



# FCC RADIO TEST REPORT

FCC ID : MSQ-RTAXJF00  
Equipment : Wireless-AXE11000 Tri-band Gigabit Router,  
ROG Rapture Tri-band Gaming Router  
Brand Name : ASUS  
Model Name : GT-AXE11000  
Applicant : ASUSTeK COMPUTER INC.  
1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan  
Manufacturer (1) : ASUSTeK Computer Inc  
1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan  
Manufacturer (2) : Kentec Inc.  
No. 5, Tzu-Chiang 1st Rd. Chungli Industrial  
Zone, Taoyuan Hsien, Taiwan  
Manufacturer (3) : Lukisen Electronic Corp.  
3F., No.236, Boai St., Shulin Dist., New Taipei  
City 23845, Taiwan  
Manufacturer (4) : Lih Rong Electronic Enterprise Co.,Ltd  
No. 486, Sec. 1, Wanshou Rd., Guishan Dist.,  
Taoyuan City 33350, Taiwan  
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 08, 2020, and testing was started from Jul. 08, 2020 and completed on Jul. 24, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**

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



## Table of Contents

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| <b>History of this test report.....</b>                              | <b>3</b>  |
| <b>Summary of Test Result.....</b>                                   | <b>4</b>  |
| <b>1 General Description .....</b>                                   | <b>5</b>  |
| 1.1 Information.....                                                 | 5         |
| 1.2 Applicable Standards .....                                       | 10        |
| 1.3 Testing Location Information .....                               | 10        |
| 1.4 Measurement Uncertainty .....                                    | 11        |
| <b>2 Test Configuration of EUT .....</b>                             | <b>12</b> |
| 2.1 Test Channel Mode .....                                          | 12        |
| 2.2 The Worst Case Measurement Configuration.....                    | 14        |
| 2.3 EUT Operation during Test .....                                  | 15        |
| 2.4 Accessories .....                                                | 16        |
| 2.5 Support Equipment.....                                           | 16        |
| 2.6 Test Setup Diagram .....                                         | 17        |
| <b>3 Transmitter Test Result .....</b>                               | <b>20</b> |
| 3.1 AC Power-line Conducted Emissions .....                          | 20        |
| 3.2 Emission Bandwidth .....                                         | 22        |
| 3.3 Maximum Conducted Output Power .....                             | 23        |
| 3.4 Peak Power Spectral Density.....                                 | 25        |
| 3.5 Unwanted Emissions.....                                          | 28        |
| <b>4 Test Equipment and Calibration Data .....</b>                   | <b>32</b> |
| <b>Appendix A. Test Results of AC Power-line Conducted Emissions</b> |           |
| <b>Appendix B. Test Results of Emission Bandwidth</b>                |           |
| <b>Appendix C. Test Results of Maximum Conducted Output Power</b>    |           |
| <b>Appendix D. Test Results of Peak Power Spectral Density</b>       |           |
| <b>Appendix E. Test Results of Unwanted Emissions</b>                |           |
| <b>Appendix F. Test Results of Radiated Emission Co-location</b>     |           |
| <b>Appendix G. Test Photos</b>                                       |           |
| <b>Photographs of EUT v01</b>                                        |           |



TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB-A12\_1 Ver1.2



## Summary of Test Result

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

**Declaration of Conformity:**

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

**Comments and Explanations:**

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: Viola Huang**

# 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             |                                        | 5500-5720           | 100-144 [12]   |
| 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             |                                        | 5510-5710           | 102-142 [6]    |
| 5725-5850             |                                        | 5755-5795           | 151-159 [2]    |
| 5150-5250             | ac (VHT80), ax (HEW80)                 | 5210                | 42 [1]         |
| 5250-5350             |                                        | 5290                | 58 [1]         |
| 5470-5725             |                                        | 5530-5690           | 106-138 [3]    |
| 5725-5850             |                                        | 5775                | 155 [1]        |
| 5150-5350             | ac (VHT160),<br>ax (HEW160)            | 5250                | 50 [1]         |
| 5470-5725             |                                        | 5570                | 114 [1]        |



| Band          | Mode            | BWch (MHz) | Nant |
|---------------|-----------------|------------|------|
| 5.15-5.25GHz  | 802.11a         | 20         | 4    |
| 5.15-5.25GHz  | 802.11n HT20    | 20         | 4    |
| 5.15-5.25GHz  | 802.11ac VHT20  | 20         | 4    |
| 5.15-5.25GHz  | 802.11ax HEW20  | 20         | 4    |
| 5.15-5.25GHz  | 802.11n HT40    | 40         | 4    |
| 5.15-5.25GHz  | 802.11ac VHT40  | 40         | 4    |
| 5.15-5.25GHz  | 802.11ax HEW40  | 40         | 4    |
| 5.15-5.25GHz  | 802.11ac VHT80  | 80         | 4    |
| 5.15-5.25GHz  | 802.11ax HEW80  | 80         | 4    |
| 5.15-5.25GHz  | 802.11ac HEW160 | 160        | 4    |
| 5.15-5.25GHz  | 802.11ax HEW160 | 160        | 4    |
| 5.25-5.35GHz  | 802.11a         | 20         | 4    |
| 5.25-5.35GHz  | 802.11n HT20    | 20         | 4    |
| 5.25-5.35GHz  | 802.11ac VHT20  | 20         | 4    |
| 5.25-5.35GHz  | 802.11ax HEW20  | 20         | 4    |
| 5.25-5.35GHz  | 802.11n HT40    | 40         | 4    |
| 5.25-5.35GHz  | 802.11ac VHT40  | 40         | 4    |
| 5.25-5.35GHz  | 802.11ax HEW40  | 40         | 4    |
| 5.25-5.35GHz  | 802.11ac VHT80  | 80         | 4    |
| 5.25-5.35GHz  | 802.11ax HEW80  | 80         | 4    |
| 5.25-5.35GHz  | 802.11ac HEW160 | 160        | 4    |
| 5.25-5.35GHz  | 802.11ax HEW160 | 160        | 4    |
| 5.47-5.725GHz | 802.11a         | 20         | 4    |
| 5.47-5.725GHz | 802.11n HT20    | 20         | 4    |
| 5.47-5.725GHz | 802.11ac VHT20  | 20         | 4    |
| 5.47-5.725GHz | 802.11ax HEW20  | 20         | 4    |
| 5.47-5.725GHz | 802.11n HT40    | 40         | 4    |
| 5.47-5.725GHz | 802.11ac VHT40  | 40         | 4    |
| 5.47-5.725GHz | 802.11ax HEW40  | 40         | 4    |
| 5.47-5.725GHz | 802.11ac VHT80  | 80         | 4    |
| 5.47-5.725GHz | 802.11ax HEW80  | 80         | 4    |
| 5.47-5.725GHz | 802.11ac HEW160 | 160        | 4    |
| 5.47-5.725GHz | 802.11ax HEW160 | 160        | 4    |
| 5.725-5.85GHz | 802.11a         | 20         | 4    |
| 5.725-5.85GHz | 802.11n HT20    | 20         | 4    |
| 5.725-5.85GHz | 802.11ac VHT20  | 20         | 4    |
| 5.725-5.85GHz | 802.11ax HEW20  | 20         | 4    |
| 5.725-5.85GHz | 802.11n HT40    | 40         | 4    |
| 5.725-5.85GHz | 802.11ac VHT40  | 40         | 4    |



| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 4    |
| 5.725-5.85GHz | 802.11ac VHT80 | 80         | 4    |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 4    |

**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, 1024QAM 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<br>B1~B4 | 5GHz<br>B5~B8 |
| 1    | 1    | WHAYU | C660-510515-A | Dipole Antenna | I-PEX MHF    | 1.99       | 1.98          | -             |
| 2    | 2    | WHAYU | C660-510516-A | Dipole Antenna | I-PEX MHF    | 1.99       | 1.99          | -             |
| 3    | 3    | WHAYU | C660-510517-A | Dipole Antenna | I-PEX MHF    | 1.97       | 1.97          | -             |
| 4    | 4    | WHAYU | C660-510518-A | Dipole Antenna | I-PEX MHF    | 1.98       | 2.00          | -             |
| 5    | -    | WHAYU | C660-510519-A | Dipole Antenna | I-PEX MHF 4L | -          | -             | 1.98          |
| 6    | -    | WHAYU | C660-510520-A | Dipole Antenna | I-PEX MHF 4L | -          | -             | 1.98          |
| 7    | -    | WHAYU | C660-510521-A | Dipole Antenna | I-PEX MHF 4L | -          | -             | 1.97          |
| 8    | -    | WHAYU | C660-510522-A | Dipole Antenna | I-PEX MHF 4L | -          | -             | 1.98          |

Note1: The EUT has eight antennas, The 6GHz function can't work at this time.

Note2: The above information was declared by manufacturer.

#### <For 2.4GHz Band>

##### For IEEE 802.11b/g/n/VHT mode (4TX/4RX)

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

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

#### <For 5GHz Band>

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

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

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

**1.1.3 Mode Test Duty Cycle**

| Mode            | DC    | DCF(dB) | T(s)           | VBW(Hz) ≥ 1/T  |
|-----------------|-------|---------|----------------|----------------|
| 802.11a         | 0.992 | 0.03    | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ax HEW20  | 0.993 | 0.03    | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ax HEW40  | 0.993 | 0.03    | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ax HEW80  | 0.991 | 0.04    | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ax HEW160 | 0.985 | 0.07    | n/a (DC>=0.98) | n/a (DC>=0.98) |

Note:

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

**1.1.4 EUT Operational Condition**

|                              |                                     |                   |                                     |                      |
|------------------------------|-------------------------------------|-------------------|-------------------------------------|----------------------|
| <b>EUT Power Type</b>        | From Power Adapter                  |                   |                                     |                      |
| <b>Beamforming Function</b>  | <input type="checkbox"/>            | With beamforming  | <input checked="" type="checkbox"/> | Without beamforming  |
| <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> | M-Tool V3.2.0.2                     |                   |                                     |                      |

Note: The above information was declared by manufacturer.

**1.1.5 Table for Multiple Listing**

The Equipment names in the following table are all refer to the identical product.

| Equipment Name                               | Brand Name | Model Name  | Description                                                                        |
|----------------------------------------------|------------|-------------|------------------------------------------------------------------------------------|
| Wireless-AXE11000<br>Tri-band Gigabit Router | ASUS       | GT-AXE11000 | For marketing reason the same product will be covered by different equipment name. |
| ROG Rapture Tri-band<br>Gaming Router        |            |             |                                                                                    |



## 1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

## 1.3 Testing Location Information

| Testing Location                    |        |                                                                                  |                      |                      |
|-------------------------------------|--------|----------------------------------------------------------------------------------|----------------------|----------------------|
| <input type="checkbox"/>            | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)        | TEL : 886-3-327-3456 | FAX : 886-3-327-0973 |
| <input checked="" type="checkbox"/> | JHUBEI | ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. | TEL : 886-3-656-9065 | FAX : 886-3-656-9085 |

| Test Condition                         | Test Site No. | Test Engineer | Test Environment     | Test Date                   |
|----------------------------------------|---------------|---------------|----------------------|-----------------------------|
| RF Conducted                           | TH02-CB       | Caster Chang  | 23.4~25.2°C / 53~57% | Jul. 16, 2020               |
| Radiated below 1GHz                    | 03CH05-CB     | Stim Sung     | 27.7~29.6°C / 58~59% | Jul. 23, 2020~Jul. 24, 2020 |
|                                        | 03CH06-CB     | Stim Sung     | 24.1~25.6°C / 60~62% | Jul. 23, 2020~Jul. 24, 2020 |
| Radiated above 1GHz<br>and co-location | 03CH01-CB     | Stim Sung     | 24.7~26.4°C / 56~60% | Jul. 08, 2020~Jul. 24, 2020 |
|                                        | 03CH04-CB     | Stim Sung     | 25~27.1°C / 56~60%   | Jul. 08, 2020~Jul. 24, 2020 |
|                                        | 03CH06-CB     | Stim Sung     | 24.1~25.6°C / 60~62% | Jul. 08, 2020~Jul. 24, 2020 |
| AC Conduction                          | CO01-CB       | GN Hou        | 21~23°C / 61~63%     | Jul. 17, 2020               |

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.



## 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 (30MHz ~ 1,000MHz) | 5.6 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 4.9 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 4.6 dB      | Confidence levels of 95% |
| Conducted Emission                   | 2.8 dB      | Confidence levels of 95% |
| Output Power Measurement             | 1.4 dB      | Confidence levels of 95% |
| Power Density Measurement            | 2.8 dB      | Confidence levels of 95% |
| Bandwidth Measurement                | 0.39%       | Confidence levels of 95% |



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -             |
| 5180MHz                        | 67            |
| 5200MHz                        | 74            |
| 5240MHz                        | 88            |
| 5260MHz                        | 63            |
| 5300MHz                        | 63            |
| 5320MHz                        | 63            |
| 5500MHz                        | 48            |
| 5580MHz                        | 64            |
| 5700MHz                        | 44            |
| 5720MHz Straddle 5.47-5.725GHz | 64            |
| 5720MHz Straddle 5.725-5.85GHz | 64            |
| 5745MHz                        | 94            |
| 5785MHz                        | 96            |
| 5825MHz                        | 97            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -             |
| 5180MHz                        | 81            |
| 5200MHz                        | 91            |
| 5240MHz                        | 89            |
| 5260MHz                        | 64            |
| 5300MHz                        | 64            |
| 5320MHz                        | 64            |
| 5500MHz                        | 63            |
| 5580MHz                        | 65            |
| 5700MHz                        | 65            |
| 5720MHz Straddle 5.47-5.725GHz | 65            |
| 5720MHz Straddle 5.725-5.85GHz | 65            |
| 5745MHz                        | 93            |
| 5785MHz                        | 94            |
| 5825MHz                        | 96            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -             |
| 5190MHz                        | 67            |
| 5230MHz                        | 90            |
| 5270MHz                        | 69            |
| 5310MHz                        | 68            |
| 5510MHz                        | 65            |



| Mode                            | Power Setting |
|---------------------------------|---------------|
| 5550MHz                         | 69            |
| 5670MHz                         | 68            |
| 5710MHz Straddle 5.47-5.725GHz  | 71            |
| 5710MHz Straddle 5.725-5.85GHz  | 71            |
| 5755MHz                         | 90            |
| 5795MHz                         | 93            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | -             |
| 5210MHz                         | 68            |
| 5290MHz                         | 70            |
| 5530MHz                         | 68            |
| 5610MHz                         | 68            |
| 5690MHz Straddle 5.47-5.725GHz  | 70            |
| 5690MHz Straddle 5.725-5.85GHz  | 70            |
| 5775MHz                         | 80            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -             |
| 5250MHz Straddle 5.15-5.25GHz   | 70            |
| 5250MHz Straddle 5.25-5.35GHz   | 70            |
| 5570MHz                         | 68            |

**Note:**

- ♦ VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.



## 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 |
| <b>Operating Mode</b>                                                                                                       | CTX                                                      |
| 1                                                                                                                           | EUT_2.4GHz + Adapter 1                                   |
| 2                                                                                                                           | EUT_2.4GHz + Adapter 2                                   |
| 3                                                                                                                           | EUT_2.4GHz + Adapter 3                                   |
| Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode. |                                                          |
| 4                                                                                                                           | EUT_5GHz + Adapter 1                                     |
| For operating mode 4 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 Conducted Output Power<br>Peak Power Spectral Density |
| <b>Test Condition</b>                               | Conducted measurement at transmit chains                                            |

| The Worst Case Mode for Following Conformance Tests                                                                         |                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                                                                                           | Unwanted Emissions                                                                                                                                                                                                                                  |
| <b>Test Condition</b>                                                                                                       | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| <b>Operating Mode &lt; 1GHz</b>                                                                                             | CTX                                                                                                                                                                                                                                                 |
| 1                                                                                                                           | EUT_2.4GHz + Adapter 1                                                                                                                                                                                                                              |
| 2                                                                                                                           | EUT_2.4GHz + Adapter 2                                                                                                                                                                                                                              |
| 3                                                                                                                           | EUT_2.4GHz + Adapter 3                                                                                                                                                                                                                              |
| Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode. |                                                                                                                                                                                                                                                     |
| 4                                                                                                                           | EUT_5GHz + Adapter 1                                                                                                                                                                                                                                |
| For operating mode 4 is the worst case and it was record in this test report.                                               |                                                                                                                                                                                                                                                     |
| <b>Operating Mode &gt; 1GHz</b>                                                                                             | CTX                                                                                                                                                                                                                                                 |



| The Worst Case Mode for Following Conformance Tests    |                                                                    |
|--------------------------------------------------------|--------------------------------------------------------------------|
| <b>Tests Item</b>                                      | Simultaneous Transmission Analysis - Radiated Emission Co-location |
| <b>Test Condition</b>                                  | Radiated measurement                                               |
| <b>Operating Mode</b>                                  | Normal Link                                                        |
| 1                                                      | WLAN 2.4GHz + WLAN 5GHz                                            |
| Refer to Appendix F for Radiated Emission Co-location. |                                                                    |

| The Worst Case Mode for Following Conformance Tests                                |                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Tests Item</b>                                                                  | Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation |
| <b>Operating Mode</b>                                                              |                                                                         |
| 1                                                                                  | WLAN 2.4GHz + WLAN 5GHz                                                 |
| Refer to Sporton Test Report No.: FA070920 for Co-location RF Exposure Evaluation. |                                                                         |

Note: The EUT can only use Z axis position.

## 2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.



## 2.4 Accessories

| Accessories                       |            |            |                                                                     |                                         |
|-----------------------------------|------------|------------|---------------------------------------------------------------------|-----------------------------------------|
| Power                             | Brand Name | Model Name | Rating                                                              | Remark                                  |
| Adapter 1                         | DELTA      | ADP-65DE B | INPUT: 100-240V ~ 1.5A, 50-60Hz<br>OUTPUT: 19.0V, 3.42A, 65.0W      | DC power cable<br>Non-shielded,<br>1.5m |
| Adapter 2                         | AcBel      | ADD011     | INPUT: 100-240V ~ 1.7A, 50-60Hz<br>OUTPUT: 19.5V, 3.33A, 65.0W Max. | DC power cable<br>Non-shielded,<br>1.5m |
| Adapter 3                         | DELTA      | ADP-65GD D | INPUT: 100-240V ~ 50-60Hz, 1.5A<br>OUTPUT: 19.0-3.42V, 65.0W        | DC power cable<br>Non-shielded,<br>1.5m |
| Others                            |            |            |                                                                     |                                         |
| Power cable*1, Non-Shielded, 0.9m |            |            |                                                                     |                                         |
| RJ-45 cable*1: Shielded, 1.5m     |            |            |                                                                     |                                         |

## 2.5 Support Equipment

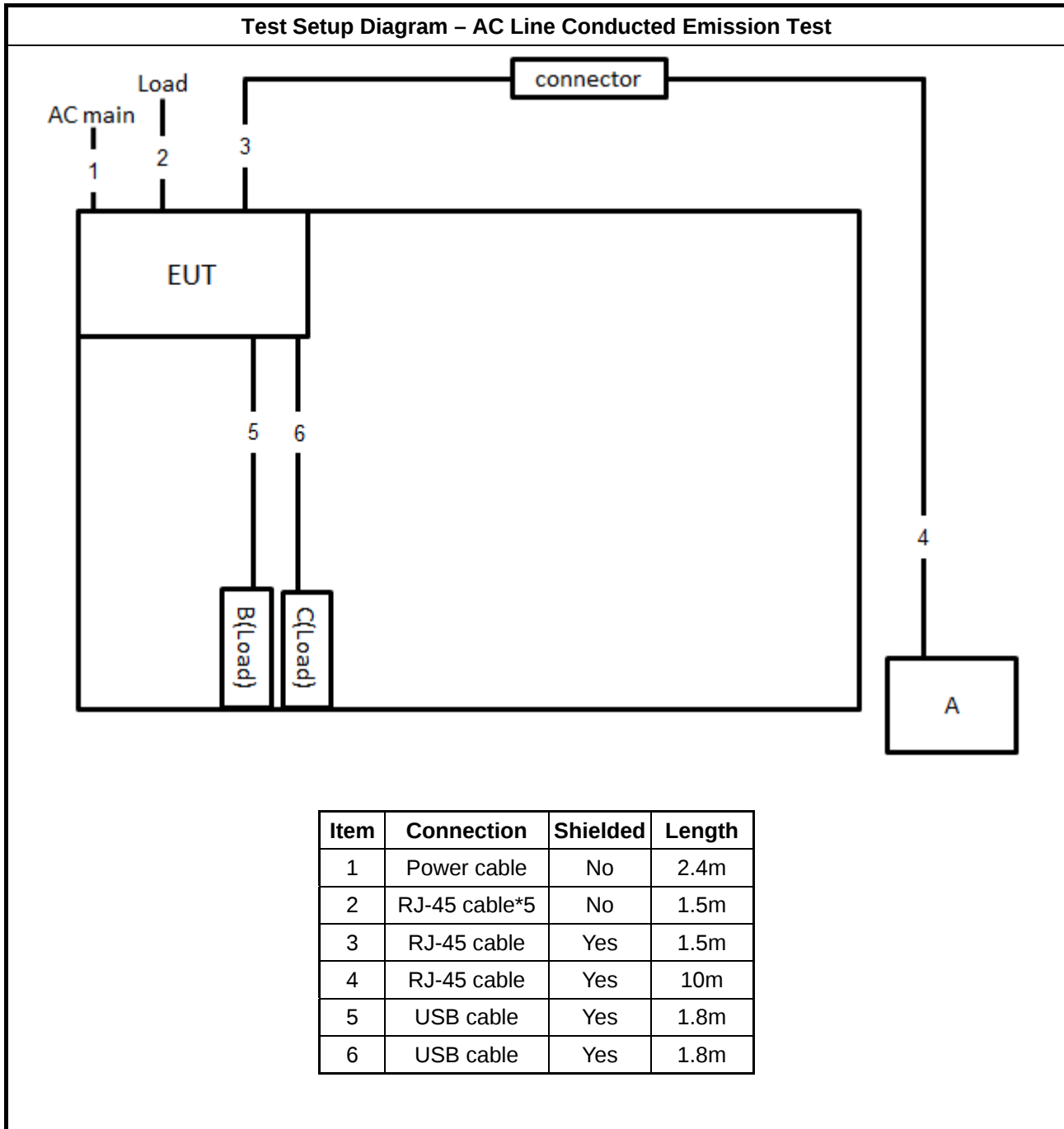
For AC Conduction:

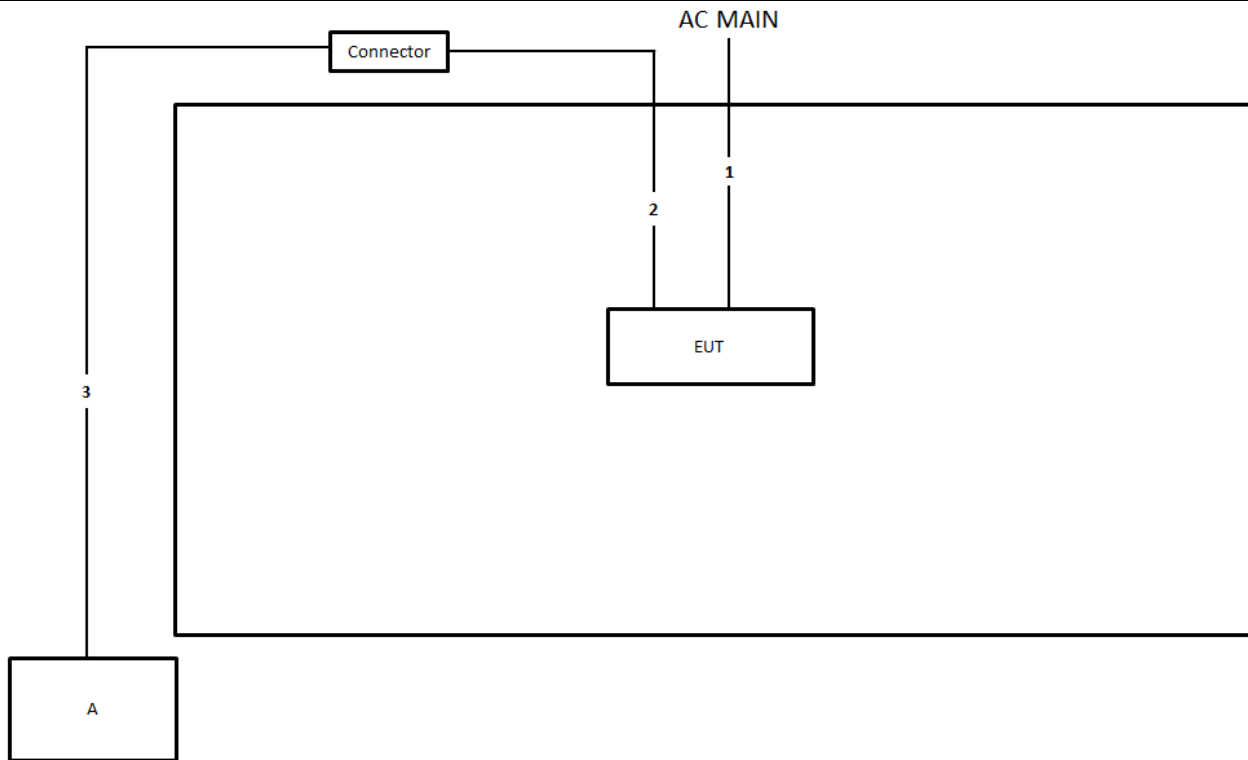
| Support Equipment |           |            |             |        |
|-------------------|-----------|------------|-------------|--------|
| No.               | Equipment | Brand Name | Model Name  | FCC ID |
| A                 | LAN NB    | DELL       | E6430       | N/A    |
| B                 | HDD3.0    | Transcend  | TS1TSJ25A3K | N/A    |
| C                 | HDD3.0    | Transcend  | TS1TSJ25A3K | N/A    |

For Radiated and RF Conducted:

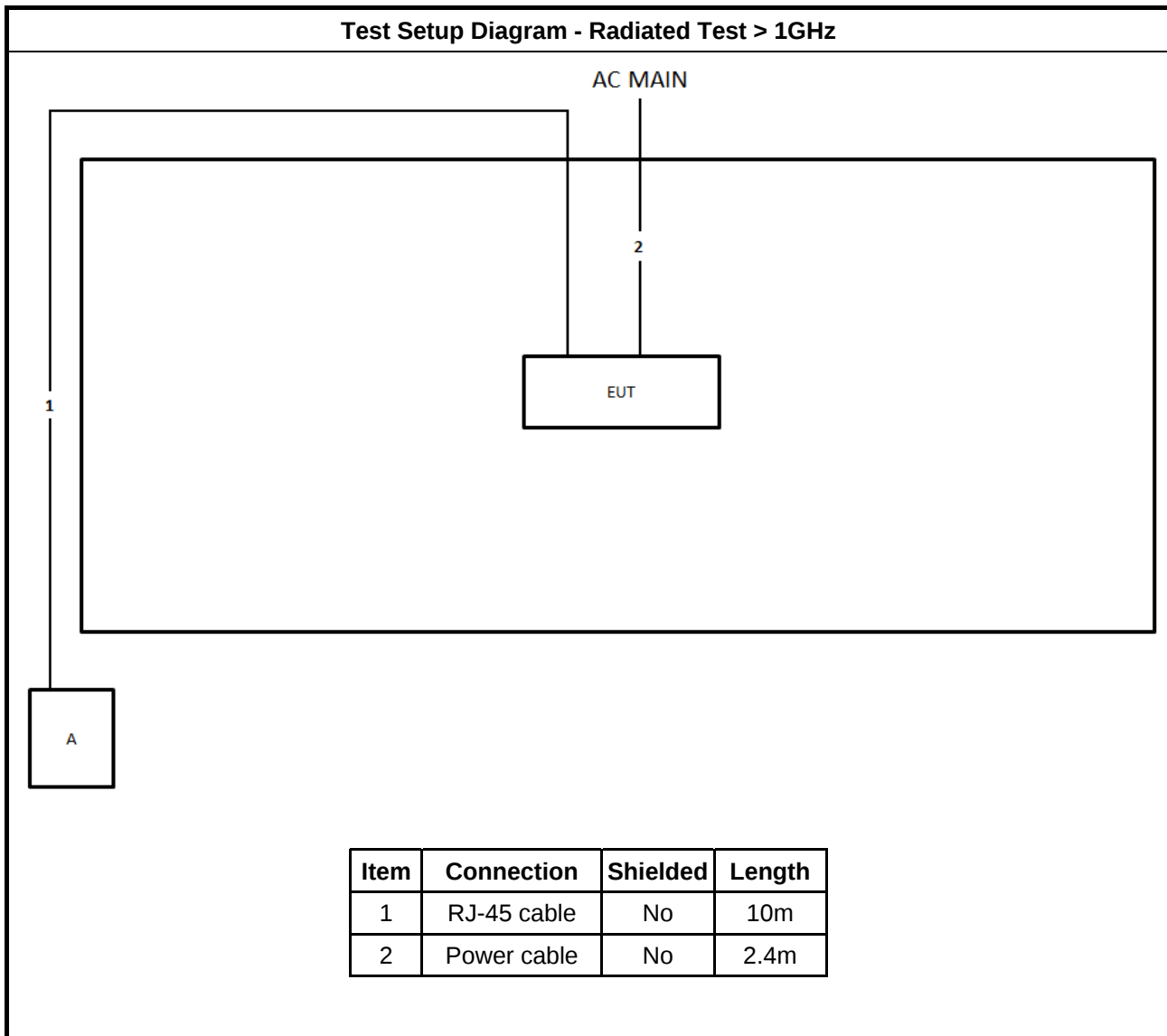
| Support Equipment |           |            |            |        |
|-------------------|-----------|------------|------------|--------|
| No.               | Equipment | Brand Name | Model Name | FCC ID |
| A                 | Notebook  | DELL       | E4300      | N/A    |

## 2.6 Test Setup Diagram



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


| Item | Connection  | Shielded | Length |
|------|-------------|----------|--------|
| 1    | Power cable | No       | 2.4m   |
| 2    | RJ-45 cable | Yes      | 1.5m   |
| 3    | RJ-45 cable | No       | 10m    |

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




### 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.

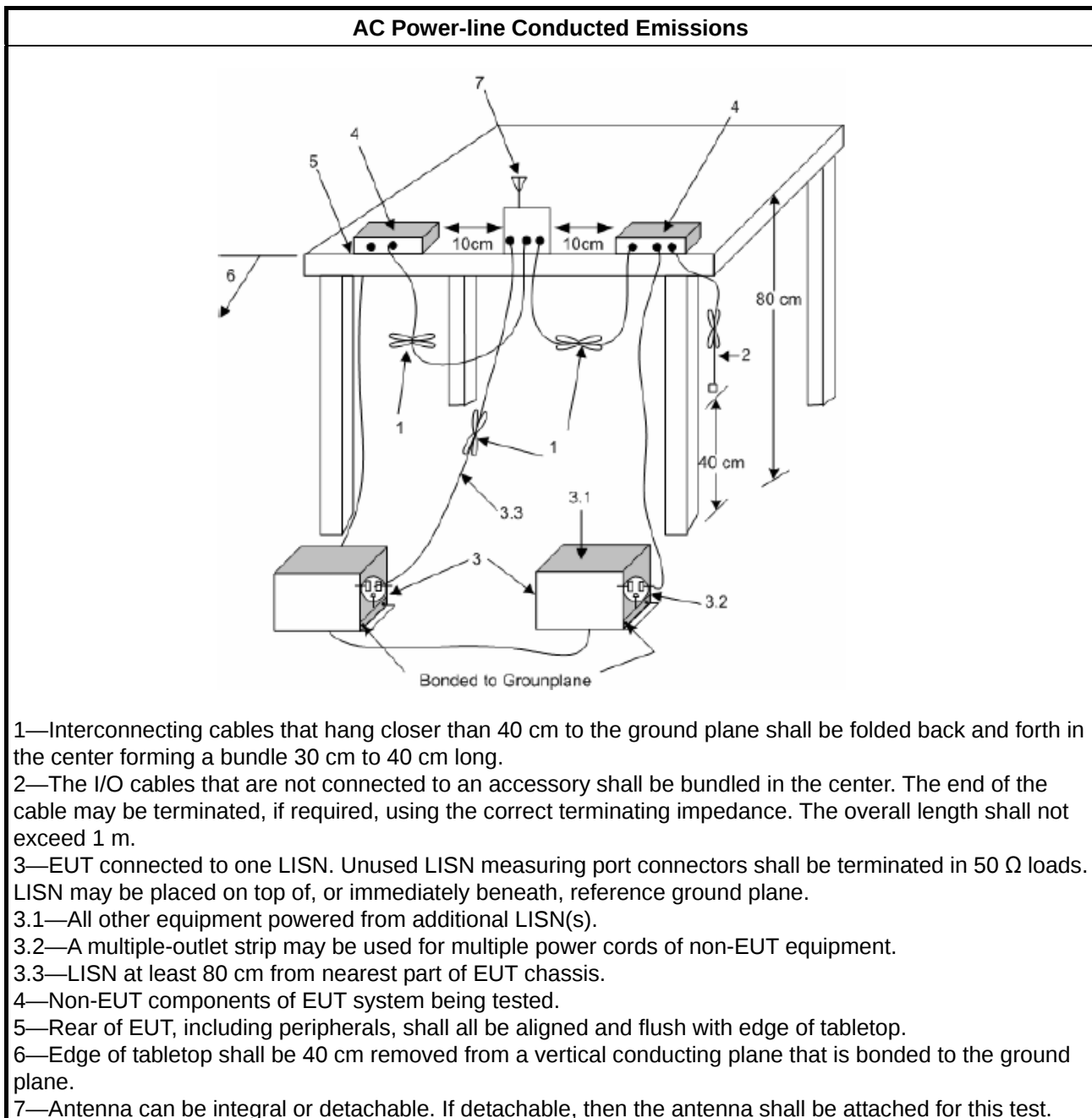
##### 3.1.2 Measuring Instruments

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 (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

### 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 $11 \text{ dBm} + 10 \log B$ , 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 $11 \text{ dBm} + 10 \log B$ , 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 $\geq 500\text{kHz}$ .                                                                                                               |
| <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 $\geq 500\text{kHz}$ .                                                                                                               |

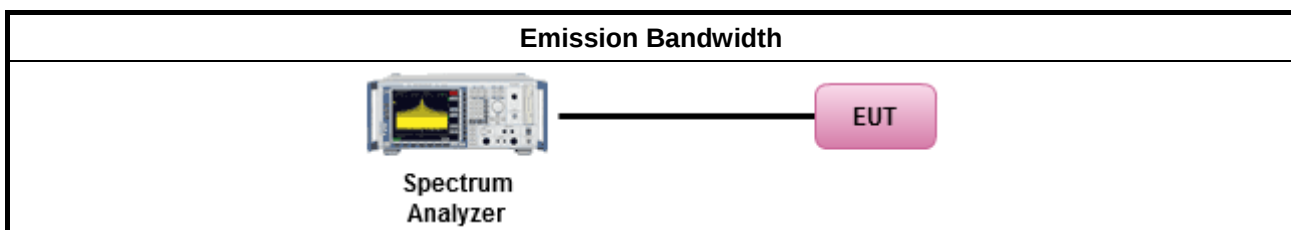
### 3.2.2 Measuring Instruments

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 Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                         | <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:                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                         | <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>LE-LAN Devices</b>                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> For the 5.725-5.85 GHz band:                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| $P_{Out}$ = maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi.                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### 3.3.2 Measuring Instruments

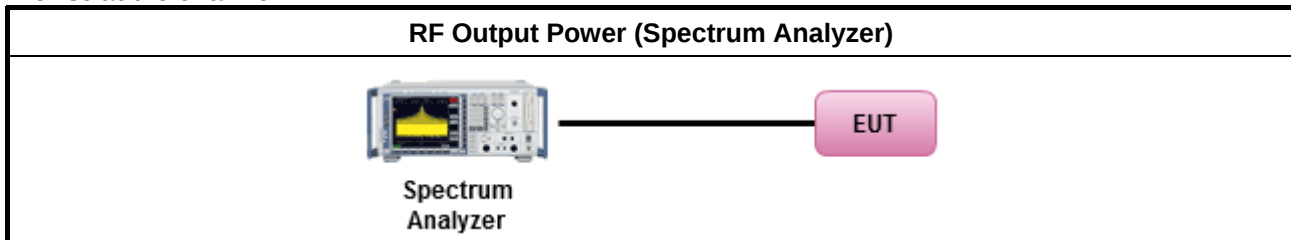
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

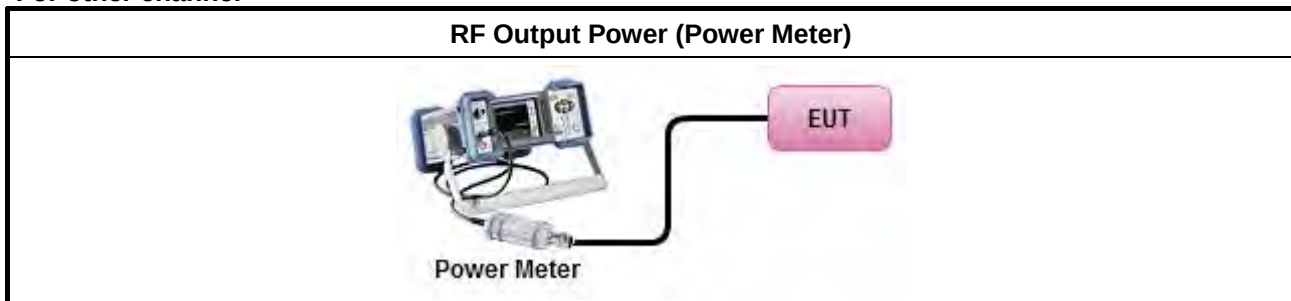
| Test Method                                                                                                                                                                                                                                                                                                                                                            |                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul>                                                                                                                                                                                                                                                                                       |                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                        | 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 Conducted Output Power

Refer as Appendix C



### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

| Peak Power Spectral Density Limit                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li><li>Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li><li>Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li><li>Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li></ul> |
| <input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li><li>Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>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 he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz<br><b>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

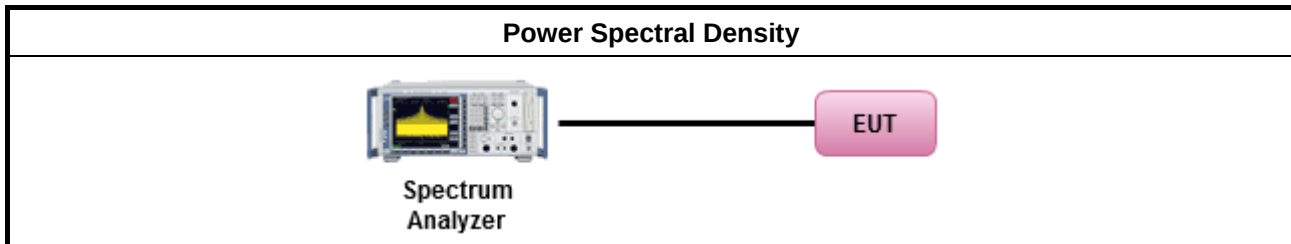
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                        | Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth<br>[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)<br>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.                                                                                                                                                                                                                                                                                                                  |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br/> <math display="block">PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>           (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math display="block">EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>                                                                                                                                                                                                                                                                                                        |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter 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. |

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).

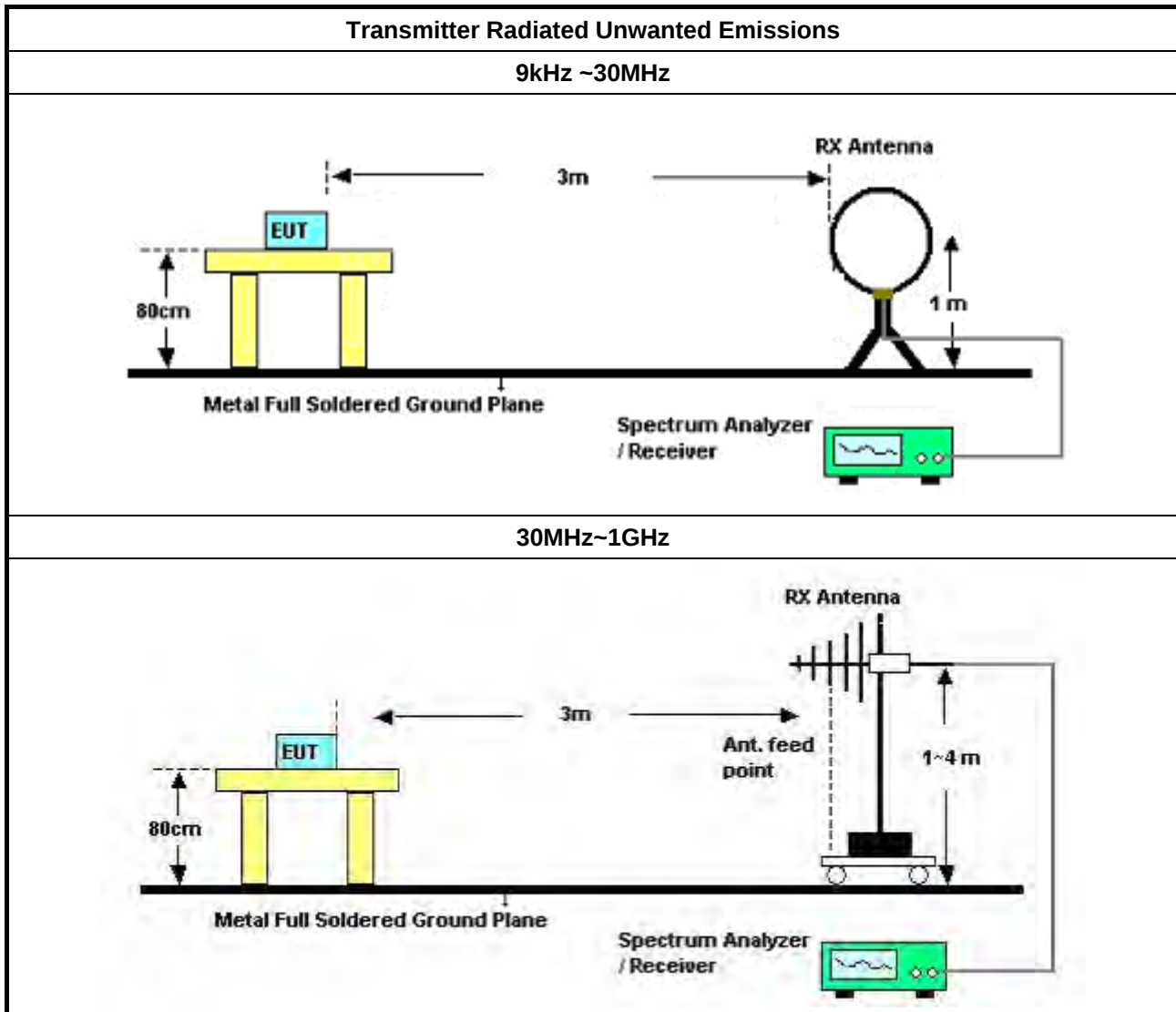
### 3.5.2 Measuring Instruments

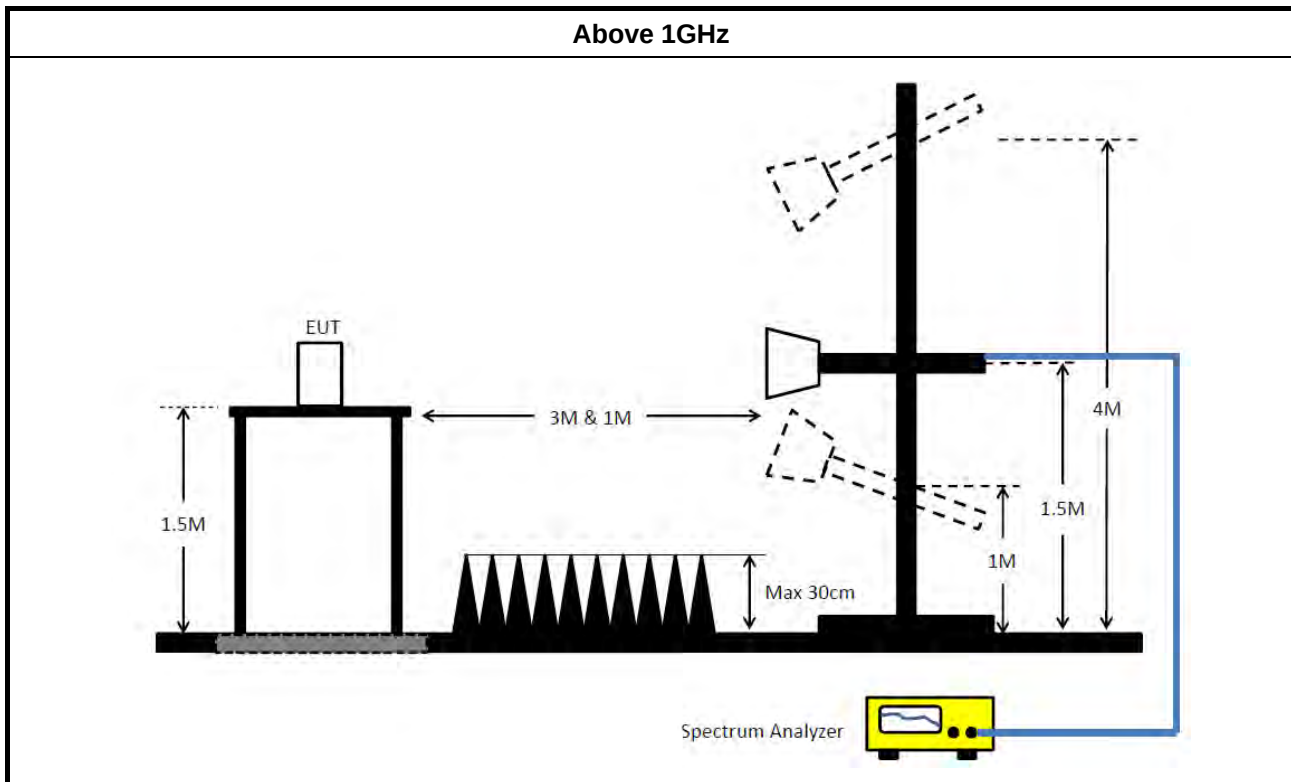
Refer a test equipment and calibration data table in this test report.

### 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 98</math> 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 + Cable Loss + Read Level - Preamp Factor (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 10 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                         | Manufacturer    | Model No.          | Serial No.       | Characteristics  | Calibration Date | Calibration Due Date | Remark                |
|------------------------------------|-----------------|--------------------|------------------|------------------|------------------|----------------------|-----------------------|
| EMI Receiver                       | Agilent         | N9038A             | My52260123       | 9kHz ~ 8.45GHz   | Feb. 26, 2020    | Feb. 25, 2021        | Conduction (CO01-CB)  |
| LISN                               | F.C.C.          | FCC-LISN-50-16-2   | 04083            | 150kHz ~ 100MHz  | Dec. 25, 2019    | Dec. 24, 2020        | Conduction (CO01-CB)  |
| LISN                               | Schwarzbeck     | NSLK 8127          | 8127647          | 9kHz ~ 30MHz     | Feb. 25, 2020    | Feb. 24, 2021        | Conduction (CO01-CB)  |
| Pulse Limiter                      | Rohde & Schwarz | ESH3-Z2            | 100430           | 9kHz ~ 30MHz     | Jan. 31, 2020    | Jan. 30, 2021        | Conduction (CO01-CB)  |
| COND Cable                         | Woken           | Cable              | Low cable-CO01   | 9kHz ~ 30MHz     | May 20, 2020     | May 19, 2021         | Conduction (CO01-CB)  |
| Software                           | Audix           | E3                 | 6.120210n        | -                | N.C.R.           | N.C.R.               | Conduction (CO01-CB)  |
| Loop Antenna                       | Teseq           | HLA 6120           | 24155            | 9kHz - 30 MHz    | Apr. 13, 2020    | Apr. 12, 2021        | Radiation (03CH05-CB) |
| Bilog Antenna with 6dB Attenuator  | TESEQ & EMCI    | CBL 6112D & N-6-06 | 35236 & AT-N0610 | 30MHz ~ 2GHz     | Mar. 27, 2020    | Mar. 26, 2021        | Radiation (03CH05-CB) |
| Pre-Amplifier                      | EMCI            | EMC330N            | 980331           | 20MHz ~ 3GHz     | Apr. 28, 2020    | Apr. 27, 2021        | Radiation (03CH05-CB) |
| Spectrum Analyzer                  | R&S             | FSP40              | 100304           | 9kHz ~ 40GHz     | Aug. 15, 2019    | Aug. 14, 2020        | Radiation (03CH05-CB) |
| EMI Test Receiver                  | R&S             | ESCS               | 826547/017       | 9kHz ~ 2.75GHz   | May 13, 2020     | May 12, 2021         | Radiation (03CH05-CB) |
| RF Cable-low                       | Woken           | RG402              | LOW Cable-04+23  | 30MHz~1GHz       | Oct. 07, 2019    | Oct. 06, 2020        | Radiation (03CH05-CB) |
| Loop Antenna                       | Teseq           | HLA 6120           | 24155            | 9kHz - 30 MHz    | Apr. 13, 2020    | Apr. 12, 2021        | Radiation (03CH06-CB) |
| Bilog Antenna with 6 dB attenuator | TESEQ & EMCI    | CBL6112D & N-6-06  | 37878 & AT-N0606 | 20MHz ~ 2GHz     | Aug. 03, 2019    | Aug. 02, 2020        | Radiation (03CH06-CB) |
| Horn Antenna                       | SCHWARZBECK     | BBHA9120D          | 9120D-1292       | 1GHz~18GHz       | Jul. 17, 2019    | Jul. 16, 2020        | Radiation (03CH06-CB) |
| Horn Antenna                       | SCHWARZBECK     | BBHA9120D          | BBHA 9120D-1291  | 1GHz~18GHz       | Oct. 05, 2019    | Oct. 04, 2020        | Radiation (03CH06-CB) |
| Horn Antenna                       | COM-POWER       | AH-118             | 071028           | 1GHz ~ 18GHz     | Jun. 09, 2020    | Jun. 08, 2021        | Radiation (03CH06-CB) |
| Horn Antenna                       | SCHWARZBECK     | BBHA 9170          | BBHA9170507      | 15GHz ~ 40GHz    | Jun. 11, 2020    | Jun. 10, 2021        | Radiation (03CH06-CB) |
| Pre-Amplifier                      | EMCI            | EMC330N            | 980391           | 20MHz ~ 3GHz     | May 21, 2020     | May 20, 2021         | Radiation (03CH06-CB) |
| Pre-Amplifier                      | Agilent         | 83017A             | MY53270064       | 0.5GHz ~ 26.5GHz | May 07, 2020     | May 06, 2021         | Radiation (03CH06-CB) |
| Amplifier                          | -               | -                  | TF-130N-R1       | 18GHz ~ 40GHz    | Jun. 19, 2020    | Jun. 18, 2021        | Radiation (03CH06-CB) |
| Spectrum analyzer                  | R&S             | FSP40              | 100080           | 9kHz~40GHz       | Oct. 21, 2019    | Oct. 20, 2020        | Radiation (03CH06-CB) |



| Instrument        | Manufacturer   | Model No.     | Serial No.       | Characteristics  | Calibration Date | Calibration Due Date | Remark                |
|-------------------|----------------|---------------|------------------|------------------|------------------|----------------------|-----------------------|
| EMI Test Receiver | R&S            | ESCS          | 826547/017       | 9kHz ~ 2.75GHz   | May 13, 2020     | May 12, 2021         | Radiation (03CH06-CB) |
| RF Cable-low      | HUBER+SUHNER   | RG402         | Low Cable-05+24  | 30MHz~1GHz       | Oct. 07, 2019    | Oct. 06, 2020        | Radiation (03CH06-CB) |
| RF Cable-high     | HUBER+SUHNER   | RG402         | High Cable-05    | 1GHz~18GHz       | Oct. 07, 2019    | Oct. 06, 2020        | Radiation (03CH06-CB) |
| RF Cable-high     | HUBER+SUHNER   | RG402         | High Cable-05+24 | 1GHz~18GHz       | Oct. 07, 2019    | Oct. 06, 2020        | Radiation (03CH06-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 24, 2019    | Jul. 23, 2020        | Radiation (03CH06-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH06-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 24, 2019    | Jul. 23, 2020        | Radiation (03CH06-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH06-CB) |
| Horn Antenna      | ETS-LINDGREN   | 3115          | 00075790         | 750MHz ~ 18GHz   | Nov. 04, 2019    | Nov. 03, 2020        | Radiation (03CH01-CB) |
| Horn Antenna      | SCHWARZBECK    | BBHA 9170     | BBHA9170507      | 15GHz ~ 40GHz    | Jun. 11, 2020    | Jun. 10, 2021        | Radiation (03CH01-CB) |
| Pre-Amplifier     | Agilent        | 8449B         | 3008A02310       | 1GHz ~ 26.5GHz   | Jan. 08, 2020    | Jan. 07, 2021        | Radiation (03CH01-CB) |
| Pre-Amplifier     | MITEQ          | TTA1840-35-HG | 1864479          | 18GHz ~ 40GHz    | Jul. 08, 2020    | Jul. 07, 2021        | Radiation (03CH01-CB) |
| Amplifier         | -              | -             | TF-130N-R1       | 18GHz ~ 40GHz    | Jun. 19, 2020    | Jun. 18, 2021        | Radiation (03CH01-CB) |
| Spectrum Analyzer | R&S            | FSP40         | 100056           | 9kHz ~ 40GHz     | Apr. 16, 2020    | Apr. 15, 2021        | Radiation (03CH01-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-16    | 1 GHz ~ 18 GHz   | Oct. 07, 2019    | Oct. 06, 2020        | Radiation (03CH01-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-16+17 | 1 GHz ~ 18 GHz   | Oct. 07, 2019    | Oct. 06, 2020        | Radiation (03CH01-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 24, 2019    | Jul. 23, 2020        | Radiation (03CH01-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH01-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 24, 2019    | Jul. 23, 2020        | Radiation (03CH01-CB) |
| RF Cable-high     | Woken          | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH01-CB) |
| Horn Antenna      | ETS • Lindgren | 3115          | 00143147         | 750MHz~18GHz     | Oct. 22, 2019    | Oct. 21, 2020        | Radiation (03CH04-CB) |
| Horn Antenna      | SCHWARZBECK    | BBHA 9170     | BBHA9170507      | 15GHz ~ 40GHz    | Jun. 11, 2020    | Jun. 10, 2021        | Radiation (03CH04-CB) |
| Pre-Amplifier     | Agilent        | 83017A        | MY53270063       | 0.5GHz ~ 26.5GHz | Mar. 11, 2020    | Mar. 10, 2021        | Radiation (03CH04-CB) |
| Pre-Amplifier     | Agilent        | 83017A        | MY53270063       | 0.5GHz ~ 26.5GHz | Jul. 14, 2020    | Jul. 13, 2021        | Radiation (03CH04-CB) |



| Instrument        | Manufacturer | Model No.     | Serial No.       | Characteristics  | Calibration Date | Calibration Due Date | Remark                |
|-------------------|--------------|---------------|------------------|------------------|------------------|----------------------|-----------------------|
| Pre-Amplifier     | MITEQ        | TTA1840-35-HG | 1864479          | 18GHz ~ 40GHz    | Jul. 08, 2020    | Jul. 07, 2021        | Radiation (03CH04-CB) |
| Amplifier         | -            | -             | TF-130N-R1       | 18GHz ~ 40GHz    | Jun. 19, 2020    | Jun. 18, 2021        | Radiation (03CH04-CB) |
| Spectrum Analyzer | R&S          | FSP40         | 100142           | 9kHz~40GHz       | Dec. 18, 2019    | Dec. 17, 2020        | Radiation (03CH04-CB) |
| RF Cable-high     | Woken        | RG402         | High Cable-21    | 1GHz - 18GHz     | Feb. 01, 2020    | Jan. 31, 2021        | Radiation (03CH04-CB) |
| RF Cable-high     | Woken        | RG402         | High Cable-21    | 1GHz - 18GHz     | Jul. 07, 2020    | Jul. 06, 2021        | Radiation (03CH04-CB) |
| RF Cable-high     | Woken        | RG402         | High Cable-21+22 | 1GHz - 18GHz     | Feb. 01, 2020    | Jan. 31, 2021        | Radiation (03CH04-CB) |
| RF Cable-high     | Woken        | RG402         | High Cable-40G#1 | 18GHz ~ 40 GHz   | Jul. 24, 2019    | Jul. 23, 2020        | 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#2 | 18GHz ~ 40 GHz   | Jul. 24, 2019    | Jul. 23, 2020        | Radiation (03CH04-CB) |
| RF Cable-high     | Woken        | RG402         | High Cable-40G#2 | 18GHz ~ 40 GHz   | Jul. 16, 2020    | Jul. 15, 2021        | Radiation (03CH04-CB) |
| Signal Analyzer   | R&S          | FSV40         | 101904           | 9kHz ~ 40GHz     | May 12, 2020     | May 11, 2021         | Conducted (TH02-CB)   |
| Power Sensor      | Anritsu      | MA2411B       | 1126203          | 300MHz~40GHz     | Sep. 11, 2019    | Sep. 10, 2020        | Conducted (TH02-CB)   |
| Power Meter       | Anritsu      | ML2495A       | 1210004          | 300MHz~40GHz     | Sep. 11, 2019    | Sep. 10, 2020        | Conducted (TH02-CB)   |
| RF Cable-high     | Woken        | RG402         | High Cable-01    | 1 GHz – 26.5 GHz | Oct. 07, 2019    | Oct. 06, 2020        | Conducted (TH02-CB)   |
| RF Cable-high     | Woken        | RG402         | High Cable-02    | 1 GHz – 26.5 GHz | Oct. 07, 2019    | Oct. 06, 2020        | Conducted (TH02-CB)   |
| RF Cable-high     | Woken        | RG402         | High Cable-3     | 1 GHz – 26.5 GHz | Oct. 07, 2019    | Oct. 06, 2020        | Conducted (TH02-CB)   |
| RF Cable-high     | Woken        | RG402         | High Cable-04    | 1 GHz – 26.5 GHz | Oct. 07, 2019    | Oct. 06, 2020        | Conducted (TH02-CB)   |
| RF Cable-high     | Woken        | RG402         | High Cable-05    | 1 GHz – 26.5 GHz | Oct. 07, 2019    | Oct. 06, 2020        | Conducted (TH02-CB)   |

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

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



## Conducted Emissions at Power line

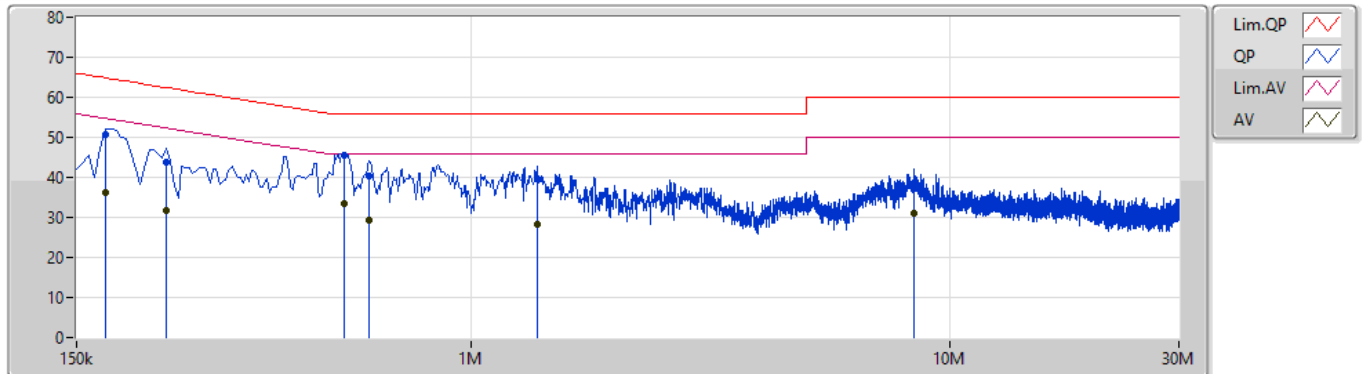
Appendix A

### Summary

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 4 | Pass   | QP   | 541.5k       | 45.53           | 56.00           | -10.47         | Line      |

### Mode 4

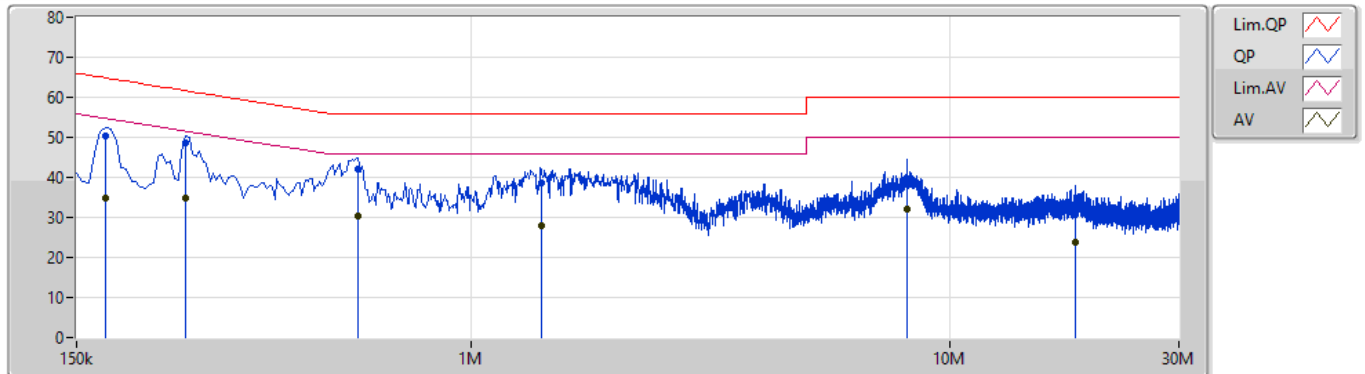
17/07/2020



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|------------|------------|------------|--|--|--|
| QP   | 172.5k       | 50.71           | 64.83           | -14.12         | 9.87           | Line      | -       | 40.84         | 0.05       | 0.03       | 9.79       |  |  |  |
| AV   | 172.5k       | 36.36           | 54.83           | -18.47         | 9.87           | Line      | -       | 26.49         | 0.05       | 0.03       | 9.79       |  |  |  |
| QP   | 231k         | 43.95           | 62.41           | -18.46         | 9.86           | Line      | -       | 34.09         | 0.04       | 0.03       | 9.79       |  |  |  |
| AV   | 231k         | 31.68           | 52.41           | -20.73         | 9.86           | Line      | -       | 21.82         | 0.04       | 0.03       | 9.79       |  |  |  |
| QP   | 541.5k       | 45.53           | 56.00           | -10.47         | 9.88           | Line      | "Worst" | 35.65         | 0.04       | 0.03       | 9.81       |  |  |  |
| AV   | 541.5k       | 33.53           | 46.00           | -12.47         | 9.88           | Line      | -       | 23.65         | 0.04       | 0.03       | 9.81       |  |  |  |
| QP   | 613.5k       | 40.40           | 56.00           | -15.60         | 9.88           | Line      | -       | 30.52         | 0.04       | 0.03       | 9.81       |  |  |  |
| AV   | 613.5k       | 29.18           | 46.00           | -16.82         | 9.88           | Line      | -       | 19.30         | 0.04       | 0.03       | 9.81       |  |  |  |
| QP   | 1.374M       | 39.66           | 56.00           | -16.34         | 9.92           | Line      | -       | 29.74         | 0.05       | 0.05       | 9.82       |  |  |  |
| AV   | 1.374M       | 28.26           | 46.00           | -17.74         | 9.92           | Line      | -       | 18.34         | 0.05       | 0.05       | 9.82       |  |  |  |
| QP   | 8.412M       | 37.16           | 60.00           | -22.84         | 10.20          | Line      | -       | 26.96         | 0.15       | 0.15       | 9.90       |  |  |  |
| AV   | 8.412M       | 31.16           | 50.00           | -18.84         | 10.20          | Line      | -       | 20.96         | 0.15       | 0.15       | 9.90       |  |  |  |

### Mode 4

17/07/2020



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|------------|------------|------------|--|--|--|
| QP   | 172.5k       | 50.25           | 64.83           | -14.58         | 9.86           | Neutral   | -       | 40.39         | 0.04       | 0.03       | 9.79       |  |  |  |
| AV   | 172.5k       | 34.70           | 54.83           | -20.13         | 9.86           | Neutral   | -       | 24.84         | 0.04       | 0.03       | 9.79       |  |  |  |
| QP   | 253.5k       | 48.53           | 61.64           | -13.11         | 9.87           | Neutral   | "Worst" | 38.66         | 0.04       | 0.03       | 9.80       |  |  |  |
| AV   | 253.5k       | 34.82           | 51.64           | -16.82         | 9.87           | Neutral   | -       | 24.95         | 0.04       | 0.03       | 9.80       |  |  |  |
| QP   | 582k         | 41.91           | 56.00           | -14.09         | 9.89           | Neutral   | -       | 32.02         | 0.05       | 0.03       | 9.81       |  |  |  |
| AV   | 582k         | 30.33           | 46.00           | -15.67         | 9.89           | Neutral   | -       | 20.44         | 0.05       | 0.03       | 9.81       |  |  |  |
| QP   | 1.397M       | 38.52           | 56.00           | -17.48         | 9.93           | Neutral   | -       | 28.59         | 0.06       | 0.05       | 9.82       |  |  |  |
| AV   | 1.397M       | 27.78           | 46.00           | -18.22         | 9.93           | Neutral   | -       | 17.85         | 0.06       | 0.05       | 9.82       |  |  |  |
| QP   | 8.133M       | 38.33           | 60.00           | -21.67         | 10.20          | Neutral   | -       | 28.13         | 0.15       | 0.15       | 9.90       |  |  |  |
| AV   | 8.133M       | 32.01           | 50.00           | -17.99         | 10.20          | Neutral   | -       | 21.81         | 0.15       | 0.15       | 9.90       |  |  |  |
| QP   | 18.191M      | 30.66           | 60.00           | -29.34         | 10.47          | Neutral   | -       | 20.19         | 0.20       | 0.30       | 9.97       |  |  |  |
| AV   | 18.191M      | 23.89           | 50.00           | -26.11         | 10.47          | Neutral   | -       | 13.42         | 0.20       | 0.30       | 9.97       |  |  |  |

**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)_4TX        | 21.54M           | 16.882M         | 16M9D1D  | 21.09M           | 16.672M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 25.26M           | 19.19M          | 19M2D1D  | 21.36M           | 19.01M          |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 46.32M           | 37.721M         | 37M7D1D  | 40.08M           | 37.541M         |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 81.72M           | 77.121M         | 77M1D1D  | 81.36M           | 77.001M         |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 83.04M           | 77.841M         | 77M8D1D  | 82.2M            | 77.601M         |
| 5.25-5.35GHz                    | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 21.51M           | 16.852M         | 16M9D1D  | 21.15M           | 16.672M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 21.57M           | 19.07M          | 19M1D1D  | 21.27M           | 19.01M          |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 40.2M            | 37.601M         | 37M6D1D  | 40.02M           | 37.541M         |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 81.72M           | 77.121M         | 77M1D1D  | 81.24M           | 77.001M         |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 83.64M           | 77.481M         | 77M5D1D  | 82.44M           | 77.361M         |
| 5.47-5.725GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 21.39M           | 16.852M         | 16M9D1D  | 15.628M          | 13.363M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 21.54M           | 19.07M          | 19M1D1D  | 15.698M          | 14.518M         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 40.2M            | 37.661M         | 37M7D1D  | 35.1M            | 33.696M         |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 81.84M           | 77.241M         | 77M2D1D  | 75.64M           | 73.123M         |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 165.84M          | 155.682M        | 156MD1D  | 164.4M           | 155.202M        |
| 5.725-5.85GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 16.32M           | 22.309M         | 22M3D1D  | 3.105M           | 4.123M          |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 18.9M            | 21.859M         | 21M9D1D  | 4.38M            | 4.633M          |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 37.38M           | 38.261M         | 38M3D1D  | 3.735M           | 4.063M          |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 77.04M           | 77.481M         | 77M5D1D  | 3.6M             | 4.108M          |

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;

**Result**

| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) | Port 3-N dB<br>(Hz) | Port 3-OBW<br>(Hz) | Port 4-N dB<br>(Hz) | Port 4-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -             | -                   | -                  | -                   | -                  | -                   | -                  | -                   | -                  |
| 5180MHz                        | Pass   | Inf           | 21.21M              | 16.792M            | 21.39M              | 16.822M            | 21.15M              | 16.702M            | 21.09M              | 16.672M            |
| 5200MHz                        | Pass   | Inf           | 21.21M              | 16.822M            | 21.3M               | 16.822M            | 21.24M              | 16.702M            | 21.21M              | 16.672M            |
| 5240MHz                        | Pass   | Inf           | 21.3M               | 16.882M            | 21.42M              | 16.882M            | 21.54M              | 16.762M            | 21.21M              | 16.732M            |
| 5260MHz                        | Pass   | Inf           | 21.33M              | 16.852M            | 21.42M              | 16.822M            | 21.18M              | 16.732M            | 21.15M              | 16.672M            |
| 5300MHz                        | Pass   | Inf           | 21.51M              | 16.822M            | 21.42M              | 16.852M            | 21.21M              | 16.702M            | 21.24M              | 16.702M            |
| 5320MHz                        | Pass   | Inf           | 21.33M              | 16.822M            | 21.45M              | 16.852M            | 21.24M              | 16.732M            | 21.21M              | 16.672M            |
| 5500MHz                        | Pass   | Inf           | 21.21M              | 16.822M            | 21.39M              | 16.822M            | 21.21M              | 16.732M            | 21.12M              | 16.672M            |
| 5580MHz                        | Pass   | Inf           | 21.39M              | 16.822M            | 21.3M               | 16.822M            | 21.15M              | 16.762M            | 21.3M               | 16.642M            |
| 5700MHz                        | Pass   | Inf           | 21.24M              | 16.852M            | 21.24M              | 16.822M            | 21.21M              | 16.732M            | 21.06M              | 16.672M            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.785M             | 13.486M            | 15.628M             | 13.451M            | 15.645M             | 13.433M            | 15.68M              | 13.363M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.12M               | 4.228M             | 3.12M               | 4.258M             | 3.105M              | 4.123M             | 3.12M               | 4.138M             |
| 5745MHz                        | Pass   | 500k          | 16.29M              | 21.019M            | 16.29M              | 18.321M            | 16.29M              | 18.711M            | 16.32M              | 17.421M            |
| 5785MHz                        | Pass   | 500k          | 16.32M              | 17.961M            | 16.32M              | 18.531M            | 16.32M              | 17.871M            | 16.32M              | 17.601M            |
| 5825MHz                        | Pass   | 500k          | 16.32M              | 18.561M            | 16.05M              | 22.309M            | 16.32M              | 20.48M             | 16.32M              | 19.55M             |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -             | -                   | -                  | -                   | -                  | -                   | -                  | -                   | -                  |
| 5180MHz                        | Pass   | Inf           | 21.66M              | 19.1M              | 21.48M              | 19.07M             | 21.54M              | 19.04M             | 21.42M              | 19.01M             |
| 5200MHz                        | Pass   | Inf           | 25.26M              | 19.16M             | 24.63M              | 19.13M             | 24.66M              | 19.1M              | 24.69M              | 19.13M             |
| 5240MHz                        | Pass   | Inf           | 21.48M              | 19.19M             | 22.26M              | 19.1M              | 21.78M              | 19.1M              | 21.36M              | 19.04M             |
| 5260MHz                        | Pass   | Inf           | 21.54M              | 19.07M             | 21.45M              | 19.07M             | 21.27M              | 19.04M             | 21.36M              | 19.01M             |
| 5300MHz                        | Pass   | Inf           | 21.57M              | 19.07M             | 21.48M              | 19.07M             | 21.39M              | 19.01M             | 21.42M              | 19.01M             |
| 5320MHz                        | Pass   | Inf           | 21.48M              | 19.04M             | 21.45M              | 19.04M             | 21.45M              | 19.04M             | 21.57M              | 19.01M             |
| 5500MHz                        | Pass   | Inf           | 21.48M              | 19.04M             | 21.39M              | 19.04M             | 21.42M              | 19.04M             | 21.42M              | 19.04M             |
| 5580MHz                        | Pass   | Inf           | 21.51M              | 19.07M             | 21.45M              | 19.04M             | 21.36M              | 19.04M             | 21.42M              | 19.01M             |
| 5700MHz                        | Pass   | Inf           | 21.54M              | 19.04M             | 21.39M              | 19.04M             | 21.36M              | 19.04M             | 21.33M              | 19.01M             |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 15.978M             | 14.57M             | 15.733M             | 14.553M            | 15.698M             | 14.535M            | 15.768M             | 14.518M            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 4.425M              | 4.648M             | 4.41M               | 4.648M             | 4.38M               | 4.633M             | 4.44M               | 4.633M             |
| 5745MHz                        | Pass   | 500k          | 18.87M              | 21.229M            | 18.72M              | 19.43M             | 18.66M              | 19.52M             | 18.69M              | 19.28M             |
| 5785MHz                        | Pass   | 500k          | 18.9M               | 19.31M             | 18.81M              | 19.52M             | 18.72M              | 19.34M             | 18.78M              | 19.28M             |
| 5825MHz                        | Pass   | 500k          | 18.69M              | 19.55M             | 18.57M              | 21.859M            | 18.6M               | 20.84M             | 18.6M               | 20.09M             |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -             | -                   | -                  | -                   | -                  | -                   | -                  | -                   | -                  |
| 5190MHz                        | Pass   | Inf           | 40.14M              | 37.541M            | 40.14M              | 37.541M            | 40.2M               | 37.541M            | 40.08M              | 37.601M            |
| 5230MHz                        | Pass   | Inf           | 45.84M              | 37.721M            | 43.86M              | 37.721M            | 43.74M              | 37.661M            | 46.32M              | 37.721M            |
| 5270MHz                        | Pass   | Inf           | 40.02M              | 37.541M            | 40.14M              | 37.541M            | 40.14M              | 37.601M            | 40.08M              | 37.541M            |
| 5310MHz                        | Pass   | Inf           | 40.08M              | 37.541M            | 40.2M               | 37.541M            | 40.14M              | 37.601M            | 40.02M              | 37.601M            |
| 5510MHz                        | Pass   | Inf           | 40.08M              | 37.541M            | 40.2M               | 37.601M            | 40.02M              | 37.541M            | 39.9M               | 37.541M            |
| 5550MHz                        | Pass   | Inf           | 40.08M              | 37.601M            | 39.96M              | 37.481M            | 40.14M              | 37.541M            | 39.78M              | 37.601M            |
| 5670MHz                        | Pass   | Inf           | 40.2M               | 37.541M            | 40.02M              | 37.601M            | 39.96M              | 37.661M            | 40.02M              | 37.541M            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf           | 35.1M               | 33.733M            | 35.1M               | 33.696M            | 35.213M             | 33.696M            | 35.138M             | 33.696M            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k          | 3.885M              | 4.123M             | 3.795M              | 4.078M             | 3.855M              | 4.078M             | 3.735M              | 4.063M             |
| 5755MHz                        | Pass   | 500k          | 37.26M              | 38.261M            | 36.36M              | 37.901M            | 37.38M              | 37.961M            | 36.9M               | 37.781M            |
| 5795MHz                        | Pass   | 500k          | 37.38M              | 37.961M            | 36.12M              | 38.261M            | 37.14M              | 38.081M            | 37.26M              | 37.901M            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -             | -                   | -                  | -                   | -                  | -                   | -                  | -                   | -                  |
| 5210MHz                        | Pass   | Inf           | 81.72M              | 77.121M            | 81.48M              | 77.121M            | 81.72M              | 77.121M            | 81.36M              | 77.001M            |

| Mode                            | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) | Port 3-N dB<br>(Hz) | Port 3-OBW<br>(Hz) | Port 4-N dB<br>(Hz) | Port 4-OBW<br>(Hz) |
|---------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| 5290MHz                         | Pass   | Inf           | 81.72M              | 77.121M            | 81.36M              | 77.001M            | 81.24M              | 77.001M            | 81.36M              | 77.121M            |
| 5530MHz                         | Pass   | Inf           | 81.6M               | 77.121M            | 81.36M              | 77.121M            | 81.48M              | 77.121M            | 81.36M              | 77.121M            |
| 5610MHz                         | Pass   | Inf           | 81.84M              | 77.241M            | 81.12M              | 77.121M            | 81.6M               | 77.241M            | 81.48M              | 77.001M            |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | Inf           | 75.873M             | 73.123M            | 75.795M             | 73.123M            | 75.795M             | 73.201M            | 75.64M              | 73.123M            |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 500k          | 3.975M              | 4.168M             | 3.795M              | 4.123M             | 3.6M                | 4.138M             | 3.72M               | 4.108M             |
| 5775MHz                         | Pass   | 500k          | 76.8M               | 77.481M            | 76.32M              | 77.241M            | 76.2M               | 77.241M            | 77.04M              | 77.241M            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -      | -             | -                   | -                  | -                   | -                  | -                   | -                  | -                   | -                  |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | Inf           | 82.2M               | 77.601M            | 82.44M              | 77.841M            | 82.2M               | 77.721M            | 83.04M              | 77.721M            |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | Inf           | 82.44M              | 77.481M            | 83.64M              | 77.481M            | 82.44M              | 77.361M            | 83.16M              | 77.481M            |
| 5570MHz                         | Pass   | Inf           | 165.36M             | 155.682M           | 165.12M             | 155.202M           | 164.4M              | 155.682M           | 165.84M             | 155.442M           |

