



# RADIO TEST REPORT

FCC ID : 2AYRA-08330  
Equipment : Velop AX3000 WiFi 6 System  
Brand Name : LINKSYS  
Model Name : MX2000, MX20EC, MX20MS, MX20WH  
Applicant : Linksys USA, Inc.  
12045 East Waterfront Drive  
Playa Vista, CA 90094, United States.  
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 13, 2021, and testing was started from Jul. 13, 2021 and completed on Sep. 09, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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



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TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB-A12\_1 Ver1.4



## Summary of Test Result

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

**Declaration of Conformity:**

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

**Comments and Explanations:**

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

**Reviewed by:** Sam Chen

**Report Producer:** Wendy Pan

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11                       | Ch. Frequency (MHz) | Channel Number |
|-----------------------|----------------------------------------|---------------------|----------------|
| 5150-5250             | a, n (HT20), ac (VHT20),<br>ax (HEW20) | 5180-5240           | 36-48 [4]      |
| 5250-5350             |                                        | 5260-5320           | 52-64 [4]      |
| 5470-5725             |                                        | 5500-5700           | 100-140 [11]   |
| 5725-5850             |                                        | 5745-5825           | 149-165 [5]    |
| 5150-5250             | n (HT40), ac (VHT40),<br>ax (HEW40)    | 5190-5230           | 38-46 [2]      |
| 5250-5350             |                                        | 5270-5310           | 54-62 [2]      |
| 5470-5725             |                                        | 5510-5670           | 102-134 [5]    |
| 5725-5850             |                                        | 5755-5795           | 151-159 [2]    |
| 5150-5250             | ac (VHT80), ax (HEW80)                 | 5210                | 42 [1]         |
| 5250-5350             |                                        | 5290                | 58 [1]         |
| 5470-5725             |                                        | 5530-5610           | 106-122 [2]    |
| 5725-5850             |                                        | 5775                | 155 [1]        |
| 5150-5350             | ac (VHT160),<br>ax (HEW160)            | 5250                | 50 [1]         |
| 5470-5725             |                                        | 5570                | 114 [1]        |



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



|               |                    |     |     |
|---------------|--------------------|-----|-----|
| 5.47-5.725GHz | 802.11a            | 20  | 2TX |
| 5.47-5.725GHz | 802.11n HT20       | 20  | 2TX |
| 5.47-5.725GHz | 802.11n HT20-BF    | 20  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT20     | 20  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT20-BF  | 20  | 2TX |
| 5.47-5.725GHz | 802.11ax HEW20     | 20  | 2TX |
| 5.47-5.725GHz | 802.11ax HEW20-BF  | 20  | 2TX |
| 5.47-5.725GHz | 802.11n HT40       | 40  | 2TX |
| 5.47-5.725GHz | 802.11n HT40-BF    | 40  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT40     | 40  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT40-BF  | 40  | 2TX |
| 5.47-5.725GHz | 802.11ax HEW40     | 40  | 2TX |
| 5.47-5.725GHz | 802.11ax HEW40-BF  | 40  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT80     | 80  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT80-BF  | 80  | 2TX |
| 5.47-5.725GHz | 802.11ax HEW80     | 80  | 2TX |
| 5.47-5.725GHz | 802.11ax HEW80-BF  | 80  | 2TX |
| 5.47-5.725GHz | 802.11ac VHT160    | 160 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT160-BF | 160 | 2TX |
| 5.47-5.725GHz | 802.11ax HEW160    | 160 | 2TX |
| 5.47-5.725GHz | 802.11ax HEW160-BF | 160 | 2TX |
| 5.725-5.85GHz | 802.11a            | 20  | 2TX |
| 5.725-5.85GHz | 802.11n HT20       | 20  | 2TX |
| 5.725-5.85GHz | 802.11n HT20-BF    | 20  | 2TX |
| 5.725-5.85GHz | 802.11ac VHT20     | 20  | 2TX |
| 5.725-5.85GHz | 802.11ac VHT20-BF  | 20  | 2TX |
| 5.725-5.85GHz | 802.11ax HEW20     | 20  | 2TX |
| 5.725-5.85GHz | 802.11ax HEW20-BF  | 20  | 2TX |
| 5.725-5.85GHz | 802.11n HT40       | 40  | 2TX |
| 5.725-5.85GHz | 802.11n HT40-BF    | 40  | 2TX |
| 5.725-5.85GHz | 802.11ac VHT40     | 40  | 2TX |
| 5.725-5.85GHz | 802.11ac VHT40-BF  | 40  | 2TX |
| 5.725-5.85GHz | 802.11ax HEW40     | 40  | 2TX |
| 5.725-5.85GHz | 802.11ax HEW40-BF  | 40  | 2TX |
| 5.725-5.85GHz | 802.11ac VHT80     | 80  | 2TX |
| 5.725-5.85GHz | 802.11ac VHT80-BF  | 80  | 2TX |
| 5.725-5.85GHz | 802.11ax HEW80     | 80  | 2TX |

**Note:**

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

### 1.1.2 Antenna Information

| Ant. | Port   |      |           | Brand      | Model Name       | Antenna Type | Connector | Gain (dBi) |
|------|--------|------|-----------|------------|------------------|--------------|-----------|------------|
|      | 2.4GHz | 5GHz | Bluetooth |            |                  |              |           |            |
| 1    | 1      | 1    | -         | Galtronics | 02102140-07575-1 | PCB          | I-PEX     | Note1      |
| 2    | 2      | 2    | -         | Galtronics | 02102140-07575-2 | PCB          | I-PEX     |            |
| 3    | -      | -    | 1         | Galtronics | 02036073-07315   | Metal        | N/A       |            |

Note1:

| Ant. | Port   |      |           | Antenna Gain (dBi) |             |              |              |             |             |           |
|------|--------|------|-----------|--------------------|-------------|--------------|--------------|-------------|-------------|-----------|
|      | 2.4GHz | 5GHz | Bluetooth | 2.4GHz             | 5GHz UNII-1 | 5GHz UNII-2A | 5GHz UNII-2C | 5GHz UNII-3 | 5GHz UNII-4 | Bluetooth |
| 1    | 1      | 1    | -         | 2.12               | 2.51        | 2.64         | 3.58         | 3.67        | 3.81        | -         |
| 2    | 2      | 2    | -         | 2.67               | 3.26        | 3.20         | 2.95         | 3.01        | 3.17        | -         |
| 3    | -      | -    | 1         | -                  | -           | -            | -            | -           | -           | 5.3       |

Note2: The above information was declared by manufacturer.

**For 2.4GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

**For 5GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

**For Bluetooth Function:**

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

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

Note3: Directional gain information

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

Ex.

Directional gain(NSS1) formula :

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

$$Nss1(g1,1) = 10^{G1/20} ; Nss1(g1,2) = 10^{G2/20} ; g_{j,k} = (Nss1(g1,1) + Nss1(g1,2))^2$$

$$DG = 10 \log[(Nss1(g1,1) + Nss1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

$$2.4GHz DG = 10 \log[(10^{2.12/20} + 10^{2.67/20})^2 / N_{ANT}] = 5.41 \text{ dBi}$$

$$5 \text{ GHz Band1 DG} = 10 \log[(10^{2.51/20} + 10^{3.26/20})^2 / N_{ANT}] = 5.9 \text{ dBi}$$

$$5 \text{ GHz Band2 DG} = 10 \log[(10^{2.64/20} + 10^{3.2/20})^2 / N_{ANT}] = 5.93 \text{ dBi}$$

$$5 \text{ GHz Band3 DG} = 10 \log[(10^{3.58/20} + 10^{2.95/20})^2 / N_{ANT}] = 6.28 \text{ dBi}$$

$$5 \text{ GHz Band4 DG} = 10 \log[(10^{3.67/20} + 10^{3.01/20})^2 / N_{ANT}] = 6.36 \text{ dBi}$$

$$5.9 \text{ GHz DG} = 10 \log[(10^{3.81/20} + 10^{3.17/20})^2 / N_{ANT}] = 6.51 \text{ dBi}$$

### 1.1.3 Mode Test Duty Cycle

| Mode               | DC    | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|--------------------|-------|---------|--------|---------------|
| 802.11a            | 0.939 | 0.27    | 1.977m | 1k            |
| 802.11ax HEW20-BF  | 0.92  | 0.36    | 1.781m | 1k            |
| 802.11ax HEW40-BF  | 0.92  | 0.36    | 1.781m | 1k            |
| 802.11ax HEW80-BF  | 0.921 | 0.36    | 1.861m | 1k            |
| 802.11ax HEW160-BF | 0.947 | 0.24    | 1.961m | 1k            |

Note:

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

### 1.1.4 EUT Operational Condition

|                              |                                                                                  |                   |                                     |                      |
|------------------------------|----------------------------------------------------------------------------------|-------------------|-------------------------------------|----------------------|
| <b>EUT Power Type</b>        | From Adapter                                                                     |                   |                                     |                      |
| <b>Beamforming Function</b>  | <input checked="" type="checkbox"/>                                              | With beamforming  | <input type="checkbox"/>            | Without beamforming  |
|                              | The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. |                   |                                     |                      |
| <b>Weather Band</b>          | <input checked="" type="checkbox"/>                                              | With 5600~5650MHz | <input type="checkbox"/>            | Without 5600~5650MHz |
| <b>Function</b>              | <input type="checkbox"/>                                                         | Outdoor P2M       | <input checked="" type="checkbox"/> | Indoor P2M           |
|                              | <input type="checkbox"/>                                                         | Fixed P2P         | <input type="checkbox"/>            | Client               |
| <b>TPC Function</b>          | <input checked="" type="checkbox"/>                                              | With TPC          | <input type="checkbox"/>            | Without TPC          |
| <b>Test Software Version</b> | QSPR [ Version 5.0-00199] 、DOS [ver 6.1.7601]                                    |                   |                                     |                      |

Note: The above information was declared by manufacturer.

### 1.1.5 Table for Multiple Listing

| Brand   | Model Name | Description                                                                      |
|---------|------------|----------------------------------------------------------------------------------|
| LINKSYS | MX2000     | All the models are identical, the difference model served as marketing strategy. |
|         | MX20EC     |                                                                                  |
|         | MX20MS     |                                                                                  |
|         | MX20WH     |                                                                                  |

Note 1: From the above models, model: MX2000 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



## 1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01
- ♦ FCC KDB 291074 U-NII-4 - 5.9 Band DR01-44460\_Draft

## 1.3 Testing Location Information

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

| Test Condition       | Test Site No. | Test Engineer | Test Environment<br>(°C / %) | Test Date                        |
|----------------------|---------------|---------------|------------------------------|----------------------------------|
| RF Conducted         | TH03-CB       | Serway Lee    | 22.1~23.4 / 59~60            | Jul. 21, 2021~<br>Sep. 07, 2021  |
| Radiated<1GHz        | 03CH03-CB     | Ken Yeh       | 25.2-27.3 / 55-58            | Sep. 09, 2021                    |
| Radiated>1GHz        | 03CH02-CB     | Eason Chen    | 25.8-28.2 / 56-59            | Jul. 13, 2021 ~<br>Aug. 11, 2021 |
|                      | 03CH03-CB     | Eason Chen    | 23.5-24.6 / 55-59            | Jul. 13, 2021 ~<br>Aug. 11, 2021 |
|                      | 03CH04-CB     | Eason Chen    | 24.6-25.7 / 55-58            | Jul. 13, 2021 ~<br>Aug. 11, 2021 |
| Radiated Co-location | 03CH05-CB     | Eason Chen    | 24.4-25.5 / 56-59            | Sep. 03, 2021                    |
| AC Conduction        | CO01-CB       | Ryo Fan       | 23~24 / 56~57                | Sep. 06, 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)  | 2.0 dB      | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz)     | 4.2 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 5.5 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 4.7 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 4.2 dB      | Confidence levels of 95% |
| Conducted Emission                   | 2.5 dB      | Confidence levels of 95% |
| Output Power Measurement             | 1.3 dB      | Confidence levels of 95% |
| Power Density Measurement            | 2.5 dB      | Confidence levels of 95% |
| Bandwidth Measurement                | 0.9%        | Confidence levels of 95% |



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX          | -             |
| 5180MHz                           | 23            |
| 5200MHz                           | 23            |
| 5240MHz                           | 22.5          |
| 5260MHz                           | 17            |
| 5300MHz                           | 17            |
| 5320MHz                           | 17            |
| 5500MHz                           | 17.5          |
| 5580MHz                           | 17.5          |
| 5700MHz                           | 17.5          |
| 5745MHz                           | 25.5          |
| 5785MHz                           | 25.5          |
| 5825MHz                           | 25.5          |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -             |
| 5180MHz                           | 26            |
| 5200MHz                           | 26            |
| 5240MHz                           | 26            |
| 5260MHz                           | 20            |
| 5300MHz                           | 20            |
| 5320MHz                           | 21            |
| 5500MHz                           | 21            |
| 5580MHz                           | 21            |
| 5700MHz                           | 21            |
| 5745MHz                           | 28            |
| 5785MHz                           | 28            |
| 5825MHz                           | 27            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -             |
| 5190MHz                           | 25            |
| 5230MHz                           | 27            |
| 5270MHz                           | 21            |
| 5310MHz                           | 21            |
| 5510MHz                           | 22            |
| 5550MHz                           | 22            |
| 5670MHz                           | 22            |
| 5755MHz                           | 27            |
| 5795MHz                           | 27            |



| Mode                               | Power Setting |
|------------------------------------|---------------|
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | -             |
| 5210MHz                            | 25            |
| 5290MHz                            | 22            |
| 5530MHz                            | 22            |
| 5610MHz                            | 22            |
| 5775MHz                            | 26            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | -             |
| 5250MHz Straddle 5.15-5.25GHz      | 23            |
| 5250MHz Straddle 5.25-5.35GHz      | 23            |
| 5570MHz                            | 22            |

Note1: There are two modes of EUT for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.

Note2: Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.



## 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>                                                         | Normal Link                                                                             |
| 1                                                                             | EUT + Adapter 1 + US plug                                                               |
| 2                                                                             | EUT + Adapter 2                                                                         |
| 3                                                                             | EUT + Adapter 3                                                                         |
| 4                                                                             | EUT + Adapter 4 + US plug                                                               |
| For operating mode 1 is the worst case and it was record in this test report. |                                                                                         |

| The Worst Case Mode for Following Conformance Tests |                                                                      |
|-----------------------------------------------------|----------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Emission Bandwidth<br>Maximum Output Power<br>Power Spectral Density |
| <b>Test Condition</b>                               | Conducted measurement at transmit chains                             |



| <b>The Worst Case Mode for Following Conformance Tests</b>                                                                      |                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                                                                                                 | The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.                                            |
|                                                                                                                                 | CTX                                                                                                                                                                                                                                                 |
| 1                                                                                                                               | EUT in Z axis CTX WLAN 2.4GHz + Adapter 1 + US plug                                                                                                                                                                                                 |
| 2                                                                                                                               | EUT in Z axis CTX WLAN 2.4GHz + Adapter 2                                                                                                                                                                                                           |
| 3                                                                                                                               | EUT in Z axis CTX WLAN 2.4GHz + Adapter 3                                                                                                                                                                                                           |
| 4                                                                                                                               | EUT in Z axis CTX WLAN 2.4GHz + Adapter 4 + US plug                                                                                                                                                                                                 |
| Mode 2 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 ~ 6 will follow this same test mode. |                                                                                                                                                                                                                                                     |
| 5                                                                                                                               | EUT in Z axis CTX Bluetooth + Adapter 2                                                                                                                                                                                                             |
| 6                                                                                                                               | EUT in Z axis CTX WLAN 5GHz + Adapter 2                                                                                                                                                                                                             |
| For operating mode 2 is the worst case and it was record in this test report.                                                   |                                                                                                                                                                                                                                                     |
| <b>Operating Mode &gt; 1GHz</b>                                                                                                 | The EUT was performed at X axis, Y axis and Z axis, and the worst case was found at Z axis. So the measurement will follow this same test configuration.                                                                                            |
|                                                                                                                                 | EUT in Z axis CTX                                                                                                                                                                                                                                   |

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

| <b>The Worst Case Mode for Following Conformance Tests</b>                         |                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Tests Item</b>                                                                  | Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation |
| <b>Operating Mode</b>                                                              |                                                                         |
| 1                                                                                  | WLAN 2.4GHz + WLAN 5GHz + Bluetooth                                     |
| Refer to Sporton Test Report No.: FA171418 for Co-location RF Exposure Evaluation. |                                                                         |



## 2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

## 2.4 Accessories

| Accessories                                                                      |            |                  |                                                                     |
|----------------------------------------------------------------------------------|------------|------------------|---------------------------------------------------------------------|
| Equipment Name                                                                   | Brand Name | Model Name       | Rating                                                              |
| Adapter 1<br>(Removable plug)                                                    | Ktec       | KSA-18W-120150D5 | INPUT: 100-240V~50/60Hz, 0.5A<br>OUTPUT: 12.0V, 1.5A, 18.0W         |
| Adapter 2<br>(Fixed plug)                                                        | Ktec       | KSA-18W-120150VU | INPUT: 100-240V~50/60Hz, 0.5A<br>OUTPUT: 12V, 1.5A                  |
| Adapter 3<br>(Fixed plug)                                                        | APD        | WB-18Q12FU       | INPUT: 100-240V~, 50-60Hz, 0.6A Max.<br>OUTPUT: 12V, 1.5A           |
| Adapter 4<br>(Removable plug)                                                    | APD        | WB-18Q12R        | INPUT: 100-240V~, 50-60Hz, 0.6A, Max.<br>OUTPUT: 12.0V, 1.5A, 18.0W |
| Others                                                                           |            |                  |                                                                     |
| US plug*2 (for adapter 1 and adapter 4 use)<br>RJ-45 cable*1: Non-shielded, 0.9m |            |                  |                                                                     |



## 2.5 Support Equipment

For AC Conduction:

| Support Equipment |           |            |            |        |
|-------------------|-----------|------------|------------|--------|
| No.               | Equipment | Brand Name | Model Name | FCC ID |
| A                 | WAN NB    | DELL       | E6430      | N/A    |
| B                 | LAN NB    | DELL       | E6430      | N/A    |
| C                 | 2.4G NB   | DELL       | E6430      | N/A    |
| D                 | 5G NB     | DELL       | E6430      | N/A    |
| E                 | iPad      | Apple      | A1430      | N/A    |

For Radiated (below 1GHz):

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

For Radiated (above 1GHz) and RF Conducted:

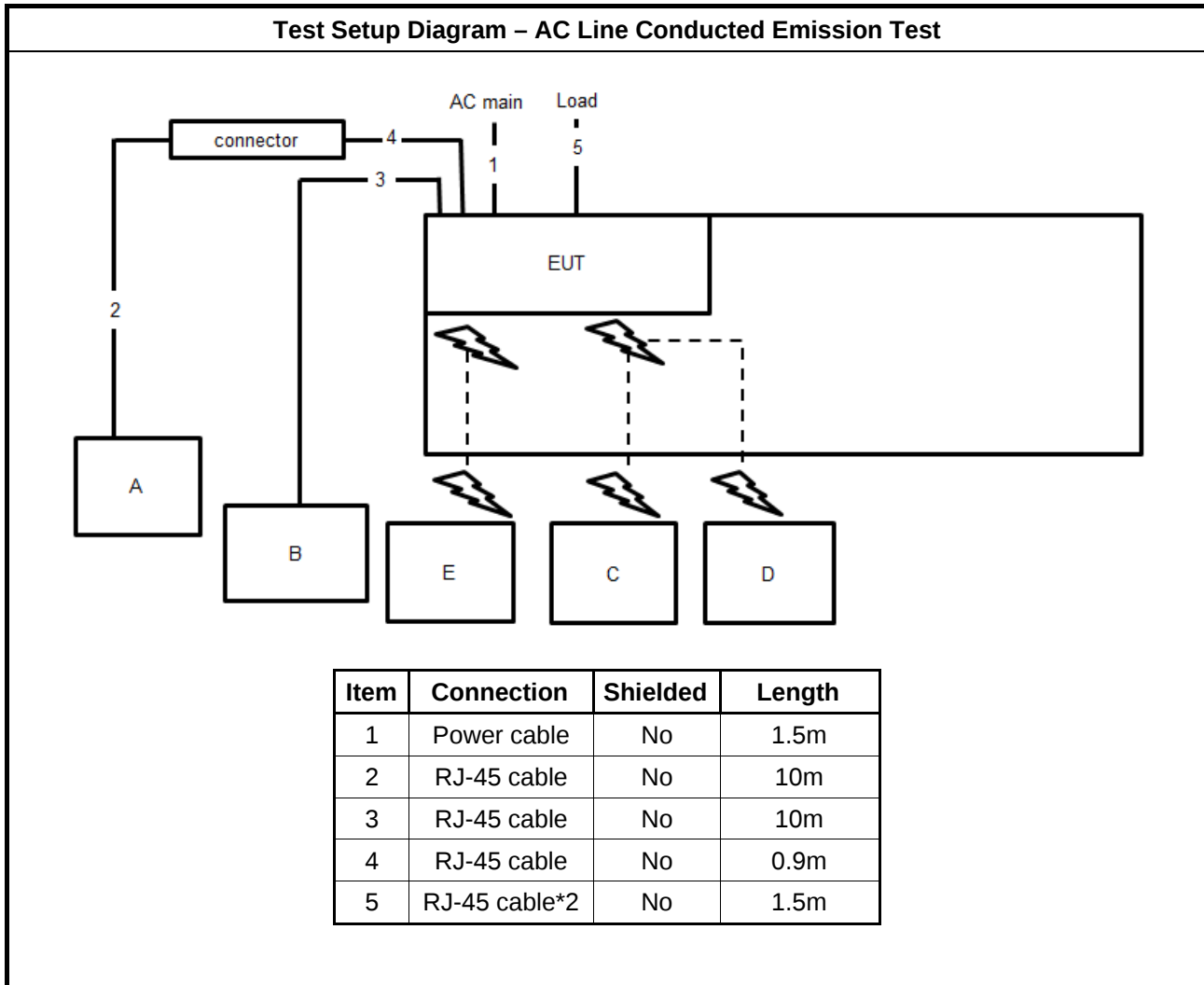
For Non-beamforming mode:

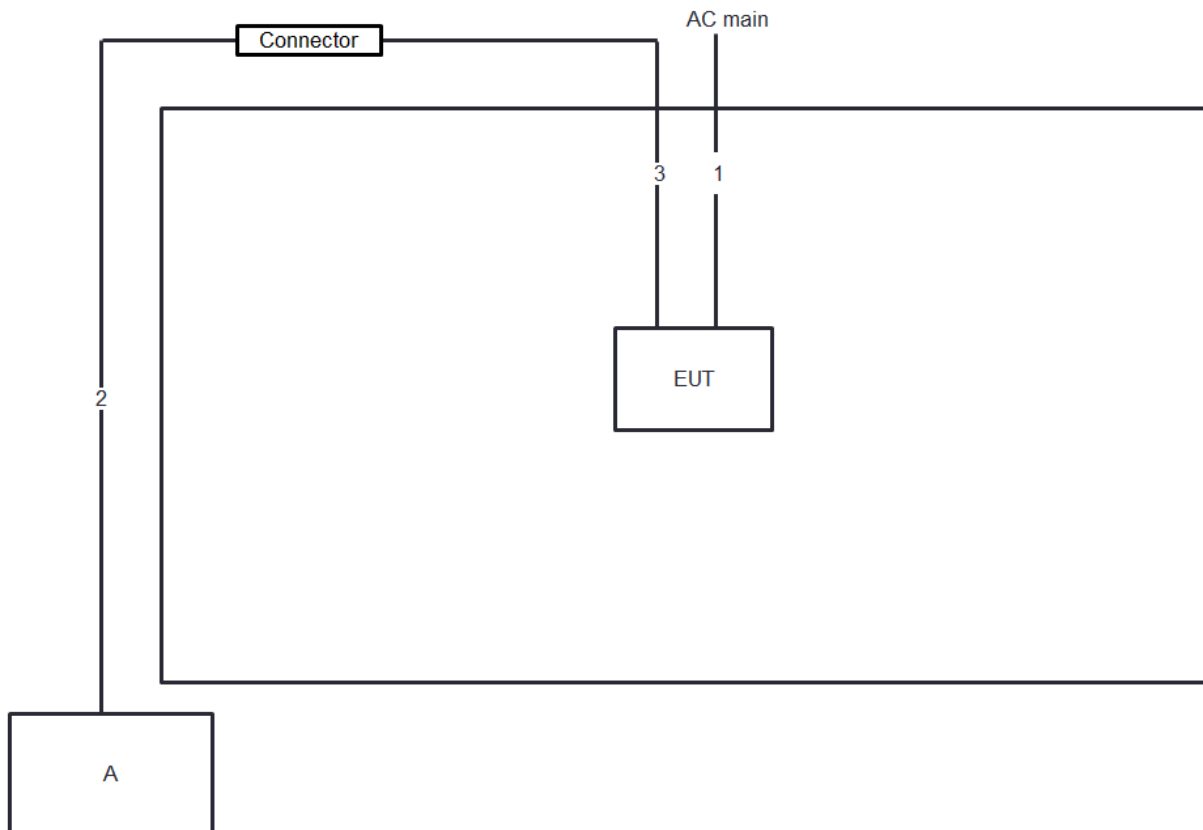
| Support Equipment |           |            |            |        |
|-------------------|-----------|------------|------------|--------|
| No.               | Equipment | Brand Name | Model Name | FCC ID |
| A                 | Notebook  | DELL       | E4300      | N/A    |

For Beamforming mode:

| Support Equipment |           |            |            |             |
|-------------------|-----------|------------|------------|-------------|
| No.               | Equipment | Brand Name | Model Name | FCC ID      |
| A                 | Notebook  | DELL       | E4300      | N/A         |
| B                 | Notebook  | DELL       | E4300      | N/A         |
| C                 | RX Device | LINKSYS    | MX2000     | 2AYRA-08330 |

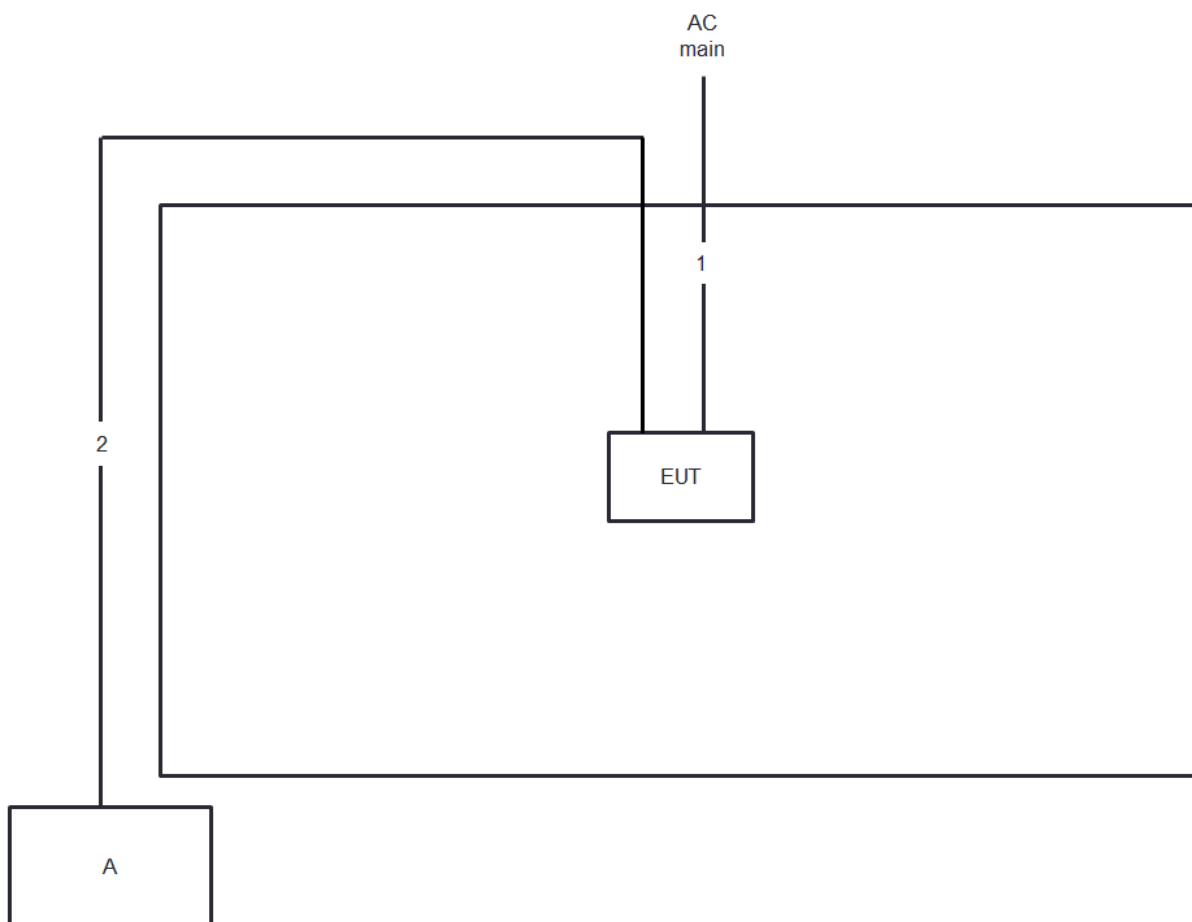
## 2.6 Test Setup Diagram



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


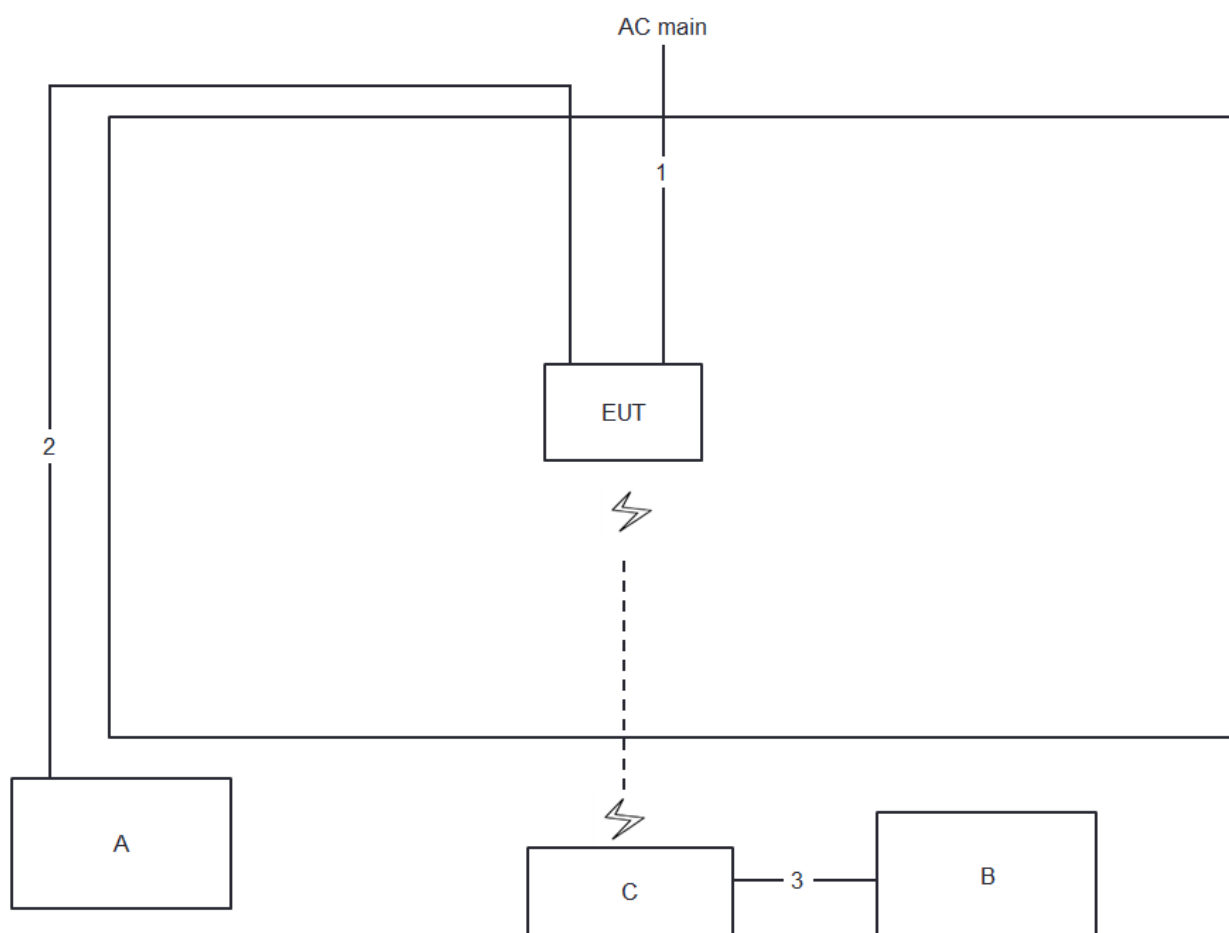
| Item | Connection  | Shielded | Length |
|------|-------------|----------|--------|
| 1    | Power cable | No       | 1.5m   |
| 2    | RJ-45 cable | No       | 10m    |
| 3    | RJ-45 cable | No       | 0.9m   |

**Test Setup Diagram - Radiated Test > 1GHz / Non-beamforming mode**



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

**Test Setup Diagram - Radiated Test > 1GHz / beamforming mode**



| Item | Connection  | Shielded | Length |
|------|-------------|----------|--------|
| 1    | Power cable | No       | 1.5m   |
| 2    | RJ-45 cable | No       | 10m    |
| 3    | RJ-45 cable | No       | 10m    |



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

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

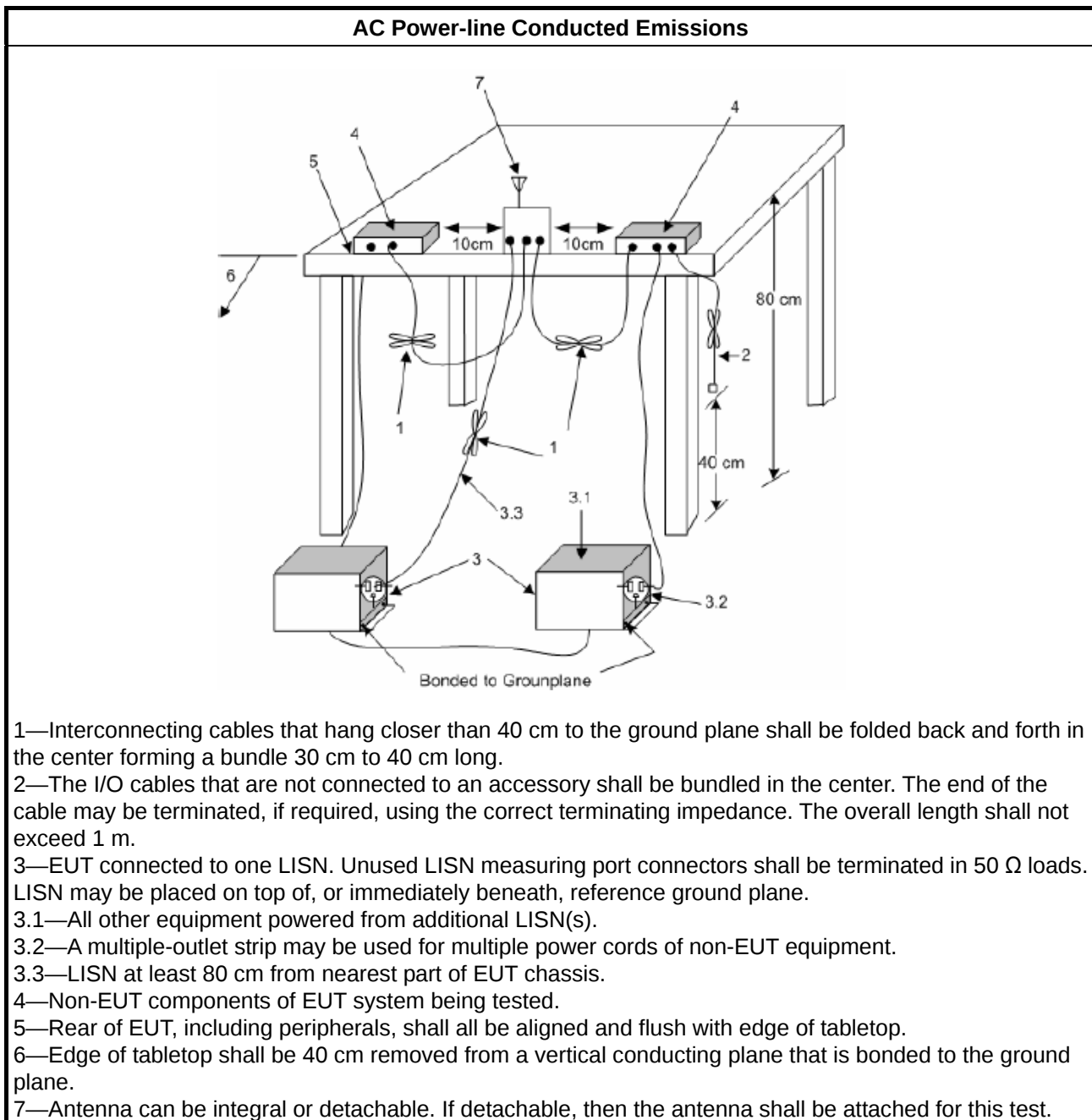
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

### 3.1.4 Test Setup



### 3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

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

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit            |                                                                                                                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                 |                                                                                                                                                                                       |
| <input checked="" type="checkbox"/> | For the 5.15-5.25 GHz band, N/A                                                                                                                                                       |
| <input checked="" type="checkbox"/> | For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.            |
| <input checked="" type="checkbox"/> | For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.           |
| <input checked="" type="checkbox"/> | For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.                                                                                                                   |
| <input type="checkbox"/>            | For the 5.85-5.895 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.                                                                                                                   |
| <b>LE-LAN Devices</b>               |                                                                                                                                                                                       |
| <input type="checkbox"/>            | For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.                      |
| <input type="checkbox"/>            | For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz                        |
| <input type="checkbox"/>            | For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| <input type="checkbox"/>            | For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.                                                                                                                   |

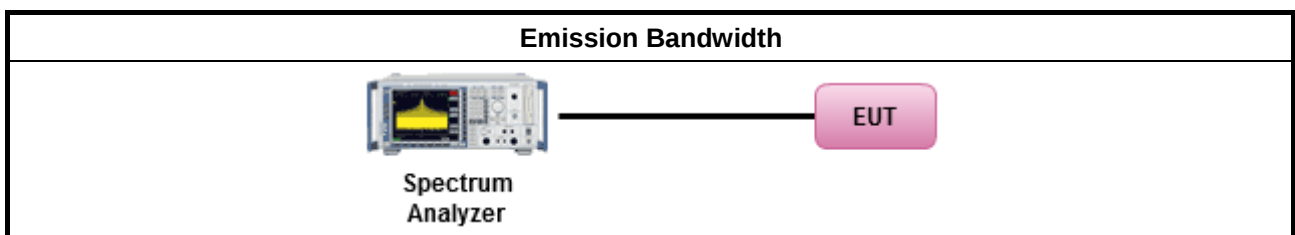
### 3.2.2 Measuring Instruments

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 FCC KDB 789033, clause C for EBW and clause D for OBW measurement. |
| <input type="checkbox"/>                                                                                                       | Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.          |
| <input type="checkbox"/>                                                                                                       | Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.                      |

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Output Power

#### 3.3.1 Limit

| Maximum 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 checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or 11 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Maximum EIRP Limit</b>                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> For the 5.85-5.895 GHz band:                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"><li>Indoor AP &amp; subordinate device &lt; 36 dBm</li><li>Client device &lt; 30 dBm</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>LE-LAN Devices</b>                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/> For the 5.725-5.85 GHz band:                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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<sub>Out</sub>** = maximum conducted output power in dBm,  
**G<sub>TX</sub>** = the maximum transmitting antenna directional gain in dBi.

### 3.3.2 Measuring Instruments

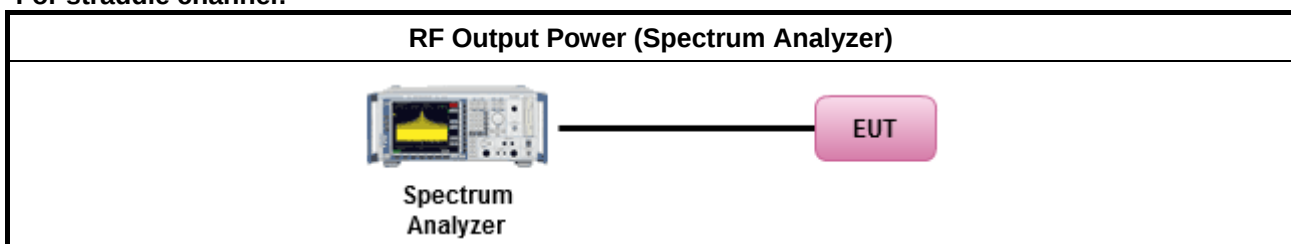
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

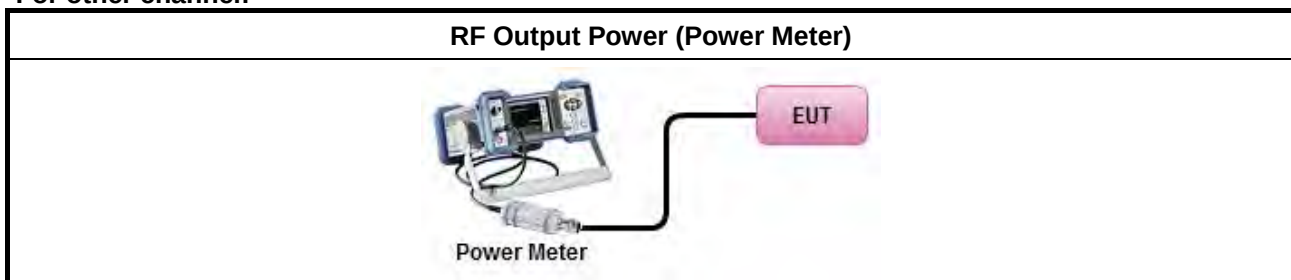
| Test Method                                                                                                                                                                                                                                                                                                                                                            |                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul>                                                                                                                                                                                                                                                                                       |                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                        | Average over on/off periods with duty factor                                             |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                    | Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).                |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                               | Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed) |
|                                                                                                                                                                                                                                                                                                                                                                        | Wideband RF power meter and average over on/off periods with duty factor                 |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                    | Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).         |
| <ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>                                                                                                                                                                                                                                                                                           |                                                                                          |
| <ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below:<br/>Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.</li> </ul> |                                                                                          |
| <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:<br/> <math>P_{total} = P_1 + P_2 + \dots + P_n</math><br/> (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>                                                             |                                                                                          |

### 3.3.4 Test Setup

For straddle channel:



For other channel:



### 3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



### 3.4 Power Spectral Density

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



**G<sub>TX</sub>** = the maximum transmitting antenna directional gain in dBi.

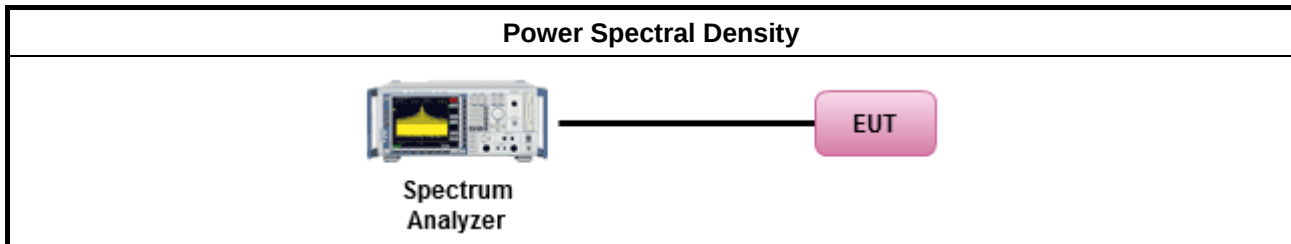
### 3.4.2 Measuring Instruments

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 FCC KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| [duty cycle ≥ 98% or external video / power trigger]                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| duty cycle < 98% and average over on/off periods with duty factor                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <ul style="list-style-type: none"><li>For conducted measurement.</li></ul>                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"><li>If the EUT supports multiple transmit chains using options given below:</li></ul>                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,                                                                                                                                                                                                         |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.                                                                                                                                                                                                                                                                                                                  |
| <ul style="list-style-type: none"><li>If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br/><math display="block">PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math><br/>(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 Power Spectral Density

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

| Un-restricted band emissions above 1GHz Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input checked="" type="checkbox"/> 5.15 - 5.25 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/> 5.25 - 5.35 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/> 5.47 - 5.725 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/> 5.725 - 5.85 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.                                                                                                                                                                                                                                                                                                                                                              |
| <input type="checkbox"/> 5.85 - 5.895 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz.<br>(ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.<br>(iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |
| Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### 3.5.2 Measuring Instruments

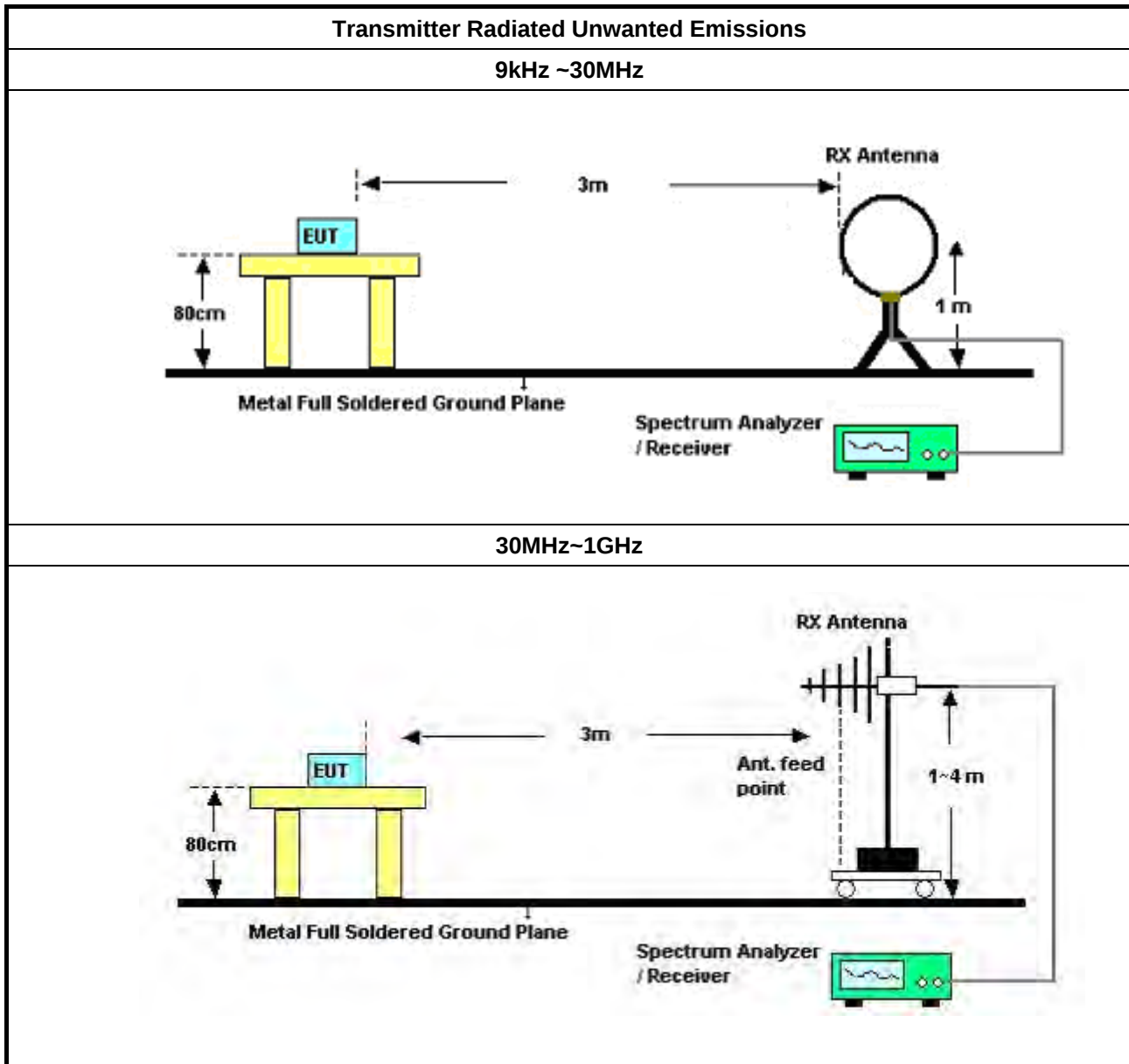
Refer a test equipment and calibration data table in this test report.

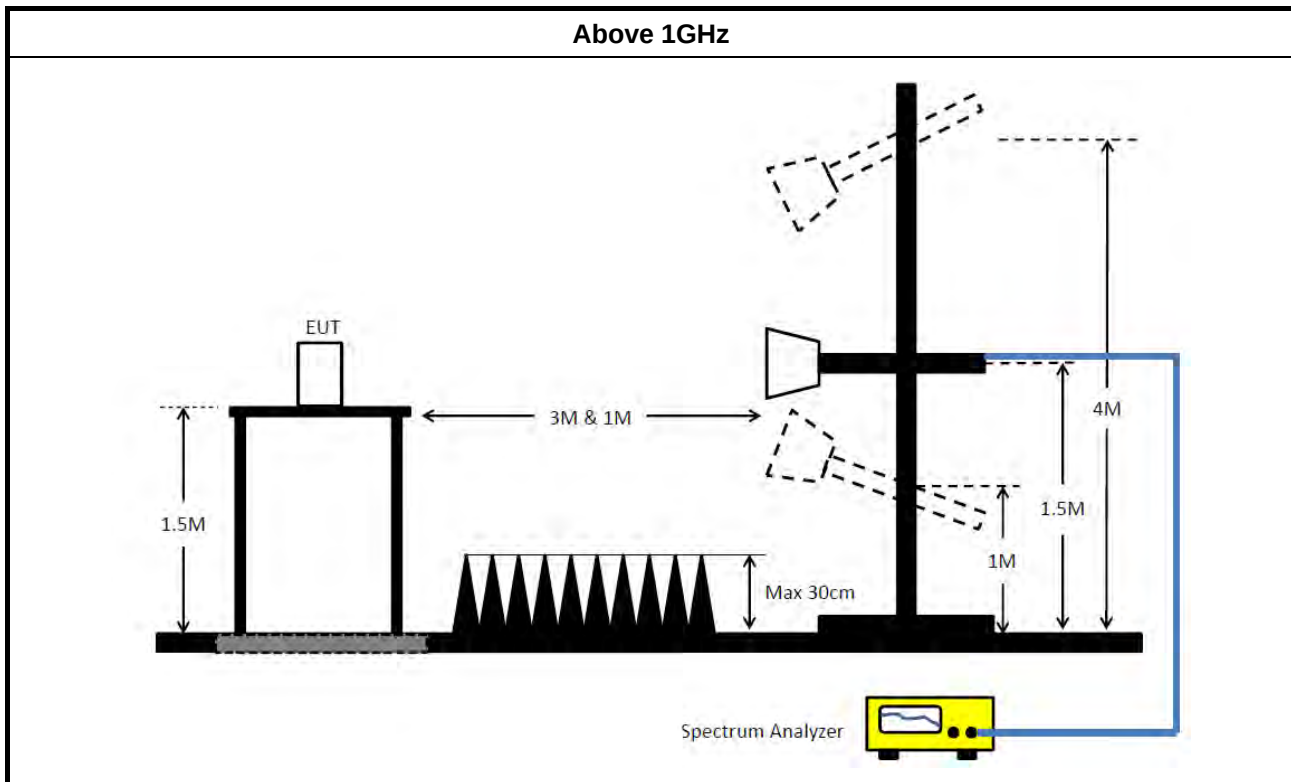


### 3.5.3 Test Procedures

| 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 FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.                                         |
| <input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                    |
| <ul style="list-style-type: none"> <li>For radiated measurement.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>                              |
| <ul style="list-style-type: none"> <li>The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                    |
| <ul style="list-style-type: none"> <li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                    |

### 3.5.4 Test Setup





### 3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

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

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

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

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

| Instrument                         | Brand            | Model No.         | Serial No.       | Characteristics | Calibration Date | Calibration Due Date | Remark                |
|------------------------------------|------------------|-------------------|------------------|-----------------|------------------|----------------------|-----------------------|
| EMI Receiver                       | Agilent          | N9038A            | My52260123       | 9kHz ~ 8.4GHz   | Mar. 03, 2021    | Mar. 02, 2022        | Conduction (CO01-CB)  |
| LISN                               | F.C.C.           | FCC-LISN-50-16-2  | 04083            | 150kHz ~ 100MHz | Jan. 06, 2021    | Jan. 05, 2022        | Conduction (CO01-CB)  |
| LISN                               | Schwarzbeck      | NSLK 8127         | 8127647          | 9kHz ~ 30MHz    | Mar. 07, 2021    | Mar. 06, 2022        | Conduction (CO01-CB)  |
| Pulse Limiter                      | Rohde&Schwarz    | ESH3-Z2           | 100430           | 9kHz ~ 30MHz    | Jan. 30, 2021    | Jan. 29, 2022        | Conduction (CO01-CB)  |
| COND Cable                         | Woken            | Cable             | Low cable-CO01   | 9kHz ~ 30MHz    | May 19, 2021     | May 18, 2022         | Conduction (CO01-CB)  |
| Software                           | SPORTON          | SENSE             | V5.10            | -               | N.C.R.           | N.C.R.               | Conduction (CO01-CB)  |
| Loop Antenna                       | Teseq            | HLA 6120          | 24155            | 9kHz - 30 MHz   | Apr. 14, 2021    | Apr. 13, 2022        | Radiation (03CH03-CB) |
| 3m Semi Anechoic Chamber NSA       | TDK              | SAC-3M            | 03CH03-CB        | 30 MHz ~ 1 GHz  | Jan. 27, 2021    | Jan. 26, 2022        | Radiation (03CH03-CB) |
| 3m Semi Anechoic Chamber VSWR      | TDK              | SAC-3M            | 03CH03-CB        | 1GHz ~18GHz 3m  | May 06, 2021     | May 05, 2022         | Radiation (03CH03-CB) |
| Bilog Antenna with 6 dB attenuator | Schaffner & EMCI | CBL6112B & N-6-06 | 2928 & AT-N0608  | 20MHz ~ 2GHz    | Feb. 22, 2021    | Feb. 21, 2022        | Radiation (03CH03-CB) |
| Horn Antenna                       | ETS • Lindgren   | 3115              | 6821             | 750MHz~18GHz    | Jan. 26, 2021    | Jan. 25, 2022        | Radiation (03CH03-CB) |
| Horn Antenna                       | SCHWARZBECK      | BBHA 9170         | BBHA9170507      | 15GHz ~ 40GHz   | Jun. 18, 2021    | Jun. 17, 2022        | Radiation (03CH03-CB) |
| Pre-Amplifier                      | Agilent          | 8447D             | 2944A10259       | 9kHz ~ 1.3GHz   | Jan. 11, 2021    | Jan. 10, 2022        | Radiation (03CH03-CB) |
| Pre-Amplifier                      | Agilent          | 8449B             | 3008A02097       | 1GHz ~ 26.5GHz  | Jul. 02, 2021    | Jul. 01, 2022        | Radiation (03CH03-CB) |
| Pre-Amplifier                      | MITEQ            | TTA1840-35-HG     | 1864479          | 18GHz ~ 40GHz   | Jul. 13, 2021    | Jul. 12, 2022        | Radiation (03CH03-CB) |
| Spectrum Analyzer                  | R&S              | FSP40             | 100019           | 9kHz ~ 40GHz    | Jun. 04, 2021    | Jun. 03, 2022        | Radiation (03CH03-CB) |
| EMI Test Receiver                  | R&S              | ESCS              | 826547/017       | 9kHz ~ 2.75GHz  | Jun. 21, 2021    | Jun. 20, 2022        | Radiation (03CH03-CB) |
| RF Cable-low                       | Woken            | RG402             | Low Cable-02+29  | 30MHz ~ 1GHz    | Aug. 20, 2021    | Aug. 19, 2022        | Radiation (03CH03-CB) |
| RF Cable-high                      | Woken            | RG402             | High Cable-20+29 | 1GHz ~ 18GHz    | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH03-CB) |
| RF Cable-high                      | Woken            | RG402             | High Cable-20+29 | 1GHz ~ 18GHz    | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH03-CB) |
| RF Cable-high                      | Woken            | RG402             | High Cable-29    | 1GHz ~ 18GHz    | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH03-CB) |



| Instrument                    | Brand          | Model No.     | Serial No.       | Characteristics | Calibration Date | Calibration Due Date | Remark                |
|-------------------------------|----------------|---------------|------------------|-----------------|------------------|----------------------|-----------------------|
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz  | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH03-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz  | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH03-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz  | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH03-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz  | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH03-CB) |
| Test Software                 | SPORTON        | SENSE         | V5.10            | -               | N.C.R.           | N.C.R.               | Radiation (03CH03-CB) |
| 3m Semi Anechoic Chamber VSWR | RIKEN          | SAC-3M        | 03CH02-CB        | 1GHz ~18GHz 3m  | Mar. 27, 2021    | Mar. 26, 2022        | Radiation (03CH02-CB) |
| Horn Antenna                  | EMCO           | 3115          | 9610-4976        | 1GHz ~ 18GHz    | May 04, 2021     | May 03, 2022         | Radiation (03CH02-CB) |
| Horn Antenna                  | SCHWARZBECK    | BBHA 9170     | BBHA9170507      | 15GHz ~ 40GHz   | Jun. 18, 2021    | Jun. 17, 2022        | Radiation (03CH02-CB) |
| Pre-Amplifier                 | Agilent        | 83017A        | MY39501305       | 1GHz ~ 26.5GHz  | Jul. 12, 2021    | Jul. 11, 2022        | Radiation (03CH02-CB) |
| Pre-Amplifier                 | MITEQ          | TTA1840-35-HG | 1864479          | 18GHz ~ 40GHz   | Jul. 13, 2021    | Jul. 12, 2022        | Radiation (03CH02-CB) |
| Spectrum analyzer             | R&S            | FSU           | 100015           | 9kHz~26GHz      | Oct. 15, 2020    | Oct. 14, 2021        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-18    | 1GHz ~ 18GHz    | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-18+19 | 1GHz ~ 18GHz    | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz  | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz  | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz  | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz  | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH02-CB) |
| Test Software                 | SPORTON        | SENSE         | V5.10            | -               | N.C.R.           | N.C.R.               | Radiation (03CH02-CB) |
| 3m Semi Anechoic Chamber VSWR | TDK            | SAC-3M        | 03CH04-CB        | 1GHz ~18GHz 3m  | Feb. 25, 2021    | Feb. 24, 2022        | Radiation (03CH04-CB) |
| Horn Antenna                  | ETS • Lindgren | 3115          | 00143147         | 750MHz~18GHz    | Oct. 23, 2020    | Oct. 22, 2021        | Radiation (03CH04-CB) |
| Horn Antenna                  | SCHWARZBECK    | BBHA 9170     | BBHA9170507      | 15GHz ~ 40GHz   | Jun. 18, 2021    | Jun. 17, 2022        | Radiation (03CH04-CB) |



| Instrument                    | Brand       | Model No.      | Serial No.       | Characteristics  | Calibration Date | Calibration Due Date | Remark                |
|-------------------------------|-------------|----------------|------------------|------------------|------------------|----------------------|-----------------------|
| Pre-Amplifier                 | Agilent     | 83017A         | MY53270063       | 0.5GHz ~ 26.5GHz | Jul. 12, 2021    | Jul. 11, 2022        | Radiation (03CH04-CB) |
| Pre-Amplifier                 | MITEQ       | TTA1840-35-H G | 1864479          | 18GHz ~ 40GHz    | Jul. 13, 2021    | Jul. 12, 2022        | Radiation (03CH04-CB) |
| Spectrum Analyzer             | R&S         | FSP40          | 100142           | 9kHz~40GHz       | Feb. 19, 2021    | Feb. 18, 2022        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-21    | 1GHz - 18GHz     | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-21+67 | 1GHz - 18GHz     | Nov. 05, 2020    | Nov. 04, 2021        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH04-CB) |
| 3m Semi Anechoic Chamber VSWR | TDK         | SAC-3M         | 03CH05-CB        | 1GHz ~18GHz 3m   | Nov. 08, 2020    | Nov. 07, 2021        | Radiation (03CH05-CB) |
| Horn Antenna                  | SCHWARZBECK | BBHA9120D      | BBHA 9120 D-1291 | 1GHz~18GHz       | Sep. 05, 2020    | Sep. 04, 2021        | Radiation (03CH05-CB) |
| Horn Antenna                  | SCHWARZBECK | BBHA 9170      | BBHA9170507      | 15GHz ~ 40GHz    | Jun. 18, 2021    | Jun. 17, 2022        | Radiation (03CH05-CB) |
| Pre-Amplifier                 | EMCI        | EMC12630SE     | 980287           | 1GHz ~ 26.5GHz   | Jul. 02, 2021    | Jul. 01, 2022        | Radiation (03CH05-CB) |
| Pre-Amplifier                 | MITEQ       | TTA1840-35-H G | 1864479          | 18GHz ~ 40GHz    | Jul. 13, 2021    | Jul. 12, 2022        | Radiation (03CH05-CB) |
| Spectrum Analyzer             | R&S         | FSP40          | 100304           | 9kHz ~ 40GHz     | Nov. 10, 2020    | Nov. 09, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-28    | 1GHz~18GHz       | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-04+28 | 1GHz~18GHz       | Oct. 05, 2020    | Oct. 04, 2021        | Radiation (03CH05-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH05-CB) |
| RF Cable-high                 | Woken       | RG402          | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 15, 2021    | Jul. 14, 2022        | Radiation (03CH05-CB) |
| Test Software                 | SPORTON     | SENSE          | V5.10            | -                | N.C.R.           | N.C.R.               | Radiation (03CH05-CB) |
| Spectrum analyzer             | R&S         | FSV40          | 101028           | 9kHz~40GHz       | Dec. 31, 2020    | Dec. 30, 2021        | Conducted (TH03-CB)   |
| Power Sensor                  | Anritsu     | MA2411B        | 1531344          | 300MHz~40GHz     | Jul. 27, 2021    | Jul. 26, 2022        | Conducted (TH03-CB)   |



| Instrument    | Brand   | Model No. | Serial No.    | Characteristics | Calibration Date | Calibration Due Date | Remark              |
|---------------|---------|-----------|---------------|-----------------|------------------|----------------------|---------------------|
| Power Meter   | Anritsu | ML2495A   | 1728002       | 300MHz~40GHz    | Jul. 27, 2021    | Jul. 26, 2022        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402     | High Cable-11 | 1 GHz ~18 GHz   | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402     | High Cable-12 | 1 GHz ~18 GHz   | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402     | High Cable-13 | 1 GHz ~18 GHz   | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402     | High Cable-14 | 1 GHz ~18 GHz   | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402     | High Cable-15 | 1 GHz ~18 GHz   | Oct. 05, 2020    | Oct. 04, 2021        | Conducted (TH03-CB) |
| Test Software | SPORTON | SENSE     | V5.10         | -               | N.C.R.           | N.C.R.               | Conducted (TH03-CB) |

Note: Calibration Interval of instruments listed above is one year.  
NCR means Non-Calibration required.



## Conducted Emissions at Powerline

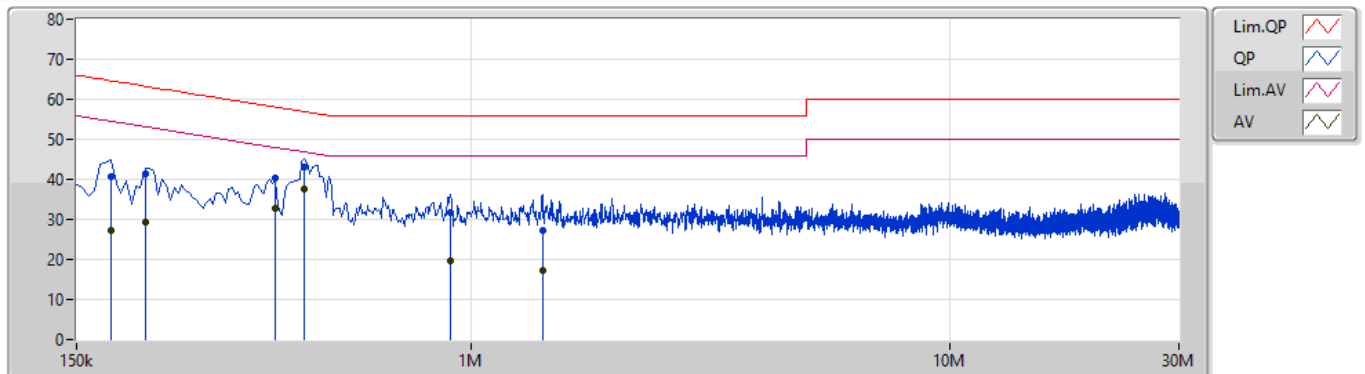
## Appendix A

### Summary

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 447k         | 37.54           | 46.94           | -9.40          | Line      |

## Mode 1

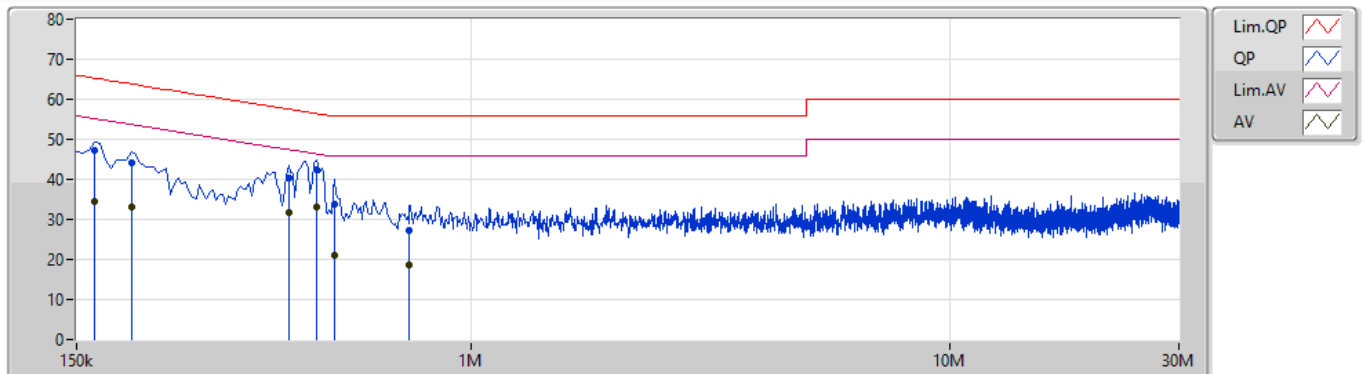
06/09/2021



| 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   | 177k         | 40.80           | 64.62           | -23.82         | 9.89           | Line      | -       | 30.91         | 0.04         | 0.04       | 9.81       |  |  |  |
| AV   | 177k         | 27.17           | 54.62           | -27.45         | 9.89           | Line      | -       | 17.28         | 0.04         | 0.04       | 9.81       |  |  |  |
| QP   | 208.5k       | 41.50           | 63.27           | -21.77         | 9.89           | Line      | -       | 31.61         | 0.04         | 0.04       | 9.81       |  |  |  |
| AV   | 208.5k       | 29.24           | 53.27           | -24.03         | 9.89           | Line      | -       | 19.35         | 0.04         | 0.04       | 9.81       |  |  |  |
| QP   | 388.5k       | 40.39           | 58.10           | -17.71         | 9.90           | Line      | -       | 30.49         | 0.04         | 0.04       | 9.82       |  |  |  |
| AV   | 388.5k       | 32.78           | 48.10           | -15.32         | 9.90           | Line      | -       | 22.88         | 0.04         | 0.04       | 9.82       |  |  |  |
| QP   | 447k         | 43.23           | 56.94           | -13.71         | 9.90           | Line      | -       | 33.33         | 0.04         | 0.04       | 9.82       |  |  |  |
| AV   | 447k         | 37.54           | 46.94           | -9.40          | 9.90           | Line      | "Worst" | 27.64         | 0.04         | 0.04       | 9.82       |  |  |  |
| QP   | 906k         | 31.83           | 56.00           | -24.17         | 9.93           | Line      | -       | 21.90         | 0.06         | 0.04       | 9.83       |  |  |  |
| AV   | 906k         | 19.74           | 46.00           | -26.26         | 9.93           | Line      | -       | 9.81          | 0.06         | 0.04       | 9.83       |  |  |  |
| QP   | 1.41M        | 27.19           | 56.00           | -28.81         | 9.95           | Line      | -       | 17.24         | 0.07         | 0.05       | 9.83       |  |  |  |
| AV   | 1.41M        | 17.32           | 46.00           | -28.68         | 9.95           | Line      | -       | 7.37          | 0.07         | 0.05       | 9.83       |  |  |  |

### Mode 1

06/09/2021



| 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   | 163.5k       | 47.23           | 65.27           | -18.04         | 9.88           | Neutral   | -       | 37.35         | 0.03         | 0.04       | 9.81       |  |  |  |
| AV   | 163.5k       | 34.52           | 55.27           | -20.75         | 9.88           | Neutral   | -       | 24.64         | 0.03         | 0.04       | 9.81       |  |  |  |
| QP   | 195k         | 44.13           | 63.82           | -19.69         | 9.88           | Neutral   | -       | 34.25         | 0.03         | 0.04       | 9.81       |  |  |  |
| AV   | 195k         | 33.27           | 53.82           | -20.55         | 9.88           | Neutral   | -       | 23.39         | 0.03         | 0.04       | 9.81       |  |  |  |
| QP   | 415.5k       | 40.31           | 57.53           | -17.22         | 9.89           | Neutral   | -       | 30.42         | 0.03         | 0.04       | 9.82       |  |  |  |
| AV   | 415.5k       | 31.88           | 47.53           | -15.65         | 9.89           | Neutral   | -       | 21.99         | 0.03         | 0.04       | 9.82       |  |  |  |
| QP   | 474k         | 42.39           | 56.44           | -14.05         | 9.89           | Neutral   | -       | 32.50         | 0.03         | 0.04       | 9.82       |  |  |  |
| AV   | 474k         | 33.15           | 46.44           | -13.29         | 9.89           | Neutral   | "Worst" | 23.26         | 0.03         | 0.04       | 9.82       |  |  |  |
| QP   | 519k         | 33.80           | 56.00           | -22.20         | 9.90           | Neutral   | -       | 23.90         | 0.04         | 0.04       | 9.82       |  |  |  |
| AV   | 519k         | 20.93           | 46.00           | -25.07         | 9.90           | Neutral   | -       | 11.03         | 0.04         | 0.04       | 9.82       |  |  |  |
| QP   | 744k         | 27.20           | 56.00           | -28.80         | 9.91           | Neutral   | -       | 17.29         | 0.04         | 0.04       | 9.83       |  |  |  |
| AV   | 744k         | 18.61           | 46.00           | -27.39         | 9.91           | Neutral   | -       | 8.70          | 0.04         | 0.04       | 9.83       |  |  |  |

**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           | 20.25M           | 16.372M         | 16M4D1D  | 18.96M           | 16.282M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 21.69M           | 18.891M         | 18M9D1D  | 20.79M           | 18.831M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 48.36M           | 37.961M         | 38M0D1D  | 39.9M            | 37.541M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 81.12M           | 77.001M         | 77M0D1D  | 80.76M           | 76.642M         |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 80.48M           | 78.041M         | 78M0D1D  | 80.32M           | 77.641M         |
| 5.25-5.35GHz                       | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 19.86M           | 16.342M         | 16M3D1D  | 18.9M            | 16.282M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 21.09M           | 18.891M         | 18M9D1D  | 20.88M           | 18.831M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 40.32M           | 37.721M         | 37M7D1D  | 40.02M           | 37.601M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 81.6M            | 76.522M         | 76M5D1D  | 81.24M           | 76.282M         |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 82.72M           | 78.201M         | 78M2D1D  | 81.92M           | 78.201M         |
| 5.47-5.725GHz                      | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 19.89M           | 16.312M         | 16M3D1D  | 18.9M            | 16.282M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 21.09M           | 18.861M         | 18M9D1D  | 20.7M            | 18.831M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 40.26M           | 37.661M         | 37M7D1D  | 40.02M           | 37.601M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 81.6M            | 76.882M         | 76M9D1D  | 80.88M           | 76.522M         |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 163.2M           | 156.162M        | 156MD1D  | 162.96M          | 154.723M        |
| 5.725-5.85GHz                      | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 15.51M           | 16.462M         | 16M5D1D  | 15.03M           | 16.342M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 17.13M           | 18.891M         | 18M9D1D  | 13.86M           | 18.831M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 35.4M            | 38.201M         | 38M2D1D  | 33.54M           | 37.661M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 67.68M           | 77.001M         | 77M0D1D  | 56.16M           | 76.042M         |

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

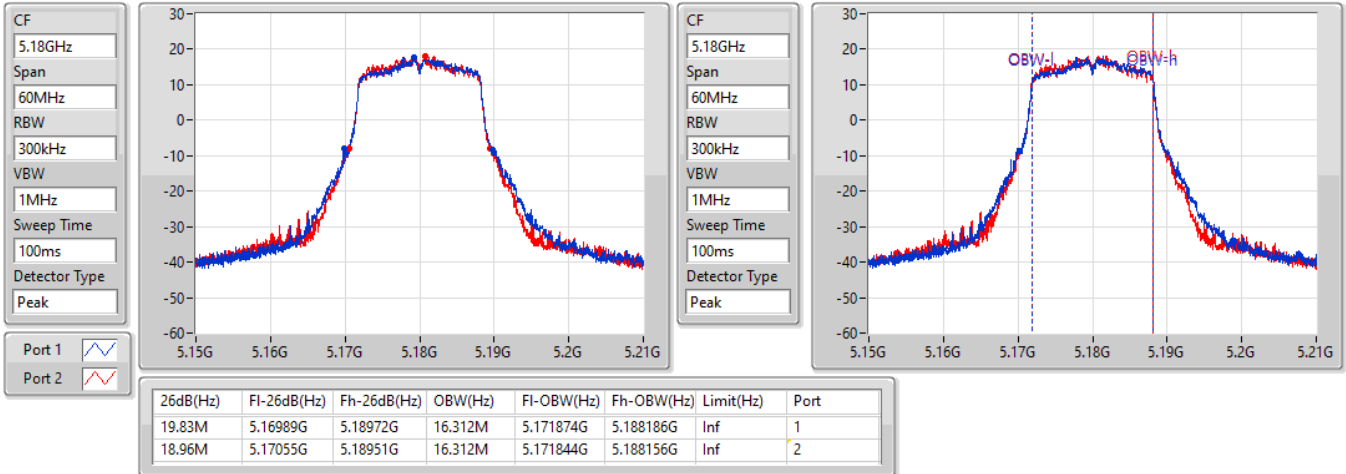
**Result**

| 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        | 19.83M           | 16.312M         | 18.96M           | 16.312M         |
| 5200MHz                            | Pass   | Inf        | 20.25M           | 16.372M         | 19.47M           | 16.312M         |
| 5240MHz                            | Pass   | Inf        | 19.68M           | 16.282M         | 20.16M           | 16.342M         |
| 5260MHz                            | Pass   | Inf        | 19.86M           | 16.342M         | 18.9M            | 16.282M         |
| 5300MHz                            | Pass   | Inf        | 19.5M            | 16.282M         | 19.56M           | 16.342M         |
| 5320MHz                            | Pass   | Inf        | 19.77M           | 16.312M         | 19.5M            | 16.342M         |
| 5500MHz                            | Pass   | Inf        | 19.59M           | 16.312M         | 19.41M           | 16.312M         |
| 5580MHz                            | Pass   | Inf        | 19.86M           | 16.282M         | 18.9M            | 16.312M         |
| 5700MHz                            | Pass   | Inf        | 19.89M           | 16.312M         | 19.11M           | 16.312M         |
| 5745MHz                            | Pass   | 500k       | 15.09M           | 16.342M         | 15.03M           | 16.342M         |
| 5785MHz                            | Pass   | 500k       | 15.51M           | 16.402M         | 15.12M           | 16.342M         |
| 5825MHz                            | Pass   | 500k       | 15.09M           | 16.372M         | 15.03M           | 16.462M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | -      | -          | -                | -               | -                | -               |
| 5180MHz                            | Pass   | Inf        | 21.69M           | 18.891M         | 20.82M           | 18.831M         |
| 5200MHz                            | Pass   | Inf        | 20.85M           | 18.831M         | 21.03M           | 18.831M         |
| 5240MHz                            | Pass   | Inf        | 20.79M           | 18.861M         | 20.85M           | 18.831M         |
| 5260MHz                            | Pass   | Inf        | 20.88M           | 18.831M         | 21.03M           | 18.831M         |
| 5300MHz                            | Pass   | Inf        | 21.06M           | 18.861M         | 20.97M           | 18.891M         |
| 5320MHz                            | Pass   | Inf        | 21.06M           | 18.891M         | 21.09M           | 18.831M         |
| 5500MHz                            | Pass   | Inf        | 21.09M           | 18.831M         | 20.7M            | 18.831M         |
| 5580MHz                            | Pass   | Inf        | 21.06M           | 18.861M         | 20.82M           | 18.861M         |
| 5700MHz                            | Pass   | Inf        | 20.97M           | 18.831M         | 20.94M           | 18.861M         |
| 5745MHz                            | Pass   | 500k       | 15.06M           | 18.891M         | 16.26M           | 18.861M         |
| 5785MHz                            | Pass   | 500k       | 13.86M           | 18.861M         | 16.23M           | 18.891M         |
| 5825MHz                            | Pass   | 500k       | 16.23M           | 18.831M         | 17.13M           | 18.861M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | -      | -          | -                | -               | -                | -               |
| 5190MHz                            | Pass   | Inf        | 48.36M           | 37.961M         | 39.9M            | 37.541M         |
| 5230MHz                            | Pass   | Inf        | 40.44M           | 37.721M         | 40.08M           | 37.721M         |
| 5270MHz                            | Pass   | Inf        | 40.32M           | 37.661M         | 40.02M           | 37.601M         |
| 5310MHz                            | Pass   | Inf        | 40.2M            | 37.661M         | 40.2M            | 37.721M         |
| 5510MHz                            | Pass   | Inf        | 40.08M           | 37.661M         | 40.26M           | 37.661M         |
| 5550MHz                            | Pass   | Inf        | 40.2M            | 37.661M         | 40.26M           | 37.601M         |
| 5670MHz                            | Pass   | Inf        | 40.2M            | 37.661M         | 40.02M           | 37.661M         |
| 5755MHz                            | Pass   | 500k       | 34.56M           | 37.721M         | 35.4M            | 37.661M         |
| 5795MHz                            | Pass   | 500k       | 33.54M           | 38.141M         | 34.92M           | 38.201M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | -      | -          | -                | -               | -                | -               |
| 5210MHz                            | Pass   | Inf        | 80.76M           | 76.642M         | 81.12M           | 77.001M         |
| 5290MHz                            | Pass   | Inf        | 81.6M            | 76.282M         | 81.24M           | 76.522M         |
| 5530MHz                            | Pass   | Inf        | 81.6M            | 76.762M         | 80.88M           | 76.522M         |
| 5610MHz                            | Pass   | Inf        | 81.24M           | 76.522M         | 81.48M           | 76.882M         |
| 5775MHz                            | Pass   | 500k       | 67.68M           | 76.042M         | 56.16M           | 77.001M         |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | Inf        | 80.32M           | 77.641M         | 80.48M           | 78.041M         |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | Inf        | 81.92M           | 78.201M         | 82.72M           | 78.201M         |
| 5570MHz                            | Pass   | Inf        | 163.2M           | 156.162M        | 162.96M          | 154.723M        |

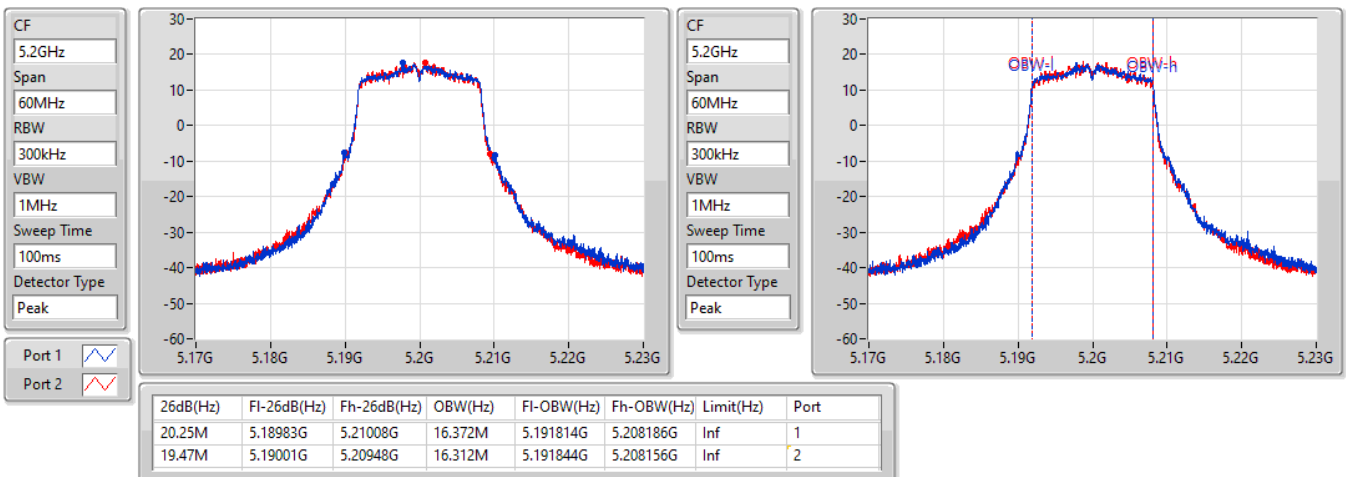
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

