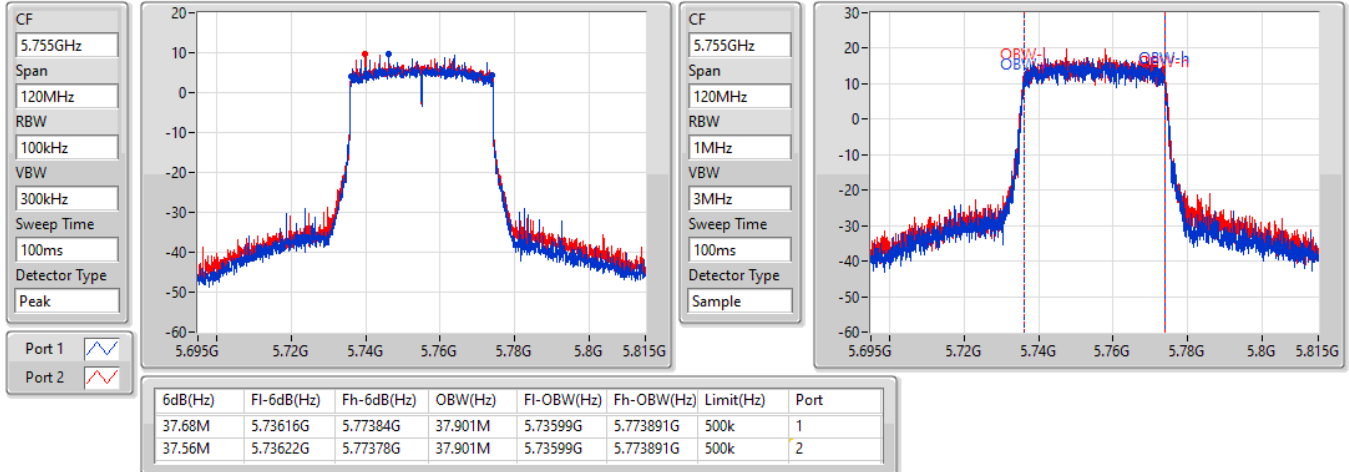


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5755MHz

09/04/2021

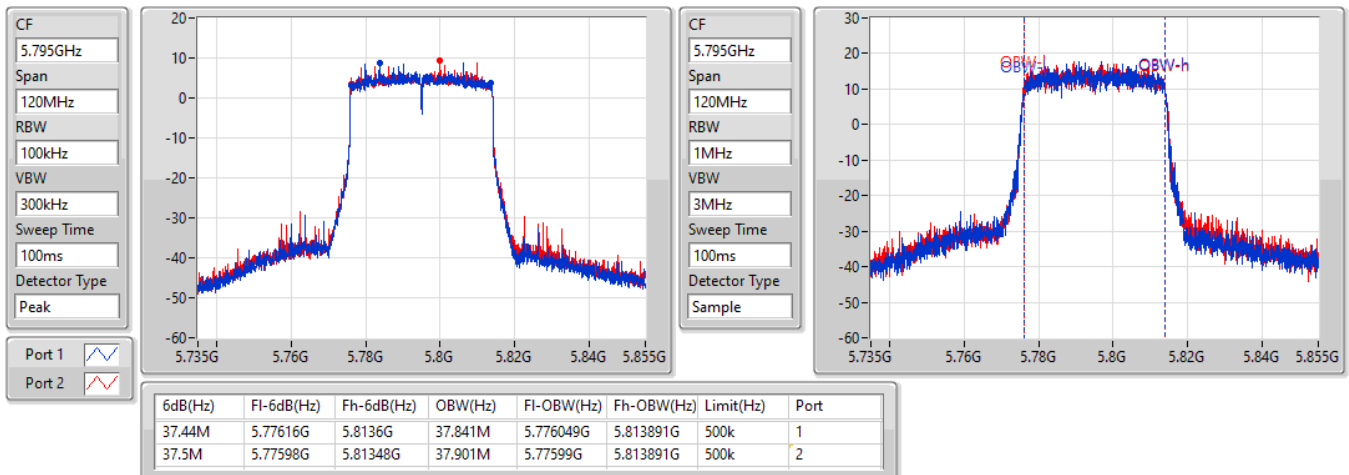


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5795MHz

09/04/2021

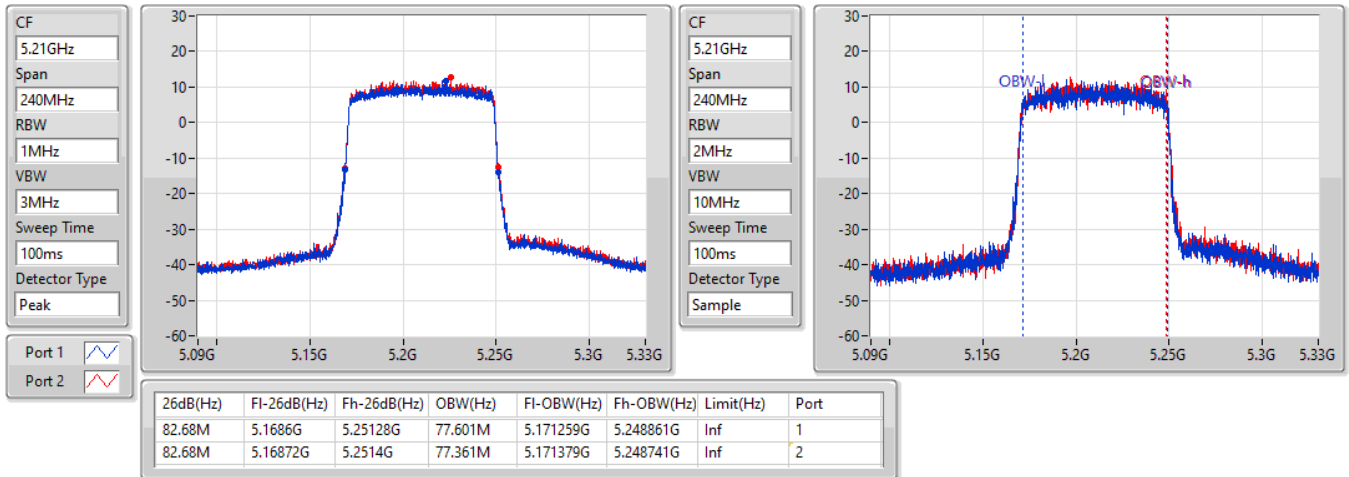


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5210MHz

03/08/2021

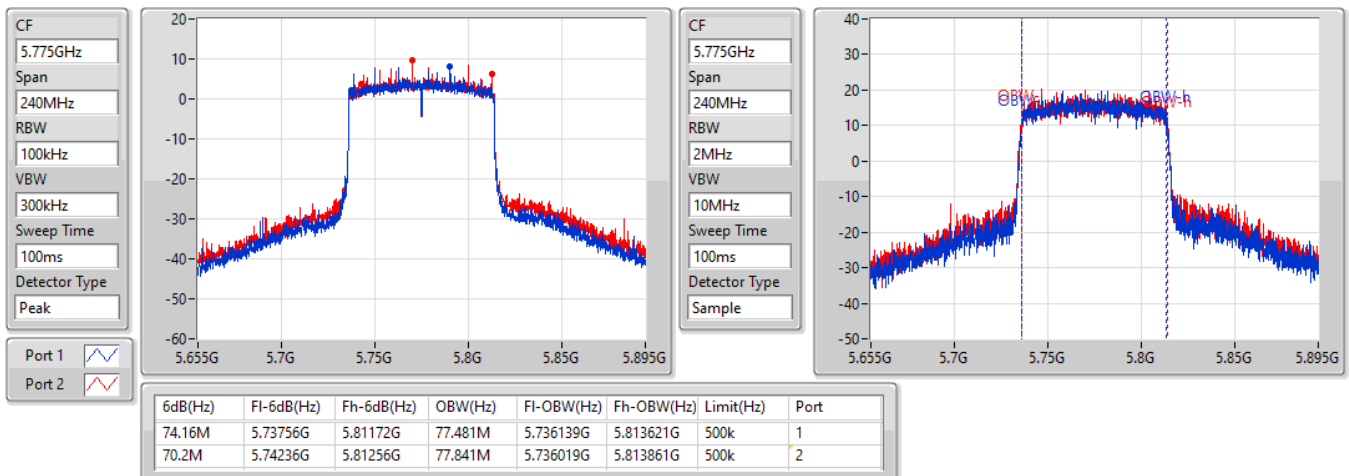


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5775MHz

09/04/2021



**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 23.62                | 0.23014            | 32.22         | 1.66725     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 23.63                | 0.23067            | 32.23         | 1.67109     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 23.69                | 0.23388            | 32.29         | 1.69434     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 22.81                | 0.19099            | 31.41         | 1.38357     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 26.49                | 0.44566            | 35.49         | 3.53997     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 26.44                | 0.44055            | 35.44         | 3.49945     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 26.14                | 0.41115            | 35.14         | 3.26588     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 26.23                | 0.41976            | 35.23         | 3.33426     |



## Average Power\_Non-Beamforming<Master mode>

## Appendix C.1

### Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.60/-2.7   | 19.93           | 20.65           | 23.32                | 27.40                | 31.92/20.62   | 36.00/21.00         |
| 5200MHz                        | Pass   | 8.60/-2.7   | 20.31           | 20.89           | 23.62                | 27.40                | 32.22/20.92   | 36.00/21.00         |
| 5240MHz                        | Pass   | 8.60/-2.7   | 19.72           | 20.66           | 23.23                | 27.40                | 31.83/20.53   | 36.00/21.00         |
| 5745MHz                        | Pass   | 9.00        | 23.15           | 23.78           | 26.49                | 27.00                | 35.49         | 36.00               |
| 5785MHz                        | Pass   | 9.00        | 23.30           | 23.58           | 26.45                | 27.00                | 35.45         | 36.00               |
| 5825MHz                        | Pass   | 9.00        | 23.38           | 23.56           | 26.48                | 27.00                | 35.48         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.60/-2.7   | 19.86           | 20.62           | 23.27                | 27.40                | 31.87/20.57   | 36.00/21.00         |
| 5200MHz                        | Pass   | 8.60/-2.7   | 20.36           | 20.86           | 23.63                | 27.40                | 32.23/20.93   | 36.00/21.00         |
| 5240MHz                        | Pass   | 8.60/-2.7   | 19.73           | 20.71           | 23.26                | 27.40                | 31.86/20.56   | 36.00/21.00         |
| 5745MHz                        | Pass   | 9.00        | 22.82           | 23.46           | 26.16                | 27.00                | 35.16         | 36.00               |
| 5785MHz                        | Pass   | 9.00        | 23.08           | 23.54           | 26.33                | 27.00                | 35.33         | 36.00               |
| 5825MHz                        | Pass   | 9.00        | 23.30           | 23.55           | 26.44                | 27.00                | 35.44         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.60/-2.7   | 20.40           | 20.95           | 23.69                | 27.40                | 32.29/20.99   | 36.00/21.00         |
| 5230MHz                        | Pass   | 8.60/-2.7   | 19.90           | 20.82           | 23.39                | 27.40                | 31.99/20.69   | 36.00/21.00         |
| 5755MHz                        | Pass   | 9.00        | 22.85           | 23.39           | 26.14                | 27.00                | 35.14         | 36.00               |
| 5795MHz                        | Pass   | 9.00        | 22.99           | 23.18           | 26.10                | 27.00                | 35.10         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.60/-2.7   | 19.51           | 20.08           | 22.81                | 27.40                | 31.41/20.11   | 36.00/21.00         |
| 5775MHz                        | Pass   | 9.00        | 23.01           | 23.42           | 26.23                | 27.00                | 35.23         | 36.00               |

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

### Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.15                | 0.10351            | 31.51         | 1.41579     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 20.35                | 0.10839            | 31.71         | 1.48252     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.49                | 0.11194            | 31.85         | 1.53109     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 23.20                | 0.20893            | 35.01         | 3.16957     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 23.30                | 0.21380            | 35.11         | 3.24340     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 23.48                | 0.22284            | 35.29         | 3.38065     |

### Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.36/0.11  | 17.42           | 16.60           | 20.04                | 24.64                | 31.40/20.15   | 36.00/21.00         |
| 5200MHz                           | Pass   | 11.36/0.11  | 17.18           | 17.10           | 20.15                | 24.64                | 31.51/20.26   | 36.00/21.00         |
| 5240MHz                           | Pass   | 11.36/0.11  | 15.98           | 15.28           | 18.65                | 24.64                | 30.01/18.76   | 36.00/21.00         |
| 5745MHz                           | Pass   | 11.81       | 20.44           | 19.92           | 23.20                | 24.19                | 35.01         | 36.00               |
| 5785MHz                           | Pass   | 11.81       | 19.90           | 20.09           | 23.01                | 24.19                | 34.82         | 36.00               |
| 5825MHz                           | Pass   | 11.81       | 19.01           | 19.04           | 22.04                | 24.19                | 33.85         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.36/0.11  | 16.69           | 17.29           | 20.01                | 24.64                | 31.37/20.12   | 36.00/21.00         |
| 5230MHz                           | Pass   | 11.36/0.11  | 17.14           | 17.54           | 20.35                | 24.64                | 31.71/20.46   | 36.00/21.00         |
| 5755MHz                           | Pass   | 11.81       | 20.55           | 20.01           | 23.30                | 24.19                | 35.11         | 36.00               |
| 5795MHz                           | Pass   | 11.81       | 19.73           | 19.85           | 22.80                | 24.19                | 34.61         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.36/0.11  | 17.51           | 17.45           | 20.49                | 24.64                | 31.85/20.60   | 36.00/21.00         |
| 5775MHz                           | Pass   | 11.81       | 20.55           | 20.38           | 23.48                | 24.19                | 35.29         | 36.00               |

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

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 18.29                | 0.06745            | 26.89         | 0.48865     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 19.08                | 0.08091            | 27.68         | 0.58614     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 20.78                | 0.11967            | 29.38         | 0.86696     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 20.85                | 0.12162            | 29.45         | 0.88105     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 26.49                | 0.44566            | 35.49         | 3.53997     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 26.44                | 0.44055            | 35.44         | 3.49945     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 26.14                | 0.41115            | 35.14         | 3.26588     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 26.23                | 0.41976            | 35.23         | 3.33426     |

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.60        | 14.87           | 15.37           | 18.14                | 21.38                | 26.74         | 30.00               |
| 5200MHz                        | Pass   | 8.60        | 14.83           | 15.68           | 18.29                | 21.38                | 26.89         | 30.00               |
| 5240MHz                        | Pass   | 8.60        | 14.63           | 15.32           | 18.00                | 21.38                | 26.60         | 30.00               |
| 5745MHz                        | Pass   | 9.00        | 23.15           | 23.78           | 26.49                | 27.00                | 35.49         | 36.00               |
| 5785MHz                        | Pass   | 9.00        | 23.30           | 23.58           | 26.45                | 27.00                | 35.45         | 36.00               |
| 5825MHz                        | Pass   | 9.00        | 23.38           | 23.56           | 26.48                | 27.00                | 35.48         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.60        | 15.35           | 15.90           | 18.64                | 21.38                | 27.24         | 30.00               |
| 5200MHz                        | Pass   | 8.60        | 15.36           | 16.12           | 18.77                | 21.38                | 27.37         | 30.00               |
| 5240MHz                        | Pass   | 8.60        | 15.68           | 16.42           | 19.08                | 21.38                | 27.68         | 30.00               |
| 5745MHz                        | Pass   | 9.00        | 22.82           | 23.46           | 26.16                | 27.00                | 35.16         | 36.00               |
| 5785MHz                        | Pass   | 9.00        | 23.08           | 23.54           | 26.33                | 27.00                | 35.33         | 36.00               |
| 5825MHz                        | Pass   | 9.00        | 23.30           | 23.55           | 26.44                | 27.00                | 35.44         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.60        | 17.56           | 17.97           | 20.78                | 21.38                | 29.38         | 30.00               |
| 5230MHz                        | Pass   | 8.60        | 17.51           | 18.02           | 20.78                | 21.38                | 29.38         | 30.00               |
| 5755MHz                        | Pass   | 9.00        | 22.85           | 23.39           | 26.14                | 27.00                | 35.14         | 36.00               |
| 5795MHz                        | Pass   | 9.00        | 22.99           | 23.18           | 26.10                | 27.00                | 35.10         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.60        | 17.56           | 18.11           | 20.85                | 21.38                | 29.45         | 30.00               |
| 5775MHz                        | Pass   | 9.00        | 23.01           | 23.42           | 26.23                | 27.00                | 35.23         | 36.00               |

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

**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 11.37           | 22.73                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 10.53           | 21.89                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 7.85            | 19.21                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 3.90            | 15.26                |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 12.82           | 24.63                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 11.70           | 23.51                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 8.26            | 20.07                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 5.37            | 17.18                |

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



Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 11.36       | 8.11                | 8.73                | 11.37           | 11.64                 | 22.73                | 23.00                      |
| 5200MHz                        | Pass   | 11.36       | 8.09                | 8.42                | 11.14           | 11.64                 | 22.50                | 23.00                      |
| 5240MHz                        | Pass   | 11.36       | 7.32                | 8.25                | 10.75           | 11.64                 | 22.11                | 23.00                      |
| 5745MHz                        | Pass   | 11.81       | 9.37                | 10.04               | 12.66           | 24.19                 | 24.47                | 36.00                      |
| 5785MHz                        | Pass   | 11.81       | 9.58                | 10.02               | 12.82           | 24.19                 | 24.63                | 36.00                      |
| 5825MHz                        | Pass   | 11.81       | 9.67                | 10.02               | 12.64           | 24.19                 | 24.45                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 11.36       | 6.92                | 7.64                | 10.25           | 11.64                 | 21.61                | 23.00                      |
| 5200MHz                        | Pass   | 11.36       | 7.25                | 8.01                | 10.53           | 11.64                 | 21.89                | 23.00                      |
| 5240MHz                        | Pass   | 11.36       | 6.63                | 7.61                | 10.07           | 11.64                 | 21.43                | 23.00                      |
| 5745MHz                        | Pass   | 11.81       | 7.78                | 8.43                | 11.06           | 24.19                 | 22.87                | 36.00                      |
| 5785MHz                        | Pass   | 11.81       | 8.21                | 8.47                | 11.14           | 24.19                 | 22.95                | 36.00                      |
| 5825MHz                        | Pass   | 11.81       | 8.82                | 8.92                | 11.70           | 24.19                 | 23.51                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 11.36       | 4.57                | 5.10                | 7.85            | 11.64                 | 19.21                | 23.00                      |
| 5230MHz                        | Pass   | 11.36       | 3.98                | 4.85                | 7.35            | 11.64                 | 18.71                | 23.00                      |
| 5755MHz                        | Pass   | 11.81       | 4.97                | 5.69                | 8.26            | 24.19                 | 20.07                | 36.00                      |
| 5795MHz                        | Pass   | 11.81       | 5.26                | 5.42                | 8.22            | 24.19                 | 20.03                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 11.36       | 0.71                | 1.26                | 3.90            | 11.64                 | 15.26                | 23.00                      |
| 5775MHz                        | Pass   | 11.81       | 2.29                | 2.62                | 5.37            | 24.19                 | 17.18                | 36.00                      |

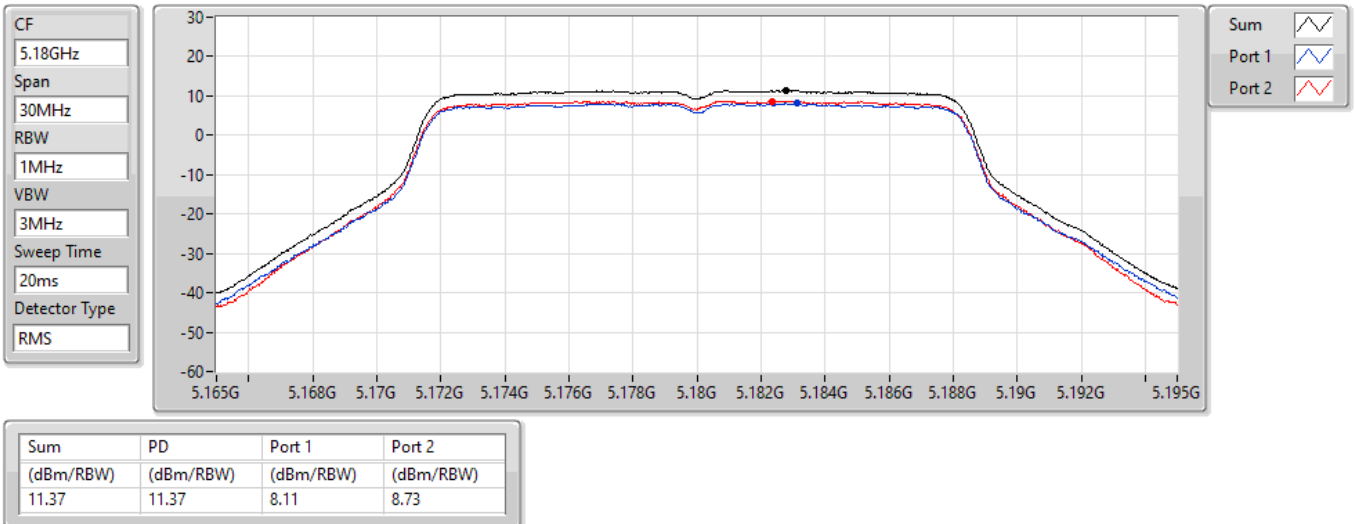
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

## PSD

5180MHz

21/05/2021

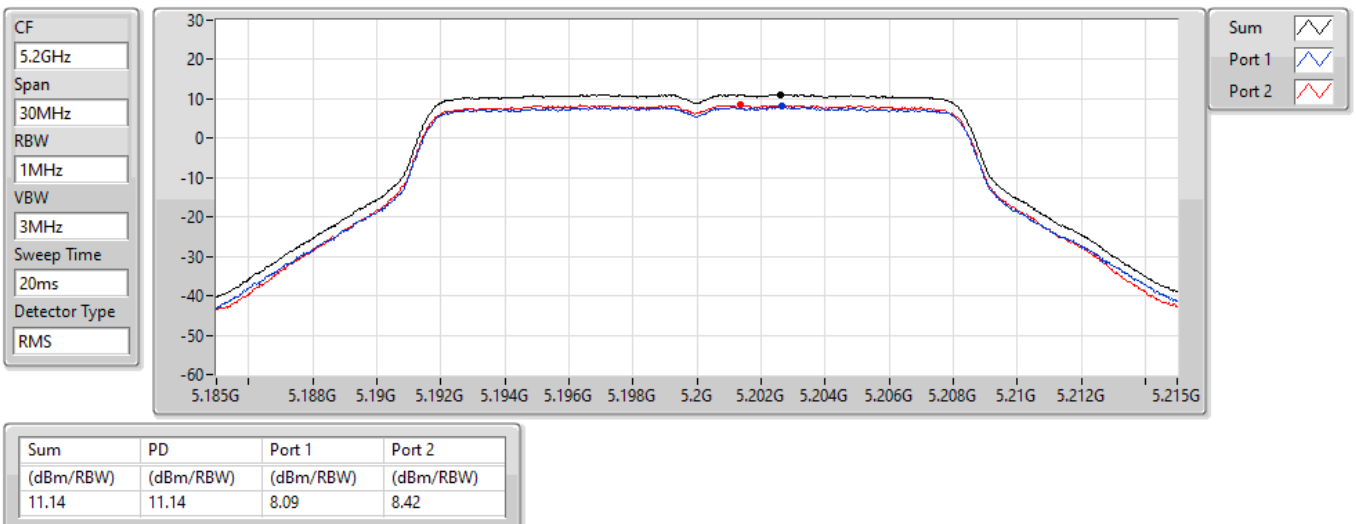


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5200MHz

21/05/2021

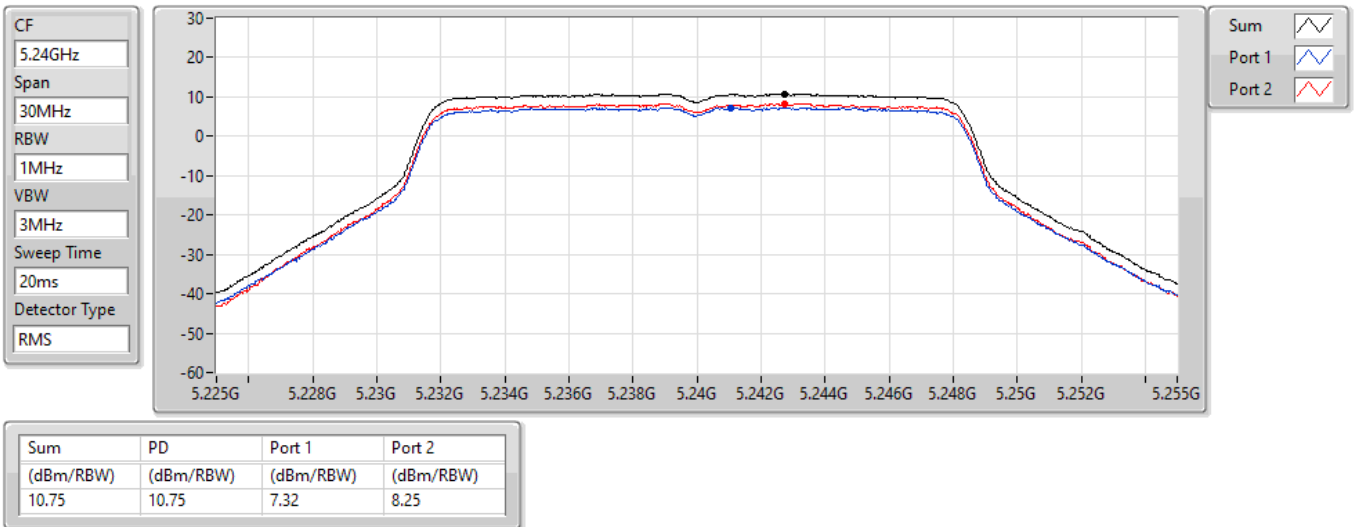


## 802.11a\_Nss1,(6Mbps)\_2TX

5240MHz

PSD

21/05/2021

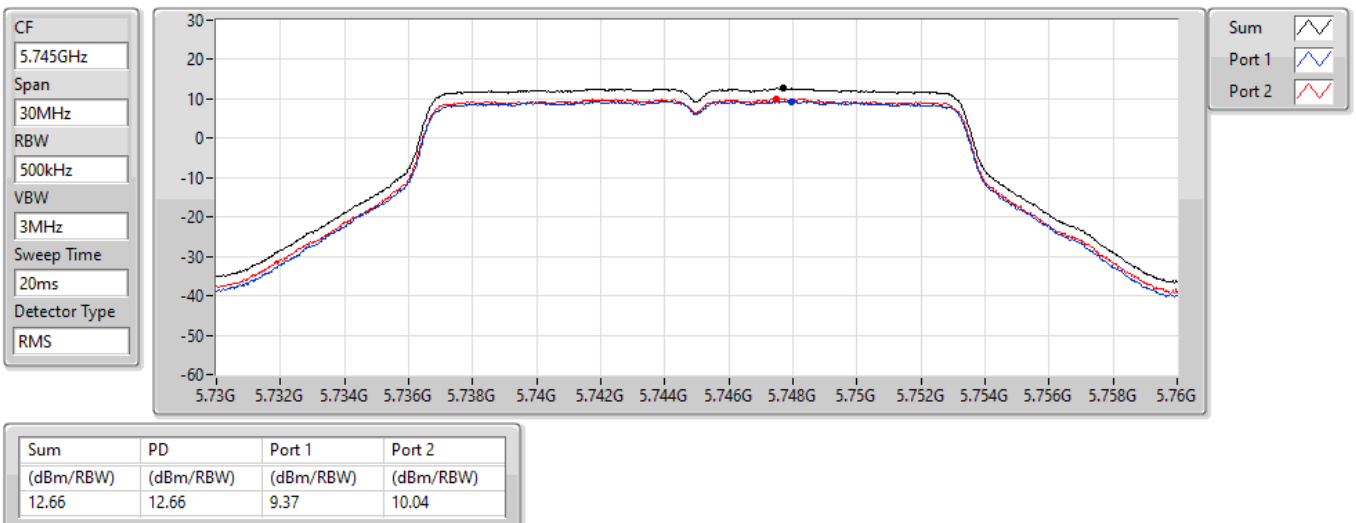


## 802.11a\_Nss1,(6Mbps)\_2TX

5745MHz

PSD

09/04/2021

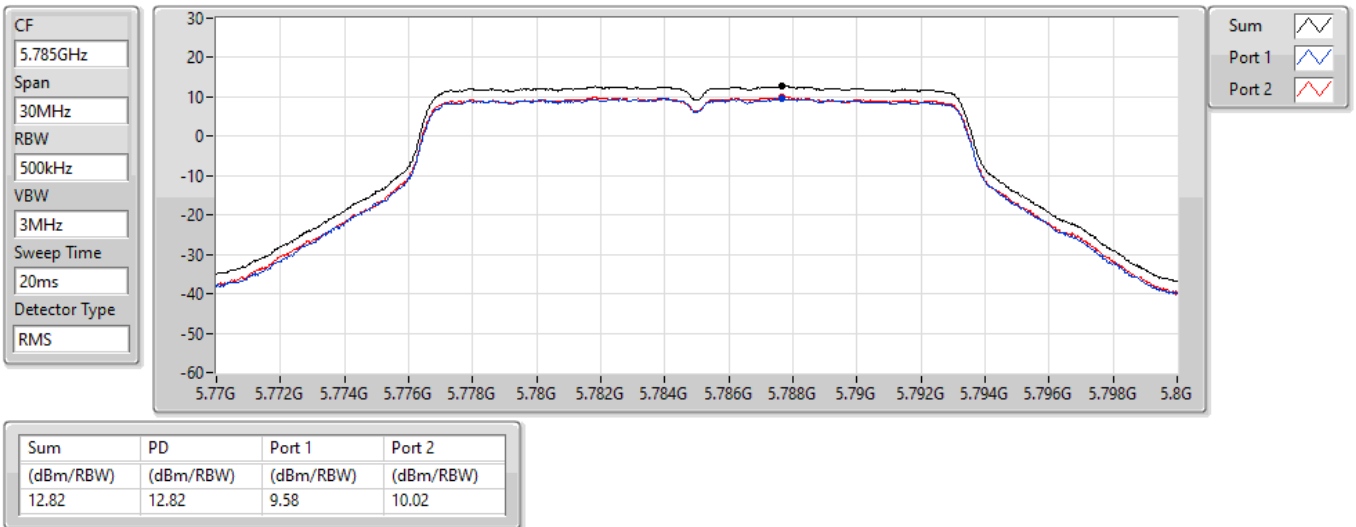


## 802.11a\_Nss1,(6Mbps)\_2TX

5785MHz

PSD

09/04/2021

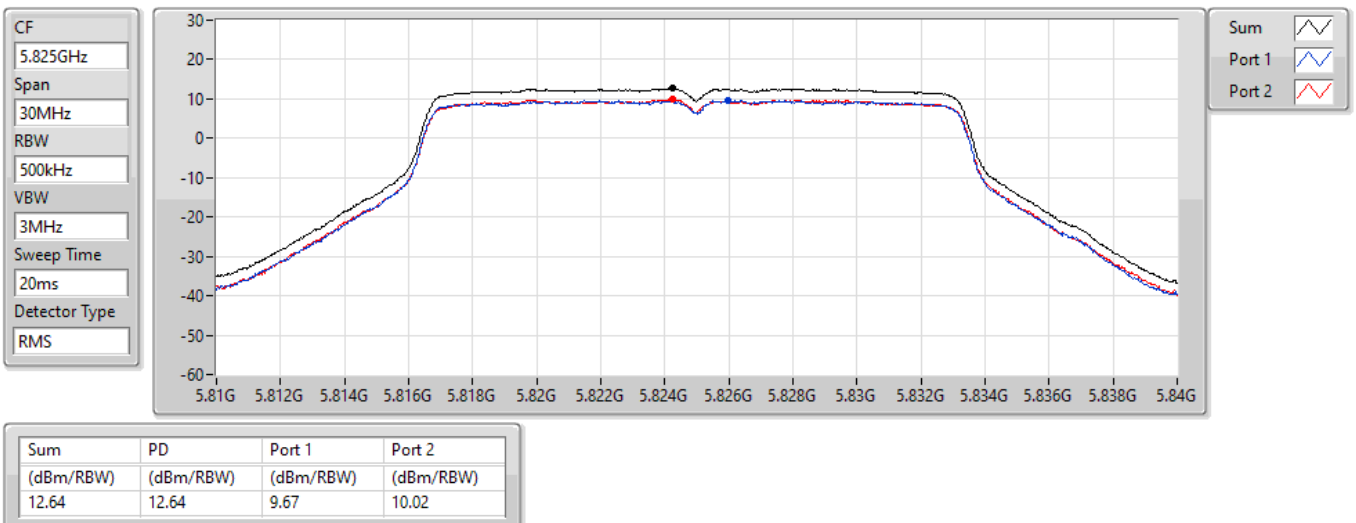


## 802.11a\_Nss1,(6Mbps)\_2TX

5825MHz

PSD

09/04/2021

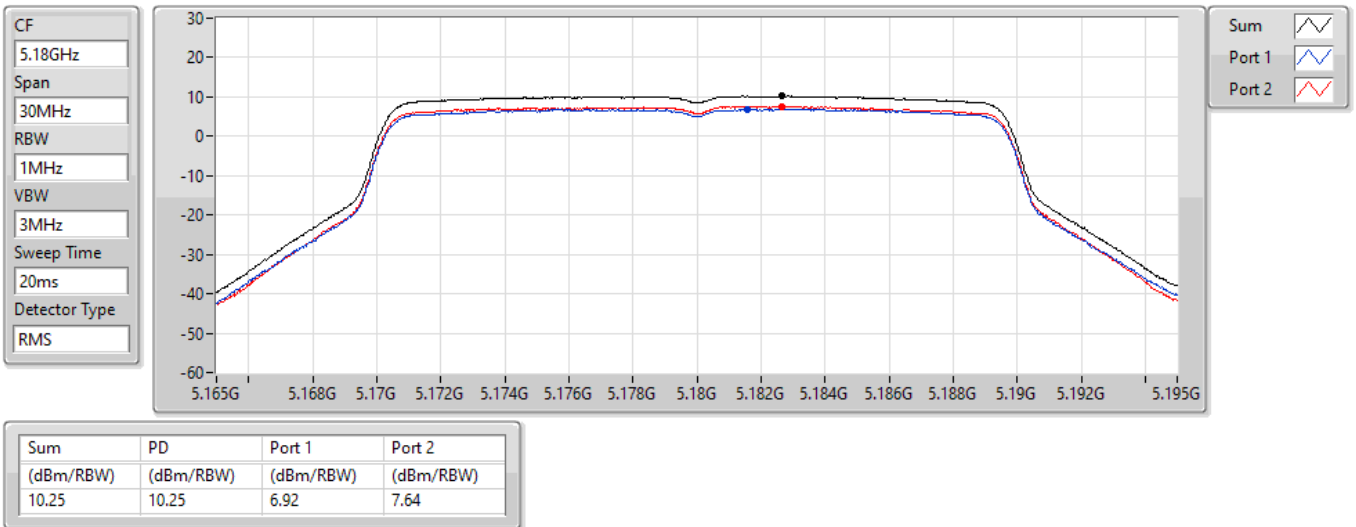


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5180MHz

21/05/2021

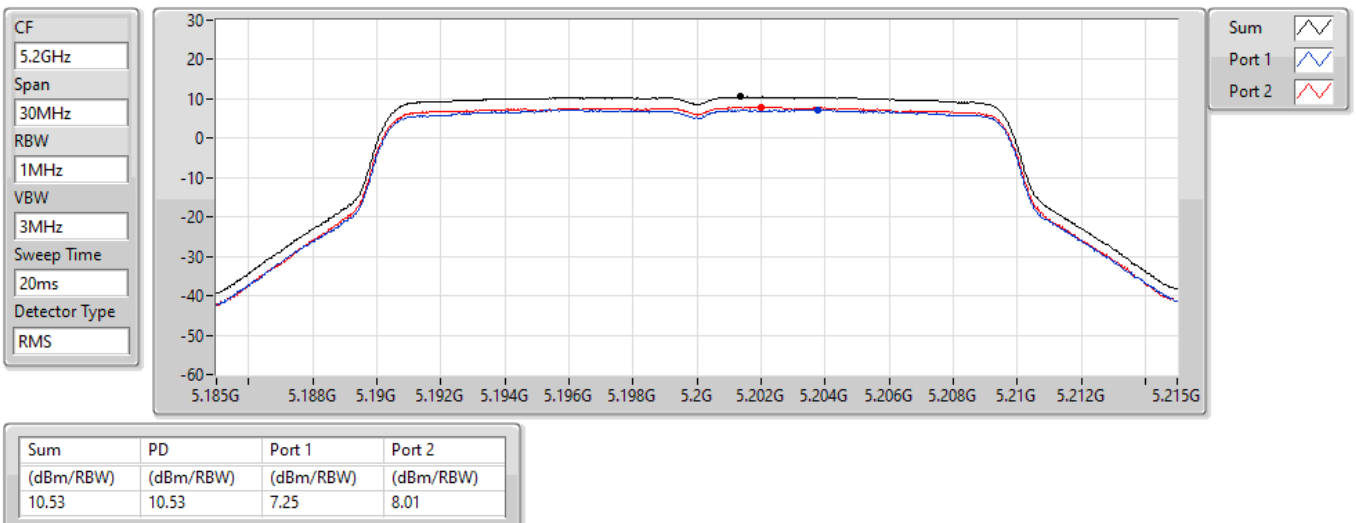


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5200MHz

21/05/2021

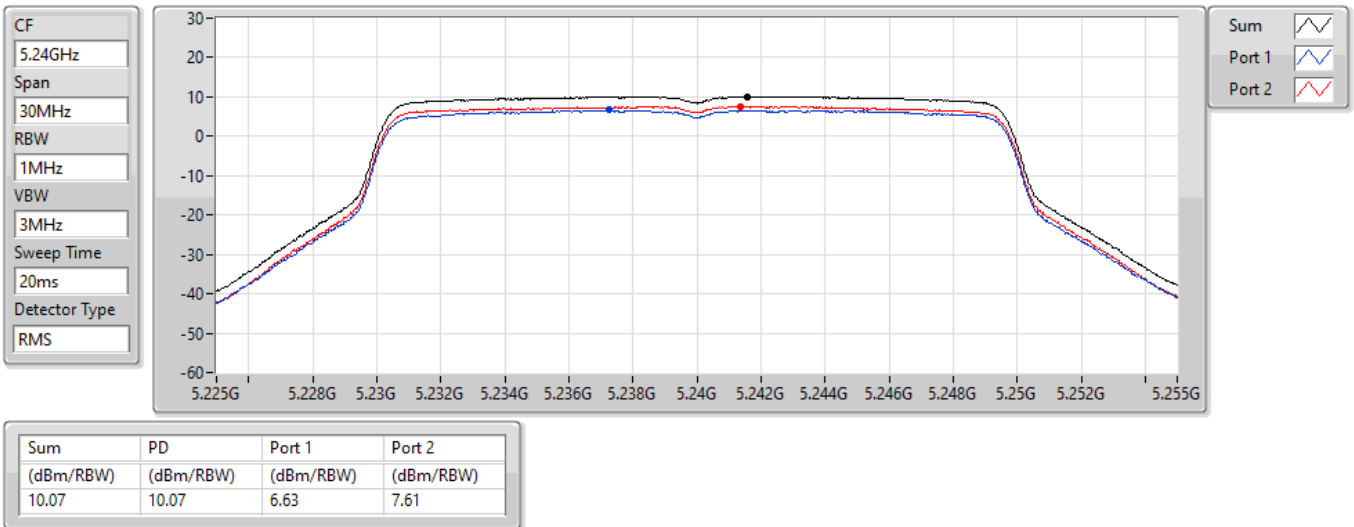


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5240MHz

21/05/2021

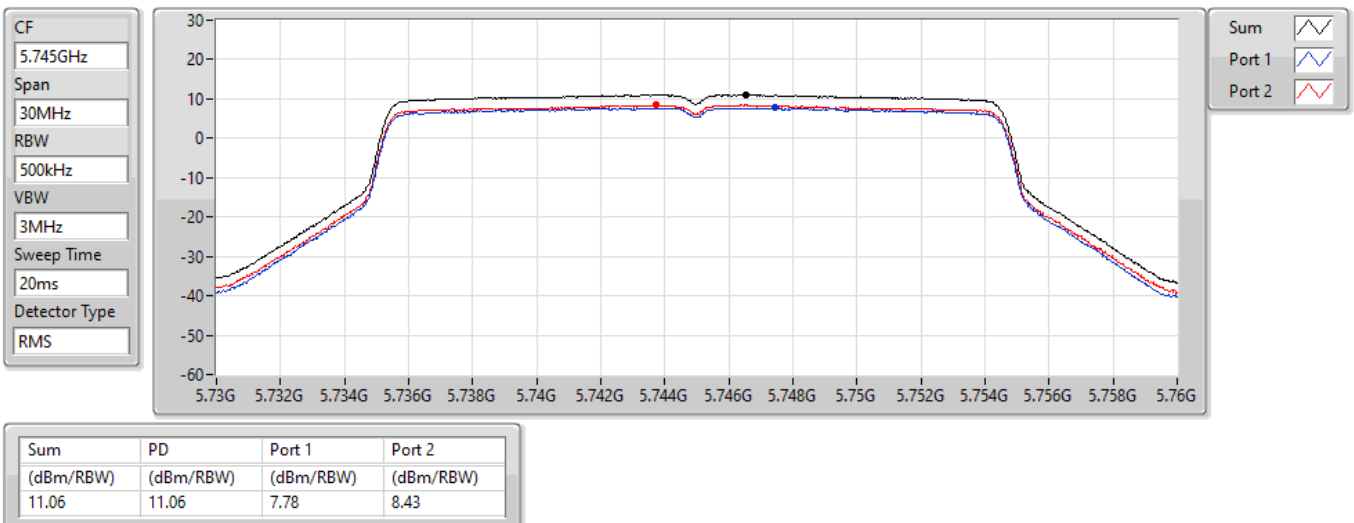


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5745MHz

15/04/2021

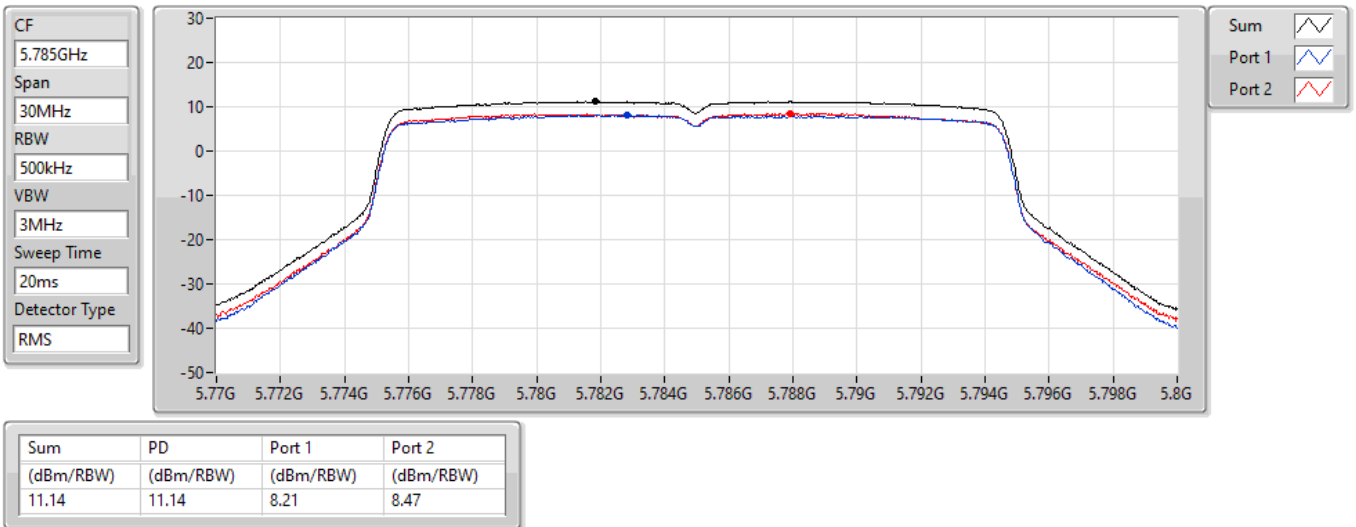


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5785MHz

15/04/2021

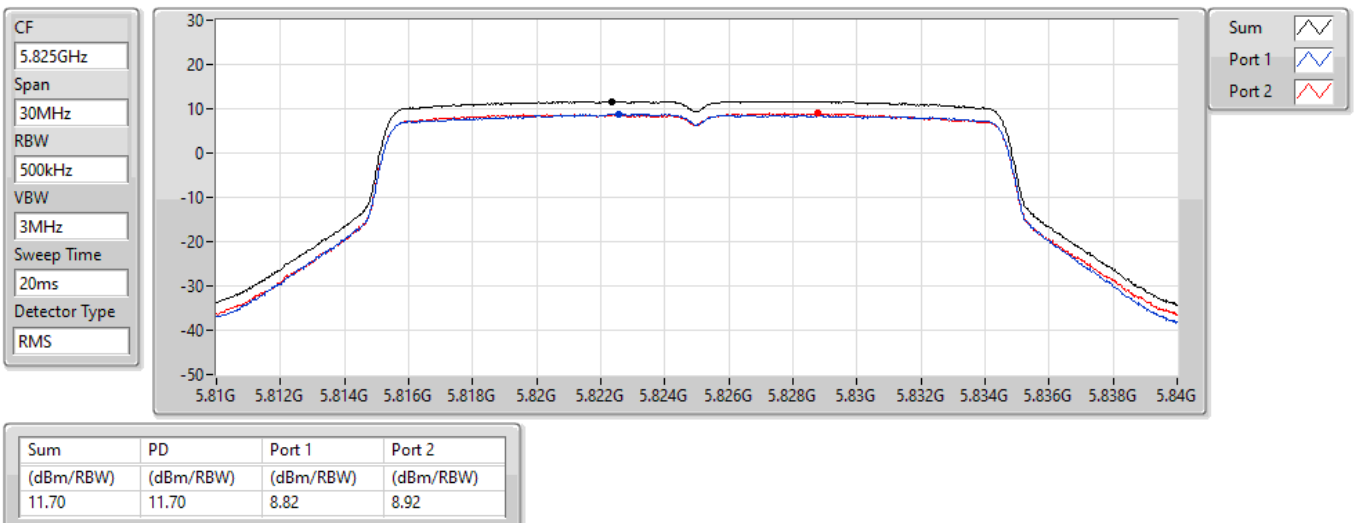


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5825MHz

09/04/2021

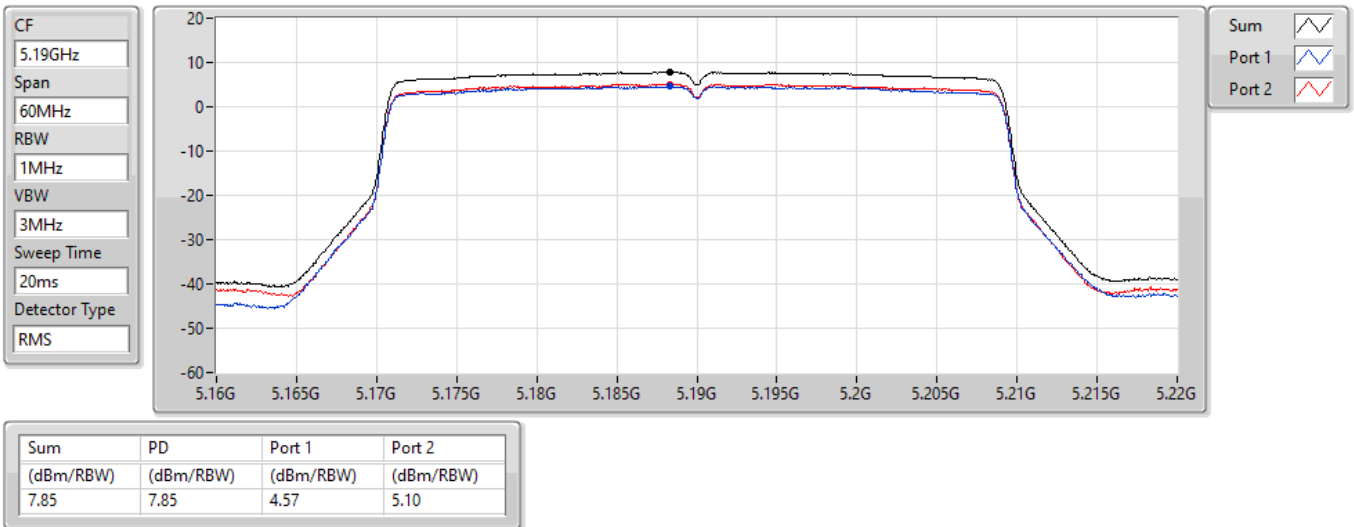


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5190MHz

21/05/2021

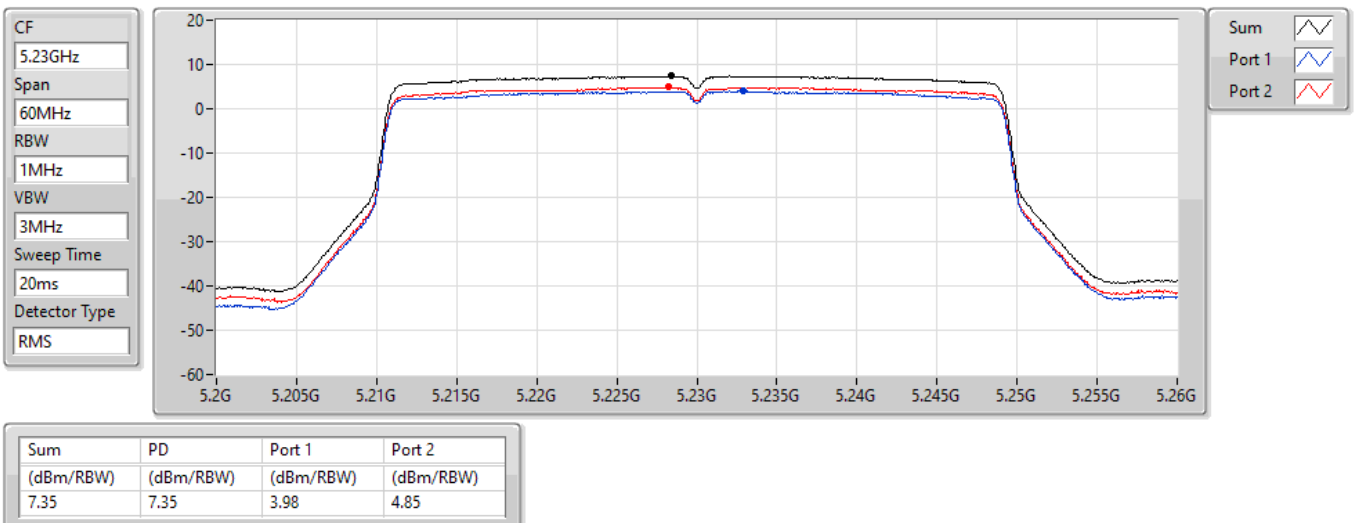


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5230MHz

21/05/2021

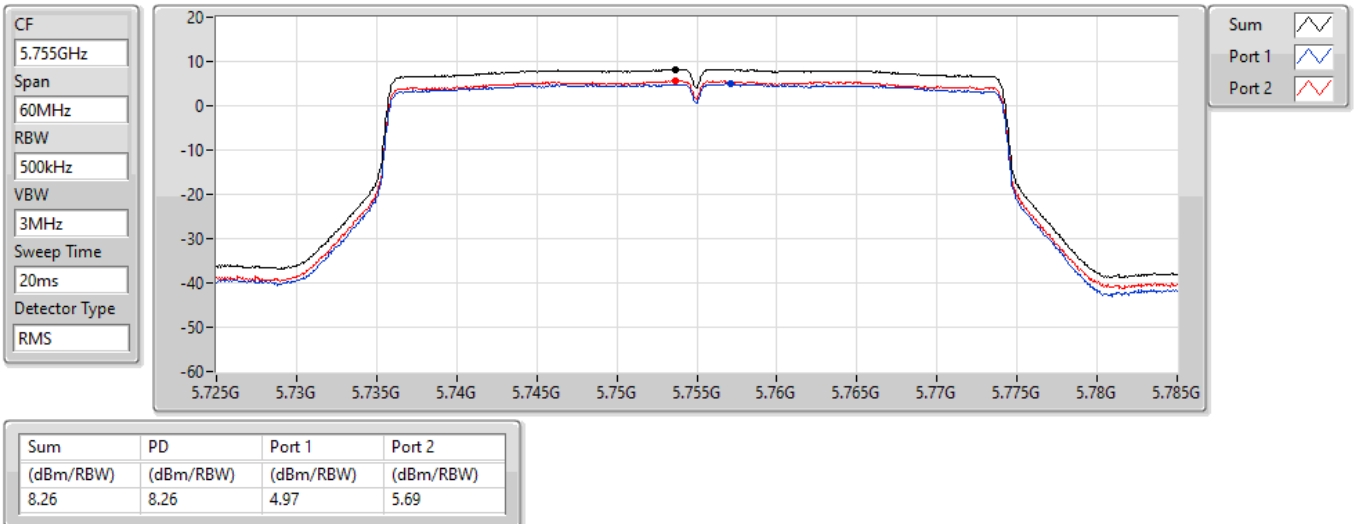


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5755MHz

15/04/2021

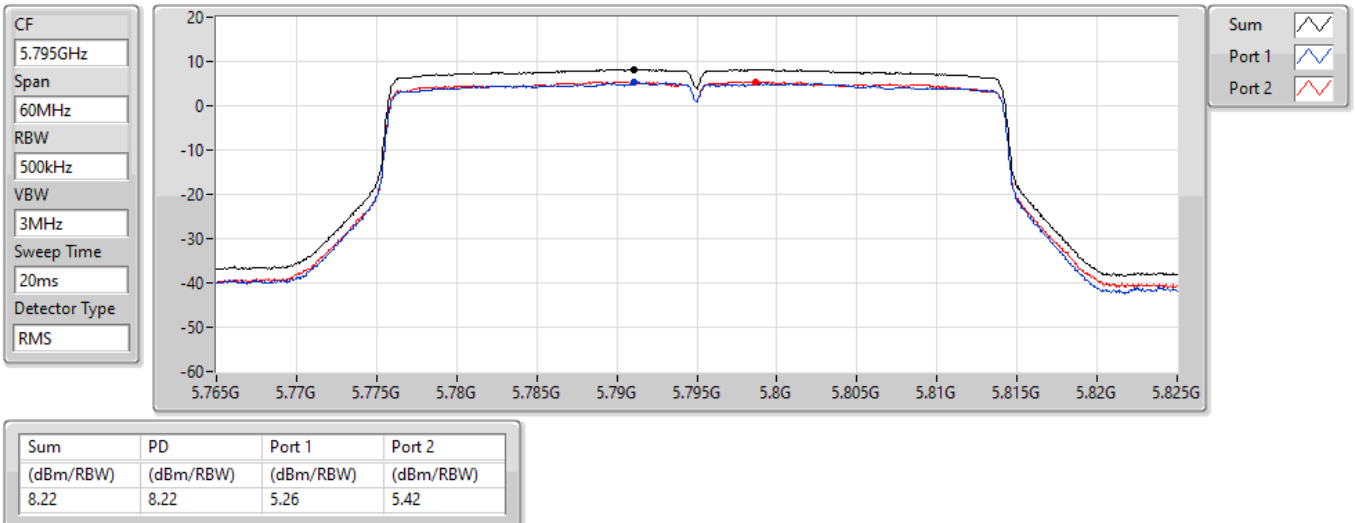


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5795MHz

15/04/2021

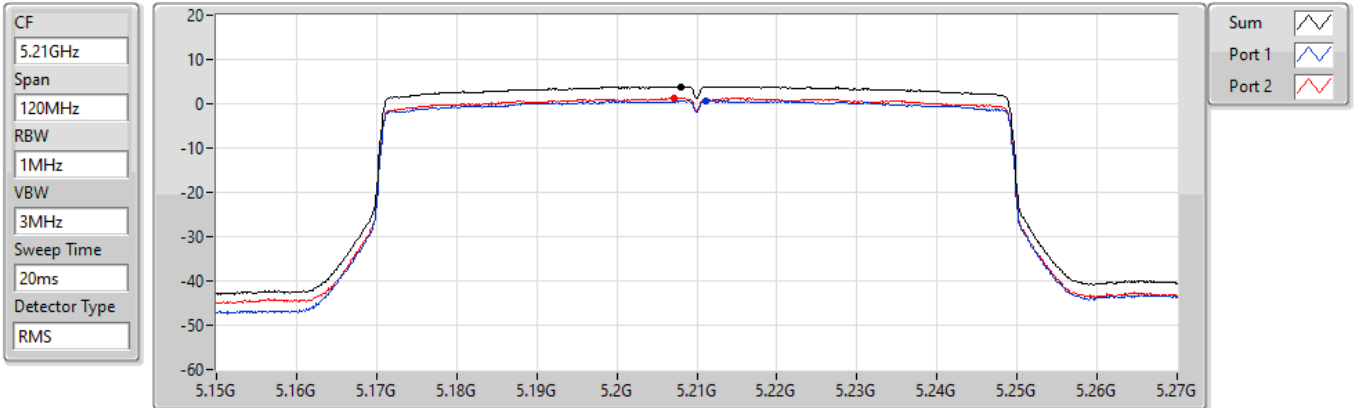


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

## PSD

5210MHz

21/05/2021

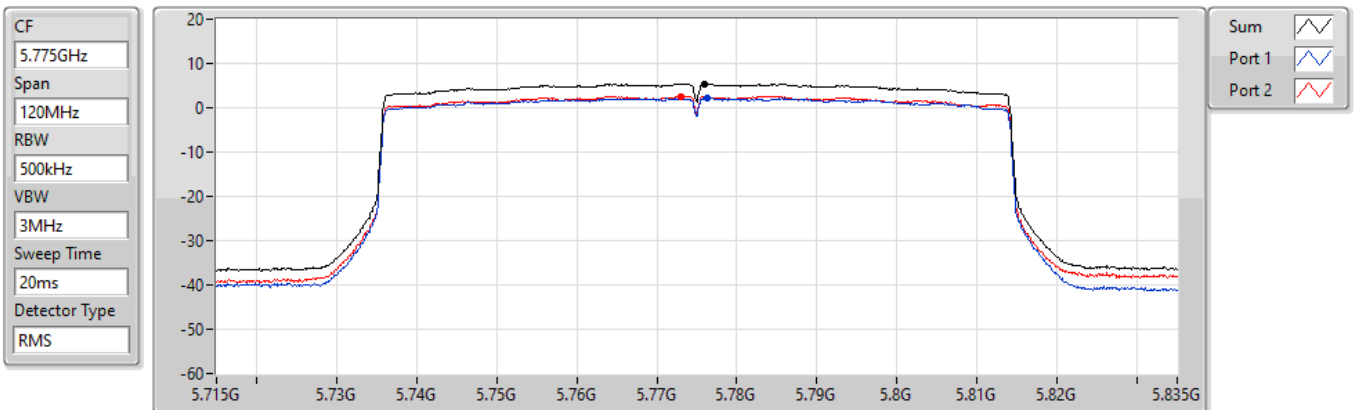


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

## PSD

5775MHz

15/04/2021





**Summary**

| Mode                              | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                      | -               | -                    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 6.45            | 17.81                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 4.87            | 16.23                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.08            | 14.44                |
| 5.725-5.85GHz                     | -               | -                    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 7.60            | 19.41                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 6.31            | 18.12                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 3.32            | 15.13                |