**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

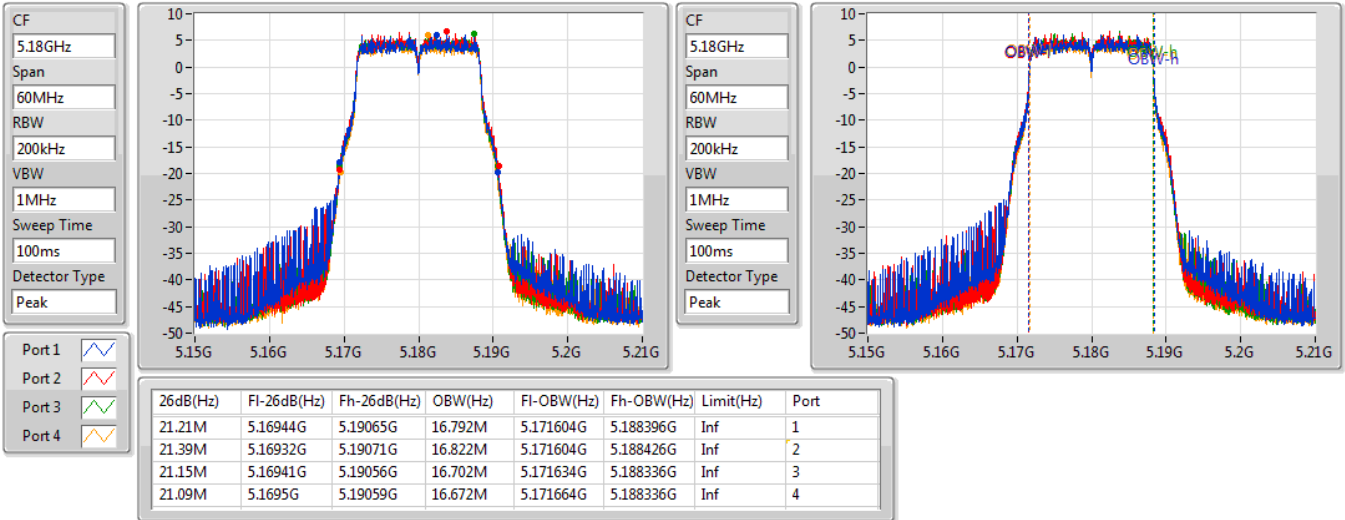
**Port X-OBW** = Port X 99% occupied bandwidth;