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

21/07/2021

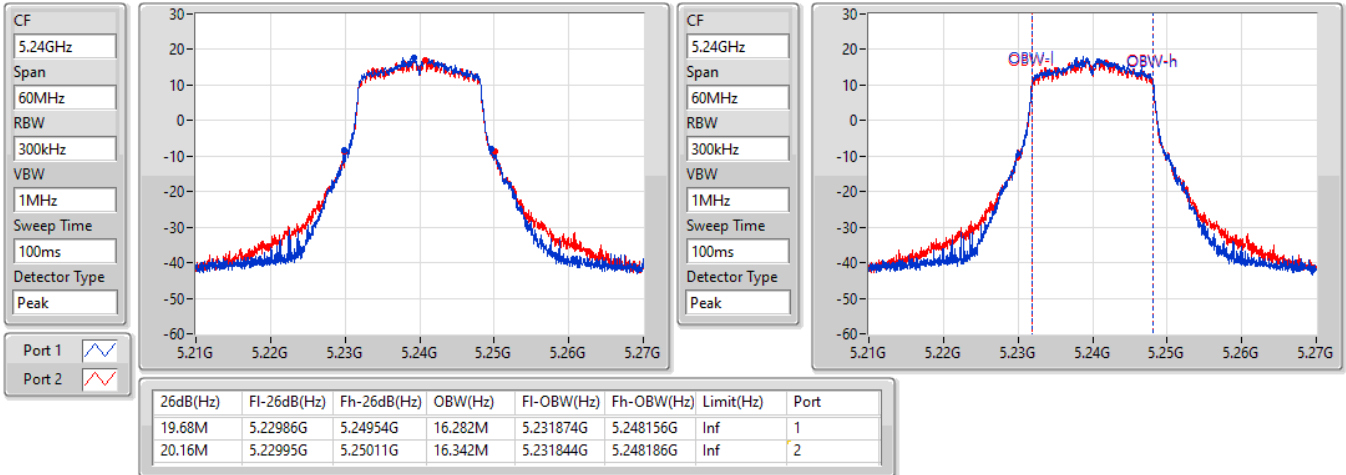

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5200MHz**

21/07/2021

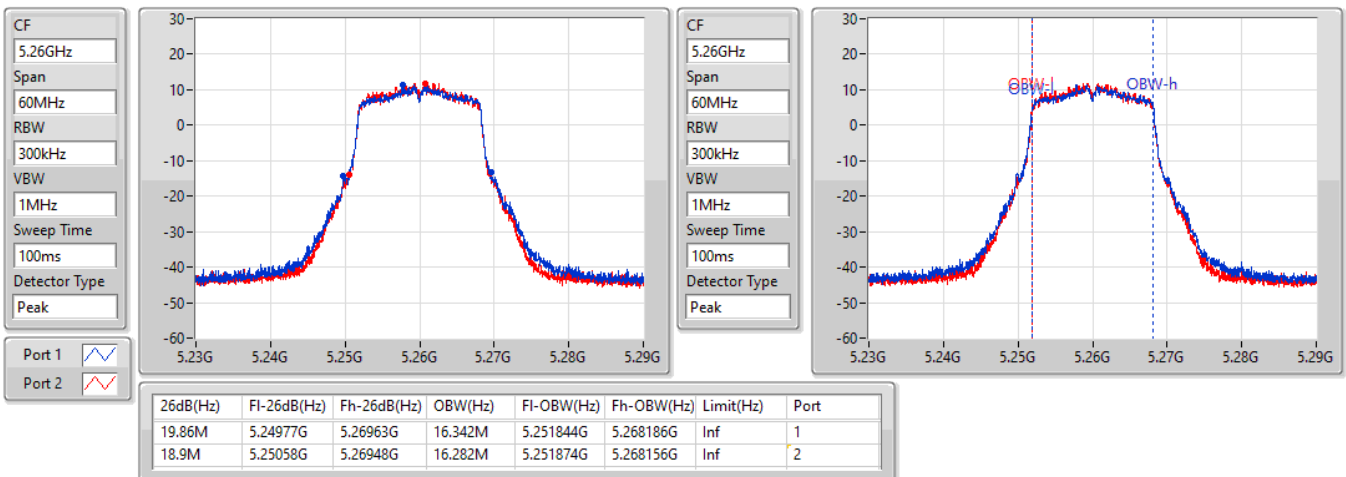


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5240MHz**

21/07/2021

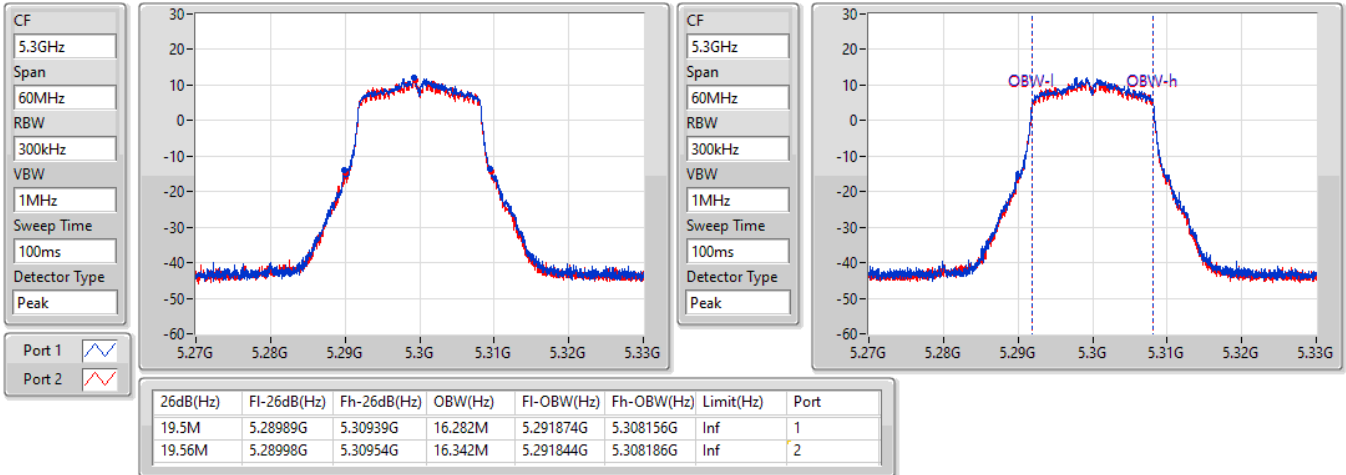

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5260MHz**

21/07/2021

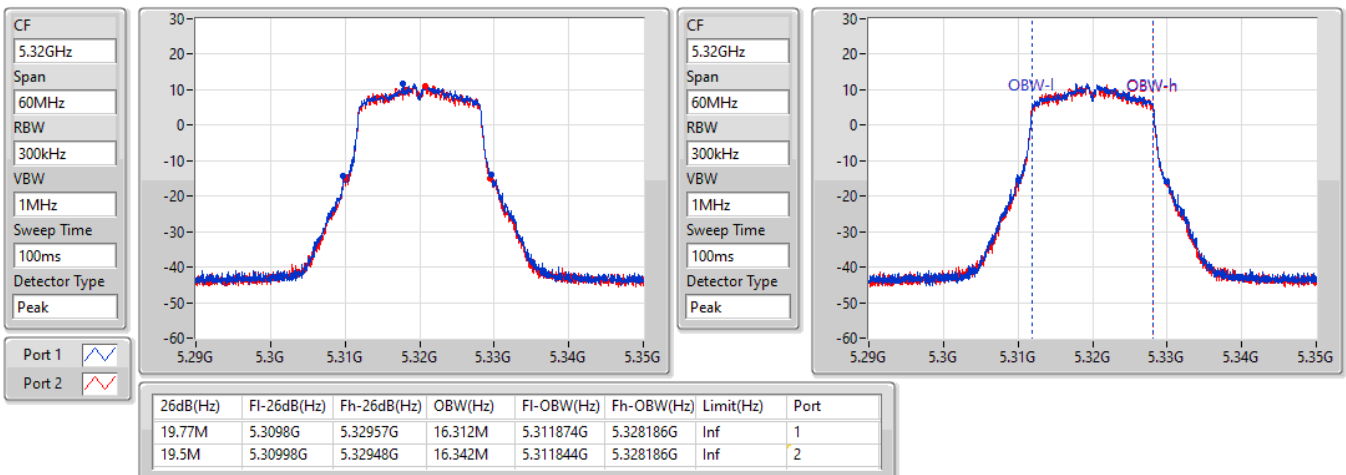


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5300MHz**

21/07/2021

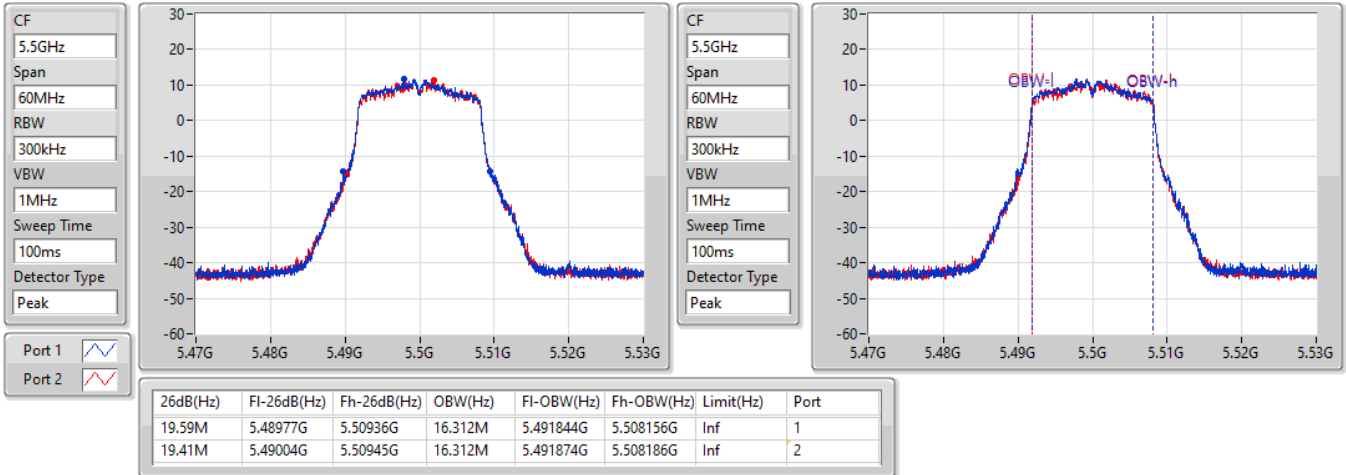

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5320MHz**

21/07/2021

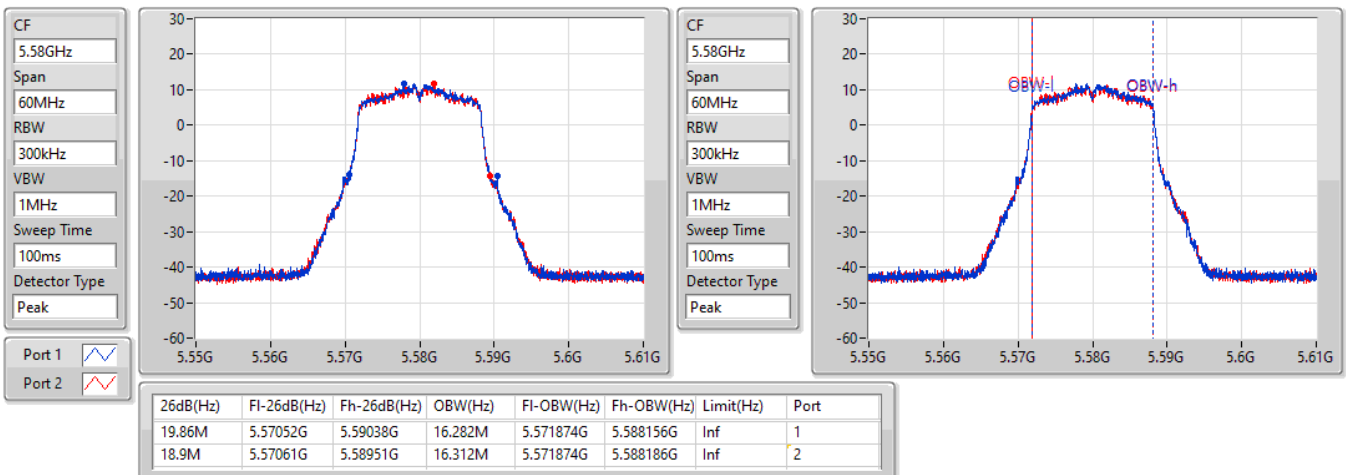


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5500MHz**

21/07/2021

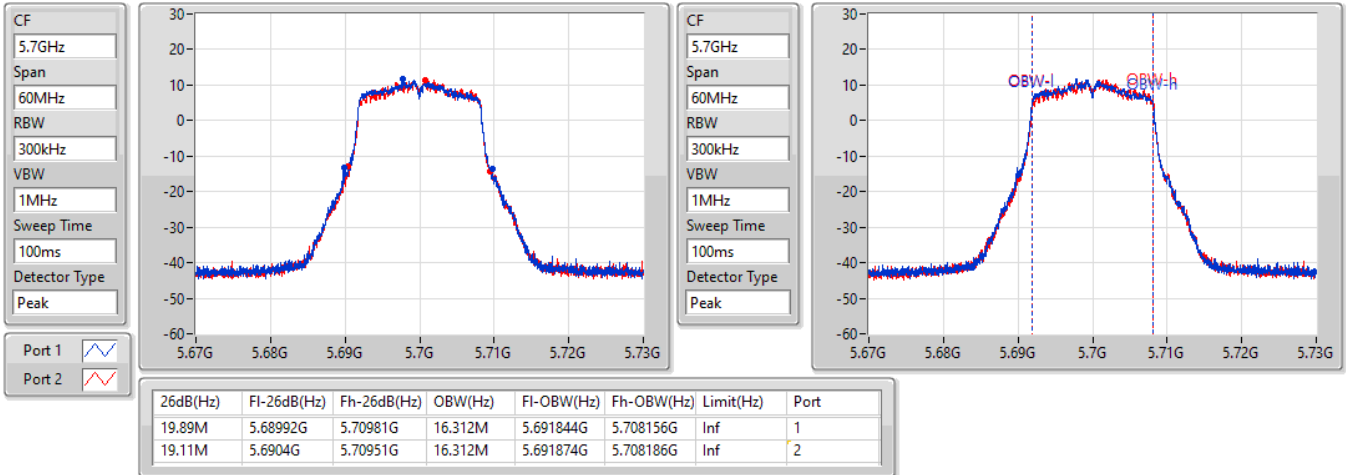

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5580MHz**

21/07/2021

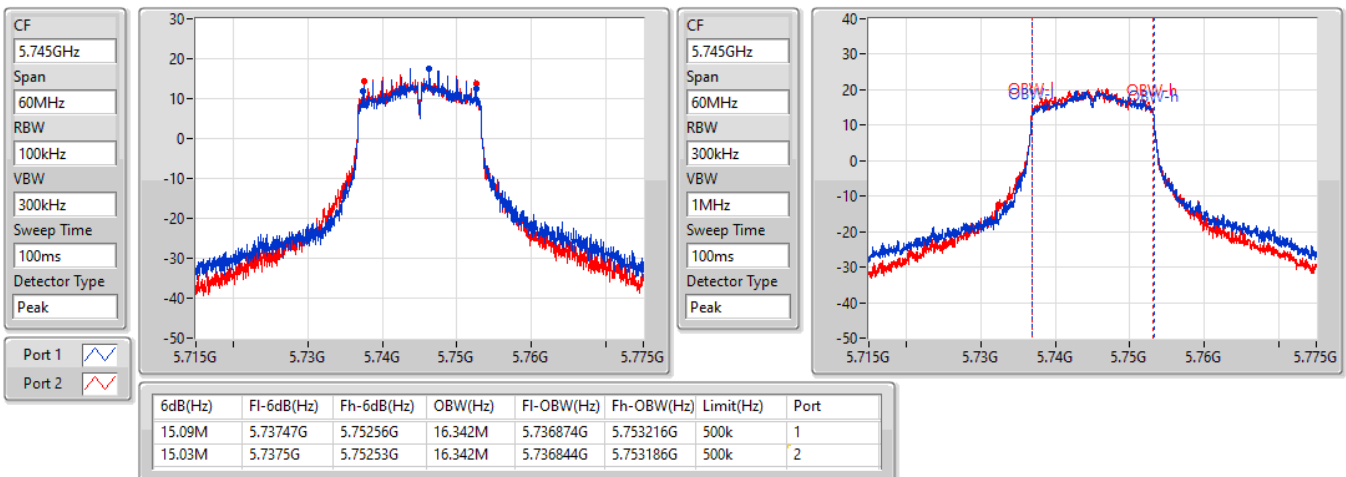


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5700MHz**

21/07/2021

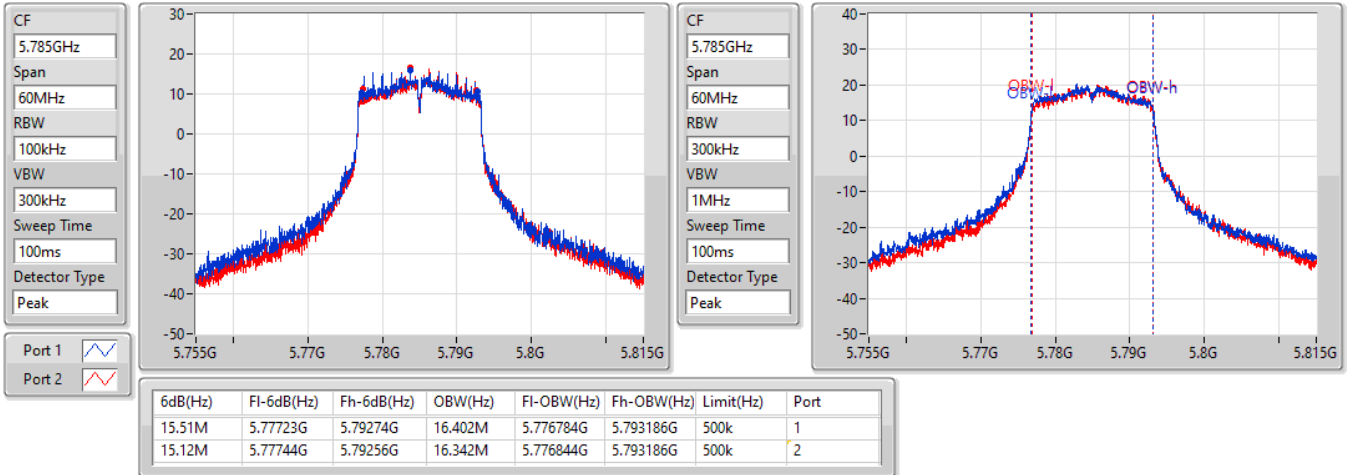

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5745MHz**

21/07/2021

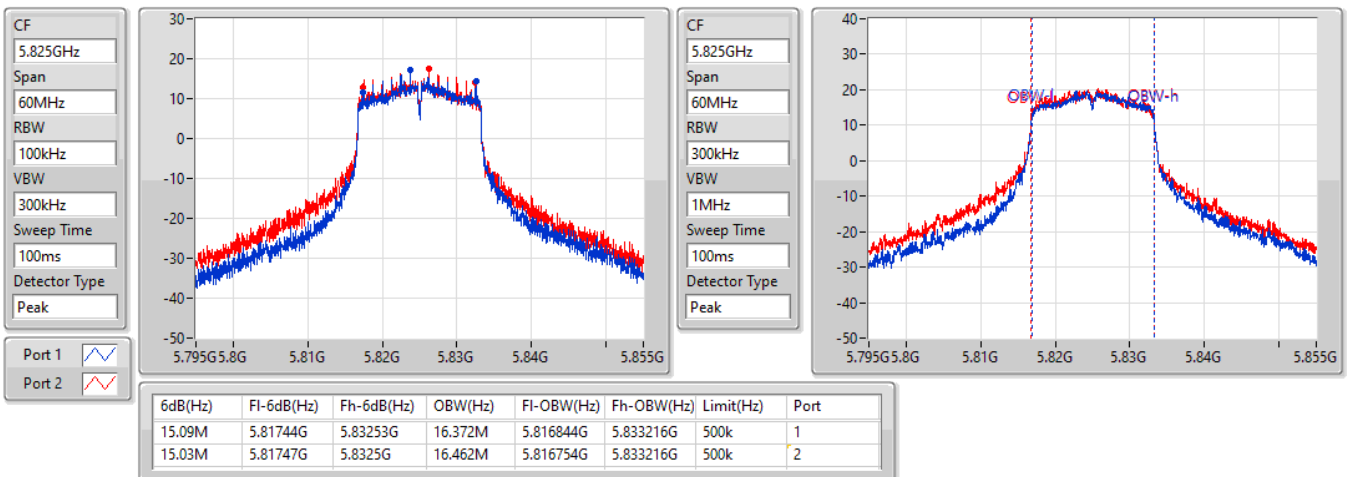


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5785MHz**

21/07/2021


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

21/07/2021

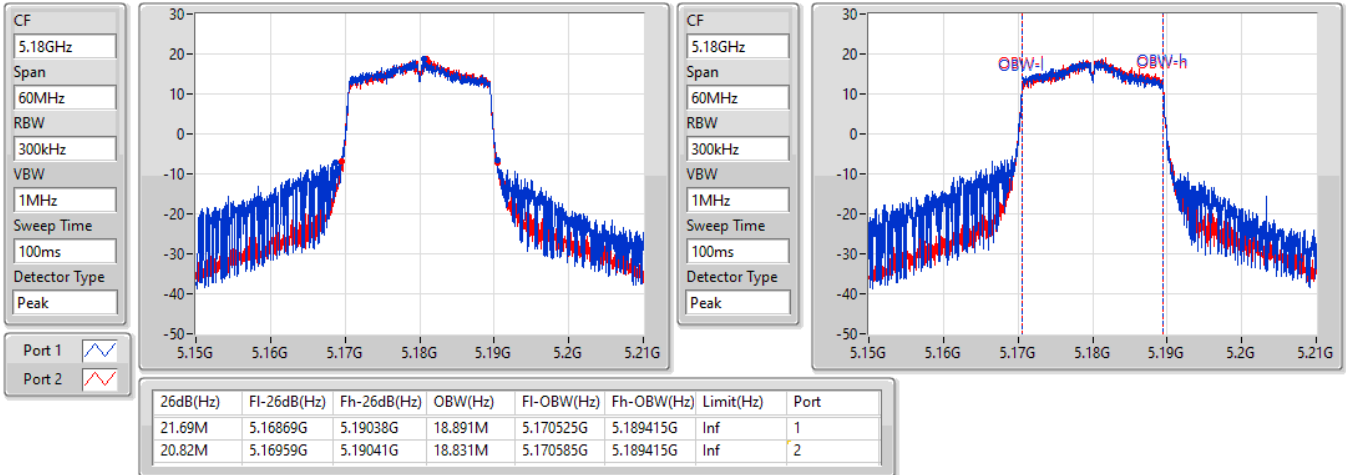


# 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5180MHz

21/07/2021

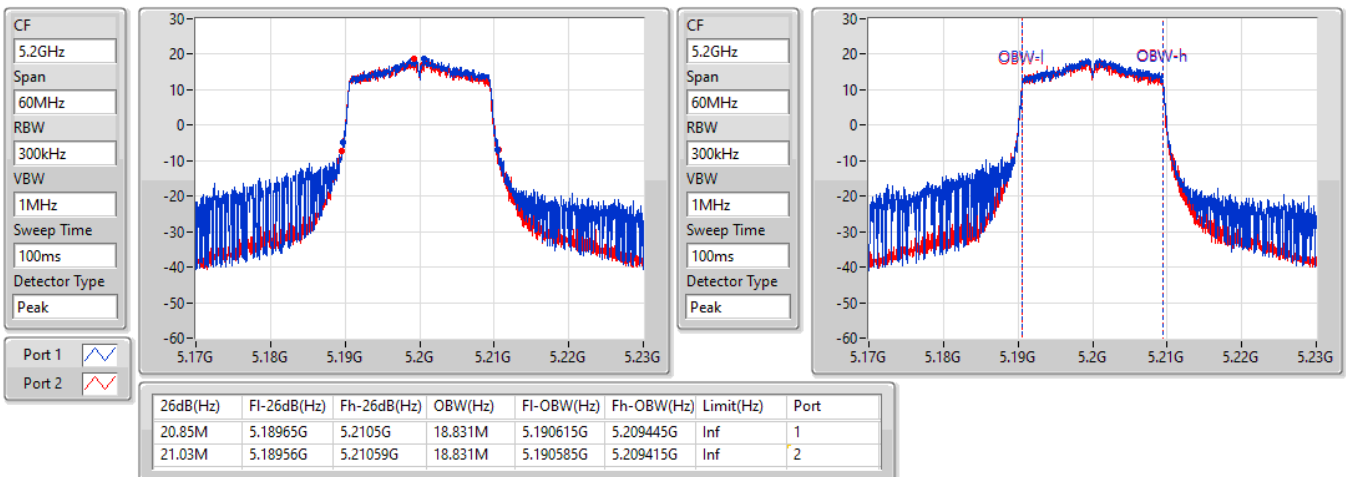


# 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5200MHz

21/07/2021

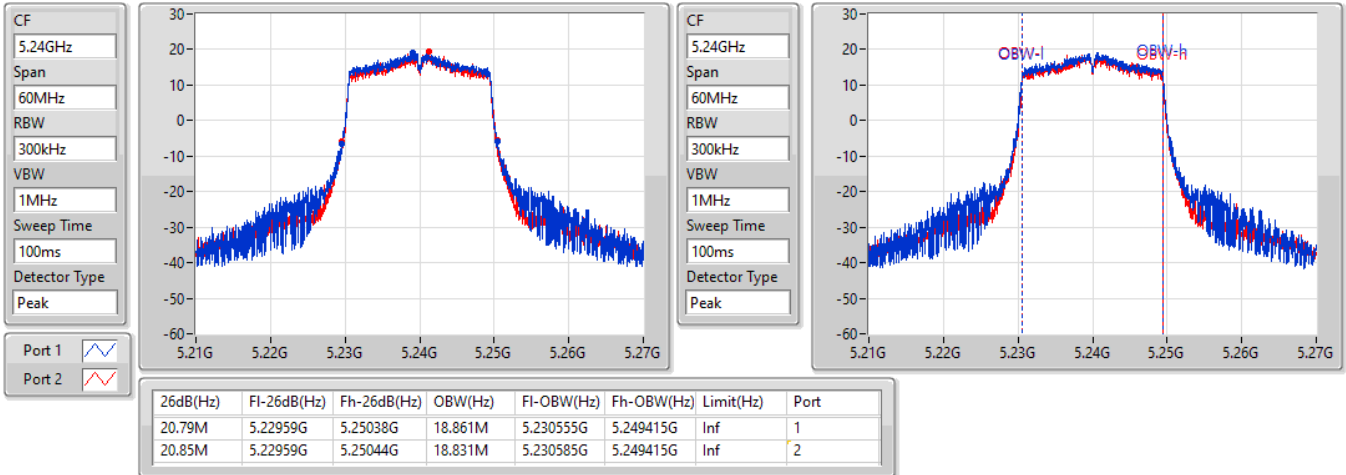


# 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

21/07/2021

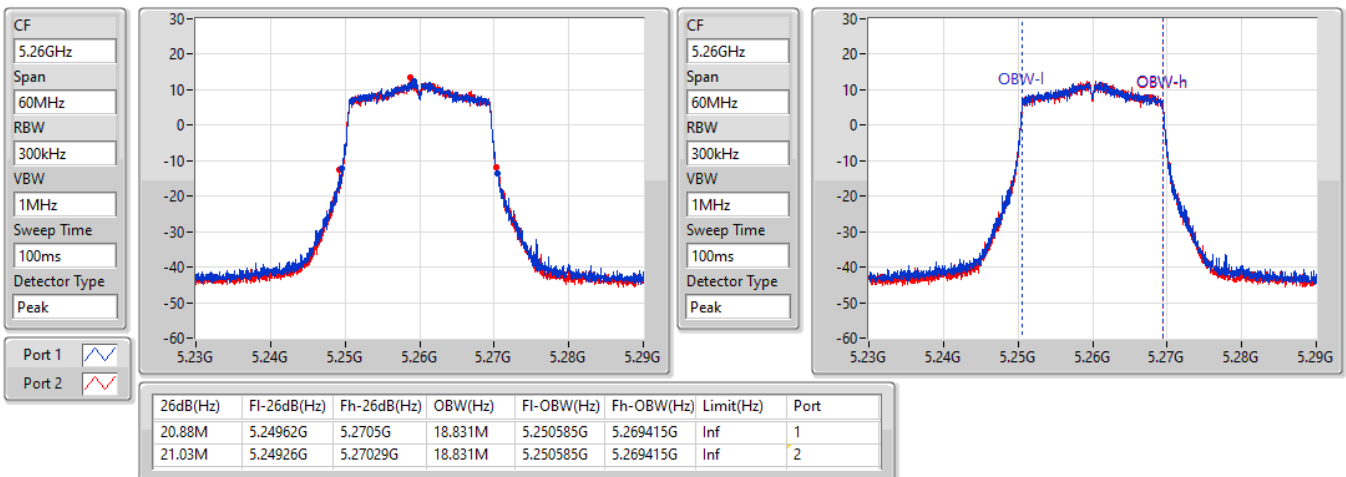


# 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

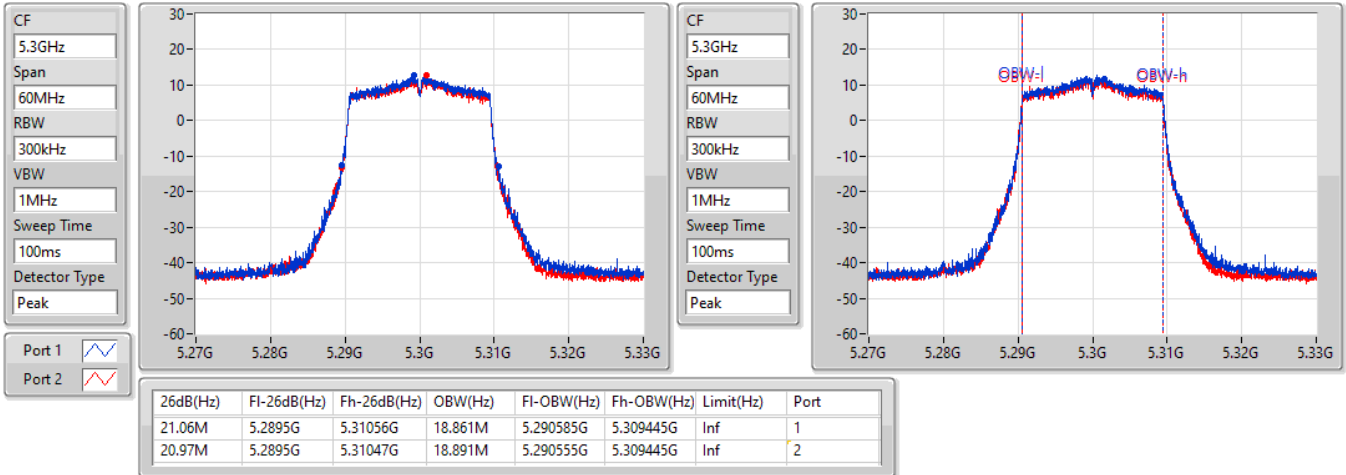
5260MHz

21/07/2021

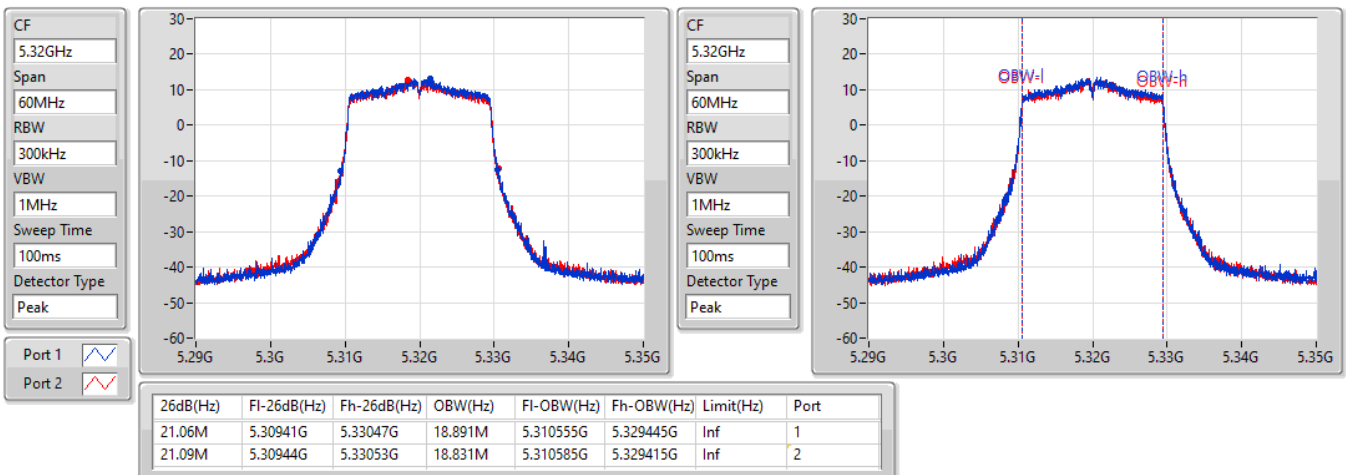


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

21/07/2021

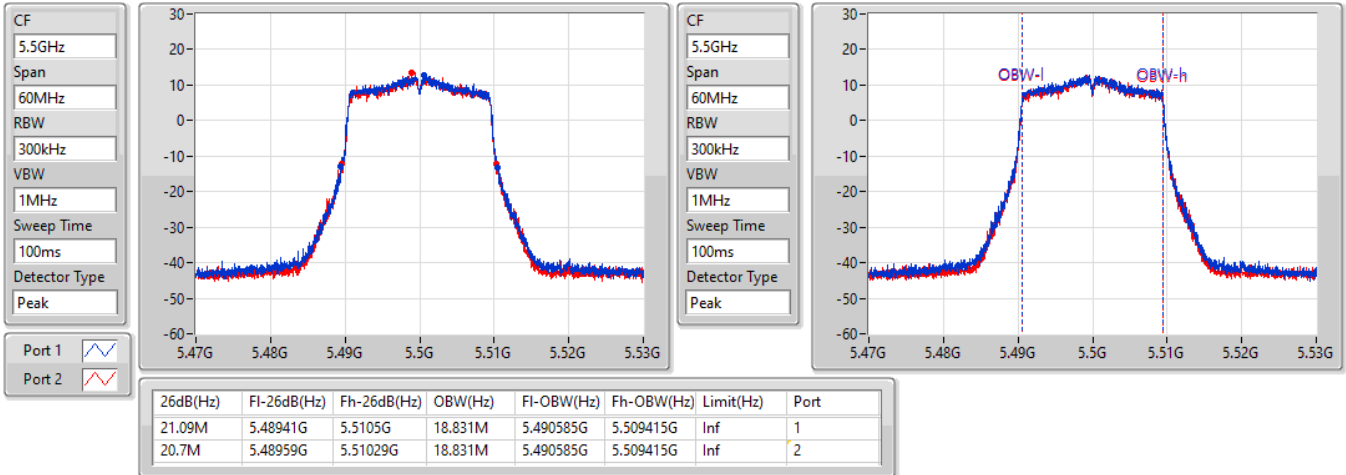

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

21/07/2021

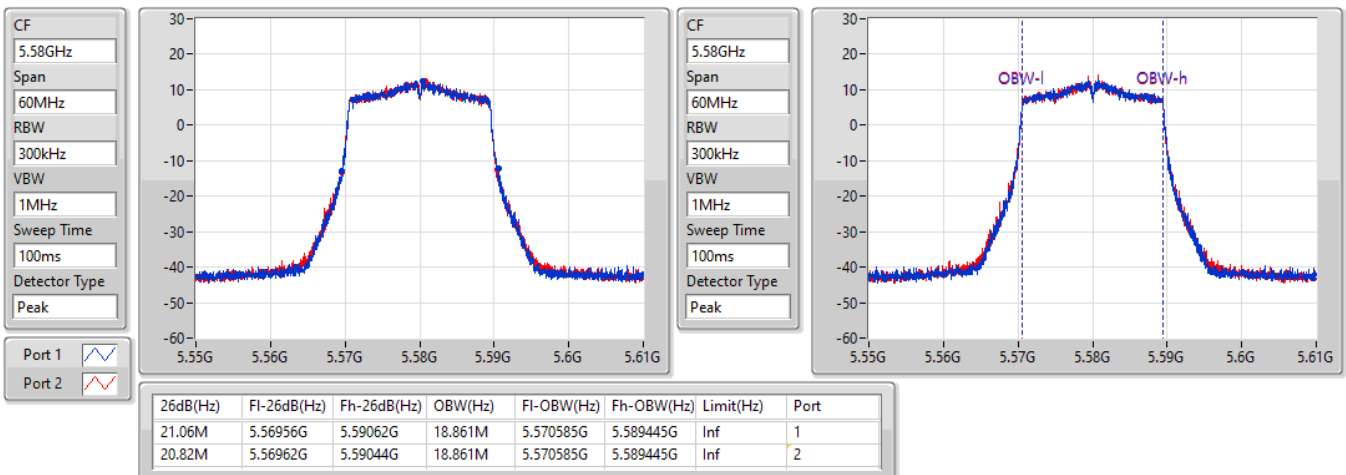


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

21/07/2021

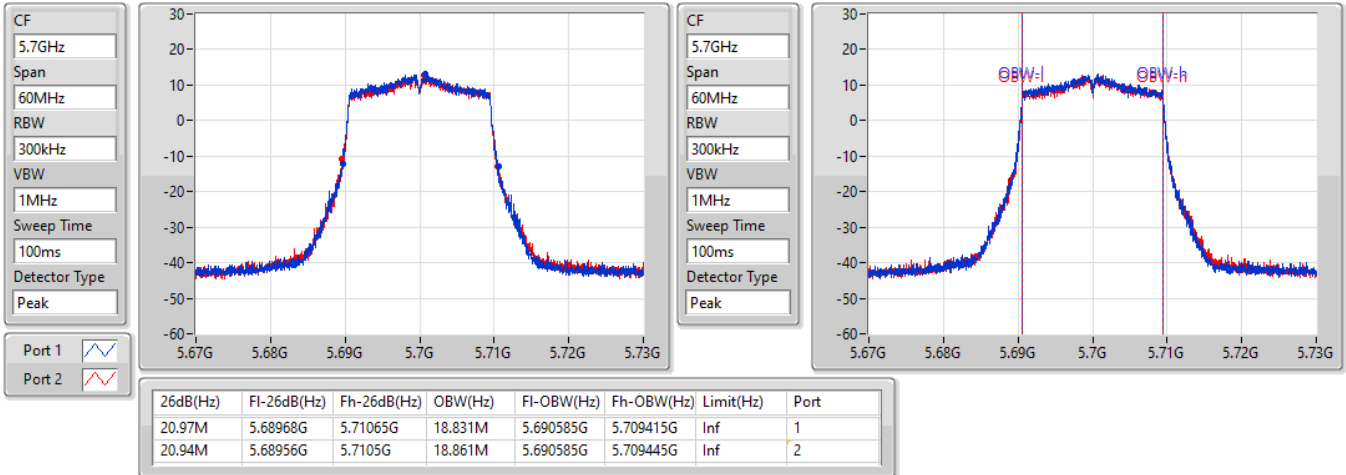

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

21/07/2021

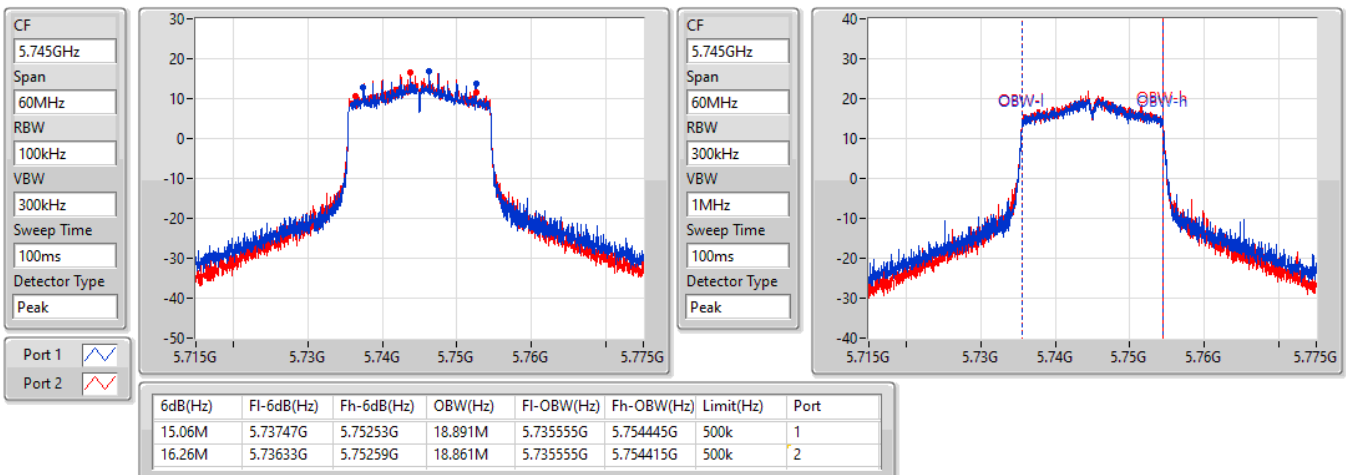


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

21/07/2021

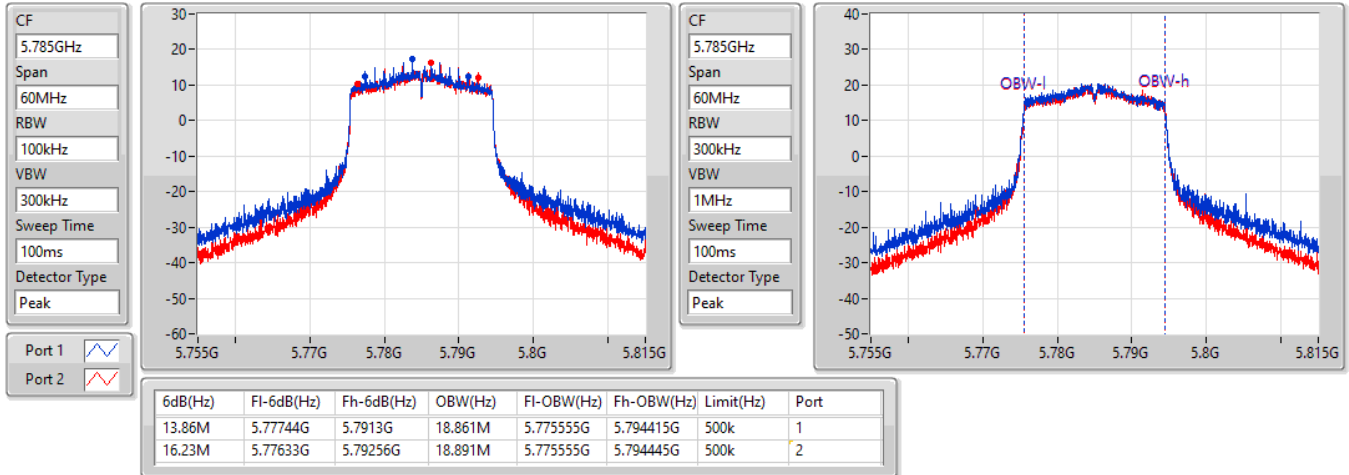

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5745MHz**

21/07/2021

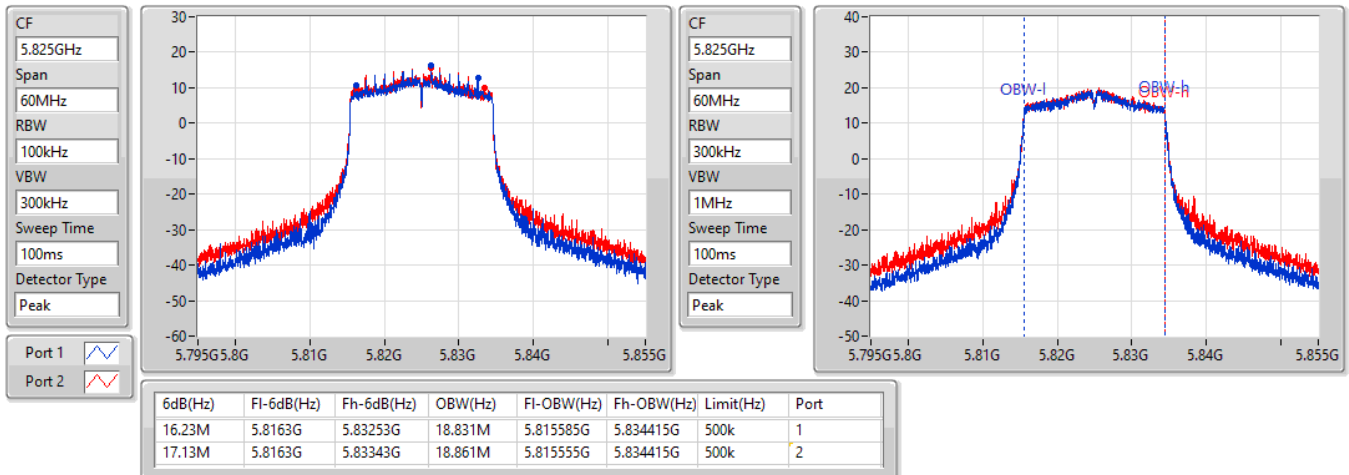


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5785MHz**

21/07/2021

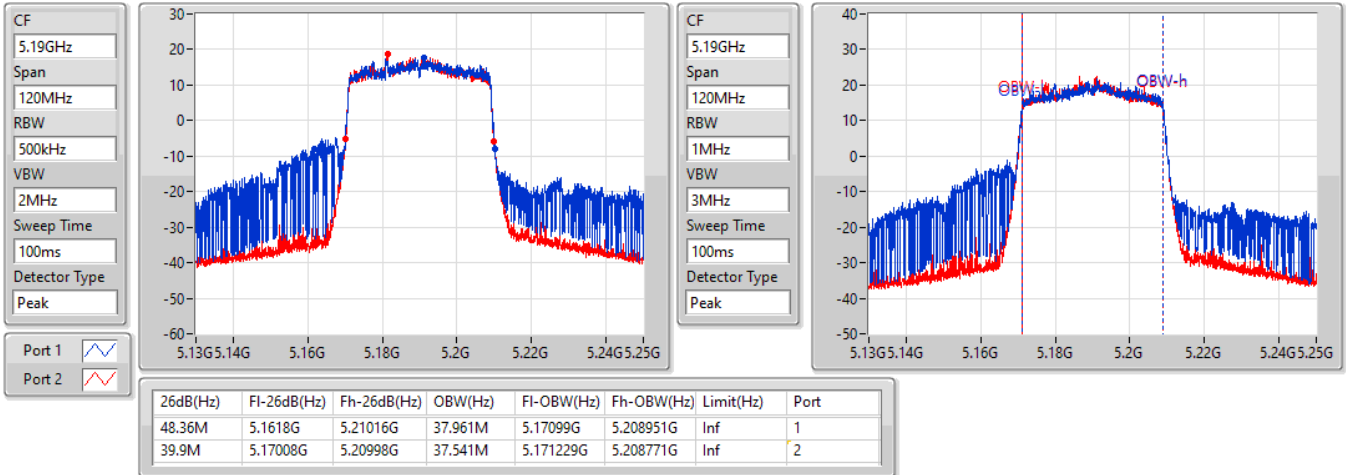

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5825MHz**

21/07/2021

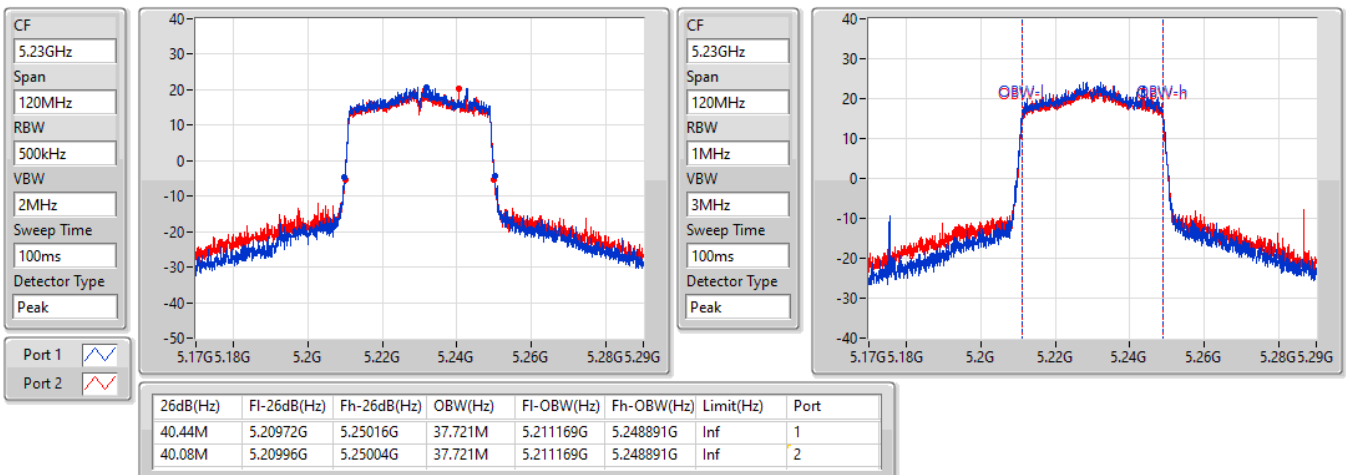


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5190MHz**

21/07/2021


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

21/07/2021

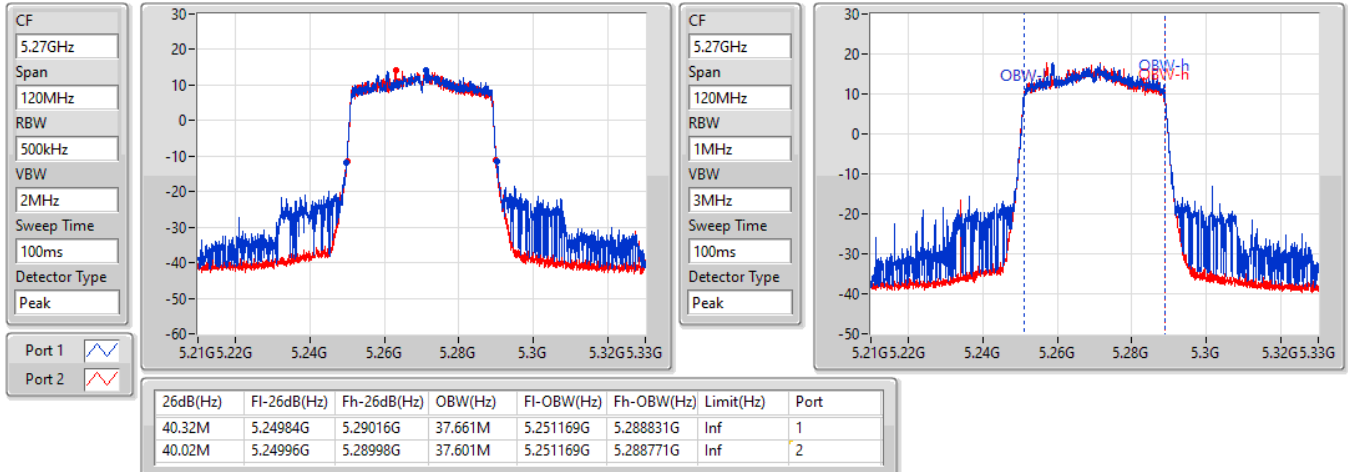


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5270MHz

21/07/2021

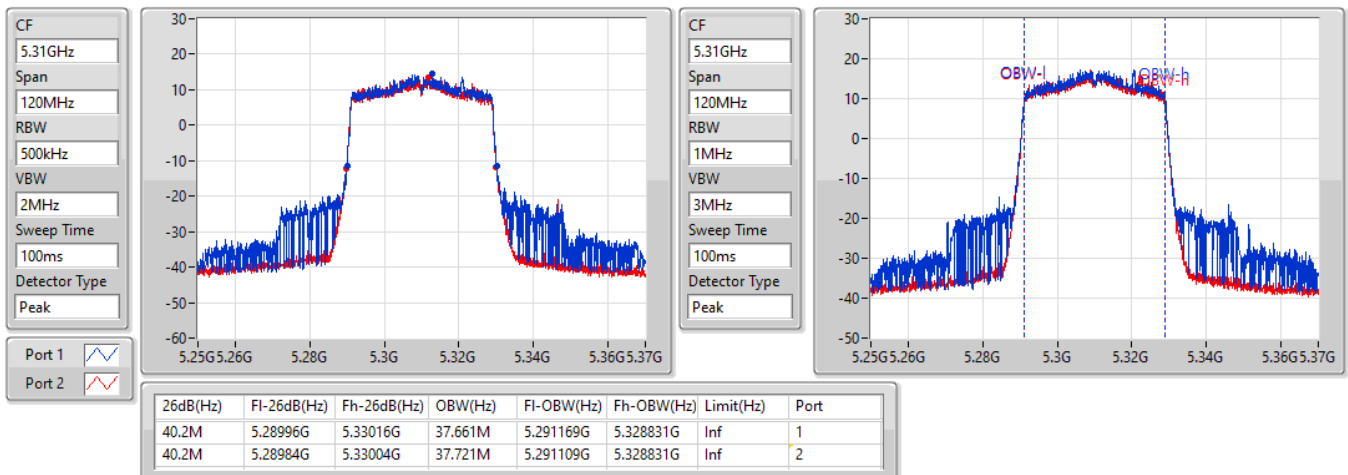


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

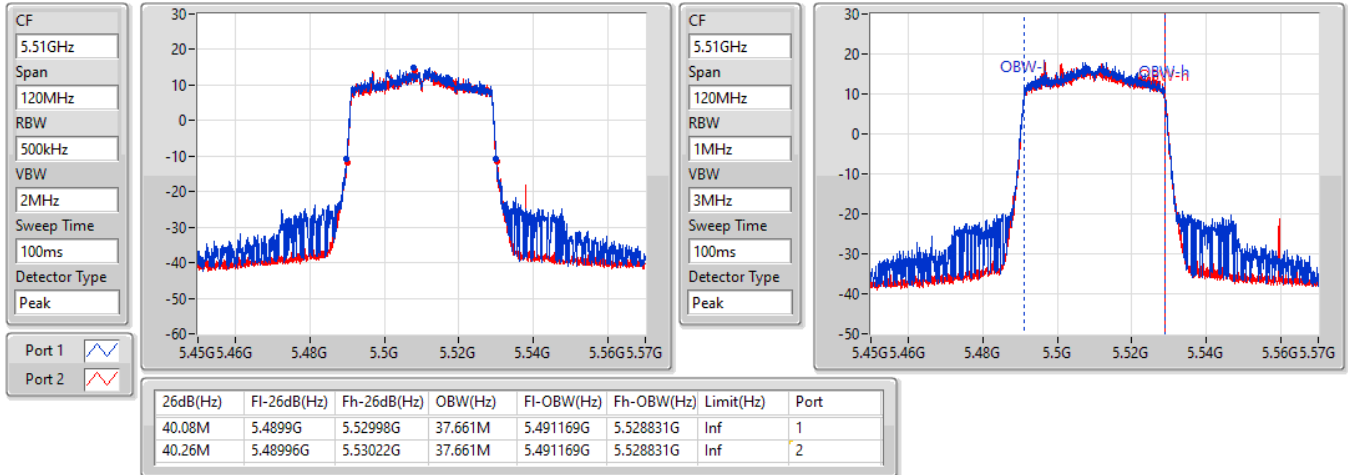
5310MHz

21/07/2021

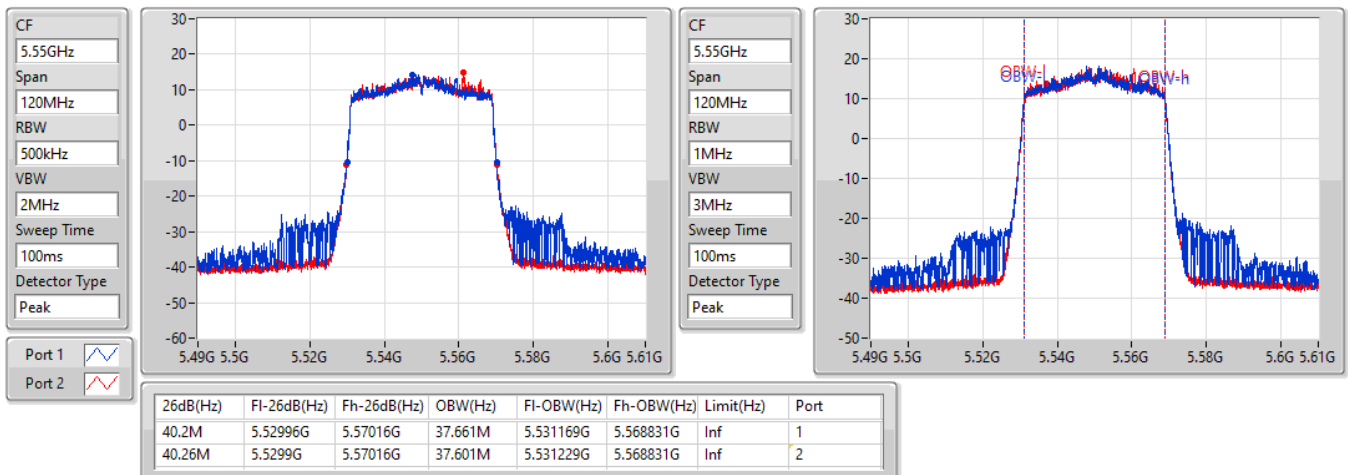


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

21/07/2021

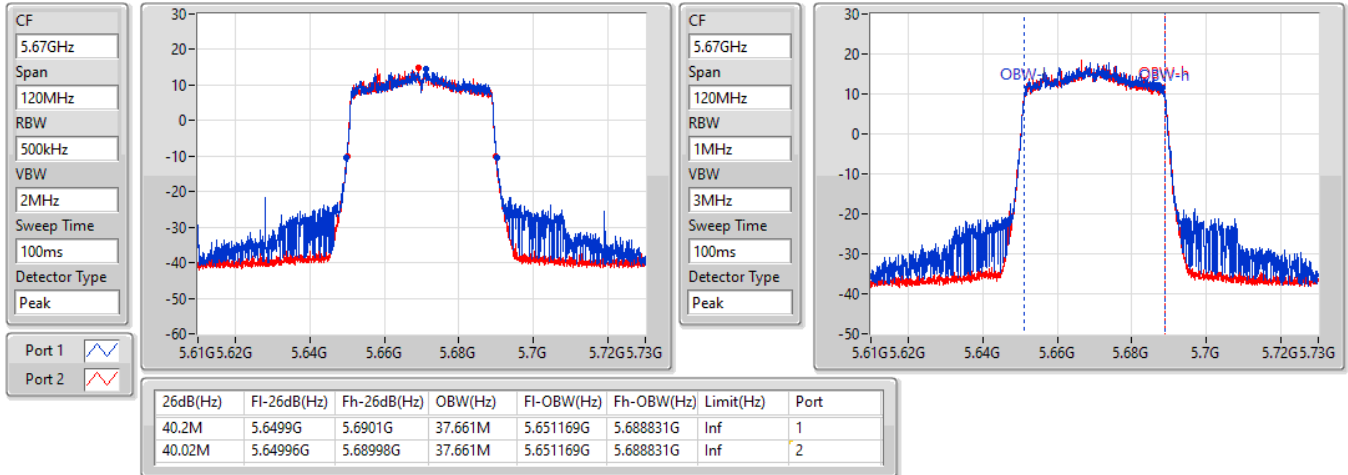

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

21/07/2021

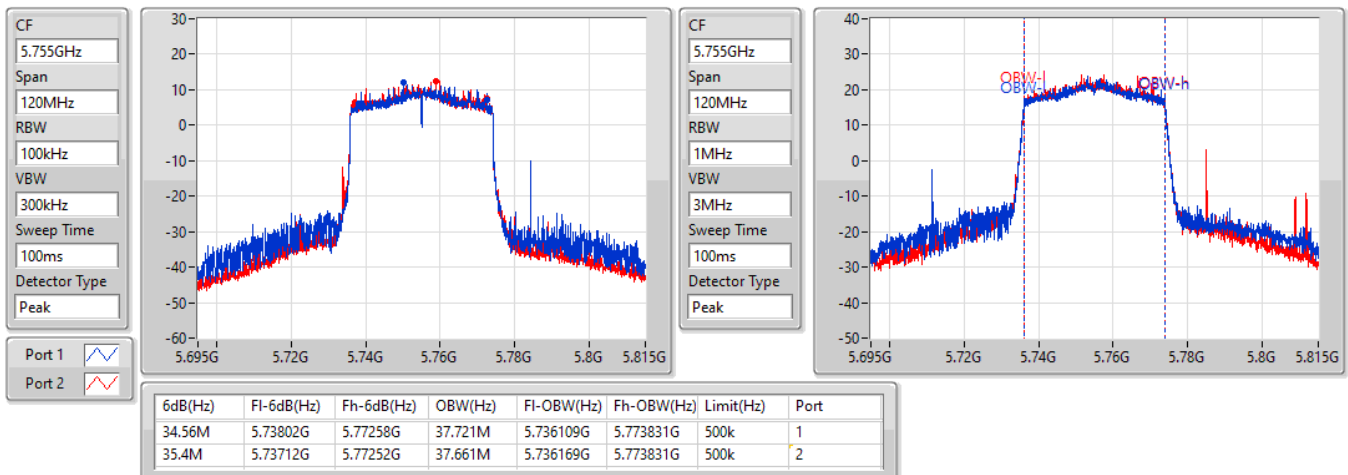


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

21/07/2021

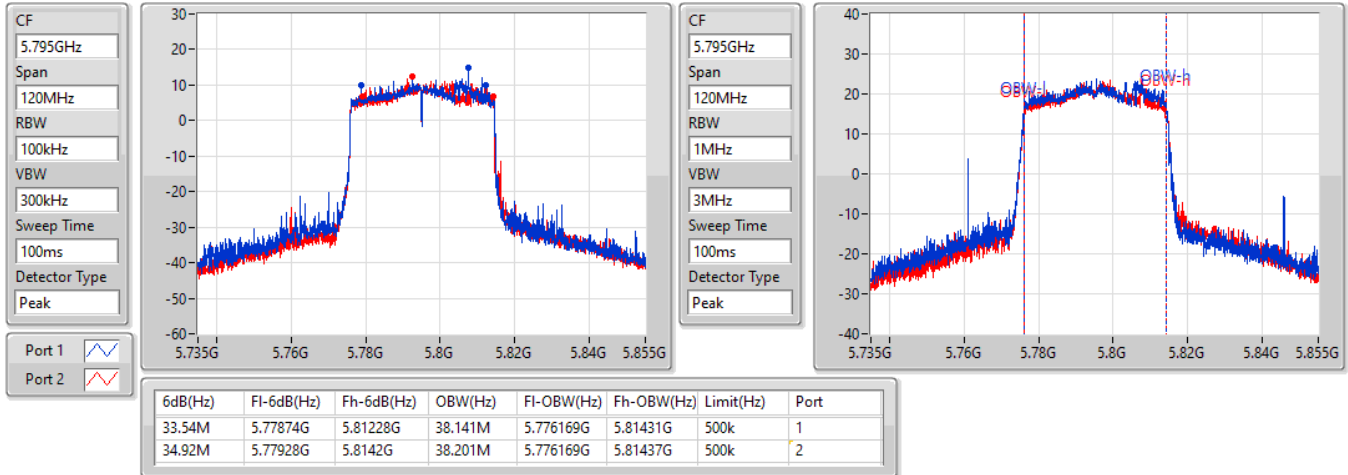

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5755MHz**

21/07/2021

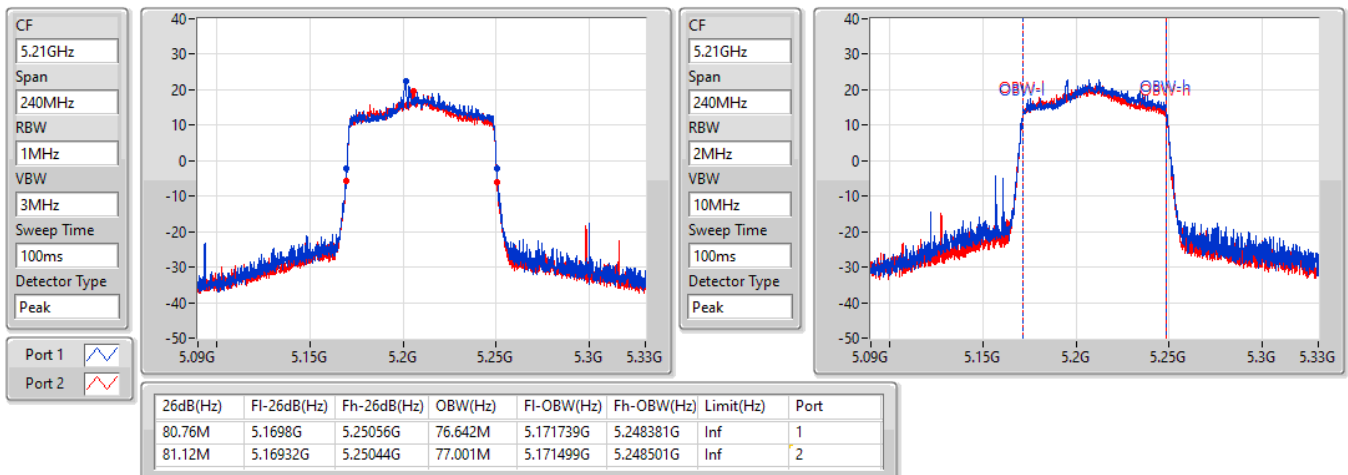


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5795MHz**

21/07/2021

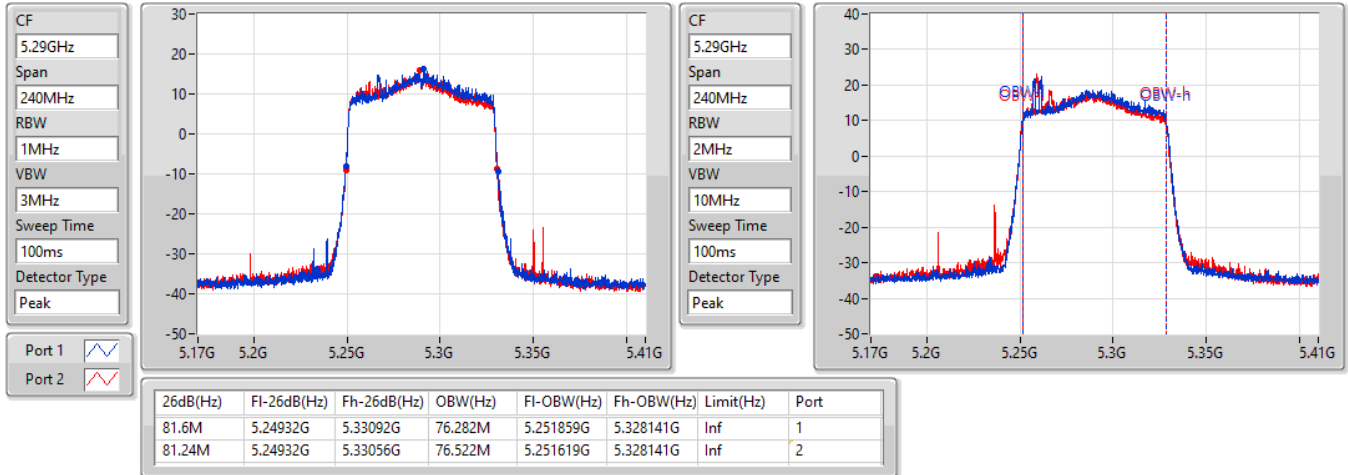

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5210MHz**

21/07/2021

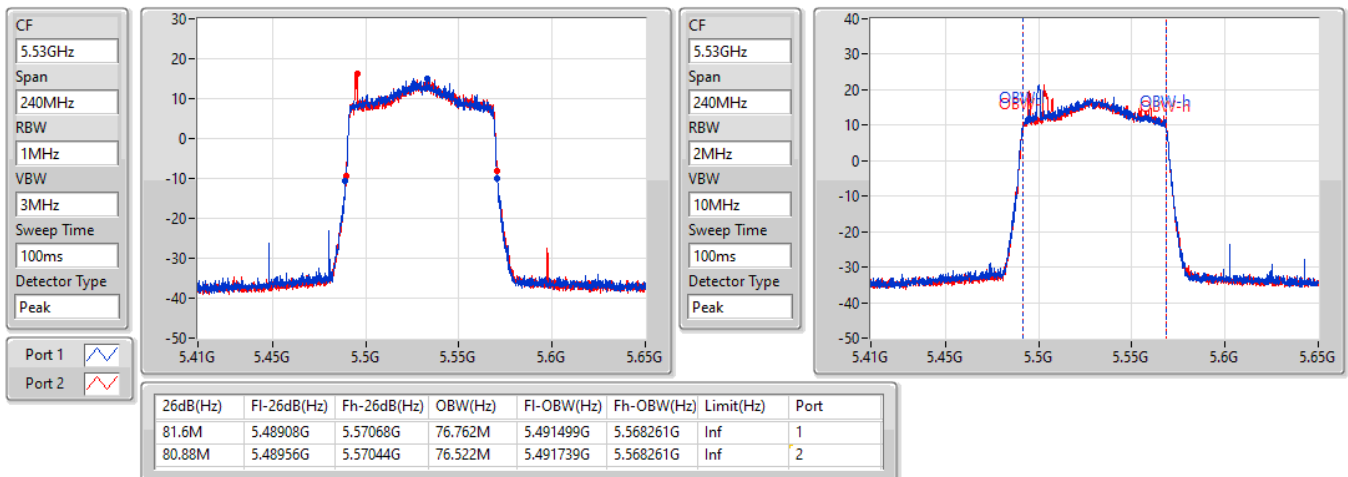


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

21/07/2021

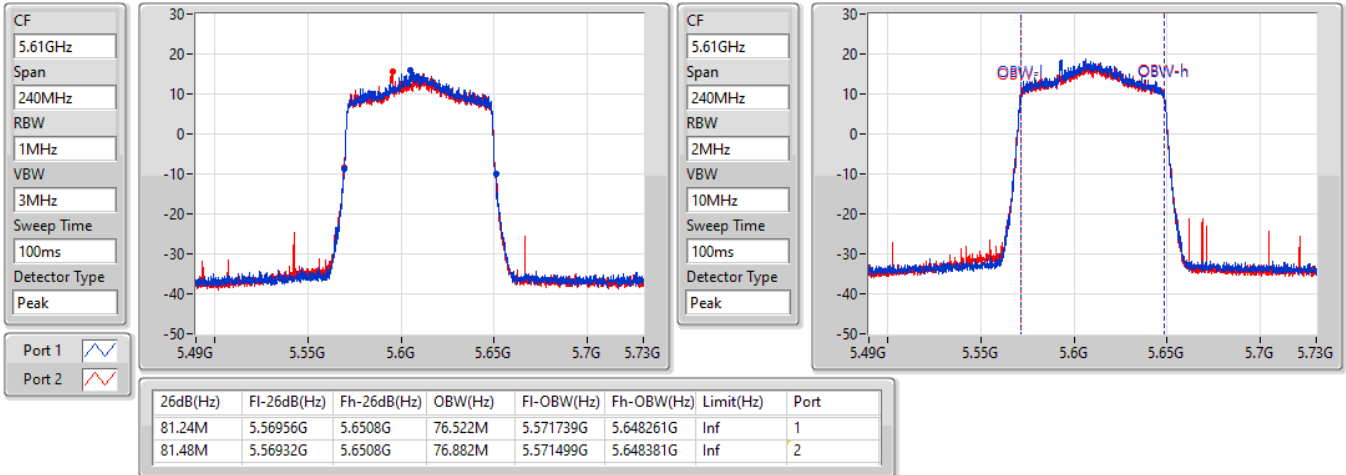

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**

21/07/2021

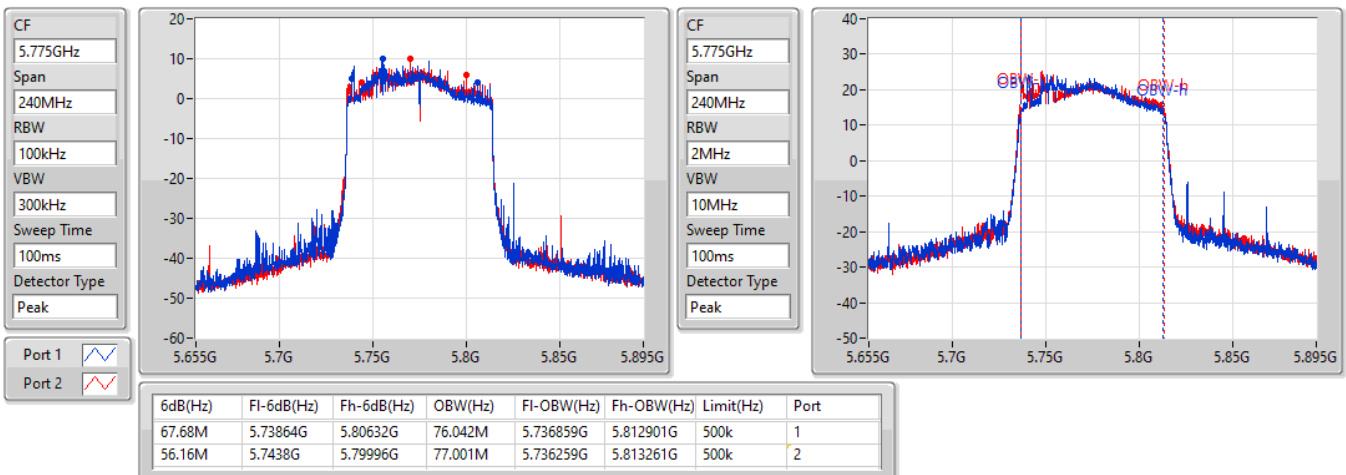


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5610MHz**

21/07/2021

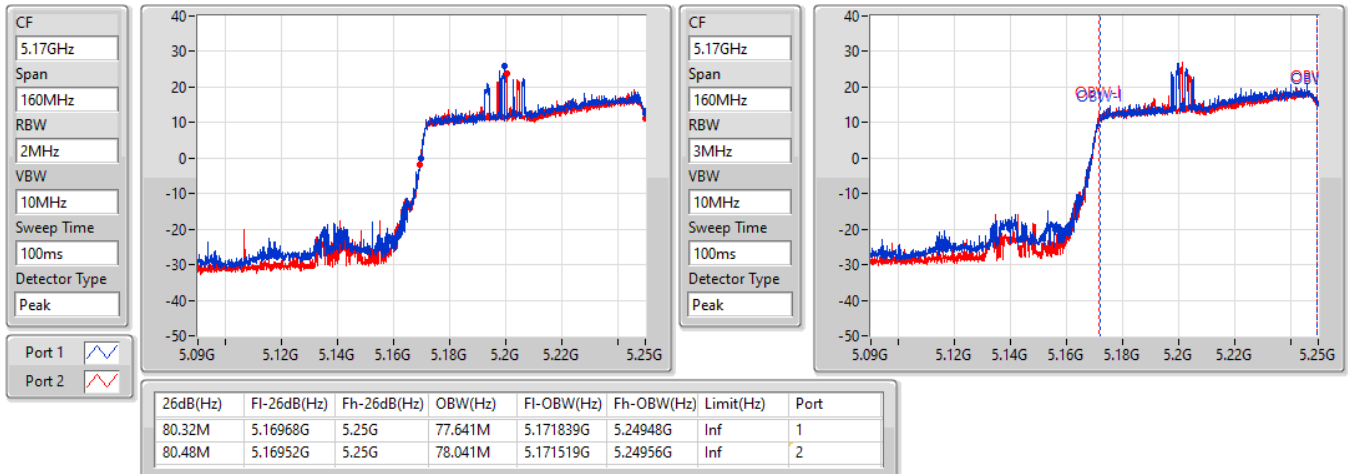

**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5775MHz**

21/07/2021

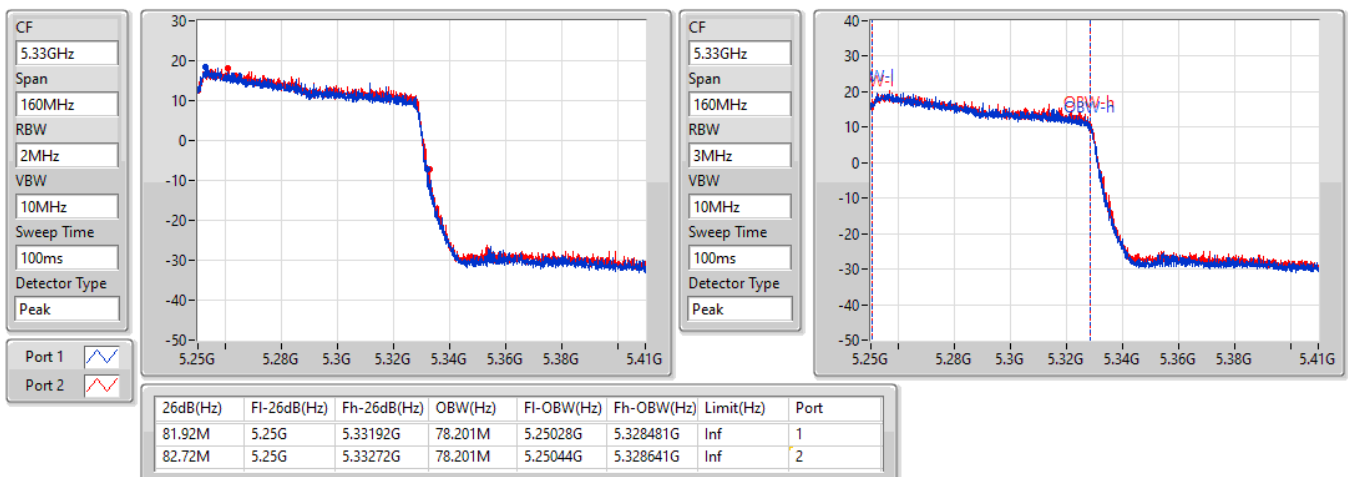


**802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5250MHz Straddle 5.15-5.25GHz**

21/07/2021


**802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5250MHz Straddle 5.25-5.35GHz**

21/07/2021

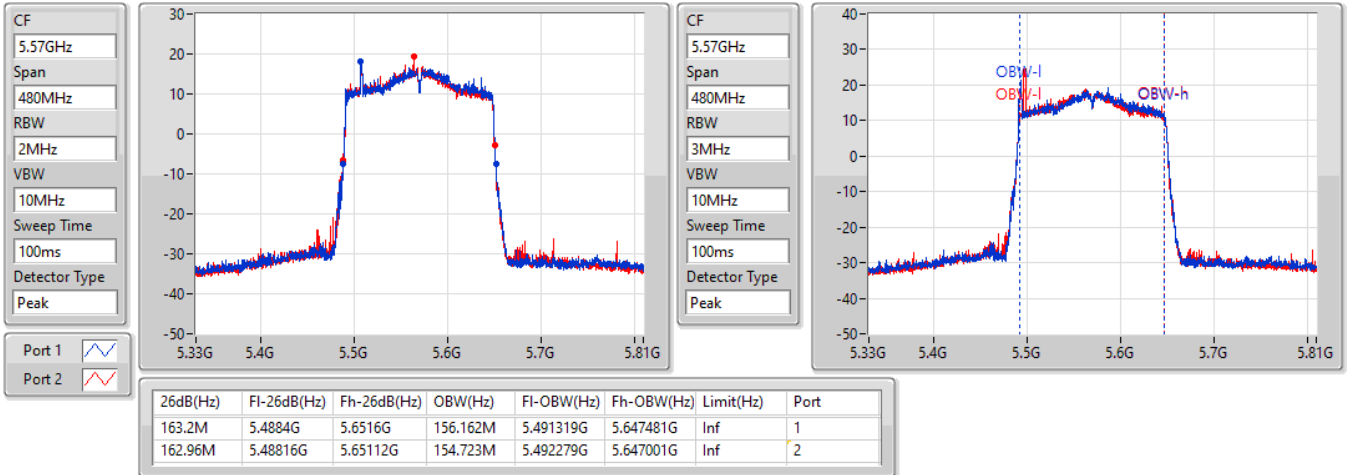


# 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5570MHz

21/07/2021



**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) |
|------------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                       | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX           | 27.86                | 0.61094            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 27.94                | 0.62230            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 29.01                | 0.79616            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 26.72                | 0.46989            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 22.60                | 0.18197            |
| 5.25-5.35GHz                       | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX           | 21.58                | 0.14388            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 22.38                | 0.17298            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 22.79                | 0.19011            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 23.45                | 0.22131            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 22.39                | 0.17338            |
| 5.47-5.725GHz                      | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX           | 21.69                | 0.14757            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 22.09                | 0.16181            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 23.16                | 0.20701            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 22.96                | 0.19770            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 22.78                | 0.18967            |
| 5.725-5.85GHz                      | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_2TX           | 29.98                | 0.99541            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 29.47                | 0.88512            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 28.80                | 0.75858            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 27.46                | 0.55719            |

## Result

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_2TX           | -      | -           | -               | -               | -                    | -                    |
| 5180MHz                            | Pass   | 3.26        | 24.97           | 24.73           | 27.86                | 30.00                |
| 5200MHz                            | Pass   | 3.26        | 24.74           | 24.41           | 27.59                | 30.00                |
| 5240MHz                            | Pass   | 3.26        | 24.85           | 24.12           | 27.51                | 30.00                |
| 5260MHz                            | Pass   | 3.20        | 18.46           | 18.54           | 21.51                | 23.76                |
| 5300MHz                            | Pass   | 3.20        | 18.89           | 18.22           | 21.58                | 23.90                |
| 5320MHz                            | Pass   | 3.20        | 18.84           | 18.17           | 21.53                | 23.90                |
| 5500MHz                            | Pass   | 3.58        | 18.78           | 18.32           | 21.57                | 23.88                |
| 5580MHz                            | Pass   | 3.58        | 18.70           | 18.36           | 21.54                | 23.76                |
| 5700MHz                            | Pass   | 3.58        | 18.89           | 18.46           | 21.69                | 23.81                |
| 5745MHz                            | Pass   | 3.67        | 26.81           | 27.12           | 29.98                | 30.00                |
| 5785MHz                            | Pass   | 3.67        | 27.16           | 26.73           | 29.96                | 30.00                |
| 5825MHz                            | Pass   | 3.67        | 26.88           | 27.04           | 29.97                | 30.00                |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    |
| 5180MHz                            | Pass   | 5.90        | 24.64           | 24.76           | 27.71                | 30.00                |
| 5200MHz                            | Pass   | 5.90        | 24.97           | 24.43           | 27.72                | 30.00                |
| 5240MHz                            | Pass   | 5.90        | 25.24           | 24.60           | 27.94                | 30.00                |
| 5260MHz                            | Pass   | 5.93        | 18.54           | 18.49           | 21.53                | 23.98                |
| 5300MHz                            | Pass   | 5.93        | 18.87           | 18.12           | 21.52                | 23.98                |
| 5320MHz                            | Pass   | 5.93        | 19.65           | 19.06           | 22.38                | 23.98                |
| 5500MHz                            | Pass   | 6.28        | 19.09           | 18.69           | 21.90                | 23.70                |
| 5580MHz                            | Pass   | 6.28        | 18.73           | 18.64           | 21.70                | 23.70                |
| 5700MHz                            | Pass   | 6.28        | 19.36           | 18.77           | 22.09                | 23.70                |
| 5745MHz                            | Pass   | 6.36        | 26.32           | 26.56           | 29.45                | 29.64                |
| 5785MHz                            | Pass   | 6.36        | 26.65           | 26.27           | 29.47                | 29.64                |
| 5825MHz                            | Pass   | 6.36        | 25.67           | 25.89           | 28.79                | 29.64                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    |
| 5190MHz                            | Pass   | 5.90        | 23.84           | 23.71           | 26.79                | 30.00                |
| 5230MHz                            | Pass   | 5.90        | 26.34           | 25.62           | 29.01                | 30.00                |
| 5270MHz                            | Pass   | 5.93        | 19.86           | 19.69           | 22.79                | 23.98                |
| 5310MHz                            | Pass   | 5.93        | 19.93           | 19.45           | 22.71                | 23.98                |
| 5510MHz                            | Pass   | 6.28        | 20.37           | 19.92           | 23.16                | 23.70                |
| 5550MHz                            | Pass   | 6.28        | 20.12           | 20.01           | 23.08                | 23.70                |
| 5670MHz                            | Pass   | 6.28        | 20.02           | 19.79           | 22.92                | 23.70                |
| 5755MHz                            | Pass   | 6.36        | 25.57           | 25.75           | 28.67                | 29.64                |
| 5795MHz                            | Pass   | 6.36        | 25.93           | 25.65           | 28.80                | 29.64                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -                    |
| 5210MHz                            | Pass   | 5.90        | 23.93           | 23.48           | 26.72                | 30.00                |
| 5290MHz                            | Pass   | 5.93        | 20.71           | 20.15           | 23.45                | 23.98                |
| 5530MHz                            | Pass   | 6.28        | 20.12           | 19.78           | 22.96                | 23.70                |
| 5610MHz                            | Pass   | 6.28        | 20.07           | 19.59           | 22.85                | 23.70                |
| 5775MHz                            | Pass   | 6.36        | 24.43           | 24.46           | 27.46                | 29.64                |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 5.90        | 19.79           | 19.37           | 22.60                | 30.00                |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 5.93        | 19.14           | 19.60           | 22.39                | 23.98                |
| 5570MHz                            | Pass   | 6.28        | 19.87           | 19.66           | 22.78                | 23.70                |