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

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                           | Pass   | 11.36       | 3.87                | 3.16                | 6.45            | 11.64                 | 17.81                | 23.00                      |
| 5200MHz                           | Pass   | 11.36       | 3.75                | 3.54                | 6.43            | 11.64                 | 17.79                | 23.00                      |
| 5240MHz                           | Pass   | 11.36       | 2.30                | 1.59                | 4.93            | 11.64                 | 16.29                | 23.00                      |
| 5745MHz                           | Pass   | 11.81       | 4.94                | 4.43                | 7.60            | 24.19                 | 19.41                | 36.00                      |
| 5785MHz                           | Pass   | 11.81       | 4.40                | 4.79                | 7.46            | 24.19                 | 19.27                | 36.00                      |
| 5825MHz                           | Pass   | 11.81       | 3.46                | 3.63                | 6.53            | 24.19                 | 18.34                | 36.00                      |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                           | Pass   | 11.36       | 1.62                | 3.04                | 4.69            | 11.64                 | 16.05                | 23.00                      |
| 5230MHz                           | Pass   | 11.36       | 2.20                | 2.64                | 4.87            | 11.64                 | 16.23                | 23.00                      |
| 5755MHz                           | Pass   | 11.81       | 3.96                | 3.53                | 6.31            | 24.19                 | 18.12                | 36.00                      |
| 5795MHz                           | Pass   | 11.81       | 3.36                | 4.04                | 6.03            | 24.19                 | 17.84                | 36.00                      |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                           | Pass   | 11.36       | 0.87                | -0.01               | 3.08            | 11.64                 | 14.44                | 23.00                      |
| 5775MHz                           | Pass   | 11.81       | 1.00                | 1.11                | 3.32            | 24.19                 | 15.13                | 36.00                      |

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

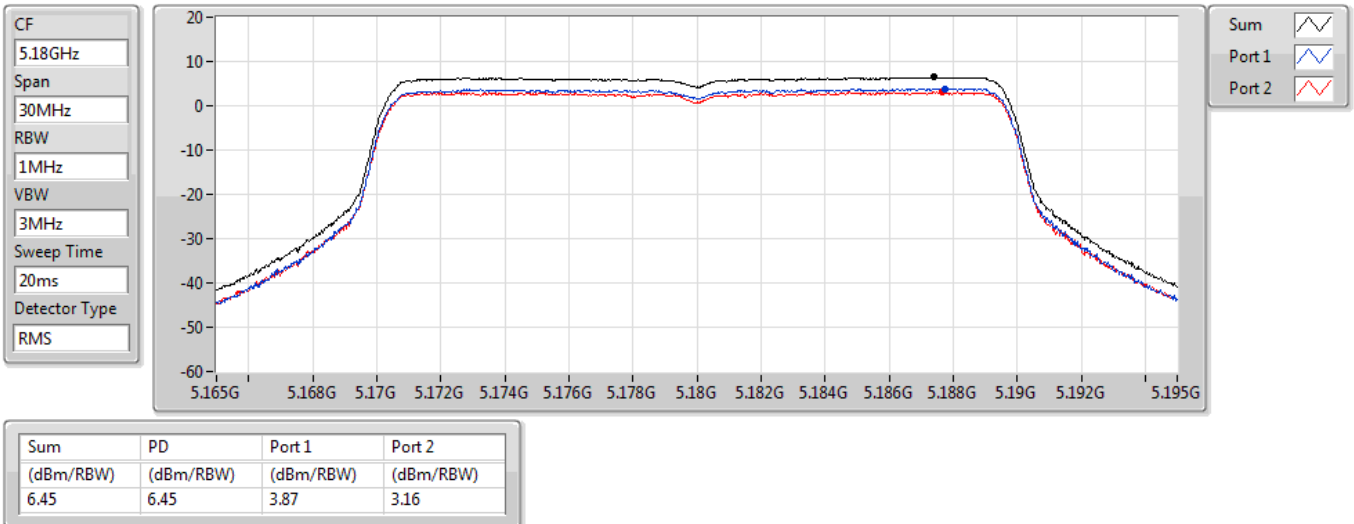
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

## PSD

5180MHz

04/06/2021

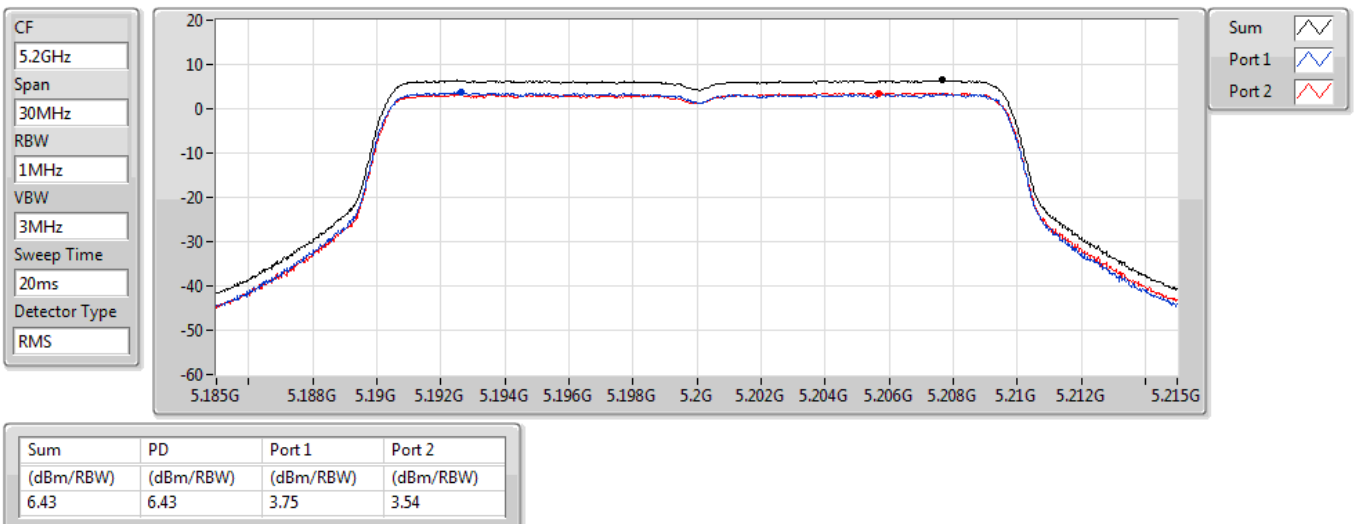


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5200MHz

04/06/2021

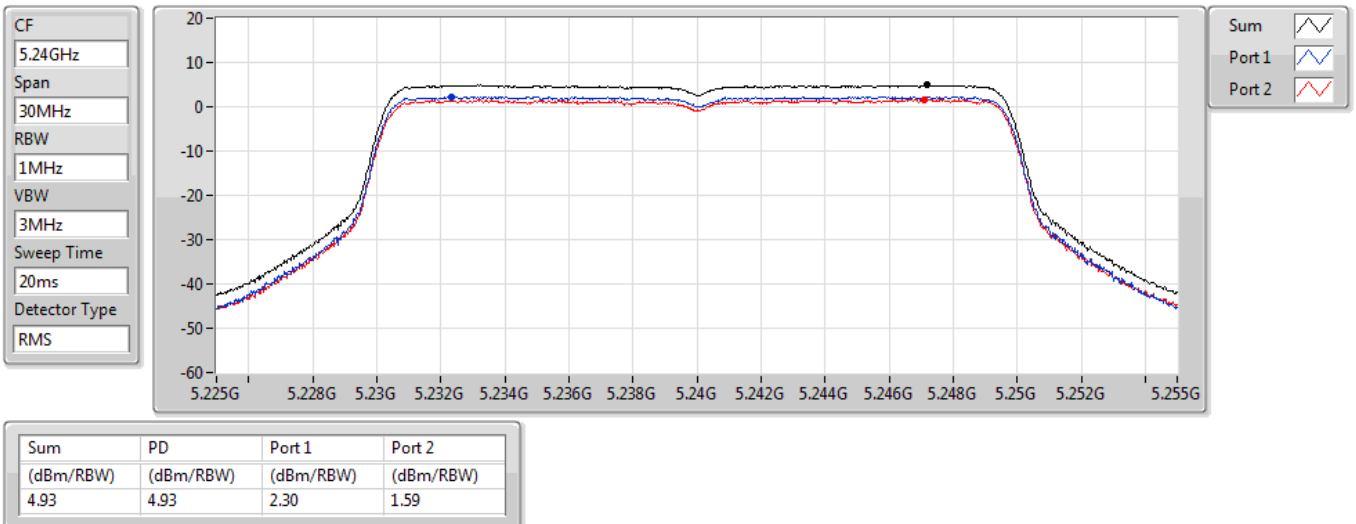


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5240MHz

04/06/2021

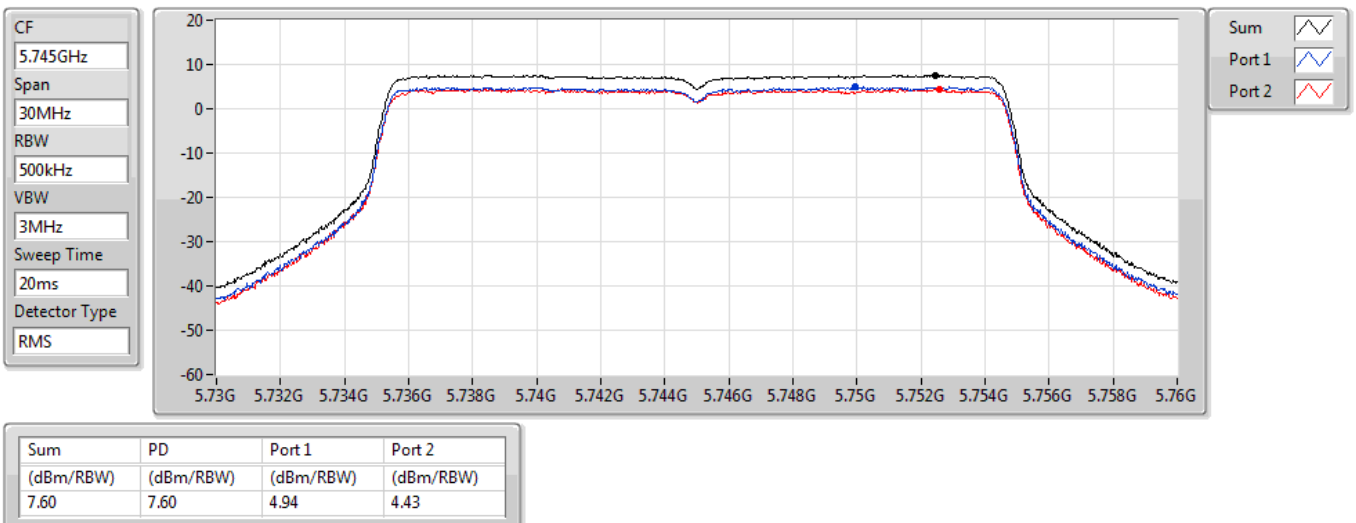


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5745MHz

07/06/2021

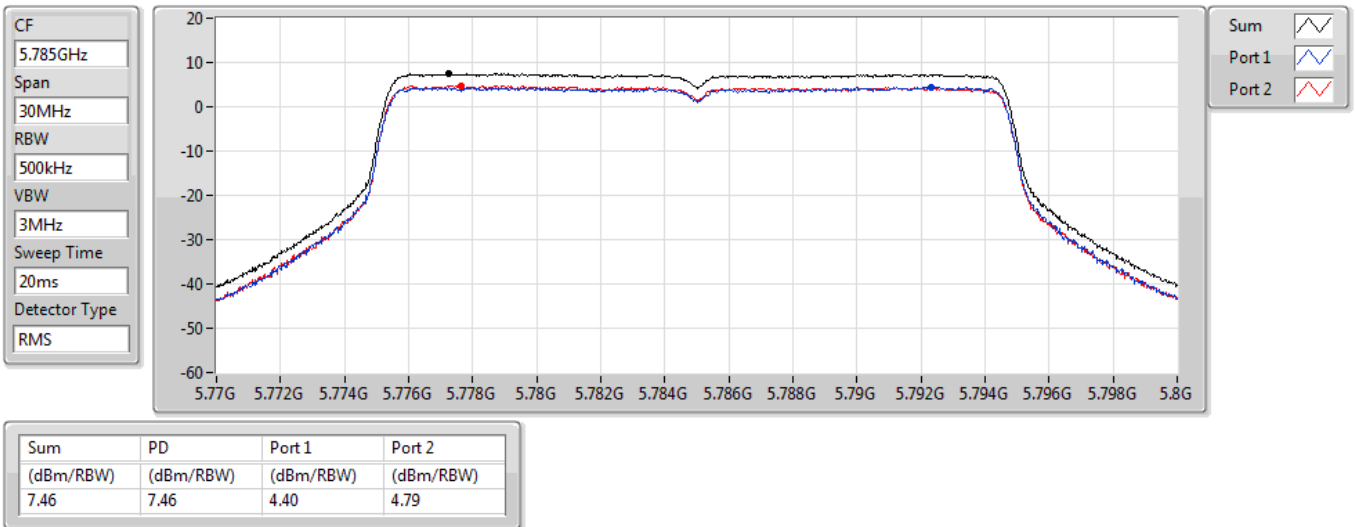


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5785MHz

07/06/2021

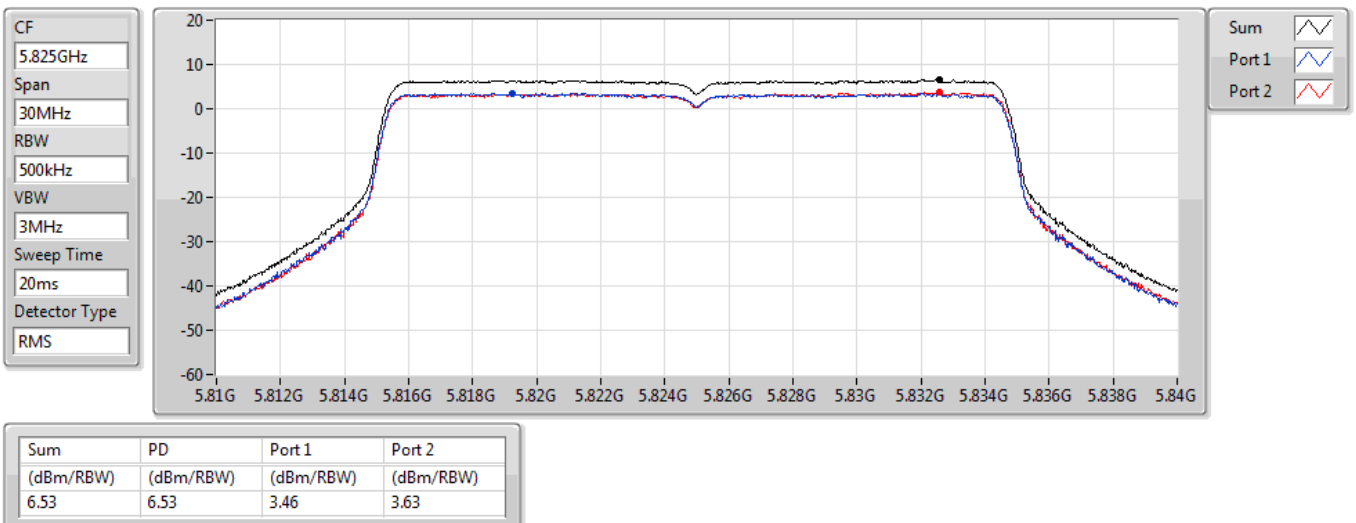


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5825MHz

07/06/2021

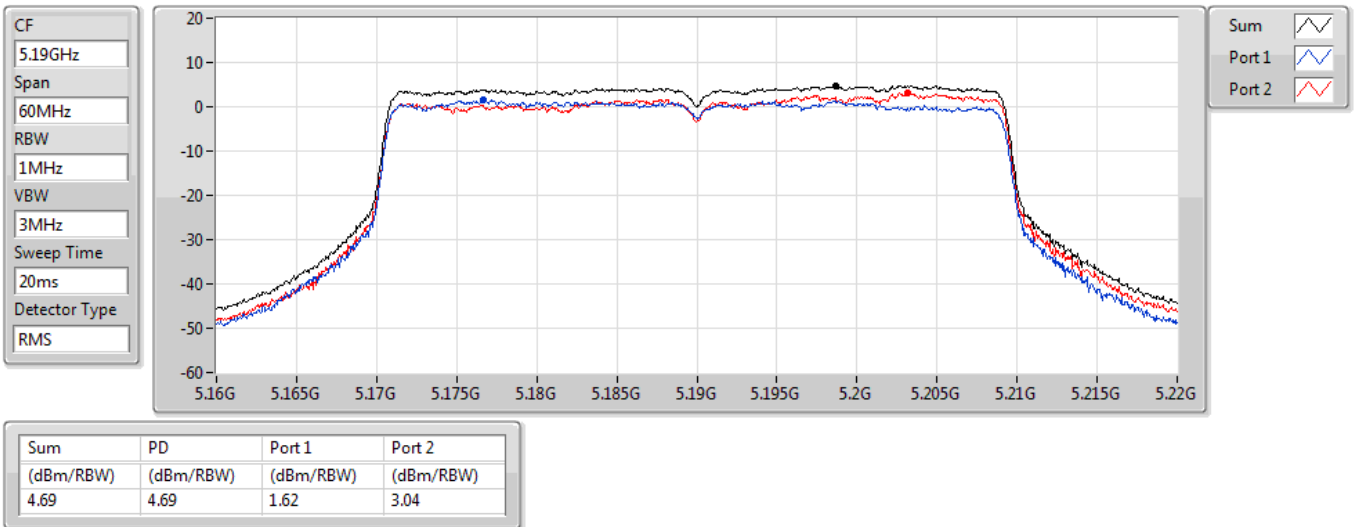


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5190MHz

07/06/2021

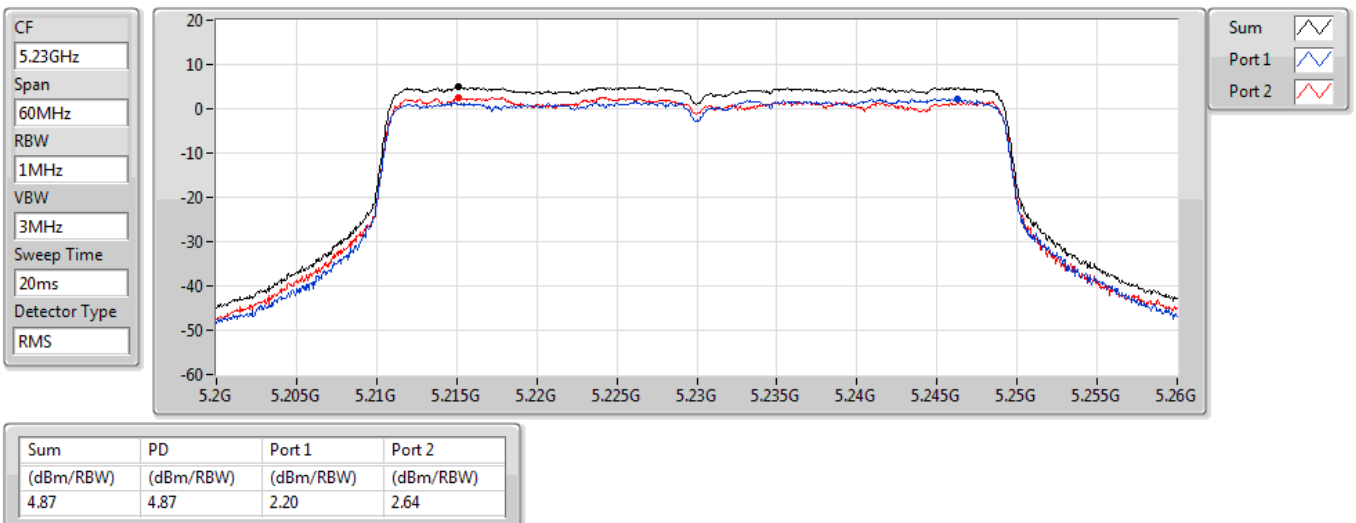


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5230MHz

07/06/2021

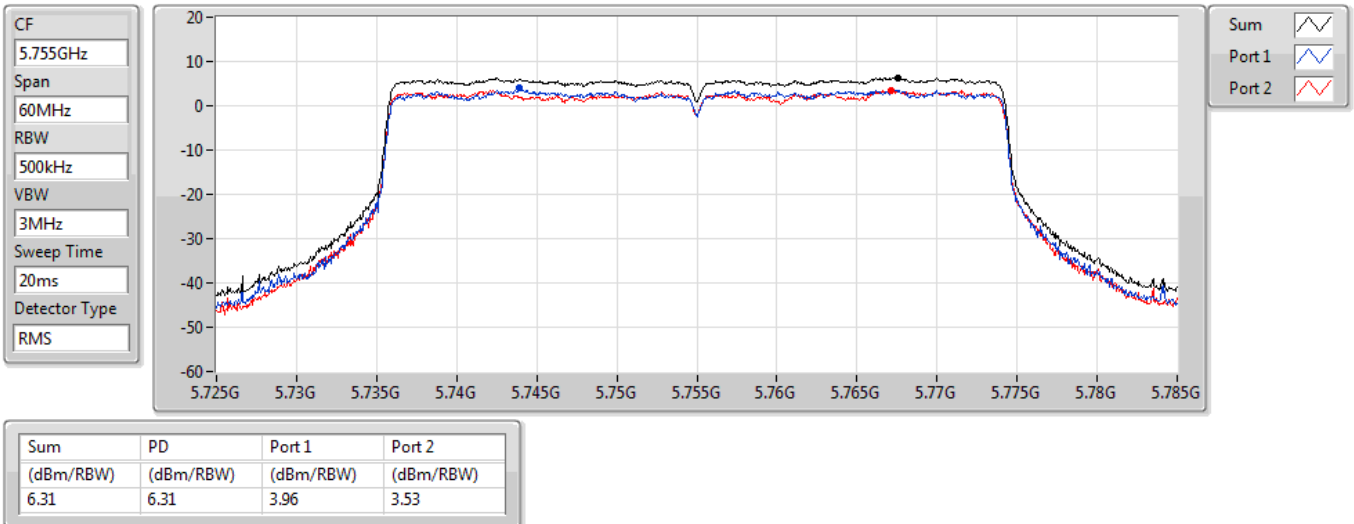


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5755MHz

07/06/2021

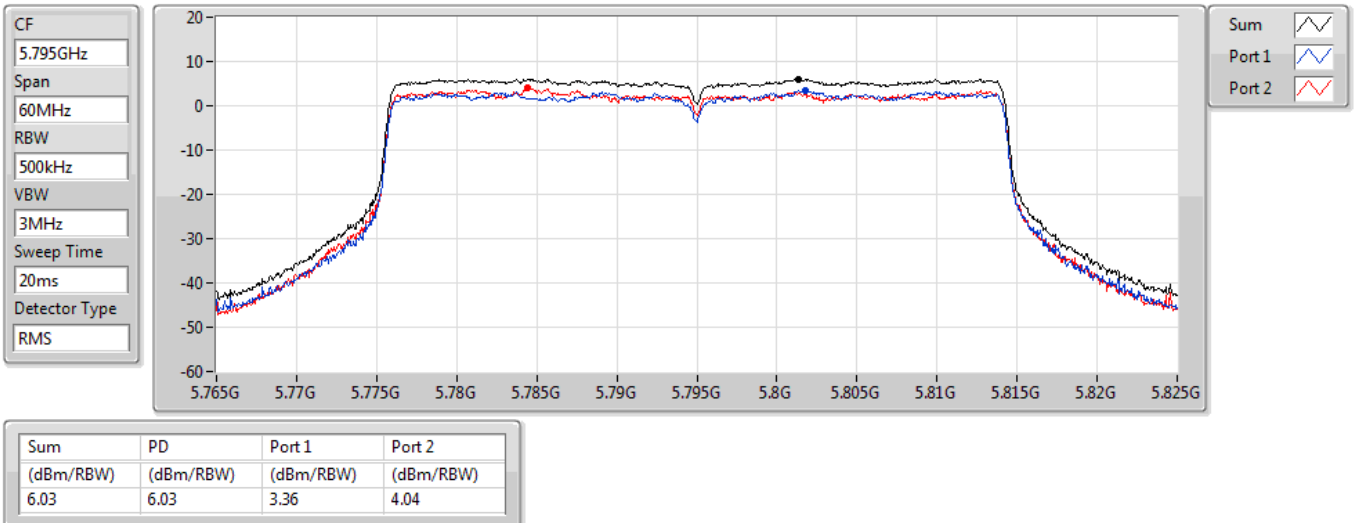


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5795MHz

07/06/2021

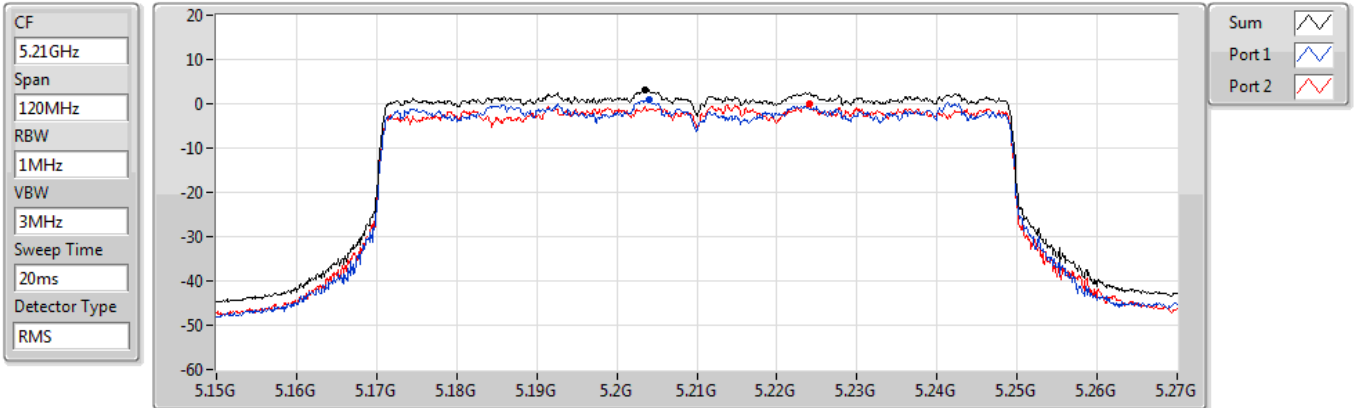


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## PSD

5210MHz

07/06/2021



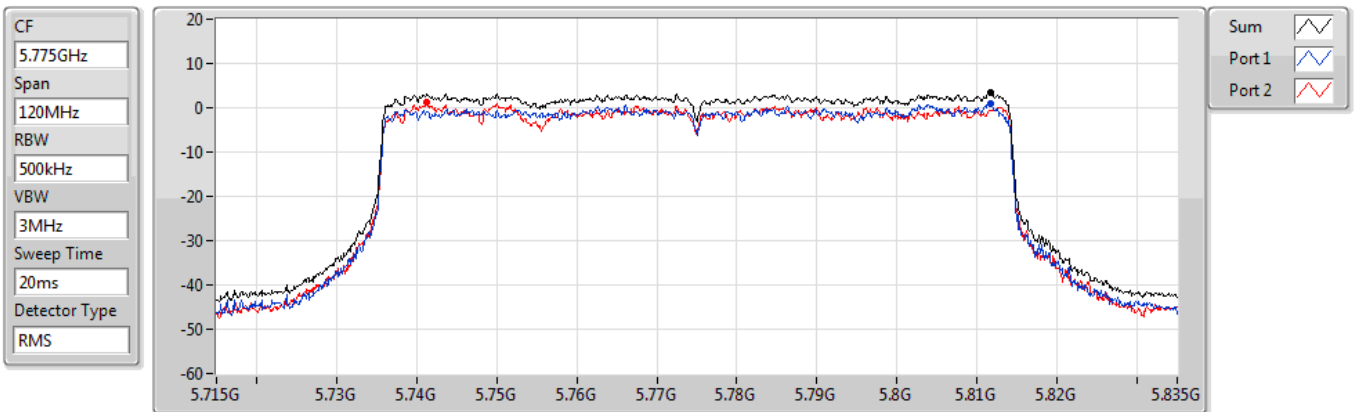
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.08      | 3.08      | 0.87      | -0.01     |

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

## PSD

5775MHz

07/06/2021



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.32      | 3.32      | 1.00      | 1.11      |

**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 5.54            | 16.90                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 5.60            | 16.96                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 4.72            | 16.08                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 1.81            | 13.17                |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 12.82           | 24.63                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 11.70           | 23.51                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 8.26            | 20.07                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 5.37            | 17.18                |

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

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 11.36       | 2.30                | 2.80                | 5.50            | 5.64                  | 16.86                | 17.00                      |
| 5200MHz                        | Pass   | 11.36       | 2.21                | 3.10                | 5.54            | 5.64                  | 16.90                | 17.00                      |
| 5240MHz                        | Pass   | 11.36       | 2.05                | 2.60                | 5.25            | 5.64                  | 16.61                | 17.00                      |
| 5745MHz                        | Pass   | 11.81       | 9.37                | 10.04               | 12.66           | 24.19                 | 24.47                | 36.00                      |
| 5785MHz                        | Pass   | 11.81       | 9.58                | 10.02               | 12.82           | 24.19                 | 24.63                | 36.00                      |
| 5825MHz                        | Pass   | 11.81       | 9.67                | 10.02               | 12.64           | 24.19                 | 24.45                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 11.36       | 2.09                | 2.51                | 5.27            | 5.64                  | 16.63                | 17.00                      |
| 5200MHz                        | Pass   | 11.36       | 1.87                | 2.78                | 5.27            | 5.64                  | 16.63                | 17.00                      |
| 5240MHz                        | Pass   | 11.36       | 2.26                | 2.98                | 5.60            | 5.64                  | 16.96                | 17.00                      |
| 5745MHz                        | Pass   | 11.81       | 7.78                | 8.43                | 11.06           | 24.19                 | 22.87                | 36.00                      |
| 5785MHz                        | Pass   | 11.81       | 8.21                | 8.47                | 11.14           | 24.19                 | 22.95                | 36.00                      |
| 5825MHz                        | Pass   | 11.81       | 8.82                | 8.92                | 11.70           | 24.19                 | 23.51                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 11.36       | 1.55                | 1.92                | 4.72            | 5.64                  | 16.08                | 17.00                      |
| 5230MHz                        | Pass   | 11.36       | 1.45                | 1.98                | 4.66            | 5.64                  | 16.02                | 17.00                      |
| 5755MHz                        | Pass   | 11.81       | 4.97                | 5.69                | 8.26            | 24.19                 | 20.07                | 36.00                      |
| 5795MHz                        | Pass   | 11.81       | 5.26                | 5.42                | 8.22            | 24.19                 | 20.03                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 11.36       | -1.50               | -0.85               | 1.81            | 5.64                  | 13.17                | 17.00                      |
| 5775MHz                        | Pass   | 11.81       | 2.29                | 2.62                | 5.37            | 24.19                 | 17.18                | 36.00                      |

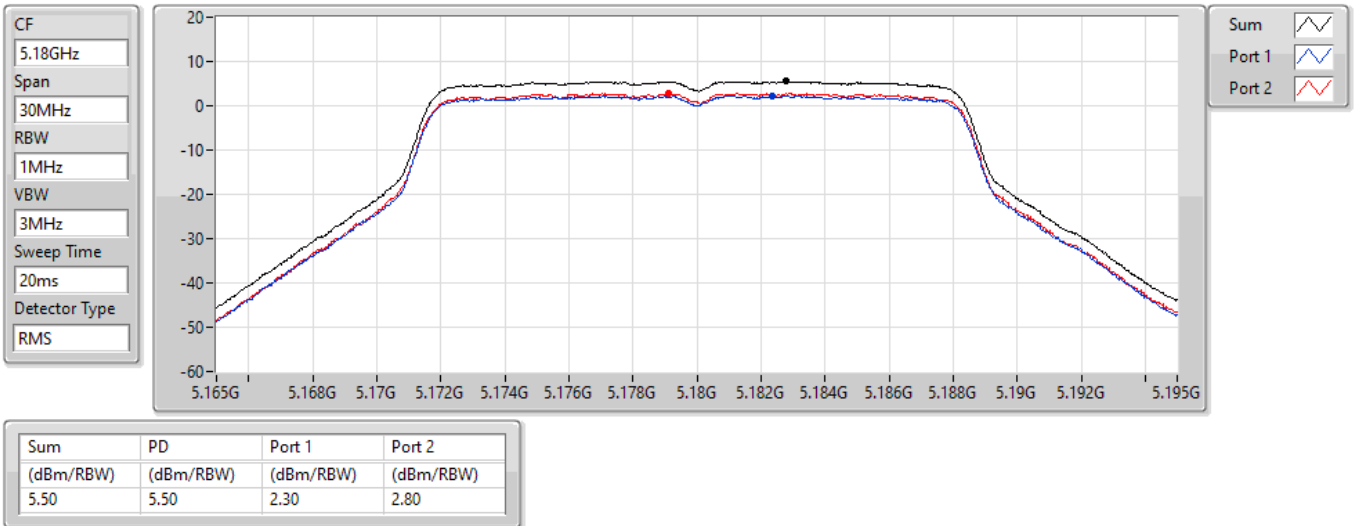
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