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

EBW

5180MHz

16/07/2020

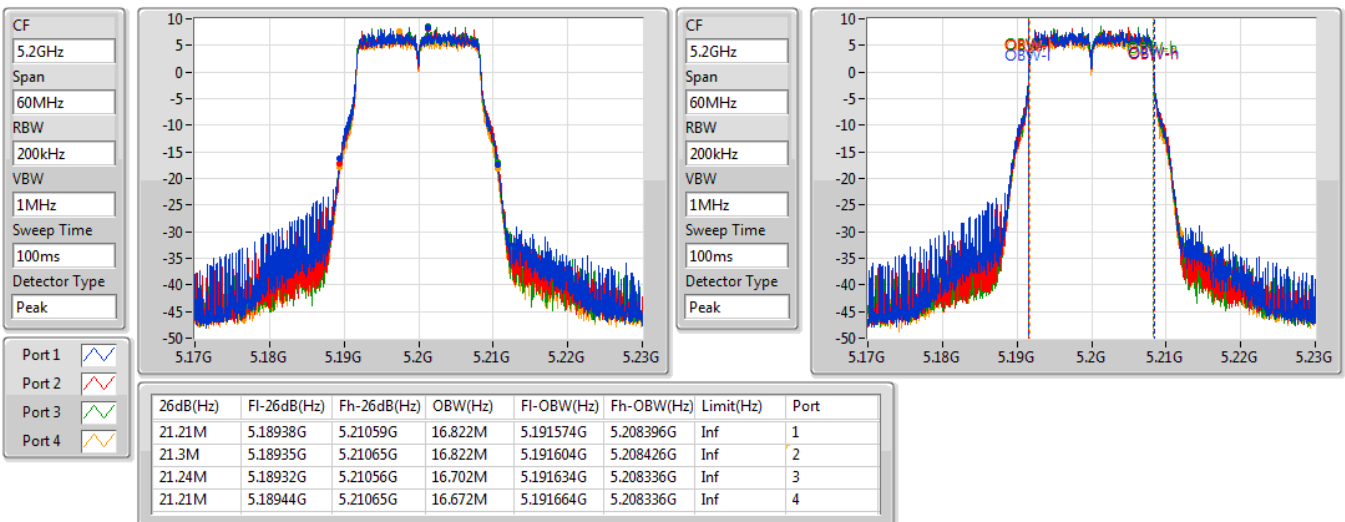


## 802.11a\_Nss1,(6Mbps)\_4TX

EBW

5200MHz

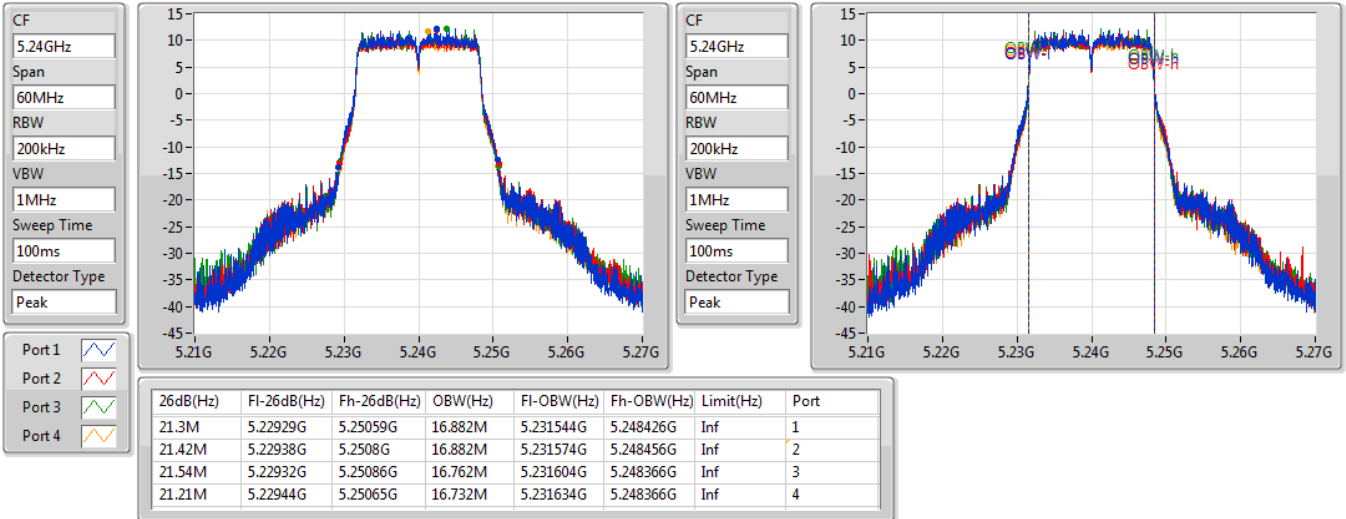
16/07/2020



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

**EBW**
**5240MHz**

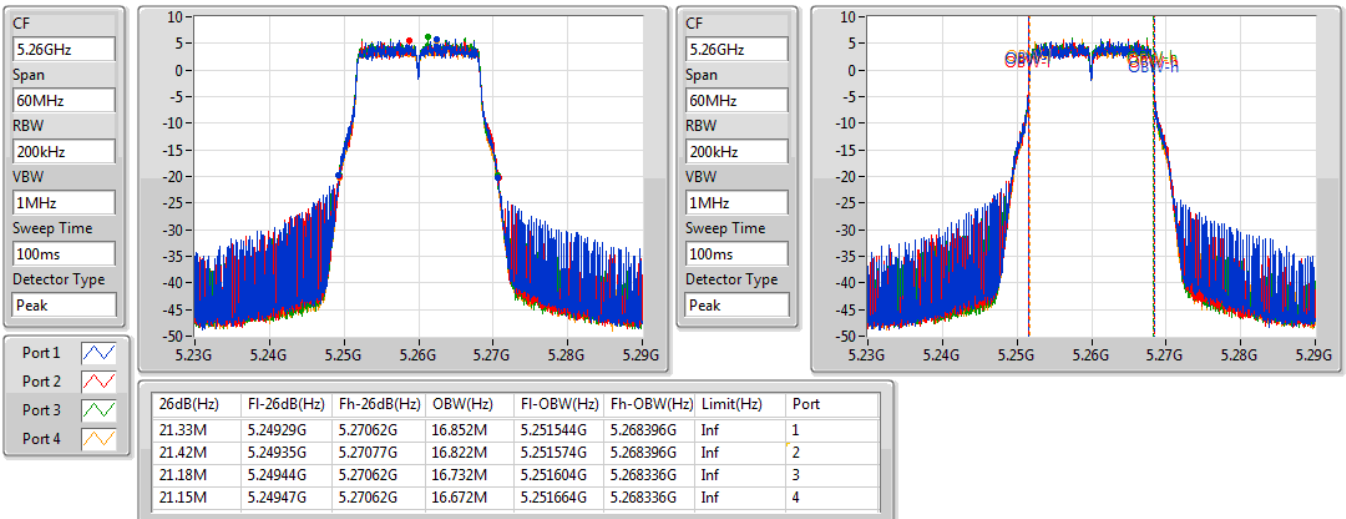
16/07/2020



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

**EBW**
**5260MHz**

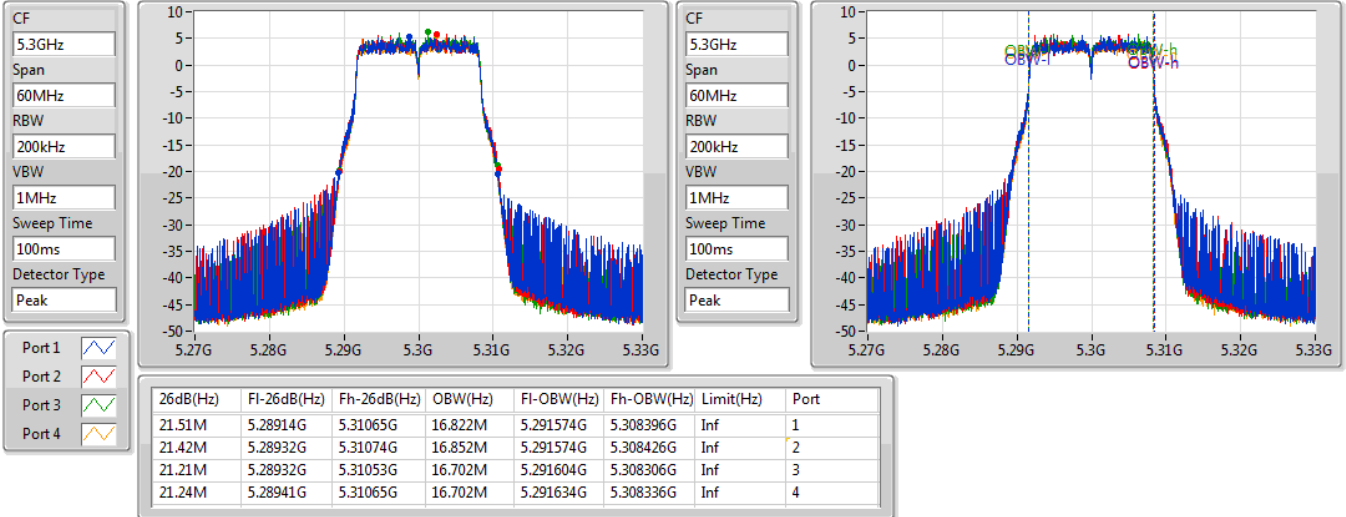
16/07/2020



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

**EBW**
**5300MHz**

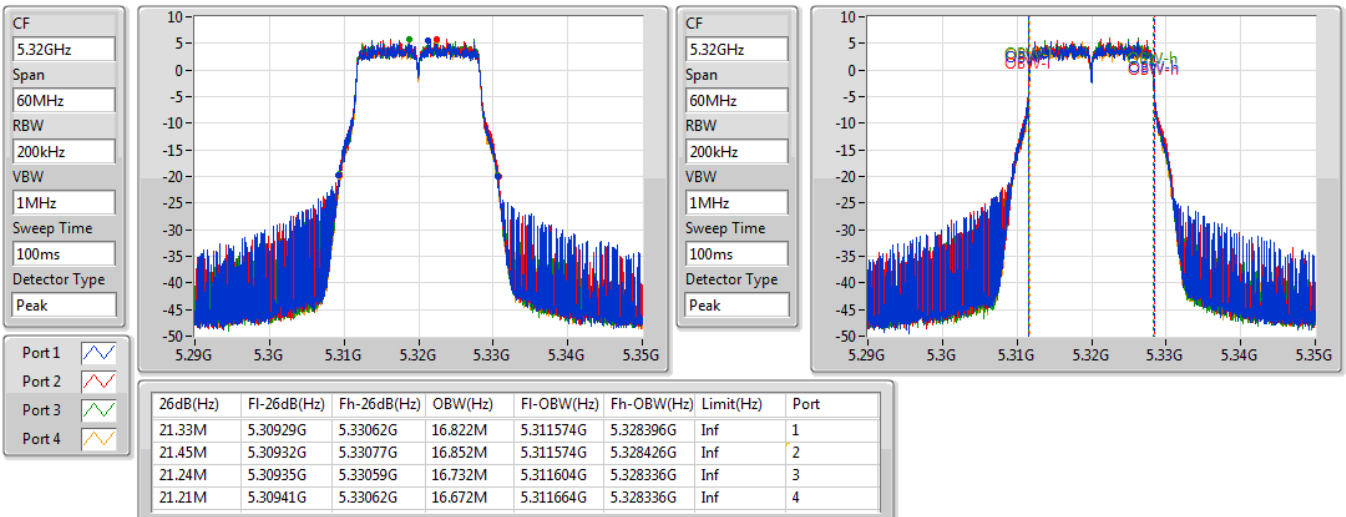
16/07/2020



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

**EBW**
**5320MHz**

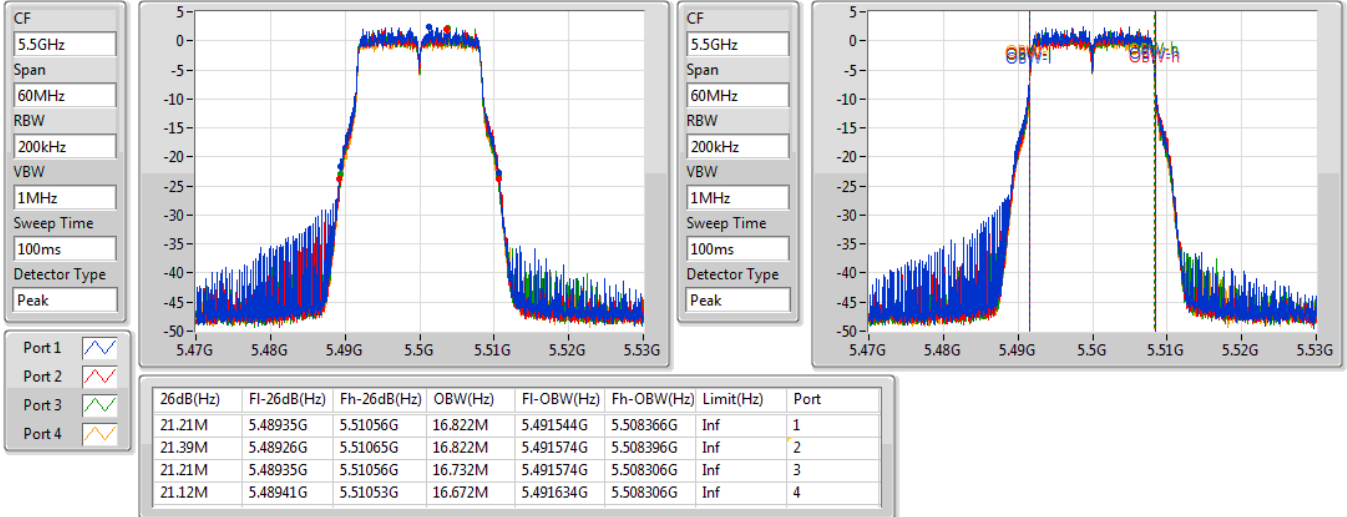
16/07/2020



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

**EBW**
**5500MHz**

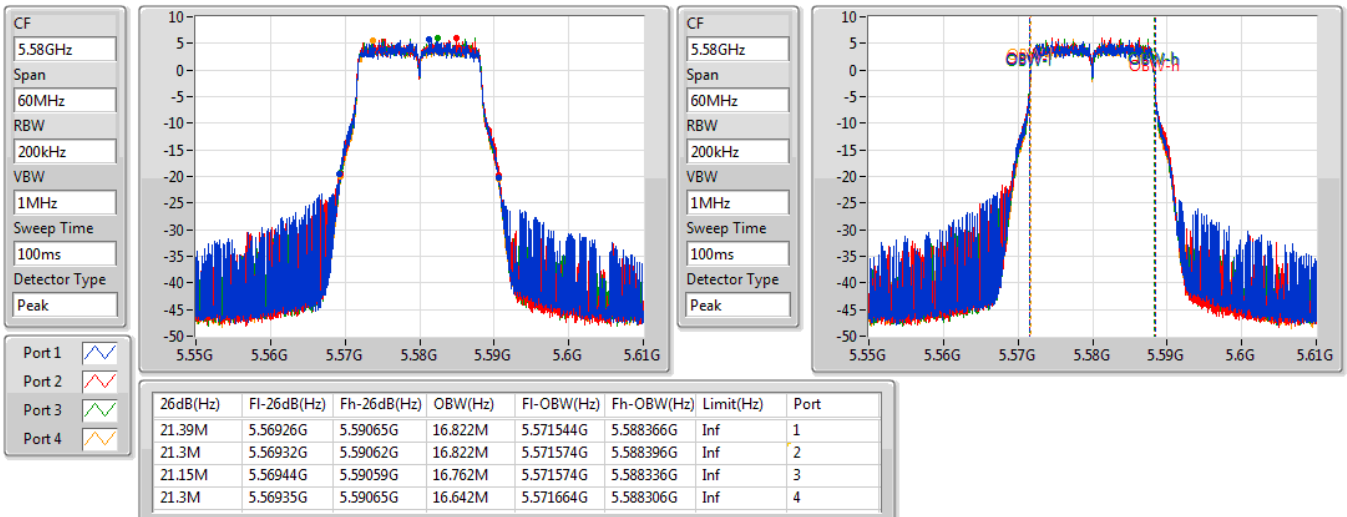
16/07/2020



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

**EBW**
**5580MHz**

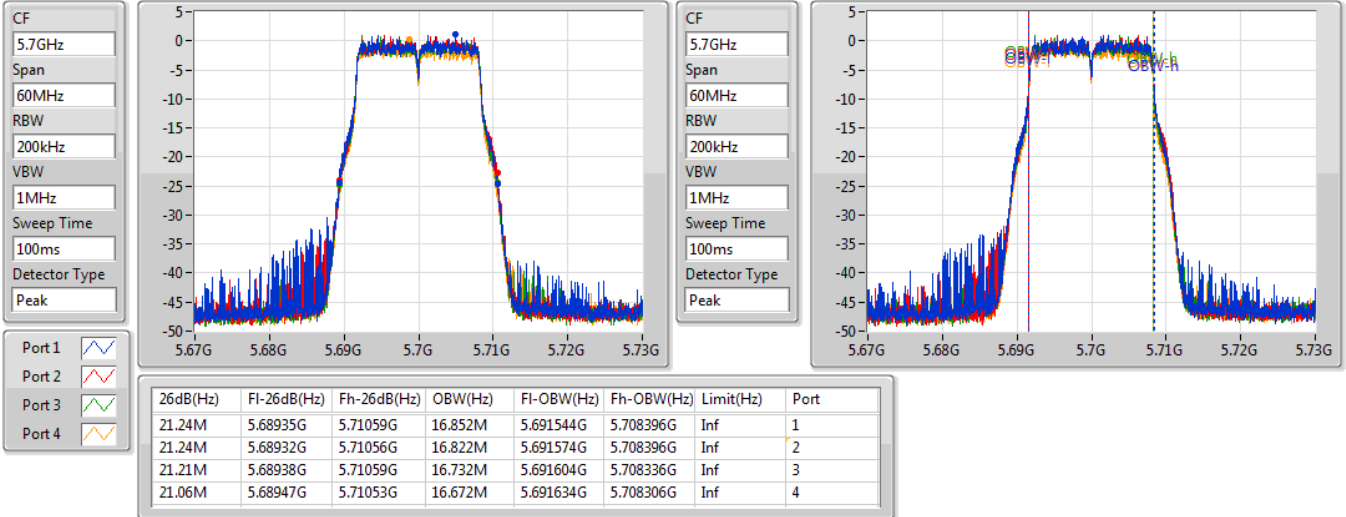
16/07/2020



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

**EBW**
**5700MHz**

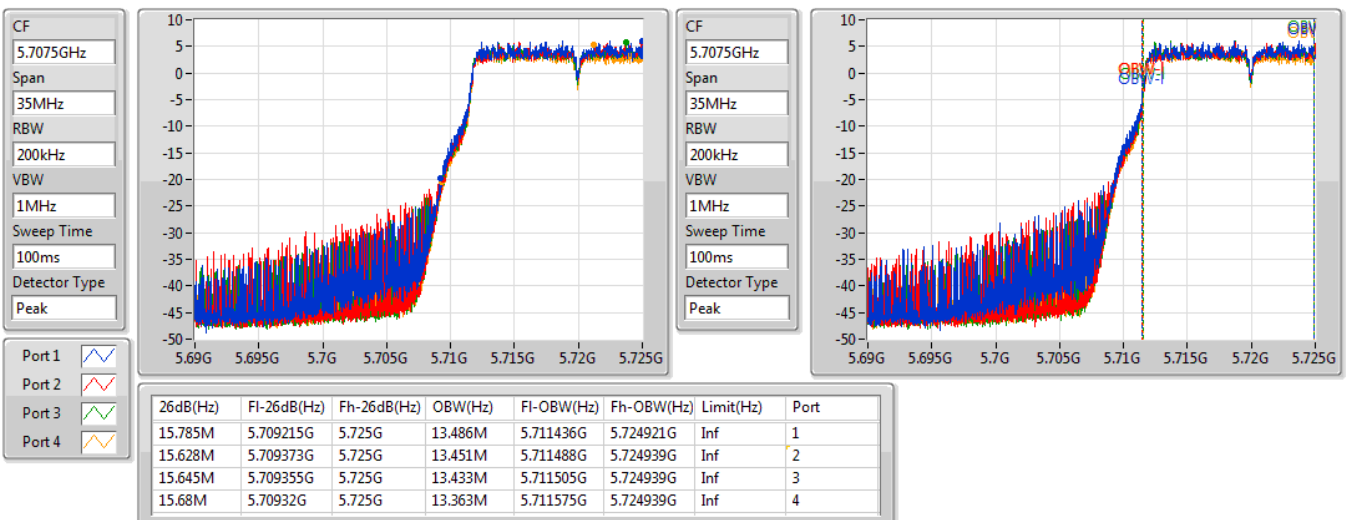
16/07/2020



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

**EBW**
**5720MHz Straddle 5.47-5.725GHz**

16/07/2020

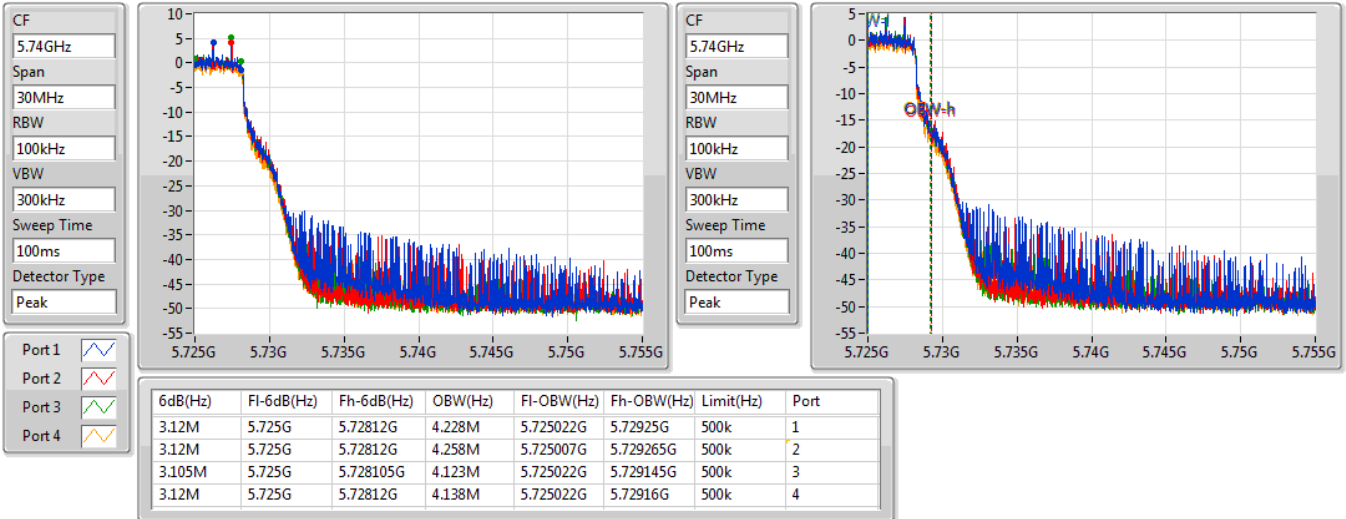


## 802.11a\_Nss1,(6Mbps)\_4TX

**EBW**

### 5720MHz Straddle 5.725-5.85GHz

16/07/2020

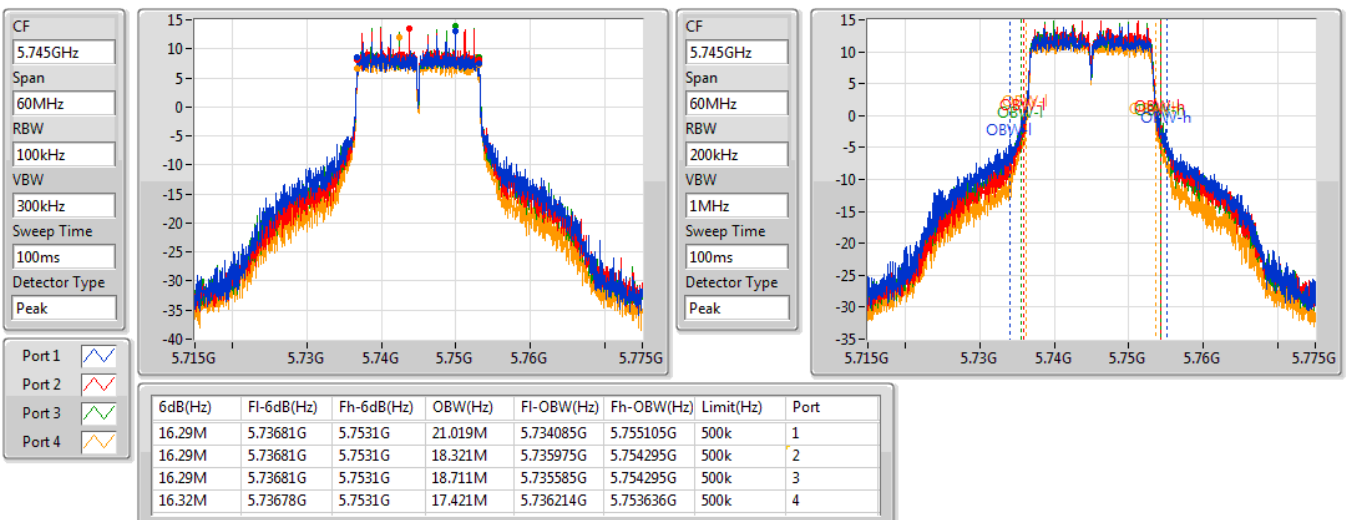


## 802.11a\_Nss1,(6Mbps)\_4TX

**EBW**

### 5745MHz

16/07/2020

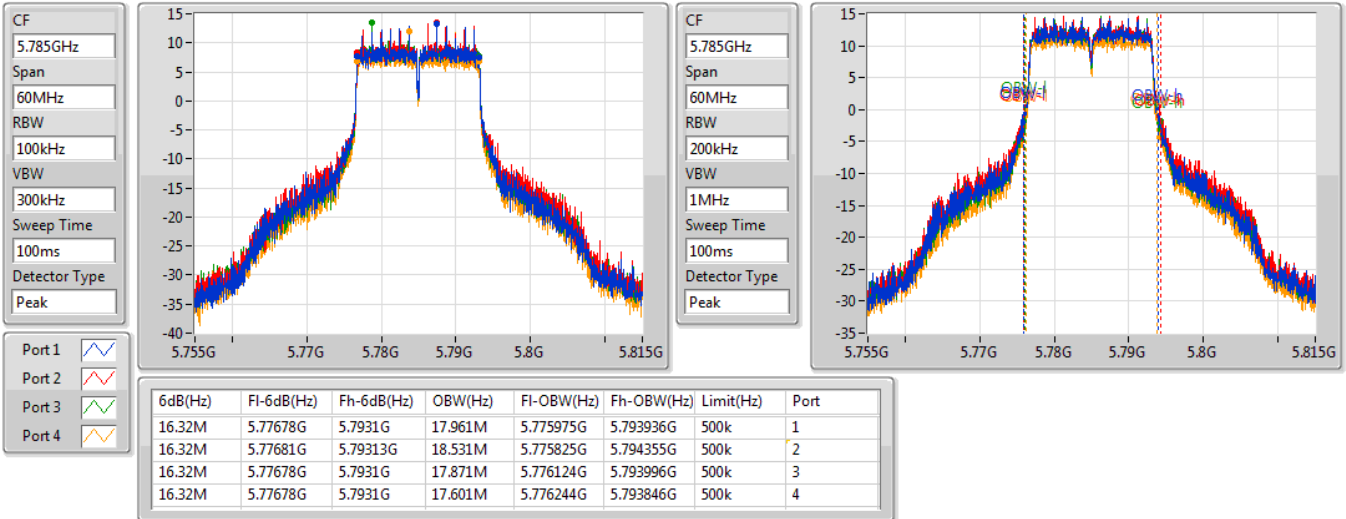


## 802.11a\_Nss1,(6Mbps)\_4TX

EBW

5785MHz

16/07/2020

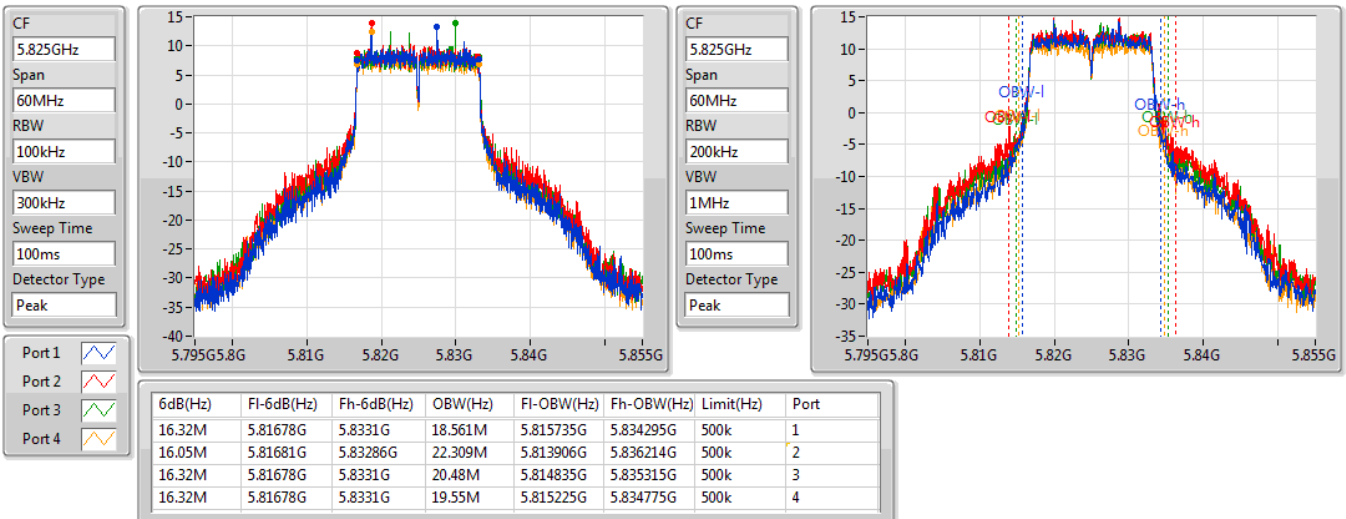


## 802.11a\_Nss1,(6Mbps)\_4TX

EBW

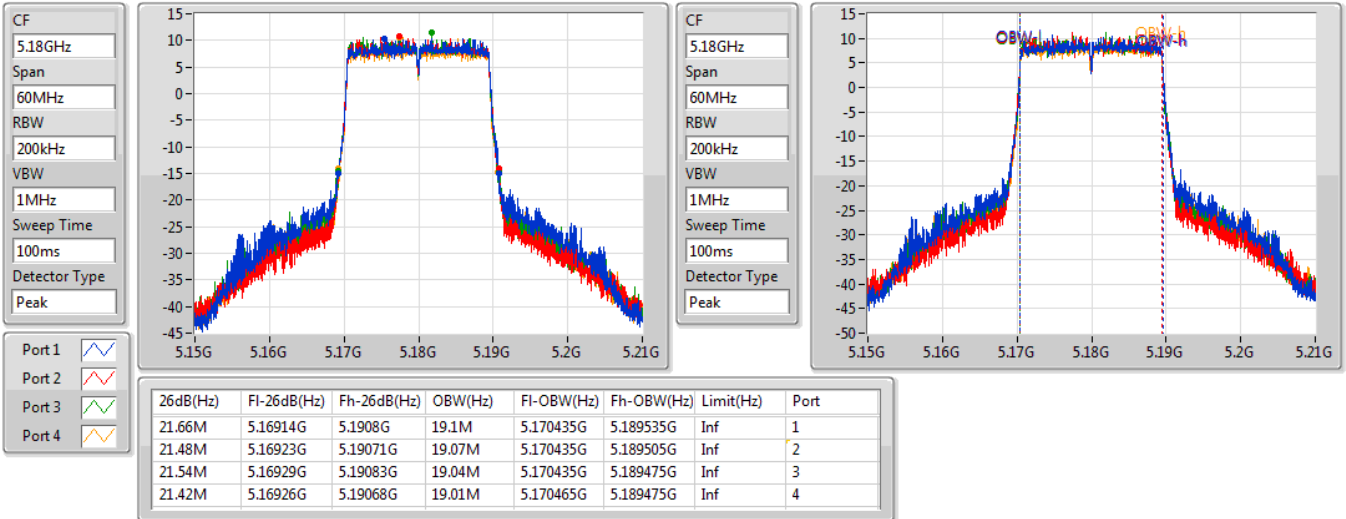
5825MHz

16/07/2020

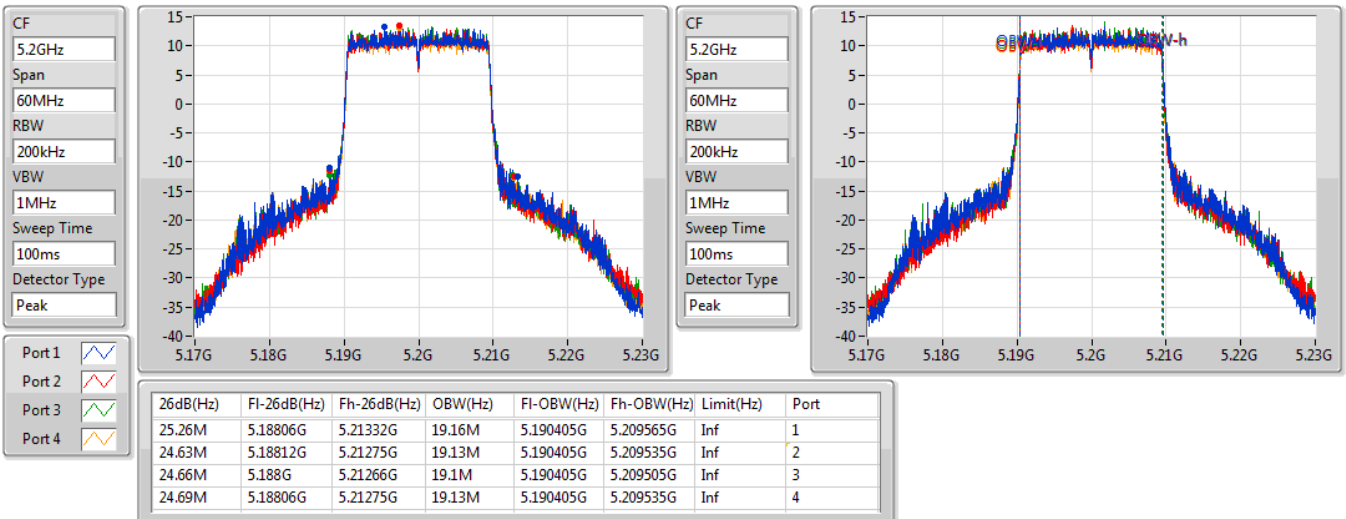


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5180MHz**

16/07/2020


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5200MHz**

16/07/2020

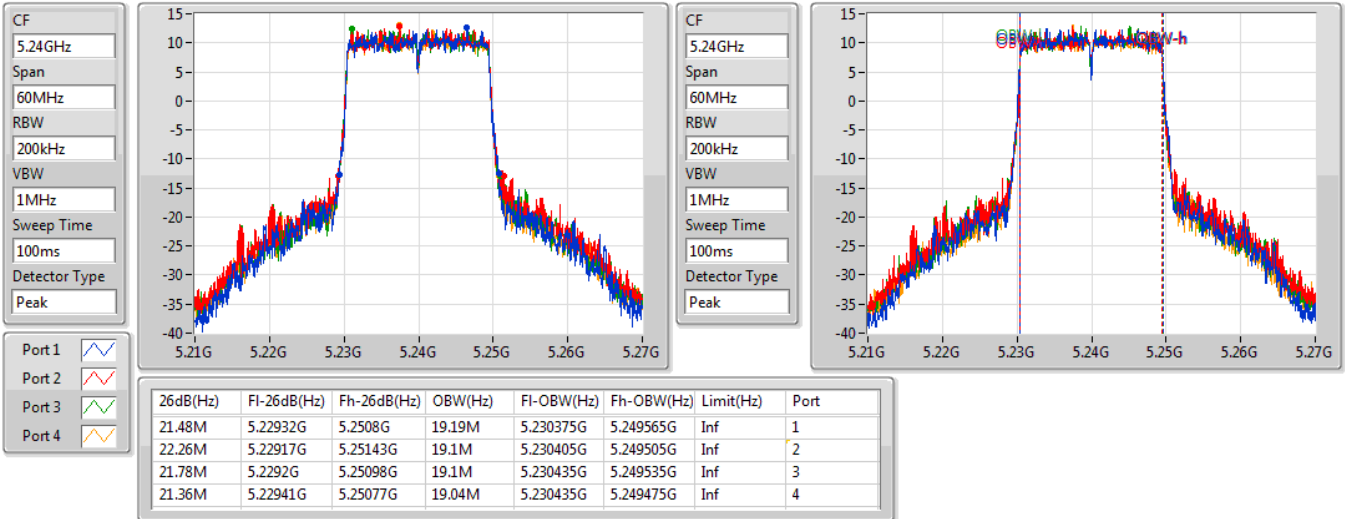


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5240MHz

16/07/2020

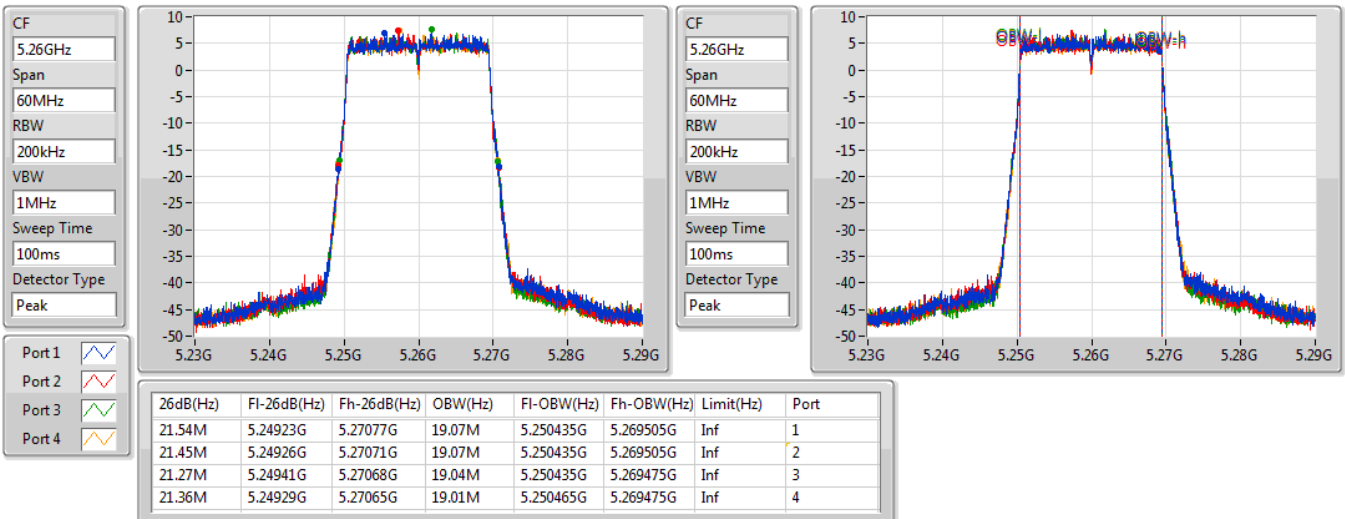


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

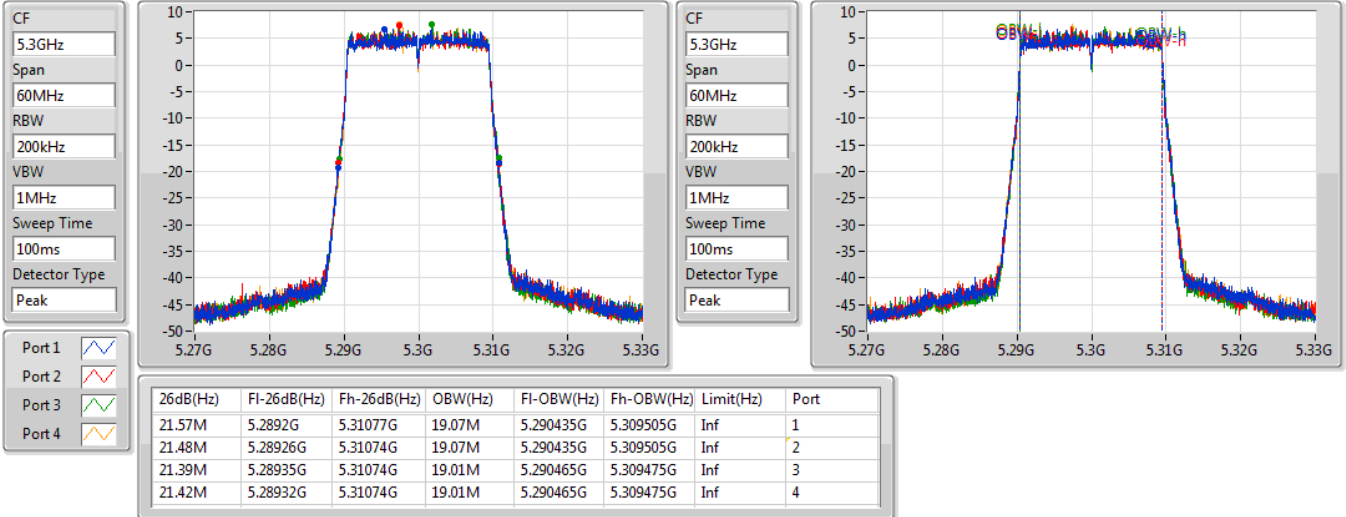
5260MHz

16/07/2020

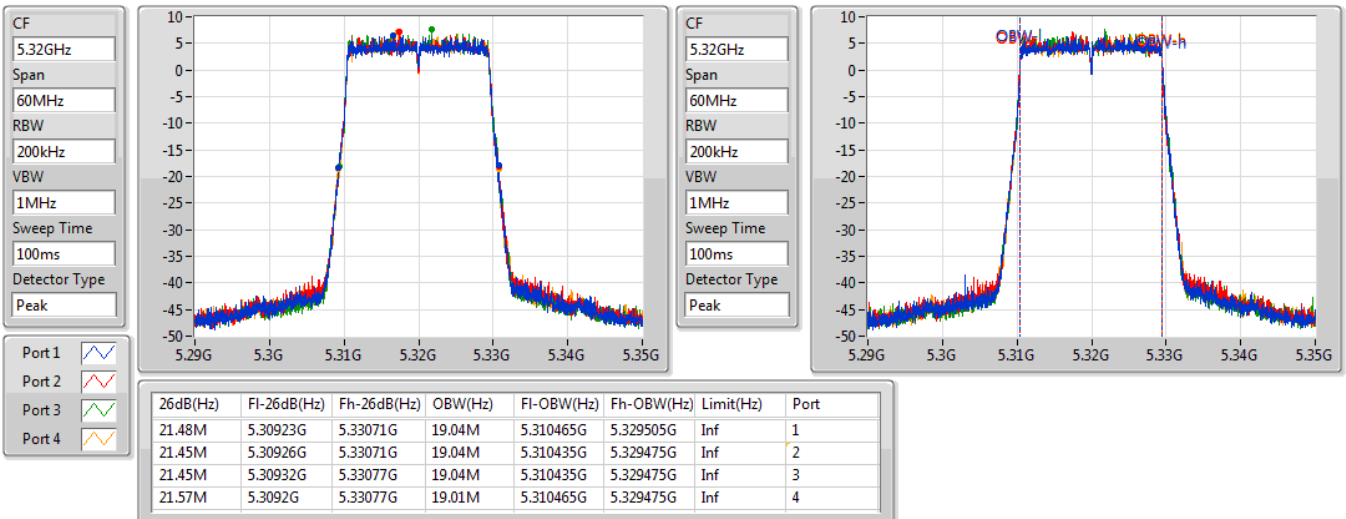


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5300MHz**

16/07/2020

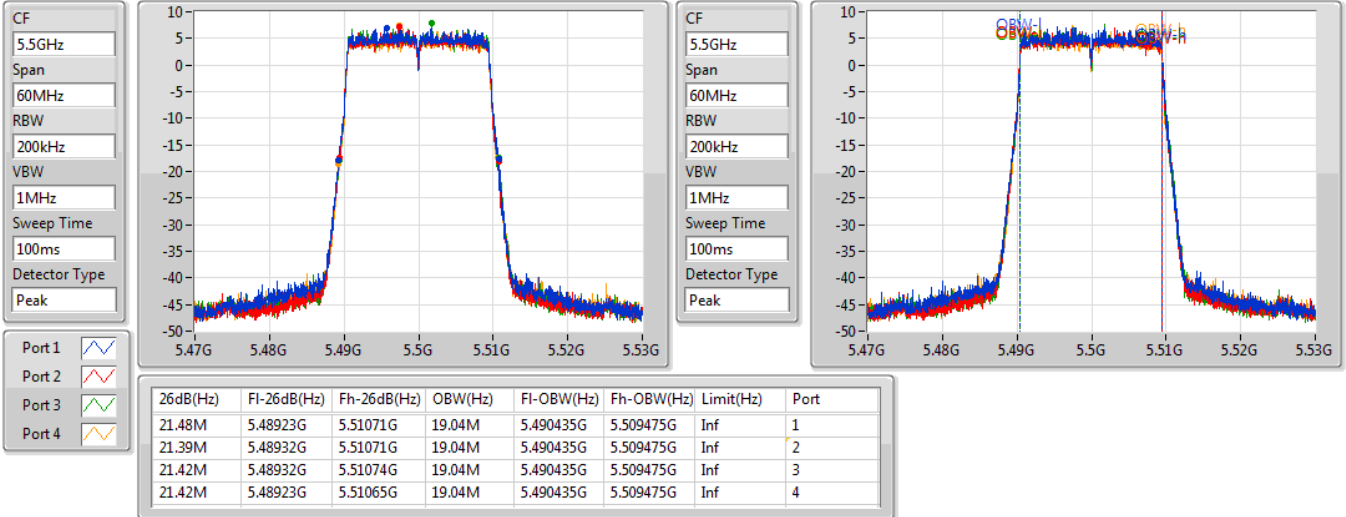

**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5320MHz**

16/07/2020

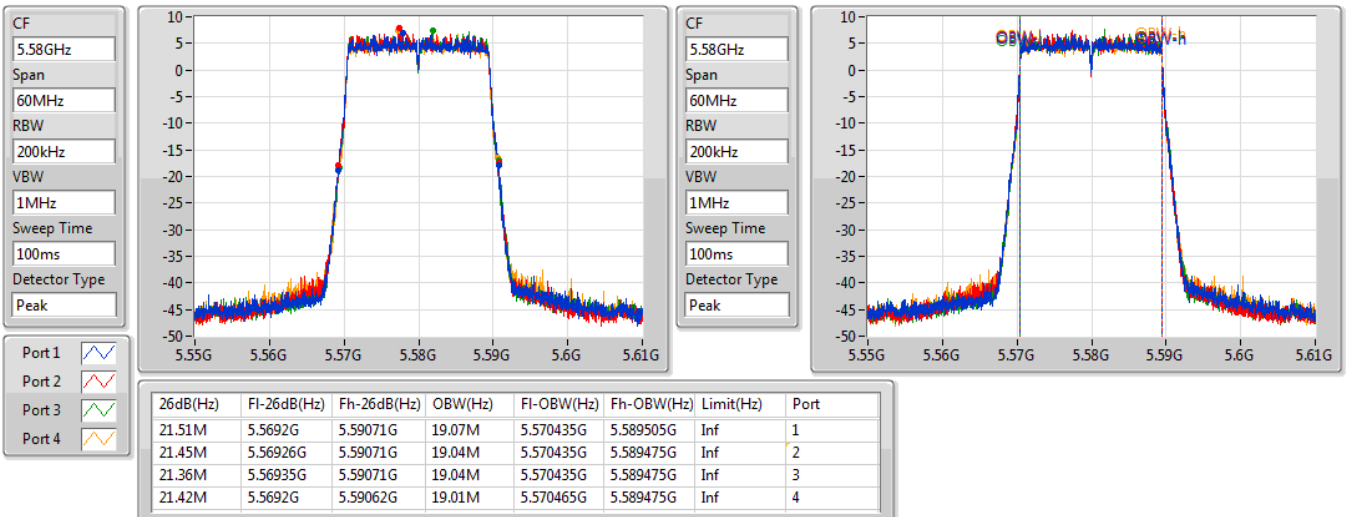


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5500MHz**

16/07/2020


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5580MHz**

16/07/2020

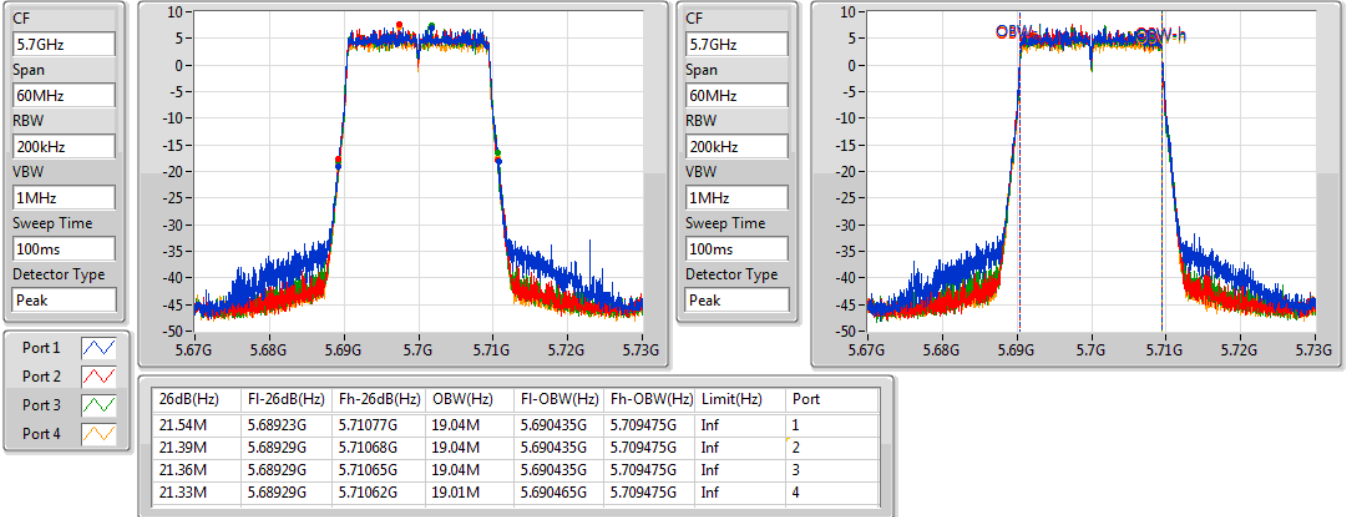


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5700MHz

16/07/2020

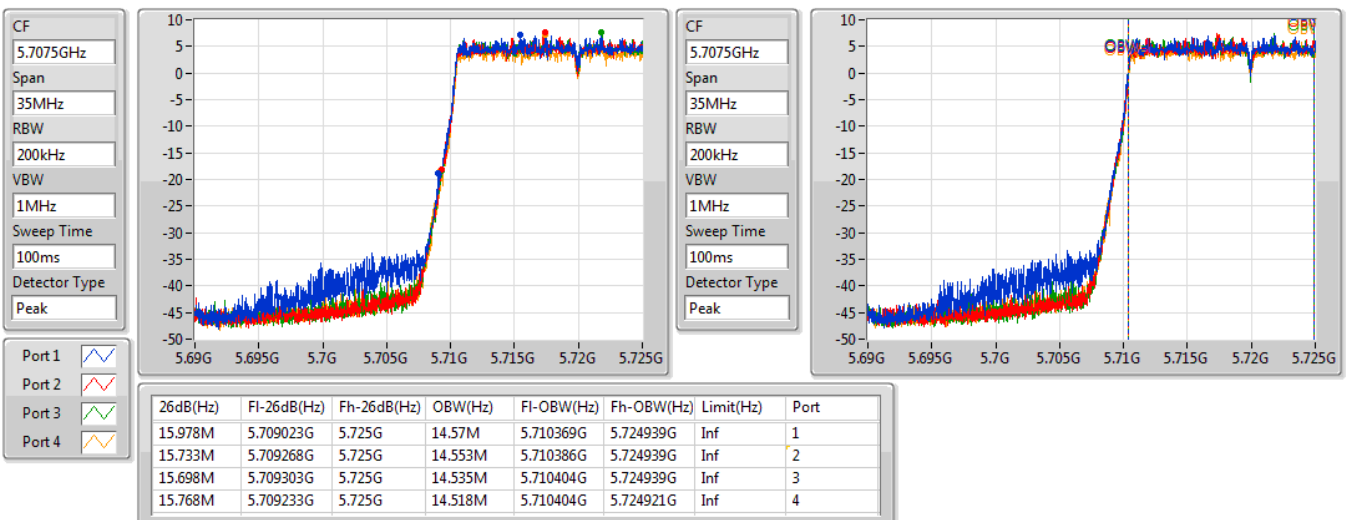


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

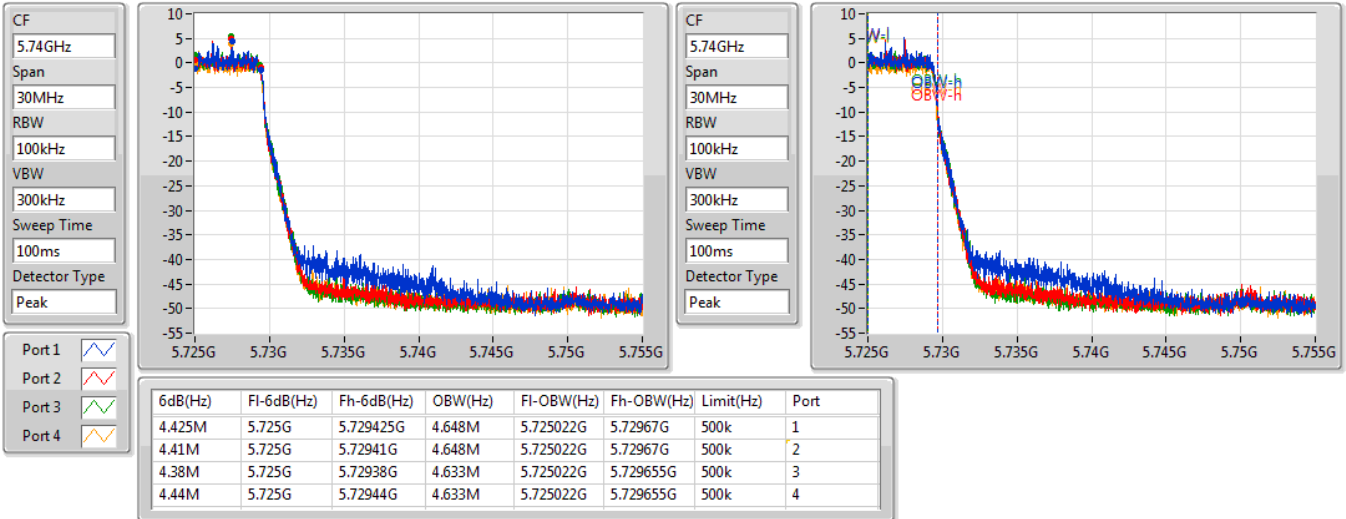
5720MHz Straddle 5.47-5.725GHz

16/07/2020

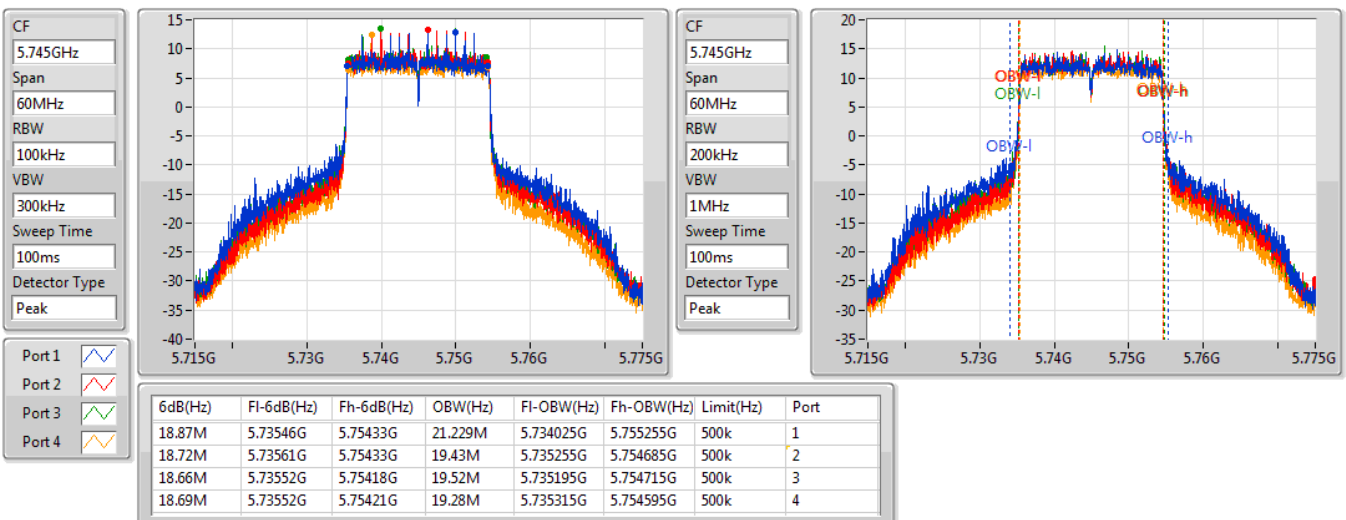


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

16/07/2020

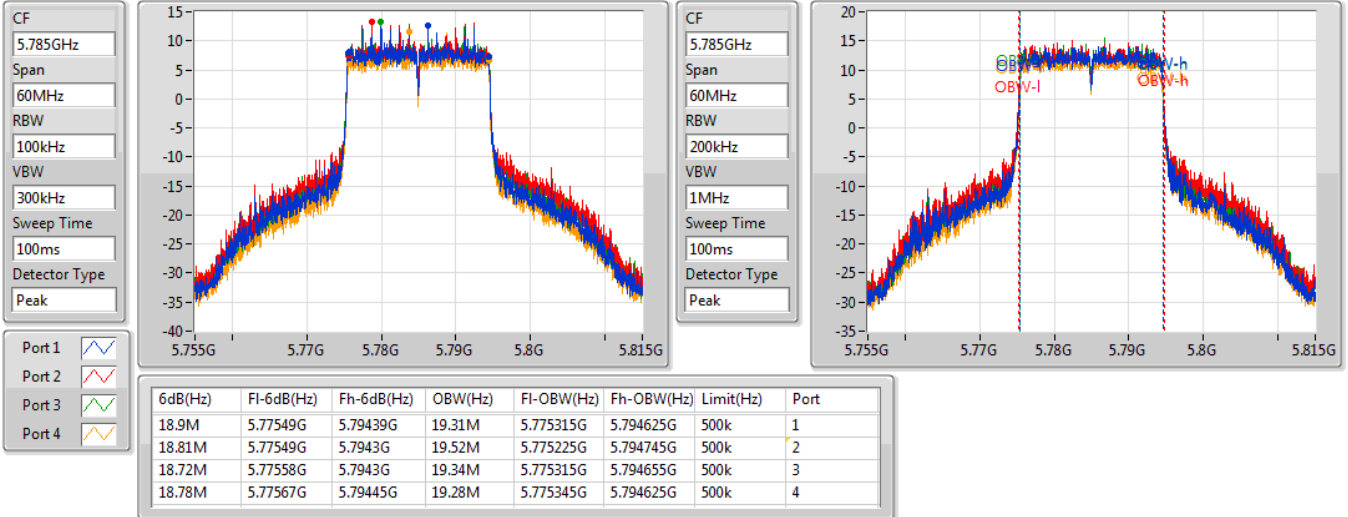

**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5745MHz**

16/07/2020

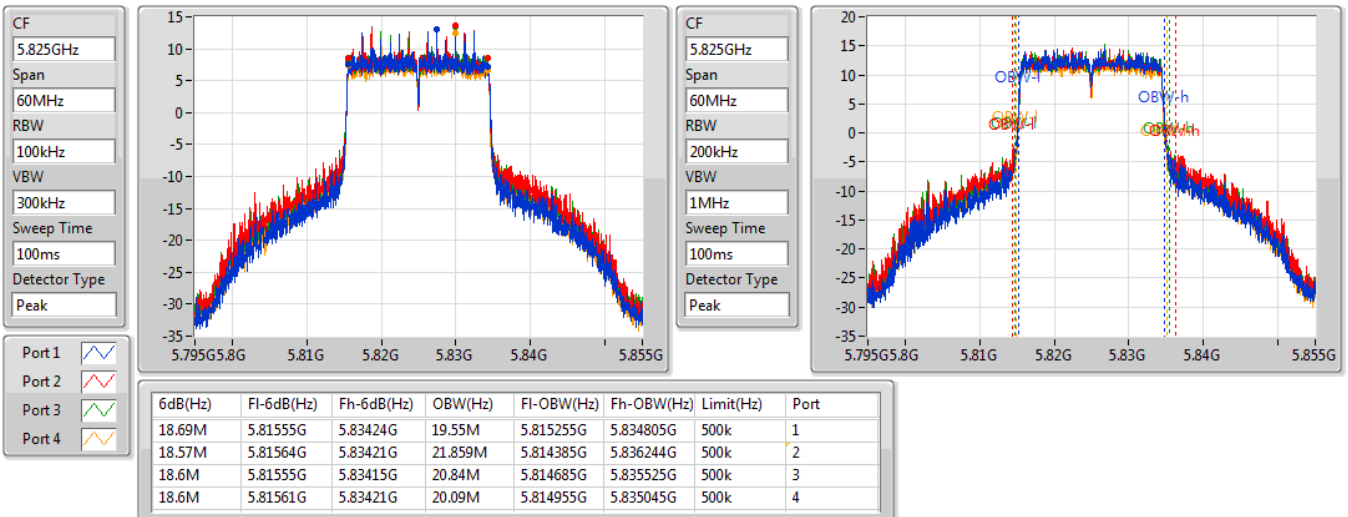


**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5785MHz**

16/07/2020

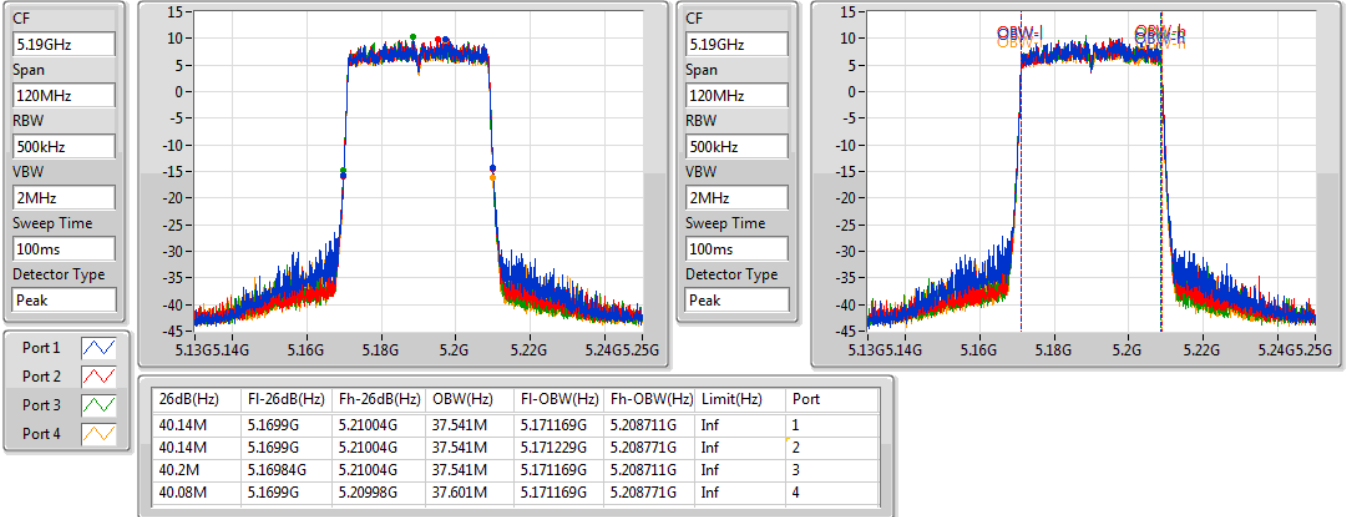

**802.11ax HEW20\_Nss1,(MCS0)\_4TX**
**EBW**
**5825MHz**

16/07/2020

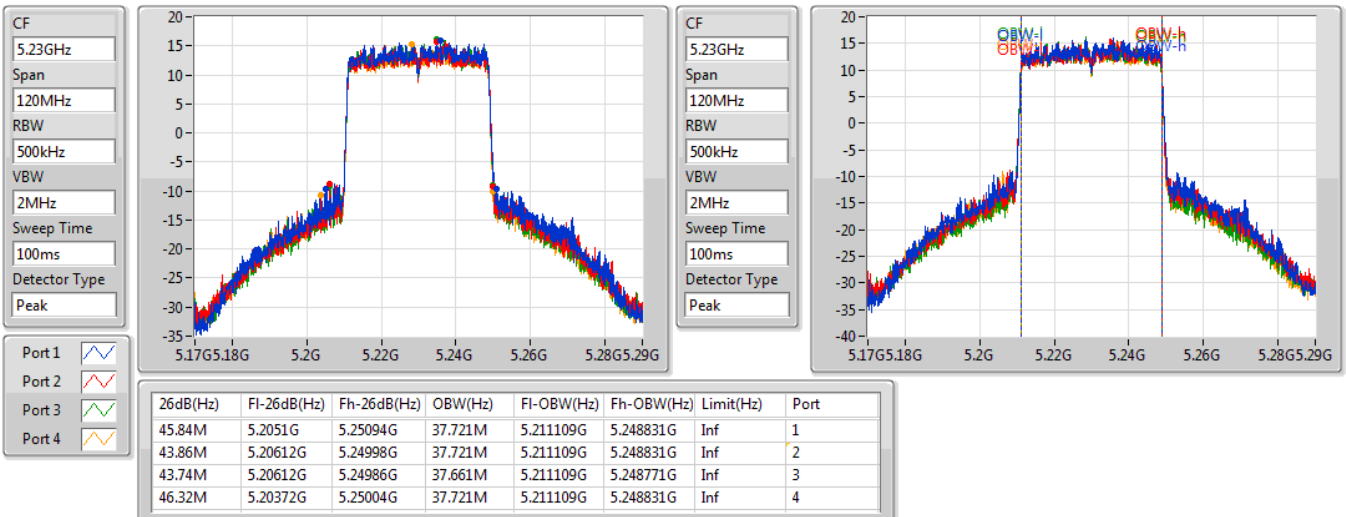


**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5190MHz**

16/07/2020

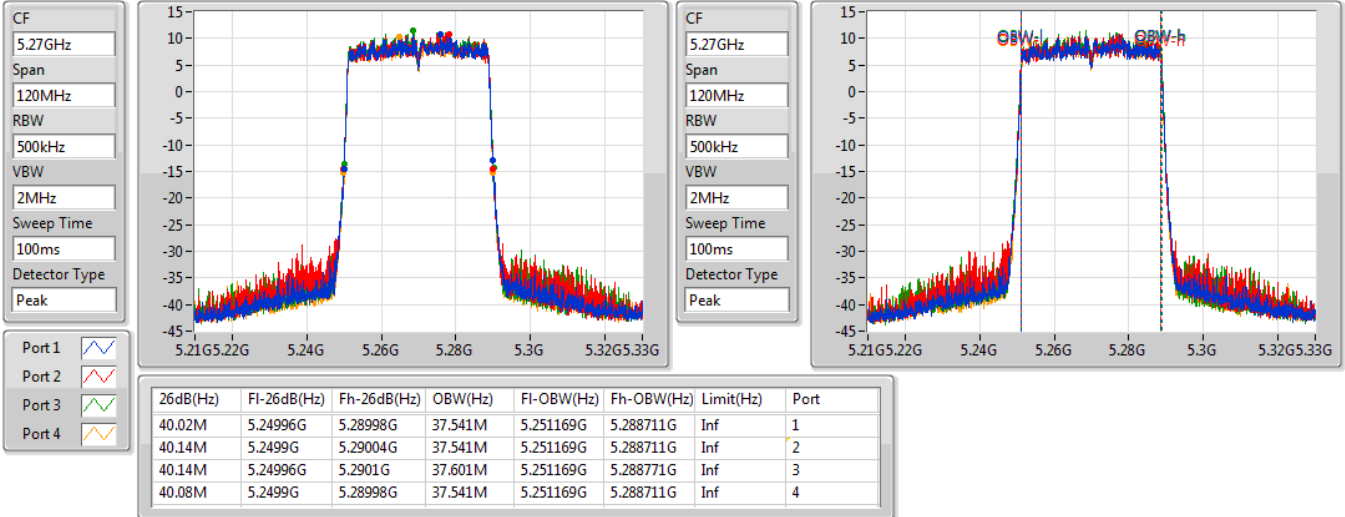

**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5230MHz**

16/07/2020

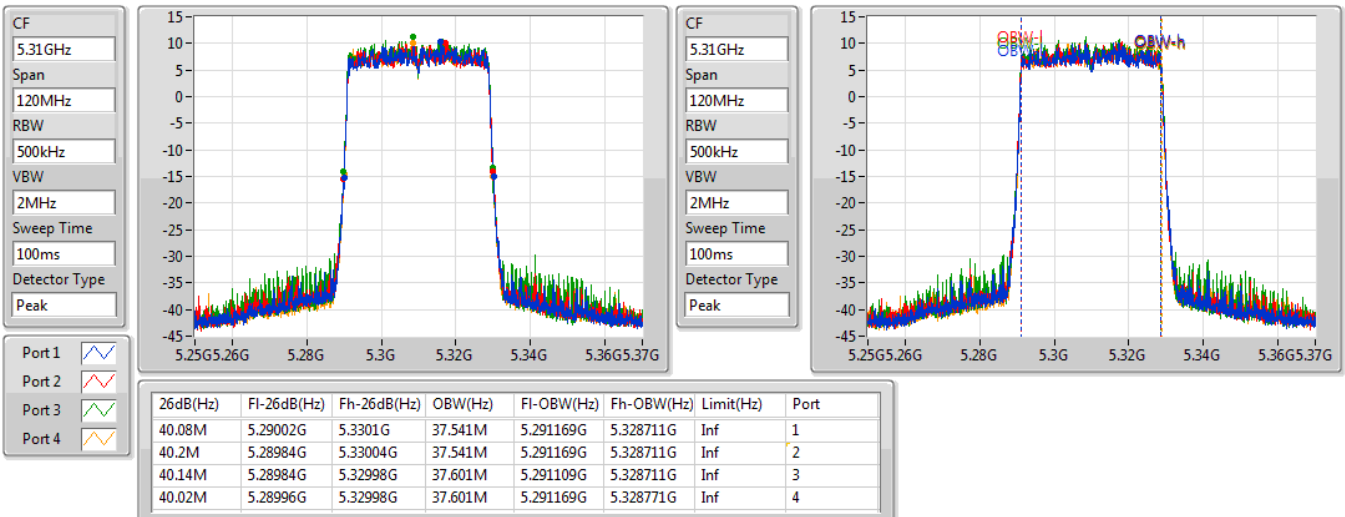


**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5270MHz**

16/07/2020


**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5310MHz**

16/07/2020

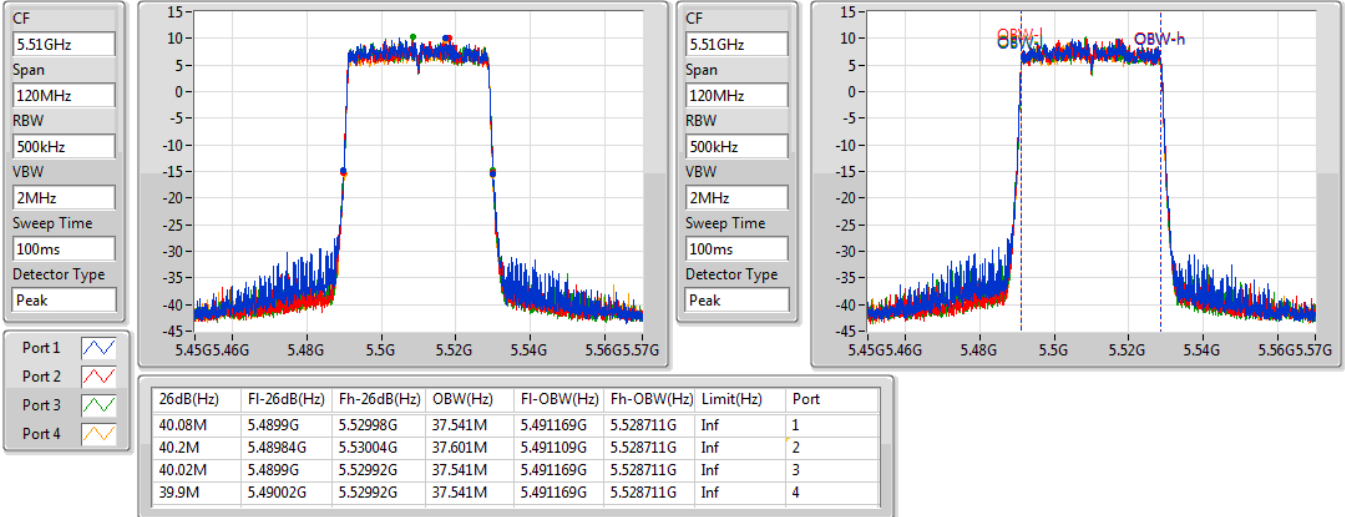


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5510MHz

16/07/2020

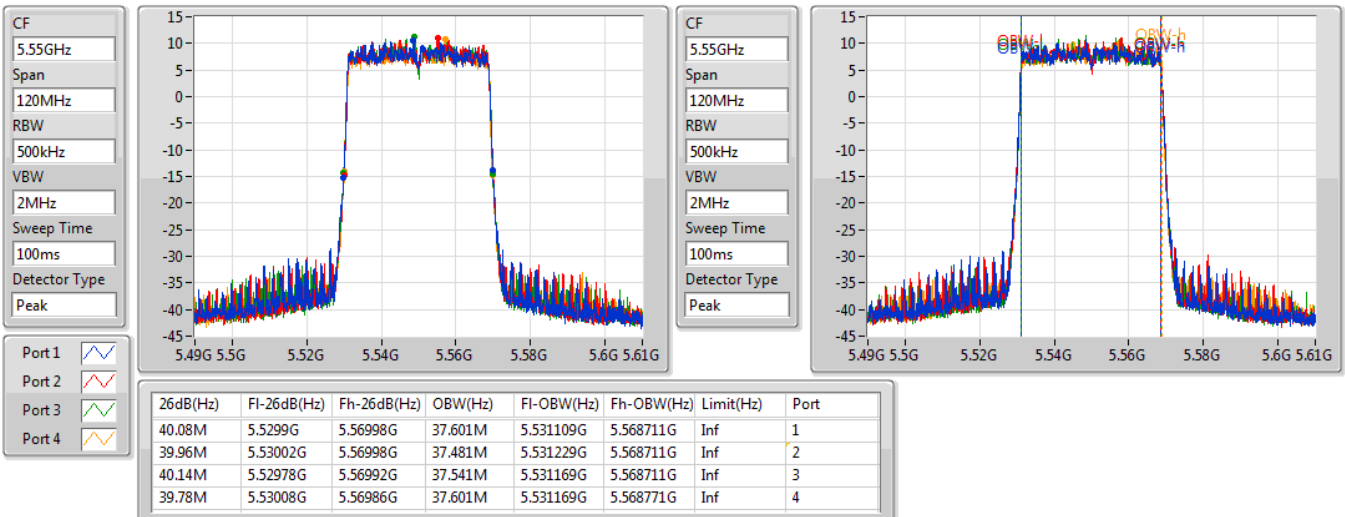


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

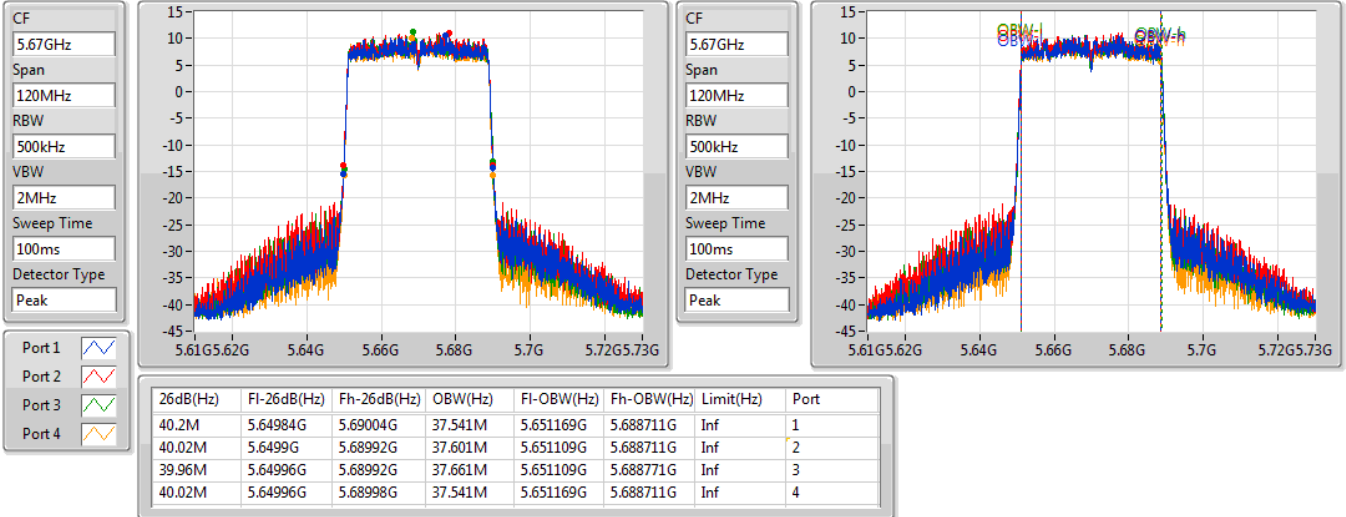
5550MHz

16/07/2020

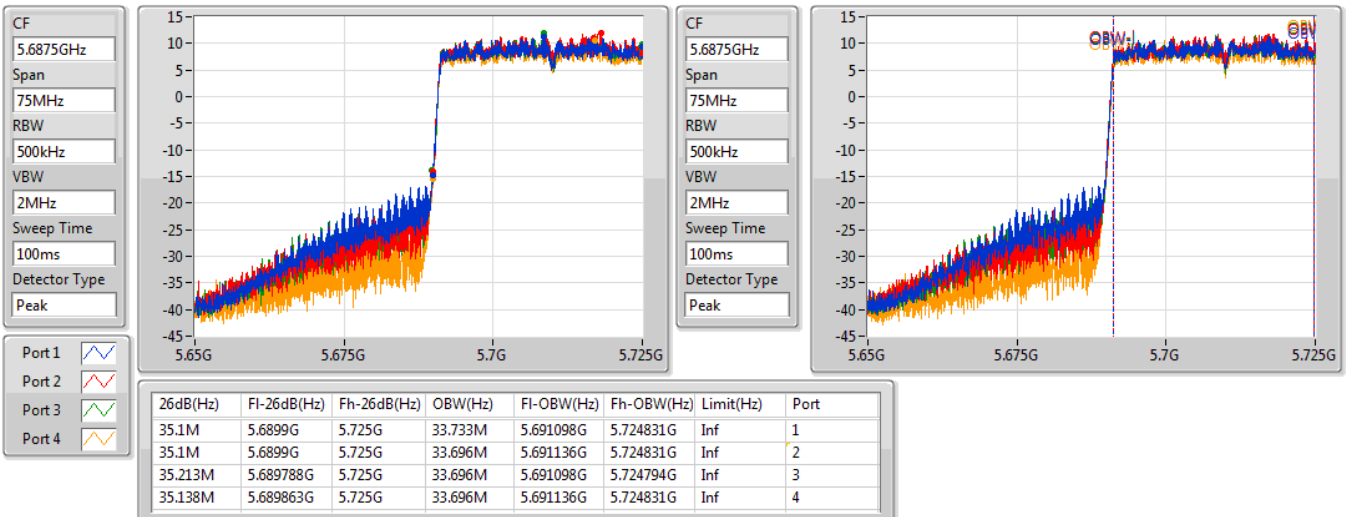


**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5670MHz**

16/07/2020

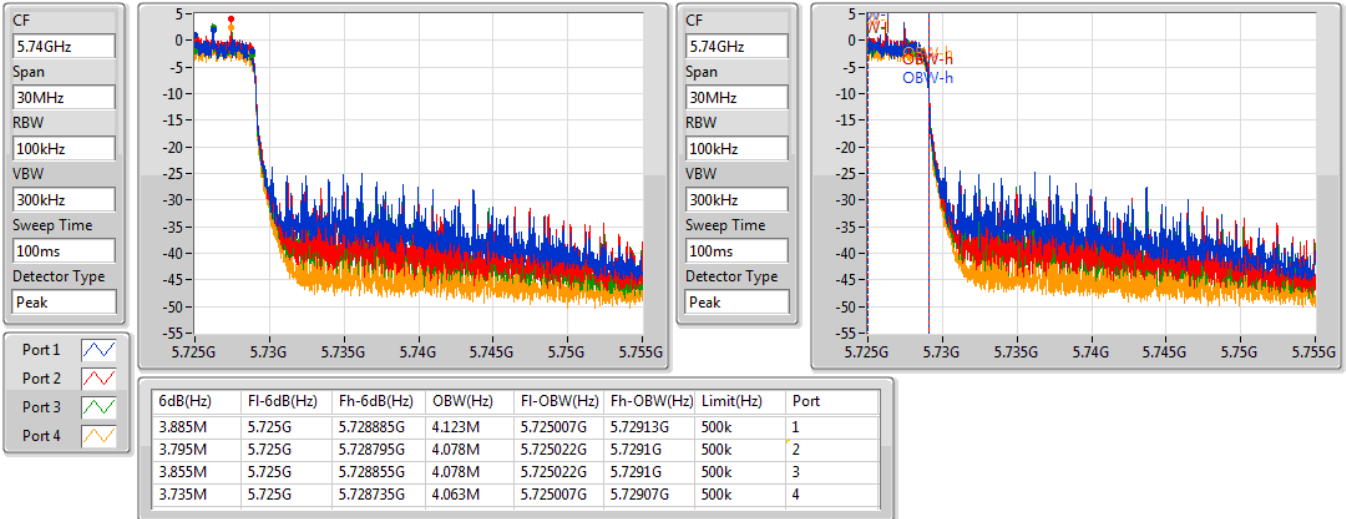

**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

16/07/2020

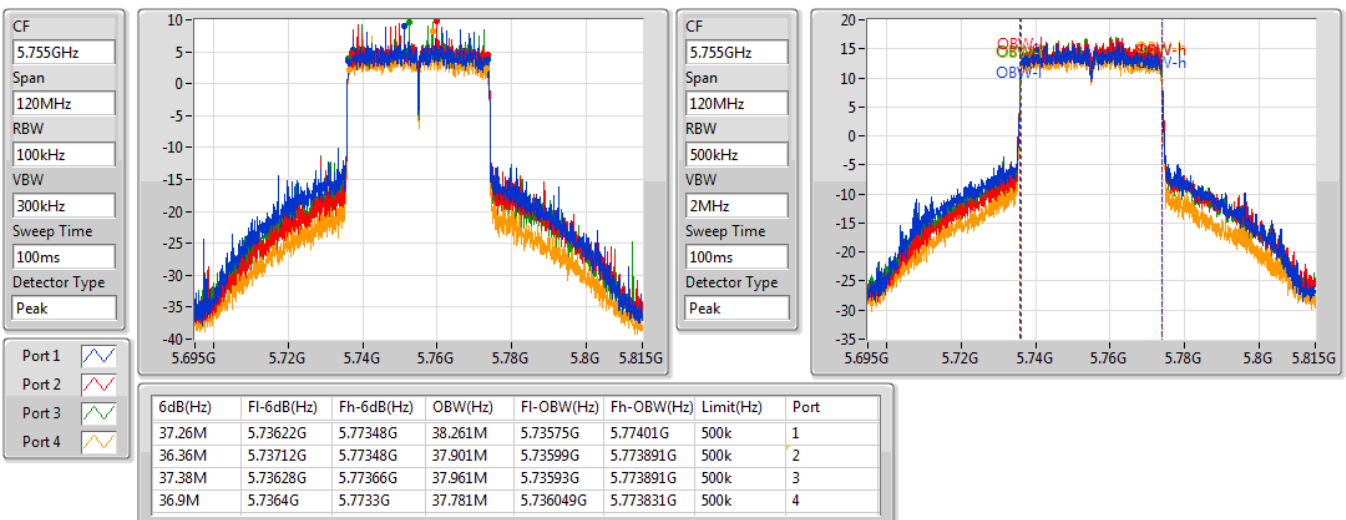


**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

16/07/2020


**802.11ax HEW40\_Nss1,(MCS0)\_4TX**
**EBW**
**5755MHz**

16/07/2020

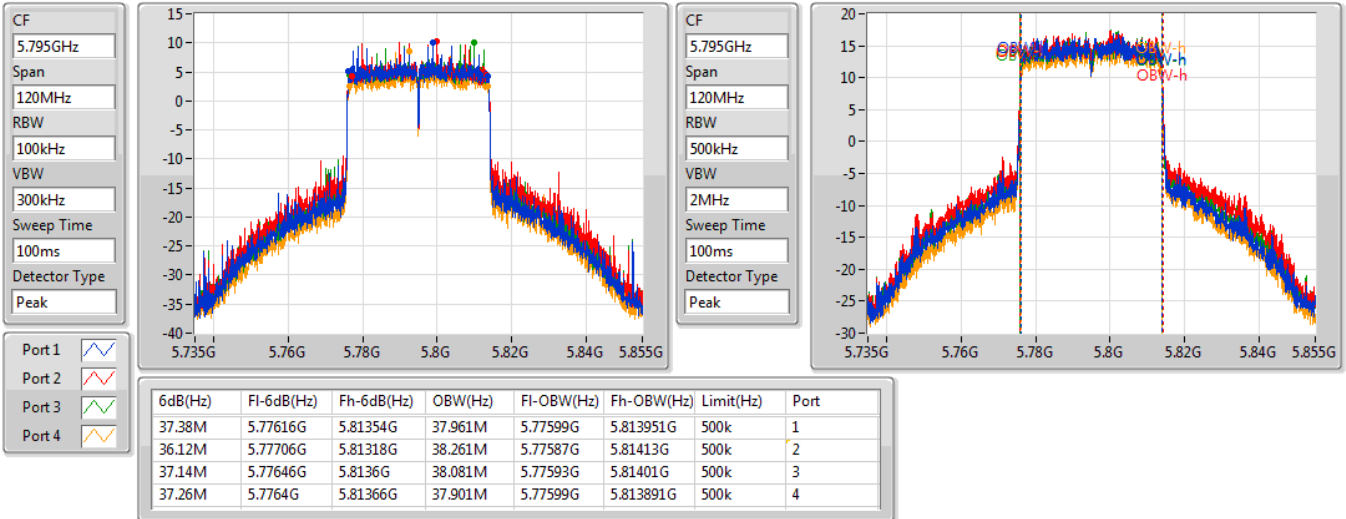


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5795MHz

16/07/2020

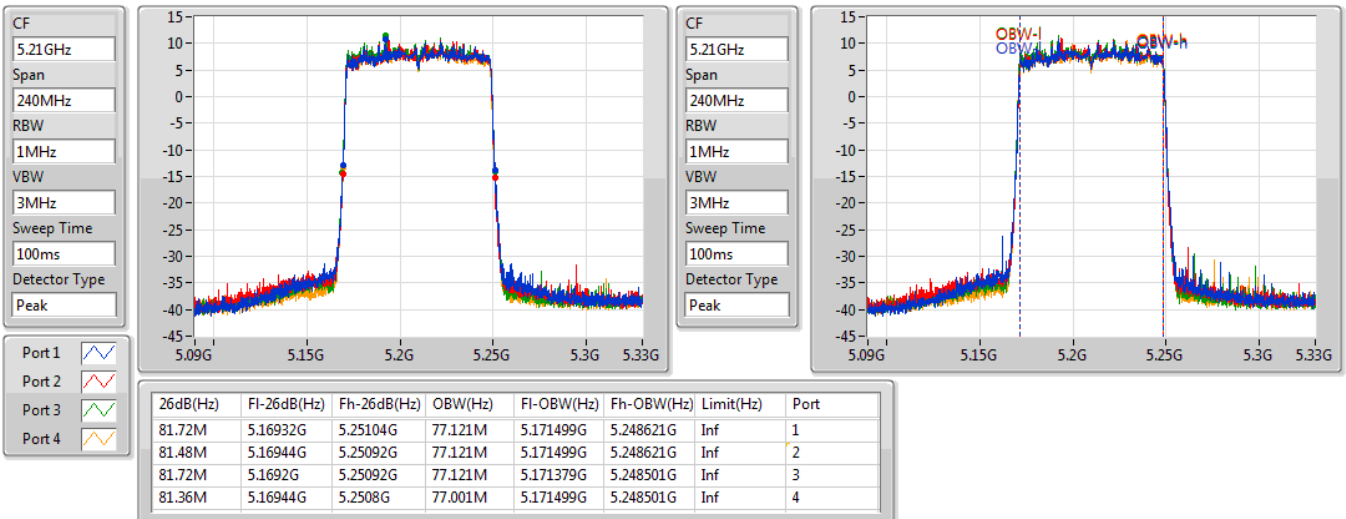


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5210MHz

16/07/2020

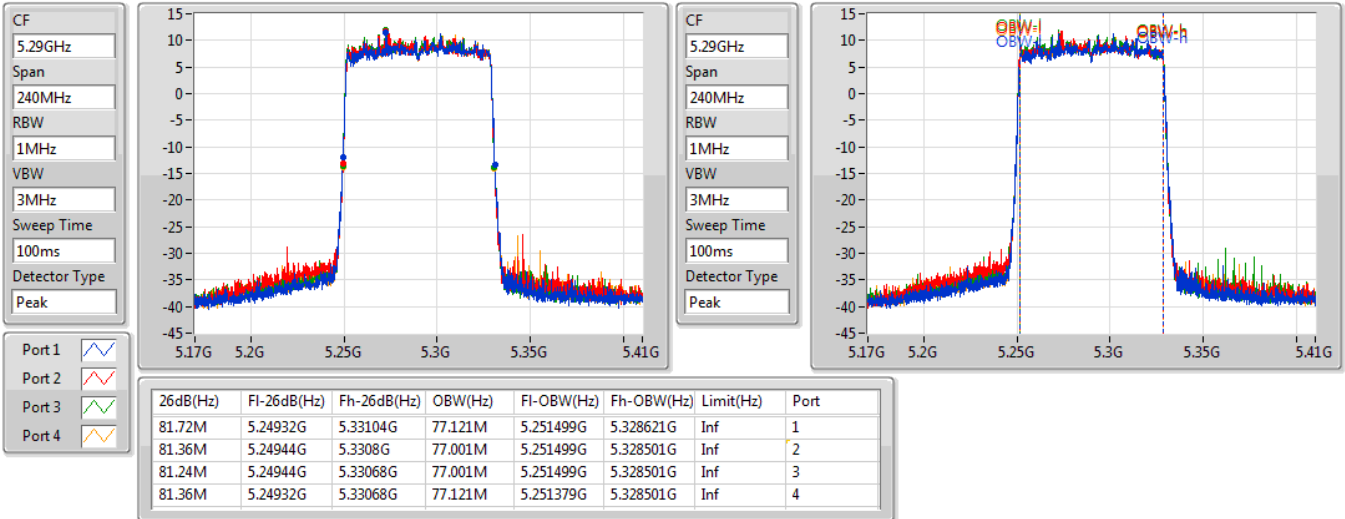


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5290MHz

16/07/2020

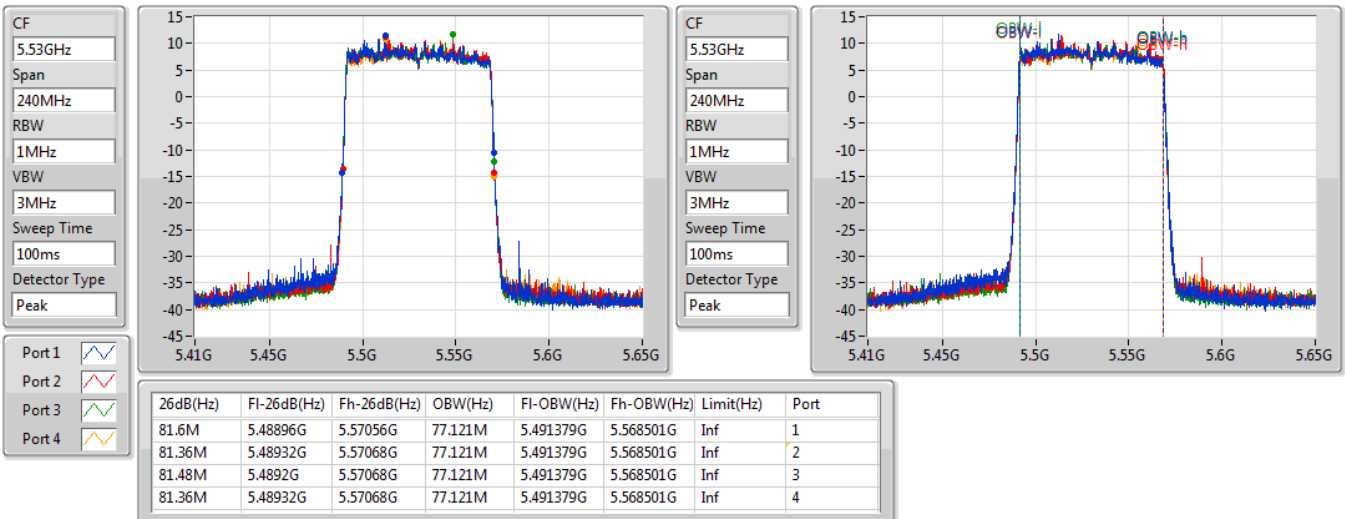


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

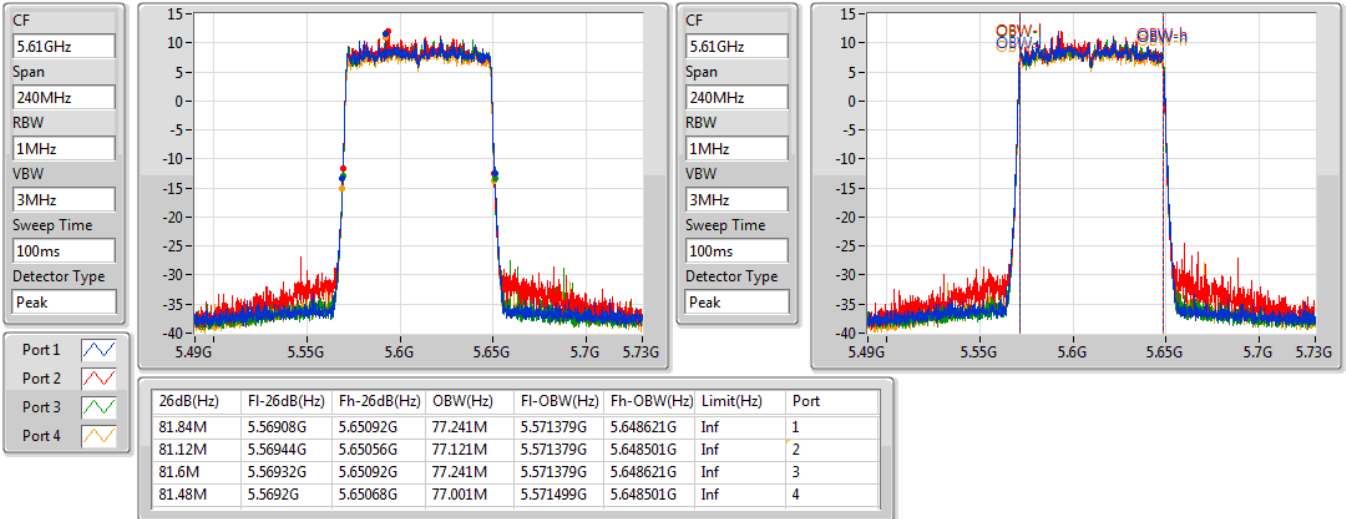
5530MHz

16/07/2020

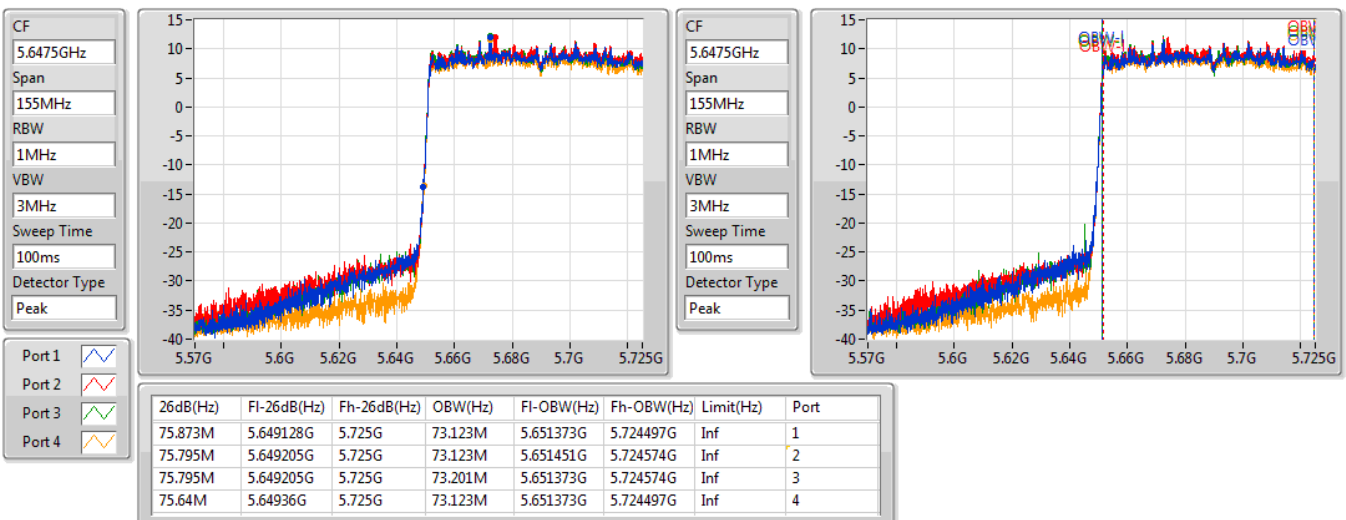


**802.11ax HEW80\_Nss1,(MCS0)\_4TX**
**EBW**
**5610MHz**

16/07/2020

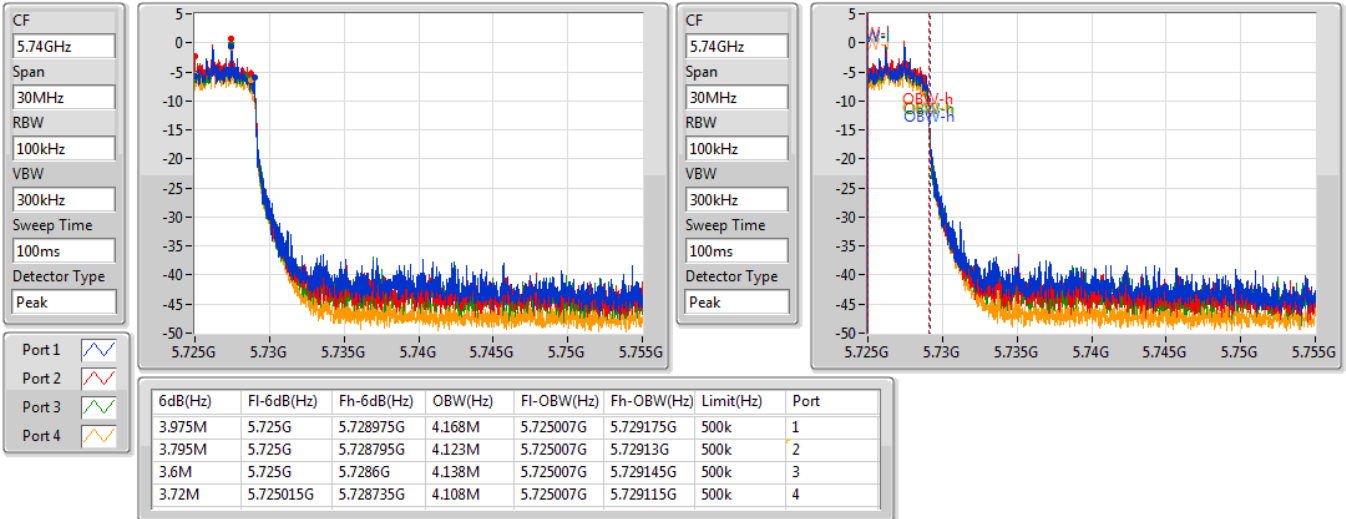

**802.11ax HEW80\_Nss1,(MCS0)\_4TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

16/07/2020

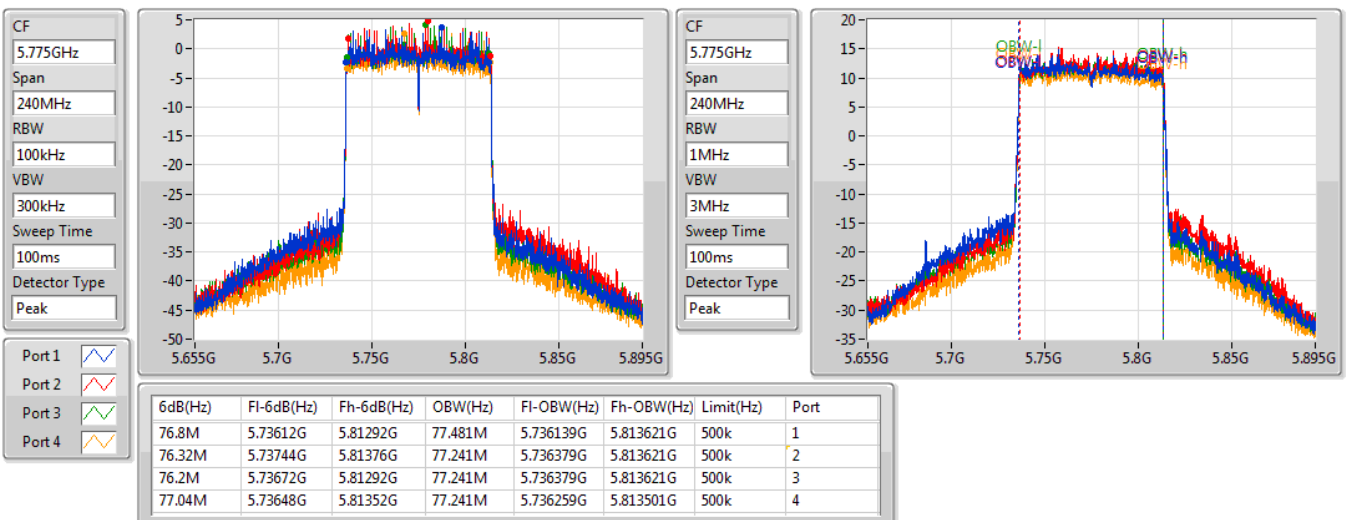


**802.11ax HEW80\_Nss1,(MCS0)\_4TX**
**EBW**
**5690MHz Straddle 5.725-5.85GHz**

16/07/2020

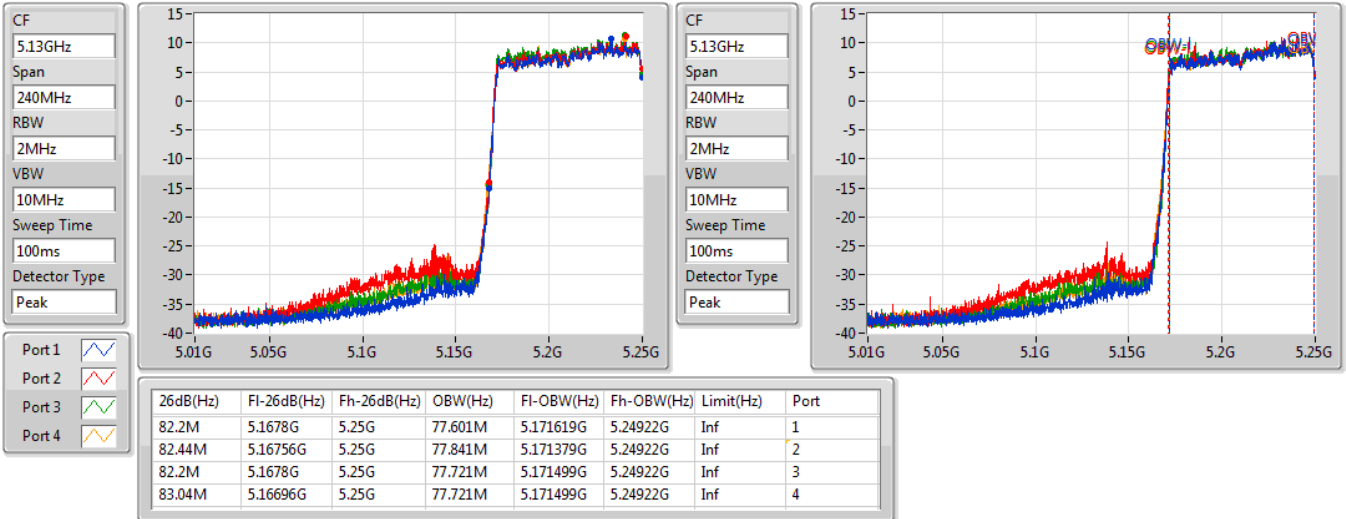

**802.11ax HEW80\_Nss1,(MCS0)\_4TX**
**EBW**
**5775MHz**

16/07/2020

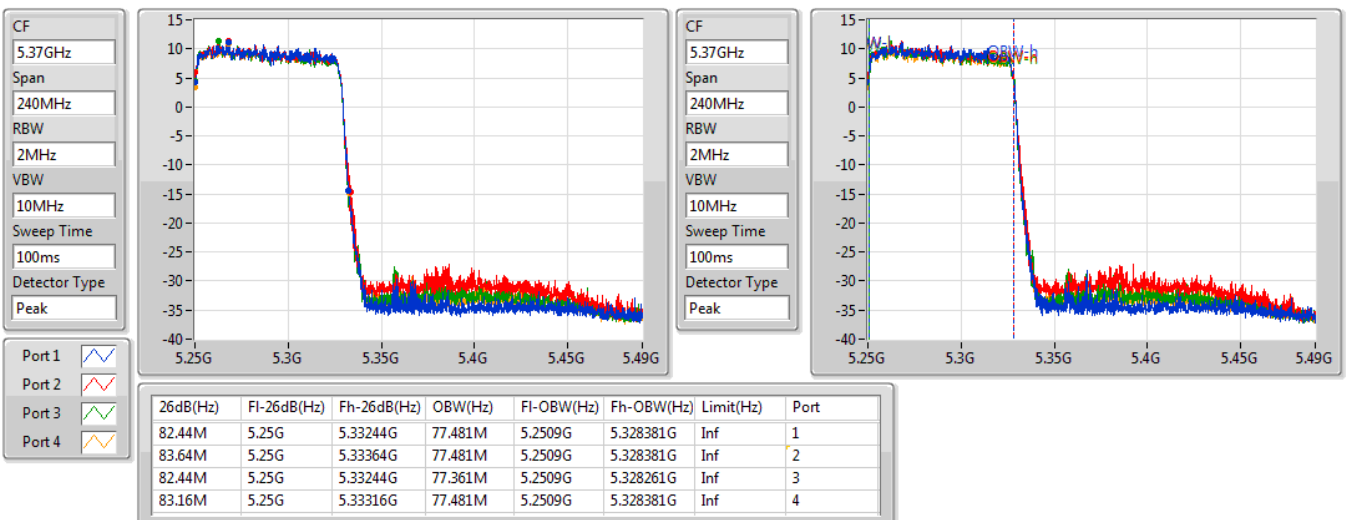


**802.11ax HEW160\_Nss1,(MCS0)\_4TX**
**EBW**
**5250MHz Straddle 5.15-5.25GHz**

16/07/2020


**802.11ax HEW160\_Nss1,(MCS0)\_4TX**
**EBW**
**5250MHz Straddle 5.25-5.35GHz**

16/07/2020

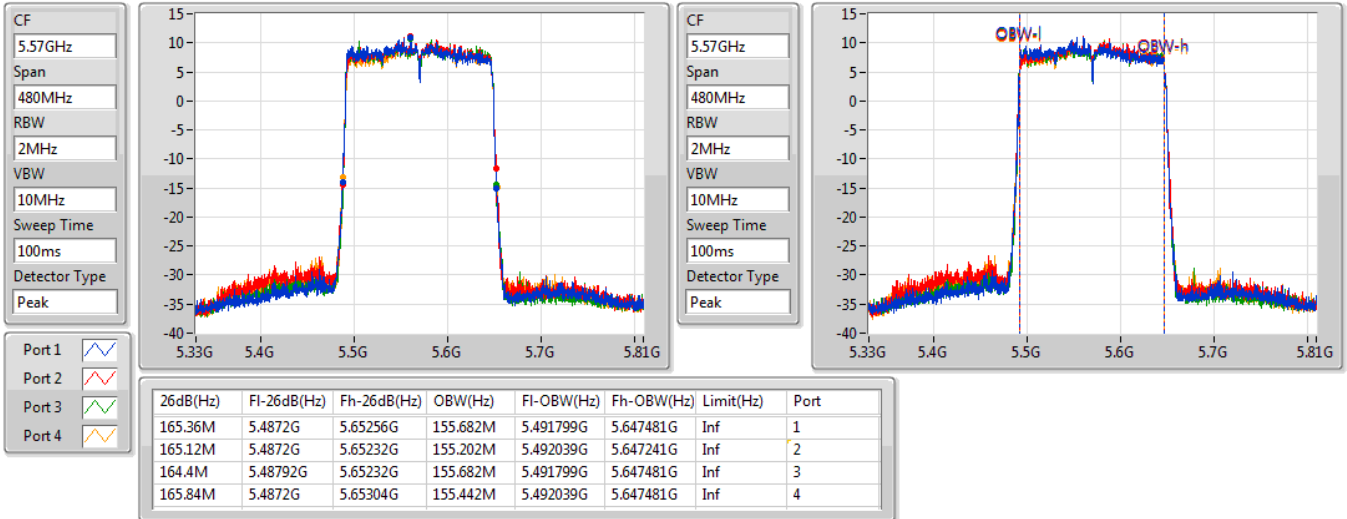


## 802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5570MHz

16/07/2020



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 27.91                | 0.61802            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 28.69                | 0.73961            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 28.70                | 0.74131            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 23.37                | 0.21727            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 20.37                | 0.10889            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 22.07                | 0.16106            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 22.65                | 0.18408            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 23.84                | 0.24210            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 23.84                | 0.24210            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 21.22                | 0.13243            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 22.21                | 0.16634            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 22.74                | 0.18793            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 23.90                | 0.24547            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 23.89                | 0.24491            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 23.42                | 0.21979            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_4TX        | 29.96                | 0.99083            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 29.90                | 0.97724            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 29.81                | 0.95719            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 26.97                | 0.49774            |

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -           | -               | -               | -               | -               | -                    | -                    |
| 5180MHz                        | Pass   | 2.00        | 16.43           | 16.81           | 16.80           | 16.20           | 22.59                | 30.00                |
| 5200MHz                        | Pass   | 2.00        | 18.34           | 18.38           | 18.85           | 18.04           | 24.43                | 30.00                |
| 5240MHz                        | Pass   | 2.00        | 22.10           | 21.79           | 22.08           | 21.55           | 27.91                | 30.00                |
| 5260MHz                        | Pass   | 2.00        | 15.93           | 15.96           | 16.32           | 15.96           | 22.07                | 23.98                |
| 5300MHz                        | Pass   | 2.00        | 15.61           | 15.88           | 15.99           | 15.69           | 21.82                | 23.98                |
| 5320MHz                        | Pass   | 2.00        | 15.64           | 15.91           | 16.18           | 15.71           | 21.89                | 23.98                |
| 5500MHz                        | Pass   | 2.00        | 12.86           | 12.58           | 12.70           | 12.10           | 18.59                | 23.98                |
| 5580MHz                        | Pass   | 2.00        | 16.06           | 16.30           | 16.30           | 16.10           | 22.21                | 23.98                |
| 5700MHz                        | Pass   | 2.00        | 11.66           | 11.59           | 11.41           | 10.81           | 17.40                | 23.98                |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 2.00        | 15.25           | 15.11           | 15.04           | 14.58           | 21.02                | 22.94                |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 2.00        | 9.23            | 9.14            | 9.29            | 8.34            | 15.04                | 30.00                |
| 5745MHz                        | Pass   | 2.00        | 23.66           | 24.24           | 24.02           | 23.12           | 29.80                | 30.00                |
| 5785MHz                        | Pass   | 2.00        | 23.76           | 24.28           | 24.12           | 23.08           | 29.85                | 30.00                |
| 5825MHz                        | Pass   | 2.00        | 23.97           | 24.22           | 24.03           | 23.52           | 29.96                | 30.00                |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    |
| 5180MHz                        | Pass   | 2.00        | 20.09           | 20.37           | 20.44           | 19.88           | 26.22                | 30.00                |
| 5200MHz                        | Pass   | 2.00        | 22.58           | 22.62           | 23.03           | 22.41           | 28.69                | 30.00                |
| 5240MHz                        | Pass   | 2.00        | 22.62           | 22.36           | 22.71           | 22.17           | 28.49                | 30.00                |
| 5260MHz                        | Pass   | 2.00        | 16.41           | 16.60           | 16.81           | 16.70           | 22.65                | 23.98                |
| 5300MHz                        | Pass   | 2.00        | 16.27           | 16.39           | 16.79           | 16.46           | 22.50                | 23.98                |
| 5320MHz                        | Pass   | 2.00        | 16.10           | 16.41           | 16.67           | 16.28           | 22.39                | 23.98                |
| 5500MHz                        | Pass   | 2.00        | 16.68           | 16.67           | 16.83           | 16.34           | 22.65                | 23.98                |
| 5580MHz                        | Pass   | 2.00        | 16.53           | 16.78           | 16.93           | 16.61           | 22.74                | 23.98                |
| 5700MHz                        | Pass   | 2.00        | 16.83           | 17.04           | 16.69           | 16.15           | 22.71                | 23.98                |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 2.00        | 15.50           | 15.45           | 15.44           | 14.76           | 21.32                | 22.96                |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 2.00        | 10.31           | 10.37           | 10.33           | 9.50            | 16.16                | 30.00                |
| 5745MHz                        | Pass   | 2.00        | 23.67           | 24.14           | 24.10           | 23.26           | 29.83                | 30.00                |
| 5785MHz                        | Pass   | 2.00        | 23.81           | 24.36           | 24.07           | 23.06           | 29.87                | 30.00                |
| 5825MHz                        | Pass   | 2.00        | 23.88           | 24.20           | 23.95           | 23.46           | 29.90                | 30.00                |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    |
| 5190MHz                        | Pass   | 2.00        | 17.00           | 17.31           | 17.12           | 16.86           | 23.10                | 30.00                |
| 5230MHz                        | Pass   | 2.00        | 22.87           | 22.48           | 22.90           | 22.45           | 28.70                | 30.00                |
| 5270MHz                        | Pass   | 2.00        | 17.76           | 17.84           | 18.17           | 17.48           | 23.84                | 23.98                |
| 5310MHz                        | Pass   | 2.00        | 17.34           | 17.22           | 17.77           | 17.17           | 23.40                | 23.98                |
| 5510MHz                        | Pass   | 2.00        | 17.17           | 17.12           | 17.12           | 16.75           | 23.06                | 23.98                |
| 5550MHz                        | Pass   | 2.00        | 17.82           | 17.78           | 18.07           | 17.46           | 23.81                | 23.98                |
| 5670MHz                        | Pass   | 2.00        | 17.56           | 18.26           | 18.17           | 17.17           | 23.83                | 23.98                |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 2.00        | 17.91           | 18.29           | 18.07           | 17.18           | 23.90                | 23.98                |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 2.00        | 7.99            | 8.69            | 8.16            | 7.21            | 14.07                | 30.00                |
| 5755MHz                        | Pass   | 2.00        | 23.21           | 23.65           | 23.79           | 22.49           | 29.33                | 30.00                |
| 5795MHz                        | Pass   | 2.00        | 23.90           | 24.09           | 23.99           | 23.09           | 29.81                | 30.00                |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    |
| 5210MHz                        | Pass   | 2.00        | 17.22           | 17.33           | 17.69           | 17.13           | 23.37                | 30.00                |



## Average Power

## Appendix C

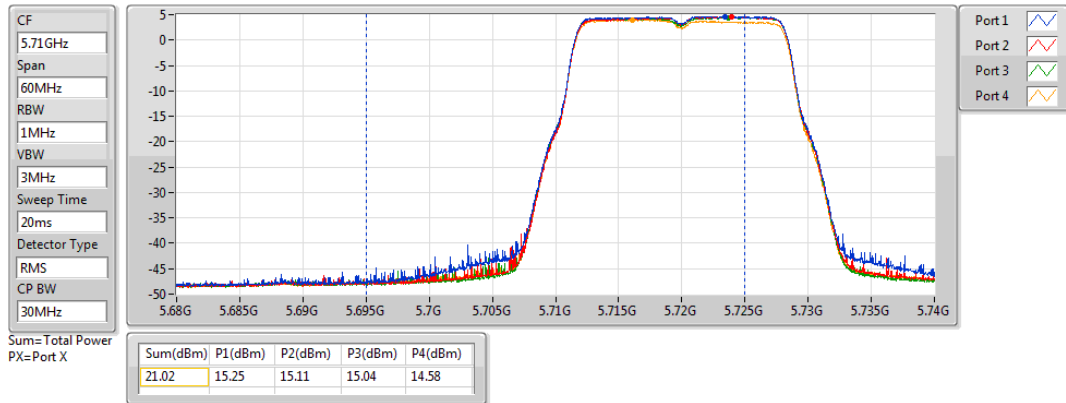
| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 5290MHz                         | Pass   | 2.00        | 17.61           | 17.83           | 18.05           | 17.79           | 23.84                | 23.98                |
| 5530MHz                         | Pass   | 2.00        | 17.53           | 17.66           | 17.54           | 17.36           | 23.54                | 23.98                |
| 5610MHz                         | Pass   | 2.00        | 17.90           | 18.12           | 18.01           | 17.43           | 23.89                | 23.98                |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 2.00        | 17.83           | 18.16           | 18.02           | 17.03           | 23.80                | 23.98                |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 2.00        | 4.08            | 4.90            | 4.22            | 3.23            | 10.17                | 30.00                |
| 5775MHz                         | Pass   | 2.00        | 20.83           | 21.37           | 21.25           | 20.24           | 26.97                | 30.00                |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 2.00        | 14.14           | 14.35           | 14.77           | 14.12           | 20.37                | 30.00                |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 2.00        | 15.30           | 15.24           | 15.16           | 15.08           | 21.22                | 23.98                |
| 5570MHz                         | Pass   | 2.00        | 17.43           | 17.56           | 17.40           | 17.22           | 23.42                | 23.98                |

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

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

## AV Power

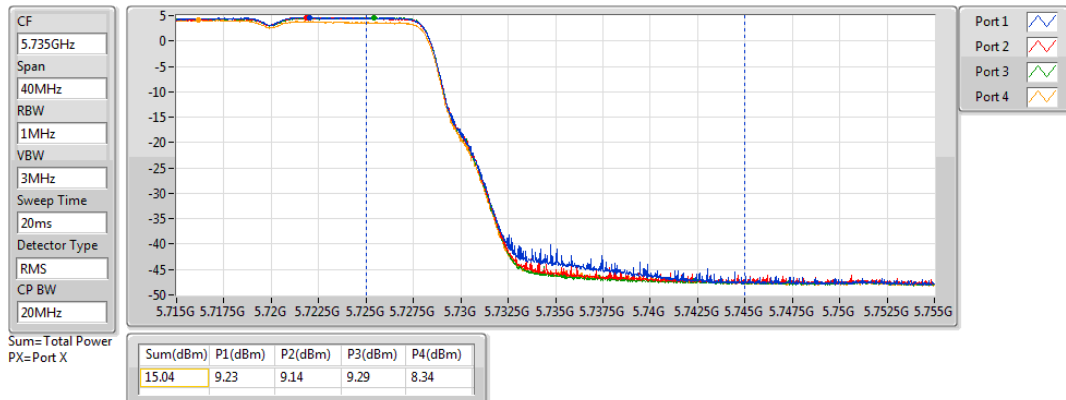
### 5720MHz Straddle 5.47-5.725GHz



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

## AV Power

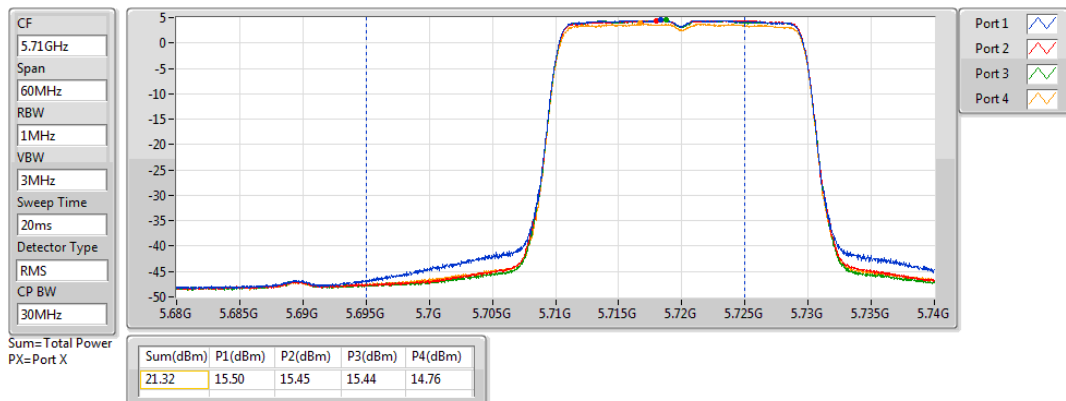
### 5720MHz Straddle 5.725-5.85GHz



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

## AV Power

### 5720MHz Straddle 5.47-5.725GHz

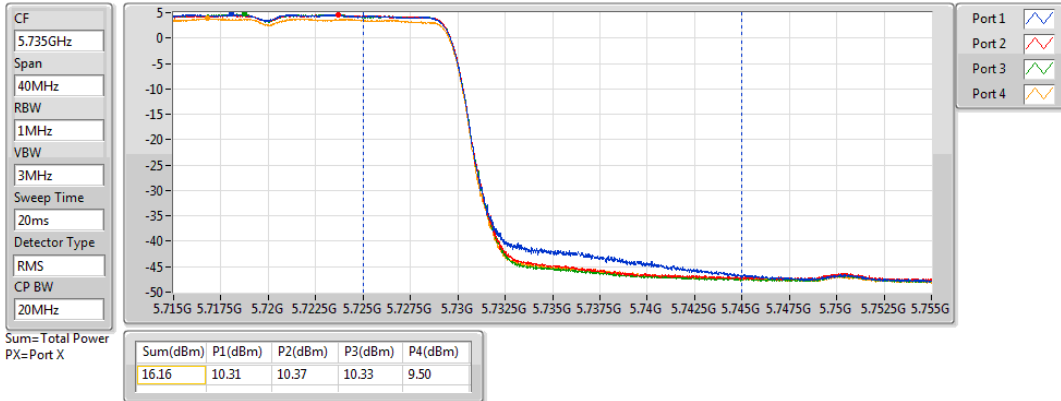


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## AV Power

5720MHz Straddle 5.725-5.85GHz

16/07/2020

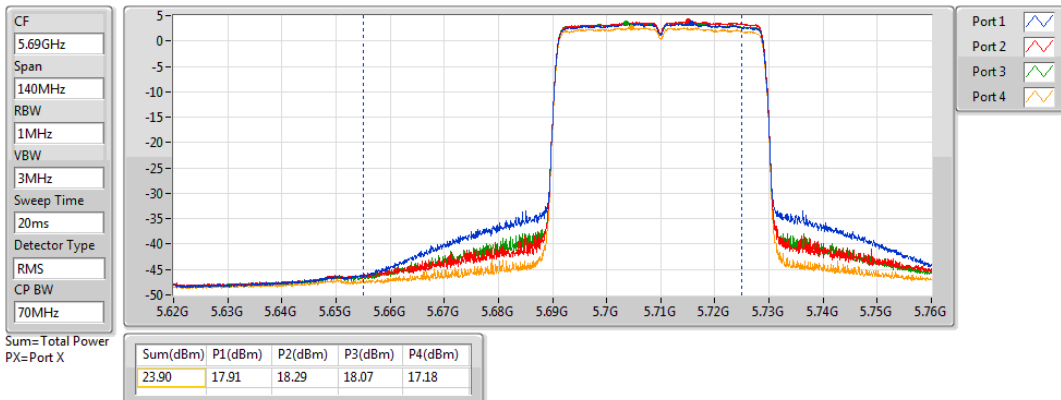


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

## AV Power

5710MHz Straddle 5.47-5.725GHz

16/07/2020

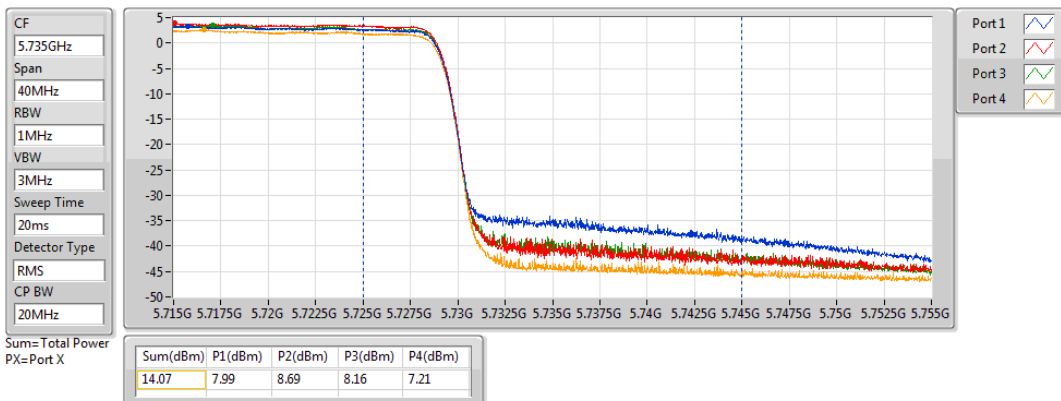


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

## AV Power

5710MHz Straddle 5.725-5.85GHz

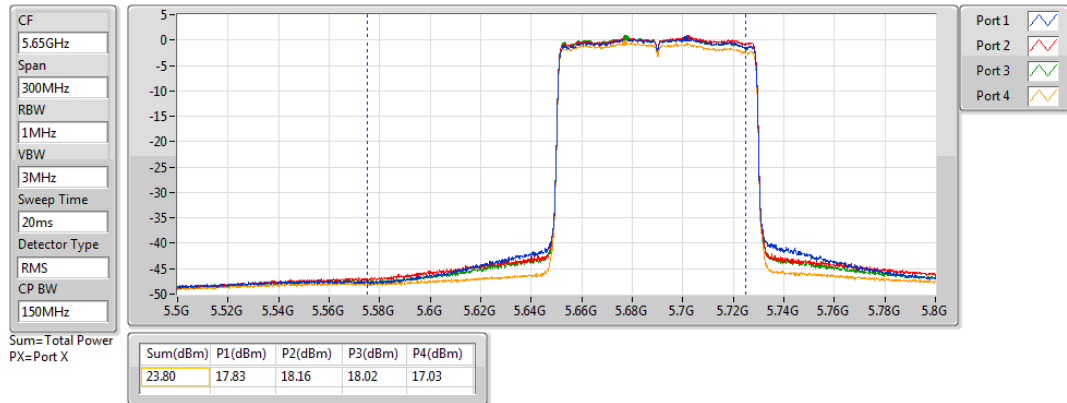
16/07/2020



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

## AV Power

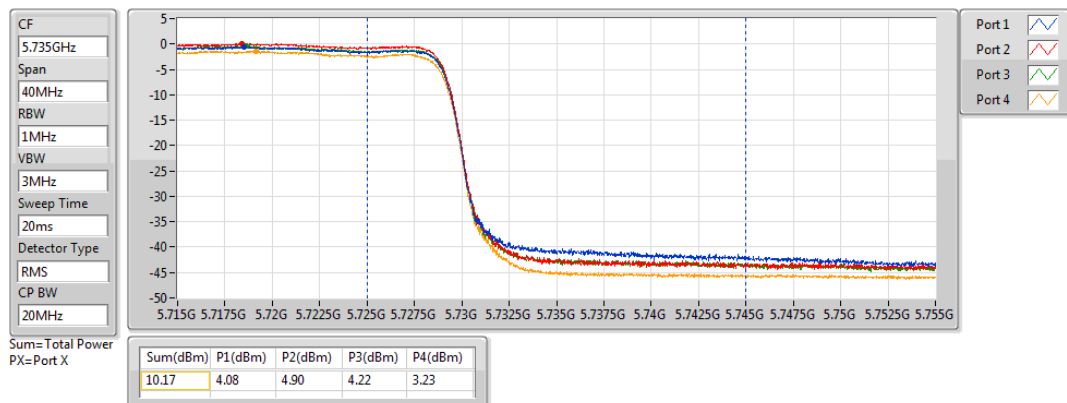
### 5690MHz Straddle 5.47-5.725GHz



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

## AV Power

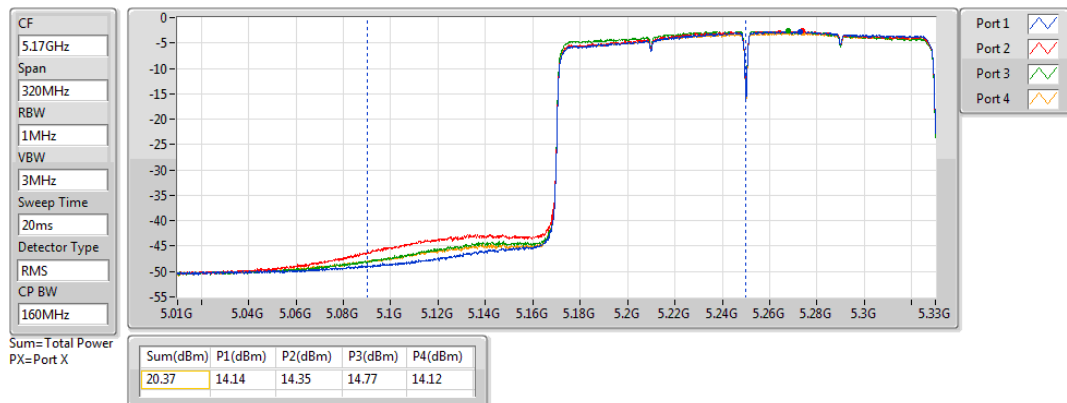
### 5690MHz Straddle 5.725-5.85GHz



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

## AV Power

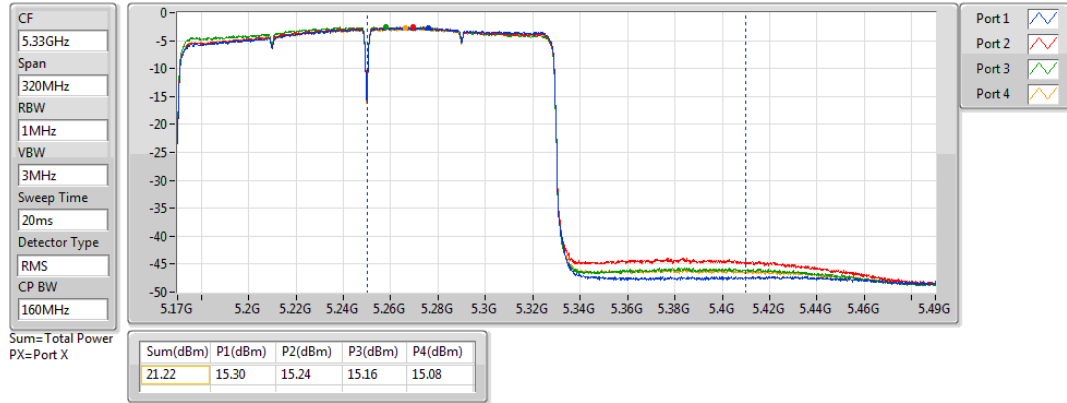
### 5250MHz Straddle 5.15-5.25GHz



**802.11ax HEW160\_Nss1,(MCS0)\_4TX**  
**5250MHz Straddle 5.25-5.35GHz**

**AV Power**

16/07/2020



**Summary**

| Mode                            | PD<br>(dBm/RBW) |
|---------------------------------|-----------------|
| 5.15-5.25GHz                    | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 14.77           |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 14.96           |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 12.29           |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 4.04            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 1.54            |
| 5.25-5.35GHz                    | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 8.91            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 8.85            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 7.25            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 4.74            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 1.77            |
| 5.47-5.725GHz                   | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 8.92            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 8.90            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 7.78            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 4.56            |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | 1.16            |
| 5.725-5.85GHz                   | -               |
| 802.11a_Nss1,(6Mbps)_4TX        | 15.18           |
| 802.11ax HEW20_Nss1,(MCS0)_4TX  | 14.68           |
| 802.11ax HEW40_Nss1,(MCS0)_4TX  | 11.74           |
| 802.11ax HEW80_Nss1,(MCS0)_4TX  | 6.02            |

**RBW** = 500 kHz 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) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -           | -                   | -                   | -                   | -                   | -               | -                     |
| 5180MHz                        | Pass   | 8.01        | 3.23                | 3.59                | 3.52                | 2.86                | 9.27            | 14.99                 |
| 5200MHz                        | Pass   | 8.01        | 5.40                | 5.44                | 5.62                | 4.77                | 11.28           | 14.99                 |
| 5240MHz                        | Pass   | 8.01        | 8.93                | 8.68                | 9.06                | 8.58                | 14.77           | 14.99                 |
| 5260MHz                        | Pass   | 8.01        | 2.87                | 2.87                | 3.24                | 2.81                | 8.91            | 8.99                  |
| 5300MHz                        | Pass   | 8.01        | 2.74                | 2.80                | 3.13                | 2.54                | 8.77            | 8.99                  |
| 5320MHz                        | Pass   | 8.01        | 2.63                | 2.88                | 3.07                | 2.63                | 8.77            | 8.99                  |
| 5500MHz                        | Pass   | 8.01        | -0.33               | -0.59               | -0.62               | -0.98               | 5.33            | 8.99                  |
| 5580MHz                        | Pass   | 8.01        | 2.75                | 3.19                | 3.00                | 2.99                | 8.92            | 8.99                  |
| 5700MHz                        | Pass   | 8.01        | -1.89               | -1.73               | -1.97               | -2.49               | 3.89            | 8.99                  |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 8.01        | 3.13                | 2.99                | 2.98                | 2.54                | 8.79            | 8.99                  |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 8.01        | 1.55                | 1.49                | 1.63                | 0.64                | 7.31            | 27.99                 |
| 5745MHz                        | Pass   | 8.01        | 9.00                | 9.67                | 9.48                | 8.70                | 15.10           | 27.99                 |
| 5785MHz                        | Pass   | 8.01        | 9.32                | 9.71                | 9.48                | 8.52                | 15.18           | 27.99                 |
| 5825MHz                        | Pass   | 8.01        | 9.25                | 9.59                | 9.27                | 8.62                | 15.11           | 27.99                 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     |
| 5180MHz                        | Pass   | 8.01        | 6.36                | 6.72                | 6.74                | 5.99                | 12.39           | 14.99                 |
| 5200MHz                        | Pass   | 8.01        | 9.00                | 9.08                | 9.25                | 8.72                | 14.96           | 14.99                 |
| 5240MHz                        | Pass   | 8.01        | 9.04                | 8.75                | 9.13                | 8.59                | 14.79           | 14.99                 |
| 5260MHz                        | Pass   | 8.01        | 2.72                | 2.97                | 3.11                | 2.83                | 8.85            | 8.99                  |
| 5300MHz                        | Pass   | 8.01        | 2.66                | 2.79                | 2.99                | 2.86                | 8.80            | 8.99                  |
| 5320MHz                        | Pass   | 8.01        | 2.48                | 2.91                | 3.13                | 2.72                | 8.75            | 8.99                  |
| 5500MHz                        | Pass   | 8.01        | 2.90                | 2.77                | 3.07                | 2.60                | 8.79            | 8.99                  |
| 5580MHz                        | Pass   | 8.01        | 2.82                | 3.03                | 2.99                | 2.80                | 8.85            | 8.99                  |
| 5700MHz                        | Pass   | 8.01        | 3.11                | 3.14                | 3.18                | 2.38                | 8.90            | 8.99                  |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 8.01        | 3.09                | 2.85                | 3.14                | 2.38                | 8.81            | 8.99                  |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 8.01        | 1.30                | 1.42                | 1.34                | 0.55                | 7.11            | 27.99                 |
| 5745MHz                        | Pass   | 8.01        | 8.57                | 9.11                | 9.04                | 8.09                | 14.68           | 27.99                 |
| 5785MHz                        | Pass   | 8.01        | 8.60                | 9.13                | 8.98                | 7.75                | 14.60           | 27.99                 |
| 5825MHz                        | Pass   | 8.01        | 8.72                | 8.95                | 8.78                | 8.16                | 14.61           | 27.99                 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     |
| 5190MHz                        | Pass   | 8.01        | 0.55                | 0.59                | 0.50                | 0.06                | 6.35            | 14.99                 |
| 5230MHz                        | Pass   | 8.01        | 6.59                | 6.21                | 6.55                | 6.12                | 12.29           | 14.99                 |
| 5270MHz                        | Pass   | 8.01        | 1.23                | 1.30                | 1.57                | 1.15                | 7.25            | 8.99                  |
| 5310MHz                        | Pass   | 8.01        | 0.90                | 0.99                | 1.31                | 0.81                | 6.96            | 8.99                  |
| 5510MHz                        | Pass   | 8.01        | 0.64                | 0.52                | 0.63                | 0.08                | 6.40            | 8.99                  |
| 5550MHz                        | Pass   | 8.01        | 1.30                | 1.52                | 1.53                | 1.14                | 7.28            | 8.99                  |
| 5670MHz                        | Pass   | 8.01        | 1.19                | 1.64                | 1.44                | 0.81                | 7.16            | 8.99                  |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 8.01        | 1.85                | 2.25                | 2.07                | 1.13                | 7.78            | 8.99                  |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 8.01        | -0.31               | 0.30                | -0.32               | -1.08               | 5.62            | 27.99                 |
| 5755MHz                        | Pass   | 8.01        | 5.43                | 5.77                | 5.99                | 4.57                | 11.40           | 27.99                 |
| 5795MHz                        | Pass   | 8.01        | 5.94                | 6.27                | 6.04                | 4.94                | 11.74           | 27.99                 |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     |
| 5210MHz                        | Pass   | 8.01        | -2.05               | -1.82               | -1.59               | -2.16               | 4.04            | 14.99                 |

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|---------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 5290MHz                         | Pass   | 8.01        | -1.25               | -1.30               | -1.14               | -1.23               | 4.74            | 8.99                  |
| 5530MHz                         | Pass   | 8.01        | -1.73               | -1.54               | -1.76               | -1.97               | 4.17            | 8.99                  |
| 5610MHz                         | Pass   | 8.01        | -1.62               | -1.14               | -1.19               | -2.08               | 4.42            | 8.99                  |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 8.01        | -1.39               | -1.01               | -1.06               | -1.87               | 4.56            | 8.99                  |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 8.01        | -4.34               | -3.42               | -4.18               | -4.99               | 1.77            | 27.99                 |
| 5775MHz                         | Pass   | 8.01        | 0.16                | 0.65                | 0.56                | -0.90               | 6.02            | 27.99                 |
| 802.11ax HEW160_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 8.01        | -4.51               | -4.37               | -4.22               | -4.69               | 1.54            | 14.99                 |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 8.01        | -4.24               | -3.99               | -4.01               | -4.45               | 1.77            | 8.99                  |
| 5570MHz                         | Pass   | 8.01        | -4.67               | -4.54               | -4.80               | -4.91               | 1.16            | 8.99                  |

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

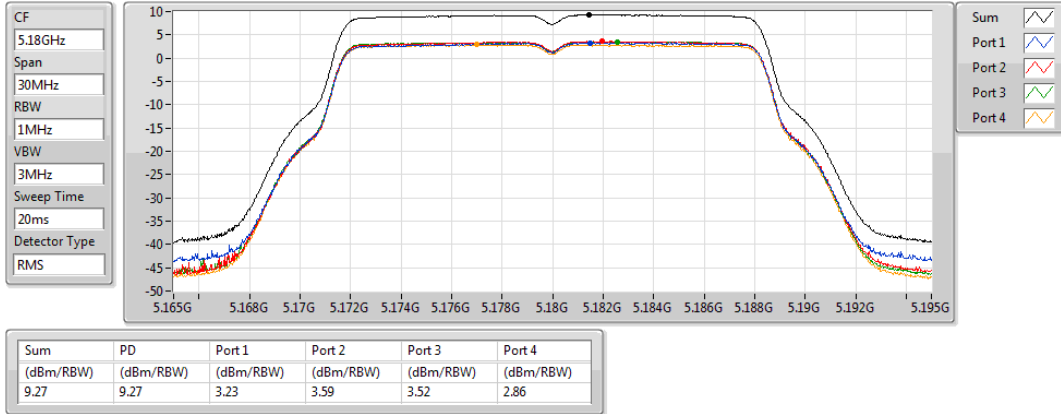
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