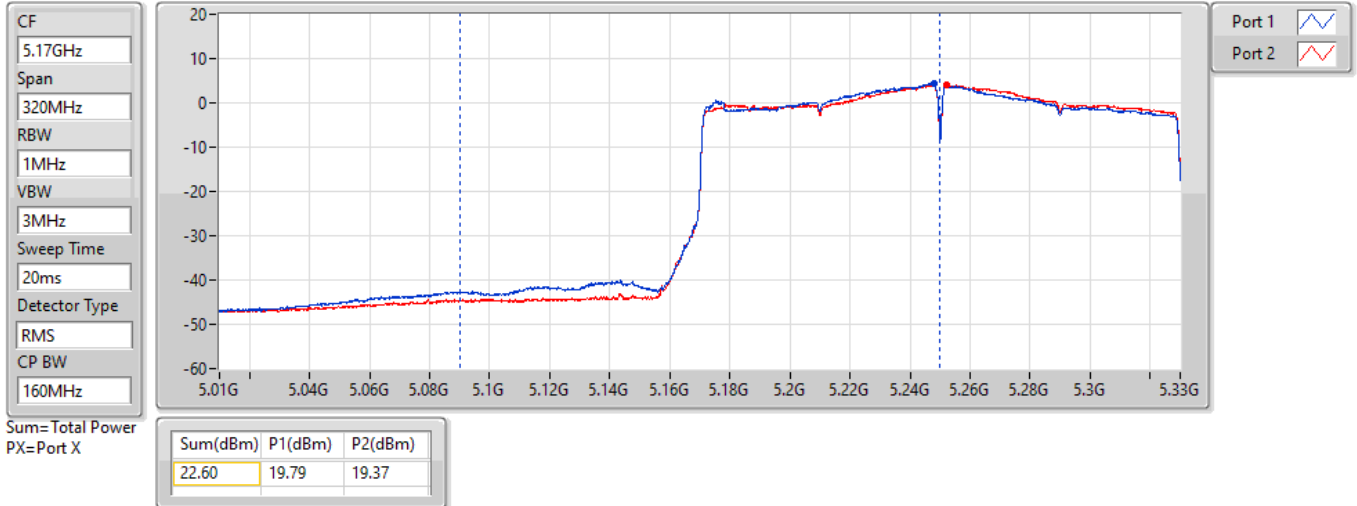
DG = Directional Gain; Port X = Port X output power

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

## AV Power

### 5250MHz Straddle 5.15-5.25GHz\_TnomVnom

21/07/2021

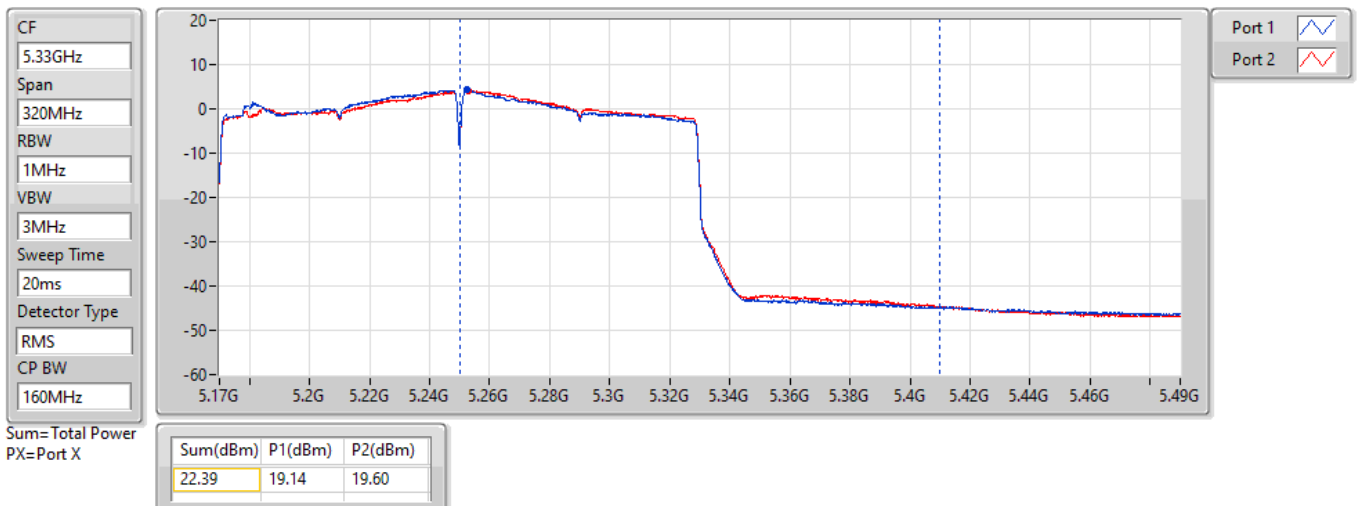


## 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

## AV Power

### 5250MHz Straddle 5.25-5.35GHz\_TnomVnom

21/07/2021



**Summary**

| Mode                               | PD<br>(dBm/RBW) |
|------------------------------------|-----------------|
| 5.15-5.25GHz                       | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 16.46           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 16.21           |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 14.46           |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 9.78            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 5.32            |
| 5.25-5.35GHz                       | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 10.46           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 10.47           |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 8.24            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 6.59            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 5.88            |
| 5.47-5.725GHz                      | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 10.23           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 10.15           |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 8.61            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 6.11            |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | 3.92            |
| 5.725-5.85GHz                      | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 17.24           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | 16.19           |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | 12.54           |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | 8.83            |

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) |
|------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11a_Nss1,(6Mbps)_2TX           | -      | -           | -                   | -                   | -               | -                     |
| 5180MHz                            | Pass   | 5.90        | 13.47               | 13.62               | 16.46           | 17.00                 |
| 5200MHz                            | Pass   | 5.90        | 13.31               | 13.38               | 16.34           | 17.00                 |
| 5240MHz                            | Pass   | 5.90        | 13.67               | 12.89               | 16.31           | 17.00                 |
| 5260MHz                            | Pass   | 5.93        | 7.15                | 7.63                | 10.35           | 11.00                 |
| 5300MHz                            | Pass   | 5.93        | 7.90                | 7.13                | 10.46           | 11.00                 |
| 5320MHz                            | Pass   | 5.93        | 7.60                | 7.00                | 10.32           | 11.00                 |
| 5500MHz                            | Pass   | 6.28        | 7.43                | 6.84                | 10.16           | 10.72                 |
| 5580MHz                            | Pass   | 6.28        | 7.66                | 6.80                | 10.23           | 10.72                 |
| 5700MHz                            | Pass   | 6.28        | 7.45                | 7.01                | 10.12           | 10.72                 |
| 5745MHz                            | Pass   | 6.36        | 14.21               | 14.31               | 17.19           | 29.64                 |
| 5785MHz                            | Pass   | 6.36        | 14.33               | 14.01               | 17.14           | 29.64                 |
| 5825MHz                            | Pass   | 6.36        | 14.11               | 14.53               | 17.24           | 29.64                 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX  | -      | -           | -                   | -                   | -               | -                     |
| 5180MHz                            | Pass   | 5.90        | 12.91               | 13.09               | 15.96           | 17.00                 |
| 5200MHz                            | Pass   | 5.90        | 13.52               | 12.79               | 16.16           | 17.00                 |
| 5240MHz                            | Pass   | 5.90        | 13.56               | 12.92               | 16.21           | 17.00                 |
| 5260MHz                            | Pass   | 5.93        | 6.68                | 6.78                | 9.69            | 11.00                 |
| 5300MHz                            | Pass   | 5.93        | 7.09                | 6.29                | 9.67            | 11.00                 |
| 5320MHz                            | Pass   | 5.93        | 7.72                | 7.30                | 10.47           | 11.00                 |
| 5500MHz                            | Pass   | 6.28        | 7.39                | 6.95                | 10.11           | 10.72                 |
| 5580MHz                            | Pass   | 6.28        | 7.27                | 6.95                | 9.91            | 10.72                 |
| 5700MHz                            | Pass   | 6.28        | 7.43                | 6.94                | 10.15           | 10.72                 |
| 5745MHz                            | Pass   | 6.36        | 13.20               | 13.34               | 16.19           | 29.64                 |
| 5785MHz                            | Pass   | 6.36        | 13.36               | 12.94               | 16.11           | 29.64                 |
| 5825MHz                            | Pass   | 6.36        | 12.46               | 12.75               | 15.46           | 29.64                 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX  | -      | -           | -                   | -                   | -               | -                     |
| 5190MHz                            | Pass   | 5.90        | 9.13                | 9.23                | 12.10           | 17.00                 |
| 5230MHz                            | Pass   | 5.90        | 11.99               | 11.04               | 14.46           | 17.00                 |
| 5270MHz                            | Pass   | 5.93        | 5.11                | 5.11                | 8.08            | 11.00                 |
| 5310MHz                            | Pass   | 5.93        | 5.67                | 4.87                | 8.24            | 11.00                 |
| 5510MHz                            | Pass   | 6.28        | 5.91                | 5.07                | 8.42            | 10.72                 |
| 5550MHz                            | Pass   | 6.28        | 5.59                | 5.72                | 8.61            | 10.72                 |
| 5670MHz                            | Pass   | 6.28        | 5.43                | 5.20                | 8.19            | 10.72                 |
| 5755MHz                            | Pass   | 6.36        | 9.54                | 9.58                | 12.54           | 29.64                 |
| 5795MHz                            | Pass   | 6.36        | 9.48                | 9.36                | 12.37           | 29.64                 |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX  | -      | -           | -                   | -                   | -               | -                     |
| 5210MHz                            | Pass   | 5.90        | 7.10                | 6.51                | 9.78            | 17.00                 |
| 5290MHz                            | Pass   | 5.93        | 3.91                | 3.25                | 6.59            | 11.00                 |
| 5530MHz                            | Pass   | 6.28        | 3.16                | 2.93                | 5.92            | 10.72                 |
| 5610MHz                            | Pass   | 6.28        | 3.59                | 2.74                | 6.11            | 10.72                 |
| 5775MHz                            | Pass   | 6.36        | 5.99                | 5.75                | 8.83            | 29.64                 |
| 802.11ax HEW160-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 5.90        | 2.59                | 2.19                | 5.32            | 17.00                 |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 5.93        | 3.01                | 2.93                | 5.88            | 11.00                 |
| 5570MHz                            | Pass   | 6.28        | 0.75                | 1.20                | 3.92            | 10.72                 |

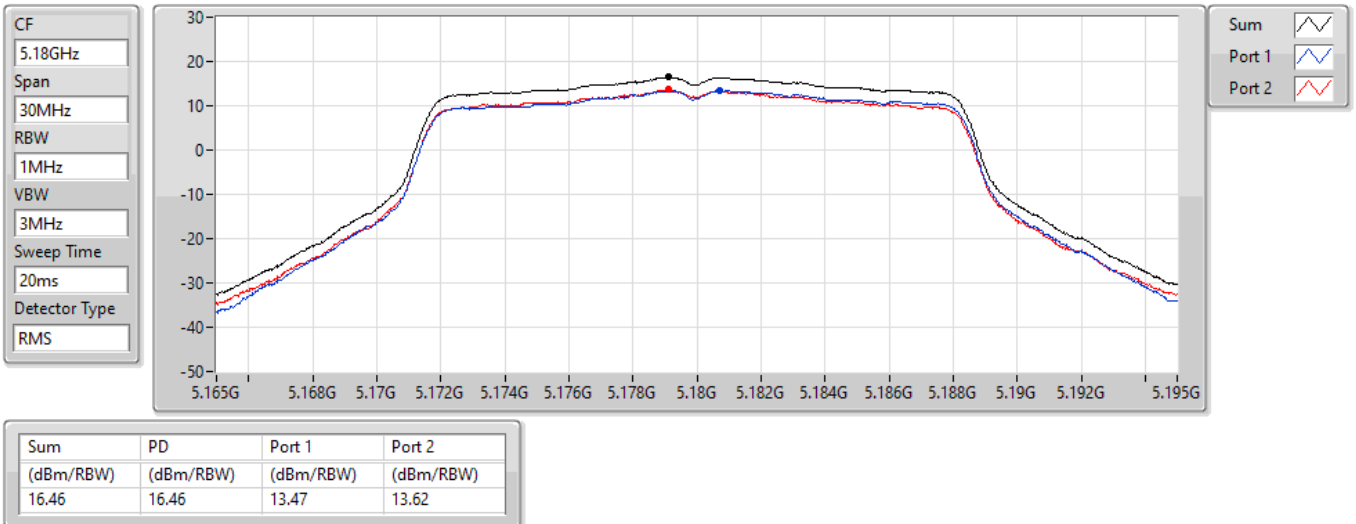
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