## PSD

5180MHz

03/08/2021

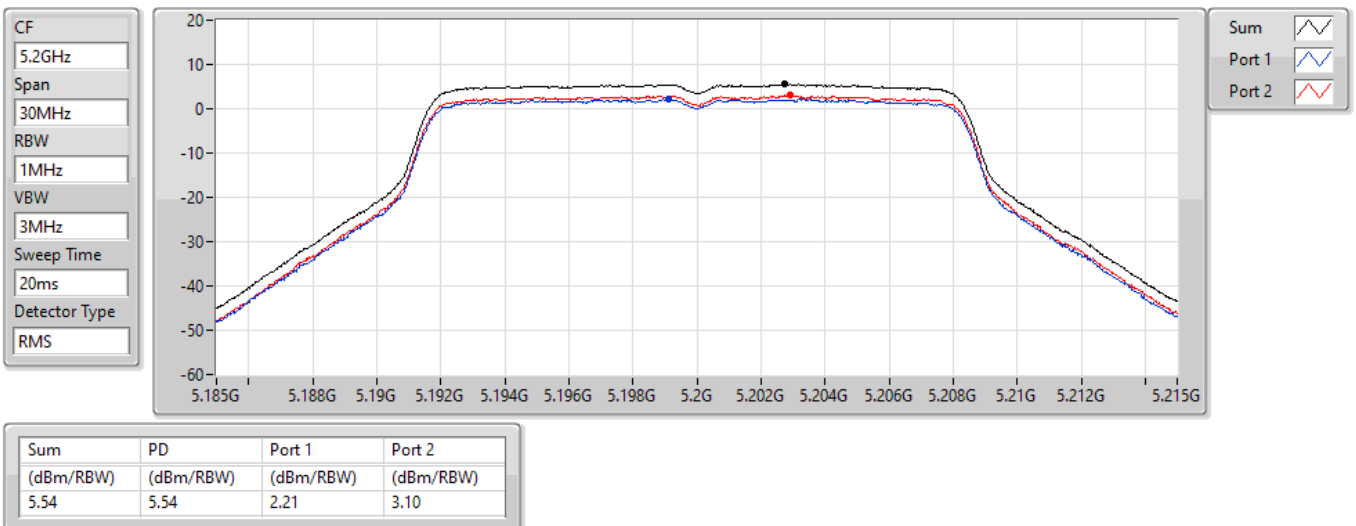


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5200MHz

03/08/2021

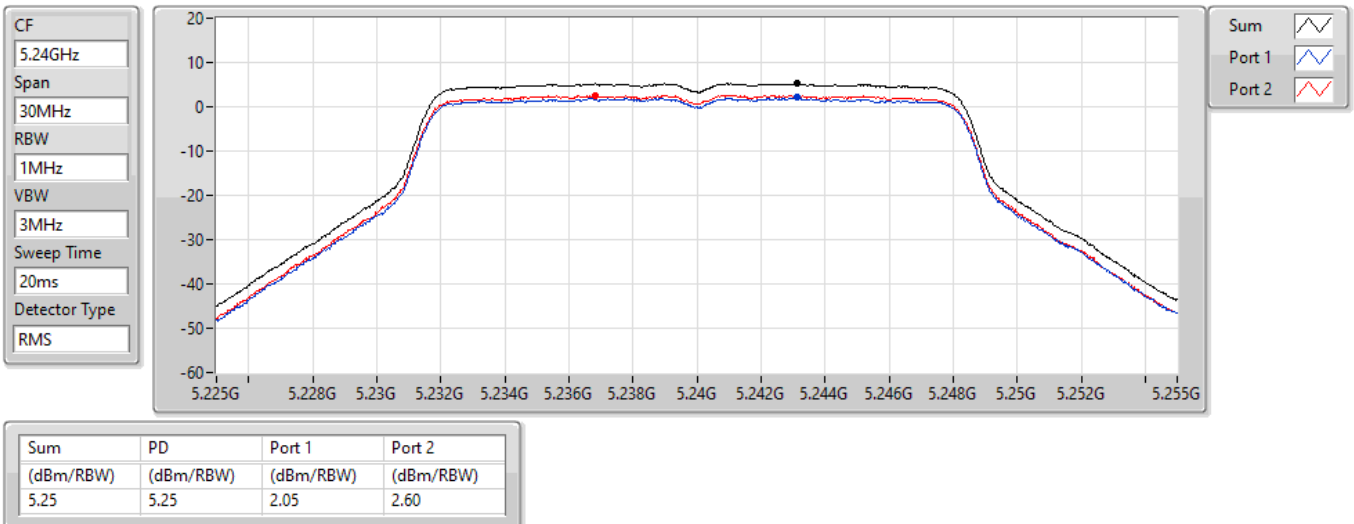


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5240MHz

03/08/2021

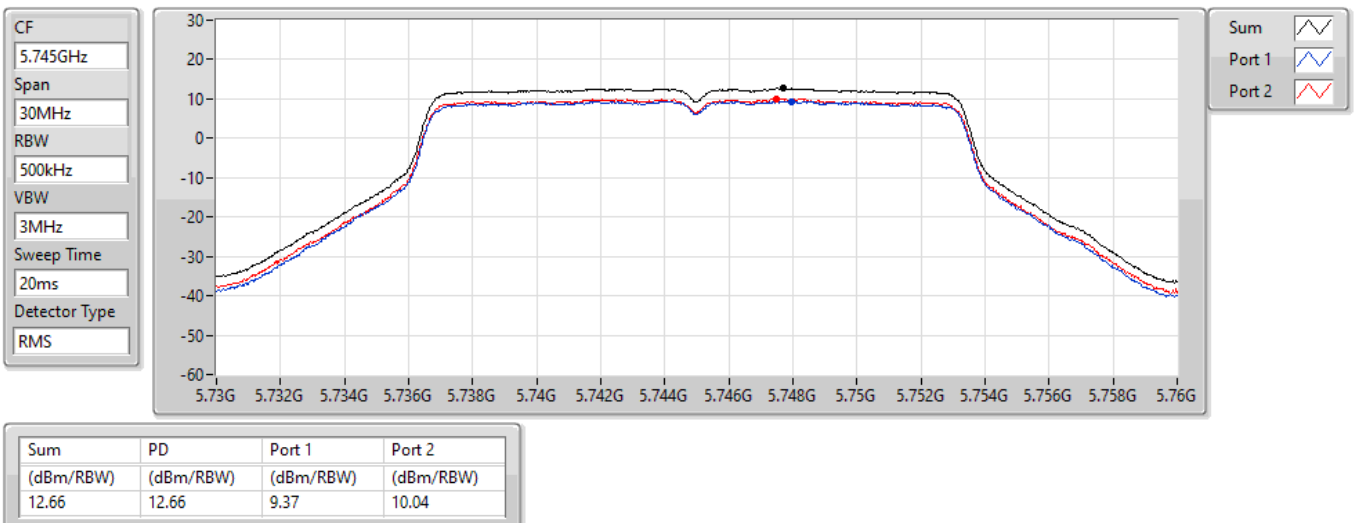


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5745MHz

09/04/2021

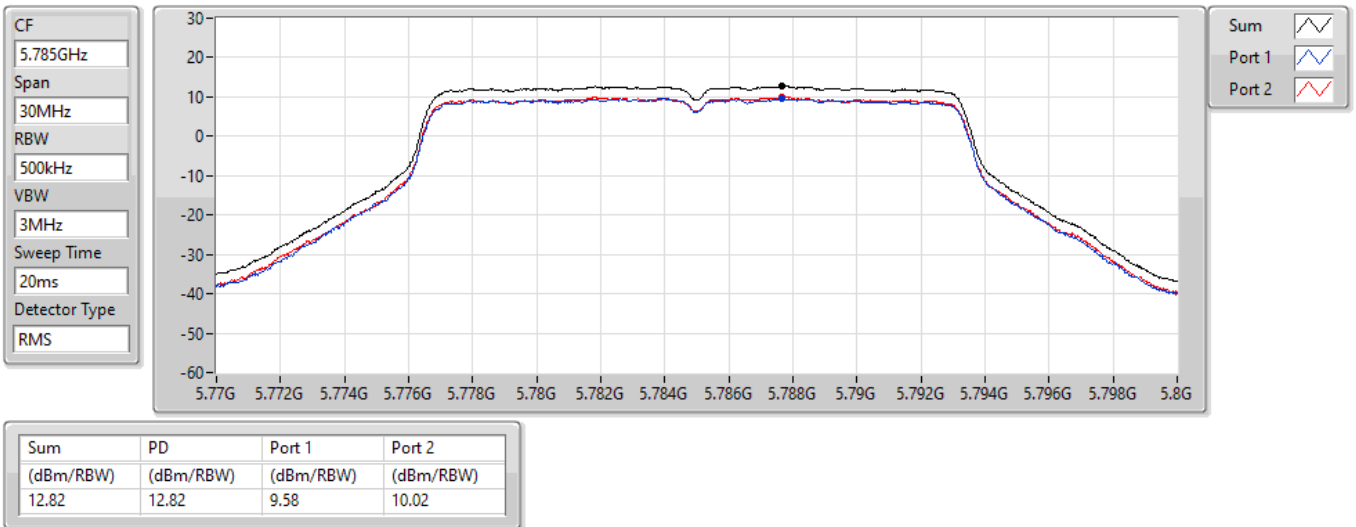


## 802.11a\_Nss1,(6Mbps)\_2TX

5785MHz

PSD

09/04/2021

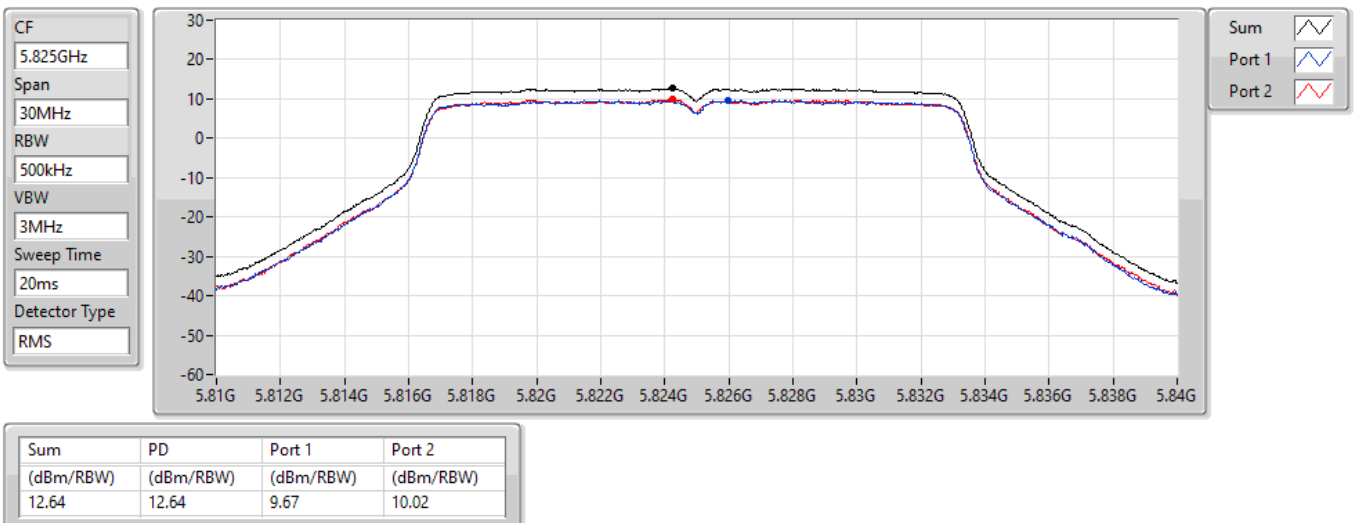


## 802.11a\_Nss1,(6Mbps)\_2TX

5825MHz

PSD

09/04/2021

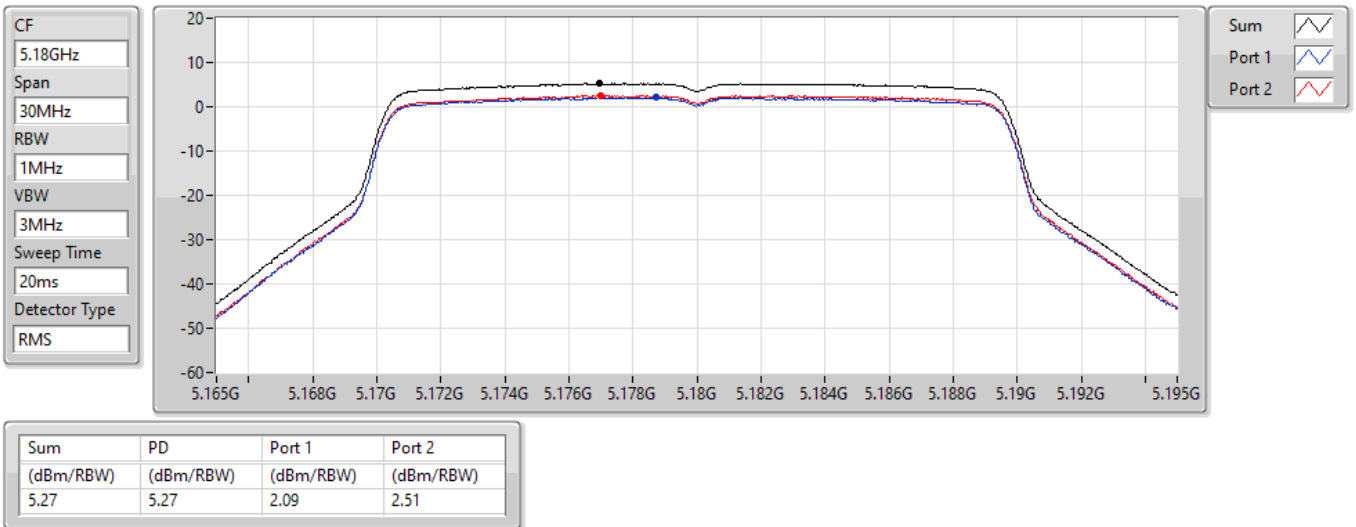


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5180MHz

03/08/2021

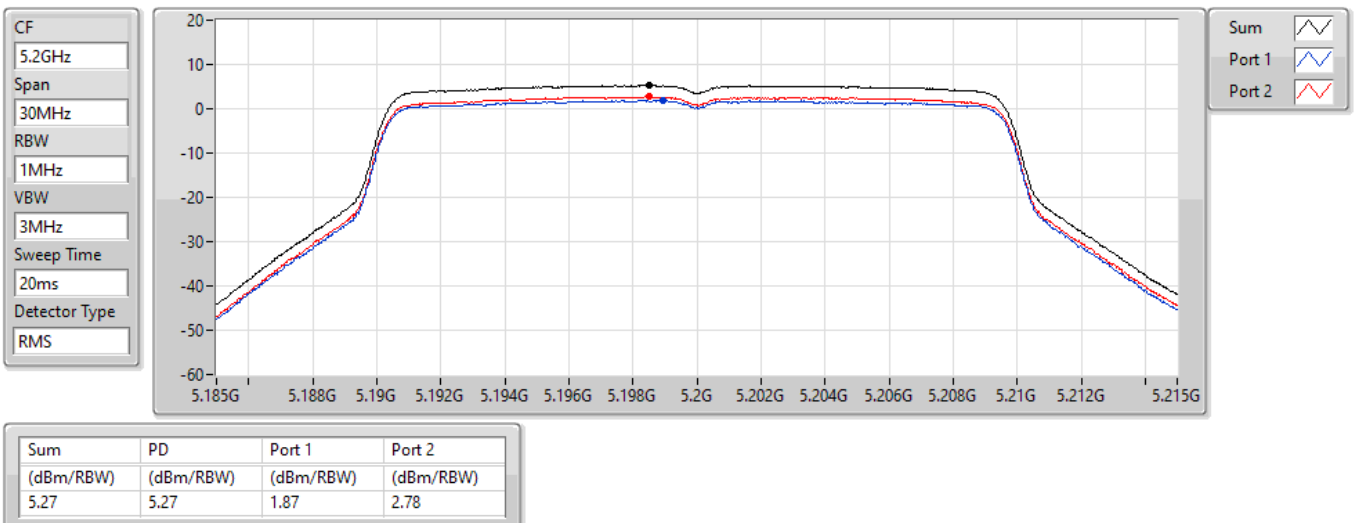


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

## PSD

5200MHz

03/08/2021

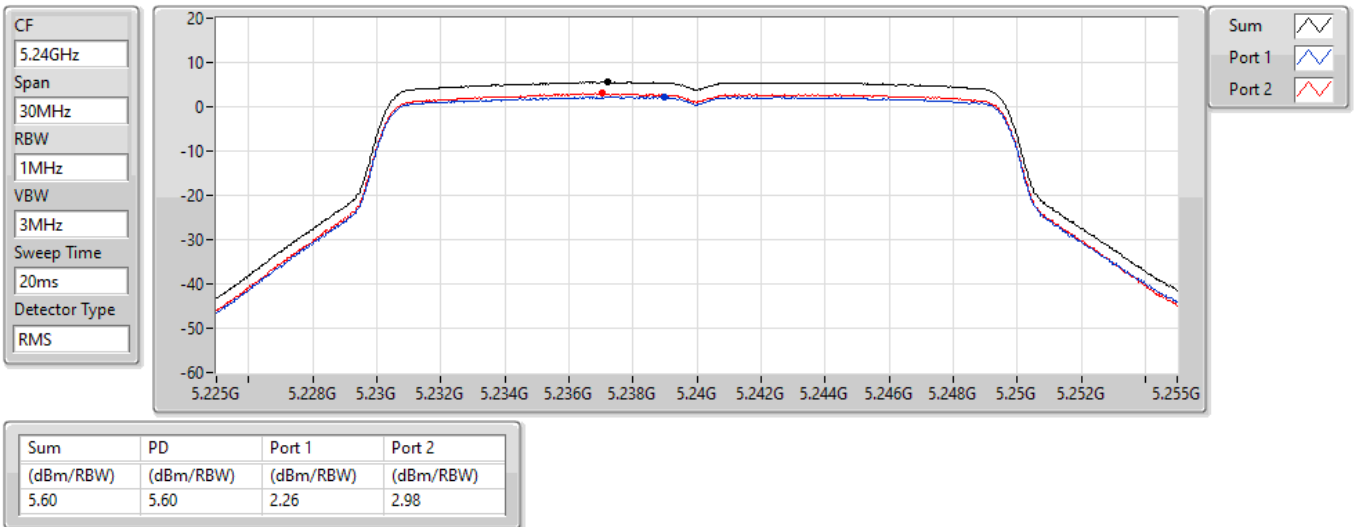


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

5240MHz

PSD

03/08/2021

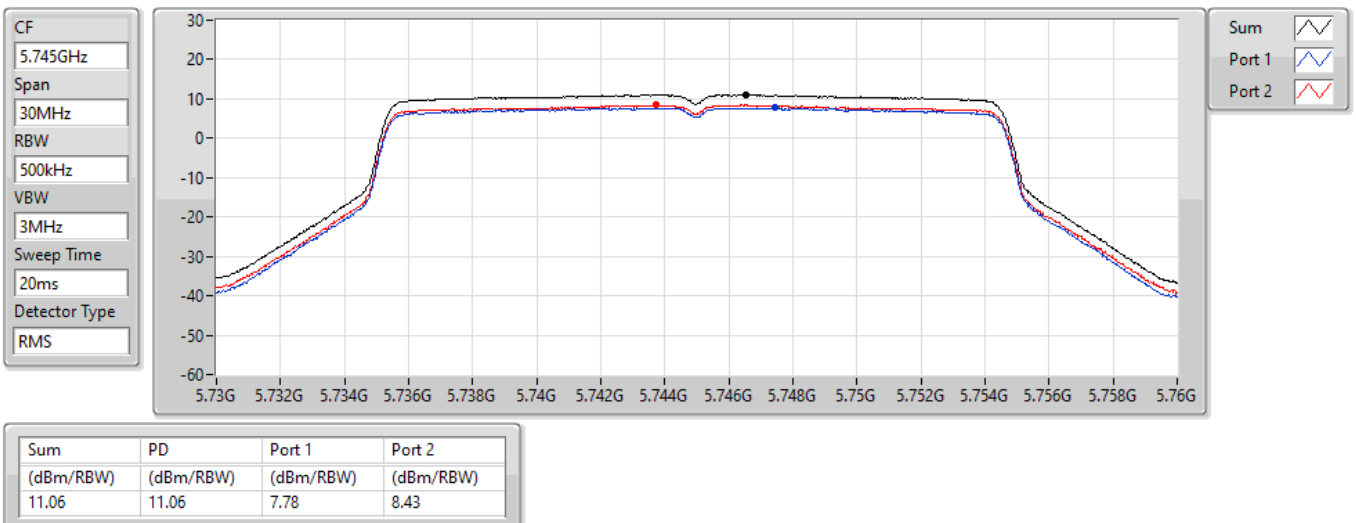


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

5745MHz

PSD

15/04/2021

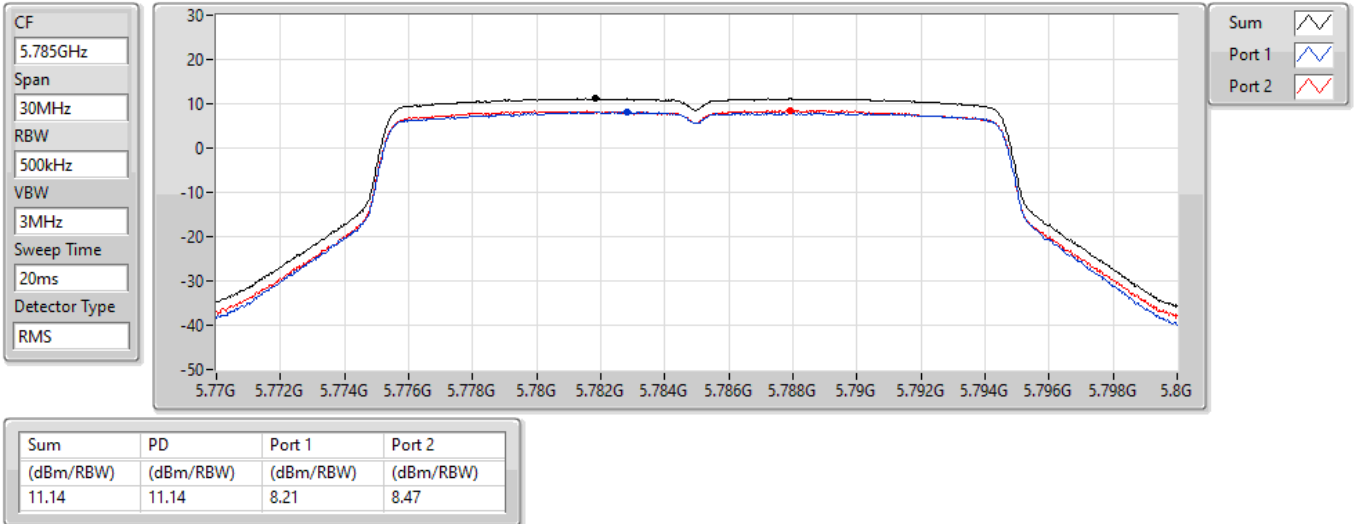


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

5785MHz

PSD

15/04/2021

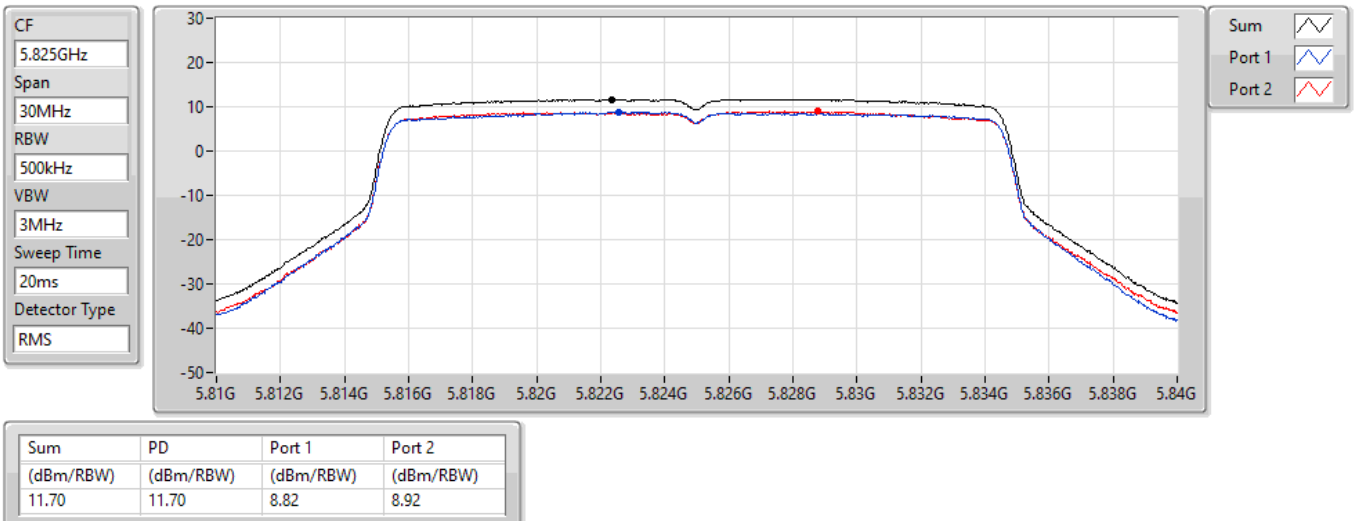


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

5825MHz

PSD

09/04/2021

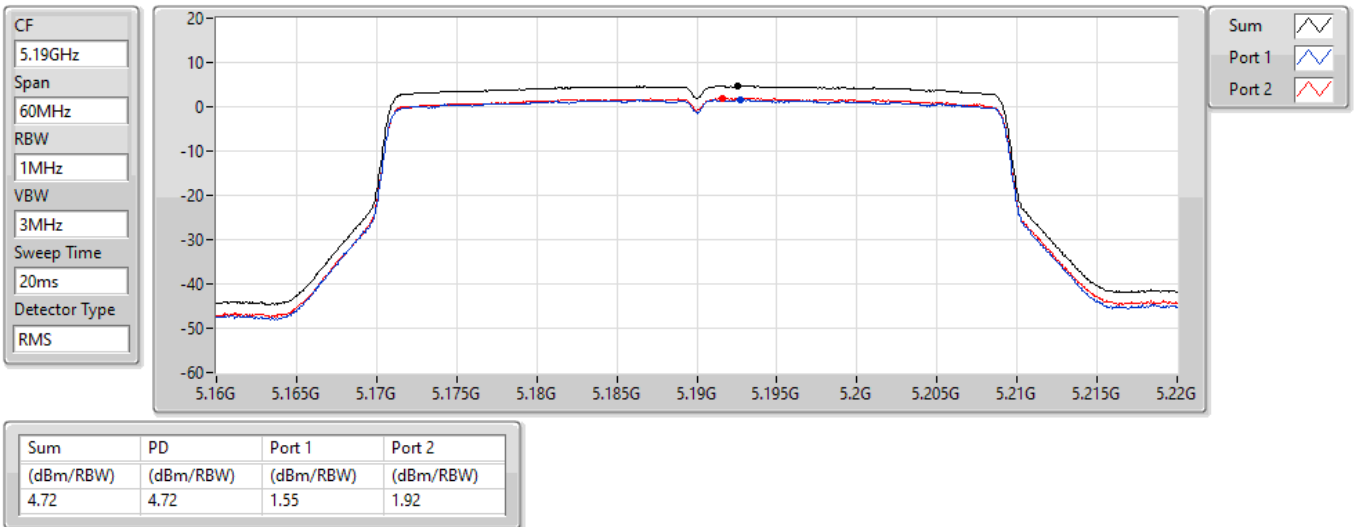


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5190MHz

03/08/2021

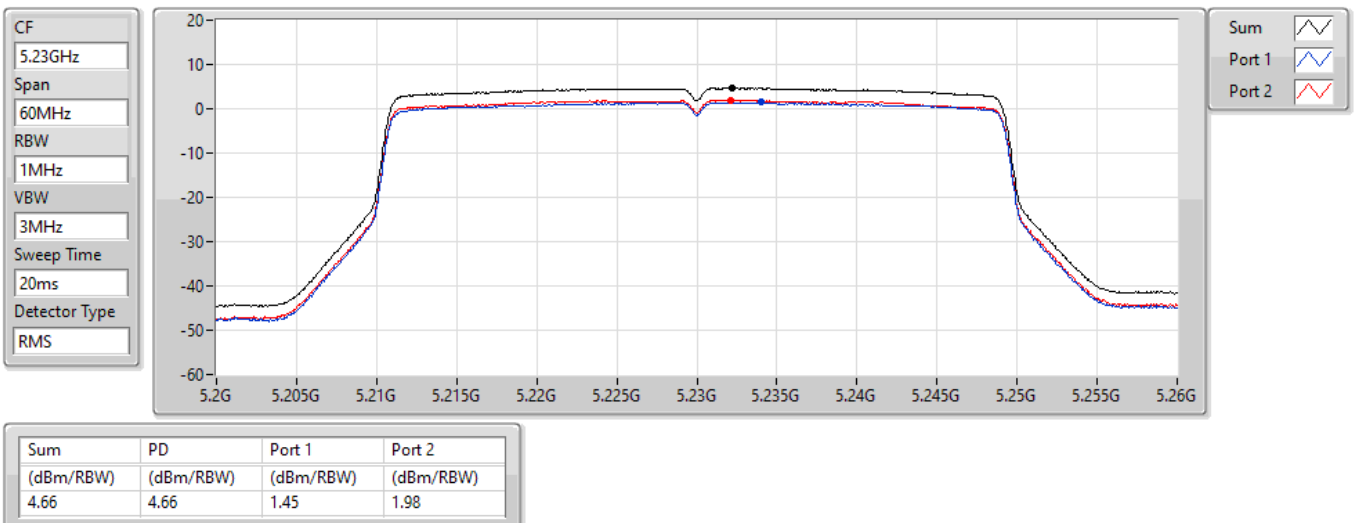


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5230MHz

03/08/2021

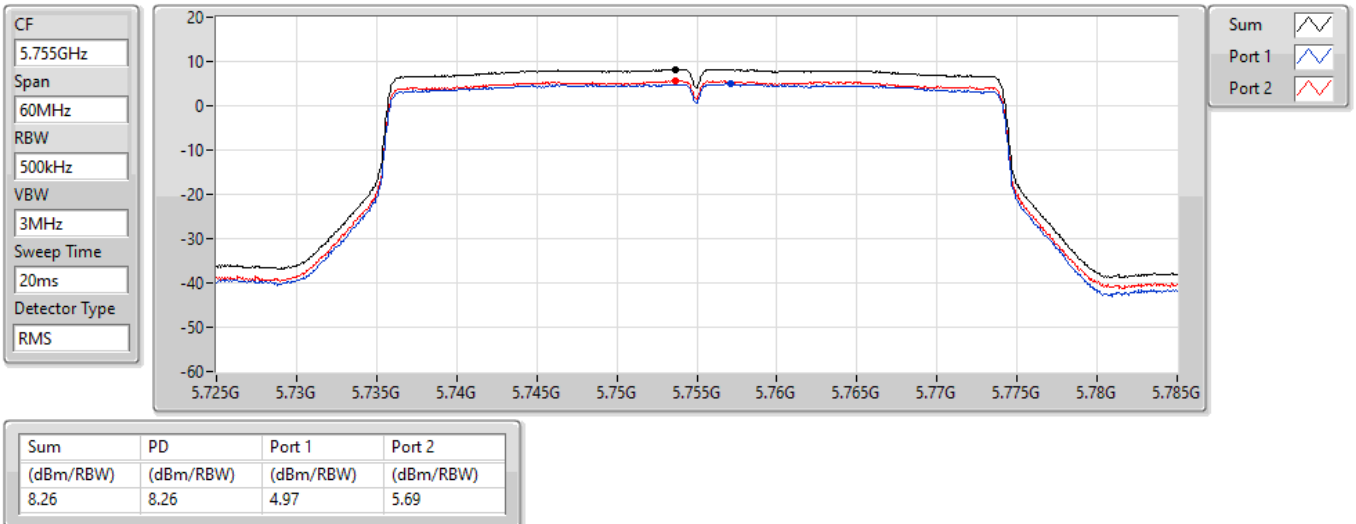


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5755MHz

15/04/2021

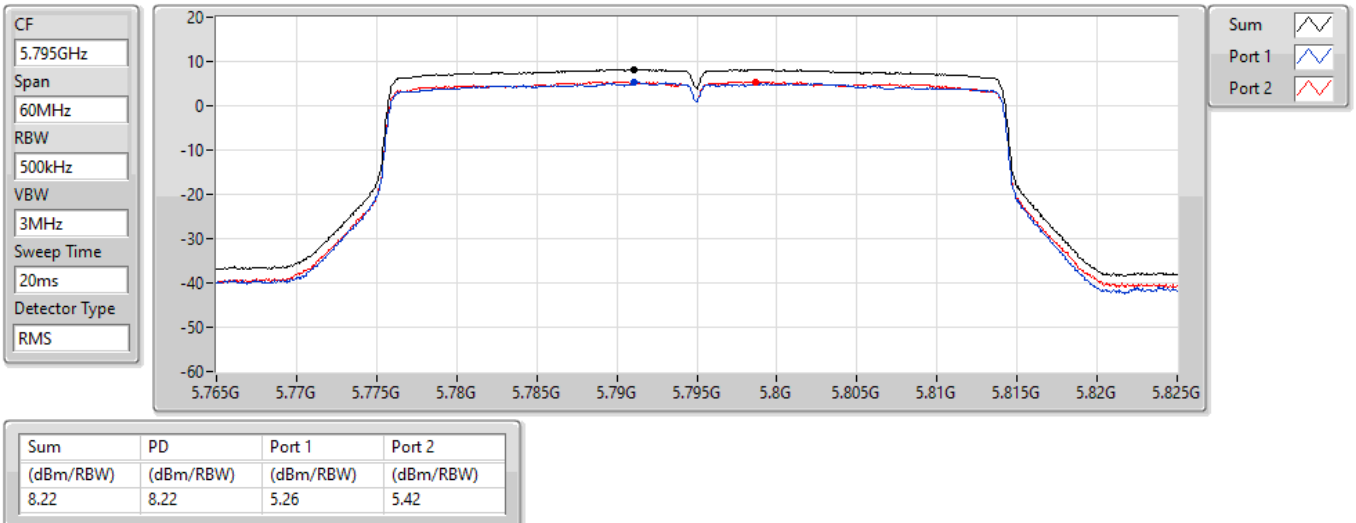


## 802.11ax HEW40\_Nss1,(MCS0)\_2TX

## PSD

5795MHz

15/04/2021

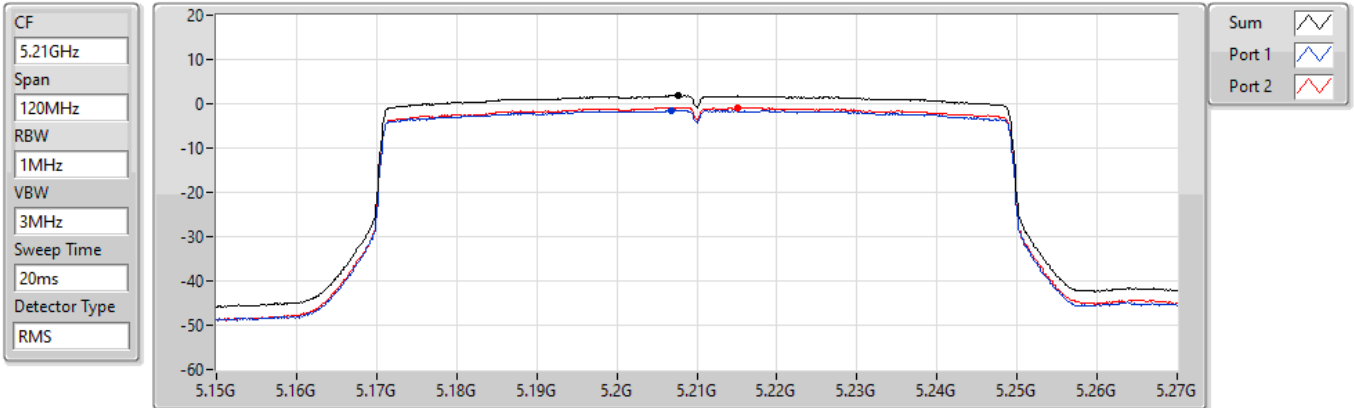


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

## PSD

5210MHz

03/08/2021

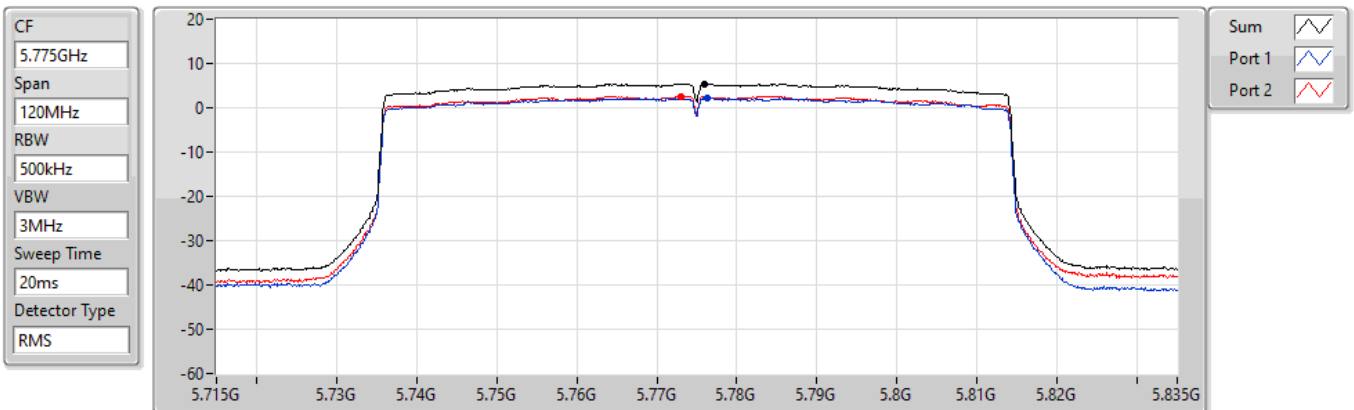


## 802.11ax HEW80\_Nss1,(MCS0)\_2TX

## PSD

5775MHz

15/04/2021





**Summary**

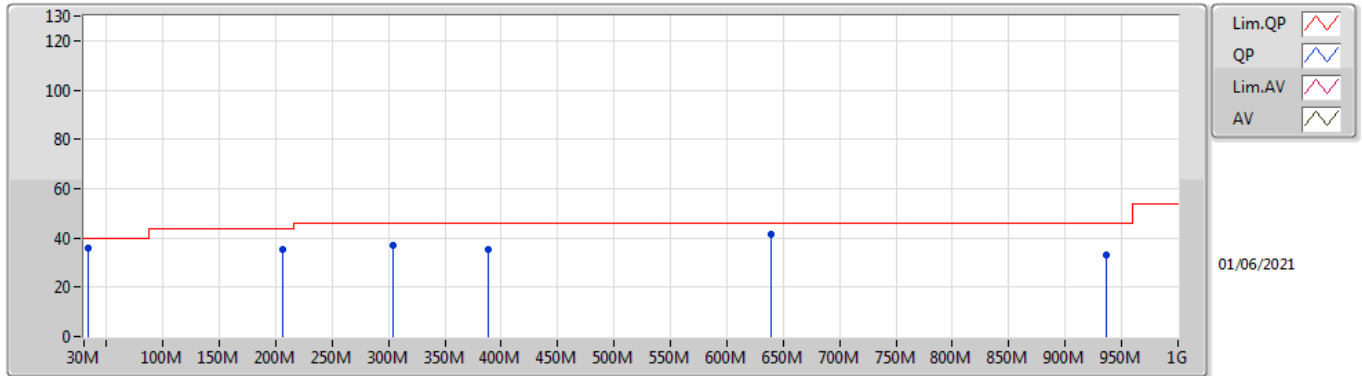
| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | QP   | 34.1M        | 35.81             | 40.00             | -4.19          | 3           | Vertical  | 232            | 1.00          | -        |

**Result**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5775MHz                        | Pass   | PK   | 206.54M      | 35.23             | 43.50             | -8.27          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 303.54M      | 36.72             | 46.00             | -9.28          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 388.9M       | 35.34             | 46.00             | -10.66         | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 639.16M      | 41.41             | 46.00             | -4.59          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 935.98M      | 32.82             | 46.00             | -13.18         | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | QP   | 34.1M        | 35.81             | 40.00             | -4.19          | 3           | Vertical   | 232            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 86.26M       | 34.88             | 40.00             | -5.12          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 206.54M      | 34.03             | 43.50             | -9.47          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 328.76M      | 35.54             | 46.00             | -10.46         | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 410.24M      | 35.30             | 46.00             | -10.70         | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 672.14M      | 41.43             | 46.00             | -4.57          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 840.92M      | 34.89             | 46.00             | -11.11         | 3           | Horizontal | 0              | 1.00          | -        |

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

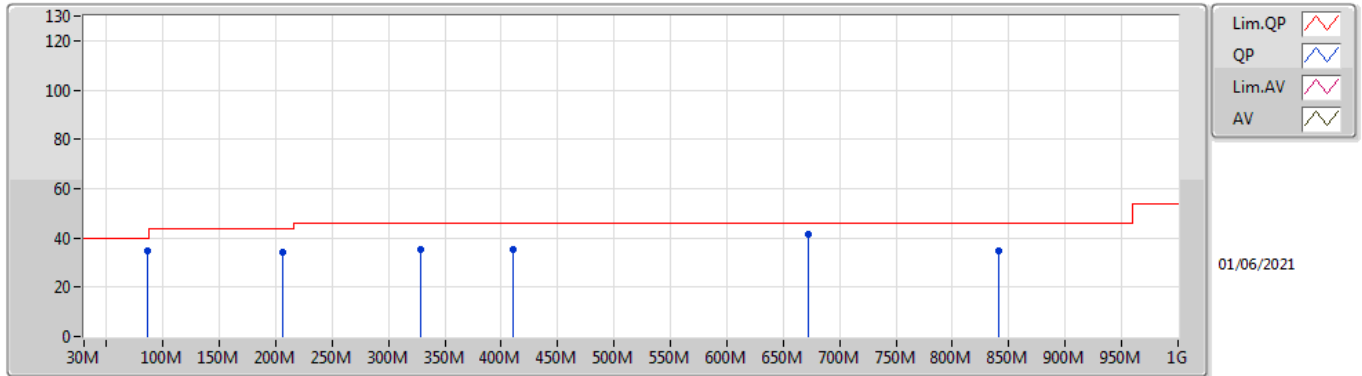
### 5775MHz\_PoE



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 206.54M      | 35.23             | 43.50             | -8.27          | -20.64         | 3           | Vertical  | 360            | 1.00          | -       | 55.87         | 14.31      | 1.34       | 36.29      |
| PK   | 303.54M      | 36.72             | 46.00             | -9.28          | -16.41         | 3           | Vertical  | 360            | 1.00          | -       | 53.13         | 18.36      | 1.68       | 36.45      |
| PK   | 388.9M       | 35.34             | 46.00             | -10.66         | -13.98         | 3           | Vertical  | 360            | 1.00          | -       | 49.32         | 20.70      | 1.88       | 36.56      |
| PK   | 639.16M      | 41.41             | 46.00             | -4.59          | -9.09          | 3           | Vertical  | 360            | 1.00          | -       | 50.50         | 25.54      | 2.59       | 37.22      |
| PK   | 935.98M      | 32.82             | 46.00             | -13.18         | -5.14          | 3           | Vertical  | 360            | 1.00          | -       | 37.96         | 29.36      | 3.07       | 37.57      |
| QP   | 34.1M        | 35.81             | 40.00             | -4.19          | -14.84         | 3           | Vertical  | 232            | 1.00          | -       | 50.65         | 21.60      | 0.64       | 37.08      |

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

## 5775MHz\_PoE



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 86.26M       | 34.88             | 40.00             | -5.12          | -22.50         | 3           | Horizontal | 0              | 1.00          | -       | 57.38         | 13.36      | 0.92       | 36.78      |
| PK   | 206.54M      | 34.03             | 43.50             | -9.47          | -20.64         | 3           | Horizontal | 0              | 1.00          | -       | 54.67         | 14.31      | 1.34       | 36.29      |
| PK   | 328.76M      | 35.54             | 46.00             | -10.46         | -15.79         | 3           | Horizontal | 0              | 1.00          | -       | 51.33         | 18.97      | 1.73       | 36.49      |
| PK   | 410.24M      | 35.30             | 46.00             | -10.70         | -13.04         | 3           | Horizontal | 0              | 1.00          | -       | 48.34         | 21.59      | 1.95       | 36.58      |
| PK   | 672.14M      | 41.43             | 46.00             | -4.57          | -9.02          | 3           | Horizontal | 0              | 1.00          | -       | 50.45         | 25.60      | 2.65       | 37.27      |
| PK   | 840.92M      | 34.89             | 46.00             | -11.11         | -6.49          | 3           | Horizontal | 0              | 1.00          | -       | 41.38         | 28.20      | 2.91       | 37.60      |



**Summary**

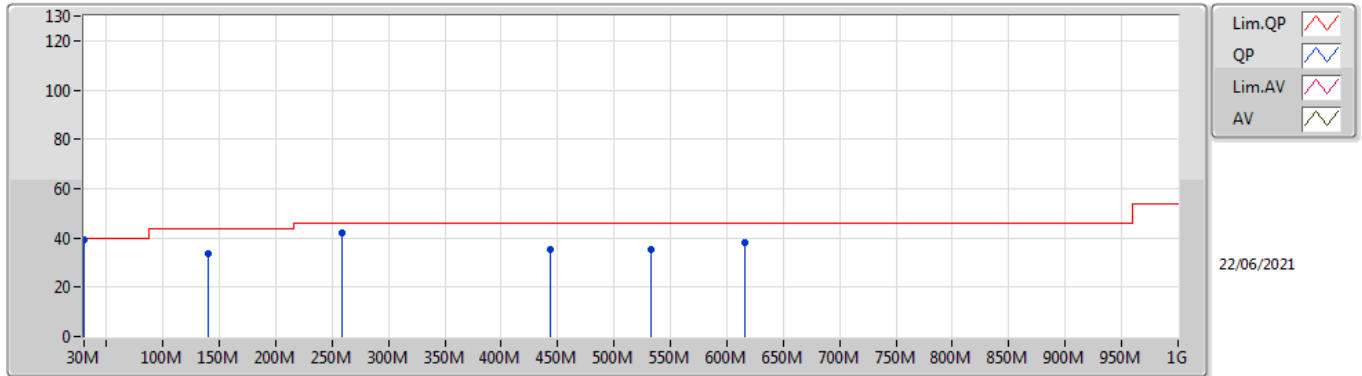
| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.725-5.85GHz                     | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | Pass   | QP   | 30M          | 39.13             | 40.00             | -0.87          | 3           | Vertical  | 355            | 1.00          | -        |

## Result

| Mode                              | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5775MHz                           | Pass   | PK   | 140.58M   | 33.88          | 43.50          | -9.62       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 443.22M   | 35.44          | 46.00          | -10.56      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 532.46M   | 35.08          | 46.00          | -10.92      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 615.88M   | 38.20          | 46.00          | -7.80       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | QP   | 30M       | 39.13          | 40.00          | -0.87       | 3        | Vertical   | 355         | 1.00       | -        |
| 5775MHz                           | Pass   | QP   | 258.92M   | 42.25          | 46.00          | -3.75       | 3        | Vertical   | 162         | 1.49       | -        |
| 5775MHz                           | Pass   | PK   | 30M       | 28.76          | 40.00          | -11.24      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 82.38M    | 32.18          | 40.00          | -7.82       | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 192.96M   | 34.85          | 43.50          | -8.65       | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 256.98M   | 34.65          | 46.00          | -11.35      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 437.4M    | 34.95          | 46.00          | -11.05      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 619.76M   | 35.40          | 46.00          | -10.60      | 3        | Horizontal | 0           | 1.00       | -        |

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

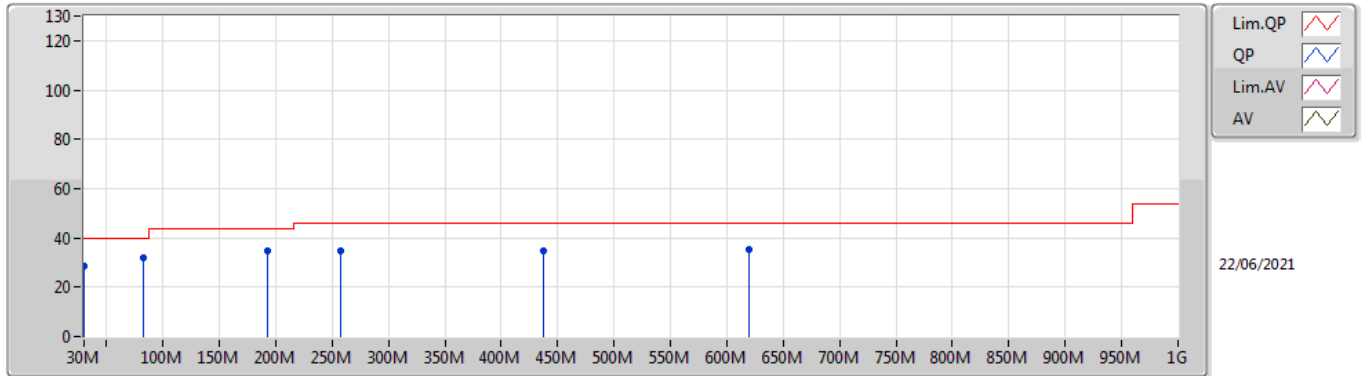
## 5775MHz\_PoE



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 140.58M      | 33.88             | 43.50             | -9.62          | -18.64         | 3           | Vertical  | 360            | 1.00          | -       | 52.52         | 16.60      | 1.17       | 36.41      |
| PK   | 443.22M      | 35.44             | 46.00             | -10.56         | -12.23         | 3           | Vertical  | 360            | 1.00          | -       | 47.67         | 22.31      | 2.07       | 36.61      |
| PK   | 532.46M      | 35.08             | 46.00             | -10.92         | -11.48         | 3           | Vertical  | 360            | 1.00          | -       | 46.56         | 23.24      | 2.33       | 37.05      |
| PK   | 615.88M      | 38.20             | 46.00             | -7.80          | -9.60          | 3           | Vertical  | 360            | 1.00          | -       | 47.80         | 25.04      | 2.52       | 37.16      |
| QP   | 30M          | 39.13             | 40.00             | -0.87          | -13.08         | 3           | Vertical  | 355            | 1.00          | -       | 52.21         | 23.51      | 0.56       | 37.15      |
| QP   | 258.92M      | 42.25             | 46.00             | -3.75          | -15.86         | 3           | Vertical  | 162            | 1.49          | -       | 58.11         | 19.01      | 1.53       | 36.40      |

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

## 5775MHz\_PoE



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 30M     | 28.76    | 40.00    | -11.24 | -13.08 | 3    | Horizontal | 0       | 1.00   | -       | 41.84  | 23.51 | 0.56 | 37.15 |
| PK   | 82.38M  | 32.18    | 40.00    | -7.82  | -23.09 | 3    | Horizontal | 0       | 1.00   | -       | 55.27  | 12.84 | 0.90 | 36.83 |
| PK   | 192.96M | 34.85    | 43.50    | -8.65  | -21.04 | 3    | Horizontal | 0       | 1.00   | -       | 55.89  | 13.98 | 1.31 | 36.33 |
| PK   | 256.98M | 34.65    | 46.00    | -11.35 | -16.19 | 3    | Horizontal | 0       | 1.00   | -       | 50.84  | 18.69 | 1.52 | 36.40 |
| PK   | 437.4M  | 34.95    | 46.00    | -11.05 | -12.34 | 3    | Horizontal | 0       | 1.00   | -       | 47.29  | 22.22 | 2.05 | 36.61 |
| PK   | 619.76M | 35.40    | 46.00    | -10.60 | -9.40  | 3    | Horizontal | 0       | 1.00   | -       | 44.80  | 25.24 | 2.53 | 37.17 |

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.15-5.25GHz                   | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | AV   | 5.1498G      | 50.84             | 54.00             | -3.16          | 3           | Vertical   | 207            | 1.86          | -        |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | AV   | 5.1486G      | 53.16             | 54.00             | -0.84          | 3           | Vertical   | 211            | 1.84          | -        |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | AV   | 5.1488G      | 53.06             | 54.00             | -0.94          | 3           | Vertical   | 211            | 1.87          | -        |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.144G       | 53.00             | 54.00             | -1.00          | 3           | Vertical   | 208            | 1.89          | -        |
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | AV   | 11.49G       | 48.21             | 54.00             | -5.79          | 3           | Horizontal | 5              | 1.40          | -        |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | AV   | 11.49002G    | 47.51             | 54.00             | -6.49          | 3           | Horizontal | 3              | 1.42          | -        |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | PK   | 5.9362G      | 58.71             | 68.20             | -9.49          | 3           | Vertical   | 194            | 1.82          | -        |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | PK   | 5.649G       | 66.92             | 68.20             | -1.28          | 3           | Horizontal | 176            | 1.75          | -        |

Result

| Mode                     | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11a_Nss1,(6Mbps)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5180MHz                  | Pass   | AV   | 5.1498G   | 50.84          | 54.00          | -3.16       | 3        | Vertical   | 207         | 1.86       | -        |
| 5180MHz                  | Pass   | AV   | 5.1748G   | 109.32         | Inf            | -Inf        | 3        | Vertical   | 207         | 1.86       | -        |
| 5180MHz                  | Pass   | PK   | 5.1494G   | 62.47          | 74.00          | -11.53      | 3        | Vertical   | 207         | 1.86       | -        |
| 5180MHz                  | Pass   | PK   | 5.1838G   | 118.53         | Inf            | -Inf        | 3        | Vertical   | 207         | 1.86       | -        |
| 5180MHz                  | Pass   | AV   | 5.1474G   | 48.60          | 54.00          | -5.40       | 3        | Horizontal | 333         | 1.61       | -        |
| 5180MHz                  | Pass   | AV   | 5.1828G   | 107.98         | Inf            | -Inf        | 3        | Horizontal | 333         | 1.61       | -        |
| 5180MHz                  | Pass   | PK   | 5.148G    | 60.24          | 74.00          | -13.76      | 3        | Horizontal | 333         | 1.61       | -        |
| 5180MHz                  | Pass   | PK   | 5.1826G   | 117.96         | Inf            | -Inf        | 3        | Horizontal | 333         | 1.61       | -        |
| 5180MHz                  | Pass   | PK   | 10.35983G | 55.81          | 68.20          | -12.39      | 3        | Vertical   | 346         | 1.33       | -        |
| 5180MHz                  | Pass   | PK   | 10.35976G | 56.84          | 68.20          | -11.36      | 3        | Horizontal | 352         | 1.00       | -        |
| 5200MHz                  | Pass   | AV   | 5.144G    | 45.48          | 54.00          | -8.52       | 3        | Vertical   | 212         | 1.81       | -        |
| 5200MHz                  | Pass   | AV   | 5.204G    | 108.99         | Inf            | -Inf        | 3        | Vertical   | 212         | 1.81       | -        |
| 5200MHz                  | Pass   | PK   | 5.1496G   | 58.82          | 74.00          | -15.18      | 3        | Vertical   | 212         | 1.81       | -        |
| 5200MHz                  | Pass   | PK   | 5.1992G   | 118.17         | Inf            | -Inf        | 3        | Vertical   | 212         | 1.81       | -        |
| 5200MHz                  | Pass   | AV   | 5.1476G   | 44.89          | 54.00          | -9.11       | 3        | Horizontal | 330         | 1.69       | -        |
| 5200MHz                  | Pass   | AV   | 5.2024G   | 107.86         | Inf            | -Inf        | 3        | Horizontal | 330         | 1.69       | -        |
| 5200MHz                  | Pass   | PK   | 5.1112G   | 57.29          | 74.00          | -16.71      | 3        | Horizontal | 330         | 1.69       | -        |
| 5200MHz                  | Pass   | PK   | 5.2024G   | 117.61         | Inf            | -Inf        | 3        | Horizontal | 330         | 1.69       | -        |
| 5200MHz                  | Pass   | PK   | 10.39997G | 55.47          | 68.20          | -12.73      | 3        | Vertical   | 356         | 1.50       | -        |
| 5200MHz                  | Pass   | PK   | 10.39984G | 56.81          | 68.20          | -11.39      | 3        | Horizontal | 350         | 1.02       | -        |
| 5240MHz                  | Pass   | AV   | 5.1458G   | 45.20          | 54.00          | -8.80       | 3        | Vertical   | 210         | 1.83       | -        |
| 5240MHz                  | Pass   | AV   | 5.2412G   | 109.33         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.83       | -        |
| 5240MHz                  | Pass   | AV   | 5.3762G   | 49.01          | 54.00          | -4.99       | 3        | Vertical   | 210         | 1.83       | -        |
| 5240MHz                  | Pass   | PK   | 5.1032G   | 57.47          | 74.00          | -16.53      | 3        | Vertical   | 210         | 1.83       | -        |
| 5240MHz                  | Pass   | PK   | 5.2364G   | 118.83         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.83       | -        |
| 5240MHz                  | Pass   | PK   | 5.3756G   | 56.33          | 74.00          | -17.67      | 3        | Vertical   | 210         | 1.83       | -        |
| 5240MHz                  | Pass   | AV   | 5.1452G   | 44.46          | 54.00          | -9.54       | 3        | Horizontal | 36          | 1.87       | -        |
| 5240MHz                  | Pass   | AV   | 5.2448G   | 108.34         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.87       | -        |
| 5240MHz                  | Pass   | AV   | 5.3756G   | 44.76          | 54.00          | -9.24       | 3        | Horizontal | 36          | 1.87       | -        |
| 5240MHz                  | Pass   | PK   | 5.1482G   | 56.28          | 74.00          | -17.72      | 3        | Horizontal | 36          | 1.87       | -        |
| 5240MHz                  | Pass   | PK   | 5.2358G   | 117.88         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.87       | -        |
| 5240MHz                  | Pass   | PK   | 5.3888G   | 54.78          | 74.00          | -19.22      | 3        | Horizontal | 36          | 1.87       | -        |
| 5240MHz                  | Pass   | PK   | 10.47972G | 55.66          | 68.20          | -12.54      | 3        | Vertical   | 354         | 2.98       | -        |
| 5240MHz                  | Pass   | PK   | 10.47992G | 55.72          | 68.20          | -12.48      | 3        | Horizontal | 56          | 1.60       | -        |
| 5745MHz                  | Pass   | AV   | 5.7402G   | 111.60         | Inf            | -Inf        | 3        | Vertical   | 196         | 1.87       | -        |
| 5745MHz                  | Pass   | PK   | 5.553G    | 59.32          | 68.20          | -8.88       | 3        | Vertical   | 196         | 1.87       | -        |
| 5745MHz                  | Pass   | PK   | 5.7402G   | 120.43         | Inf            | -Inf        | 3        | Vertical   | 196         | 1.87       | -        |
| 5745MHz                  | Pass   | PK   | 5.9406G   | 58.24          | 68.20          | -9.96       | 3        | Vertical   | 196         | 1.87       | -        |
| 5745MHz                  | Pass   | AV   | 5.7474G   | 110.70         | Inf            | -Inf        | 3        | Horizontal | 175         | 1.94       | -        |
| 5745MHz                  | Pass   | PK   | 5.6454G   | 59.96          | 68.20          | -8.24       | 3        | Horizontal | 175         | 1.94       | -        |
| 5745MHz                  | Pass   | PK   | 5.7486G   | 120.05         | Inf            | -Inf        | 3        | Horizontal | 175         | 1.94       | -        |
| 5745MHz                  | Pass   | PK   | 5.9466G   | 57.48          | 68.20          | -10.72      | 3        | Horizontal | 175         | 1.94       | -        |
| 5745MHz                  | Pass   | AV   | 11.48988G | 46.29          | 54.00          | -7.71       | 3        | Vertical   | 1           | 2.21       | -        |
| 5745MHz                  | Pass   | PK   | 11.49028G | 55.88          | 74.00          | -18.12      | 3        | Vertical   | 1           | 2.21       | -        |
| 5745MHz                  | Pass   | AV   | 11.49G    | 48.21          | 54.00          | -5.79       | 3        | Horizontal | 5           | 1.40       | -        |
| 5745MHz                  | Pass   | PK   | 11.4906G  | 59.88          | 74.00          | -14.12      | 3        | Horizontal | 5           | 1.40       | -        |
| 5785MHz                  | Pass   | AV   | 5.7802G   | 112.24         | Inf            | -Inf        | 3        | Vertical   | 195         | 1.73       | -        |
| 5785MHz                  | Pass   | PK   | 5.599G    | 57.39          | 68.20          | -10.81      | 3        | Vertical   | 195         | 1.73       | -        |
| 5785MHz                  | Pass   | PK   | 5.7898G   | 121.43         | Inf            | -Inf        | 3        | Vertical   | 195         | 1.73       | -        |
| 5785MHz                  | Pass   | PK   | 5.9326G   | 58.54          | 68.20          | -9.66       | 3        | Vertical   | 195         | 1.73       | -        |
| 5785MHz                  | Pass   | AV   | 5.7874G   | 110.83         | Inf            | -Inf        | 3        | Horizontal | 172         | 1.57       | -        |
| 5785MHz                  | Pass   | PK   | 5.599G    | 59.37          | 68.20          | -8.83       | 3        | Horizontal | 172         | 1.57       | -        |
| 5785MHz                  | Pass   | PK   | 5.7874G   | 120.42         | Inf            | -Inf        | 3        | Horizontal | 172         | 1.57       | -        |
| 5785MHz                  | Pass   | PK   | 5.9422G   | 57.81          | 68.20          | -10.39      | 3        | Horizontal | 172         | 1.57       | -        |
| 5785MHz                  | Pass   | AV   | 11.56986G | 47.56          | 54.00          | -6.44       | 3        | Vertical   | 352         | 2.41       | -        |
| 5785MHz                  | Pass   | PK   | 11.56974G | 55.66          | 74.00          | -18.34      | 3        | Vertical   | 352         | 2.41       | -        |
| 5785MHz                  | Pass   | AV   | 11.56984G | 47.45          | 54.00          | -6.55       | 3        | Horizontal | 1           | 1.50       | -        |
| 5785MHz                  | Pass   | PK   | 11.5701G  | 59.57          | 74.00          | -14.43      | 3        | Horizontal | 1           | 1.50       | -        |
| 5825MHz                  | Pass   | AV   | 5.8262G   | 112.51         | Inf            | -Inf        | 3        | Vertical   | 173         | 2.03       | -        |
| 5825MHz                  | Pass   | PK   | 5.6342G   | 59.52          | 68.20          | -8.68       | 3        | Vertical   | 173         | 2.03       | -        |

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5825MHz                        | Pass   | PK   | 5.8214G   | 122.17         | Inf            | -Inf        | 3        | Vertical   | 173         | 2.03       | -        |
| 5825MHz                        | Pass   | PK   | 5.9258G   | 60.75          | 68.20          | -7.45       | 3        | Vertical   | 173         | 2.03       | -        |
| 5825MHz                        | Pass   | AV   | 5.8202G   | 111.06         | Inf            | -Inf        | 3        | Horizontal | 176         | 1.67       | -        |
| 5825MHz                        | Pass   | PK   | 5.6054G   | 58.07          | 68.20          | -10.13      | 3        | Horizontal | 176         | 1.67       | -        |
| 5825MHz                        | Pass   | PK   | 5.8202G   | 120.88         | Inf            | -Inf        | 3        | Horizontal | 176         | 1.67       | -        |
| 5825MHz                        | Pass   | PK   | 5.9246G   | 61.75          | 68.50          | -6.75       | 3        | Horizontal | 176         | 1.67       | -        |
| 5825MHz                        | Pass   | AV   | 11.6499G  | 45.68          | 54.00          | -8.32       | 3        | Vertical   | 1           | 1.92       | -        |
| 5825MHz                        | Pass   | PK   | 11.65002G | 56.43          | 74.00          | -17.57      | 3        | Vertical   | 1           | 1.92       | -        |
| 5825MHz                        | Pass   | AV   | 11.65006G | 47.05          | 54.00          | -6.95       | 3        | Horizontal | 323         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 11.64878G | 58.99          | 74.00          | -15.01      | 3        | Horizontal | 323         | 1.50       | -        |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5180MHz                        | Pass   | AV   | 5.1486G   | 53.16          | 54.00          | -0.84       | 3        | Vertical   | 211         | 1.84       | -        |
| 5180MHz                        | Pass   | AV   | 5.1786G   | 109.81         | Inf            | -Inf        | 3        | Vertical   | 211         | 1.84       | -        |
| 5180MHz                        | Pass   | PK   | 5.1486G   | 65.33          | 74.00          | -8.67       | 3        | Vertical   | 211         | 1.84       | -        |
| 5180MHz                        | Pass   | PK   | 5.1806G   | 121.03         | Inf            | -Inf        | 3        | Vertical   | 211         | 1.84       | -        |
| 5180MHz                        | Pass   | AV   | 5.1458G   | 50.39          | 54.00          | -3.61       | 3        | Horizontal | 335         | 1.59       | -        |
| 5180MHz                        | Pass   | AV   | 5.1764G   | 107.81         | Inf            | -Inf        | 3        | Horizontal | 335         | 1.59       | -        |
| 5180MHz                        | Pass   | PK   | 5.1476G   | 63.20          | 74.00          | -10.80      | 3        | Horizontal | 335         | 1.59       | -        |
| 5180MHz                        | Pass   | PK   | 5.185G    | 120.40         | Inf            | -Inf        | 3        | Horizontal | 335         | 1.59       | -        |
| 5180MHz                        | Pass   | PK   | 10.36023G | 54.70          | 68.20          | -13.50      | 3        | Vertical   | 348         | 1.42       | -        |
| 5180MHz                        | Pass   | PK   | 10.36035G | 57.09          | 68.20          | -11.11      | 3        | Horizontal | 352         | 1.04       | -        |
| 5200MHz                        | Pass   | AV   | 5.1436G   | 45.62          | 54.00          | -8.38       | 3        | Vertical   | 212         | 1.64       | -        |
| 5200MHz                        | Pass   | AV   | 5.2032G   | 109.47         | Inf            | -Inf        | 3        | Vertical   | 212         | 1.64       | -        |
| 5200MHz                        | Pass   | PK   | 5.1452G   | 57.63          | 74.00          | -16.37      | 3        | Vertical   | 212         | 1.64       | -        |
| 5200MHz                        | Pass   | PK   | 5.2032G   | 121.74         | Inf            | -Inf        | 3        | Vertical   | 212         | 1.64       | -        |
| 5200MHz                        | Pass   | AV   | 5.1428G   | 44.96          | 54.00          | -9.04       | 3        | Horizontal | 63          | 1.65       | -        |
| 5200MHz                        | Pass   | AV   | 5.2032G   | 108.07         | Inf            | -Inf        | 3        | Horizontal | 63          | 1.65       | -        |
| 5200MHz                        | Pass   | PK   | 5.1332G   | 57.05          | 74.00          | -16.95      | 3        | Horizontal | 63          | 1.65       | -        |
| 5200MHz                        | Pass   | PK   | 5.1936G   | 120.45         | Inf            | -Inf        | 3        | Horizontal | 63          | 1.65       | -        |
| 5200MHz                        | Pass   | PK   | 10.40009G | 55.21          | 68.20          | -12.99      | 3        | Vertical   | 348         | 1.44       | -        |
| 5200MHz                        | Pass   | PK   | 10.4G     | 55.12          | 68.20          | -13.08      | 3        | Horizontal | 354         | 1.08       | -        |
| 5240MHz                        | Pass   | AV   | 5.1488G   | 46.66          | 54.00          | -7.34       | 3        | Vertical   | 210         | 1.91       | -        |
| 5240MHz                        | Pass   | AV   | 5.2334G   | 111.45         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.91       | -        |
| 5240MHz                        | Pass   | AV   | 5.3762G   | 49.71          | 54.00          | -4.29       | 3        | Vertical   | 210         | 1.91       | -        |
| 5240MHz                        | Pass   | PK   | 5.1122G   | 58.70          | 74.00          | -15.30      | 3        | Vertical   | 210         | 1.91       | -        |
| 5240MHz                        | Pass   | PK   | 5.243G    | 123.95         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.91       | -        |
| 5240MHz                        | Pass   | PK   | 5.3756G   | 59.23          | 74.00          | -14.77      | 3        | Vertical   | 210         | 1.91       | -        |
| 5240MHz                        | Pass   | AV   | 5.1422G   | 45.95          | 54.00          | -8.05       | 3        | Horizontal | 31          | 1.68       | -        |
| 5240MHz                        | Pass   | AV   | 5.2388G   | 109.52         | Inf            | -Inf        | 3        | Horizontal | 31          | 1.68       | -        |
| 5240MHz                        | Pass   | AV   | 5.3762G   | 46.45          | 54.00          | -7.55       | 3        | Horizontal | 31          | 1.68       | -        |
| 5240MHz                        | Pass   | PK   | 5.1278G   | 59.20          | 74.00          | -14.80      | 3        | Horizontal | 31          | 1.68       | -        |
| 5240MHz                        | Pass   | PK   | 5.2388G   | 120.57         | Inf            | -Inf        | 3        | Horizontal | 31          | 1.68       | -        |
| 5240MHz                        | Pass   | PK   | 5.3624G   | 58.24          | 74.00          | -15.76      | 3        | Horizontal | 31          | 1.68       | -        |
| 5240MHz                        | Pass   | PK   | 10.48G    | 55.27          | 68.20          | -12.93      | 3        | Vertical   | 353         | 1.50       | -        |
| 5240MHz                        | Pass   | PK   | 10.47986G | 55.21          | 68.20          | -12.99      | 3        | Horizontal | 63          | 1.62       | -        |
| 5745MHz                        | Pass   | AV   | 5.7498G   | 111.38         | Inf            | -Inf        | 3        | Vertical   | 196         | 1.74       | -        |
| 5745MHz                        | Pass   | PK   | 5.5494G   | 58.56          | 68.20          | -9.64       | 3        | Vertical   | 196         | 1.74       | -        |
| 5745MHz                        | Pass   | PK   | 5.7402G   | 122.64         | Inf            | -Inf        | 3        | Vertical   | 196         | 1.74       | -        |
| 5745MHz                        | Pass   | PK   | 5.9382G   | 57.08          | 68.20          | -11.12      | 3        | Vertical   | 196         | 1.74       | -        |
| 5745MHz                        | Pass   | AV   | 5.7414G   | 110.55         | Inf            | -Inf        | 3        | Horizontal | 175         | 2.07       | -        |
| 5745MHz                        | Pass   | PK   | 5.6442G   | 58.67          | 68.20          | -9.53       | 3        | Horizontal | 175         | 2.07       | -        |
| 5745MHz                        | Pass   | PK   | 5.7486G   | 121.76         | Inf            | -Inf        | 3        | Horizontal | 175         | 2.07       | -        |
| 5745MHz                        | Pass   | PK   | 5.9274G   | 58.08          | 68.20          | -10.12      | 3        | Horizontal | 175         | 2.07       | -        |
| 5745MHz                        | Pass   | AV   | 11.48996G | 45.62          | 54.00          | -8.38       | 3        | Vertical   | 356         | 2.24       | -        |
| 5745MHz                        | Pass   | PK   | 11.48958G | 56.67          | 74.00          | -17.33      | 3        | Vertical   | 356         | 2.24       | -        |
| 5745MHz                        | Pass   | AV   | 11.49002G | 47.51          | 54.00          | -6.49       | 3        | Horizontal | 3           | 1.42       | -        |
| 5745MHz                        | Pass   | PK   | 11.48983G | 60.60          | 74.00          | -13.40      | 3        | Horizontal | 3           | 1.42       | -        |
| 5785MHz                        | Pass   | AV   | 5.779G    | 112.44         | Inf            | -Inf        | 3        | Vertical   | 195         | 1.83       | -        |
| 5785MHz                        | Pass   | PK   | 5.5042G   | 58.93          | 68.20          | -9.27       | 3        | Vertical   | 195         | 1.83       | -        |
| 5785MHz                        | Pass   | PK   | 5.779G    | 123.43         | Inf            | -Inf        | 3        | Vertical   | 195         | 1.83       | -        |
| 5785MHz                        | Pass   | PK   | 5.9254G   | 58.86          | 68.20          | -9.34       | 3        | Vertical   | 195         | 1.83       | -        |
| 5785MHz                        | Pass   | AV   | 5.7814G   | 111.07         | Inf            | -Inf        | 3        | Horizontal | 173         | 2.09       | -        |

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5785MHz                        | Pass   | PK   | 5.5894G   | 59.35          | 68.20          | -8.85       | 3        | Horizontal | 173         | 2.09       | -        |
| 5785MHz                        | Pass   | PK   | 5.7898G   | 123.42         | Inf            | -Inf        | 3        | Horizontal | 173         | 2.09       | -        |
| 5785MHz                        | Pass   | PK   | 5.9254G   | 58.90          | 68.20          | -9.30       | 3        | Horizontal | 173         | 2.09       | -        |
| 5785MHz                        | Pass   | AV   | 11.56992G | 46.40          | 54.00          | -7.60       | 3        | Vertical   | 347         | 2.29       | -        |
| 5785MHz                        | Pass   | PK   | 11.56988G | 55.34          | 74.00          | -18.66      | 3        | Vertical   | 347         | 2.29       | -        |
| 5785MHz                        | Pass   | AV   | 11.56976G | 46.95          | 54.00          | -7.05       | 3        | Horizontal | 360         | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 11.56996G | 60.31          | 74.00          | -13.69      | 3        | Horizontal | 360         | 1.50       | -        |
| 5825MHz                        | Pass   | AV   | 5.8214G   | 111.95         | Inf            | -Inf        | 3        | Vertical   | 176         | 1.96       | -        |
| 5825MHz                        | Pass   | PK   | 5.639G    | 58.21          | 68.20          | -9.99       | 3        | Vertical   | 176         | 1.96       | -        |
| 5825MHz                        | Pass   | PK   | 5.831G    | 122.35         | Inf            | -Inf        | 3        | Vertical   | 176         | 1.96       | -        |
| 5825MHz                        | Pass   | PK   | 5.927G    | 61.29          | 68.20          | -6.91       | 3        | Vertical   | 176         | 1.96       | -        |
| 5825MHz                        | Pass   | AV   | 5.8202G   | 110.33         | Inf            | -Inf        | 3        | Horizontal | 178         | 1.67       | -        |
| 5825MHz                        | Pass   | PK   | 5.6402G   | 58.18          | 68.20          | -10.02      | 3        | Horizontal | 178         | 1.67       | -        |
| 5825MHz                        | Pass   | PK   | 5.8202G   | 122.08         | Inf            | -Inf        | 3        | Horizontal | 178         | 1.67       | -        |
| 5825MHz                        | Pass   | PK   | 5.927G    | 61.57          | 68.20          | -6.63       | 3        | Horizontal | 178         | 1.67       | -        |
| 5825MHz                        | Pass   | AV   | 11.64997G | 45.41          | 54.00          | -8.59       | 3        | Vertical   | 360         | 1.91       | -        |
| 5825MHz                        | Pass   | PK   | 11.64998G | 55.79          | 74.00          | -18.21      | 3        | Vertical   | 360         | 1.91       | -        |
| 5825MHz                        | Pass   | AV   | 11.64992G | 47.51          | 54.00          | -6.49       | 3        | Horizontal | 5           | 1.15       | -        |
| 5825MHz                        | Pass   | PK   | 11.6498G  | 60.36          | 74.00          | -13.64      | 3        | Horizontal | 5           | 1.15       | -        |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5190MHz                        | Pass   | AV   | 5.1488G   | 53.06          | 54.00          | -0.94       | 3        | Vertical   | 211         | 1.87       | -        |
| 5190MHz                        | Pass   | AV   | 5.1884G   | 105.42         | Inf            | -Inf        | 3        | Vertical   | 211         | 1.87       | -        |
| 5190MHz                        | Pass   | PK   | 5.1488G   | 64.51          | 74.00          | -9.49       | 3        | Vertical   | 211         | 1.87       | -        |
| 5190MHz                        | Pass   | PK   | 5.178G    | 116.81         | Inf            | -Inf        | 3        | Vertical   | 211         | 1.87       | -        |
| 5190MHz                        | Pass   | AV   | 5.1464G   | 50.07          | 54.00          | -3.93       | 3        | Horizontal | 334         | 1.50       | -        |
| 5190MHz                        | Pass   | AV   | 5.1852G   | 103.25         | Inf            | -Inf        | 3        | Horizontal | 334         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 5.146G    | 63.09          | 74.00          | -10.91      | 3        | Horizontal | 334         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 5.1952G   | 115.34         | Inf            | -Inf        | 3        | Horizontal | 334         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 10.38014G | 55.48          | 68.20          | -12.72      | 3        | Vertical   | 1           | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 10.38007G | 56.20          | 68.20          | -12.00      | 3        | Horizontal | 355         | 1.65       | -        |
| 5230MHz                        | Pass   | AV   | 5.1496G   | 52.38          | 54.00          | -1.62       | 3        | Vertical   | 210         | 1.79       | -        |
| 5230MHz                        | Pass   | AV   | 5.2288G   | 109.91         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.79       | -        |
| 5230MHz                        | Pass   | PK   | 5.148G    | 65.29          | 74.00          | -8.71       | 3        | Vertical   | 210         | 1.79       | -        |
| 5230MHz                        | Pass   | PK   | 5.2276G   | 120.81         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.79       | -        |
| 5230MHz                        | Pass   | AV   | 5.1432G   | 49.32          | 54.00          | -4.68       | 3        | Horizontal | 30          | 1.55       | -        |
| 5230MHz                        | Pass   | AV   | 5.234G    | 108.56         | Inf            | -Inf        | 3        | Horizontal | 30          | 1.55       | -        |
| 5230MHz                        | Pass   | PK   | 5.146G    | 62.22          | 74.00          | -11.78      | 3        | Horizontal | 30          | 1.55       | -        |
| 5230MHz                        | Pass   | PK   | 5.2252G   | 119.77         | Inf            | -Inf        | 3        | Horizontal | 30          | 1.55       | -        |
| 5230MHz                        | Pass   | PK   | 10.45992G | 55.73          | 68.20          | -12.47      | 3        | Vertical   | 359         | 1.50       | -        |
| 5230MHz                        | Pass   | PK   | 10.45999G | 55.40          | 68.20          | -12.80      | 3        | Horizontal | 2           | 1.64       | -        |
| 5755MHz                        | Pass   | AV   | 5.7598G   | 109.42         | Inf            | -Inf        | 3        | Vertical   | 194         | 1.82       | -        |
| 5755MHz                        | Pass   | PK   | 5.5594G   | 58.55          | 68.20          | -9.65       | 3        | Vertical   | 194         | 1.82       | -        |
| 5755MHz                        | Pass   | PK   | 5.7598G   | 121.33         | Inf            | -Inf        | 3        | Vertical   | 194         | 1.82       | -        |
| 5755MHz                        | Pass   | PK   | 5.9362G   | 58.71          | 68.20          | -9.49       | 3        | Vertical   | 194         | 1.82       | -        |
| 5755MHz                        | Pass   | AV   | 5.7598G   | 107.89         | Inf            | -Inf        | 3        | Horizontal | 177         | 2.16       | -        |
| 5755MHz                        | Pass   | PK   | 5.6494G   | 58.54          | 68.20          | -9.66       | 3        | Horizontal | 177         | 2.16       | -        |
| 5755MHz                        | Pass   | PK   | 5.7598G   | 119.35         | Inf            | -Inf        | 3        | Horizontal | 177         | 2.16       | -        |
| 5755MHz                        | Pass   | PK   | 5.9362G   | 58.26          | 68.20          | -9.94       | 3        | Horizontal | 177         | 2.16       | -        |
| 5755MHz                        | Pass   | AV   | 11.51095G | 43.45          | 54.00          | -10.55      | 3        | Vertical   | 79          | 1.50       | -        |
| 5755MHz                        | Pass   | PK   | 11.5103G  | 56.73          | 74.00          | -17.27      | 3        | Vertical   | 79          | 1.50       | -        |
| 5755MHz                        | Pass   | AV   | 11.50995G | 44.23          | 54.00          | -9.77       | 3        | Horizontal | 50          | 1.50       | -        |
| 5755MHz                        | Pass   | PK   | 11.51001G | 56.57          | 74.00          | -17.43      | 3        | Horizontal | 50          | 1.50       | -        |
| 5795MHz                        | Pass   | AV   | 5.7914G   | 109.61         | Inf            | -Inf        | 3        | Vertical   | 174         | 2.04       | -        |
| 5795MHz                        | Pass   | PK   | 5.6186G   | 57.04          | 68.20          | -11.16      | 3        | Vertical   | 174         | 2.04       | -        |
| 5795MHz                        | Pass   | PK   | 5.8118G   | 121.16         | Inf            | -Inf        | 3        | Vertical   | 174         | 2.04       | -        |
| 5795MHz                        | Pass   | PK   | 5.9846G   | 57.92          | 68.20          | -10.28      | 3        | Vertical   | 174         | 2.04       | -        |
| 5795MHz                        | Pass   | AV   | 5.7962G   | 107.68         | Inf            | -Inf        | 3        | Horizontal | 178         | 2.07       | -        |
| 5795MHz                        | Pass   | PK   | 5.6006G   | 58.24          | 68.20          | -9.96       | 3        | Horizontal | 178         | 2.07       | -        |
| 5795MHz                        | Pass   | PK   | 5.7974G   | 119.04         | Inf            | -Inf        | 3        | Horizontal | 178         | 2.07       | -        |
| 5795MHz                        | Pass   | PK   | 5.939G    | 58.57          | 68.20          | -9.63       | 3        | Horizontal | 178         | 2.07       | -        |
| 5795MHz                        | Pass   | AV   | 11.59007G | 43.70          | 54.00          | -10.30      | 3        | Vertical   | 184         | 2.90       | -        |
| 5795MHz                        | Pass   | PK   | 11.59026G | 57.67          | 74.00          | -16.33      | 3        | Vertical   | 184         | 2.90       | -        |