## PSD

5180MHz

16/07/2020

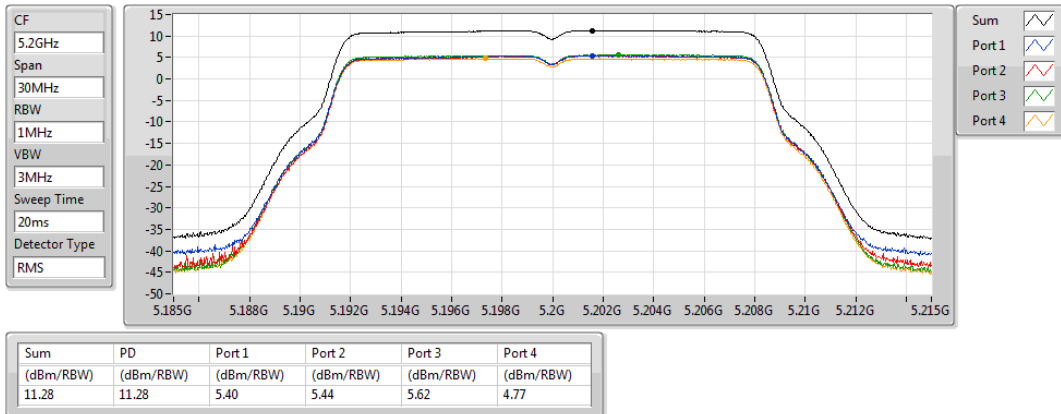


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5200MHz

16/07/2020

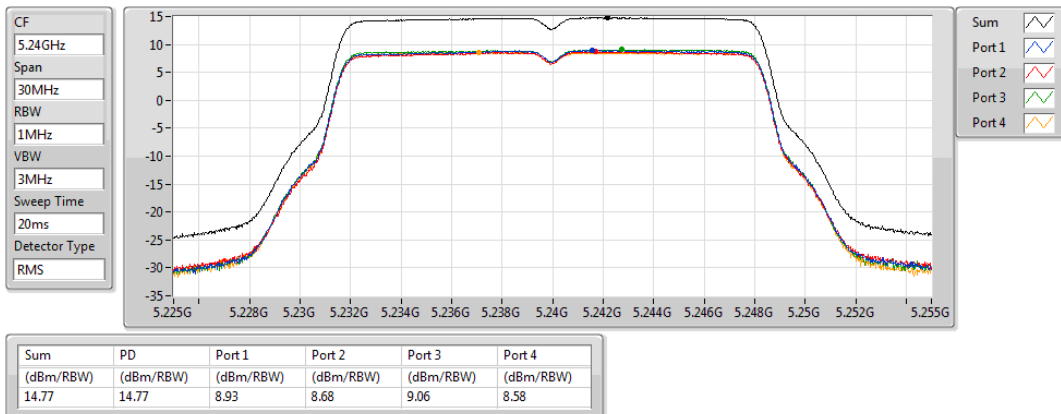


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5240MHz

16/07/2020

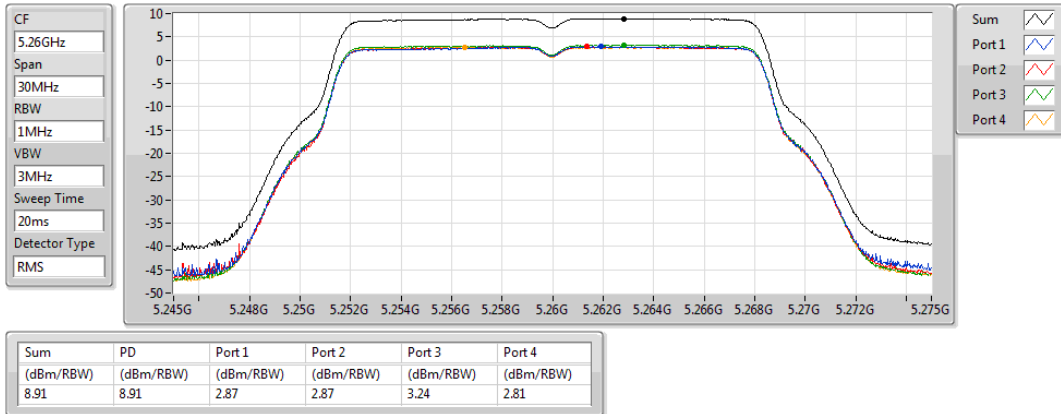


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5260MHz

16/07/2020

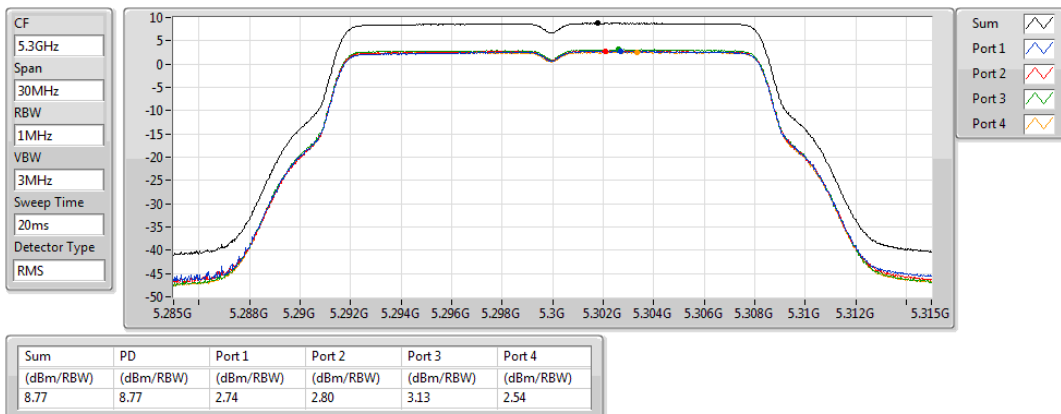


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5300MHz

16/07/2020

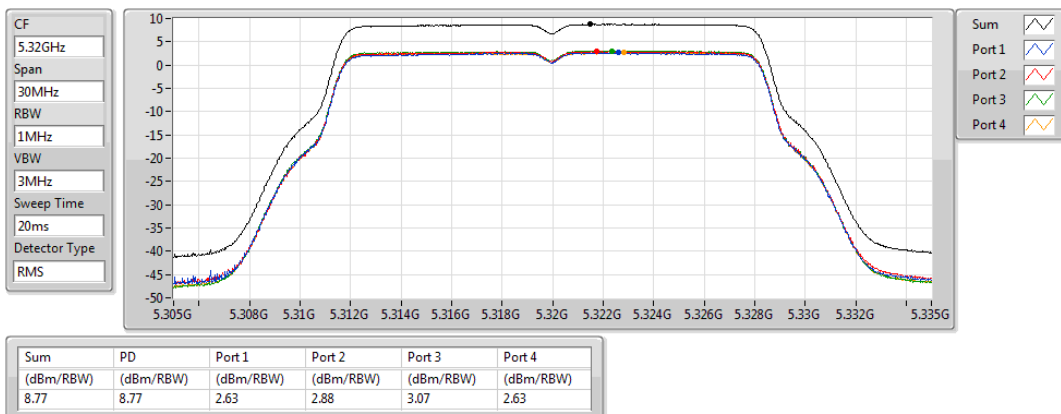


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5320MHz

16/07/2020

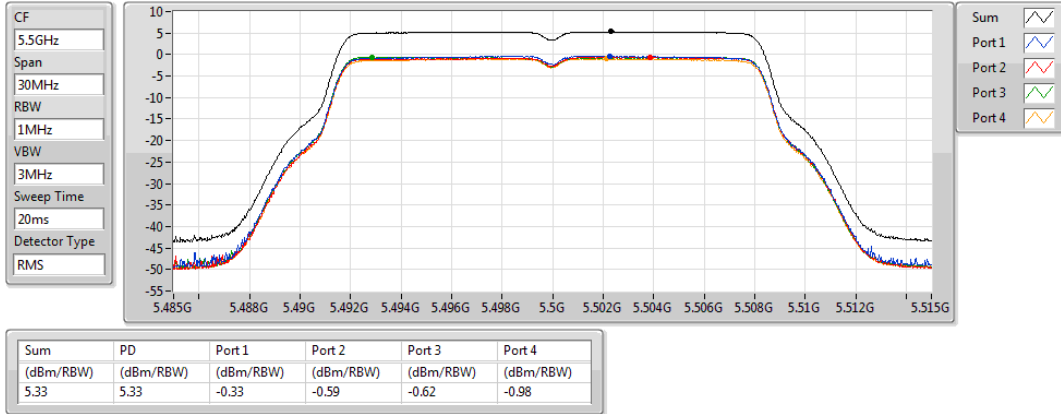


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5500MHz

16/07/2020

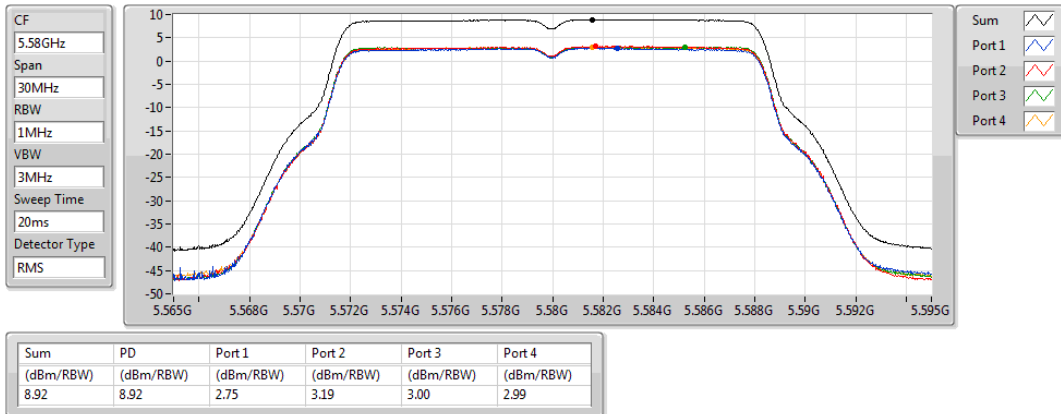


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5580MHz

16/07/2020

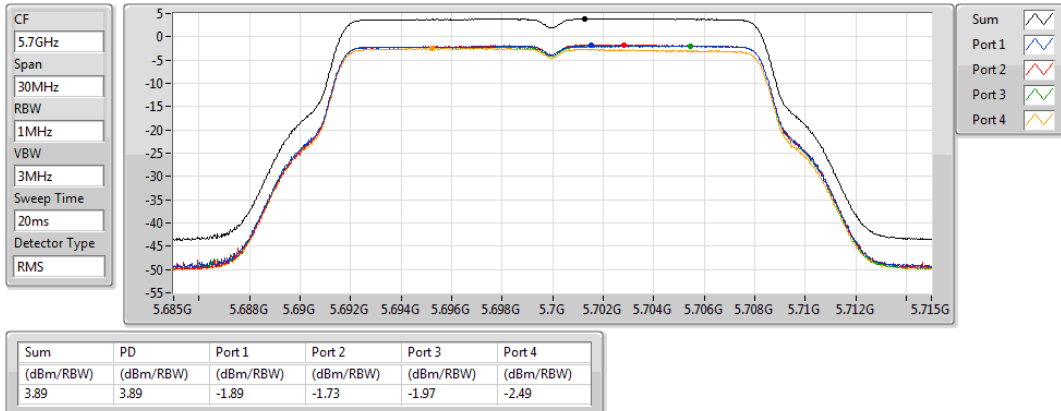


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5700MHz

16/07/2020

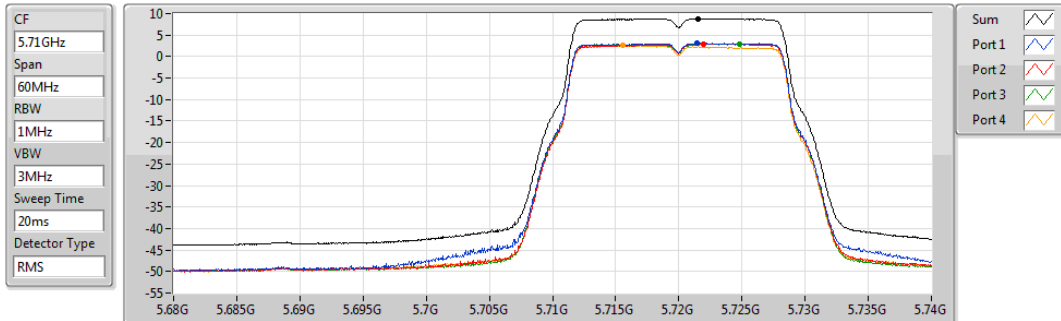


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

## 5720MHz Straddle 5.47-5.725GHz

16/07/2020



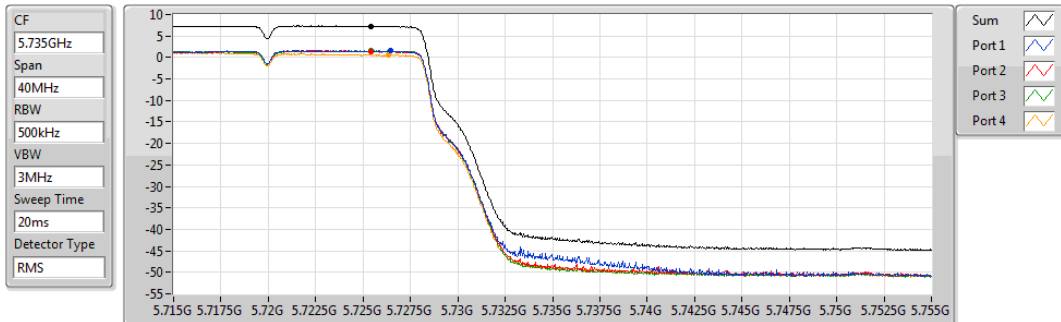
|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.79      | 8.79      | 3.13      | 2.99      | 2.98      | 2.54      |

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

## PSD

## 5720MHz Straddle 5.725-5.85GHz

16/07/2020



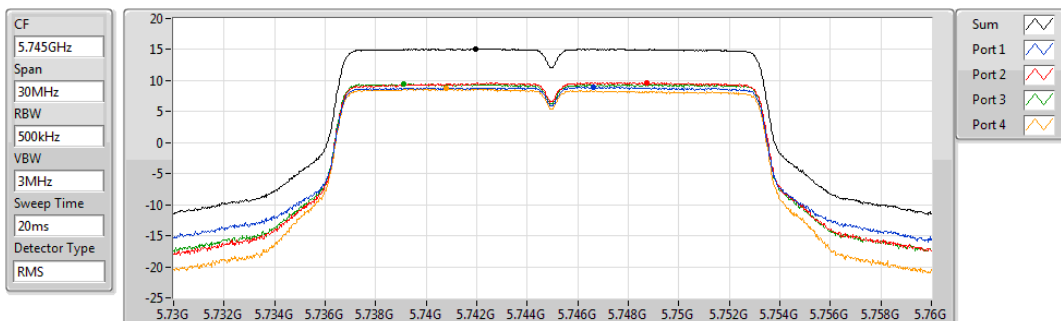
|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.31      | 7.31      | 1.55      | 1.49      | 1.63      | 0.64      |

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

## PSD

## 5745MHz

16/07/2020



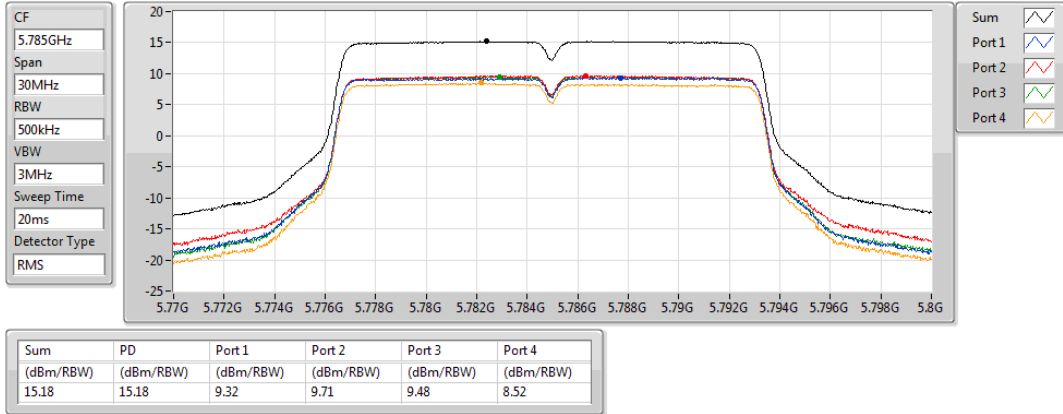
|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 15.10     | 15.10     | 9.00      | 9.67      | 9.48      | 8.70      |

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

## PSD

5785MHz

16/07/2020

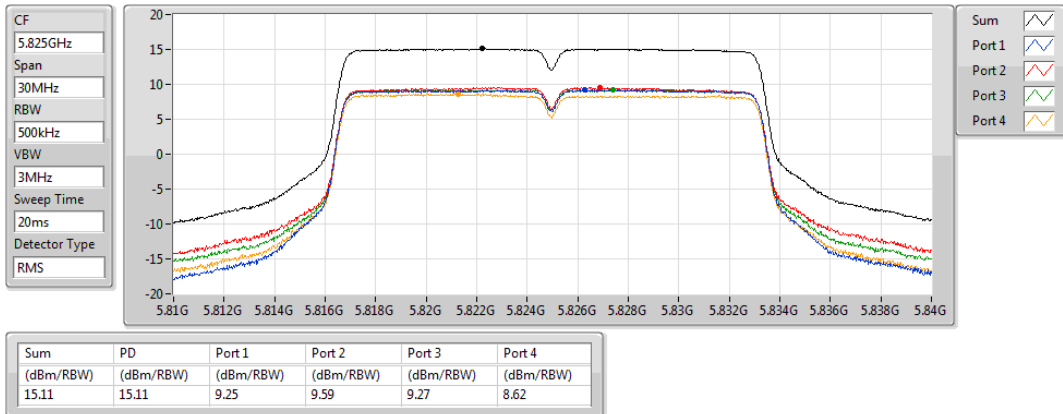


## 802.11a\_Nss1,(6Mbps)\_4TX

## PSD

5825MHz

16/07/2020

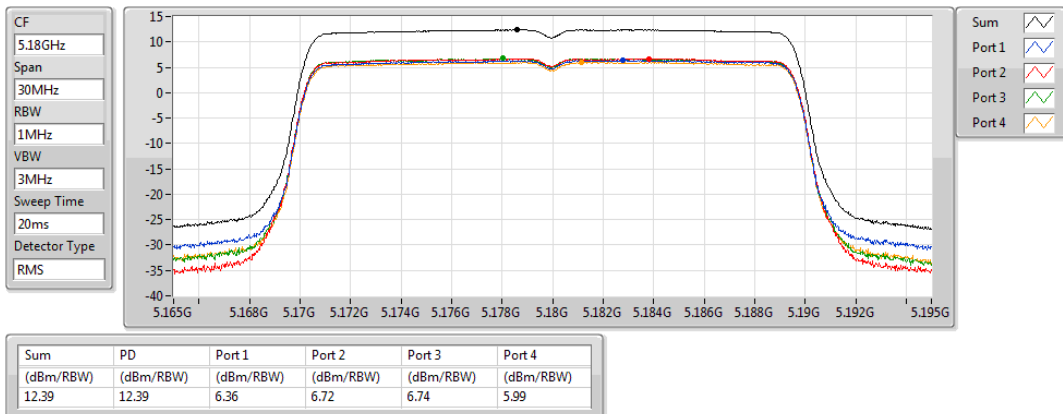


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5180MHz

16/07/2020

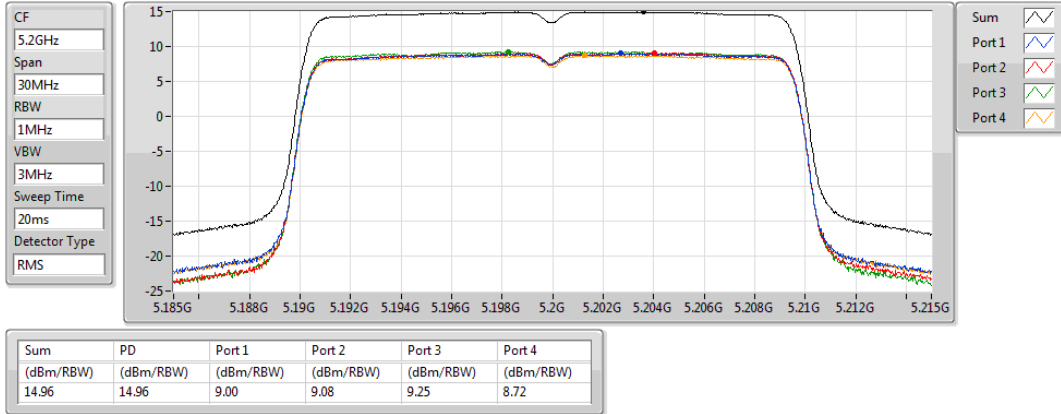


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5200MHz

16/07/2020

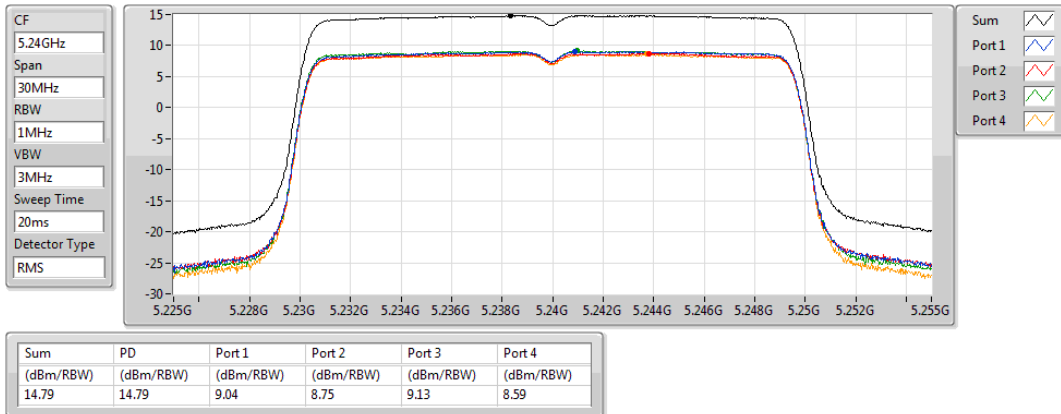


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5240MHz

16/07/2020

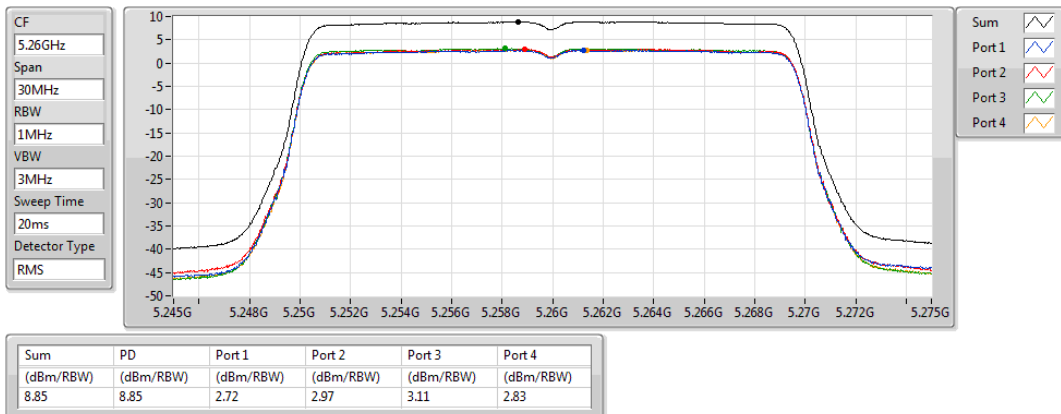


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5260MHz

16/07/2020

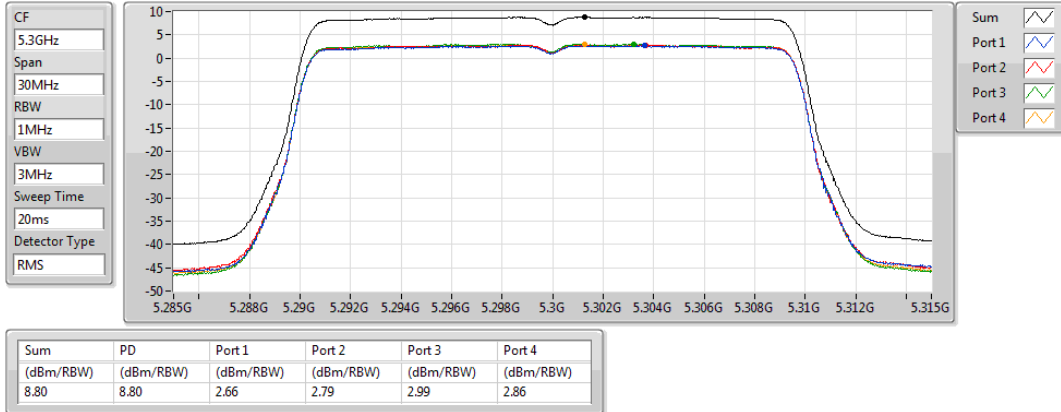


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5300MHz

16/07/2020

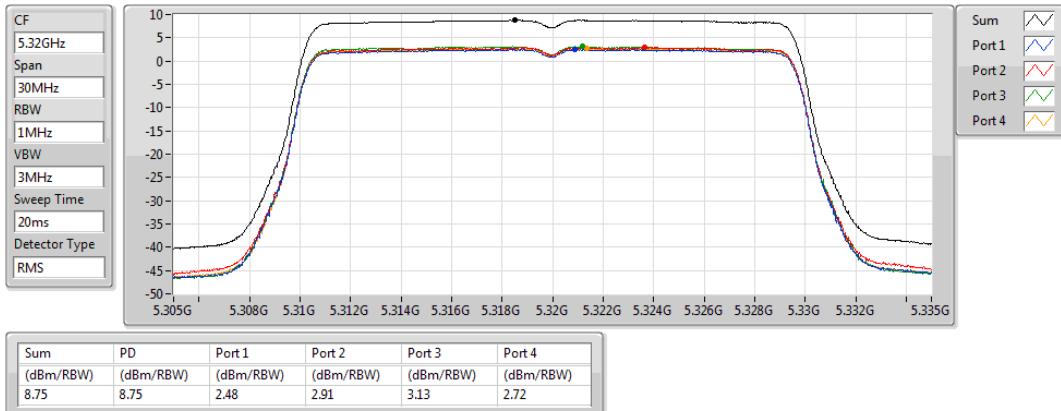


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5320MHz

16/07/2020

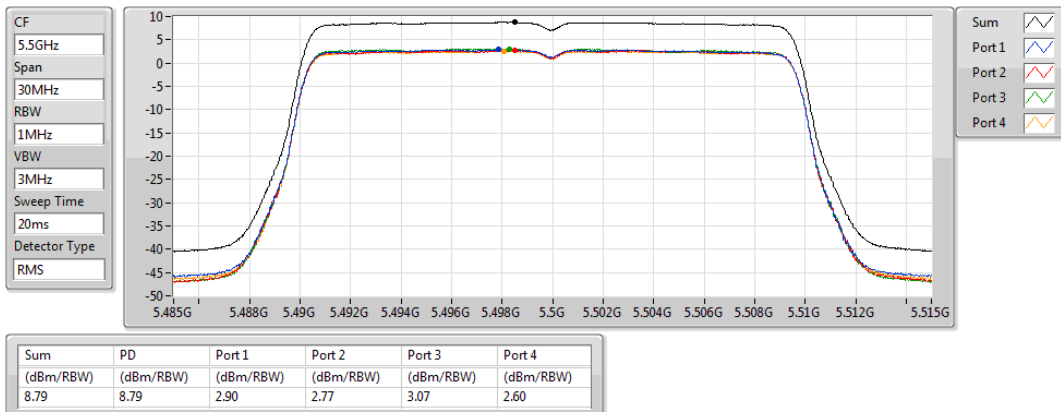


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5500MHz

16/07/2020

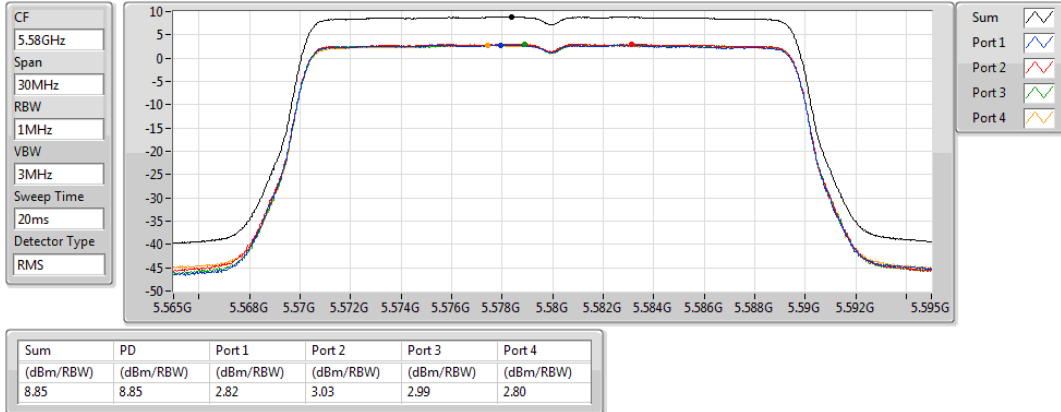


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5580MHz

16/07/2020

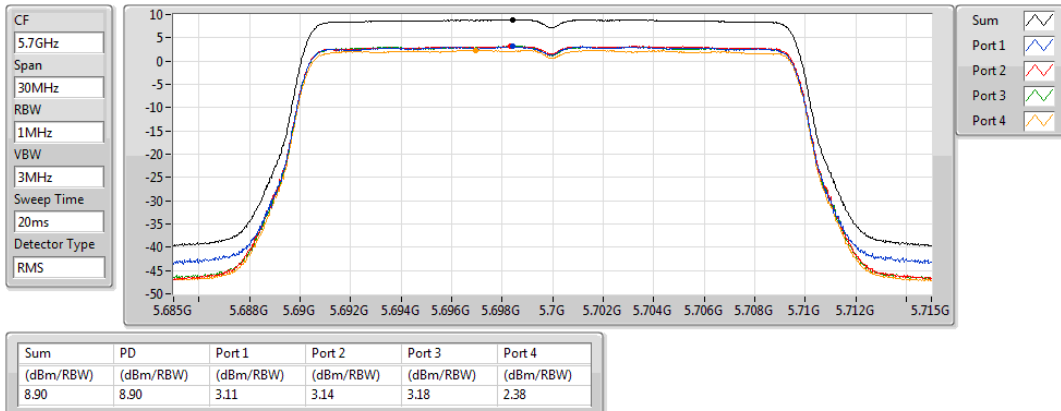


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5700MHz

16/07/2020

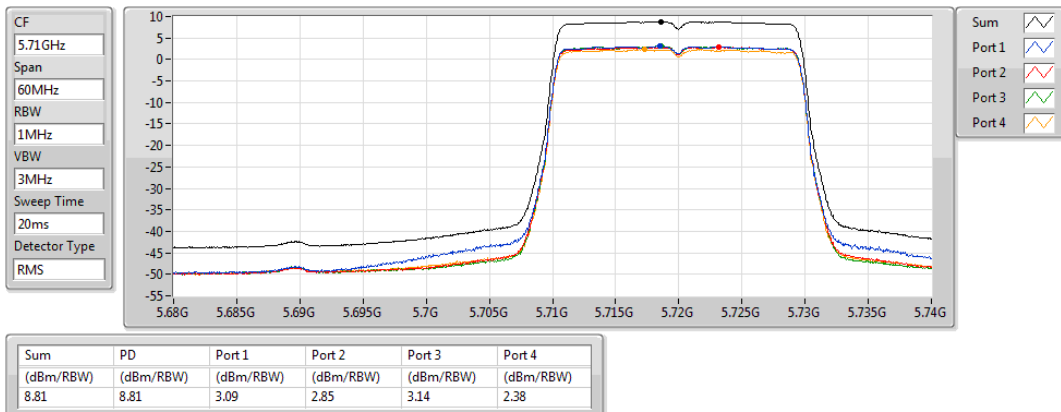


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5720MHz Straddle 5.47-5.725GHz

16/07/2020

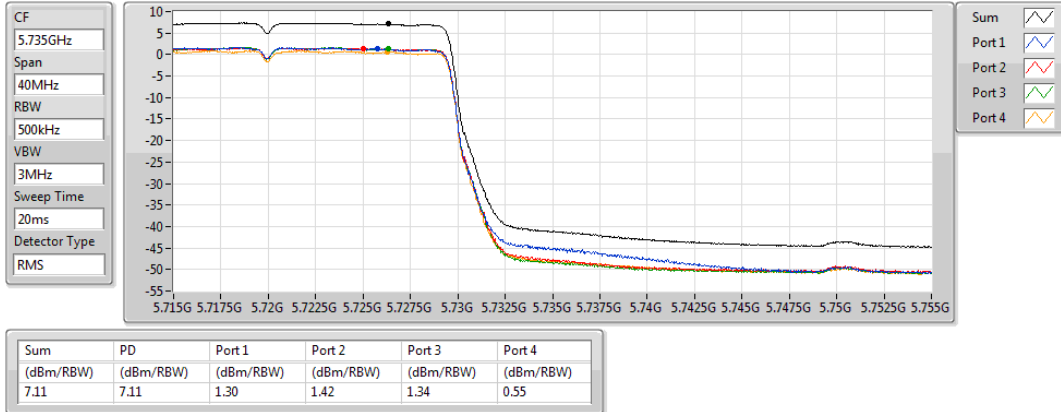


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

## 5720MHz Straddle 5.725-5.85GHz

16/07/2020

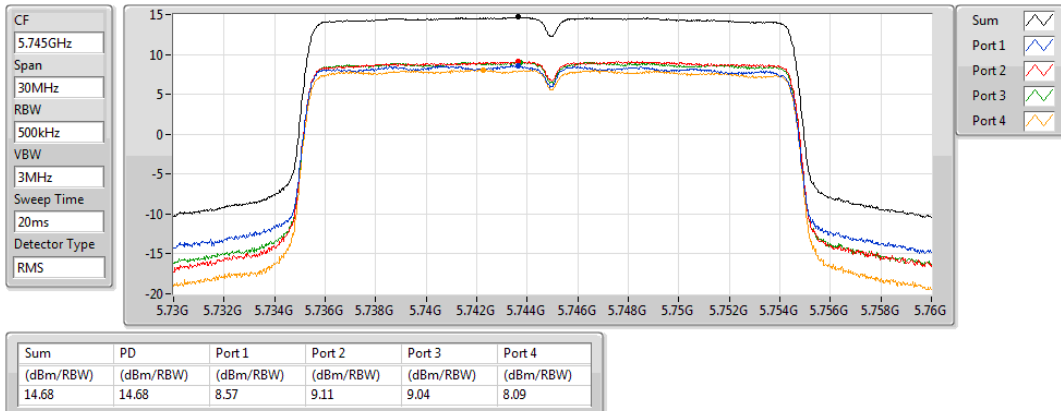


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

## 5745MHz

16/07/2020

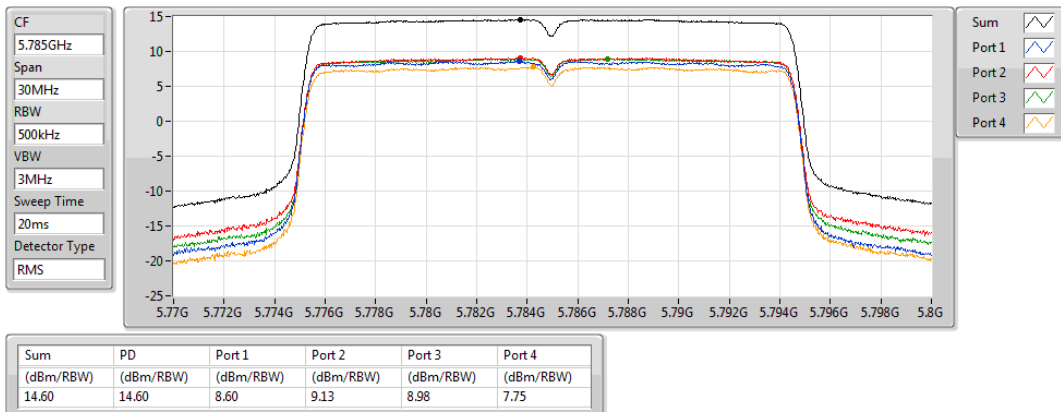


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

## 5785MHz

16/07/2020

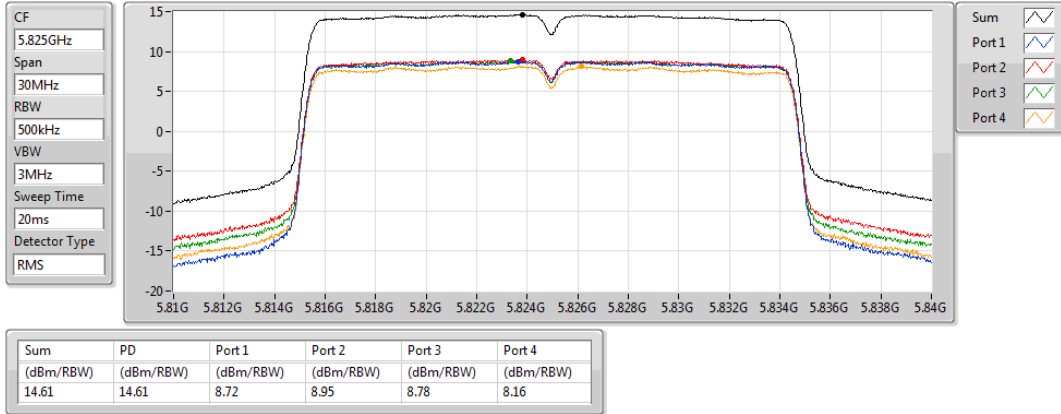


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

## PSD

5825MHz

16/07/2020

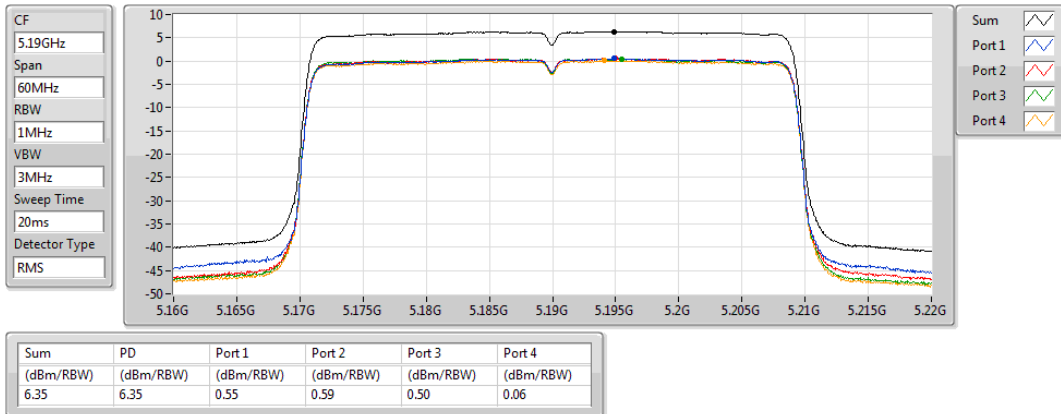


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

## PSD

5190MHz

16/07/2020

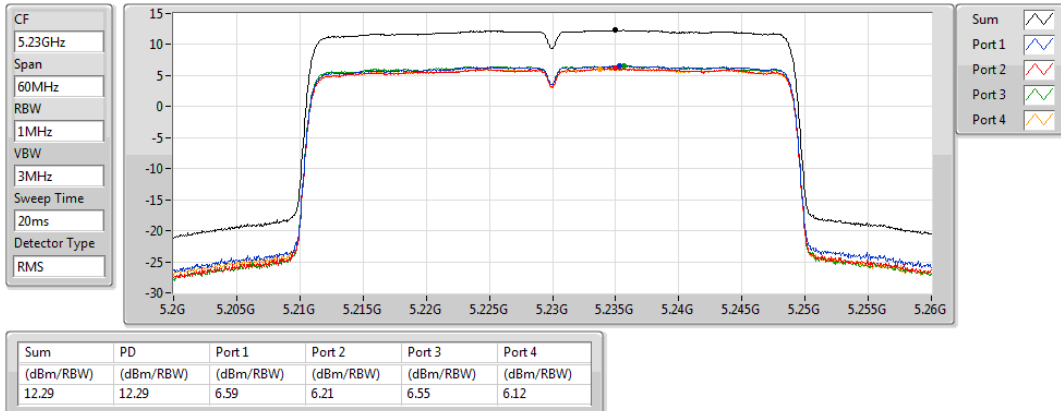


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

## PSD

5230MHz

16/07/2020

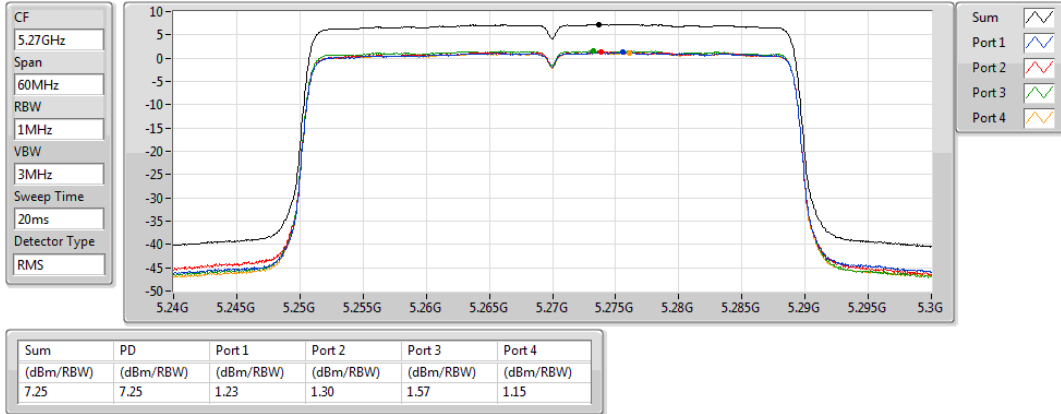


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5270MHz

16/07/2020

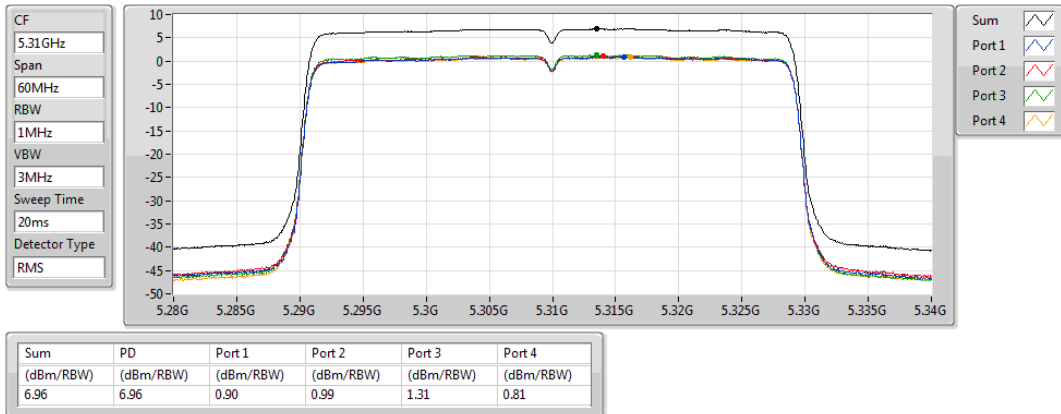


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5310MHz

16/07/2020

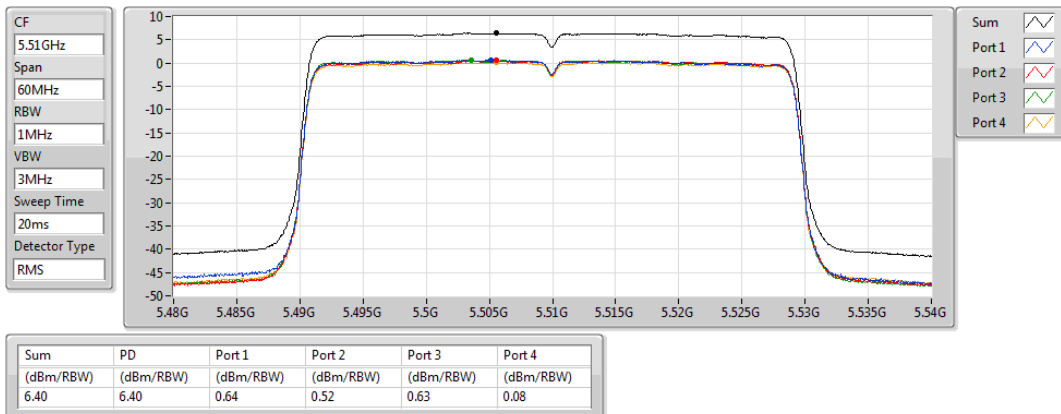


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5510MHz

16/07/2020

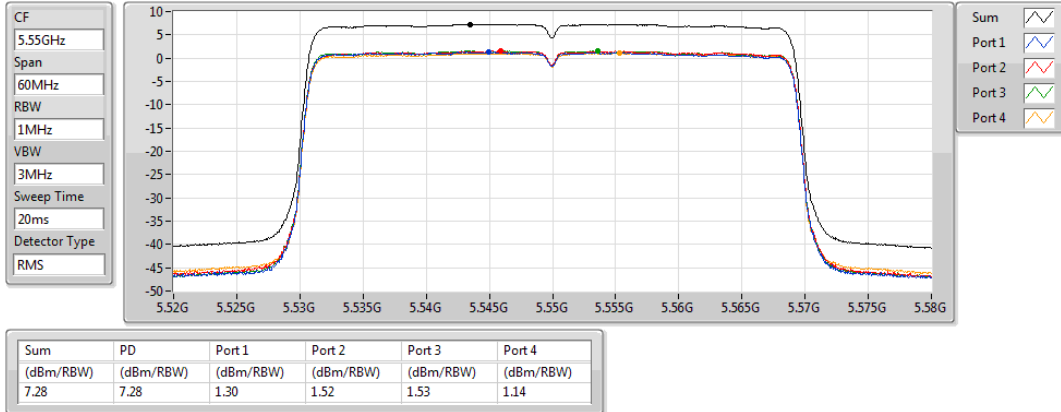


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5550MHz

16/07/2020

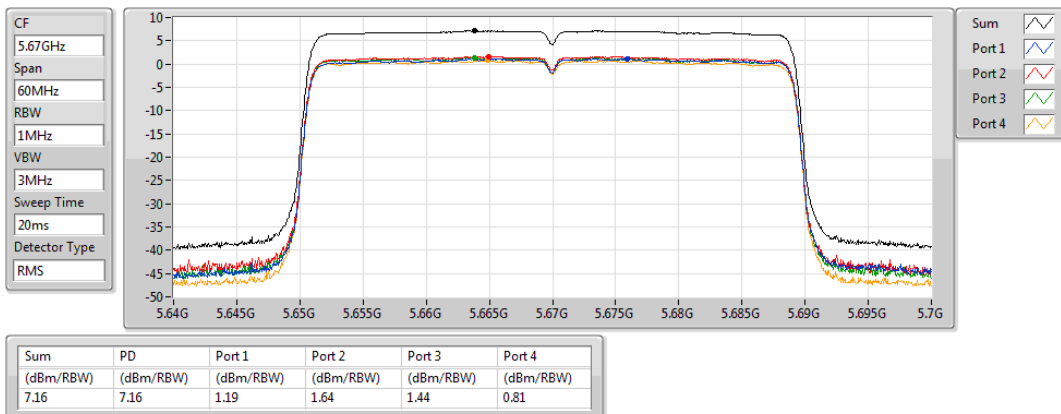


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5670MHz

16/07/2020

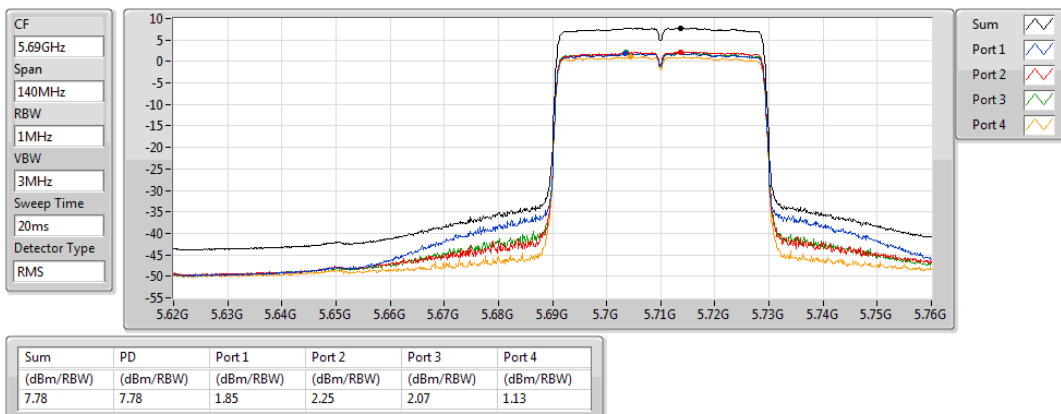


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

16/07/2020

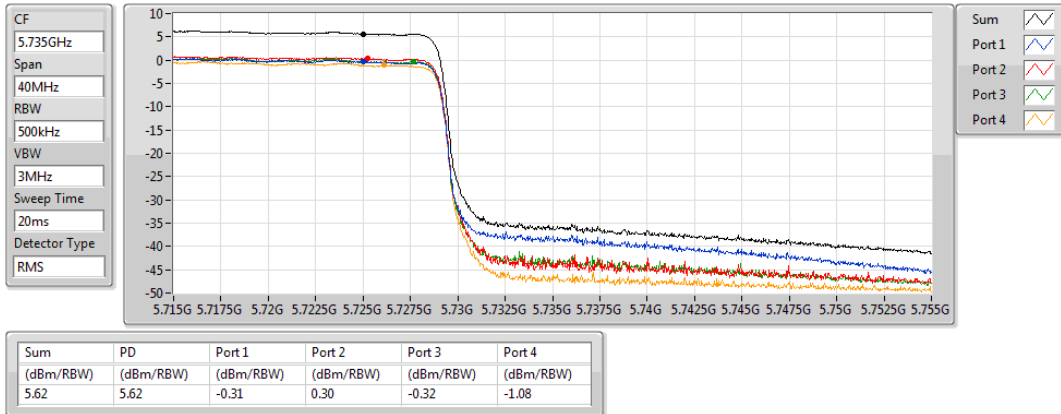


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

16/07/2020

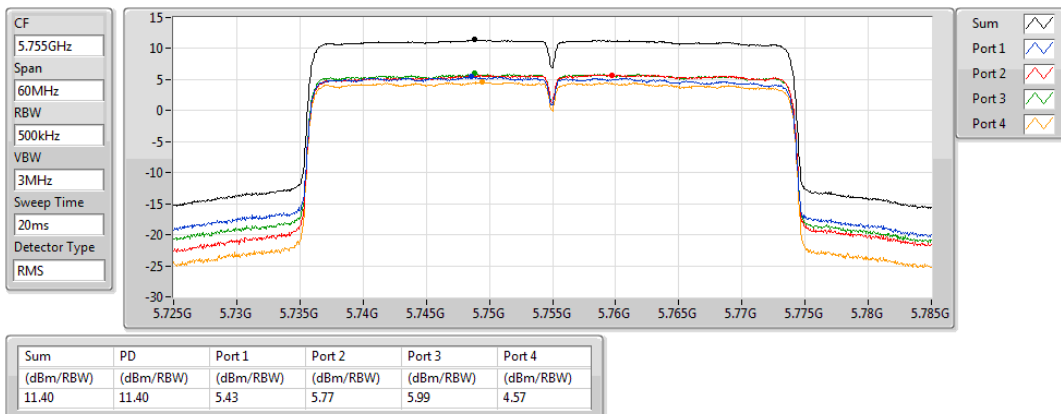


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

16/07/2020

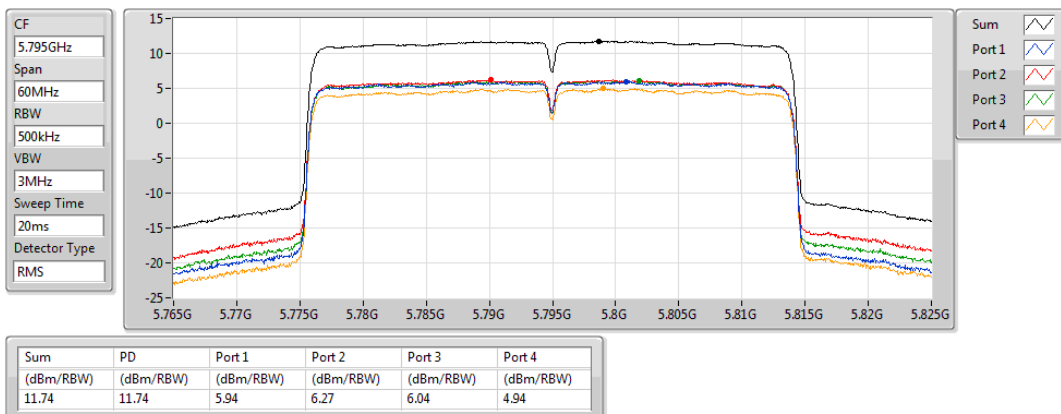


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

16/07/2020

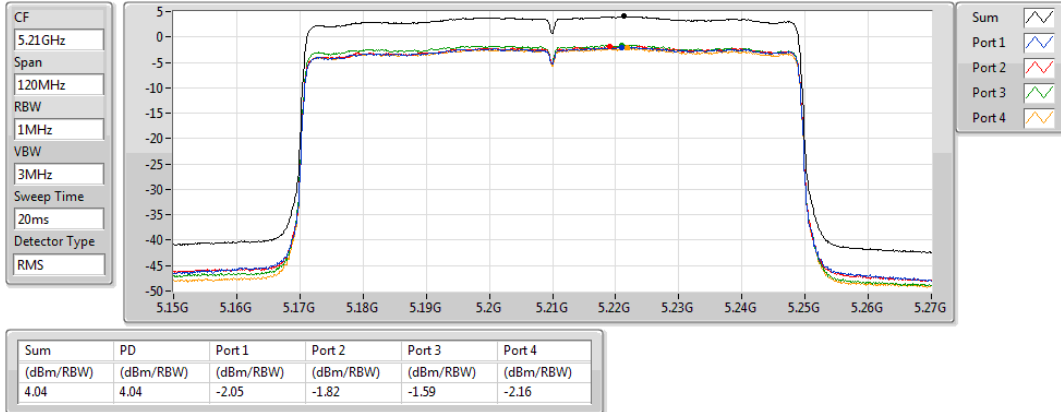


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5210MHz

16/07/2020

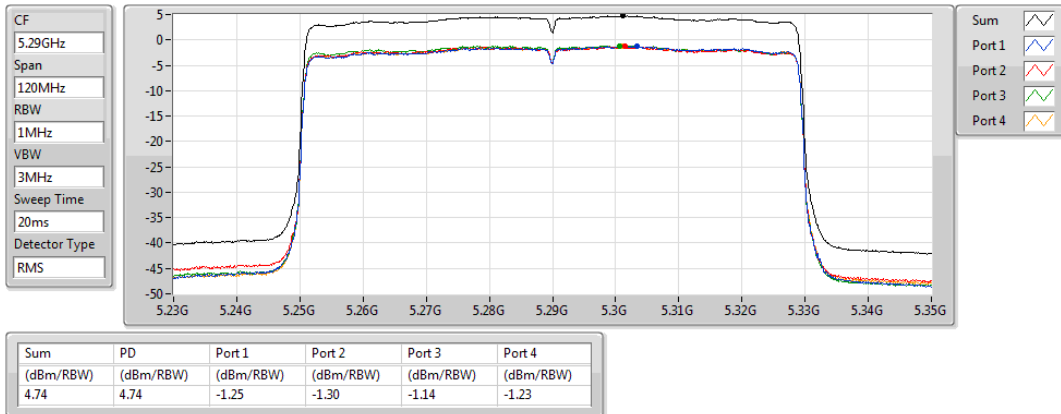


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5290MHz

16/07/2020

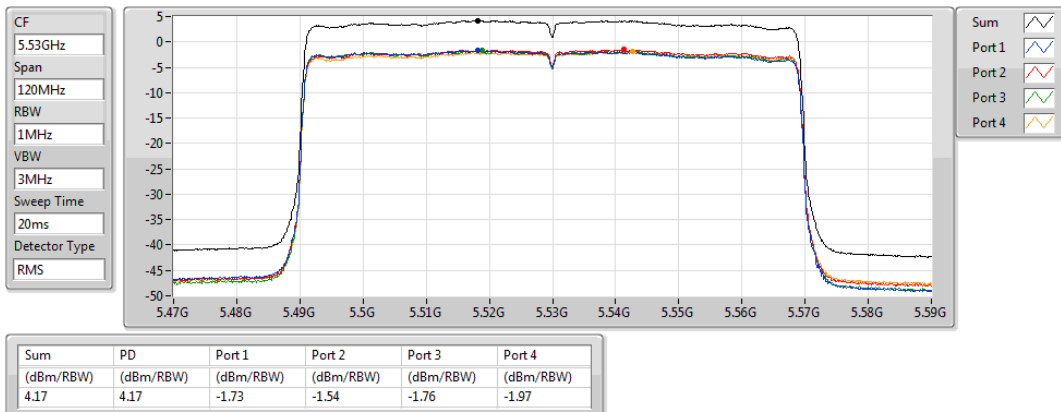


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5530MHz

16/07/2020



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

PSD

5610MHz

16/07/2020

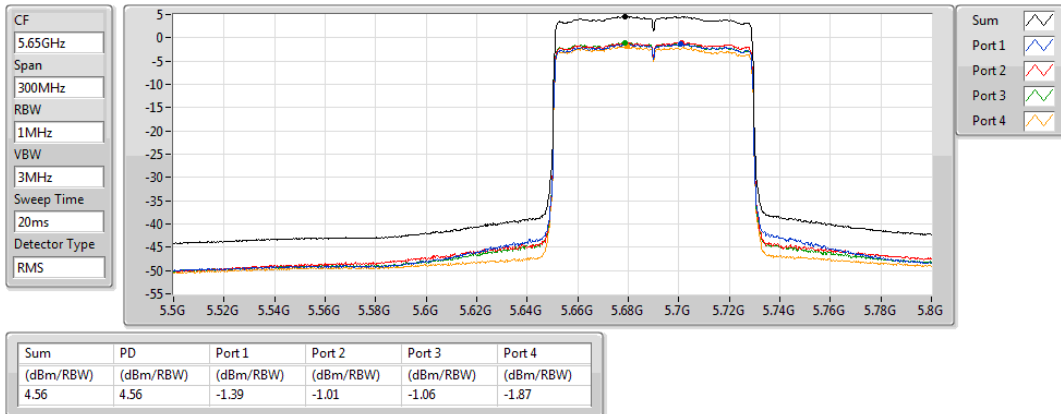


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

16/07/2020

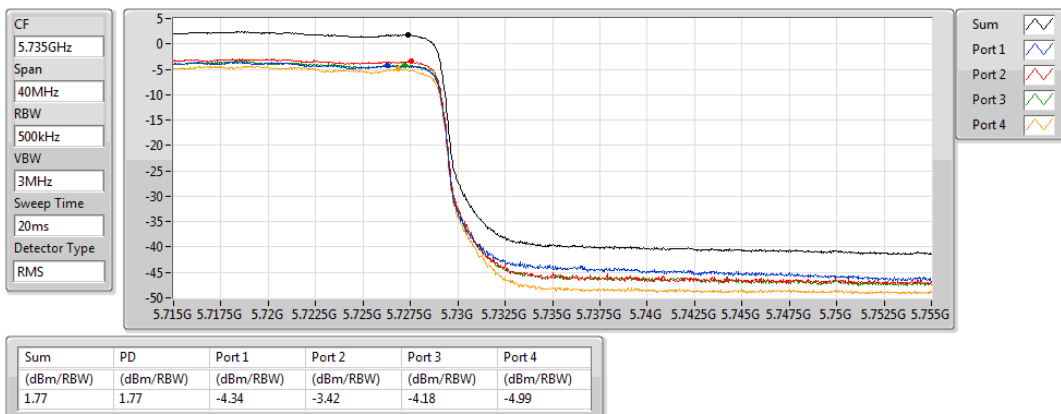


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

16/07/2020

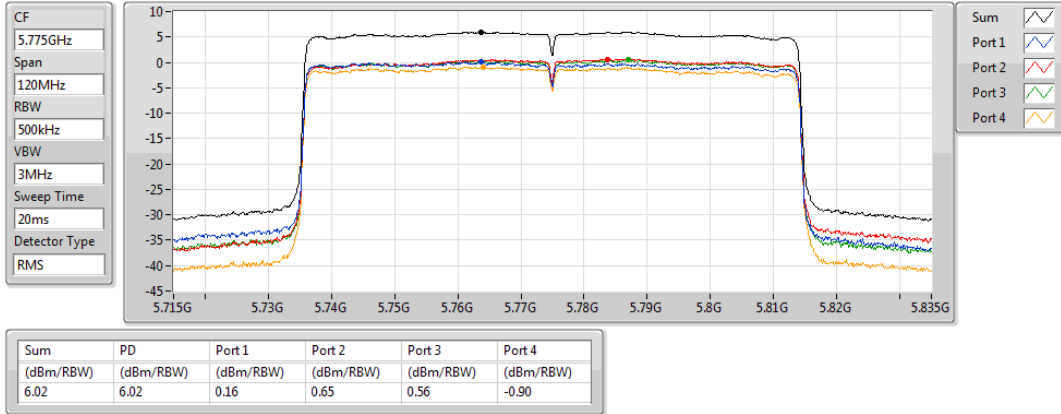


## 802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5775MHz

16/07/2020

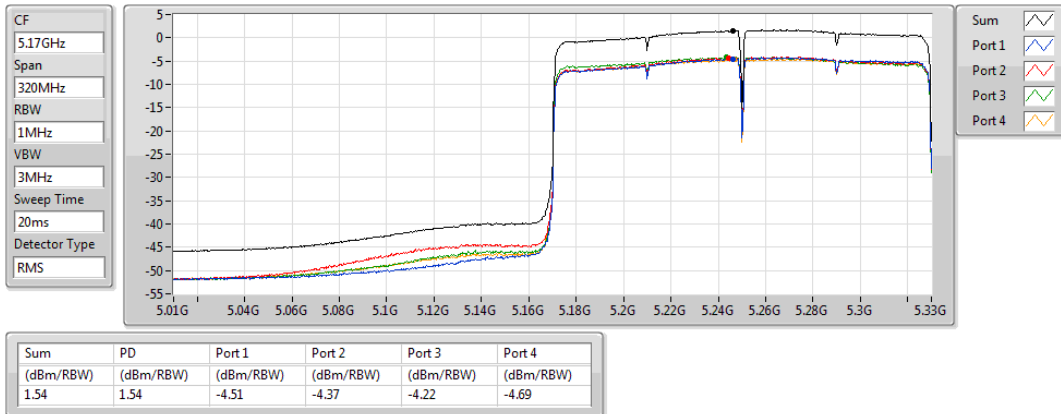


## 802.11ax HEW160\_Nss1,(MCS0)\_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/07/2020

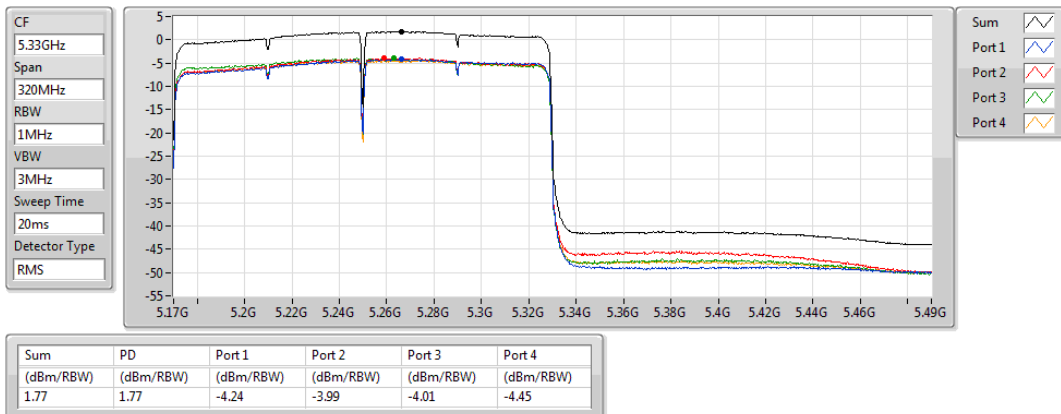


## 802.11ax HEW160\_Nss1,(MCS0)\_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/07/2020

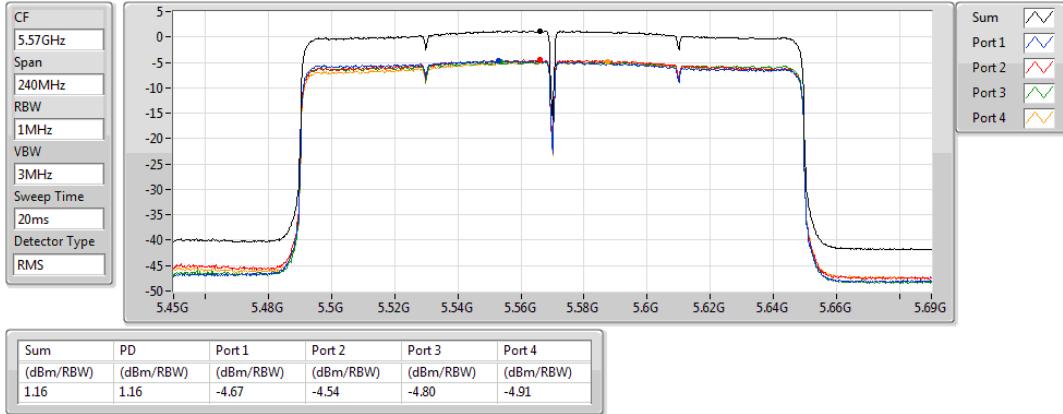


## 802.11ax HEW160\_Nss1,(MCS0)\_4TX

## PSD

5570MHz

16/07/2020





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

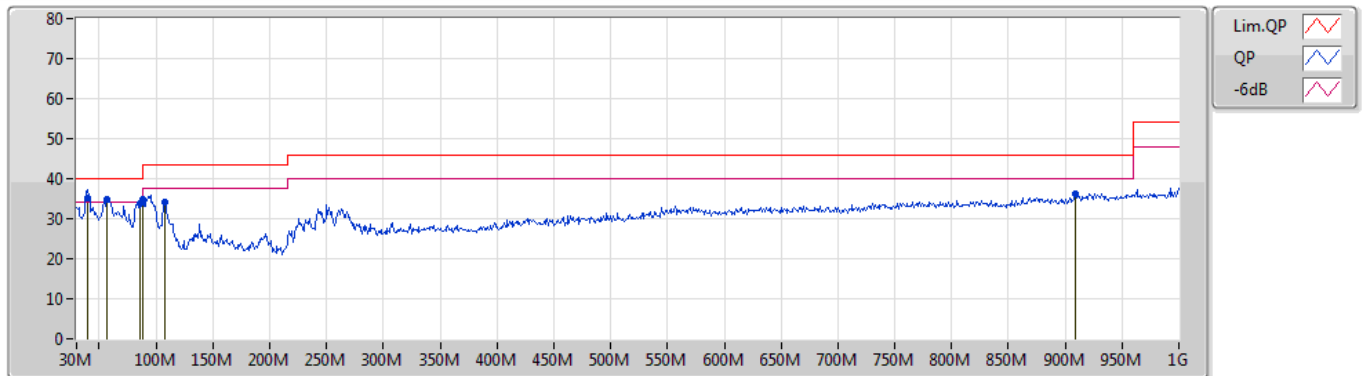
Appendix E.1

### **Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-------------------|-------------------|----------------|-----------|
| Mode 4 | Pass   | QP   | 39.7M        | 35.27             | 40.00             | -4.73          | Vertical  |

### Mode 4

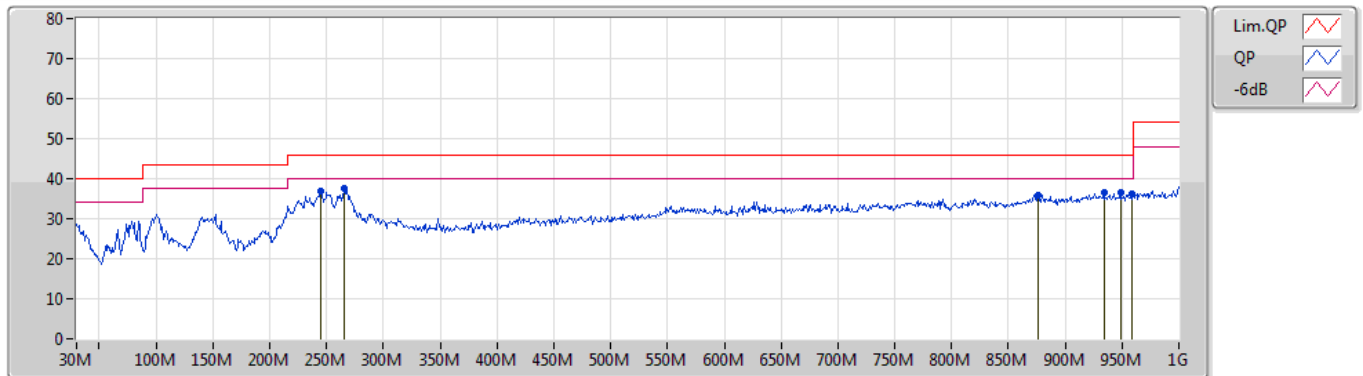
23/07/2020



| 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/m) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|-----------------|--------------|------------|------------|
| QP   | 39.7M        | 35.27             | 40.00             | -4.73          | -10.73         | 3           | Vertical  | 180            | 1.00          | "Worst" | 46.00           | 19.12        | 1.60       | 31.45      |
| PK   | 57.16M       | 34.95             | 40.00             | -5.05          | -17.69         | 3           | Vertical  | 62             | 1.00          | -       | 52.64           | 12.37        | 1.54       | 31.60      |
| PK   | 86.26M       | 33.91             | 40.00             | -6.09          | -15.86         | 3           | Vertical  | 182            | 1.50          | -       | 49.77           | 13.94        | 1.93       | 31.73      |
| PK   | 88M          | 34.71             | 43.50             | -8.79          | -15.47         | 3           | Vertical  | 137            | 1.25          | -       | 50.18           | 14.27        | 1.96       | 31.70      |
| PK   | 107.6M       | 34.06             | 43.50             | -9.44          | -12.20         | 3           | Vertical  | 197            | 1.00          | -       | 46.26           | 17.33        | 2.18       | 31.71      |
| PK   | 908.82M      | 36.27             | 46.00             | -9.73          | 0.77           | 3           | Vertical  | 200            | 1.50          | -       | 35.50           | 26.68        | 6.60       | 32.51      |

### Mode 4

23/07/2020



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw      | AF     | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|----------|--------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV/m) | (dB/m) | (dB) | (dB)  |
| PK   | 244.37M | 36.79    | 46.00    | -9.21  | -10.82 | 3    | Horizontal | 105     | 1.00   | -       | 47.61    | 17.80  | 3.17 | 31.79 |
| PK   | 265.71M | 37.54    | 46.00    | -8.46  | -9.11  | 3    | Horizontal | 66      | 1.25   | "Worst" | 46.65    | 19.36  | 3.33 | 31.80 |
| PK   | 875.84M | 35.94    | 46.00    | -10.06 | 0.22   | 3    | Horizontal | 152     | 1.00   | -       | 35.72    | 26.36  | 6.36 | 32.50 |
| PK   | 934.04M | 36.55    | 46.00    | -9.45  | 0.66   | 3    | Horizontal | 355     | 1.25   | -       | 35.89    | 26.58  | 6.60 | 32.52 |
| PK   | 948.59M | 36.48    | 46.00    | -9.52  | 0.83   | 3    | Horizontal | 0       | 1.25   | -       | 35.65    | 26.77  | 6.60 | 32.54 |
| PK   | 959.26M | 36.06    | 46.00    | -9.94  | 0.98   | 3    | Horizontal | 182     | 1.50   | -       | 35.08    | 26.92  | 6.60 | 32.54 |



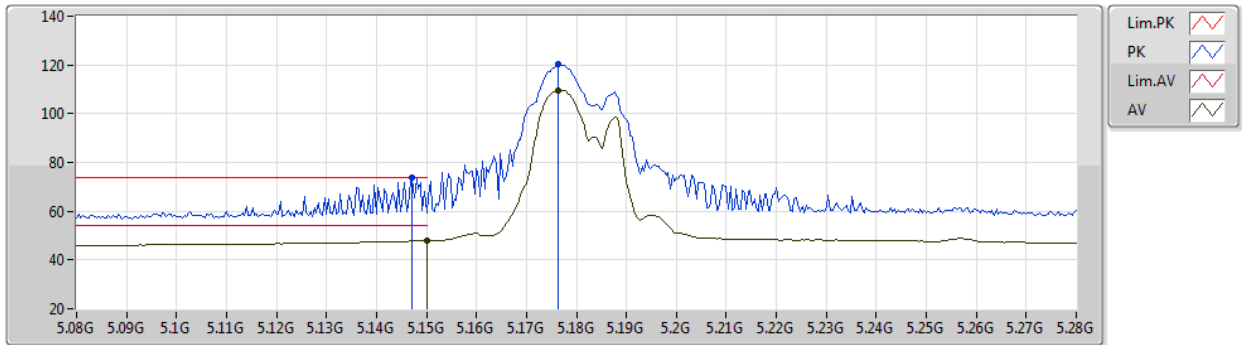
**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW40_Nss1.(MCS0)_4TX | Pass   | PK   | 5.633G       | 68.16             | 68.20             | -0.04          | 3           | Vertical  | 139            | 2.28          | -        |