## PSD

5180MHz

21/07/2021

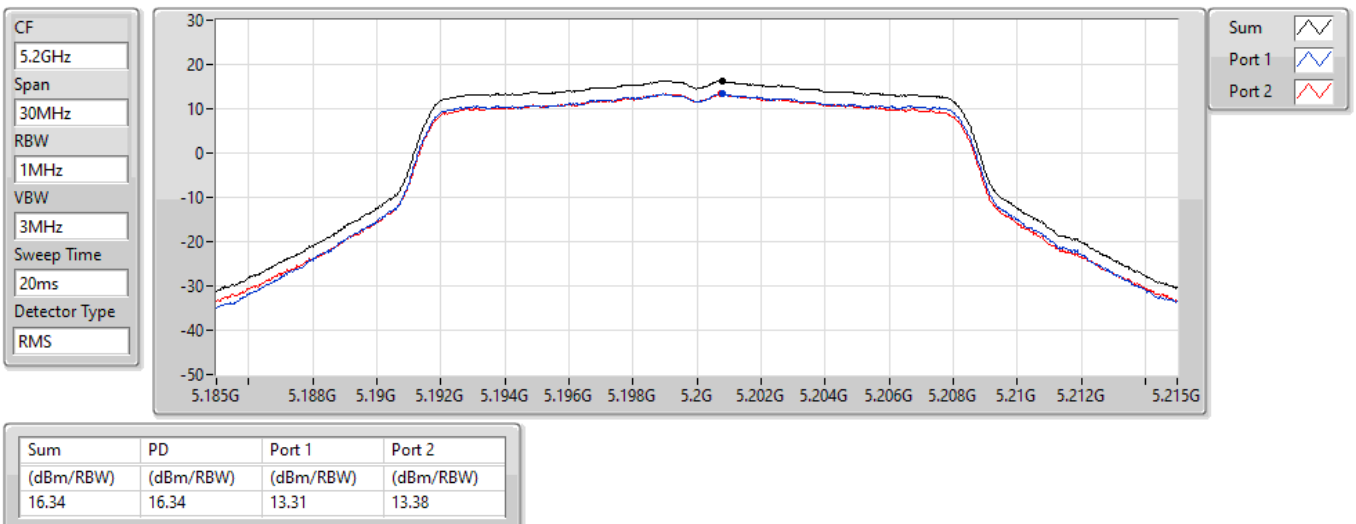


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5200MHz

21/07/2021

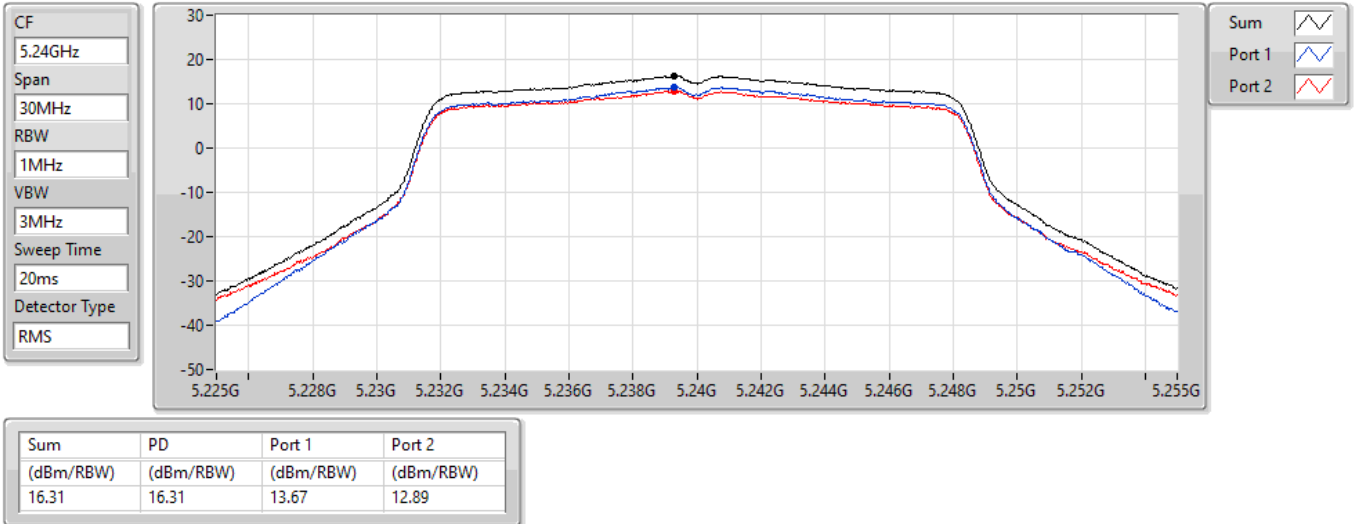


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5240MHz

21/07/2021

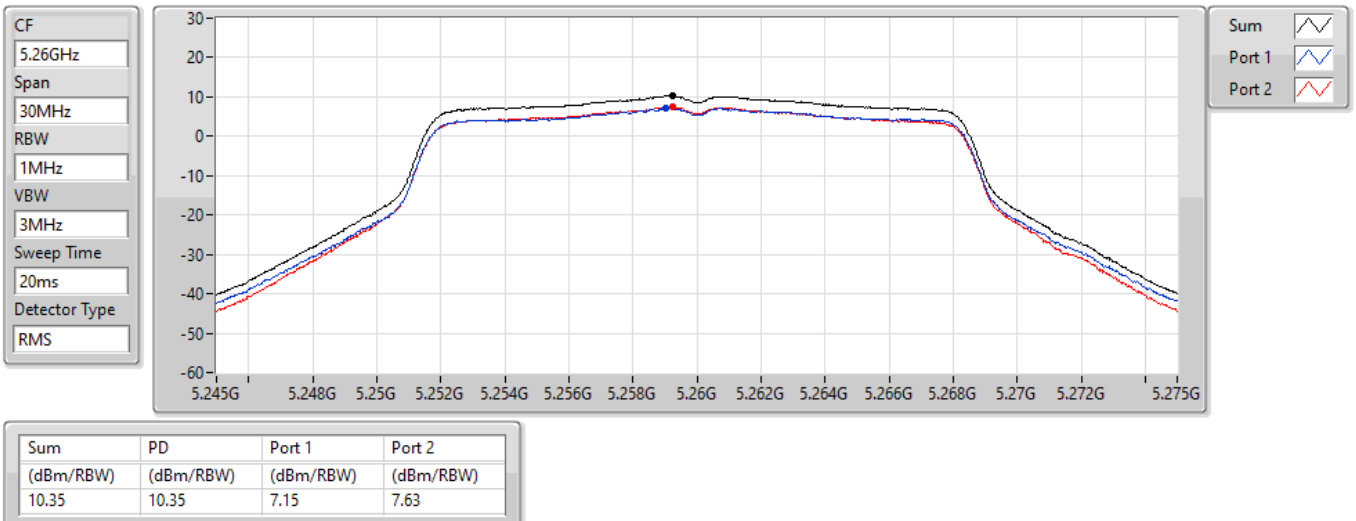


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5260MHz

21/07/2021

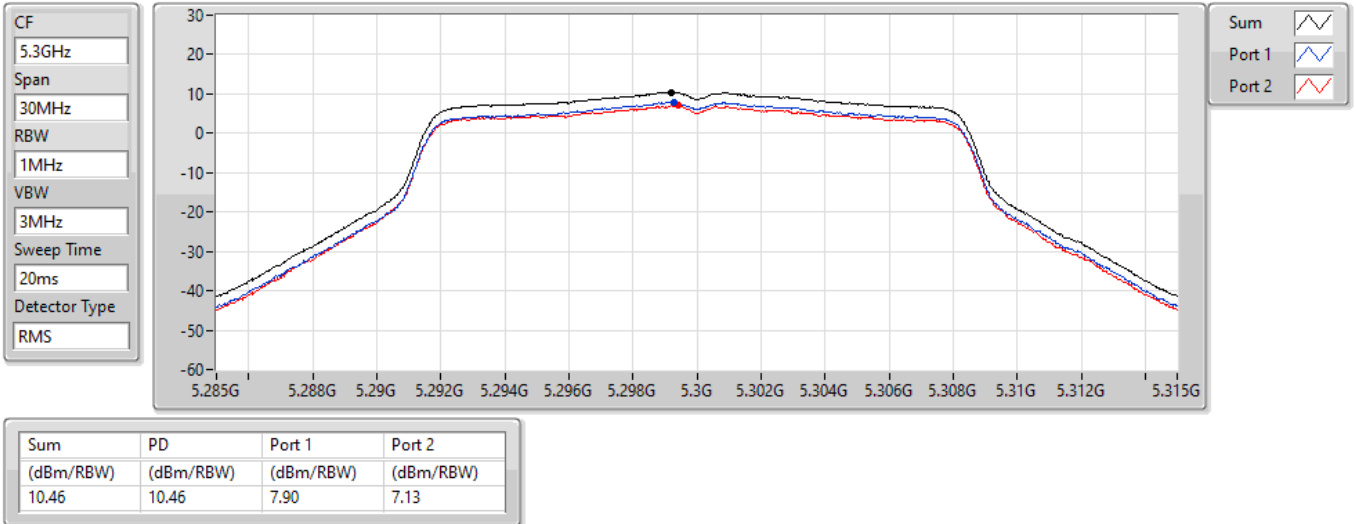


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5300MHz

21/07/2021

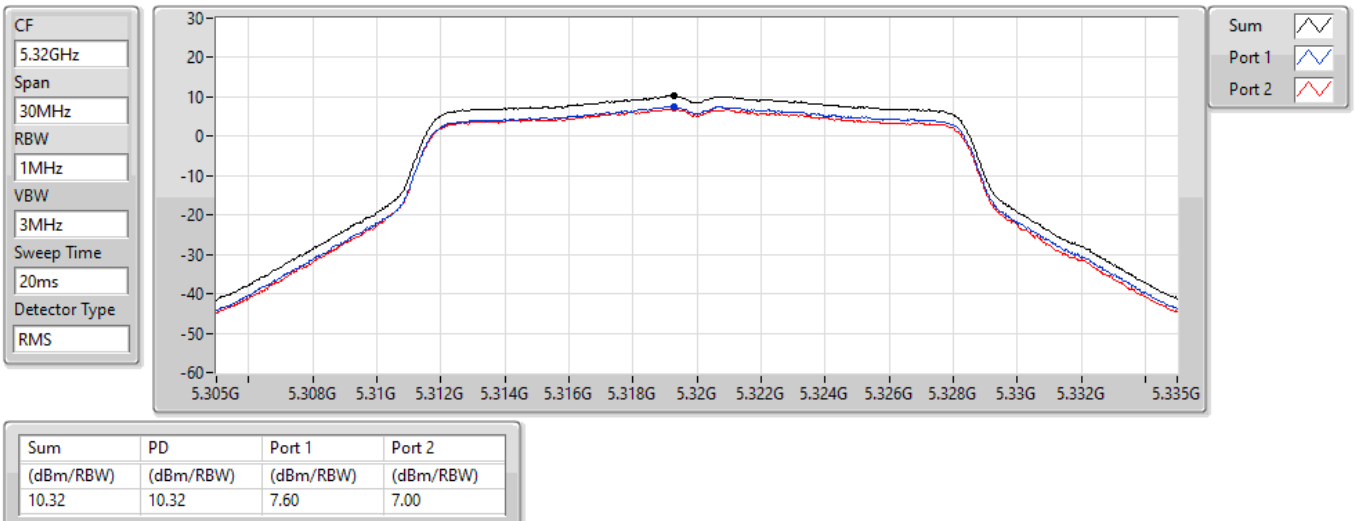


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5320MHz

21/07/2021

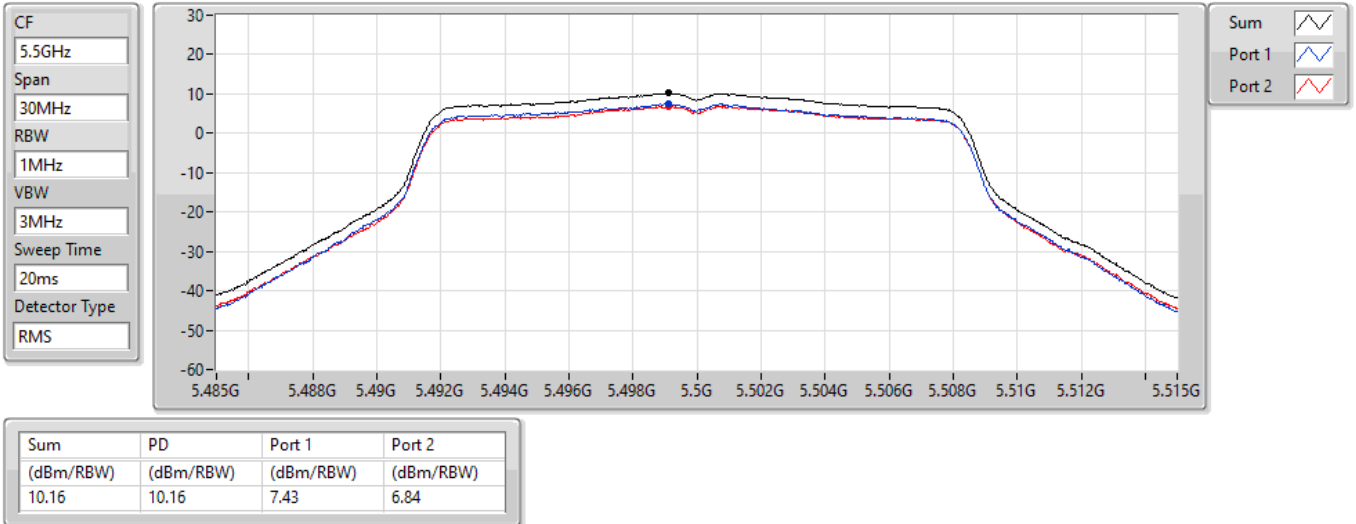


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5500MHz

21/07/2021

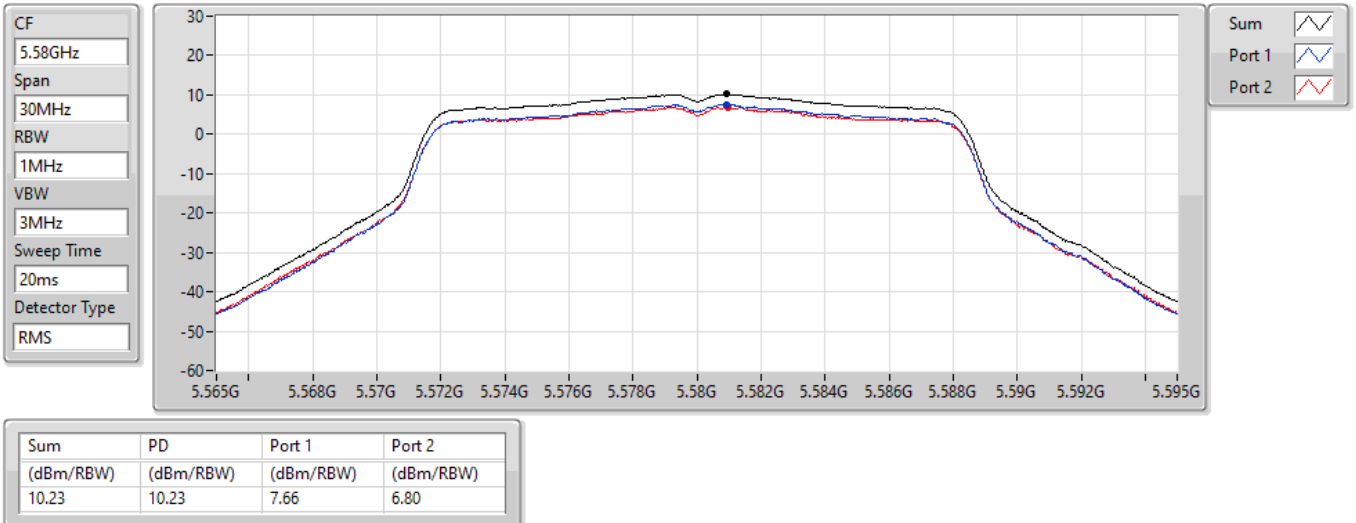


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5580MHz

21/07/2021

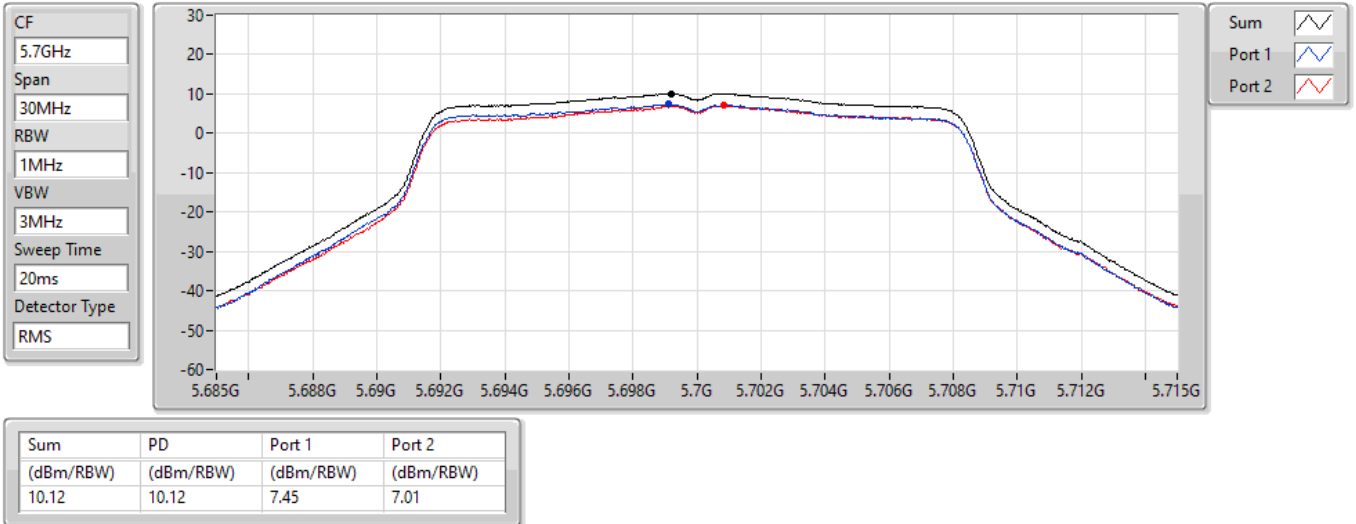


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5700MHz

21/07/2021

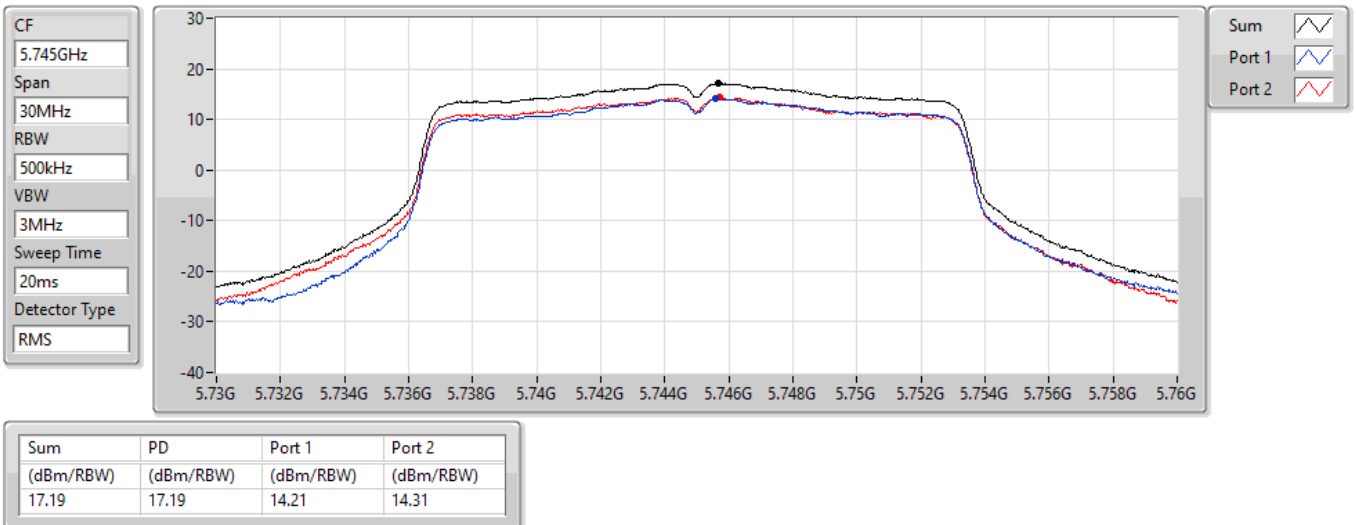


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5745MHz

21/07/2021

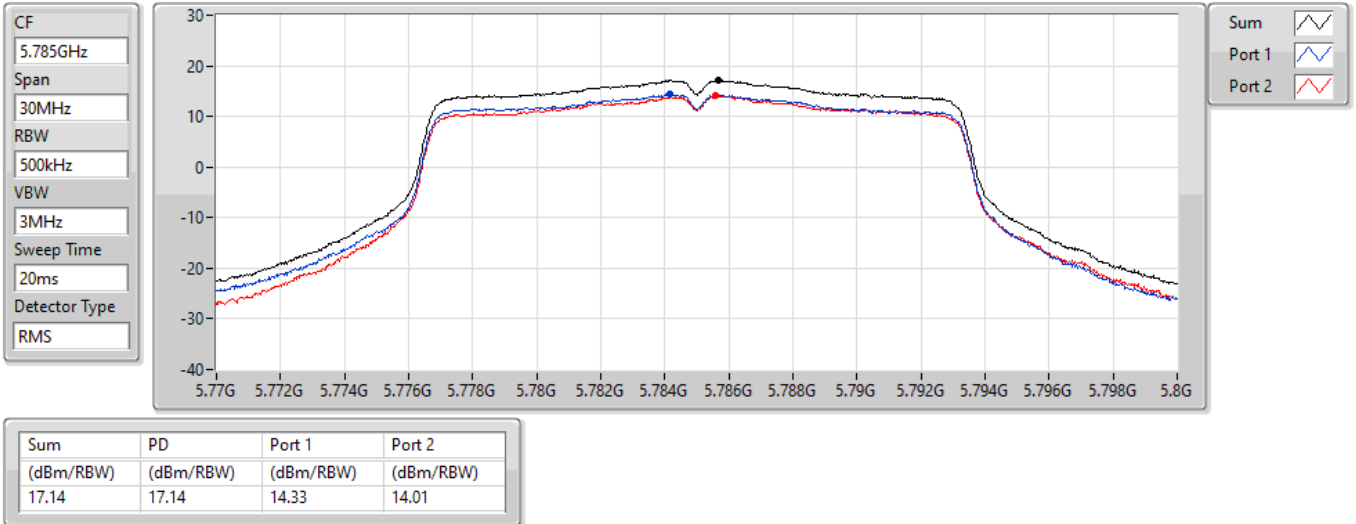


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5785MHz

21/07/2021

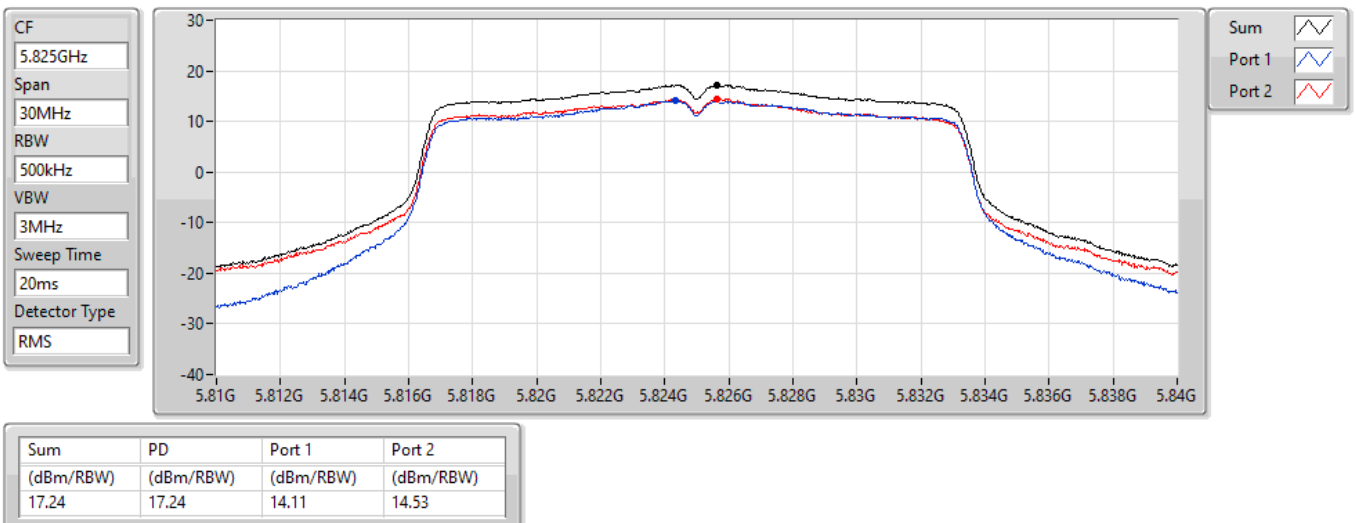


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5825MHz

21/07/2021

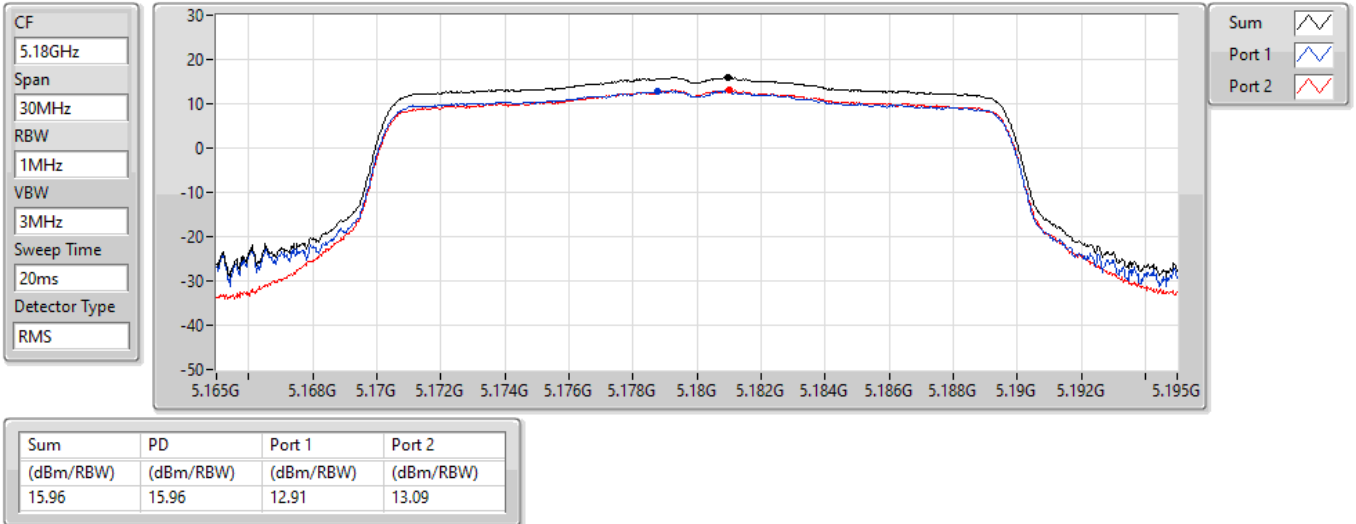


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5180MHz

21/07/2021

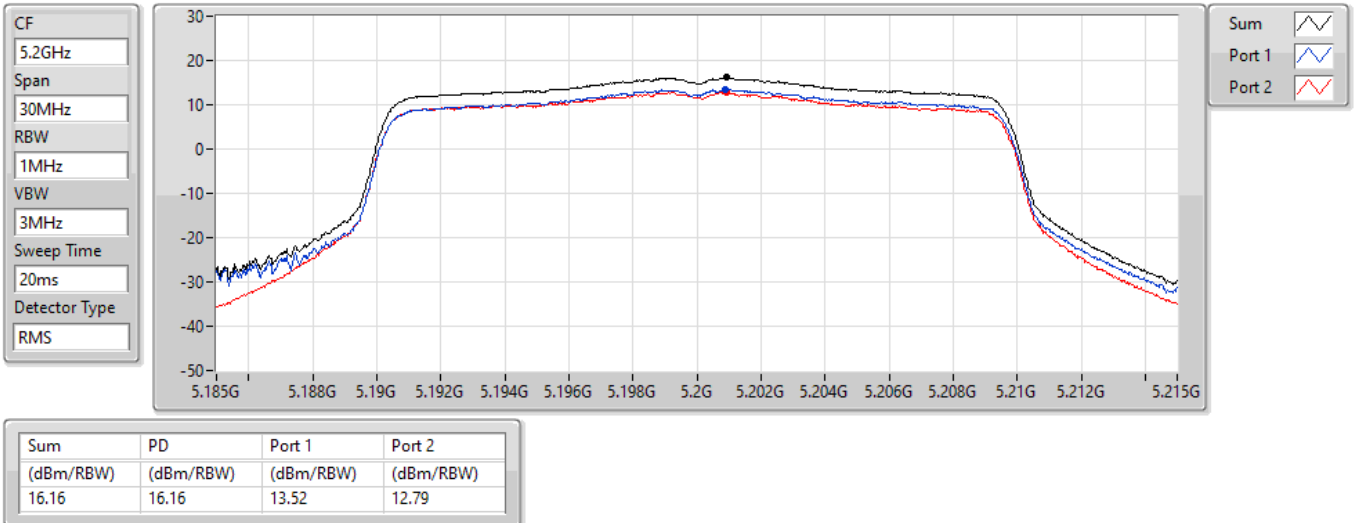


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5200MHz

21/07/2021

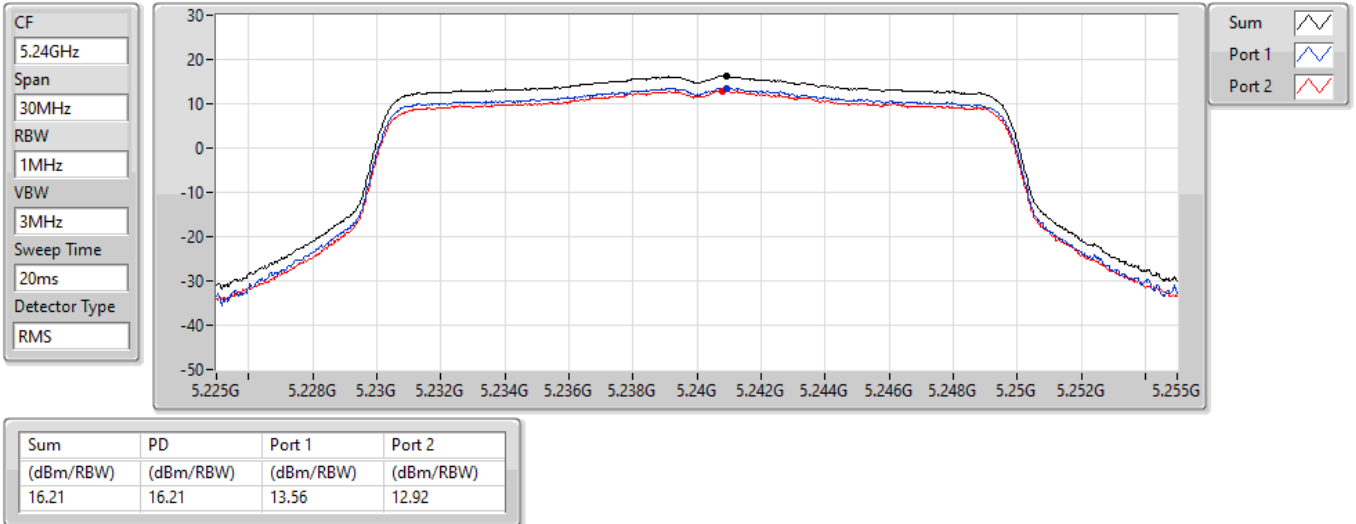


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5240MHz

21/07/2021

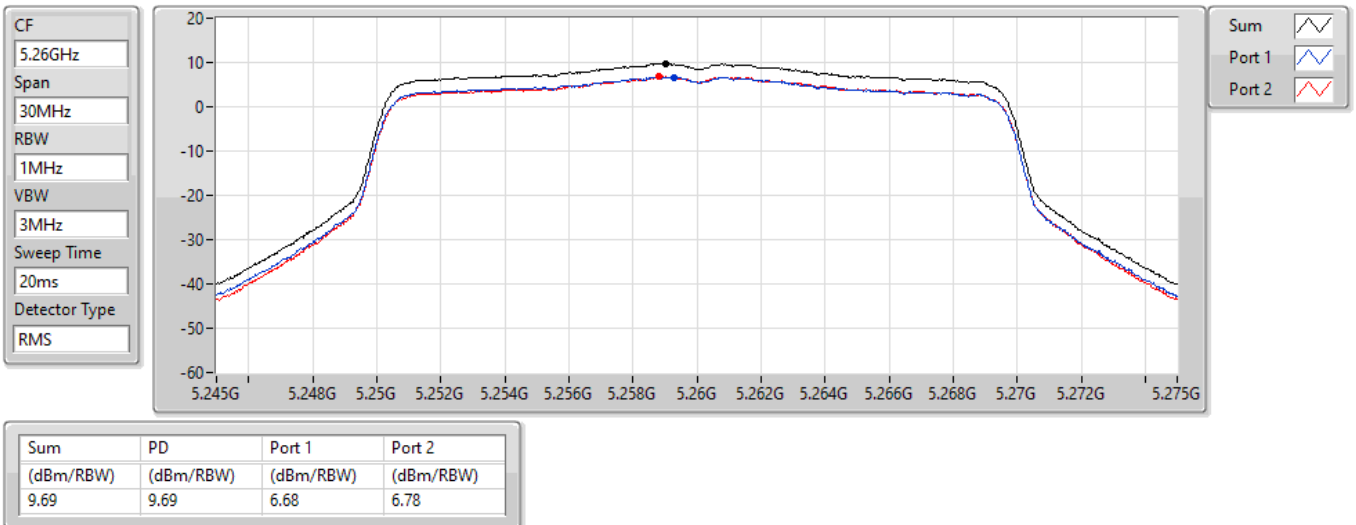


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5260MHz

21/07/2021

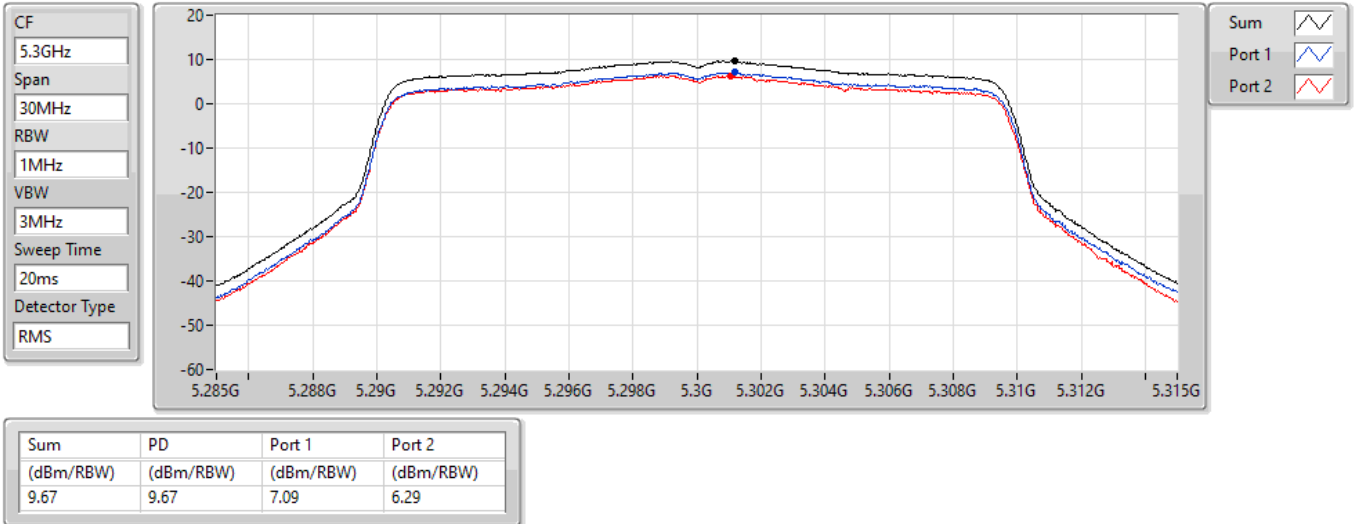


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5300MHz

21/07/2021

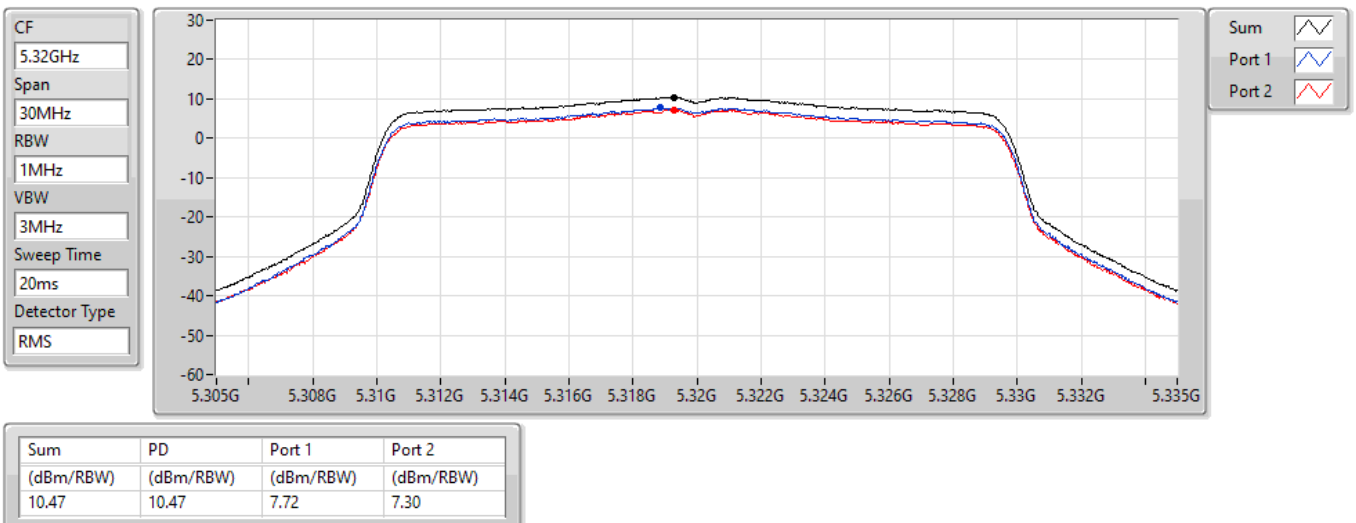


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5320MHz

21/07/2021

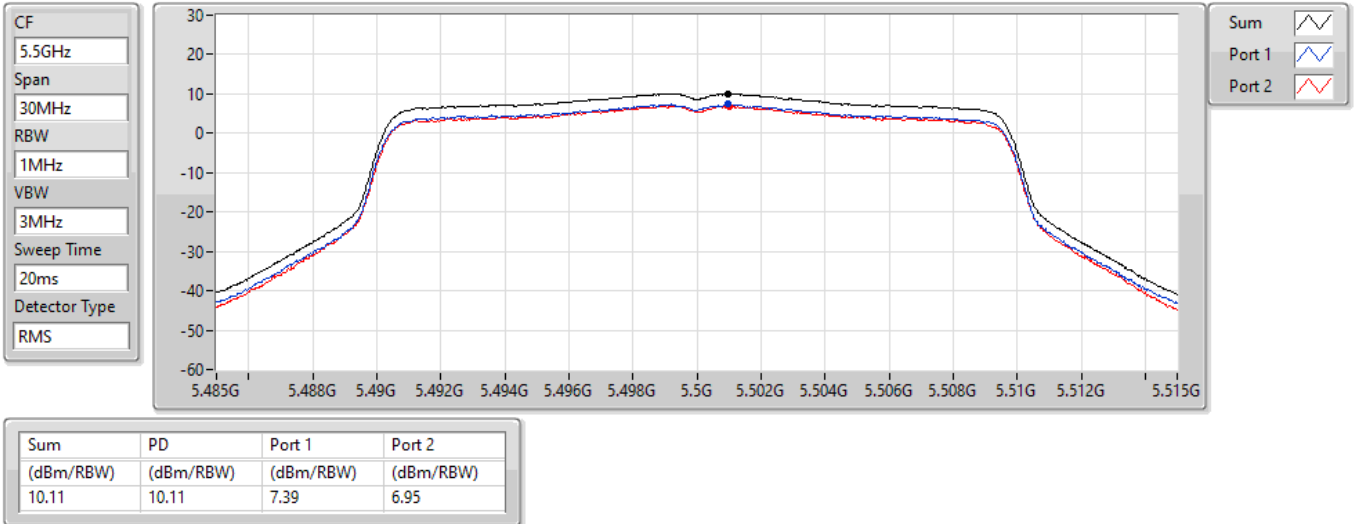


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5500MHz

21/07/2021

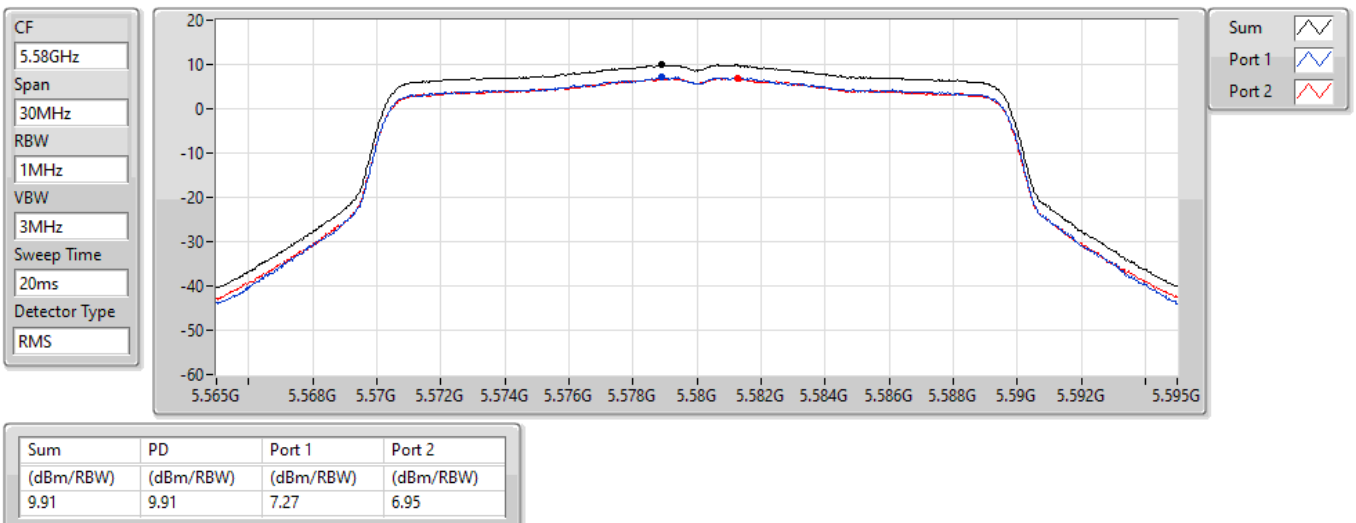


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5580MHz

21/07/2021

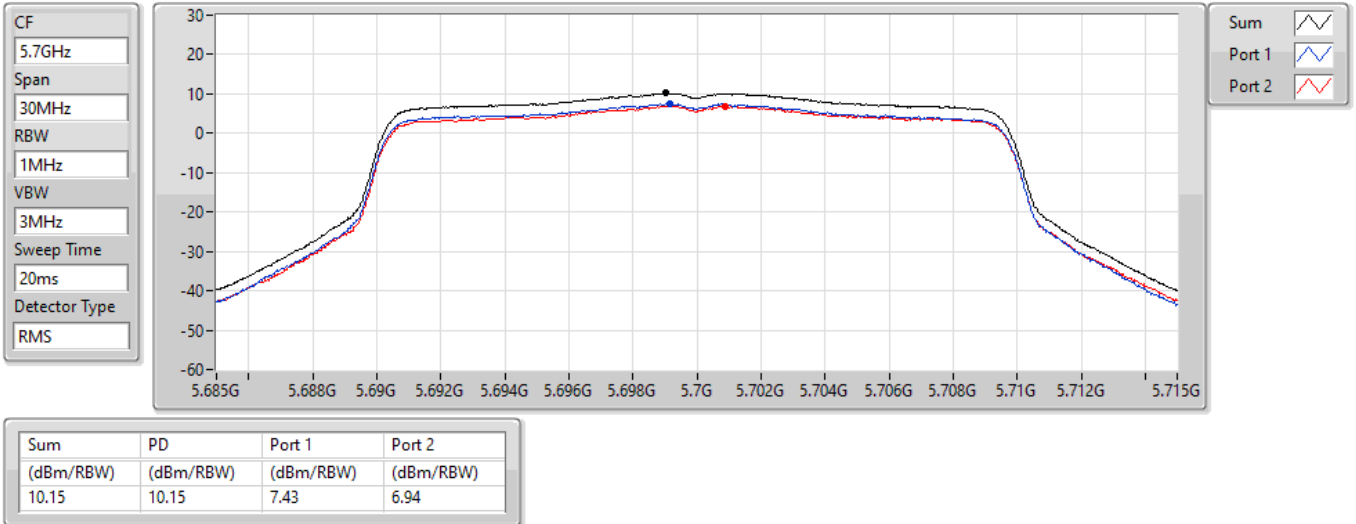


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5700MHz

21/07/2021

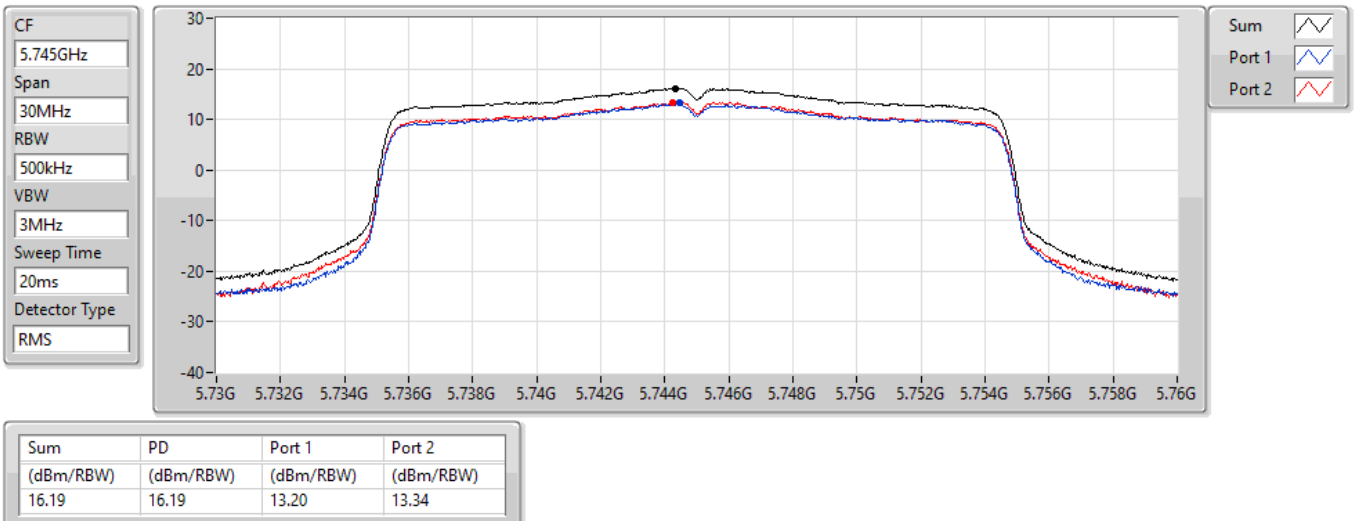


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5745MHz

21/07/2021

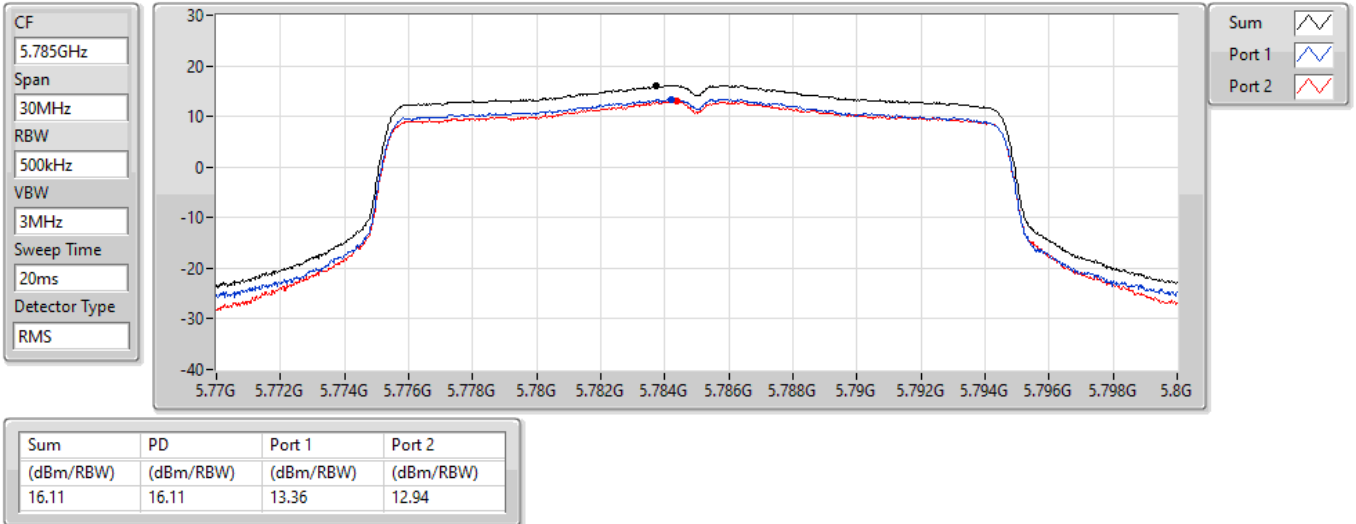


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5785MHz

21/07/2021

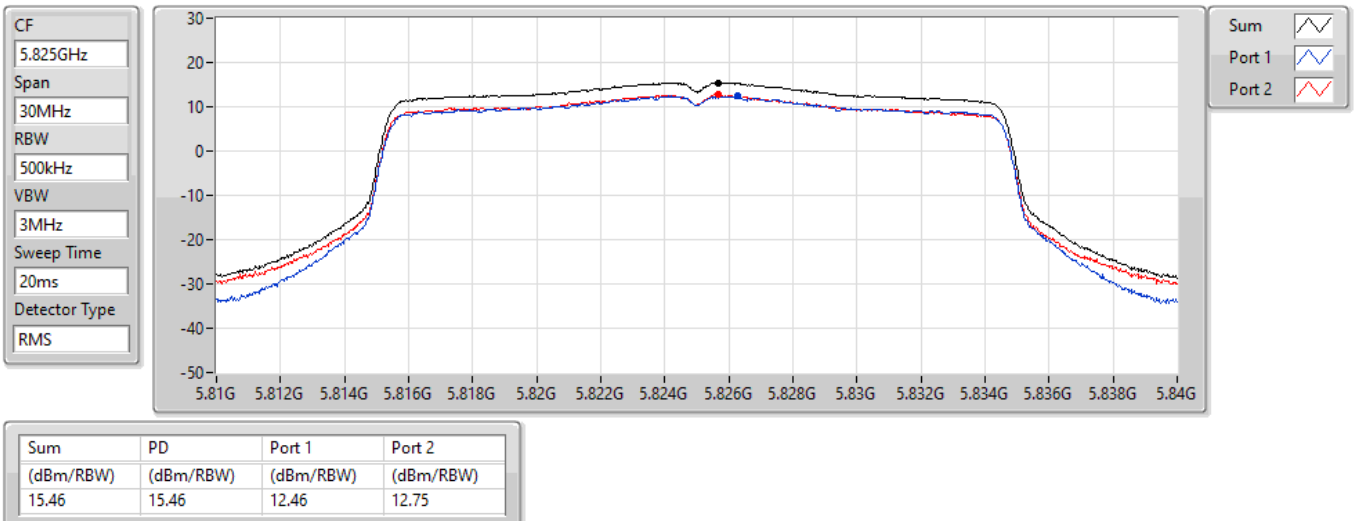


## 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

## PSD

5825MHz

21/07/2021

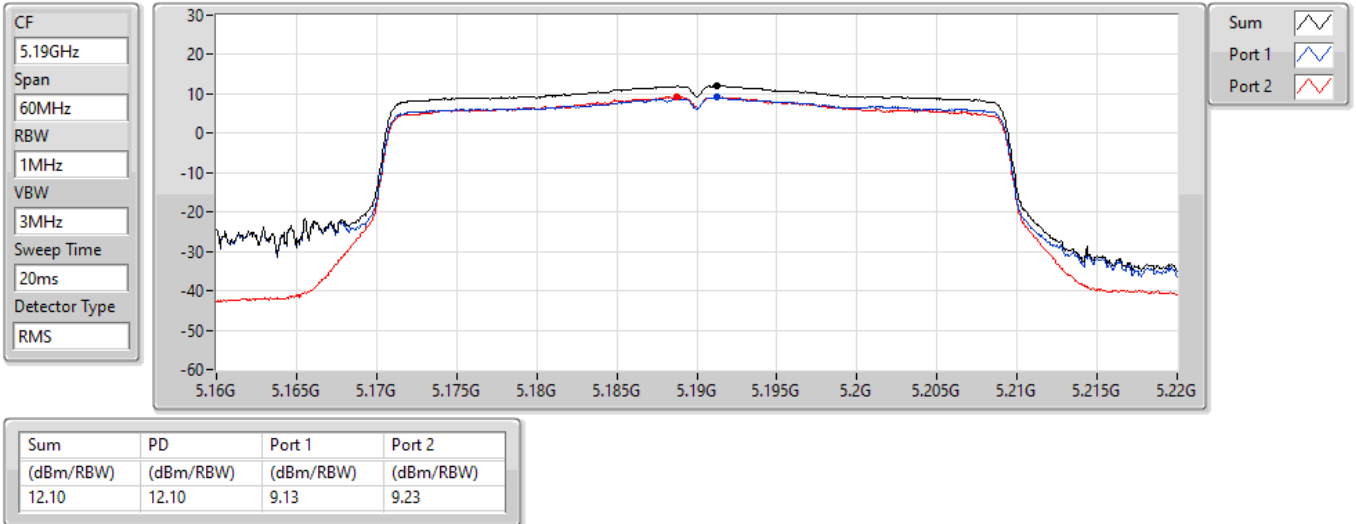


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5190MHz

21/07/2021

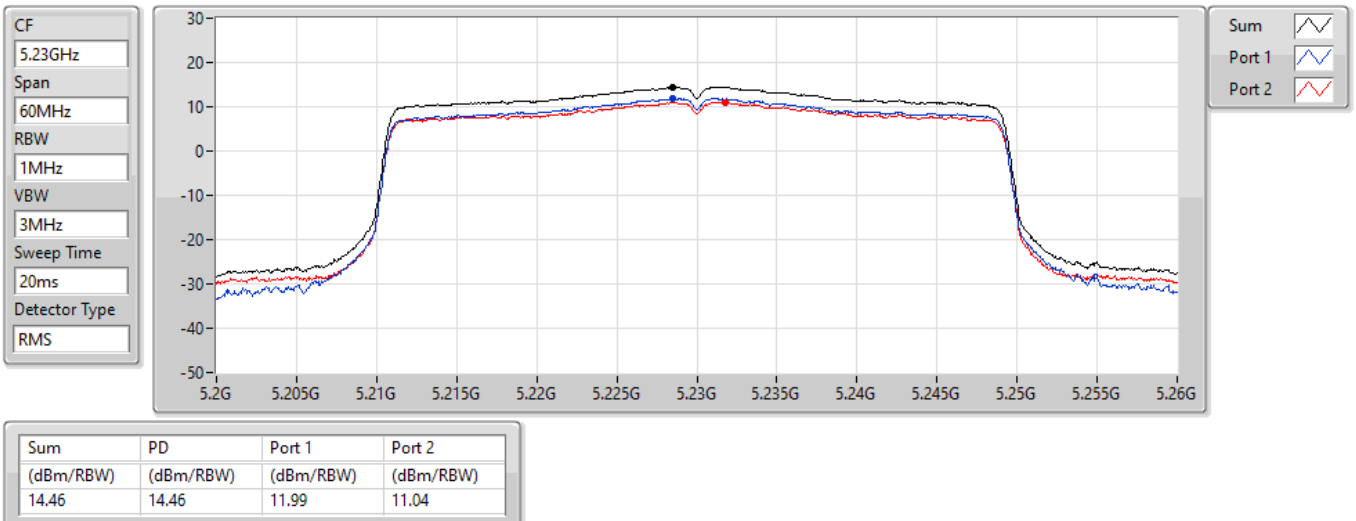


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5230MHz

21/07/2021

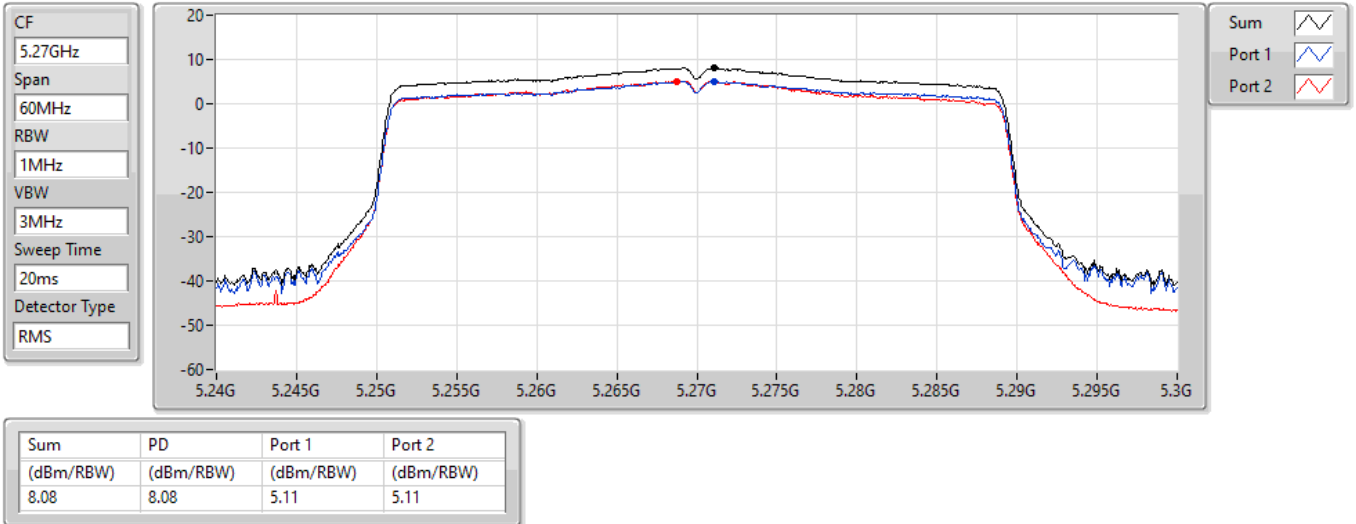


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5270MHz

21/07/2021

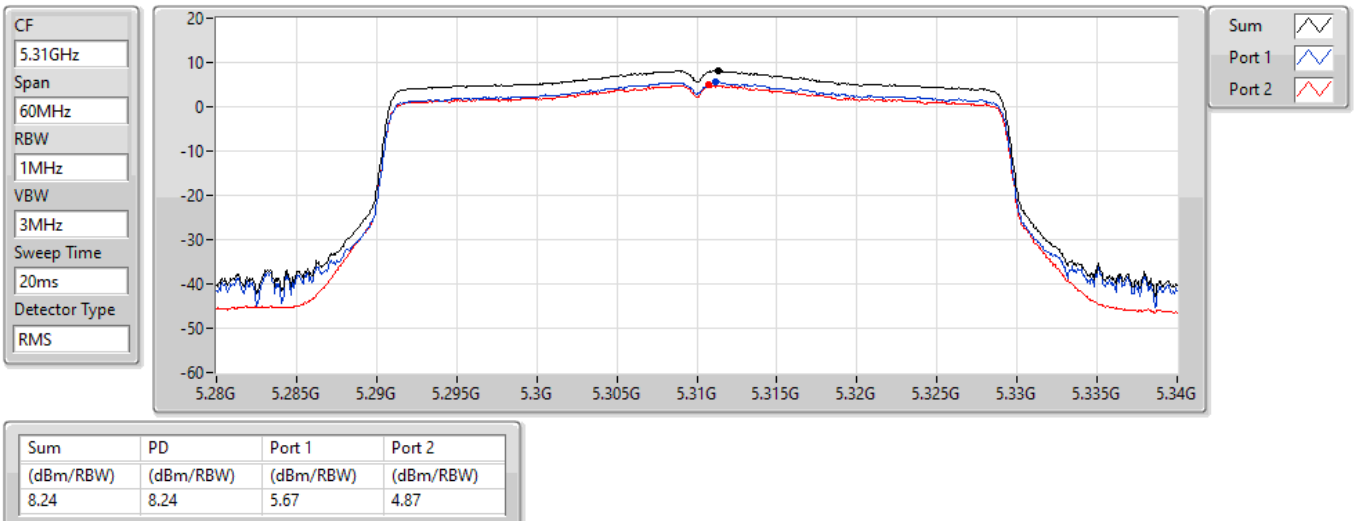


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5310MHz

21/07/2021

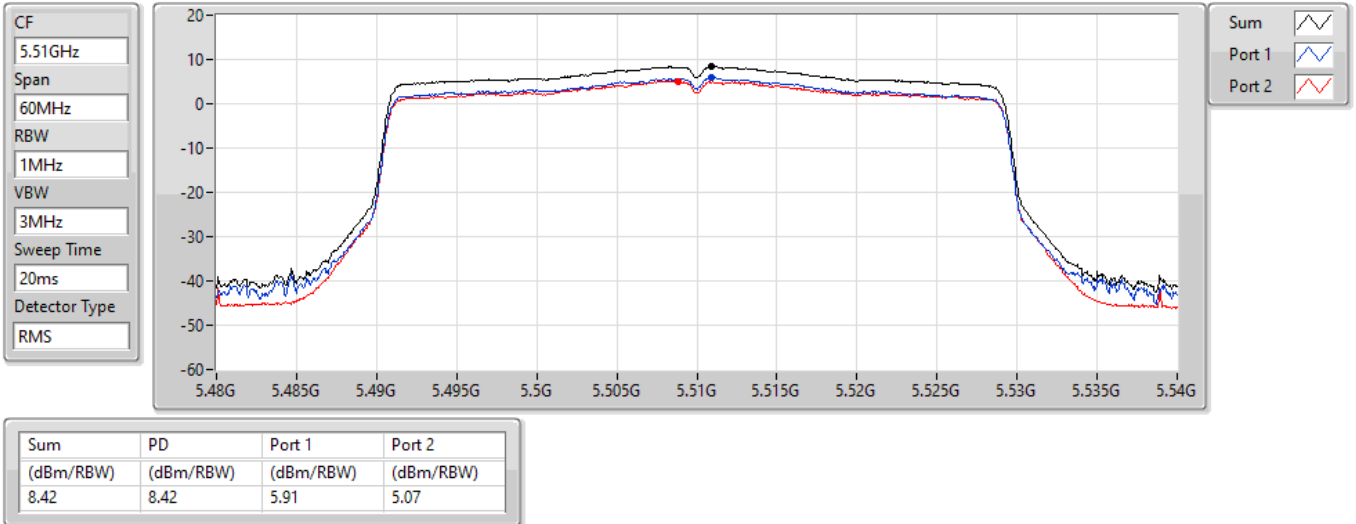


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5510MHz

21/07/2021

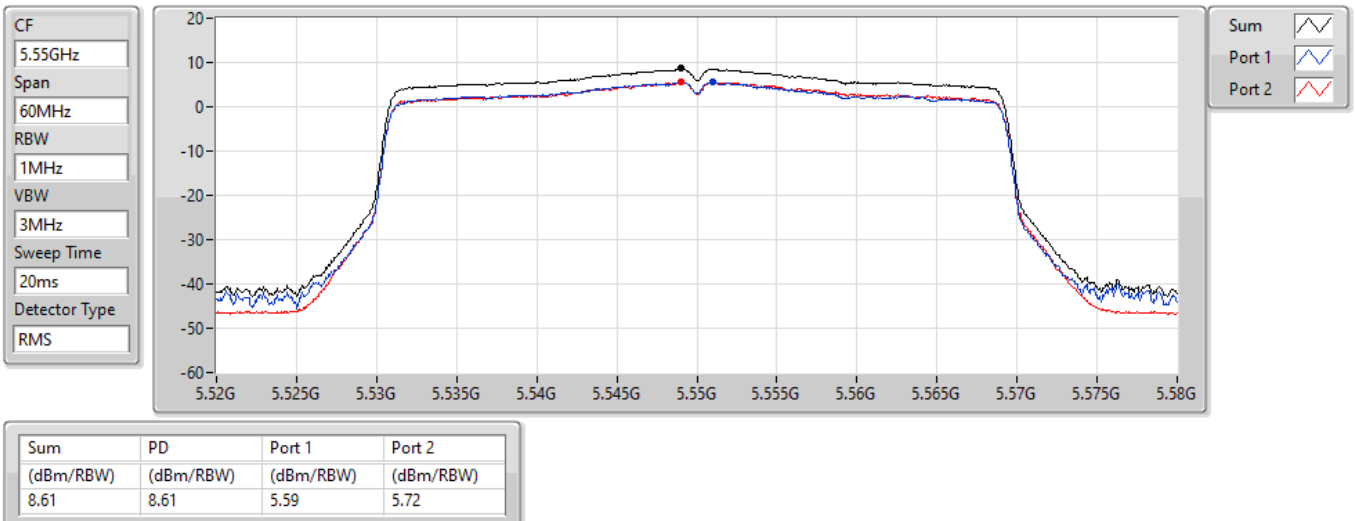


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5550MHz

21/07/2021

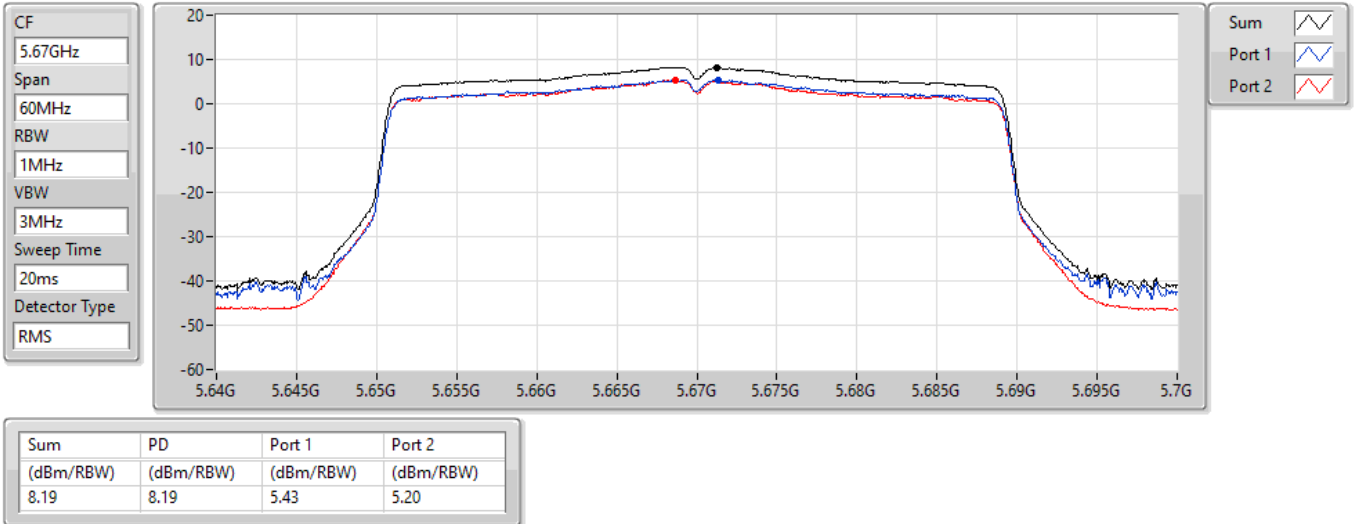


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5670MHz

21/07/2021

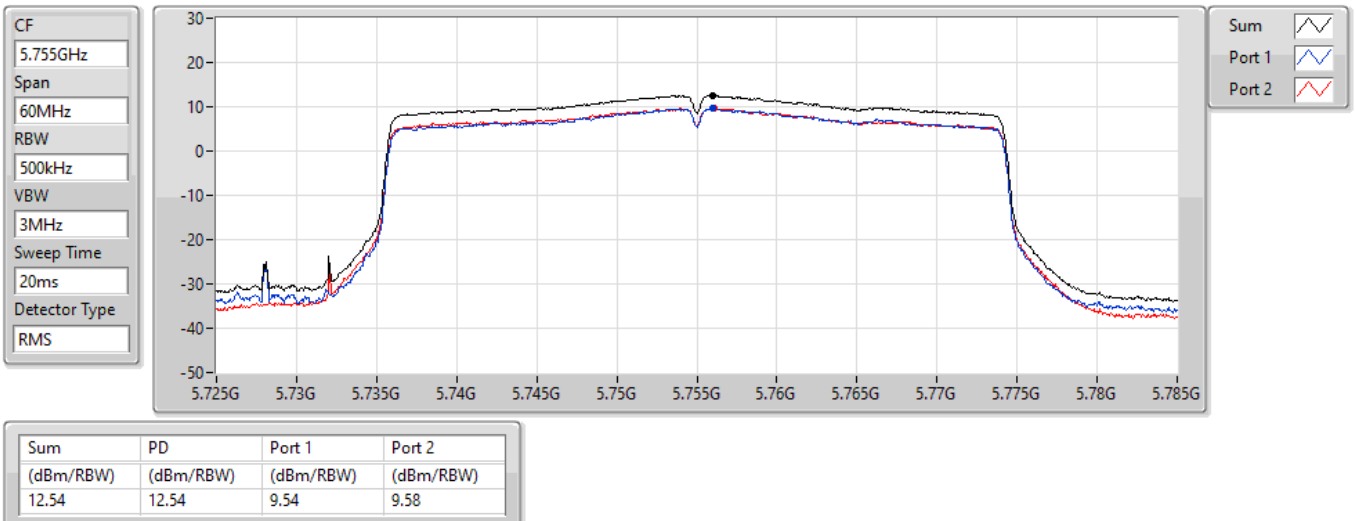


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5755MHz

21/07/2021

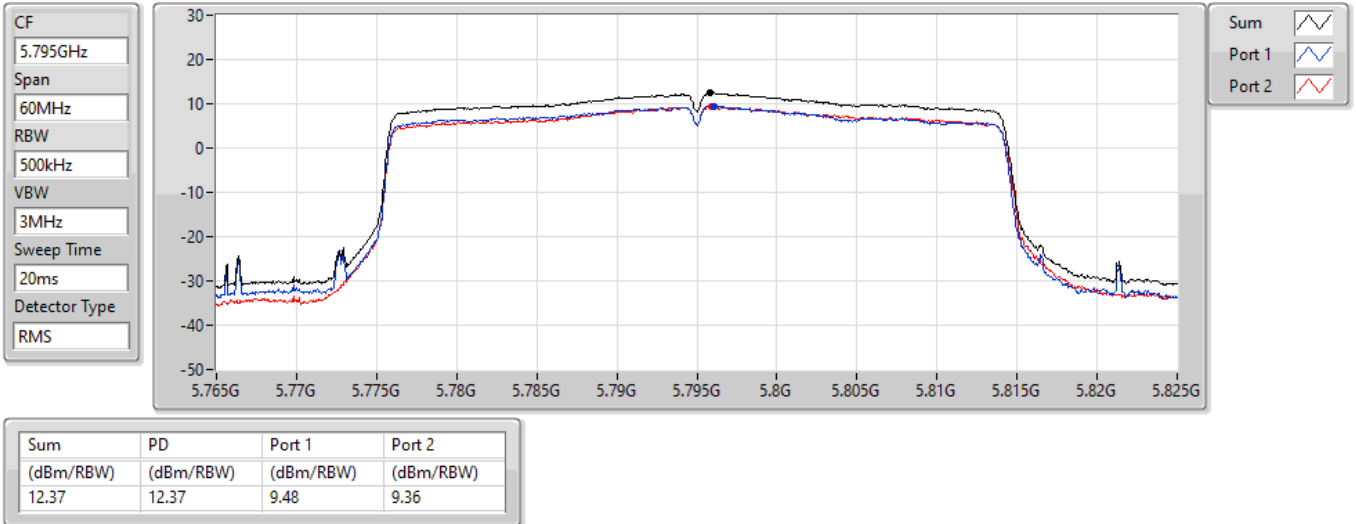


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

## PSD

5795MHz

21/07/2021

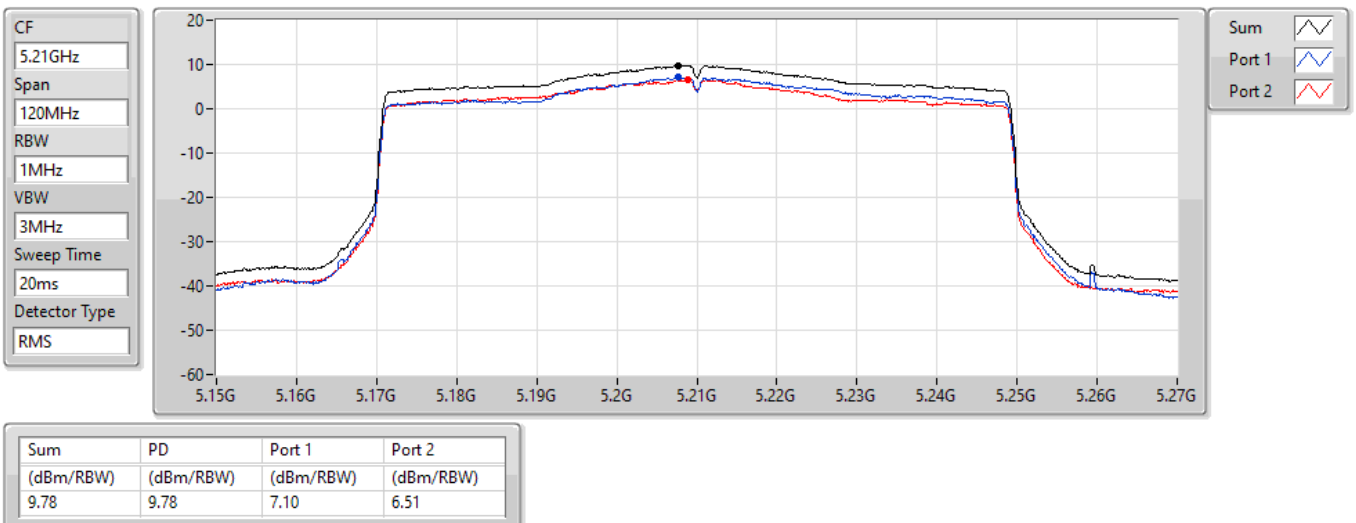


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## PSD

5210MHz

21/07/2021

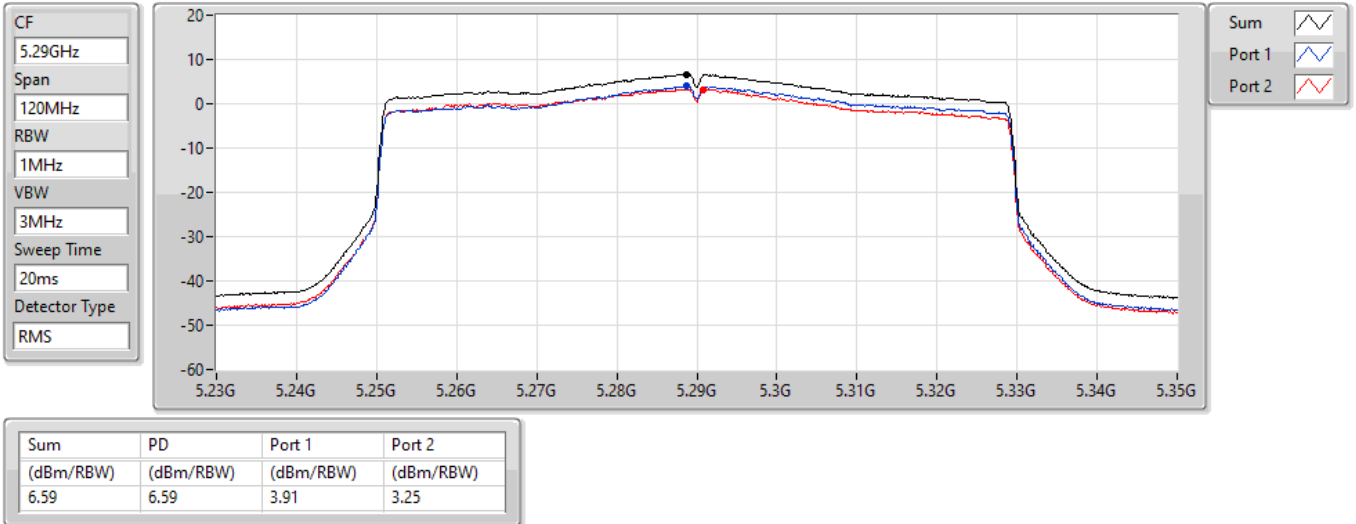


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## PSD

5290MHz

21/07/2021

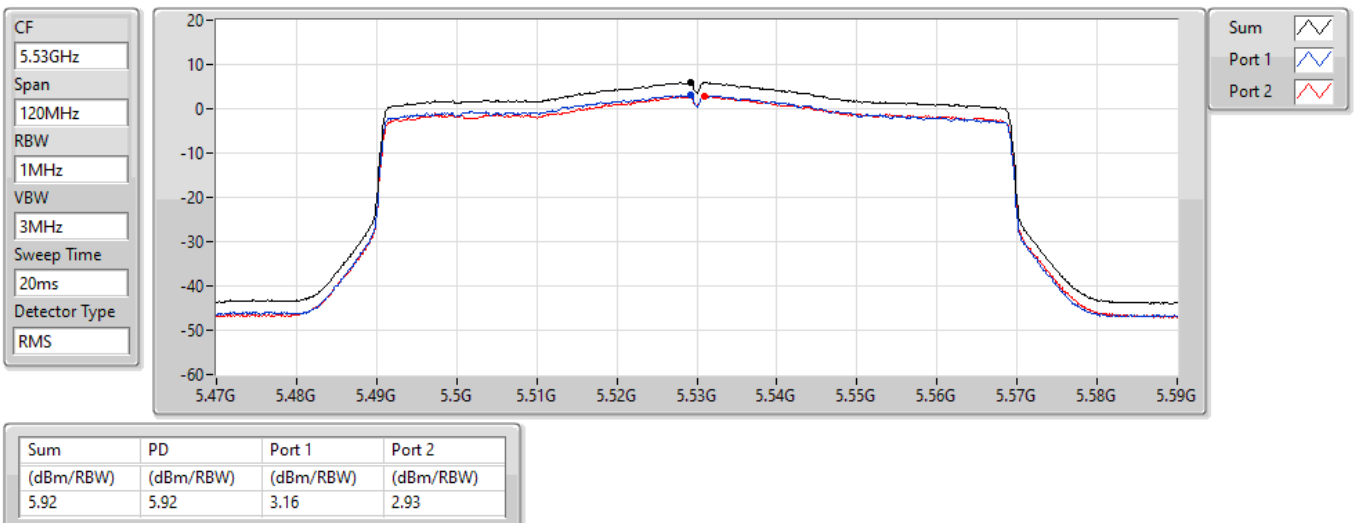


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## PSD

5530MHz

21/07/2021

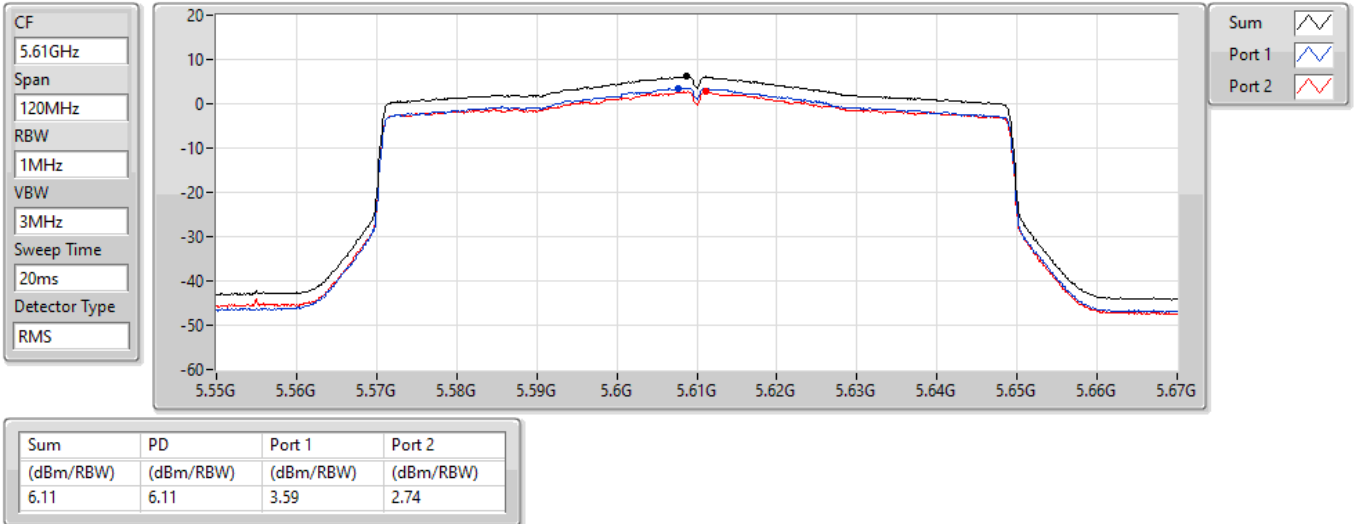


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## PSD

5610MHz

21/07/2021

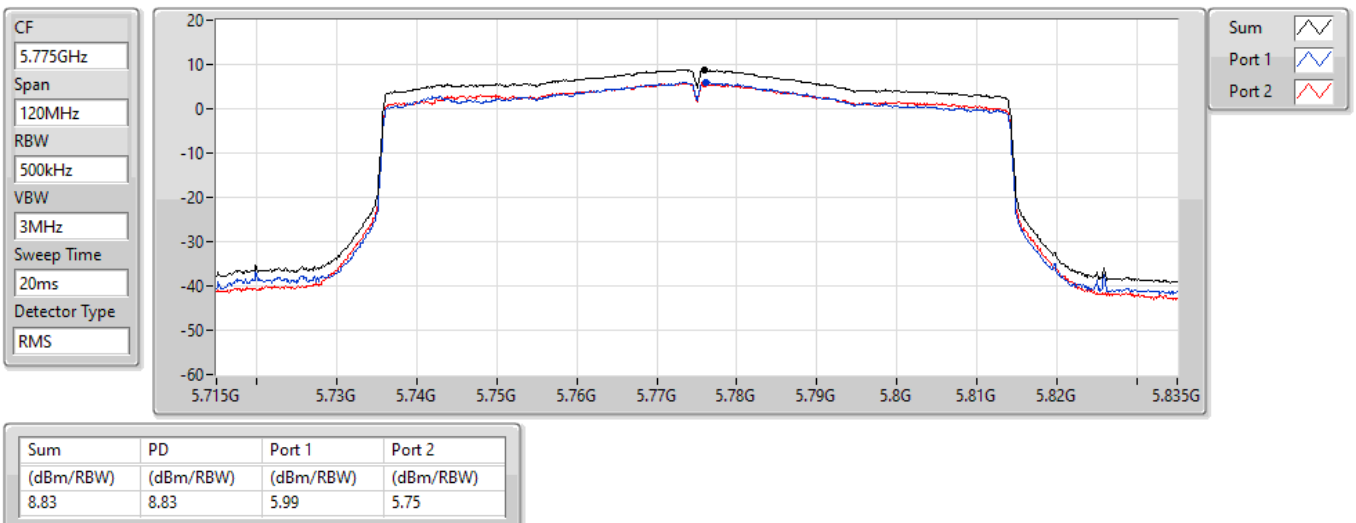


## 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

## PSD

5775MHz

21/07/2021

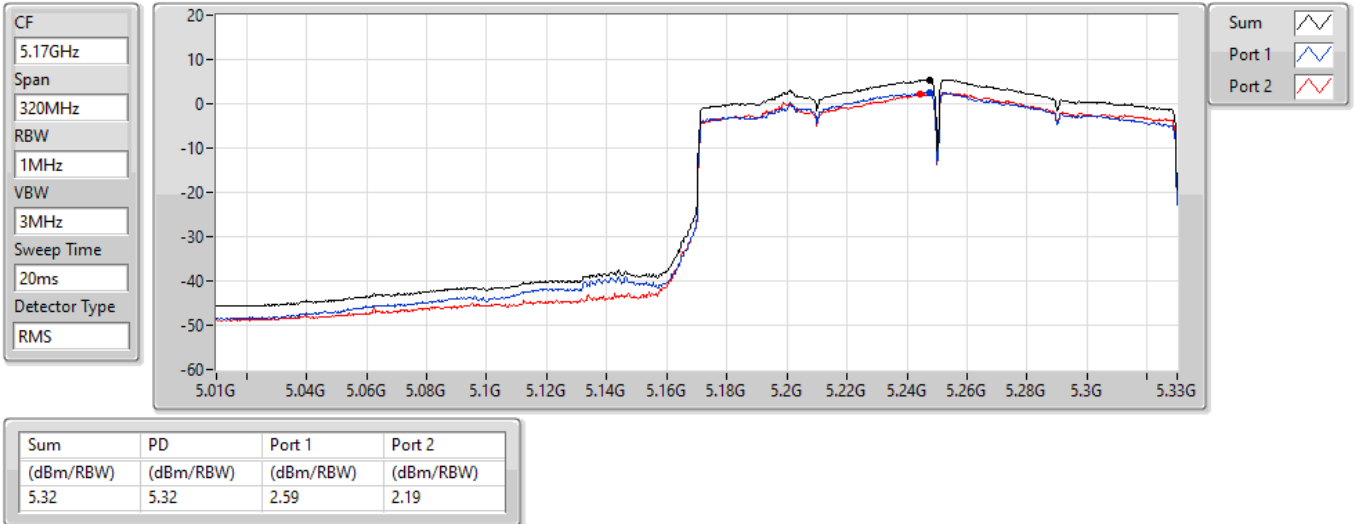


# 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

PSD

## 5250MHz Straddle 5.15-5.25GHz

21/07/2021

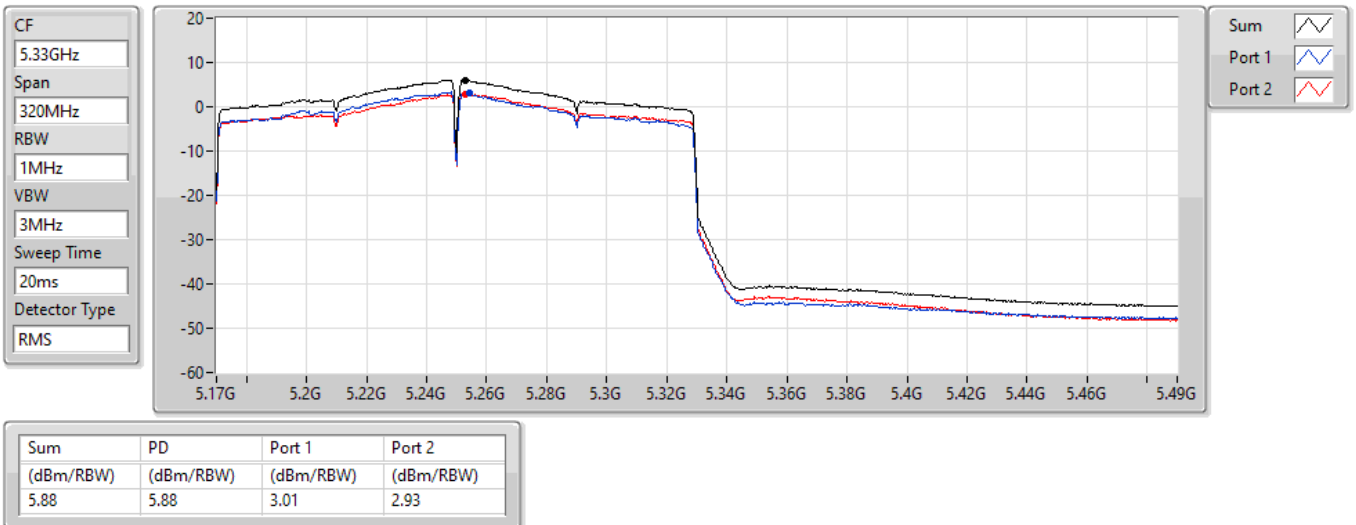


# 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

PSD

## 5250MHz Straddle 5.25-5.35GHz

21/07/2021

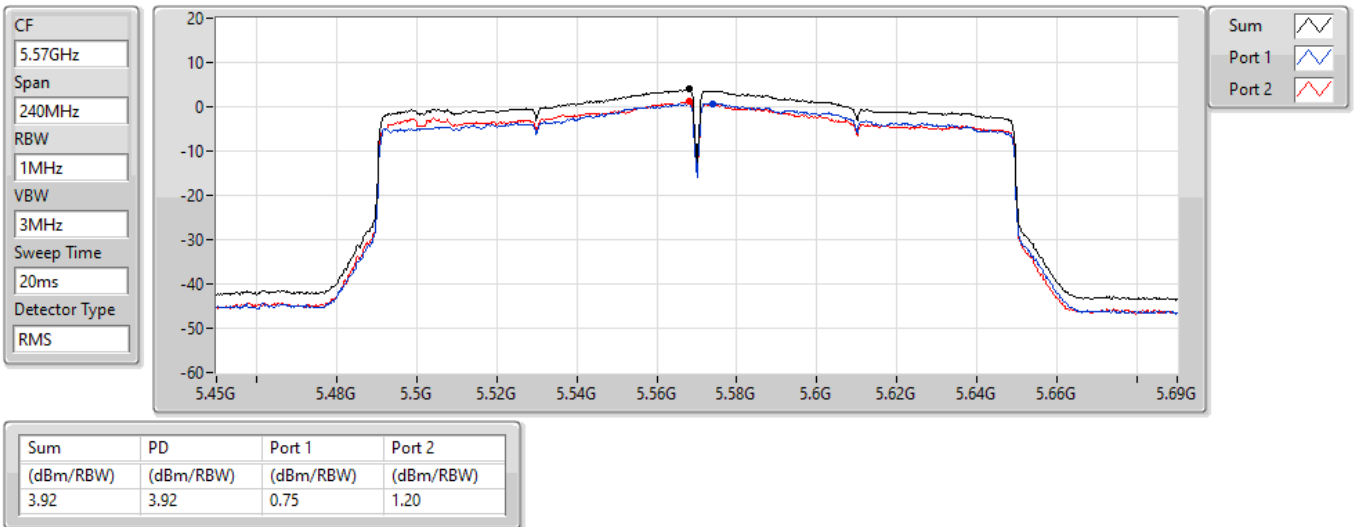


## 802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

## PSD

5570MHz

21/07/2021





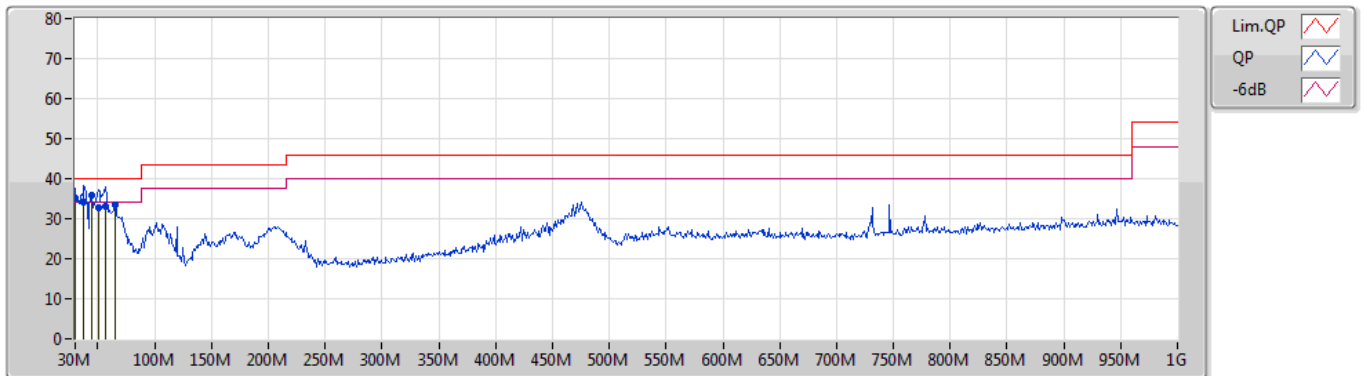
## ***Radiated Emissions below 1GHz***

## ***Appendix E.1***

### **Summary**

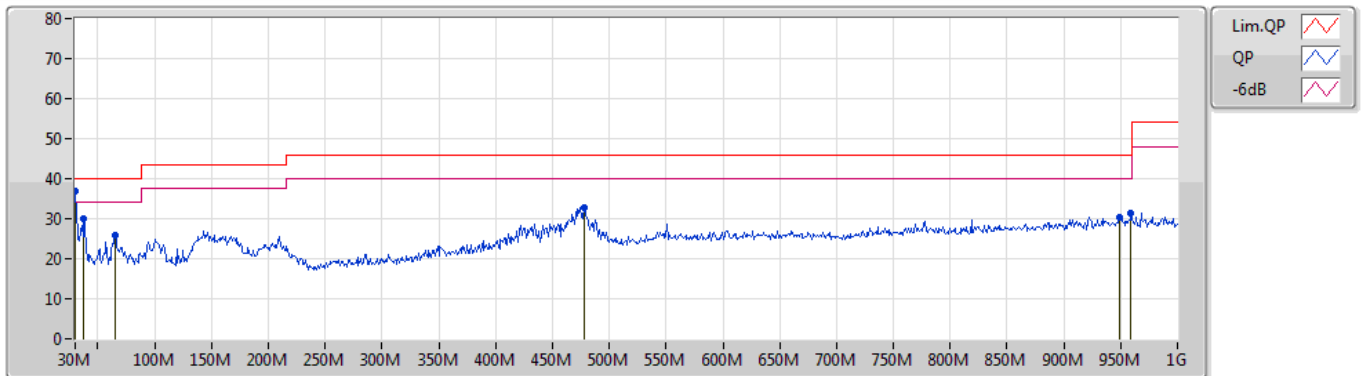
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition  |
|--------|--------|------|--------------|-------------------|-------------------|----------------|------------|
| Mode 2 | Pass   | PK   | 30M          | 36.99             | 40.00             | -3.01          | Horizontal |

### Mode 2



| 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) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| QP   | 30M          | 35.31             | 40.00             | -4.69          | -4.21          | 3           | Vertical  | 209            | 2.00          | -       | 39.52         | 23.67      | 0.61       | 28.49      |
| QP   | 37.76M       | 34.00             | 40.00             | -6.00          | -7.46          | 3           | Vertical  | 271            | 1.25          | -       | 41.46         | 20.29      | 0.73       | 28.48      |
| PK   | 44.55M       | 35.69             | 40.00             | -4.31          | -10.84         | 3           | Vertical  | 10             | 1.00          | "Worst" | 46.53         | 16.87      | 0.77       | 28.48      |
| QP   | 50.37M       | 32.65             | 40.00             | -7.35          | -13.75         | 3           | Vertical  | 4              | 1.00          | -       | 46.40         | 13.91      | 0.83       | 28.49      |
| QP   | 57.16M       | 33.01             | 40.00             | -6.99          | -15.31         | 3           | Vertical  | 352            | 1.25          | -       | 48.32         | 12.28      | 0.90       | 28.49      |
| PK   | 64.92M       | 33.45             | 40.00             | -6.55          | -15.56         | 3           | Vertical  | 99             | 1.25          | -       | 49.01         | 11.97      | 0.95       | 28.48      |

### Mode 2



| 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   | 30M          | 36.99             | 40.00             | -3.01          | -4.21          | 3           | Horizontal | 322            | 2.00          | "Worst" | 41.20         | 23.67      | 0.61       | 28.49      |
| PK   | 37.76M       | 30.01             | 40.00             | -9.99          | -7.46          | 3           | Horizontal | 291            | 1.25          | -       | 37.47         | 20.29      | 0.73       | 28.48      |
| PK   | 64.92M       | 25.86             | 40.00             | -14.14         | -15.56         | 3           | Horizontal | 261            | 2.00          | -       | 41.42         | 11.97      | 0.95       | 28.48      |
| PK   | 478.14M      | 32.69             | 46.00             | -13.31         | -3.79          | 3           | Horizontal | 142            | 1.00          | -       | 36.48         | 22.65      | 2.66       | 29.10      |
| PK   | 948.59M      | 30.40             | 46.00             | -15.60         | 1.20           | 3           | Horizontal | 7              | 1.00          | -       | 29.20         | 25.91      | 3.85       | 28.56      |
| PK   | 959.26M      | 31.22             | 46.00             | -14.78         | 1.28           | 3           | Horizontal | 360            | 1.00          | -       | 29.94         | 25.94      | 3.87       | 28.53      |

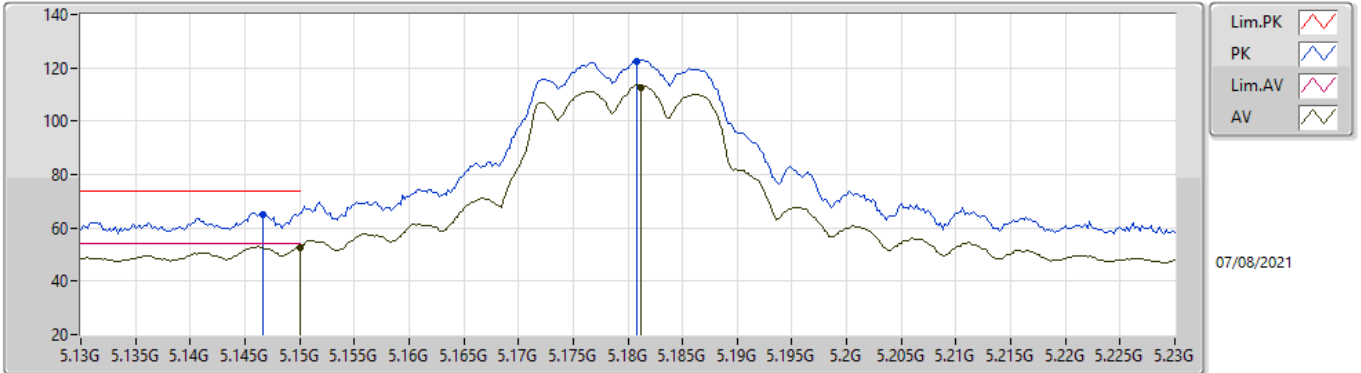


Summary

| 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 HEW80-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.143G       | 72.80             | 74.00             | -1.20          | 3           | Vertical  | 46             | 1.80          | -        |

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

## 5180MHz\_TnomVnom

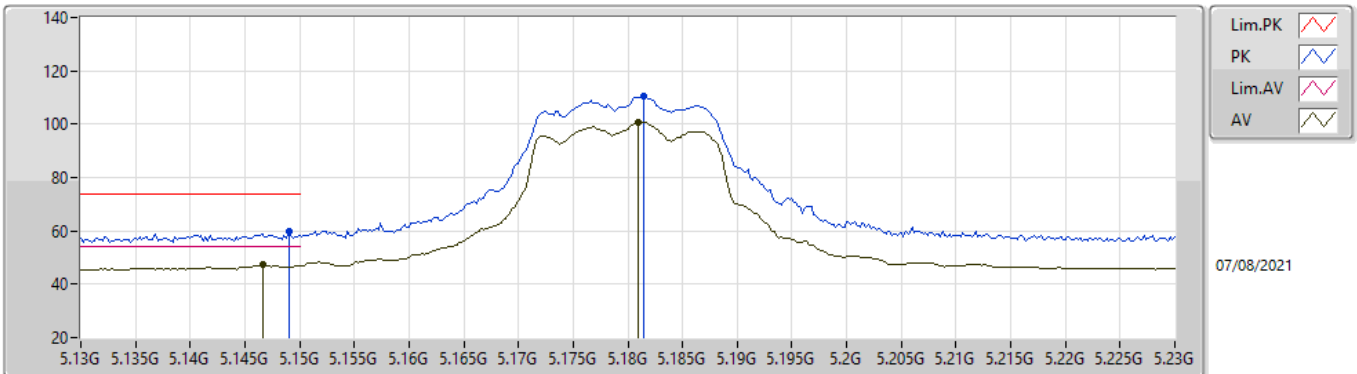


EUT\_Z\_2TX  
Setting 24.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1466G      | 65.25             | 74.00             | -8.75          | 60.07         | 3           | Vertical  | 267            | 1.80          | -       | 34.09      | 6.43       | 35.34      |
| AV   | 5.15G        | 52.59             | 54.00             | -1.41          | 47.40         | 3           | Vertical  | 267            | 1.80          | -       | 34.10      | 6.43       | 35.34      |
| PK   | 5.1808G      | 122.17            | Inf               | -Inf           | 117.06        | 3           | Vertical  | 267            | 1.80          | -       | 34.04      | 6.41       | 35.34      |
| AV   | 5.1812G      | 112.70            | Inf               | -Inf           | 107.59        | 3           | Vertical  | 267            | 1.80          | -       | 34.04      | 6.41       | 35.34      |

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

### 5180MHz\_TnomVnom

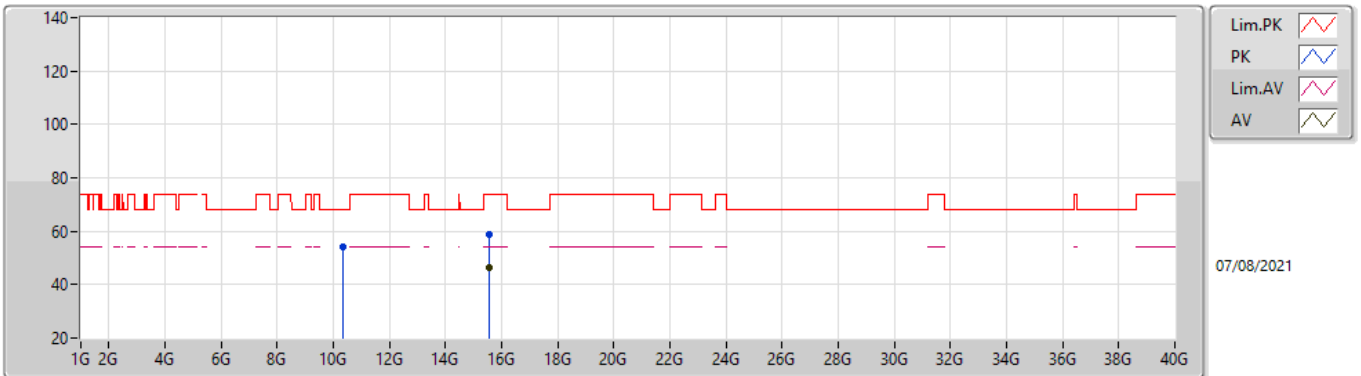


EUT\_Z\_2TX  
Setting 24.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.149G       | 59.65             | 74.00             | -14.35         | 54.46         | 3           | Horizontal | 95             | 1.80          | -       | 34.10      | 6.43       | 35.34      |  |
| AV   | 5.1466G      | 47.21             | 54.00             | -6.79          | 42.03         | 3           | Horizontal | 95             | 1.80          | -       | 34.09      | 6.43       | 35.34      |  |
| PK   | 5.1814G      | 110.60            | Inf               | -Inf           | 105.49        | 3           | Horizontal | 95             | 1.80          | -       | 34.04      | 6.41       | 35.34      |  |
| AV   | 5.181G       | 100.85            | Inf               | -Inf           | 95.74         | 3           | Horizontal | 95             | 1.80          | -       | 34.04      | 6.41       | 35.34      |  |

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

## 5180MHz\_TnomVnom

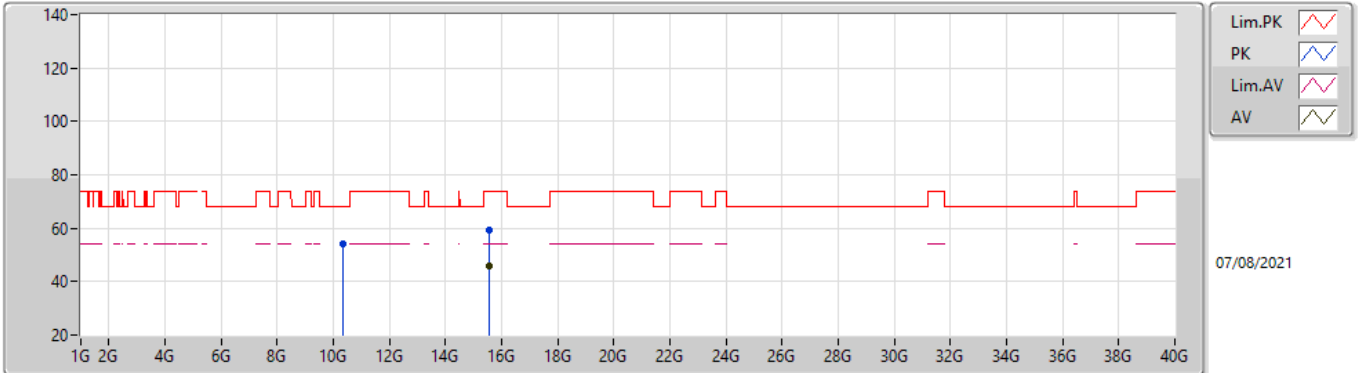


EUT\_Z\_2TX  
Setting 24.5  
02-A-K-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 10.3586G     | 53.93             | 68.20             | -14.27         | 41.22         | 3           | Vertical  | 296            | 1.76          | -       | 38.44      | 7.23       | 32.96      |
| PK   | 15.53728G    | 58.86             | 74.00             | -15.14         | 45.22         | 3           | Vertical  | 118            | 1.95          | -       | 37.79      | 9.04       | 33.19      |
| AV   | 15.53776G    | 46.16             | 54.00             | -7.84          | 32.52         | 3           | Vertical  | 118            | 1.95          | -       | 37.79      | 9.04       | 33.19      |

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

## 5180MHz\_TnomVnom

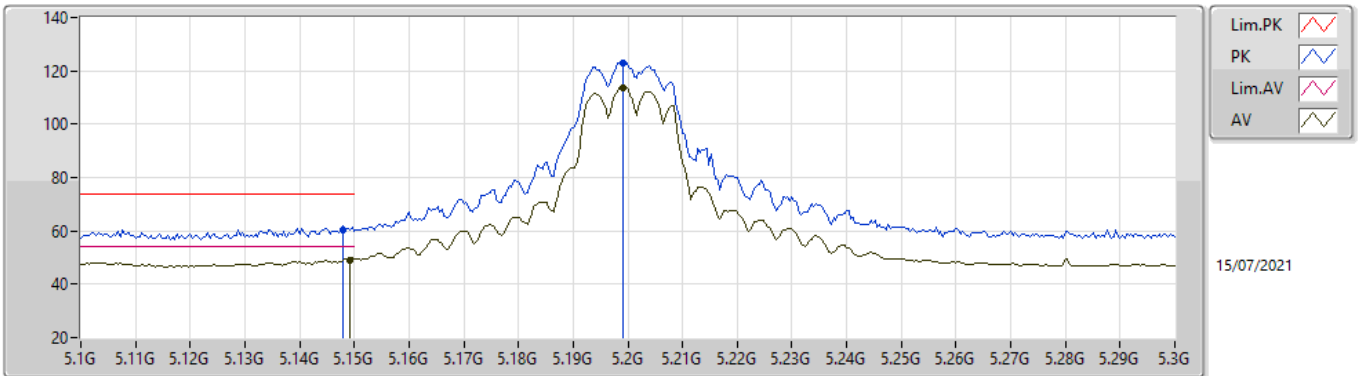


EUT\_Z\_2TX  
Setting 24.5  
02-A-K-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 10.3554G     | 54.01             | 68.20             | -14.19         | 41.30         | 3           | Horizontal | 143            | 1.78          | -       | 38.44      | 7.22       | 32.95      |
| PK   | 15.5421G     | 59.27             | 74.00             | -14.73         | 45.66         | 3           | Horizontal | 74             | 2.74          | -       | 37.77      | 9.04       | 33.20      |
| AV   | 15.5416G     | 45.92             | 54.00             | -8.08          | 32.30         | 3           | Horizontal | 74             | 2.74          | -       | 37.78      | 9.04       | 33.20      |

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

## 5200MHz\_TnomVnom

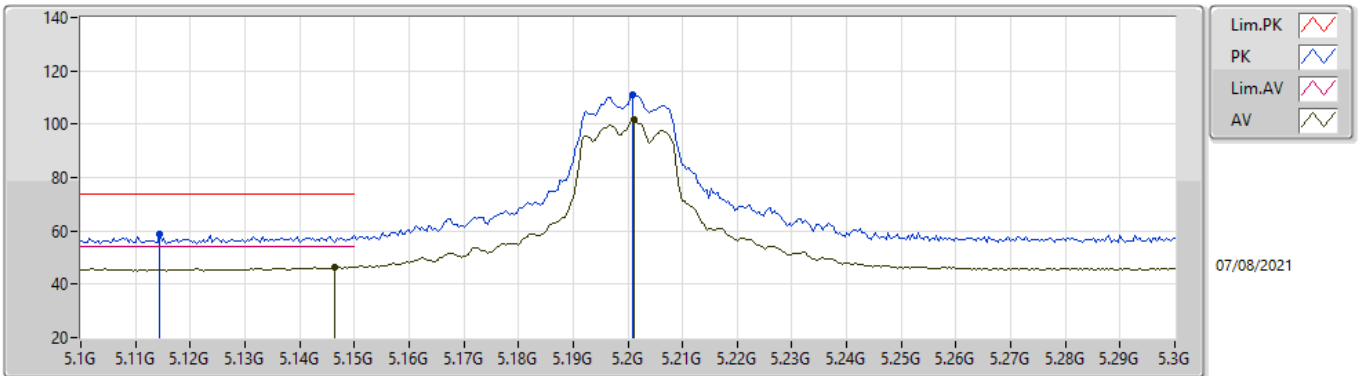


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.148G       | 60.59             | 74.00             | -13.41         | 55.41         | 3           | Vertical  | 170            | 1.66          | -       | 34.09      | 6.43       | 35.34      |  |
| AV   | 5.1492G      | 48.93             | 54.00             | -5.07          | 43.74         | 3           | Vertical  | 170            | 1.66          | -       | 34.10      | 6.43       | 35.34      |  |
| PK   | 5.1992G      | 123.03            | Inf               | -Inf           | 117.97        | 3           | Vertical  | 170            | 1.66          | -       | 34.00      | 6.40       | 35.34      |  |
| AV   | 5.1992G      | 113.46            | Inf               | -Inf           | 108.40        | 3           | Vertical  | 170            | 1.66          | -       | 34.00      | 6.40       | 35.34      |  |

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

### 5200MHz\_TnomVnom

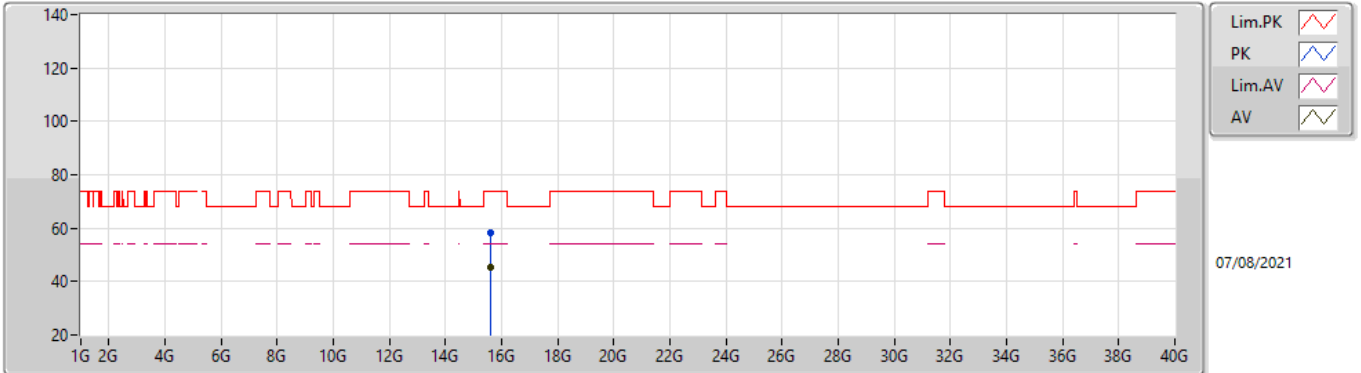


EUT\_Z\_2TX  
Setting 25.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1144G      | 58.80             | 74.00             | -15.20         | 53.73         | 3           | Horizontal | 94             | 2.04          | -       | 33.96      | 6.44       | 35.33      |
| AV   | 5.1464G      | 46.45             | 54.00             | -7.55          | 41.27         | 3           | Horizontal | 94             | 2.04          | -       | 34.09      | 6.43       | 35.34      |
| PK   | 5.2008G      | 110.91            | Inf               | -Inf           | 105.85        | 3           | Horizontal | 94             | 2.04          | -       | 34.00      | 6.40       | 35.34      |
| AV   | 5.2012G      | 101.71            | Inf               | -Inf           | 96.65         | 3           | Horizontal | 94             | 2.04          | -       | 34.00      | 6.40       | 35.34      |

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

## 5200MHz\_TnomVnom

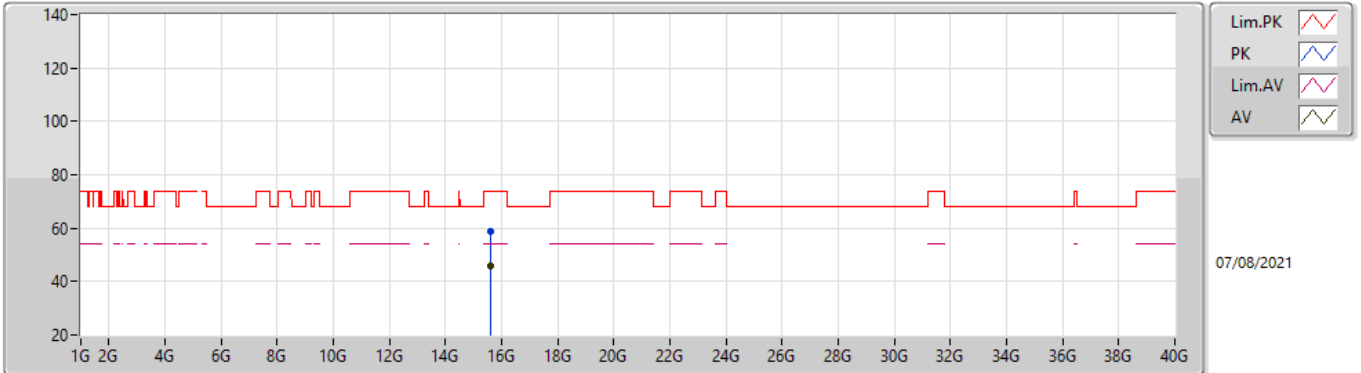


EUT\_Z\_2TX  
Setting 25.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.59974G    | 58.43             | 74.00             | -15.57         | 44.28         | 3           | Vertical  | 22             | 1.77          | -       | 37.80      | 11.80      | 35.45      |
| AV   | 15.59852G    | 45.50             | 54.00             | -8.50          | 31.34         | 3           | Vertical  | 22             | 1.77          | -       | 37.81      | 11.80      | 35.45      |

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

### 5200MHz\_TnomVnom

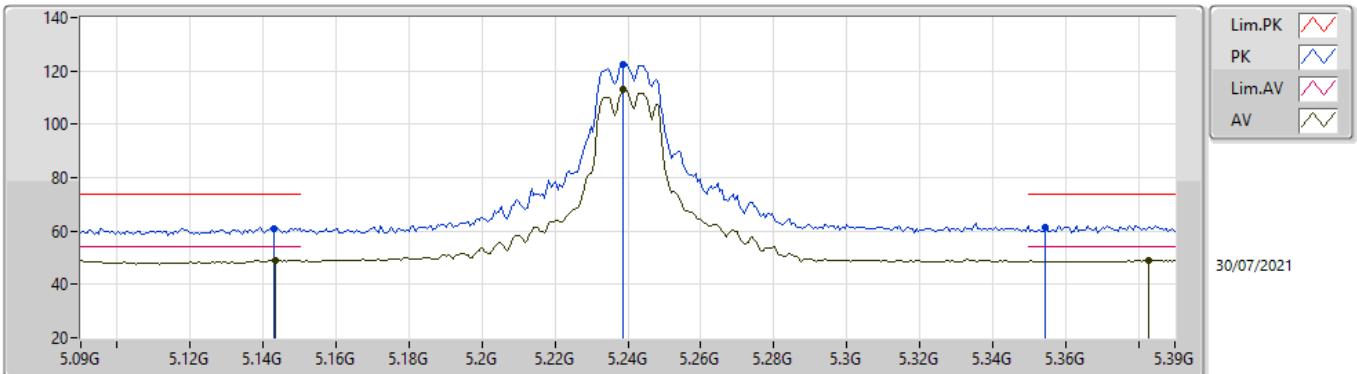


EUT\_Z\_2TX  
Setting 25.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.59576G    | 58.84             | 74.00             | -15.16         | 44.65         | 3           | Horizontal | 69             | 2.91          | -       | 37.84      | 11.80      | 35.45      |  |
| AV   | 15.59698G    | 45.66             | 54.00             | -8.34          | 31.48         | 3           | Horizontal | 69             | 2.91          | -       | 37.83      | 11.80      | 35.45      |  |

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

## 5240MHz\_TnomVnom

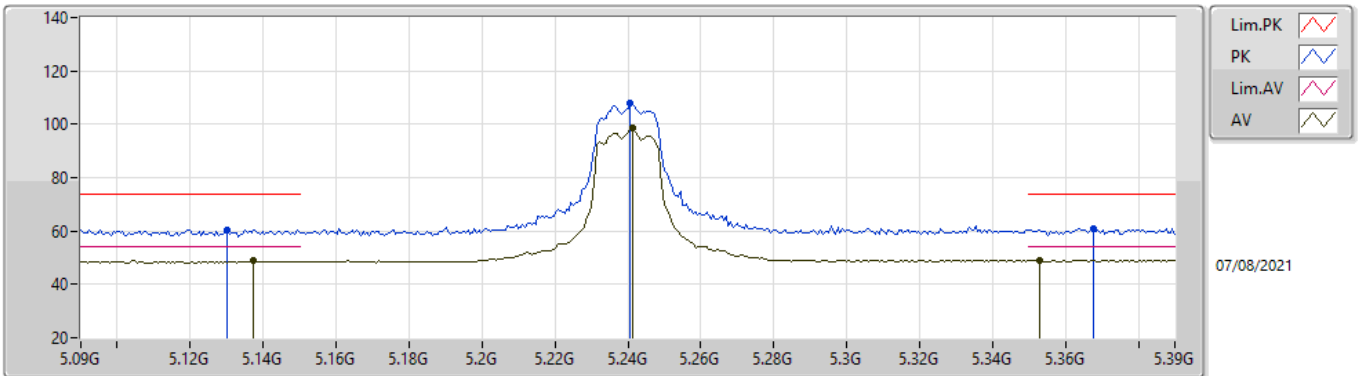


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5-13

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1428G      | 60.65             | 74.00             | -13.35         | 55.49         | 3           | Vertical  | 80             | 1.78          | -       | 34.07      | 6.43       | 35.34      |
| AV   | 5.1434G      | 49.14             | 54.00             | -4.86          | 43.98         | 3           | Vertical  | 80             | 1.78          | -       | 34.07      | 6.43       | 35.34      |
| PK   | 5.2388G      | 122.25            | Inf               | -Inf           | 117.01        | 3           | Vertical  | 80             | 1.78          | -       | 34.16      | 6.42       | 35.34      |
| AV   | 5.2388G      | 113.14            | Inf               | -Inf           | 107.90        | 3           | Vertical  | 80             | 1.78          | -       | 34.16      | 6.42       | 35.34      |
| PK   | 5.3546G      | 61.25             | 74.00             | -12.75         | 55.52         | 3           | Vertical  | 80             | 1.78          | -       | 34.59      | 6.48       | 35.34      |
| AV   | 5.3828G      | 48.99             | 54.00             | -5.01          | 43.32         | 3           | Vertical  | 80             | 1.78          | -       | 34.53      | 6.49       | 35.35      |

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

## 5240MHz\_TnomVnom

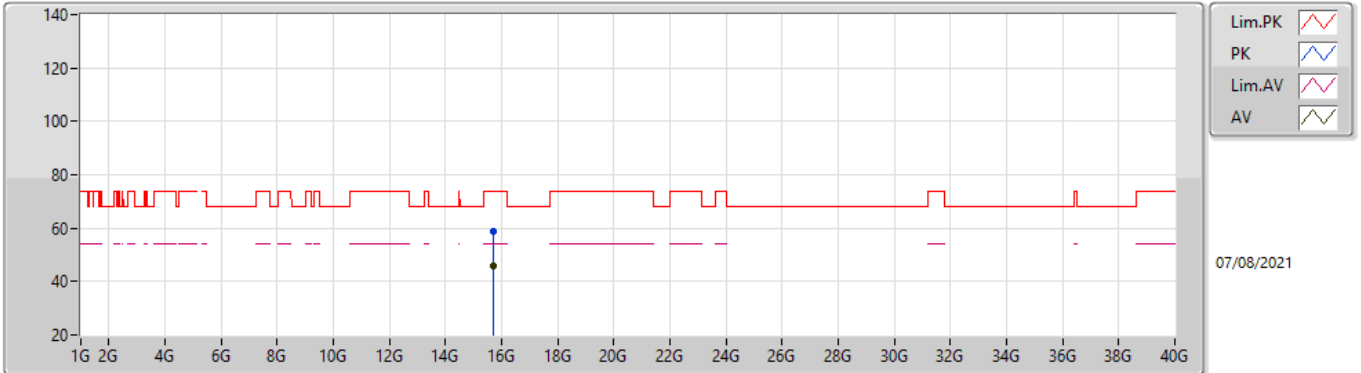


EUT\_Z\_2TX  
Setting 25.5  
03-D-K-5-13

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1302G      | 60.44             | 74.00             | -13.56         | 55.33         | 3           | Horizontal | 96             | 1.80          | -       | 34.02      | 6.43       | 35.34      |
| AV   | 5.1374G      | 48.77             | 54.00             | -5.23          | 43.63         | 3           | Horizontal | 96             | 1.80          | -       | 34.05      | 6.43       | 35.34      |
| PK   | 5.2406G      | 107.71            | Inf               | -Inf           | 102.47        | 3           | Horizontal | 96             | 1.80          | -       | 34.16      | 6.42       | 35.34      |
| AV   | 5.2412G      | 98.56             | Inf               | -Inf           | 93.32         | 3           | Horizontal | 96             | 1.80          | -       | 34.16      | 6.42       | 35.34      |
| PK   | 5.3678G      | 61.06             | 74.00             | -12.94         | 55.36         | 3           | Horizontal | 96             | 1.80          | -       | 34.56      | 6.48       | 35.34      |
| AV   | 5.3528G      | 49.13             | 54.00             | -4.87          | 43.40         | 3           | Horizontal | 96             | 1.80          | -       | 34.59      | 6.48       | 35.34      |

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

### 5240MHz\_TnomVnom

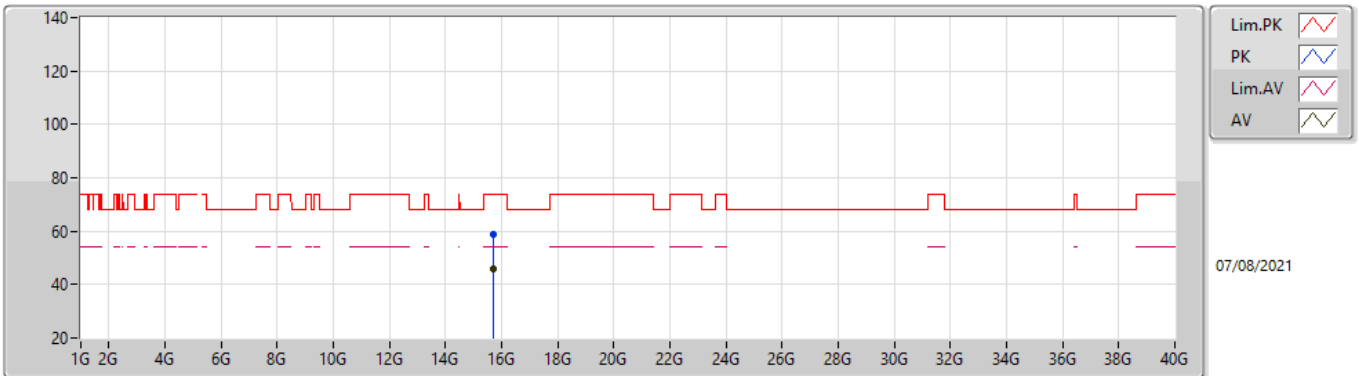


EUT\_Z\_2TX  
Setting 25.5  
03-D-K-5

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition | Azimuth | Height | Comment | AF    | CL    | PA    |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|-------|-------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |           | (°)     | (m)    |         | (dB)  | (dB)  | (dB)  |  |
| PK   | 15.72188G | 58.70    | 74.00    | -15.30 | 44.42  | 3    | Vertical  | 310     | 2.68   | -       | 37.98 | 11.86 | 35.56 |  |
| AV   | 15.7197G  | 45.84    | 54.00    | -8.16  | 31.55  | 3    | Vertical  | 310     | 2.68   | -       | 37.98 | 11.86 | 35.55 |  |

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

## 5240MHz\_TnomVnom

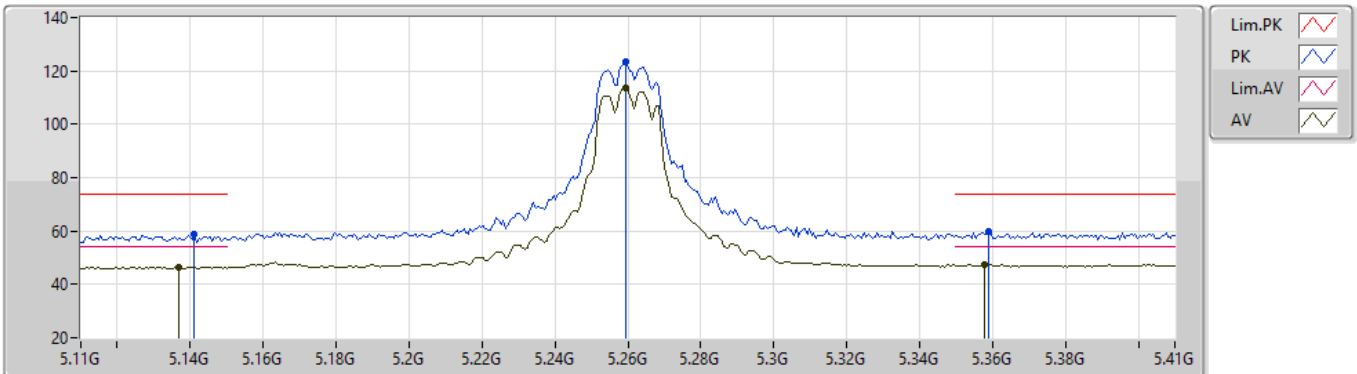


EUT\_Z\_2TX  
Setting 25.5  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.71986G    | 59.01             | 74.00             | -14.99         | 44.72         | 3           | Horizontal | 98             | 2.09          | -       | 37.98      | 11.86      | 35.55      |
| AV   | 15.71714G    | 45.99             | 54.00             | -8.01          | 31.70         | 3           | Horizontal | 98             | 2.09          | -       | 37.98      | 11.86      | 35.55      |

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

### 5260MHz\_TnomVnom

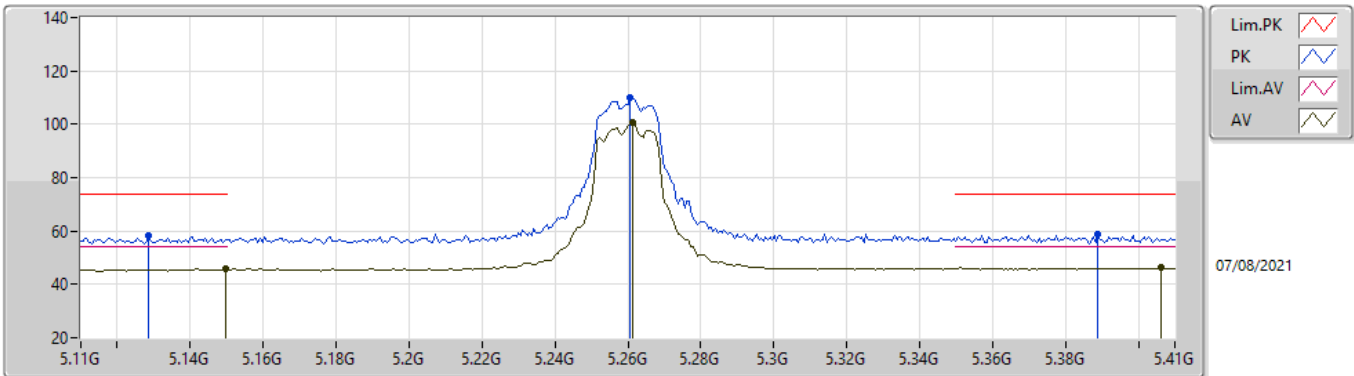


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1412G      | 58.73             | 74.00             | -15.27         | 53.58         | 3           | Vertical  | 80             | 1.69          | -       | 34.06      | 6.43       | 35.34      |
| AV   | 5.137G       | 46.56             | 54.00             | -7.44          | 41.42         | 3           | Vertical  | 80             | 1.69          | -       | 34.05      | 6.43       | 35.34      |
| PK   | 5.2594G      | 123.24            | Inf               | -Inf           | 117.91        | 3           | Vertical  | 80             | 1.69          | -       | 34.24      | 6.43       | 35.34      |
| AV   | 5.2594G      | 113.54            | Inf               | -Inf           | 108.21        | 3           | Vertical  | 80             | 1.69          | -       | 34.24      | 6.43       | 35.34      |
| PK   | 5.359G       | 59.61             | 74.00             | -14.39         | 53.89         | 3           | Vertical  | 80             | 1.69          | -       | 34.58      | 6.48       | 35.34      |
| AV   | 5.3578G      | 47.46             | 54.00             | -6.54          | 41.74         | 3           | Vertical  | 80             | 1.69          | -       | 34.58      | 6.48       | 35.34      |

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

### 5260MHz\_TnomVnom

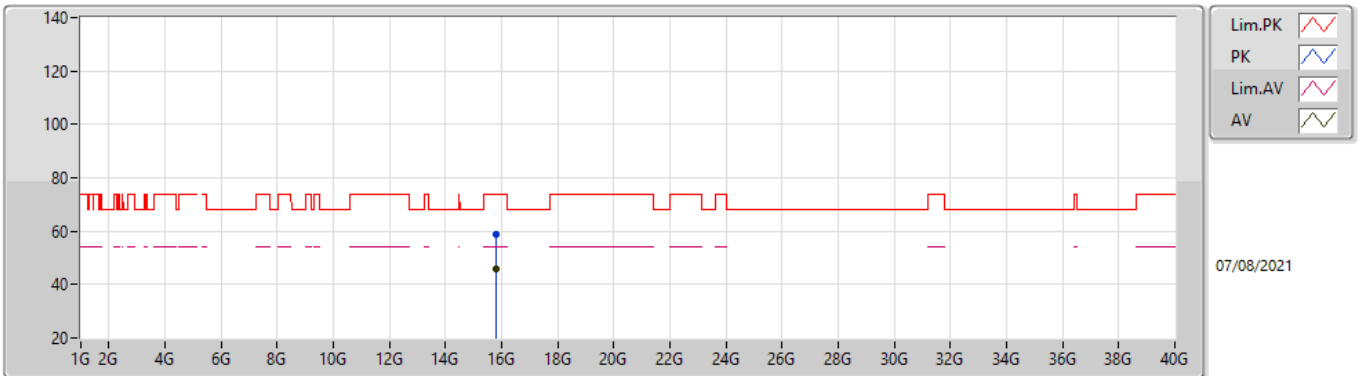


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1286G      | 58.38             | 74.00             | -15.62         | 53.27         | 3           | Horizontal | 96             | 1.79          | -       | 34.01      | 6.44       | 35.34      |
| AV   | 5.1496G      | 45.66             | 54.00             | -8.34          | 40.47         | 3           | Horizontal | 96             | 1.79          | -       | 34.10      | 6.43       | 35.34      |
| PK   | 5.2606G      | 110.06            | Inf               | -Inf           | 104.73        | 3           | Horizontal | 96             | 1.79          | -       | 34.24      | 6.43       | 35.34      |
| AV   | 5.2612G      | 100.86            | Inf               | -Inf           | 95.53         | 3           | Horizontal | 96             | 1.79          | -       | 34.24      | 6.43       | 35.34      |
| PK   | 5.389G       | 58.77             | 74.00             | -15.23         | 53.11         | 3           | Horizontal | 96             | 1.79          | -       | 34.52      | 6.49       | 35.35      |
| AV   | 5.4064G      | 46.20             | 54.00             | -7.80          | 40.51         | 3           | Horizontal | 96             | 1.79          | -       | 34.53      | 6.51       | 35.35      |

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

## 5260MHz\_TnomVnom

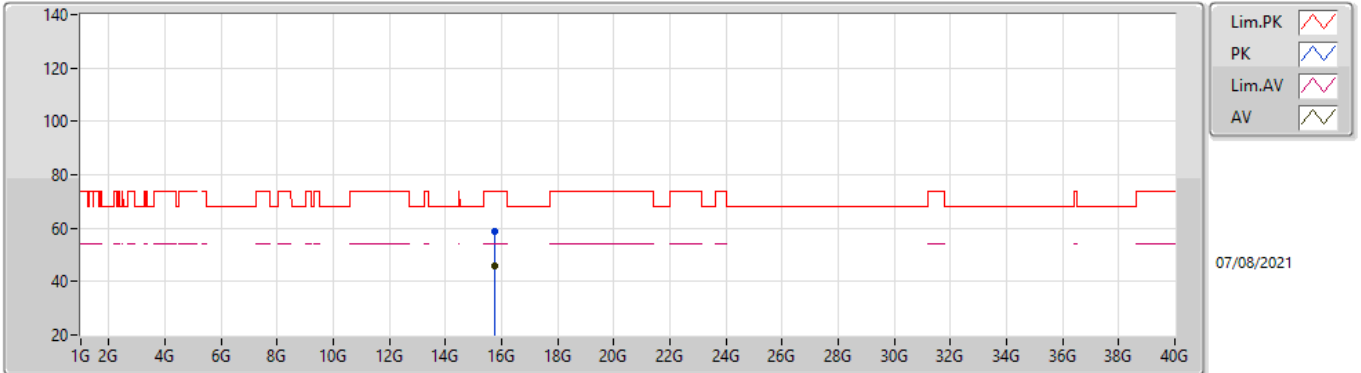


EUT\_Z\_2TX  
Setting 25  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.78458G    | 59.00             | 74.00             | -15.00         | 44.80         | 3           | Vertical  | 354            | 2.37          | -       | 37.92      | 11.89      | 35.61      |
| AV   | 15.7847G     | 45.91             | 54.00             | -8.09          | 31.71         | 3           | Vertical  | 354            | 2.37          | -       | 37.92      | 11.89      | 35.61      |

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

## 5260MHz\_TnomVnom

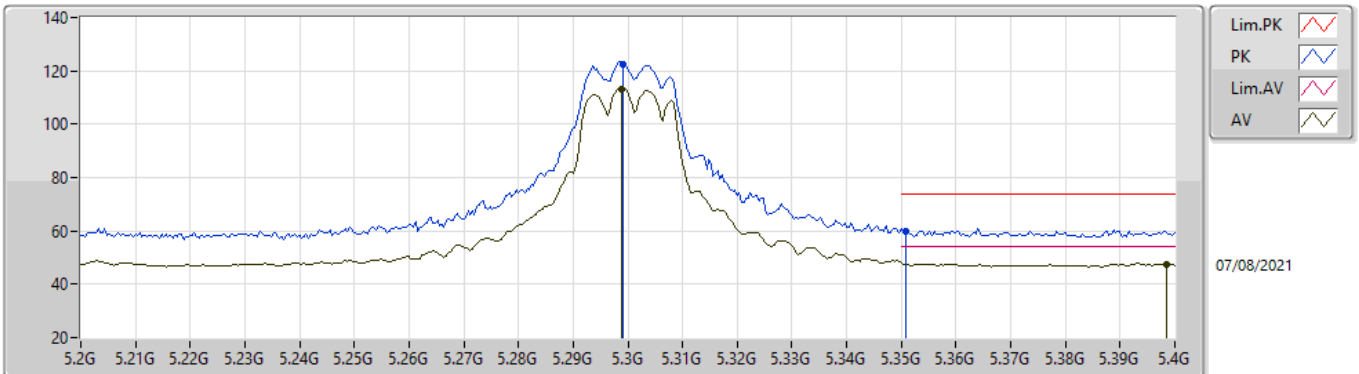


EUT\_Z\_2TX  
Setting 25  
03-C-K-5

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL    | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|-------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB)  | (dB)  |
| PK   | 15.77766G | 58.83    | 74.00    | -15.17 | 44.62  | 3    | Horizontal | 242     | 2.05   | -       | 37.92 | 11.89 | 35.60 |
| AV   | 15.77808G | 45.96    | 54.00    | -8.04  | 31.75  | 3    | Horizontal | 242     | 2.05   | -       | 37.92 | 11.89 | 35.60 |

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

## 5300MHz\_TnomVnom

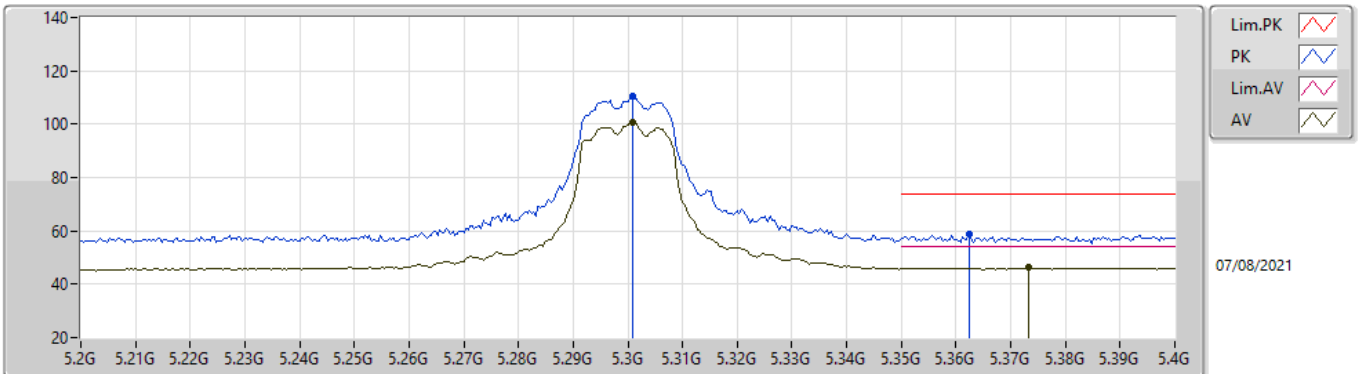


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.2992G      | 122.56            | Inf               | -Inf           | 117.05        | 3           | Vertical  | 82             | 1.68          | -       | 34.40      | 6.45       | 35.34      |  |
| AV   | 5.2988G      | 112.94            | Inf               | -Inf           | 107.43        | 3           | Vertical  | 82             | 1.68          | -       | 34.40      | 6.45       | 35.34      |  |
| PK   | 5.3508G      | 59.91             | 74.00             | -14.09         | 54.17         | 3           | Vertical  | 82             | 1.68          | -       | 34.60      | 6.48       | 35.34      |  |
| AV   | 5.3984G      | 47.33             | 54.00             | -6.67          | 41.68         | 3           | Vertical  | 82             | 1.68          | -       | 34.50      | 6.50       | 35.35      |  |

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

## 5300MHz\_TnomVnom

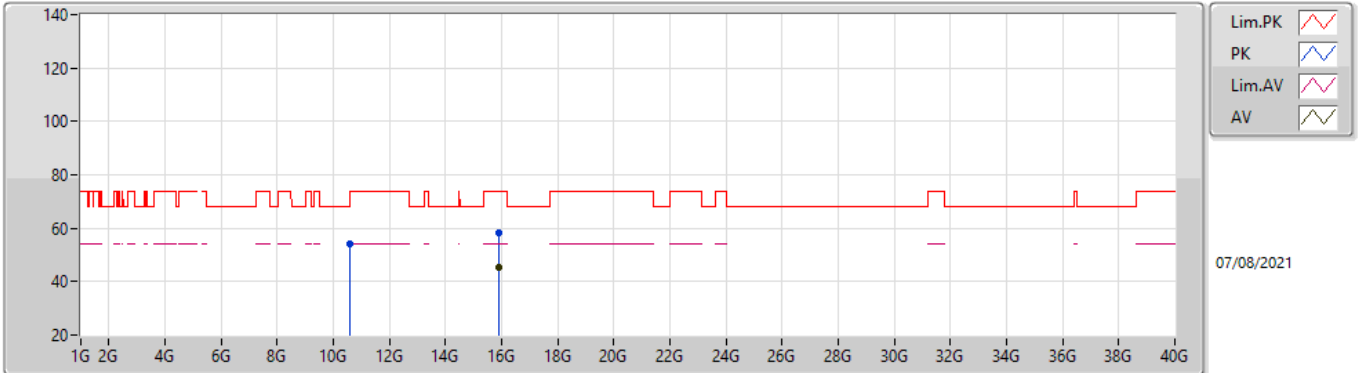


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.3008G      | 110.39            | Inf               | -Inf           | 104.88        | 3           | Horizontal | 97             | 1.80          | -       | 34.40      | 6.45       | 35.34      |  |
| AV   | 5.3008G      | 100.81            | Inf               | -Inf           | 95.30         | 3           | Horizontal | 97             | 1.80          | -       | 34.40      | 6.45       | 35.34      |  |
| PK   | 5.3624G      | 59.04             | 74.00             | -14.96         | 53.32         | 3           | Horizontal | 97             | 1.80          | -       | 34.58      | 6.48       | 35.34      |  |
| AV   | 5.3732G      | 46.25             | 54.00             | -7.75          | 40.55         | 3           | Horizontal | 97             | 1.80          | -       | 34.55      | 6.49       | 35.34      |  |

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

## 5300MHz\_TnomVnom

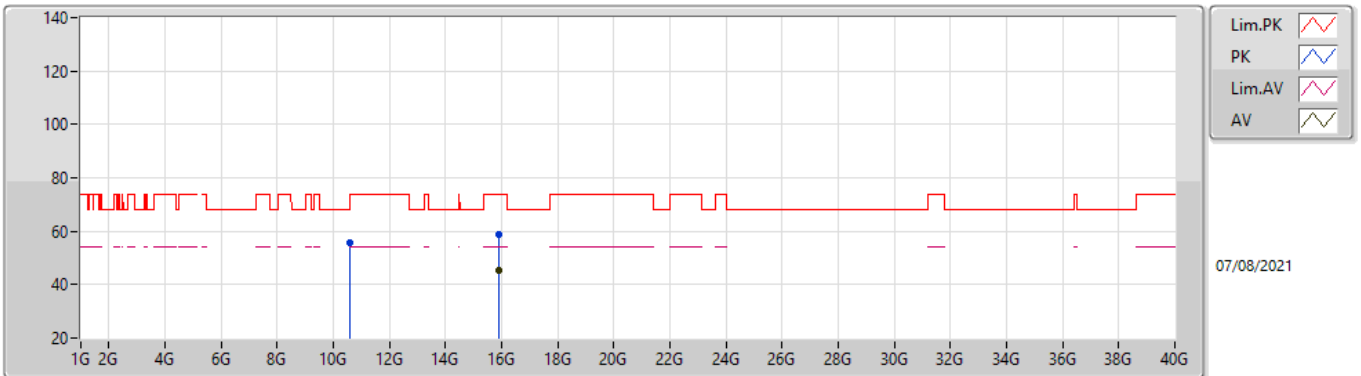


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 10.5997G     | 54.17             | 68.20             | -14.03         | 41.43         | 3           | Vertical  | 356            | 1.86          | -       | 38.40      | 9.72       | 35.38      |  |
| PK   | 15.90748G    | 58.24             | 74.00             | -15.76         | 44.59         | 3           | Vertical  | 278            | 2.39          | -       | 37.41      | 11.95      | 35.71      |  |
| AV   | 15.89016G    | 45.54             | 54.00             | -8.46          | 31.84         | 3           | Vertical  | 278            | 2.39          | -       | 37.45      | 11.95      | 35.70      |  |

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

### 5300MHz\_TnomVnom

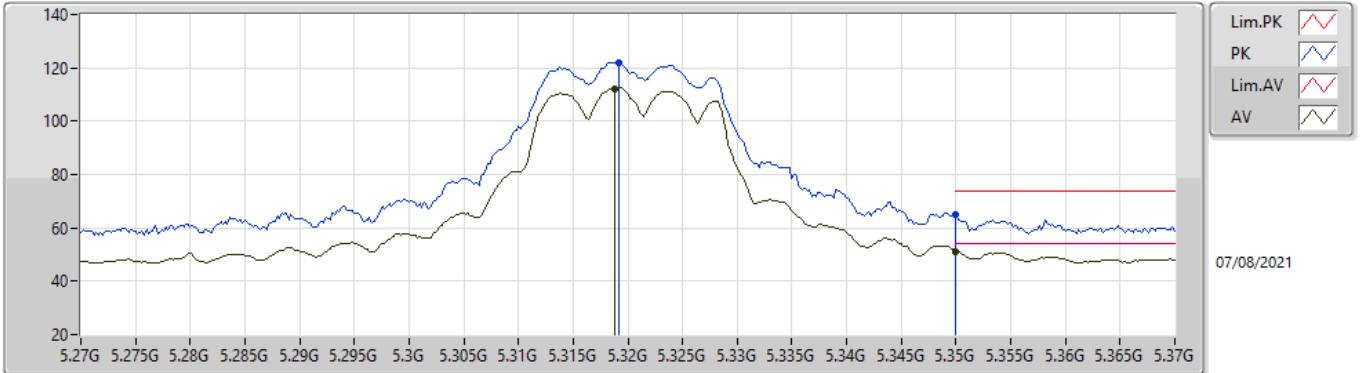


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 10.59708G    | 55.55             | 68.20             | -12.65         | 42.82         | 3           | Horizontal | 188            | 2.17          | -       | 38.40      | 9.72       | 35.39      |
| PK   | 15.90676G    | 58.91             | 74.00             | -15.09         | 45.26         | 3           | Horizontal | 248            | 1.68          | -       | 37.41      | 11.95      | 35.71      |
| AV   | 15.8908G     | 45.46             | 54.00             | -8.54          | 31.76         | 3           | Horizontal | 248            | 1.68          | -       | 37.45      | 11.95      | 35.70      |

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

## 5320MHz\_TnomVnom

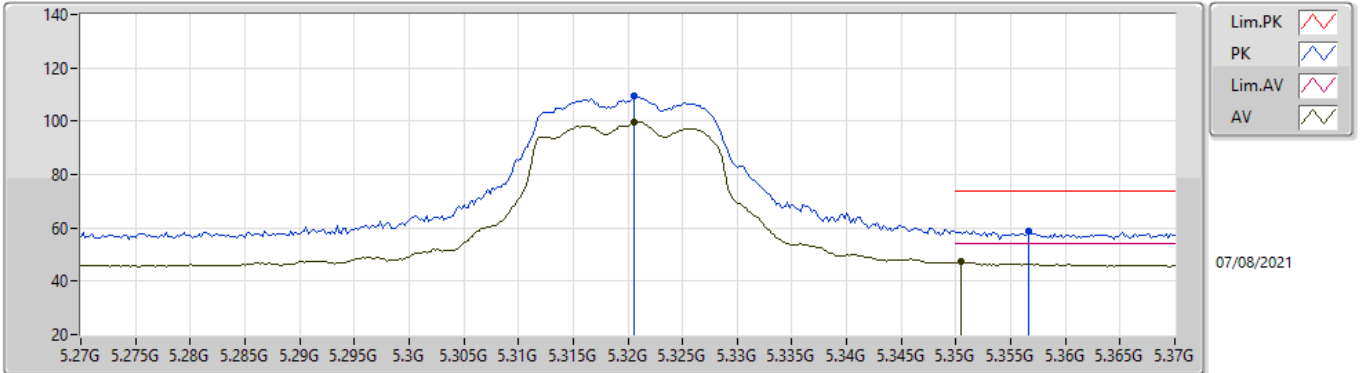


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.3192G      | 121.84            | Inf               | -Inf           | 116.24        | 3           | Vertical  | 81             | 1.77          | -       | 34.48      | 6.46       | 35.34      |  |
| AV   | 5.3188G      | 112.28            | Inf               | -Inf           | 106.68        | 3           | Vertical  | 81             | 1.77          | -       | 34.48      | 6.46       | 35.34      |  |
| PK   | 5.35G        | 64.97             | 74.00             | -9.03          | 59.24         | 3           | Vertical  | 81             | 1.77          | -       | 34.60      | 6.47       | 35.34      |  |
| AV   | 5.35G        | 51.15             | 54.00             | -2.85          | 45.42         | 3           | Vertical  | 81             | 1.77          | -       | 34.60      | 6.47       | 35.34      |  |

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

## 5320MHz\_TnomVnom

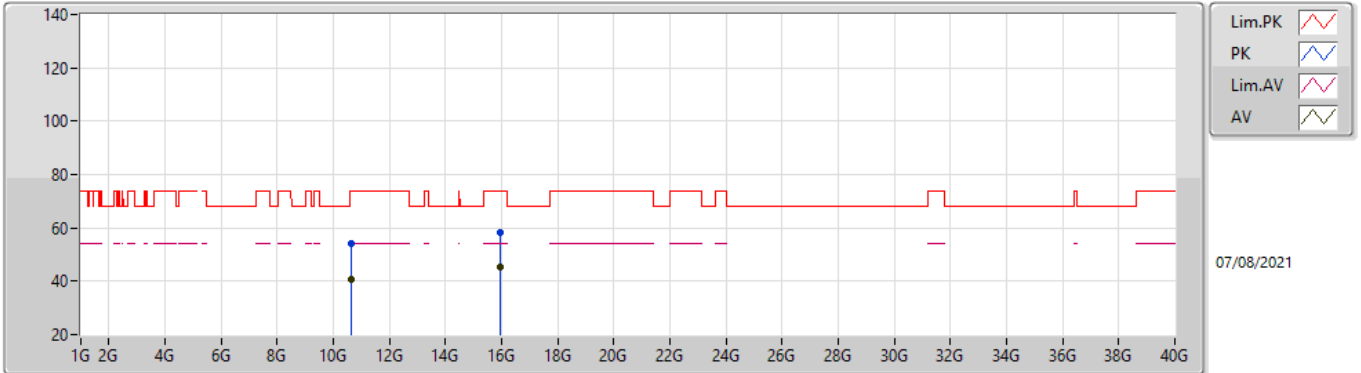


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.3206G      | 109.48            | Inf               | -Inf           | 103.88        | 3           | Horizontal | 96             | 1.76          | -       | 34.48      | 6.46       | 35.34      |  |
| AV   | 5.3206G      | 99.87             | Inf               | -Inf           | 94.27         | 3           | Horizontal | 96             | 1.76          | -       | 34.48      | 6.46       | 35.34      |  |
| PK   | 5.3566G      | 58.76             | 74.00             | -15.24         | 53.03         | 3           | Horizontal | 96             | 1.76          | -       | 34.59      | 6.48       | 35.34      |  |
| AV   | 5.3504G      | 47.46             | 54.00             | -6.54          | 41.72         | 3           | Horizontal | 96             | 1.76          | -       | 34.60      | 6.48       | 35.34      |  |