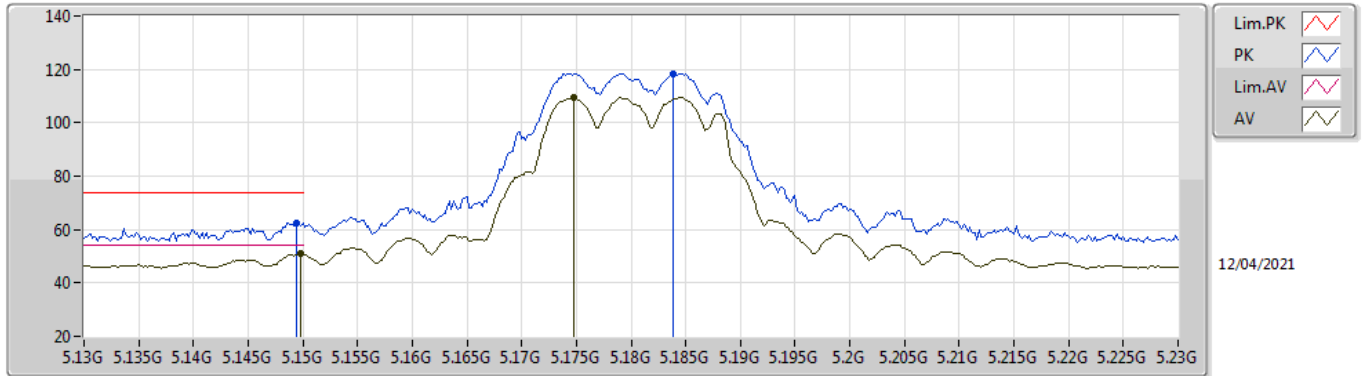
## RSE TX above 1GHz\_Non-Beamforming

## Appendix E.3

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5795MHz                        | Pass   | AV   | 11.58991G | 44.50          | 54.00          | -9.50       | 3        | Horizontal | 4           | 1.50       | -        |
| 5795MHz                        | Pass   | PK   | 11.5902G  | 57.75          | 74.00          | -16.25      | 3        | Horizontal | 4           | 1.50       | -        |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5210MHz                        | Pass   | AV   | 5.144G    | 53.00          | 54.00          | -1.00       | 3        | Vertical   | 208         | 1.89       | -        |
| 5210MHz                        | Pass   | AV   | 5.214G    | 102.06         | Inf            | -Inf        | 3        | Vertical   | 208         | 1.89       | -        |
| 5210MHz                        | Pass   | AV   | 5.376G    | 46.20          | 54.00          | -7.80       | 3        | Vertical   | 208         | 1.89       | -        |
| 5210MHz                        | Pass   | PK   | 5.143G    | 66.56          | 74.00          | -7.44       | 3        | Vertical   | 208         | 1.89       | -        |
| 5210MHz                        | Pass   | PK   | 5.193G    | 113.67         | Inf            | -Inf        | 3        | Vertical   | 208         | 1.89       | -        |
| 5210MHz                        | Pass   | PK   | 5.352G    | 57.65          | 74.00          | -16.35      | 3        | Vertical   | 208         | 1.89       | -        |
| 5210MHz                        | Pass   | AV   | 5.149G    | 51.78          | 54.00          | -2.22       | 3        | Horizontal | 29          | 1.63       | -        |
| 5210MHz                        | Pass   | AV   | 5.22G     | 100.53         | Inf            | -Inf        | 3        | Horizontal | 29          | 1.63       | -        |
| 5210MHz                        | Pass   | AV   | 5.35G     | 43.59          | 54.00          | -10.41      | 3        | Horizontal | 29          | 1.63       | -        |
| 5210MHz                        | Pass   | PK   | 5.139G    | 64.04          | 74.00          | -9.96       | 3        | Horizontal | 29          | 1.63       | -        |
| 5210MHz                        | Pass   | PK   | 5.209G    | 113.16         | Inf            | -Inf        | 3        | Horizontal | 29          | 1.63       | -        |
| 5210MHz                        | Pass   | PK   | 5.354G    | 55.59          | 74.00          | -18.41      | 3        | Horizontal | 29          | 1.63       | -        |
| 5210MHz                        | Pass   | PK   | 10.42009G | 55.48          | 68.20          | -12.72      | 3        | Vertical   | 2           | 1.49       | -        |
| 5210MHz                        | Pass   | PK   | 10.41992G | 55.33          | 68.20          | -12.87      | 3        | Horizontal | 3           | 1.61       | -        |
| 5775MHz                        | Pass   | AV   | 5.7846G   | 106.54         | Inf            | -Inf        | 3        | Vertical   | 195         | 1.82       | -        |
| 5775MHz                        | Pass   | PK   | 5.6454G   | 65.75          | 68.20          | -2.45       | 3        | Vertical   | 195         | 1.82       | -        |
| 5775MHz                        | Pass   | PK   | 5.7642G   | 118.22         | Inf            | -Inf        | 3        | Vertical   | 195         | 1.82       | -        |
| 5775MHz                        | Pass   | PK   | 5.925G    | 64.75          | 68.20          | -3.45       | 3        | Vertical   | 195         | 1.82       | -        |
| 5775MHz                        | Pass   | AV   | 5.7786G   | 105.42         | Inf            | -Inf        | 3        | Horizontal | 176         | 1.75       | -        |
| 5775MHz                        | Pass   | PK   | 5.649G    | 66.92          | 68.20          | -1.28       | 3        | Horizontal | 176         | 1.75       | -        |
| 5775MHz                        | Pass   | PK   | 5.7786G   | 116.51         | Inf            | -Inf        | 3        | Horizontal | 176         | 1.75       | -        |
| 5775MHz                        | Pass   | PK   | 5.9274G   | 63.39          | 68.20          | -4.81       | 3        | Horizontal | 176         | 1.75       | -        |
| 5775MHz                        | Pass   | AV   | 11.54988G | 43.58          | 54.00          | -10.42      | 3        | Vertical   | 10          | 2.20       | -        |
| 5775MHz                        | Pass   | PK   | 11.54966G | 57.07          | 74.00          | -16.93      | 3        | Vertical   | 10          | 2.20       | -        |
| 5775MHz                        | Pass   | AV   | 11.55002G | 44.36          | 54.00          | -9.64       | 3        | Horizontal | 49          | 1.50       | -        |
| 5775MHz                        | Pass   | PK   | 11.55041G | 57.01          | 74.00          | -16.99      | 3        | Horizontal | 49          | 1.50       | -        |

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

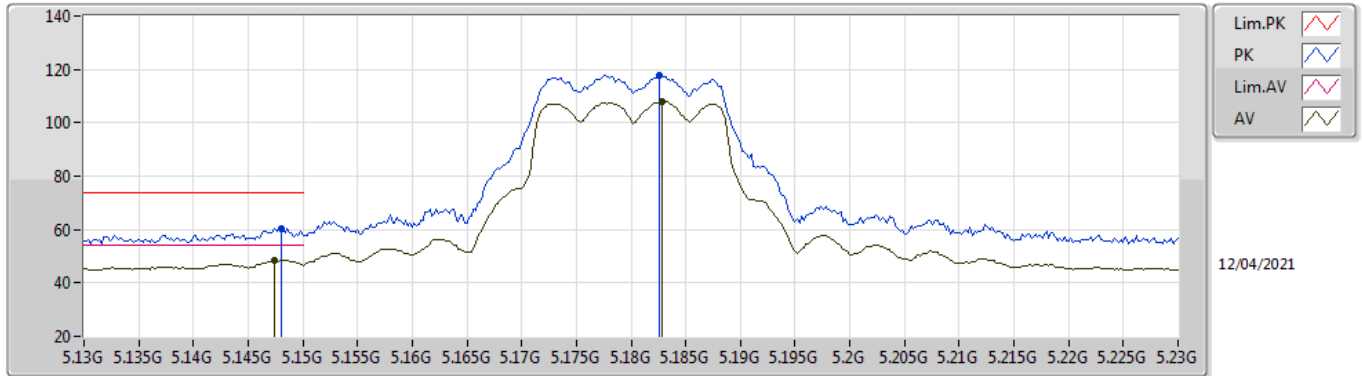
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1498G      | 50.84             | 54.00             | -3.16          | 2.55           | 3           | Vertical  | 207            | 1.86          | -       | 48.29         | 32.00      | 5.47       | 34.92      |
| AV   | 5.1748G      | 109.32            | Inf               | -Inf           | 2.43           | 3           | Vertical  | 207            | 1.86          | -       | 106.89        | 31.85      | 5.49       | 34.91      |
| PK   | 5.1494G      | 62.47             | 74.00             | -11.53         | 2.55           | 3           | Vertical  | 207            | 1.86          | -       | 59.92         | 32.00      | 5.47       | 34.92      |
| PK   | 5.1838G      | 118.53            | Inf               | -Inf           | 2.38           | 3           | Vertical  | 207            | 1.86          | -       | 116.15        | 31.80      | 5.49       | 34.91      |

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

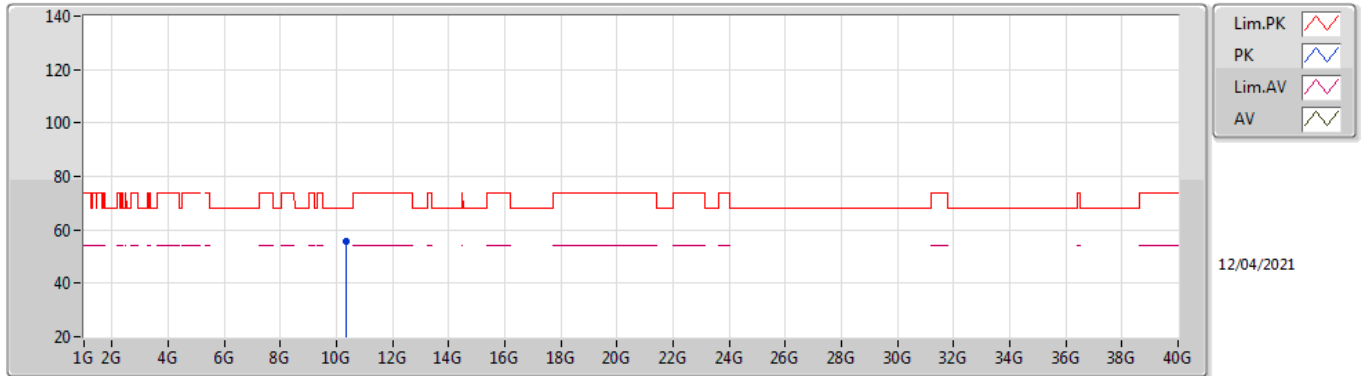
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1474G      | 48.60             | 54.00             | -5.40          | 2.55           | 3           | Horizontal | 333            | 1.61          | -       | 46.05         | 32.00      | 5.47       | 34.92      |
| AV   | 5.1828G      | 107.98            | Inf               | -Inf           | 2.38           | 3           | Horizontal | 333            | 1.61          | -       | 105.60        | 31.80      | 5.49       | 34.91      |
| PK   | 5.148G       | 60.24             | 74.00             | -13.76         | 2.55           | 3           | Horizontal | 333            | 1.61          | -       | 57.69         | 32.00      | 5.47       | 34.92      |
| PK   | 5.1826G      | 117.96            | Inf               | -Inf           | 2.38           | 3           | Horizontal | 333            | 1.61          | -       | 115.58        | 31.80      | 5.49       | 34.91      |

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

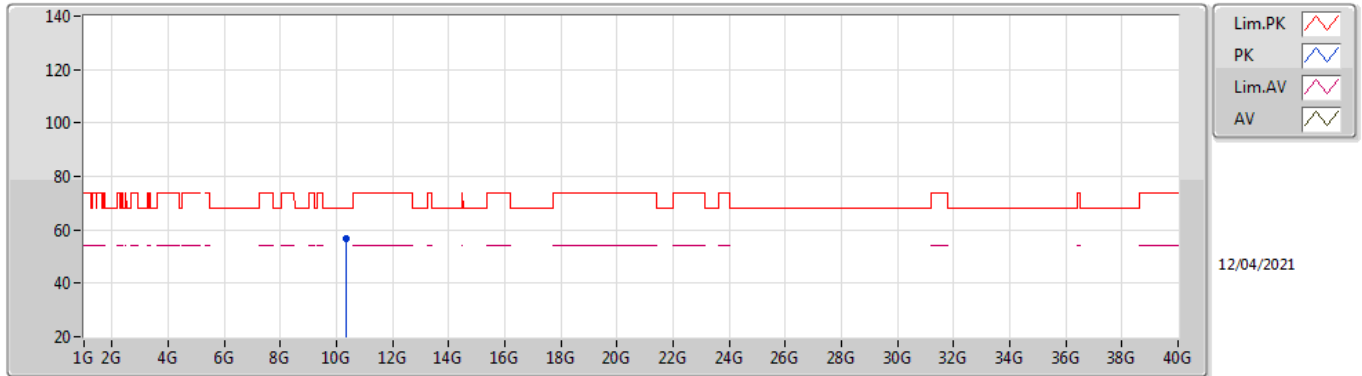
### 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.35983G    | 55.81             | 68.20             | -12.39         | 12.17          | 3           | Vertical  | 346            | 1.33          | -       | 43.64         | 39.48      | 7.93       | 35.24      |

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

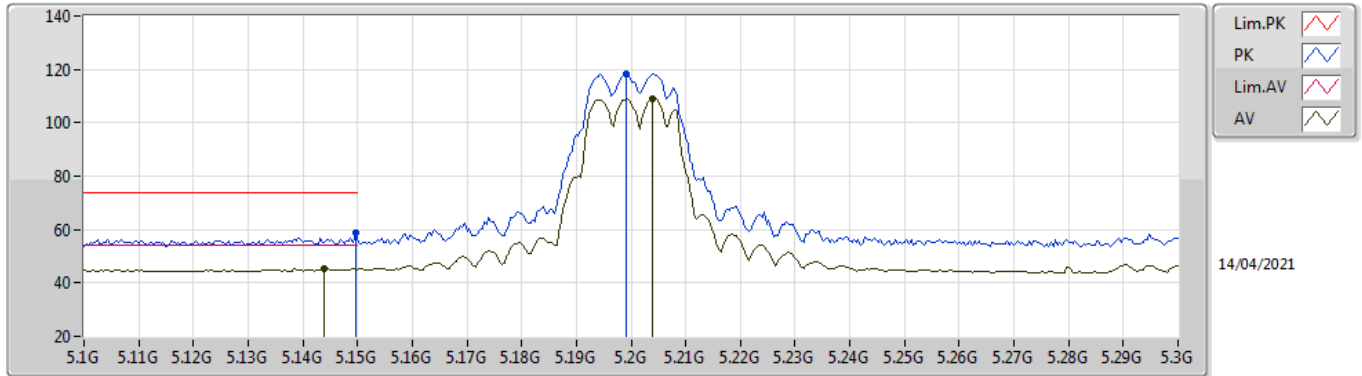
### 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.35976G    | 56.84             | 68.20             | -11.36         | 12.17          | 3           | Horizontal | 352            | 1.00          | -       | 44.67         | 39.48      | 7.93       | 35.24      |

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

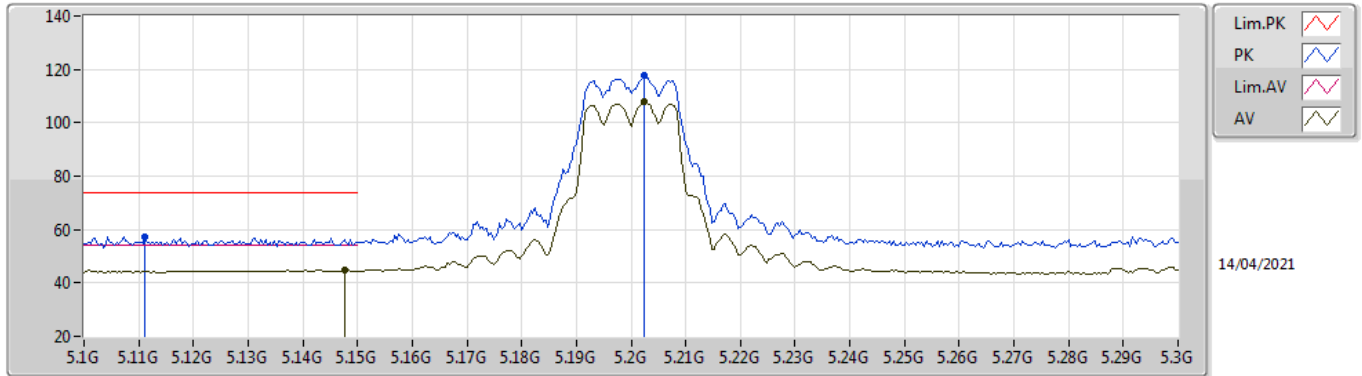
## 5200MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.144G       | 45.48             | 54.00             | -8.52          | 2.55           | 3           | Vertical  | 212            | 1.81          | -       | 42.93         | 32.00      | 5.47       | 34.92      |
| AV   | 5.204G       | 108.99            | Inf               | -Inf           | 2.27           | 3           | Vertical  | 212            | 1.81          | -       | 106.72        | 31.68      | 5.50       | 34.91      |
| PK   | 5.1496G      | 58.82             | 74.00             | -15.18         | 2.55           | 3           | Vertical  | 212            | 1.81          | -       | 56.27         | 32.00      | 5.47       | 34.92      |
| PK   | 5.1992G      | 118.17            | Inf               | -Inf           | 2.29           | 3           | Vertical  | 212            | 1.81          | -       | 115.88        | 31.70      | 5.50       | 34.91      |

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

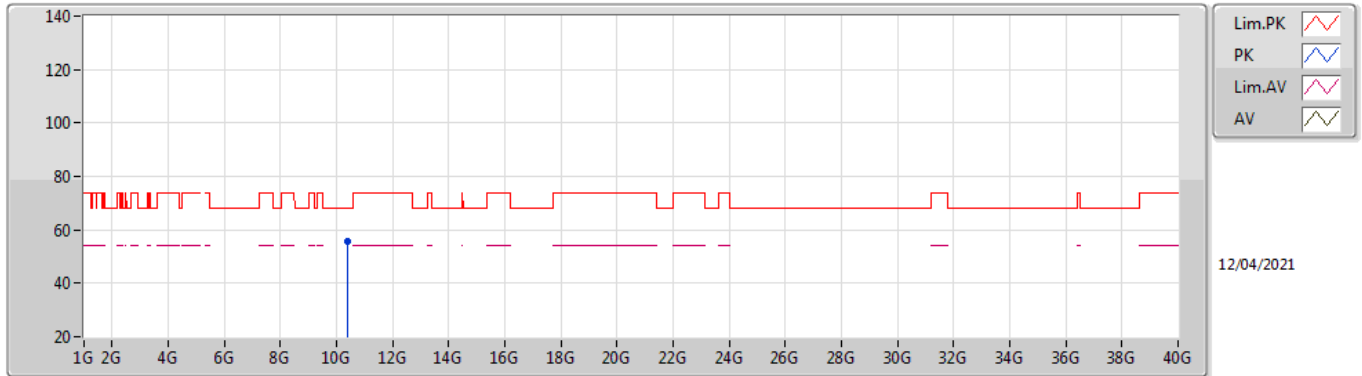
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1476G | 44.89    | 54.00    | -9.11  | 2.55   | 3    | Horizontal | 330     | 1.69   | -       | 42.34  | 32.00 | 5.47 | 34.92 |
| AV   | 5.2024G | 107.86   | Inf      | -Inf   | 2.28   | 3    | Horizontal | 330     | 1.69   | -       | 105.58 | 31.69 | 5.50 | 34.91 |
| PK   | 5.1112G | 57.29    | 74.00    | -16.71 | 2.54   | 3    | Horizontal | 330     | 1.69   | -       | 54.75  | 32.00 | 5.46 | 34.92 |
| PK   | 5.2024G | 117.61   | Inf      | -Inf   | 2.28   | 3    | Horizontal | 330     | 1.69   | -       | 115.33 | 31.69 | 5.50 | 34.91 |

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

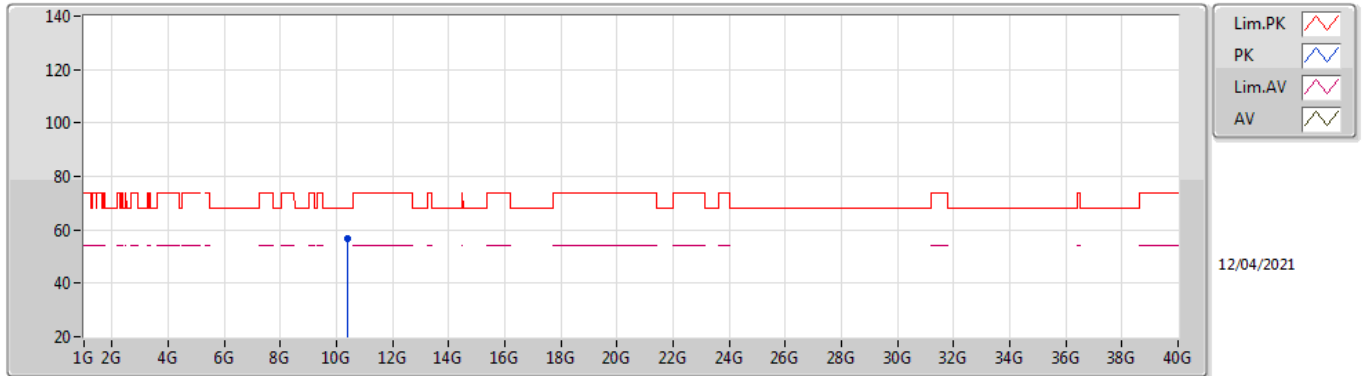
### 5200MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.39997G    | 55.47             | 68.20             | -12.73         | 12.35          | 3           | Vertical  | 356            | 1.50          | -       | 43.12         | 39.60      | 7.94       | 35.19      |

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

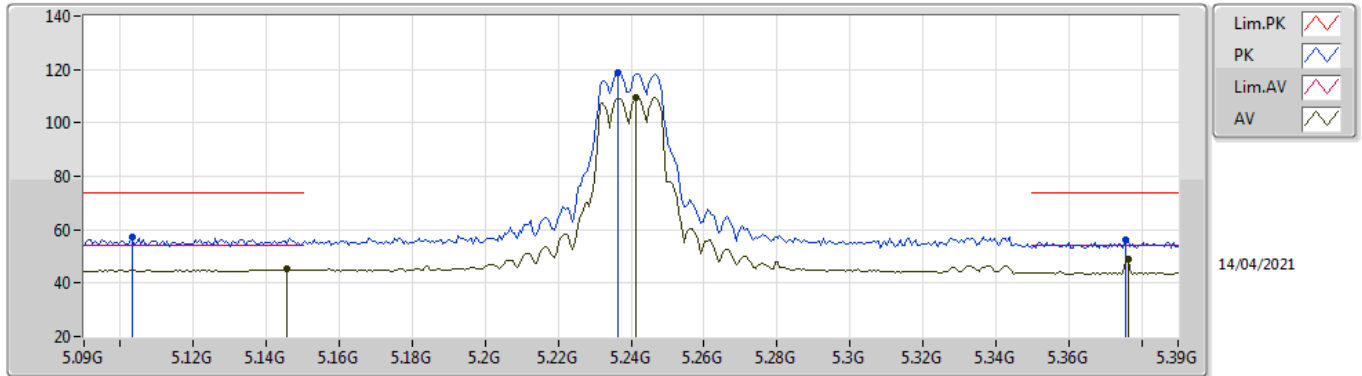
### 5200MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.39984G | 56.81    | 68.20    | -11.39 | 12.35  | 3    | Horizontal | 350     | 1.02   | -       | 44.46  | 39.60 | 7.94 | 35.19 |

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

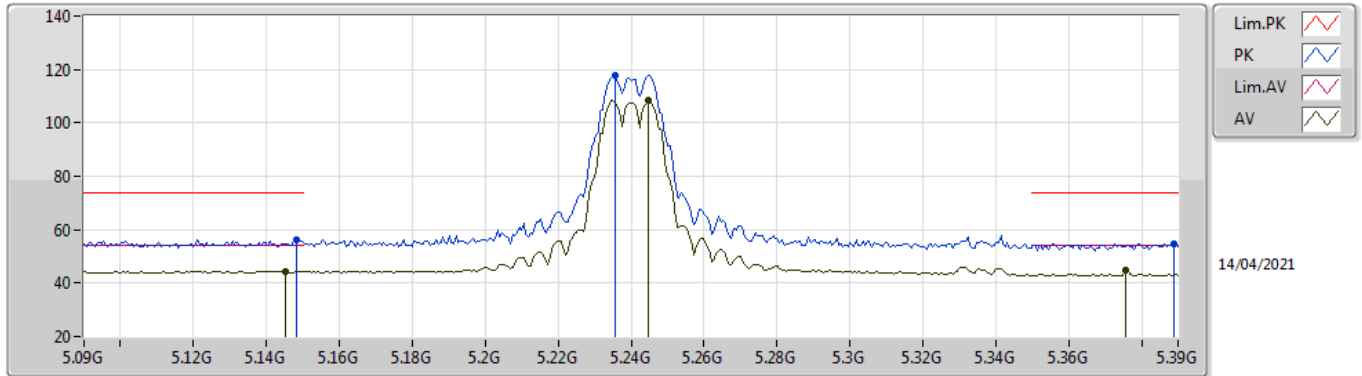
## 5240MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1458G | 45.20    | 54.00    | -8.80  | 2.55   | 3    | Vertical  | 210     | 1.83   | -       | 42.65  | 32.00 | 5.47 | 34.92 |
| AV   | 5.2412G | 109.33   | Inf      | -Inf   | 2.09   | 3    | Vertical  | 210     | 1.83   | -       | 107.24 | 31.45 | 5.54 | 34.90 |
| AV   | 5.3762G | 49.01    | 54.00    | -4.99  | 2.26   | 3    | Vertical  | 210     | 1.83   | -       | 46.75  | 31.46 | 5.68 | 34.88 |
| PK   | 5.1032G | 57.47    | 74.00    | -16.53 | 2.53   | 3    | Vertical  | 210     | 1.83   | -       | 54.94  | 32.00 | 5.45 | 34.92 |
| PK   | 5.2364G | 118.83   | Inf      | -Inf   | 2.12   | 3    | Vertical  | 210     | 1.83   | -       | 116.71 | 31.48 | 5.54 | 34.90 |
| PK   | 5.3756G | 56.33    | 74.00    | -17.67 | 2.25   | 3    | Vertical  | 210     | 1.83   | -       | 54.08  | 31.45 | 5.68 | 34.88 |

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

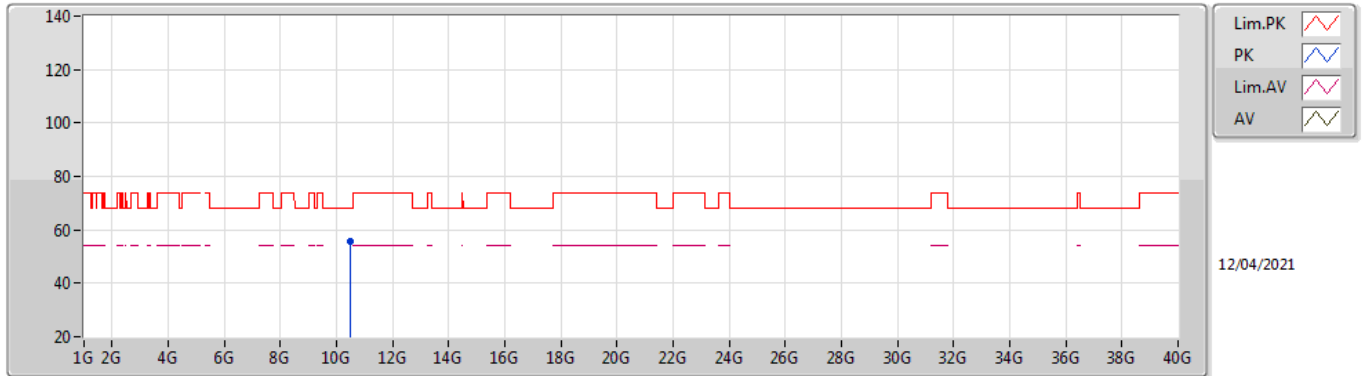
## 5240MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1452G | 44.46    | 54.00    | -9.54  | 2.55   | 3    | Horizontal | 36      | 1.87   | -       | 41.91  | 32.00 | 5.47 | 34.92 |
| AV   | 5.2448G | 108.34   | Inf      | -Inf   | 2.07   | 3    | Horizontal | 36      | 1.87   | -       | 106.27 | 31.43 | 5.54 | 34.90 |
| AV   | 5.3756G | 44.76    | 54.00    | -9.24  | 2.25   | 3    | Horizontal | 36      | 1.87   | -       | 42.51  | 31.45 | 5.68 | 34.88 |
| PK   | 5.1482G | 56.28    | 74.00    | -17.72 | 2.55   | 3    | Horizontal | 36      | 1.87   | -       | 53.73  | 32.00 | 5.47 | 34.92 |
| PK   | 5.2358G | 117.88   | Inf      | -Inf   | 2.13   | 3    | Horizontal | 36      | 1.87   | -       | 115.75 | 31.49 | 5.54 | 34.90 |
| PK   | 5.3888G | 54.78    | 74.00    | -19.22 | 2.34   | 3    | Horizontal | 36      | 1.87   | -       | 52.44  | 31.53 | 5.69 | 34.88 |

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

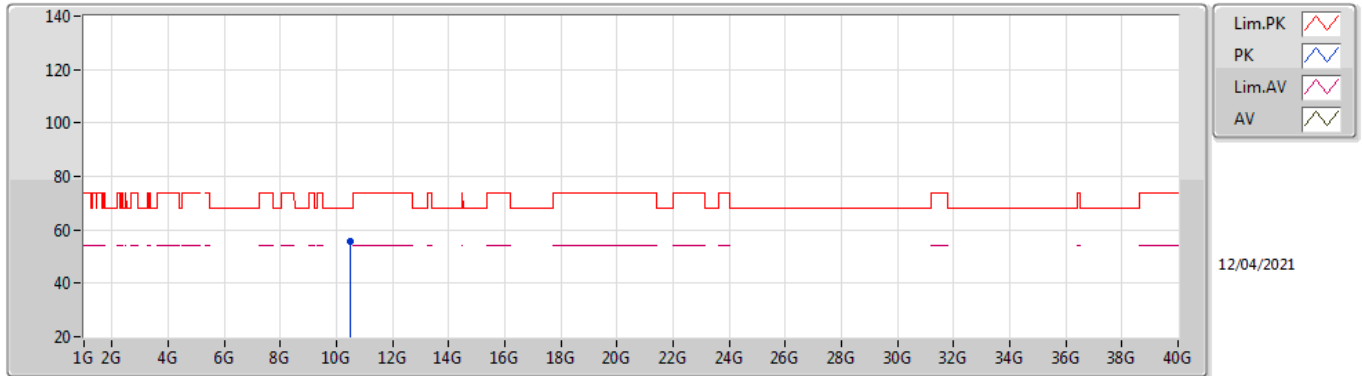
### 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.47972G    | 55.66             | 68.20             | -12.54         | 12.72          | 3           | Vertical  | 354            | 2.98          | -       | 42.94         | 39.84      | 7.97       | 35.09      |

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

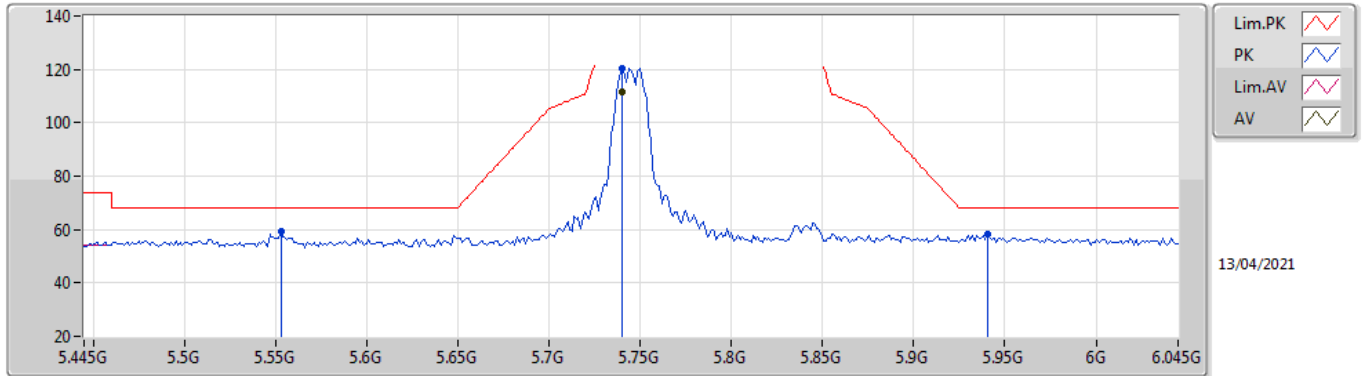
### 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.47992G    | 55.72             | 68.20             | -12.48         | 12.72          | 3           | Horizontal | 56             | 1.60          | -       | 43.00         | 39.84      | 7.97       | 35.09      |

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

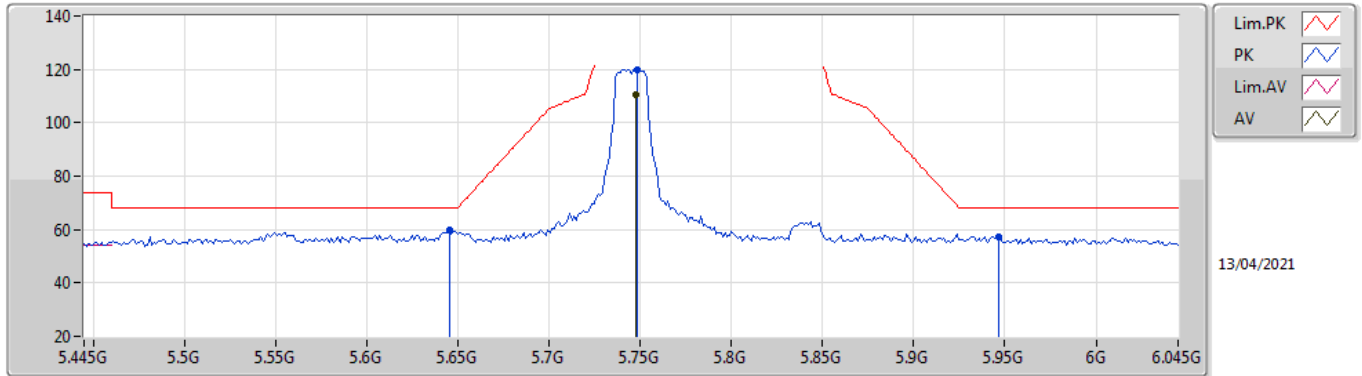
## 5745MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7402G | 111.60   | Inf      | -Inf   | 2.93   | 3    | Vertical  | 196     | 1.87   | -       | 108.67 | 32.06 | 5.80 | 34.93 |
| PK   | 5.553G  | 59.32    | 68.20    | -8.88  | 2.79   | 3    | Vertical  | 196     | 1.87   | -       | 56.53  | 31.89 | 5.78 | 34.88 |
| PK   | 5.7402G | 120.43   | Inf      | -Inf   | 2.93   | 3    | Vertical  | 196     | 1.87   | -       | 117.50 | 32.06 | 5.80 | 34.93 |
| PK   | 5.9406G | 58.24    | 68.20    | -9.96  | 3.46   | 3    | Vertical  | 196     | 1.87   | -       | 54.78  | 32.58 | 5.87 | 34.99 |

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

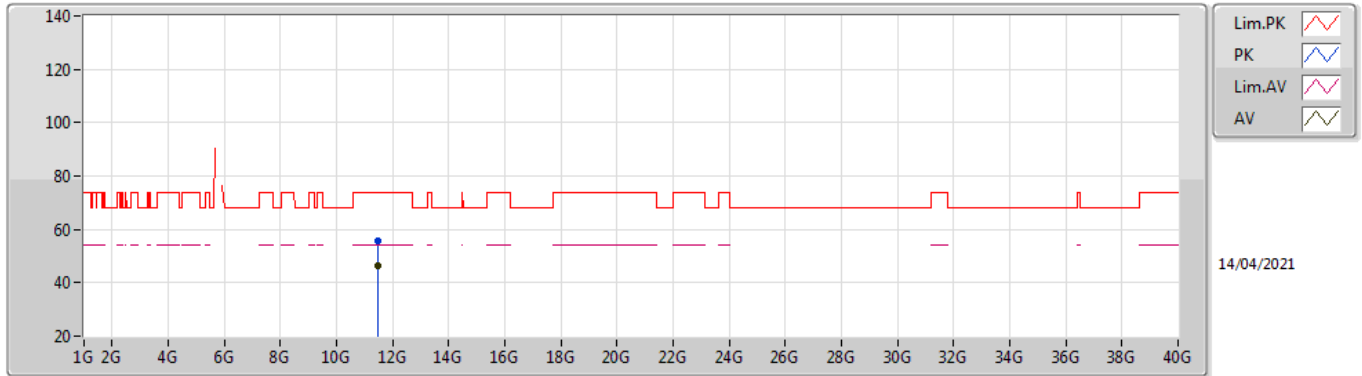
## 5745MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7474G | 110.70   | Inf      | -Inf   | 2.96   | 3    | Horizontal | 175     | 1.94   | -       | 107.74 | 32.09 | 5.80 | 34.93 |
| PK   | 5.6454G | 59.96    | 68.20    | -8.24  | 2.70   | 3    | Horizontal | 175     | 1.94   | -       | 57.26  | 31.80 | 5.80 | 34.90 |
| PK   | 5.7486G | 120.05   | Inf      | -Inf   | 2.96   | 3    | Horizontal | 175     | 1.94   | -       | 117.09 | 32.09 | 5.80 | 34.93 |
| PK   | 5.9466G | 57.48    | 68.20    | -10.72 | 3.47   | 3    | Horizontal | 175     | 1.94   | -       | 54.01  | 32.59 | 5.87 | 34.99 |

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

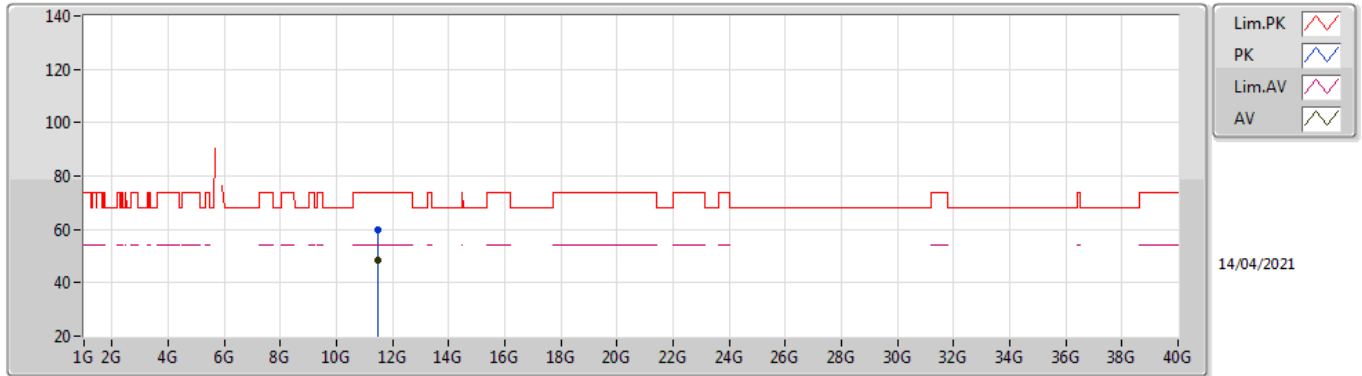
## 5745MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.48988G | 46.29    | 54.00    | -7.71  | 13.66  | 3    | Vertical  | 1       | 2.21   | -       | 32.63  | 40.09 | 8.32 | 34.75 |
| PK   | 11.49028G | 55.88    | 74.00    | -18.12 | 13.66  | 3    | Vertical  | 1       | 2.21   | -       | 42.22  | 40.09 | 8.32 | 34.75 |

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

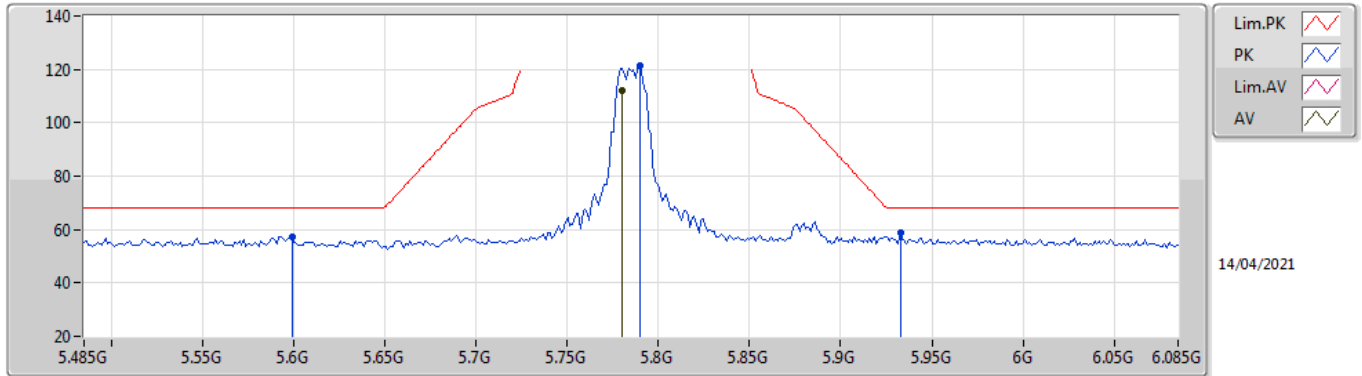
### 5745MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.49G   | 48.21    | 54.00    | -5.79  | 13.66  | 3    | Horizontal | 5       | 1.40   | -       | 34.55  | 40.09 | 8.32 | 34.75 |
| PK   | 11.4906G | 59.88    | 74.00    | -14.12 | 13.67  | 3    | Horizontal | 5       | 1.40   | -       | 46.21  | 40.09 | 8.32 | 34.74 |

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

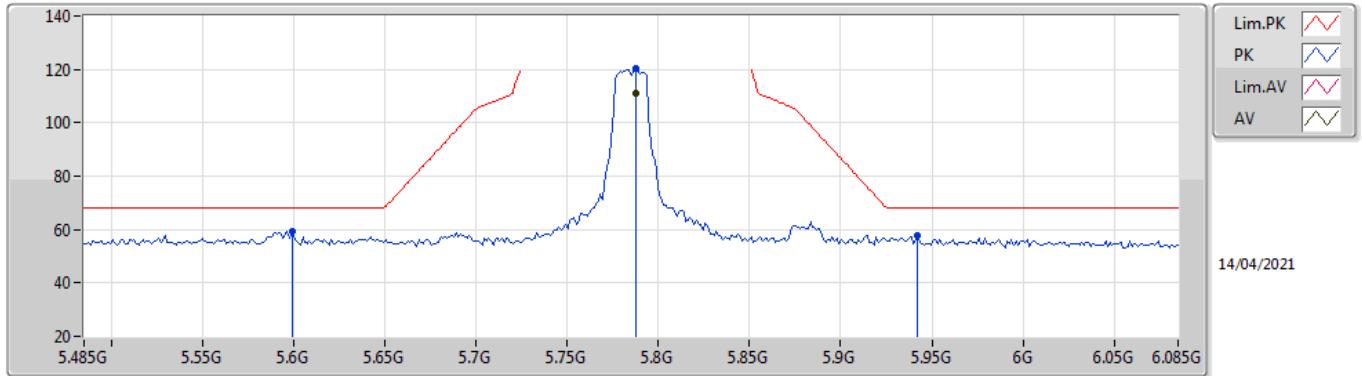
## 5785MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7802G      | 112.24            | Inf               | -Inf           | 3.02           | 3           | Vertical  | 195            | 1.73          | -       | 109.22        | 32.16      | 5.80       | 34.94      |
| PK   | 5.599G       | 57.39             | 68.20             | -10.81         | 2.71           | 3           | Vertical  | 195            | 1.73          | -       | 54.68         | 31.80      | 5.80       | 34.89      |
| PK   | 5.7898G      | 121.43            | Inf               | -Inf           | 3.03           | 3           | Vertical  | 195            | 1.73          | -       | 118.40        | 32.18      | 5.80       | 34.95      |
| PK   | 5.9326G      | 58.54             | 68.20             | -9.66          | 3.45           | 3           | Vertical  | 195            | 1.73          | -       | 55.09         | 32.57      | 5.87       | 34.99      |

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

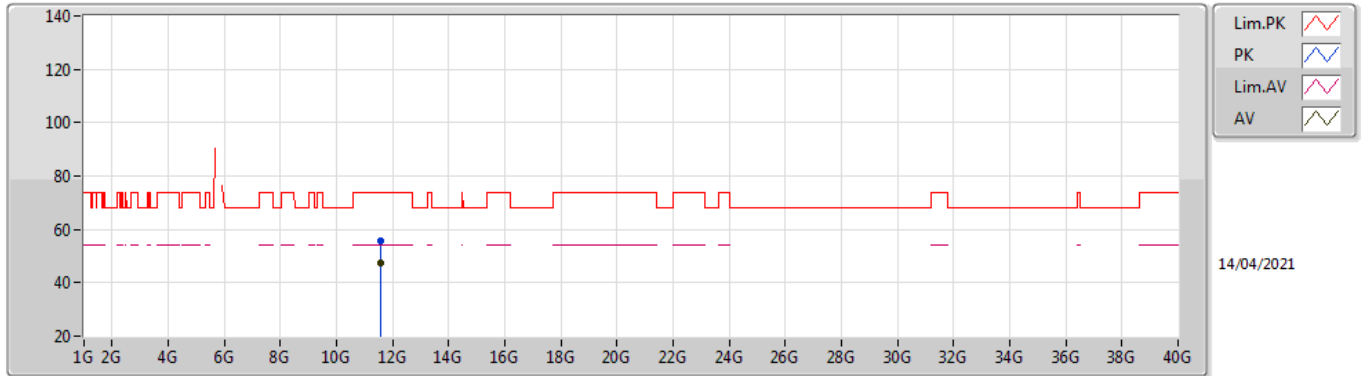
## 5785MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7874G | 110.83   | Inf      | -Inf   | 3.02   | 3    | Horizontal | 172     | 1.57   | -       | 107.81 | 32.17 | 5.80 | 34.95 |
| PK   | 5.599G  | 59.37    | 68.20    | -8.83  | 2.71   | 3    | Horizontal | 172     | 1.57   | -       | 56.66  | 31.80 | 5.80 | 34.89 |
| PK   | 5.7874G | 120.42   | Inf      | -Inf   | 3.02   | 3    | Horizontal | 172     | 1.57   | -       | 117.40 | 32.17 | 5.80 | 34.95 |
| PK   | 5.9422G | 57.81    | 68.20    | -10.39 | 3.46   | 3    | Horizontal | 172     | 1.57   | -       | 54.35  | 32.58 | 5.87 | 34.99 |

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

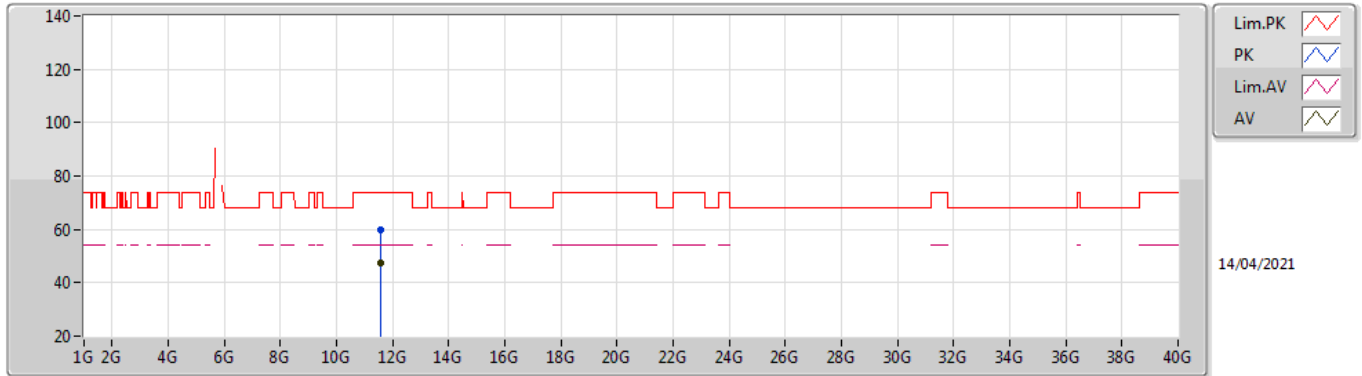
## 5785MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.56986G | 47.56    | 54.00    | -6.44  | 13.48  | 3    | Vertical  | 352     | 2.41   | -       | 34.08  | 39.89 | 8.35 | 34.76 |
| PK   | 11.56974G | 55.66    | 74.00    | -18.34 | 13.48  | 3    | Vertical  | 352     | 2.41   | -       | 42.18  | 39.89 | 8.35 | 34.76 |

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

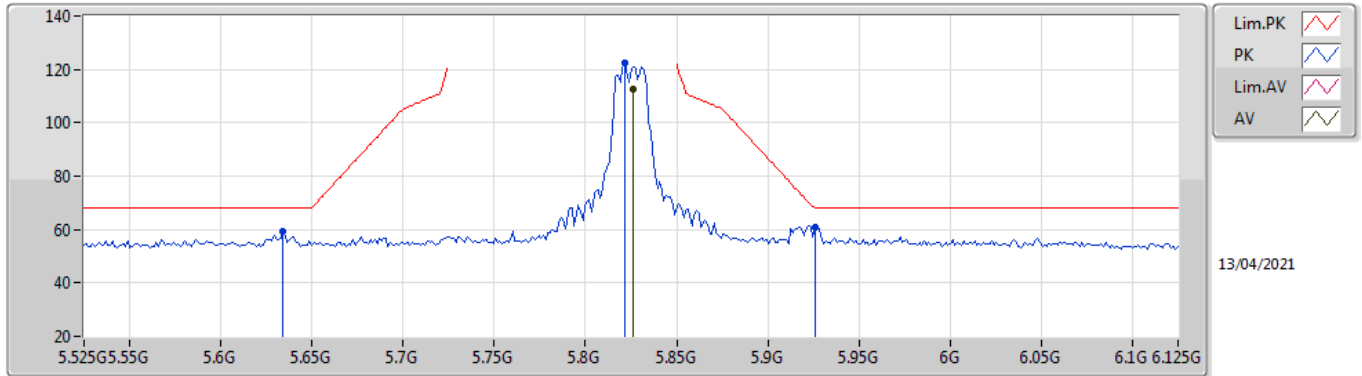
## 5785MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.56984G | 47.45    | 54.00    | -6.55  | 13.48  | 3    | Horizontal | 1       | 1.50   | -       | 33.97  | 39.89 | 8.35 | 34.76 |
| PK   | 11.5701G  | 59.57    | 74.00    | -14.43 | 13.48  | 3    | Horizontal | 1       | 1.50   | -       | 46.09  | 39.89 | 8.35 | 34.76 |

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

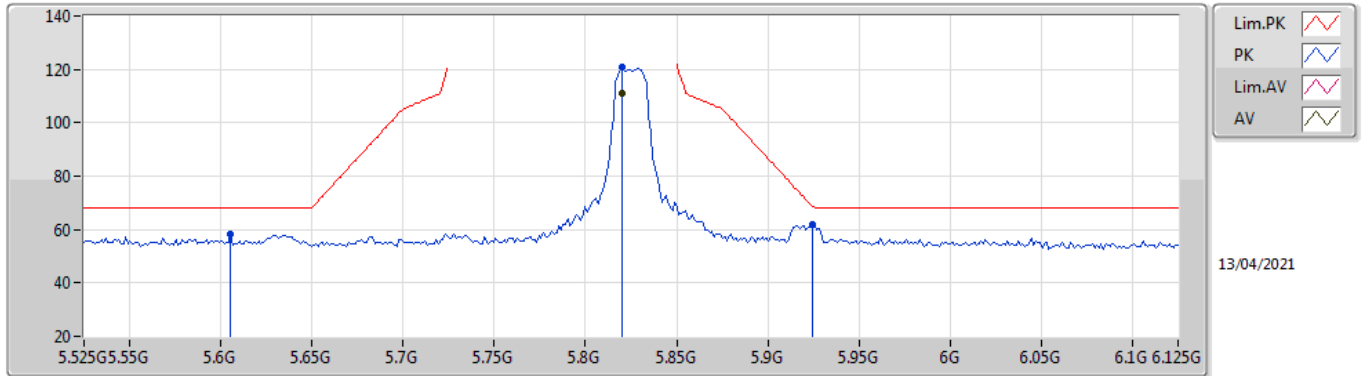
## 5825MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.8262G | 112.51   | Inf      | -Inf   | 3.15   | 3    | Vertical  | 173     | 2.03   | -       | 109.36 | 32.30 | 5.81 | 34.96 |
| PK   | 5.6342G | 59.52    | 68.20    | -8.68  | 2.70   | 3    | Vertical  | 173     | 2.03   | -       | 56.82  | 31.80 | 5.80 | 34.90 |
| PK   | 5.8214G | 122.17   | Inf      | -Inf   | 3.14   | 3    | Vertical  | 173     | 2.03   | -       | 119.03 | 32.29 | 5.81 | 34.96 |
| PK   | 5.9258G | 60.75    | 68.20    | -7.45  | 3.42   | 3    | Vertical  | 173     | 2.03   | -       | 57.33  | 32.55 | 5.86 | 34.99 |

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

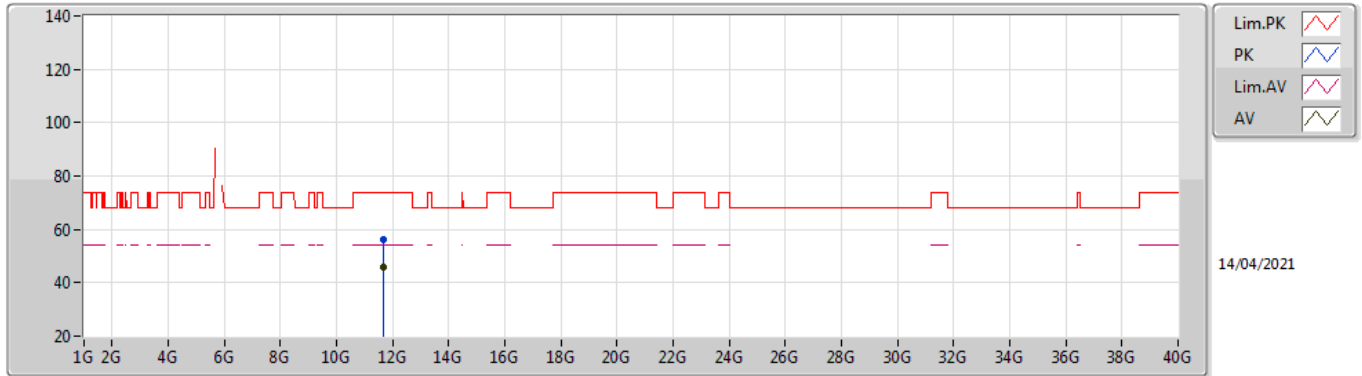
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.8202G      | 111.06            | Inf               | -Inf           | 3.13           | 3           | Horizontal | 176            | 1.67          | -       | 107.93        | 32.28      | 5.81       | 34.96      |
| PK   | 5.6054G      | 58.07             | 68.20             | -10.13         | 2.71           | 3           | Horizontal | 176            | 1.67          | -       | 55.36         | 31.80      | 5.80       | 34.89      |
| PK   | 5.8202G      | 120.88            | Inf               | -Inf           | 3.13           | 3           | Horizontal | 176            | 1.67          | -       | 117.75        | 32.28      | 5.81       | 34.96      |
| PK   | 5.9246G      | 61.75             | 68.50             | -6.75          | 3.42           | 3           | Horizontal | 176            | 1.67          | -       | 58.33         | 32.55      | 5.86       | 34.99      |

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

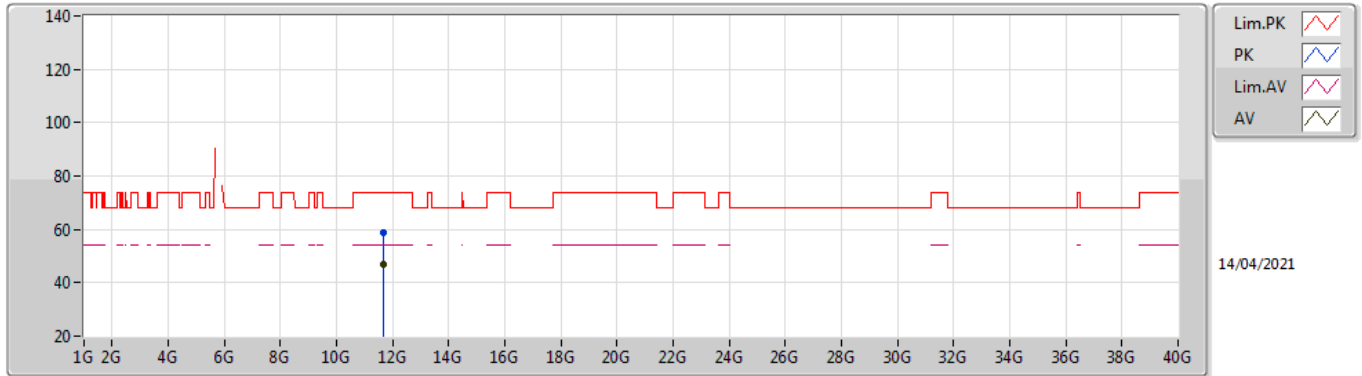
## 5825MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.6499G  | 45.68    | 54.00    | -8.32  | 13.15  | 3    | Vertical  | 1       | 1.92   | -       | 32.53  | 39.55 | 8.38 | 34.78 |
| PK   | 11.65002G | 56.43    | 74.00    | -17.57 | 13.15  | 3    | Vertical  | 1       | 1.92   | -       | 43.28  | 39.55 | 8.38 | 34.78 |

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

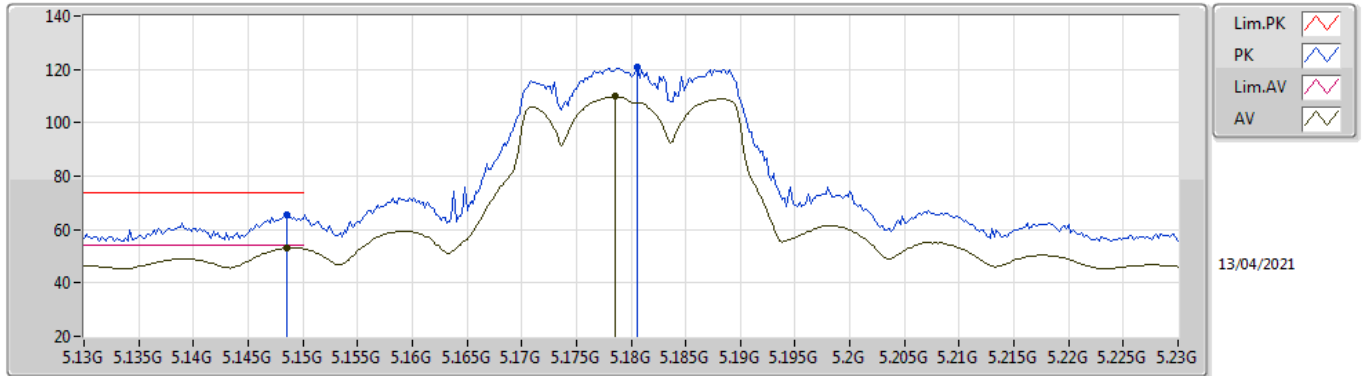
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.65006G    | 47.05             | 54.00             | -6.95          | 13.15          | 3           | Horizontal | 323            | 1.50          | -       | 33.90         | 39.55      | 8.38       | 34.78      |
| PK   | 11.64878G    | 58.99             | 74.00             | -15.01         | 13.16          | 3           | Horizontal | 323            | 1.50          | -       | 45.83         | 39.56      | 8.38       | 34.78      |