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

13/07/2020

### 5180MHz\_TX



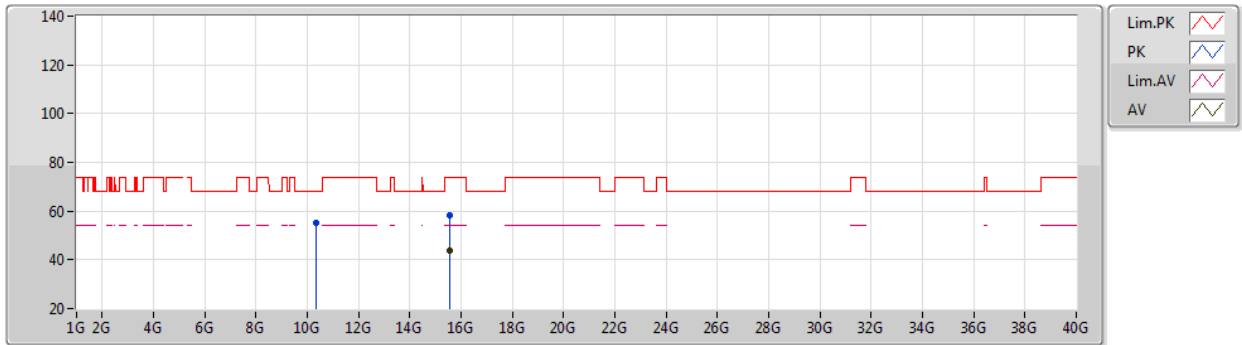
EUT\_Z\_4TX  
Setting 67  
06-F-S-5-10

| 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   | 5.1472G      | 73.80             | 74.00             | -0.20          | 68.07         | 3           | Vertical  | 79             | 1.59          | -       | 31.76      | 5.60       | 31.63      |
| AV   | 5.15G        | 48.11             | 54.00             | -5.89          | 42.40         | 3           | Vertical  | 79             | 1.59          | -       | 31.75      | 5.60       | 31.64      |
| PK   | 5.1764G      | 120.13            | Inf               | -Inf           | 114.56        | 3           | Vertical  | 79             | 1.59          | -       | 31.62      | 5.60       | 31.65      |
| AV   | 5.1764G      | 109.72            | Inf               | -Inf           | 104.15        | 3           | Vertical  | 79             | 1.59          | -       | 31.62      | 5.60       | 31.65      |

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

13/07/2020

### 5180MHz\_TX



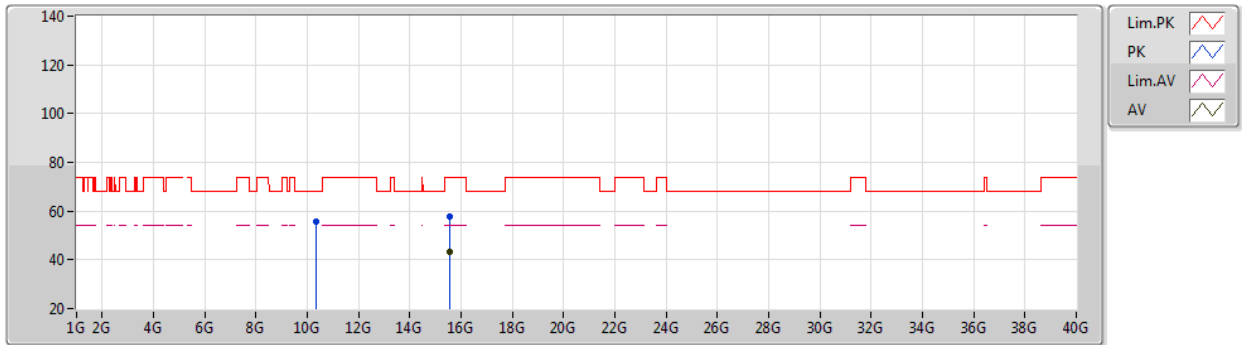
EUT\_Z\_4TX  
Setting 67  
01-D-G-2

| 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   | 10.3565G     | 54.99             | 68.20             | -13.21         | 43.24         | 3           | Vertical  | 256            | 1.81          | -       | 38.21      | 8.91       | 35.37      |
| PK   | 15.54474G    | 58.03             | 74.00             | -15.97         | 44.26         | 3           | Vertical  | 238            | 1.80          | -       | 38.76      | 9.79       | 34.78      |
| AV   | 15.54354G    | 43.66             | 54.00             | -10.34         | 29.88         | 3           | Vertical  | 238            | 1.80          | -       | 38.77      | 9.79       | 34.78      |

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

13/07/2020

### 5180MHz\_TX



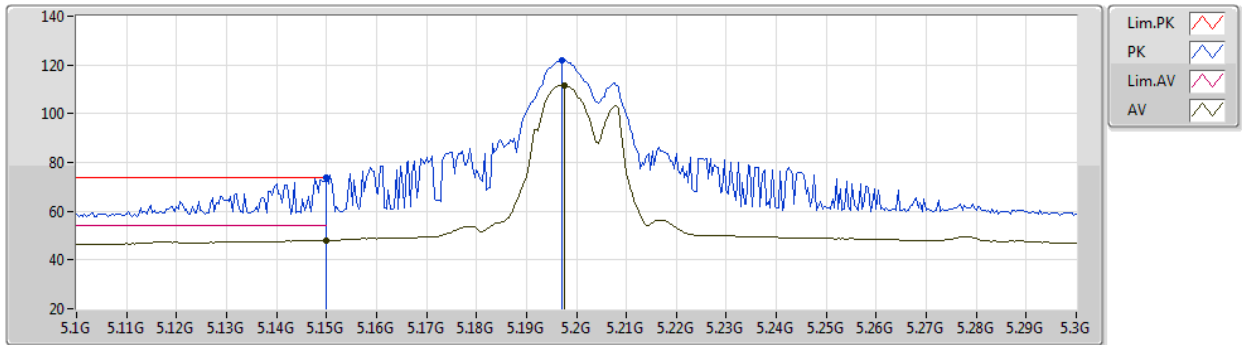
EUT\_Z\_4TX  
Setting 67  
01-D-G-2

| 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   | 10.36414G    | 55.89             | 68.20             | -12.31         | 44.14         | 3           | Horizontal | 286            | 2.62          | -       | 38.21      | 8.91       | 35.37      |
| PK   | 15.53798G    | 57.90             | 74.00             | -16.10         | 44.12         | 3           | Horizontal | 268            | 1.72          | -       | 38.77      | 9.79       | 34.78      |
| AV   | 15.54412G    | 43.43             | 54.00             | -10.57         | 29.66         | 3           | Horizontal | 268            | 1.72          | -       | 38.76      | 9.79       | 34.78      |

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

13/07/2020

### 5200MHz\_TX



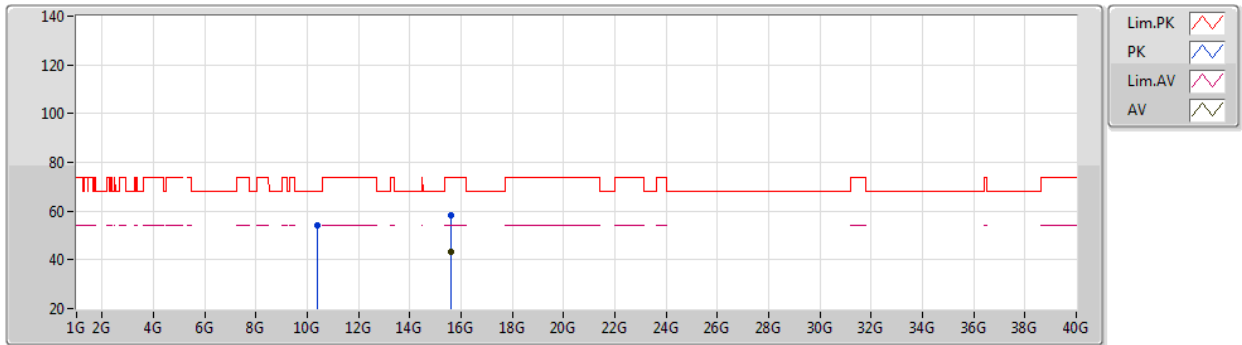
EUT\_Z\_4TX  
Setting 74  
06-F-S-5-10

| 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   | 5.15G        | 73.92             | 74.00             | -0.08          | 68.21         | 3           | Vertical  | 81             | 1.57          | -       | 31.75      | 5.60       | 31.64      |
| AV   | 5.15G        | 48.12             | 54.00             | -5.88          | 42.41         | 3           | Vertical  | 81             | 1.57          | -       | 31.75      | 5.60       | 31.64      |
| PK   | 5.1972G      | 121.95            | Inf               | -Inf           | 116.51        | 3           | Vertical  | 81             | 1.57          | -       | 31.51      | 5.60       | 31.67      |
| AV   | 5.1976G      | 111.77            | Inf               | -Inf           | 106.33        | 3           | Vertical  | 81             | 1.57          | -       | 31.51      | 5.60       | 31.67      |

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

13/07/2020

### 5200MHz\_TX



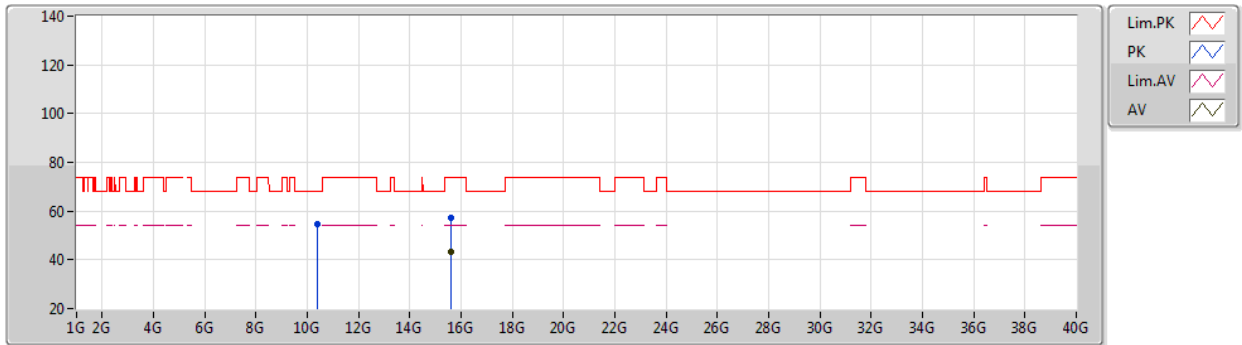
EUT\_Z\_4TX  
Setting 74  
01-D-G-2

| 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   | 10.40318G    | 54.18             | 68.20             | -14.02         | 42.37         | 3           | Vertical  | 360            | 1.00          | -       | 38.22      | 8.92       | 35.33      |
| PK   | 15.60032G    | 58.09             | 74.00             | -15.91         | 44.44         | 3           | Vertical  | 182            | 2.20          | -       | 38.72      | 9.78       | 34.85      |
| AV   | 15.60366G    | 43.49             | 54.00             | -10.51         | 29.84         | 3           | Vertical  | 182            | 2.20          | -       | 38.72      | 9.78       | 34.85      |

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

13/07/2020

### 5200MHz\_TX



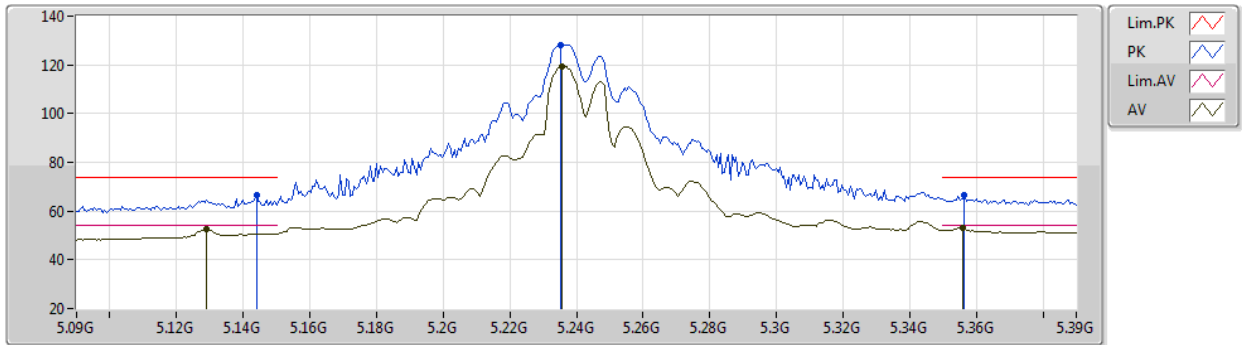
EUT\_Z\_4TX  
Setting 74  
01-D-G-2

| 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   | 10.39536G    | 54.48             | 68.20             | -13.72         | 42.68         | 3           | Horizontal | 83             | 1.80          | -       | 38.22      | 8.92       | 35.34      |
| PK   | 15.59652G    | 57.39             | 74.00             | -16.61         | 43.73         | 3           | Horizontal | 267            | 1.36          | -       | 38.72      | 9.78       | 34.84      |
| AV   | 15.60092G    | 43.43             | 54.00             | -10.57         | 29.78         | 3           | Horizontal | 267            | 1.36          | -       | 38.72      | 9.78       | 34.85      |

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

13/07/2020

### 5240MHz\_TX



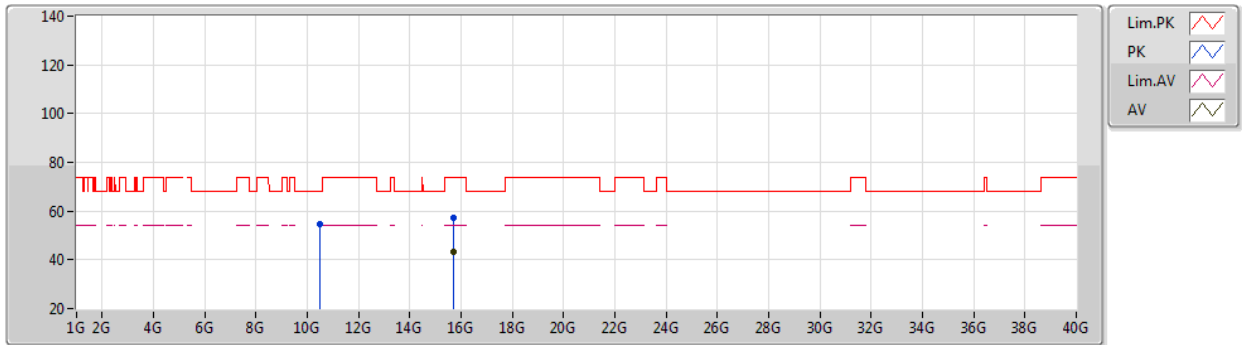
EUT\_Z\_4TX  
Setting 104  
06-F-S-5-10

| 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   | 5.144G       | 66.47             | 74.00             | -7.53          | 60.72         | 3           | Vertical  | 78             | 1.59          | -       | 31.78      | 5.60       | 31.63      |
| AV   | 5.129G       | 52.44             | 54.00             | -1.56          | 46.60         | 3           | Vertical  | 78             | 1.59          | -       | 31.86      | 5.60       | 31.62      |
| PK   | 5.2352G      | 128.21            | Inf               | -Inf           | 122.90        | 3           | Vertical  | 78             | 1.59          | -       | 31.36      | 5.64       | 31.69      |
| AV   | 5.2358G      | 119.19            | Inf               | -Inf           | 113.89        | 3           | Vertical  | 78             | 1.59          | -       | 31.36      | 5.64       | 31.70      |
| PK   | 5.3564G      | 66.47             | 74.00             | -7.53          | 61.11         | 3           | Vertical  | 78             | 1.59          | -       | 31.38      | 5.76       | 31.78      |
| AV   | 5.3558G      | 53.03             | 54.00             | -0.97          | 47.67         | 3           | Vertical  | 78             | 1.59          | -       | 31.38      | 5.76       | 31.78      |

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

13/07/2020

### 5240MHz\_TX



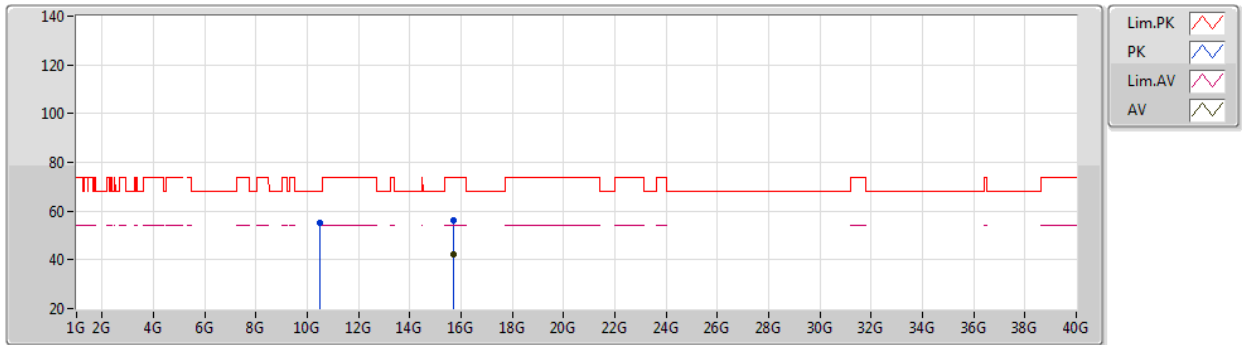
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.48216G    | 54.50             | 68.20             | -13.70         | 42.58         | 3           | Vertical  | 93             | 1.81          | -       | 38.24      | 8.95       | 35.27      |
| PK   | 15.7176G     | 57.34             | 74.00             | -16.66         | 43.94         | 3           | Vertical  | 56             | 1.80          | -       | 38.63      | 9.75       | 34.98      |
| AV   | 15.71756G    | 43.30             | 54.00             | -10.70         | 29.90         | 3           | Vertical  | 56             | 1.80          | -       | 38.63      | 9.75       | 34.98      |

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

13/07/2020

### 5240MHz\_TX



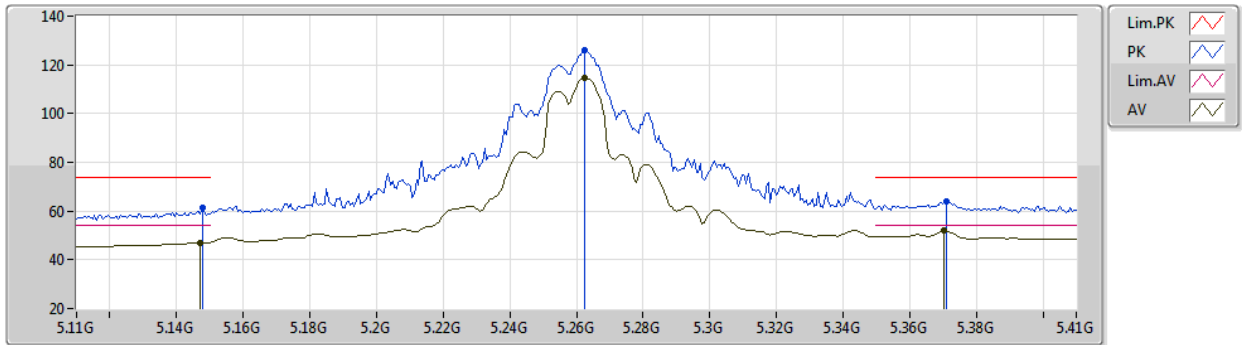
EUT Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.47558G    | 55.05             | 68.20             | -13.15         | 43.13         | 3           | Horizontal | 196            | 1.81          | -       | 38.24      | 8.95       | 35.27      |
| PK   | 15.71756G    | 56.29             | 74.00             | -17.71         | 42.89         | 3           | Horizontal | 22             | 1.80          | -       | 38.63      | 9.75       | 34.98      |
| AV   | 15.72016G    | 42.22             | 54.00             | -11.78         | 28.83         | 3           | Horizontal | 22             | 1.80          | -       | 38.62      | 9.75       | 34.98      |

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

08/07/2020

### 5260MHz\_TX



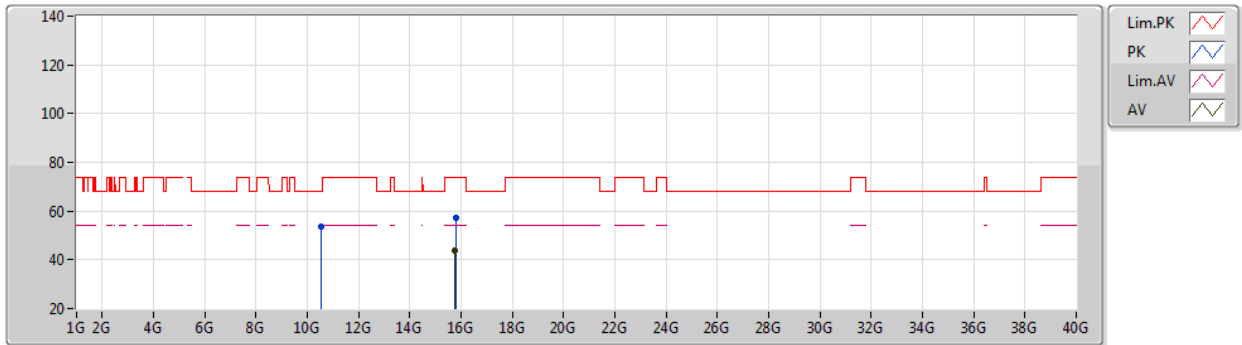
EUT Z\_4TX  
Setting 104  
04-E-P-2

| 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   | 5.1478G      | 61.15             | 74.00             | -12.85         | 56.37         | 3           | Vertical  | 90             | 1.59          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.1472G      | 47.02             | 54.00             | -6.98          | 42.24         | 3           | Vertical  | 90             | 1.59          | -       | 33.05      | 5.10       | 33.37      |
| PK   | 5.2624G      | 125.90            | Inf               | -Inf           | 120.96        | 3           | Vertical  | 90             | 1.59          | -       | 33.16      | 5.16       | 33.38      |
| AV   | 5.2624G      | 114.68            | Inf               | -Inf           | 109.74        | 3           | Vertical  | 90             | 1.59          | -       | 33.16      | 5.16       | 33.38      |
| PK   | 5.371G       | 63.80             | 74.00             | -10.20         | 58.56         | 3           | Vertical  | 90             | 1.59          | -       | 33.41      | 5.22       | 33.39      |
| AV   | 5.3704G      | 51.94             | 54.00             | -2.06          | 46.70         | 3           | Vertical  | 90             | 1.59          | -       | 33.41      | 5.22       | 33.39      |

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

08/07/2020

### 5260MHz\_TX



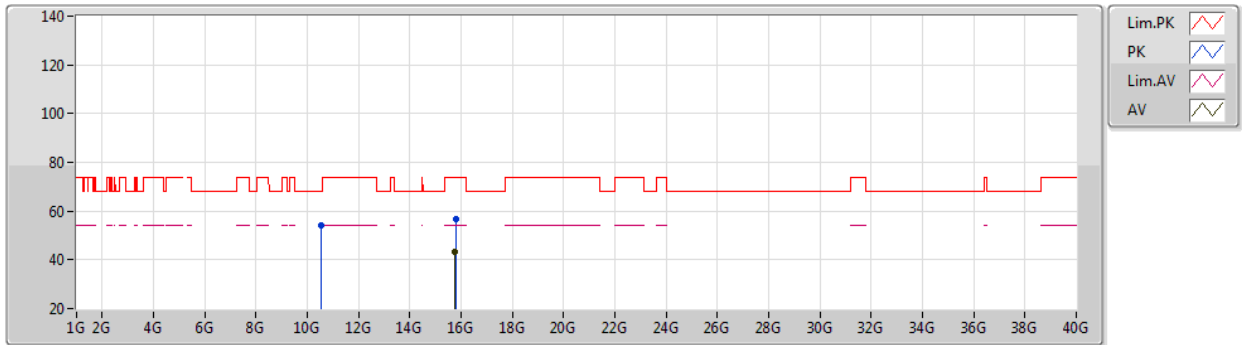
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.51696G    | 53.87             | 68.20             | -14.33         | 41.89         | 3           | Vertical  | 139            | 1.90          | -       | 38.26      | 8.96       | 35.24      |
| PK   | 15.78174G    | 57.43             | 74.00             | -16.57         | 44.17         | 3           | Vertical  | 105            | 2.57          | -       | 38.57      | 9.74       | 35.05      |
| AV   | 15.77618G    | 43.63             | 54.00             | -10.37         | 30.35         | 3           | Vertical  | 105            | 2.57          | -       | 38.58      | 9.74       | 35.04      |

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

08/07/2020

### 5260MHz\_TX



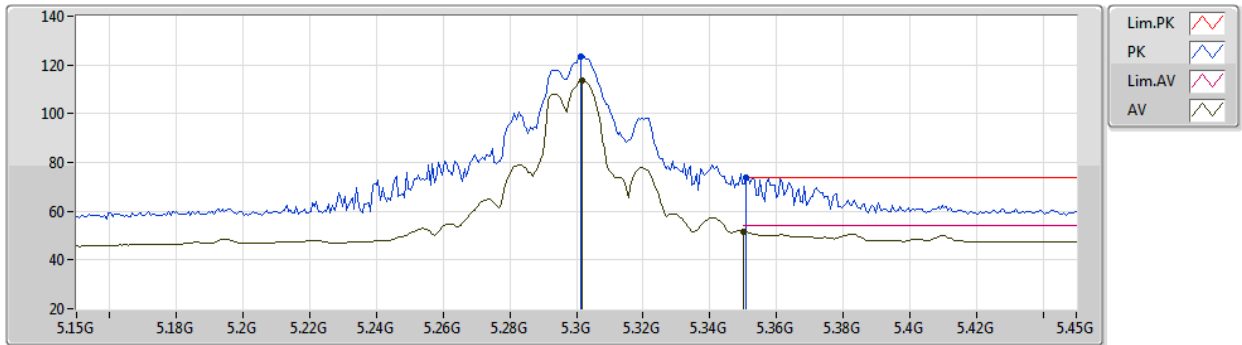
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.52016G    | 54.15             | 68.20             | -14.05         | 42.17         | 3           | Horizontal | 218            | 2.66          | -       | 38.26      | 8.96       | 35.24      |
| PK   | 15.78014G    | 56.77             | 74.00             | -17.23         | 43.50         | 3           | Horizontal | 313            | 1.80          | -       | 38.58      | 9.74       | 35.05      |
| AV   | 15.77616G    | 43.16             | 54.00             | -10.84         | 29.88         | 3           | Horizontal | 313            | 1.80          | -       | 38.58      | 9.74       | 35.04      |

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

08/07/2020

### 5300MHz\_TX



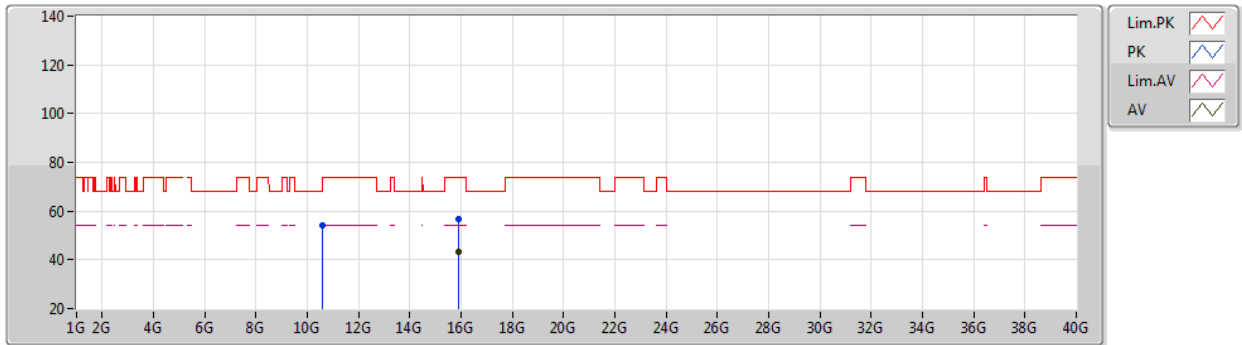
EUT\_Z\_4TX  
Setting 99  
04-E-P-2

| 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      | 123.66            | Inf               | -Inf           | 118.66        | 3           | Vertical  | 89             | 1.36          | -       | 33.20      | 5.18       | 33.38      |
| AV   | 5.3018G      | 113.51            | Inf               | -Inf           | 108.50        | 3           | Vertical  | 89             | 1.36          | -       | 33.21      | 5.18       | 33.38      |
| PK   | 5.351G       | 73.87             | 74.00             | -0.13          | 68.70         | 3           | Vertical  | 89             | 1.36          | -       | 33.35      | 5.21       | 33.39      |
| AV   | 5.35G        | 51.77             | 54.00             | -2.23          | 46.60         | 3           | Vertical  | 89             | 1.36          | -       | 33.35      | 5.21       | 33.39      |

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

08/07/2020

### 5300MHz\_TX



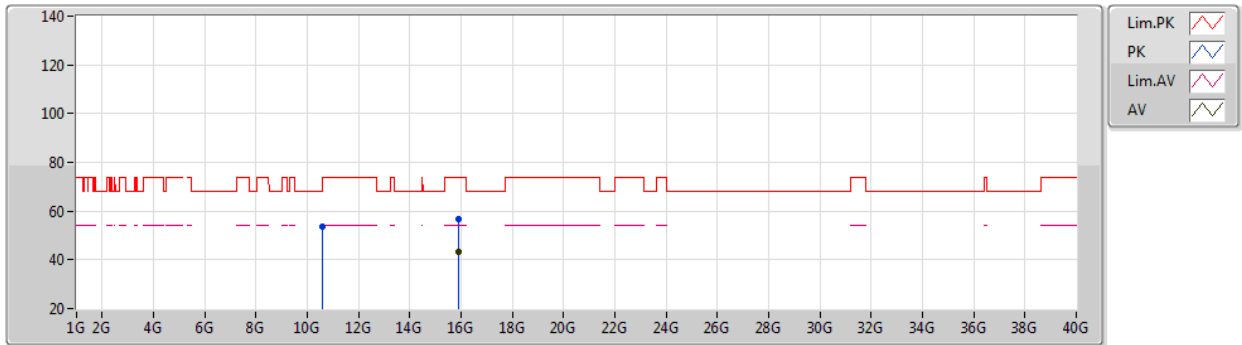
EUT\_Z\_4TX  
Setting 99  
01-D-G-2

| 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   | 10.60022G    | 54.16             | 74.00             | -19.84         | 42.06         | 3           | Vertical  | 287            | 2.15          | -       | 38.28      | 8.99       | 35.17      |
| PK   | 15.9045G     | 56.79             | 74.00             | -17.21         | 43.77         | 3           | Vertical  | 309            | 1.28          | -       | 38.48      | 9.72       | 35.18      |
| AV   | 15.89618G    | 43.23             | 54.00             | -10.77         | 30.20         | 3           | Vertical  | 309            | 1.28          | -       | 38.48      | 9.72       | 35.17      |

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

08/07/2020

### 5300MHz\_TX



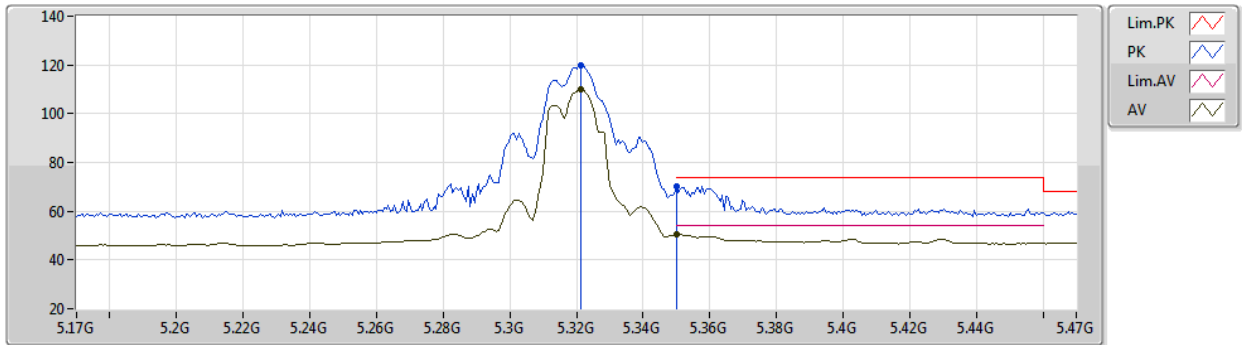
EUT\_Z\_4TX  
Setting 99  
01-D-G-2

| 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   | 10.60036G    | 53.37             | 74.00             | -20.63         | 41.27         | 3           | Horizontal | 130            | 1.38          | -       | 38.28      | 8.99       | 35.17      |
| PK   | 15.89614G    | 56.75             | 74.00             | -17.25         | 43.72         | 3           | Horizontal | 308            | 2.12          | -       | 38.48      | 9.72       | 35.17      |
| AV   | 15.8961G     | 43.06             | 54.00             | -10.94         | 30.03         | 3           | Horizontal | 308            | 2.12          | -       | 38.48      | 9.72       | 35.17      |

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

08/07/2020

### 5320MHz\_TX



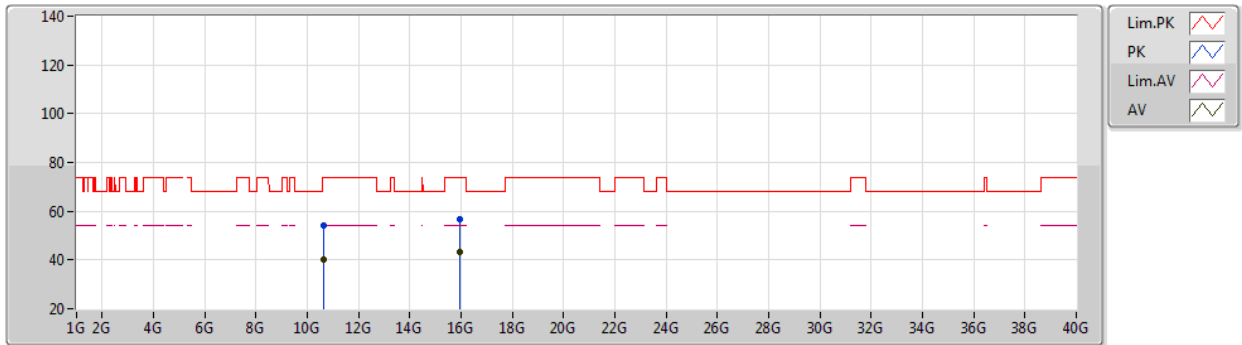
EUT Z\_4TX  
Setting 84  
04-E-P-2

| 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   | 5.3212G      | 120.01            | Inf               | -Inf           | 114.94        | 3           | Vertical  | 88             | 1.56          | -       | 33.26      | 5.19       | 33.38      |
| AV   | 5.3212G      | 110.17            | Inf               | -Inf           | 105.10        | 3           | Vertical  | 88             | 1.56          | -       | 33.26      | 5.19       | 33.38      |
| PK   | 5.35G        | 70.39             | 74.00             | -3.61          | 65.22         | 3           | Vertical  | 88             | 1.56          | -       | 33.35      | 5.21       | 33.39      |
| AV   | 5.35G        | 50.38             | 54.00             | -3.62          | 45.21         | 3           | Vertical  | 88             | 1.56          | -       | 33.35      | 5.21       | 33.39      |

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

08/07/2020

### 5320MHz\_TX



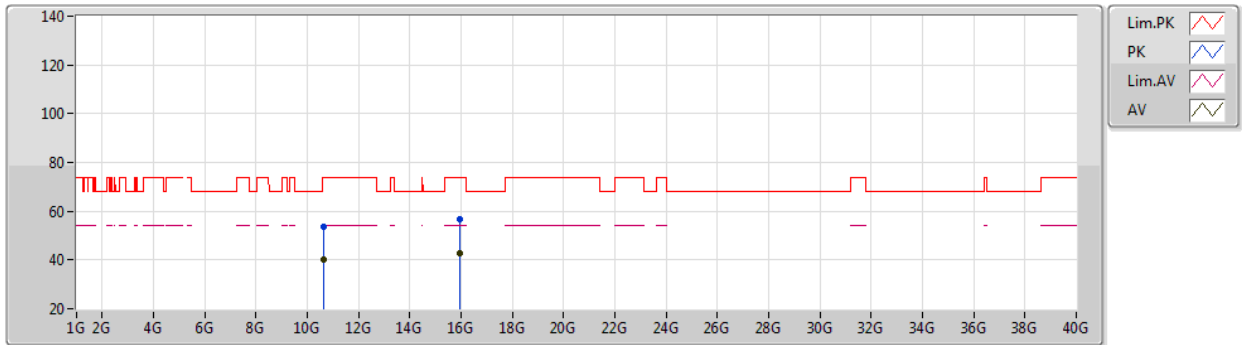
EUT\_Z\_4TX  
Setting 84  
01-D-G-2

| 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   | 10.6371G     | 54.04             | 74.00             | -19.96         | 41.89         | 3           | Vertical  | 127            | 1.36          | -       | 38.29      | 9.00       | 35.14      |
| AV   | 10.63686G    | 40.03             | 54.00             | -13.97         | 27.88         | 3           | Vertical  | 127            | 1.36          | -       | 38.29      | 9.00       | 35.14      |
| PK   | 15.95666G    | 56.97             | 74.00             | -17.03         | 44.07         | 3           | Vertical  | 103            | 2.61          | -       | 38.43      | 9.71       | 35.24      |
| AV   | 15.9592G     | 43.52             | 54.00             | -10.48         | 30.62         | 3           | Vertical  | 103            | 2.61          | -       | 38.43      | 9.71       | 35.24      |

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

08/07/2020

### 5320MHz\_TX



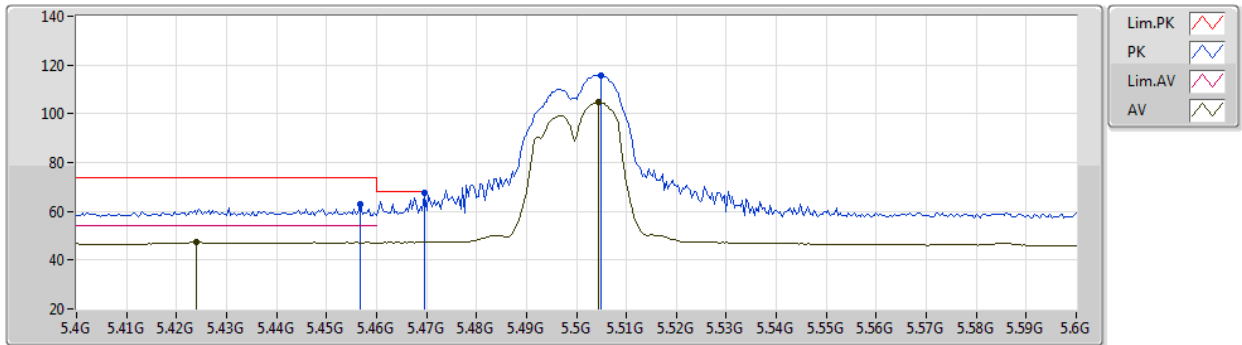
EUT\_Z\_4TX  
Setting 84  
01-D-G-2

| 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   | 10.64438G    | 53.71             | 74.00             | -20.29         | 41.56         | 3           | Horizontal | 19             | 1.71          | -       | 38.29      | 9.00       | 35.14      |
| AV   | 10.6384G     | 40.11             | 54.00             | -13.89         | 27.96         | 3           | Horizontal | 19             | 1.71          | -       | 38.29      | 9.00       | 35.14      |
| PK   | 15.96424G    | 56.48             | 74.00             | -17.52         | 43.59         | 3           | Horizontal | 121            | 2.61          | -       | 38.43      | 9.71       | 35.25      |
| AV   | 15.9564G     | 42.99             | 54.00             | -11.01         | 30.09         | 3           | Horizontal | 121            | 2.61          | -       | 38.43      | 9.71       | 35.24      |

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

08/07/2020

### 5500MHz\_TX



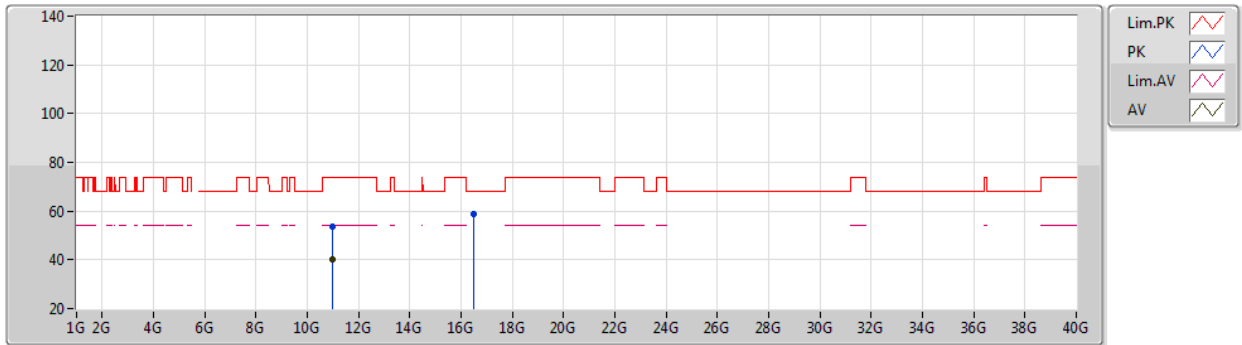
EUT\_Z\_4TX  
Setting 48  
06-F-S-5

| 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   | 5.4568G      | 62.79             | 74.00             | -11.21         | 57.12         | 3           | Vertical  | 91             | 1.50          | -       | 31.71      | 5.80       | 31.84      |
| AV   | 5.424G       | 47.30             | 54.00             | -6.70          | 41.67         | 3           | Vertical  | 91             | 1.50          | -       | 31.65      | 5.80       | 31.82      |
| PK   | 5.4696G      | 67.49             | 68.20             | -0.71          | 61.80         | 3           | Vertical  | 91             | 1.50          | -       | 31.74      | 5.80       | 31.85      |
| PK   | 5.5048G      | 115.89            | Inf               | -Inf           | 110.17        | 3           | Vertical  | 91             | 1.50          | -       | 31.79      | 5.80       | 31.87      |
| AV   | 5.5044G      | 104.73            | Inf               | -Inf           | 99.01         | 3           | Vertical  | 91             | 1.50          | -       | 31.79      | 5.80       | 31.87      |

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

08/07/2020

### 5500MHz\_TX



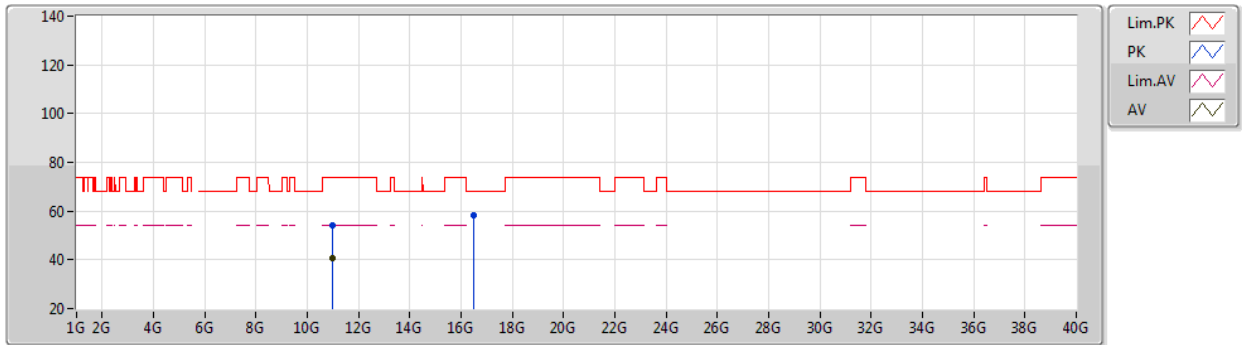
EUT\_Z\_4TX  
Setting 48  
01-D-G-2

| 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   | 11.00118G    | 53.82             | 74.00             | -20.18         | 41.16         | 3           | Vertical  | 180            | 2.55          | -       | 38.40      | 9.11       | 34.85      |
| AV   | 10.99576G    | 40.26             | 54.00             | -13.74         | 27.60         | 3           | Vertical  | 180            | 2.55          | -       | 38.40      | 9.11       | 34.85      |
| PK   | 16.49934G    | 58.64             | 68.20             | -9.56          | 43.40         | 3           | Vertical  | 356            | 1.15          | -       | 39.80      | 9.93       | 34.49      |

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

08/07/2020

### 5500MHz\_TX



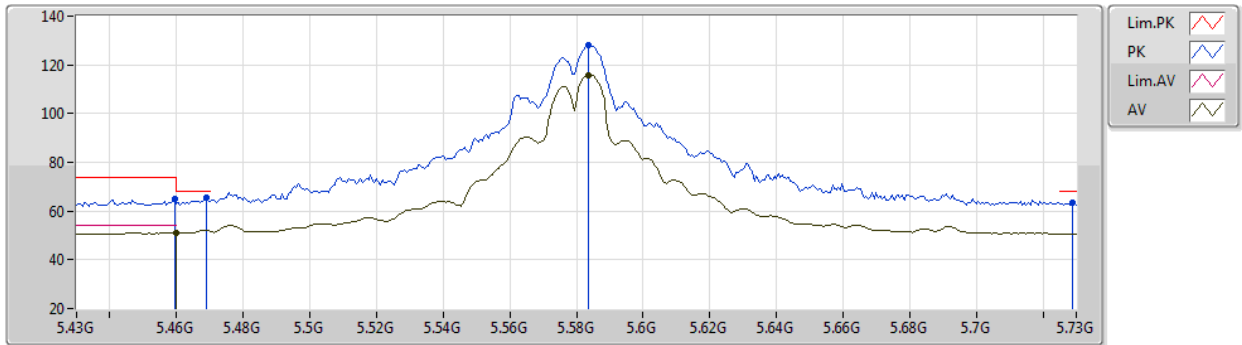
EUT Z\_4TX  
Setting 48  
01-D-G-2

| 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   | 10.99802G    | 54.35             | 74.00             | -19.65         | 41.69         | 3           | Horizontal | 268            | 2.51          | -       | 38.40      | 9.11       | 34.85      |
| AV   | 10.9987G     | 40.49             | 54.00             | -13.51         | 27.83         | 3           | Horizontal | 268            | 2.51          | -       | 38.40      | 9.11       | 34.85      |
| PK   | 16.49872G    | 58.23             | 68.20             | -9.97          | 42.99         | 3           | Horizontal | 113            | 1.29          | -       | 39.80      | 9.93       | 34.49      |

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

08/07/2020

## 5580MHz\_TX



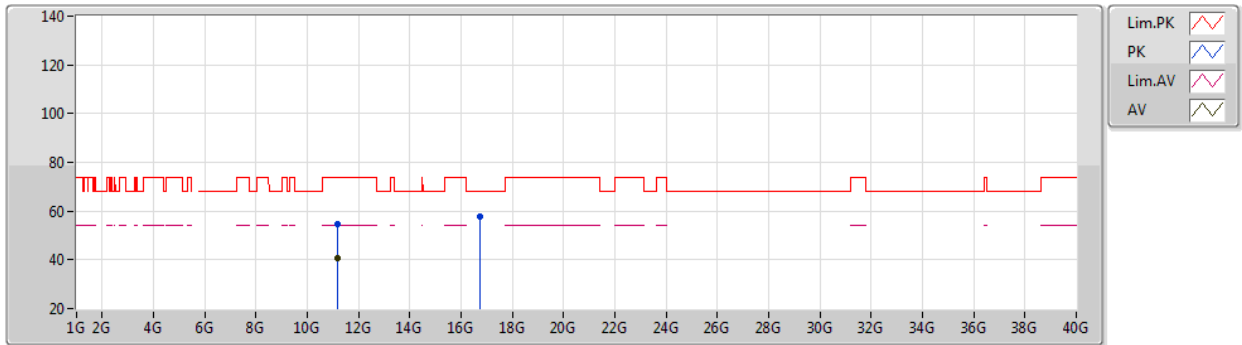
EUT\_Z\_4TX  
Setting 104  
06-F-S-5

| 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   | 5.4594G      | 64.90             | 74.00             | -9.10          | 59.23         | 3           | Vertical  | 89             | 1.42          | -       | 31.72      | 5.80       | 31.85      |
| AV   | 5.46G        | 51.02             | 54.00             | -2.98          | 45.35         | 3           | Vertical  | 89             | 1.42          | -       | 31.72      | 5.80       | 31.85      |
| PK   | 5.469G       | 65.39             | 68.20             | -2.81          | 59.70         | 3           | Vertical  | 89             | 1.42          | -       | 31.74      | 5.80       | 31.85      |
| PK   | 5.5836G      | 128.09            | Inf               | -Inf           | 122.49        | 3           | Vertical  | 89             | 1.42          | -       | 31.63      | 5.80       | 31.83      |
| AV   | 5.5836G      | 115.90            | Inf               | -Inf           | 110.30        | 3           | Vertical  | 89             | 1.42          | -       | 31.63      | 5.80       | 31.83      |
| PK   | 5.7288G      | 63.40             | 68.20             | -4.80          | 57.42         | 3           | Vertical  | 89             | 1.42          | -       | 31.82      | 5.92       | 31.76      |

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

08/07/2020

### 5580MHz\_TX



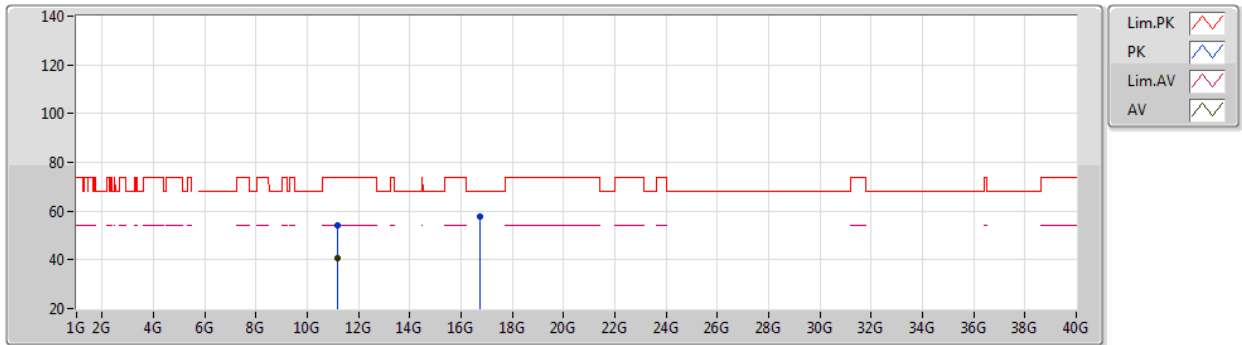
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.15574G    | 54.47             | 74.00             | -19.53         | 42.09         | 3           | Vertical  | 114            | 1.03          | -       | 39.32      | 7.96       | 34.90      |
| AV   | 11.16384G    | 40.46             | 54.00             | -13.54         | 28.07         | 3           | Vertical  | 114            | 1.03          | -       | 39.32      | 7.97       | 34.90      |
| PK   | 16.73556G    | 57.79             | 68.20             | -10.41         | 43.09         | 3           | Vertical  | 44             | 2.27          | -       | 40.22      | 9.98       | 35.50      |

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

08/07/2020

### 5580MHz\_TX



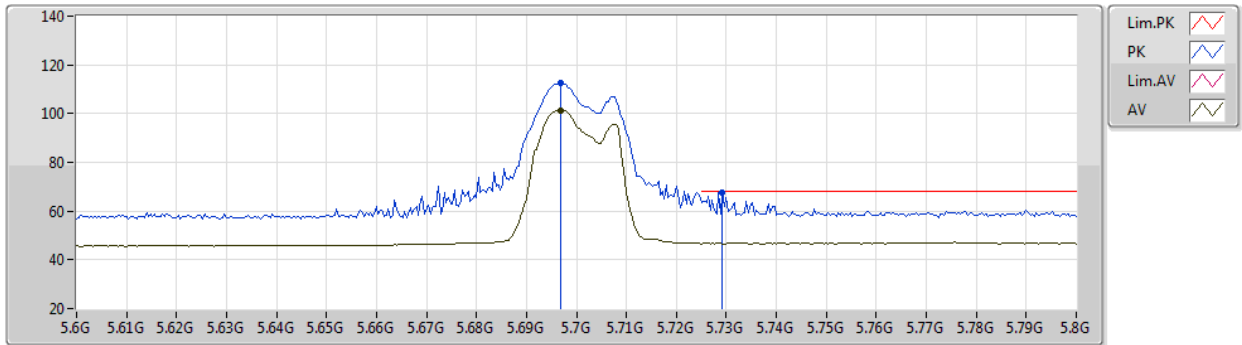
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.15822G    | 54.24             | 74.00             | -19.76         | 41.86         | 3           | Horizontal | 192            | 2.04          | -       | 39.32      | 7.96       | 34.90      |
| AV   | 11.1637G     | 40.51             | 54.00             | -13.49         | 28.12         | 3           | Horizontal | 192            | 2.04          | -       | 39.32      | 7.97       | 34.90      |
| PK   | 16.73504G    | 57.88             | 68.20             | -10.32         | 43.18         | 3           | Horizontal | 310            | 1.89          | -       | 40.22      | 9.98       | 35.50      |

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

08/07/2020

### 5700MHz\_TX



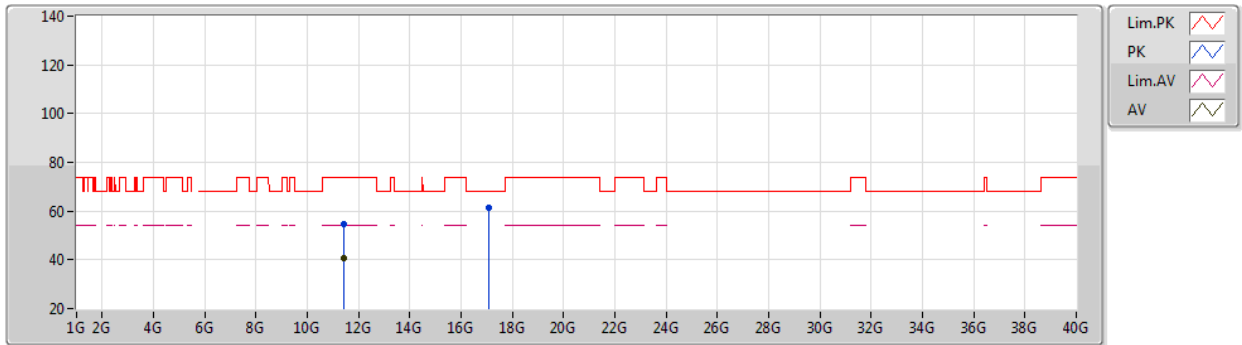
EUT\_Z\_4TX  
Setting 44  
06-F-S-5

| 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   | 5.6968G      | 112.55            | Inf               | -Inf           | 106.73        | 3           | Vertical  | 108            | 1.51          | -       | 31.70      | 5.89       | 31.77      |
| AV   | 5.6968G      | 101.43            | Inf               | -Inf           | 95.61         | 3           | Vertical  | 108            | 1.51          | -       | 31.70      | 5.89       | 31.77      |
| PK   | 5.7292G      | 67.57             | 68.20             | -0.63          | 61.59         | 3           | Vertical  | 108            | 1.51          | -       | 31.82      | 5.92       | 31.76      |

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

08/07/2020

### 5700MHz\_TX



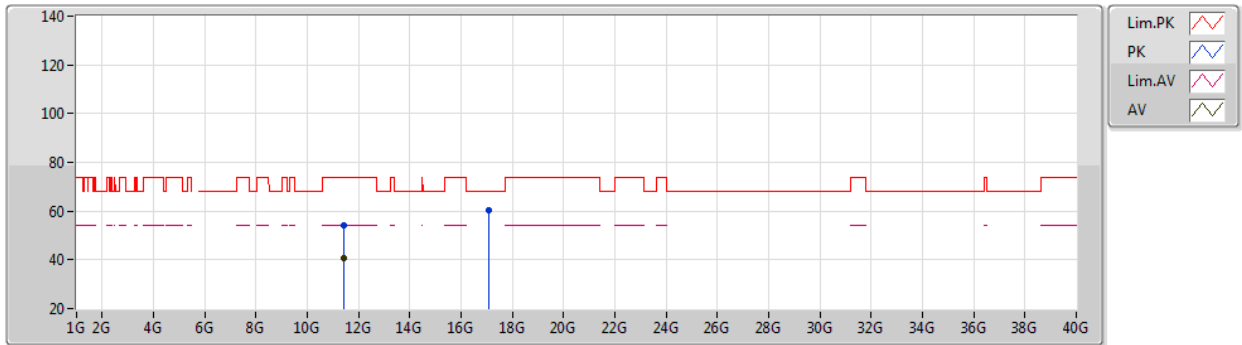
EUT\_Z\_4TX  
Setting 44  
01-D-G-2

| 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   | 11.40448G    | 54.45             | 74.00             | -19.55         | 41.69         | 3           | Vertical  | 84             | 1.24          | -       | 38.44      | 9.23       | 34.91      |
| AV   | 11.40326G    | 40.75             | 54.00             | -13.25         | 27.99         | 3           | Vertical  | 84             | 1.24          | -       | 38.44      | 9.23       | 34.91      |
| PK   | 17.09846G    | 61.14             | 68.20             | -7.06          | 43.30         | 3           | Vertical  | 265            | 2.98          | -       | 41.35      | 10.20      | 33.71      |

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

08/07/2020

### 5700MHz\_TX



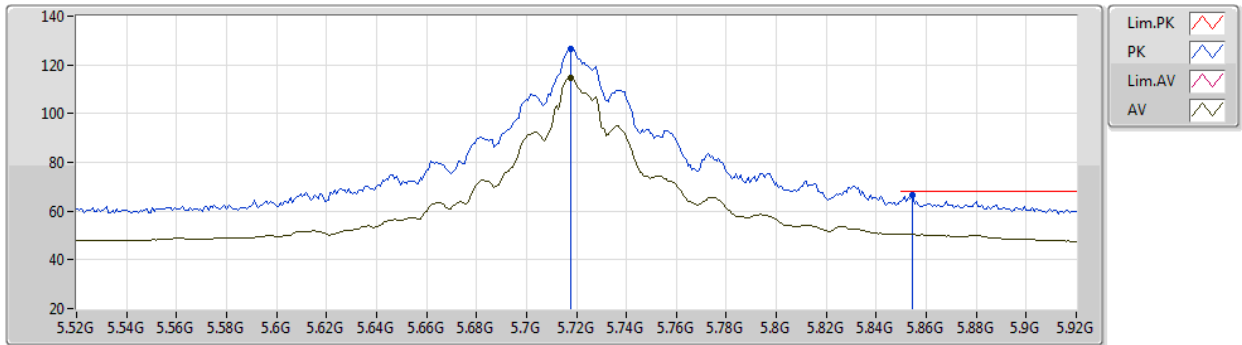
EUT Z\_4TX  
Setting 44  
01-D-G-2

| 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   | 11.40422G    | 54.15             | 74.00             | -19.85         | 41.39         | 3           | Horizontal | 168            | 1.78          | -       | 38.44      | 9.23       | 34.91      |
| AV   | 11.40272G    | 40.69             | 54.00             | -13.31         | 27.93         | 3           | Horizontal | 168            | 1.78          | -       | 38.44      | 9.23       | 34.91      |
| PK   | 17.10438G    | 60.24             | 68.20             | -7.96          | 42.38         | 3           | Horizontal | 133            | 2.71          | -       | 41.36      | 10.21      | 33.71      |

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

08/07/2020

## 5720MHz Straddle 5.47-5.725GHz\_TX



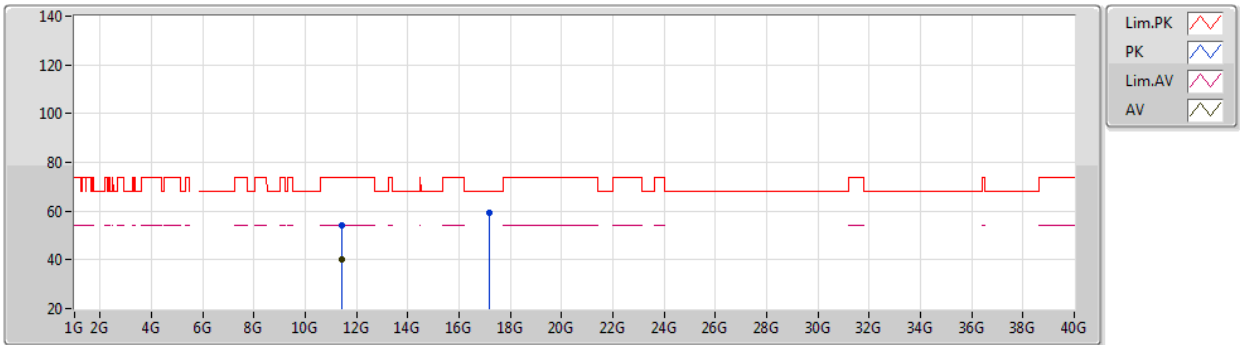
EUT Z\_4TX  
Setting 104  
06-F-S-5

| 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   | 5.7176G      | 126.76            | Inf               | -Inf           | 120.84        | 3           | Vertical  | 154            | 1.80          | -       | 31.77      | 5.91       | 31.76      |
| AV   | 5.7176G      | 114.67            | Inf               | -Inf           | 108.75        | 3           | Vertical  | 154            | 1.80          | -       | 31.77      | 5.91       | 31.76      |
| PK   | 5.8544G      | 66.53             | 68.20             | -1.67          | 60.00         | 3           | Vertical  | 154            | 1.80          | -       | 32.26      | 5.97       | 31.70      |

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

08/07/2020

## 5720MHz Straddle 5.47-5.725GHz\_TX



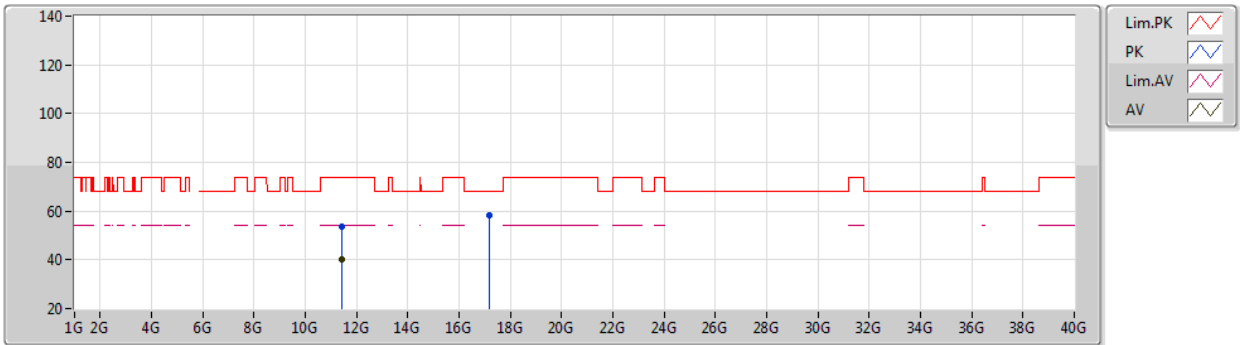
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.44006G    | 54.06             | 74.00             | -19.94         | 41.30         | 3           | Vertical  | 225            | 1.46          | -       | 38.44      | 9.24       | 34.92      |
| AV   | 11.43568G    | 40.06             | 54.00             | -13.94         | 27.30         | 3           | Vertical  | 225            | 1.46          | -       | 38.44      | 9.24       | 34.92      |
| PK   | 17.1567G     | 59.12             | 68.20             | -9.08          | 41.17         | 3           | Vertical  | 241            | 1.53          | -       | 41.44      | 10.23      | 33.72      |

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

08/07/2020

## 5720MHz Straddle 5.47-5.725GHz\_TX



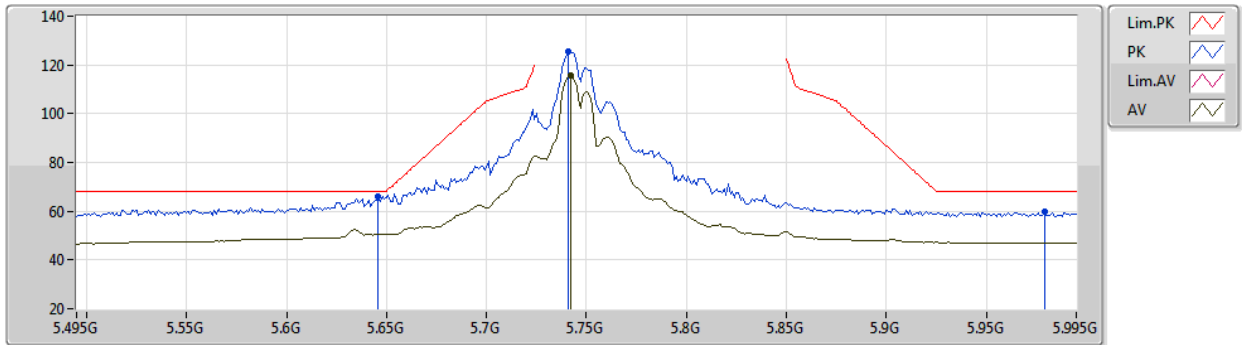
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.43698G    | 53.74             | 74.00             | -20.26         | 40.98         | 3           | Horizontal | 8              | 2.53          | -       | 38.44      | 9.24       | 34.92      |
| AV   | 11.44288G    | 40.07             | 54.00             | -13.93         | 27.31         | 3           | Horizontal | 8              | 2.53          | -       | 38.44      | 9.24       | 34.92      |
| PK   | 17.16268G    | 58.47             | 68.20             | -9.73          | 40.52         | 3           | Horizontal | 138            | 2.35          | -       | 41.44      | 10.23      | 33.72      |

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

13/07/2020

## 5745MHz\_TX



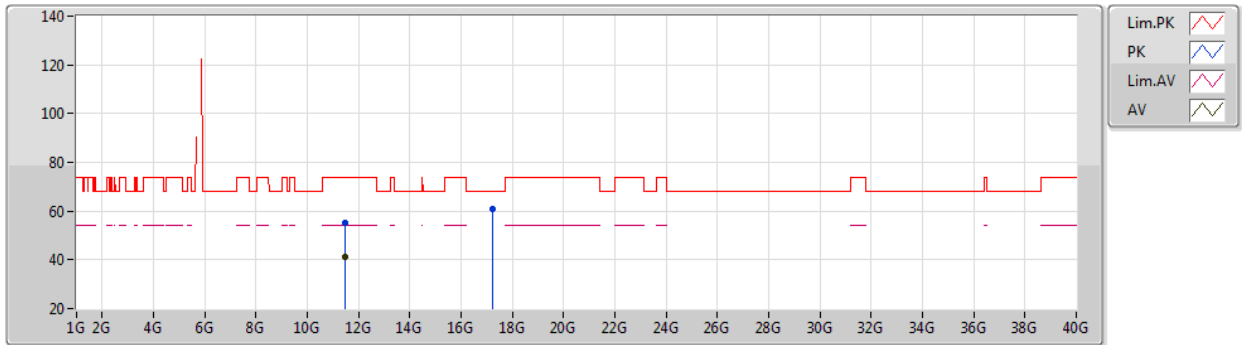
EUT\_Z\_4TX  
Setting 99  
04-E-P-2-10

| 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   | 5.646G       | 66.29             | 68.20             | -1.91          | 60.21         | 3           | Vertical  | 135            | 2.32          | -       | 34.05      | 5.40       | 33.37      |
| PK   | 5.741G       | 125.37            | Inf               | -Inf           | 119.07        | 3           | Vertical  | 135            | 2.32          | -       | 34.18      | 5.47       | 33.35      |
| AV   | 5.742G       | 115.48            | Inf               | -Inf           | 109.18        | 3           | Vertical  | 135            | 2.32          | -       | 34.18      | 5.47       | 33.35      |
| PK   | 5.979G       | 59.97             | 68.20             | -8.23          | 52.41         | 3           | Vertical  | 135            | 2.32          | -       | 35.22      | 5.65       | 33.31      |

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

13/07/2020

### 5745MHz\_TX



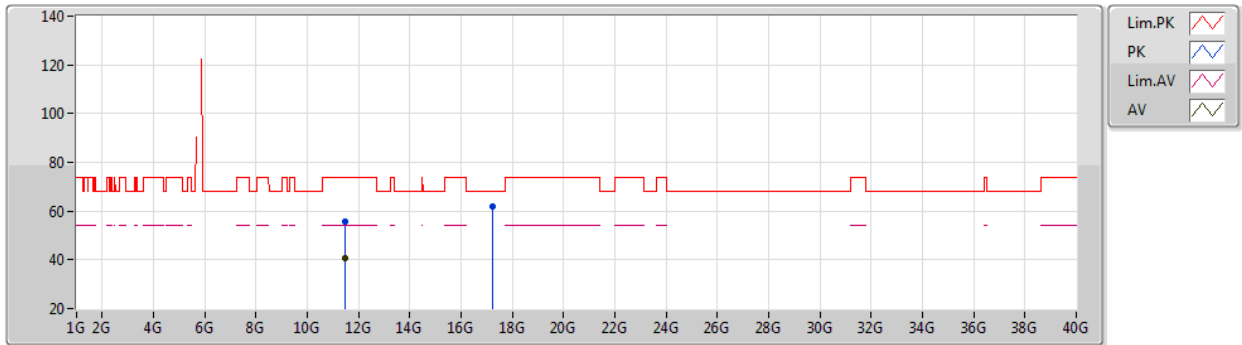
EUT\_Z\_4TX  
Setting 99  
01-D-G-2

| 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   | 11.49136G    | 54.92             | 74.00             | -19.08         | 42.15         | 3           | Vertical  | 176            | 1.79          | -       | 38.45      | 9.25       | 34.93      |
| AV   | 11.49406G    | 40.95             | 54.00             | -13.05         | 28.18         | 3           | Vertical  | 176            | 1.79          | -       | 38.45      | 9.25       | 34.93      |
| PK   | 17.23718G    | 60.94             | 68.20             | -7.26          | 42.85         | 3           | Vertical  | 54             | 1.80          | -       | 41.56      | 10.26      | 33.73      |

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

13/07/2020

### 5745MHz\_TX



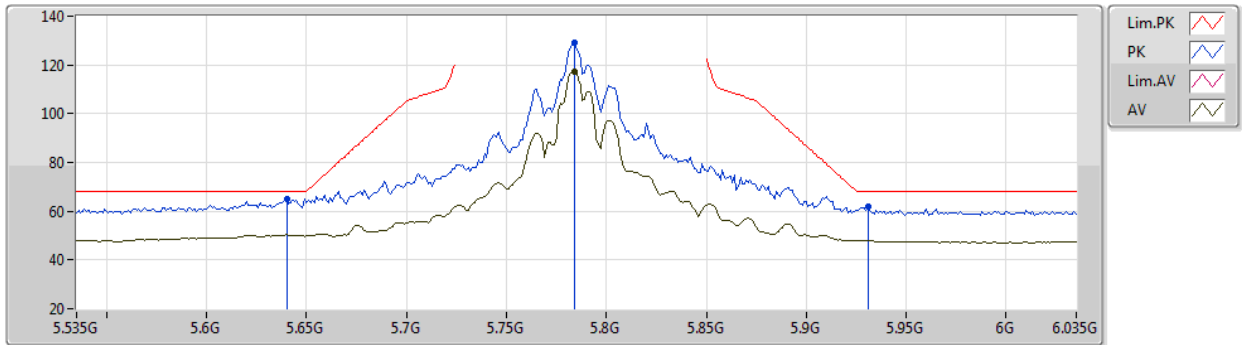
EUT Z\_4TX  
Setting 99  
01-D-G-2

| 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   | 11.48894G    | 55.94             | 74.00             | -18.06         | 43.17         | 3           | Horizontal | 157            | 1.80          | -       | 38.45      | 9.25       | 34.93      |
| AV   | 11.4882G     | 40.63             | 54.00             | -13.37         | 27.86         | 3           | Horizontal | 157            | 1.80          | -       | 38.45      | 9.25       | 34.93      |
| PK   | 17.23826G    | 62.01             | 68.20             | -6.19          | 43.92         | 3           | Horizontal | 45             | 1.82          | -       | 41.56      | 10.26      | 33.73      |

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

13/07/2020

## 5785MHz\_TX



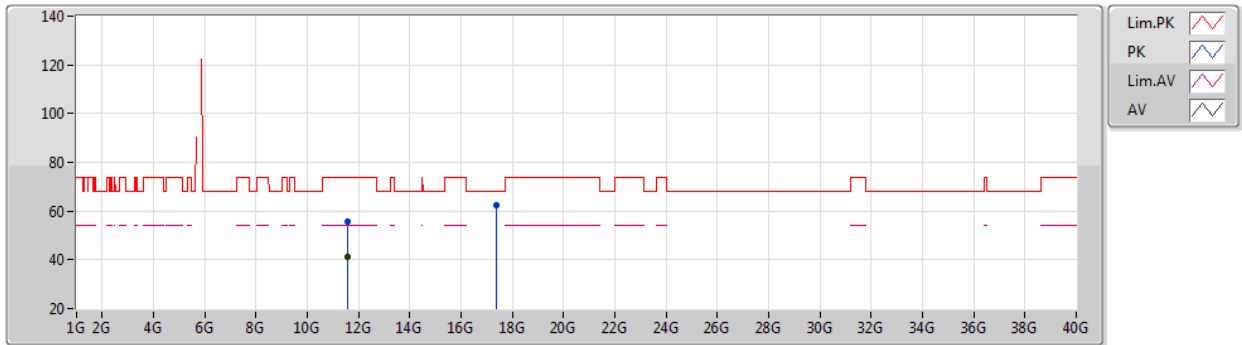
EUT\_Z\_4TX  
Setting 104  
04-E-P-2-10

| 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   | 5.64G        | 64.91             | 68.20             | -3.29          | 58.85         | 3           | Vertical  | 138            | 2.30          | -       | 34.04      | 5.39       | 33.37      |
| PK   | 5.784G       | 128.94            | Inf               | -Inf           | 122.51        | 3           | Vertical  | 138            | 2.30          | -       | 34.27      | 5.50       | 33.34      |
| AV   | 5.784G       | 117.41            | Inf               | -Inf           | 110.98        | 3           | Vertical  | 138            | 2.30          | -       | 34.27      | 5.50       | 33.34      |
| PK   | 5.931G       | 62.14             | 68.20             | -6.06          | 54.83         | 3           | Vertical  | 138            | 2.30          | -       | 35.02      | 5.61       | 33.32      |