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

## 5320MHz\_TnomVnom

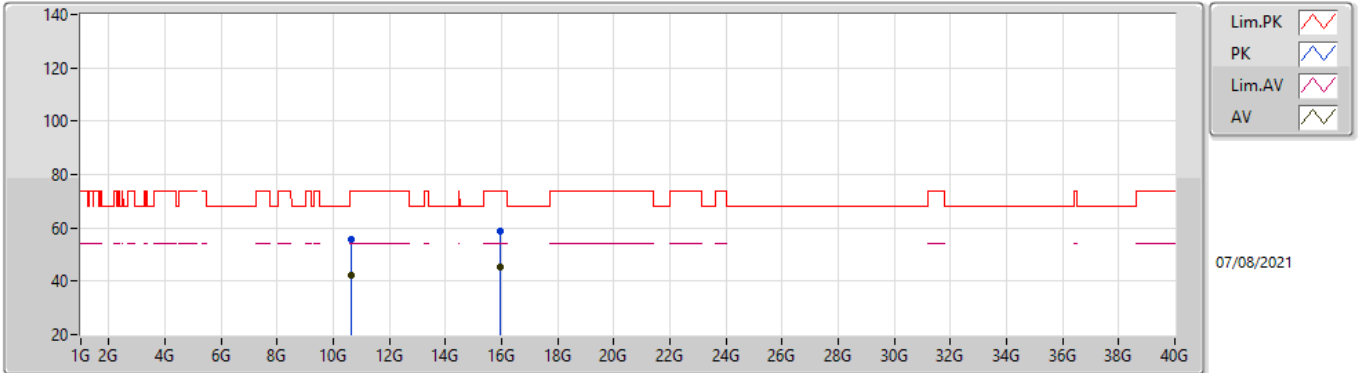


EUT\_Z\_2TX  
Setting 25  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 10.6386G     | 53.98             | 74.00             | -20.02         | 41.20         | 3           | Vertical  | 346            | 1.11          | -       | 38.40      | 9.73       | 35.35      |
| AV   | 10.6416G     | 40.92             | 54.00             | -13.08         | 28.14         | 3           | Vertical  | 346            | 1.11          | -       | 38.40      | 9.73       | 35.35      |
| PK   | 15.96548G    | 58.45             | 74.00             | -15.55         | 44.76         | 3           | Vertical  | 17             | 3.00          | -       | 37.47      | 11.98      | 35.76      |
| AV   | 15.96208G    | 45.11             | 54.00             | -8.89          | 31.43         | 3           | Vertical  | 17             | 3.00          | -       | 37.46      | 11.98      | 35.76      |

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

### 5320MHz\_TnomVnom

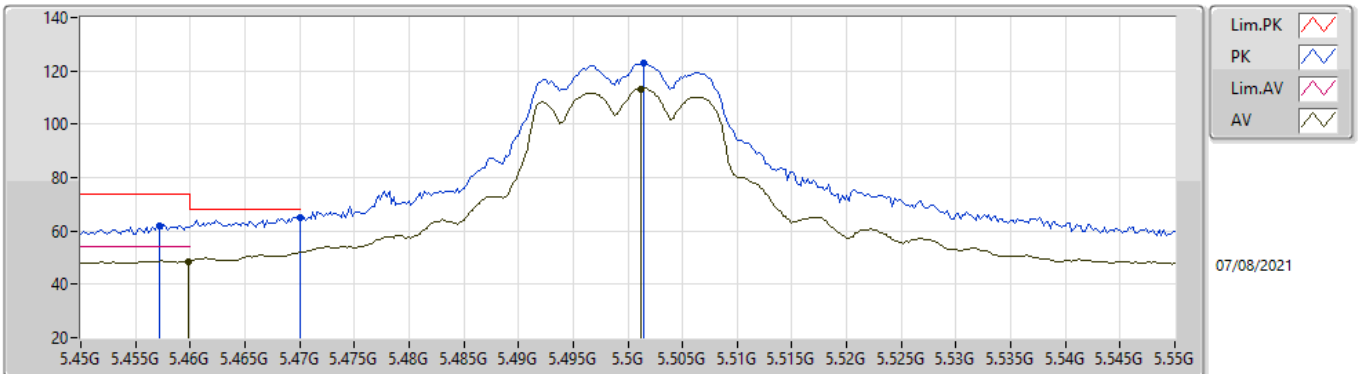


EUT\_Z\_2TX  
Setting 25  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 10.6416G     | 55.59             | 74.00             | -18.41         | 42.81         | 3           | Horizontal | 186            | 2.11          | -       | 38.40      | 9.73       | 35.35      |
| AV   | 10.6418G     | 42.36             | 54.00             | -11.64         | 29.58         | 3           | Horizontal | 186            | 2.11          | -       | 38.40      | 9.73       | 35.35      |
| PK   | 15.95892G    | 58.95             | 74.00             | -15.05         | 45.27         | 3           | Horizontal | 95             | 1.89          | -       | 37.46      | 11.98      | 35.76      |
| AV   | 15.96304G    | 45.11             | 54.00             | -8.89          | 31.43         | 3           | Horizontal | 95             | 1.89          | -       | 37.46      | 11.98      | 35.76      |

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

## 5500MHz\_TnomVnom

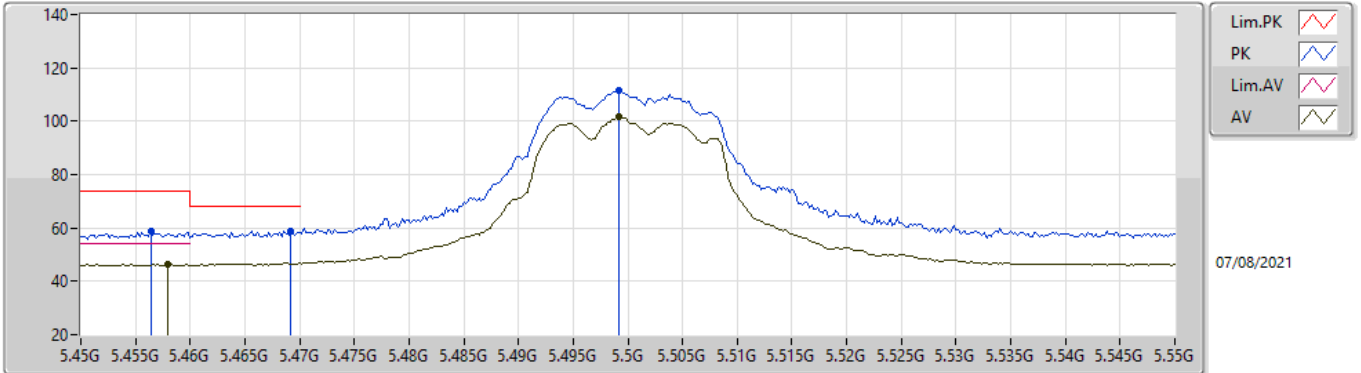


EUT\_Z\_2TX  
Setting 24.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.4572G      | 61.91             | 74.00             | -12.09         | 55.98         | 3           | Vertical  | 266            | 1.65          | -       | 34.69      | 6.59       | 35.35      |
| AV   | 5.4598G      | 48.19             | 54.00             | -5.81          | 42.27         | 3           | Vertical  | 266            | 1.65          | -       | 34.68      | 6.59       | 35.35      |
| PK   | 5.47G        | 64.95             | 68.20             | -3.25          | 59.03         | 3           | Vertical  | 266            | 1.65          | -       | 34.66      | 6.61       | 35.35      |
| PK   | 5.5014G      | 122.92            | Inf               | -Inf           | 117.02        | 3           | Vertical  | 266            | 1.65          | -       | 34.60      | 6.65       | 35.35      |
| AV   | 5.5012G      | 113.22            | Inf               | -Inf           | 107.32        | 3           | Vertical  | 266            | 1.65          | -       | 34.60      | 6.65       | 35.35      |

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

## 5500MHz\_TnomVnom

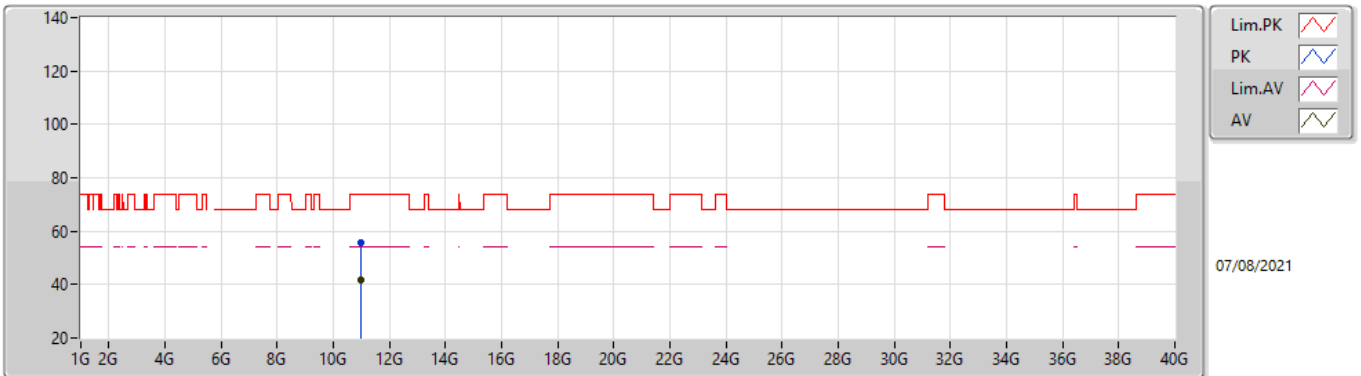


EUT\_Z\_2TX  
Setting 24.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.4564G      | 58.80             | 74.00             | -15.20         | 52.88         | 3           | Horizontal | 304            | 2.42          | -       | 34.69      | 6.58       | 35.35      |  |
| AV   | 5.458G       | 46.32             | 54.00             | -7.68          | 40.40         | 3           | Horizontal | 304            | 2.42          | -       | 34.68      | 6.59       | 35.35      |  |
| PK   | 5.4692G      | 58.69             | 68.20             | -9.51          | 52.78         | 3           | Horizontal | 304            | 2.42          | -       | 34.66      | 6.60       | 35.35      |  |
| PK   | 5.4992G      | 111.33            | Inf               | -Inf           | 105.43        | 3           | Horizontal | 304            | 2.42          | -       | 34.60      | 6.65       | 35.35      |  |
| AV   | 5.4992G      | 101.73            | Inf               | -Inf           | 95.83         | 3           | Horizontal | 304            | 2.42          | -       | 34.60      | 6.65       | 35.35      |  |

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

### 5500MHz\_TnomVnom

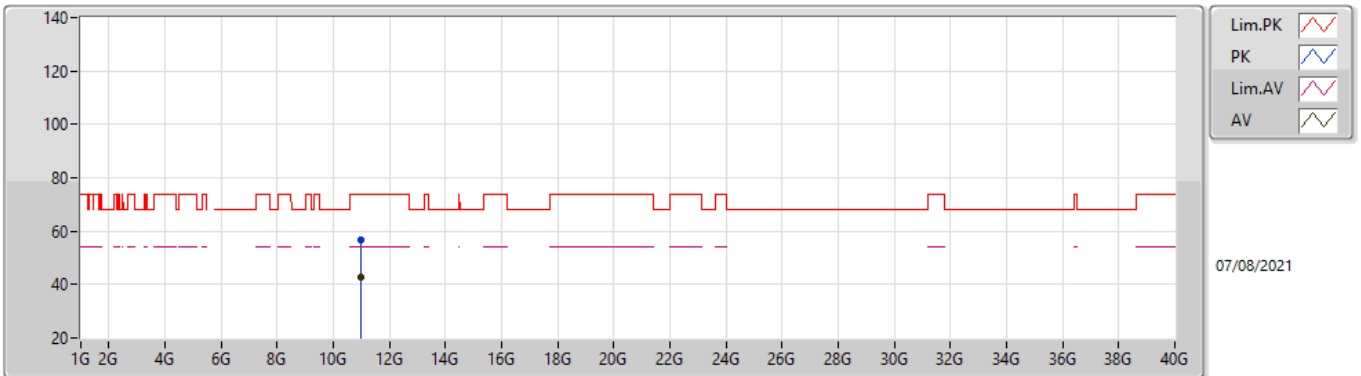


EUT\_Z\_2TX  
Setting 24.5  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 10.99236G    | 55.45             | 74.00             | -18.55         | 42.11         | 3           | Vertical  | 130            | 1.53          | -       | 38.59      | 9.80       | 35.05      |
| AV   | 11.00784G    | 41.86             | 54.00             | -12.14         | 28.50         | 3           | Vertical  | 130            | 1.53          | -       | 38.61      | 9.80       | 35.05      |

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

### 5500MHz\_TnomVnom

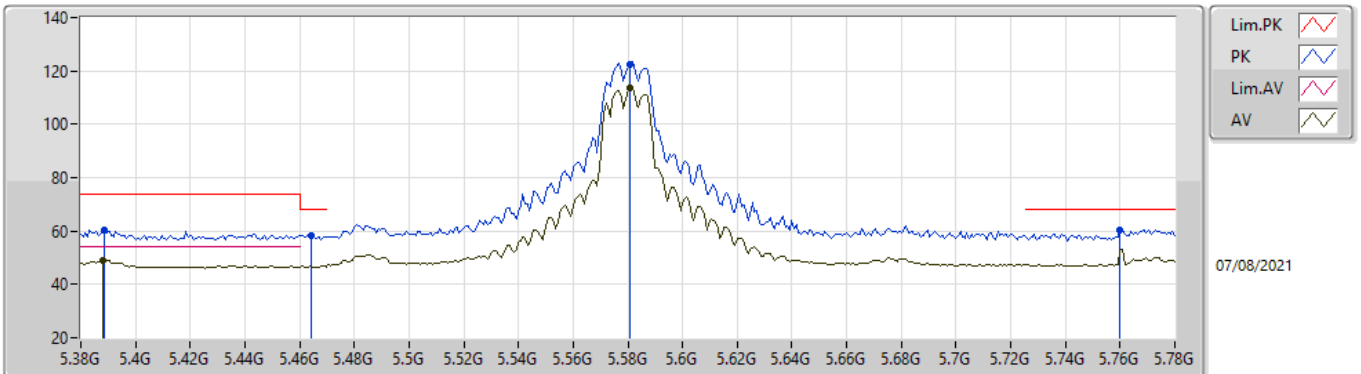


EUT\_Z\_2TX  
Setting 24.5  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.0018G     | 56.48             | 74.00             | -17.52         | 43.12         | 3           | Horizontal | 179            | 1.74          | -       | 38.60      | 9.80       | 35.04      |
| AV   | 11.0014G     | 42.99             | 54.00             | -11.01         | 29.63         | 3           | Horizontal | 179            | 1.74          | -       | 38.60      | 9.80       | 35.04      |

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

## 5580MHz\_TnomVnom

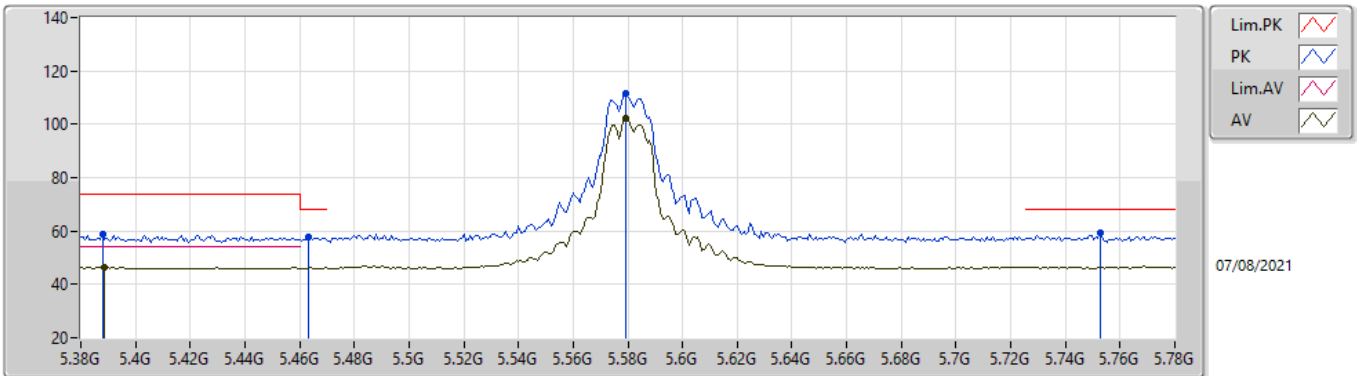


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.3888G      | 60.27             | 74.00             | -13.73         | 54.61         | 3           | Vertical  | 108            | 1.74          | -       | 34.52      | 6.49       | 35.35      |
| AV   | 5.388G       | 49.15             | 54.00             | -4.85          | 43.49         | 3           | Vertical  | 108            | 1.74          | -       | 34.52      | 6.49       | 35.35      |
| PK   | 5.464G       | 58.35             | 68.20             | -9.85          | 52.43         | 3           | Vertical  | 108            | 1.74          | -       | 34.67      | 6.60       | 35.35      |
| PK   | 5.5808G      | 122.63            | Inf               | -Inf           | 116.77        | 3           | Vertical  | 108            | 1.74          | -       | 34.48      | 6.77       | 35.39      |
| AV   | 5.5808G      | 113.50            | Inf               | -Inf           | 107.64        | 3           | Vertical  | 108            | 1.74          | -       | 34.48      | 6.77       | 35.39      |
| PK   | 5.76G        | 60.39             | 68.20             | -7.81          | 54.59         | 3           | Vertical  | 108            | 1.74          | -       | 34.40      | 6.88       | 35.48      |

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

## 5580MHz\_TnomVnom

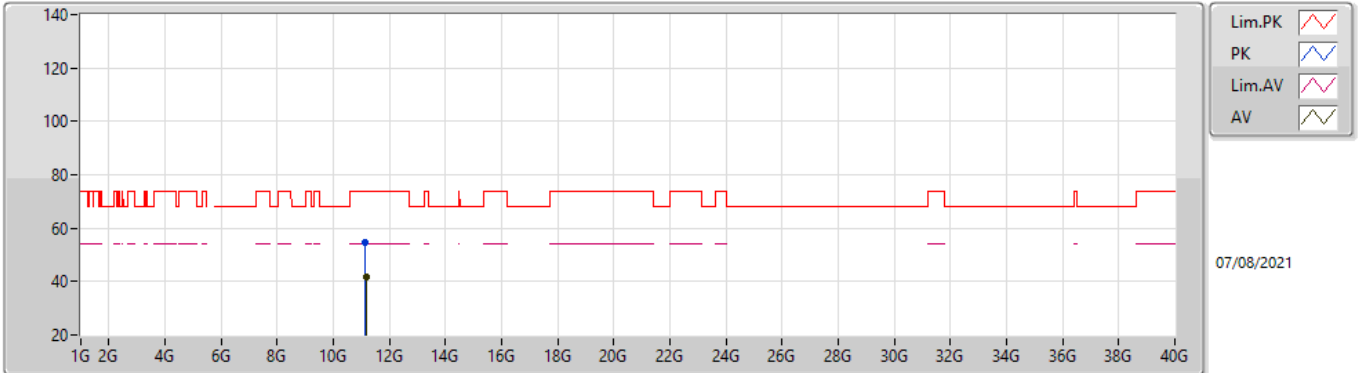


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.388G       | 58.86             | 74.00             | -15.14         | 53.20         | 3           | Horizontal | 306            | 2.30          | -       | 34.52      | 6.49       | 35.35      |
| AV   | 5.3888G      | 46.45             | 54.00             | -7.55          | 40.79         | 3           | Horizontal | 306            | 2.30          | -       | 34.52      | 6.49       | 35.35      |
| PK   | 5.4632G      | 57.85             | 68.20             | -10.35         | 51.94         | 3           | Horizontal | 306            | 2.30          | -       | 34.67      | 6.59       | 35.35      |
| PK   | 5.5792G      | 111.54            | Inf               | -Inf           | 105.68        | 3           | Horizontal | 306            | 2.30          | -       | 34.48      | 6.77       | 35.39      |
| AV   | 5.5792G      | 102.03            | Inf               | -Inf           | 96.17         | 3           | Horizontal | 306            | 2.30          | -       | 34.48      | 6.77       | 35.39      |
| PK   | 5.7528G      | 59.35             | 68.20             | -8.85          | 53.55         | 3           | Horizontal | 306            | 2.30          | -       | 34.40      | 6.88       | 35.48      |

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

### 5580MHz\_TnomVnom

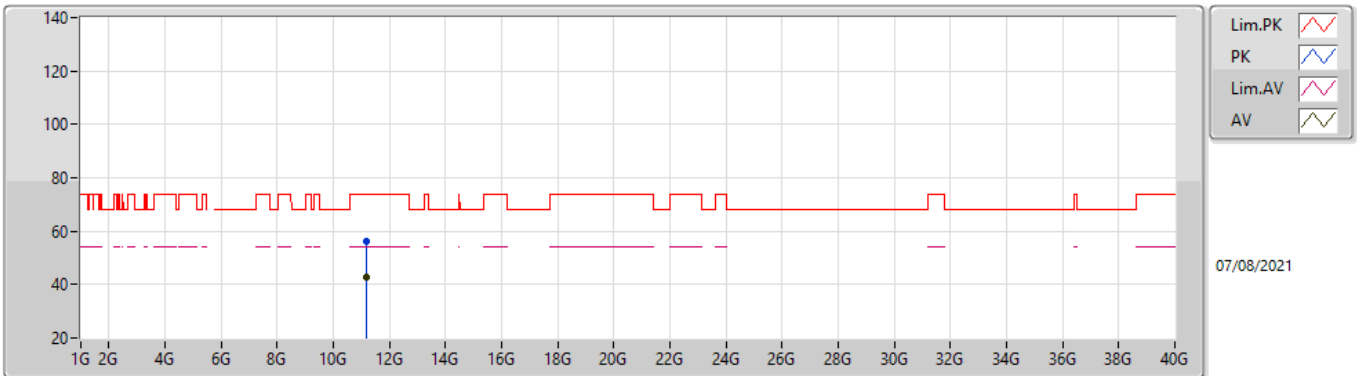


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.15376G    | 54.62             | 74.00             | -19.38         | 41.25         | 3           | Vertical  | 360            | 1.29          | -       | 38.75      | 9.83       | 35.21      |
| AV   | 11.16896G    | 41.50             | 54.00             | -12.50         | 28.13         | 3           | Vertical  | 360            | 1.29          | -       | 38.77      | 9.83       | 35.23      |

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

## 5580MHz\_TnomVnom

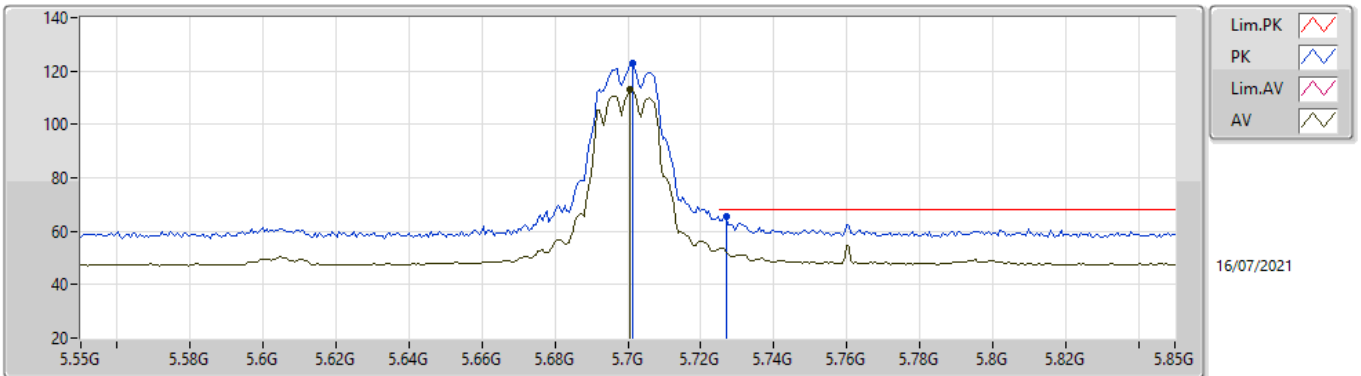


EUT\_Z\_2TX  
Setting 25.5  
03-C-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.1616G     | 56.21             | 74.00             | -17.79         | 42.84         | 3           | Horizontal | 181            | 1.64          | -       | 38.76      | 9.83       | 35.22      |
| AV   | 11.16048G    | 42.98             | 54.00             | -11.02         | 29.61         | 3           | Horizontal | 181            | 1.64          | -       | 38.76      | 9.83       | 35.22      |

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

## 5700MHz\_TnomVnom

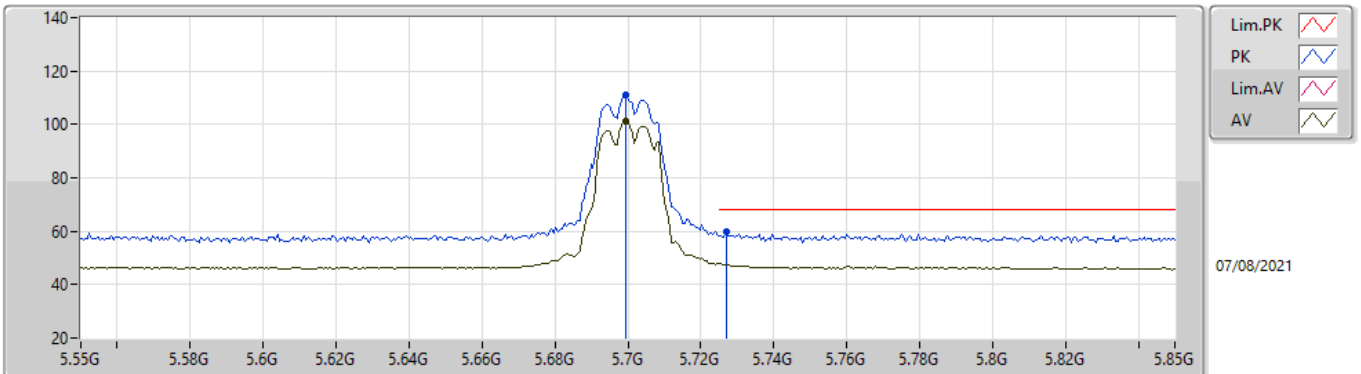


EUT\_Z\_2TX  
Setting 22.5  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.7012G      | 122.82            | Inf               | -Inf           | 116.13        | 3           | Vertical  | 67             | 1.42          | -       | 34.00      | 5.95       | 33.26      |
| AV   | 5.7006G      | 113.23            | Inf               | -Inf           | 106.54        | 3           | Vertical  | 67             | 1.42          | -       | 34.00      | 5.95       | 33.26      |
| PK   | 5.727G       | 65.52             | 68.20             | -2.68          | 58.72         | 3           | Vertical  | 67             | 1.42          | -       | 34.11      | 5.96       | 33.27      |

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

## 5700MHz\_TnomVnom

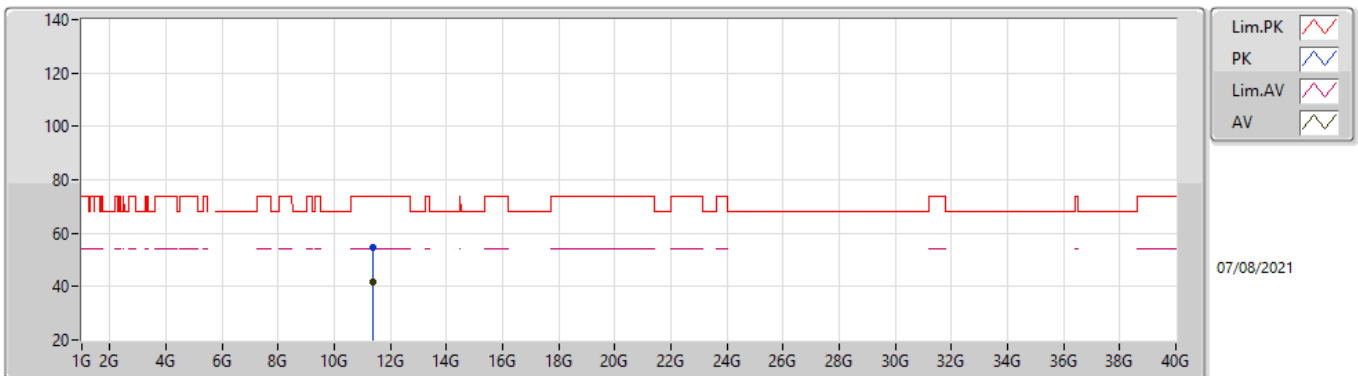


EUT\_Z\_2TX  
Setting 22.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.6994G      | 111.08            | Inf               | -Inf           | 105.28        | 3           | Horizontal | 272            | 2.97          | -       | 34.40      | 6.85       | 35.45      |
| AV   | 5.6994G      | 101.32            | Inf               | -Inf           | 95.52         | 3           | Horizontal | 272            | 2.97          | -       | 34.40      | 6.85       | 35.45      |
| PK   | 5.727G       | 59.78             | 68.20             | -8.42          | 53.98         | 3           | Horizontal | 272            | 2.97          | -       | 34.40      | 6.86       | 35.46      |

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

### 5700MHz\_TnomVnom

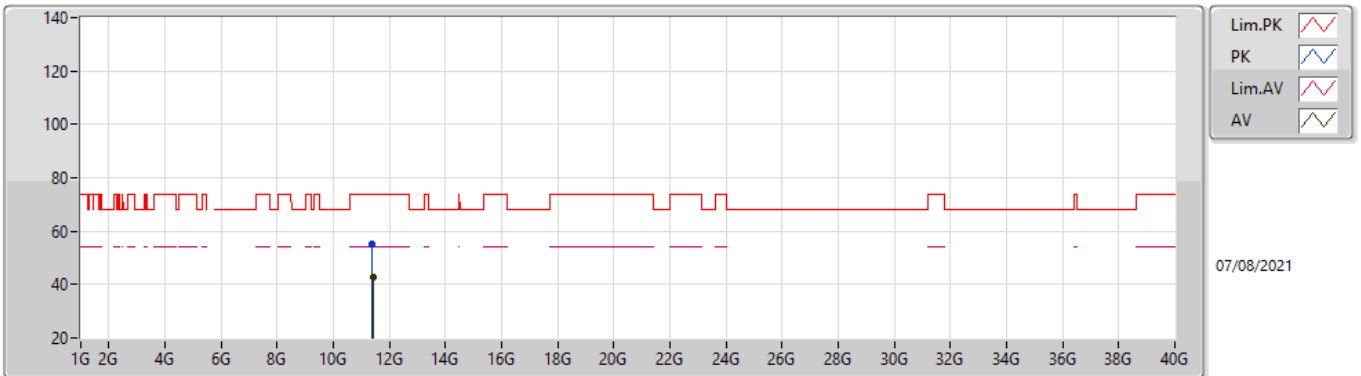


EUT Z\_2TX  
Setting 22.5  
03-D-K-5

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition | Azimuth | Height | Comment | AF    | CL   | PA    |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|-------|------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |           | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |  |
| PK   | 11.401G   | 54.86    | 74.00    | -19.14 | 41.47  | 3    | Vertical  | 86      | 1.00   | -       | 39.00 | 9.88 | 35.49 |  |
| AV   | 11.40016G | 41.59    | 54.00    | -12.41 | 28.20  | 3    | Vertical  | 86      | 1.00   | -       | 39.00 | 9.88 | 35.49 |  |

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

### 5700MHz\_TnomVnom

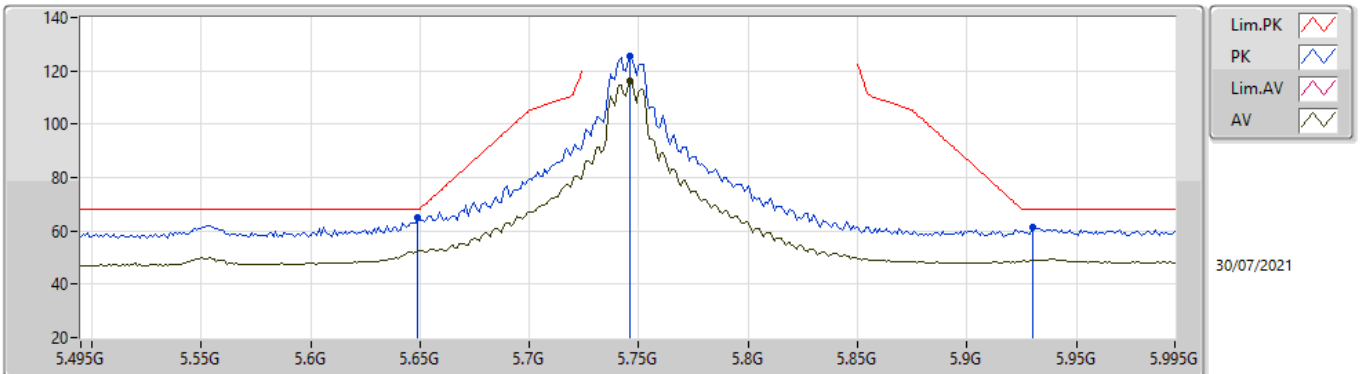


EUT\_Z\_2TX  
Setting 22.5  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.39816G    | 55.26             | 74.00             | -18.74         | 41.87         | 3           | Horizontal | 176            | 1.71          | -       | 39.00      | 9.88       | 35.49      |  |
| AV   | 11.40176G    | 42.63             | 54.00             | -11.37         | 29.24         | 3           | Horizontal | 176            | 1.71          | -       | 39.00      | 9.88       | 35.49      |  |

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

## 5745MHz\_TnomVnom

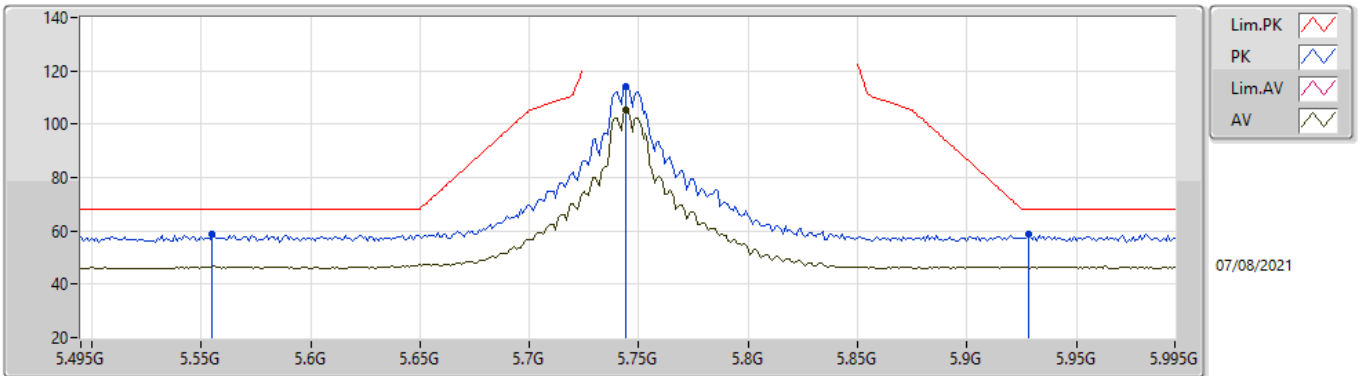


EUT\_Z\_2TX  
Setting 26.5  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.649G       | 65.03             | 68.20             | -3.17          | 58.45         | 3           | Vertical  | 64             | 1.44          | -       | 33.90      | 5.92       | 33.24      |  |
| PK   | 5.746G       | 125.42            | Inf               | -Inf           | 118.55        | 3           | Vertical  | 64             | 1.44          | -       | 34.18      | 5.97       | 33.28      |  |
| AV   | 5.746G       | 116.22            | Inf               | -Inf           | 109.35        | 3           | Vertical  | 64             | 1.44          | -       | 34.18      | 5.97       | 33.28      |  |
| PK   | 5.93G        | 61.24             | 68.20             | -6.96          | 53.54         | 3           | Vertical  | 64             | 1.44          | -       | 34.92      | 6.13       | 33.35      |  |

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

## 5745MHz\_TnomVnom



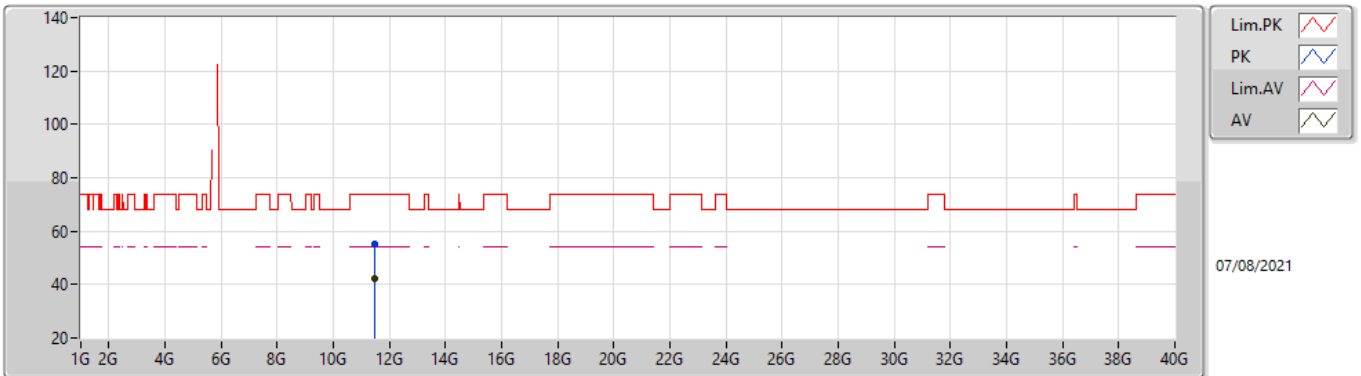
07/08/2021

EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.555G       | 58.85             | 68.20             | -9.35          | 52.92         | 3           | Horizontal | 270            | 2.96          | -       | 34.58      | 6.73       | 35.38      |
| PK   | 5.744G       | 114.26            | Inf               | -Inf           | 108.46        | 3           | Horizontal | 270            | 2.96          | -       | 34.40      | 6.87       | 35.47      |
| AV   | 5.744G       | 105.43            | Inf               | -Inf           | 99.63         | 3           | Horizontal | 270            | 2.96          | -       | 34.40      | 6.87       | 35.47      |
| PK   | 5.928G       | 58.90             | 68.20             | -9.30          | 52.86         | 3           | Horizontal | 270            | 2.96          | -       | 34.64      | 6.96       | 35.56      |

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

## 5745MHz\_TnomVnom

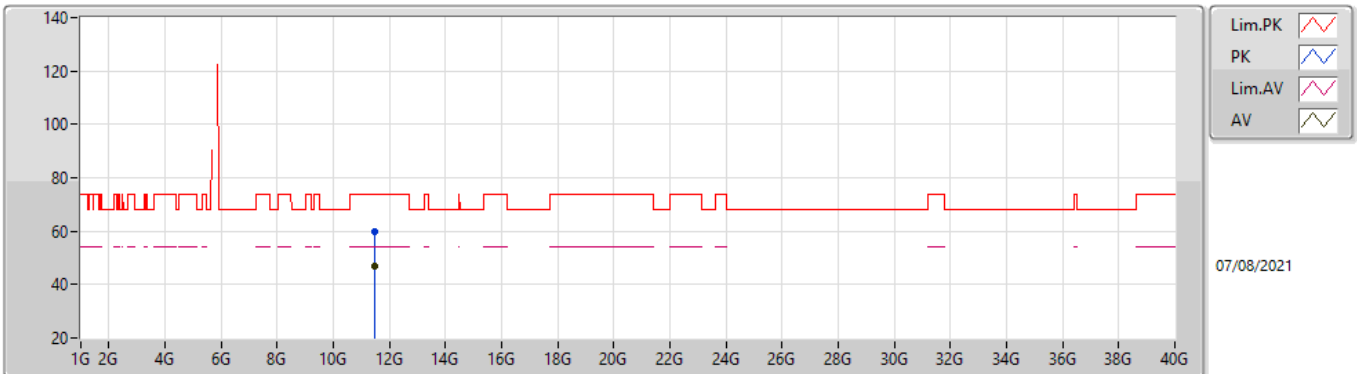


EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.49164G    | 55.41             | 74.00             | -18.59         | 41.92         | 3           | Vertical  | 181            | 1.80          | -       | 39.18      | 9.90       | 35.59      |  |
| AV   | 11.49024G    | 42.19             | 54.00             | -11.81         | 28.70         | 3           | Vertical  | 181            | 1.80          | -       | 39.18      | 9.90       | 35.59      |  |

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

## 5745MHz\_TnomVnom

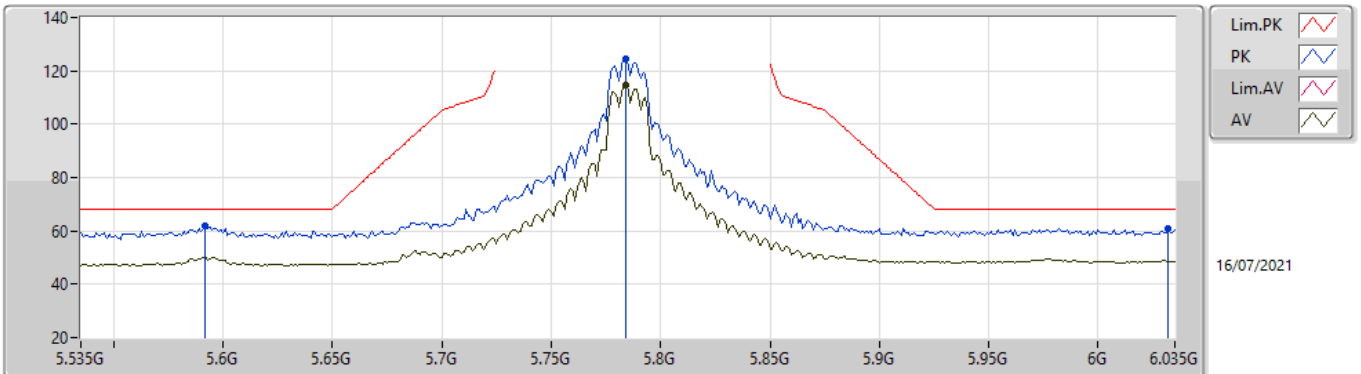


EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.49164G    | 59.84             | 74.00             | -14.16         | 46.35         | 3           | Horizontal | 176            | 2.05          | -       | 39.18      | 9.90       | 35.59      |  |
| AV   | 11.49196G    | 46.66             | 54.00             | -7.34          | 33.17         | 3           | Horizontal | 176            | 2.05          | -       | 39.18      | 9.90       | 35.59      |  |

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

## 5785MHz\_TnomVnom

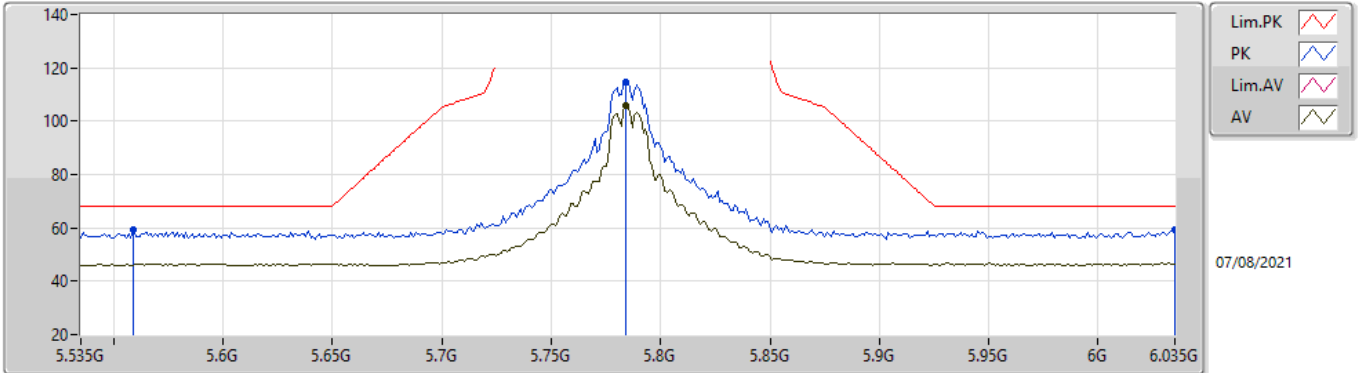


EUT\_Z\_2TX  
Setting 26.5  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.592G       | 62.11             | 68.20             | -6.09          | 55.55         | 3           | Vertical  | 238            | 1.57          | -       | 33.88      | 5.90       | 33.22      |  |
| PK   | 5.784G       | 124.36            | Inf               | -Inf           | 117.46        | 3           | Vertical  | 238            | 1.57          | -       | 34.20      | 5.99       | 33.29      |  |
| AV   | 5.784G       | 114.63            | Inf               | -Inf           | 107.73        | 3           | Vertical  | 238            | 1.57          | -       | 34.20      | 5.99       | 33.29      |  |
| PK   | 6.032G       | 60.78             | 68.20             | -7.42          | 52.61         | 3           | Vertical  | 238            | 1.57          | -       | 35.33      | 6.20       | 33.36      |  |

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

## 5785MHz\_TnomVnom

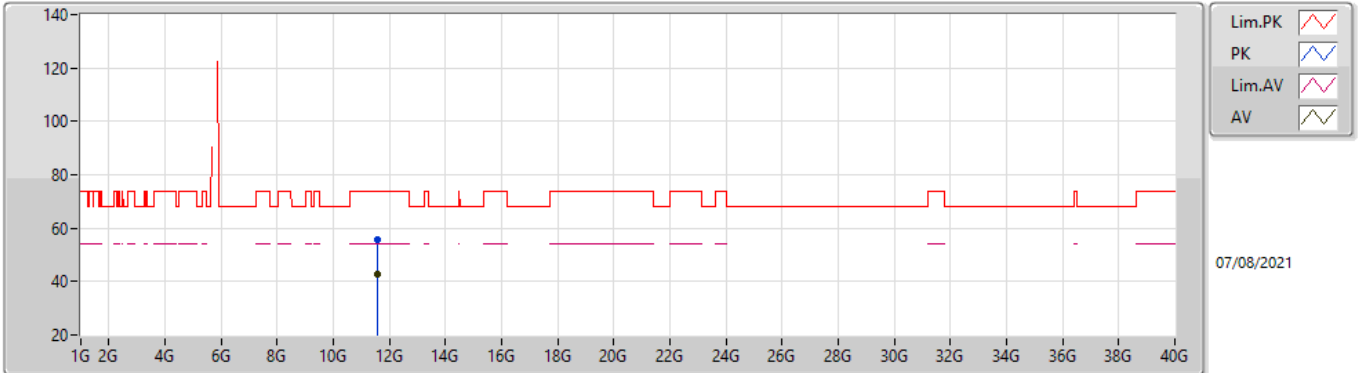


EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.559G       | 59.11             | 68.20             | -9.09          | 53.19         | 3           | Horizontal | 270            | 2.82          | -       | 34.56      | 6.74       | 35.38      |
| PK   | 5.784G       | 114.86            | Inf               | -Inf           | 109.06        | 3           | Horizontal | 270            | 2.82          | -       | 34.40      | 6.89       | 35.49      |
| AV   | 5.784G       | 105.91            | Inf               | -Inf           | 100.11        | 3           | Horizontal | 270            | 2.82          | -       | 34.40      | 6.89       | 35.49      |
| PK   | 6.035G       | 59.08             | 68.20             | -9.12          | 52.88         | 3           | Horizontal | 270            | 2.82          | -       | 34.77      | 7.02       | 35.59      |

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

## 5785MHz\_TnomVnom

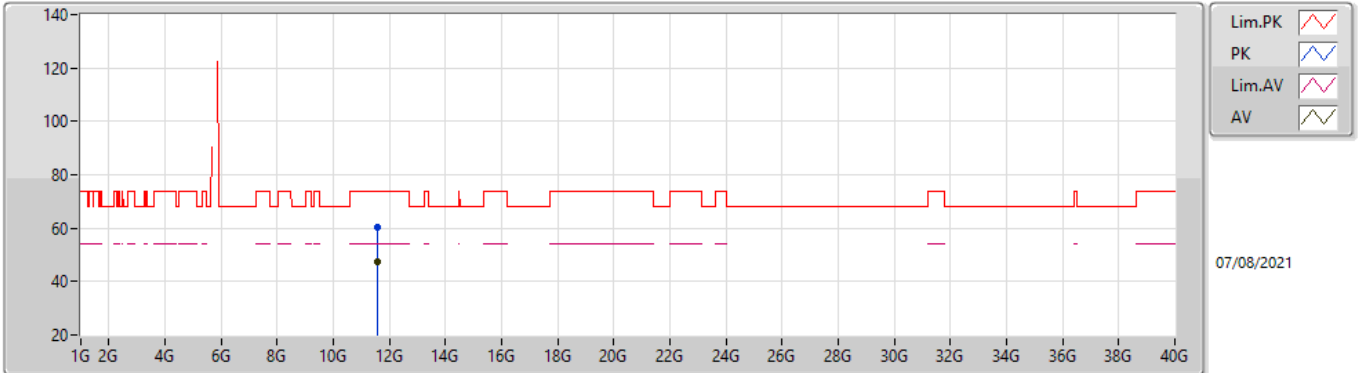


EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.57172G    | 55.52             | 74.00             | -18.48         | 41.70         | 3           | Vertical  | 360            | 1.93          | -       | 39.49      | 9.91       | 35.58      |  |
| AV   | 11.56756G    | 42.59             | 54.00             | -11.41         | 28.80         | 3           | Vertical  | 360            | 1.93          | -       | 39.47      | 9.91       | 35.59      |  |

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

## 5785MHz\_TnomVnom

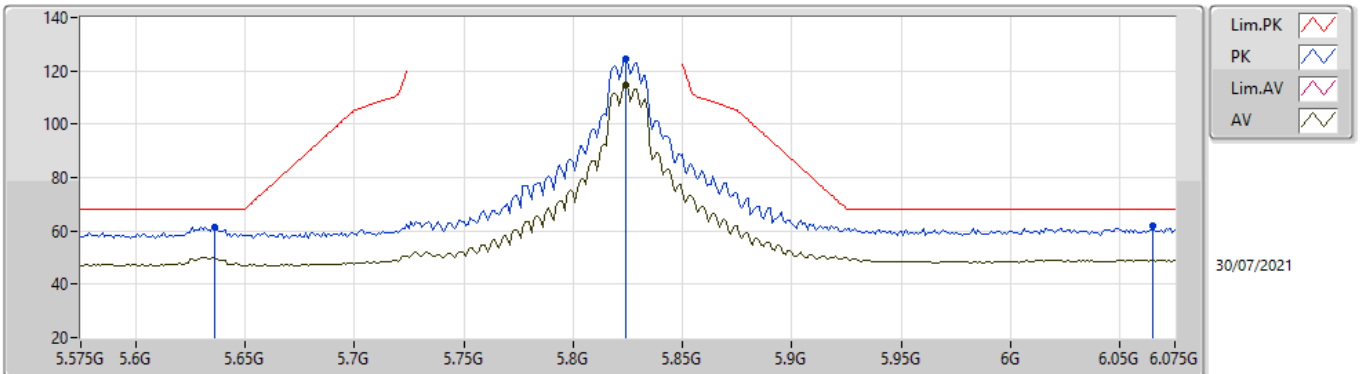


EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.572G      | 60.57             | 74.00             | -13.43         | 46.75         | 3           | Horizontal | 177            | 2.07          | -       | 39.49      | 9.91       | 35.58      |  |
| AV   | 11.57204G    | 47.53             | 54.00             | -6.47          | 33.71         | 3           | Horizontal | 177            | 2.07          | -       | 39.49      | 9.91       | 35.58      |  |

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

## 5825MHz\_TnomVnom

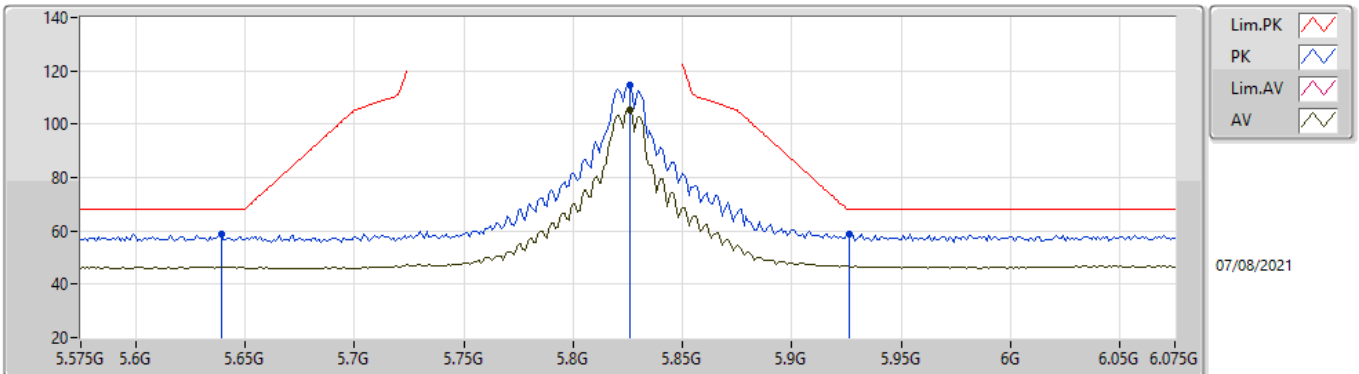


EUT\_Z\_2TX  
Setting 26.5  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.636G       | 61.52             | 68.20             | -6.68          | 54.93         | 3           | Vertical  | 237            | 1.80          | -       | 33.90      | 5.92       | 33.23      |  |
| PK   | 5.824G       | 124.44            | Inf               | -Inf           | 117.39        | 3           | Vertical  | 237            | 1.80          | -       | 34.34      | 6.02       | 33.31      |  |
| AV   | 5.824G       | 114.41            | Inf               | -Inf           | 107.36        | 3           | Vertical  | 237            | 1.80          | -       | 34.34      | 6.02       | 33.31      |  |
| PK   | 6.065G       | 61.82             | 68.20             | -6.38          | 53.56         | 3           | Vertical  | 237            | 1.80          | -       | 35.40      | 6.20       | 33.34      |  |

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

## 5825MHz\_TnomVnom

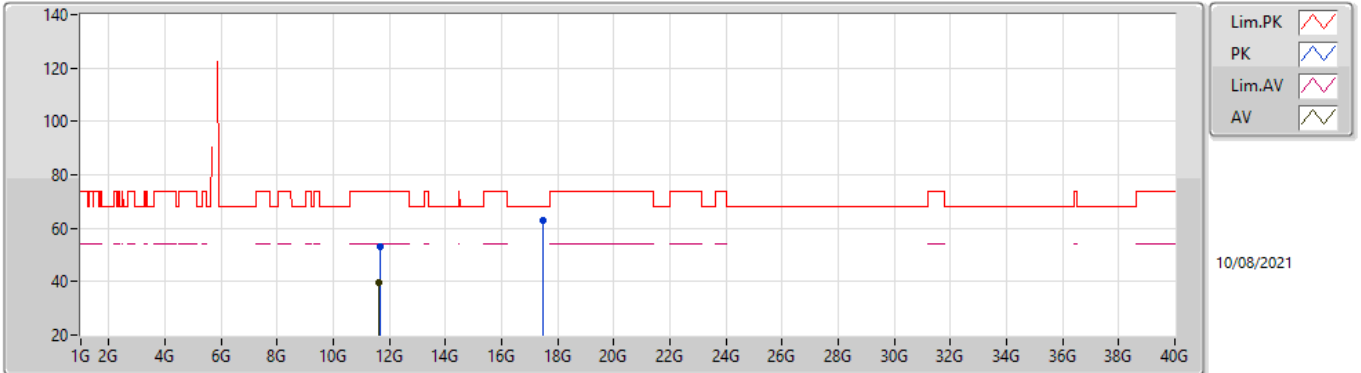


EUT\_Z\_2TX  
Setting 26.5  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.639G       | 58.66             | 68.20             | -9.54          | 52.86         | 3           | Horizontal | 279            | 2.79          | -       | 34.40      | 6.82       | 35.42      |  |
| PK   | 5.826G       | 114.73            | Inf               | -Inf           | 108.93        | 3           | Horizontal | 279            | 2.79          | -       | 34.40      | 6.91       | 35.51      |  |
| AV   | 5.826G       | 105.53            | Inf               | -Inf           | 99.73         | 3           | Horizontal | 279            | 2.79          | -       | 34.40      | 6.91       | 35.51      |  |
| PK   | 5.926G       | 58.96             | 68.20             | -9.24          | 52.91         | 3           | Horizontal | 279            | 2.79          | -       | 34.65      | 6.96       | 35.56      |  |

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

## 5825MHz\_TnomVnom

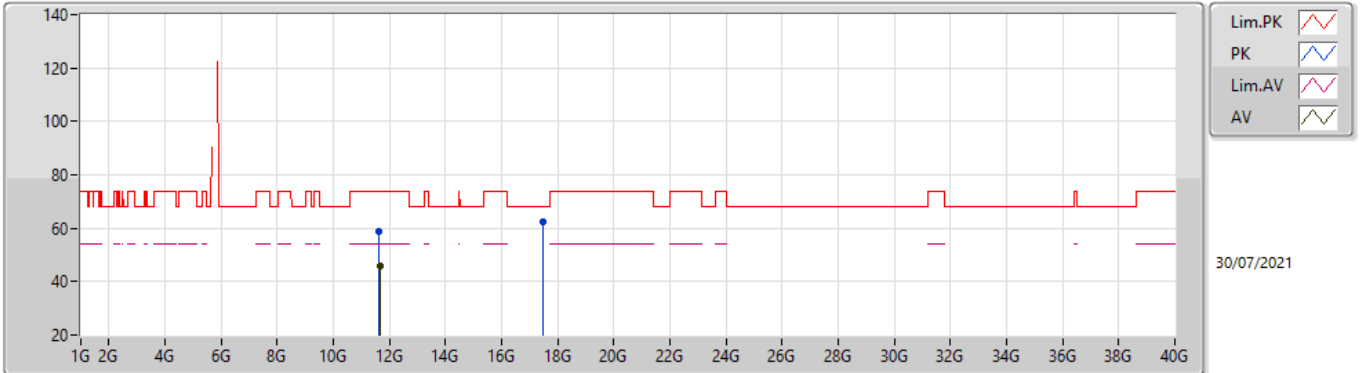


EUT\_Z\_2TX  
Setting 26.5  
02-A-K-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.6509G     | 52.89             | 74.00             | -21.11         | 39.12         | 3           | Vertical  | 1              | 2.68          | -       | 39.35      | 7.68       | 33.26      |  |
| AV   | 11.64G       | 39.70             | 54.00             | -14.30         | 25.95         | 3           | Vertical  | 1              | 2.68          | -       | 39.34      | 7.67       | 33.26      |  |
| PK   | 17.4833G     | 62.68             | 68.20             | -5.52          | 42.64         | 3           | Vertical  | 10             | 1.80          | -       | 43.68      | 9.35       | 32.99      |  |

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

## 5825MHz\_TnomVnom

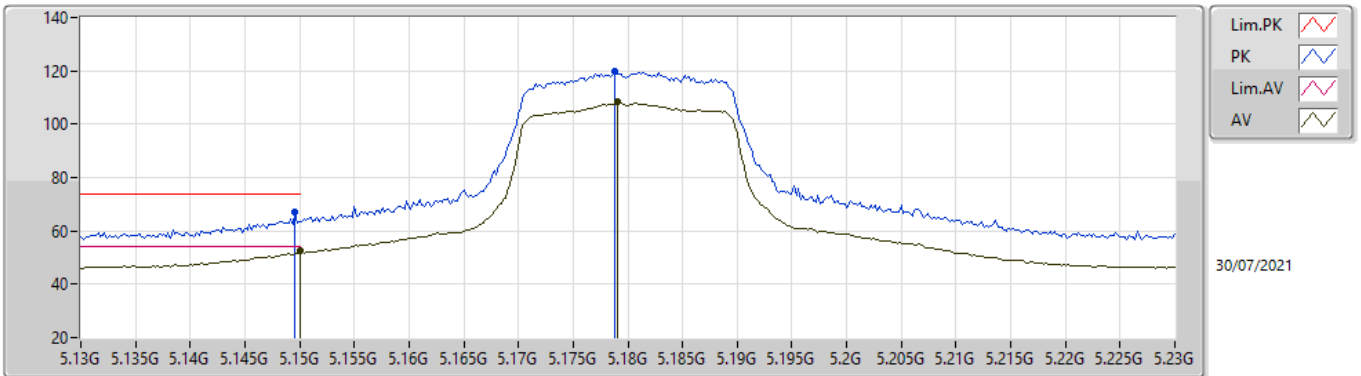


EUT\_Z\_2TX  
Setting 26.5  
02-A-K-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.64696G    | 58.77             | 74.00             | -15.23         | 45.00         | 3           | Horizontal | 128            | 1.80          | -       | 39.35      | 7.68       | 33.26      |
| AV   | 11.65224G    | 45.74             | 54.00             | -8.26          | 31.97         | 3           | Horizontal | 128            | 1.80          | -       | 39.35      | 7.68       | 33.26      |
| PK   | 17.48372G    | 62.45             | 68.20             | -5.75          | 42.40         | 3           | Horizontal | 100            | 1.83          | -       | 43.69      | 9.35       | 32.99      |

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

## 5180MHz\_TnomVnom

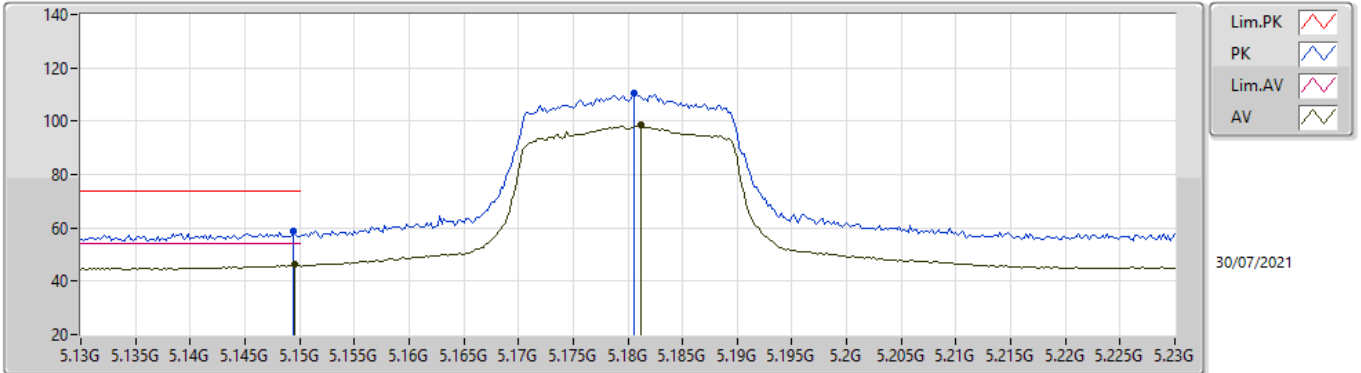


EUT\_Z\_2TX  
Setting 26  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.1496G      | 67.22             | 74.00             | -6.78          | 60.87         | 3           | Vertical  | 216.1          | 1.80          | -       | 33.50      | 5.00       | 32.15      |  |
| AV   | 5.15G        | 52.37             | 54.00             | -1.63          | 46.02         | 3           | Vertical  | 216.1          | 1.80          | -       | 33.50      | 5.00       | 32.15      |  |
| PK   | 5.1788G      | 119.78            | Inf               | -Inf           | 113.37        | 3           | Vertical  | 216.1          | 1.80          | -       | 33.50      | 5.06       | 32.15      |  |
| AV   | 5.179G       | 108.34            | Inf               | -Inf           | 101.93        | 3           | Vertical  | 216.1          | 1.80          | -       | 33.50      | 5.06       | 32.15      |  |

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

## 5180MHz\_TnomVnom

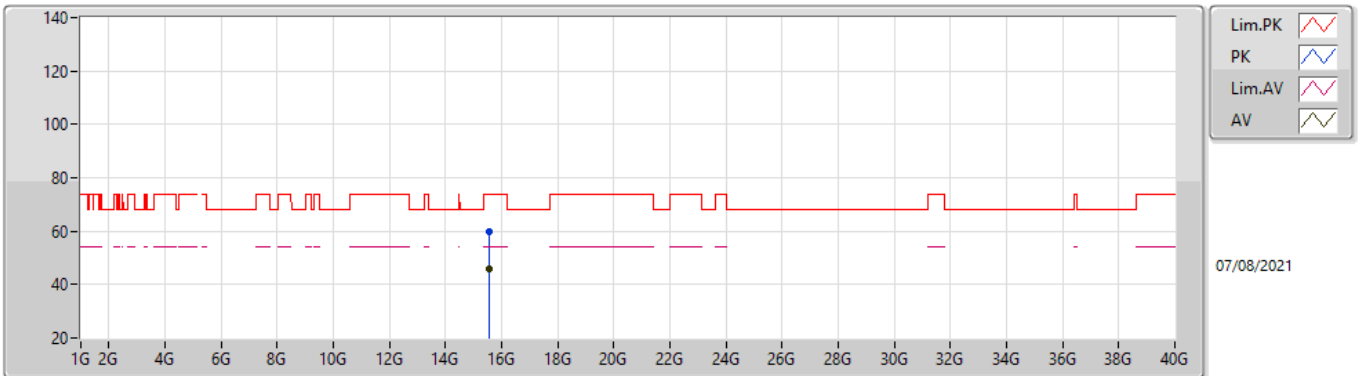


EUT\_Z\_2TX  
Setting 26  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.1494G      | 58.62             | 74.00             | -15.38         | 52.27         | 3           | Horizontal | 255            | 3.00          | -       | 33.50      | 5.00       | 32.15      |  |
| AV   | 5.1496G      | 46.48             | 54.00             | -7.52          | 40.13         | 3           | Horizontal | 255            | 3.00          | -       | 33.50      | 5.00       | 32.15      |  |
| PK   | 5.1806G      | 110.39            | Inf               | -Inf           | 103.98        | 3           | Horizontal | 255            | 3.00          | -       | 33.50      | 5.06       | 32.15      |  |
| AV   | 5.1812G      | 98.48             | Inf               | -Inf           | 92.07         | 3           | Horizontal | 255            | 3.00          | -       | 33.50      | 5.06       | 32.15      |  |

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

## 5180MHz\_TnomVnom

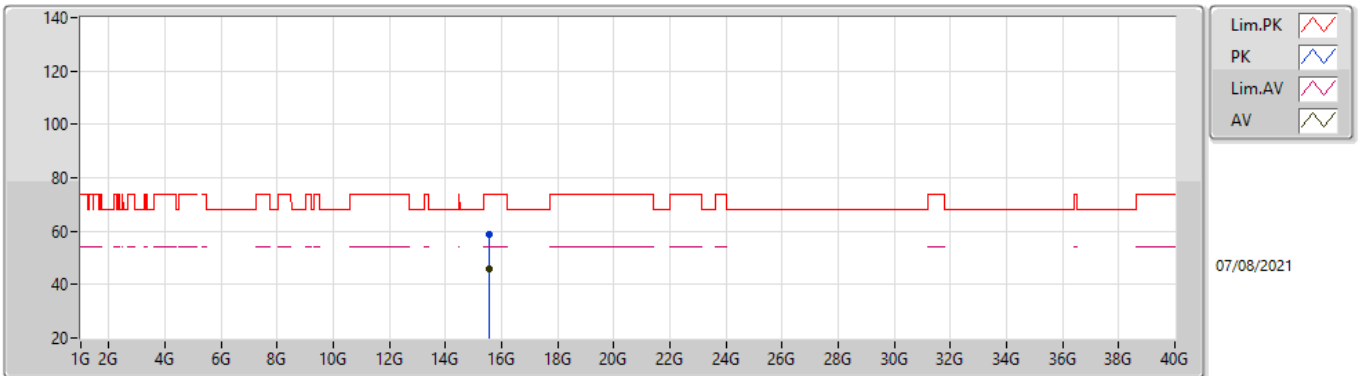


EUT\_Z\_2TX  
Setting 26  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.5379G     | 59.89             | 74.00             | -14.11         | 45.16         | 3           | Vertical  | 299            | 1.73          | -       | 38.36      | 11.77      | 35.40      |  |
| AV   | 15.54422G    | 45.79             | 54.00             | -8.21          | 31.13         | 3           | Vertical  | 299            | 1.73          | -       | 38.30      | 11.77      | 35.41      |  |

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

## 5180MHz\_TnomVnom

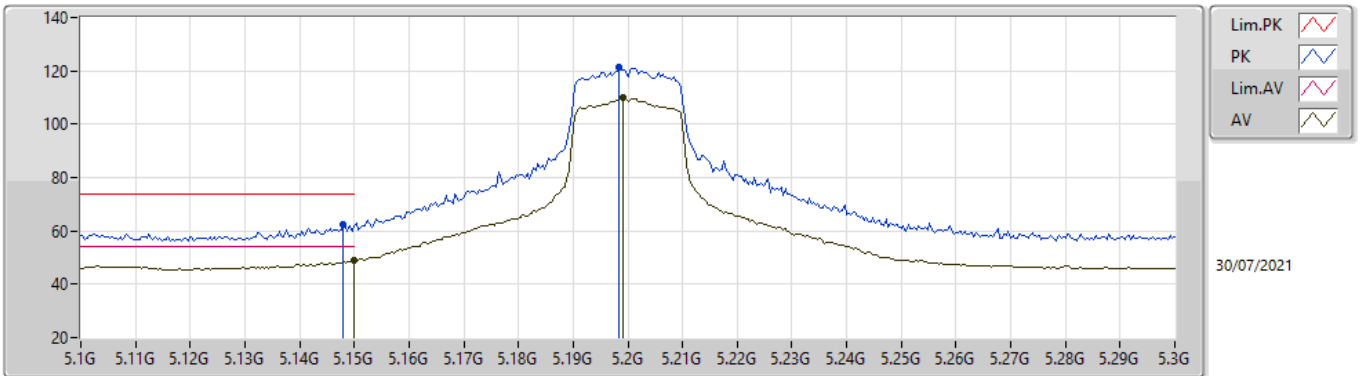


EUT\_Z\_2TX  
Setting 26  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.54018G    | 58.93             | 74.00             | -15.07         | 44.22         | 3           | Horizontal | 75             | 2.27          | -       | 38.34      | 11.77      | 35.40      |
| AV   | 15.53688G    | 45.78             | 54.00             | -8.22          | 31.04         | 3           | Horizontal | 75             | 2.27          | -       | 38.37      | 11.77      | 35.40      |

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

## 5200MHz\_TnomVnom

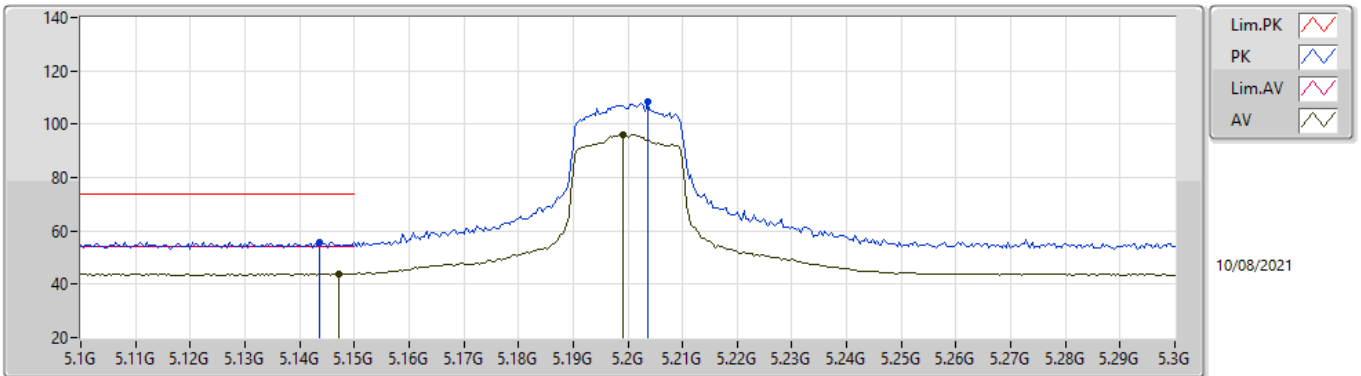


EUT\_Z\_2TX  
Setting 28  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.148G       | 62.47             | 74.00             | -11.53         | 56.12         | 3           | Vertical  | 224            | 2.04          | -       | 33.50      | 5.00       | 32.15      |  |
| AV   | 5.15G        | 49.03             | 54.00             | -4.97          | 42.68         | 3           | Vertical  | 224            | 2.04          | -       | 33.50      | 5.00       | 32.15      |  |
| PK   | 5.1984G      | 121.57            | Inf               | -Inf           | 115.12        | 3           | Vertical  | 224            | 2.04          | -       | 33.50      | 5.10       | 32.15      |  |
| AV   | 5.1992G      | 110.18            | Inf               | -Inf           | 103.73        | 3           | Vertical  | 224            | 2.04          | -       | 33.50      | 5.10       | 32.15      |  |

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

## 5200MHz\_TnomVnom

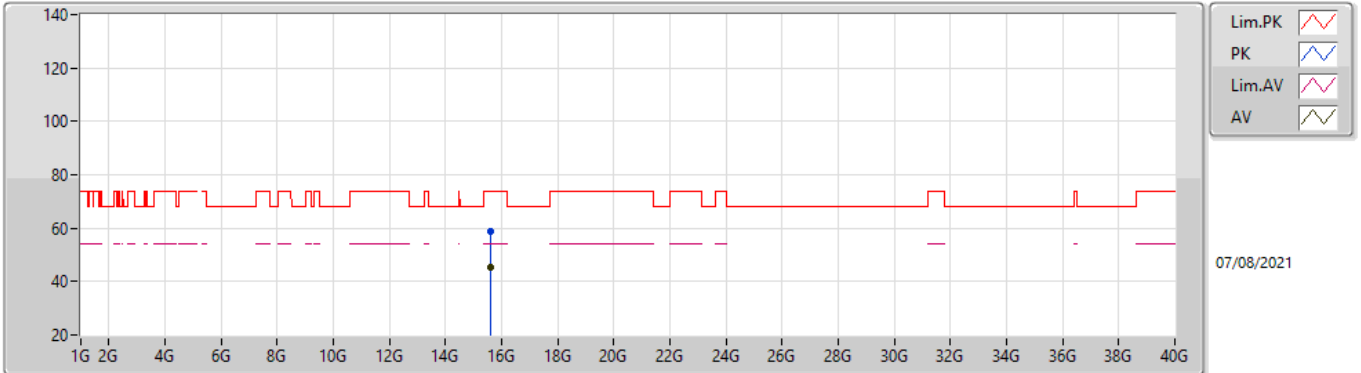


EUT\_Z\_2TX  
Setting 28  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.1436G      | 55.90             | 74.00             | -18.10         | 49.56         | 3           | Horizontal | 327            | 1.91          | -       | 33.50      | 4.99       | 32.15      |  |
| AV   | 5.1472G      | 43.89             | 54.00             | -10.11         | 37.55         | 3           | Horizontal | 327            | 1.91          | -       | 33.50      | 4.99       | 32.15      |  |
| PK   | 5.2036G      | 108.30            | Inf               | -Inf           | 101.84        | 3           | Horizontal | 327            | 1.91          | -       | 33.51      | 5.10       | 32.15      |  |
| AV   | 5.1992G      | 96.17             | Inf               | -Inf           | 89.72         | 3           | Horizontal | 327            | 1.91          | -       | 33.50      | 5.10       | 32.15      |  |

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

## 5200MHz\_TnomVnom

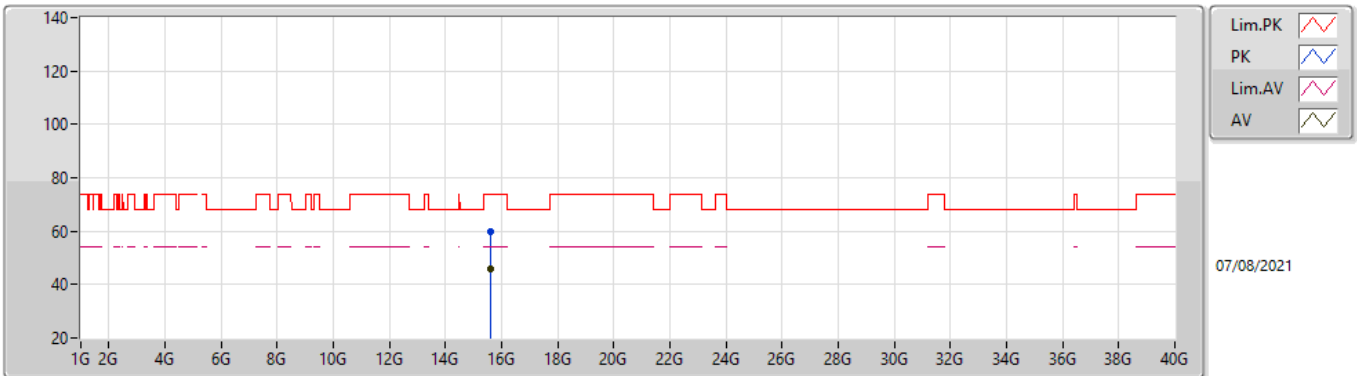


EUT\_Z\_2TX  
Setting 28  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.59722G    | 58.62             | 74.00             | -15.38         | 44.44         | 3           | Vertical  | 304            | 1.85          | -       | 37.83      | 11.80      | 35.45      |
| AV   | 15.5975G     | 45.60             | 54.00             | -8.40          | 31.43         | 3           | Vertical  | 304            | 1.85          | -       | 37.82      | 11.80      | 35.45      |

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

## 5200MHz\_TnomVnom

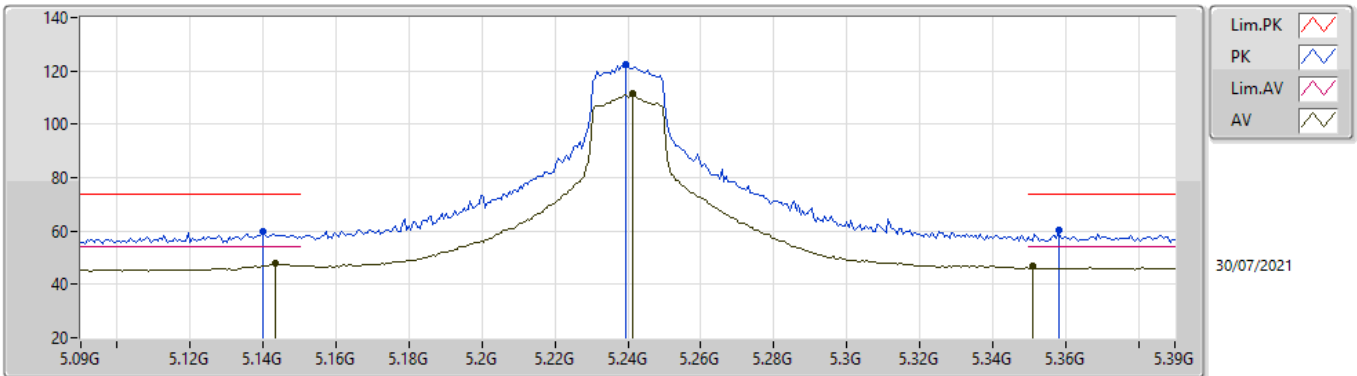


EUT\_Z\_2TX  
Setting 28  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.60276G    | 59.80             | 74.00             | -14.20         | 45.65         | 3           | Horizontal | 358            | 1.31          | -       | 37.81      | 11.80      | 35.46      |
| AV   | 15.59572G    | 45.63             | 54.00             | -8.37          | 31.44         | 3           | Horizontal | 358            | 1.31          | -       | 37.84      | 11.80      | 35.45      |

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

## 5240MHz\_TnomVnom

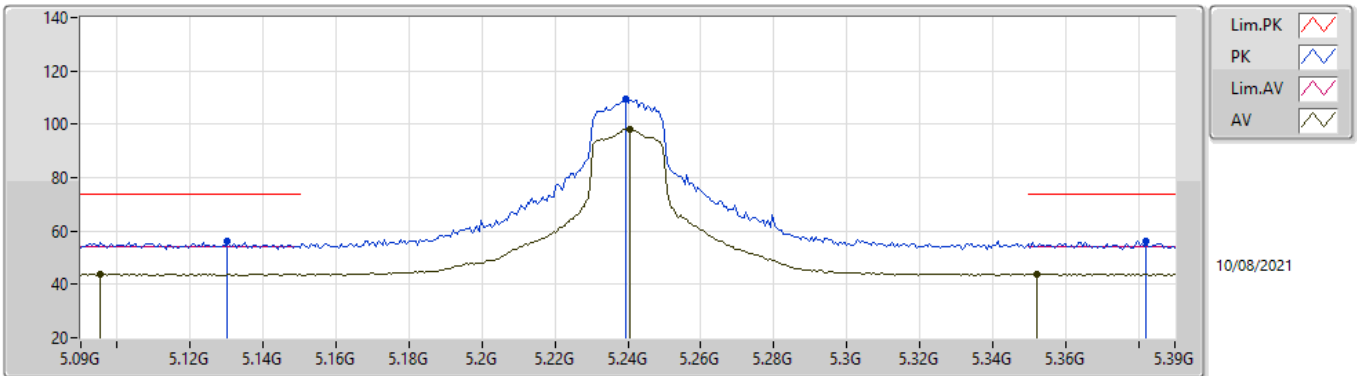


EUT\_Z\_2TX  
Setting 29  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1398G      | 59.63             | 74.00             | -14.37         | 53.30         | 3           | Vertical  | 40             | 1.80          | -       | 33.50      | 4.98       | 32.15      |
| AV   | 5.1434G      | 48.05             | 54.00             | -5.95          | 41.71         | 3           | Vertical  | 40             | 1.80          | -       | 33.50      | 4.99       | 32.15      |
| PK   | 5.2394G      | 122.66            | Inf               | -Inf           | 116.15        | 3           | Vertical  | 40             | 1.80          | -       | 33.58      | 5.08       | 32.15      |
| AV   | 5.2412G      | 111.44            | Inf               | -Inf           | 104.93        | 3           | Vertical  | 40             | 1.80          | -       | 33.58      | 5.08       | 32.15      |
| PK   | 5.3582G      | 60.11             | 74.00             | -13.89         | 53.51         | 3           | Vertical  | 40             | 1.80          | -       | 33.72      | 5.02       | 32.14      |
| AV   | 5.351G       | 46.73             | 54.00             | -7.27          | 40.15         | 3           | Vertical  | 40             | 1.80          | -       | 33.70      | 5.02       | 32.14      |