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

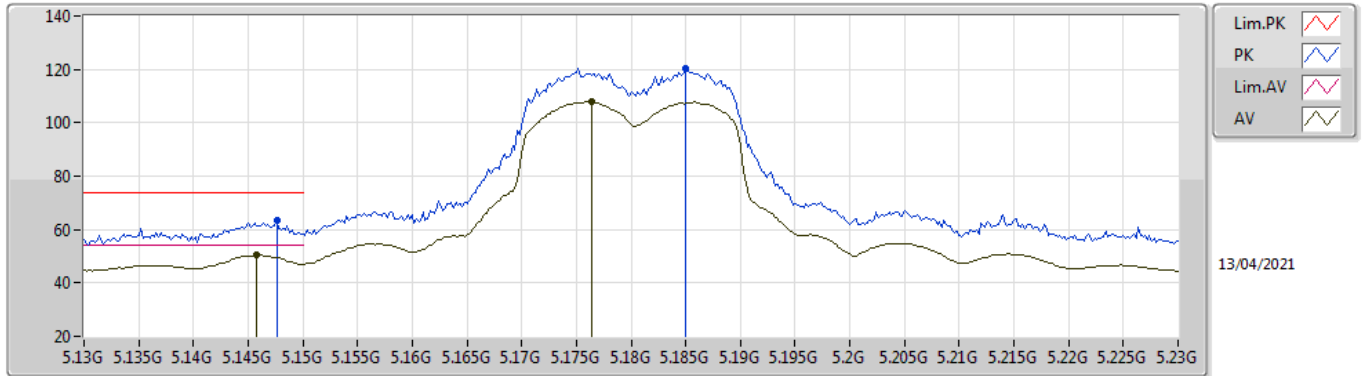
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1486G      | 53.16             | 54.00             | -0.84          | 2.55           | 3           | Vertical  | 211            | 1.84          | -       | 50.61         | 32.00      | 5.47       | 34.92      |
| AV   | 5.1786G      | 109.81            | Inf               | -Inf           | 2.41           | 3           | Vertical  | 211            | 1.84          | -       | 107.40        | 31.83      | 5.49       | 34.91      |
| PK   | 5.1486G      | 65.33             | 74.00             | -8.67          | 2.55           | 3           | Vertical  | 211            | 1.84          | -       | 62.78         | 32.00      | 5.47       | 34.92      |
| PK   | 5.1806G      | 121.03            | Inf               | -Inf           | 2.40           | 3           | Vertical  | 211            | 1.84          | -       | 118.63        | 31.82      | 5.49       | 34.91      |

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

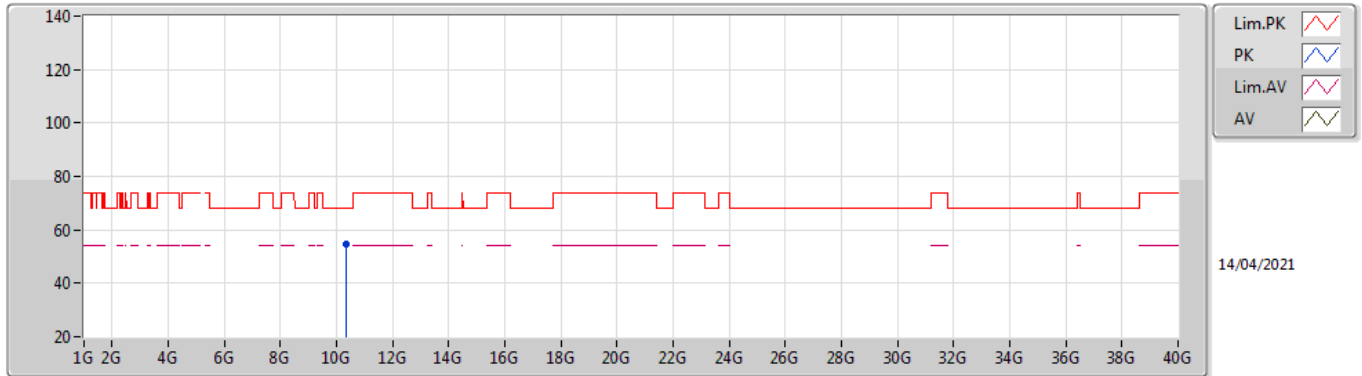
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1458G      | 50.39             | 54.00             | -3.61          | 2.55           | 3           | Horizontal | 335            | 1.59          | -       | 47.84         | 32.00      | 5.47       | 34.92      |
| AV   | 5.1764G      | 107.81            | Inf               | -Inf           | 2.42           | 3           | Horizontal | 335            | 1.59          | -       | 105.39        | 31.84      | 5.49       | 34.91      |
| PK   | 5.1476G      | 63.20             | 74.00             | -10.80         | 2.55           | 3           | Horizontal | 335            | 1.59          | -       | 60.65         | 32.00      | 5.47       | 34.92      |
| PK   | 5.185G       | 120.40            | Inf               | -Inf           | 2.37           | 3           | Horizontal | 335            | 1.59          | -       | 118.03        | 31.79      | 5.49       | 34.91      |

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

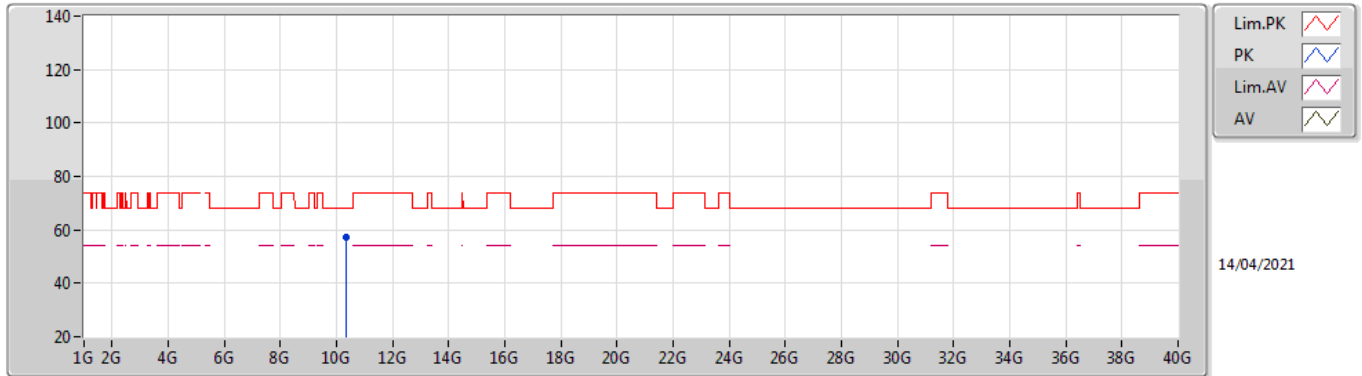
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.36023G    | 54.70             | 68.20             | -13.50         | 12.17          | 3           | Vertical  | 348            | 1.42          | -       | 42.53         | 39.48      | 7.93       | 35.24      |

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

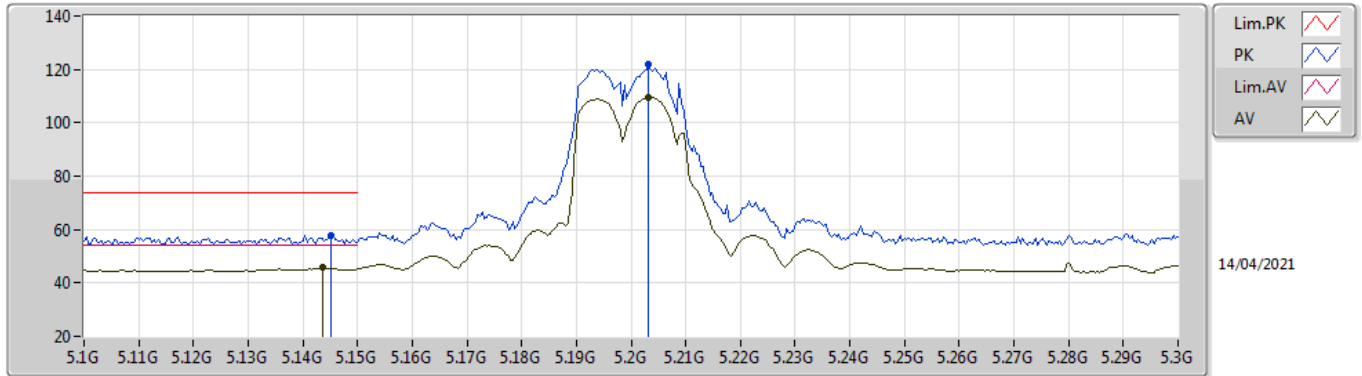
### 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.36035G    | 57.09             | 68.20             | -11.11         | 12.17          | 3           | Horizontal | 352            | 1.04          | -       | 44.92         | 39.48      | 7.93       | 35.24      |

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

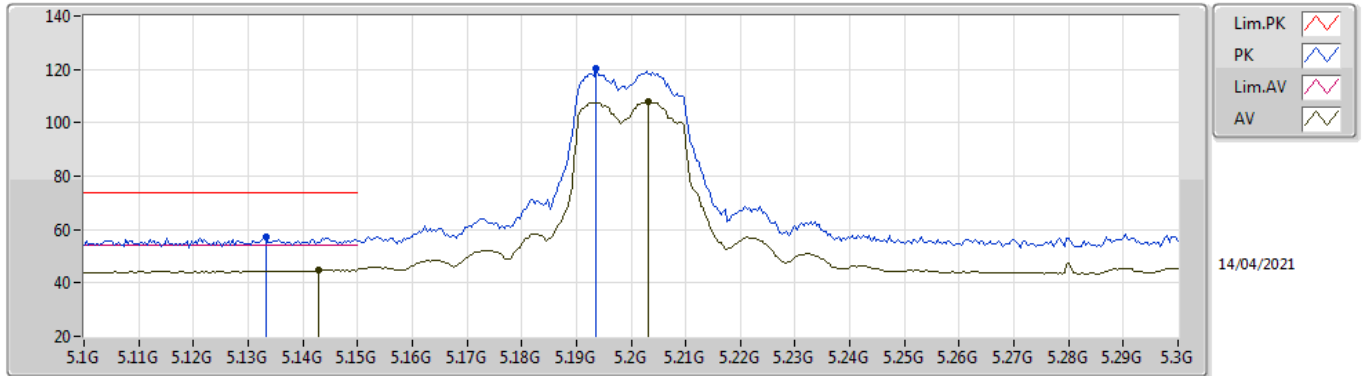
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1436G | 45.62    | 54.00    | -8.38  | 2.55   | 3    | Vertical  | 212     | 1.64   | -       | 43.07  | 32.00 | 5.47 | 34.92 |
| AV   | 5.2032G | 109.47   | Inf      | -Inf   | 2.27   | 3    | Vertical  | 212     | 1.64   | -       | 107.20 | 31.68 | 5.50 | 34.91 |
| PK   | 5.1452G | 57.63    | 74.00    | -16.37 | 2.55   | 3    | Vertical  | 212     | 1.64   | -       | 55.08  | 32.00 | 5.47 | 34.92 |
| PK   | 5.2032G | 121.74   | Inf      | -Inf   | 2.27   | 3    | Vertical  | 212     | 1.64   | -       | 119.47 | 31.68 | 5.50 | 34.91 |

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

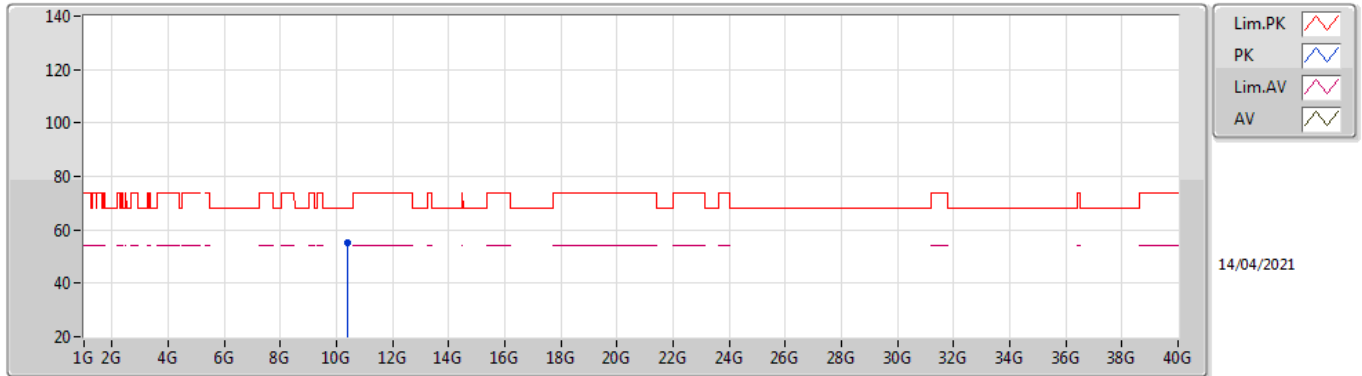
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1428G | 44.96    | 54.00    | -9.04  | 2.55   | 3    | Horizontal | 63      | 1.65   | -       | 42.41  | 32.00 | 5.47 | 34.92 |
| AV   | 5.2032G | 108.07   | Inf      | -Inf   | 2.27   | 3    | Horizontal | 63      | 1.65   | -       | 105.80 | 31.68 | 5.50 | 34.91 |
| PK   | 5.1332G | 57.05    | 74.00    | -16.95 | 2.55   | 3    | Horizontal | 63      | 1.65   | -       | 54.50  | 32.00 | 5.47 | 34.92 |
| PK   | 5.1936G | 120.45   | Inf      | -Inf   | 2.33   | 3    | Horizontal | 63      | 1.65   | -       | 118.12 | 31.74 | 5.50 | 34.91 |

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

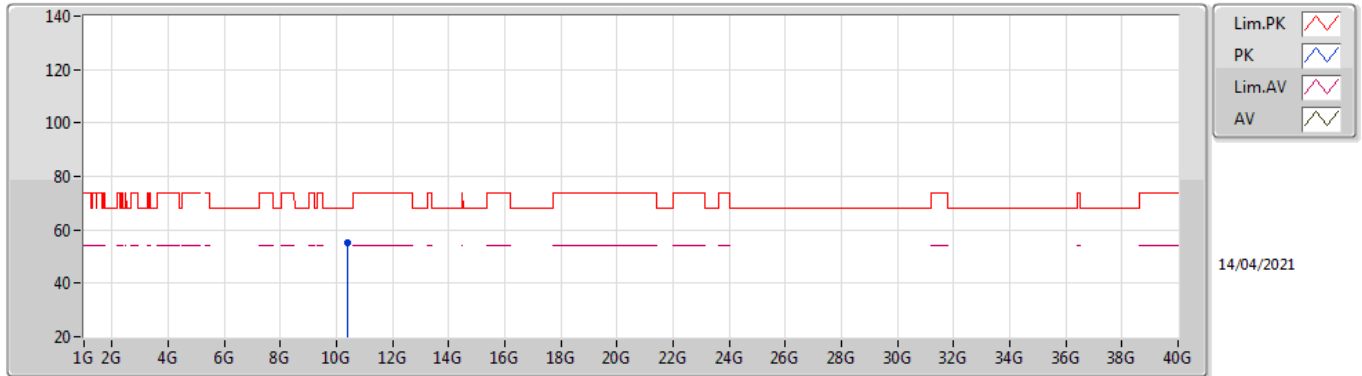
## 5200MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.40009G    | 55.21             | 68.20             | -12.99         | 12.35          | 3           | Vertical  | 348            | 1.44          | -       | 42.86         | 39.60      | 7.94       | 35.19      |

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

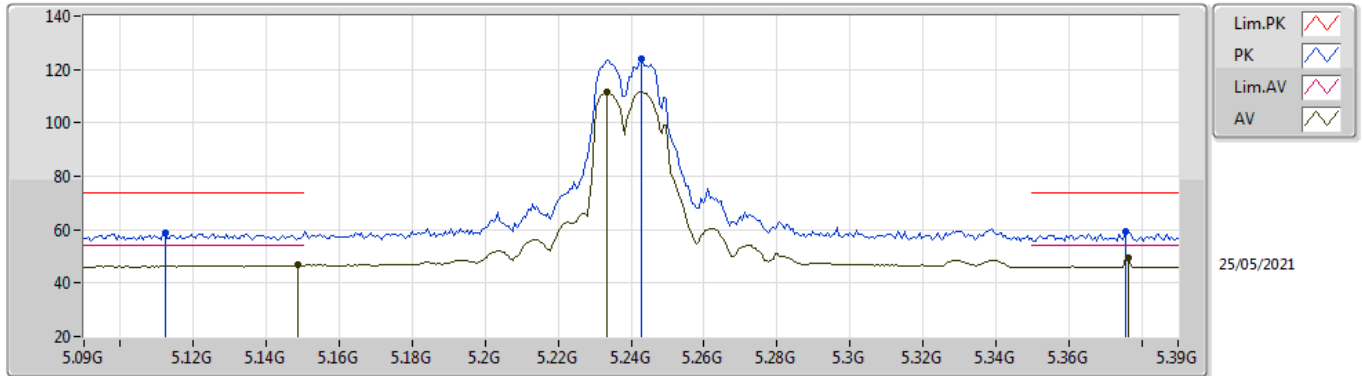
## 5200MHz\_TX



| Type | Freq  | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)  | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.4G | 55.12    | 68.20    | -13.08 | 12.35  | 3    | Horizontal | 354     | 1.08   | -       | 42.77  | 39.60 | 7.94 | 35.19 |

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

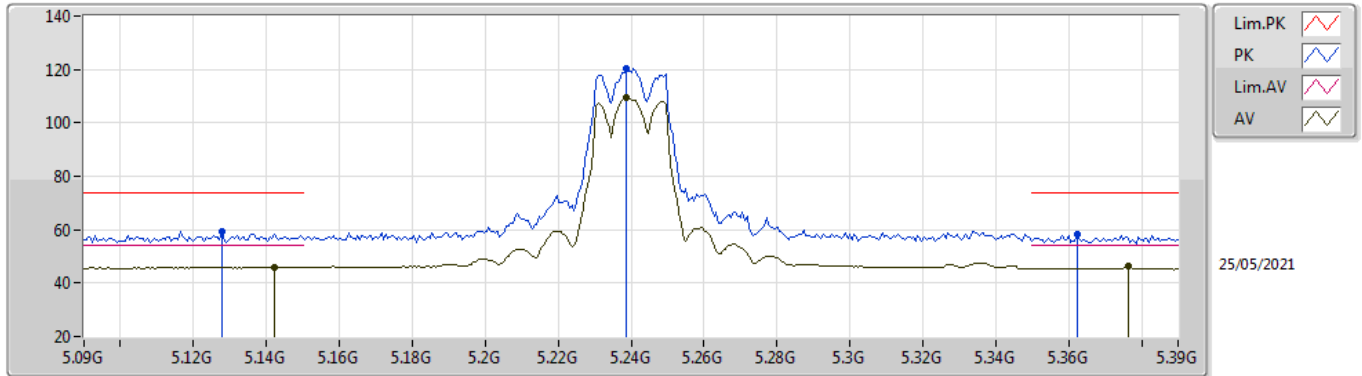
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1488G      | 46.66             | 54.00             | -7.34          | 5.15           | 3           | Vertical  | 210            | 1.91          | -       | 41.51         | 34.60      | 5.47       | 34.92      |
| AV   | 5.2334G      | 111.45            | Inf               | -Inf           | 5.26           | 3           | Vertical  | 210            | 1.91          | -       | 106.19        | 34.63      | 5.53       | 34.90      |
| AV   | 5.3762G      | 49.71             | 54.00             | -4.29          | 5.40           | 3           | Vertical  | 210            | 1.91          | -       | 44.31         | 34.60      | 5.68       | 34.88      |
| PK   | 5.1122G      | 58.70             | 74.00             | -15.30         | 4.99           | 3           | Vertical  | 210            | 1.91          | -       | 53.71         | 34.45      | 5.46       | 34.92      |
| PK   | 5.243G       | 123.95            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 210            | 1.91          | -       | 118.70        | 34.61      | 5.54       | 34.90      |
| PK   | 5.3756G      | 59.23             | 74.00             | -14.77         | 5.40           | 3           | Vertical  | 210            | 1.91          | -       | 53.83         | 34.60      | 5.68       | 34.88      |

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

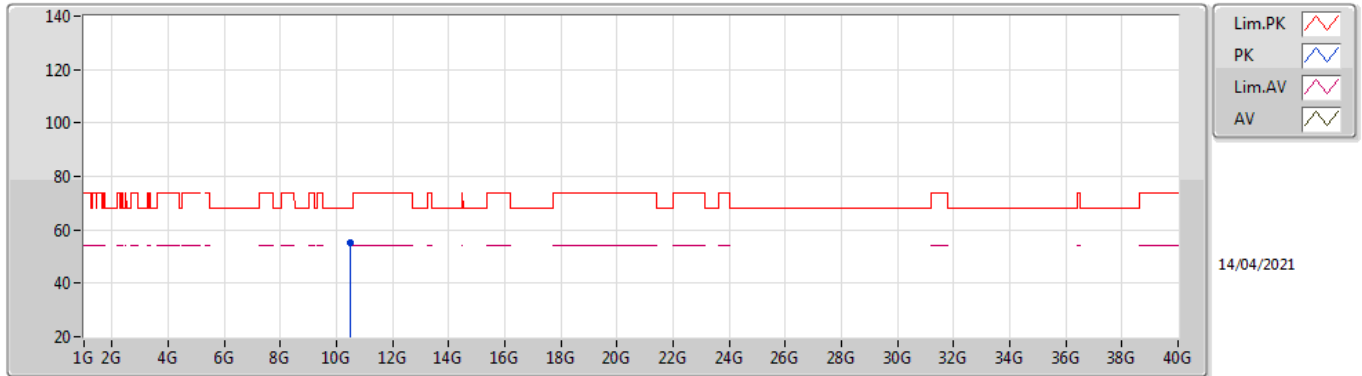
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1422G      | 45.95             | 54.00             | -8.05          | 5.12           | 3           | Horizontal | 31             | 1.68          | -       | 40.83         | 34.57      | 5.47       | 34.92      |
| AV   | 5.2388G      | 109.52            | Inf               | -Inf           | 5.26           | 3           | Horizontal | 31             | 1.68          | -       | 104.26        | 34.62      | 5.54       | 34.90      |
| AV   | 5.3762G      | 46.45             | 54.00             | -7.55          | 5.40           | 3           | Horizontal | 31             | 1.68          | -       | 41.05         | 34.60      | 5.68       | 34.88      |
| PK   | 5.1278G      | 59.20             | 74.00             | -14.80         | 5.05           | 3           | Horizontal | 31             | 1.68          | -       | 54.15         | 34.51      | 5.46       | 34.92      |
| PK   | 5.2388G      | 120.57            | Inf               | -Inf           | 5.26           | 3           | Horizontal | 31             | 1.68          | -       | 115.31        | 34.62      | 5.54       | 34.90      |
| PK   | 5.3624G      | 58.24             | 74.00             | -15.76         | 5.38           | 3           | Horizontal | 31             | 1.68          | -       | 52.86         | 34.60      | 5.66       | 34.88      |

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

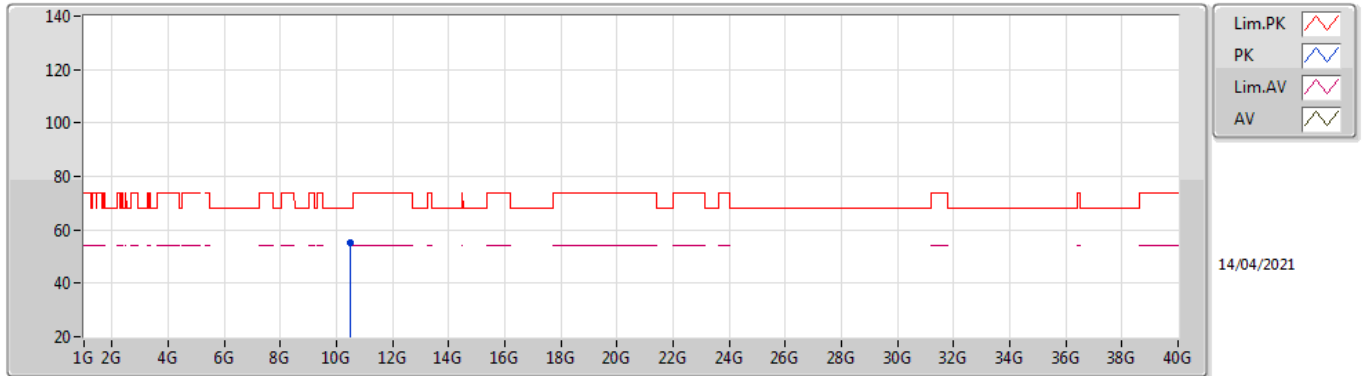
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.48G       | 55.27             | 68.20             | -12.93         | 12.72          | 3           | Vertical  | 353            | 1.50          | -       | 42.55         | 39.84      | 7.97       | 35.09      |

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

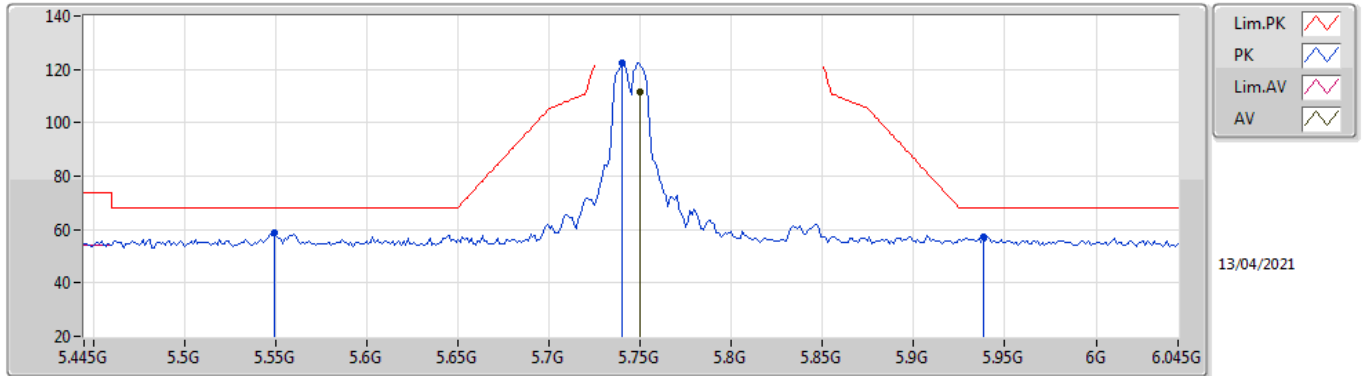
## 5240MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.47986G | 55.21    | 68.20    | -12.99 | 12.72  | 3    | Horizontal | 63      | 1.62   | -       | 42.49  | 39.84 | 7.97 | 35.09 |

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

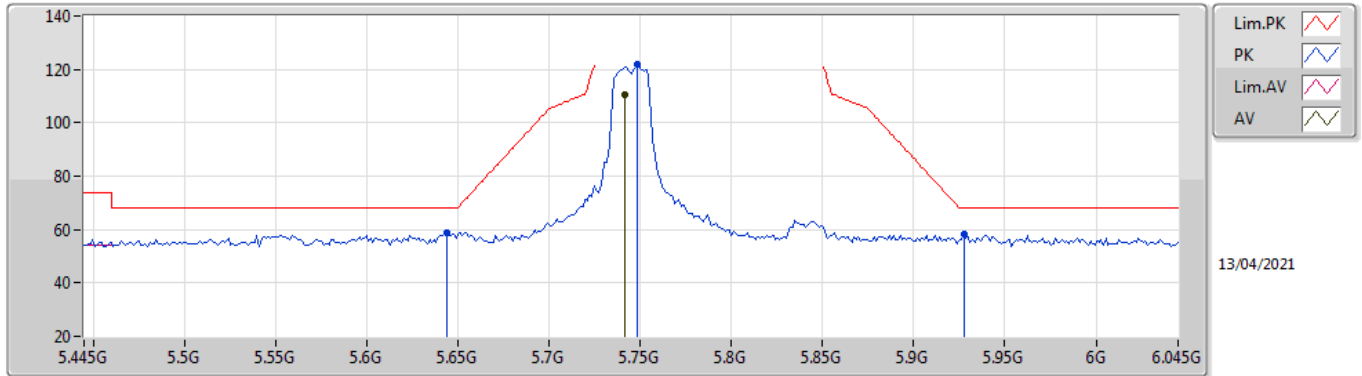
## 5745MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7498G      | 111.38            | Inf               | -Inf           | 2.97           | 3           | Vertical  | 196            | 1.74          | -       | 108.41        | 32.10      | 5.80       | 34.93      |
| PK   | 5.5494G      | 58.56             | 68.20             | -9.64          | 2.80           | 3           | Vertical  | 196            | 1.74          | -       | 55.76         | 31.90      | 5.77       | 34.87      |
| PK   | 5.7402G      | 122.64            | Inf               | -Inf           | 2.93           | 3           | Vertical  | 196            | 1.74          | -       | 119.71        | 32.06      | 5.80       | 34.93      |
| PK   | 5.9382G      | 57.08             | 68.20             | -11.12         | 3.46           | 3           | Vertical  | 196            | 1.74          | -       | 53.62         | 32.58      | 5.87       | 34.99      |

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

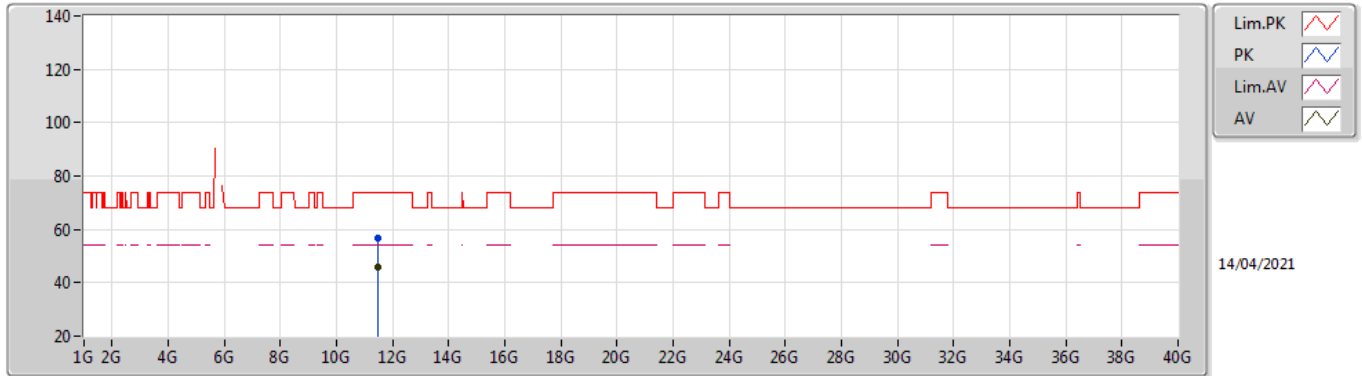
## 5745MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7414G      | 110.55            | Inf               | -Inf           | 2.94           | 3           | Horizontal | 175            | 2.07          | -       | 107.61        | 32.07      | 5.80       | 34.93      |
| PK   | 5.6442G      | 58.67             | 68.20             | -9.53          | 2.70           | 3           | Horizontal | 175            | 2.07          | -       | 55.97         | 31.80      | 5.80       | 34.90      |
| PK   | 5.7486G      | 121.76            | Inf               | -Inf           | 2.96           | 3           | Horizontal | 175            | 2.07          | -       | 118.80        | 32.09      | 5.80       | 34.93      |
| PK   | 5.9274G      | 58.08             | 68.20             | -10.12         | 3.42           | 3           | Horizontal | 175            | 2.07          | -       | 54.66         | 32.55      | 5.86       | 34.99      |

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

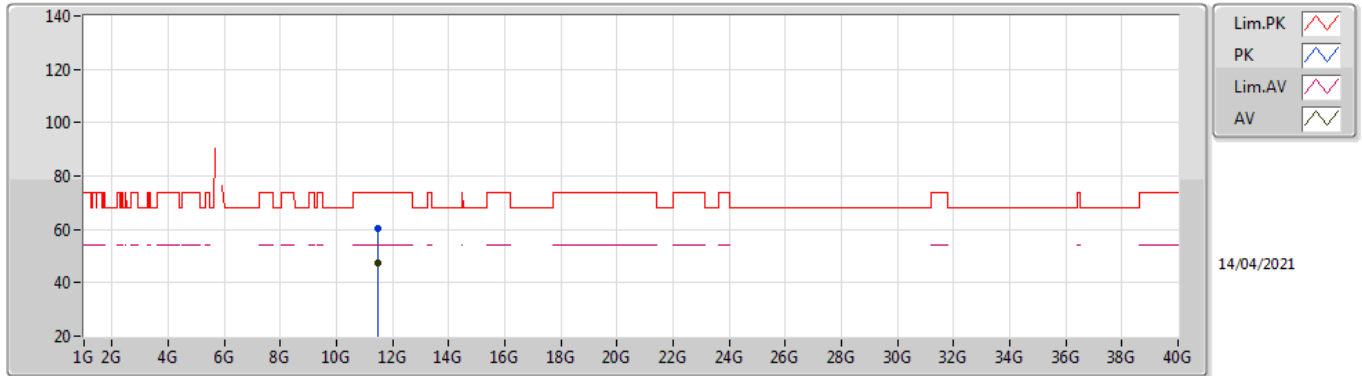
## 5745MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.48996G    | 45.62             | 54.00             | -8.38          | 13.66          | 3           | Vertical  | 356            | 2.24          | -       | 31.96         | 40.09      | 8.32       | 34.75      |
| PK   | 11.48958G    | 56.67             | 74.00             | -17.33         | 13.66          | 3           | Vertical  | 356            | 2.24          | -       | 43.01         | 40.09      | 8.32       | 34.75      |

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

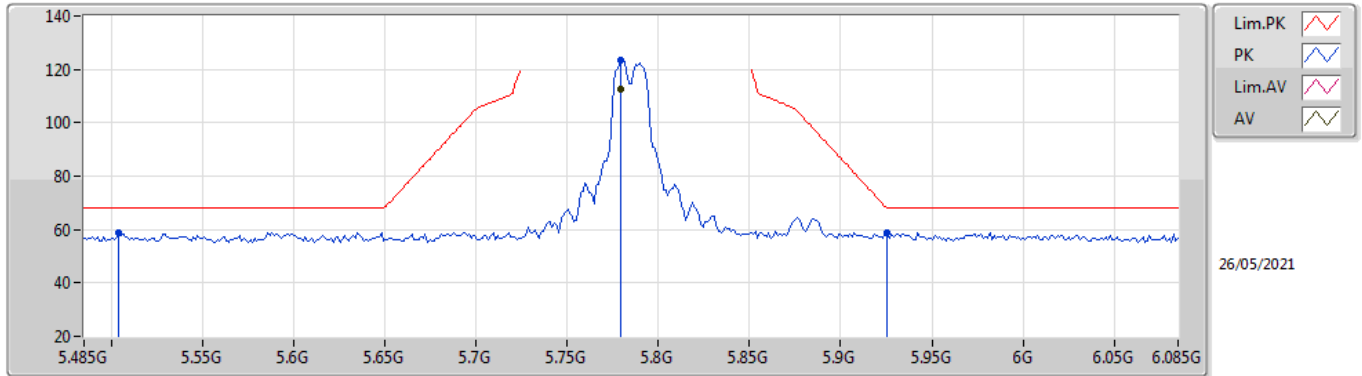
## 5745MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.49002G | 47.51    | 54.00    | -6.49  | 13.66  | 3    | Horizontal | 3       | 1.42   | -       | 33.85  | 40.09 | 8.32 | 34.75 |
| PK   | 11.48983G | 60.60    | 74.00    | -13.40 | 13.66  | 3    | Horizontal | 3       | 1.42   | -       | 46.94  | 40.09 | 8.32 | 34.75 |

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

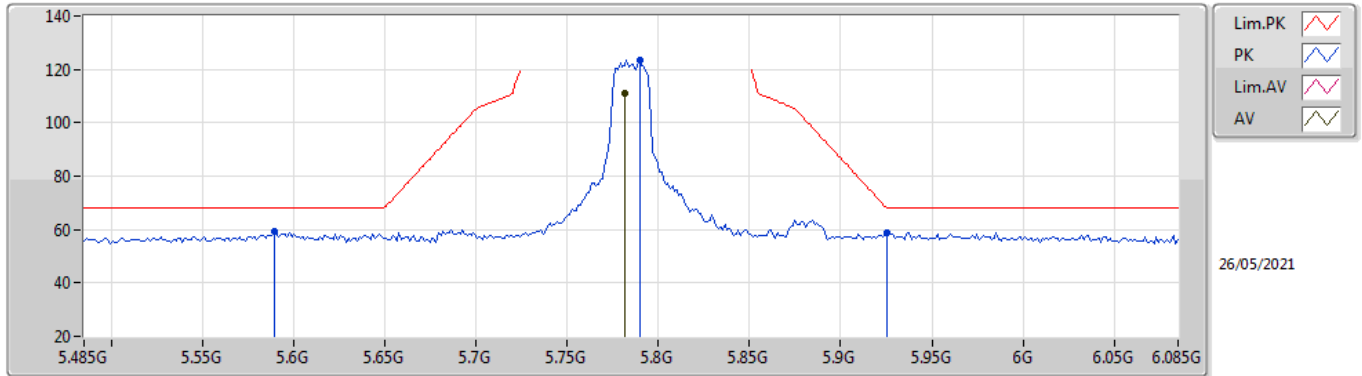
## 5785MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.779G  | 112.44   | Inf      | -Inf   | 4.92   | 3    | Vertical  | 195     | 1.83   | -       | 107.52 | 34.06 | 5.80 | 34.94 |
| PK   | 5.5042G | 58.93    | 68.20    | -9.27  | 5.10   | 3    | Vertical  | 195     | 1.83   | -       | 53.83  | 34.21 | 5.75 | 34.86 |
| PK   | 5.779G  | 123.43   | Inf      | -Inf   | 4.92   | 3    | Vertical  | 195     | 1.83   | -       | 118.51 | 34.06 | 5.80 | 34.94 |
| PK   | 5.9254G | 58.86    | 68.20    | -9.34  | 5.27   | 3    | Vertical  | 195     | 1.83   | -       | 53.59  | 34.40 | 5.86 | 34.99 |

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

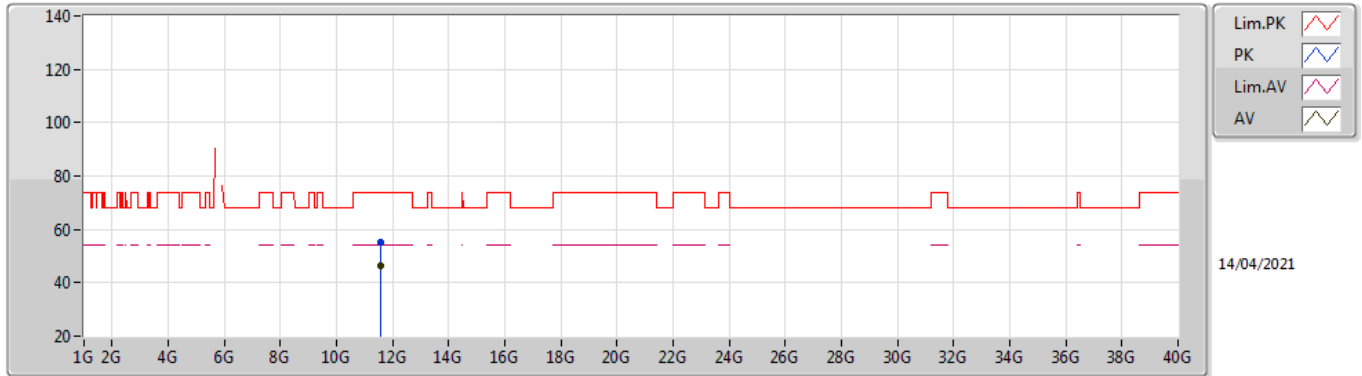
## 5785MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7814G      | 111.07            | Inf               | -Inf           | 4.92           | 3           | Horizontal | 173            | 2.09          | -       | 106.15        | 34.06      | 5.80       | 34.94      |
| PK   | 5.5894G      | 59.35             | 68.20             | -8.85          | 5.04           | 3           | Horizontal | 173            | 2.09          | -       | 54.31         | 34.14      | 5.79       | 34.89      |
| PK   | 5.7898G      | 123.42            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 173            | 2.09          | -       | 118.49        | 34.08      | 5.80       | 34.95      |
| PK   | 5.9254G      | 58.90             | 68.20             | -9.30          | 5.27           | 3           | Horizontal | 173            | 2.09          | -       | 53.63         | 34.40      | 5.86       | 34.99      |

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

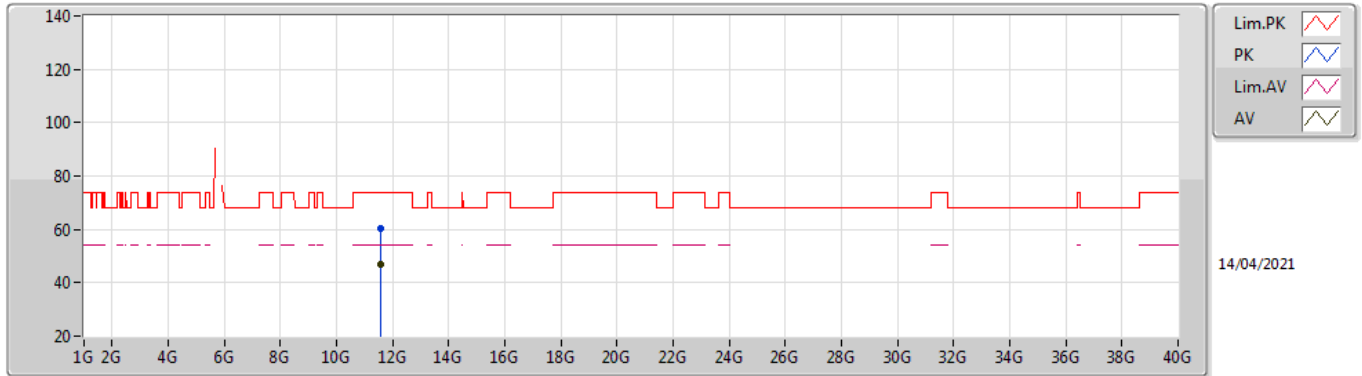
## 5785MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.56992G | 46.40    | 54.00    | -7.60  | 13.48  | 3    | Vertical  | 347     | 2.29   | -       | 32.92  | 39.89 | 8.35 | 34.76 |
| PK   | 11.56988G | 55.34    | 74.00    | -18.66 | 13.48  | 3    | Vertical  | 347     | 2.29   | -       | 41.86  | 39.89 | 8.35 | 34.76 |

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

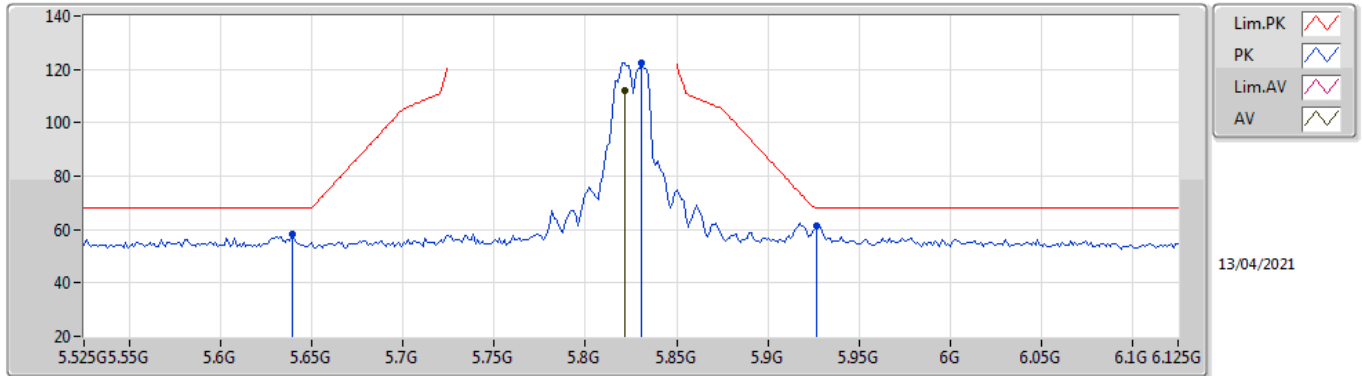
## 5785MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.56976G | 46.95    | 54.00    | -7.05  | 13.48  | 3    | Horizontal | 360     | 1.50   | -       | 33.47  | 39.89 | 8.35 | 34.76 |
| PK   | 11.56996G | 60.31    | 74.00    | -13.69 | 13.48  | 3    | Horizontal | 360     | 1.50   | -       | 46.83  | 39.89 | 8.35 | 34.76 |

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

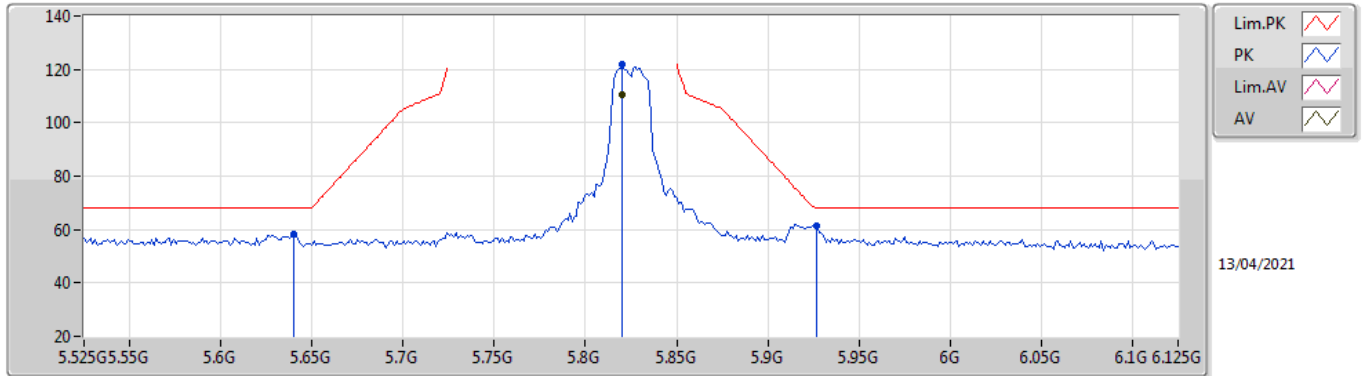
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.8214G      | 111.95            | Inf               | -Inf           | 3.14           | 3           | Vertical  | 176            | 1.96          | -       | 108.81        | 32.29      | 5.81       | 34.96      |
| PK   | 5.639G       | 58.21             | 68.20             | -9.99          | 2.70           | 3           | Vertical  | 176            | 1.96          | -       | 55.51         | 31.80      | 5.80       | 34.90      |
| PK   | 5.831G       | 122.35            | Inf               | -Inf           | 3.18           | 3           | Vertical  | 176            | 1.96          | -       | 119.17        | 32.32      | 5.82       | 34.96      |
| PK   | 5.927G       | 61.29             | 68.20             | -6.91          | 3.42           | 3           | Vertical  | 176            | 1.96          | -       | 57.87         | 32.55      | 5.86       | 34.99      |

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

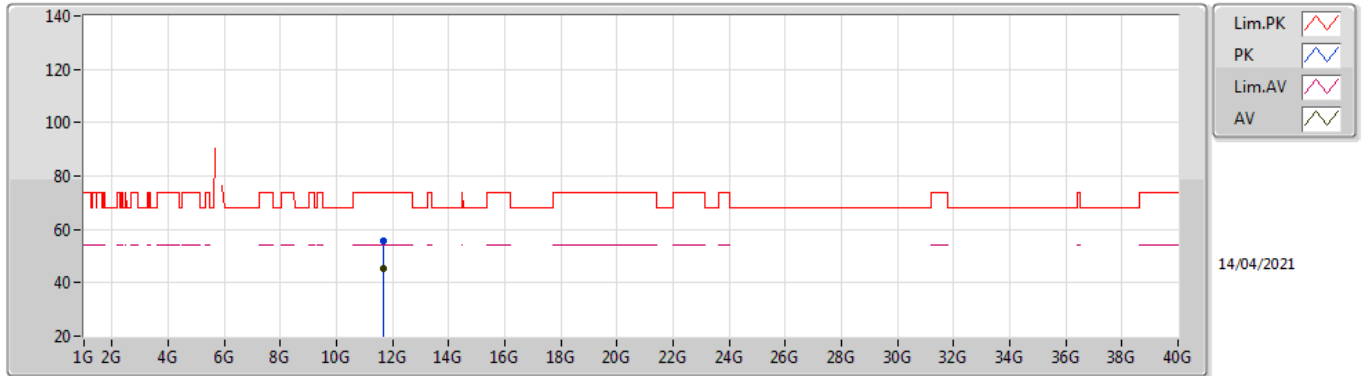
## 5825MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.8202G | 110.33   | Inf      | -Inf   | 3.13   | 3    | Horizontal | 178     | 1.67   | -       | 107.20 | 32.28 | 5.81 | 34.96 |
| PK   | 5.6402G | 58.18    | 68.20    | -10.02 | 2.70   | 3    | Horizontal | 178     | 1.67   | -       | 55.48  | 31.80 | 5.80 | 34.90 |
| PK   | 5.8202G | 122.08   | Inf      | -Inf   | 3.13   | 3    | Horizontal | 178     | 1.67   | -       | 118.95 | 32.28 | 5.81 | 34.96 |
| PK   | 5.927G  | 61.57    | 68.20    | -6.63  | 3.42   | 3    | Horizontal | 178     | 1.67   | -       | 58.15  | 32.55 | 5.86 | 34.99 |

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

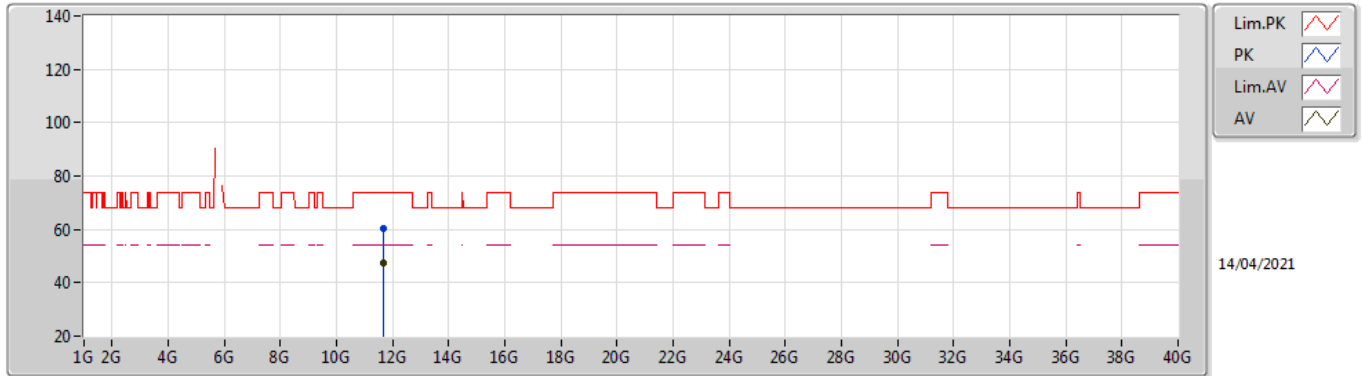
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.64997G    | 45.41             | 54.00             | -8.59          | 13.15          | 3           | Vertical  | 360            | 1.91          | -       | 32.26         | 39.55      | 8.38       | 34.78      |
| PK   | 11.64998G    | 55.79             | 74.00             | -18.21         | 13.15          | 3           | Vertical  | 360            | 1.91          | -       | 42.64         | 39.55      | 8.38       | 34.78      |

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

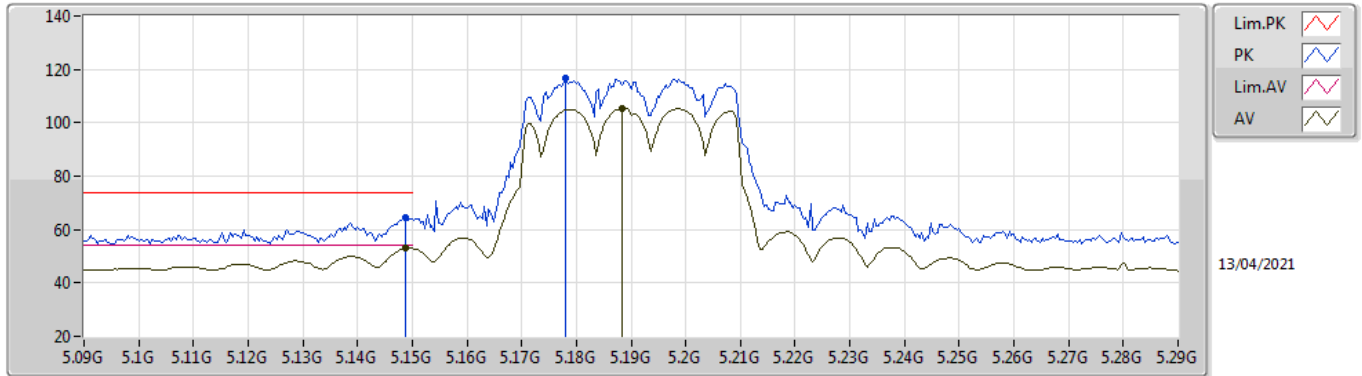
## 5825MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.64992G | 47.51    | 54.00    | -6.49  | 13.15  | 3    | Horizontal | 5       | 1.15   | -       | 34.36  | 39.55 | 8.38 | 34.78 |
| PK   | 11.6498G  | 60.36    | 74.00    | -13.64 | 13.15  | 3    | Horizontal | 5       | 1.15   | -       | 47.21  | 39.55 | 8.38 | 34.78 |

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

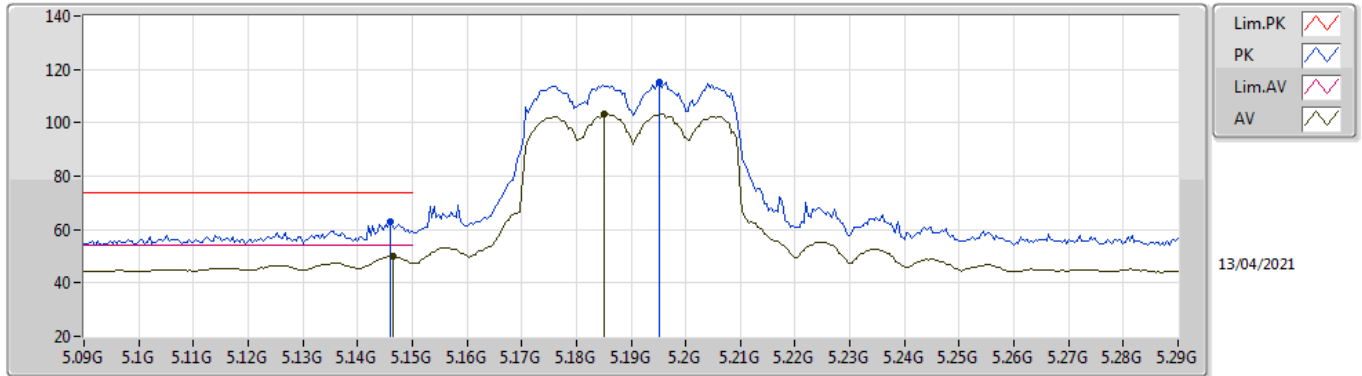
## 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1488G      | 53.06             | 54.00             | -0.94          | 2.55           | 3           | Vertical  | 211            | 1.87          | -       | 50.51         | 32.00      | 5.47       | 34.92      |
| AV   | 5.1884G      | 105.42            | Inf               | -Inf           | 2.35           | 3           | Vertical  | 211            | 1.87          | -       | 103.07        | 31.77      | 5.49       | 34.91      |
| PK   | 5.1488G      | 64.51             | 74.00             | -9.49          | 2.55           | 3           | Vertical  | 211            | 1.87          | -       | 61.96         | 32.00      | 5.47       | 34.92      |
| PK   | 5.178G       | 116.81            | Inf               | -Inf           | 2.41           | 3           | Vertical  | 211            | 1.87          | -       | 114.40        | 31.83      | 5.49       | 34.91      |

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

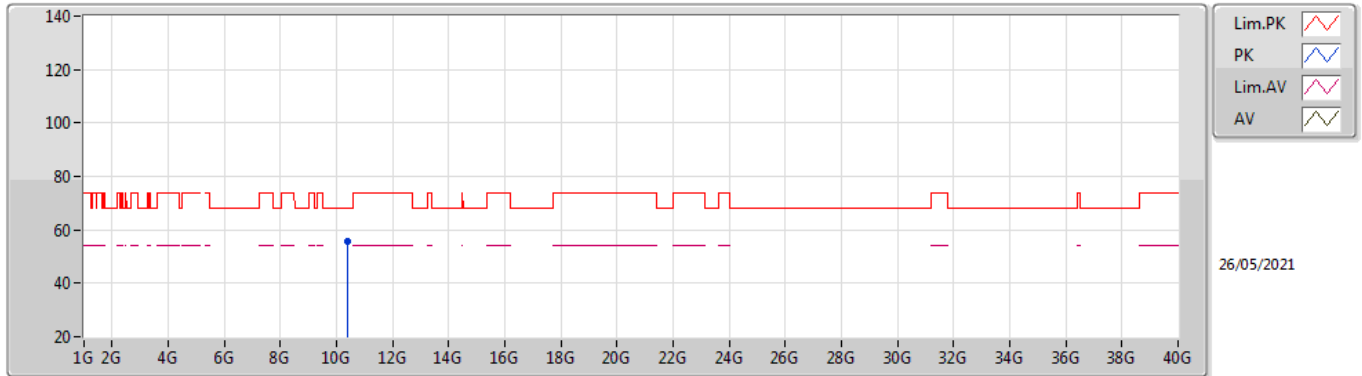
## 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1464G      | 50.07             | 54.00             | -3.93          | 2.55           | 3           | Horizontal | 334            | 1.50          | -       | 47.52         | 32.00      | 5.47       | 34.92      |
| AV   | 5.1852G      | 103.25            | Inf               | -Inf           | 2.37           | 3           | Horizontal | 334            | 1.50          | -       | 100.88        | 31.79      | 5.49       | 34.91      |
| PK   | 5.146G       | 63.09             | 74.00             | -10.91         | 2.55           | 3           | Horizontal | 334            | 1.50          | -       | 60.54         | 32.00      | 5.47       | 34.92      |
| PK   | 5.1952G      | 115.34            | Inf               | -Inf           | 2.32           | 3           | Horizontal | 334            | 1.50          | -       | 113.02        | 31.73      | 5.50       | 34.91      |

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

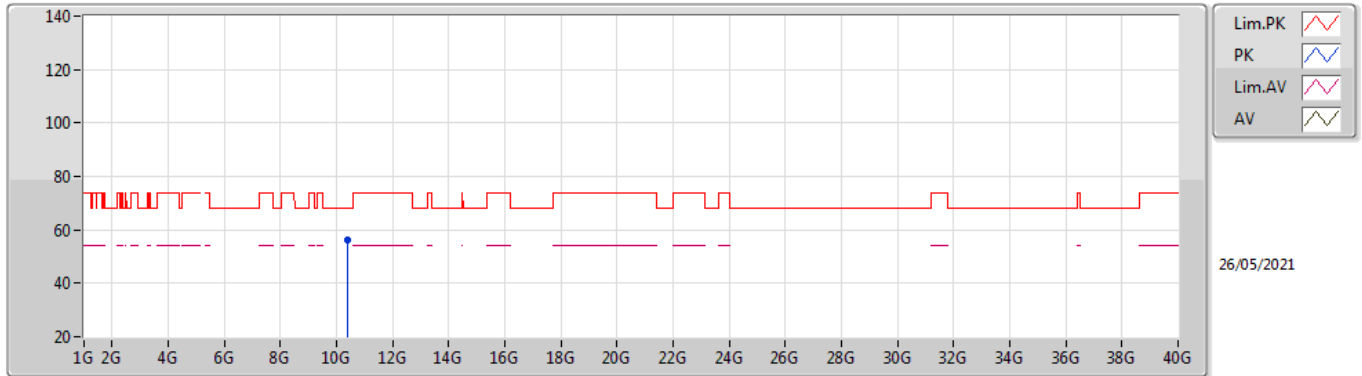
## 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.38014G    | 55.48             | 68.20             | -12.72         | 11.90          | 3           | Vertical  | 1              | 1.50          | -       | 43.58         | 39.18      | 7.93       | 35.21      |