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

13/07/2020

### 5785MHz\_TX



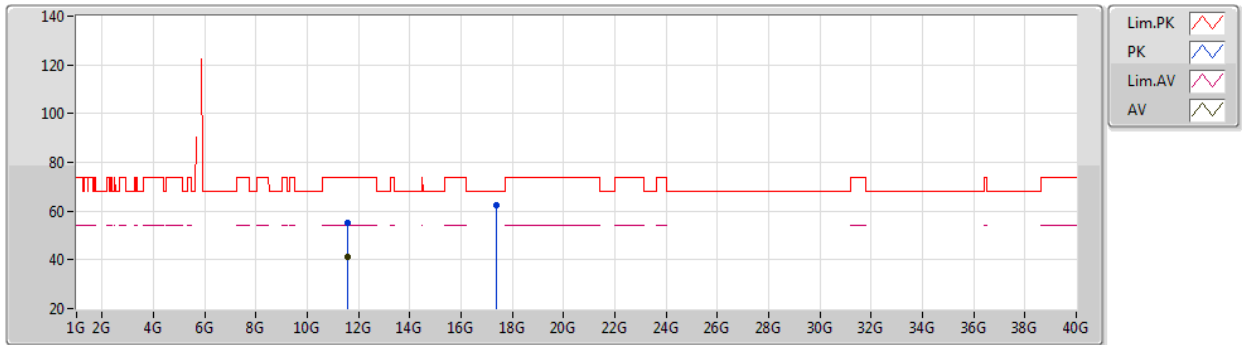
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.56748G    | 55.49             | 74.00             | -18.51         | 42.70         | 3           | Vertical  | 150            | 3.00          | -       | 38.46      | 9.27       | 34.94      |
| AV   | 11.56854G    | 41.00             | 54.00             | -13.00         | 28.21         | 3           | Vertical  | 150            | 3.00          | -       | 38.46      | 9.27       | 34.94      |
| PK   | 17.3599G     | 62.20             | 68.20             | -6.00          | 43.89         | 3           | Vertical  | 76             | 1.80          | -       | 41.74      | 10.32      | 33.75      |

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

13/07/2020

### 5785MHz\_TX



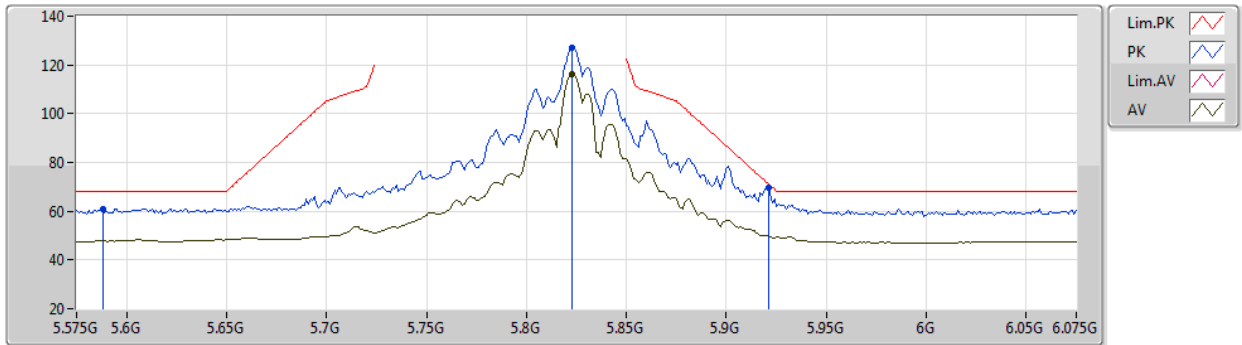
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.5663G     | 55.11             | 74.00             | -18.89         | 42.32         | 3           | Horizontal | 302            | 1.23          | -       | 38.46      | 9.27       | 34.94      |
| AV   | 11.56802G    | 41.01             | 54.00             | -12.99         | 28.22         | 3           | Horizontal | 302            | 1.23          | -       | 38.46      | 9.27       | 34.94      |
| PK   | 17.3577G     | 62.18             | 68.20             | -6.02          | 43.87         | 3           | Horizontal | 354            | 1.80          | -       | 41.74      | 10.32      | 33.75      |

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

13/07/2020

### 5825MHz\_TX



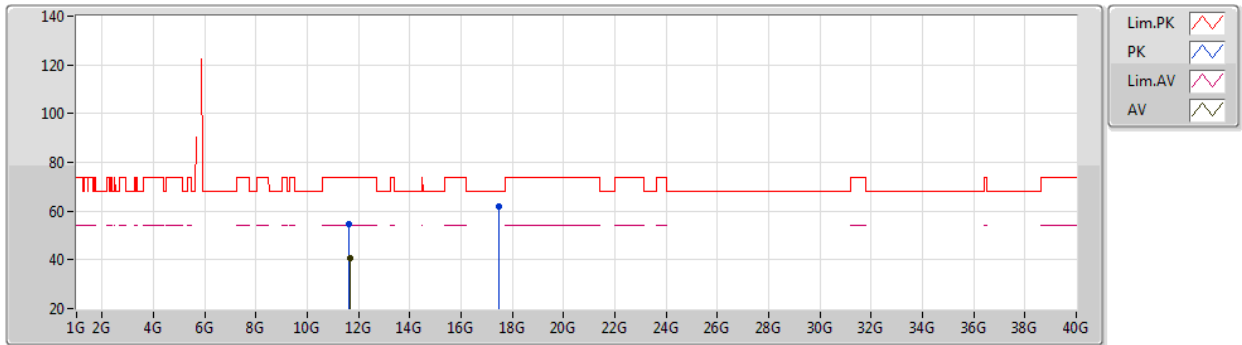
EUT\_Z\_4TX  
Setting 104  
04-E-P-2-10

| 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   | 5.588G       | 61.10             | 68.20             | -7.10          | 55.14         | 3           | Vertical  | 136            | 1.91          | -       | 33.98      | 5.35       | 33.37      |
| PK   | 5.823G       | 127.16            | Inf               | -Inf           | 120.53        | 3           | Vertical  | 136            | 1.91          | -       | 34.44      | 5.53       | 33.34      |
| AV   | 5.823G       | 116.19            | Inf               | -Inf           | 109.56        | 3           | Vertical  | 136            | 1.91          | -       | 34.44      | 5.53       | 33.34      |
| PK   | 5.921G       | 69.49             | 71.16             | -1.67          | 62.23         | 3           | Vertical  | 136            | 1.91          | -       | 34.98      | 5.60       | 33.32      |

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

13/07/2020

### 5825MHz\_TX



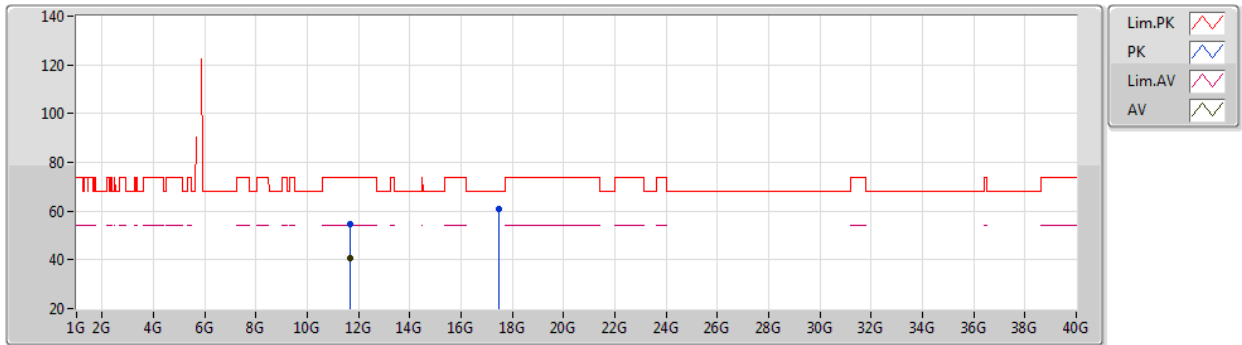
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.64548G    | 54.46             | 74.00             | -19.54         | 41.65         | 3           | Vertical  | 178            | 2.68          | -       | 38.46      | 9.30       | 34.95      |
| AV   | 11.65266G    | 40.87             | 54.00             | -13.13         | 28.05         | 3           | Vertical  | 178            | 2.68          | -       | 38.47      | 9.30       | 34.95      |
| PK   | 17.47316G    | 61.68             | 68.20             | -6.52          | 43.17         | 3           | Vertical  | 20             | 1.80          | -       | 41.91      | 10.37      | 33.77      |

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

13/07/2020

### 5825MHz\_TX



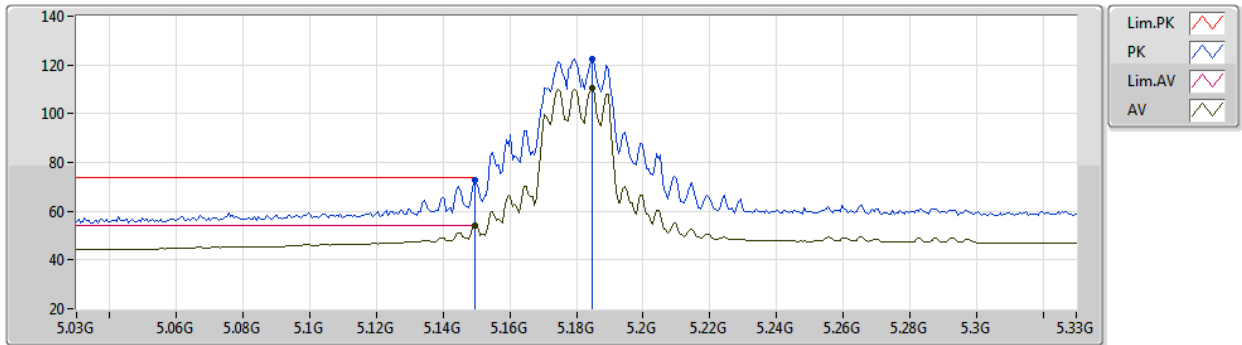
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.65006G    | 54.78             | 74.00             | -19.22         | 41.96         | 3           | Horizontal | 197            | 1.18          | -       | 38.47      | 9.30       | 34.95      |
| AV   | 11.65172G    | 40.85             | 54.00             | -13.15         | 28.03         | 3           | Horizontal | 197            | 1.18          | -       | 38.47      | 9.30       | 34.95      |
| PK   | 17.47466G    | 60.81             | 68.20             | -7.39          | 42.30         | 3           | Horizontal | 312            | 1.15          | -       | 41.91      | 10.37      | 33.77      |

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

13/07/2020

## 5180MHz\_TX



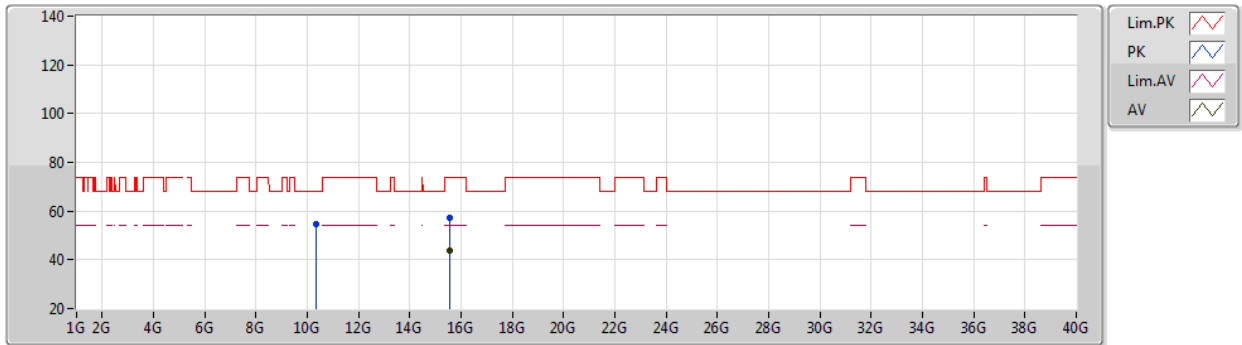
EUT\_Z\_4TX  
Setting 81  
04-E-P-2-10

| 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      | 72.76             | 74.00             | -1.24          | 67.98         | 3           | Vertical  | 83             | 1.79          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.1494G      | 53.93             | 54.00             | -0.07          | 49.15         | 3           | Vertical  | 83             | 1.79          | -       | 33.05      | 5.10       | 33.37      |
| PK   | 5.1848G      | 122.66            | Inf               | -Inf           | 117.84        | 3           | Vertical  | 83             | 1.79          | -       | 33.08      | 5.12       | 33.38      |
| AV   | 5.1848G      | 110.33            | Inf               | -Inf           | 105.51        | 3           | Vertical  | 83             | 1.79          | -       | 33.08      | 5.12       | 33.38      |

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

13/07/2020

## 5180MHz\_TX



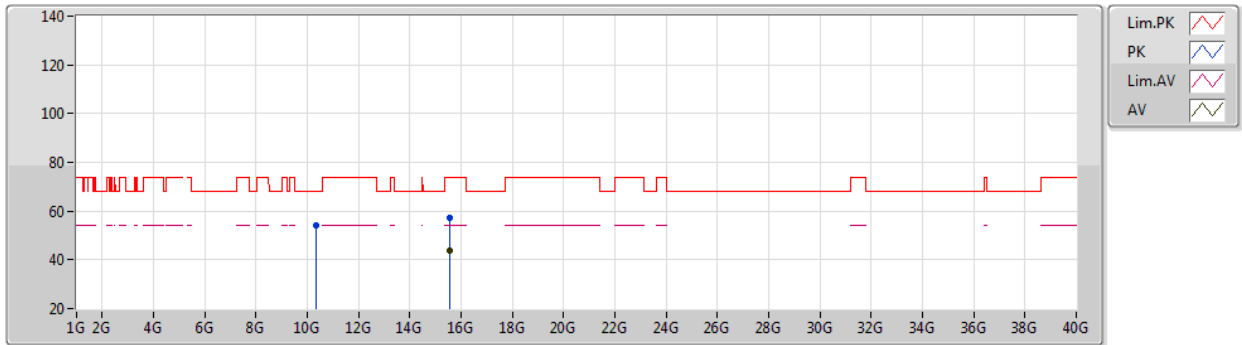
EUT\_Z\_4TX  
Setting 81  
01-D-G-2

| 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   | 10.36388G    | 54.51             | 68.20             | -13.69         | 42.76         | 3           | Vertical  | 22             | 2.74          | -       | 38.21      | 8.91       | 35.37      |
| PK   | 15.5432G     | 57.19             | 74.00             | -16.81         | 43.41         | 3           | Vertical  | 230            | 2.42          | -       | 38.77      | 9.79       | 34.78      |
| AV   | 15.53662G    | 43.76             | 54.00             | -10.24         | 29.98         | 3           | Vertical  | 230            | 2.42          | -       | 38.77      | 9.79       | 34.78      |

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

13/07/2020

### 5180MHz\_TX



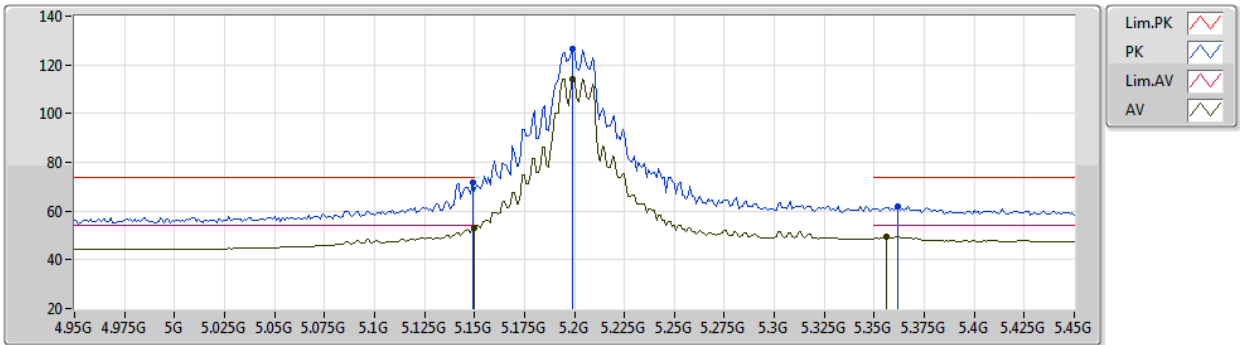
EUT\_Z\_4TX  
Setting 81  
01-D-G-2

| 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   | 10.35634G    | 54.26             | 68.20             | -13.94         | 42.51         | 3           | Horizontal | 335            | 2.47          | -       | 38.21      | 8.91       | 35.37      |
| PK   | 15.53564G    | 57.24             | 74.00             | -16.76         | 43.45         | 3           | Horizontal | 186            | 2.71          | -       | 38.77      | 9.79       | 34.77      |
| AV   | 15.53846G    | 43.64             | 54.00             | -10.36         | 29.86         | 3           | Horizontal | 186            | 2.71          | -       | 38.77      | 9.79       | 34.78      |

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

13/07/2020

## 5200MHz\_TX



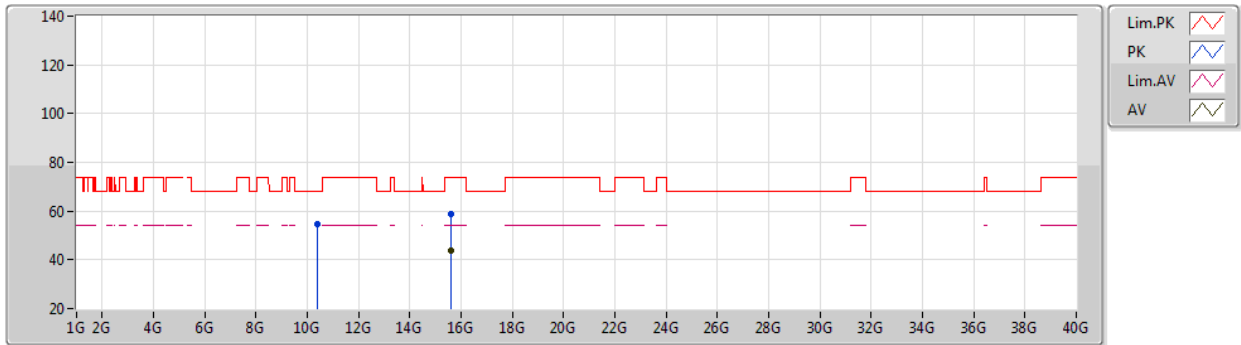
EUT\_Z\_4TX  
Setting 97  
04-E-P-2-10

| 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       | 71.79             | 74.00             | -2.21          | 67.01         | 3           | Vertical  | 82             | 1.71          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.15G        | 53.22             | 54.00             | -0.78          | 48.43         | 3           | Vertical  | 82             | 1.71          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.199G       | 126.38            | Inf               | -Inf           | 121.53        | 3           | Vertical  | 82             | 1.71          | -       | 33.10      | 5.13       | 33.38      |
| AV   | 5.199G       | 114.21            | Inf               | -Inf           | 109.36        | 3           | Vertical  | 82             | 1.71          | -       | 33.10      | 5.13       | 33.38      |
| PK   | 5.362G       | 62.00             | 74.00             | -12.00         | 56.79         | 3           | Vertical  | 82             | 1.71          | -       | 33.39      | 5.21       | 33.39      |
| AV   | 5.356G       | 49.73             | 54.00             | -4.27          | 44.54         | 3           | Vertical  | 82             | 1.71          | -       | 33.37      | 5.21       | 33.39      |

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

13/07/2020

### 5200MHz\_TX



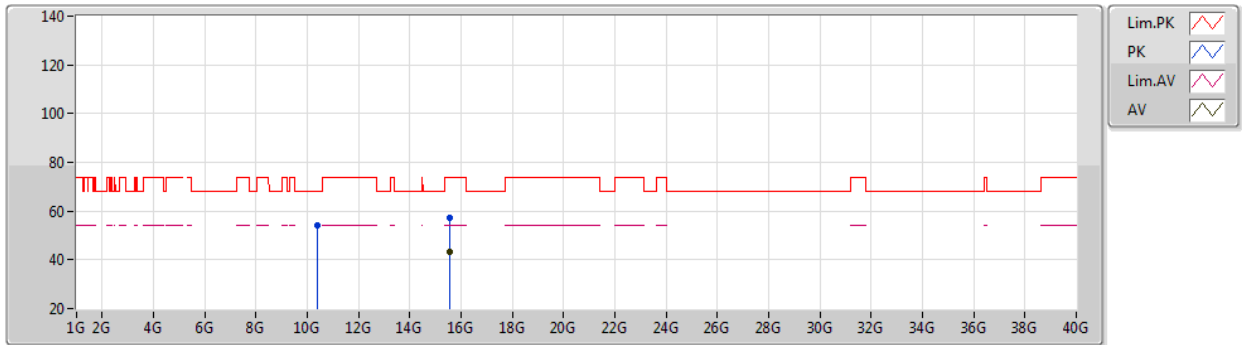
EUT\_Z\_4TX  
Setting 97  
01-D-G-2

| 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   | 10.40272G    | 54.74             | 68.20             | -13.46         | 42.93         | 3           | Vertical  | 9              | 1.73          | -       | 38.22      | 8.92       | 35.33      |
| PK   | 15.60196G    | 58.58             | 74.00             | -15.42         | 44.93         | 3           | Vertical  | 49             | 1.56          | -       | 38.72      | 9.78       | 34.85      |
| AV   | 15.59808G    | 43.95             | 54.00             | -10.05         | 30.29         | 3           | Vertical  | 49             | 1.56          | -       | 38.72      | 9.78       | 34.84      |

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

13/07/2020

## 5200MHz\_TX



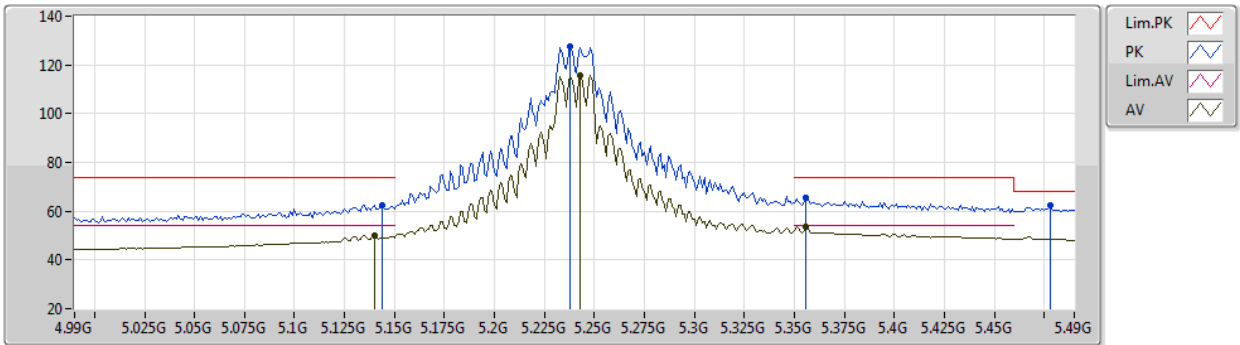
EUT\_Z\_4TX  
Setting 97  
01-D-G-2

| 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   | 10.39604G    | 54.31             | 68.20             | -13.89         | 42.51         | 3           | Horizontal | 87             | 2.94          | -       | 38.22      | 8.92       | 35.34      |
| PK   | 15.54422G    | 57.07             | 74.00             | -16.93         | 43.30         | 3           | Horizontal | 22             | 1.28          | -       | 38.76      | 9.79       | 34.78      |
| AV   | 15.53856G    | 43.41             | 54.00             | -10.59         | 29.63         | 3           | Horizontal | 22             | 1.28          | -       | 38.77      | 9.79       | 34.78      |

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

13/07/2020

## 5240MHz\_TX



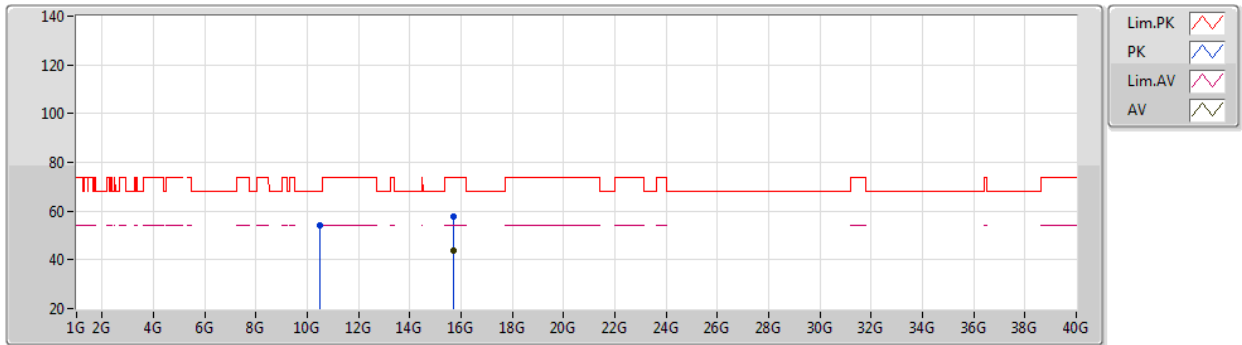
EUT\_Z\_4TX  
Setting 104  
04-E-P-2-10

| 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   | 5.144G       | 62.47             | 74.00             | -11.53         | 57.70         | 3           | Vertical  | 94             | 1.80          | -       | 33.04      | 5.10       | 33.37      |
| AV   | 5.14G        | 50.06             | 54.00             | -3.94          | 45.29         | 3           | Vertical  | 94             | 1.80          | -       | 33.04      | 5.10       | 33.37      |
| PK   | 5.238G       | 127.64            | Inf               | -Inf           | 122.73        | 3           | Vertical  | 94             | 1.80          | -       | 33.14      | 5.15       | 33.38      |
| AV   | 5.243G       | 115.79            | Inf               | -Inf           | 110.88        | 3           | Vertical  | 94             | 1.80          | -       | 33.14      | 5.15       | 33.38      |
| PK   | 5.356G       | 65.32             | 74.00             | -8.68          | 60.13         | 3           | Vertical  | 94             | 1.80          | -       | 33.37      | 5.21       | 33.39      |
| AV   | 5.356G       | 53.64             | 54.00             | -0.36          | 48.45         | 3           | Vertical  | 94             | 1.80          | -       | 33.37      | 5.21       | 33.39      |
| PK   | 5.478G       | 62.32             | 68.20             | -5.88          | 56.70         | 3           | Vertical  | 94             | 1.80          | -       | 33.73      | 5.28       | 33.39      |

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

13/07/2020

## 5240MHz\_TX



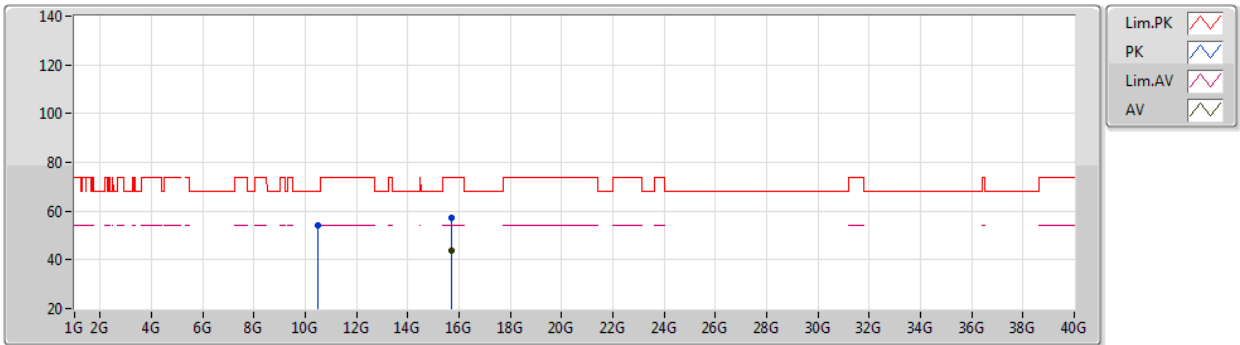
EUT Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.48304G    | 53.88             | 68.20             | -14.32         | 41.96         | 3           | Vertical  | 20             | 2.32          | -       | 38.24      | 8.95       | 35.27      |
| PK   | 15.71864G    | 57.71             | 74.00             | -16.29         | 44.31         | 3           | Vertical  | 196            | 1.86          | -       | 38.63      | 9.75       | 34.98      |
| AV   | 15.72328G    | 44.02             | 54.00             | -9.98          | 30.63         | 3           | Vertical  | 196            | 1.86          | -       | 38.62      | 9.75       | 34.98      |

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

13/07/2020

## 5240MHz\_TX



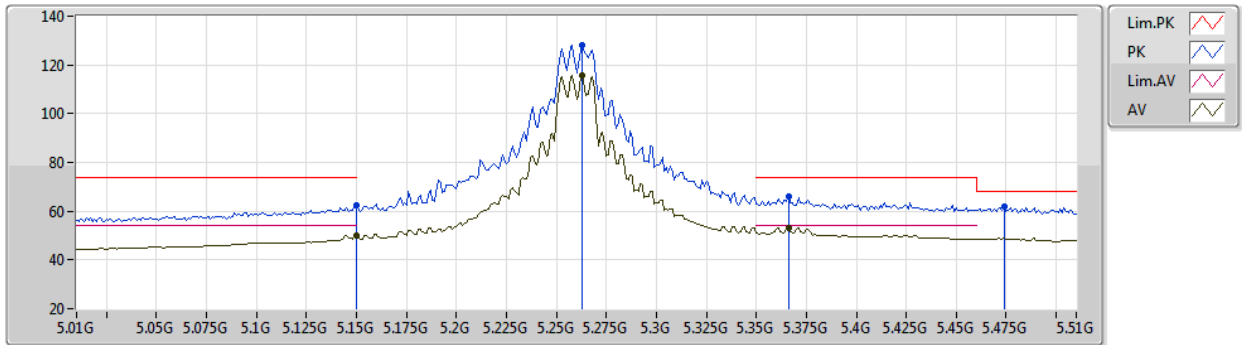
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.48484G    | 54.22             | 68.20             | -13.98         | 42.29         | 3           | Horizontal | 289            | 1.79          | -       | 38.25      | 8.95       | 35.27      |
| PK   | 15.71754G    | 57.08             | 74.00             | -16.92         | 43.68         | 3           | Horizontal | 359            | 2.97          | -       | 38.63      | 9.75       | 34.98      |
| AV   | 15.71762G    | 43.65             | 54.00             | -10.35         | 30.25         | 3           | Horizontal | 359            | 2.97          | -       | 38.63      | 9.75       | 34.98      |

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

08/07/2020

## 5260MHz\_TX



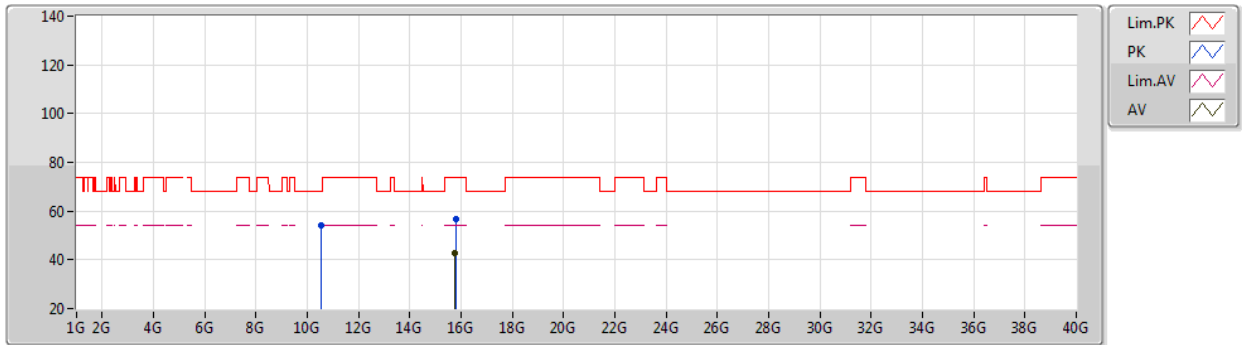
EUT Z\_4TX  
Setting 104  
04-E-P-2

| 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        | 62.24             | 74.00             | -11.76         | 57.45         | 3           | Vertical  | 93             | 1.76          | -       | 33.05      | 5.11       | 33.37      |
| AV   | 5.15G        | 50.13             | 54.00             | -3.87          | 45.34         | 3           | Vertical  | 93             | 1.76          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.263G       | 128.16            | Inf               | -Inf           | 123.22        | 3           | Vertical  | 93             | 1.76          | -       | 33.16      | 5.16       | 33.38      |
| AV   | 5.263G       | 115.57            | Inf               | -Inf           | 110.63        | 3           | Vertical  | 93             | 1.76          | -       | 33.16      | 5.16       | 33.38      |
| PK   | 5.366G       | 66.25             | 74.00             | -7.75          | 61.03         | 3           | Vertical  | 93             | 1.76          | -       | 33.40      | 5.21       | 33.39      |
| AV   | 5.366G       | 53.23             | 54.00             | -0.77          | 48.01         | 3           | Vertical  | 93             | 1.76          | -       | 33.40      | 5.21       | 33.39      |
| PK   | 5.474G       | 62.06             | 68.20             | -6.14          | 56.46         | 3           | Vertical  | 93             | 1.76          | -       | 33.72      | 5.27       | 33.39      |

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

08/07/2020

## 5260MHz\_TX



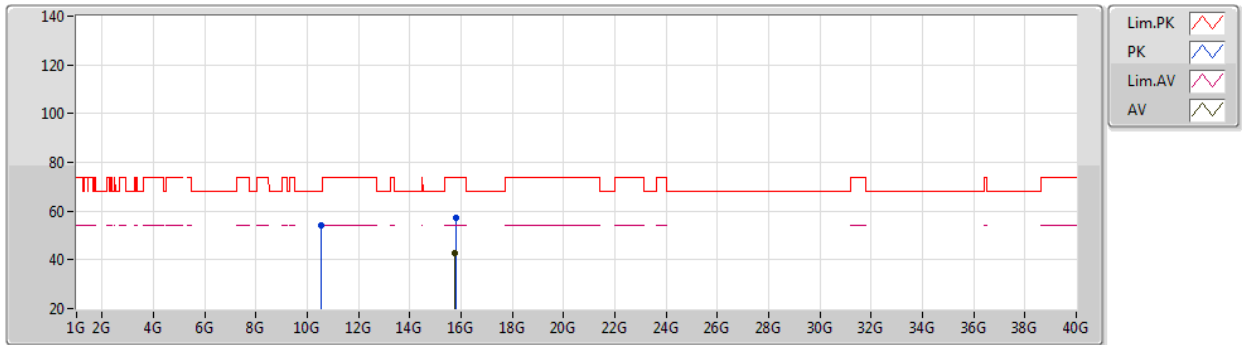
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.51666G    | 54.31             | 68.20             | -13.89         | 42.34         | 3           | Vertical  | 117            | 2.79          | -       | 38.25      | 8.96       | 35.24      |
| PK   | 15.7846G     | 56.53             | 74.00             | -17.47         | 43.27         | 3           | Vertical  | 279            | 2.87          | -       | 38.57      | 9.74       | 35.05      |
| AV   | 15.77614G    | 42.73             | 54.00             | -11.27         | 29.45         | 3           | Vertical  | 279            | 2.87          | -       | 38.58      | 9.74       | 35.04      |

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

08/07/2020

### 5260MHz\_TX



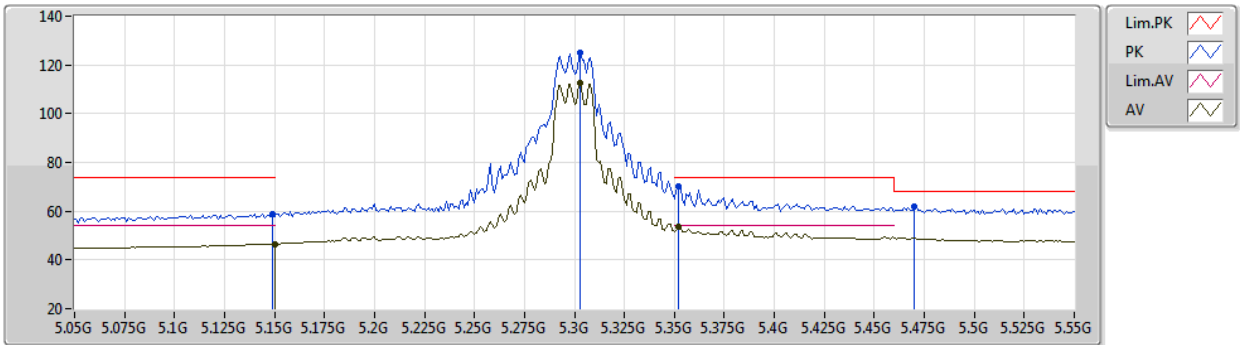
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 10.5208G     | 54.26             | 68.20             | -13.94         | 42.12         | 3           | Horizontal | 163            | 2.42          | -       | 38.26      | 8.96       | 35.08      |
| PK   | 15.78286G    | 57.40             | 74.00             | -16.60         | 44.02         | 3           | Horizontal | 280            | 2.89          | -       | 38.57      | 9.74       | 34.93      |
| AV   | 15.77622G    | 42.71             | 54.00             | -11.29         | 29.31         | 3           | Horizontal | 280            | 2.89          | -       | 38.58      | 9.74       | 34.92      |

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

08/07/2020

## 5300MHz\_TX



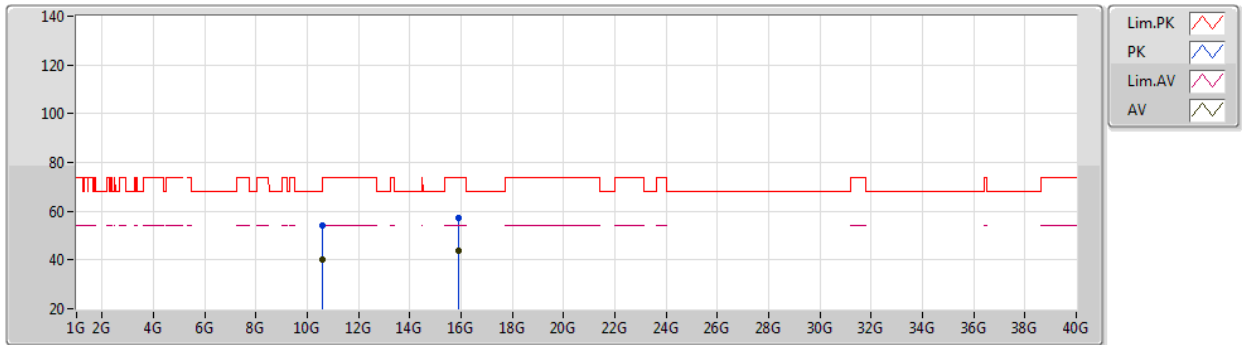
EUT Z\_4TX  
Setting 91  
04-E-P-2

| 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       | 58.80             | 74.00             | -15.20         | 54.02         | 3           | Vertical  | 93             | 1.63          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.15G        | 46.45             | 54.00             | -7.55          | 41.66         | 3           | Vertical  | 93             | 1.63          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.303G       | 125.04            | Inf               | -Inf           | 120.03        | 3           | Vertical  | 93             | 1.63          | -       | 33.21      | 5.18       | 33.38      |
| AV   | 5.303G       | 112.34            | Inf               | -Inf           | 107.33        | 3           | Vertical  | 93             | 1.63          | -       | 33.21      | 5.18       | 33.38      |
| PK   | 5.352G       | 70.22             | 74.00             | -3.78          | 65.04         | 3           | Vertical  | 93             | 1.63          | -       | 33.36      | 5.21       | 33.39      |
| AV   | 5.352G       | 53.52             | 54.00             | -0.48          | 48.34         | 3           | Vertical  | 93             | 1.63          | -       | 33.36      | 5.21       | 33.39      |
| PK   | 5.47G        | 61.98             | 68.20             | -6.22          | 56.39         | 3           | Vertical  | 93             | 1.63          | -       | 33.71      | 5.27       | 33.39      |

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

08/07/2020

## 5300MHz\_TX



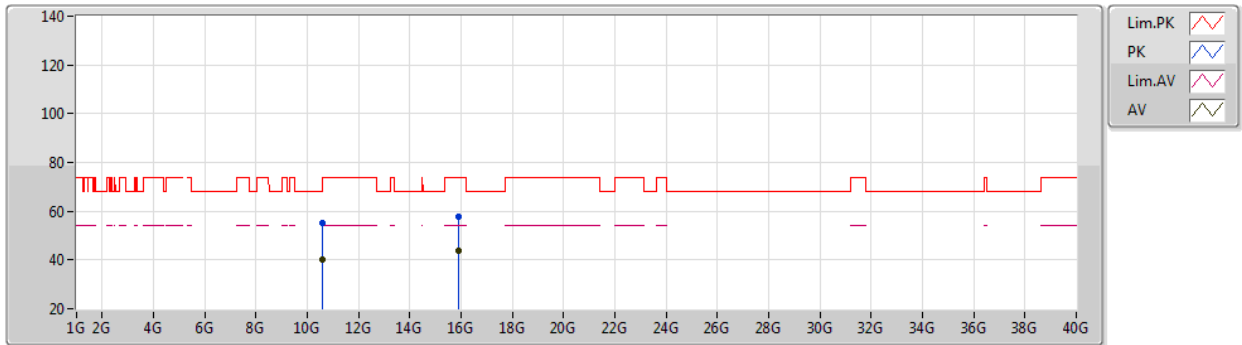
EUT\_Z\_4TX  
Setting 91  
01-D-G-2

| 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   | 10.60284G    | 54.07             | 74.00             | -19.93         | 41.97         | 3           | Vertical  | 76             | 2.09          | -       | 38.28      | 8.99       | 35.17      |  |
| AV   | 10.60102G    | 40.41             | 54.00             | -13.59         | 28.31         | 3           | Vertical  | 76             | 2.09          | -       | 38.28      | 8.99       | 35.17      |  |
| PK   | 15.90258G    | 57.42             | 74.00             | -16.58         | 44.40         | 3           | Vertical  | 5              | 1.75          | -       | 38.48      | 9.72       | 35.18      |  |
| AV   | 15.89608G    | 43.60             | 54.00             | -10.40         | 30.57         | 3           | Vertical  | 5              | 1.75          | -       | 38.48      | 9.72       | 35.17      |  |

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

08/07/2020

## 5300MHz\_TX



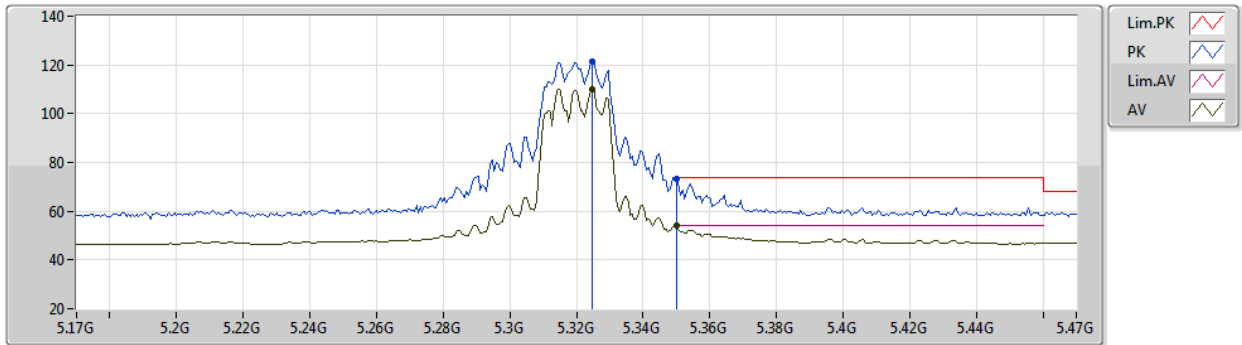
EUT\_Z\_4TX  
Setting 91  
01-D-G-2

| 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   | 10.6037G     | 54.92             | 74.00             | -19.08         | 42.82         | 3           | Horizontal | 346            | 3.00          | -       | 38.28      | 8.99       | 35.17      |
| AV   | 10.6044G     | 40.41             | 54.00             | -13.59         | 28.31         | 3           | Horizontal | 346            | 3.00          | -       | 38.28      | 8.99       | 35.17      |
| PK   | 15.89652G    | 57.75             | 74.00             | -16.25         | 44.73         | 3           | Horizontal | 159            | 2.71          | -       | 38.48      | 9.72       | 35.18      |
| AV   | 15.89884G    | 43.87             | 54.00             | -10.13         | 30.85         | 3           | Horizontal | 159            | 2.71          | -       | 38.48      | 9.72       | 35.18      |

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

08/07/2020

## 5320MHz\_TX



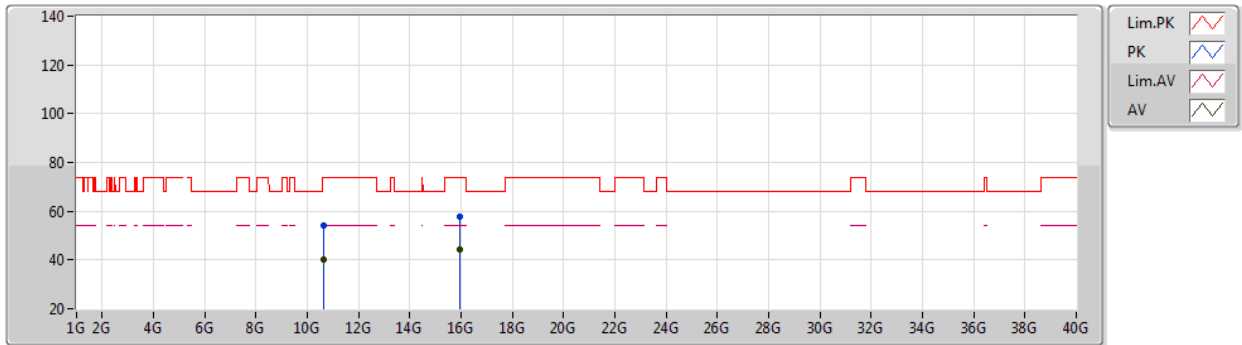
EUT Z\_4TX  
Setting 80  
04-E-P-2

| 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   | 5.3248G      | 121.59            | Inf               | -Inf           | 116.51        | 3           | Vertical  | 86             | 1.47          | -       | 33.27      | 5.19       | 33.38      |
| AV   | 5.3248G      | 109.93            | Inf               | -Inf           | 104.85        | 3           | Vertical  | 86             | 1.47          | -       | 33.27      | 5.19       | 33.38      |
| PK   | 5.35G        | 73.24             | 74.00             | -0.76          | 68.07         | 3           | Vertical  | 86             | 1.47          | -       | 33.35      | 5.21       | 33.39      |
| AV   | 5.35G        | 53.89             | 54.00             | -0.11          | 48.72         | 3           | Vertical  | 86             | 1.47          | -       | 33.35      | 5.21       | 33.39      |

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

08/07/2020

## 5320MHz\_TX



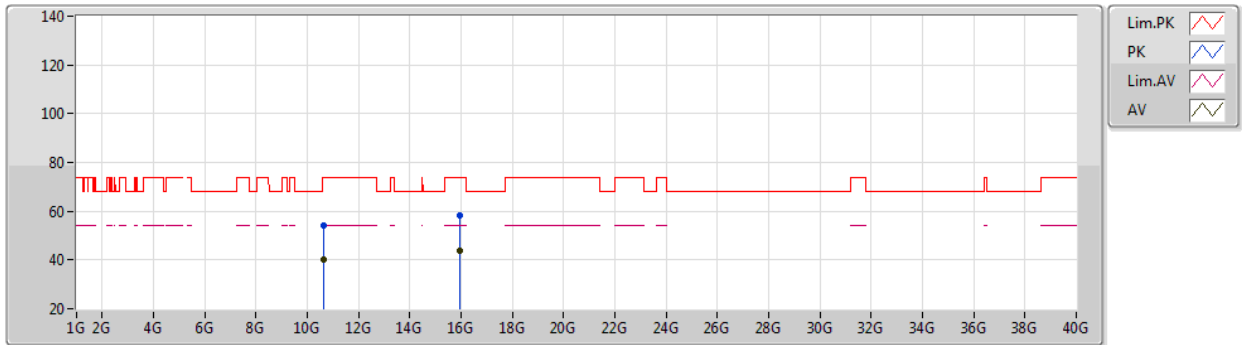
EUT\_Z\_4TX  
Setting 80  
01-D-G-2

| 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   | 10.64048G    | 54.20             | 74.00             | -19.80         | 42.05         | 3           | Vertical  | 162            | 2.74          | -       | 38.29      | 9.00       | 35.14      |
| AV   | 10.637G      | 40.23             | 54.00             | -13.77         | 28.08         | 3           | Vertical  | 162            | 2.74          | -       | 38.29      | 9.00       | 35.14      |
| PK   | 15.96172G    | 57.79             | 74.00             | -16.21         | 44.90         | 3           | Vertical  | 259            | 1.01          | -       | 38.43      | 9.71       | 35.25      |
| AV   | 15.95636G    | 44.13             | 54.00             | -9.87          | 31.23         | 3           | Vertical  | 259            | 1.01          | -       | 38.43      | 9.71       | 35.24      |

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

08/07/2020

## 5320MHz\_TX



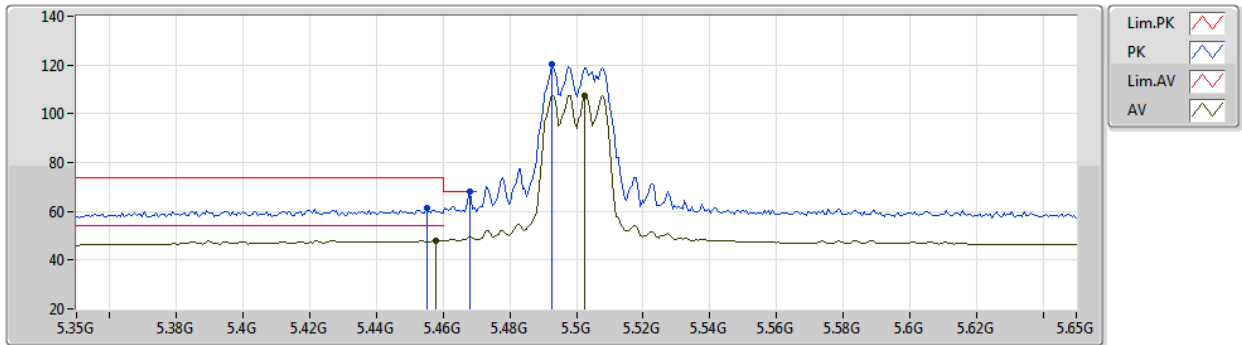
EUT\_Z\_4TX  
Setting 80  
01-D-G-2

| 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   | 10.63656G    | 53.93             | 74.00             | -20.07         | 41.78         | 3           | Horizontal | 112            | 2.18          | -       | 38.29      | 9.00       | 35.14      |
| AV   | 10.64074G    | 40.20             | 54.00             | -13.80         | 28.05         | 3           | Horizontal | 112            | 2.18          | -       | 38.29      | 9.00       | 35.14      |
| PK   | 15.95856G    | 58.06             | 74.00             | -15.94         | 45.16         | 3           | Horizontal | 121            | 1.26          | -       | 38.43      | 9.71       | 35.24      |
| AV   | 15.95648G    | 43.70             | 54.00             | -10.30         | 30.80         | 3           | Horizontal | 121            | 1.26          | -       | 38.43      | 9.71       | 35.24      |

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

08/07/2020

## 5500MHz\_TX



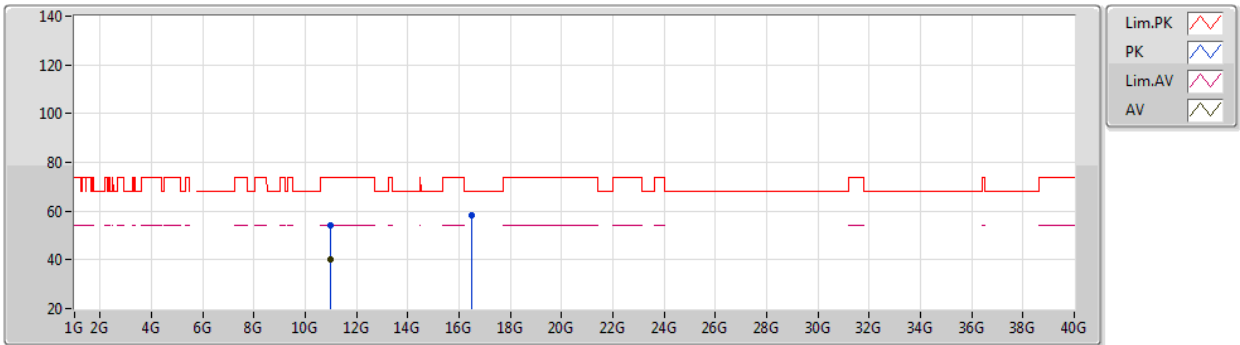
EUT\_Z\_4TX  
Setting 68  
04-E-P-2

| 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   | 5.455G       | 61.49             | 74.00             | -12.51         | 55.96         | 3           | Vertical  | 95             | 1.60          | -       | 33.66      | 5.26       | 33.39      |
| AV   | 5.458G       | 48.08             | 54.00             | -5.92          | 42.54         | 3           | Vertical  | 95             | 1.60          | -       | 33.67      | 5.26       | 33.39      |
| PK   | 5.4682G      | 67.99             | 68.20             | -0.21          | 62.41         | 3           | Vertical  | 95             | 1.60          | -       | 33.70      | 5.27       | 33.39      |
| PK   | 5.4928G      | 120.20            | Inf               | -Inf           | 114.52        | 3           | Vertical  | 95             | 1.60          | -       | 33.78      | 5.29       | 33.39      |
| AV   | 5.5024G      | 107.55            | Inf               | -Inf           | 101.85        | 3           | Vertical  | 95             | 1.60          | -       | 33.80      | 5.29       | 33.39      |

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

08/07/2020

### 5500MHz\_TX



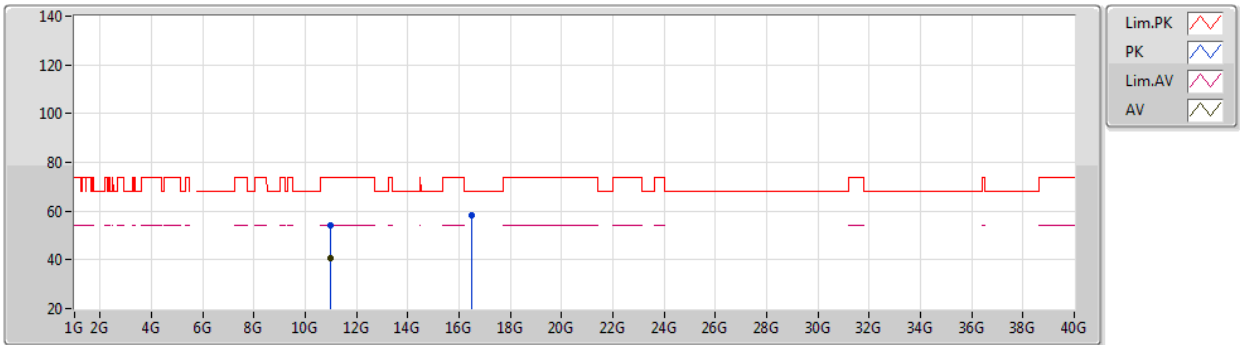
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 10.99568G    | 54.16             | 74.00             | -19.84         | 41.50         | 3           | Vertical  | 79             | 2.79          | -       | 38.40      | 9.11       | 34.85      |
| AV   | 10.99552G    | 40.28             | 54.00             | -13.72         | 27.62         | 3           | Vertical  | 79             | 2.79          | -       | 38.40      | 9.11       | 34.85      |
| PK   | 16.50446G    | 58.37             | 68.20             | -9.83          | 43.11         | 3           | Vertical  | 11             | 1.15          | -       | 39.81      | 9.93       | 34.48      |

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

08/07/2020

## 5500MHz\_TX



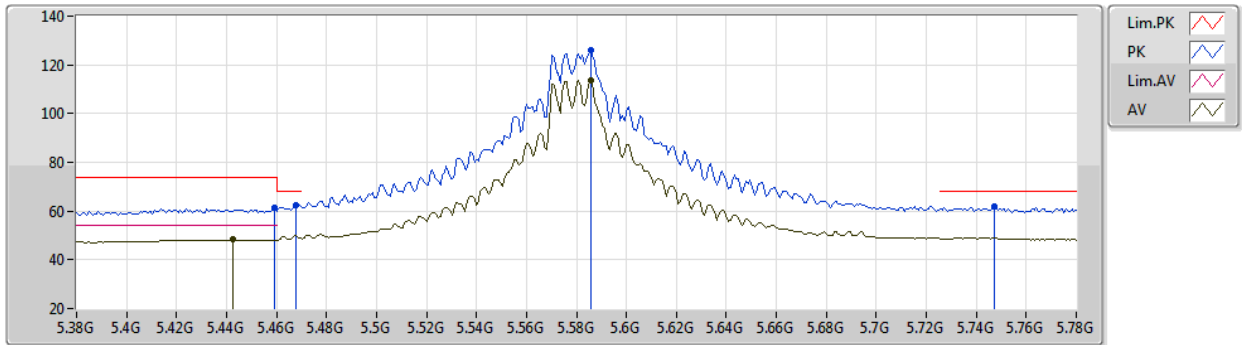
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 10.99556G    | 54.25             | 74.00             | -19.75         | 41.59         | 3           | Horizontal | 190            | 2.68          | -       | 38.40      | 9.11       | 34.85      |
| AV   | 11.00478G    | 40.54             | 54.00             | -13.46         | 27.88         | 3           | Horizontal | 190            | 2.68          | -       | 38.40      | 9.11       | 34.85      |
| PK   | 16.49634G    | 58.53             | 68.20             | -9.67          | 43.31         | 3           | Horizontal | 148            | 2.82          | -       | 39.79      | 9.93       | 34.50      |

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

08/07/2020

## 5580MHz\_TX



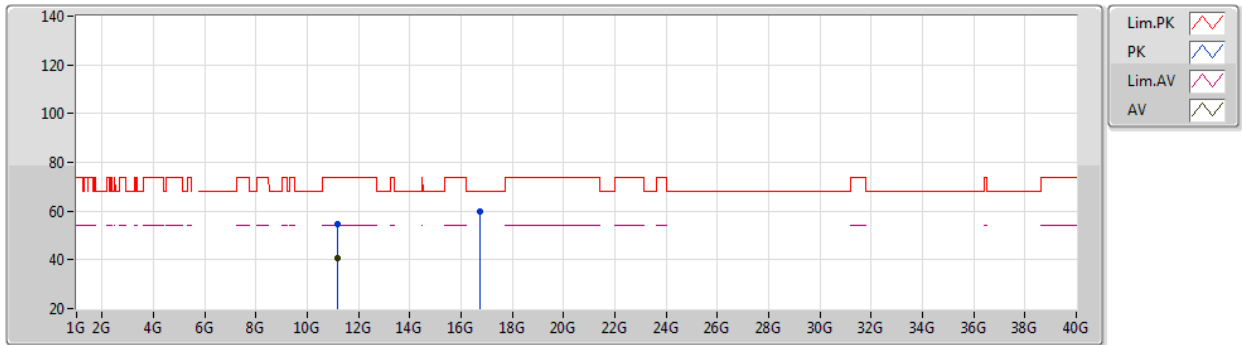
EUT Z\_4TX  
Setting 104  
04-E-P-2

| 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   | 5.4592G      | 61.29             | 74.00             | -12.71         | 55.73         | 3           | Vertical  | 45             | 1.80          | -       | 33.68      | 5.27       | 33.39      |  |
| AV   | 5.4424G      | 48.23             | 54.00             | -5.77          | 42.73         | 3           | Vertical  | 45             | 1.80          | -       | 33.63      | 5.26       | 33.39      |  |
| PK   | 5.468G       | 62.45             | 68.20             | -5.75          | 56.87         | 3           | Vertical  | 45             | 1.80          | -       | 33.70      | 5.27       | 33.39      |  |
| PK   | 5.5856G      | 126.19            | Inf               | -Inf           | 120.24        | 3           | Vertical  | 45             | 1.80          | -       | 33.97      | 5.35       | 33.37      |  |
| AV   | 5.5856G      | 113.53            | Inf               | -Inf           | 107.58        | 3           | Vertical  | 45             | 1.80          | -       | 33.97      | 5.35       | 33.37      |  |
| PK   | 5.7472G      | 61.96             | 68.20             | -6.24          | 55.65         | 3           | Vertical  | 45             | 1.80          | -       | 34.19      | 5.47       | 33.35      |  |

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

08/07/2020

### 5580MHz\_TX



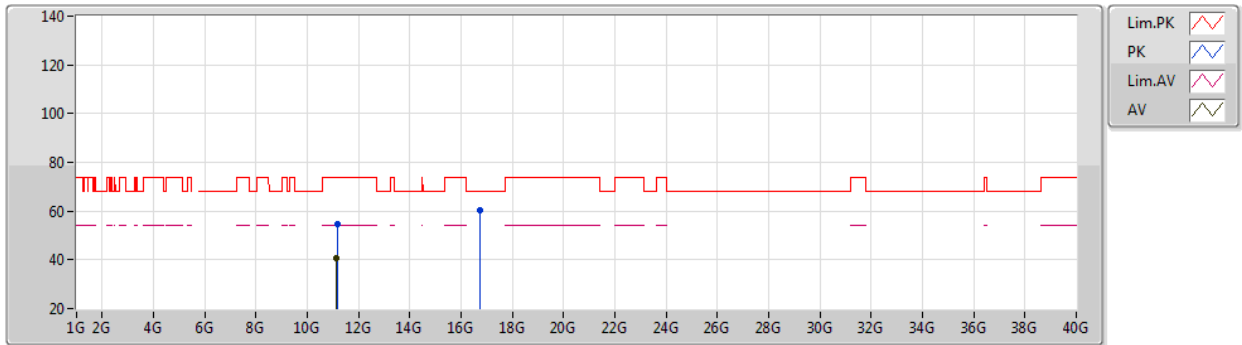
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.16078G    | 54.80             | 74.00             | -19.20         | 42.10         | 3           | Vertical  | 274            | 1.27          | -       | 38.42      | 9.16       | 34.88      |
| AV   | 11.1588G     | 40.79             | 54.00             | -13.21         | 28.09         | 3           | Vertical  | 274            | 1.27          | -       | 38.42      | 9.16       | 34.88      |
| PK   | 16.74144G    | 59.94             | 68.20             | -8.26          | 43.52         | 3           | Vertical  | 38             | 1.65          | -       | 40.48      | 10.04      | 34.10      |

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

08/07/2020

## 5580MHz\_TX



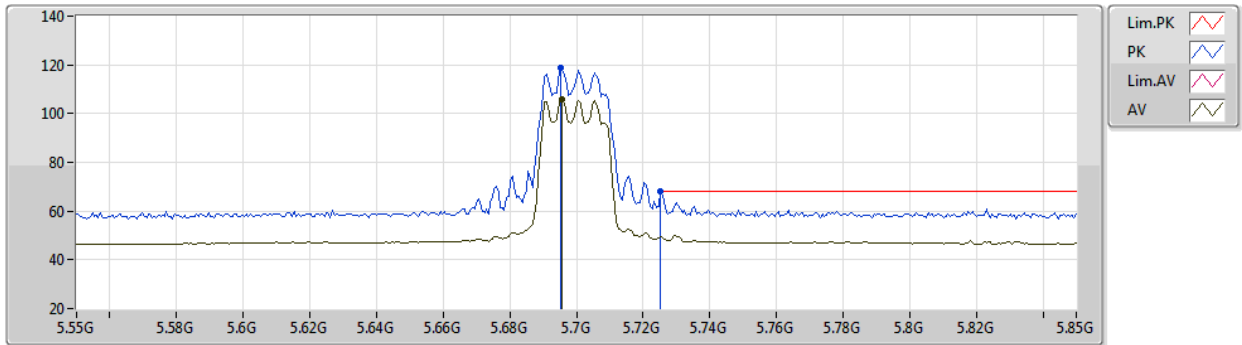
EUT Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.15916G    | 54.41             | 74.00             | -19.59         | 41.71         | 3           | Horizontal | 82             | 1.49          | -       | 38.42      | 9.16       | 34.88      |
| AV   | 11.15568G    | 40.79             | 54.00             | -13.21         | 28.08         | 3           | Horizontal | 82             | 1.49          | -       | 38.42      | 9.16       | 34.87      |
| PK   | 16.73708G    | 60.51             | 68.20             | -7.69          | 44.12         | 3           | Horizontal | 242            | 2.76          | -       | 40.46      | 10.04      | 34.11      |

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

08/07/2020

## 5700MHz\_TX



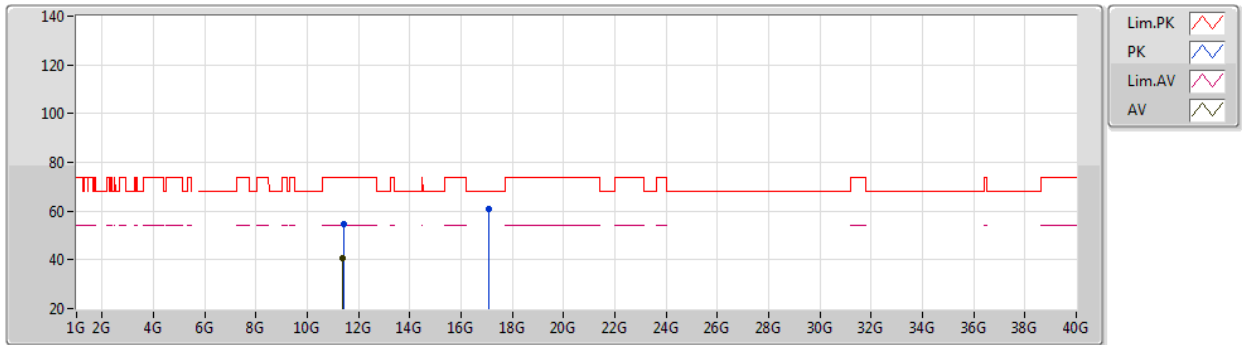
EUT Z\_4TX  
Setting 68  
04-E-P-2

| 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   | 5.6952G      | 118.61            | Inf               | -Inf           | 112.43        | 3           | Vertical  | 44             | 1.54          | -       | 34.10      | 5.44       | 33.36      |
| AV   | 5.6958G      | 106.10            | Inf               | -Inf           | 99.92         | 3           | Vertical  | 44             | 1.54          | -       | 34.10      | 5.44       | 33.36      |
| PK   | 5.7252G      | 68.11             | 68.20             | -0.09          | 61.85         | 3           | Vertical  | 44             | 1.54          | -       | 34.15      | 5.46       | 33.35      |

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

08/07/2020

## 5700MHz\_TX



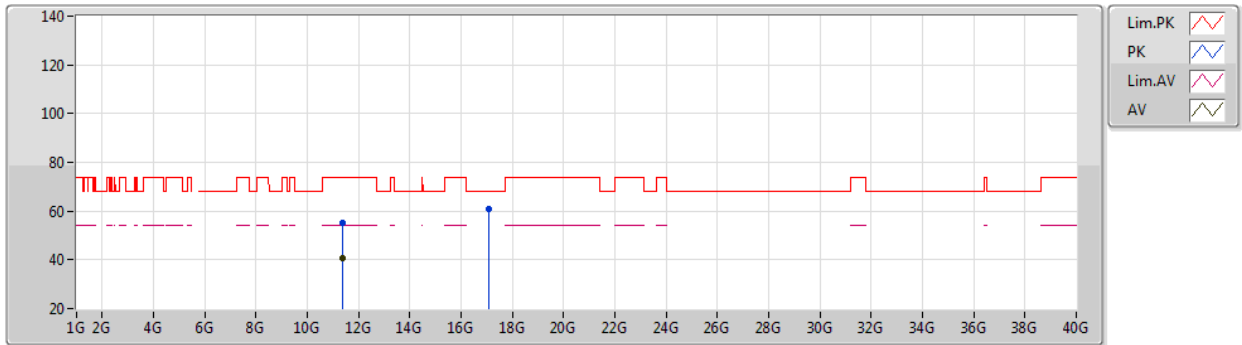
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 11.403G      | 54.45             | 74.00             | -19.55         | 41.69         | 3           | Vertical  | 162            | 1.99          | -       | 38.44      | 9.23       | 34.91      |
| AV   | 11.40118G    | 40.66             | 54.00             | -13.34         | 27.90         | 3           | Vertical  | 162            | 1.99          | -       | 38.44      | 9.23       | 34.91      |
| PK   | 17.09706G    | 60.90             | 68.20             | -7.30          | 43.06         | 3           | Vertical  | 305            | 1.05          | -       | 41.35      | 10.20      | 33.71      |

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

08/07/2020

## 5700MHz\_TX



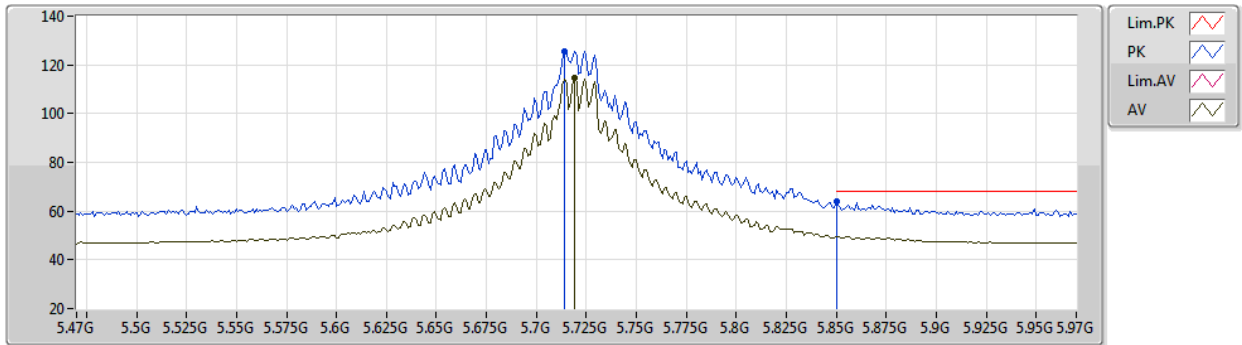
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 11.40126G    | 55.02             | 74.00             | -18.98         | 42.26         | 3           | Horizontal | 84             | 2.55          | -       | 38.44      | 9.23       | 34.91      |
| AV   | 11.3974G     | 40.65             | 54.00             | -13.35         | 27.89         | 3           | Horizontal | 84             | 2.55          | -       | 38.44      | 9.23       | 34.91      |
| PK   | 17.09646G    | 60.72             | 68.20             | -7.48          | 42.89         | 3           | Horizontal | 243            | 1.55          | -       | 41.34      | 10.20      | 33.71      |

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

08/07/2020

## 5720MHz Straddle 5.47-5.725GHz\_TX

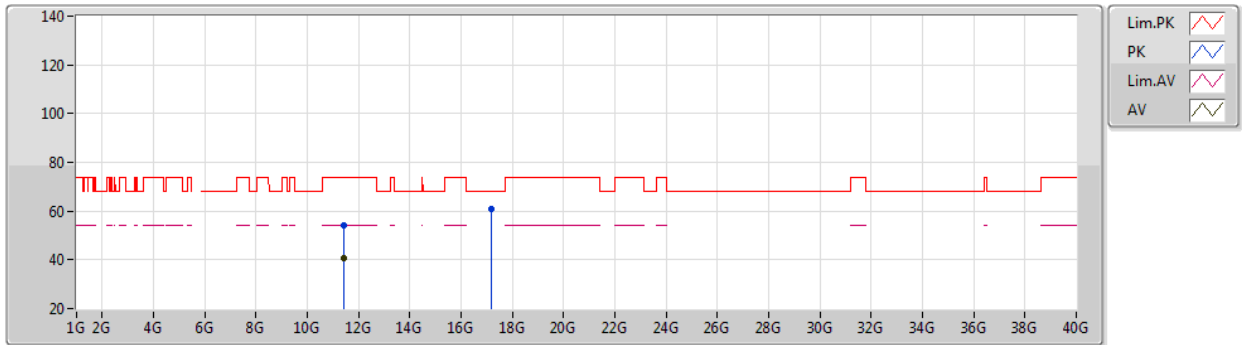


EUT Z\_4TX  
Setting 104  
04-E-P-2

| 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   | 5.714G       | 125.56            | Inf               | -Inf           | 119.34        | 3           | Vertical  | 155            | 1.79          | -       | 34.13      | 5.45       | 33.36      |
| AV   | 5.719G       | 114.50            | Inf               | -Inf           | 108.27        | 3           | Vertical  | 155            | 1.79          | -       | 34.14      | 5.45       | 33.36      |
| PK   | 5.85G        | 63.87             | 68.20             | -4.33          | 57.05         | 3           | Vertical  | 155            | 1.79          | -       | 34.60      | 5.55       | 33.33      |