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

## 5240MHz\_TnomVnom

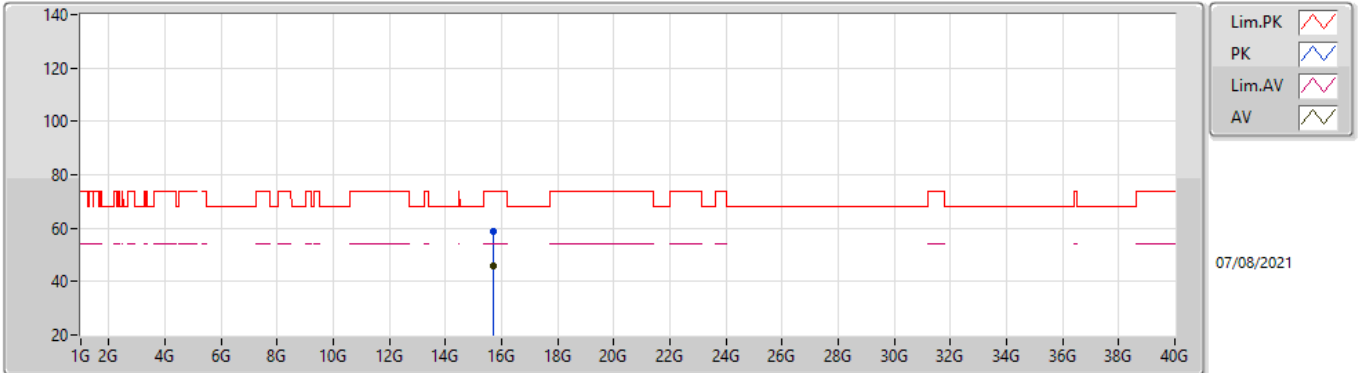


EUT\_Z\_2TX  
Setting 29  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1302G      | 56.06             | 74.00             | -17.94         | 49.75         | 3           | Horizontal | 42             | 1.98          | -       | 33.50      | 4.96       | 32.15      |
| AV   | 5.0954G      | 43.83             | 54.00             | -10.17         | 37.61         | 3           | Horizontal | 42             | 1.98          | -       | 33.48      | 4.89       | 32.15      |
| PK   | 5.2394G      | 109.55            | Inf               | -Inf           | 103.04        | 3           | Horizontal | 42             | 1.98          | -       | 33.58      | 5.08       | 32.15      |
| AV   | 5.2406G      | 98.29             | Inf               | -Inf           | 91.78         | 3           | Horizontal | 42             | 1.98          | -       | 33.58      | 5.08       | 32.15      |
| PK   | 5.3822G      | 56.39             | 74.00             | -17.61         | 49.76         | 3           | Horizontal | 42             | 1.98          | -       | 33.76      | 5.01       | 32.14      |
| AV   | 5.3522G      | 43.98             | 54.00             | -10.02         | 37.40         | 3           | Horizontal | 42             | 1.98          | -       | 33.70      | 5.02       | 32.14      |

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

## 5240MHz\_TnomVnom

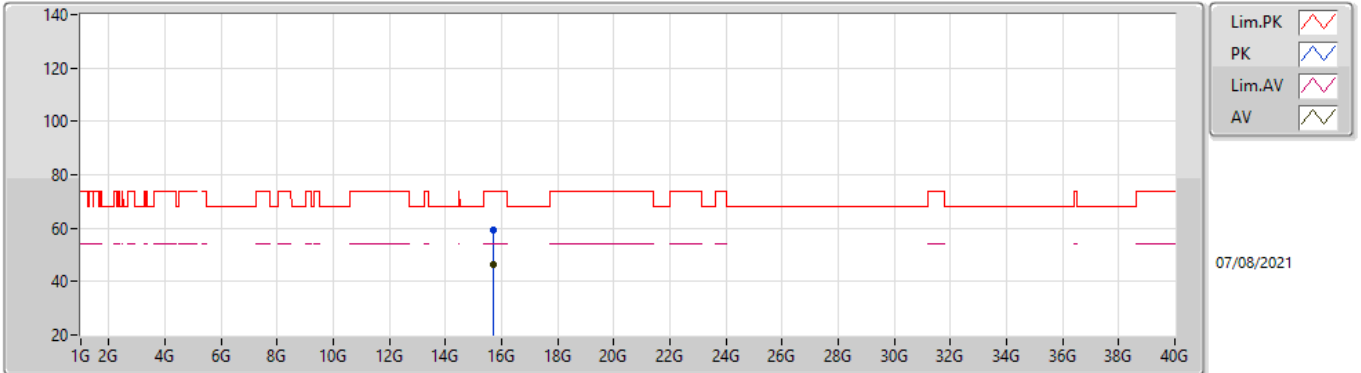


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.72014G    | 58.97             | 74.00             | -15.03         | 44.68         | 3           | Vertical  | 251            | 1.96          | -       | 37.98      | 11.86      | 35.55      |
| AV   | 15.72448G    | 45.88             | 54.00             | -8.12          | 31.60         | 3           | Vertical  | 251            | 1.96          | -       | 37.98      | 11.86      | 35.56      |

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

## 5240MHz\_TnomVnom

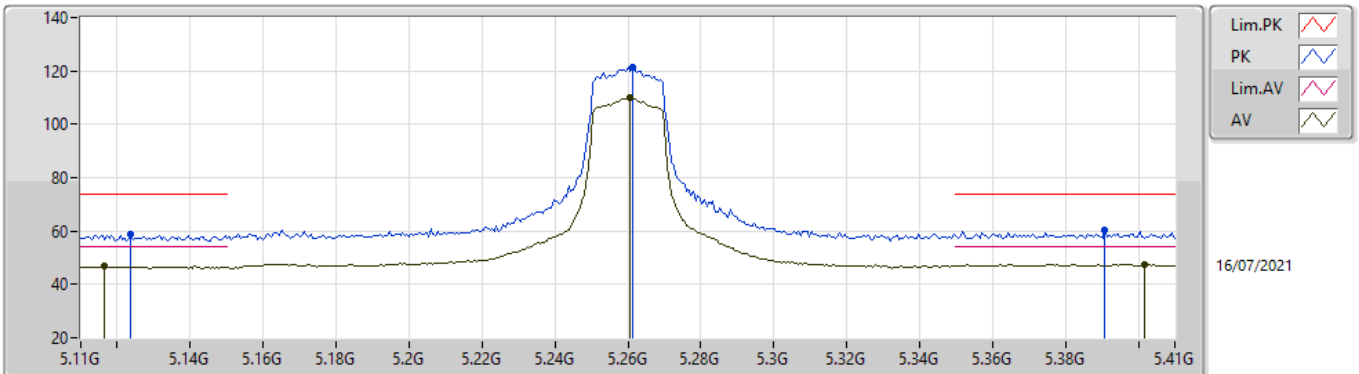


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.7179G     | 59.53             | 74.00             | -14.47         | 45.24         | 3           | Horizontal | 264            | 1.79          | -       | 37.98      | 11.86      | 35.55      |
| AV   | 15.715G      | 46.19             | 54.00             | -7.81          | 31.90         | 3           | Horizontal | 264            | 1.79          | -       | 37.98      | 11.86      | 35.55      |

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

## 5260MHz\_TnomVnom

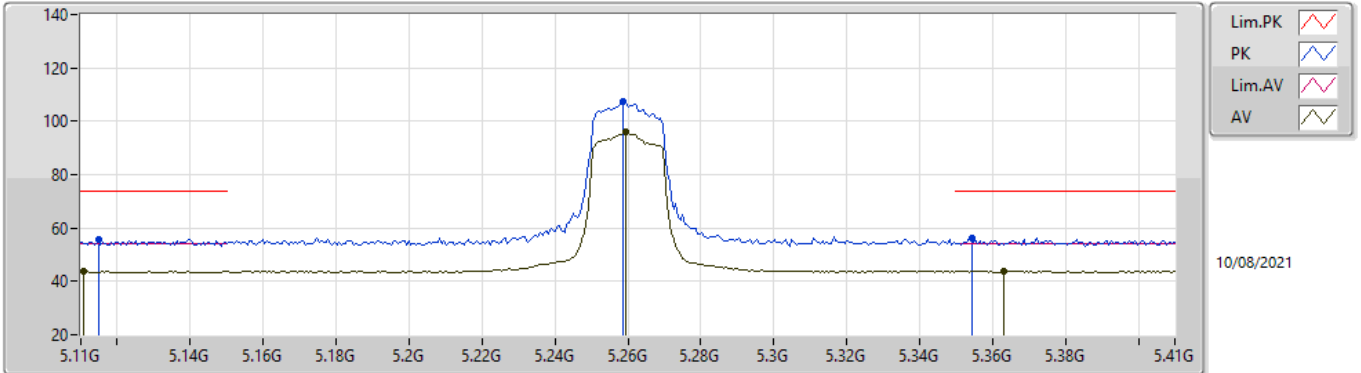


EUT\_Z\_2TX  
Setting 27  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1238G      | 58.75             | 74.00             | -15.25         | 53.49         | 3           | Vertical  | 41             | 1.63          | -       | 32.80      | 5.62       | 33.16      |
| AV   | 5.1166G      | 46.69             | 54.00             | -7.31          | 41.43         | 3           | Vertical  | 41             | 1.63          | -       | 32.80      | 5.62       | 33.16      |
| PK   | 5.2612G      | 121.62            | Inf               | -Inf           | 116.14        | 3           | Vertical  | 41             | 1.63          | -       | 32.92      | 5.73       | 33.17      |
| AV   | 5.2606G      | 110.11            | Inf               | -Inf           | 104.63        | 3           | Vertical  | 41             | 1.63          | -       | 32.92      | 5.73       | 33.17      |
| PK   | 5.3908G      | 60.13             | 74.00             | -13.87         | 54.18         | 3           | Vertical  | 41             | 1.63          | -       | 33.33      | 5.80       | 33.18      |
| AV   | 5.4016G      | 47.42             | 54.00             | -6.58          | 41.39         | 3           | Vertical  | 41             | 1.63          | -       | 33.41      | 5.80       | 33.18      |

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

## 5260MHz\_TnomVnom

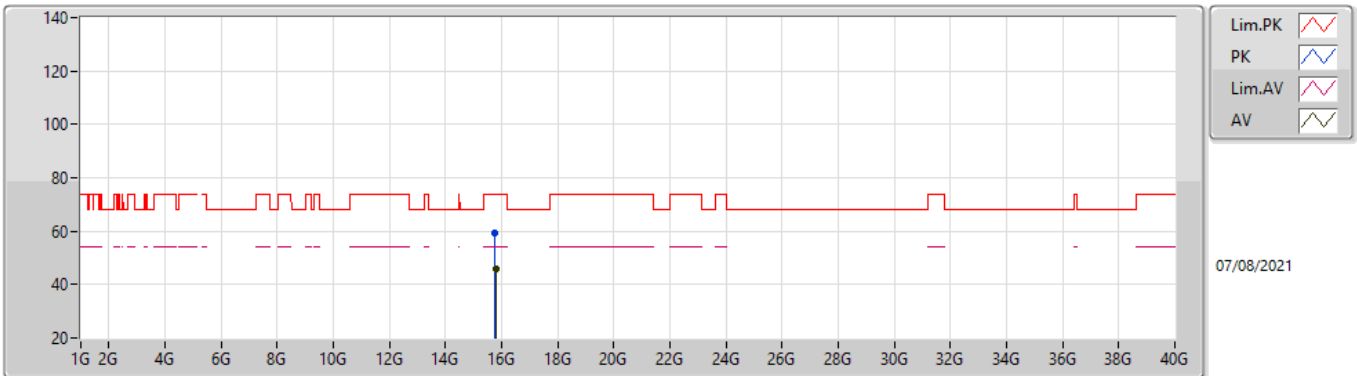


EUT\_Z\_2TX  
Setting 27  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1148G      | 55.81             | 74.00             | -18.19         | 49.53         | 3           | Horizontal | 143            | 1.80          | -       | 33.50      | 4.93       | 32.15      |
| AV   | 5.1106G      | 43.69             | 54.00             | -10.31         | 37.42         | 3           | Horizontal | 143            | 1.80          | -       | 33.50      | 4.92       | 32.15      |
| PK   | 5.2588G      | 107.47            | Inf               | -Inf           | 100.92        | 3           | Horizontal | 143            | 1.80          | -       | 33.62      | 5.07       | 32.14      |
| AV   | 5.2594G      | 95.90             | Inf               | -Inf           | 89.35         | 3           | Horizontal | 143            | 1.80          | -       | 33.62      | 5.07       | 32.14      |
| PK   | 5.3542G      | 56.34             | 74.00             | -17.66         | 49.75         | 3           | Horizontal | 143            | 1.80          | -       | 33.71      | 5.02       | 32.14      |
| AV   | 5.3632G      | 43.83             | 54.00             | -10.17         | 37.22         | 3           | Horizontal | 143            | 1.80          | -       | 33.73      | 5.02       | 32.14      |

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

## 5260MHz\_TnomVnom

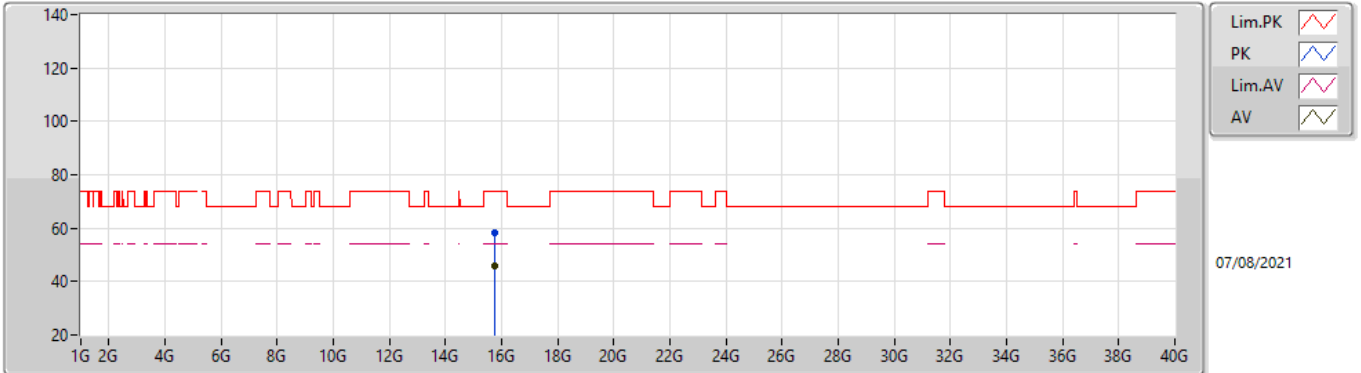


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.77722G    | 59.16             | 74.00             | -14.84         | 44.95         | 3           | Vertical  | 178            | 2.21          | -       | 37.92      | 11.89      | 35.60      |  |
| AV   | 15.78114G    | 45.81             | 54.00             | -8.19          | 31.61         | 3           | Vertical  | 178            | 2.21          | -       | 37.92      | 11.89      | 35.61      |  |

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

## 5260MHz\_TnomVnom

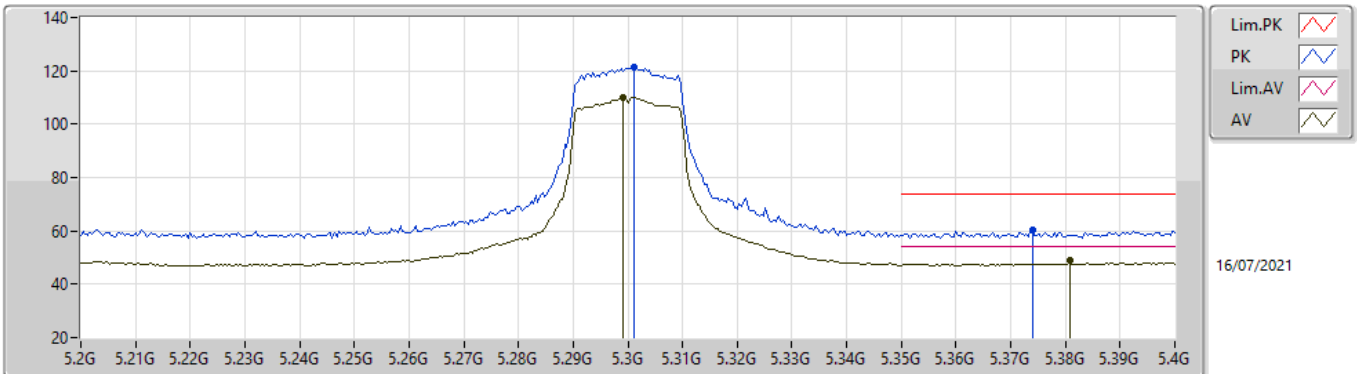


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.77644G    | 58.50             | 74.00             | -15.50         | 44.29         | 3           | Horizontal | 320            | 1.85          | -       | 37.92      | 11.89      | 35.60      |
| AV   | 15.77694G    | 45.94             | 54.00             | -8.06          | 31.73         | 3           | Horizontal | 320            | 1.85          | -       | 37.92      | 11.89      | 35.60      |

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

## 5300MHz\_TnomVnom

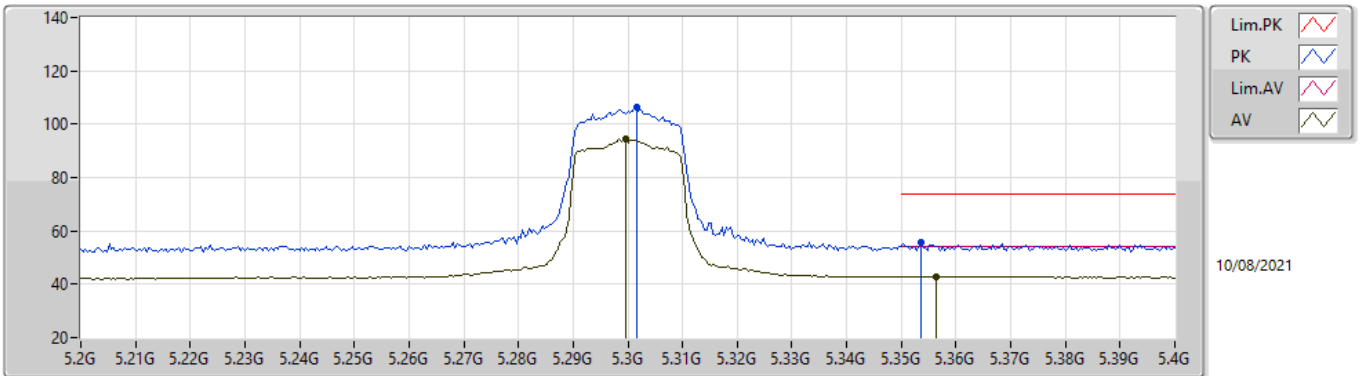


EUT\_Z\_2TX  
Setting 27  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.3012G      | 121.57            | Inf               | -Inf           | 115.99        | 3           | Vertical  | 44             | 1.60          | -       | 33.00      | 5.75       | 33.17      |  |
| AV   | 5.2992G      | 110.06            | Inf               | -Inf           | 104.48        | 3           | Vertical  | 44             | 1.60          | -       | 33.00      | 5.75       | 33.17      |  |
| PK   | 5.374G       | 60.28             | 74.00             | -13.72         | 54.47         | 3           | Vertical  | 44             | 1.60          | -       | 33.19      | 5.79       | 33.17      |  |
| AV   | 5.3808G      | 49.19             | 54.00             | -4.81          | 43.33         | 3           | Vertical  | 44             | 1.60          | -       | 33.25      | 5.79       | 33.18      |  |

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

## 5300MHz\_TnomVnom

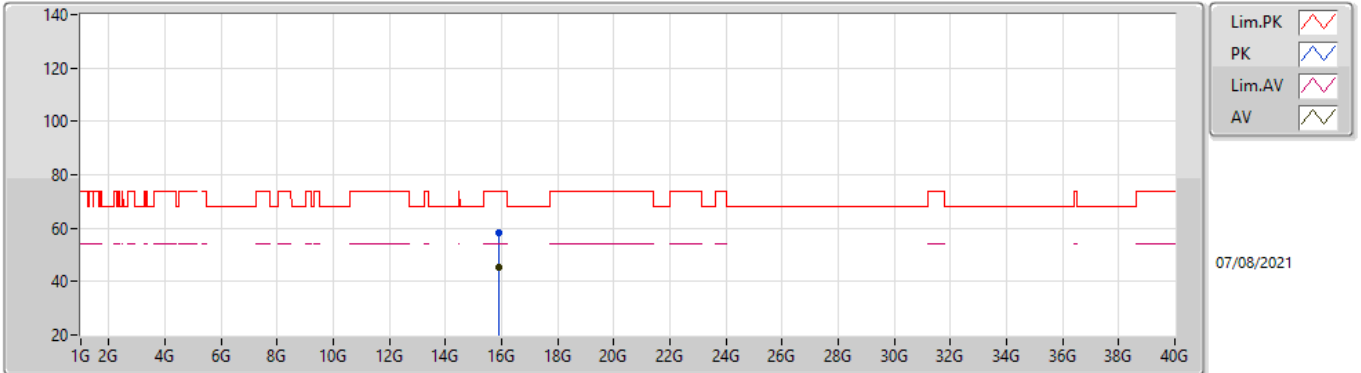


EUT\_Z\_2TX  
Setting 27  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.3016G      | 106.25            | Inf               | -Inf           | 100.73        | 3           | Horizontal | 352            | 1.65          | -       | 34.41      | 6.45       | 35.34      |
| AV   | 5.2996G      | 94.26             | Inf               | -Inf           | 88.75         | 3           | Horizontal | 352            | 1.65          | -       | 34.40      | 6.45       | 35.34      |
| PK   | 5.3536G      | 55.72             | 74.00             | -18.28         | 49.99         | 3           | Horizontal | 352            | 1.65          | -       | 34.59      | 6.48       | 35.34      |
| AV   | 5.3564G      | 42.99             | 54.00             | -11.01         | 37.26         | 3           | Horizontal | 352            | 1.65          | -       | 34.59      | 6.48       | 35.34      |

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

## 5300MHz\_TnomVnom

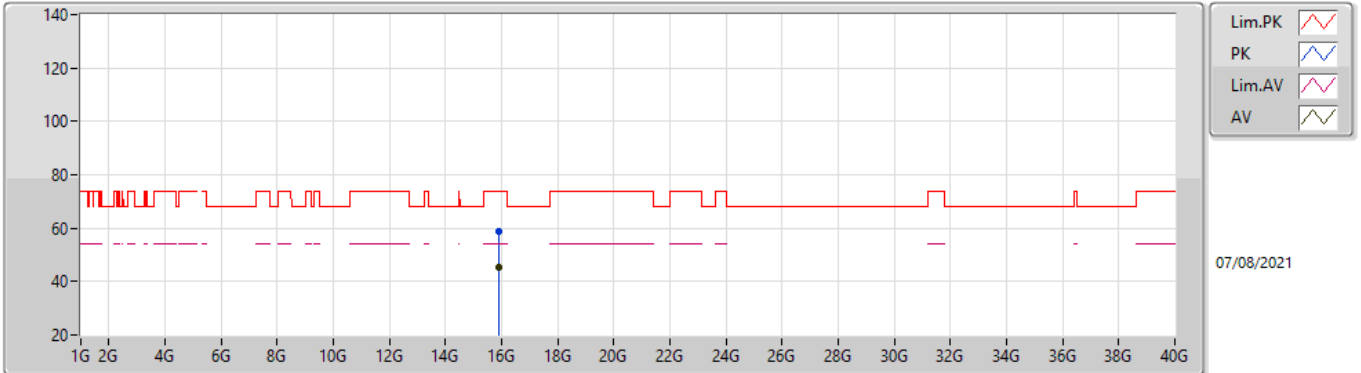


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.89906G    | 58.29             | 74.00             | -15.71         | 44.65         | 3           | Vertical  | 144            | 2.75          | -       | 37.40      | 11.95      | 35.71      |  |
| AV   | 15.89722G    | 45.46             | 54.00             | -8.54          | 31.80         | 3           | Vertical  | 144            | 2.75          | -       | 37.41      | 11.95      | 35.70      |  |

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

## 5300MHz\_TnomVnom

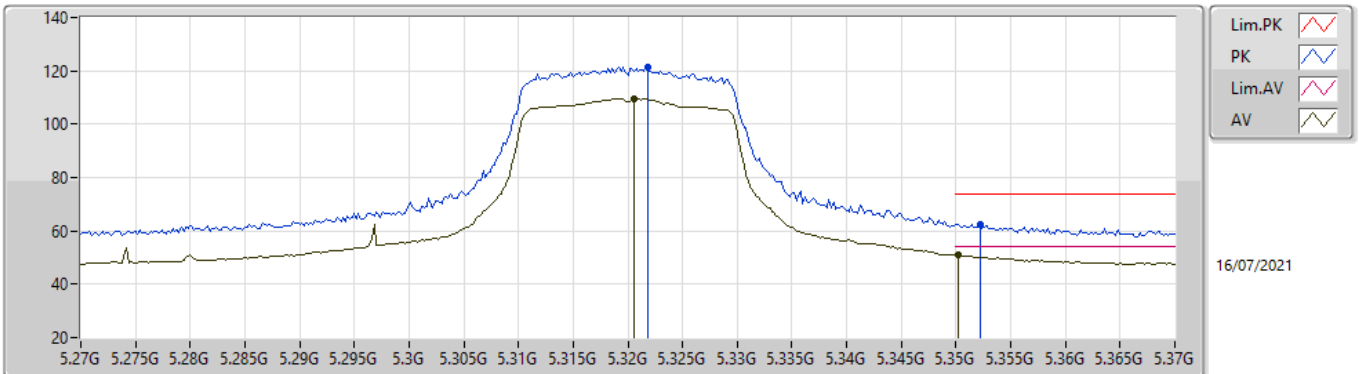


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.90174G    | 58.83             | 74.00             | -15.17         | 45.19         | 3           | Horizontal | 327            | 1.27          | -       | 37.40      | 11.95      | 35.71      |
| AV   | 15.90108G    | 45.40             | 54.00             | -8.60          | 31.76         | 3           | Horizontal | 327            | 1.27          | -       | 37.40      | 11.95      | 35.71      |

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

## 5320MHz\_TnomVnom

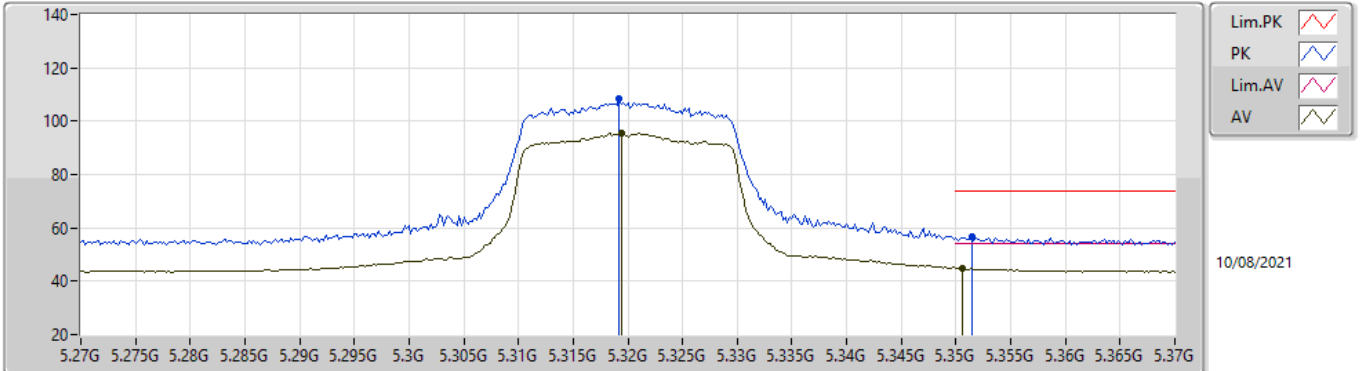


EUT\_Z\_2TX  
Setting 27  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.3218G      | 121.45            | Inf               | -Inf           | 115.86        | 3           | Vertical  | 42             | 1.72          | -       | 33.00      | 5.76       | 33.17      |
| AV   | 5.3206G      | 109.60            | Inf               | -Inf           | 104.01        | 3           | Vertical  | 42             | 1.72          | -       | 33.00      | 5.76       | 33.17      |
| PK   | 5.3522G      | 62.57             | 74.00             | -11.43         | 56.94         | 3           | Vertical  | 42             | 1.72          | -       | 33.02      | 5.78       | 33.17      |
| AV   | 5.3502G      | 50.93             | 54.00             | -3.07          | 45.32         | 3           | Vertical  | 42             | 1.72          | -       | 33.00      | 5.78       | 33.17      |

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

## 5320MHz\_TnomVnom

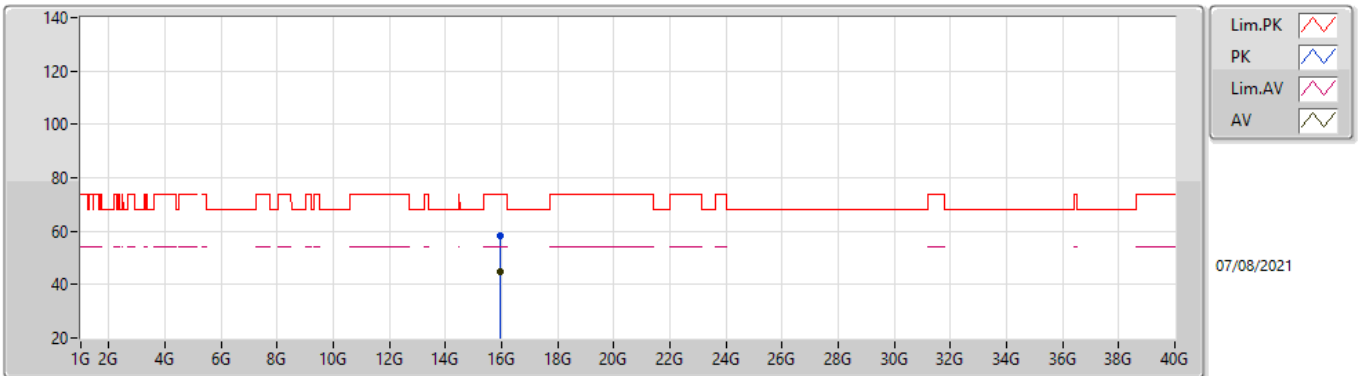


EUT\_Z\_2TX  
Setting 27  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.3192G      | 108.59            | Inf               | -Inf           | 101.99        | 3           | Horizontal | 142            | 1.80          | -       | 33.70      | 5.04       | 32.14      |  |
| AV   | 5.3194G      | 95.58             | Inf               | -Inf           | 88.98         | 3           | Horizontal | 142            | 1.80          | -       | 33.70      | 5.04       | 32.14      |  |
| PK   | 5.3514G      | 56.56             | 74.00             | -17.44         | 49.98         | 3           | Horizontal | 142            | 1.80          | -       | 33.70      | 5.02       | 32.14      |  |
| AV   | 5.3506G      | 44.90             | 54.00             | -9.10          | 38.32         | 3           | Horizontal | 142            | 1.80          | -       | 33.70      | 5.02       | 32.14      |  |

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

## 5320MHz\_TnomVnom

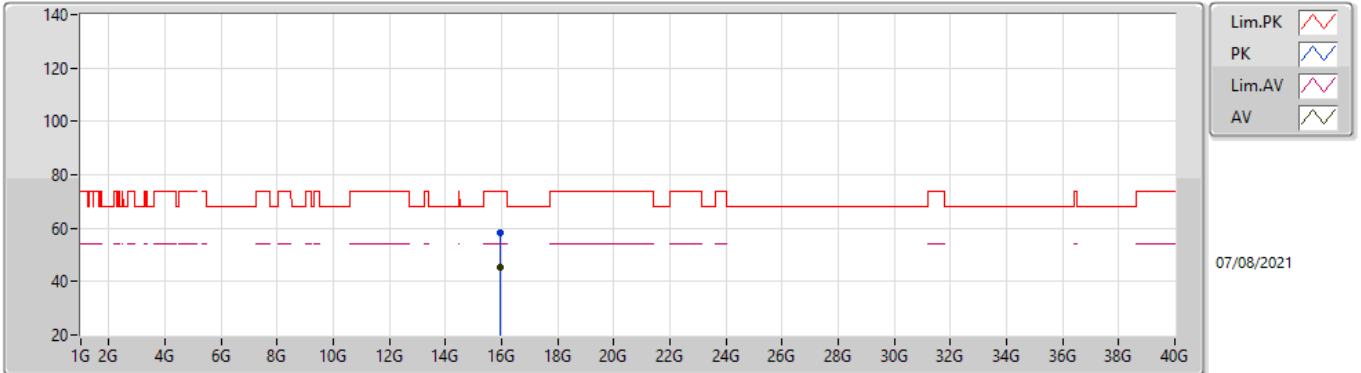


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.96238G    | 58.38             | 74.00             | -15.62         | 44.70         | 3           | Vertical  | 320            | 3.00          | -       | 37.46      | 11.98      | 35.76      |
| AV   | 15.95762G    | 45.06             | 54.00             | -8.94          | 31.37         | 3           | Vertical  | 320            | 3.00          | -       | 37.46      | 11.98      | 35.75      |

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

## 5320MHz\_TnomVnom

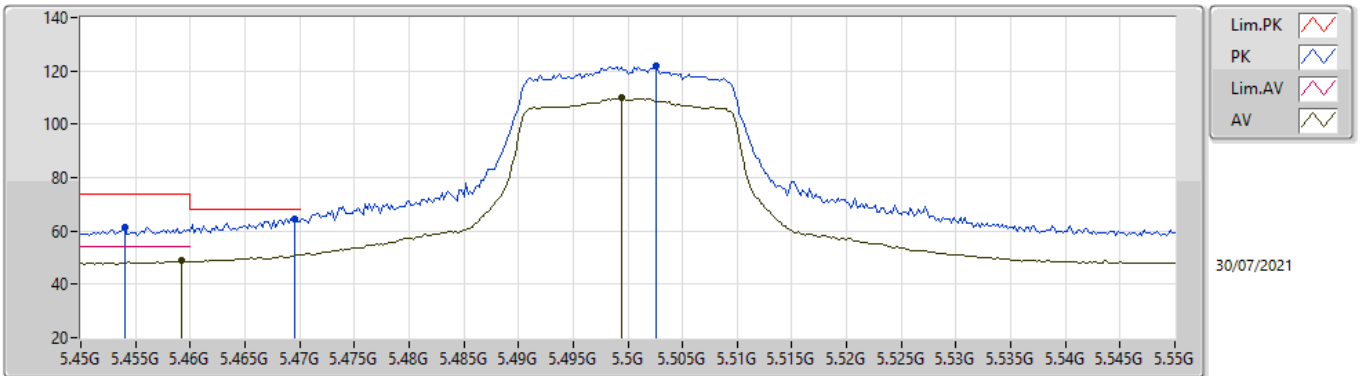


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL    | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|-------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB)  | (dB)  |
| PK   | 15.96354G | 58.32    | 74.00    | -15.68 | 44.64  | 3    | Horizontal | 151     | 1.37   | -       | 37.46 | 11.98 | 35.76 |
| AV   | 15.9585G  | 45.15    | 54.00    | -8.85  | 31.47  | 3    | Horizontal | 151     | 1.37   | -       | 37.46 | 11.98 | 35.76 |

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

## 5500MHz\_TnomVnom

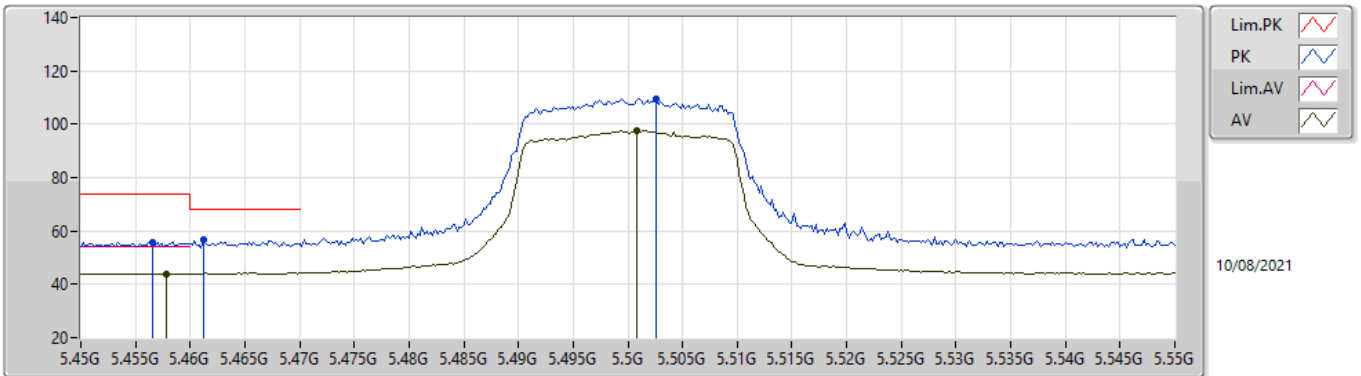


EUT\_Z\_2TX  
Setting 26  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.454G       | 61.62             | 74.00             | -12.38         | 55.35         | 3           | Vertical  | 230            | 1.67          | -       | 33.62      | 5.83       | 33.18      |  |
| AV   | 5.4592G      | 48.75             | 54.00             | -5.25          | 42.46         | 3           | Vertical  | 230            | 1.67          | -       | 33.64      | 5.83       | 33.18      |  |
| PK   | 5.4696G      | 64.68             | 68.20             | -3.52          | 58.35         | 3           | Vertical  | 230            | 1.67          | -       | 33.68      | 5.83       | 33.18      |  |
| PK   | 5.5026G      | 121.68            | Inf               | -Inf           | 115.21        | 3           | Vertical  | 230            | 1.67          | -       | 33.80      | 5.85       | 33.18      |  |
| AV   | 5.4994G      | 109.99            | Inf               | -Inf           | 103.52        | 3           | Vertical  | 230            | 1.67          | -       | 33.80      | 5.85       | 33.18      |  |

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

## 5500MHz\_TnomVnom

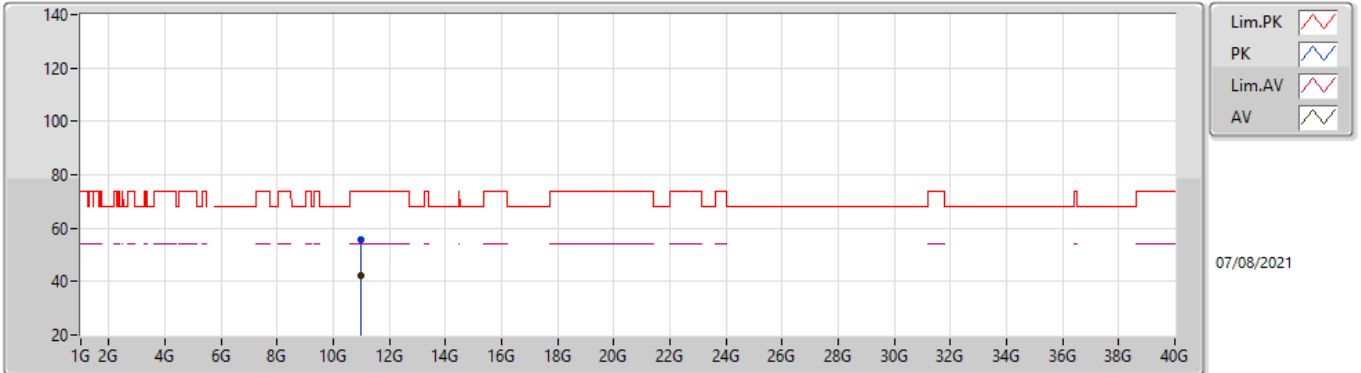


EUT\_Z\_2TX  
Setting 26  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.4566G      | 55.88             | 74.00             | -18.12         | 49.05         | 3           | Horizontal | 250            | 2.84          | -       | 33.90      | 5.06       | 32.13      |  |
| AV   | 5.4578G      | 44.03             | 54.00             | -9.97          | 37.20         | 3           | Horizontal | 250            | 2.84          | -       | 33.90      | 5.06       | 32.13      |  |
| PK   | 5.4612G      | 56.87             | 68.20             | -11.33         | 50.04         | 3           | Horizontal | 250            | 2.84          | -       | 33.90      | 5.06       | 32.13      |  |
| PK   | 5.5026G      | 109.49            | Inf               | -Inf           | 102.62        | 3           | Horizontal | 250            | 2.84          | -       | 33.90      | 5.10       | 32.13      |  |
| AV   | 5.5008G      | 97.64             | Inf               | -Inf           | 90.77         | 3           | Horizontal | 250            | 2.84          | -       | 33.90      | 5.10       | 32.13      |  |

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

## 5500MHz\_TnomVnom

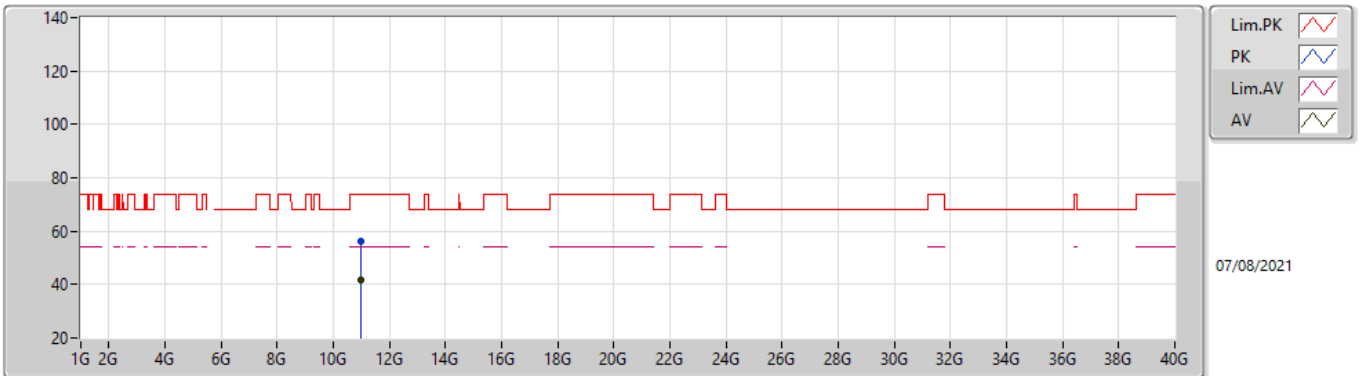


EUT\_Z\_2TX  
Setting 26  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.00014G    | 55.67             | 74.00             | -18.33         | 42.31         | 3           | Vertical  | 275            | 2.15          | -       | 38.60      | 9.80       | 35.04      |  |
| AV   | 10.99608G    | 42.04             | 54.00             | -11.96         | 28.68         | 3           | Vertical  | 275            | 2.15          | -       | 38.60      | 9.80       | 35.04      |  |

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

## 5500MHz\_TnomVnom

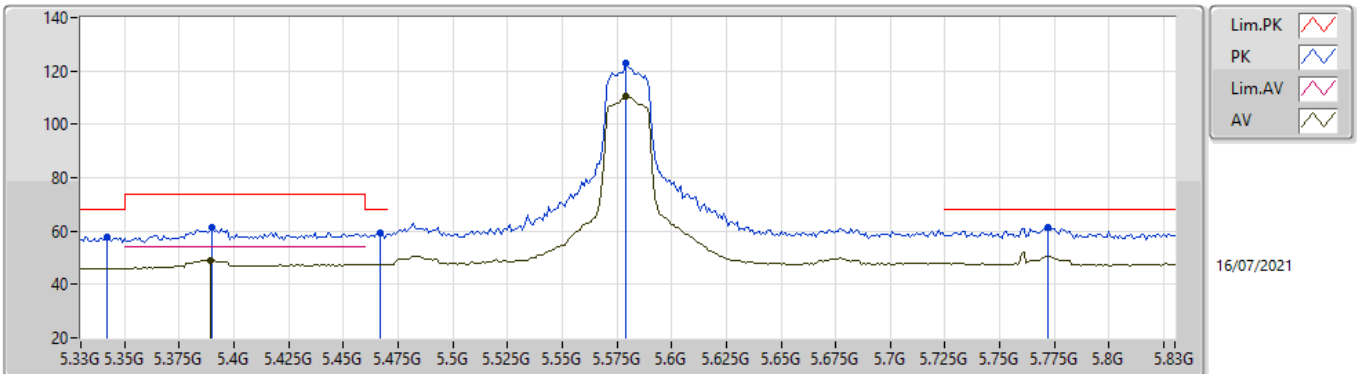


EUT\_Z\_2TX  
Setting 26  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.00376G    | 56.01             | 74.00             | -17.99         | 42.65         | 3           | Horizontal | 288            | 2.34          | -       | 38.60      | 9.80       | 35.04      |  |
| AV   | 10.9987G     | 41.94             | 54.00             | -12.06         | 28.58         | 3           | Horizontal | 288            | 2.34          | -       | 38.60      | 9.80       | 35.04      |  |

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

## 5580MHz\_TnomVnom

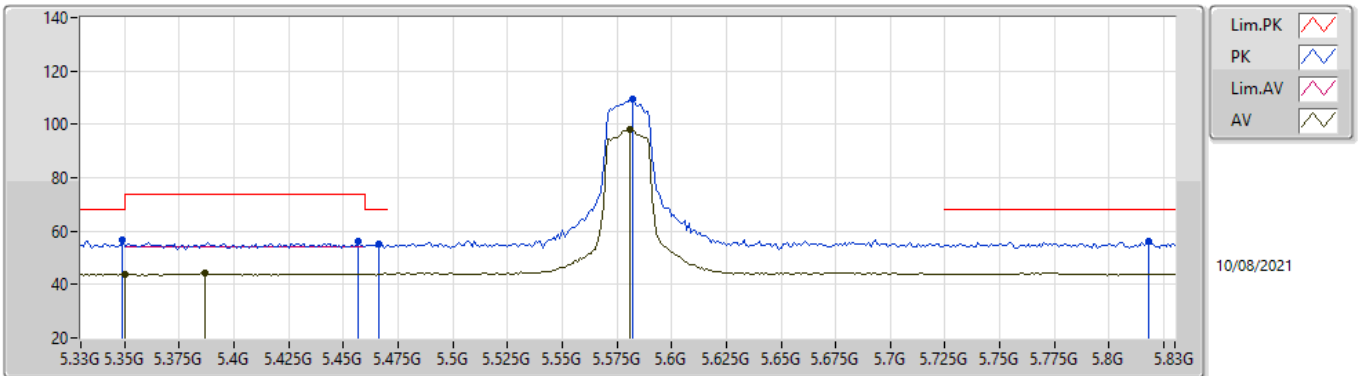


EUT\_Z\_2TX  
Setting 27  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.342G       | 57.67             | 68.20             | -10.53         | 52.07         | 3           | Vertical  | 29             | 1.54          | -       | 33.00      | 5.77       | 33.17      |
| PK   | 5.39G        | 61.36             | 74.00             | -12.64         | 55.43         | 3           | Vertical  | 29             | 1.54          | -       | 33.32      | 5.79       | 33.18      |
| AV   | 5.389G       | 49.18             | 54.00             | -4.82          | 43.26         | 3           | Vertical  | 29             | 1.54          | -       | 33.31      | 5.79       | 33.18      |
| PK   | 5.467G       | 59.26             | 68.20             | -8.94          | 52.94         | 3           | Vertical  | 29             | 1.54          | -       | 33.67      | 5.83       | 33.18      |
| PK   | 5.579G       | 122.70            | Inf               | -Inf           | 116.16        | 3           | Vertical  | 29             | 1.54          | -       | 33.86      | 5.89       | 33.21      |
| AV   | 5.579G       | 110.35            | Inf               | -Inf           | 103.81        | 3           | Vertical  | 29             | 1.54          | -       | 33.86      | 5.89       | 33.21      |
| PK   | 5.772G       | 61.47             | 68.20             | -6.73          | 54.57         | 3           | Vertical  | 29             | 1.54          | -       | 34.20      | 5.99       | 33.29      |

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

## 5580MHz\_TnomVnom

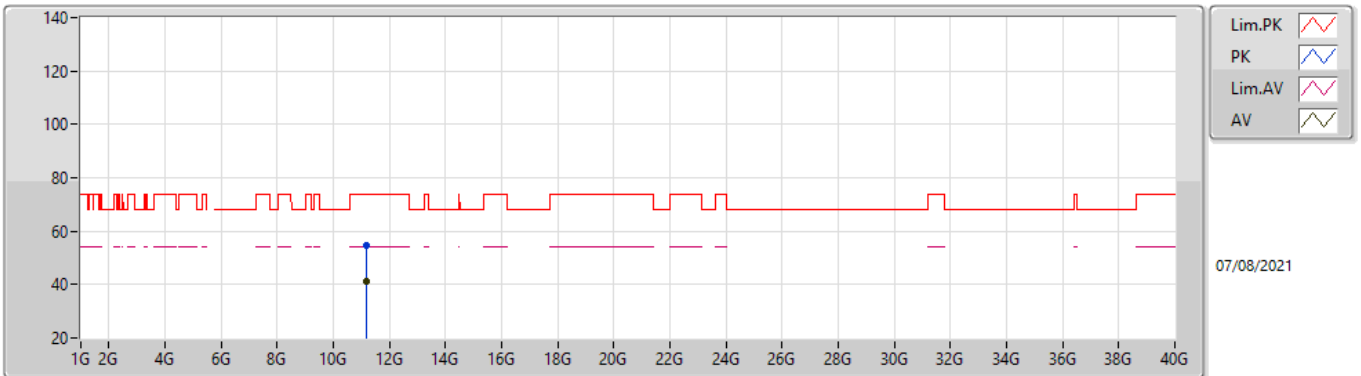


EUT\_Z\_2TX  
Setting 27  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.349G       | 56.78             | 68.20             | -11.42         | 50.19         | 3           | Horizontal | 238            | 2.32          | -       | 33.70      | 5.03       | 32.14      |
| AV   | 5.35G        | 43.69             | 54.00             | -10.31         | 37.10         | 3           | Horizontal | 238            | 2.32          | -       | 33.70      | 5.03       | 32.14      |
| AV   | 5.387G       | 44.22             | 54.00             | -9.78          | 37.58         | 3           | Horizontal | 238            | 2.32          | -       | 33.77      | 5.01       | 32.14      |
| PK   | 5.457G       | 56.39             | 74.00             | -17.61         | 49.56         | 3           | Horizontal | 238            | 2.32          | -       | 33.90      | 5.06       | 32.13      |
| PK   | 5.466G       | 55.34             | 68.20             | -12.86         | 48.50         | 3           | Horizontal | 238            | 2.32          | -       | 33.90      | 5.07       | 32.13      |
| PK   | 5.582G       | 109.61            | Inf               | -Inf           | 102.66        | 3           | Horizontal | 238            | 2.32          | -       | 33.90      | 5.18       | 32.13      |
| AV   | 5.581G       | 98.00             | Inf               | -Inf           | 91.05         | 3           | Horizontal | 238            | 2.32          | -       | 33.90      | 5.18       | 32.13      |
| PK   | 5.818G       | 56.05             | 68.20             | -12.15         | 49.41         | 3           | Horizontal | 238            | 2.32          | -       | 33.74      | 5.05       | 32.15      |

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

## 5580MHz\_TnomVnom

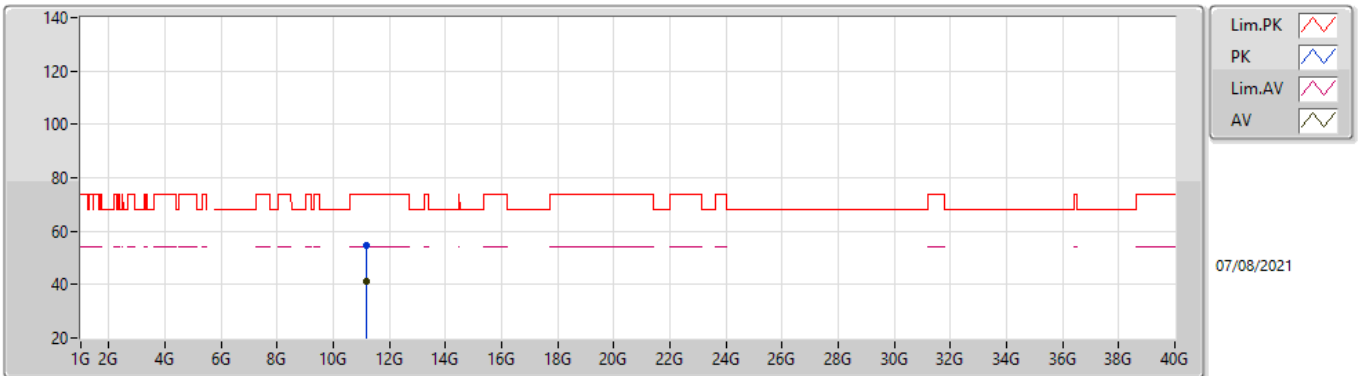


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.1611G     | 54.42             | 74.00             | -19.58         | 41.05         | 3           | Vertical  | 141            | 1.54          | -       | 38.76      | 9.83       | 35.22      |
| AV   | 11.1635G     | 41.15             | 54.00             | -12.85         | 27.78         | 3           | Vertical  | 141            | 1.54          | -       | 38.76      | 9.83       | 35.22      |

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

## 5580MHz\_TnomVnom

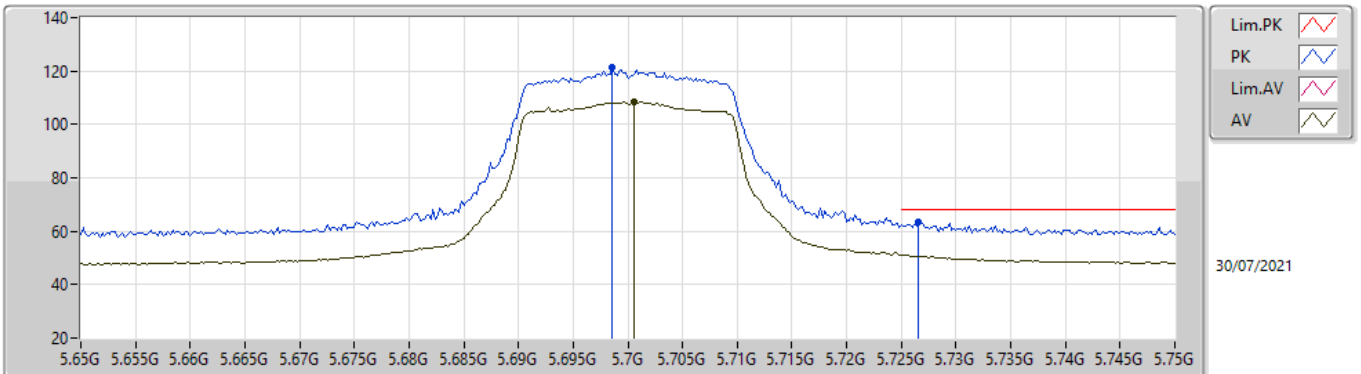


EUT\_Z\_2TX  
Setting 27  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.15764G    | 54.56             | 74.00             | -19.44         | 41.19         | 3           | Horizontal | 24             | 1.21          | -       | 38.76      | 9.83       | 35.22      |
| AV   | 11.16232G    | 41.33             | 54.00             | -12.67         | 27.96         | 3           | Horizontal | 24             | 1.21          | -       | 38.76      | 9.83       | 35.22      |

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

## 5700MHz\_TnomVnom

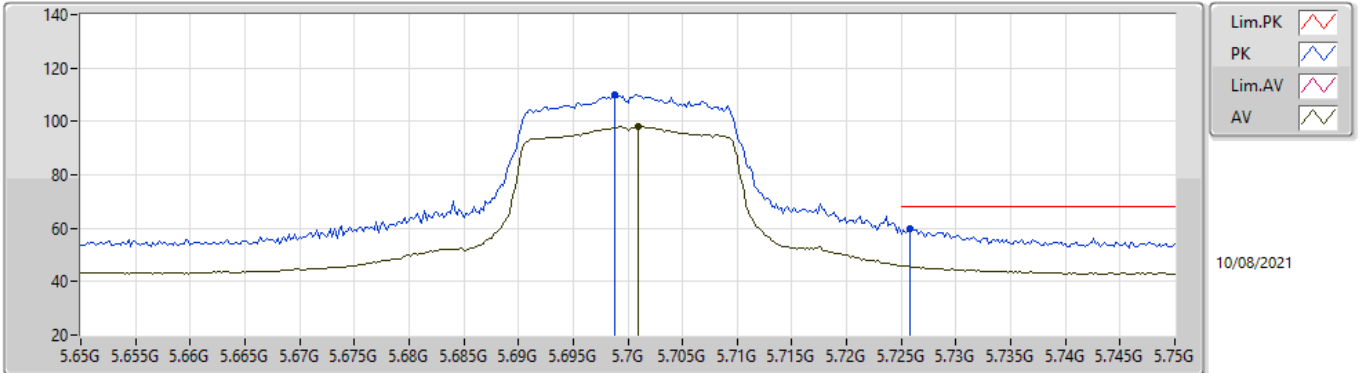


EUT\_Z\_2TX  
Setting 25  
04-C-K-4-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.6986G      | 121.16            | Inf               | -Inf           | 114.47        | 3           | Vertical  | 225            | 1.59          | -       | 34.00      | 5.95       | 33.26      |  |
| AV   | 5.7006G      | 108.30            | Inf               | -Inf           | 101.61        | 3           | Vertical  | 225            | 1.59          | -       | 34.00      | 5.95       | 33.26      |  |
| PK   | 5.7266G      | 63.62             | 68.20             | -4.58          | 56.82         | 3           | Vertical  | 225            | 1.59          | -       | 34.11      | 5.96       | 33.27      |  |

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

## 5700MHz\_TnomVnom

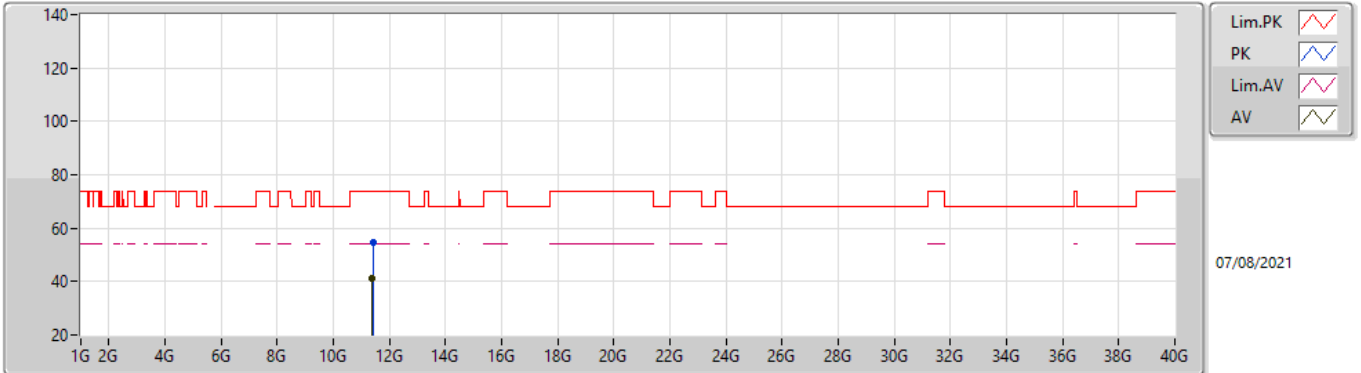


EUT\_Z\_2TX  
Setting 25  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.6988G      | 109.92            | Inf               | -Inf           | 104.12        | 3           | Horizontal | 13             | 2.82          | -       | 34.40      | 6.85       | 35.45      |  |
| AV   | 5.701G       | 98.15             | Inf               | -Inf           | 92.35         | 3           | Horizontal | 13             | 2.82          | -       | 34.40      | 6.85       | 35.45      |  |
| PK   | 5.7258G      | 59.70             | 68.20             | -8.50          | 53.90         | 3           | Horizontal | 13             | 2.82          | -       | 34.40      | 6.86       | 35.46      |  |

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

## 5700MHz\_TnomVnom

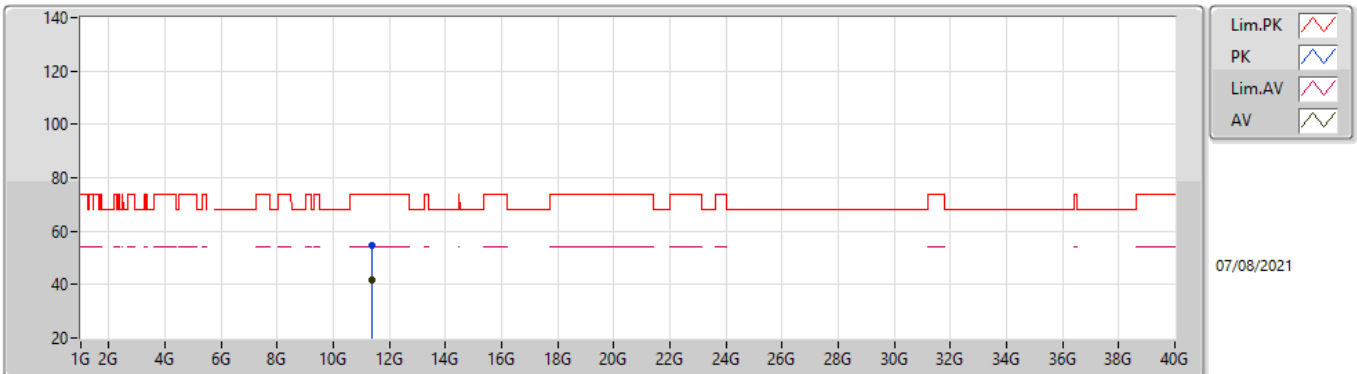


EUT\_Z\_2TX  
Setting 25  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.40182G    | 54.85             | 74.00             | -19.15         | 41.46         | 3           | Vertical  | 261            | 2.70          | -       | 39.00      | 9.88       | 35.49      |
| AV   | 11.39678G    | 41.36             | 54.00             | -12.64         | 27.97         | 3           | Vertical  | 261            | 2.70          | -       | 38.99      | 9.88       | 35.48      |

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

### 5700MHz\_TnomVnom

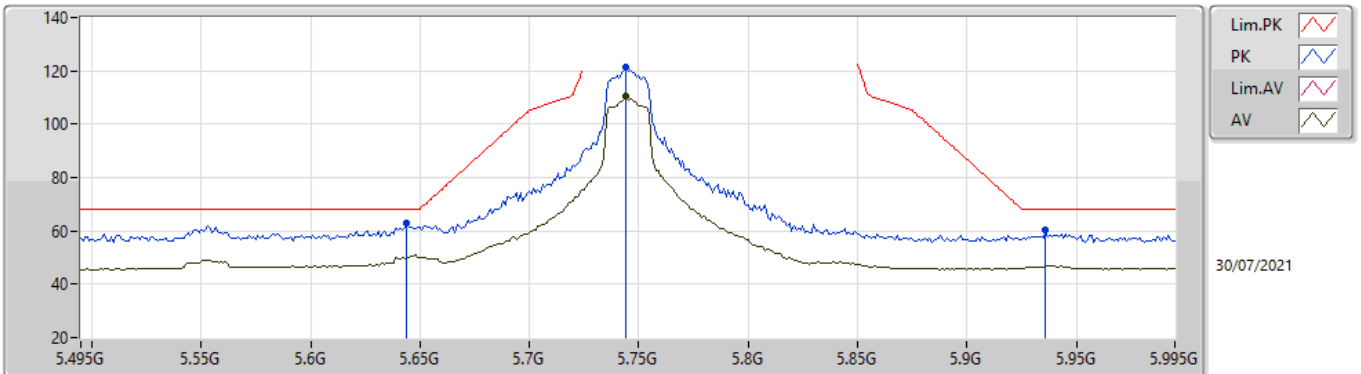


EUT Z\_2TX  
Setting 25  
03-D-K-5

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |  |
| PK   | 11.397G   | 54.61    | 74.00    | -19.39 | 41.22  | 3    | Horizontal | 30      | 1.16   | -       | 38.99 | 9.88 | 35.48 |  |
| AV   | 11.39802G | 41.51    | 54.00    | -12.49 | 28.12  | 3    | Horizontal | 30      | 1.16   | -       | 39.00 | 9.88 | 35.49 |  |

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

## 5745MHz\_TnomVnom

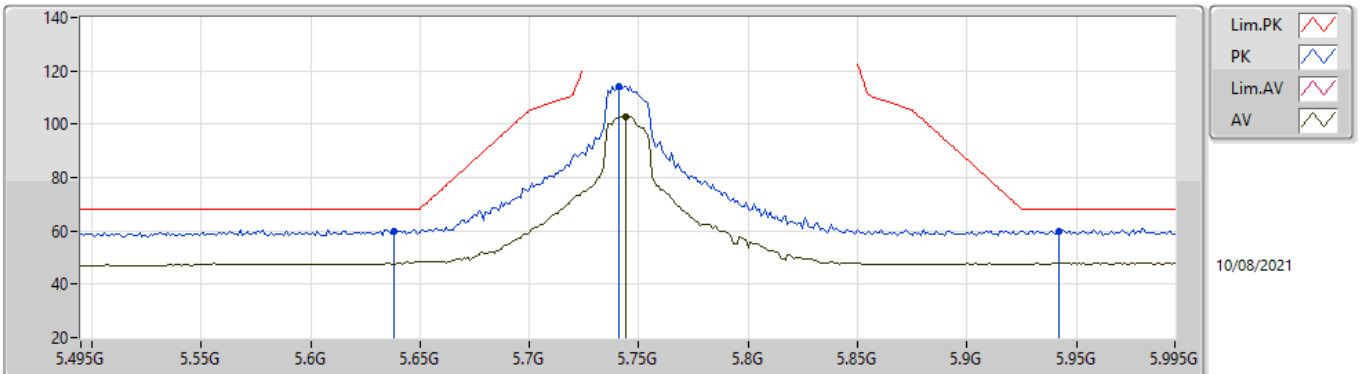


EUT\_Z\_2TX  
Setting 29  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.644G       | 62.94             | 68.20             | -5.26          | 56.11         | 3           | Vertical  | 228.1          | 1.80          | -       | 33.81      | 5.16       | 32.14      |  |
| PK   | 5.744G       | 121.27            | Inf               | -Inf           | 114.56        | 3           | Vertical  | 228.1          | 1.80          | -       | 33.79      | 5.06       | 32.14      |  |
| AV   | 5.744G       | 110.35            | Inf               | -Inf           | 103.64        | 3           | Vertical  | 228.1          | 1.80          | -       | 33.79      | 5.06       | 32.14      |  |
| PK   | 5.936G       | 60.22             | 68.20             | -7.98          | 52.90         | 3           | Vertical  | 228.1          | 1.80          | -       | 34.07      | 5.41       | 32.16      |  |

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

## 5745MHz\_TnomVnom

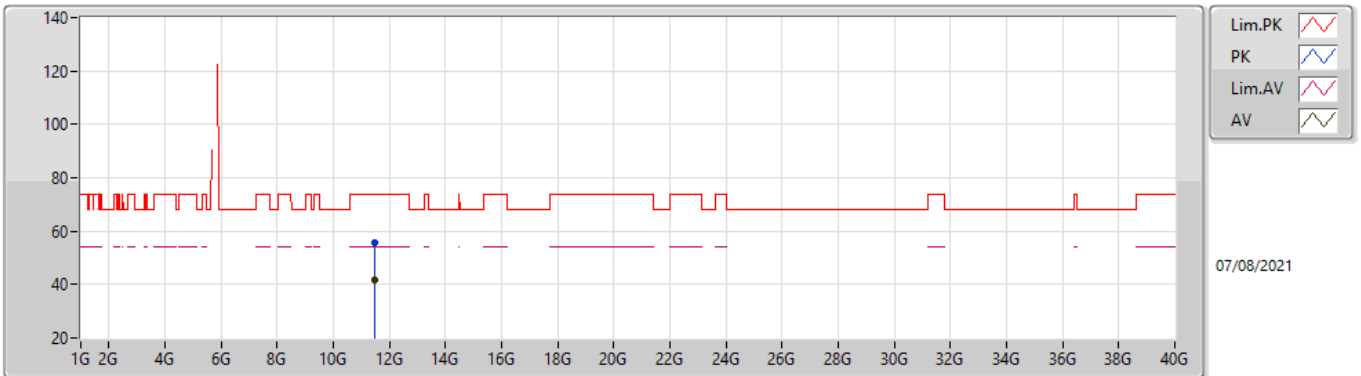


EUT\_Z\_2TX  
Setting 29  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.638G       | 59.64             | 68.20             | -8.56          | 52.80         | 3           | Horizontal | 245            | 2.81          | -       | 33.82      | 5.16       | 32.14      |  |
| PK   | 5.741G       | 113.90            | Inf               | -Inf           | 107.20        | 3           | Horizontal | 245            | 2.81          | -       | 33.78      | 5.06       | 32.14      |  |
| AV   | 5.744G       | 102.54            | Inf               | -Inf           | 95.83         | 3           | Horizontal | 245            | 2.81          | -       | 33.79      | 5.06       | 32.14      |  |
| PK   | 5.942G       | 59.68             | 68.20             | -8.52          | 52.33         | 3           | Horizontal | 245            | 2.81          | -       | 34.08      | 5.43       | 32.16      |  |

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

## 5745MHz\_TnomVnom

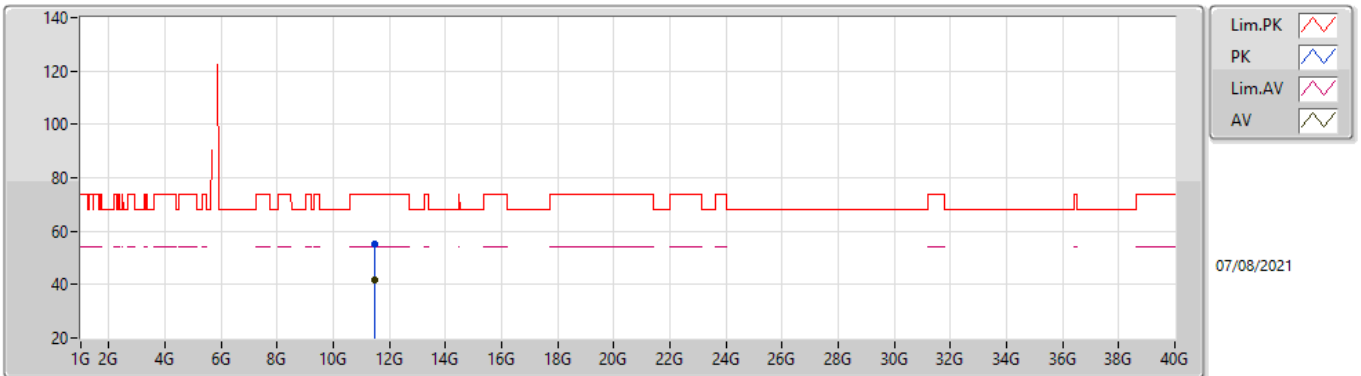


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.49342G    | 55.78             | 74.00             | -18.22         | 42.28         | 3           | Vertical  | 235            | 2.91          | -       | 39.19      | 9.90       | 35.59      |  |
| AV   | 11.49222G    | 41.88             | 54.00             | -12.12         | 28.39         | 3           | Vertical  | 235            | 2.91          | -       | 39.18      | 9.90       | 35.59      |  |

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

### 5745MHz\_TnomVnom

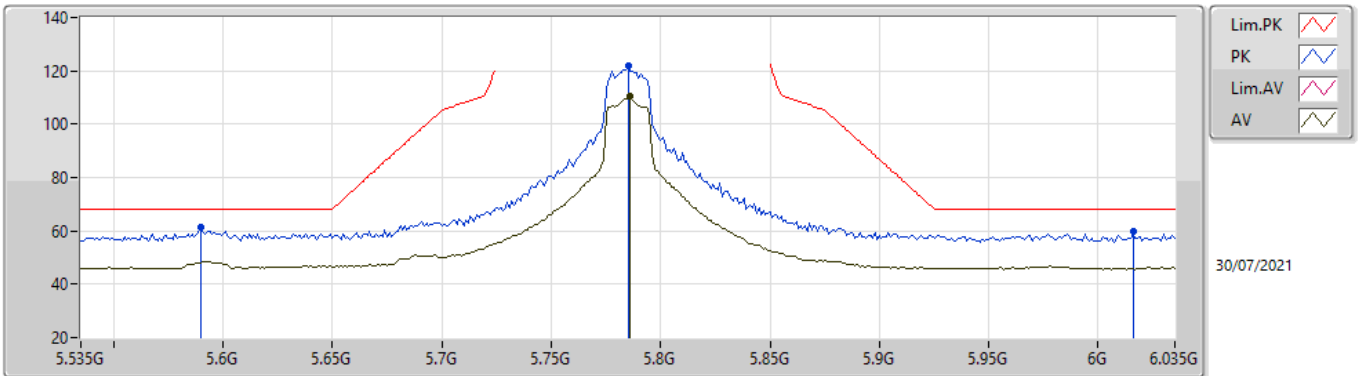


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.48934G    | 55.08             | 74.00             | -18.92         | 41.59         | 3           | Horizontal | 211            | 2.87          | -       | 39.18      | 9.90       | 35.59      |
| AV   | 11.48626G    | 41.83             | 54.00             | -12.17         | 28.34         | 3           | Horizontal | 211            | 2.87          | -       | 39.17      | 9.90       | 35.58      |

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

## 5785MHz\_TnomVnom

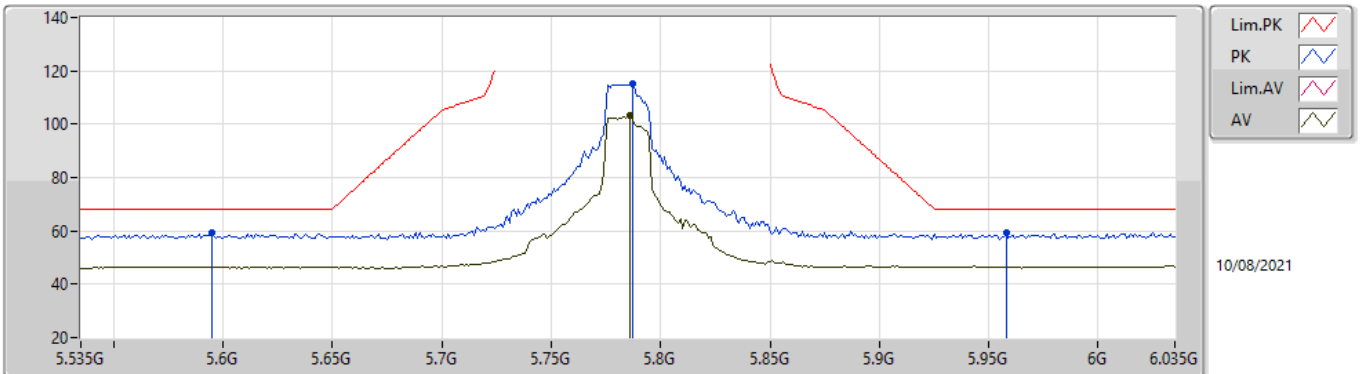


EUT\_Z\_2TX  
Setting 29  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.59G        | 61.24             | 68.20             | -6.96          | 54.29         | 3           | Vertical  | 60             | 1.49          | -       | 33.90      | 5.19       | 32.14      |  |
| PK   | 5.785G       | 121.91            | Inf               | -Inf           | 115.32        | 3           | Vertical  | 60             | 1.49          | -       | 33.73      | 5.01       | 32.15      |  |
| AV   | 5.786G       | 110.36            | Inf               | -Inf           | 103.77        | 3           | Vertical  | 60             | 1.49          | -       | 33.73      | 5.01       | 32.15      |  |
| PK   | 6.016G       | 59.65             | 68.20             | -8.55          | 52.07         | 3           | Vertical  | 60             | 1.49          | -       | 34.16      | 5.58       | 32.16      |  |

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

## 5785MHz\_TnomVnom

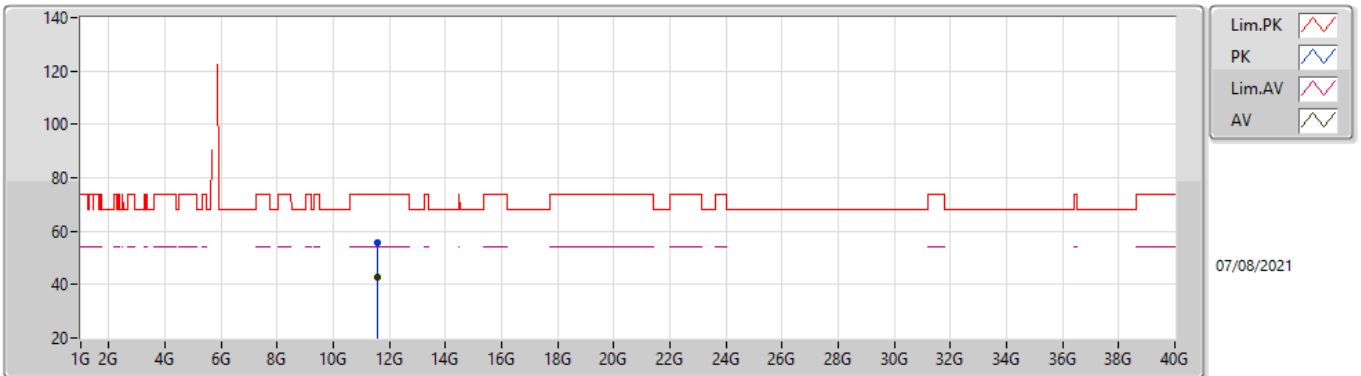


EUT\_Z\_2TX  
Setting 29  
03-D-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.595G       | 59.36             | 68.20             | -8.84          | 53.55         | 3           | Horizontal | 273            | 2.89          | -       | 34.42      | 6.79       | 35.40      |  |
| PK   | 5.787G       | 115.27            | Inf               | -Inf           | 109.47        | 3           | Horizontal | 273            | 2.89          | -       | 34.40      | 6.89       | 35.49      |  |
| AV   | 5.786G       | 103.14            | Inf               | -Inf           | 97.34         | 3           | Horizontal | 273            | 2.89          | -       | 34.40      | 6.89       | 35.49      |  |
| PK   | 5.958G       | 59.40             | 68.20             | -8.80          | 53.38         | 3           | Horizontal | 273            | 2.89          | -       | 34.62      | 6.98       | 35.58      |  |

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

## 5785MHz\_TnomVnom

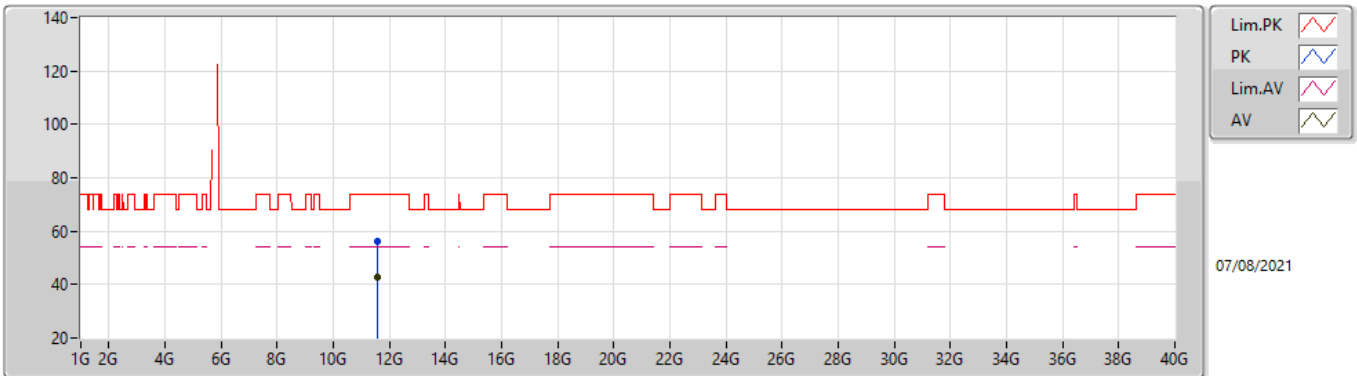


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.56826G    | 55.87             | 74.00             | -18.13         | 42.07         | 3           | Vertical  | 65             | 2.32          | -       | 39.47      | 9.91       | 35.58      |  |
| AV   | 11.57324G    | 42.63             | 54.00             | -11.37         | 28.81         | 3           | Vertical  | 65             | 2.32          | -       | 39.49      | 9.91       | 35.58      |  |

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

## 5785MHz\_TnomVnom

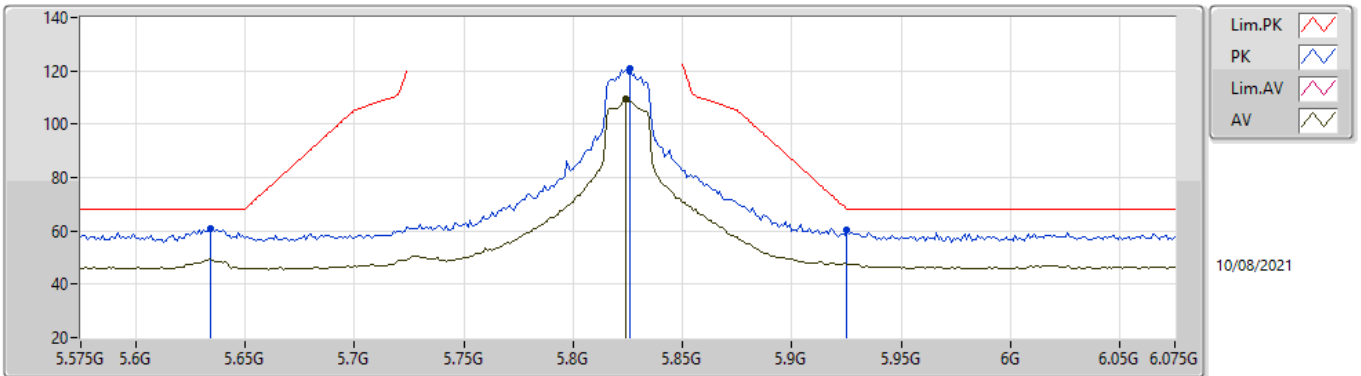


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.56828G    | 56.13             | 74.00             | -17.87         | 42.33         | 3           | Horizontal | 55             | 2.11          | -       | 39.47      | 9.91       | 35.58      |  |
| AV   | 11.56724G    | 42.60             | 54.00             | -11.40         | 28.81         | 3           | Horizontal | 55             | 2.11          | -       | 39.47      | 9.91       | 35.59      |  |

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

## 5825MHz\_TnomVnom

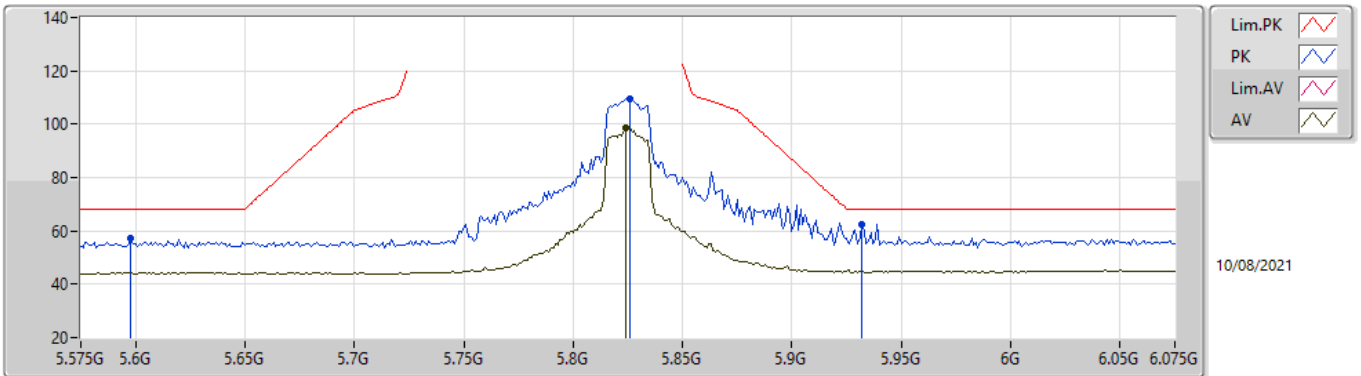


EUT\_Z\_2TX  
Setting 29  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.634G       | 61.12             | 68.20             | -7.08          | 54.26         | 3           | Vertical  | 214            | 1.80          | -       | 33.83      | 5.17       | 32.14      |  |
| PK   | 5.826G       | 121.04            | Inf               | -Inf           | 114.36        | 3           | Vertical  | 214            | 1.80          | -       | 33.75      | 5.08       | 32.15      |  |
| AV   | 5.824G       | 109.59            | Inf               | -Inf           | 102.92        | 3           | Vertical  | 214            | 1.80          | -       | 33.75      | 5.07       | 32.15      |  |
| PK   | 5.925G       | 60.15             | 68.20             | -8.05          | 52.89         | 3           | Vertical  | 214            | 1.80          | -       | 34.05      | 5.37       | 32.16      |  |