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

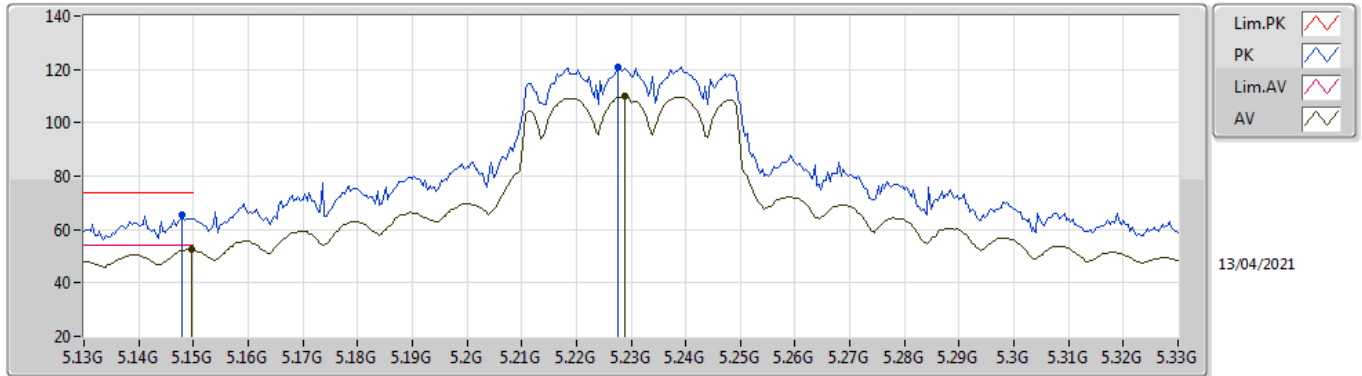
### 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.38007G    | 56.20             | 68.20             | -12.00         | 11.90          | 3           | Horizontal | 355            | 1.65          | -       | 44.30         | 39.18      | 7.93       | 35.21      |

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

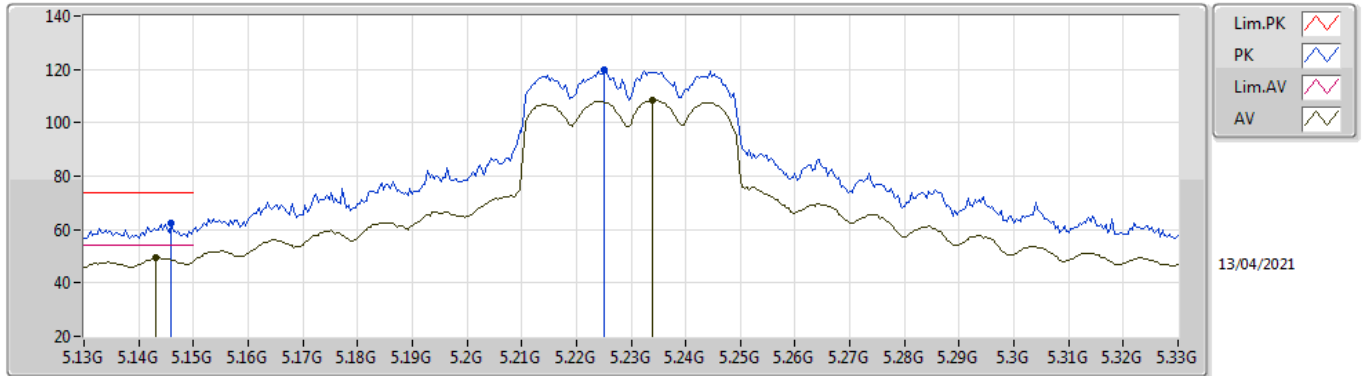
## 5230MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1496G      | 52.38             | 54.00             | -1.62          | 2.55           | 3           | Vertical  | 210            | 1.79          | -       | 49.83         | 32.00      | 5.47       | 34.92      |
| AV   | 5.2288G      | 109.91            | Inf               | -Inf           | 2.16           | 3           | Vertical  | 210            | 1.79          | -       | 107.75        | 31.53      | 5.53       | 34.90      |
| PK   | 5.148G       | 65.29             | 74.00             | -8.71          | 2.55           | 3           | Vertical  | 210            | 1.79          | -       | 62.74         | 32.00      | 5.47       | 34.92      |
| PK   | 5.2276G      | 120.81            | Inf               | -Inf           | 2.16           | 3           | Vertical  | 210            | 1.79          | -       | 118.65        | 31.53      | 5.53       | 34.90      |

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

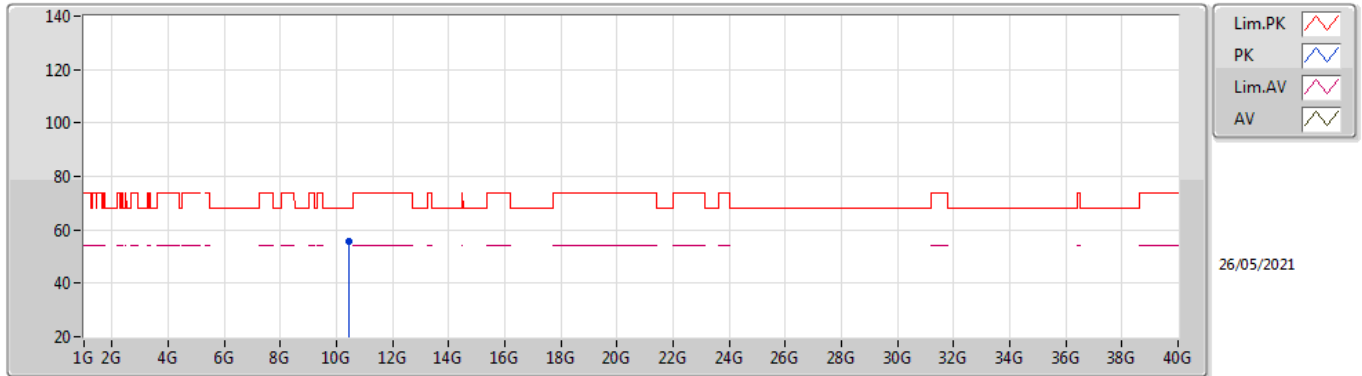
## 5230MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1432G      | 49.32             | 54.00             | -4.68          | 2.55           | 3           | Horizontal | 30             | 1.55          | -       | 46.77         | 32.00      | 5.47       | 34.92      |
| AV   | 5.234G       | 108.56            | Inf               | -Inf           | 2.13           | 3           | Horizontal | 30             | 1.55          | -       | 106.43        | 31.50      | 5.53       | 34.90      |
| PK   | 5.146G       | 62.22             | 74.00             | -11.78         | 2.55           | 3           | Horizontal | 30             | 1.55          | -       | 59.67         | 32.00      | 5.47       | 34.92      |
| PK   | 5.2252G      | 119.77            | Inf               | -Inf           | 2.18           | 3           | Horizontal | 30             | 1.55          | -       | 117.59        | 31.55      | 5.53       | 34.90      |

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

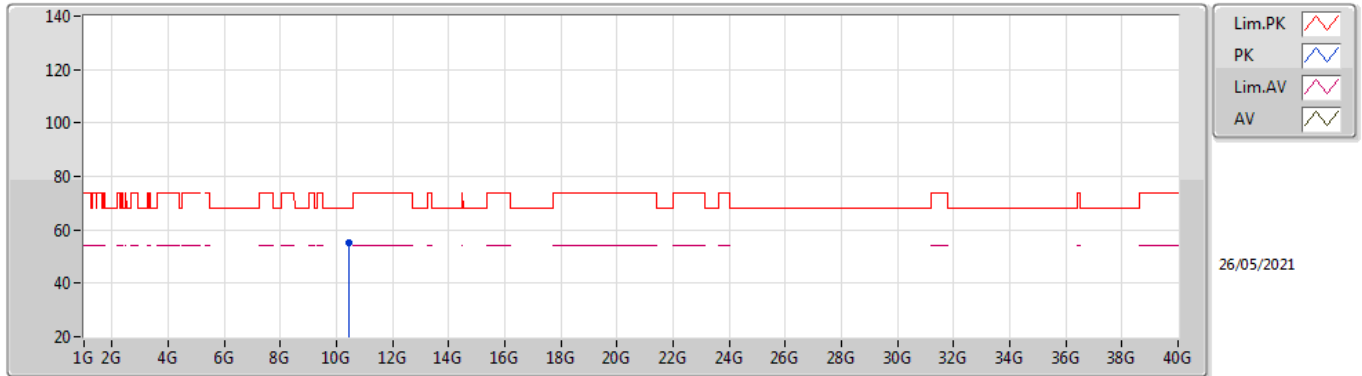
## 5230MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.45992G    | 55.73             | 68.20             | -12.47         | 12.16          | 3           | Vertical  | 359            | 1.50          | -       | 43.57         | 39.32      | 7.96       | 35.12      |

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

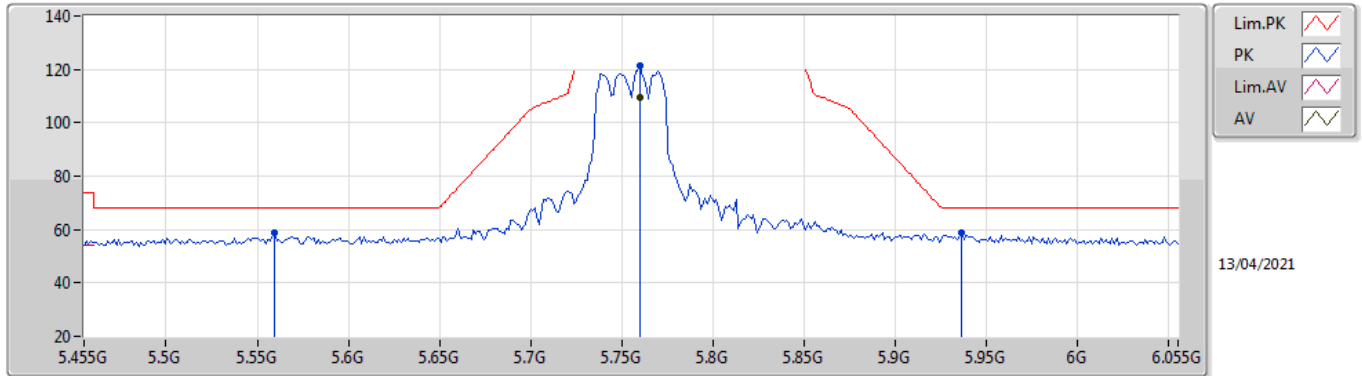
## 5230MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.45999G | 55.40    | 68.20    | -12.80 | 12.16  | 3    | Horizontal | 2       | 1.64   | -       | 43.24  | 39.32 | 7.96 | 35.12 |

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

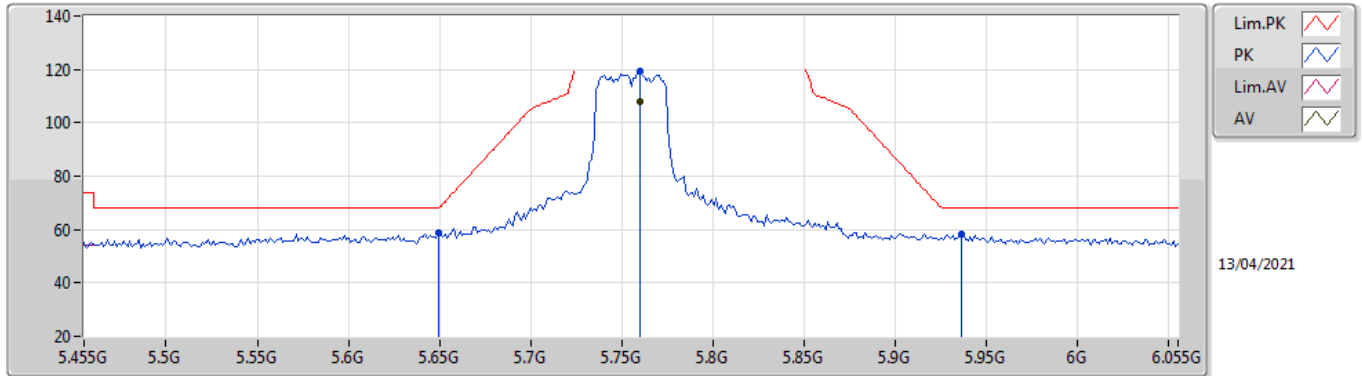
## 5755MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7598G | 109.42   | Inf      | -Inf   | 2.98   | 3    | Vertical  | 194     | 1.82   | -       | 106.44 | 32.12 | 5.80 | 34.94 |
| PK   | 5.5594G | 58.55    | 68.20    | -9.65  | 2.78   | 3    | Vertical  | 194     | 1.82   | -       | 55.77  | 31.88 | 5.78 | 34.88 |
| PK   | 5.7598G | 121.33   | Inf      | -Inf   | 2.98   | 3    | Vertical  | 194     | 1.82   | -       | 118.35 | 32.12 | 5.80 | 34.94 |
| PK   | 5.9362G | 58.71    | 68.20    | -9.49  | 3.45   | 3    | Vertical  | 194     | 1.82   | -       | 55.26  | 32.57 | 5.87 | 34.99 |

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

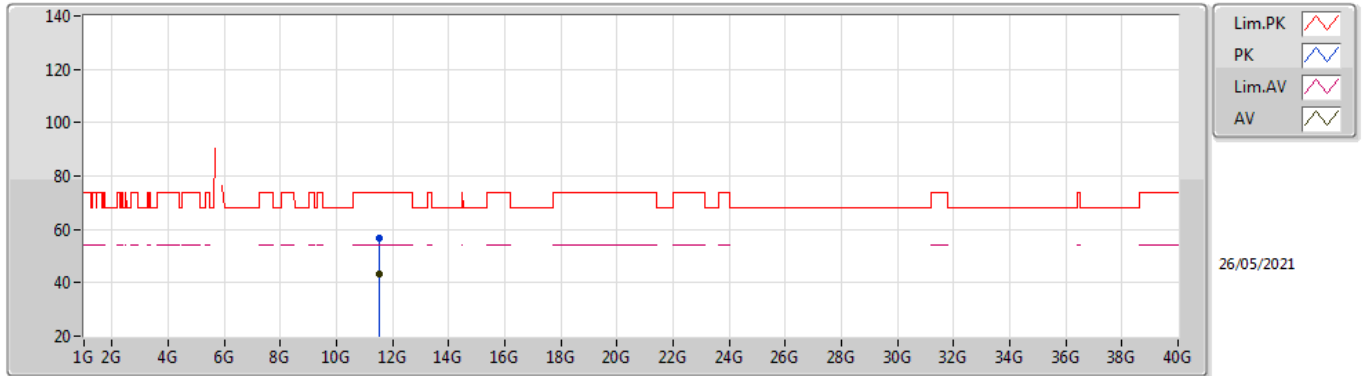
## 5755MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7598G      | 107.89            | Inf               | -Inf           | 2.98           | 3           | Horizontal | 177            | 2.16          | -       | 104.91        | 32.12      | 5.80       | 34.94      |
| PK   | 5.6494G      | 58.54             | 68.20             | -9.66          | 2.70           | 3           | Horizontal | 177            | 2.16          | -       | 55.84         | 31.80      | 5.80       | 34.90      |
| PK   | 5.7598G      | 119.35            | Inf               | -Inf           | 2.98           | 3           | Horizontal | 177            | 2.16          | -       | 116.37        | 32.12      | 5.80       | 34.94      |
| PK   | 5.9362G      | 58.26             | 68.20             | -9.94          | 3.45           | 3           | Horizontal | 177            | 2.16          | -       | 54.81         | 32.57      | 5.87       | 34.99      |

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

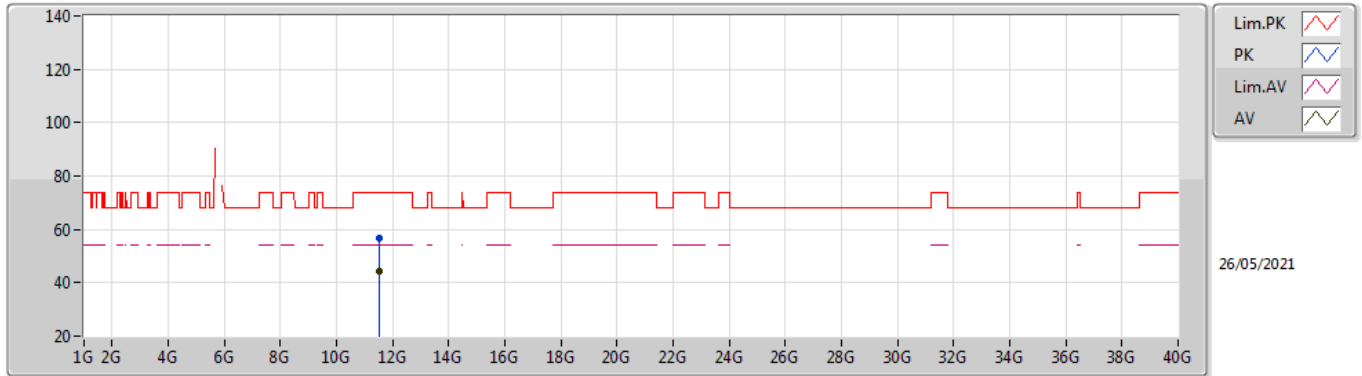
## 5755MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.51095G    | 43.45             | 54.00             | -10.55         | 15.62          | 3           | Vertical  | 79             | 1.50          | -       | 27.83         | 42.03      | 8.33       | 34.74      |
| PK   | 11.5103G     | 56.73             | 74.00             | -17.27         | 15.62          | 3           | Vertical  | 79             | 1.50          | -       | 41.11         | 42.03      | 8.33       | 34.74      |

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

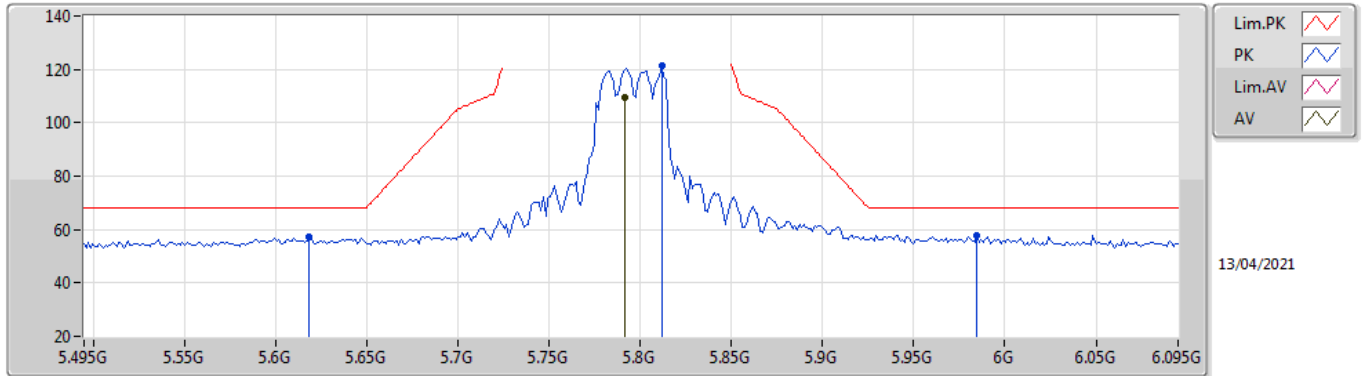
## 5755MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.50995G | 44.23    | 54.00    | -9.77  | 15.62  | 3    | Horizontal | 50      | 1.50   | -       | 28.61  | 42.03 | 8.33 | 34.74 |
| PK   | 11.51001G | 56.57    | 74.00    | -17.43 | 15.62  | 3    | Horizontal | 50      | 1.50   | -       | 40.95  | 42.03 | 8.33 | 34.74 |

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

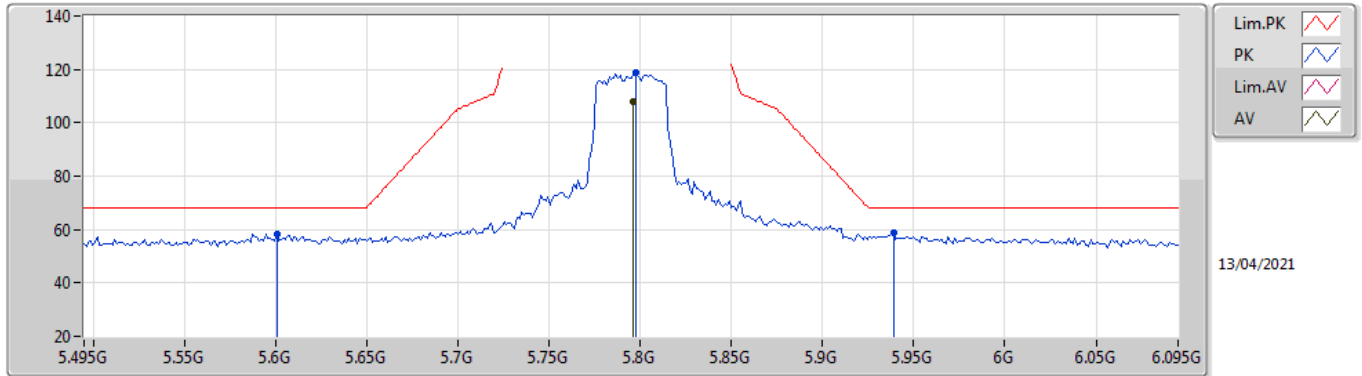
## 5795MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7914G      | 109.61            | Inf               | -Inf           | 3.03           | 3           | Vertical  | 174            | 2.04          | -       | 106.58        | 32.18      | 5.80       | 34.95      |
| PK   | 5.6186G      | 57.04             | 68.20             | -11.16         | 2.70           | 3           | Vertical  | 174            | 2.04          | -       | 54.34         | 31.80      | 5.80       | 34.90      |
| PK   | 5.8118G      | 121.16            | Inf               | -Inf           | 3.11           | 3           | Vertical  | 174            | 2.04          | -       | 118.05        | 32.25      | 5.81       | 34.95      |
| PK   | 5.9846G      | 57.92             | 68.20             | -10.28         | 3.41           | 3           | Vertical  | 174            | 2.04          | -       | 54.51         | 32.53      | 5.89       | 35.01      |

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

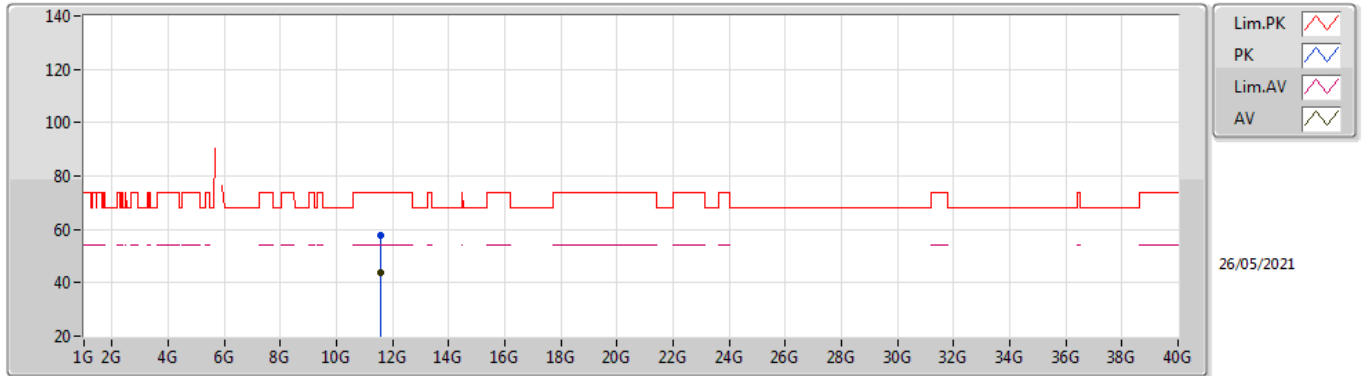
## 5795MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7962G | 107.68   | Inf      | -Inf   | 3.04   | 3    | Horizontal | 178     | 2.07   | -       | 104.64 | 32.19 | 5.80 | 34.95 |
| PK   | 5.6006G | 58.24    | 68.20    | -9.96  | 2.71   | 3    | Horizontal | 178     | 2.07   | -       | 55.53  | 31.80 | 5.80 | 34.89 |
| PK   | 5.7974G | 119.04   | Inf      | -Inf   | 3.04   | 3    | Horizontal | 178     | 2.07   | -       | 116.00 | 32.19 | 5.80 | 34.95 |
| PK   | 5.939G  | 58.57    | 68.20    | -9.63  | 3.46   | 3    | Horizontal | 178     | 2.07   | -       | 55.11  | 32.58 | 5.87 | 34.99 |

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

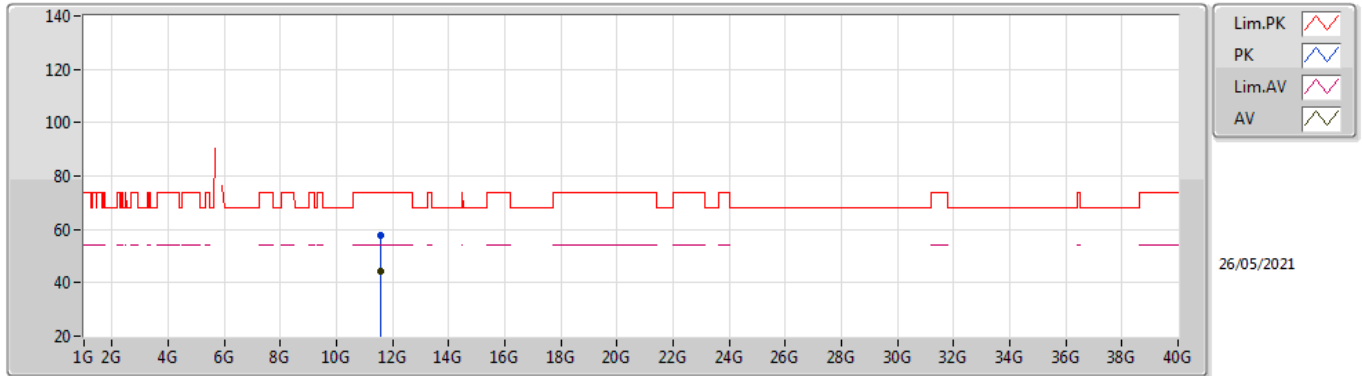
## 5795MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.59007G    | 43.70             | 54.00             | -10.30         | 15.87          | 3           | Vertical  | 184            | 2.90          | -       | 27.83         | 42.27      | 8.36       | 34.76      |
| PK   | 11.59026G    | 57.67             | 74.00             | -16.33         | 15.87          | 3           | Vertical  | 184            | 2.90          | -       | 41.80         | 42.27      | 8.36       | 34.76      |

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

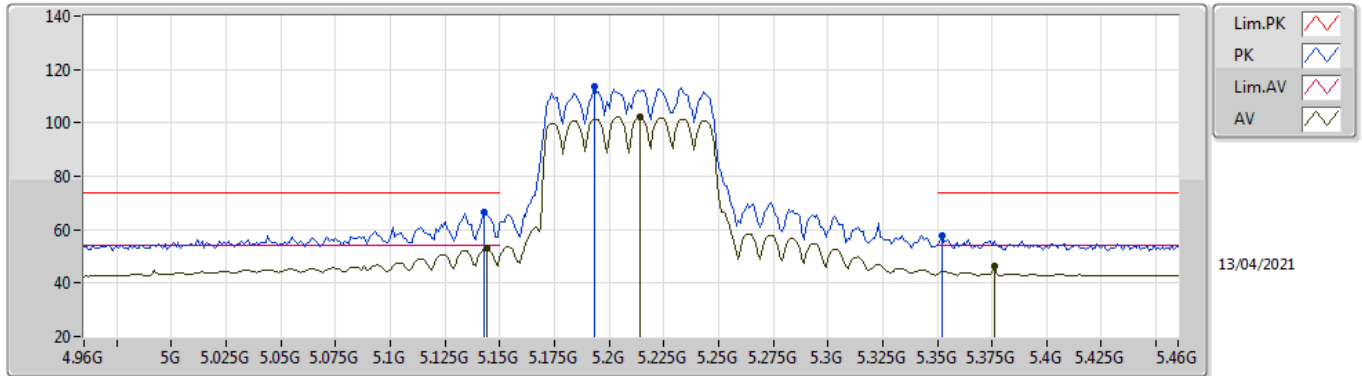
## 5795MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.58991G | 44.50    | 54.00    | -9.50  | 15.87  | 3    | Horizontal | 4       | 1.50   | -       | 28.63  | 42.27 | 8.36 | 34.76 |
| PK   | 11.5902G  | 57.75    | 74.00    | -16.25 | 15.87  | 3    | Horizontal | 4       | 1.50   | -       | 41.88  | 42.27 | 8.36 | 34.76 |

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

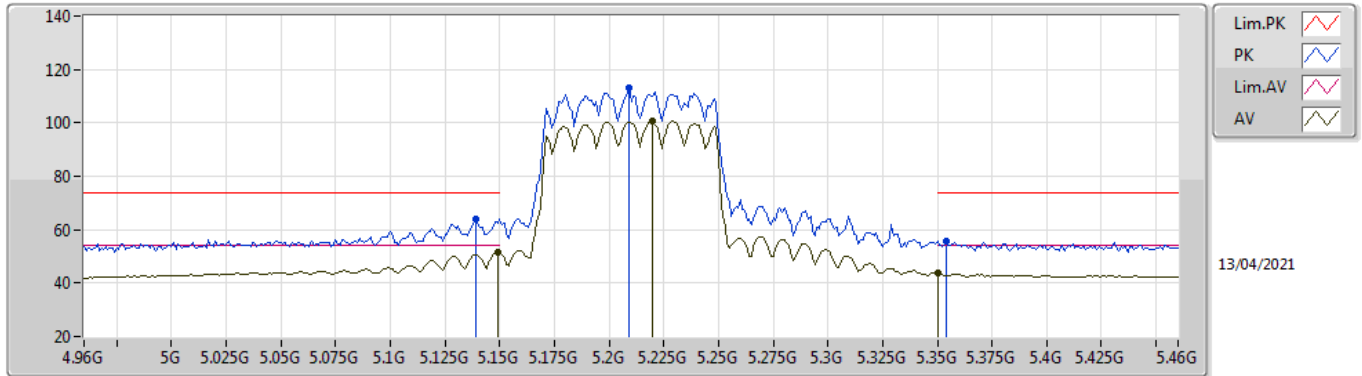
## 5210MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.144G       | 53.00             | 54.00             | -1.00          | 2.55           | 3           | Vertical  | 208            | 1.89          | -       | 50.45         | 32.00      | 5.47       | 34.92      |
| AV   | 5.214G       | 102.06            | Inf               | -Inf           | 2.22           | 3           | Vertical  | 208            | 1.89          | -       | 99.84         | 31.62      | 5.51       | 34.91      |
| AV   | 5.376G       | 46.20             | 54.00             | -7.80          | 2.26           | 3           | Vertical  | 208            | 1.89          | -       | 43.94         | 31.46      | 5.68       | 34.88      |
| PK   | 5.143G       | 66.56             | 74.00             | -7.44          | 2.55           | 3           | Vertical  | 208            | 1.89          | -       | 64.01         | 32.00      | 5.47       | 34.92      |
| PK   | 5.193G       | 113.67            | Inf               | -Inf           | 2.33           | 3           | Vertical  | 208            | 1.89          | -       | 111.34        | 31.74      | 5.50       | 34.91      |
| PK   | 5.352G       | 57.65             | 74.00             | -16.35         | 2.08           | 3           | Vertical  | 208            | 1.89          | -       | 55.57         | 31.31      | 5.65       | 34.88      |

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

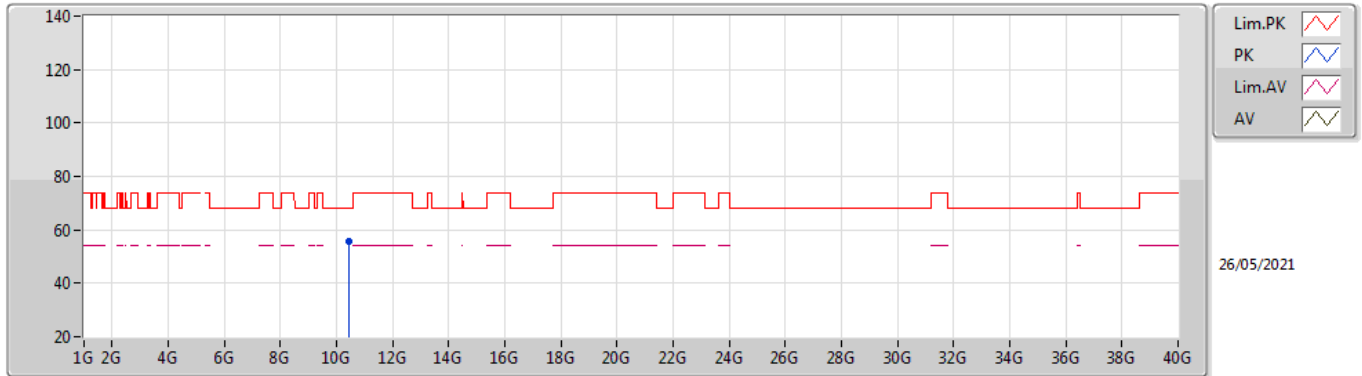
## 5210MHz\_TX



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.149G | 51.78    | 54.00    | -2.22  | 2.55   | 3    | Horizontal | 29      | 1.63   | -       | 49.23  | 32.00 | 5.47 | 34.92 |
| AV   | 5.22G  | 100.53   | Inf      | -Inf   | 2.20   | 3    | Horizontal | 29      | 1.63   | -       | 98.33  | 31.58 | 5.52 | 34.90 |
| AV   | 5.35G  | 43.59    | 54.00    | -10.41 | 2.07   | 3    | Horizontal | 29      | 1.63   | -       | 41.52  | 31.30 | 5.65 | 34.88 |
| PK   | 5.139G | 64.04    | 74.00    | -9.96  | 2.55   | 3    | Horizontal | 29      | 1.63   | -       | 61.49  | 32.00 | 5.47 | 34.92 |
| PK   | 5.209G | 113.16   | Inf      | -Inf   | 2.25   | 3    | Horizontal | 29      | 1.63   | -       | 110.91 | 31.65 | 5.51 | 34.91 |
| PK   | 5.354G | 55.59    | 74.00    | -18.41 | 2.09   | 3    | Horizontal | 29      | 1.63   | -       | 53.50  | 31.32 | 5.65 | 34.88 |

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

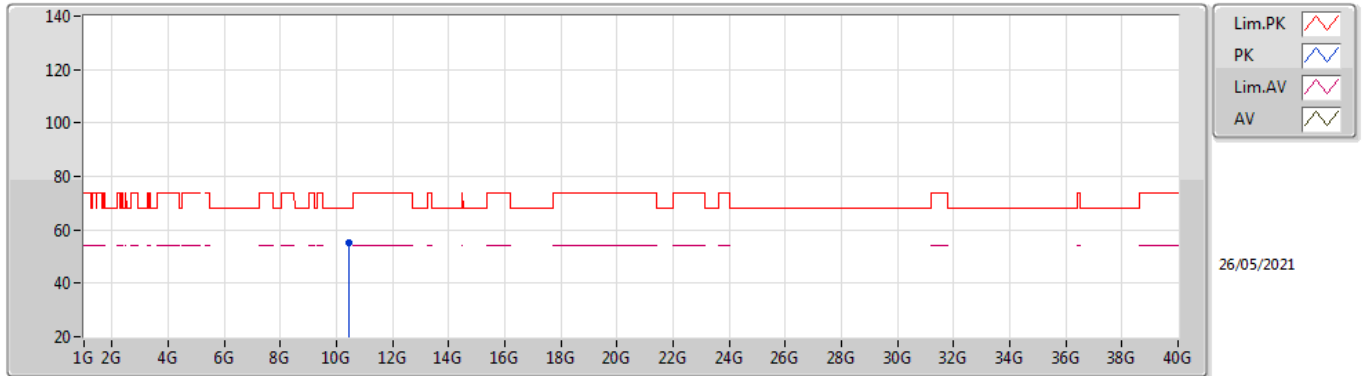
### 5210MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.42009G    | 55.48             | 68.20             | -12.72         | 12.02          | 3           | Vertical  | 2              | 1.49          | -       | 43.46         | 39.24      | 7.95       | 35.17      |

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

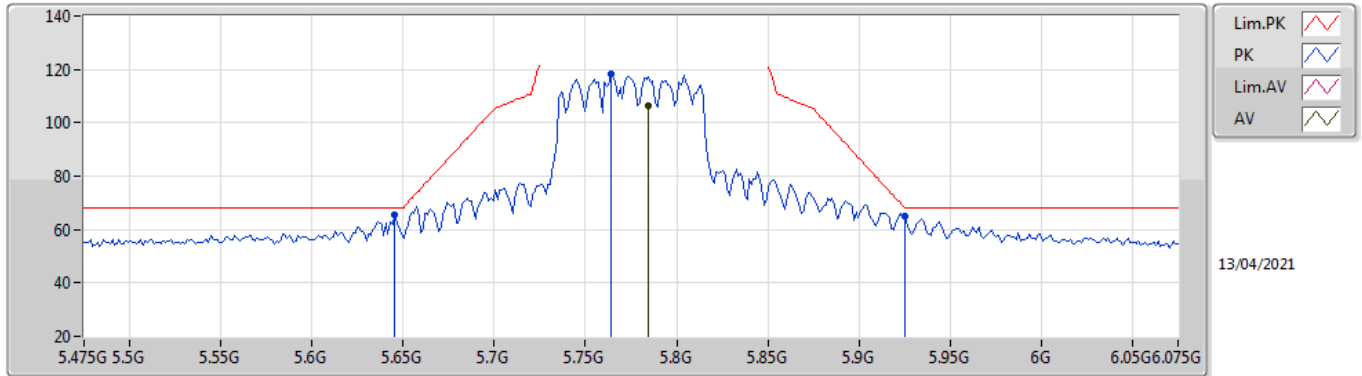
## 5210MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.41992G    | 55.33             | 68.20             | -12.87         | 12.02          | 3           | Horizontal | 3              | 1.61          | -       | 43.31         | 39.24      | 7.95       | 35.17      |

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

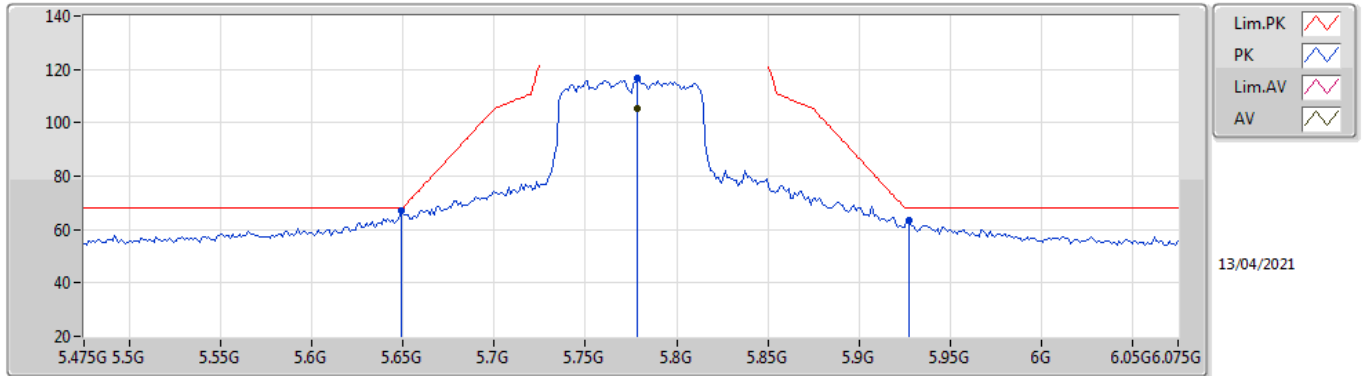
## 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7846G      | 106.54            | Inf               | -Inf           | 3.02           | 3           | Vertical  | 195            | 1.82          | -       | 103.52        | 32.17      | 5.80       | 34.95      |
| PK   | 5.6454G      | 65.75             | 68.20             | -2.45          | 2.70           | 3           | Vertical  | 195            | 1.82          | -       | 63.05         | 31.80      | 5.80       | 34.90      |
| PK   | 5.7642G      | 118.22            | Inf               | -Inf           | 2.99           | 3           | Vertical  | 195            | 1.82          | -       | 115.23        | 32.13      | 5.80       | 34.94      |
| PK   | 5.925G       | 64.75             | 68.20             | -3.45          | 3.42           | 3           | Vertical  | 195            | 1.82          | -       | 61.33         | 32.55      | 5.86       | 34.99      |

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

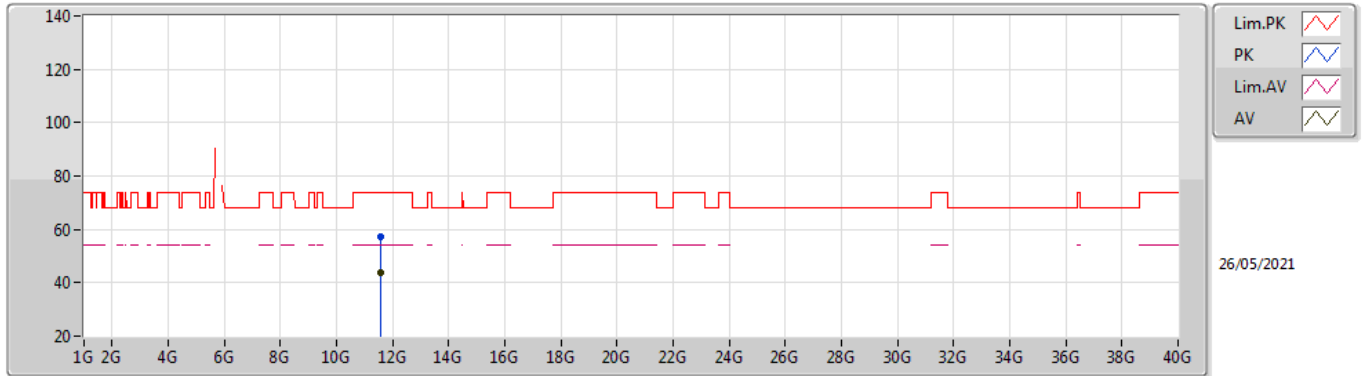
## 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7786G      | 105.42            | Inf               | -Inf           | 3.02           | 3           | Horizontal | 176            | 1.75          | -       | 102.40        | 32.16      | 5.80       | 34.94      |
| PK   | 5.649G       | 66.92             | 68.20             | -1.28          | 2.70           | 3           | Horizontal | 176            | 1.75          | -       | 64.22         | 31.80      | 5.80       | 34.90      |
| PK   | 5.7786G      | 116.51            | Inf               | -Inf           | 3.02           | 3           | Horizontal | 176            | 1.75          | -       | 113.49        | 32.16      | 5.80       | 34.94      |
| PK   | 5.9274G      | 63.39             | 68.20             | -4.81          | 3.42           | 3           | Horizontal | 176            | 1.75          | -       | 59.97         | 32.55      | 5.86       | 34.99      |

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

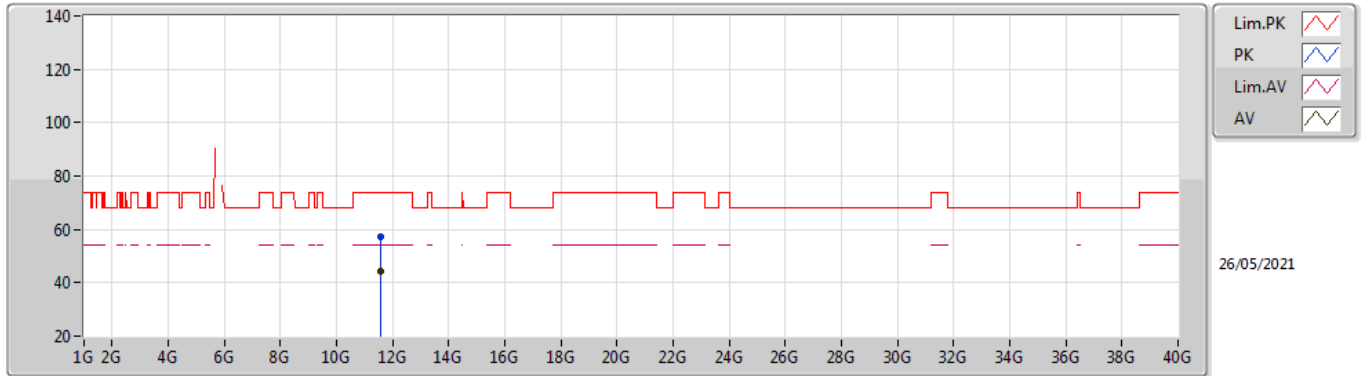
## 5775MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.54988G | 43.58    | 54.00    | -10.42 | 15.74  | 3    | Vertical  | 10      | 2.20   | -       | 27.84  | 42.15 | 8.34 | 34.75 |
| PK   | 11.54966G | 57.07    | 74.00    | -16.93 | 15.74  | 3    | Vertical  | 10      | 2.20   | -       | 41.33  | 42.15 | 8.34 | 34.75 |

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

## 5775MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.55002G | 44.36    | 54.00    | -9.64  | 15.74  | 3    | Horizontal | 49      | 1.50   | -       | 28.62  | 42.15 | 8.34 | 34.75 |
| PK   | 11.55041G | 57.01    | 74.00    | -16.99 | 15.74  | 3    | Horizontal | 49      | 1.50   | -       | 41.27  | 42.15 | 8.34 | 34.75 |

**Summary**

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.15-5.25GHz                      | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.147G       | 73.26             | 74.00             | -0.74          | 3           | Vertical  | 209            | 1.82          | -        |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.1492G      | 72.80             | 74.00             | -1.20          | 3           | Vertical  | 207            | 2.08          | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | Pass   | AV   | 5.135G       | 53.66             | 54.00             | -0.34          | 3           | Vertical  | 207            | 1.81          | -        |
| 5.725-5.85GHz                     | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.926G       | 62.03             | 68.20             | -6.17          | 3           | Vertical  | 173            | 1.82          | -        |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.651G       | 62.29             | 68.94             | -6.65          | 3           | Vertical  | 193            | 1.92          | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.6418G      | 64.58             | 68.20             | -3.62          | 3           | Vertical  | 190            | 1.88          | -        |

## Result

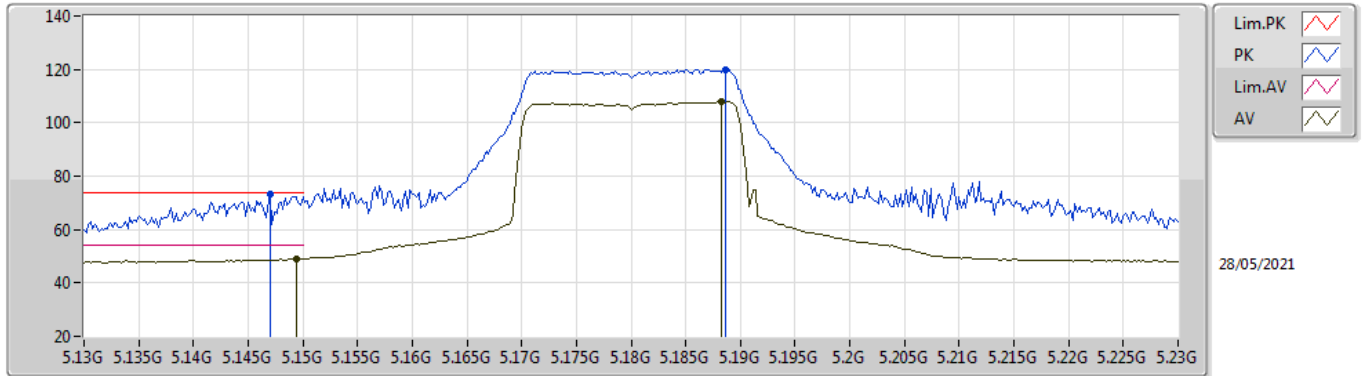
| Mode                              | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5180MHz                           | Pass   | AV   | 5.1494G   | 49.11          | 54.00          | -4.89       | 3        | Vertical   | 209         | 1.82       | -        |
| 5180MHz                           | Pass   | AV   | 5.1882G   | 107.99         | Inf            | -Inf        | 3        | Vertical   | 209         | 1.82       | -        |
| 5180MHz                           | Pass   | PK   | 5.147G    | 73.26          | 74.00          | -0.74       | 3        | Vertical   | 209         | 1.82       | -        |
| 5180MHz                           | Pass   | PK   | 5.1886G   | 120.02         | Inf            | -Inf        | 3        | Vertical   | 209         | 1.82       | -        |
| 5180MHz                           | Pass   | AV   | 5.1488G   | 46.96          | 54.00          | -7.04       | 3        | Horizontal | 33          | 1.92       | -        |
| 5180MHz                           | Pass   | AV   | 5.1888G   | 106.36         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.92       | -        |
| 5180MHz                           | Pass   | PK   | 5.1462G   | 68.17          | 74.00          | -5.83       | 3        | Horizontal | 33          | 1.92       | -        |
| 5180MHz                           | Pass   | PK   | 5.1854G   | 118.32         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.92       | -        |
| 5180MHz                           | Pass   | PK   | 10.35973G | 54.48          | 68.20          | -13.72      | 3        | Vertical   | 32          | 1.86       | -        |
| 5180MHz                           | Pass   | PK   | 10.35989G | 54.54          | 68.20          | -13.66      | 3        | Horizontal | 330         | 1.43       | -        |
| 5200MHz                           | Pass   | AV   | 5.15G     | 47.88          | 54.00          | -6.12       | 3        | Vertical   | 212         | 1.84       | -        |
| 5200MHz                           | Pass   | AV   | 5.1912G   | 108.91         | Inf            | -Inf        | 3        | Vertical   | 212         | 1.84       | -        |
| 5200MHz                           | Pass   | PK   | 5.144G    | 61.19          | 74.00          | -12.81      | 3        | Vertical   | 212         | 1.84       | -        |
| 5200MHz                           | Pass   | PK   | 5.1924G   | 121.05         | Inf            | -Inf        | 3        | Vertical   | 212         | 1.84       | -        |
| 5200MHz                           | Pass   | AV   | 5.1448G   | 46.88          | 54.00          | -7.12       | 3        | Horizontal | 32          | 1.34       | -        |
| 5200MHz                           | Pass   | AV   | 5.1916G   | 107.25         | Inf            | -Inf        | 3        | Horizontal | 32          | 1.34       | -        |
| 5200MHz                           | Pass   | PK   | 5.1484G   | 64.28          | 74.00          | -9.72       | 3        | Horizontal | 32          | 1.34       | -        |
| 5200MHz                           | Pass   | PK   | 5.192G    | 119.29         | Inf            | -Inf        | 3        | Horizontal | 32          | 1.34       | -        |
| 5200MHz                           | Pass   | PK   | 10.39964G | 54.49          | 68.20          | -13.71      | 3        | Vertical   | 360         | 1.17       | -        |
| 5200MHz                           | Pass   | PK   | 10.39997G | 54.67          | 68.20          | -13.53      | 3        | Horizontal | 331         | 1.47       | -        |
| 5240MHz                           | Pass   | AV   | 5.1494G   | 50.59          | 54.00          | -3.41       | 3        | Vertical   | 209         | 1.87       | -        |
| 5240MHz                           | Pass   | AV   | 5.249G    | 113.71         | Inf            | -Inf        | 3        | Vertical   | 209         | 1.87       | -        |
| 5240MHz                           | Pass   | AV   | 5.3762G   | 52.04          | 54.00          | -1.96       | 3        | Vertical   | 209         | 1.87       | -        |
| 5240MHz                           | Pass   | PK   | 5.1356G   | 63.25          | 74.00          | -10.75      | 3        | Vertical   | 209         | 1.87       | -        |
| 5240MHz                           | Pass   | PK   | 5.249G    | 124.76         | Inf            | -Inf        | 3        | Vertical   | 209         | 1.87       | -        |
| 5240MHz                           | Pass   | PK   | 5.3762G   | 63.69          | 74.00          | -10.31      | 3        | Vertical   | 209         | 1.87       | -        |
| 5240MHz                           | Pass   | AV   | 5.1494G   | 48.11          | 54.00          | -5.89       | 3        | Horizontal | 319         | 1.52       | -        |
| 5240MHz                           | Pass   | AV   | 5.234G    | 108.07         | Inf            | -Inf        | 3        | Horizontal | 319         | 1.52       | -        |
| 5240MHz                           | Pass   | AV   | 5.357G    | 47.91          | 54.00          | -6.09       | 3        | Horizontal | 319         | 1.52       | -        |
| 5240MHz                           | Pass   | PK   | 5.1074G   | 60.48          | 74.00          | -13.52      | 3        | Horizontal | 319         | 1.52       | -        |
| 5240MHz                           | Pass   | PK   | 5.249G    | 122.77         | Inf            | -Inf        | 3        | Horizontal | 319         | 1.52       | -        |
| 5240MHz                           | Pass   | PK   | 5.3606G   | 60.87          | 74.00          | -13.13      | 3        | Horizontal | 319         | 1.52       | -        |
| 5240MHz                           | Pass   | PK   | 10.47962G | 53.96          | 68.20          | -14.24      | 3        | Vertical   | 0           | 1.50       | -        |
| 5240MHz                           | Pass   | PK   | 10.48096G | 54.65          | 68.20          | -13.55      | 3        | Horizontal | 59          | 1.56       | -        |
| 5745MHz                           | Pass   | AV   | 5.742G    | 108.75         | Inf            | -Inf        | 3        | Vertical   | 191         | 1.67       | -        |
| 5745MHz                           | Pass   | PK   | 5.56G     | 59.58          | 68.20          | -8.62       | 3        | Vertical   | 191         | 1.67       | -        |
| 5745MHz                           | Pass   | PK   | 5.743G    | 119.61         | Inf            | -Inf        | 3        | Vertical   | 191         | 1.67       | -        |
| 5745MHz                           | Pass   | PK   | 5.929G    | 59.85          | 68.20          | -8.35       | 3        | Vertical   | 191         | 1.67       | -        |
| 5745MHz                           | Pass   | AV   | 5.752G    | 104.18         | Inf            | -Inf        | 3        | Horizontal | 162         | 1.95       | -        |
| 5745MHz                           | Pass   | PK   | 5.632G    | 60.00          | 68.20          | -8.20       | 3        | Horizontal | 162         | 1.95       | -        |
| 5745MHz                           | Pass   | PK   | 5.739G    | 115.50         | Inf            | -Inf        | 3        | Horizontal | 162         | 1.95       | -        |
| 5745MHz                           | Pass   | PK   | 5.981G    | 58.13          | 68.20          | -10.07      | 3        | Horizontal | 162         | 1.95       | -        |
| 5745MHz                           | Pass   | AV   | 11.42686G | 43.98          | 54.00          | -10.02      | 3        | Vertical   | 194         | 1.50       | -        |
| 5745MHz                           | Pass   | PK   | 11.44624G | 57.39          | 74.00          | -16.61      | 3        | Vertical   | 194         | 1.50       | -        |
| 5745MHz                           | Pass   | AV   | 11.49018G | 44.25          | 54.00          | -9.75       | 3        | Horizontal | 4           | 1.62       | -        |
| 5745MHz                           | Pass   | PK   | 11.502G   | 56.59          | 74.00          | -17.41      | 3        | Horizontal | 4           | 1.62       | -        |
| 5785MHz                           | Pass   | AV   | 5.779G    | 107.45         | Inf            | -Inf        | 3        | Vertical   | 202         | 1.68       | -        |
| 5785MHz                           | Pass   | PK   | 5.588G    | 60.39          | 68.20          | -7.81       | 3        | Vertical   | 202         | 1.68       | -        |
| 5785MHz                           | Pass   | PK   | 5.777G    | 119.18         | Inf            | -Inf        | 3        | Vertical   | 202         | 1.68       | -        |
| 5785MHz                           | Pass   | PK   | 5.952G    | 59.37          | 68.20          | -8.83       | 3        | Vertical   | 202         | 1.68       | -        |
| 5785MHz                           | Pass   | AV   | 5.777G    | 104.16         | Inf            | -Inf        | 3        | Horizontal | 174         | 1.50       | -        |
| 5785MHz                           | Pass   | PK   | 5.591G    | 59.41          | 68.20          | -8.79       | 3        | Horizontal | 174         | 1.50       | -        |
| 5785MHz                           | Pass   | PK   | 5.789G    | 117.10         | Inf            | -Inf        | 3        | Horizontal | 174         | 1.50       | -        |
| 5785MHz                           | Pass   | PK   | 5.952G    | 58.40          | 68.20          | -9.80       | 3        | Horizontal | 174         | 1.50       | -        |
| 5785MHz                           | Pass   | AV   | 11.57422G | 44.06          | 54.00          | -9.94       | 3        | Vertical   | 180         | 1.50       | -        |
| 5785MHz                           | Pass   | PK   | 11.56744G | 57.34          | 74.00          | -16.66      | 3        | Vertical   | 180         | 1.50       | -        |
| 5785MHz                           | Pass   | AV   | 11.57192G | 44.24          | 54.00          | -9.76       | 3        | Horizontal | 0           | 1.73       | -        |
| 5785MHz                           | Pass   | PK   | 11.57028G | 57.75          | 74.00          | -16.25      | 3        | Horizontal | 0           | 1.73       | -        |
| 5825MHz                           | Pass   | AV   | 5.819G    | 110.24         | Inf            | -Inf        | 3        | Vertical   | 173         | 1.82       | -        |
| 5825MHz                           | Pass   | PK   | 5.626G    | 61.20          | 68.20          | -7.00       | 3        | Vertical   | 173         | 1.82       | -        |