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

08/07/2020

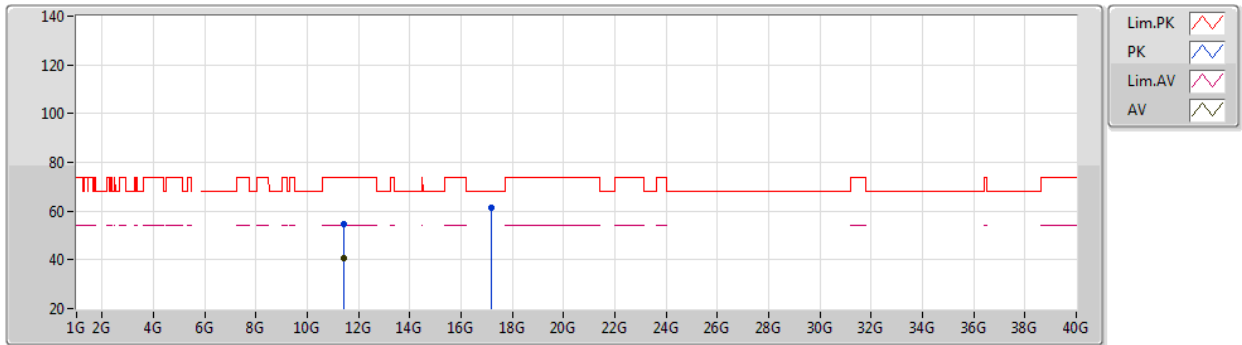


EUT\_Z\_4TX  
 Setting 104  
 01-D-G-2

| 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   | 11.44138G    | 40.54             | 54.00             | -13.46         | 27.78         | 3           | Vertical  | 288            | 2.50          | -       | 38.44      | 9.24       | 34.92      |
| PK   | 11.44472G    | 54.34             | 74.00             | -19.66         | 41.58         | 3           | Vertical  | 288            | 2.50          | -       | 38.44      | 9.24       | 34.92      |
| PK   | 17.16348G    | 61.06             | 68.20             | -7.14          | 43.10         | 3           | Vertical  | 125            | 1.95          | -       | 41.45      | 10.23      | 33.72      |

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

08/07/2020



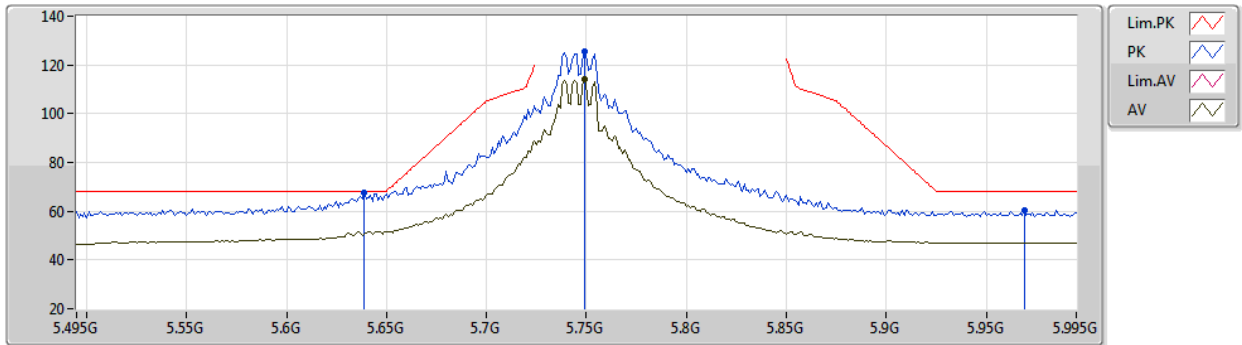
EUT\_Z\_4TX  
 Setting 104  
 01-D-G-2

| 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   | 11.4417G     | 54.68             | 74.00             | -19.32         | 41.92         | 3           | Horizontal | 270            | 2.10          | -       | 38.44      | 9.24       | 34.92      |
| AV   | 11.44134G    | 40.49             | 54.00             | -13.51         | 27.73         | 3           | Horizontal | 270            | 2.10          | -       | 38.44      | 9.24       | 34.92      |
| PK   | 17.15838G    | 61.45             | 68.20             | -6.75          | 43.50         | 3           | Horizontal | 147            | 2.76          | -       | 41.44      | 10.23      | 33.72      |

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

13/07/2020

## 5745MHz\_TX



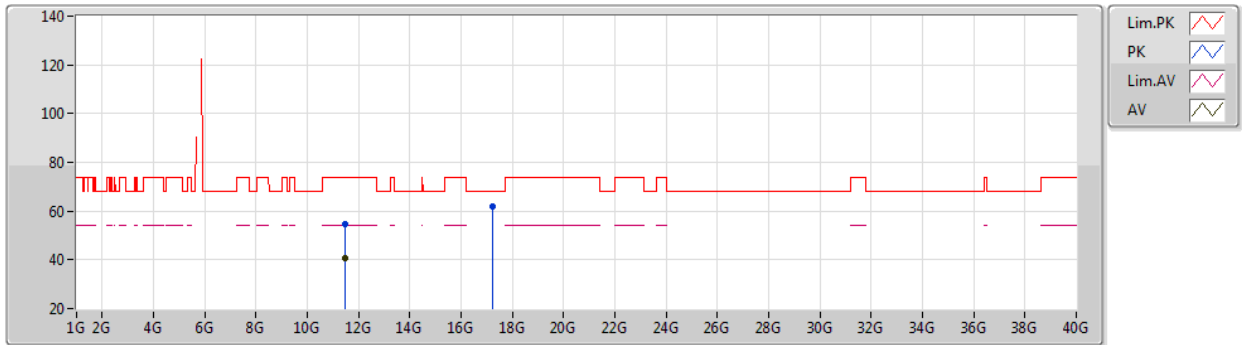
EUT\_Z\_4TX  
Setting 99  
04-E-P-2-10

| 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       | 67.58             | 68.20             | -0.62          | 61.52         | 3           | Vertical  | 153            | 1.80          | -       | 34.04      | 5.39       | 33.37      |
| PK   | 5.749G       | 125.39            | Inf               | -Inf           | 119.07        | 3           | Vertical  | 153            | 1.80          | -       | 34.20      | 5.47       | 33.35      |
| AV   | 5.749G       | 113.88            | Inf               | -Inf           | 107.56        | 3           | Vertical  | 153            | 1.80          | -       | 34.20      | 5.47       | 33.35      |
| PK   | 5.969G       | 60.18             | 68.20             | -8.02          | 52.67         | 3           | Vertical  | 153            | 1.80          | -       | 35.18      | 5.64       | 33.31      |

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

13/07/2020

## 5745MHz\_TX



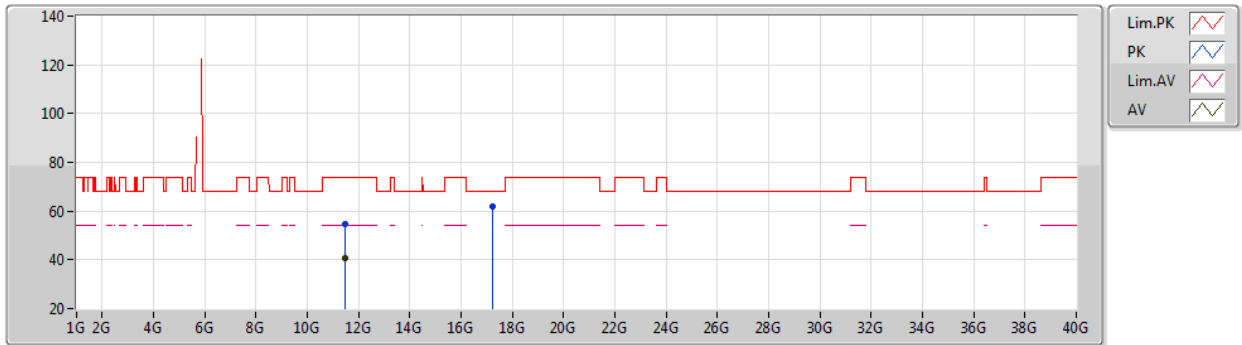
EUT\_Z\_4TX  
Setting 99  
01-D-G-2

| 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   | 11.48748G    | 54.88             | 74.00             | -19.12         | 42.11         | 3           | Vertical  | 339            | 2.73          | -       | 38.45      | 9.25       | 34.93      |
| AV   | 11.49112G    | 40.84             | 54.00             | -13.16         | 28.07         | 3           | Vertical  | 339            | 2.73          | -       | 38.45      | 9.25       | 34.93      |
| PK   | 17.2378G     | 61.86             | 68.20             | -6.34          | 43.77         | 3           | Vertical  | 214            | 2.79          | -       | 41.56      | 10.26      | 33.73      |

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

13/07/2020

## 5745MHz\_TX



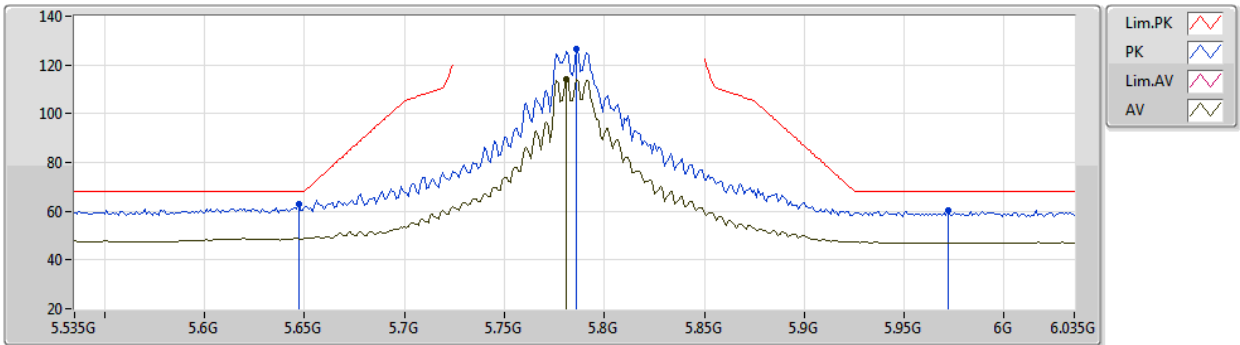
EUT Z\_4TX  
Setting 99  
01-D-G-2

| 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   | 11.49368G    | 54.82             | 74.00             | -19.18         | 42.05         | 3           | Horizontal | 288            | 2.10          | -       | 38.45      | 9.25       | 34.93      |
| AV   | 11.48918G    | 40.80             | 54.00             | -13.20         | 28.03         | 3           | Horizontal | 288            | 2.10          | -       | 38.45      | 9.25       | 34.93      |
| PK   | 17.23278G    | 61.70             | 68.20             | -6.50          | 43.62         | 3           | Horizontal | 112            | 1.07          | -       | 41.55      | 10.26      | 33.73      |

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

13/07/2020

## 5785MHz\_TX



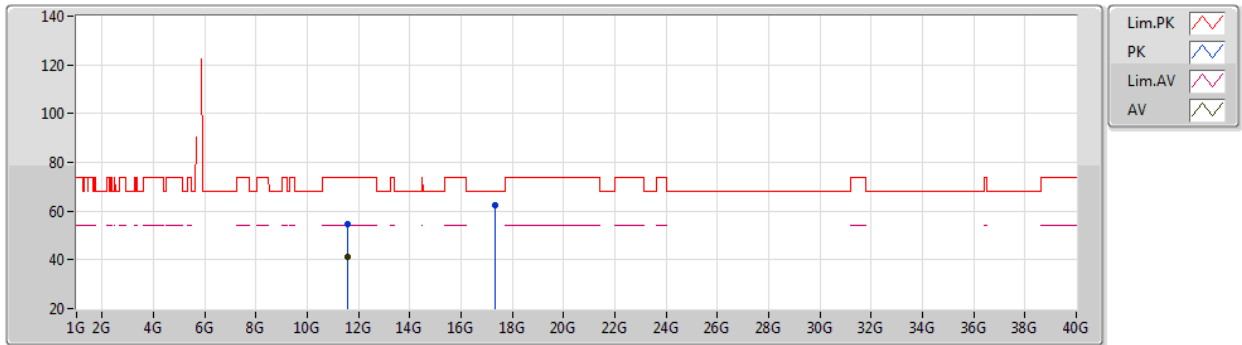
EUT\_Z\_4TX  
Setting 104  
04-E-P-2-10

| 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   | 5.647G       | 63.16             | 68.20             | -5.04          | 57.08         | 3           | Vertical  | 219            | 1.80          | -       | 34.05      | 5.40       | 33.37      |
| PK   | 5.786G       | 126.34            | Inf               | -Inf           | 119.91        | 3           | Vertical  | 219            | 1.80          | -       | 34.27      | 5.50       | 33.34      |
| AV   | 5.781G       | 114.15            | Inf               | -Inf           | 107.73        | 3           | Vertical  | 219            | 1.80          | -       | 34.26      | 5.50       | 33.34      |
| PK   | 5.972G       | 60.59             | 68.20             | -7.61          | 53.07         | 3           | Vertical  | 219            | 1.80          | -       | 35.19      | 5.64       | 33.31      |

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

13/07/2020

## 5785MHz\_TX



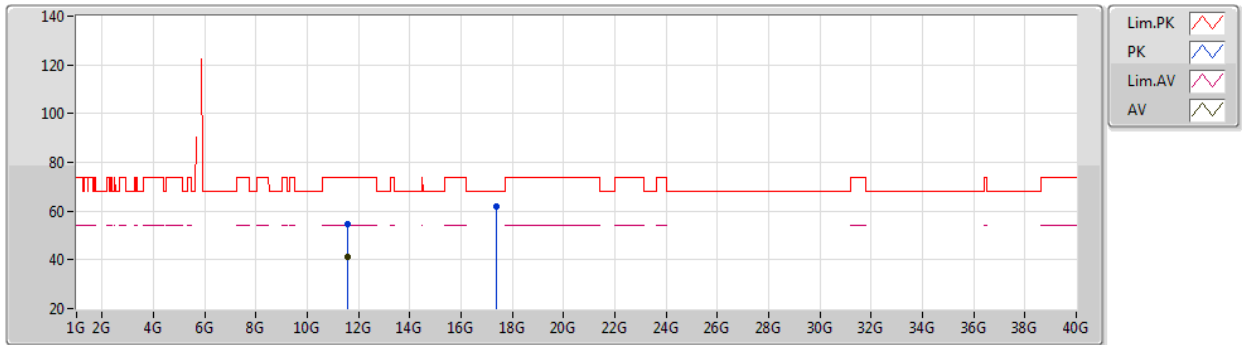
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.57078G    | 54.79             | 74.00             | -19.21         | 41.99         | 3           | Vertical  | 271            | 2.91          | -       | 38.46      | 9.28       | 34.94      |
| AV   | 11.5718G     | 41.03             | 54.00             | -12.97         | 28.23         | 3           | Vertical  | 271            | 2.91          | -       | 38.46      | 9.28       | 34.94      |
| PK   | 17.35122G    | 62.28             | 68.20             | -5.92          | 43.99         | 3           | Vertical  | 256            | 2.23          | -       | 41.73      | 10.31      | 33.75      |

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

13/07/2020

## 5785MHz\_TX



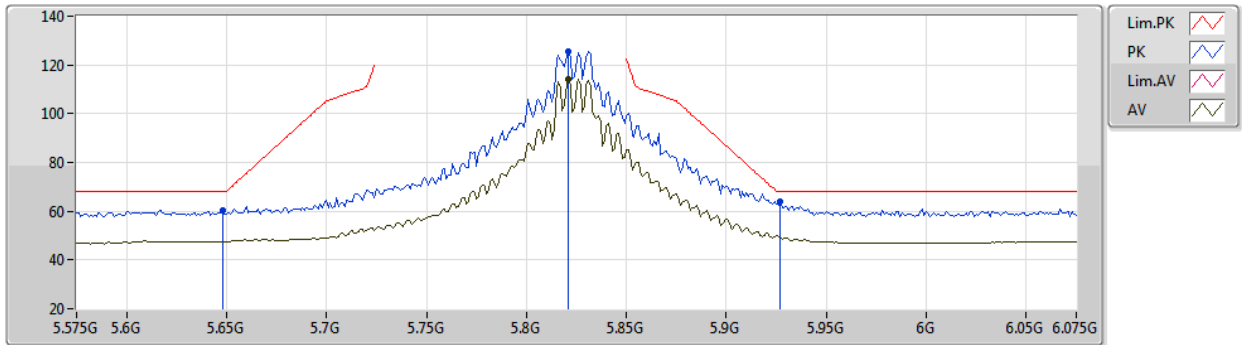
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.57092G    | 54.50             | 74.00             | -19.50         | 41.70         | 3           | Horizontal | 32             | 1.84          | -       | 38.46      | 9.28       | 34.94      |
| AV   | 11.57384G    | 41.04             | 54.00             | -12.96         | 28.24         | 3           | Horizontal | 32             | 1.84          | -       | 38.46      | 9.28       | 34.94      |
| PK   | 17.35466G    | 62.08             | 68.20             | -6.12          | 43.78         | 3           | Horizontal | 288            | 2.24          | -       | 41.73      | 10.32      | 33.75      |

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

13/07/2020

## 5825MHz\_TX



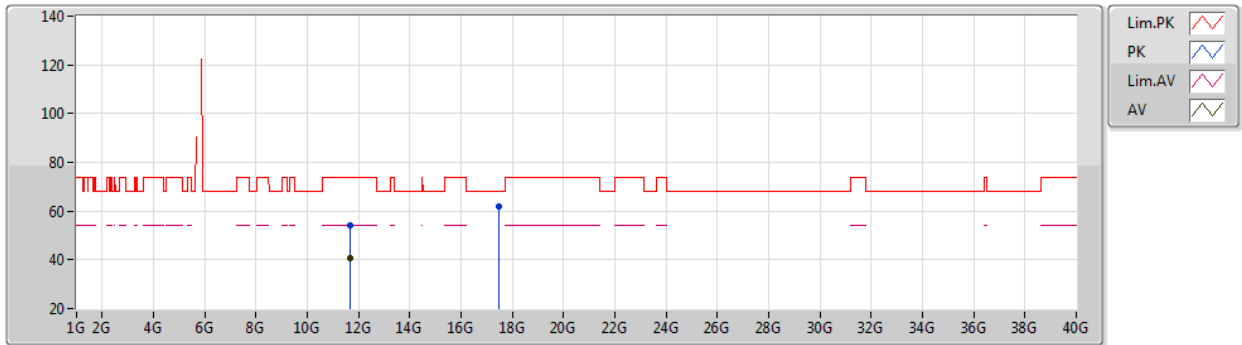
EUT\_Z\_4TX  
Setting 104  
04-E-P-2-10

| 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   | 5.648G       | 60.57             | 68.20             | -7.63          | 54.49         | 3           | Vertical  | 44             | 2.47          | -       | 34.05      | 5.40       | 33.37      |
| PK   | 5.821G       | 125.56            | Inf               | -Inf           | 118.94        | 3           | Vertical  | 44             | 2.47          | -       | 34.43      | 5.53       | 33.34      |
| AV   | 5.821G       | 114.07            | Inf               | -Inf           | 107.45        | 3           | Vertical  | 44             | 2.47          | -       | 34.43      | 5.53       | 33.34      |
| PK   | 5.927G       | 63.75             | 68.20             | -4.45          | 56.45         | 3           | Vertical  | 44             | 2.47          | -       | 35.01      | 5.61       | 33.32      |

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

13/07/2020

### 5825MHz\_TX



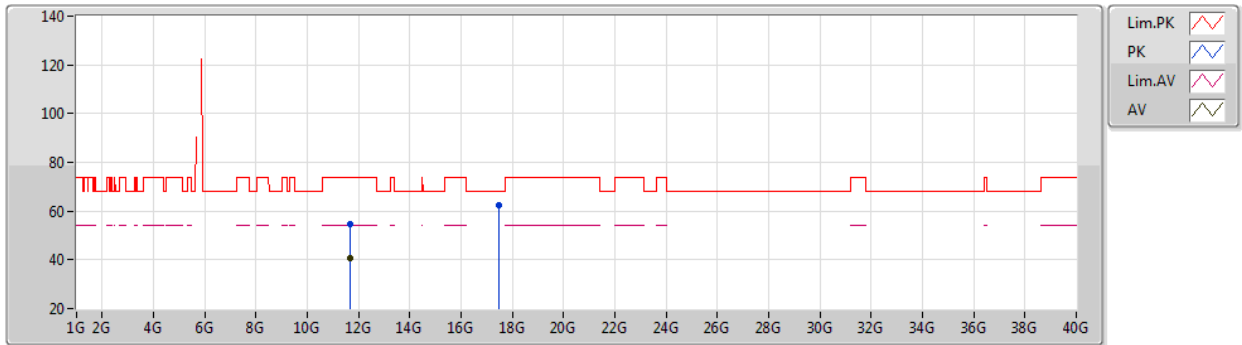
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.655G      | 54.34             | 74.00             | -19.66         | 41.52         | 3           | Vertical  | 124            | 2.95          | -       | 38.47      | 9.30       | 34.95      |
| AV   | 11.65022G    | 40.90             | 54.00             | -13.10         | 28.08         | 3           | Vertical  | 124            | 2.95          | -       | 38.47      | 9.30       | 34.95      |
| PK   | 17.47346G    | 61.96             | 68.20             | -6.24          | 43.45         | 3           | Vertical  | 58             | 1.94          | -       | 41.91      | 10.37      | 33.77      |

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

13/07/2020

## 5825MHz\_TX



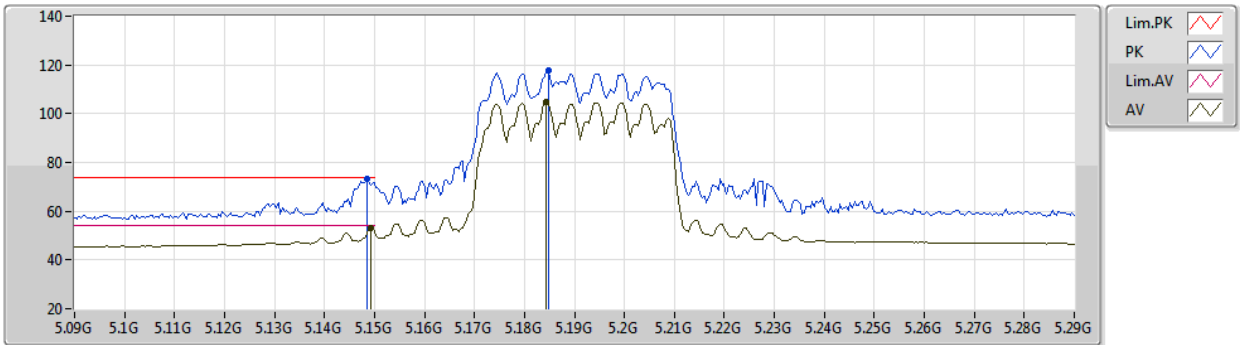
EUT\_Z\_4TX  
Setting 104  
01-D-G-2

| 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   | 11.65184G    | 54.41             | 74.00             | -19.59         | 41.59         | 3           | Horizontal | 70             | 1.98          | -       | 38.47      | 9.30       | 34.95      |
| AV   | 11.65198G    | 40.91             | 54.00             | -13.09         | 28.09         | 3           | Horizontal | 70             | 1.98          | -       | 38.47      | 9.30       | 34.95      |
| PK   | 17.47802G    | 62.43             | 68.20             | -5.77          | 43.91         | 3           | Horizontal | 259            | 2.66          | -       | 41.92      | 10.37      | 33.77      |

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

13/07/2020

## 5190MHz\_TX



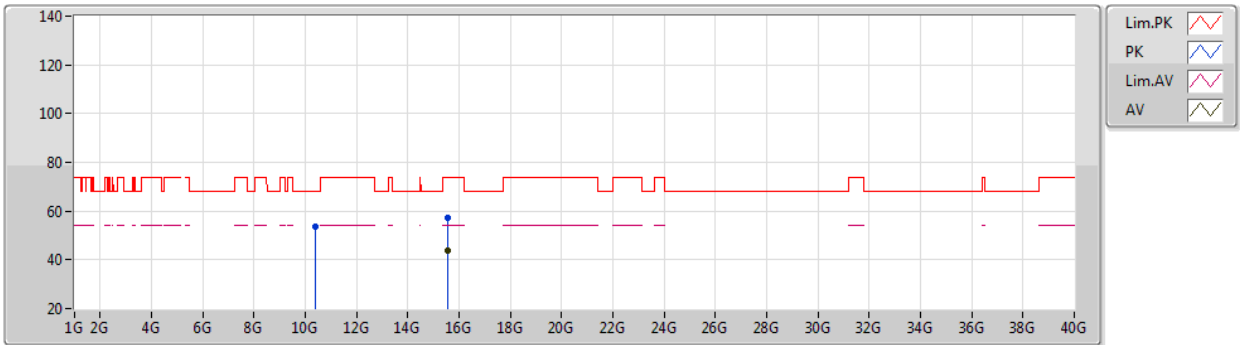
EUT\_Z\_4TX  
Setting 67  
04-E-P-2-10

| 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      | 73.45             | 74.00             | -0.55          | 68.67         | 3           | Vertical  | 81             | 1.80          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.1492G      | 53.11             | 54.00             | -0.89          | 48.33         | 3           | Vertical  | 81             | 1.80          | -       | 33.05      | 5.10       | 33.37      |
| PK   | 5.1848G      | 117.56            | Inf               | -Inf           | 112.74        | 3           | Vertical  | 81             | 1.80          | -       | 33.08      | 5.12       | 33.38      |
| AV   | 5.1844G      | 104.59            | Inf               | -Inf           | 99.77         | 3           | Vertical  | 81             | 1.80          | -       | 33.08      | 5.12       | 33.38      |

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

13/07/2020

## 5190MHz\_TX



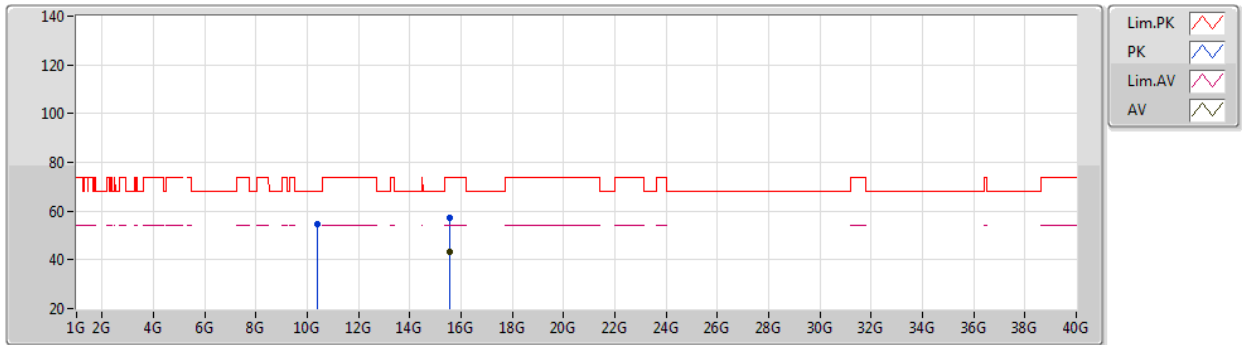
EUT\_Z\_4TX  
Setting 67  
01-D-G-2

| 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   | 10.37862G    | 53.77             | 68.20             | -14.43         | 41.99         | 3           | Vertical  | 106            | 2.71          | -       | 38.21      | 8.92       | 35.35      |
| PK   | 15.57124G    | 57.36             | 74.00             | -16.64         | 43.65         | 3           | Vertical  | 273            | 2.25          | -       | 38.74      | 9.78       | 34.81      |
| AV   | 15.57242G    | 43.54             | 54.00             | -10.46         | 29.84         | 3           | Vertical  | 273            | 2.25          | -       | 38.74      | 9.78       | 34.82      |

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

13/07/2020

## 5190MHz\_TX



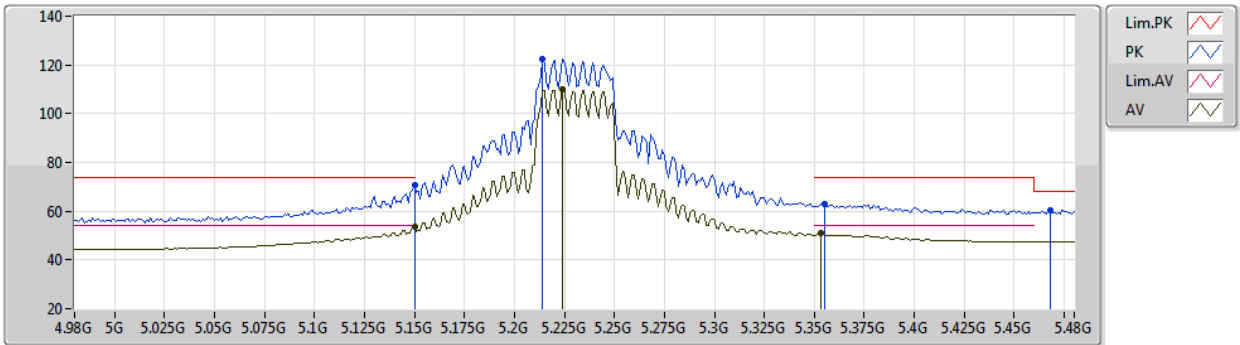
EUT\_Z\_4TX  
Setting 67  
01-D-G-2

| 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   | 10.38464G    | 54.70             | 68.20             | -13.50         | 42.91         | 3           | Horizontal | 254            | 2.43          | -       | 38.22      | 8.92       | 35.35      |
| PK   | 15.56694G    | 57.29             | 74.00             | -16.71         | 43.57         | 3           | Horizontal | 223            | 2.45          | -       | 38.75      | 9.78       | 34.81      |
| AV   | 15.57484G    | 43.43             | 54.00             | -10.57         | 29.73         | 3           | Horizontal | 223            | 2.45          | -       | 38.74      | 9.78       | 34.82      |

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

13/07/2020

## 5230MHz\_TX



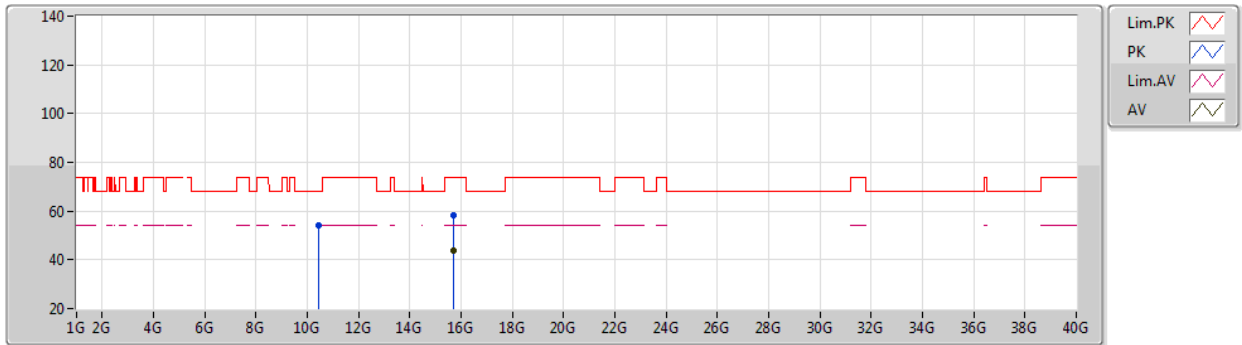
EUT\_Z\_4TX  
Setting 90  
04-E-P-2-10

| 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        | 70.83             | 74.00             | -3.17          | 66.04         | 3           | Vertical  | 81             | 1.80          | -       | 33.05      | 5.11       | 33.37      |
| AV   | 5.15G        | 53.43             | 54.00             | -0.57          | 48.64         | 3           | Vertical  | 81             | 1.80          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.214G       | 122.66            | Inf               | -Inf           | 117.79        | 3           | Vertical  | 81             | 1.80          | -       | 33.11      | 5.14       | 33.38      |
| AV   | 5.224G       | 109.82            | Inf               | -Inf           | 104.94        | 3           | Vertical  | 81             | 1.80          | -       | 33.12      | 5.14       | 33.38      |
| PK   | 5.355G       | 63.09             | 74.00             | -10.91         | 57.90         | 3           | Vertical  | 81             | 1.80          | -       | 33.37      | 5.21       | 33.39      |
| AV   | 5.353G       | 50.88             | 54.00             | -3.12          | 45.70         | 3           | Vertical  | 81             | 1.80          | -       | 33.36      | 5.21       | 33.39      |
| PK   | 5.468G       | 60.40             | 68.20             | -7.80          | 54.82         | 3           | Vertical  | 81             | 1.80          | -       | 33.70      | 5.27       | 33.39      |

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

13/07/2020

## 5230MHz\_TX



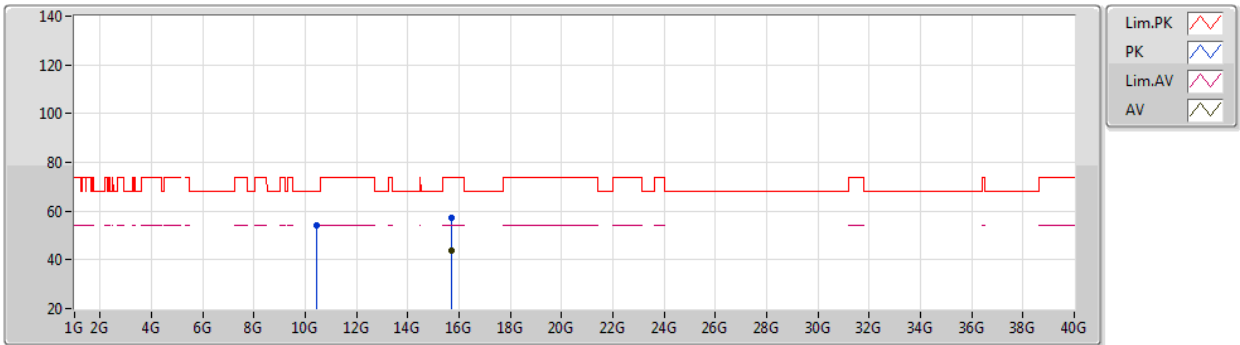
EUT\_Z\_4TX  
Setting 90  
01-D-G-2

| 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   | 10.45832G    | 54.10             | 68.20             | -14.10         | 42.21         | 3           | Vertical  | 118            | 1.70          | -       | 38.24      | 8.94       | 35.29      |
| PK   | 15.68864G    | 58.16             | 74.00             | -15.84         | 44.69         | 3           | Vertical  | 24             | 2.08          | -       | 38.65      | 9.76       | 34.94      |
| AV   | 15.69088G    | 43.76             | 54.00             | -10.24         | 30.30         | 3           | Vertical  | 24             | 2.08          | -       | 38.65      | 9.76       | 34.95      |

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

13/07/2020

## 5230MHz\_TX



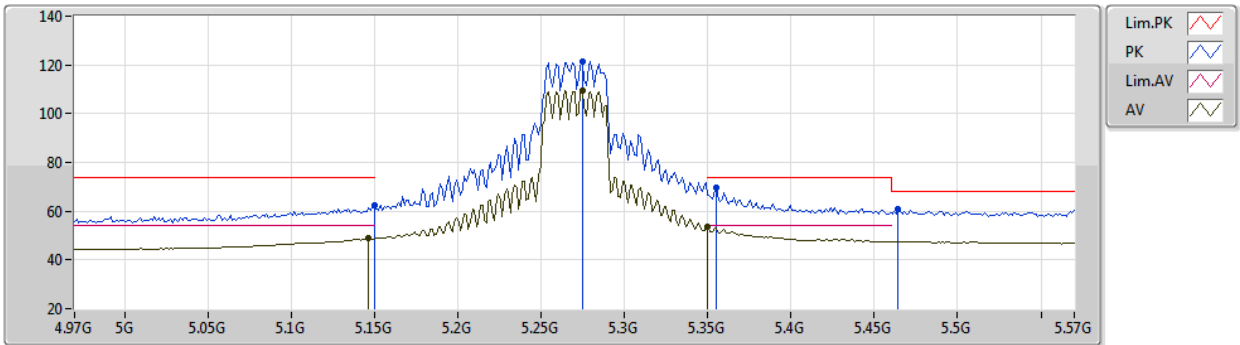
EUT\_Z\_4TX  
Setting 90  
01-D-G-2

| 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   | 10.46468G    | 54.26             | 68.20             | -13.94         | 42.36         | 3           | Horizontal | 194            | 1.71          | -       | 38.24      | 8.94       | 35.28      |
| PK   | 15.69354G    | 57.12             | 74.00             | -16.88         | 43.66         | 3           | Horizontal | 333            | 2.25          | -       | 38.65      | 9.76       | 34.95      |
| AV   | 15.68522G    | 43.56             | 54.00             | -10.44         | 30.09         | 3           | Horizontal | 333            | 2.25          | -       | 38.65      | 9.76       | 34.94      |

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

08/07/2020

## 5270MHz\_TX



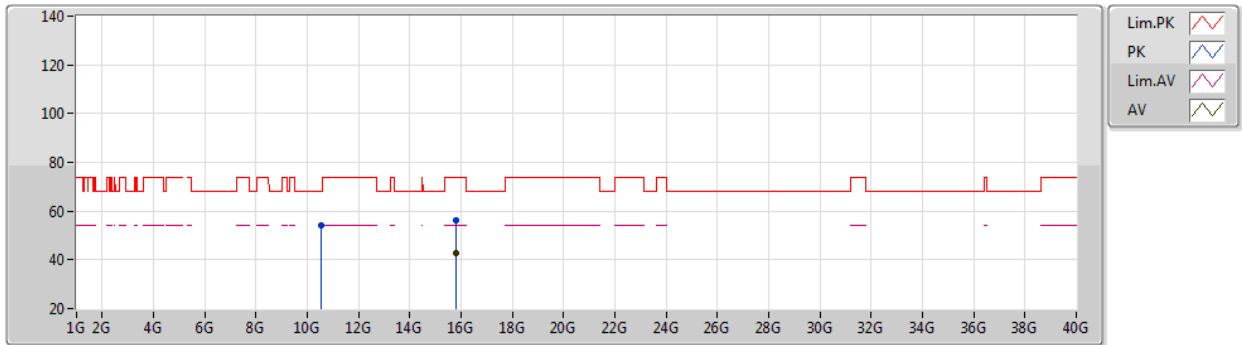
EUT Z\_4TX  
Setting 88  
04-E-P-2

| 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        | 62.36             | 74.00             | -11.64         | 57.57         | 3           | Vertical  | 82             | 1.52          | -       | 33.05      | 5.11       | 33.37      |
| AV   | 5.1464G      | 48.71             | 54.00             | -5.29          | 43.93         | 3           | Vertical  | 82             | 1.52          | -       | 33.05      | 5.10       | 33.37      |
| PK   | 5.2748G      | 121.25            | Inf               | -Inf           | 116.29        | 3           | Vertical  | 82             | 1.52          | -       | 33.17      | 5.17       | 33.38      |
| AV   | 5.2748G      | 109.53            | Inf               | -Inf           | 104.57        | 3           | Vertical  | 82             | 1.52          | -       | 33.17      | 5.17       | 33.38      |
| PK   | 5.3552G      | 69.41             | 74.00             | -4.59          | 64.22         | 3           | Vertical  | 82             | 1.52          | -       | 33.37      | 5.21       | 33.39      |
| AV   | 5.35G        | 53.65             | 54.00             | -0.35          | 48.48         | 3           | Vertical  | 82             | 1.52          | -       | 33.35      | 5.21       | 33.39      |
| PK   | 5.4644G      | 60.87             | 68.20             | -7.33          | 55.30         | 3           | Vertical  | 82             | 1.52          | -       | 33.69      | 5.27       | 33.39      |

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

08/07/2020

### 5270MHz\_TX



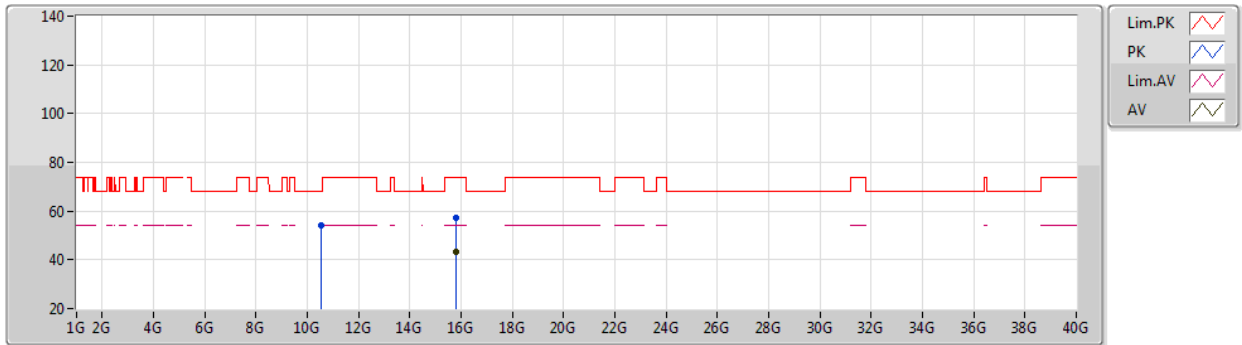
EUT\_Z\_4TX  
Setting 88  
01-D-G-2

| 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   | 10.54092G    | 54.12             | 68.20             | -14.08         | 42.11         | 3           | Vertical  | 256            | 2.89          | -       | 38.26      | 8.97       | 35.22      |
| PK   | 15.80662G    | 56.23             | 74.00             | -17.77         | 43.02         | 3           | Vertical  | 183            | 1.97          | -       | 38.55      | 9.74       | 35.08      |
| AV   | 15.81346G    | 42.63             | 54.00             | -11.37         | 29.42         | 3           | Vertical  | 183            | 1.97          | -       | 38.55      | 9.74       | 35.08      |

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

08/07/2020

## 5270MHz\_TX



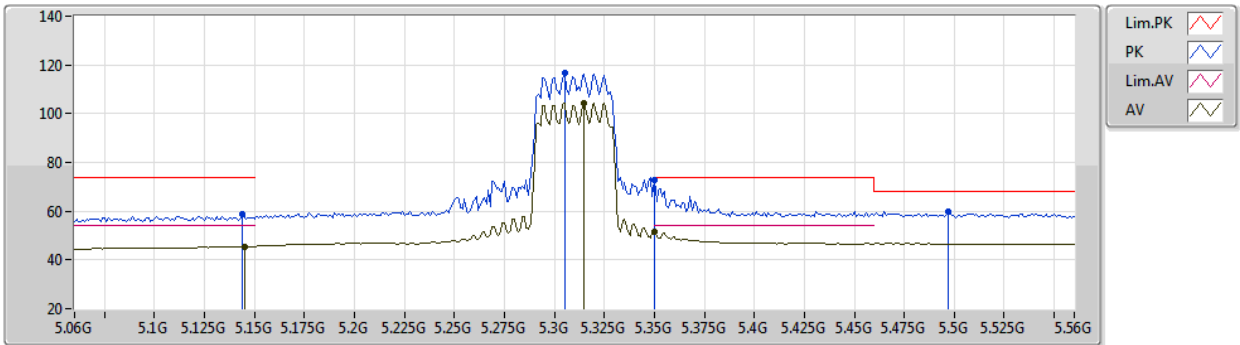
EUT\_Z\_4TX  
Setting 88  
01-D-G-2

| 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   | 10.53802G    | 54.21             | 68.20             | -13.99         | 42.20         | 3           | Horizontal | 242            | 2.21          | -       | 38.26      | 8.97       | 35.22      |
| PK   | 15.81434G    | 57.31             | 74.00             | -16.69         | 44.10         | 3           | Horizontal | 27             | 1.56          | -       | 38.55      | 9.74       | 35.08      |
| AV   | 15.81366G    | 43.50             | 54.00             | -10.50         | 30.29         | 3           | Horizontal | 27             | 1.56          | -       | 38.55      | 9.74       | 35.08      |

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

08/07/2020

## 5310MHz\_TX



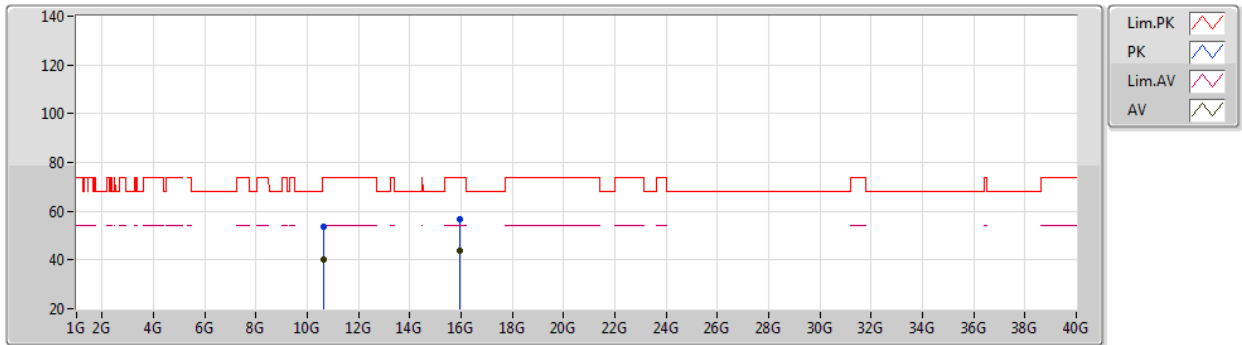
EUT Z\_4TX  
Setting 68  
04-E-P-2

| 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   | 5.144G       | 58.54             | 74.00             | -15.46         | 53.77         | 3           | Vertical  | 85             | 1.54          | -       | 33.04      | 5.10       | 33.37      |
| AV   | 5.145G       | 45.50             | 54.00             | -8.50          | 40.72         | 3           | Vertical  | 85             | 1.54          | -       | 33.05      | 5.10       | 33.37      |
| PK   | 5.305G       | 116.92            | Inf               | -Inf           | 111.90        | 3           | Vertical  | 85             | 1.54          | -       | 33.22      | 5.18       | 33.38      |
| AV   | 5.315G       | 104.54            | Inf               | -Inf           | 99.48         | 3           | Vertical  | 85             | 1.54          | -       | 33.25      | 5.19       | 33.38      |
| PK   | 5.35G        | 72.73             | 74.00             | -1.27          | 67.56         | 3           | Vertical  | 85             | 1.54          | -       | 33.35      | 5.21       | 33.39      |
| AV   | 5.35G        | 51.74             | 54.00             | -2.26          | 46.57         | 3           | Vertical  | 85             | 1.54          | -       | 33.35      | 5.21       | 33.39      |
| PK   | 5.497G       | 59.93             | 68.20             | -8.27          | 54.24         | 3           | Vertical  | 85             | 1.54          | -       | 33.79      | 5.29       | 33.39      |

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

08/07/2020

## 5310MHz\_TX



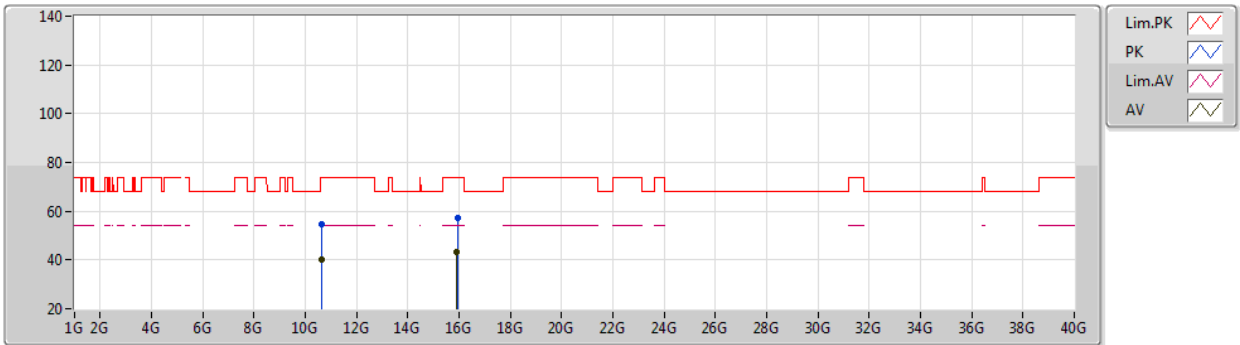
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 10.62222G    | 53.78             | 74.00             | -20.22         | 41.66         | 3           | Vertical  | 152            | 2.10          | -       | 38.29      | 8.99       | 35.16      |
| AV   | 10.61768G    | 40.32             | 54.00             | -13.68         | 28.20         | 3           | Vertical  | 152            | 2.10          | -       | 38.29      | 8.99       | 35.16      |
| PK   | 15.93228G    | 56.60             | 74.00             | -17.40         | 43.65         | 3           | Vertical  | 231            | 2.30          | -       | 38.45      | 9.71       | 35.21      |
| AV   | 15.93018G    | 43.59             | 54.00             | -10.41         | 30.63         | 3           | Vertical  | 231            | 2.30          | -       | 38.46      | 9.71       | 35.21      |

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

08/07/2020

## 5310MHz\_TX



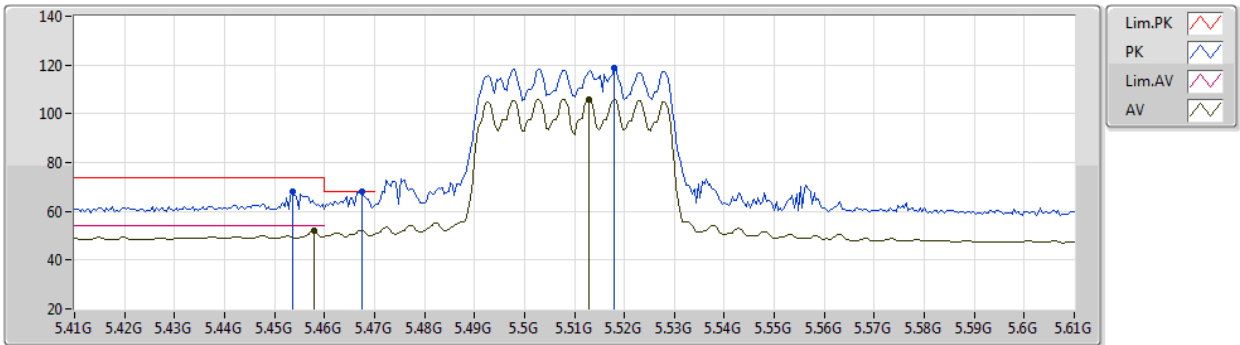
EUT Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 10.61998G    | 54.45             | 74.00             | -19.55         | 42.33         | 3           | Horizontal | 20             | 2.20          | -       | 38.29      | 8.99       | 35.16      |
| AV   | 10.61572G    | 40.26             | 54.00             | -13.74         | 28.15         | 3           | Horizontal | 20             | 2.20          | -       | 38.28      | 8.99       | 35.16      |
| PK   | 15.92844G    | 57.25             | 74.00             | -16.75         | 44.29         | 3           | Horizontal | 227            | 1.91          | -       | 38.46      | 9.71       | 35.21      |
| AV   | 15.92504G    | 43.19             | 54.00             | -10.81         | 30.23         | 3           | Horizontal | 227            | 1.91          | -       | 38.46      | 9.71       | 35.21      |

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

08/07/2020

## 5510MHz\_TX



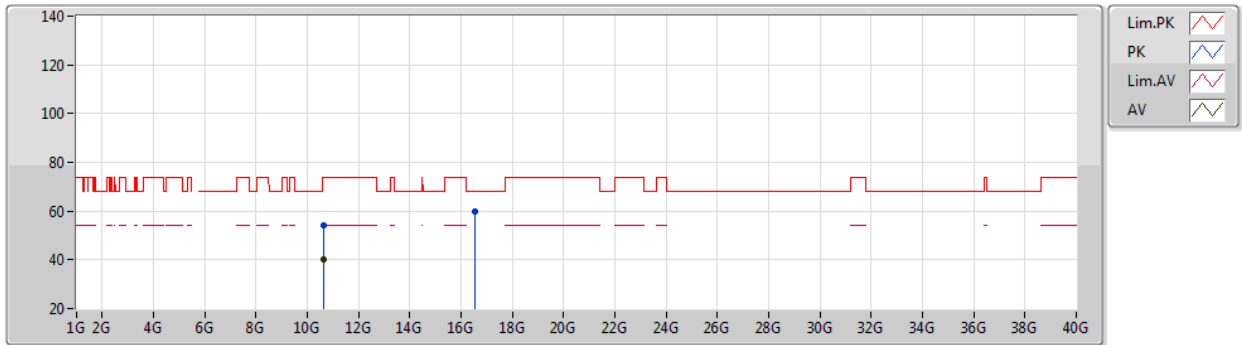
EUT\_Z\_4TX  
Setting 65  
06-F-S-5-10

| 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   | 5.4536G      | 68.21             | 74.00             | -5.79          | 62.54         | 3           | Vertical  | 92             | 1.56          | -       | 31.71      | 5.80       | 31.84      |
| AV   | 5.458G       | 51.99             | 54.00             | -2.01          | 46.31         | 3           | Vertical  | 92             | 1.56          | -       | 31.72      | 5.80       | 31.84      |
| PK   | 5.4676G      | 68.14             | 68.20             | -0.06          | 62.45         | 3           | Vertical  | 92             | 1.56          | -       | 31.74      | 5.80       | 31.85      |
| PK   | 5.518G       | 118.58            | Inf               | -Inf           | 112.88        | 3           | Vertical  | 92             | 1.56          | -       | 31.76      | 5.80       | 31.86      |
| AV   | 5.5128G      | 106.07            | Inf               | -Inf           | 100.36        | 3           | Vertical  | 92             | 1.56          | -       | 31.77      | 5.80       | 31.86      |

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

08/07/2020

## 5510MHz\_TX



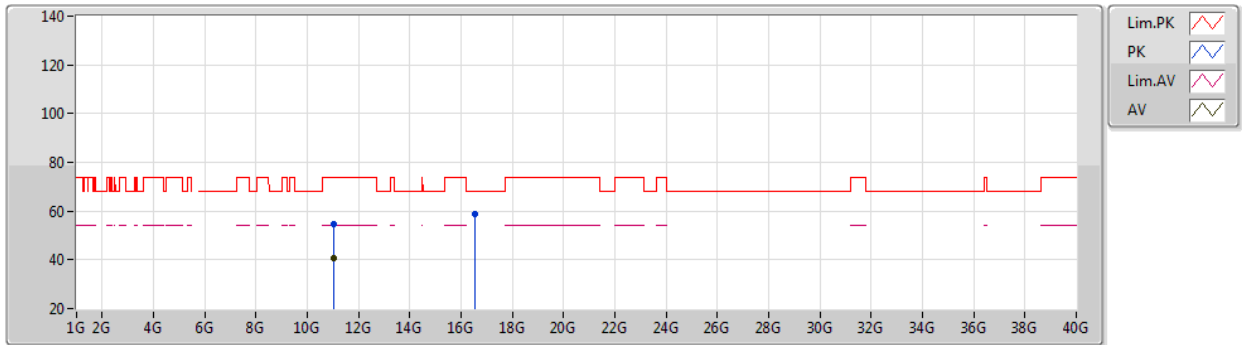
EUT\_Z\_4TX  
Setting 65  
01-D-G-2

| 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   | 10.62434G    | 54.02             | 74.00             | -19.98         | 41.89         | 3           | Vertical  | 291            | 1.93          | -       | 38.29      | 8.99       | 35.15      |
| AV   | 10.61858G    | 40.32             | 54.00             | -13.68         | 28.20         | 3           | Vertical  | 291            | 1.93          | -       | 38.29      | 8.99       | 35.16      |
| PK   | 16.52776G    | 59.81             | 68.20             | -8.39          | 44.44         | 3           | Vertical  | 44             | 1.92          | -       | 39.88      | 9.94       | 34.45      |

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

08/07/2020

## 5510MHz\_TX



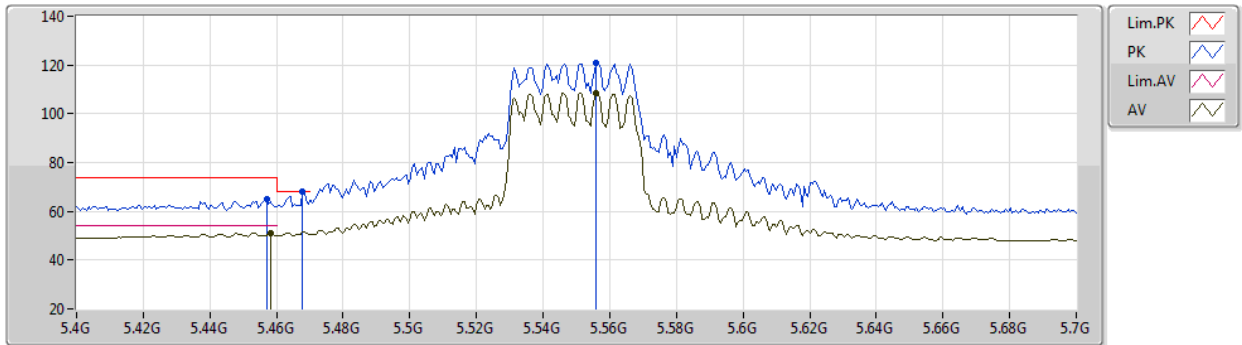
EUT\_Z\_4TX  
Setting 65  
01-D-G-2

| 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   | 11.02486G    | 54.80             | 74.00             | -19.20         | 42.13         | 3           | Horizontal | 257            | 1.91          | -       | 38.40      | 9.12       | 34.85      |
| AV   | 11.02196G    | 40.82             | 54.00             | -13.18         | 28.15         | 3           | Horizontal | 257            | 1.91          | -       | 38.40      | 9.12       | 34.85      |
| PK   | 16.53456G    | 58.98             | 68.20             | -9.22          | 43.56         | 3           | Horizontal | 318            | 1.81          | -       | 39.90      | 9.95       | 34.43      |

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

08/07/2020

## 5550MHz\_TX



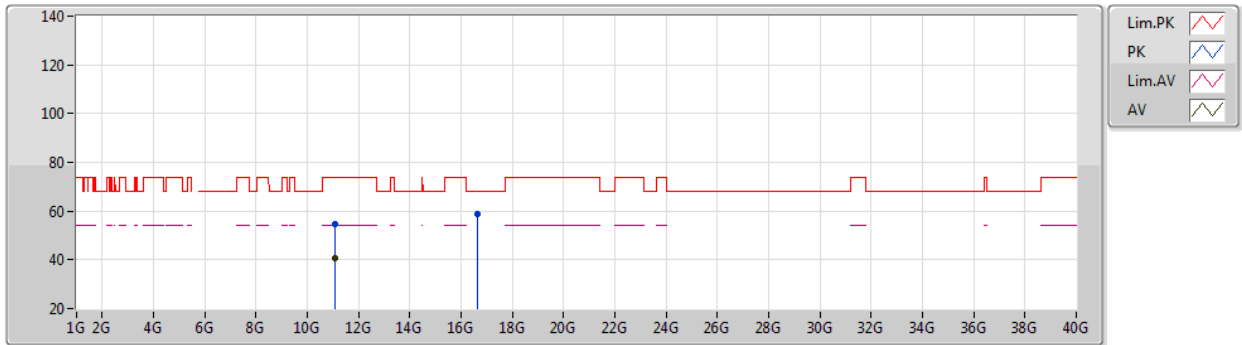
EUT\_Z\_4TX  
Setting 84  
06-F-S-5-10

| 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   | 5.457G       | 64.84             | 74.00             | -9.16          | 59.17         | 3           | Vertical  | 103            | 1.79          | -       | 31.71      | 5.80       | 31.84      |
| AV   | 5.4582G      | 51.07             | 54.00             | -2.93          | 45.39         | 3           | Vertical  | 103            | 1.79          | -       | 31.72      | 5.80       | 31.84      |
| PK   | 5.4678G      | 67.93             | 68.20             | -0.27          | 62.24         | 3           | Vertical  | 103            | 1.79          | -       | 31.74      | 5.80       | 31.85      |
| PK   | 5.556G       | 121.02            | Inf               | -Inf           | 115.37        | 3           | Vertical  | 103            | 1.79          | -       | 31.69      | 5.80       | 31.84      |
| AV   | 5.556G       | 108.56            | Inf               | -Inf           | 102.91        | 3           | Vertical  | 103            | 1.79          | -       | 31.69      | 5.80       | 31.84      |

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

08/07/2020

## 5550MHz\_TX



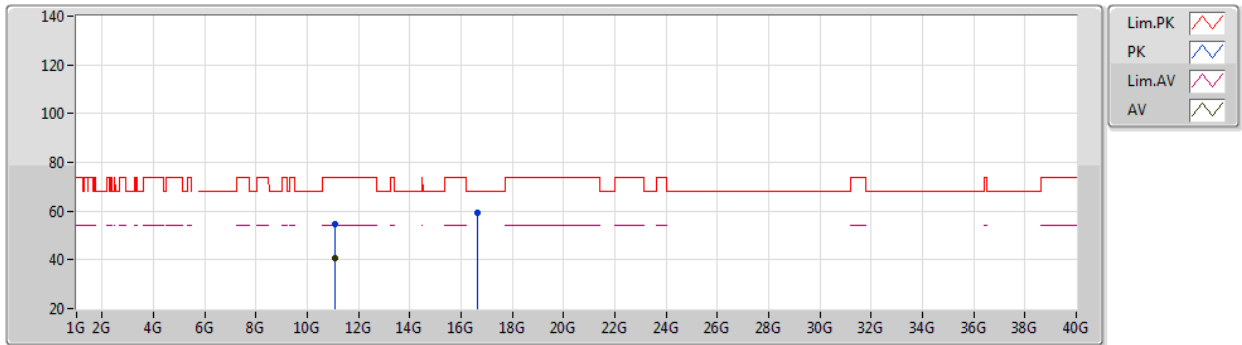
EUT\_Z\_4TX  
Setting 84  
01-D-G-2

| 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   | 11.09674G    | 54.41             | 74.00             | -19.59         | 41.73         | 3           | Vertical  | 39             | 2.11          | -       | 38.41      | 9.14       | 34.87      |
| AV   | 11.095G      | 40.76             | 54.00             | -13.24         | 28.08         | 3           | Vertical  | 39             | 2.11          | -       | 38.41      | 9.14       | 34.87      |
| PK   | 16.6494G     | 58.74             | 68.20             | -9.46          | 42.77         | 3           | Vertical  | 181            | 1.23          | -       | 40.22      | 10.00      | 34.25      |

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

08/07/2020

## 5550MHz\_TX



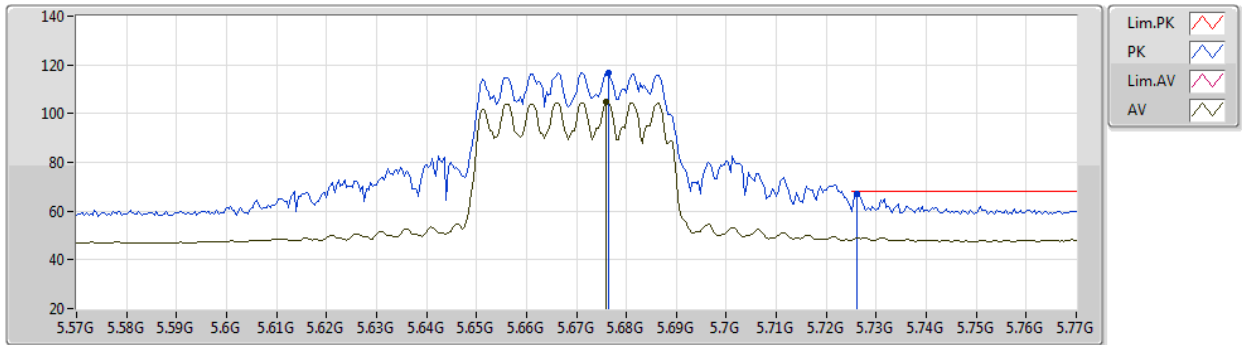
EUT Z\_4TX  
Setting 84  
01-D-G-2

| 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   | 11.10242G    | 54.46             | 74.00             | -19.54         | 41.78         | 3           | Horizontal | 188            | 1.22          | -       | 38.41      | 9.14       | 34.87      |
| AV   | 11.09714G    | 40.81             | 54.00             | -13.19         | 28.13         | 3           | Horizontal | 188            | 1.22          | -       | 38.41      | 9.14       | 34.87      |
| PK   | 16.6527G     | 59.14             | 68.20             | -9.06          | 43.16         | 3           | Horizontal | 112            | 1.33          | -       | 40.23      | 10.00      | 34.25      |

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

08/07/2020

## 5670MHz\_TX



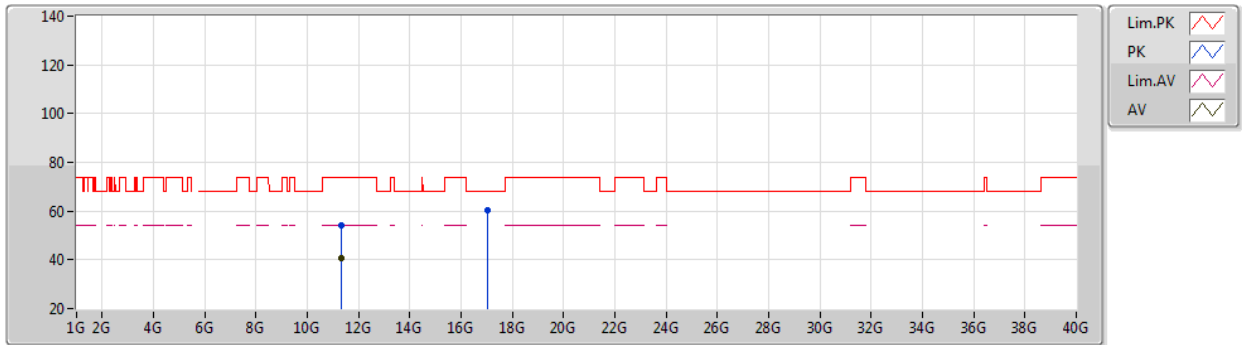
EUT\_Z\_4TX  
Setting 69  
06-F-S-5-10

| 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   | 5.6764G      | 116.88            | Inf               | -Inf           | 111.11        | 3           | Vertical  | 217            | 1.97          | -       | 31.68      | 5.87       | 31.78      |
| AV   | 5.676G       | 104.81            | Inf               | -Inf           | 99.04         | 3           | Vertical  | 217            | 1.97          | -       | 31.68      | 5.87       | 31.78      |
| PK   | 5.726G       | 67.23             | 68.20             | -0.97          | 61.27         | 3           | Vertical  | 217            | 1.97          | -       | 31.80      | 5.92       | 31.76      |

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

08/07/2020

## 5670MHz\_TX



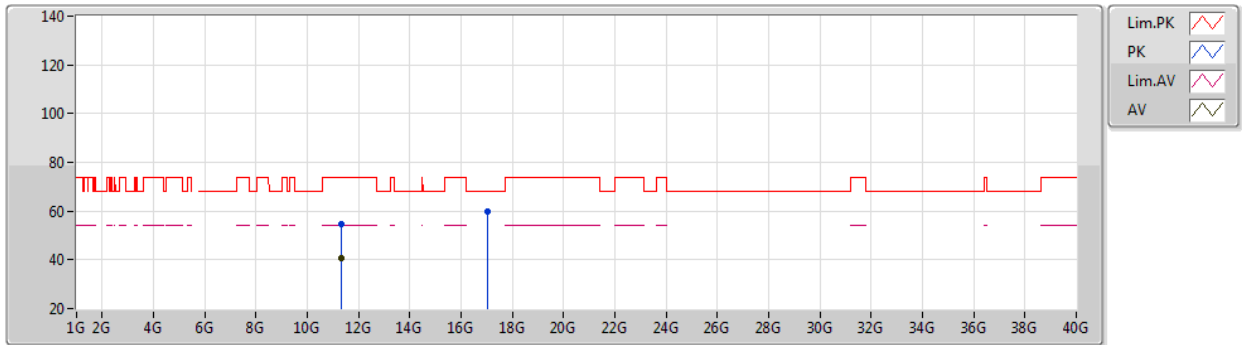
EUT\_Z\_4TX  
Setting 69  
01-D-G-2

| 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   | 11.33874G    | 54.14             | 74.00             | -19.86         | 41.40         | 3           | Vertical  | 296            | 2.04          | -       | 38.43      | 9.21       | 34.90      |
| AV   | 11.33786G    | 40.59             | 54.00             | -13.41         | 27.85         | 3           | Vertical  | 296            | 2.04          | -       | 38.43      | 9.21       | 34.90      |
| PK   | 17.00946G    | 60.42             | 68.20             | -7.78          | 42.74         | 3           | Vertical  | 166            | 1.43          | -       | 41.21      | 10.16      | 33.69      |

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

08/07/2020

## 5670MHz\_TX



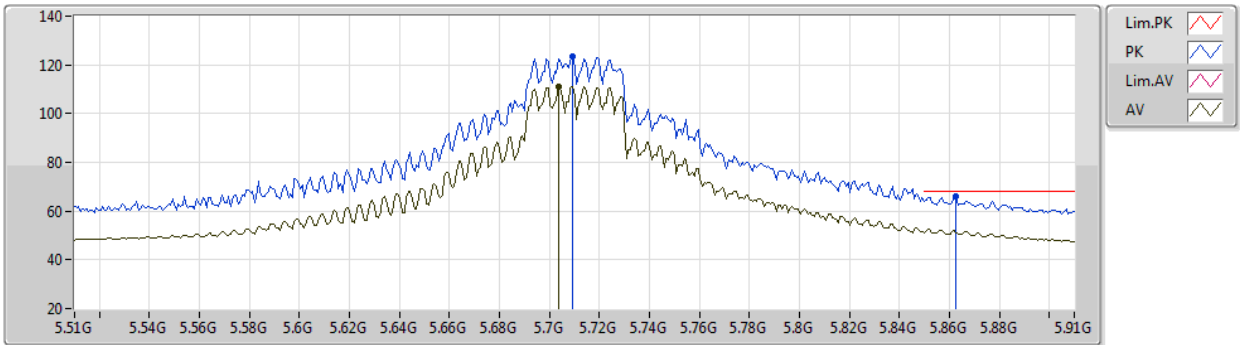
EUT\_Z\_4TX  
Setting 69  
01-D-G-2

| 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   | 11.33658G    | 54.56             | 74.00             | -19.44         | 41.82         | 3           | Horizontal | 344            | 2.56          | -       | 38.43      | 9.21       | 34.90      |
| AV   | 11.3354G     | 40.64             | 54.00             | -13.36         | 27.90         | 3           | Horizontal | 344            | 2.56          | -       | 38.43      | 9.21       | 34.90      |
| PK   | 17.0092G     | 60.05             | 68.20             | -8.15          | 42.37         | 3           | Horizontal | 259            | 1.14          | -       | 41.21      | 10.16      | 33.69      |

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

08/07/2020

## 5710MHz Straddle 5.47-5.725GHz\_TX

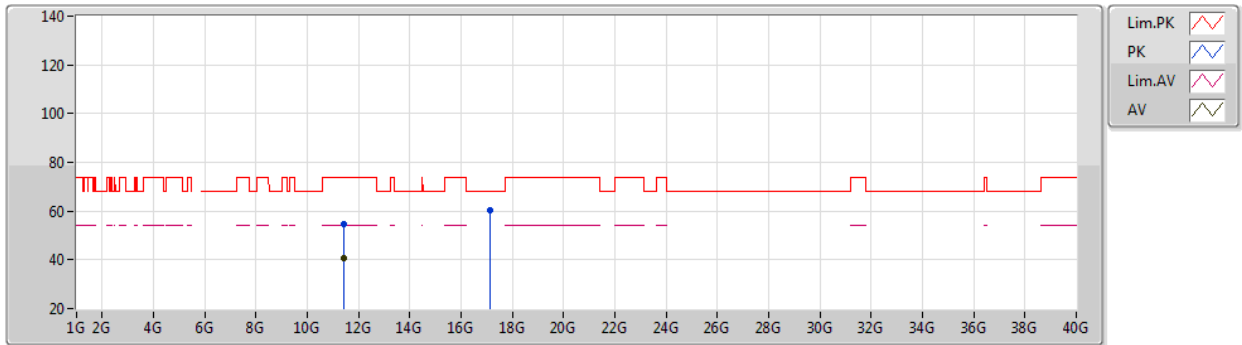


EUT\_Z\_4TX  
Setting 96  
06-F-S-5-10

| 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   | 5.7092G      | 123.66            | Inf               | -Inf           | 117.79        | 3           | Vertical  | 150            | 1.80          | -       | 31.74      | 5.90       | 31.77      |
| AV   | 5.7036G      | 110.97            | Inf               | -Inf           | 105.14        | 3           | Vertical  | 150            | 1.80          | -       | 31.71      | 5.89       | 31.77      |
| PK   | 5.8628G      | 66.16             | 68.20             | -2.04          | 59.59         | 3           | Vertical  | 150            | 1.80          | -       | 32.29      | 5.97       | 31.69      |

**802.11ax HEW40\_Nss1,(MCS0)\_4TX**  
**5710MHz Straddle 5.47-5.725GHz\_TX**

08/07/2020

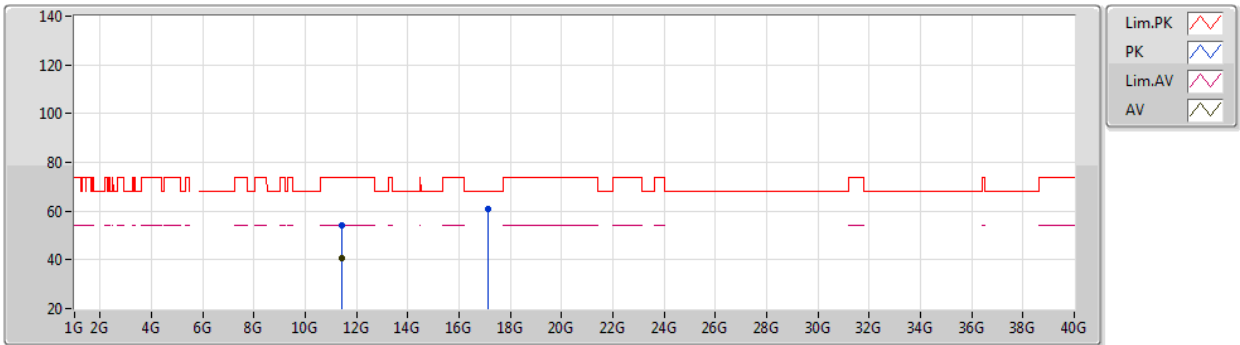


EUT\_Z\_4TX  
 Setting 96  
 01-D-G-2

| 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   | 11.41786G    | 54.52             | 74.00             | -19.48         | 41.77         | 3           | Vertical  | 330            | 1.44          | -       | 38.44      | 9.23       | 34.92      |
| AV   | 11.41828G    | 40.64             | 54.00             | -13.36         | 27.89         | 3           | Vertical  | 330            | 1.44          | -       | 38.44      | 9.23       | 34.92      |
| PK   | 17.12762G    | 60.60             | 68.20             | -7.60          | 42.70         | 3           | Vertical  | 116            | 2.72          | -       | 41.39      | 10.22      | 33.71      |