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

## 5825MHz\_TnomVnom

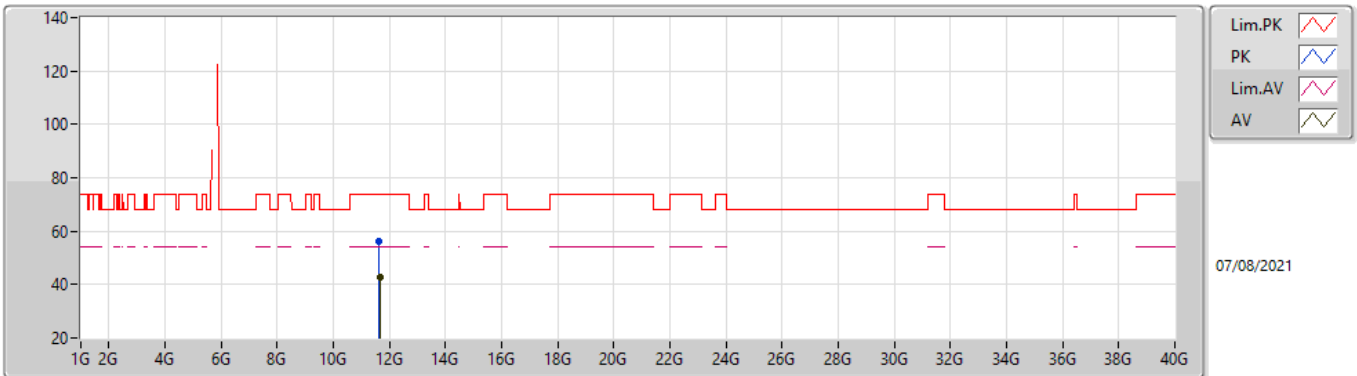


EUT\_Z\_2TX  
Setting 29  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.598G       | 57.14             | 68.20             | -11.06         | 50.18         | 3           | Horizontal | 223            | 2.62          | -       | 33.90      | 5.20       | 32.14      |  |
| PK   | 5.826G       | 109.73            | Inf               | -Inf           | 103.05        | 3           | Horizontal | 223            | 2.62          | -       | 33.75      | 5.08       | 32.15      |  |
| AV   | 5.824G       | 98.40             | Inf               | -Inf           | 91.73         | 3           | Horizontal | 223            | 2.62          | -       | 33.75      | 5.07       | 32.15      |  |
| PK   | 5.932G       | 62.47             | 68.20             | -5.73          | 55.17         | 3           | Horizontal | 223            | 2.62          | -       | 34.06      | 5.40       | 32.16      |  |

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

## 5825MHz\_TnomVnom

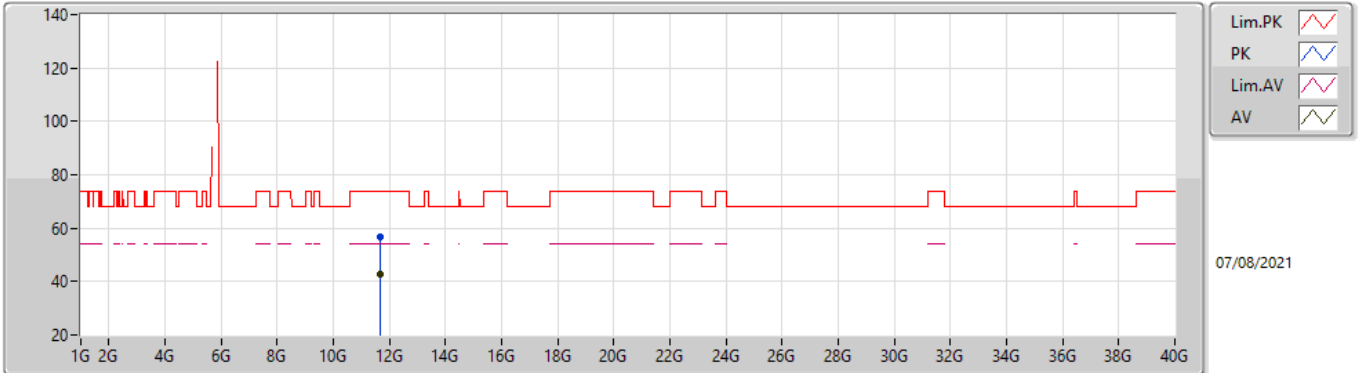


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.64624G    | 56.29             | 74.00             | -17.71         | 42.33         | 3           | Vertical  | 337            | 1.74          | -       | 39.60      | 9.93       | 35.57      |
| AV   | 11.65162G    | 42.81             | 54.00             | -11.19         | 28.85         | 3           | Vertical  | 337            | 1.74          | -       | 39.60      | 9.93       | 35.57      |

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

## 5825MHz\_TnomVnom

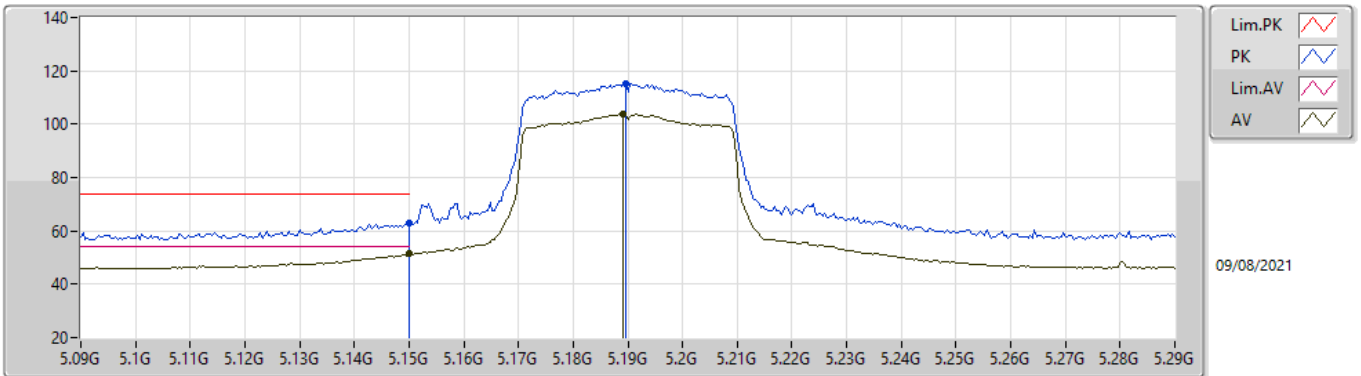


EUT\_Z\_2TX  
Setting 29  
03-D-K-5

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.65356G    | 56.63             | 74.00             | -17.37         | 42.67         | 3           | Horizontal | 73             | 1.13          | -       | 39.60      | 9.93       | 35.57      |  |
| AV   | 11.65048G    | 42.78             | 54.00             | -11.22         | 28.82         | 3           | Horizontal | 73             | 1.13          | -       | 39.60      | 9.93       | 35.57      |  |

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

## 5190MHz\_TnomVnom

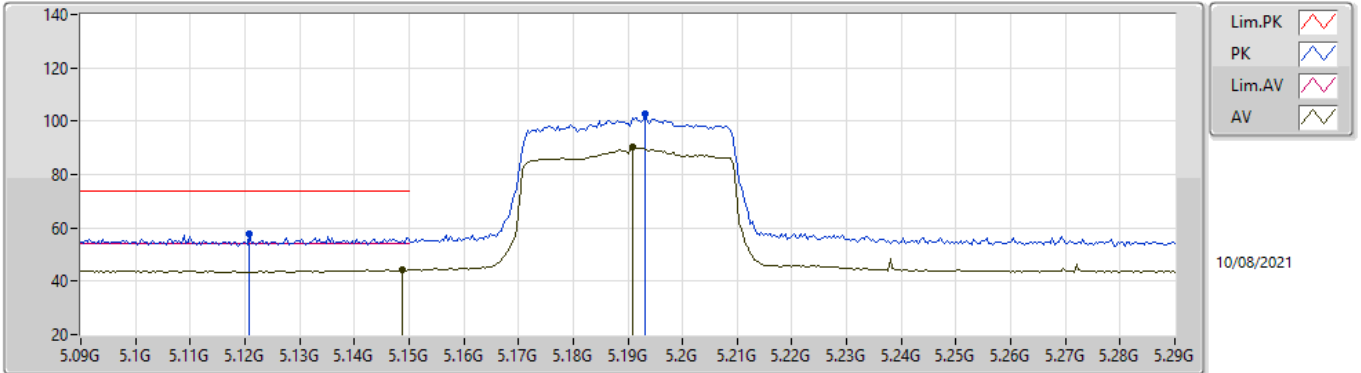


EUT\_Z\_2TX  
Setting 25  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.15G        | 63.16             | 74.00             | -10.84         | 56.81         | 3           | Vertical  | 121.2          | 1.80          | -       | 33.50      | 5.00       | 32.15      |  |
| AV   | 5.15G        | 51.52             | 54.00             | -2.48          | 45.17         | 3           | Vertical  | 121.2          | 1.80          | -       | 33.50      | 5.00       | 32.15      |  |
| PK   | 5.1896G      | 115.21            | Inf               | -Inf           | 108.78        | 3           | Vertical  | 121.2          | 1.80          | -       | 33.50      | 5.08       | 32.15      |  |
| AV   | 5.1892G      | 103.97            | Inf               | -Inf           | 97.54         | 3           | Vertical  | 121.2          | 1.80          | -       | 33.50      | 5.08       | 32.15      |  |

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

## 5190MHz\_TnomVnom

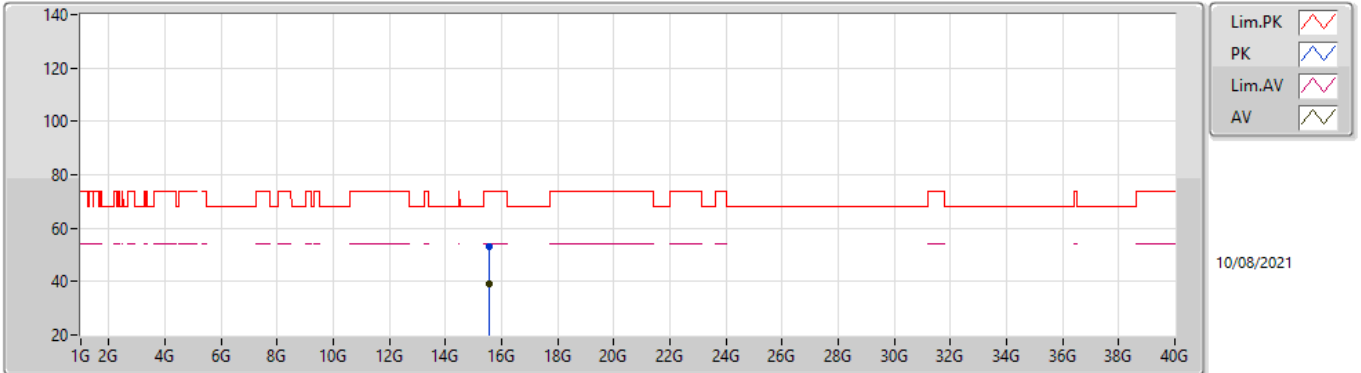


EUT\_Z\_2TX  
Setting 25  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1208G      | 57.51             | 74.00             | -16.49         | 51.22         | 3           | Horizontal | 350            | 1.37          | -       | 33.50      | 4.94       | 32.15      |
| AV   | 5.1488G      | 44.22             | 54.00             | -9.78          | 37.87         | 3           | Horizontal | 350            | 1.37          | -       | 33.50      | 5.00       | 32.15      |
| PK   | 5.1932G      | 102.56            | Inf               | -Inf           | 96.12         | 3           | Horizontal | 350            | 1.37          | -       | 33.50      | 5.09       | 32.15      |
| AV   | 5.1908G      | 90.23             | Inf               | -Inf           | 83.80         | 3           | Horizontal | 350            | 1.37          | -       | 33.50      | 5.08       | 32.15      |

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

## 5190MHz\_TnomVnom

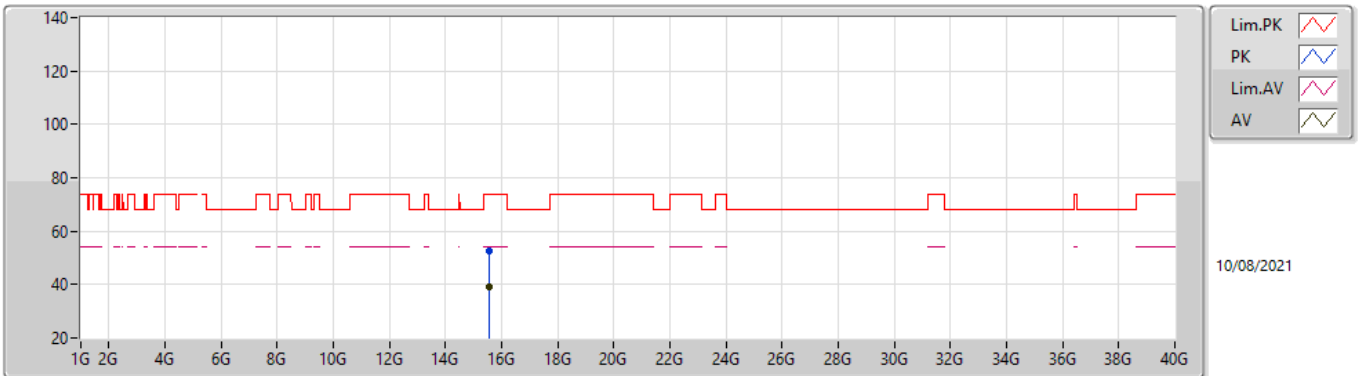


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.5665G     | 53.08             | 74.00             | -20.92         | 39.56         | 3           | Vertical  | 25             | 1.34          | -       | 37.70      | 9.05       | 33.23      |  |
| AV   | 15.5696G     | 39.24             | 54.00             | -14.76         | 25.73         | 3           | Vertical  | 25             | 1.34          | -       | 37.69      | 9.05       | 33.23      |  |

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

## 5190MHz\_TnomVnom

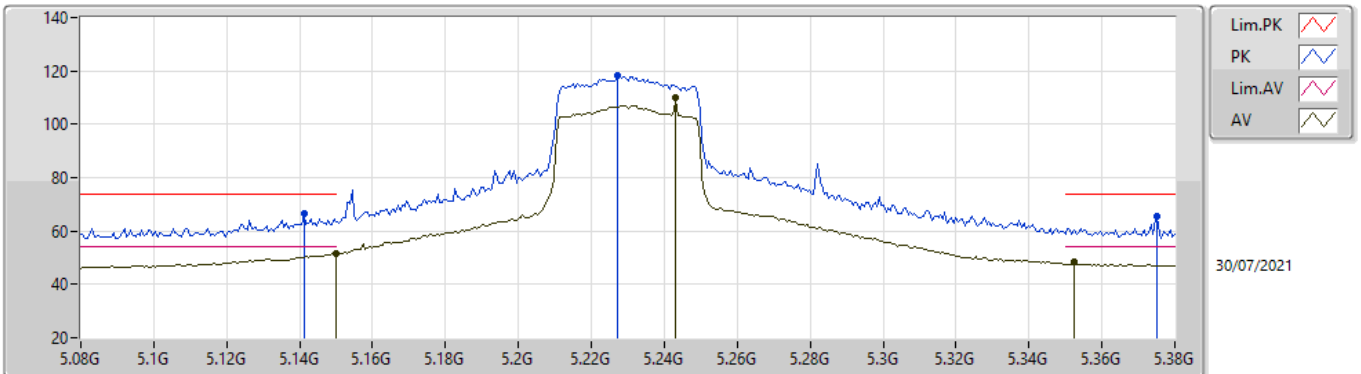


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |  |
| PK   | 15.56602G | 52.33    | 74.00    | -21.67 | 38.81  | 3    | Horizontal | 295     | 2.86   | -       | 37.70 | 9.05 | 33.23 |  |
| AV   | 15.5685G  | 39.15    | 54.00    | -14.85 | 25.64  | 3    | Horizontal | 295     | 2.86   | -       | 37.69 | 9.05 | 33.23 |  |

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

## 5230MHz\_TnomVnom

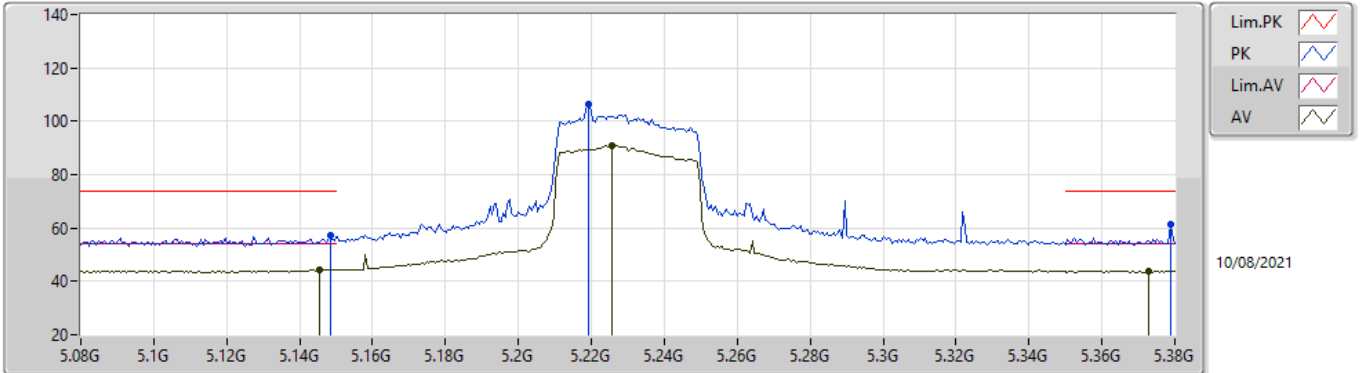


EUT\_Z\_2TX  
Setting 28  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1412G      | 66.69             | 74.00             | -7.31          | 60.36         | 3           | Vertical  | 46.2           | 1.80          | -       | 33.50      | 4.98       | 32.15      |
| AV   | 5.15G        | 51.79             | 54.00             | -2.21          | 45.44         | 3           | Vertical  | 46.2           | 1.80          | -       | 33.50      | 5.00       | 32.15      |
| PK   | 5.227G       | 118.44            | Inf               | -Inf           | 111.95        | 3           | Vertical  | 46.2           | 1.80          | -       | 33.55      | 5.09       | 32.15      |
| AV   | 5.2432G      | 110.01            | Inf               | -Inf           | 103.49        | 3           | Vertical  | 46.2           | 1.80          | -       | 33.59      | 5.08       | 32.15      |
| PK   | 5.3752G      | 65.56             | 74.00             | -8.44          | 58.94         | 3           | Vertical  | 46.2           | 1.80          | -       | 33.75      | 5.01       | 32.14      |
| AV   | 5.3524G      | 48.42             | 54.00             | -5.58          | 41.84         | 3           | Vertical  | 46.2           | 1.80          | -       | 33.70      | 5.02       | 32.14      |

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

## 5230MHz\_TnomVnom

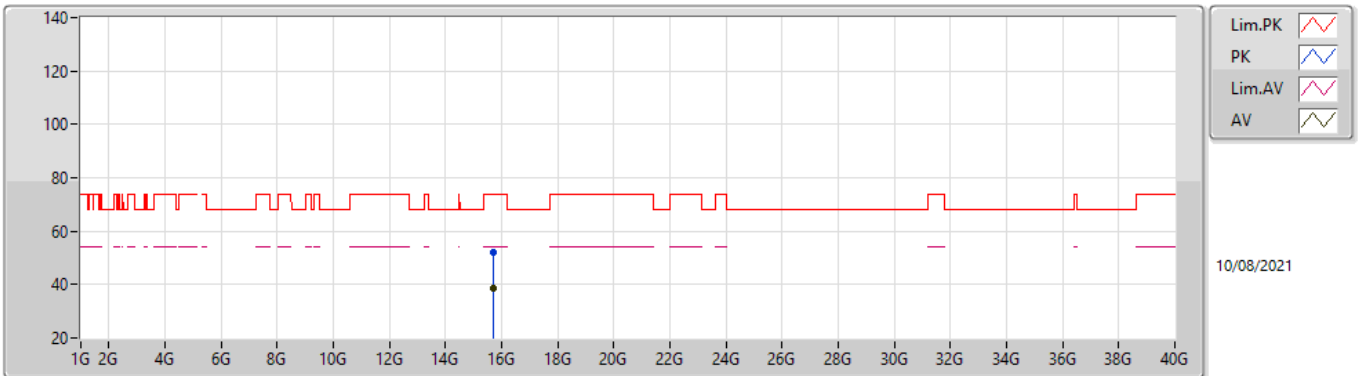


EUT\_Z\_2TX  
Setting 28  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1484G      | 57.12             | 74.00             | -16.88         | 50.77         | 3           | Horizontal | 310.2          | 1.99          | -       | 33.50      | 5.00       | 32.15      |
| AV   | 5.1454G      | 44.40             | 54.00             | -9.60          | 38.06         | 3           | Horizontal | 310.2          | 1.99          | -       | 33.50      | 4.99       | 32.15      |
| PK   | 5.2192G      | 106.41            | Inf               | -Inf           | 99.93         | 3           | Horizontal | 310.2          | 1.99          | -       | 33.54      | 5.09       | 32.15      |
| AV   | 5.2258G      | 91.02             | Inf               | -Inf           | 84.53         | 3           | Horizontal | 310.2          | 1.99          | -       | 33.55      | 5.09       | 32.15      |
| PK   | 5.3788G      | 61.47             | 74.00             | -12.53         | 54.84         | 3           | Horizontal | 310.2          | 1.99          | -       | 33.76      | 5.01       | 32.14      |
| AV   | 5.3728G      | 43.87             | 54.00             | -10.13         | 37.25         | 3           | Horizontal | 310.2          | 1.99          | -       | 33.75      | 5.01       | 32.14      |

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

## 5230MHz\_TnomVnom

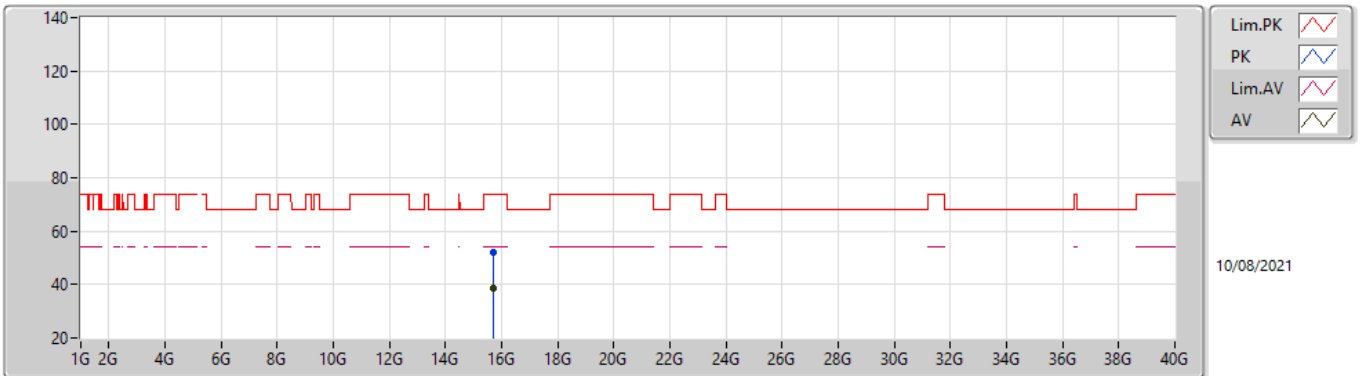


EUT\_Z\_2TX  
Setting 28  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition | Azimuth | Height | Comment | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |           | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |
| PK   | 15.68826G | 52.30    | 74.00    | -21.70 | 39.16  | 3    | Vertical  | 152     | 1.30   | -       | 37.42 | 9.09 | 33.37 |
| AV   | 15.6903G  | 38.75    | 54.00    | -15.25 | 25.61  | 3    | Vertical  | 152     | 1.30   | -       | 37.42 | 9.09 | 33.37 |

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

### 5230MHz\_TnomVnom

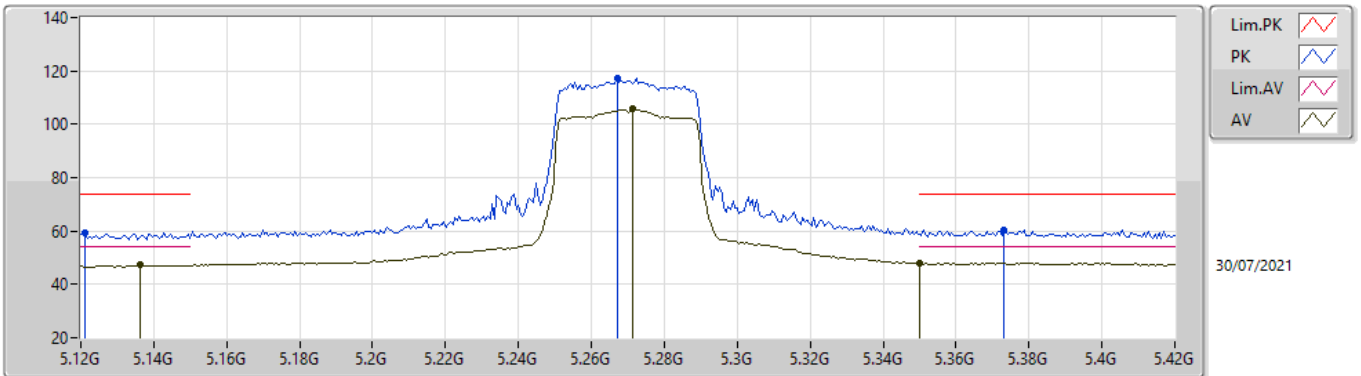


EUT\_Z\_2TX  
Setting 28  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.69112G    | 51.83             | 74.00             | -22.17         | 38.70         | 3           | Horizontal | 360            | 1.55          | -       | 37.42      | 9.09       | 33.38      |
| AV   | 15.68918G    | 38.84             | 54.00             | -15.16         | 25.70         | 3           | Horizontal | 360            | 1.55          | -       | 37.42      | 9.09       | 33.37      |

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

## 5270MHz\_TnomVnom

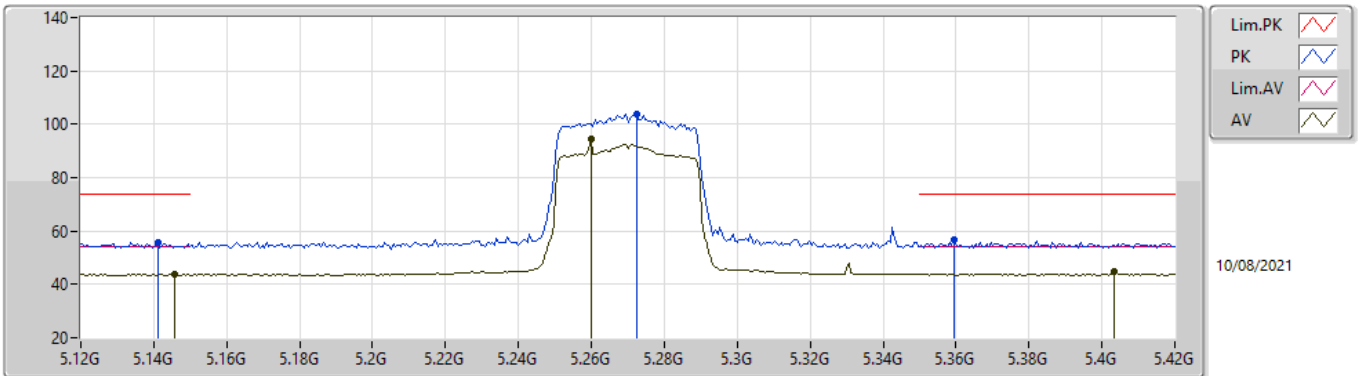


EUT\_Z\_2TX  
Setting 26  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1212G      | 59.21             | 74.00             | -14.79         | 54.12         | 3           | Vertical  | 78             | 1.80          | -       | 33.98      | 6.44       | 35.33      |
| AV   | 5.1362G      | 47.30             | 54.00             | -6.70          | 42.17         | 3           | Vertical  | 78             | 1.80          | -       | 34.04      | 6.43       | 35.34      |
| PK   | 5.267G       | 117.37            | Inf               | -Inf           | 112.01        | 3           | Vertical  | 78             | 1.80          | -       | 34.27      | 6.43       | 35.34      |
| AV   | 5.2712G      | 105.93            | Inf               | -Inf           | 100.55        | 3           | Vertical  | 78             | 1.80          | -       | 34.28      | 6.44       | 35.34      |
| PK   | 5.3732G      | 60.27             | 74.00             | -13.73         | 54.57         | 3           | Vertical  | 78             | 1.80          | -       | 34.55      | 6.49       | 35.34      |
| AV   | 5.35G        | 48.15             | 54.00             | -5.85          | 42.42         | 3           | Vertical  | 78             | 1.80          | -       | 34.60      | 6.47       | 35.34      |

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

## 5270MHz\_TnomVnom

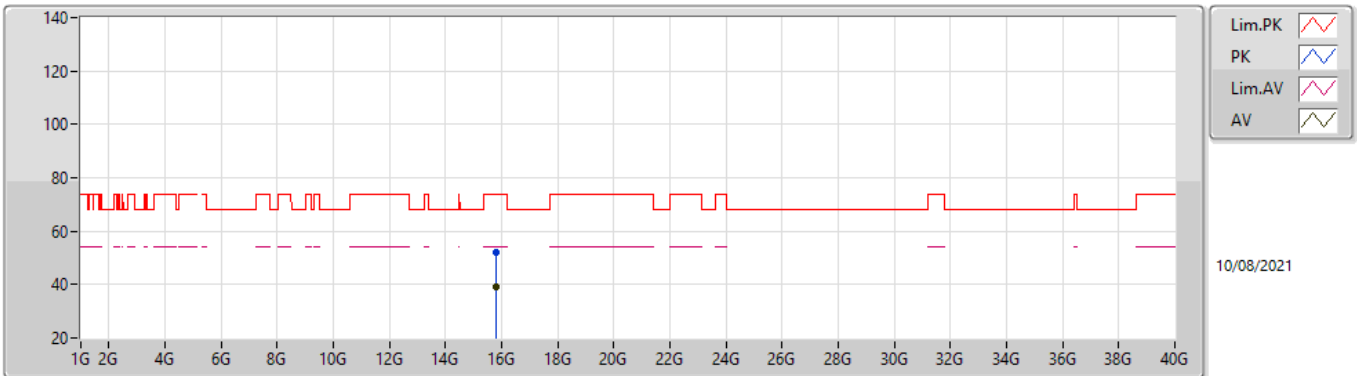


EUT\_Z\_2TX  
Setting 26  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.141G       | 55.92             | 74.00             | -18.08         | 49.59         | 3           | Horizontal | 249            | 2.79          | -       | 33.50      | 4.98       | 32.15      |
| AV   | 5.1458G      | 43.78             | 54.00             | -10.22         | 37.44         | 3           | Horizontal | 249            | 2.79          | -       | 33.50      | 4.99       | 32.15      |
| PK   | 5.2724G      | 103.74            | Inf               | -Inf           | 97.18         | 3           | Horizontal | 249            | 2.79          | -       | 33.64      | 5.06       | 32.14      |
| AV   | 5.2598G      | 94.58             | Inf               | -Inf           | 88.03         | 3           | Horizontal | 249            | 2.79          | -       | 33.62      | 5.07       | 32.14      |
| PK   | 5.3594G      | 56.59             | 74.00             | -17.41         | 49.99         | 3           | Horizontal | 249            | 2.79          | -       | 33.72      | 5.02       | 32.14      |
| AV   | 5.4032G      | 44.83             | 54.00             | -9.17          | 38.16         | 3           | Horizontal | 249            | 2.79          | -       | 33.81      | 5.00       | 32.14      |

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

## 5270MHz\_TnomVnom

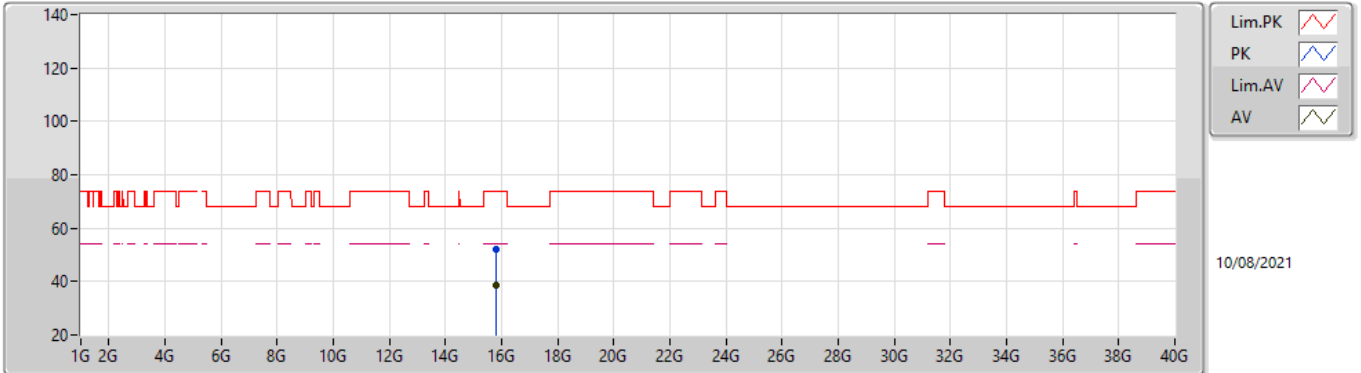


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.8096G     | 51.94             | 74.00             | -22.06         | 38.92         | 3           | Vertical  | 157            | 2.98          | -       | 37.41      | 9.13       | 33.52      |
| AV   | 15.81018G    | 38.92             | 54.00             | -15.08         | 25.90         | 3           | Vertical  | 157            | 2.98          | -       | 37.41      | 9.13       | 33.52      |

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

## 5270MHz\_TnomVnom

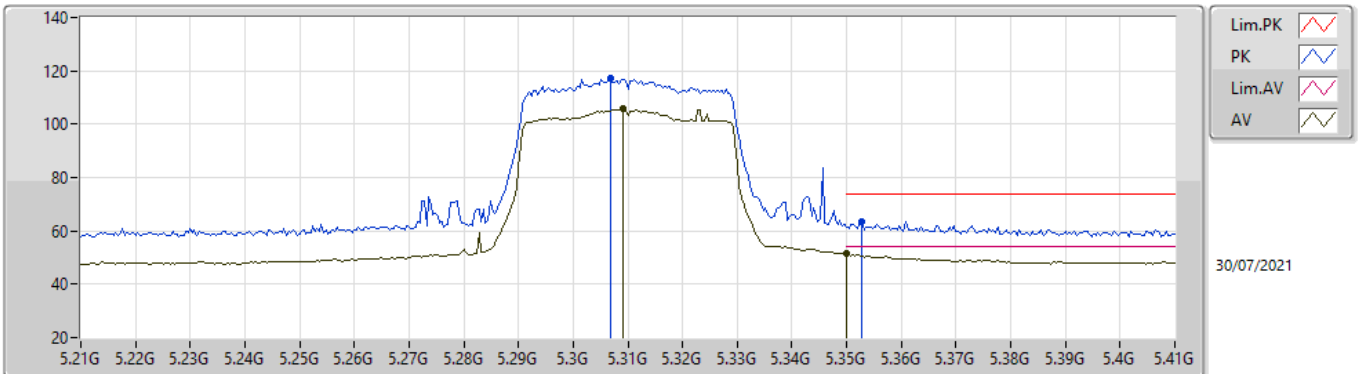


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |  |
| PK   | 15.8082G  | 52.27    | 74.00    | -21.73 | 39.24  | 3    | Horizontal | 309     | 2.30   | -       | 37.41 | 9.13 | 33.51 |  |
| AV   | 15.81446G | 38.83    | 54.00    | -15.17 | 25.80  | 3    | Horizontal | 309     | 2.30   | -       | 37.41 | 9.14 | 33.52 |  |

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

## 5310MHz\_TnomVnom

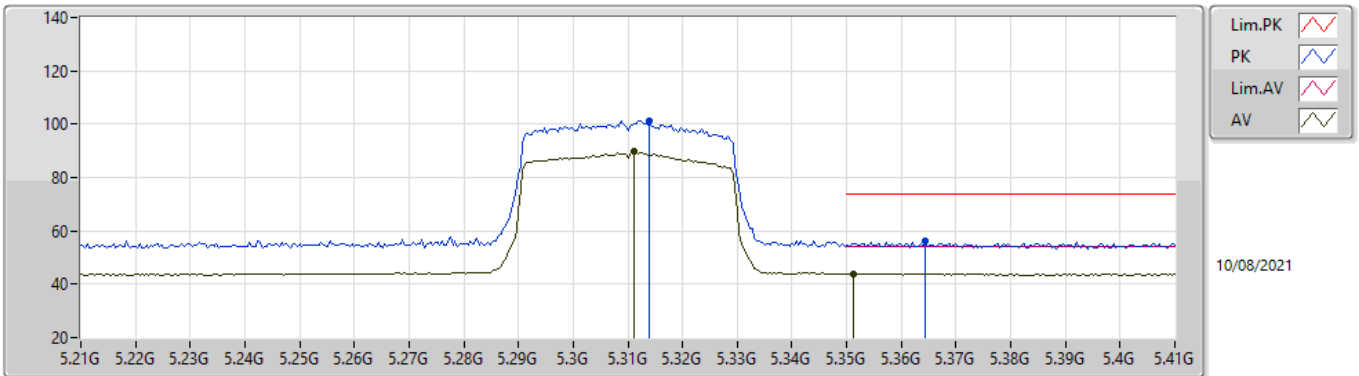


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.3068G      | 117.05            | Inf               | -Inf           | 111.51        | 3           | Vertical  | 86             | 1.66          | -       | 34.43      | 6.45       | 35.34      |  |
| AV   | 5.3092G      | 105.67            | Inf               | -Inf           | 100.12        | 3           | Vertical  | 86             | 1.66          | -       | 34.44      | 6.45       | 35.34      |  |
| PK   | 5.3528G      | 63.56             | 74.00             | -10.44         | 57.83         | 3           | Vertical  | 86             | 1.66          | -       | 34.59      | 6.48       | 35.34      |  |
| AV   | 5.35G        | 51.48             | 54.00             | -2.52          | 45.75         | 3           | Vertical  | 86             | 1.66          | -       | 34.60      | 6.47       | 35.34      |  |

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

## 5310MHz\_TnomVnom

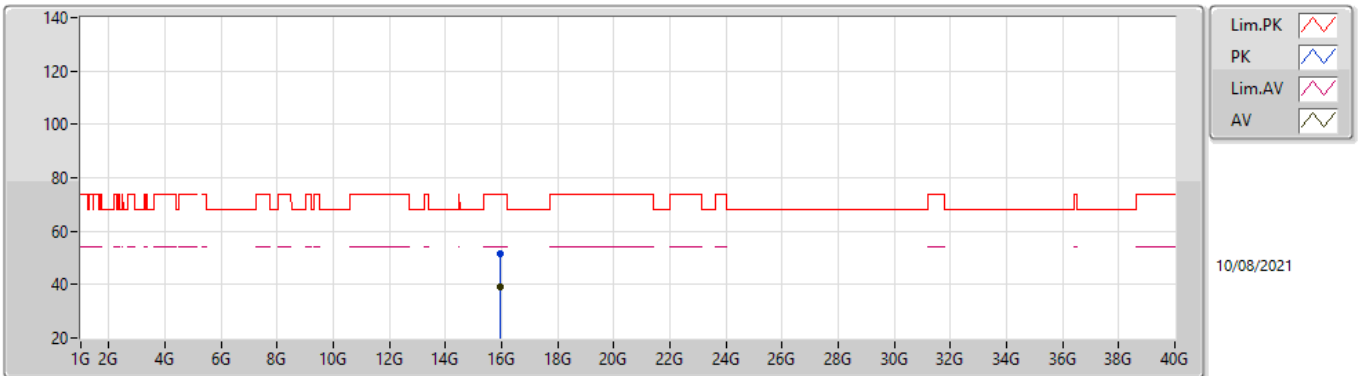


EUT\_Z\_2TX  
Setting 25  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.314G       | 101.45            | Inf               | -Inf           | 94.85         | 3           | Horizontal | 332            | 1.68          | -       | 33.70      | 5.04       | 32.14      |
| AV   | 5.3112G      | 89.68             | Inf               | -Inf           | 83.08         | 3           | Horizontal | 332            | 1.68          | -       | 33.70      | 5.04       | 32.14      |
| PK   | 5.3644G      | 56.06             | 74.00             | -17.94         | 49.45         | 3           | Horizontal | 332            | 1.68          | -       | 33.73      | 5.02       | 32.14      |
| AV   | 5.3512G      | 44.05             | 54.00             | -9.95          | 37.47         | 3           | Horizontal | 332            | 1.68          | -       | 33.70      | 5.02       | 32.14      |

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

## 5310MHz\_TnomVnom

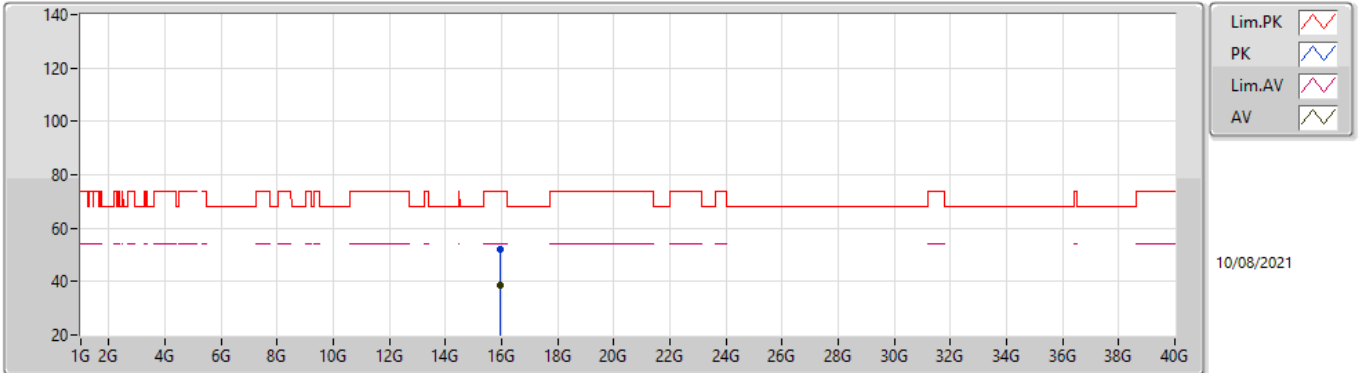


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.93142G    | 51.81             | 74.00             | -22.19         | 38.82         | 3           | Vertical  | 116            | 2.51          | -       | 37.47      | 9.18       | 33.66      |
| AV   | 15.92714G    | 39.04             | 54.00             | -14.96         | 26.05         | 3           | Vertical  | 116            | 2.51          | -       | 37.47      | 9.17       | 33.65      |

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

## 5310MHz\_TnomVnom

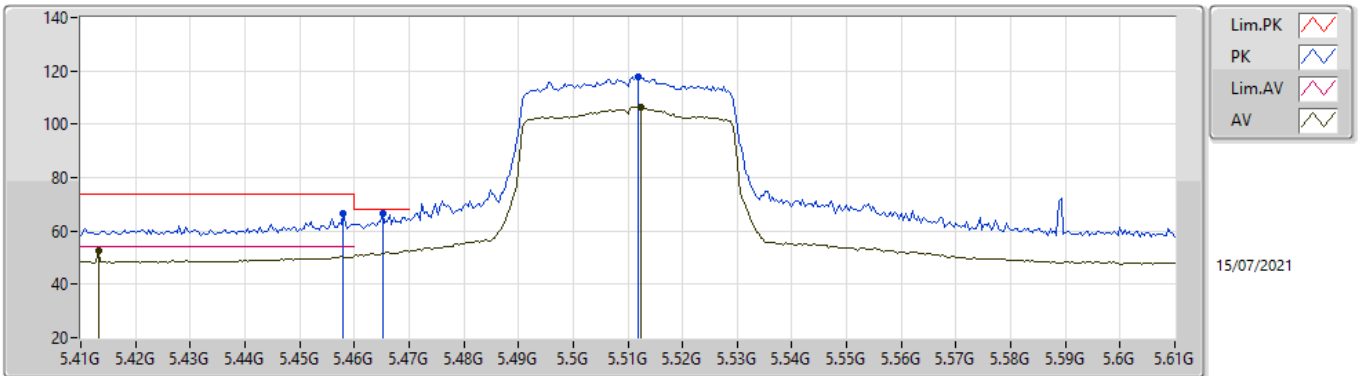


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |
| PK   | 15.93114G | 51.86    | 74.00    | -22.14 | 38.87  | 3    | Horizontal | 173     | 1.94   | -       | 37.47 | 9.18 | 33.66 |
| AV   | 15.92898G | 38.76    | 54.00    | -15.24 | 25.77  | 3    | Horizontal | 173     | 1.94   | -       | 37.47 | 9.18 | 33.66 |

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

## 5510MHz\_TnomVnom

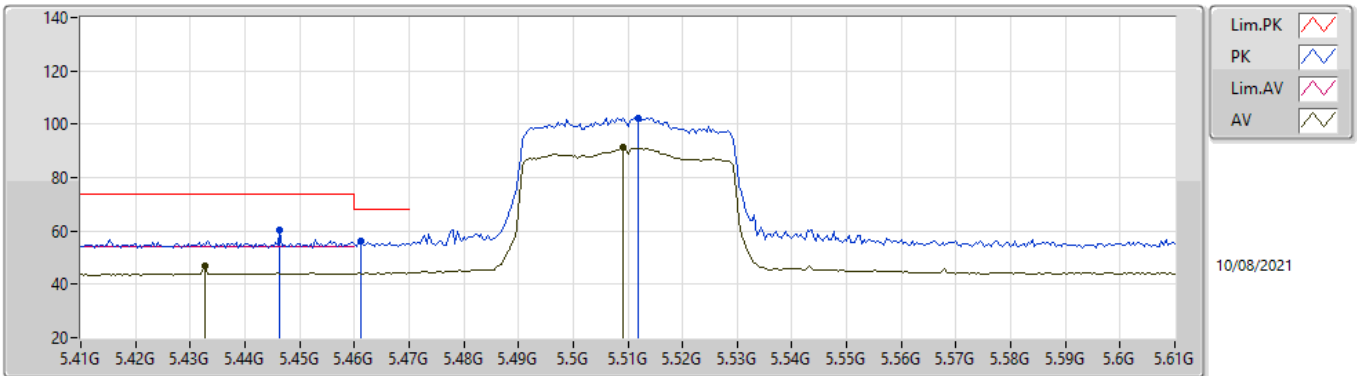


EUT\_Z\_2TX  
Setting 26  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.458G       | 66.57             | 74.00             | -7.43          | 60.65         | 3           | Vertical  | 107            | 1.80          | -       | 34.68      | 6.59       | 35.35      |  |
| AV   | 5.4132G      | 52.41             | 54.00             | -1.59          | 46.69         | 3           | Vertical  | 107            | 1.80          | -       | 34.55      | 6.52       | 35.35      |  |
| PK   | 5.4652G      | 66.46             | 68.20             | -1.74          | 60.54         | 3           | Vertical  | 107            | 1.80          | -       | 34.67      | 6.60       | 35.35      |  |
| PK   | 5.512G       | 117.96            | Inf               | -Inf           | 112.05        | 3           | Vertical  | 107            | 1.80          | -       | 34.60      | 6.67       | 35.36      |  |
| AV   | 5.5124G      | 106.35            | Inf               | -Inf           | 100.44        | 3           | Vertical  | 107            | 1.80          | -       | 34.60      | 6.67       | 35.36      |  |

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

## 5510MHz\_TnomVnom

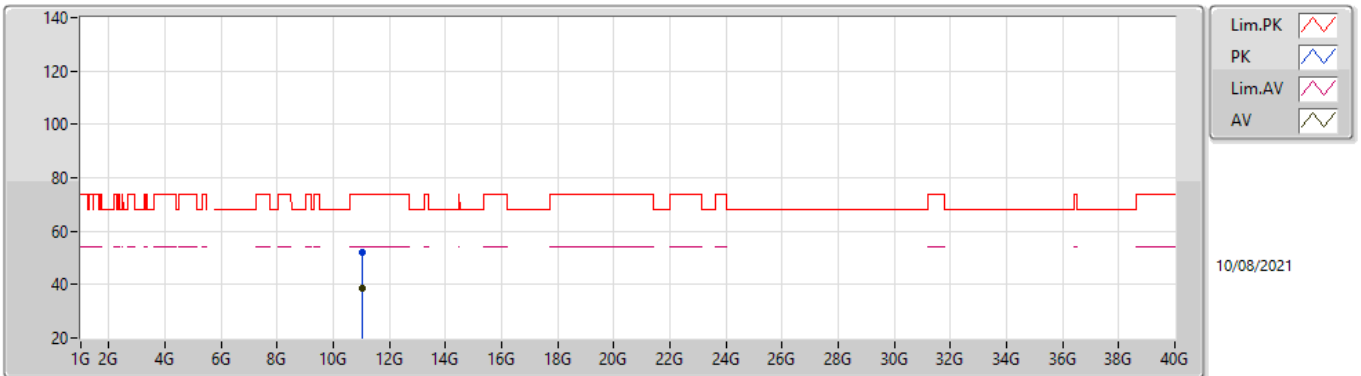


EUT\_Z\_2TX  
Setting 26  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.4464G      | 60.14             | 74.00             | -13.86         | 53.33         | 3           | Horizontal | 65             | 1.80          | -       | 33.89      | 5.05       | 32.13      |
| AV   | 5.4328G      | 46.81             | 54.00             | -7.19          | 40.04         | 3           | Horizontal | 65             | 1.80          | -       | 33.87      | 5.03       | 32.13      |
| PK   | 5.4612G      | 56.40             | 68.20             | -11.80         | 49.57         | 3           | Horizontal | 65             | 1.80          | -       | 33.90      | 5.06       | 32.13      |
| AV   | 5.5092G      | 91.38             | Inf               | -Inf           | 84.50         | 3           | Horizontal | 65             | 1.80          | -       | 33.90      | 5.11       | 32.13      |
| PK   | 5.512G       | 102.38            | Inf               | -Inf           | 95.50         | 3           | Horizontal | 65             | 1.80          | -       | 33.90      | 5.11       | 32.13      |

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

## 5510MHz\_TnomVnom

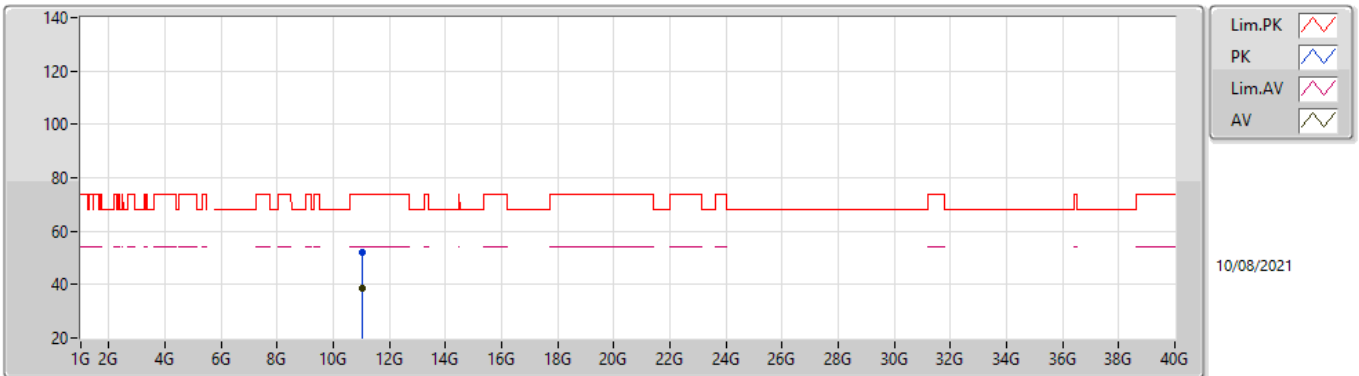


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.01668G    | 51.82             | 74.00             | -22.18         | 39.11         | 3           | Vertical  | 38             | 1.76          | -       | 38.52      | 7.46       | 33.27      |
| AV   | 11.01742G    | 38.74             | 54.00             | -15.26         | 26.03         | 3           | Vertical  | 38             | 1.76          | -       | 38.52      | 7.46       | 33.27      |

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

## 5510MHz\_TnomVnom

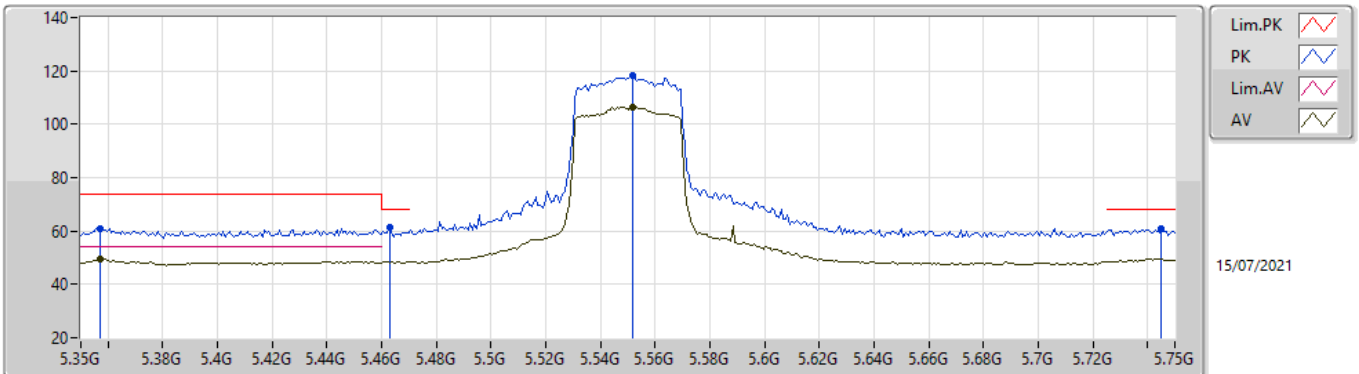


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.02088G    | 51.87             | 74.00             | -22.13         | 39.16         | 3           | Horizontal | 329            | 2.61          | -       | 38.52      | 7.46       | 33.27      |
| AV   | 11.01568G    | 38.63             | 54.00             | -15.37         | 25.92         | 3           | Horizontal | 329            | 2.61          | -       | 38.52      | 7.46       | 33.27      |

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

## 5550MHz\_TnomVnom

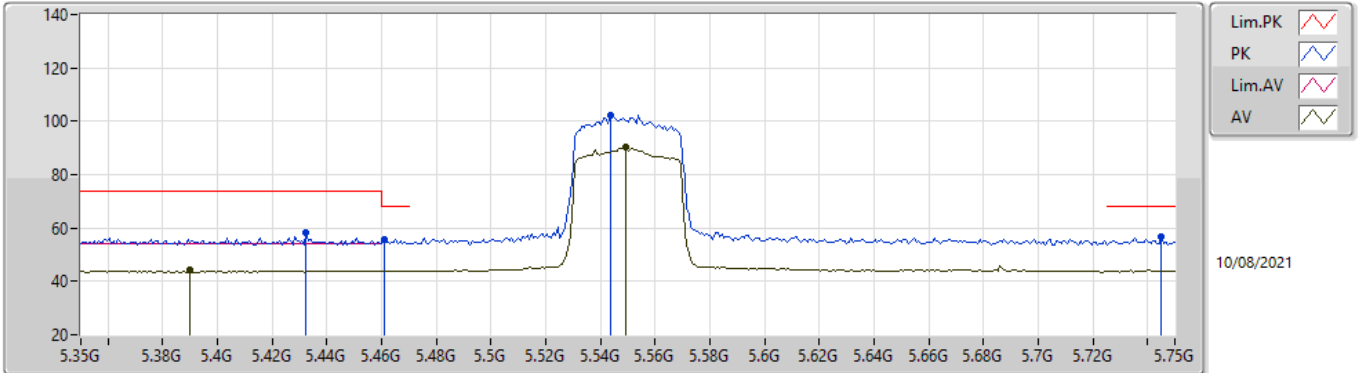


EUT\_Z\_2TX  
Setting 26  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.3572G      | 60.76             | 74.00             | -13.24         | 55.03         | 3           | Vertical  | 270            | 1.46          | -       | 34.59      | 6.48       | 35.34      |
| AV   | 5.3572G      | 49.27             | 54.00             | -4.73          | 43.54         | 3           | Vertical  | 270            | 1.46          | -       | 34.59      | 6.48       | 35.34      |
| PK   | 5.4628G      | 61.30             | 68.20             | -6.90          | 55.39         | 3           | Vertical  | 270            | 1.46          | -       | 34.67      | 6.59       | 35.35      |
| PK   | 5.5516G      | 118.41            | Inf               | -Inf           | 112.47        | 3           | Vertical  | 270            | 1.46          | -       | 34.59      | 6.73       | 35.38      |
| AV   | 5.5516G      | 106.63            | Inf               | -Inf           | 100.69        | 3           | Vertical  | 270            | 1.46          | -       | 34.59      | 6.73       | 35.38      |
| PK   | 5.7452G      | 60.82             | 68.20             | -7.38          | 55.02         | 3           | Vertical  | 270            | 1.46          | -       | 34.40      | 6.87       | 35.47      |

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

## 5550MHz\_TnomVnom

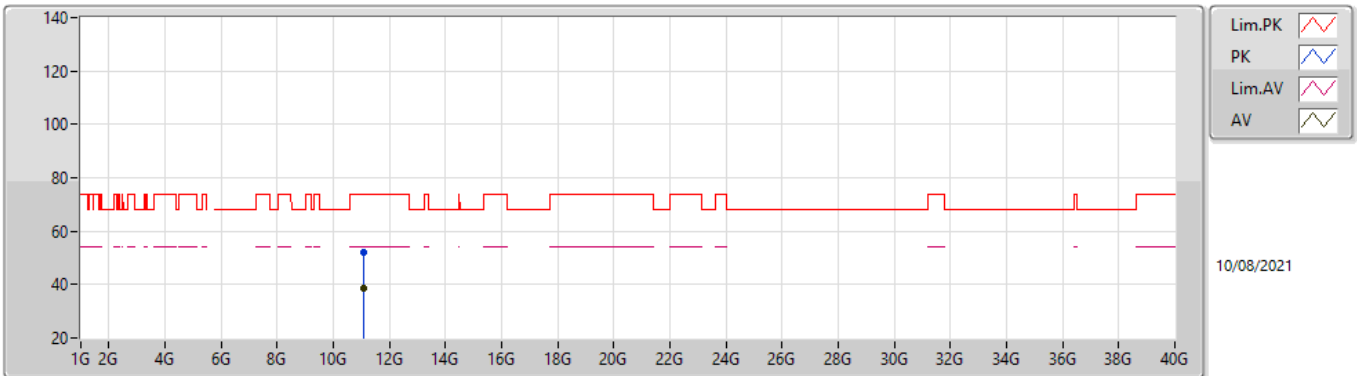


EUT\_Z\_2TX  
Setting 26  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| AV   | 5.39G        | 44.49             | 54.00             | -9.51          | 37.85         | 3           | Horizontal | 304            | 1.80          | -       | 33.78      | 5.00       | 32.14      |
| PK   | 5.4324G      | 58.43             | 74.00             | -15.57         | 51.67         | 3           | Horizontal | 304            | 1.80          | -       | 33.86      | 5.03       | 32.13      |
| PK   | 5.4612G      | 55.69             | 68.20             | -12.51         | 48.86         | 3           | Horizontal | 304            | 1.80          | -       | 33.90      | 5.06       | 32.13      |
| PK   | 5.5436G      | 102.40            | Inf               | -Inf           | 95.49         | 3           | Horizontal | 304            | 1.80          | -       | 33.90      | 5.14       | 32.13      |
| AV   | 5.5492G      | 90.22             | Inf               | -Inf           | 83.30         | 3           | Horizontal | 304            | 1.80          | -       | 33.90      | 5.15       | 32.13      |
| PK   | 5.7452G      | 56.60             | 68.20             | -11.60         | 49.90         | 3           | Horizontal | 304            | 1.80          | -       | 33.79      | 5.05       | 32.14      |

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

## 5550MHz\_TnomVnom

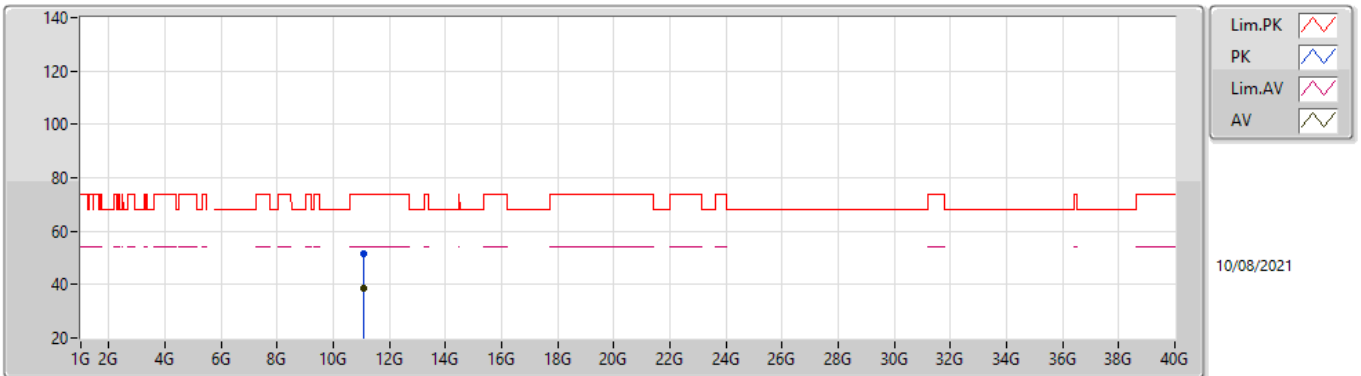


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.101G      | 51.97             | 74.00             | -22.03         | 39.14         | 3           | Vertical  | 203            | 2.45          | -       | 38.60      | 7.49       | 33.26      |  |
| AV   | 11.10224G    | 38.63             | 54.00             | -15.37         | 25.80         | 3           | Vertical  | 203            | 2.45          | -       | 38.60      | 7.49       | 33.26      |  |

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

## 5550MHz\_TnomVnom

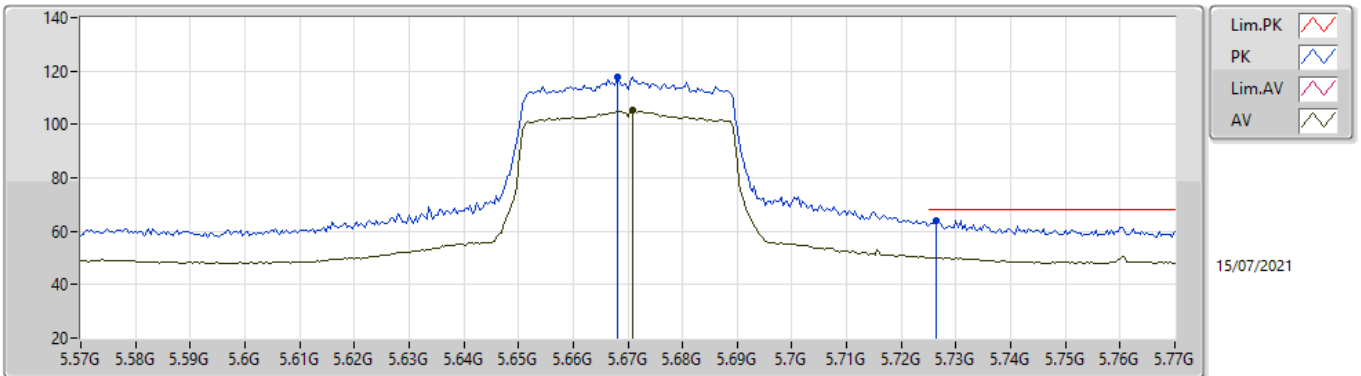


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.09722G    | 51.81             | 74.00             | -22.19         | 38.99         | 3           | Horizontal | 135            | 2.24          | -       | 38.60      | 7.48       | 33.26      |
| AV   | 11.10408G    | 38.55             | 54.00             | -15.45         | 25.72         | 3           | Horizontal | 135            | 2.24          | -       | 38.60      | 7.49       | 33.26      |

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

## 5670MHz\_TnomVnom

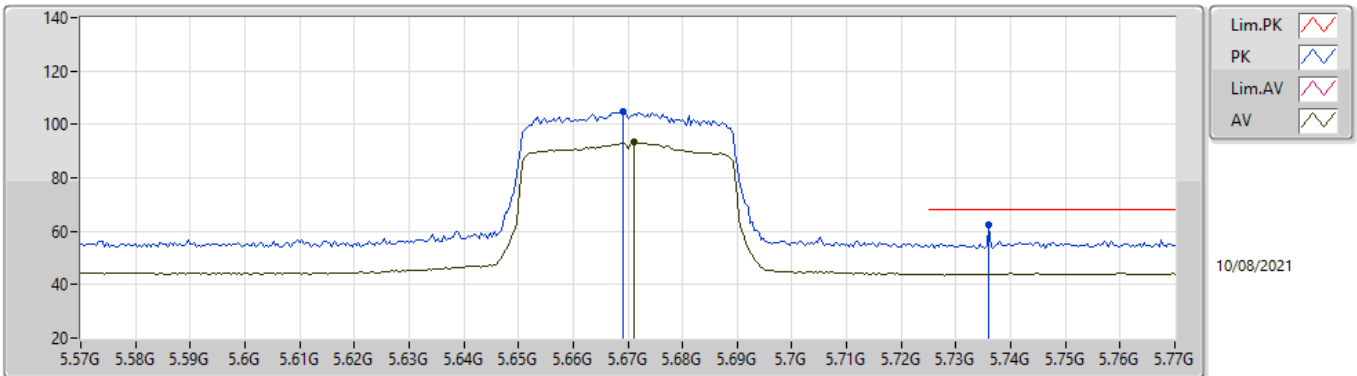


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.668G       | 117.74            | Inf               | -Inf           | 111.94        | 3           | Vertical  | 107            | 1.43          | -       | 34.40      | 6.83       | 35.43      |
| AV   | 5.6708G      | 105.48            | Inf               | -Inf           | 99.68         | 3           | Vertical  | 107            | 1.43          | -       | 34.40      | 6.84       | 35.44      |
| PK   | 5.7264G      | 64.22             | 68.20             | -3.98          | 58.42         | 3           | Vertical  | 107            | 1.43          | -       | 34.40      | 6.86       | 35.46      |

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

## 5670MHz\_TnomVnom

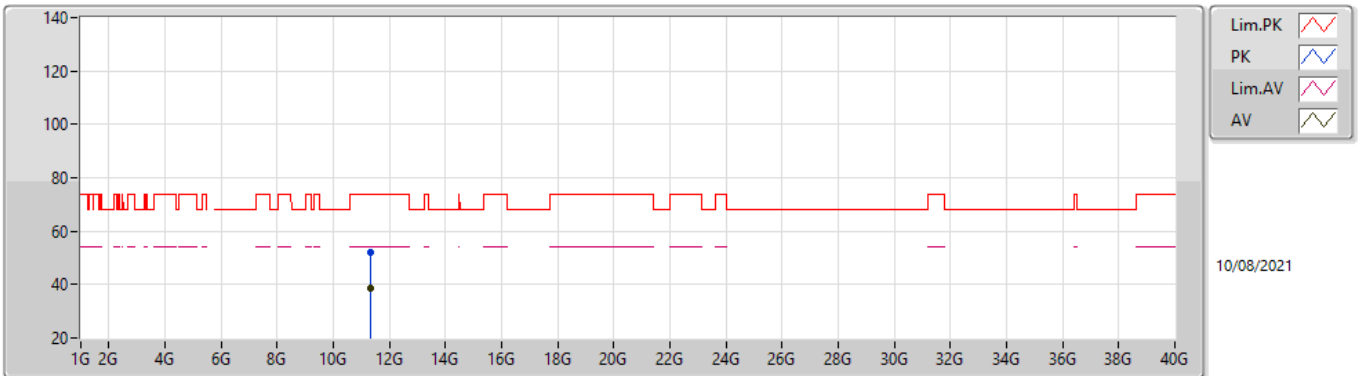


EUT\_Z\_2TX  
Setting 25  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.6692G      | 104.58            | Inf               | -Inf           | 97.83         | 3           | Horizontal | 251            | 2.93          | -       | 33.76      | 5.13       | 32.14      |
| AV   | 5.6712G      | 93.54             | Inf               | -Inf           | 86.79         | 3           | Horizontal | 251            | 2.93          | -       | 33.76      | 5.13       | 32.14      |
| PK   | 5.736G       | 62.53             | 68.20             | -5.67          | 55.84         | 3           | Horizontal | 251            | 2.93          | -       | 33.77      | 5.06       | 32.14      |

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

## 5670MHz\_TnomVnom

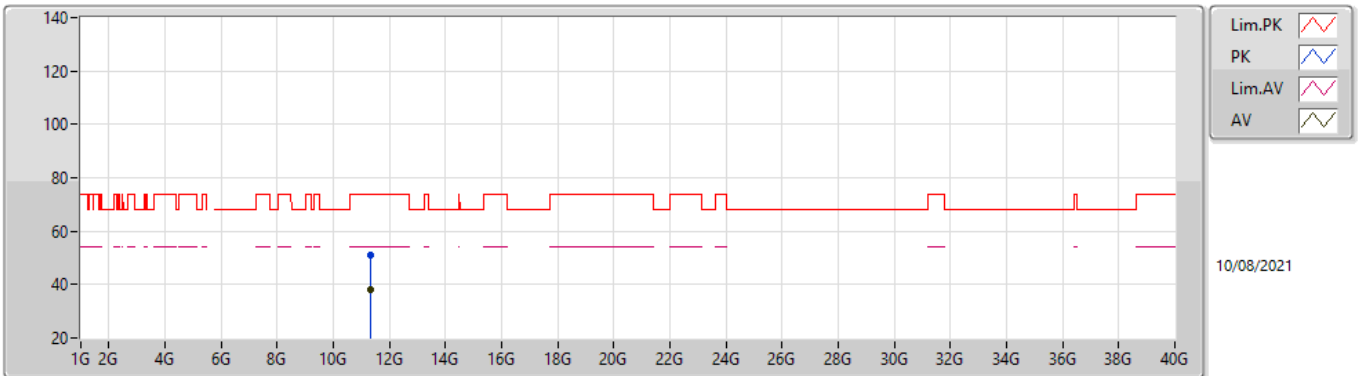


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition | Azimuth | Height | Comment | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |           | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |
| PK   | 11.34018G | 52.20    | 74.00    | -21.80 | 39.13  | 3    | Vertical  | 134     | 1.78   | -       | 38.74 | 7.57 | 33.24 |
| AV   | 11.33578G | 38.40    | 54.00    | -15.60 | 25.33  | 3    | Vertical  | 134     | 1.78   | -       | 38.74 | 7.57 | 33.24 |

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

## 5670MHz\_TnomVnom

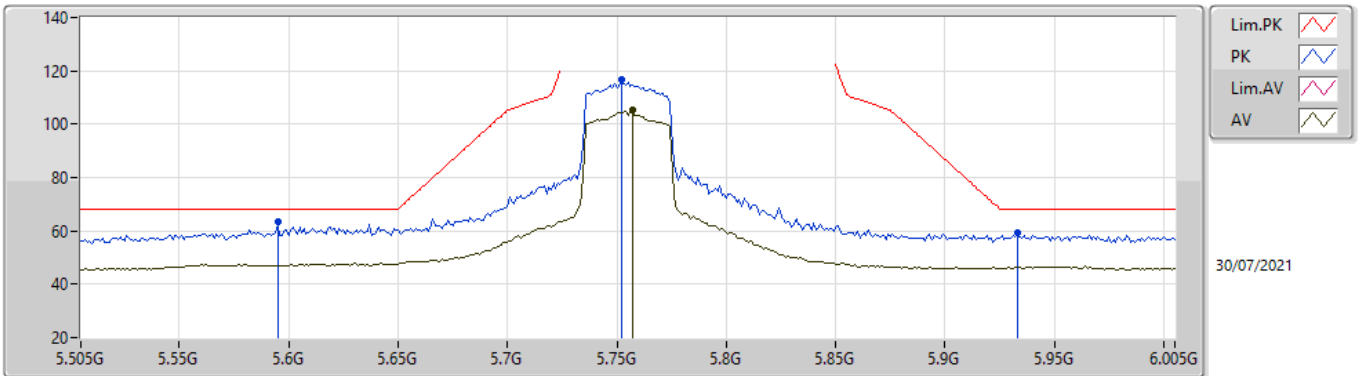


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.33782G    | 51.18             | 74.00             | -22.82         | 38.11         | 3           | Horizontal | 358            | 2.02          | -       | 38.74      | 7.57       | 33.24      |
| AV   | 11.34276G    | 38.25             | 54.00             | -15.75         | 25.18         | 3           | Horizontal | 358            | 2.02          | -       | 38.74      | 7.57       | 33.24      |

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

## 5755MHz\_TnomVnom

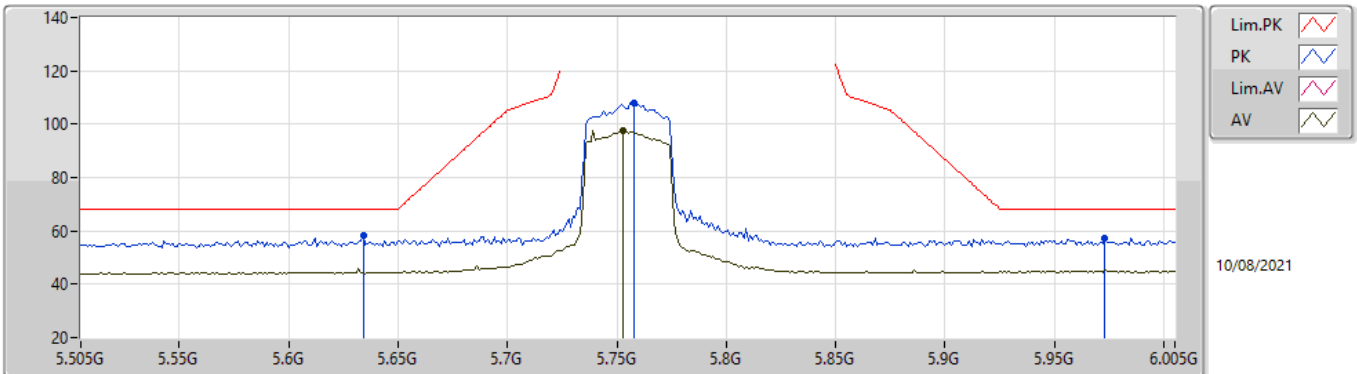


EUT\_Z\_2TX  
Setting 27  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.595G       | 63.22             | 68.20             | -4.98          | 56.26         | 3           | Vertical  | 241.1          | 2.12          | -       | 33.90      | 5.20       | 32.14      |  |
| PK   | 5.752G       | 116.76            | Inf               | -Inf           | 110.06        | 3           | Vertical  | 241.1          | 2.12          | -       | 33.80      | 5.05       | 32.15      |  |
| AV   | 5.757G       | 105.42            | Inf               | -Inf           | 98.74         | 3           | Vertical  | 241.1          | 2.12          | -       | 33.79      | 5.04       | 32.15      |  |
| PK   | 5.933G       | 59.18             | 68.20             | -9.02          | 51.87         | 3           | Vertical  | 241.1          | 2.12          | -       | 34.07      | 5.40       | 32.16      |  |

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

## 5755MHz\_TnomVnom

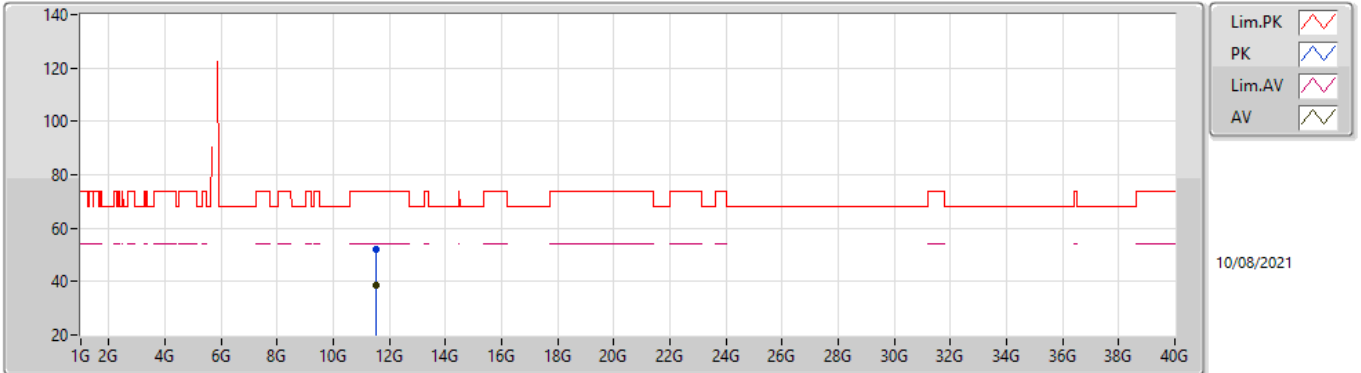


EUT\_Z\_2TX  
Setting 27  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.758G       | 108.04            | Inf               | -Inf           | 101.37        | 3           | Horizontal | 17             | 2.91          | -       | 33.78      | 5.04       | 32.15      |
| AV   | 5.753G       | 97.54             | Inf               | -Inf           | 90.85         | 3           | Horizontal | 17             | 2.91          | -       | 33.79      | 5.05       | 32.15      |
| PK   | 5.973G       | 57.41             | 68.20             | -10.79         | 49.95         | 3           | Horizontal | 17             | 2.91          | -       | 34.10      | 5.52       | 32.16      |
| PK   | 5.634G       | 58.14             | 68.20             | -10.06         | 51.28         | 3           | Horizontal | 17             | 2.91          | -       | 33.83      | 5.17       | 32.14      |

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

## 5755MHz\_TnomVnom

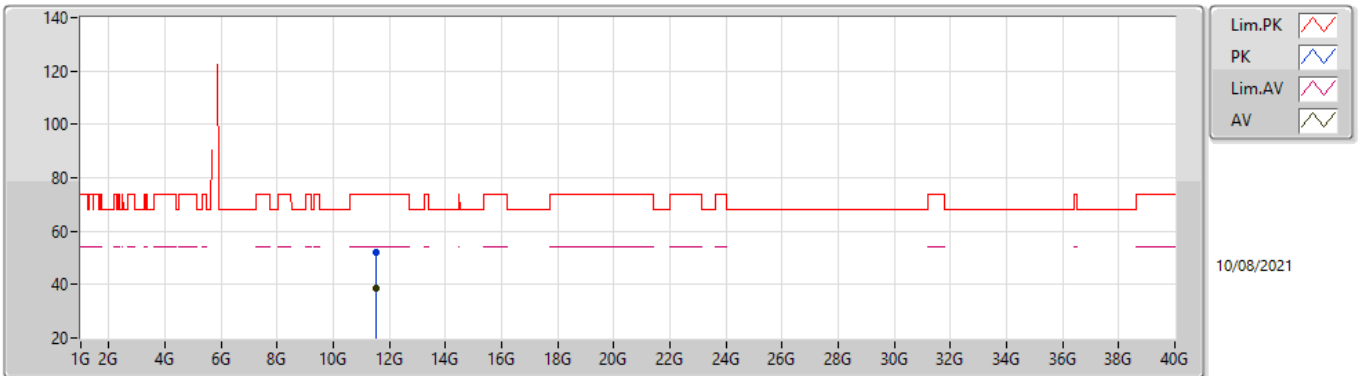


EUT\_Z\_2TX  
Setting27  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.51258G    | 52.01             | 74.00             | -21.99         | 38.56         | 3           | Vertical  | 319            | 1.61          | -       | 39.04      | 7.63       | 33.22      |
| AV   | 11.5074G     | 38.83             | 54.00             | -15.17         | 25.40         | 3           | Vertical  | 319            | 1.61          | -       | 39.02      | 7.63       | 33.22      |

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

## 5755MHz\_TnomVnom

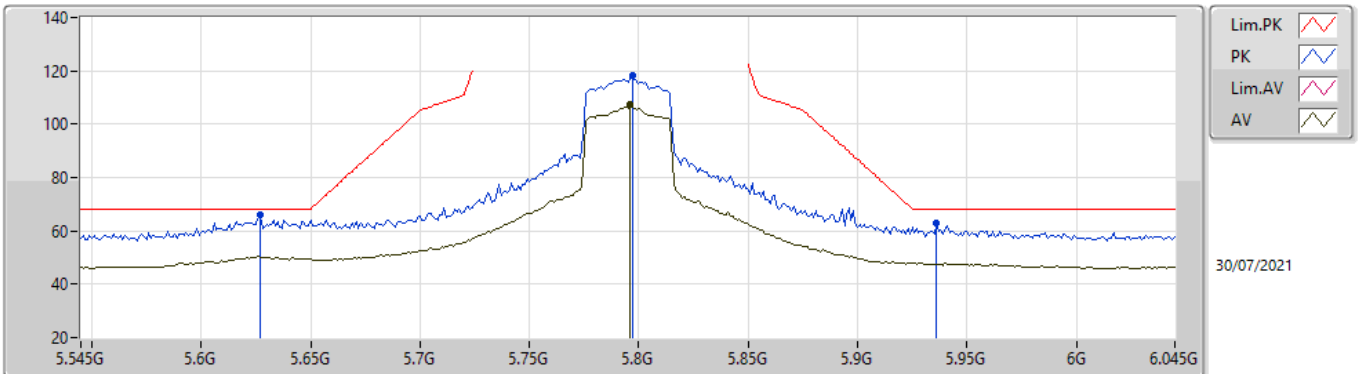


EUT\_Z\_2TX  
Setting 27  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 11.51198G    | 52.25             | 74.00             | -21.75         | 38.80         | 3           | Horizontal | 275            | 2.65          | -       | 39.04      | 7.63       | 33.22      |  |
| AV   | 11.50754G    | 38.77             | 54.00             | -15.23         | 25.34         | 3           | Horizontal | 275            | 2.65          | -       | 39.02      | 7.63       | 33.22      |  |