| Mode                              | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5825MHz                           | Pass   | PK   | 5.817G    | 121.95         | Inf            | -Inf        | 3        | Vertical   | 173         | 1.82       | -        |
| 5825MHz                           | Pass   | PK   | 5.926G    | 62.03          | 68.20          | -6.17       | 3        | Vertical   | 173         | 1.82       | -        |
| 5825MHz                           | Pass   | AV   | 5.817G    | 101.98         | Inf            | -Inf        | 3        | Horizontal | 43          | 1.93       | -        |
| 5825MHz                           | Pass   | PK   | 5.649G    | 57.98          | 68.20          | -10.22      | 3        | Horizontal | 43          | 1.93       | -        |
| 5825MHz                           | Pass   | PK   | 5.818G    | 113.00         | Inf            | -Inf        | 3        | Horizontal | 43          | 1.93       | -        |
| 5825MHz                           | Pass   | PK   | 5.926G    | 57.98          | 68.20          | -10.22      | 3        | Horizontal | 43          | 1.93       | -        |
| 5825MHz                           | Pass   | AV   | 11.64538G | 44.60          | 54.00          | -9.40       | 3        | Vertical   | 0           | 1.40       | -        |
| 5825MHz                           | Pass   | PK   | 11.6534G  | 57.61          | 74.00          | -16.39      | 3        | Vertical   | 0           | 1.40       | -        |
| 5825MHz                           | Pass   | AV   | 11.64968G | 45.27          | 54.00          | -8.73       | 3        | Horizontal | 17          | 1.50       | -        |
| 5825MHz                           | Pass   | PK   | 11.64914G | 58.35          | 74.00          | -15.65      | 3        | Horizontal | 17          | 1.50       | -        |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5190MHz                           | Pass   | AV   | 5.15G     | 47.92          | 54.00          | -6.08       | 3        | Vertical   | 207         | 2.08       | -        |
| 5190MHz                           | Pass   | AV   | 5.204G    | 103.68         | Inf            | -Inf        | 3        | Vertical   | 207         | 2.08       | -        |
| 5190MHz                           | Pass   | PK   | 5.1492G   | 72.80          | 74.00          | -1.20       | 3        | Vertical   | 207         | 2.08       | -        |
| 5190MHz                           | Pass   | PK   | 5.1928G   | 115.81         | Inf            | -Inf        | 3        | Vertical   | 207         | 2.08       | -        |
| 5190MHz                           | Pass   | AV   | 5.1448G   | 47.02          | 54.00          | -6.98       | 3        | Horizontal | 335         | 1.77       | -        |
| 5190MHz                           | Pass   | AV   | 5.206G    | 104.22         | Inf            | -Inf        | 3        | Horizontal | 335         | 1.77       | -        |
| 5190MHz                           | Pass   | PK   | 5.1484G   | 69.36          | 74.00          | -4.64       | 3        | Horizontal | 335         | 1.77       | -        |
| 5190MHz                           | Pass   | PK   | 5.206G    | 116.86         | Inf            | -Inf        | 3        | Horizontal | 335         | 1.77       | -        |
| 5190MHz                           | Pass   | PK   | 10.37996G | 54.39          | 68.20          | -13.81      | 3        | Vertical   | 360         | 1.08       | -        |
| 5190MHz                           | Pass   | PK   | 10.37816G | 54.66          | 68.20          | -13.54      | 3        | Horizontal | 330         | 1.50       | -        |
| 5230MHz                           | Pass   | AV   | 5.1496G   | 47.22          | 54.00          | -6.78       | 3        | Vertical   | 210         | 1.46       | -        |
| 5230MHz                           | Pass   | AV   | 5.2208G   | 106.87         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.46       | -        |
| 5230MHz                           | Pass   | PK   | 5.1432G   | 63.17          | 74.00          | -10.83      | 3        | Vertical   | 210         | 1.46       | -        |
| 5230MHz                           | Pass   | PK   | 5.2208G   | 117.49         | Inf            | -Inf        | 3        | Vertical   | 210         | 1.46       | -        |
| 5230MHz                           | Pass   | AV   | 5.1384G   | 46.41          | 54.00          | -7.59       | 3        | Horizontal | 126         | 1.50       | -        |
| 5230MHz                           | Pass   | AV   | 5.212G    | 102.68         | Inf            | -Inf        | 3        | Horizontal | 126         | 1.50       | -        |
| 5230MHz                           | Pass   | PK   | 5.1312G   | 69.16          | 74.00          | -4.84       | 3        | Horizontal | 126         | 1.50       | -        |
| 5230MHz                           | Pass   | PK   | 5.2164G   | 115.18         | Inf            | -Inf        | 3        | Horizontal | 126         | 1.50       | -        |
| 5230MHz                           | Pass   | PK   | 10.45993G | 54.48          | 68.20          | -13.72      | 3        | Vertical   | 360         | 2.55       | -        |
| 5230MHz                           | Pass   | PK   | 10.46093G | 54.49          | 68.20          | -13.71      | 3        | Horizontal | 334         | 1.50       | -        |
| 5755MHz                           | Pass   | AV   | 5.7466G   | 106.14         | Inf            | -Inf        | 3        | Vertical   | 161         | 2.04       | -        |
| 5755MHz                           | Pass   | PK   | 5.5666G   | 60.09          | 68.20          | -8.11       | 3        | Vertical   | 161         | 2.04       | -        |
| 5755MHz                           | Pass   | PK   | 5.7514G   | 115.93         | Inf            | -Inf        | 3        | Vertical   | 161         | 2.04       | -        |
| 5755MHz                           | Pass   | PK   | 5.959G    | 60.95          | 68.20          | -7.25       | 3        | Vertical   | 161         | 2.04       | -        |
| 5755MHz                           | Pass   | AV   | 5.7502G   | 104.39         | Inf            | -Inf        | 3        | Horizontal | 47          | 1.86       | -        |
| 5755MHz                           | Pass   | PK   | 5.6338G   | 59.02          | 68.20          | -9.18       | 3        | Horizontal | 47          | 1.86       | -        |
| 5755MHz                           | Pass   | PK   | 5.7502G   | 114.02         | Inf            | -Inf        | 3        | Horizontal | 47          | 1.86       | -        |
| 5755MHz                           | Pass   | PK   | 6.0034G   | 58.89          | 68.20          | -9.31       | 3        | Horizontal | 47          | 1.86       | -        |
| 5755MHz                           | Pass   | AV   | 11.51202G | 44.24          | 54.00          | -9.76       | 3        | Vertical   | 349         | 1.52       | -        |
| 5755MHz                           | Pass   | PK   | 11.51135G | 56.77          | 74.00          | -17.23      | 3        | Vertical   | 349         | 1.52       | -        |
| 5755MHz                           | Pass   | AV   | 11.51026G | 44.30          | 54.00          | -9.70       | 3        | Horizontal | 1           | 1.48       | -        |
| 5755MHz                           | Pass   | PK   | 11.51236G | 57.38          | 74.00          | -16.62      | 3        | Horizontal | 1           | 1.48       | -        |
| 5795MHz                           | Pass   | AV   | 5.7902G   | 109.18         | Inf            | -Inf        | 3        | Vertical   | 193         | 1.92       | -        |
| 5795MHz                           | Pass   | PK   | 5.651G    | 62.29          | 68.94          | -6.65       | 3        | Vertical   | 193         | 1.92       | -        |
| 5795MHz                           | Pass   | PK   | 5.7902G   | 120.17         | Inf            | -Inf        | 3        | Vertical   | 193         | 1.92       | -        |
| 5795MHz                           | Pass   | PK   | 5.927G    | 60.85          | 68.20          | -7.35       | 3        | Vertical   | 193         | 1.92       | -        |
| 5795MHz                           | Pass   | AV   | 5.783G    | 107.07         | Inf            | -Inf        | 3        | Horizontal | 304         | 1.92       | -        |
| 5795MHz                           | Pass   | PK   | 5.6042G   | 59.57          | 68.20          | -8.63       | 3        | Horizontal | 304         | 1.92       | -        |
| 5795MHz                           | Pass   | PK   | 5.783G    | 117.43         | Inf            | -Inf        | 3        | Horizontal | 304         | 1.92       | -        |
| 5795MHz                           | Pass   | PK   | 5.9522G   | 59.24          | 68.20          | -8.96       | 3        | Horizontal | 304         | 1.92       | -        |
| 5795MHz                           | Pass   | AV   | 11.59009G | 44.63          | 54.00          | -9.37       | 3        | Vertical   | 10          | 1.50       | -        |
| 5795MHz                           | Pass   | PK   | 11.58774G | 57.45          | 74.00          | -16.55      | 3        | Vertical   | 10          | 1.50       | -        |
| 5795MHz                           | Pass   | AV   | 11.5899G  | 44.45          | 54.00          | -9.55       | 3        | Horizontal | 0           | 1.43       | -        |
| 5795MHz                           | Pass   | PK   | 11.5895G  | 57.46          | 74.00          | -16.54      | 3        | Horizontal | 0           | 1.43       | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5210MHz                           | Pass   | AV   | 5.135G    | 53.66          | 54.00          | -0.34       | 3        | Vertical   | 207         | 1.81       | -        |
| 5210MHz                           | Pass   | AV   | 5.194G    | 108.11         | Inf            | -Inf        | 3        | Vertical   | 207         | 1.81       | -        |
| 5210MHz                           | Pass   | AV   | 5.376G    | 51.67          | 54.00          | -2.33       | 3        | Vertical   | 207         | 1.81       | -        |
| 5210MHz                           | Pass   | PK   | 5.144G    | 73.62          | 74.00          | -0.38       | 3        | Vertical   | 207         | 1.81       | -        |
| 5210MHz                           | Pass   | PK   | 5.204G    | 117.46         | Inf            | -Inf        | 3        | Vertical   | 207         | 1.81       | -        |
| 5210MHz                           | Pass   | PK   | 5.405G    | 64.41          | 74.00          | -9.59       | 3        | Vertical   | 207         | 1.81       | -        |

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5210MHz | Pass   | AV   | 5.145G       | 50.61             | 54.00             | -3.39          | 3           | Horizontal | 24             | 1.62          | -        |
| 5210MHz | Pass   | AV   | 5.201G       | 105.83            | Inf               | -Inf           | 3           | Horizontal | 24             | 1.62          | -        |
| 5210MHz | Pass   | AV   | 5.376G       | 48.55             | 54.00             | -5.45          | 3           | Horizontal | 24             | 1.62          | -        |
| 5210MHz | Pass   | PK   | 5.121G       | 68.93             | 74.00             | -5.07          | 3           | Horizontal | 24             | 1.62          | -        |
| 5210MHz | Pass   | PK   | 5.201G       | 115.28            | Inf               | -Inf           | 3           | Horizontal | 24             | 1.62          | -        |
| 5210MHz | Pass   | PK   | 5.357G       | 62.28             | 74.00             | -11.72         | 3           | Horizontal | 24             | 1.62          | -        |
| 5210MHz | Pass   | PK   | 10.42023G    | 53.97             | 68.20             | -14.23         | 3           | Vertical   | 0              | 1.50          | -        |
| 5210MHz | Pass   | PK   | 10.42013G    | 54.71             | 68.20             | -13.49         | 3           | Horizontal | 337            | 1.50          | -        |
| 5775MHz | Pass   | AV   | 5.7414G      | 108.87            | Inf               | -Inf           | 3           | Vertical   | 190            | 1.88          | -        |
| 5775MHz | Pass   | PK   | 5.6418G      | 64.58             | 68.20             | -3.62          | 3           | Vertical   | 190            | 1.88          | -        |
| 5775MHz | Pass   | PK   | 5.7426G      | 119.26            | Inf               | -Inf           | 3           | Vertical   | 190            | 1.88          | -        |
| 5775MHz | Pass   | PK   | 5.9238G      | 62.29             | 69.09             | -6.80          | 3           | Vertical   | 190            | 1.88          | -        |
| 5775MHz | Pass   | AV   | 5.7426G      | 104.23            | Inf               | -Inf           | 3           | Horizontal | 179            | 1.50          | -        |
| 5775MHz | Pass   | PK   | 5.6322G      | 59.63             | 68.20             | -8.57          | 3           | Horizontal | 179            | 1.50          | -        |
| 5775MHz | Pass   | PK   | 5.7498G      | 114.20            | Inf               | -Inf           | 3           | Horizontal | 179            | 1.50          | -        |
| 5775MHz | Pass   | PK   | 5.9298G      | 58.29             | 68.20             | -9.91          | 3           | Horizontal | 179            | 1.50          | -        |
| 5775MHz | Pass   | AV   | 11.5498G     | 44.97             | 54.00             | -9.03          | 3           | Vertical   | 360            | 2.20          | -        |
| 5775MHz | Pass   | PK   | 11.54977G    | 57.49             | 74.00             | -16.51         | 3           | Vertical   | 360            | 2.20          | -        |
| 5775MHz | Pass   | AV   | 11.54987G    | 44.92             | 54.00             | -9.08          | 3           | Horizontal | 94             | 1.50          | -        |
| 5775MHz | Pass   | PK   | 11.5491G     | 57.01             | 74.00             | -16.99         | 3           | Horizontal | 94             | 1.50          | -        |

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

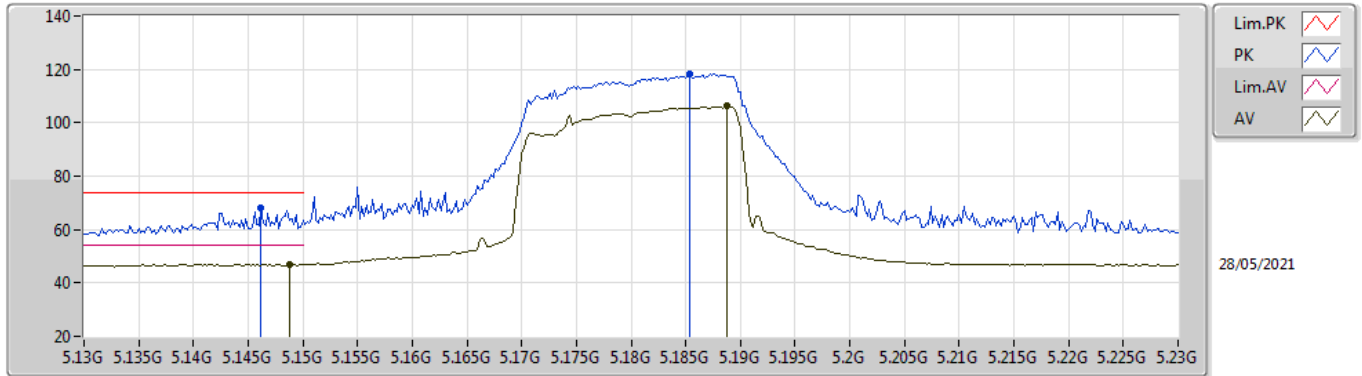
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1494G      | 49.11             | 54.00             | -4.89          | 5.15           | 3           | Vertical  | 209            | 1.82          | -       | 43.96         | 34.60      | 5.47       | 34.92      |
| AV   | 5.1882G      | 107.99            | Inf               | -Inf           | 5.26           | 3           | Vertical  | 209            | 1.82          | -       | 102.73        | 34.68      | 5.49       | 34.91      |
| PK   | 5.147G       | 73.26             | 74.00             | -0.74          | 5.14           | 3           | Vertical  | 209            | 1.82          | -       | 68.12         | 34.59      | 5.47       | 34.92      |
| PK   | 5.1886G      | 120.02            | Inf               | -Inf           | 5.26           | 3           | Vertical  | 209            | 1.82          | -       | 114.76        | 34.68      | 5.49       | 34.91      |

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

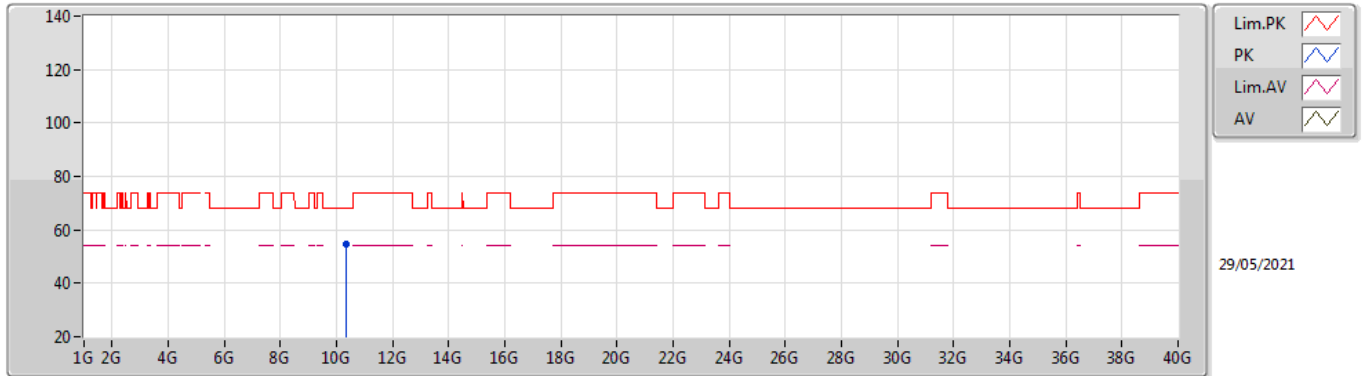
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1488G      | 46.96             | 54.00             | -7.04          | 5.15           | 3           | Horizontal | 33             | 1.92          | -       | 41.81         | 34.60      | 5.47       | 34.92      |
| AV   | 5.1888G      | 106.36            | Inf               | -Inf           | 5.26           | 3           | Horizontal | 33             | 1.92          | -       | 101.10        | 34.68      | 5.49       | 34.91      |
| PK   | 5.1462G      | 68.17             | 74.00             | -5.83          | 5.13           | 3           | Horizontal | 33             | 1.92          | -       | 63.04         | 34.58      | 5.47       | 34.92      |
| PK   | 5.1854G      | 118.32            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 33             | 1.92          | -       | 113.07        | 34.67      | 5.49       | 34.91      |

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

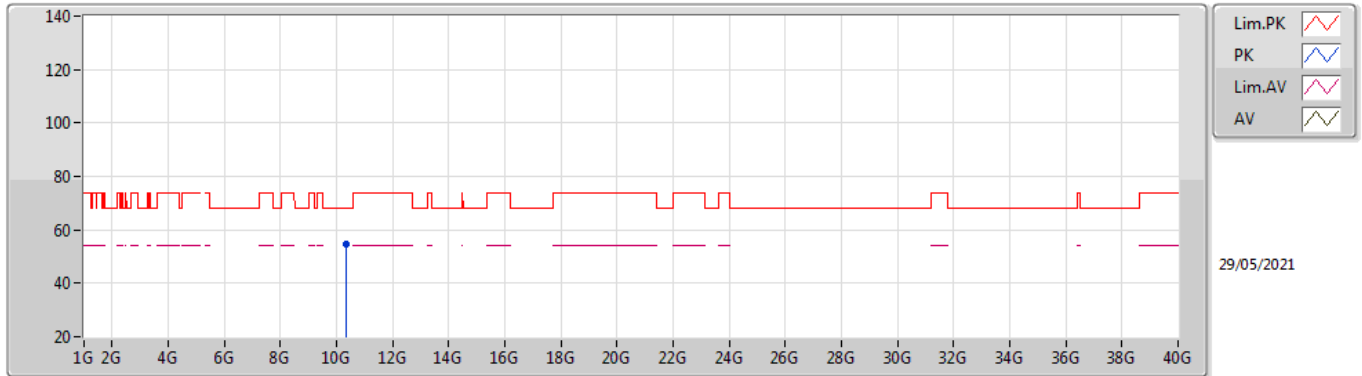
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.35973G    | 54.48             | 68.20             | -13.72         | 11.85          | 3           | Vertical  | 32             | 1.86          | -       | 42.63         | 39.16      | 7.93       | 35.24      |

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

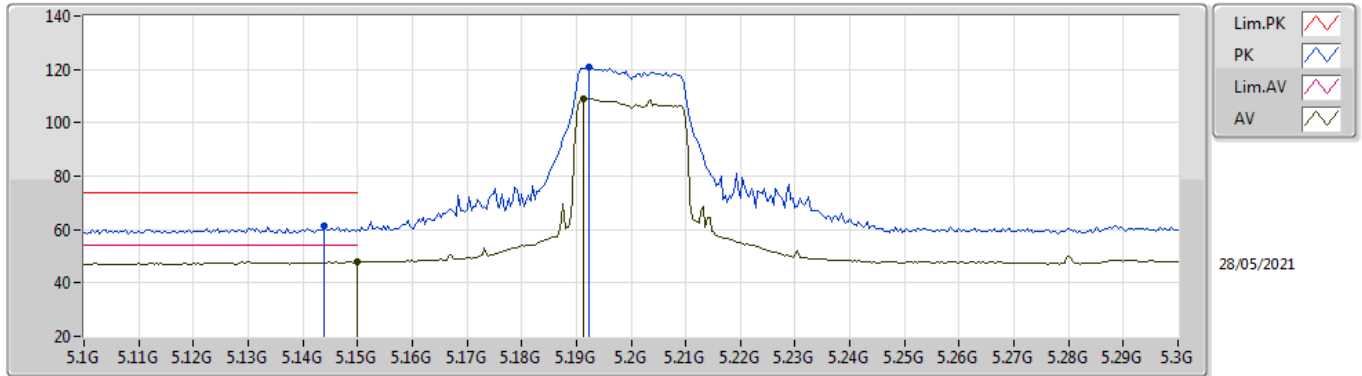
## 5180MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.35989G    | 54.54             | 68.20             | -13.66         | 11.85          | 3           | Horizontal | 330            | 1.43          | -       | 42.69         | 39.16      | 7.93       | 35.24      |

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

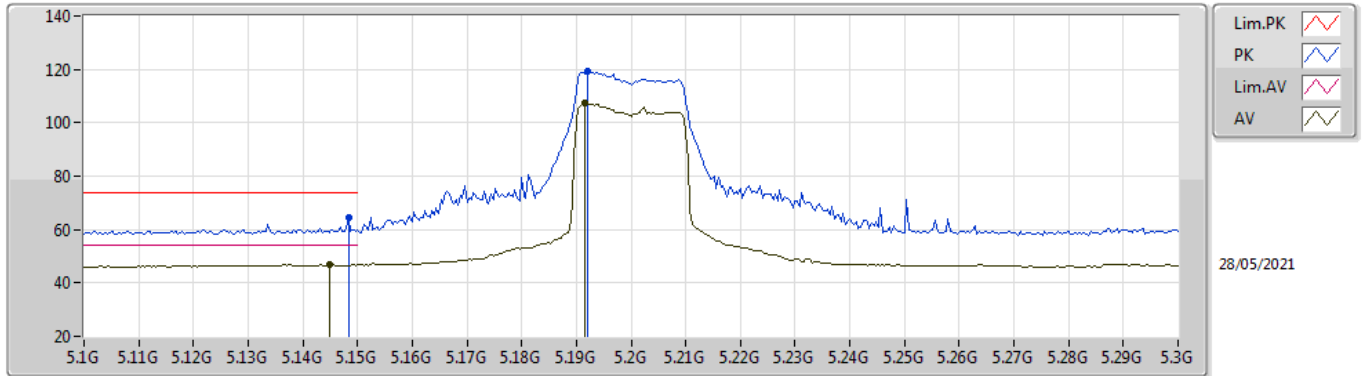
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.15G   | 47.88    | 54.00    | -6.12  | 5.15   | 3    | Vertical  | 212     | 1.84   | -       | 42.73  | 34.60 | 5.47 | 34.92 |
| AV   | 5.1912G | 108.91   | Inf      | -Inf   | 5.27   | 3    | Vertical  | 212     | 1.84   | -       | 103.64 | 34.68 | 5.50 | 34.91 |
| PK   | 5.144G  | 61.19    | 74.00    | -12.81 | 5.13   | 3    | Vertical  | 212     | 1.84   | -       | 56.06  | 34.58 | 5.47 | 34.92 |
| PK   | 5.1924G | 121.05   | Inf      | -Inf   | 5.27   | 3    | Vertical  | 212     | 1.84   | -       | 115.78 | 34.68 | 5.50 | 34.91 |

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

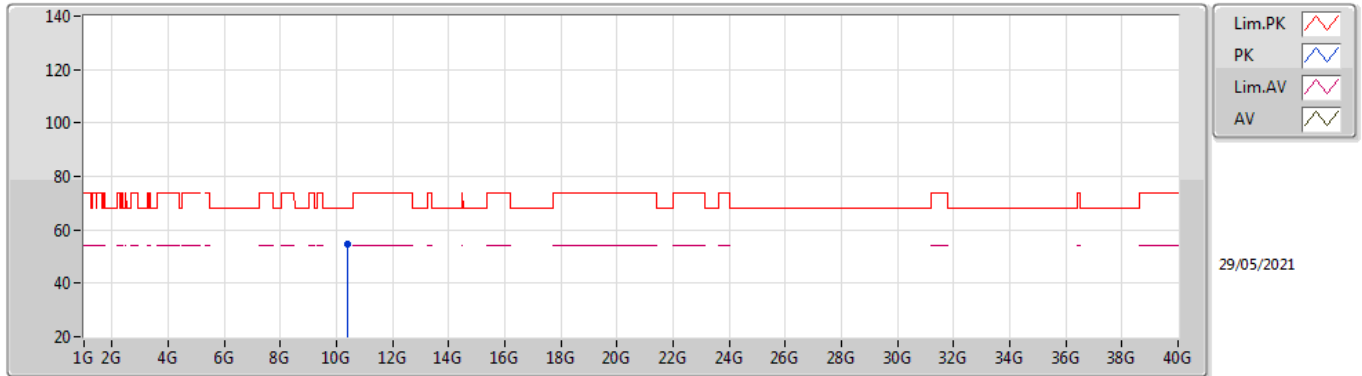
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1448G | 46.88    | 54.00    | -7.12  | 5.13   | 3    | Horizontal | 32      | 1.34   | -       | 41.75  | 34.58 | 5.47 | 34.92 |
| AV   | 5.1916G | 107.25   | Inf      | -Inf   | 5.27   | 3    | Horizontal | 32      | 1.34   | -       | 101.98 | 34.68 | 5.50 | 34.91 |
| PK   | 5.1484G | 64.28    | 74.00    | -9.72  | 5.14   | 3    | Horizontal | 32      | 1.34   | -       | 59.14  | 34.59 | 5.47 | 34.92 |
| PK   | 5.192G  | 114.02   | Inf      | -Inf   | 5.27   | 3    | Horizontal | 32      | 1.34   | -       | 114.02 | 34.68 | 5.50 | 34.91 |

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

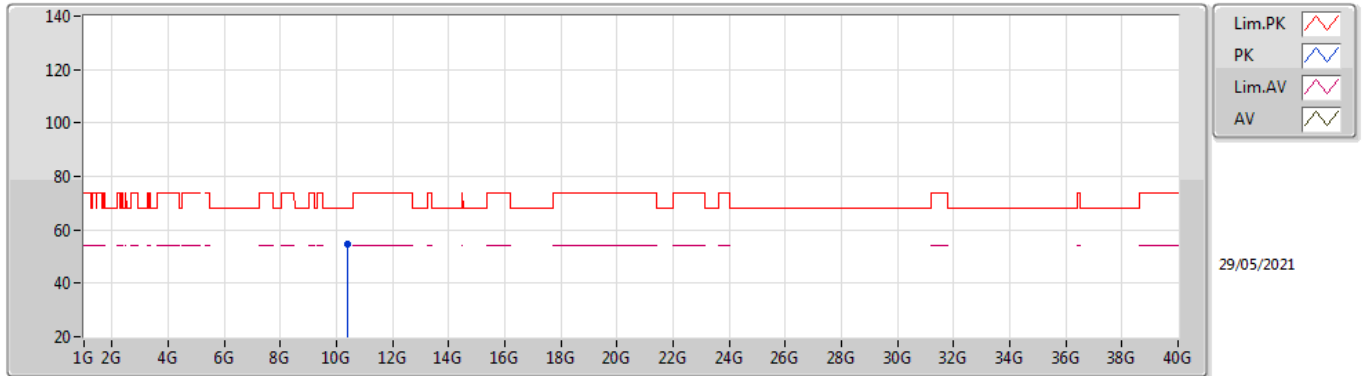
### 5200MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.39964G    | 54.49             | 68.20             | -13.71         | 11.95          | 3           | Vertical  | 360            | 1.17          | -       | 42.54         | 39.20      | 7.94       | 35.19      |

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

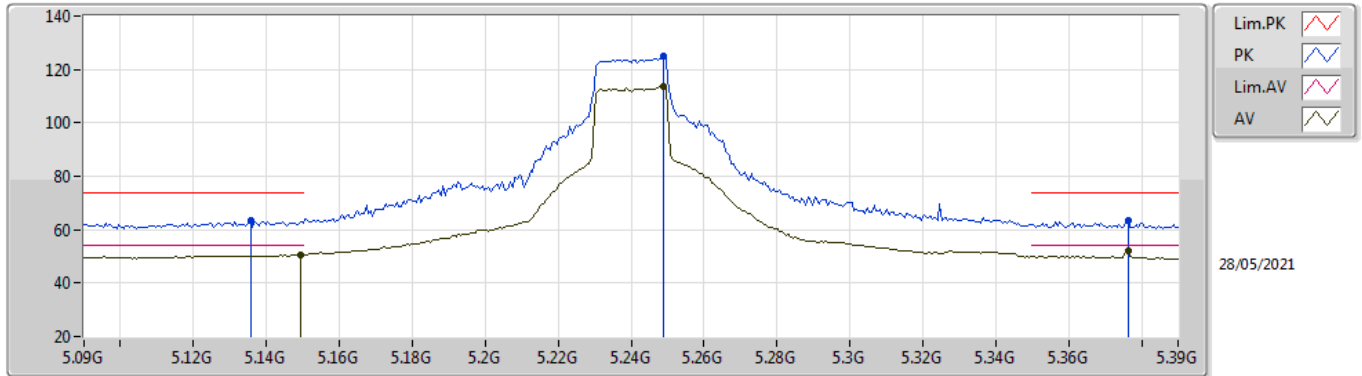
## 5200MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.39997G    | 54.67             | 68.20             | -13.53         | 11.95          | 3           | Horizontal | 331            | 1.47          | -       | 42.72         | 39.20      | 7.94       | 35.19      |

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

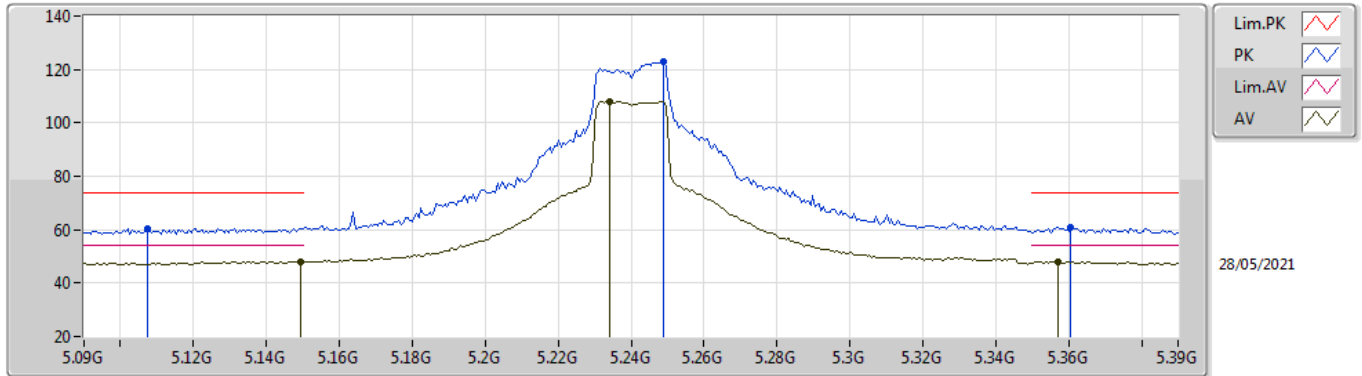
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1494G      | 50.59             | 54.00             | -3.41          | 5.15           | 3           | Vertical  | 209            | 1.87          | -       | 45.44         | 34.60      | 5.47       | 34.92      |
| AV   | 5.249G       | 113.71            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 209            | 1.87          | -       | 108.46        | 34.60      | 5.55       | 34.90      |
| AV   | 5.3762G      | 52.04             | 54.00             | -1.96          | 5.40           | 3           | Vertical  | 209            | 1.87          | -       | 46.64         | 34.60      | 5.68       | 34.88      |
| PK   | 5.1356G      | 63.25             | 74.00             | -10.75         | 5.09           | 3           | Vertical  | 209            | 1.87          | -       | 58.16         | 34.54      | 5.47       | 34.92      |
| PK   | 5.249G       | 124.76            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 209            | 1.87          | -       | 119.51        | 34.60      | 5.55       | 34.90      |
| PK   | 5.3762G      | 63.69             | 74.00             | -10.31         | 5.40           | 3           | Vertical  | 209            | 1.87          | -       | 58.29         | 34.60      | 5.68       | 34.88      |

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

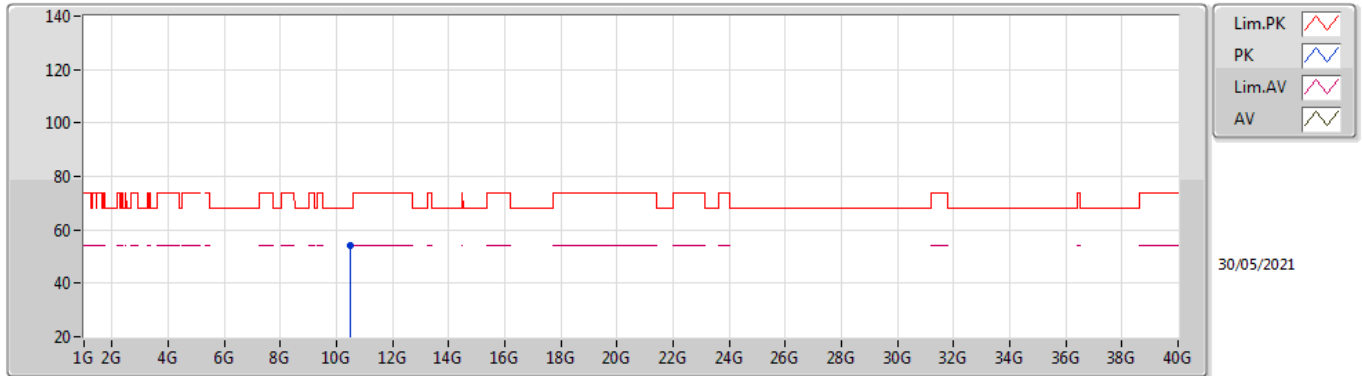
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1494G      | 48.11             | 54.00             | -5.89          | 5.15           | 3           | Horizontal | 319            | 1.52          | -       | 42.96         | 34.60      | 5.47       | 34.92      |
| AV   | 5.234G       | 108.07            | Inf               | -Inf           | 5.26           | 3           | Horizontal | 319            | 1.52          | -       | 102.81        | 34.63      | 5.53       | 34.90      |
| AV   | 5.357G       | 47.91             | 54.00             | -6.09          | 5.38           | 3           | Horizontal | 319            | 1.52          | -       | 42.53         | 34.60      | 5.66       | 34.88      |
| PK   | 5.1074G      | 60.48             | 74.00             | -13.52         | 4.96           | 3           | Horizontal | 319            | 1.52          | -       | 55.52         | 34.43      | 5.45       | 34.92      |
| PK   | 5.249G       | 122.77            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 319            | 1.52          | -       | 117.52        | 34.60      | 5.55       | 34.90      |
| PK   | 5.360G       | 60.87             | 74.00             | -13.13         | 5.38           | 3           | Horizontal | 319            | 1.52          | -       | 55.49         | 34.60      | 5.66       | 34.88      |

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

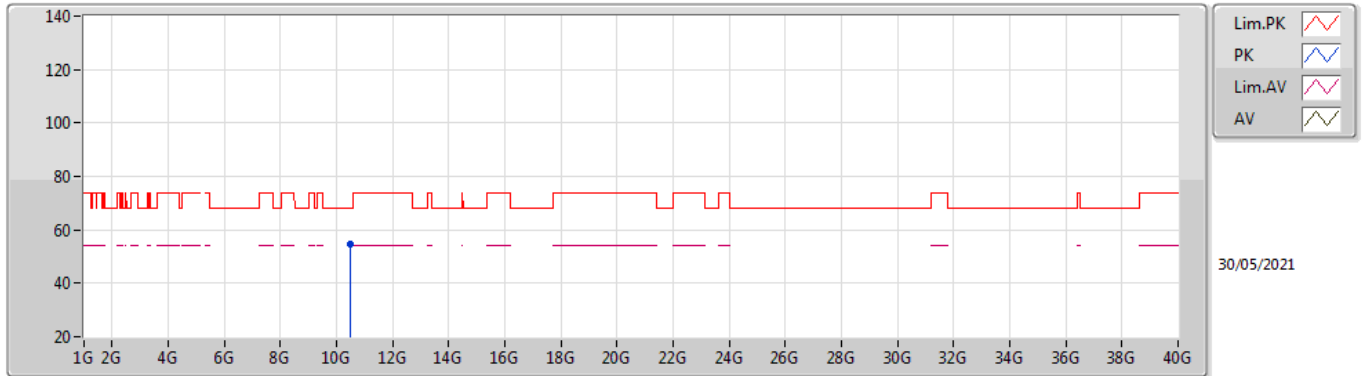
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.47962G    | 53.96             | 68.20             | -14.24         | 12.24          | 3           | Vertical  | 0              | 1.50          | -       | 41.72         | 39.36      | 7.97       | 35.09      |

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

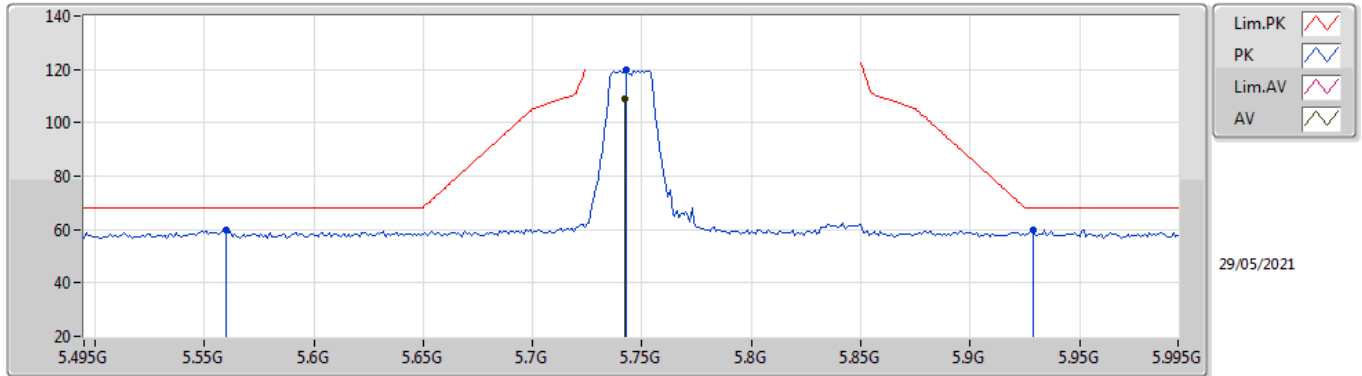
## 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.48096G    | 54.65             | 68.20             | -13.55         | 12.24          | 3           | Horizontal | 59             | 1.56          | -       | 42.41         | 39.36      | 7.97       | 35.09      |

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

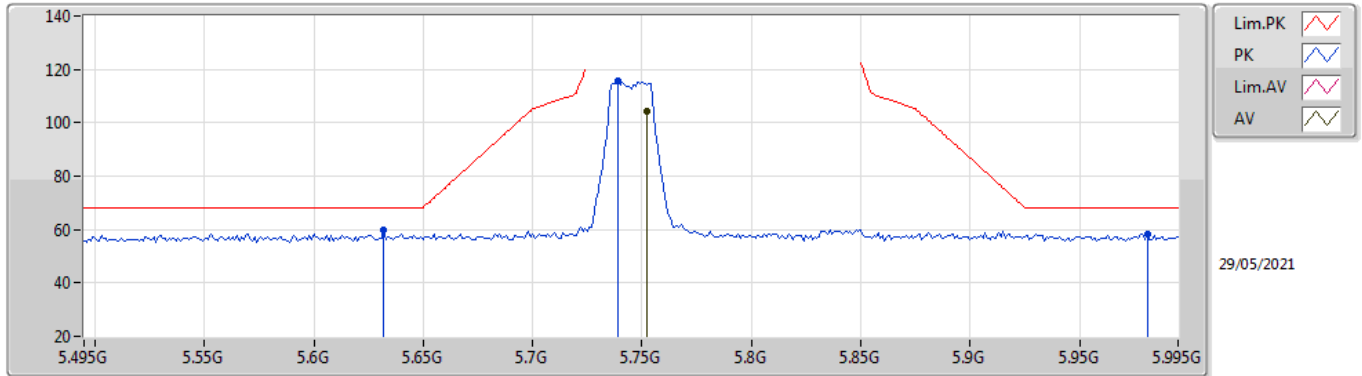
## 5745MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.742G       | 108.75            | Inf               | -Inf           | 4.87           | 3           | Vertical  | 191            | 1.67          | -       | 103.88        | 34.00      | 5.80       | 34.93      |
| PK   | 5.56G        | 59.58             | 68.20             | -8.62          | 5.16           | 3           | Vertical  | 191            | 1.67          | -       | 54.42         | 34.26      | 5.78       | 34.88      |
| PK   | 5.743G       | 119.61            | Inf               | -Inf           | 4.87           | 3           | Vertical  | 191            | 1.67          | -       | 114.74        | 34.00      | 5.80       | 34.93      |
| PK   | 5.929G       | 59.85             | 68.20             | -8.35          | 5.27           | 3           | Vertical  | 191            | 1.67          | -       | 54.58         | 34.40      | 5.86       | 34.99      |

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

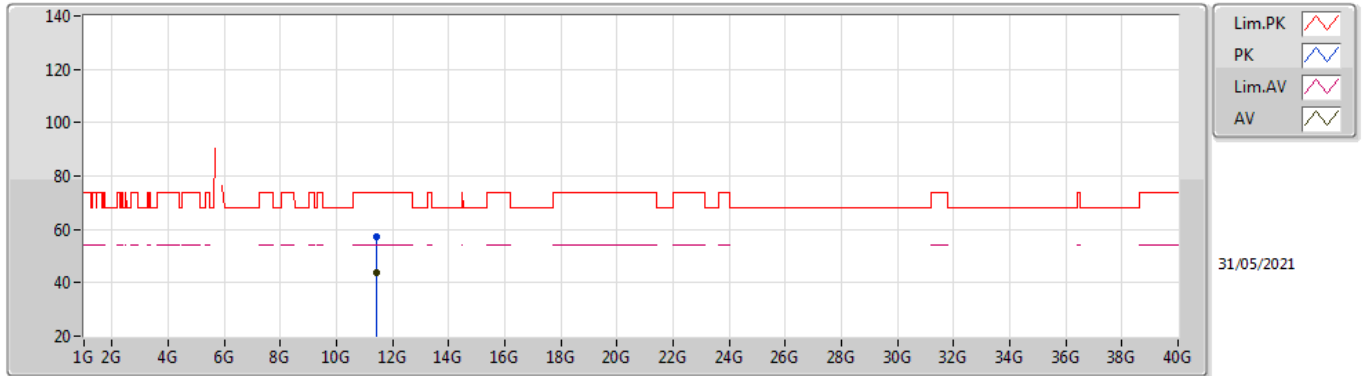
## 5745MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.752G       | 104.18            | Inf               | -Inf           | 4.86           | 3           | Horizontal | 162            | 1.95          | -       | 99.32         | 34.00      | 5.80       | 34.94      |
| PK   | 5.632G       | 60.00             | 68.20             | -8.20          | 5.00           | 3           | Horizontal | 162            | 1.95          | -       | 55.00         | 34.10      | 5.80       | 34.90      |
| PK   | 5.739G       | 115.50            | Inf               | -Inf           | 4.87           | 3           | Horizontal | 162            | 1.95          | -       | 110.63        | 34.00      | 5.80       | 34.93      |
| PK   | 5.981G       | 58.13             | 68.20             | -10.07         | 5.35           | 3           | Horizontal | 162            | 1.95          | -       | 52.78         | 34.46      | 5.89       | 35.00      |

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

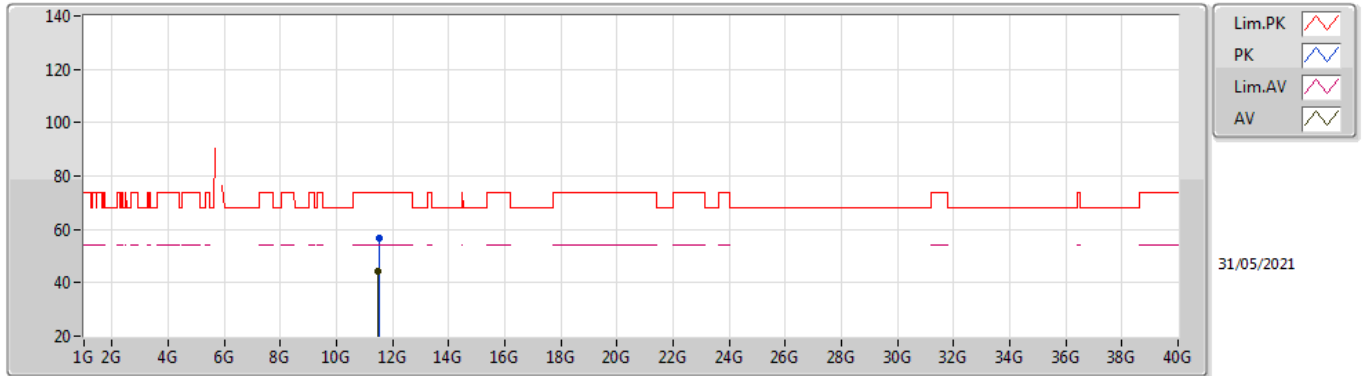
## 5745MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.42686G | 43.98    | 54.00    | -10.02 | 15.45  | 3    | Vertical  | 194     | 1.50   | -       | 28.53  | 41.93 | 8.30 | 34.78 |
| PK   | 11.44624G | 57.39    | 74.00    | -16.61 | 15.49  | 3    | Vertical  | 194     | 1.50   | -       | 41.90  | 41.95 | 8.31 | 34.77 |

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

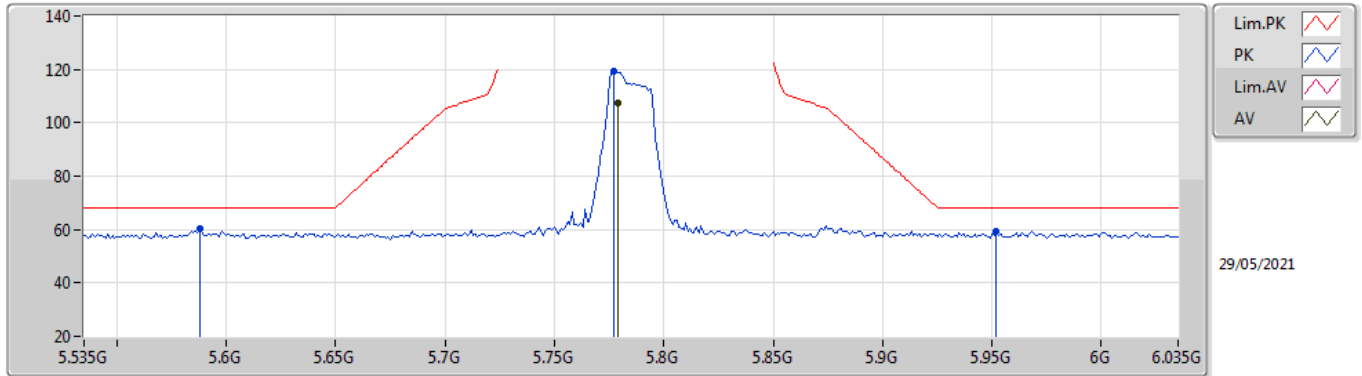
## 5745MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.49018G | 44.25    | 54.00    | -9.75  | 15.56  | 3    | Horizontal | 4       | 1.62   | -       | 28.69  | 41.99 | 8.32 | 34.75 |
| PK   | 11.502G   | 56.59    | 74.00    | -17.41 | 15.60  | 3    | Horizontal | 4       | 1.62   | -       | 40.99  | 42.01 | 8.33 | 34.74 |

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

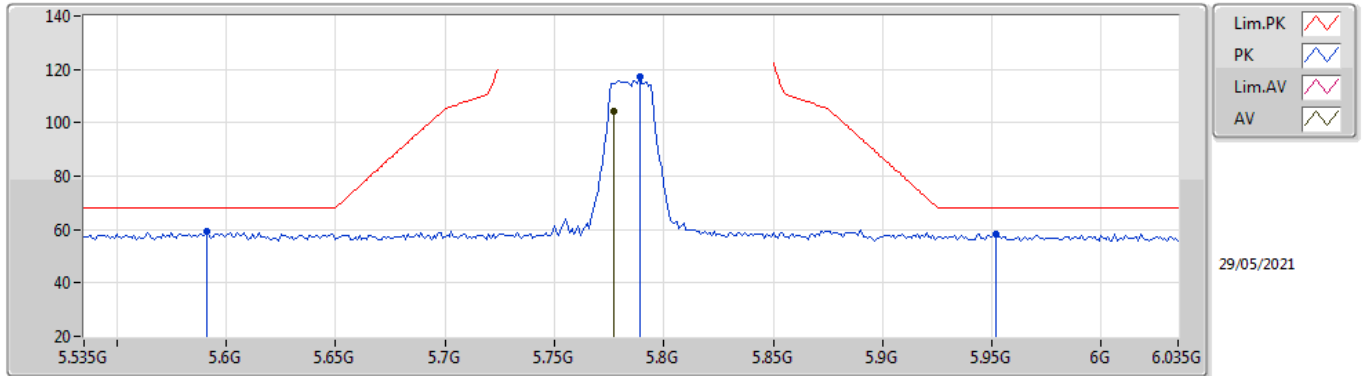
## 5785MHz\_TX



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.779G | 107.45   | Inf      | -Inf   | 4.92   | 3    | Vertical  | 202     | 1.68   | -       | 102.53 | 34.06 | 5.80 | 34.94 |
| PK   | 5.588G | 60.39    | 68.20    | -7.81  | 5.05   | 3    | Vertical  | 202     | 1.68   | -       | 55.34  | 34.15 | 5.79 | 34.89 |
| PK   | 5.777G | 119.18   | Inf      | -Inf   | 4.91   | 3    | Vertical  | 202     | 1.68   | -       | 114.27 | 34.05 | 5.80 | 34.94 |
| PK   | 5.952G | 59.37    | 68.20    | -8.83  | 5.28   | 3    | Vertical  | 202     | 1.68   | -       | 54.09  | 34.40 | 5.88 | 35.00 |

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

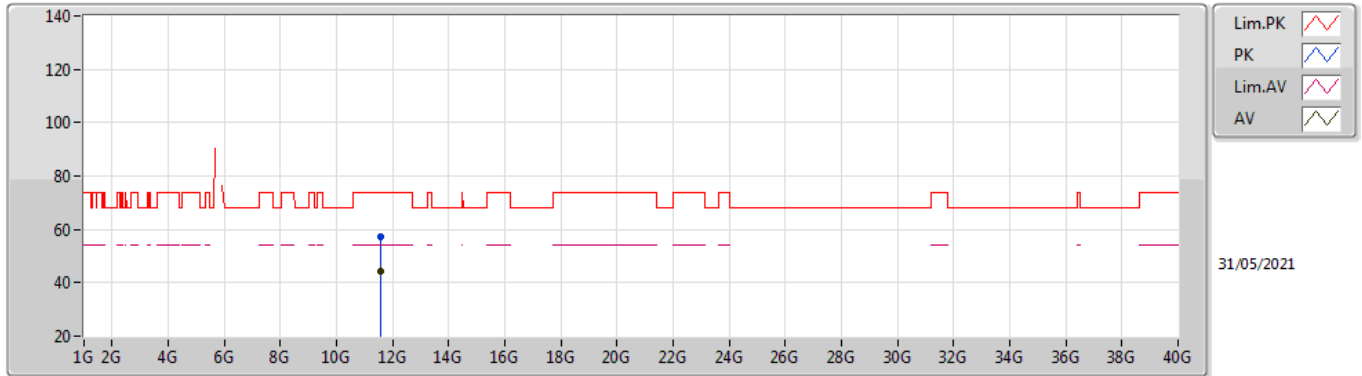
## 5785MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.777G       | 104.16            | Inf               | -Inf           | 4.91           | 3           | Horizontal | 174            | 1.50          | -       | 99.25         | 34.05      | 5.80       | 34.94      |
| PK   | 5.591G       | 59.41             | 68.20             | -8.79          | 5.05           | 3           | Horizontal | 174            | 1.50          | -       | 54.36         | 34.14      | 5.80       | 34.89      |
| PK   | 5.789G       | 117.10            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 174            | 1.50          | -       | 112.17        | 34.08      | 5.80       | 34.95      |
| PK   | 5.952G       | 58.40             | 68.20             | -9.80          | 5.28           | 3           | Horizontal | 174            | 1.50          | -       | 53.12         | 34.40      | 5.88       | 35.00      |

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

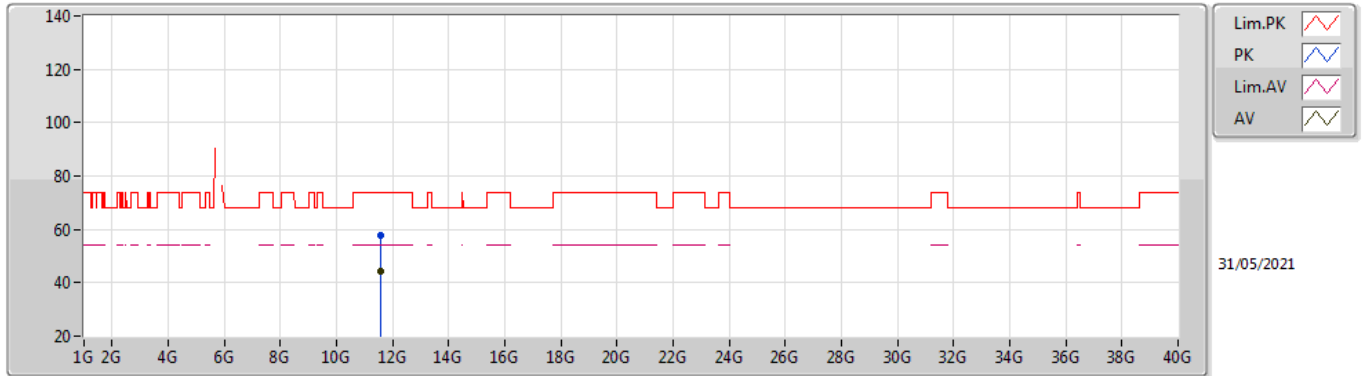
## 5785MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.57422G | 44.06    | 54.00    | -9.94  | 15.81  | 3    | Vertical  | 180     | 1.50   | -       | 28.25  | 42.22 | 8.35 | 34.76 |
| PK   | 11.56744G | 57.34    | 74.00    | -16.66 | 15.79  | 3    | Vertical  | 180     | 1.50   | -       | 41.55  | 42.20 | 8.35 | 34.76 |

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

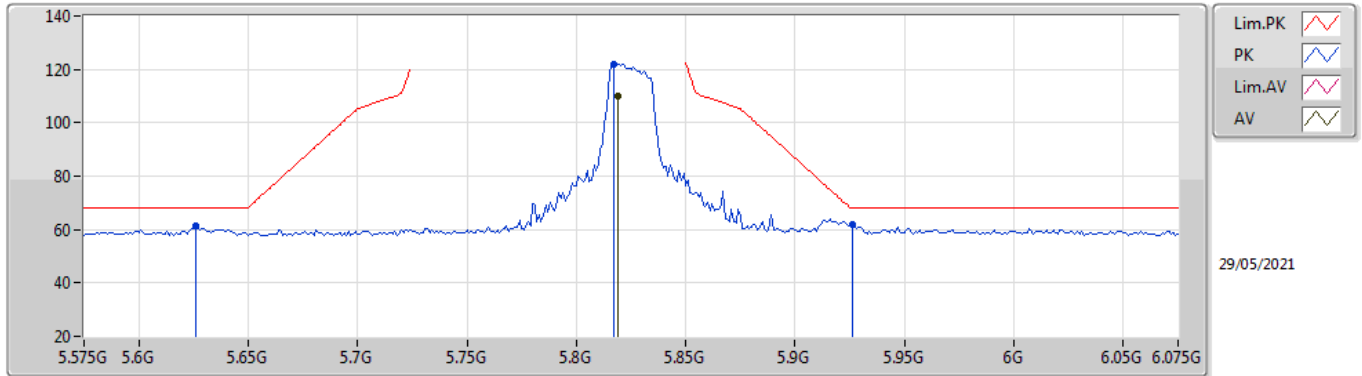
## 5785MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.57192G | 44.24    | 54.00    | -9.76  | 15.81  | 3    | Horizontal | 0       | 1.73   | -       | 28.43  | 42.22 | 8.35 | 34.76 |
| PK   | 11.57028G | 57.75    | 74.00    | -16.25 | 15.80  | 3    | Horizontal | 0       | 1.73   | -       | 41.95  | 42.21 | 8.35 | 34.76 |

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

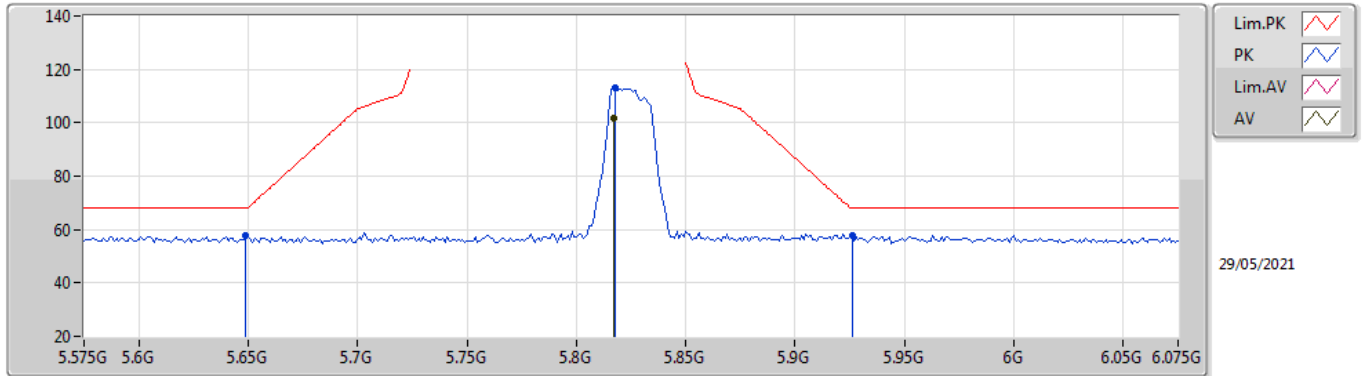
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.819G       | 110.24            | Inf               | -Inf           | 5.03           | 3           | Vertical  | 173            | 1.82          | -       | 105.21        | 34.18      | 5.81       | 34.96      |
| PK   | 5.626G       | 61.20             | 68.20             | -7.00          | 5.00           | 3           | Vertical  | 173            | 1.82          | -       | 56.20         | 34.10      | 5.80       | 34.90      |
| PK   | 5.817G       | 121.95            | Inf               | -Inf           | 5.02           | 3           | Vertical  | 173            | 1.82          | -       | 116.93        | 34.17      | 5.81       | 34.96      |
| PK   | 5.926G       | 62.03             | 68.20             | -6.17          | 5.27           | 3           | Vertical  | 173            | 1.82          | -       | 56.76         | 34.40      | 5.86       | 34.99      |