**802.11ax HEW40\_Nss1,(MCS0)\_4TX**  
**5710MHz Straddle 5.47-5.725GHz\_TX**

08/07/2020



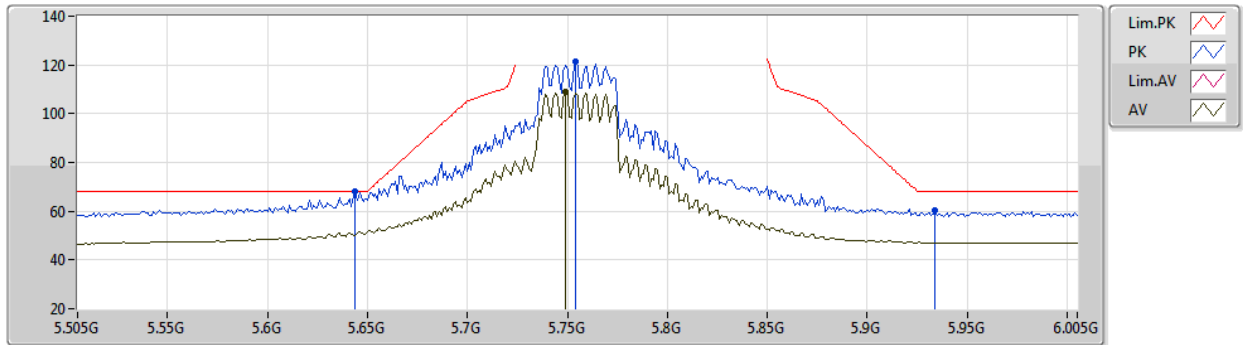
EUT\_Z\_4TX  
 Setting 96  
 01-D-G-2

| 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   | 11.4156G     | 54.18             | 74.00             | -19.82         | 41.43         | 3           | Horizontal | 104            | 2.98          | -       | 38.44      | 9.23       | 34.92      |
| AV   | 11.41888G    | 40.62             | 54.00             | -13.38         | 27.87         | 3           | Horizontal | 104            | 2.98          | -       | 38.44      | 9.23       | 34.92      |
| PK   | 17.13482G    | 61.04             | 68.20             | -7.16          | 43.13         | 3           | Horizontal | 244            | 2.07          | -       | 41.40      | 10.22      | 33.71      |

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

13/07/2020

## 5755MHz\_TX



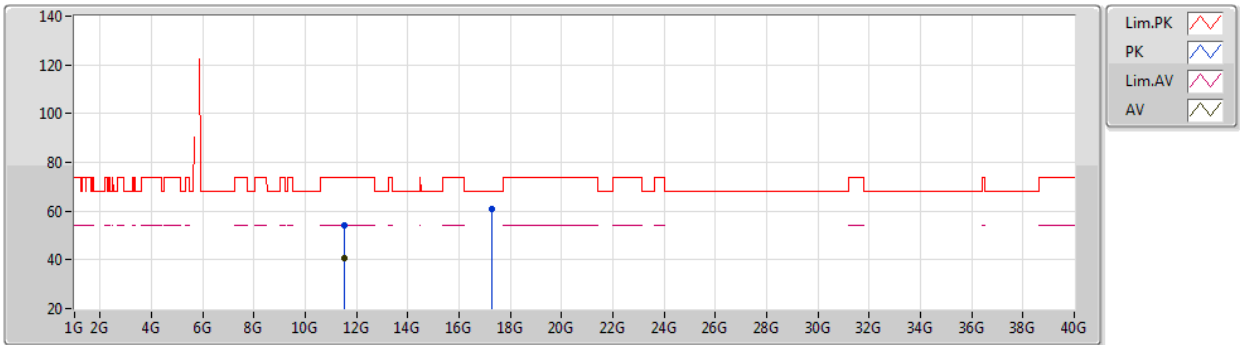
EUT\_Z\_4TX  
Setting 90  
04-E-P-2-10

| 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       | 68.15             | 68.20             | -0.05          | 62.08         | 3           | Vertical  | 153            | 1.80          | -       | 34.04      | 5.40       | 33.37      |
| PK   | 5.754G       | 121.55            | Inf               | -Inf           | 115.21        | 3           | Vertical  | 153            | 1.80          | -       | 34.21      | 5.48       | 33.35      |
| AV   | 5.749G       | 108.75            | Inf               | -Inf           | 102.43        | 3           | Vertical  | 153            | 1.80          | -       | 34.20      | 5.47       | 33.35      |
| PK   | 5.934G       | 60.19             | 68.20             | -8.01          | 52.86         | 3           | Vertical  | 153            | 1.80          | -       | 35.04      | 5.61       | 33.32      |

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

13/07/2020

## 5755MHz\_TX



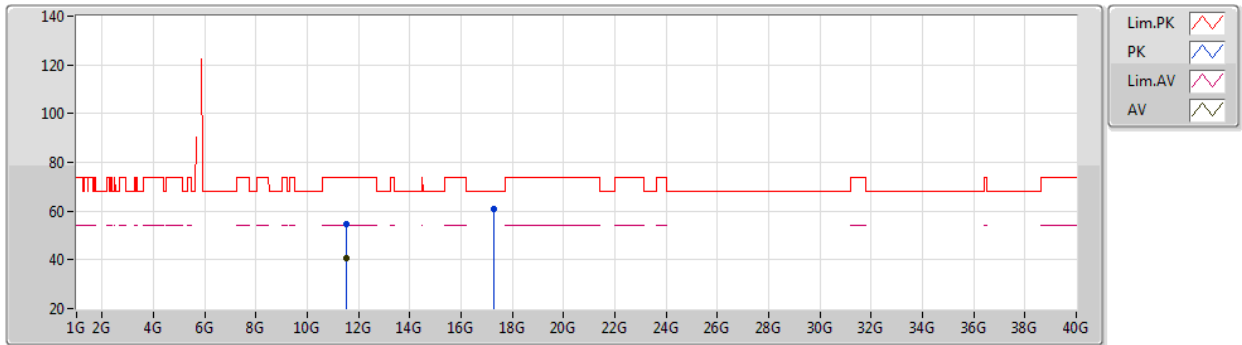
EUT\_Z\_4TX  
Setting 90  
01-D-G-2

| 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   | 11.51158G    | 54.17             | 74.00             | -19.83         | 41.39         | 3           | Vertical  | 234            | 2.65          | -       | 38.45      | 9.26       | 34.93      |
| AV   | 11.50636G    | 40.83             | 54.00             | -13.17         | 28.05         | 3           | Vertical  | 234            | 2.65          | -       | 38.45      | 9.26       | 34.93      |
| PK   | 17.26338G    | 61.09             | 68.20             | -7.11          | 42.94         | 3           | Vertical  | 269            | 2.64          | -       | 41.60      | 10.28      | 33.73      |

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

13/07/2020

## 5755MHz\_TX



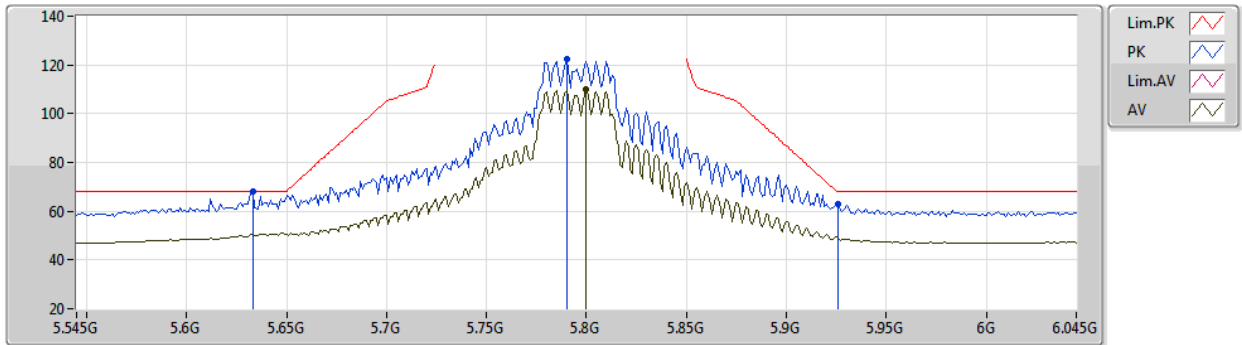
EUT\_Z\_4TX  
Setting 90  
01-D-G-2

| 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   | 11.5096G     | 54.58             | 74.00             | -19.42         | 41.80         | 3           | Horizontal | 267            | 2.41          | -       | 38.45      | 9.26       | 34.93      |
| AV   | 11.51002G    | 40.85             | 54.00             | -13.15         | 28.07         | 3           | Horizontal | 267            | 2.41          | -       | 38.45      | 9.26       | 34.93      |
| PK   | 17.265G      | 60.95             | 68.20             | -7.25          | 42.80         | 3           | Horizontal | 123            | 1.29          | -       | 41.60      | 10.28      | 33.73      |

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

13/07/2020

## 5795MHz\_TX



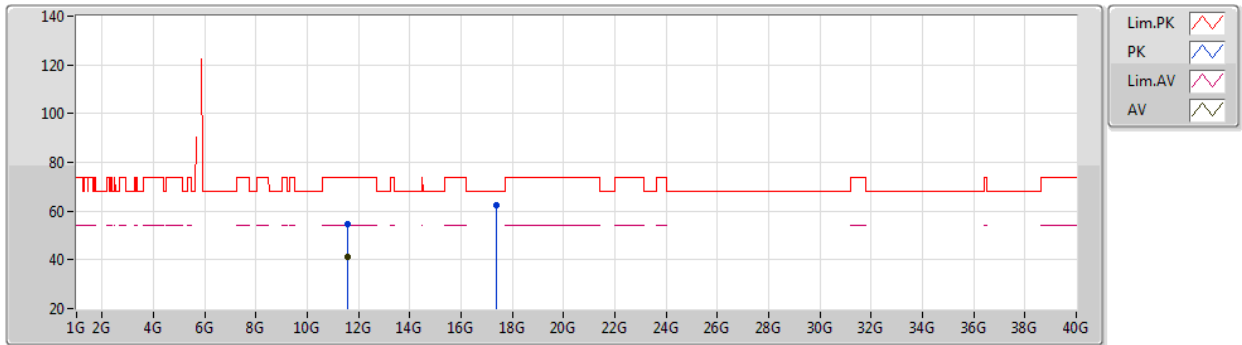
EUT\_Z\_4TX  
Setting 97  
04-E-P-2-10

| 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   | 5.633G       | 68.16             | 68.20             | -0.04          | 62.11         | 3           | Vertical  | 139            | 2.28          | -       | 34.03      | 5.39       | 33.37      |
| PK   | 5.79G        | 122.25            | Inf               | -Inf           | 115.81        | 3           | Vertical  | 139            | 2.28          | -       | 34.28      | 5.50       | 33.34      |
| AV   | 5.8G         | 109.83            | Inf               | -Inf           | 103.36        | 3           | Vertical  | 139            | 2.28          | -       | 34.30      | 5.51       | 33.34      |
| PK   | 5.926G       | 62.73             | 68.20             | -5.47          | 55.44         | 3           | Vertical  | 139            | 2.28          | -       | 35.00      | 5.61       | 33.32      |

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

13/07/2020

## 5795MHz\_TX



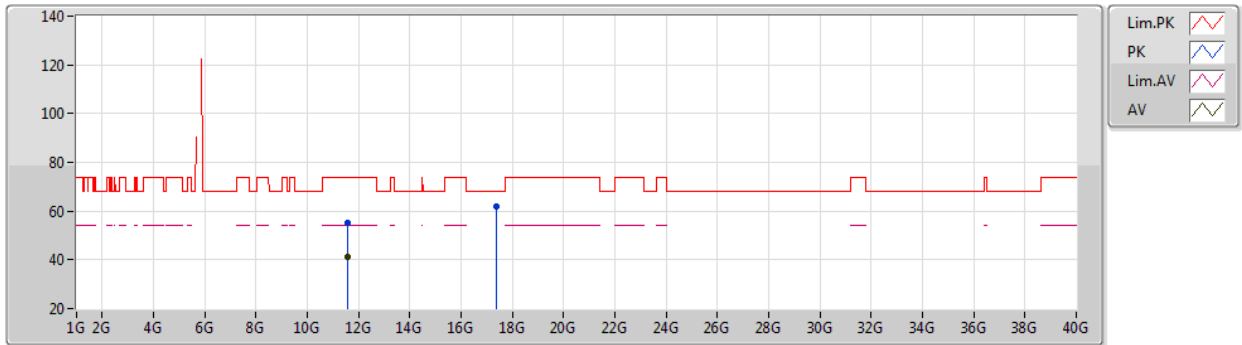
EUT\_Z\_4TX  
Setting 97  
01-D-G-2

| 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   | 11.5859G     | 54.59             | 74.00             | -19.41         | 41.79         | 3           | Vertical  | 74             | 1.41          | -       | 38.46      | 9.28       | 34.94      |
| AV   | 11.59094G    | 40.95             | 54.00             | -13.05         | 28.15         | 3           | Vertical  | 74             | 1.41          | -       | 38.46      | 9.28       | 34.94      |
| PK   | 17.38236G    | 62.60             | 68.20             | -5.60          | 44.25         | 3           | Vertical  | 281            | 1.80          | -       | 41.77      | 10.33      | 33.75      |

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

13/07/2020

## 5795MHz\_TX



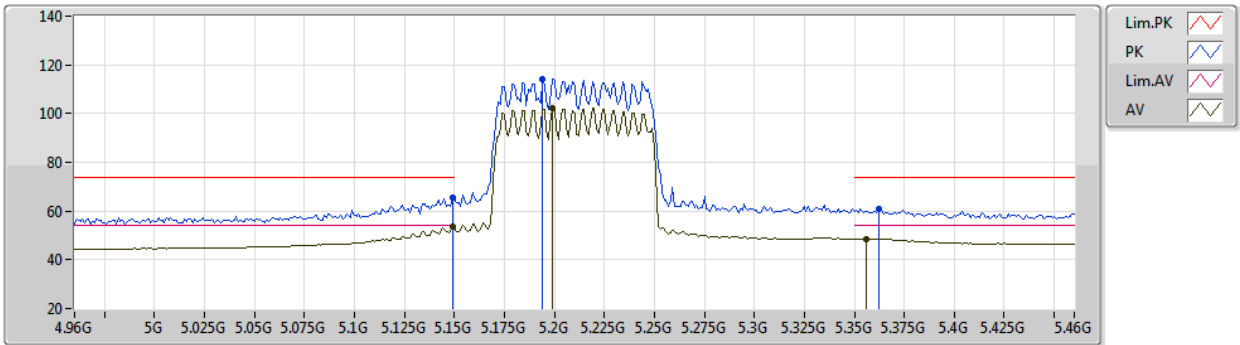
EUT\_Z\_4TX  
Setting 97  
01-D-G-2

| 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   | 11.59018G    | 55.17             | 74.00             | -18.83         | 42.37         | 3           | Horizontal | 166            | 1.08          | -       | 38.46      | 9.28       | 34.94      |
| AV   | 11.58952G    | 40.98             | 54.00             | -13.02         | 28.18         | 3           | Horizontal | 166            | 1.08          | -       | 38.46      | 9.28       | 34.94      |
| PK   | 17.38898G    | 61.91             | 68.20             | -6.29          | 43.55         | 3           | Horizontal | 267            | 1.31          | -       | 41.78      | 10.33      | 33.75      |

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

08/07/2020

## 5210MHz\_TX



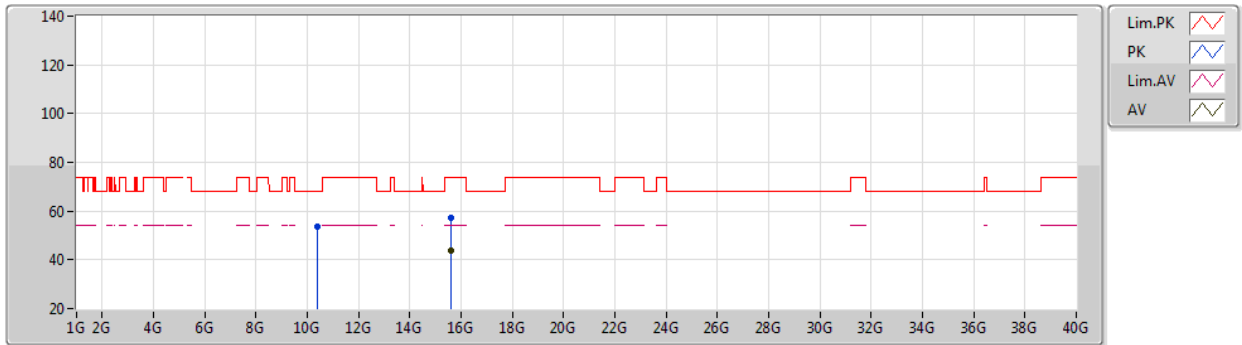
EUT\_Z\_4TX  
Setting 68  
04-E-P-2

| 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       | 65.74             | 74.00             | -8.26          | 60.96         | 3           | Vertical  | 79             | 1.44          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.149G       | 53.87             | 54.00             | -0.13          | 49.09         | 3           | Vertical  | 79             | 1.44          | -       | 33.05      | 5.10       | 33.37      |
| PK   | 5.194G       | 114.31            | Inf               | -Inf           | 109.47        | 3           | Vertical  | 79             | 1.44          | -       | 33.09      | 5.13       | 33.38      |
| AV   | 5.199G       | 102.37            | Inf               | -Inf           | 97.52         | 3           | Vertical  | 79             | 1.44          | -       | 33.10      | 5.13       | 33.38      |
| PK   | 5.362G       | 60.71             | 74.00             | -13.29         | 55.50         | 3           | Vertical  | 79             | 1.44          | -       | 33.39      | 5.21       | 33.39      |
| AV   | 5.356G       | 48.61             | 54.00             | -5.39          | 43.42         | 3           | Vertical  | 79             | 1.44          | -       | 33.37      | 5.21       | 33.39      |

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

08/07/2020

## 5210MHz\_TX



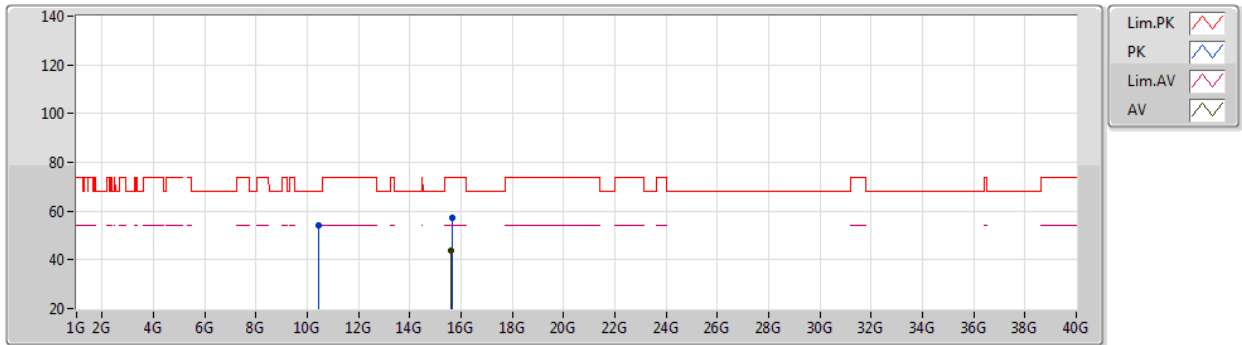
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 10.41546G    | 53.47             | 68.20             | -14.73         | 41.64         | 3           | Vertical  | 49             | 2.20          | -       | 38.22      | 8.93       | 35.32      |
| PK   | 15.62706G    | 57.49             | 74.00             | -16.51         | 43.90         | 3           | Vertical  | 196            | 2.66          | -       | 38.70      | 9.77       | 34.88      |
| AV   | 15.628G      | 43.60             | 54.00             | -10.40         | 30.01         | 3           | Vertical  | 196            | 2.66          | -       | 38.70      | 9.77       | 34.88      |

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

08/07/2020

## 5210MHz\_TX



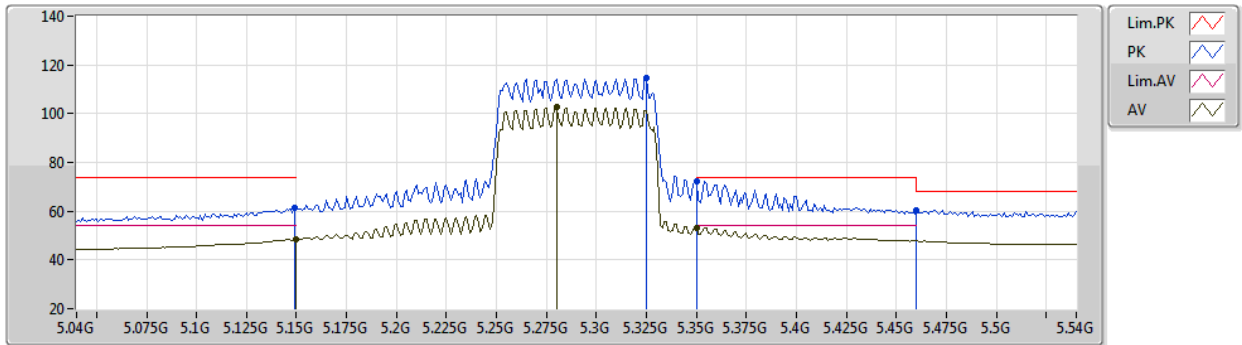
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 10.42332G    | 54.06             | 68.20             | -14.14         | 42.22         | 3           | Horizontal | 256            | 2.49          | -       | 38.23      | 8.93       | 35.32      |
| PK   | 15.63268G    | 57.10             | 74.00             | -16.90         | 43.52         | 3           | Horizontal | 222            | 2.37          | -       | 38.69      | 9.77       | 34.88      |
| AV   | 15.62738G    | 43.74             | 54.00             | -10.26         | 30.15         | 3           | Horizontal | 222            | 2.37          | -       | 38.70      | 9.77       | 34.88      |

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

08/07/2020

## 5290MHz\_TX



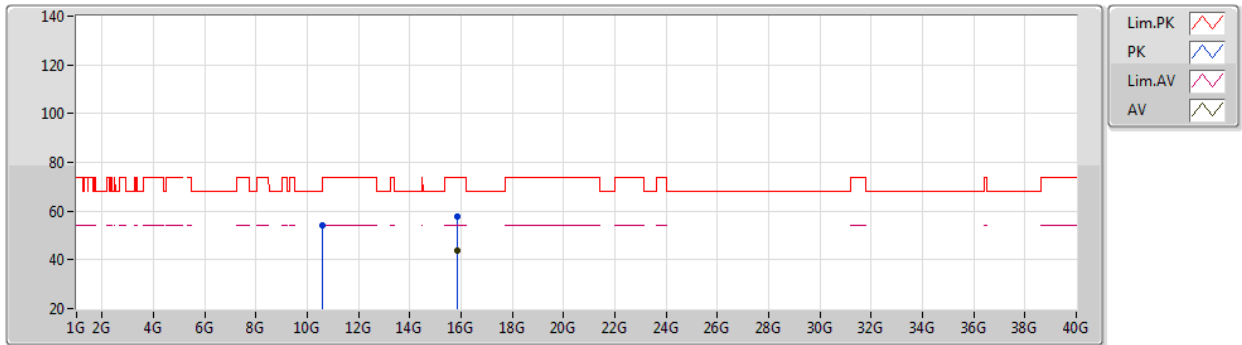
EUT Z\_4TX  
Setting 73  
04-E-P-2

| 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       | 61.51             | 74.00             | -12.49         | 56.73         | 3           | Vertical  | 85             | 1.52          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.15G        | 48.63             | 54.00             | -5.37          | 43.84         | 3           | Vertical  | 85             | 1.52          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.325G       | 114.56            | Inf               | -Inf           | 109.47        | 3           | Vertical  | 85             | 1.52          | -       | 33.28      | 5.19       | 33.38      |
| AV   | 5.28G        | 102.67            | Inf               | -Inf           | 97.70         | 3           | Vertical  | 85             | 1.52          | -       | 33.18      | 5.17       | 33.38      |
| PK   | 5.35G        | 72.22             | 74.00             | -1.78          | 67.05         | 3           | Vertical  | 85             | 1.52          | -       | 33.35      | 5.21       | 33.39      |
| AV   | 5.35G        | 53.31             | 54.00             | -0.69          | 48.14         | 3           | Vertical  | 85             | 1.52          | -       | 33.35      | 5.21       | 33.39      |
| PK   | 5.46G        | 60.42             | 68.20             | -7.78          | 54.86         | 3           | Vertical  | 85             | 1.52          | -       | 33.68      | 5.27       | 33.39      |

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

08/07/2020

## 5290MHz\_TX



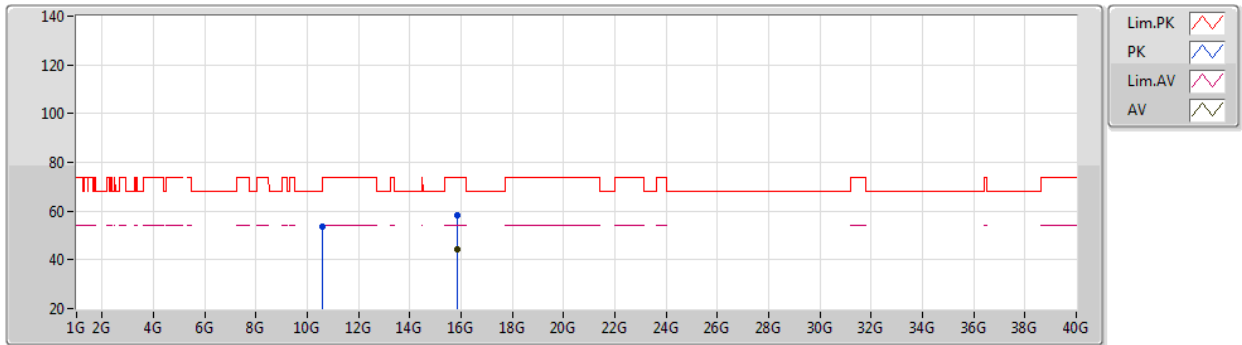
EUT\_Z\_4TX  
Setting 73  
01-D-G-2

| 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   | 10.58424G    | 54.08             | 68.20             | -14.12         | 42.01         | 3           | Vertical  | 297            | 1.35          | -       | 38.28      | 8.98       | 35.19      |
| PK   | 15.86734G    | 57.86             | 74.00             | -16.14         | 44.76         | 3           | Vertical  | 250            | 2.42          | -       | 38.51      | 9.73       | 35.14      |
| AV   | 15.86724G    | 43.97             | 54.00             | -10.03         | 30.87         | 3           | Vertical  | 250            | 2.42          | -       | 38.51      | 9.73       | 35.14      |

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

08/07/2020

### 5290MHz\_TX



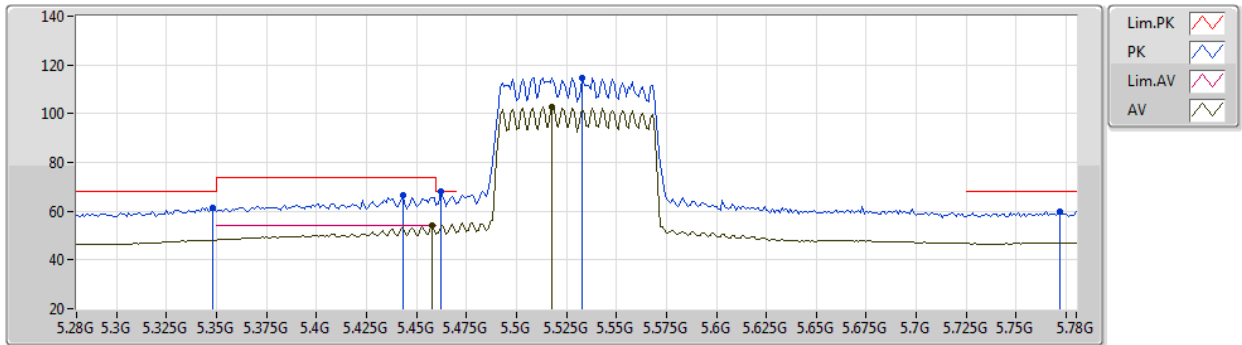
EUT\_Z\_4TX  
Setting 73  
01-D-G-2

| 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   | 10.58472G    | 53.87             | 68.20             | -14.33         | 41.80         | 3           | Horizontal | 276            | 1.29          | -       | 38.28      | 8.98       | 35.19      |
| PK   | 15.86762G    | 58.25             | 74.00             | -15.75         | 45.15         | 3           | Horizontal | 163            | 2.48          | -       | 38.51      | 9.73       | 35.14      |
| AV   | 15.86956G    | 44.40             | 54.00             | -9.60          | 31.33         | 3           | Horizontal | 163            | 2.48          | -       | 38.50      | 9.72       | 35.15      |

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

08/07/2020

## 5530MHz\_TX



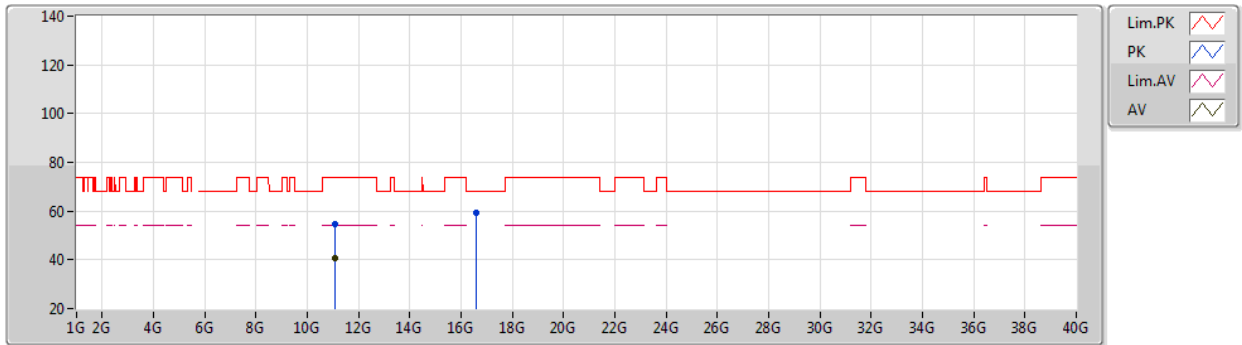
EUT\_Z\_4TX  
Setting 68  
06-E-S-5

| 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   | 5.348G       | 61.60             | 68.20             | -6.60          | 56.28         | 3           | Vertical  | 94             | 1.59          | -       | 31.34      | 5.75       | 31.77      |
| PK   | 5.443G       | 66.32             | 74.00             | -7.68          | 60.67         | 3           | Vertical  | 94             | 1.59          | -       | 31.69      | 5.80       | 31.84      |
| PK   | 5.462G       | 68.02             | 68.20             | -0.18          | 62.35         | 3           | Vertical  | 94             | 1.59          | -       | 31.72      | 5.80       | 31.85      |
| AV   | 5.458G       | 53.95             | 54.00             | -0.05          | 48.27         | 3           | Vertical  | 94             | 1.59          | -       | 31.72      | 5.80       | 31.84      |
| PK   | 5.533G       | 114.86            | Inf               | -Inf           | 109.18        | 3           | Vertical  | 94             | 1.59          | -       | 31.73      | 5.80       | 31.85      |
| AV   | 5.518G       | 102.82            | Inf               | -Inf           | 97.12         | 3           | Vertical  | 94             | 1.59          | -       | 31.76      | 5.80       | 31.86      |
| PK   | 5.772G       | 59.99             | 68.20             | -8.21          | 53.77         | 3           | Vertical  | 94             | 1.59          | -       | 31.99      | 5.97       | 31.74      |

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

08/07/2020

## 5530MHz\_TX



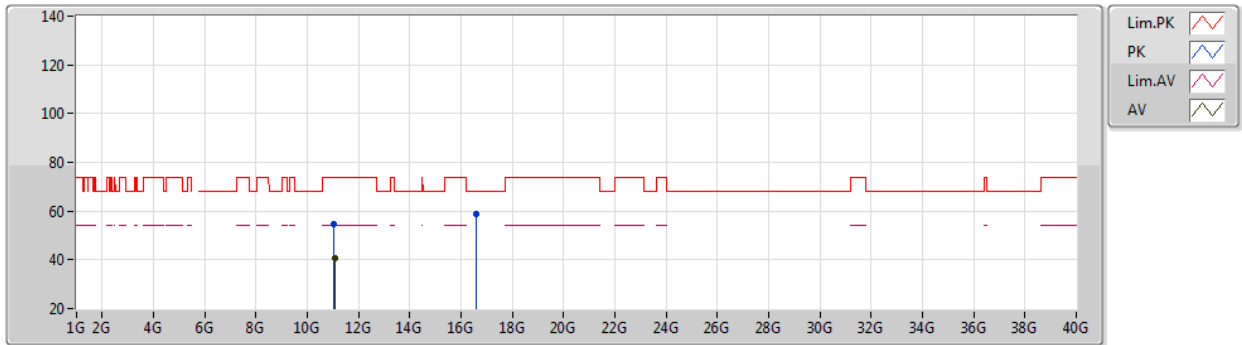
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 11.06274G    | 54.51             | 74.00             | -19.49         | 41.83         | 3           | Vertical  | 194            | 1.90          | -       | 38.41      | 9.13       | 34.86      |
| AV   | 11.05826G    | 40.86             | 54.00             | -13.14         | 28.18         | 3           | Vertical  | 194            | 1.90          | -       | 38.41      | 9.13       | 34.86      |
| PK   | 16.59118G    | 59.40             | 68.20             | -8.80          | 43.71         | 3           | Vertical  | 232            | 1.59          | -       | 40.06      | 9.97       | 34.34      |

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

08/07/2020

## 5530MHz\_TX



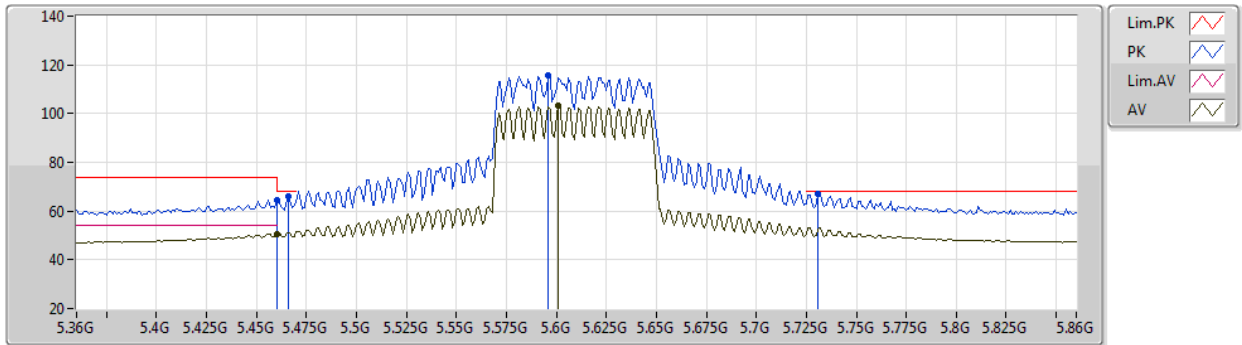
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 11.05586G    | 54.88             | 74.00             | -19.12         | 42.20         | 3           | Horizontal | 141            | 1.35          | -       | 38.41      | 9.13       | 34.86      |
| AV   | 11.06086G    | 40.82             | 54.00             | -13.18         | 28.14         | 3           | Horizontal | 141            | 1.35          | -       | 38.41      | 9.13       | 34.86      |
| PK   | 16.59038G    | 58.94             | 68.20             | -9.26          | 43.27         | 3           | Horizontal | 174            | 2.67          | -       | 40.05      | 9.97       | 34.35      |

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

08/07/2020

## 5610MHz\_TX



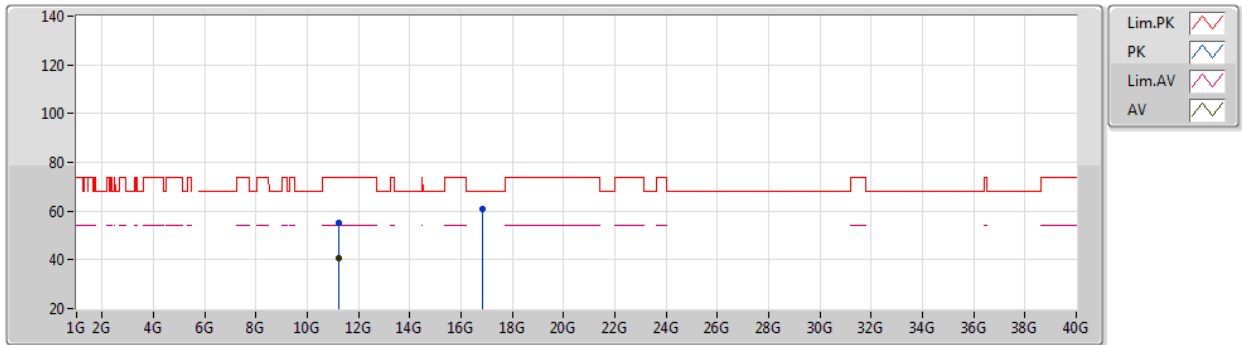
EUT Z\_4TX  
Setting 77  
06-E-S-5

| 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   | 5.46G        | 64.41             | 74.00             | -9.59          | 58.74         | 3           | Vertical  | 102            | 1.80          | -       | 31.72      | 5.80       | 31.85      |
| AV   | 5.46G        | 50.76             | 54.00             | -3.24          | 45.09         | 3           | Vertical  | 102            | 1.80          | -       | 31.72      | 5.80       | 31.85      |
| PK   | 5.466G       | 65.91             | 68.20             | -2.29          | 60.23         | 3           | Vertical  | 102            | 1.80          | -       | 31.73      | 5.80       | 31.85      |
| PK   | 5.596G       | 115.90            | Inf               | -Inf           | 110.31        | 3           | Vertical  | 102            | 1.80          | -       | 31.61      | 5.80       | 31.82      |
| AV   | 5.601G       | 103.05            | Inf               | -Inf           | 97.47         | 3           | Vertical  | 102            | 1.80          | -       | 31.60      | 5.80       | 31.82      |
| PK   | 5.731G       | 67.04             | 68.20             | -1.16          | 61.06         | 3           | Vertical  | 102            | 1.80          | -       | 31.82      | 5.92       | 31.76      |

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

08/07/2020

## 5610MHz\_TX



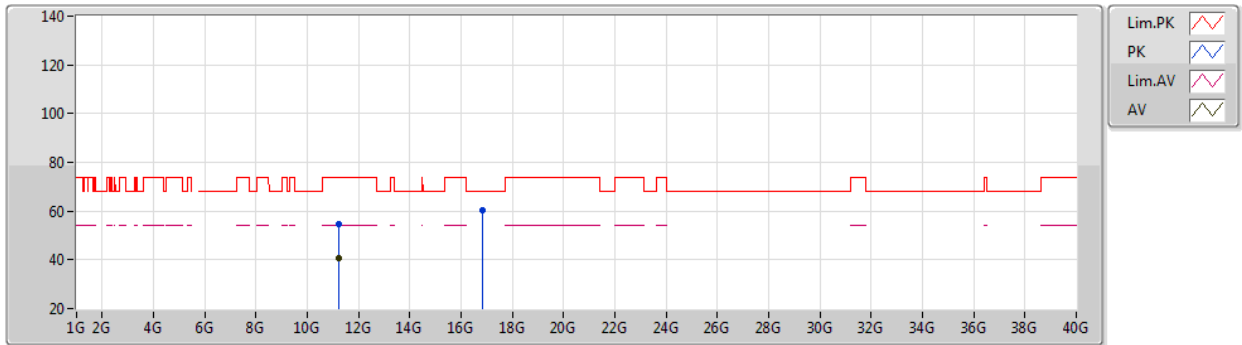
EUT\_Z\_4TX  
Setting 77  
01-D-G-2

| 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   | 11.225G      | 55.27             | 74.00             | -18.73         | 42.56         | 3           | Vertical  | 205            | 2.05          | -       | 38.42      | 9.18       | 34.89      |  |
| AV   | 11.21886G    | 40.80             | 54.00             | -13.20         | 28.10         | 3           | Vertical  | 205            | 2.05          | -       | 38.42      | 9.17       | 34.89      |  |
| PK   | 16.83272G    | 61.06             | 68.20             | -7.14          | 44.21         | 3           | Vertical  | 76             | 2.57          | -       | 40.73      | 10.08      | 33.96      |  |

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

08/07/2020

## 5610MHz\_TX



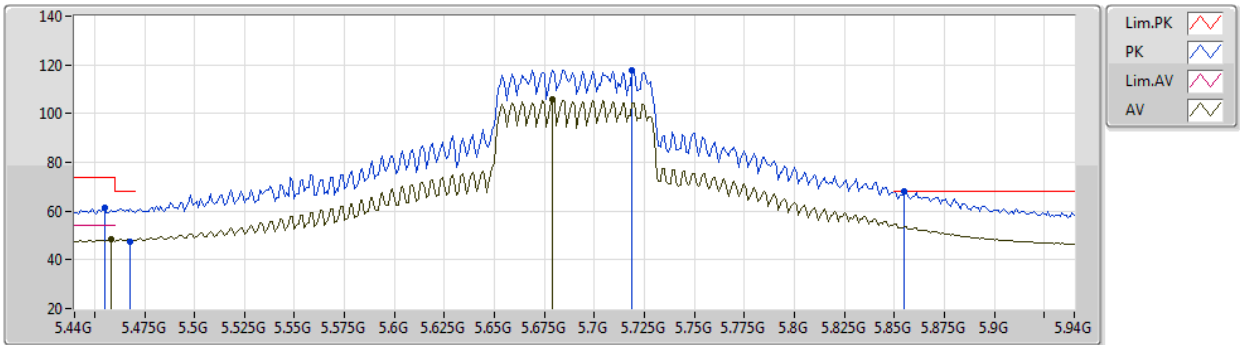
EUT\_Z\_4TX  
Setting 77  
01-D-G-2

| 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   | 11.21602G    | 54.58             | 74.00             | -19.42         | 41.87         | 3           | Horizontal | 355            | 1.62          | -       | 38.42      | 9.17       | 34.88      |
| AV   | 11.22246G    | 40.78             | 54.00             | -13.22         | 28.08         | 3           | Horizontal | 355            | 1.62          | -       | 38.42      | 9.17       | 34.89      |
| PK   | 16.82864G    | 60.15             | 68.20             | -8.05          | 43.31         | 3           | Horizontal | 303            | 2.70          | -       | 40.72      | 10.08      | 33.96      |

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

08/07/2020

## 5690MHz Straddle 5.47-5.725GHz\_TX



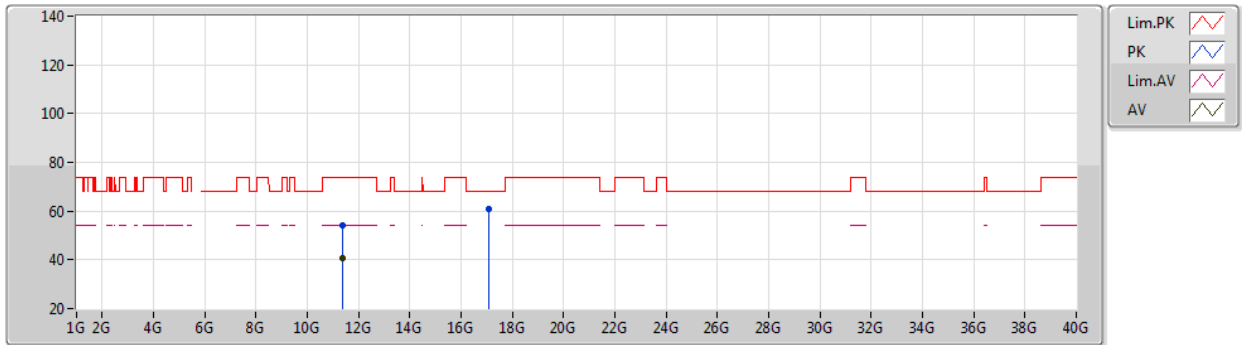
EUT Z\_4TX  
Setting 86  
06-E-S-5

| 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   | 5.455G       | 61.25             | 74.00             | -12.75         | 55.58         | 3           | Vertical  | 152            | 1.78          | -       | 31.71      | 5.80       | 31.84      |
| AV   | 5.458G       | 48.32             | 54.00             | -5.68          | 42.64         | 3           | Vertical  | 152            | 1.78          | -       | 31.72      | 5.80       | 31.84      |
| PK   | 5.468G       | 47.65             | 68.20             | -7.27          | 55.24         | 3           | Vertical  | 152            | 1.78          | -       | 31.74      | 5.80       | 31.85      |
| PK   | 5.719G       | 117.98            | Inf               | -Inf           | 112.05        | 3           | Vertical  | 152            | 1.78          | -       | 31.78      | 5.91       | 31.76      |
| AV   | 5.679G       | 105.65            | Inf               | -Inf           | 99.88         | 3           | Vertical  | 152            | 1.78          | -       | 31.68      | 5.87       | 31.78      |
| PK   | 5.855G       | 68.07             | 68.20             | -0.13          | 61.53         | 3           | Vertical  | 152            | 1.78          | -       | 32.27      | 5.97       | 31.70      |

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

08/07/2020

## 5690MHz Straddle 5.47-5.725GHz\_TX



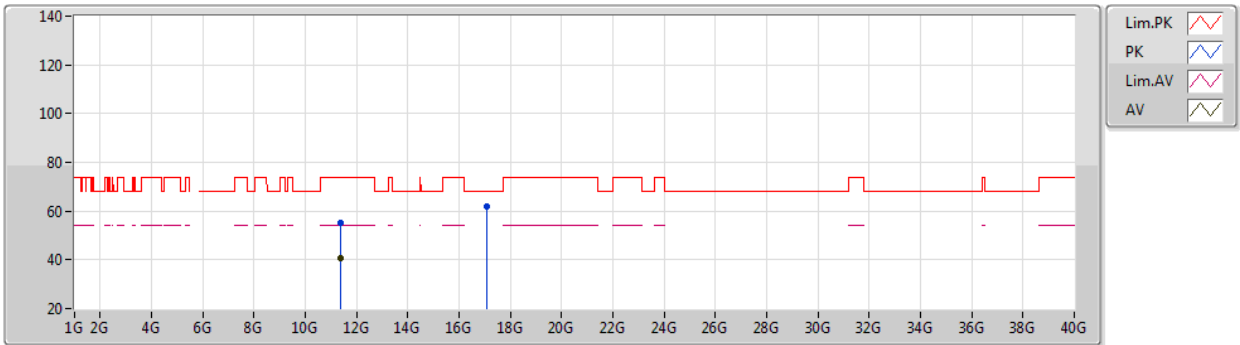
EUT\_Z\_4TX  
Setting 86  
01-D-G-2

| 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   | 11.37658G    | 54.04             | 74.00             | -19.96         | 41.29         | 3           | Vertical  | 96             | 2.41          | -       | 38.44      | 9.22       | 34.91      |
| AV   | 11.37604G    | 40.59             | 54.00             | -13.41         | 27.84         | 3           | Vertical  | 96             | 2.41          | -       | 38.44      | 9.22       | 34.91      |
| PK   | 17.07416G    | 61.00             | 68.20             | -7.20          | 43.20         | 3           | Vertical  | 232            | 1.11          | -       | 41.31      | 10.19      | 33.70      |

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

08/07/2020

## 5690MHz Straddle 5.47-5.725GHz\_TX



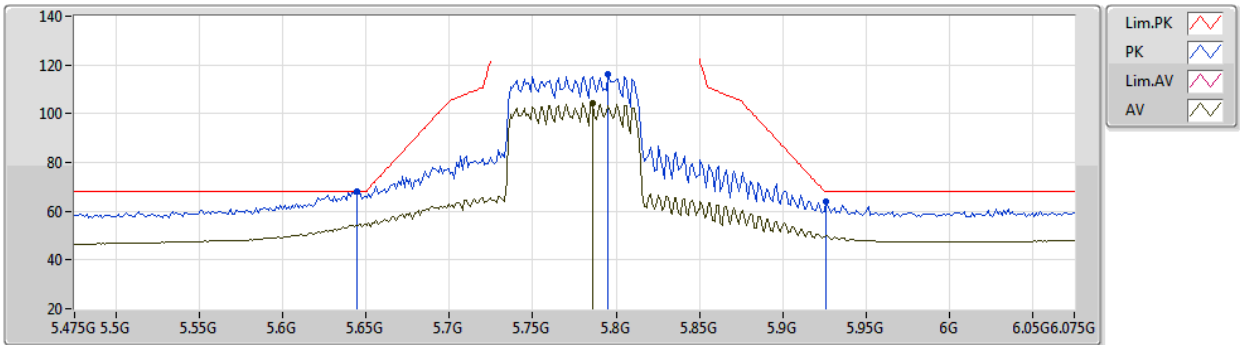
EUT\_Z\_4TX  
Setting 86  
01-D-G-2

| 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   | 11.38284G    | 55.09             | 74.00             | -18.91         | 42.34         | 3           | Horizontal | 299            | 1.82          | -       | 38.44      | 9.22       | 34.91      |
| AV   | 11.37954G    | 40.66             | 54.00             | -13.34         | 27.91         | 3           | Horizontal | 299            | 1.82          | -       | 38.44      | 9.22       | 34.91      |
| PK   | 17.06852G    | 61.68             | 68.20             | -6.52          | 43.89         | 3           | Horizontal | 242            | 2.11          | -       | 41.30      | 10.19      | 33.70      |

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

08/07/2020

## 5775MHz\_TX



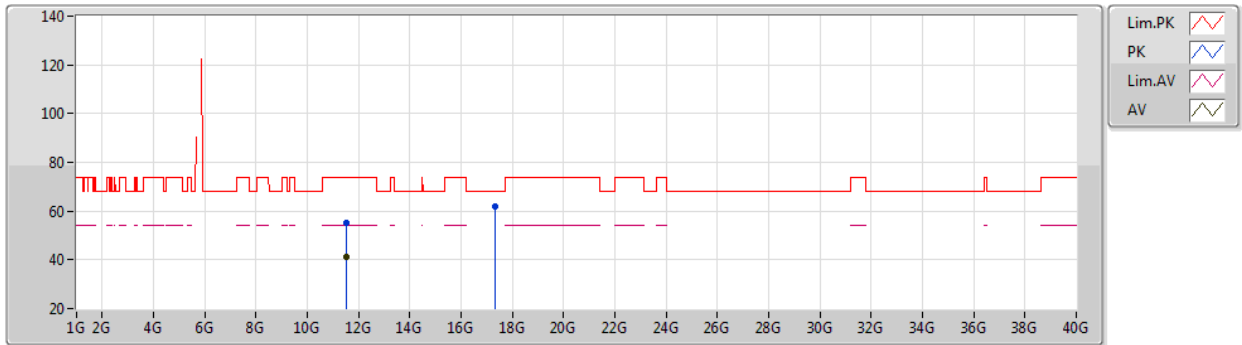
EUT\_Z\_4TX  
Setting 80  
04-E-P-2

| 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   | 5.6442G      | 67.92             | 68.20             | -0.28          | 61.85         | 3           | Vertical  | 156            | 1.76          | -       | 34.04      | 5.40       | 33.37      |
| PK   | 5.7954G      | 116.18            | Inf               | -Inf           | 109.72        | 3           | Vertical  | 156            | 1.76          | -       | 34.29      | 5.51       | 33.34      |
| AV   | 5.7858G      | 104.38            | Inf               | -Inf           | 97.95         | 3           | Vertical  | 156            | 1.76          | -       | 34.27      | 5.50       | 33.34      |
| PK   | 5.9262G      | 64.18             | 68.20             | -4.02          | 56.89         | 3           | Vertical  | 156            | 1.76          | -       | 35.00      | 5.61       | 33.32      |

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

08/07/2020

## 5775MHz\_TX



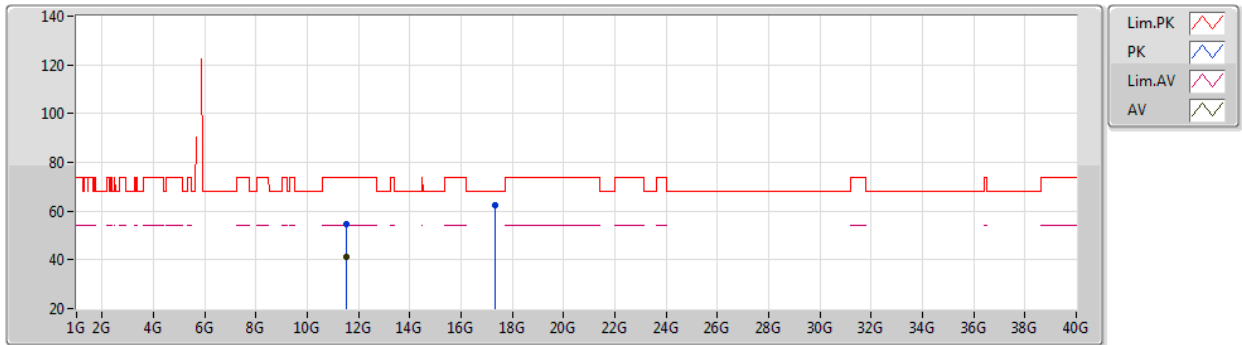
EUT\_Z\_4TX  
Setting 80  
01-D-G-2

| 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   | 11.54824G    | 55.24             | 74.00             | -18.76         | 42.46         | 3           | Vertical  | 193            | 1.03          | -       | 38.45      | 9.27       | 34.94      |
| AV   | 11.54766G    | 40.98             | 54.00             | -13.02         | 28.20         | 3           | Vertical  | 193            | 1.03          | -       | 38.45      | 9.27       | 34.94      |
| PK   | 17.32244G    | 62.11             | 68.20             | -6.09          | 43.87         | 3           | Vertical  | 63             | 1.77          | -       | 41.68      | 10.30      | 33.74      |

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

08/07/2020

## 5775MHz\_TX



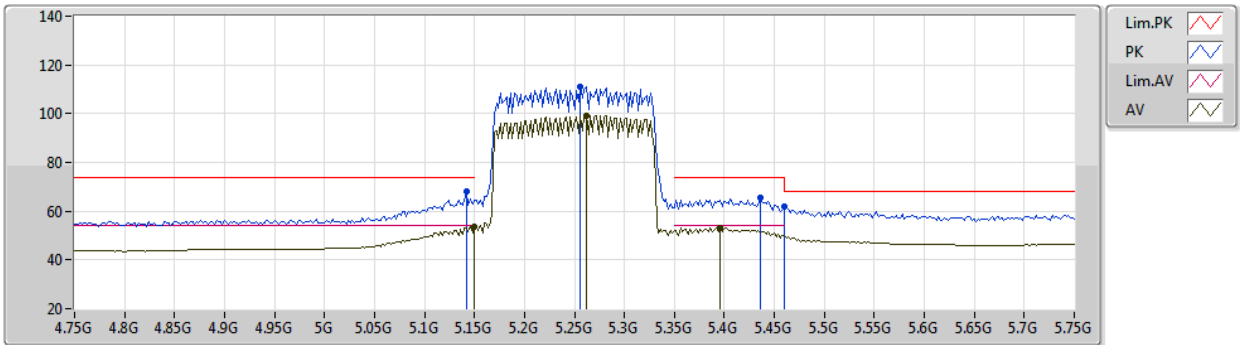
EUT\_Z\_4TX  
Setting 80  
01-D-G-2

| 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   | 11.54724G    | 54.46             | 74.00             | -19.54         | 41.68         | 3           | Horizontal | 25             | 1.35          | -       | 38.45      | 9.27       | 34.94      |
| AV   | 11.54842G    | 40.99             | 54.00             | -13.01         | 28.21         | 3           | Horizontal | 25             | 1.35          | -       | 38.45      | 9.27       | 34.94      |
| PK   | 17.32388G    | 62.48             | 68.20             | -5.72          | 44.23         | 3           | Horizontal | 12             | 2.52          | -       | 41.69      | 10.30      | 33.74      |

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

08/07/2020

## 5250MHz Straddle 5.25-5.35GHz\_TX



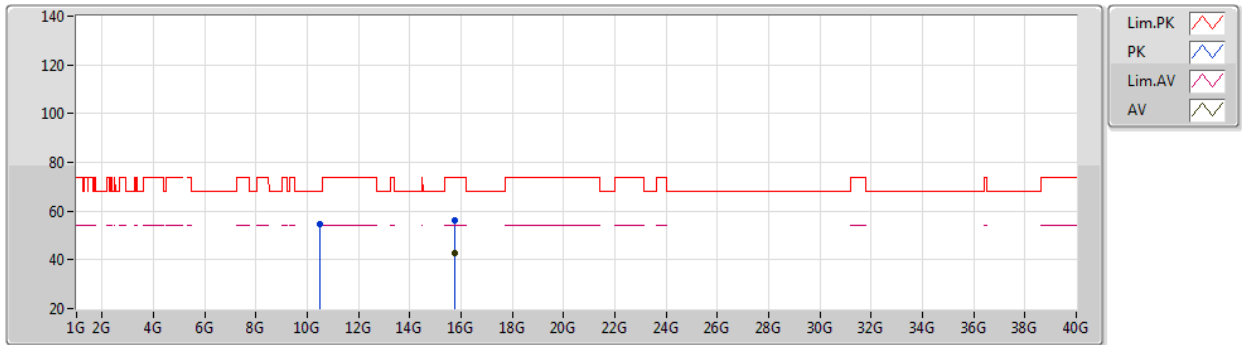
EUT\_Z\_4TX  
Setting 70  
04-E-P-2

| 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   | 5.142G       | 67.97             | 74.00             | -6.03          | 63.20         | 3           | Vertical  | 101            | 1.70          | -       | 33.04      | 5.10       | 33.37      |
| AV   | 5.15G        | 53.86             | 54.00             | -0.14          | 49.07         | 3           | Vertical  | 101            | 1.70          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.256G       | 111.15            | Inf               | -Inf           | 106.21        | 3           | Vertical  | 101            | 1.70          | -       | 33.16      | 5.16       | 33.38      |
| AV   | 5.262G       | 99.38             | Inf               | -Inf           | 94.44         | 3           | Vertical  | 101            | 1.70          | -       | 33.16      | 5.16       | 33.38      |
| PK   | 5.436G       | 65.73             | 74.00             | -8.27          | 60.26         | 3           | Vertical  | 101            | 1.70          | -       | 33.61      | 5.25       | 33.39      |
| AV   | 5.396G       | 53.07             | 54.00             | -0.93          | 47.74         | 3           | Vertical  | 101            | 1.70          | -       | 33.49      | 5.23       | 33.39      |
| PK   | 5.46G        | 61.94             | 68.20             | -6.26          | 56.38         | 3           | Vertical  | 101            | 1.70          | -       | 33.68      | 5.27       | 33.39      |

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

08/07/2020

## 5250MHz Straddle 5.25-5.35GHz\_TX



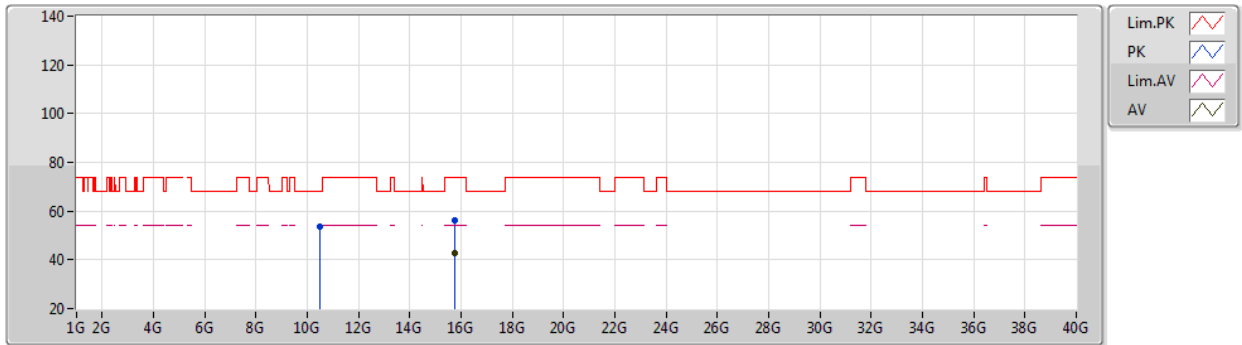
EUT\_Z\_4TX  
Setting 70  
01-D-G-2

| 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   | 10.5047G     | 54.43             | 68.20             | -13.77         | 42.47         | 3           | Vertical  | 232            | 2.03          | -       | 38.25      | 8.96       | 35.25      |
| PK   | 15.7471G     | 56.19             | 74.00             | -17.81         | 42.85         | 3           | Vertical  | 297            | 1.44          | -       | 38.60      | 9.75       | 35.01      |
| AV   | 15.75486G    | 42.69             | 54.00             | -11.31         | 29.36         | 3           | Vertical  | 297            | 1.44          | -       | 38.60      | 9.75       | 35.02      |

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

08/07/2020

## 5250MHz Straddle 5.25-5.35GHz\_TX



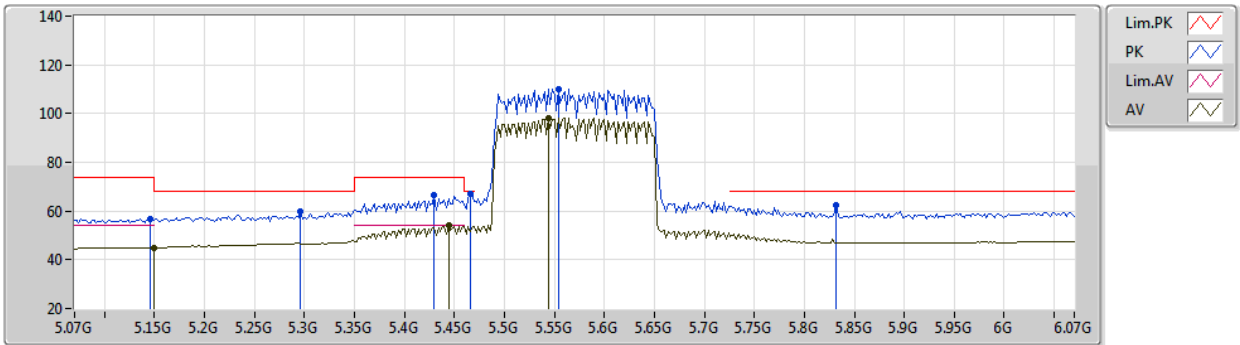
EUT\_Z\_4TX  
Setting 70  
01-D-G-2

| 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   | 10.49668G    | 53.76             | 68.20             | -14.44         | 41.82         | 3           | Horizontal | 6              | 2.00          | -       | 38.25      | 8.95       | 35.26      |
| PK   | 15.7524G     | 56.42             | 74.00             | -17.58         | 43.09         | 3           | Horizontal | 305            | 2.52          | -       | 38.60      | 9.75       | 35.02      |
| AV   | 15.75216G    | 42.88             | 54.00             | -11.12         | 29.54         | 3           | Horizontal | 305            | 2.52          | -       | 38.60      | 9.75       | 35.01      |

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

08/07/2020

## 5570MHz\_TX



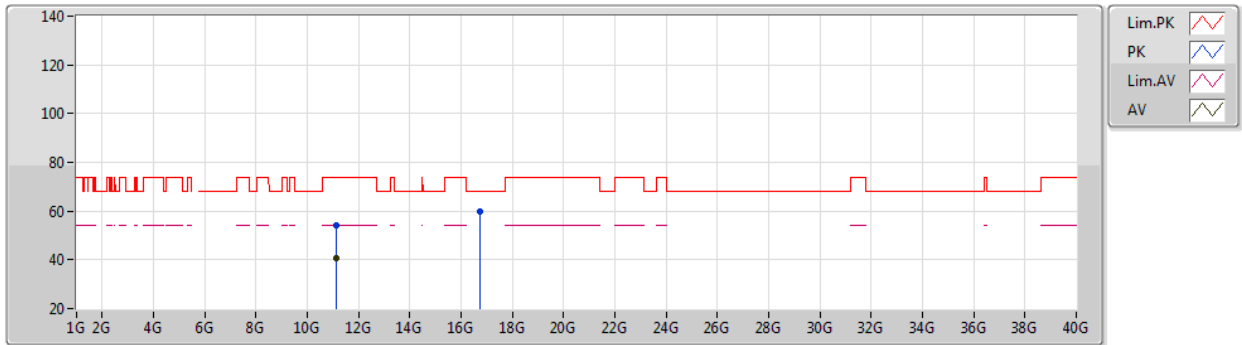
EUT Z\_4TX  
Setting 68  
04-E-P-2

| 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   | 5.146G       | 56.84             | 74.00             | -17.16         | 52.06         | 3           | Vertical  | 109            | 1.50          | -       | 33.05      | 5.10       | 33.37      |
| AV   | 5.15G        | 44.85             | 54.00             | -9.15          | 40.06         | 3           | Vertical  | 109            | 1.50          | -       | 33.05      | 5.11       | 33.37      |
| PK   | 5.296G       | 60.00             | 68.20             | -8.20          | 55.00         | 3           | Vertical  | 109            | 1.50          | -       | 33.20      | 5.18       | 33.38      |
| PK   | 5.43G        | 66.58             | 74.00             | -7.42          | 61.13         | 3           | Vertical  | 109            | 1.50          | -       | 33.59      | 5.25       | 33.39      |
| AV   | 5.444G       | 53.91             | 54.00             | -0.09          | 48.41         | 3           | Vertical  | 109            | 1.50          | -       | 33.63      | 5.26       | 33.39      |
| PK   | 5.466G       | 66.96             | 68.20             | -1.24          | 61.38         | 3           | Vertical  | 109            | 1.50          | -       | 33.70      | 5.27       | 33.39      |
| PK   | 5.554G       | 110.16            | Inf               | -Inf           | 104.30        | 3           | Vertical  | 109            | 1.50          | -       | 33.91      | 5.33       | 33.38      |
| AV   | 5.544G       | 98.22             | Inf               | -Inf           | 92.39         | 3           | Vertical  | 109            | 1.50          | -       | 33.89      | 5.32       | 33.38      |
| PK   | 5.832G       | 62.39             | 68.20             | -5.81          | 55.69         | 3           | Vertical  | 109            | 1.50          | -       | 34.49      | 5.54       | 33.33      |

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

08/07/2020

## 5570MHz\_TX



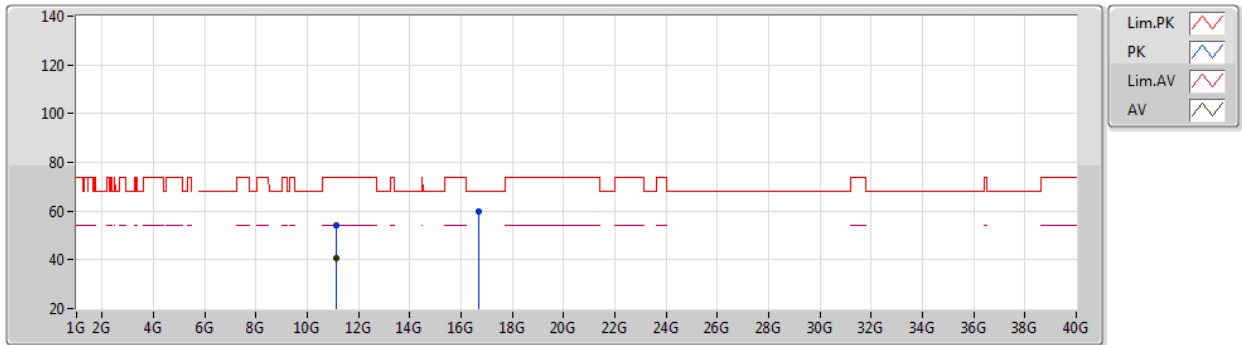
EUT\_Z\_4TX  
Setting 68  
01-D-G-2

| 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   | 11.14272G    | 54.23             | 74.00             | -19.77         | 41.54         | 3           | Vertical  | 238            | 1.83          | -       | 38.41      | 9.15       | 34.87      |
| AV   | 11.1393G     | 40.72             | 54.00             | -13.28         | 28.03         | 3           | Vertical  | 238            | 1.83          | -       | 38.41      | 9.15       | 34.87      |
| PK   | 16.71486G    | 59.78             | 68.20             | -8.42          | 43.50         | 3           | Vertical  | 311            | 2.84          | -       | 40.40      | 10.03      | 34.15      |

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

08/07/2020

## 5570MHz\_TX



EUT\_Z\_4TX  
Setting 68  
01-D-G-2

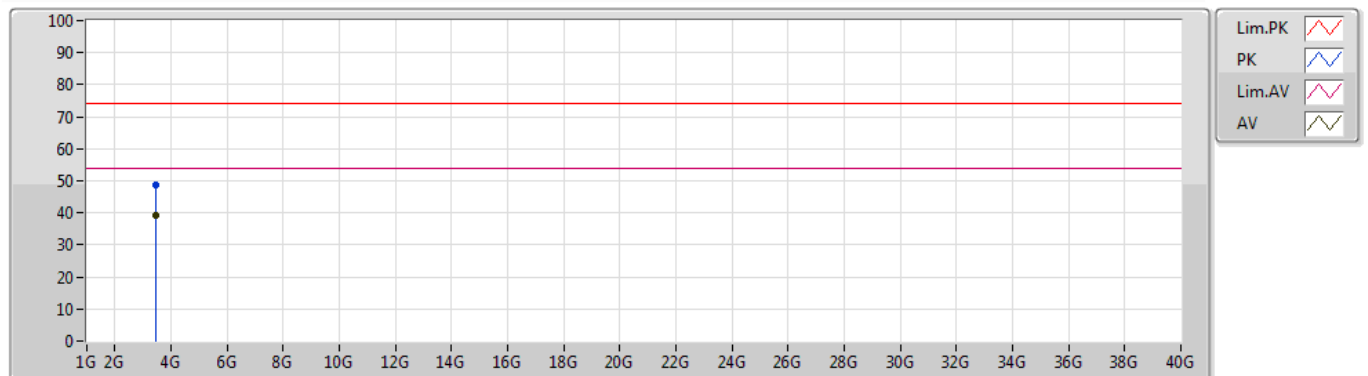
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK   | 11.14046G    | 54.38             | 74.00             | -19.62         | 41.69         | 3           | Horizontal | 147            | 1.25          | -       | 38.41      | 9.15       | 34.87      |
| AV   | 11.14422G    | 40.75             | 54.00             | -13.25         | 28.06         | 3           | Horizontal | 147            | 1.25          | -       | 38.41      | 9.15       | 34.87      |
| PK   | 16.70962G    | 59.95             | 68.20             | -8.25          | 43.68         | 3           | Horizontal | 39             | 1.78          | -       | 40.39      | 10.03      | 34.15      |



**Summary**

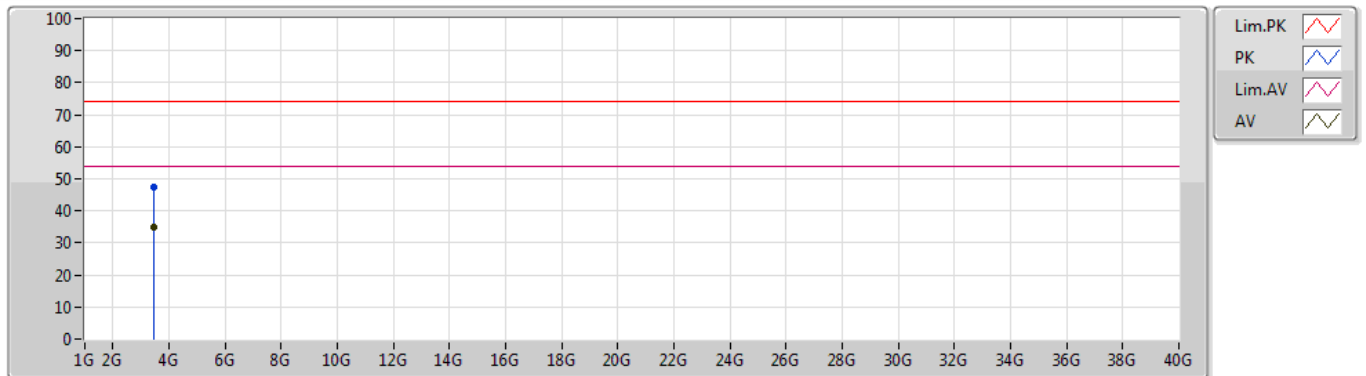
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-------------------|-------------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 3.46665G     | 39.29             | 54.00             | -14.71         | 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)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 3.46657G | 48.61    | 74.00    | -25.39 | 2.16   | 3    | Vertical  | 0       | 0.00   | -       | 46.45  | 30.27 | 4.73 | 32.84 |
| AV   | 3.46665G | 39.29    | 54.00    | -14.71 | 2.16   | 3    | Vertical  | 0       | 0.00   | "Worst" | 37.13  | 30.27 | 4.73 | 32.84 |

## 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)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| PK   | 3.46671G | 47.51    | 74.00    | -26.49 | 2.16   | 3    | Horizontal | 0       | 0.00   | -       | 45.35  | 30.27 | 4.73 | 32.84 |
| AV   | 3.46658G | 34.99    | 54.00    | -19.01 | 2.16   | 3    | Horizontal | 0       | 0.00   | "Worst" | 32.83  | 30.27 | 4.73 | 32.84 |