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

## 5795MHz\_TnomVnom

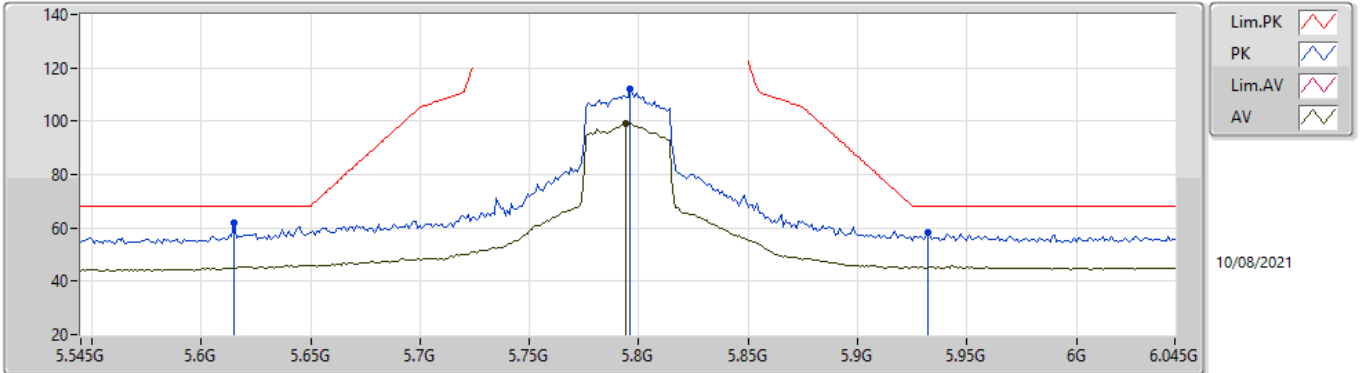


EUT\_Z\_2TX  
Setting 28  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.627G       | 66.15             | 68.20             | -2.05          | 59.27         | 3           | Vertical  | 56             | 1.45          | -       | 33.85      | 5.17       | 32.14      |  |
| PK   | 5.797G       | 118.23            | Inf               | -Inf           | 111.67        | 3           | Vertical  | 56             | 1.45          | -       | 33.71      | 5.00       | 32.15      |  |
| AV   | 5.796G       | 107.41            | Inf               | -Inf           | 100.85        | 3           | Vertical  | 56             | 1.45          | -       | 33.71      | 5.00       | 32.15      |  |
| PK   | 5.936G       | 62.93             | 68.20             | -5.27          | 55.61         | 3           | Vertical  | 56             | 1.45          | -       | 34.07      | 5.41       | 32.16      |  |

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

## 5795MHz\_TnomVnom

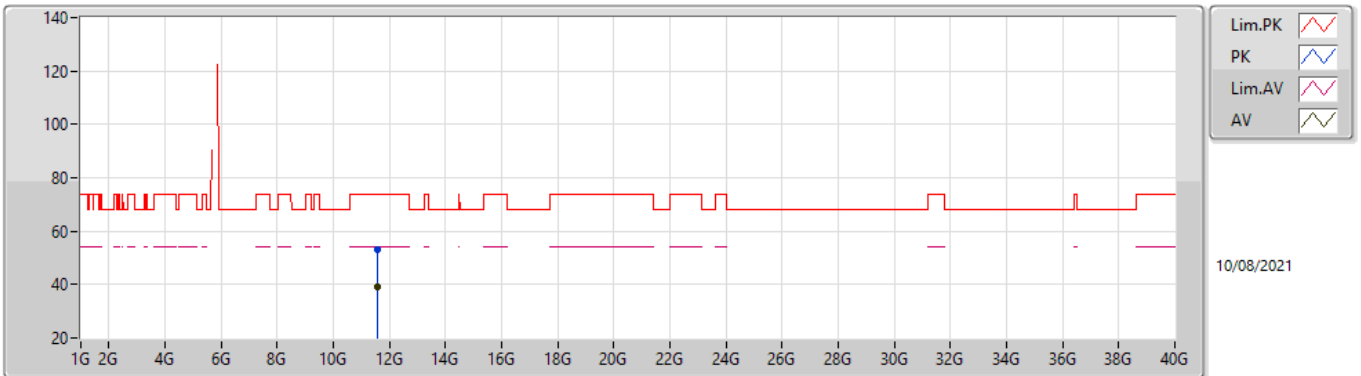


EUT\_Z\_2TX  
Setting 28  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.615G       | 61.82             | 68.20             | -6.38          | 54.90         | 3           | Horizontal | 12             | 2.86          | -       | 33.87      | 5.19       | 32.14      |  |
| PK   | 5.796G       | 112.08            | Inf               | -Inf           | 105.52        | 3           | Horizontal | 12             | 2.86          | -       | 33.71      | 5.00       | 32.15      |  |
| AV   | 5.794G       | 99.15             | Inf               | -Inf           | 92.58         | 3           | Horizontal | 12             | 2.86          | -       | 33.71      | 5.01       | 32.15      |  |
| PK   | 5.932G       | 58.12             | 68.20             | -10.08         | 50.82         | 3           | Horizontal | 12             | 2.86          | -       | 34.06      | 5.40       | 32.16      |  |

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

## 5795MHz\_TnomVnom

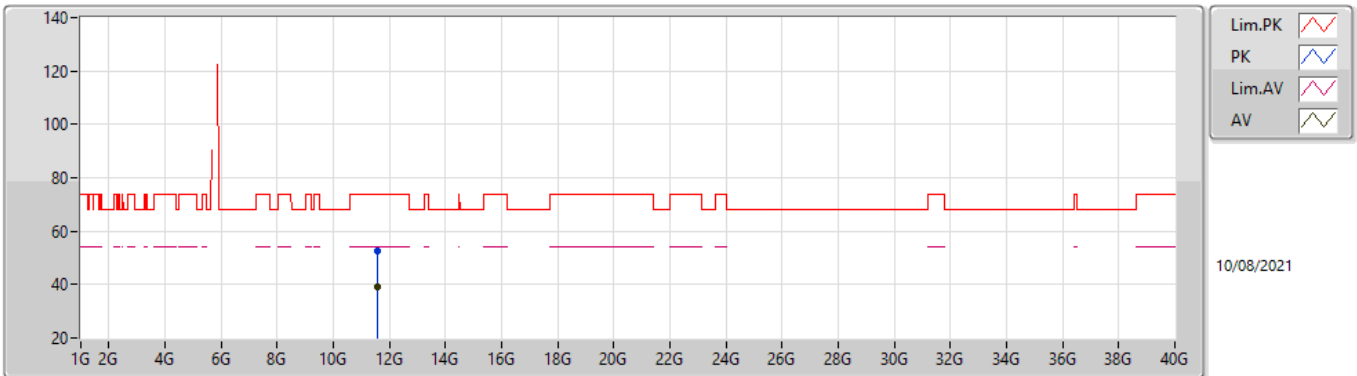


EUT\_Z\_2TX  
Setting 28  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.589G      | 52.97             | 74.00             | -21.03         | 39.28         | 3           | Vertical  | 262            | 1.23          | -       | 39.27      | 7.66       | 33.24      |
| AV   | 11.59382G    | 39.16             | 54.00             | -14.84         | 25.46         | 3           | Vertical  | 262            | 1.23          | -       | 39.28      | 7.66       | 33.24      |

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

## 5795MHz\_TnomVnom

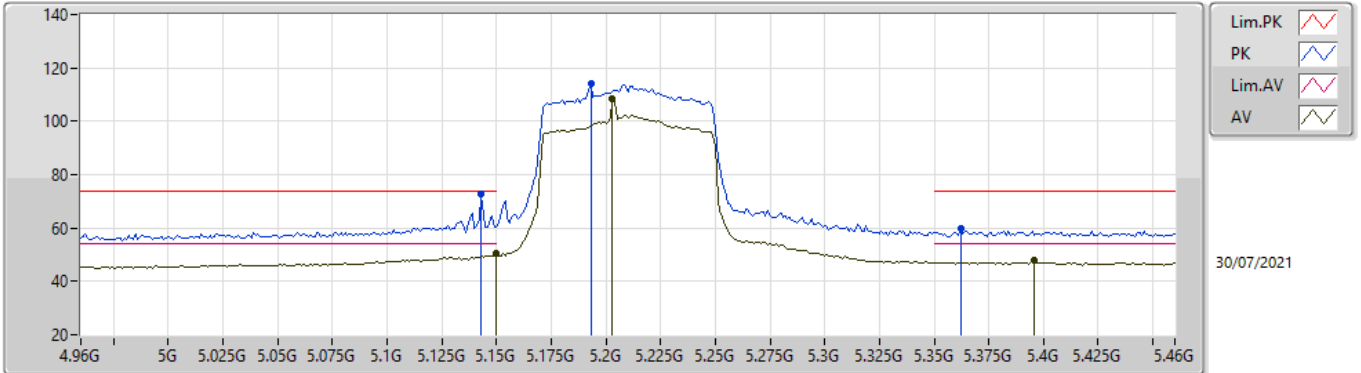


EUT\_Z\_2TX  
Setting 28  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.585G      | 52.59             | 74.00             | -21.41         | 38.93         | 3           | Horizontal | 238            | 1.10          | -       | 39.25      | 7.65       | 33.24      |
| AV   | 11.5851G     | 39.16             | 54.00             | -14.84         | 25.49         | 3           | Horizontal | 238            | 1.10          | -       | 39.26      | 7.65       | 33.24      |

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

## 5210MHz\_TnomVnom

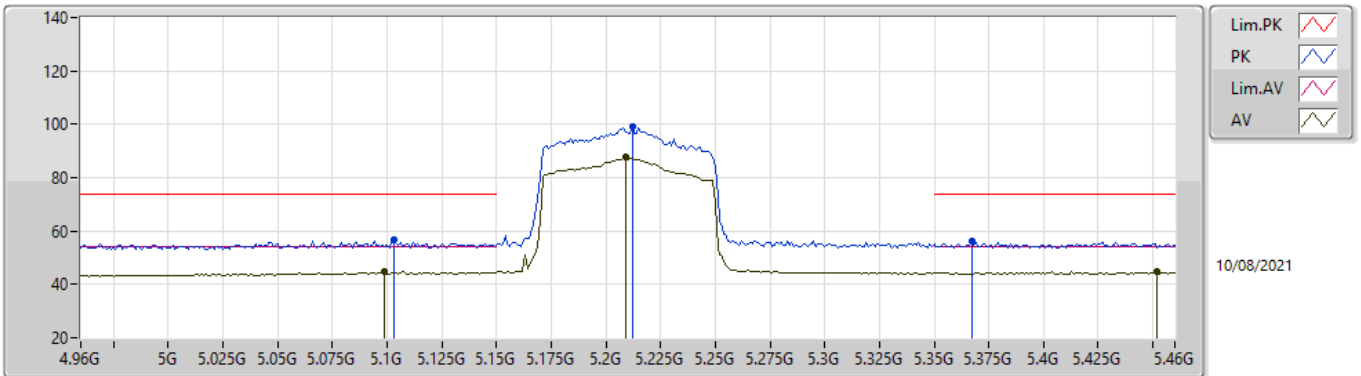


EUT\_Z\_2TX  
Setting 25  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.143G       | 72.80             | 74.00             | -1.20          | 66.46         | 3           | Vertical  | 46             | 1.80          | -       | 33.50      | 4.99       | 32.15      |
| AV   | 5.15G        | 50.27             | 54.00             | -3.73          | 43.92         | 3           | Vertical  | 46             | 1.80          | -       | 33.50      | 5.00       | 32.15      |
| PK   | 5.193G       | 114.08            | Inf               | -Inf           | 107.64        | 3           | Vertical  | 46             | 1.80          | -       | 33.50      | 5.09       | 32.15      |
| AV   | 5.203G       | 108.36            | Inf               | -Inf           | 101.90        | 3           | Vertical  | 46             | 1.80          | -       | 33.51      | 5.10       | 32.15      |
| PK   | 5.362G       | 59.76             | 74.00             | -14.24         | 53.16         | 3           | Vertical  | 46             | 1.80          | -       | 33.72      | 5.02       | 32.14      |
| AV   | 5.396G       | 48.02             | 54.00             | -5.98          | 41.37         | 3           | Vertical  | 46             | 1.80          | -       | 33.79      | 5.00       | 32.14      |

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

## 5210MHz\_TnomVnom

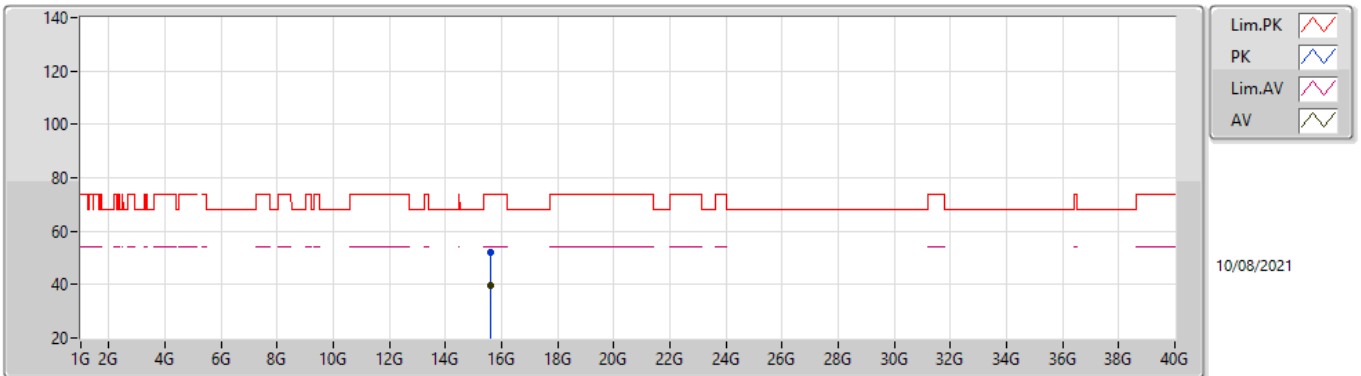


EUT\_Z\_2TX  
Setting 25  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.103G       | 56.75             | 74.00             | -17.25         | 50.49         | 3           | Horizontal | 317            | 1.80          | -       | 33.50      | 4.91       | 32.15      |
| AV   | 5.099G       | 44.66             | 54.00             | -9.34          | 38.41         | 3           | Horizontal | 317            | 1.80          | -       | 33.50      | 4.90       | 32.15      |
| PK   | 5.212G       | 99.17             | Inf               | -Inf           | 92.71         | 3           | Horizontal | 317            | 1.80          | -       | 33.52      | 5.09       | 32.15      |
| AV   | 5.209G       | 87.56             | Inf               | -Inf           | 81.09         | 3           | Horizontal | 317            | 1.80          | -       | 33.52      | 5.10       | 32.15      |
| PK   | 5.367G       | 56.08             | 74.00             | -17.92         | 49.47         | 3           | Horizontal | 317            | 1.80          | -       | 33.73      | 5.02       | 32.14      |
| AV   | 5.452G       | 44.76             | 54.00             | -9.24          | 37.94         | 3           | Horizontal | 317            | 1.80          | -       | 33.90      | 5.05       | 32.13      |

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

## 5210MHz\_TnomVnom

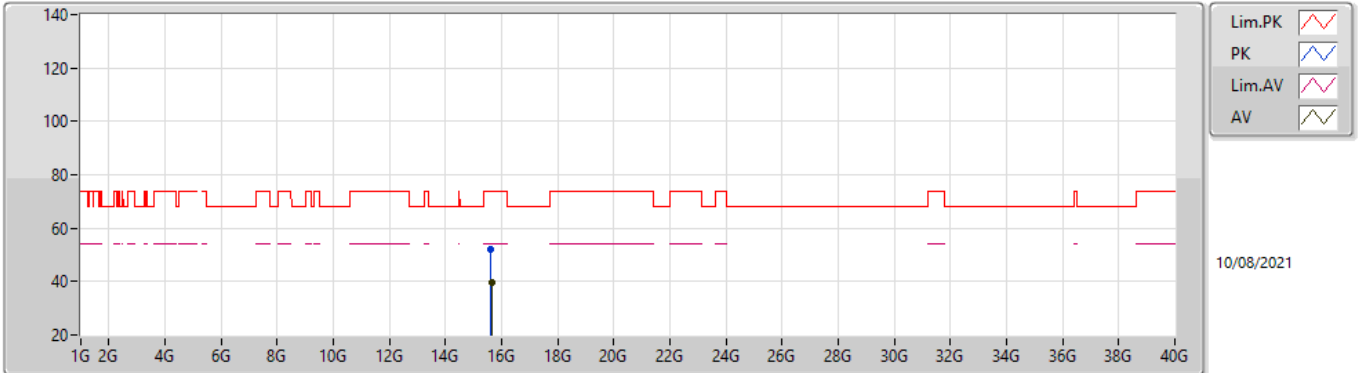


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition | Azimuth | Height | Comment | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |           | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |
| PK   | 15.62688G | 52.00    | 74.00    | -22.00 | 38.68  | 3    | Vertical  | 194     | 1.39   | -       | 37.55 | 9.07 | 33.30 |
| AV   | 15.62504G | 39.62    | 54.00    | -14.38 | 26.30  | 3    | Vertical  | 194     | 1.39   | -       | 37.55 | 9.07 | 33.30 |

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

### 5210MHz\_TnomVnom

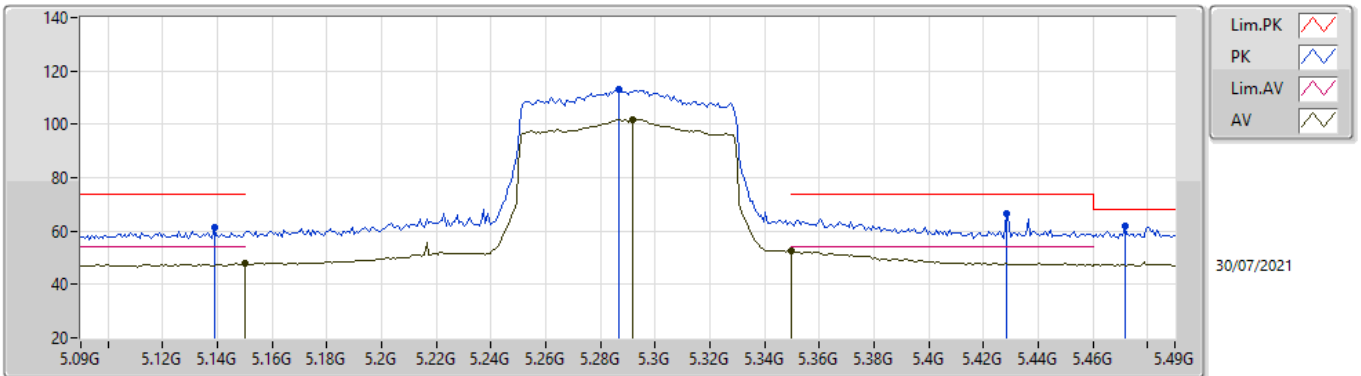


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 15.62876G    | 52.20             | 74.00             | -21.80         | 38.89         | 3           | Horizontal | 355            | 1.88          | -       | 37.54      | 9.07       | 33.30      |
| AV   | 15.63136G    | 39.50             | 54.00             | -14.50         | 26.20         | 3           | Horizontal | 355            | 1.88          | -       | 37.54      | 9.07       | 33.31      |

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

## 5290MHz\_TnomVnom

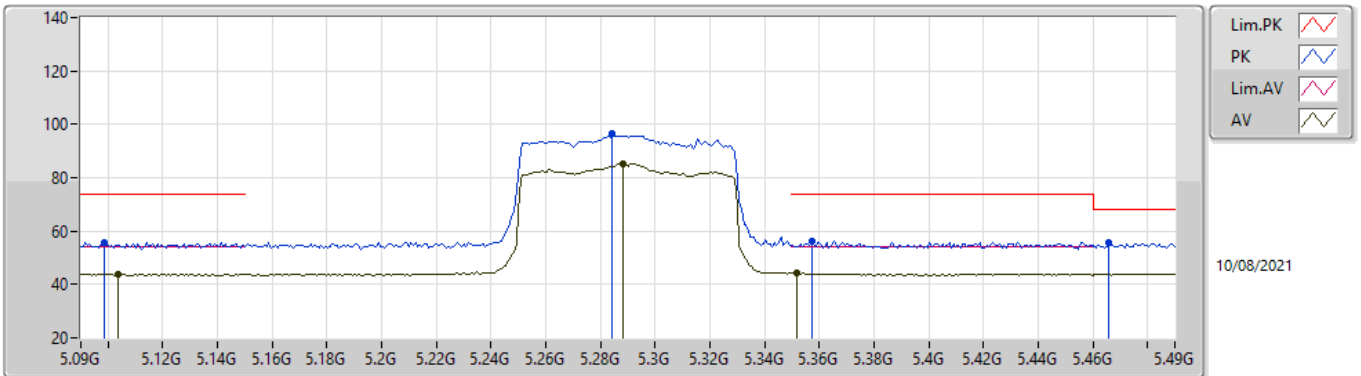


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1388G      | 61.46             | 74.00             | -12.54         | 56.31         | 3           | Vertical  | 93             | 1.81          | -       | 34.06      | 6.43       | 35.34      |
| AV   | 5.15G        | 47.74             | 54.00             | -6.26          | 42.55         | 3           | Vertical  | 93             | 1.81          | -       | 34.10      | 6.43       | 35.34      |
| PK   | 5.2868G      | 112.87            | Inf               | -Inf           | 107.42        | 3           | Vertical  | 93             | 1.81          | -       | 34.35      | 6.44       | 35.34      |
| AV   | 5.2916G      | 101.87            | Inf               | -Inf           | 96.39         | 3           | Vertical  | 93             | 1.81          | -       | 34.37      | 6.45       | 35.34      |
| AV   | 5.35G        | 52.33             | 54.00             | -1.67          | 46.59         | 3           | Vertical  | 93             | 1.81          | -       | 34.60      | 6.48       | 35.34      |
| PK   | 5.4284G      | 66.56             | 74.00             | -7.44          | 60.76         | 3           | Vertical  | 93             | 1.81          | -       | 34.61      | 6.54       | 35.35      |
| PK   | 5.4716G      | 61.89             | 68.20             | -6.31          | 55.97         | 3           | Vertical  | 93             | 1.81          | -       | 34.66      | 6.61       | 35.35      |

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

## 5290MHz\_TnomVnom

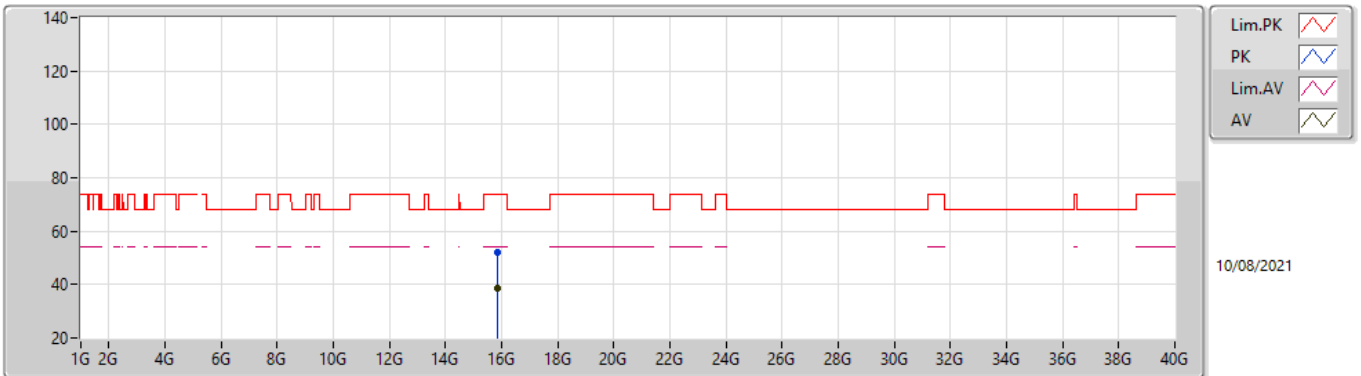


EUT\_Z\_2TX  
Setting 25  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.0988G      | 55.89             | 74.00             | -18.11         | 49.64         | 3           | Horizontal | 322            | 2.01          | -       | 33.50      | 4.90       | 32.15      |
| AV   | 5.1036G      | 43.86             | 54.00             | -10.14         | 37.60         | 3           | Horizontal | 322            | 2.01          | -       | 33.50      | 4.91       | 32.15      |
| PK   | 5.2844G      | 96.34             | Inf               | -Inf           | 89.75         | 3           | Horizontal | 322            | 2.01          | -       | 33.67      | 5.06       | 32.14      |
| AV   | 5.2884G      | 85.42             | Inf               | -Inf           | 78.82         | 3           | Horizontal | 322            | 2.01          | -       | 33.68      | 5.06       | 32.14      |
| PK   | 5.3572G      | 56.04             | 74.00             | -17.96         | 49.45         | 3           | Horizontal | 322            | 2.01          | -       | 33.71      | 5.02       | 32.14      |
| AV   | 5.3516G      | 44.23             | 54.00             | -9.77          | 37.65         | 3           | Horizontal | 322            | 2.01          | -       | 33.70      | 5.02       | 32.14      |
| PK   | 5.466G       | 55.69             | 68.20             | -12.51         | 48.85         | 3           | Horizontal | 322            | 2.01          | -       | 33.90      | 5.07       | 32.13      |

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

## 5290MHz\_TnomVnom

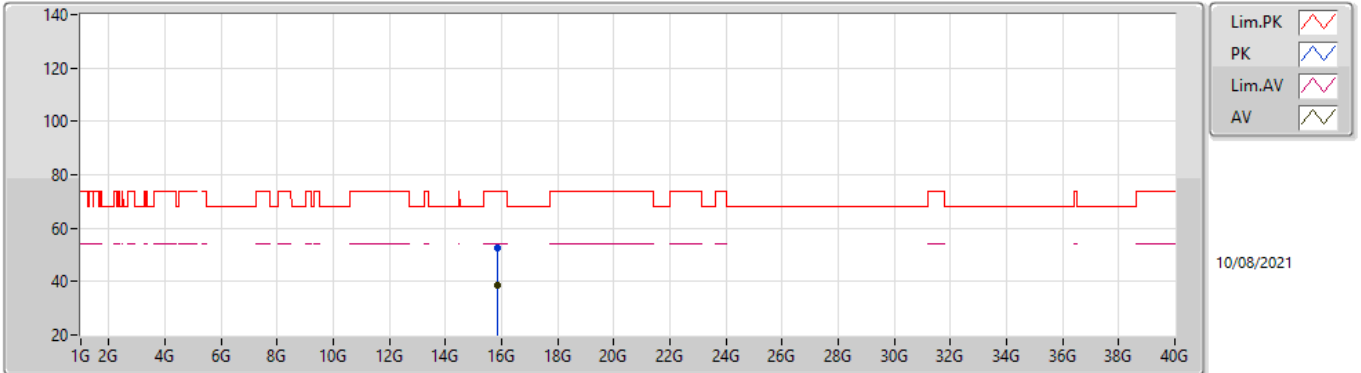


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.87232G    | 52.16             | 74.00             | -21.84         | 39.12         | 3           | Vertical  | 207            | 2.74          | -       | 37.47      | 9.16       | 33.59      |  |
| AV   | 15.86734G    | 38.74             | 54.00             | -15.26         | 25.70         | 3           | Vertical  | 207            | 2.74          | -       | 37.47      | 9.15       | 33.58      |  |

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

## 5290MHz\_TnomVnom

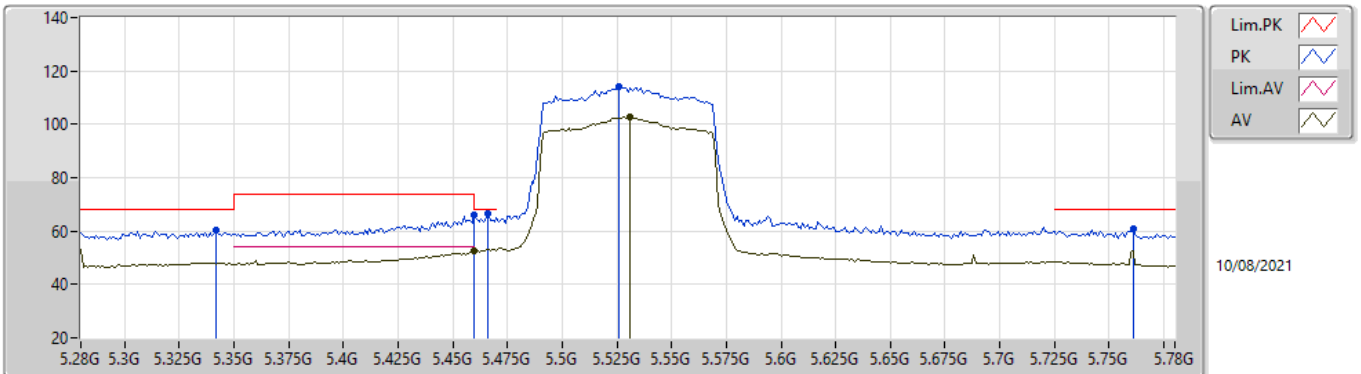


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 15.87104G    | 52.67             | 74.00             | -21.33         | 39.64         | 3           | Horizontal | 289            | 2.29          | -       | 37.47      | 9.15       | 33.59      |  |
| AV   | 15.86586G    | 38.71             | 54.00             | -15.29         | 25.67         | 3           | Horizontal | 289            | 2.29          | -       | 37.47      | 9.15       | 33.58      |  |

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

## 5530MHz\_TnomVnom

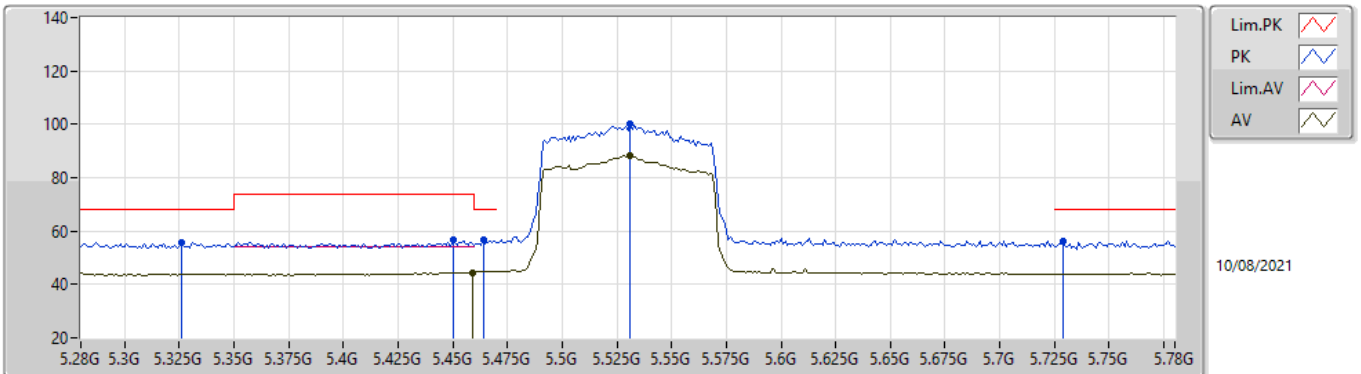


EUT\_Z\_2TX  
Setting 25  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.342G       | 60.09             | 68.20             | -8.11          | 54.39         | 3           | Vertical  | 114.2          | 1.80          | -       | 34.57      | 6.47       | 35.34      |
| PK   | 5.46G        | 66.12             | 74.00             | -7.88          | 60.20         | 3           | Vertical  | 114.2          | 1.80          | -       | 34.68      | 6.59       | 35.35      |
| AV   | 5.46G        | 52.44             | 54.00             | -1.56          | 46.52         | 3           | Vertical  | 114.2          | 1.80          | -       | 34.68      | 6.59       | 35.35      |
| PK   | 5.466G       | 66.62             | 68.20             | -1.58          | 60.70         | 3           | Vertical  | 114.2          | 1.80          | -       | 34.67      | 6.60       | 35.35      |
| PK   | 5.526G       | 113.91            | Inf               | -Inf           | 107.98        | 3           | Vertical  | 114.2          | 1.80          | -       | 34.60      | 6.69       | 35.36      |
| AV   | 5.531G       | 102.66            | Inf               | -Inf           | 96.73         | 3           | Vertical  | 114.2          | 1.80          | -       | 34.60      | 6.70       | 35.37      |
| PK   | 5.761G       | 61.02             | 68.20             | -7.18          | 55.22         | 3           | Vertical  | 114.2          | 1.80          | -       | 34.40      | 6.88       | 35.48      |

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

## 5530MHz\_TnomVnom

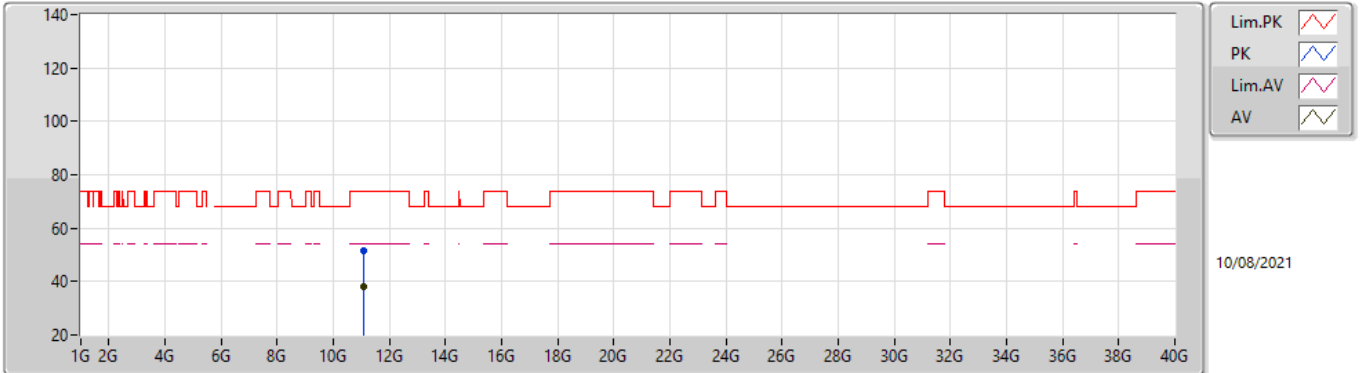


EUT\_Z\_2TX  
Setting 25  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.326G       | 55.80             | 68.20             | -12.40         | 49.20         | 3           | Horizontal | 250            | 1.80          | -       | 33.70      | 5.04       | 32.14      |
| PK   | 5.45G        | 56.60             | 74.00             | -17.40         | 49.78         | 3           | Horizontal | 250            | 1.80          | -       | 33.90      | 5.05       | 32.13      |
| PK   | 5.464G       | 56.72             | 68.20             | -11.48         | 49.89         | 3           | Horizontal | 250            | 1.80          | -       | 33.90      | 5.06       | 32.13      |
| AV   | 5.459G       | 44.53             | 54.00             | -9.47          | 37.70         | 3           | Horizontal | 250            | 1.80          | -       | 33.90      | 5.06       | 32.13      |
| PK   | 5.531G       | 100.13            | Inf               | -Inf           | 93.23         | 3           | Horizontal | 250            | 1.80          | -       | 33.90      | 5.13       | 32.13      |
| AV   | 5.531G       | 88.32             | Inf               | -Inf           | 81.42         | 3           | Horizontal | 250            | 1.80          | -       | 33.90      | 5.13       | 32.13      |
| PK   | 5.729G       | 56.31             | 68.20             | -11.89         | 49.62         | 3           | Horizontal | 250            | 1.80          | -       | 33.76      | 5.07       | 32.14      |

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

## 5530MHz\_TnomVnom

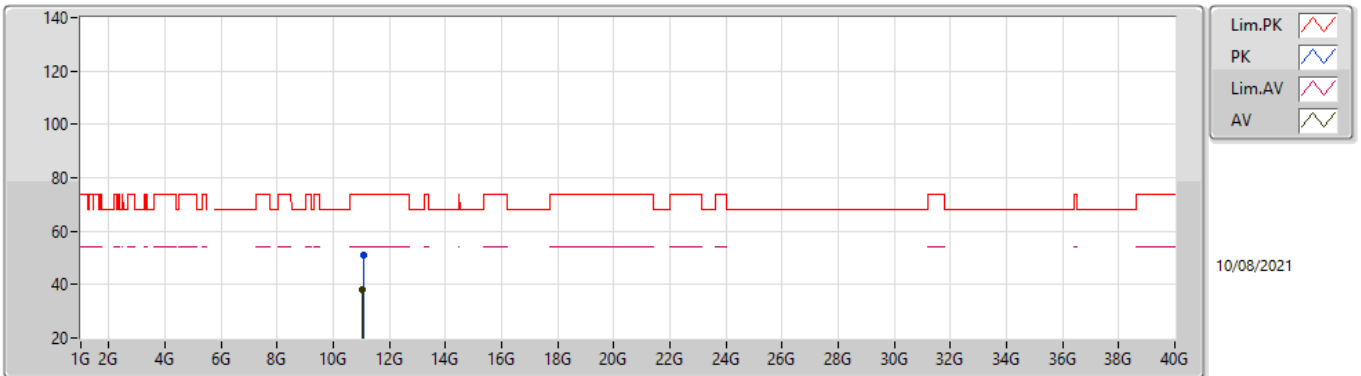


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.06454G    | 51.42             | 74.00             | -22.58         | 38.65         | 3           | Vertical  | 86             | 2.74          | -       | 38.56      | 7.47       | 33.26      |
| AV   | 11.05862G    | 38.20             | 54.00             | -15.80         | 25.43         | 3           | Vertical  | 86             | 2.74          | -       | 38.56      | 7.47       | 33.26      |

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

## 5530MHz\_TnomVnom

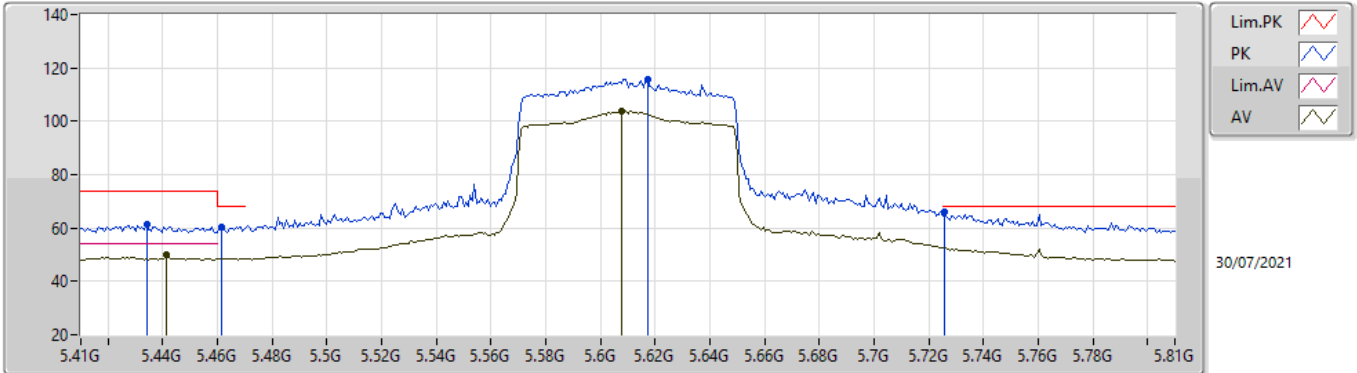


EUT\_Z\_2TX  
Setting 25  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.06402G    | 51.16             | 74.00             | -22.84         | 38.39         | 3           | Horizontal | 308            | 2.09          | -       | 38.56      | 7.47       | 33.26      |
| AV   | 11.05512G    | 38.26             | 54.00             | -15.74         | 25.49         | 3           | Horizontal | 308            | 2.09          | -       | 38.56      | 7.47       | 33.26      |

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

## 5610MHz\_TnomVnom

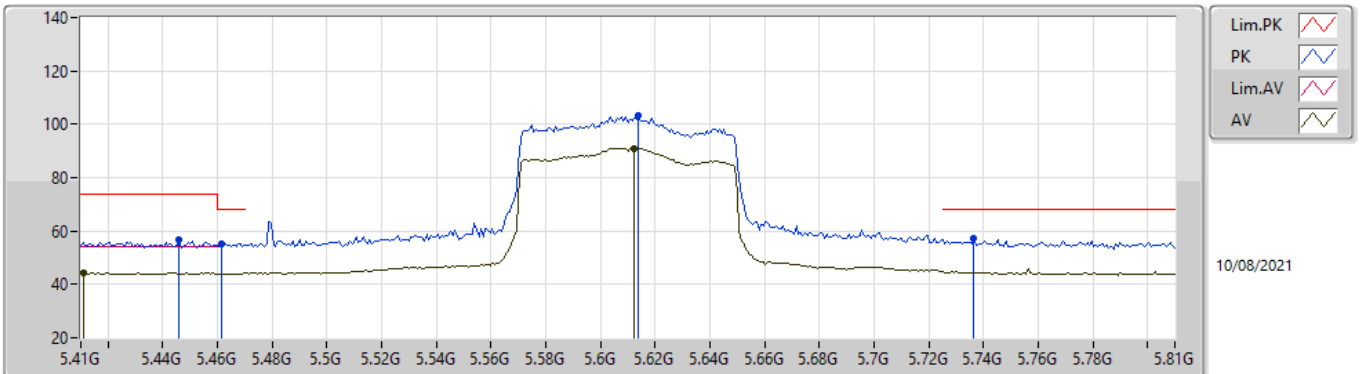


EUT\_Z\_2TX  
Setting 26  
03-C-K-5-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.434G       | 61.35             | 74.00             | -12.65         | 55.51         | 3           | Vertical  | 72             | 1.52          | -       | 34.64      | 6.55       | 35.35      |
| AV   | 5.4412G      | 49.99             | 54.00             | -4.01          | 44.12         | 3           | Vertical  | 72             | 1.52          | -       | 34.66      | 6.56       | 35.35      |
| PK   | 5.4612G      | 60.55             | 68.20             | -7.65          | 54.63         | 3           | Vertical  | 72             | 1.52          | -       | 34.68      | 6.59       | 35.35      |
| PK   | 5.6172G      | 115.83            | Inf               | -Inf           | 110.03        | 3           | Vertical  | 72             | 1.52          | -       | 34.40      | 6.81       | 35.41      |
| AV   | 5.6076G      | 103.76            | Inf               | -Inf           | 97.96         | 3           | Vertical  | 72             | 1.52          | -       | 34.40      | 6.80       | 35.40      |
| PK   | 5.726G       | 66.16             | 68.20             | -2.04          | 60.36         | 3           | Vertical  | 72             | 1.52          | -       | 34.40      | 6.86       | 35.46      |

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

## 5610MHz\_TnomVnom

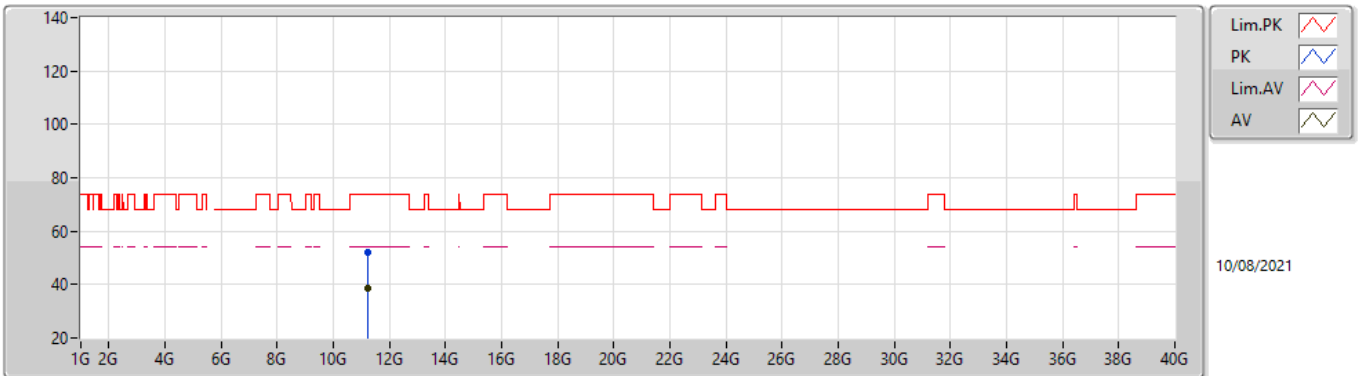


EUT\_Z\_2TX  
Setting 26  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.446G       | 56.88             | 74.00             | -17.12         | 50.07         | 3           | Horizontal | 245            | 3.00          | -       | 33.89      | 5.05       | 32.13      |
| AV   | 5.4108G      | 44.21             | 54.00             | -9.79          | 37.52         | 3           | Horizontal | 245            | 3.00          | -       | 33.82      | 5.01       | 32.14      |
| PK   | 5.4612G      | 55.29             | 68.20             | -12.91         | 48.46         | 3           | Horizontal | 245            | 3.00          | -       | 33.90      | 5.06       | 32.13      |
| PK   | 5.614G       | 103.06            | Inf               | -Inf           | 96.14         | 3           | Horizontal | 245            | 3.00          | -       | 33.87      | 5.19       | 32.14      |
| AV   | 5.6124G      | 91.09             | Inf               | -Inf           | 84.16         | 3           | Horizontal | 245            | 3.00          | -       | 33.88      | 5.19       | 32.14      |
| PK   | 5.7364G      | 57.06             | 68.20             | -11.14         | 50.37         | 3           | Horizontal | 245            | 3.00          | -       | 33.77      | 5.06       | 32.14      |

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

## 5610MHz\_TnomVnom

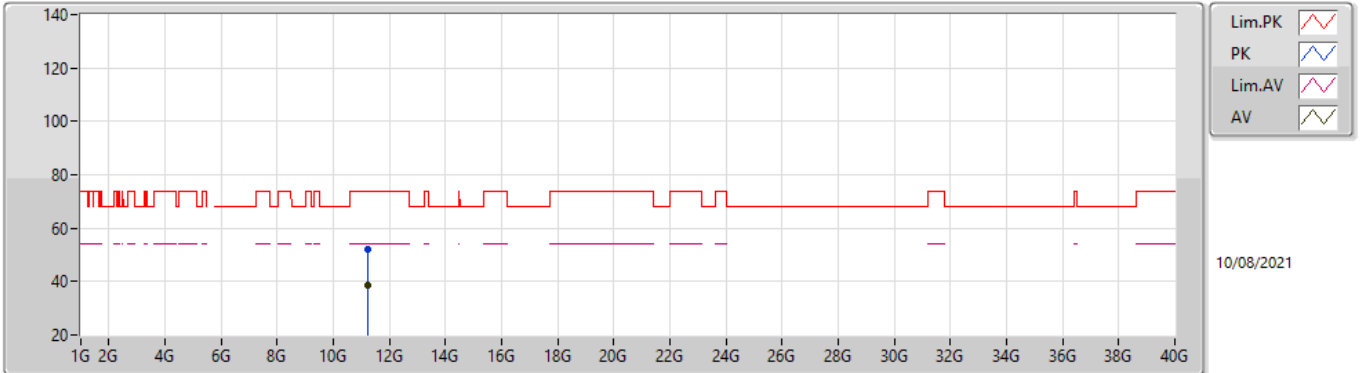


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.22496G    | 51.93             | 74.00             | -22.07         | 38.95         | 3           | Vertical  | 146            | 2.84          | -       | 38.70      | 7.53       | 33.25      |
| AV   | 11.21562G    | 38.66             | 54.00             | -15.34         | 25.68         | 3           | Vertical  | 146            | 2.84          | -       | 38.70      | 7.53       | 33.25      |

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

## 5610MHz\_TnomVnom

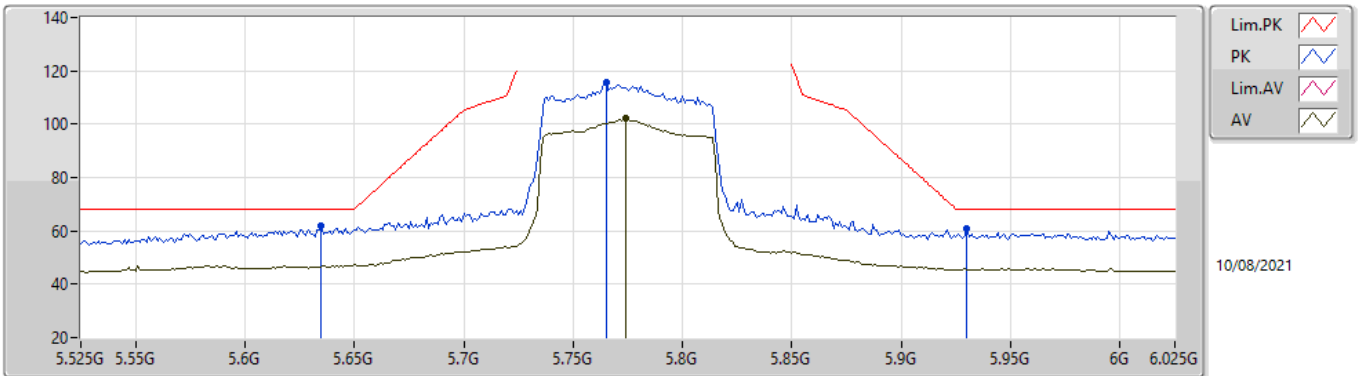


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |
| PK   | 11.2153G  | 52.19    | 74.00    | -21.81 | 39.21  | 3    | Horizontal | 22      | 1.43   | -       | 38.70 | 7.53 | 33.25 |
| AV   | 11.22474G | 38.48    | 54.00    | -15.52 | 25.50  | 3    | Horizontal | 22      | 1.43   | -       | 38.70 | 7.53 | 33.25 |

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

## 5775MHz\_TnomVnom

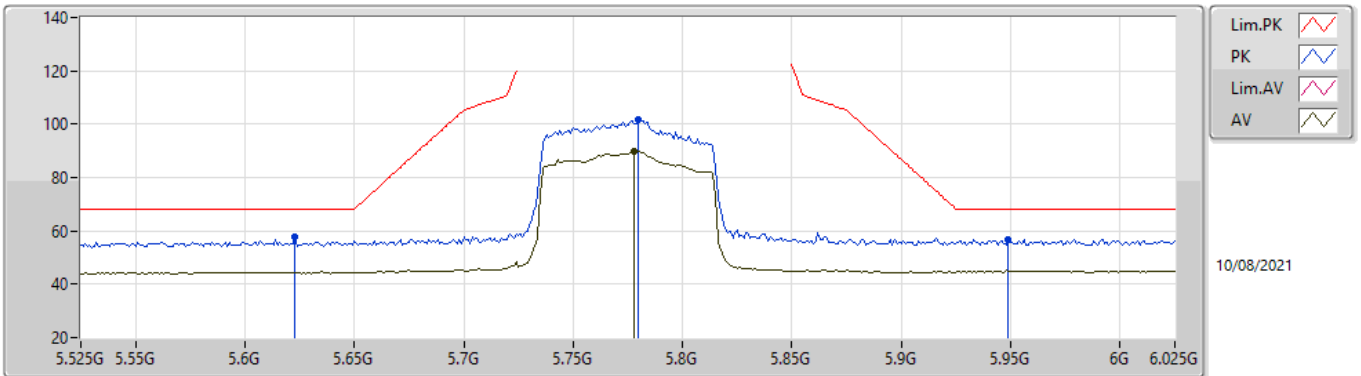


EUT\_Z\_2TX  
Setting 26  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|
| PK   | 5.635G       | 62.08             | 68.20             | -6.12          | 55.22         | 3           | Vertical  | 212.8          | 1.80          | -       | 33.83      | 5.17       | 32.14      |  |
| PK   | 5.765G       | 115.89            | Inf               | -Inf           | 109.23        | 3           | Vertical  | 212.8          | 1.80          | -       | 33.77      | 5.04       | 32.15      |  |
| AV   | 5.774G       | 102.10            | Inf               | -Inf           | 95.47         | 3           | Vertical  | 212.8          | 1.80          | -       | 33.75      | 5.03       | 32.15      |  |
| PK   | 5.93G        | 60.66             | 68.20             | -7.54          | 53.37         | 3           | Vertical  | 212.8          | 1.80          | -       | 34.06      | 5.39       | 32.16      |  |

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

## 5775MHz\_TnomVnom

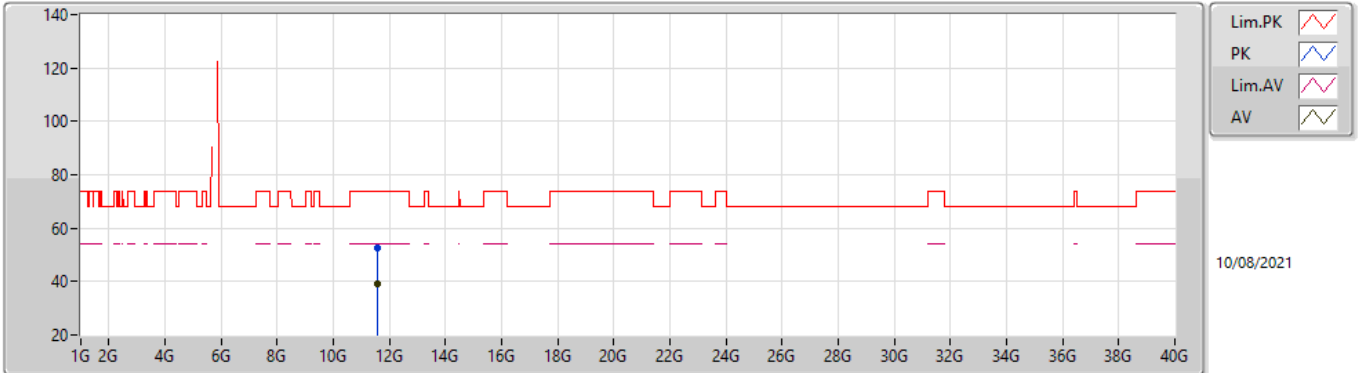


EUT\_Z\_2TX  
Setting 26  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.623G       | 57.85             | 68.20             | -10.35         | 50.96         | 3           | Horizontal | 249            | 2.16          | -       | 33.85      | 5.18       | 32.14      |
| PK   | 5.78G        | 101.84            | Inf               | -Inf           | 95.23         | 3           | Horizontal | 249            | 2.16          | -       | 33.74      | 5.02       | 32.15      |
| AV   | 5.778G       | 89.71             | Inf               | -Inf           | 83.10         | 3           | Horizontal | 249            | 2.16          | -       | 33.74      | 5.02       | 32.15      |
| PK   | 5.949G       | 56.63             | 68.20             | -11.57         | 49.24         | 3           | Horizontal | 249            | 2.16          | -       | 34.10      | 5.45       | 32.16      |

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

## 5775MHz\_TnomVnom

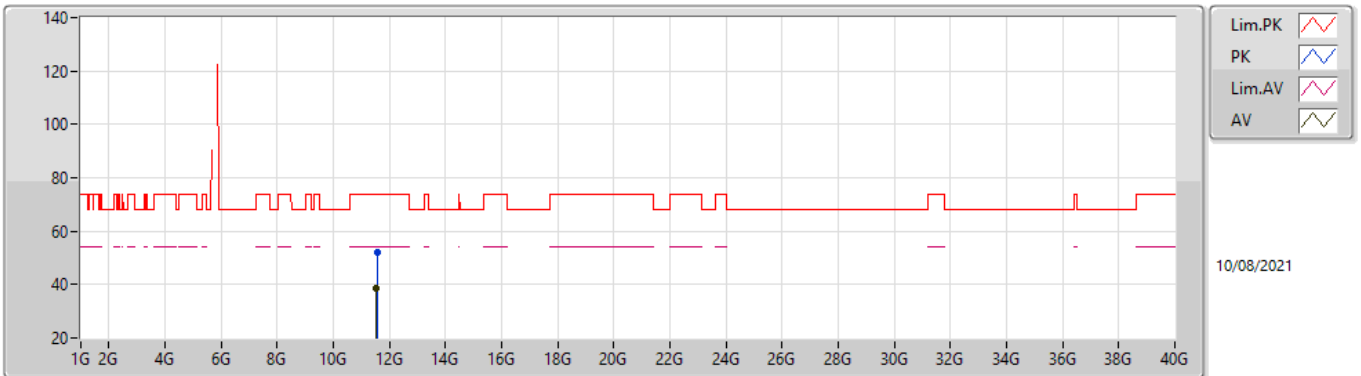


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.55374G    | 52.67             | 74.00             | -21.33         | 39.10         | 3           | Vertical  | 323            | 1.69          | -       | 39.16      | 7.64       | 33.23      |
| AV   | 11.55128G    | 38.91             | 54.00             | -15.09         | 25.35         | 3           | Vertical  | 323            | 1.69          | -       | 39.15      | 7.64       | 33.23      |

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

## 5775MHz\_TnomVnom

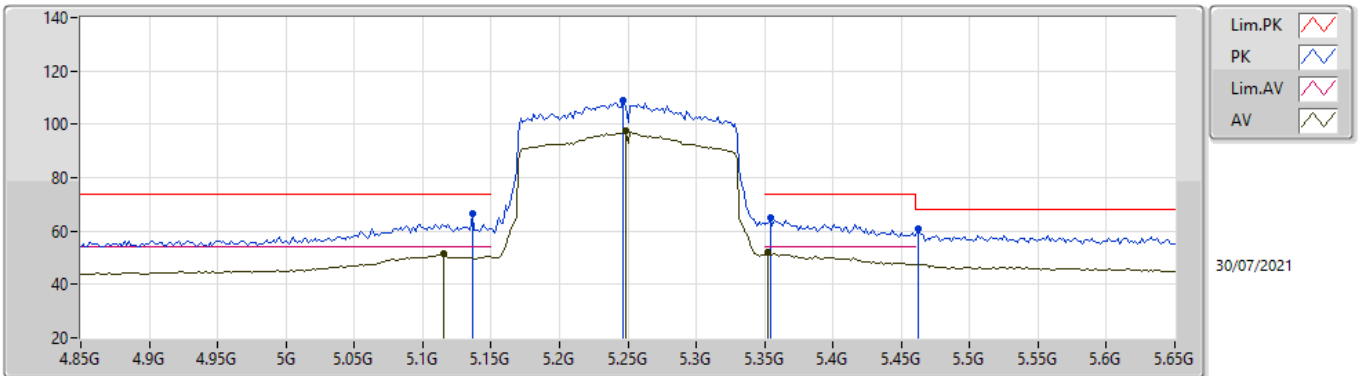


EUT\_Z\_2TX  
Setting 26  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.55434G    | 51.93             | 74.00             | -22.07         | 38.36         | 3           | Horizontal | 348            | 2.59          | -       | 39.16      | 7.64       | 33.23      |
| AV   | 11.54782G    | 38.82             | 54.00             | -15.18         | 25.27         | 3           | Horizontal | 348            | 2.59          | -       | 39.14      | 7.64       | 33.23      |

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

## 5250MHz\_TnomVnom

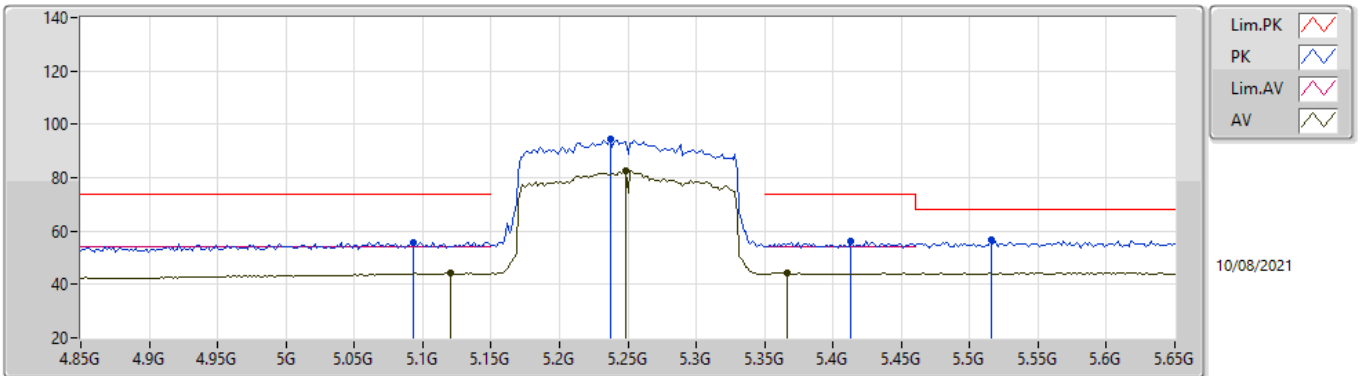


EUT\_Z\_2TX  
Setting 23  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.1364G      | 66.34             | 74.00             | -7.66          | 60.02         | 3           | Vertical  | 225.2          | 1.80          | -       | 33.50      | 4.97       | 32.15      |
| AV   | 5.1156G      | 51.48             | 54.00             | -2.52          | 45.20         | 3           | Vertical  | 225.2          | 1.80          | -       | 33.50      | 4.93       | 32.15      |
| PK   | 5.2468G      | 108.79            | Inf               | -Inf           | 102.27        | 3           | Vertical  | 225.2          | 1.80          | -       | 33.59      | 5.08       | 32.15      |
| AV   | 5.2484G      | 97.70             | Inf               | -Inf           | 91.17         | 3           | Vertical  | 225.2          | 1.80          | -       | 33.60      | 5.08       | 32.15      |
| PK   | 5.354G       | 65.02             | 74.00             | -8.98          | 58.43         | 3           | Vertical  | 225.2          | 1.80          | -       | 33.71      | 5.02       | 32.14      |
| AV   | 5.3524G      | 52.32             | 54.00             | -1.68          | 45.74         | 3           | Vertical  | 225.2          | 1.80          | -       | 33.70      | 5.02       | 32.14      |
| PK   | 5.4628G      | 60.90             | 68.20             | -7.30          | 54.07         | 3           | Vertical  | 225.2          | 1.80          | -       | 33.90      | 5.06       | 32.13      |

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

## 5250MHz\_TnomVnom

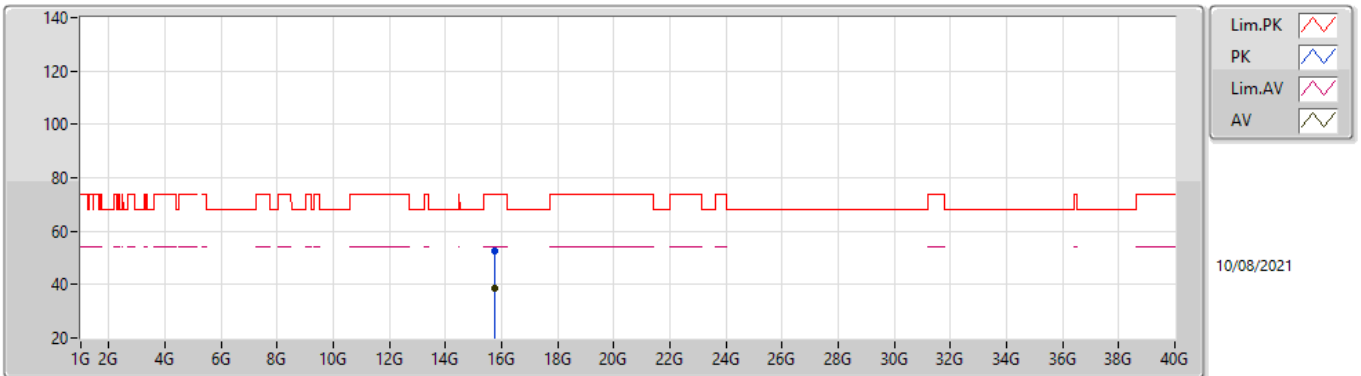


EUT\_Z\_2TX  
Setting 23  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.0932G      | 55.89             | 74.00             | -18.11         | 49.68         | 3           | Horizontal | 335            | 1.80          | -       | 33.47      | 4.89       | 32.15      |
| AV   | 5.1204G      | 44.13             | 54.00             | -9.87          | 37.84         | 3           | Horizontal | 335            | 1.80          | -       | 33.50      | 4.94       | 32.15      |
| PK   | 5.2372G      | 94.33             | Inf               | -Inf           | 87.83         | 3           | Horizontal | 335            | 1.80          | -       | 33.57      | 5.08       | 32.15      |
| AV   | 5.2484G      | 82.57             | Inf               | -Inf           | 76.04         | 3           | Horizontal | 335            | 1.80          | -       | 33.60      | 5.08       | 32.15      |
| PK   | 5.4132G      | 56.35             | 74.00             | -17.65         | 49.65         | 3           | Horizontal | 335            | 1.80          | -       | 33.83      | 5.01       | 32.14      |
| AV   | 5.3668G      | 44.37             | 54.00             | -9.63          | 37.76         | 3           | Horizontal | 335            | 1.80          | -       | 33.73      | 5.02       | 32.14      |
| PK   | 5.5156G      | 56.68             | 68.20             | -11.52         | 49.79         | 3           | Horizontal | 335            | 1.80          | -       | 33.90      | 5.12       | 32.13      |

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

## 5250MHz\_TnomVnom

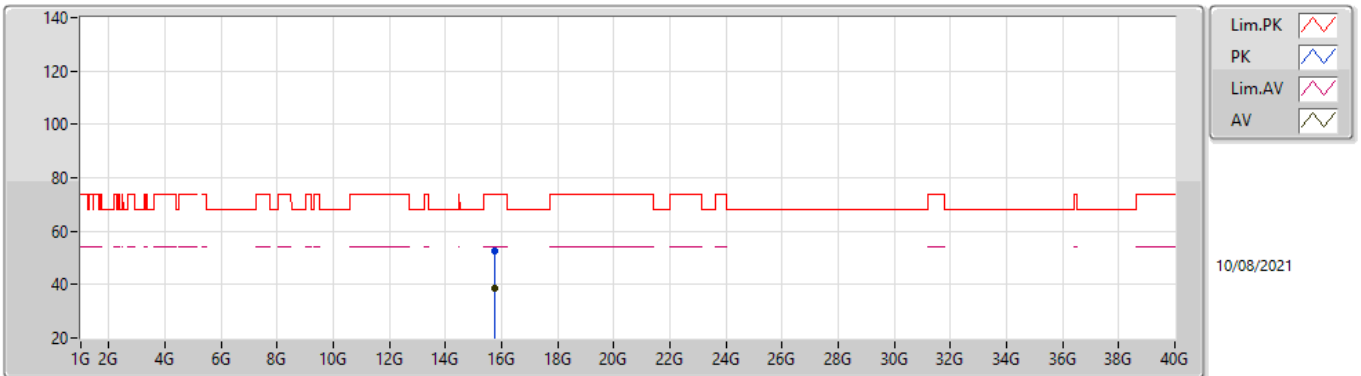


EUT\_Z\_2TX  
Setting 23  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition | Azimuth | Height | Comment | AF    | CL   | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|-------|------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |           | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |
| PK   | 15.75072G | 52.65    | 74.00    | -21.35 | 39.59  | 3    | Vertical  | 254     | 2.53   | -       | 37.40 | 9.11 | 33.45 |
| AV   | 15.75398G | 38.73    | 54.00    | -15.27 | 25.67  | 3    | Vertical  | 254     | 2.53   | -       | 37.40 | 9.11 | 33.45 |

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

## 5250MHz\_TnomVnom

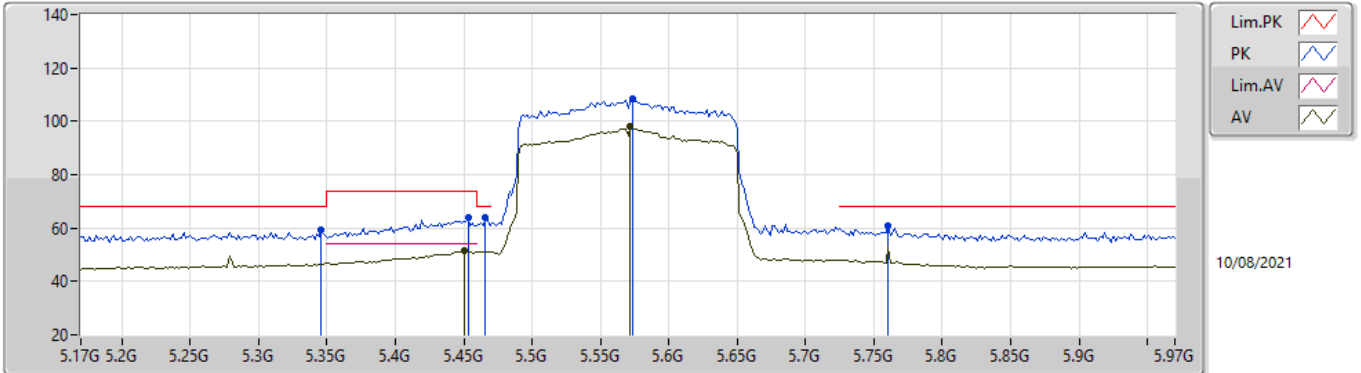


EUT\_Z\_2TX  
Setting 23  
02-B-E-3

| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |  |
| PK   | 15.7461G  | 52.67    | 74.00    | -21.33 | 39.60  | 3    | Horizontal | 270     | 1.00   | -       | 37.40 | 9.11 | 33.44 |  |
| AV   | 15.74854G | 38.86    | 54.00    | -15.14 | 25.79  | 3    | Horizontal | 270     | 1.00   | -       | 37.40 | 9.11 | 33.44 |  |

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

## 5570MHz\_TnomVnom

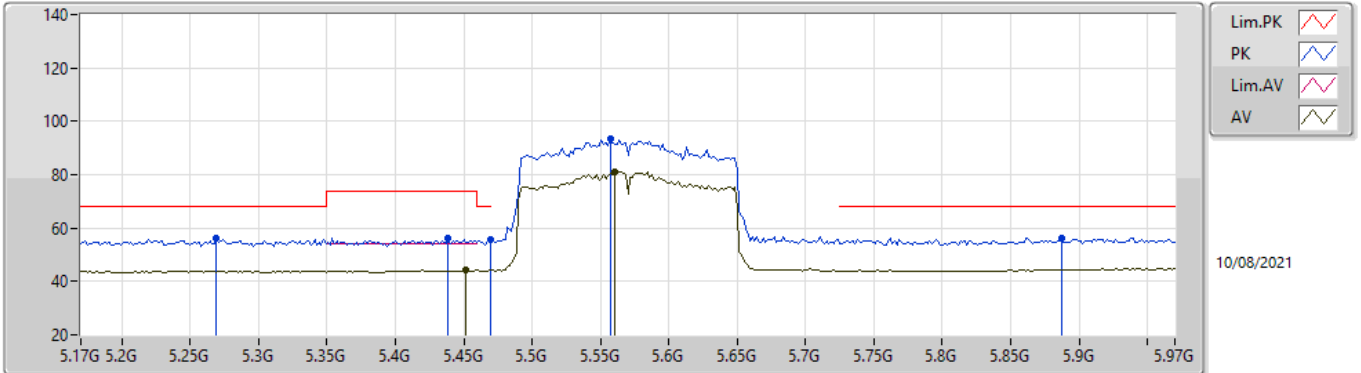


EUT\_Z\_2TX  
Setting 23  
02-A-K-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.346G       | 59.17             | 68.20             | -9.03          | 52.58         | 3           | Vertical  | 72.9           | 1.79          | -       | 33.70      | 5.03       | 32.14      |
| PK   | 5.4532G      | 64.09             | 74.00             | -9.91          | 57.27         | 3           | Vertical  | 72.9           | 1.79          | -       | 33.90      | 5.05       | 32.13      |
| AV   | 5.45G        | 51.66             | 54.00             | -2.34          | 44.84         | 3           | Vertical  | 72.9           | 1.79          | -       | 33.90      | 5.05       | 32.13      |
| PK   | 5.466G       | 63.82             | 68.20             | -4.38          | 56.98         | 3           | Vertical  | 72.9           | 1.79          | -       | 33.90      | 5.07       | 32.13      |
| PK   | 5.5732G      | 108.64            | Inf               | -Inf           | 101.70        | 3           | Vertical  | 72.9           | 1.79          | -       | 33.90      | 5.17       | 32.13      |
| AV   | 5.5716G      | 98.09             | Inf               | -Inf           | 91.15         | 3           | Vertical  | 72.9           | 1.79          | -       | 33.90      | 5.17       | 32.13      |
| PK   | 5.7604G      | 60.80             | 68.20             | -7.40          | 54.13         | 3           | Vertical  | 72.9           | 1.79          | -       | 33.78      | 5.04       | 32.15      |

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

## 5570MHz\_TnomVnom

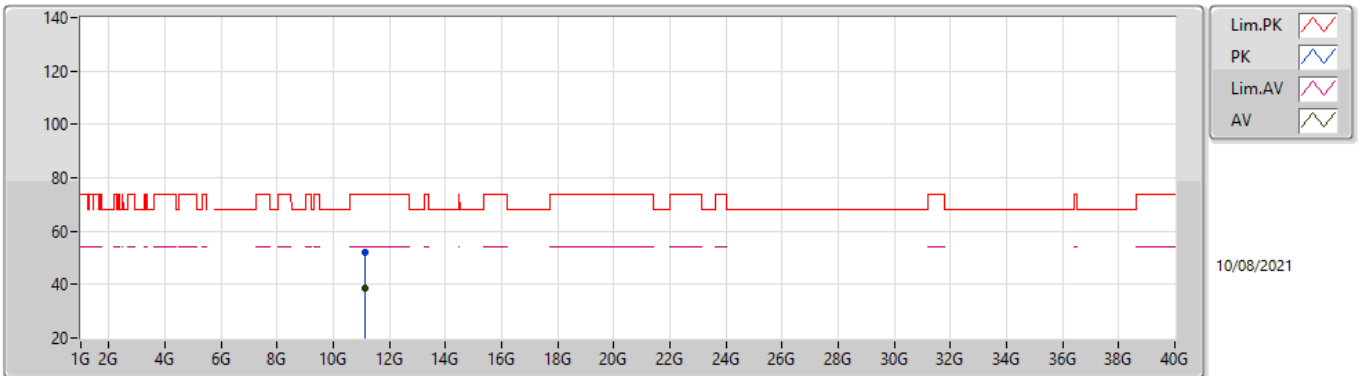


EUT\_Z\_2TX  
Setting 23  
02-B-E-3-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 5.2692G      | 55.96             | 68.20             | -12.24         | 49.39         | 3           | Horizontal | 6              | 1.53          | -       | 33.64      | 5.07       | 32.14      |
| PK   | 5.4388G      | 56.13             | 74.00             | -17.87         | 49.34         | 3           | Horizontal | 6              | 1.53          | -       | 33.88      | 5.04       | 32.13      |
| AV   | 5.4516G      | 44.30             | 54.00             | -9.70          | 37.48         | 3           | Horizontal | 6              | 1.53          | -       | 33.90      | 5.05       | 32.13      |
| PK   | 5.4692G      | 55.81             | 68.20             | -12.39         | 48.97         | 3           | Horizontal | 6              | 1.53          | -       | 33.90      | 5.07       | 32.13      |
| PK   | 5.5572G      | 93.65             | Inf               | -Inf           | 86.72         | 3           | Horizontal | 6              | 1.53          | -       | 33.90      | 5.16       | 32.13      |
| AV   | 5.5604G      | 81.19             | Inf               | -Inf           | 74.26         | 3           | Horizontal | 6              | 1.53          | -       | 33.90      | 5.16       | 32.13      |
| PK   | 5.8868G      | 56.28             | 68.20             | -11.92         | 49.22         | 3           | Horizontal | 6              | 1.53          | -       | 33.95      | 5.26       | 32.15      |

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

## 5570MHz\_TnomVnom

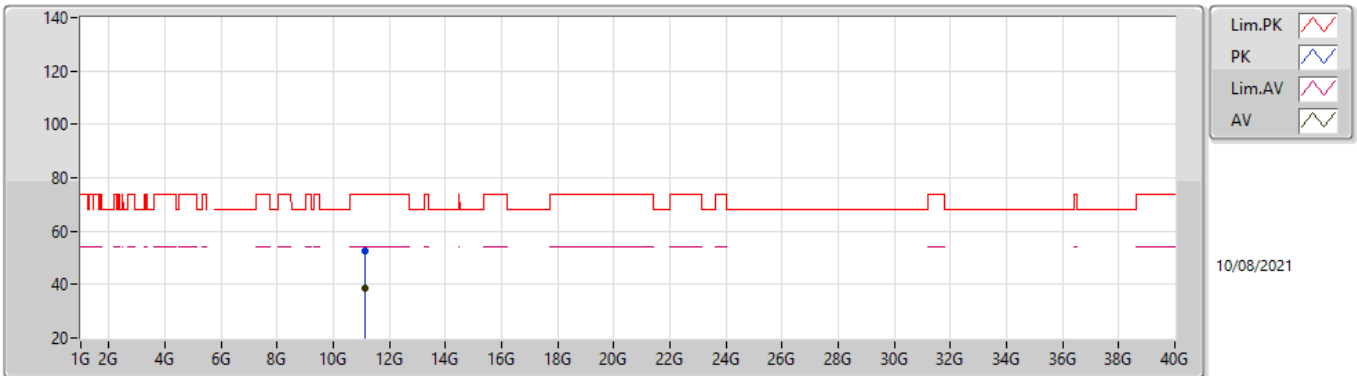


EUT\_Z\_2TX  
Setting 23  
02-B-E-3

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.1432G     | 52.13             | 74.00             | -21.87         | 39.25         | 3           | Vertical  | 200            | 2.40          | -       | 38.64      | 7.50       | 33.26      |
| AV   | 11.1424G     | 38.49             | 54.00             | -15.51         | 25.61         | 3           | Vertical  | 200            | 2.40          | -       | 38.64      | 7.50       | 33.26      |

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

## 5570MHz\_TnomVnom



EUT\_Z\_2TX  
Setting 23  
02-B-E-3

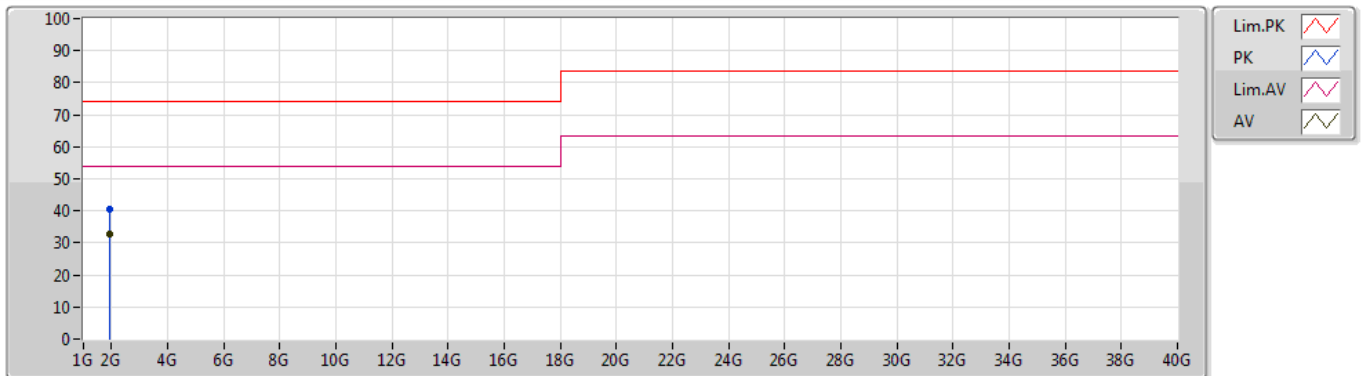
| Type | Freq      | Level    | Limit    | Margin | Raw    | Dist | Condition  | Azimuth | Height | Comment | AF    | CL   | PA    |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|---------|-------|------|-------|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dBuV) | (m)  |            | (°)     | (m)    |         | (dB)  | (dB) | (dB)  |  |
| PK   | 11.14192G | 52.69    | 74.00    | -21.31 | 39.81  | 3    | Horizontal | 246     | 2.20   | -       | 38.64 | 7.50 | 33.26 |  |
| AV   | 11.1409G  | 38.46    | 54.00    | -15.54 | 25.58  | 3    | Horizontal | 246     | 2.20   | -       | 38.64 | 7.50 | 33.26 |  |



**Summary**

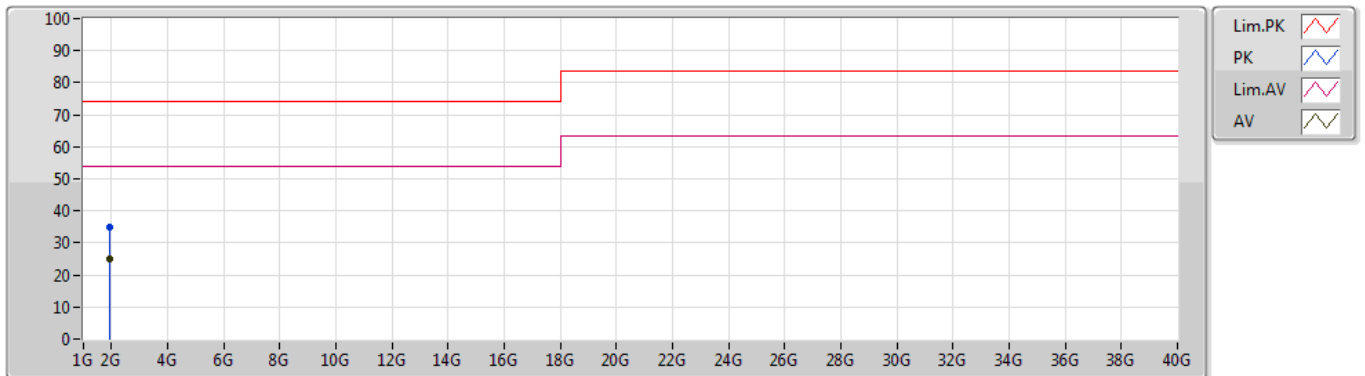
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-------------------|-------------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 1.91999G     | 32.58             | 54.00             | -21.42         | Vertical  |

### Mode 1



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw      | AF     | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|----------|--------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB/m) | (m)  |           | (°)     | (m)    |         | (dBuV/m) | (dB/m) | (dB) | (dB)  |
| PK   | 1.9202G  | 40.67    | 74.00    | -33.33 | -7.96  | 3    | Vertical  | 199     | 1.78   | -       | 48.63    | 25.52  | 3.72 | 37.20 |
| AV   | 1.91999G | 32.58    | 54.00    | -21.42 | -7.96  | 3    | Vertical  | 199     | 1.78   | "Worst" | 40.54    | 25.52  | 3.72 | 37.20 |

### Mode 1



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw      | AF     | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|----------|--------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB/m) | (m)  |            | (°)     | (m)    |         | (dBuV/m) | (dB/m) | (dB) | (dB)  |
| PK   | 1.9199G  | 34.99    | 74.00    | -39.01 | -7.96  | 3    | Horizontal | 208     | 1.00   | -       | 42.95    | 25.52  | 3.72 | 37.20 |
| AV   | 1.92003G | 25.10    | 54.00    | -28.90 | -7.96  | 3    | Horizontal | 208     | 1.00   | "Worst" | 33.06    | 25.52  | 3.72 | 37.20 |