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

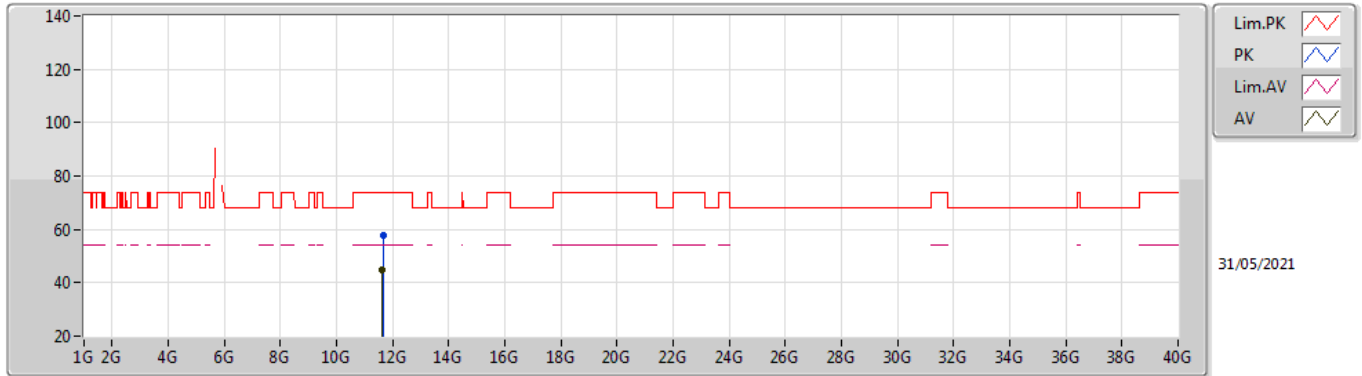
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.817G       | 101.98            | Inf               | -Inf           | 5.02           | 3           | Horizontal | 43             | 1.93          | -       | 96.96         | 34.17      | 5.81       | 34.96      |
| PK   | 5.649G       | 57.98             | 68.20             | -10.22         | 5.00           | 3           | Horizontal | 43             | 1.93          | -       | 52.98         | 34.10      | 5.80       | 34.90      |
| PK   | 5.818G       | 113.00            | Inf               | -Inf           | 5.02           | 3           | Horizontal | 43             | 1.93          | -       | 107.98        | 34.17      | 5.81       | 34.96      |
| PK   | 5.926G       | 57.98             | 68.20             | -10.22         | 5.27           | 3           | Horizontal | 43             | 1.93          | -       | 52.71         | 34.40      | 5.86       | 34.99      |

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

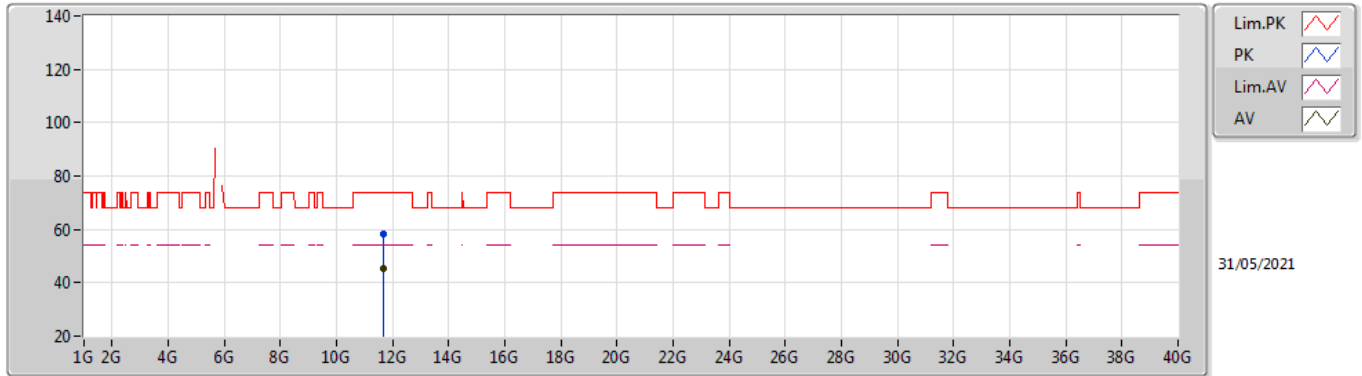
## 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.64538G    | 44.60             | 54.00             | -9.40          | 16.00          | 3           | Vertical  | 0              | 1.40          | -       | 28.60         | 42.39      | 8.38       | 34.77      |
| PK   | 11.6534G     | 57.61             | 74.00             | -16.39         | 16.01          | 3           | Vertical  | 0              | 1.40          | -       | 41.60         | 42.41      | 8.38       | 34.78      |

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

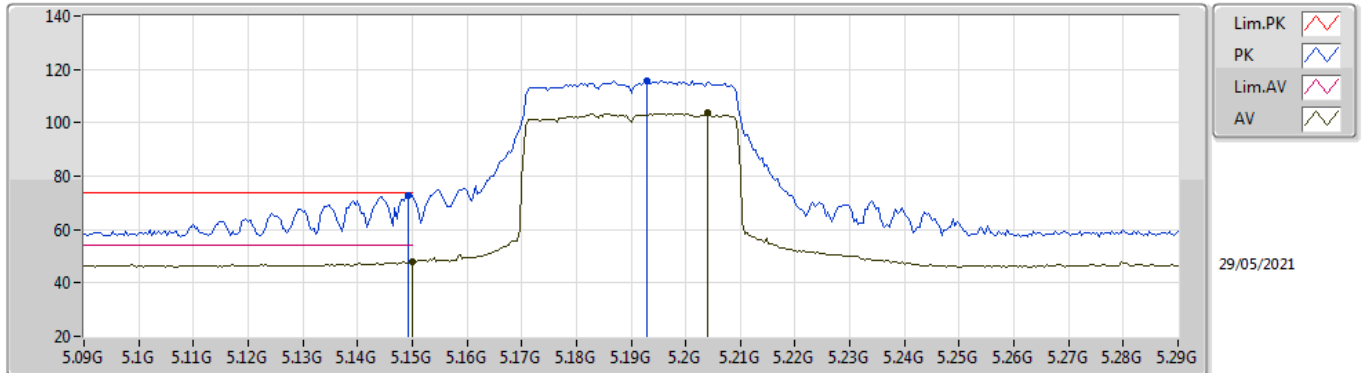
## 5825MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.64968G | 45.27    | 54.00    | -8.73  | 16.00  | 3    | Horizontal | 17      | 1.50   | -       | 29.27  | 42.40 | 8.38 | 34.78 |
| PK   | 11.64914G | 58.35    | 74.00    | -15.65 | 16.00  | 3    | Horizontal | 17      | 1.50   | -       | 42.35  | 42.40 | 8.38 | 34.78 |

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

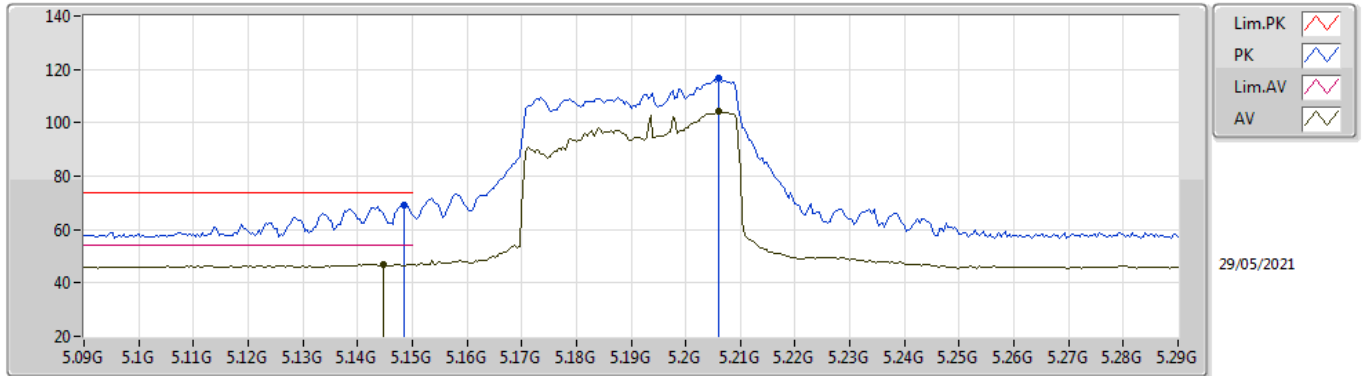
## 5190MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.15G   | 47.92    | 54.00    | -6.08  | 5.15   | 3    | Vertical  | 207     | 2.08   | -       | 42.77  | 34.60 | 5.47 | 34.92 |
| AV   | 5.204G  | 103.68   | Inf      | -Inf   | 5.28   | 3    | Vertical  | 207     | 2.08   | -       | 98.40  | 34.69 | 5.50 | 34.91 |
| PK   | 5.1492G | 72.80    | 74.00    | -1.20  | 5.15   | 3    | Vertical  | 207     | 2.08   | -       | 67.65  | 34.60 | 5.47 | 34.92 |
| PK   | 5.1928G | 115.81   | Inf      | -Inf   | 5.28   | 3    | Vertical  | 207     | 2.08   | -       | 110.53 | 34.69 | 5.50 | 34.91 |

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

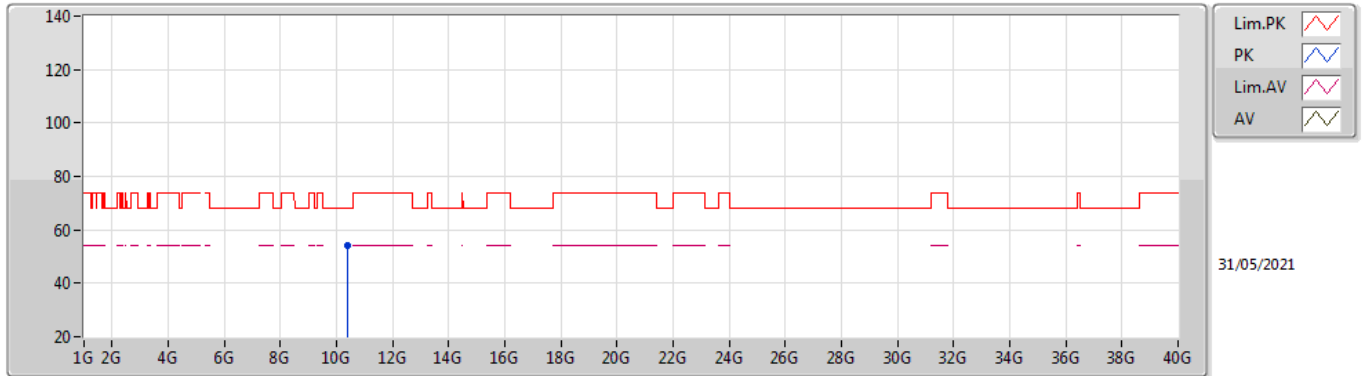
## 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1448G      | 47.02             | 54.00             | -6.98          | 5.13           | 3           | Horizontal | 335            | 1.77          | -       | 41.89         | 34.58      | 5.47       | 34.92      |
| AV   | 5.206G       | 104.22            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 335            | 1.77          | -       | 98.93         | 34.69      | 5.51       | 34.91      |
| PK   | 5.1484G      | 69.36             | 74.00             | -4.64          | 5.14           | 3           | Horizontal | 335            | 1.77          | -       | 64.22         | 34.59      | 5.47       | 34.92      |
| PK   | 5.206G       | 116.86            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 335            | 1.77          | -       | 111.57        | 34.69      | 5.51       | 34.91      |

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

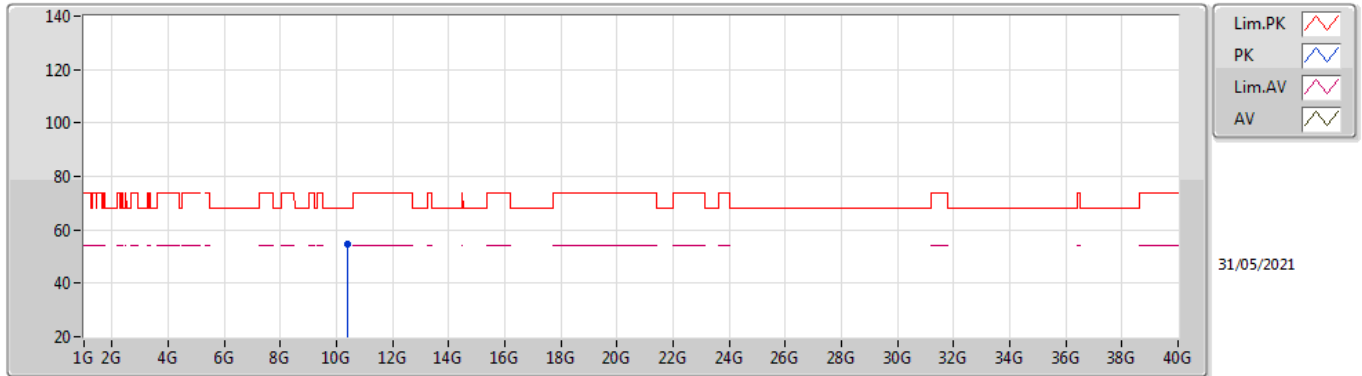
### 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.37996G    | 54.39             | 68.20             | -13.81         | 11.90          | 3           | Vertical  | 360            | 1.08          | -       | 42.49         | 39.18      | 7.93       | 35.21      |

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

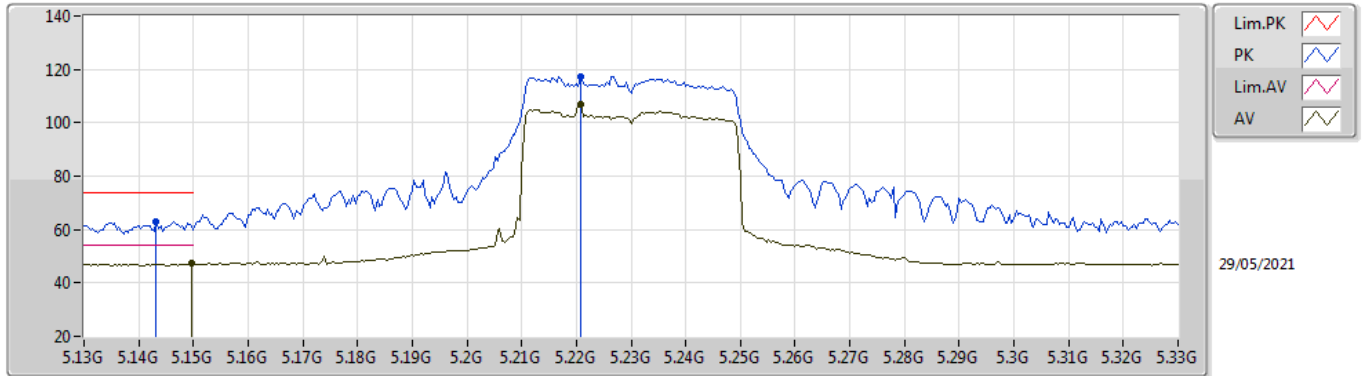
## 5190MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.37816G    | 54.66             | 68.20             | -13.54         | 11.89          | 3           | Horizontal | 330            | 1.50          | -       | 42.77         | 39.18      | 7.93       | 35.22      |

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

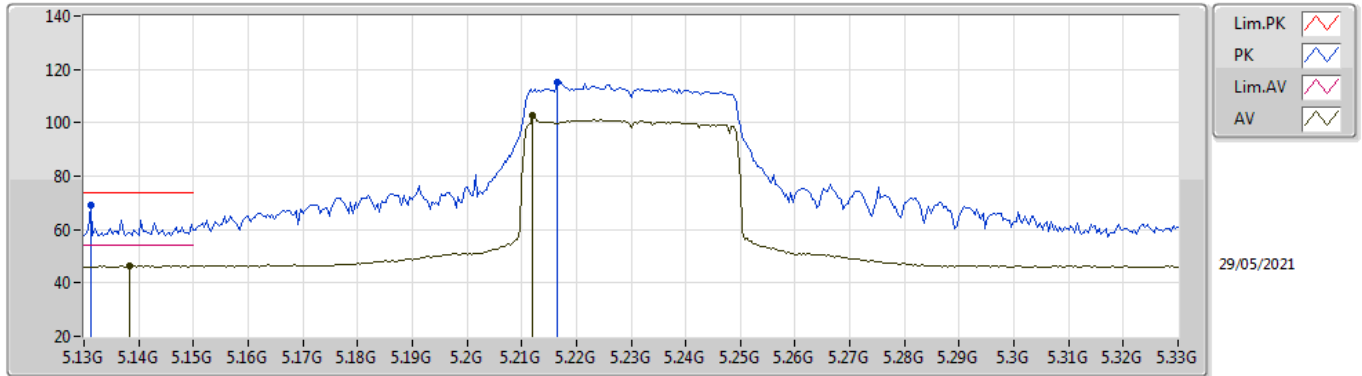
## 5230MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.1496G      | 47.22             | 54.00             | -6.78          | 5.15           | 3           | Vertical  | 210            | 1.46          | -       | 42.07         | 34.60      | 5.47       | 34.92      |
| AV   | 5.2208G      | 106.87            | Inf               | -Inf           | 5.28           | 3           | Vertical  | 210            | 1.46          | -       | 101.59        | 34.66      | 5.52       | 34.90      |
| PK   | 5.1432G      | 63.17             | 74.00             | -10.83         | 5.12           | 3           | Vertical  | 210            | 1.46          | -       | 58.05         | 34.57      | 5.47       | 34.92      |
| PK   | 5.2208G      | 117.49            | Inf               | -Inf           | 5.28           | 3           | Vertical  | 210            | 1.46          | -       | 112.21        | 34.66      | 5.52       | 34.90      |

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

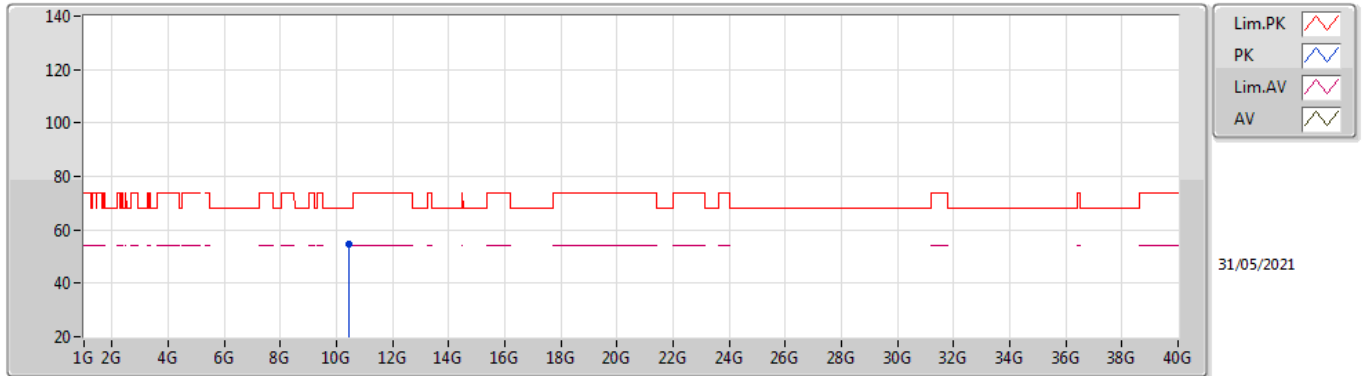
## 5230MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1384G | 46.41    | 54.00    | -7.59  | 5.10   | 3    | Horizontal | 126     | 1.50   | -       | 41.31  | 34.55 | 5.47 | 34.92 |
| AV   | 5.212G  | 102.68   | Inf      | -Inf   | 5.28   | 3    | Horizontal | 126     | 1.50   | -       | 97.40  | 34.68 | 5.51 | 34.91 |
| PK   | 5.1312G | 69.16    | 74.00    | -4.84  | 5.07   | 3    | Horizontal | 126     | 1.50   | -       | 64.09  | 34.52 | 5.47 | 34.92 |
| PK   | 5.2164G | 115.18   | Inf      | -Inf   | 5.28   | 3    | Horizontal | 126     | 1.50   | -       | 109.90 | 34.67 | 5.52 | 34.91 |

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

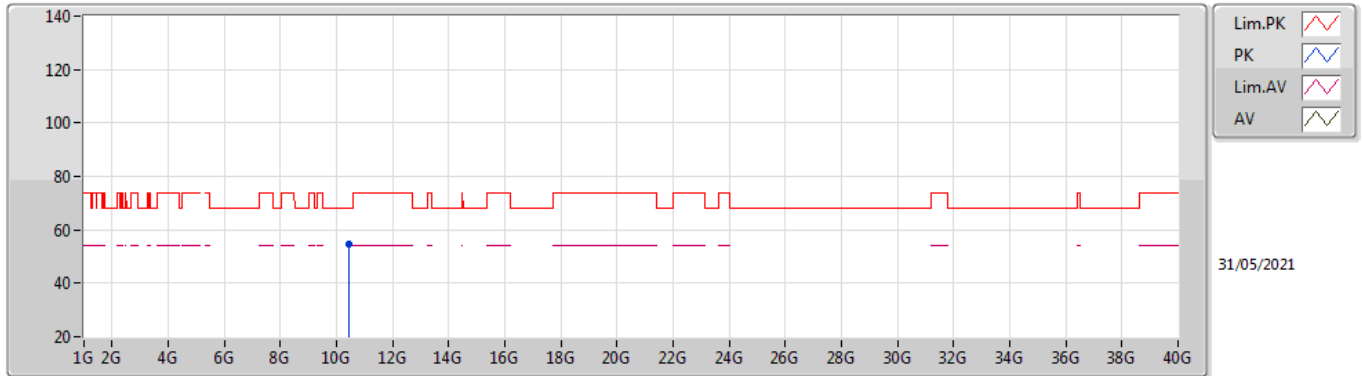
## 5230MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.45993G    | 54.48             | 68.20             | -13.72         | 12.16          | 3           | Vertical  | 360            | 2.55          | -       | 42.32         | 39.32      | 7.96       | 35.12      |

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

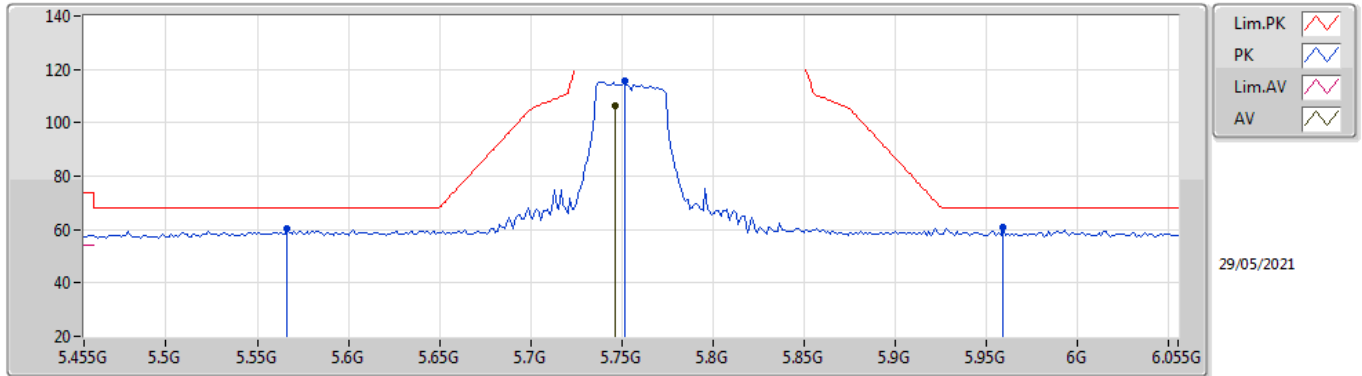
## 5230MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.46093G | 54.49    | 68.20    | -13.71 | 12.16  | 3    | Horizontal | 334     | 1.50   | -       | 42.33  | 39.32 | 7.96 | 35.12 |

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

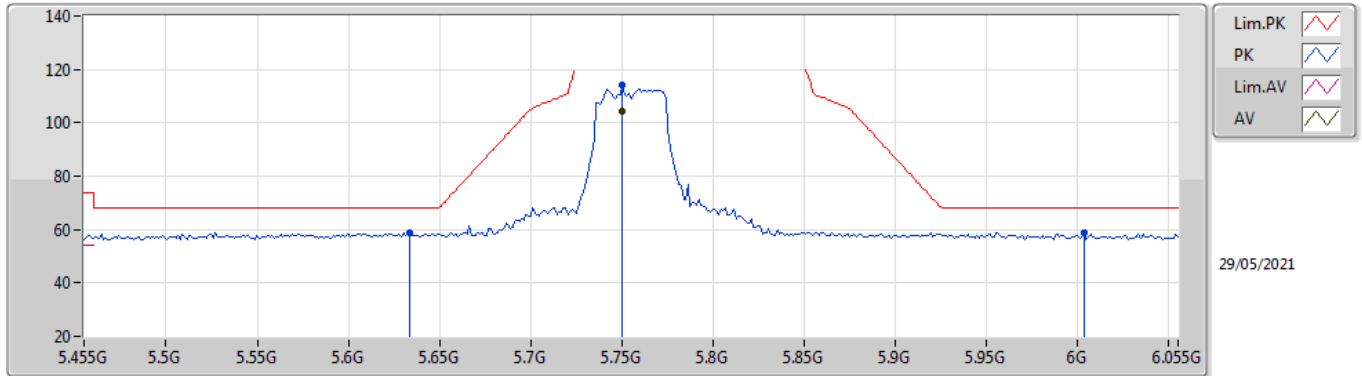
## 5755MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7466G      | 106.14            | Inf               | -Inf           | 4.87           | 3           | Vertical  | 161            | 2.04          | -       | 101.27        | 34.00      | 5.80       | 34.93      |
| PK   | 5.5666G      | 60.09             | 68.20             | -8.11          | 5.13           | 3           | Vertical  | 161            | 2.04          | -       | 54.96         | 34.23      | 5.78       | 34.88      |
| PK   | 5.7514G      | 115.93            | Inf               | -Inf           | 4.86           | 3           | Vertical  | 161            | 2.04          | -       | 111.07        | 34.00      | 5.80       | 34.94      |
| PK   | 5.959G       | 60.95             | 68.20             | -7.25          | 5.30           | 3           | Vertical  | 161            | 2.04          | -       | 55.65         | 34.42      | 5.88       | 35.00      |

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

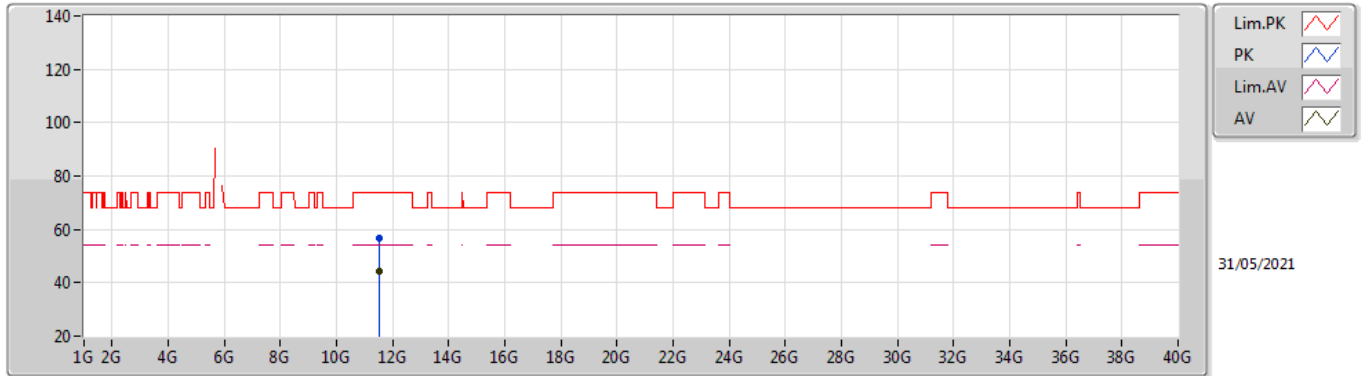
## 5755MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7502G | 104.39   | Inf      | -Inf   | 4.86   | 3    | Horizontal | 47      | 1.86   | -       | 99.53  | 34.00 | 5.80 | 34.94 |
| PK   | 5.6338G | 59.02    | 68.20    | -9.18  | 5.00   | 3    | Horizontal | 47      | 1.86   | -       | 54.02  | 34.10 | 5.80 | 34.90 |
| PK   | 5.7502G | 114.02   | Inf      | -Inf   | 4.86   | 3    | Horizontal | 47      | 1.86   | -       | 109.16 | 34.00 | 5.80 | 34.94 |
| PK   | 6.0034G | 58.89    | 68.20    | -9.31  | 5.39   | 3    | Horizontal | 47      | 1.86   | -       | 53.50  | 34.50 | 5.90 | 35.01 |

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

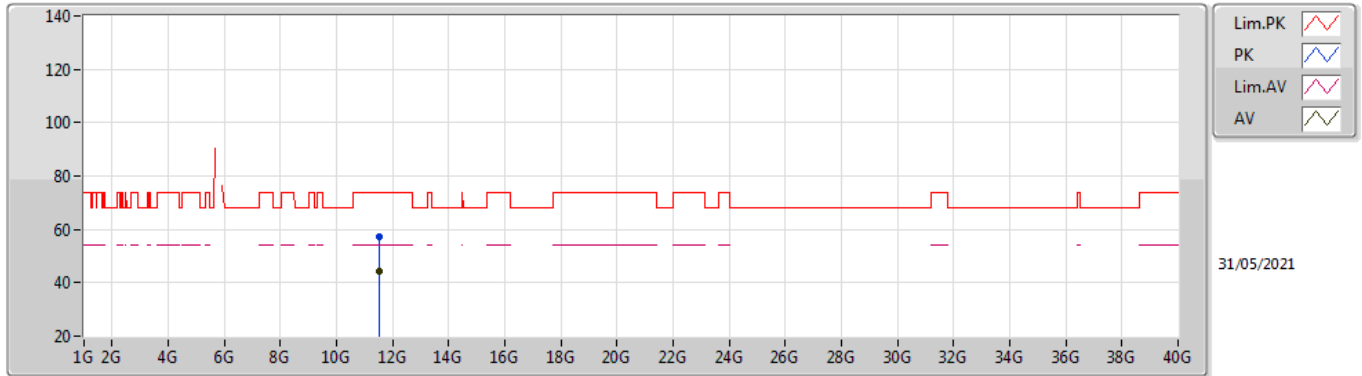
## 5755MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.51202G | 44.24    | 54.00    | -9.76  | 15.63  | 3    | Vertical  | 349     | 1.52   | -       | 28.61  | 42.04 | 8.33 | 34.74 |
| PK   | 11.51135G | 56.77    | 74.00    | -17.23 | 15.62  | 3    | Vertical  | 349     | 1.52   | -       | 41.15  | 42.03 | 8.33 | 34.74 |

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

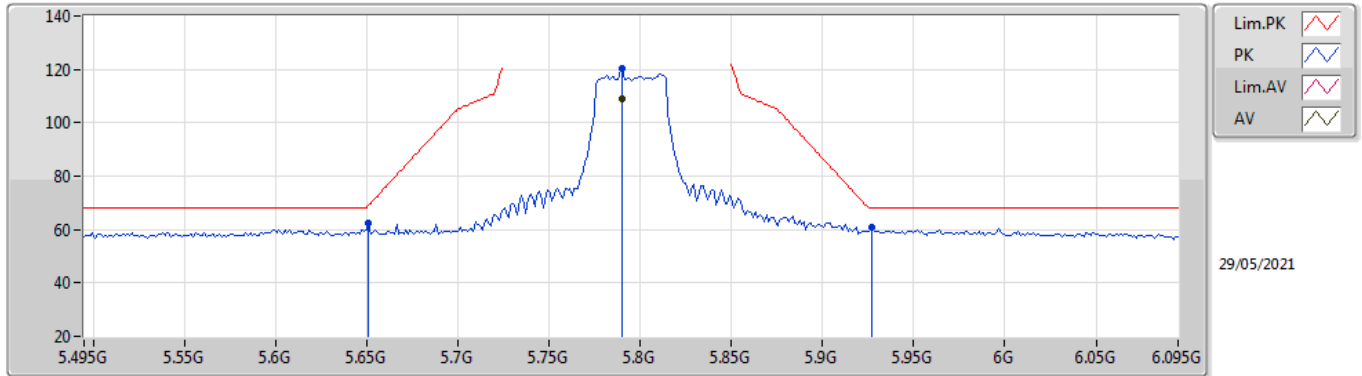
## 5755MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.51026G    | 44.30             | 54.00             | -9.70          | 15.62          | 3           | Horizontal | 1              | 1.48          | -       | 28.68         | 42.03      | 8.33       | 34.74      |
| PK   | 11.51236G    | 57.38             | 74.00             | -16.62         | 15.63          | 3           | Horizontal | 1              | 1.48          | -       | 41.75         | 42.04      | 8.33       | 34.74      |

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

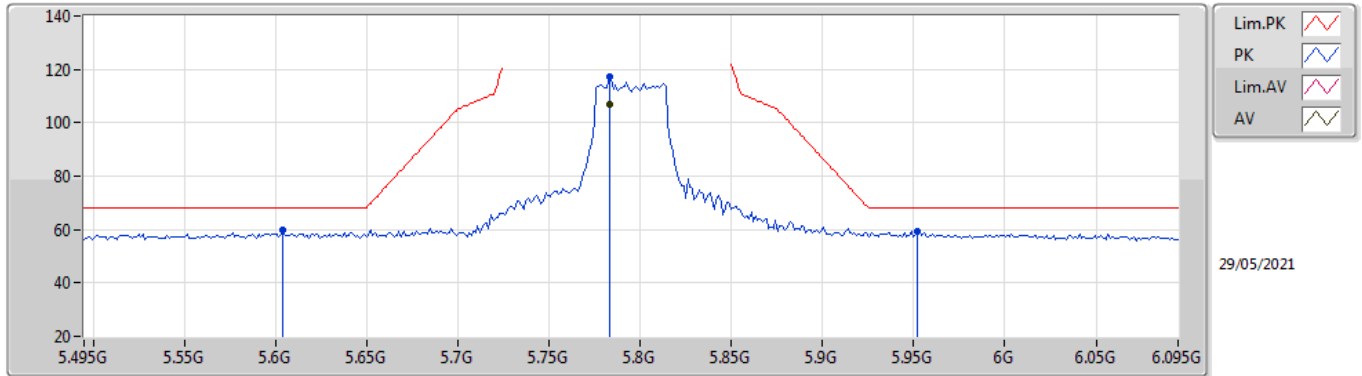
## 5795MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7902G | 109.18   | Inf      | -Inf   | 4.93   | 3    | Vertical  | 193     | 1.92   | -       | 104.25 | 34.08 | 5.80 | 34.95 |
| PK   | 5.651G  | 62.29    | 68.94    | -6.65  | 4.99   | 3    | Vertical  | 193     | 1.92   | -       | 57.30  | 34.10 | 5.80 | 34.91 |
| PK   | 5.7902G | 120.17   | Inf      | -Inf   | 4.93   | 3    | Vertical  | 193     | 1.92   | -       | 115.24 | 34.08 | 5.80 | 34.95 |
| PK   | 5.927G  | 60.85    | 68.20    | -7.35  | 5.27   | 3    | Vertical  | 193     | 1.92   | -       | 55.58  | 34.40 | 5.86 | 34.99 |

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

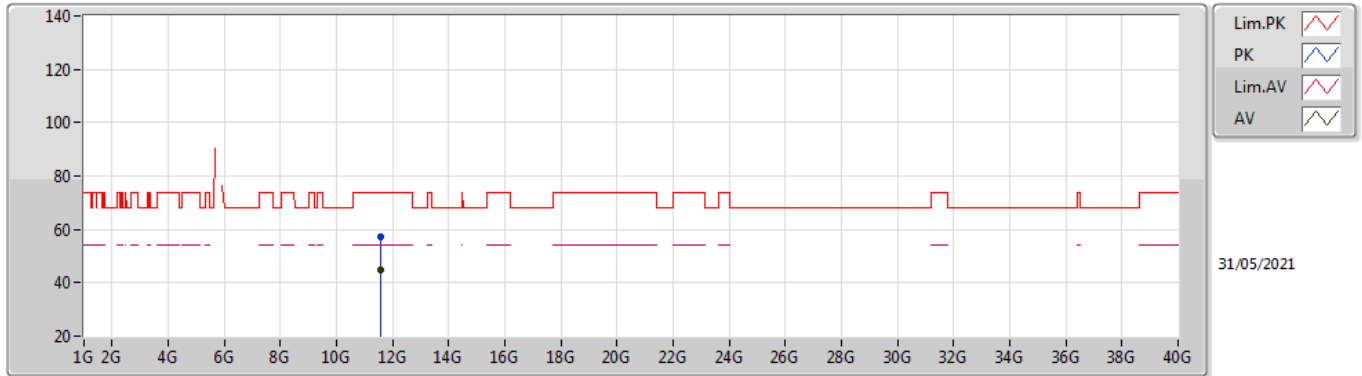
## 5795MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.783G       | 107.07            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 304            | 1.92          | -       | 102.14        | 34.07      | 5.80       | 34.94      |
| PK   | 5.6042G      | 59.57             | 68.20             | -8.63          | 5.01           | 3           | Horizontal | 304            | 1.92          | -       | 54.56         | 34.10      | 5.80       | 34.89      |
| PK   | 5.783G       | 117.43            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 304            | 1.92          | -       | 112.50        | 34.07      | 5.80       | 34.94      |
| PK   | 5.9522G      | 59.24             | 68.20             | -8.96          | 5.28           | 3           | Horizontal | 304            | 1.92          | -       | 53.96         | 34.40      | 5.88       | 35.00      |

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

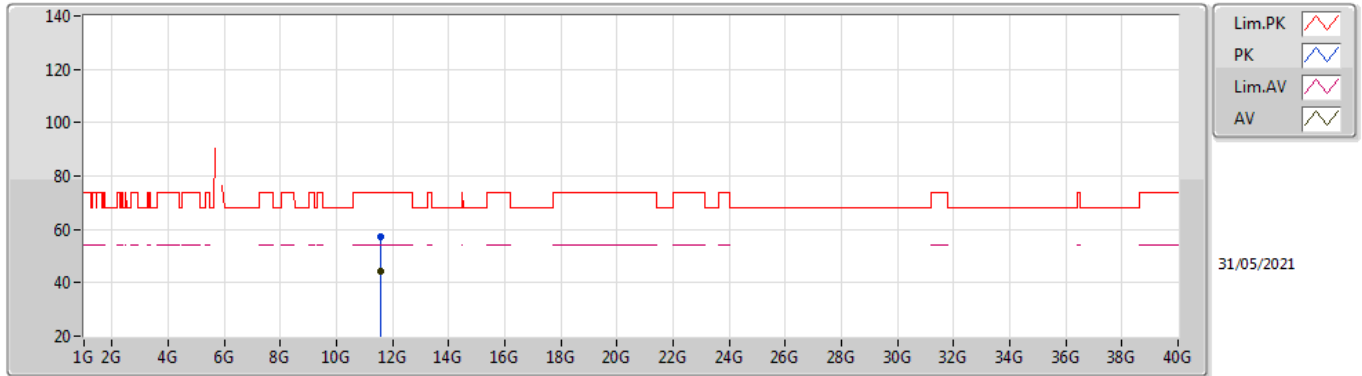
## 5795MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.59009G | 44.63    | 54.00    | -9.37  | 15.87  | 3    | Vertical  | 10      | 1.50   | -       | 28.76  | 42.27 | 8.36 | 34.76 |
| PK   | 11.58774G | 57.45    | 74.00    | -16.55 | 15.86  | 3    | Vertical  | 10      | 1.50   | -       | 41.59  | 42.26 | 8.36 | 34.76 |

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

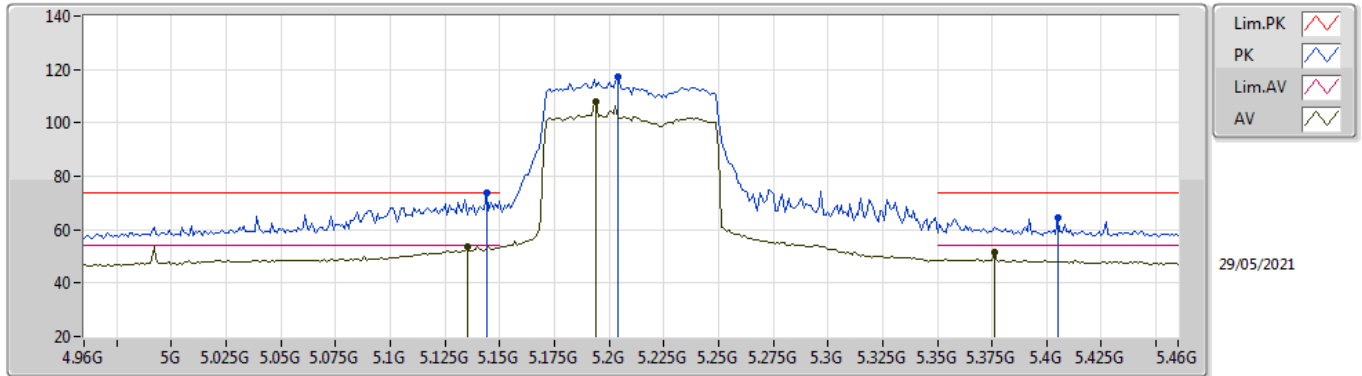
## 5795MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.5899G | 44.45    | 54.00    | -9.55  | 15.87  | 3    | Horizontal | 0       | 1.43   | -       | 28.58  | 42.27 | 8.36 | 34.76 |
| PK   | 11.5895G | 57.46    | 74.00    | -16.54 | 15.87  | 3    | Horizontal | 0       | 1.43   | -       | 41.59  | 42.27 | 8.36 | 34.76 |

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

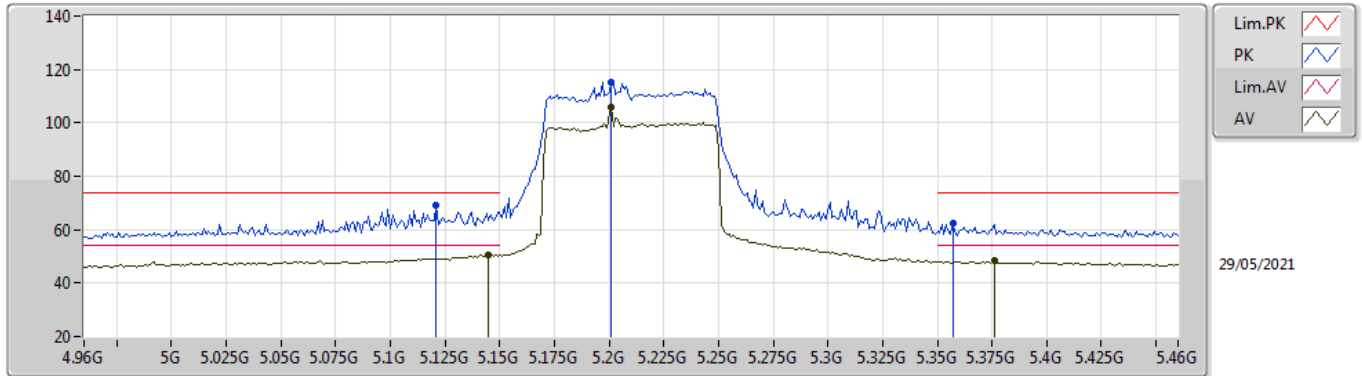
## 5210MHz\_TX



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.135G | 53.66    | 54.00    | -0.34  | 5.09   | 3    | Vertical  | 207     | 1.81   | -       | 48.57  | 34.54 | 5.47 | 34.92 |
| AV   | 5.194G | 108.11   | Inf      | -Inf   | 5.28   | 3    | Vertical  | 207     | 1.81   | -       | 102.83 | 34.69 | 5.50 | 34.91 |
| AV   | 5.376G | 51.67    | 54.00    | -2.33  | 5.40   | 3    | Vertical  | 207     | 1.81   | -       | 46.27  | 34.60 | 5.68 | 34.88 |
| PK   | 5.144G | 73.62    | 74.00    | -0.38  | 5.13   | 3    | Vertical  | 207     | 1.81   | -       | 68.49  | 34.58 | 5.47 | 34.92 |
| PK   | 5.204G | 117.46   | Inf      | -Inf   | 5.28   | 3    | Vertical  | 207     | 1.81   | -       | 112.18 | 34.69 | 5.50 | 34.91 |
| PK   | 5.405G | 64.41    | 74.00    | -9.59  | 5.40   | 3    | Vertical  | 207     | 1.81   | -       | 59.01  | 34.58 | 5.70 | 34.88 |

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

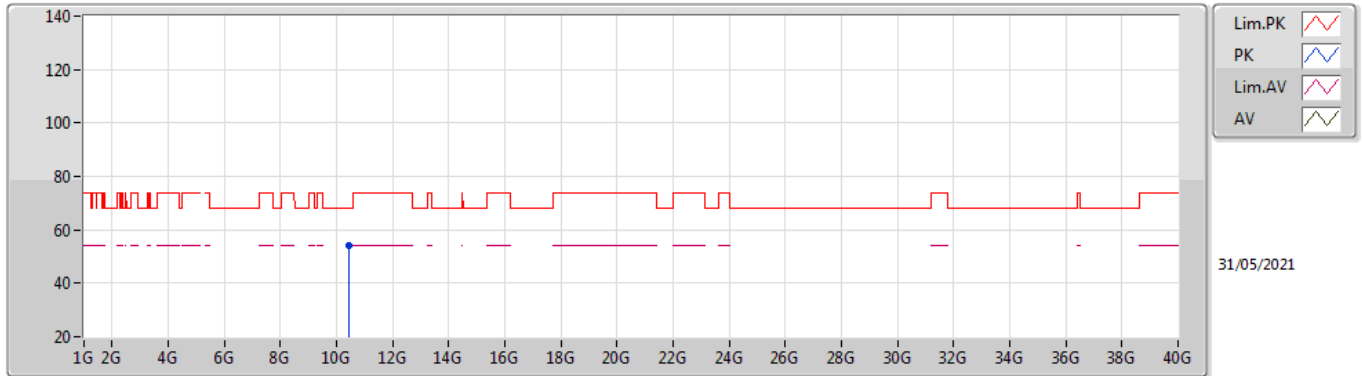
## 5210MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.145G       | 50.61             | 54.00             | -3.39          | 5.13           | 3           | Horizontal | 24             | 1.62          | -       | 45.48         | 34.58      | 5.47       | 34.92      |
| AV   | 5.201G       | 105.83            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 24             | 1.62          | -       | 100.54        | 34.70      | 5.50       | 34.91      |
| AV   | 5.376G       | 48.55             | 54.00             | -5.45          | 5.40           | 3           | Horizontal | 24             | 1.62          | -       | 43.15         | 34.60      | 5.68       | 34.88      |
| PK   | 5.121G       | 68.93             | 74.00             | -5.07          | 5.02           | 3           | Horizontal | 24             | 1.62          | -       | 63.91         | 34.48      | 5.46       | 34.92      |
| PK   | 5.201G       | 115.28            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 24             | 1.62          | -       | 109.99        | 34.70      | 5.50       | 34.91      |
| PK   | 5.357G       | 62.28             | 74.00             | -11.72         | 5.38           | 3           | Horizontal | 24             | 1.62          | -       | 56.90         | 34.60      | 5.66       | 34.88      |

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

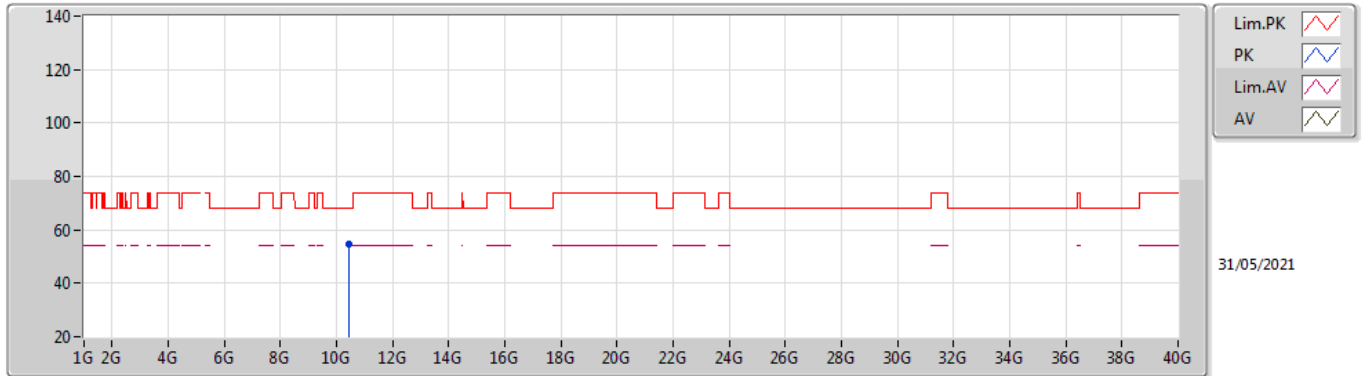
## 5210MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.42023G | 53.97    | 68.20    | -14.23 | 12.02  | 3    | Vertical  | 0       | 1.50   | -       | 41.95  | 39.24 | 7.95 | 35.17 |

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

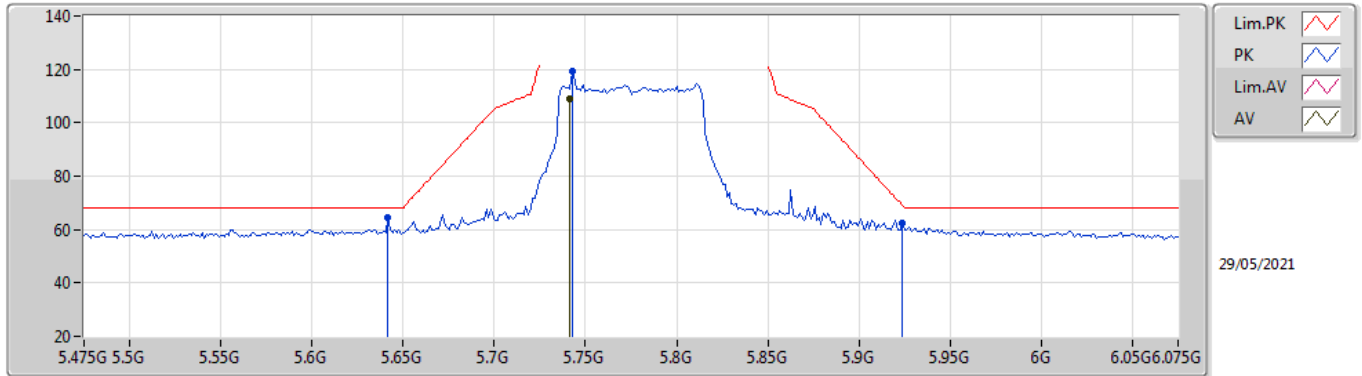
## 5210MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 10.42013G | 54.71    | 68.20    | -13.49 | 12.02  | 3    | Horizontal | 337     | 1.50   | -       | 42.69  | 39.24 | 7.95 | 35.17 |

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

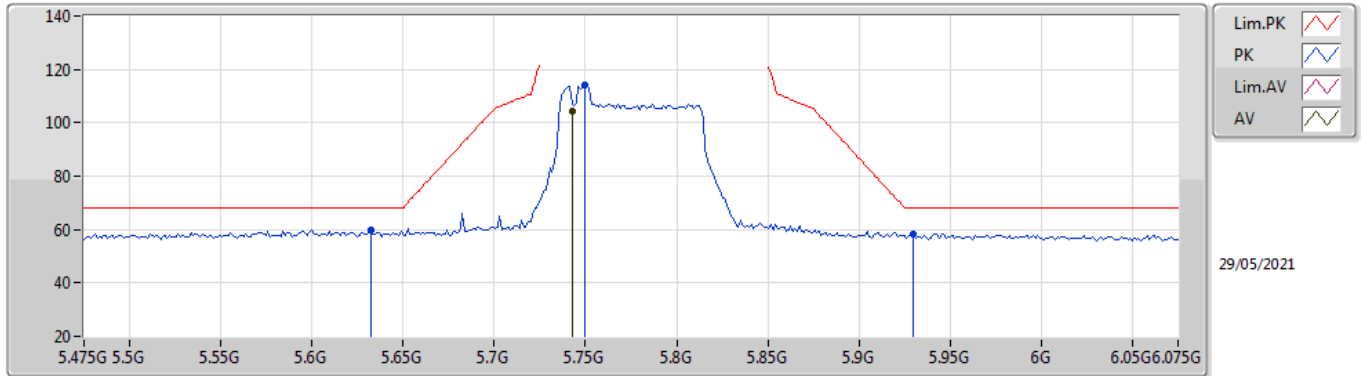
## 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7414G      | 108.87            | Inf               | -Inf           | 4.87           | 3           | Vertical  | 190            | 1.88          | -       | 104.00        | 34.00      | 5.80       | 34.93      |
| PK   | 5.6418G      | 64.58             | 68.20             | -3.62          | 5.00           | 3           | Vertical  | 190            | 1.88          | -       | 59.58         | 34.10      | 5.80       | 34.90      |
| PK   | 5.7426G      | 119.26            | Inf               | -Inf           | 4.87           | 3           | Vertical  | 190            | 1.88          | -       | 114.39        | 34.00      | 5.80       | 34.93      |
| PK   | 5.9238G      | 62.29             | 69.09             | -6.80          | 5.27           | 3           | Vertical  | 190            | 1.88          | -       | 57.02         | 34.40      | 5.86       | 34.99      |

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

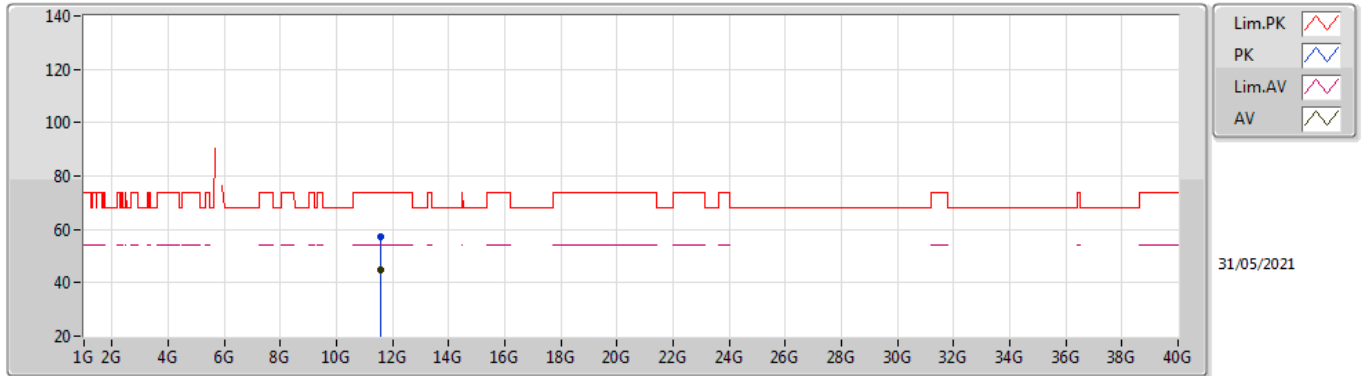
## 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7426G      | 104.23            | Inf               | -Inf           | 4.87           | 3           | Horizontal | 179            | 1.50          | -       | 99.36         | 34.00      | 5.80       | 34.93      |
| PK   | 5.6322G      | 59.63             | 68.20             | -8.57          | 5.00           | 3           | Horizontal | 179            | 1.50          | -       | 54.63         | 34.10      | 5.80       | 34.90      |
| PK   | 5.7498G      | 114.20            | Inf               | -Inf           | 4.87           | 3           | Horizontal | 179            | 1.50          | -       | 109.33        | 34.00      | 5.80       | 34.93      |
| PK   | 5.9298G      | 58.29             | 68.20             | -9.91          | 5.27           | 3           | Horizontal | 179            | 1.50          | -       | 53.02         | 34.40      | 5.86       | 34.99      |

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

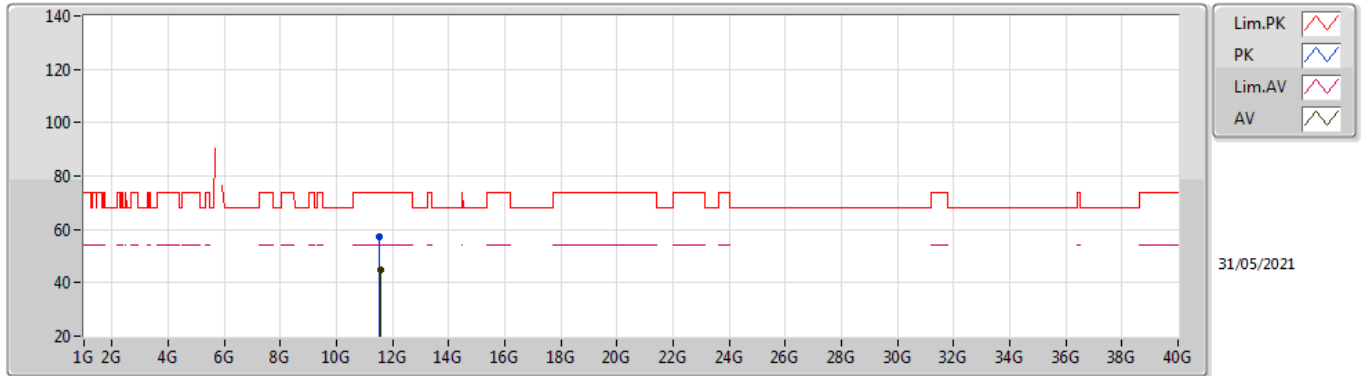
## 5775MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.5498G  | 44.97    | 54.00    | -9.03  | 15.74  | 3    | Vertical  | 360     | 2.20   | -       | 29.23  | 42.15 | 8.34 | 34.75 |
| PK   | 11.54977G | 57.49    | 74.00    | -16.51 | 15.74  | 3    | Vertical  | 360     | 2.20   | -       | 41.75  | 42.15 | 8.34 | 34.75 |

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

## 5775MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 11.54987G | 44.92    | 54.00    | -9.08  | 15.74  | 3    | Horizontal | 94      | 1.50   | -       | 29.18  | 42.15 | 8.34 | 34.75 |
| PK   | 11.5491G  | 57.01    | 74.00    | -16.99 | 15.74  | 3    | Horizontal | 94      | 1.50   | -       | 41.27  | 42.15 | 8.34 | 34.75 |