# FCC RADIO TEST REPORT

| | | |
|---|---|---|
| FCC ID | : | RAX-AIOS5V |
| Equipment | : | HEOS 5.X Platform Module |
| Brand Name | : | Arcadyan |
| Model Name | : | WN9722BAC22-DM (AIOS5.0V) |
| Applicant | : | Arcadyan Technology Corporation<br>No.8, Sec.2, Guangfu Rd., Hsinchu, 30071 Taiwan |
| Manufacturer | : | Arcadyan Technology Corporation<br>No.8, Sec.2, Guangfu Rd., Hsinchu, 30071 Taiwan |
| Standard | : | 47 CFR FCC Part 15.407 |

The product was received on Aug. 26, 2020, and testing was started from Aug. 28, 2020 and completed on Aug. 31, 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 variant 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

# History of this test report

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FR010205-03AB | 01 | Initial issue of report | Dec. 03, 2020 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

# 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(b) | Unwanted Emissions | PASS | - |

| **Declaration of Conformity:** |
|---|
| The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. |
| **Comments and Explanations:** |
| None |

**Reviewed by: Sam Chen**

**Report Producer: Sandy Chuang**

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

| Band | Mode | BWch (MHz) | Nant |
|---|---|---|---|
| 5.15-5.25GHz | 802.11a | 20 | 2 |
| 5.15-5.25GHz | 802.11n HT20 | 20 | 2 |
| 5.15-5.25GHz | 802.11ac VHT20 | 20 | 2 |
| 5.15-5.25GHz | 802.11n HT40 | 40 | 2 |
| 5.15-5.25GHz | 802.11ac VHT40 | 40 | 2 |
| 5.15-5.25GHz | 802.11ac VHT80 | 80 | 2 |
| 5.25-5.35GHz | 802.11a | 20 | 2 |
| 5.25-5.35GHz | 802.11n HT20 | 20 | 2 |
| 5.25-5.35GHz | 802.11ac VHT20 | 20 | 2 |
| 5.25-5.35GHz | 802.11n HT40 | 40 | 2 |
| 5.25-5.35GHz | 802.11ac VHT40 | 40 | 2 |
| 5.25-5.35GHz | 802.11ac VHT80 | 80 | 2 |
| 5.47-5.725GHz | 802.11a | 20 | 2 |
| 5.47-5.725GHz | 802.11n HT20 | 20 | 2 |
| 5.47-5.725GHz | 802.11ac VHT20 | 20 | 2 |
| 5.47-5.725GHz | 802.11n HT40 | 40 | 2 |
| 5.47-5.725GHz | 802.11ac VHT40 | 40 | 2 |
| 5.47-5.725GHz | 802.11ac VHT80 | 80 | 2 |

| Band | Mode | BWch (MHz) | Nant |
|---|---|---|---|
| 5.725-5.85GHz | 802.11a | 20 | 2 |
| 5.725-5.85GHz | 802.11n HT20 | 20 | 2 |
| 5.725-5.85GHz | 802.11ac VHT20 | 20 | 2 |
| 5.725-5.85GHz | 802.11n HT40 | 40 | 2 |
| 5.725-5.85GHz | 802.11ac VHT40 | 40 | 2 |
| 5.725-5.85GHz | 802.11ac VHT80 | 80 | 2 |

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

### 1.1.2 Antenna Information

| Set | Port | Brand | P/N | Antenna Type | Connector | Gain (dBi) |
|---|---|---|---|---|---|---|
| 1 | 1, 2 | Airgain | N2420DG3-T2L-PK1-G30U | PIFA Antenna | I-PEX | Note 1 |
| 2 | 1, 2 | Airgain | N2420DG3-T2L-PK1-G100U | PIFA Antenna | I-PEX | |
| 3 | 1, 2 | Airgain | N2420DG3-T2L-PK1-G600U | PIFA Antenna | I-PEX | |
| 4 | 1, 2 | Airgain | N2425D-T2L-PK1-G30U | PIFA Antenna | I-PEX | |
| 5 | 1, 2 | Airgain | N2425D-T2R-PK1-G150U | PIFA Antenna | I-PEX | |
| 6 | 1, 2 | Airgain | N2425D-T2R-PK1-G30U | PIFA Antenna | I-PEX | |
| 7 | 1, 2 | Airgain | N2425D-T2R-PK1-G500U | PIFA Antenna | I-PEX | |
| 8 | 1, 2 | LITE | 503021-0123-0BC | Dipole Antenna | I-PEX | |
| 9 | 1, 2 | LITE | 501301-0019-1BC (300mm antenna cable: 510411-5210-24C) | Dipole Antenna | I-PEX | |
| 10 | 1, 2 | LITE | 501301-0019-1BC (500mm antenna cable: 510411-5300-23C) | Dipole Antenna | I-PEX | |
| 11 | 1, 2 | LITE | 503021-0003-0BC (200mm antenna cable) | Dipole Antenna | I-PEX | |
| 12 | 1, 2 | LITE | 503021-0013-0BC (500mm antenna cable) | Dipole Antenna | I-PEX | |
| 13 | 1, 2 | LITE | 501301-0019-1BC (200mm antenna cable: 510411-5310-23C) | Dipole Antenna | I-PEX | |
| 14 | 1, 2 | LITE | 503021-0113-0BC (300mm antenna cable) | Dipole Antenna | I-PEX | |

Note 1:

| Set | Port | Antenna Gain (dBi) | | Cable Loss (dB) | | True Gain (dBi) | |
|---|---|---|---|---|---|---|---|
| | | WLAN 2.4GHz / BT | WLAN 5GHz | WLAN 2.4GHz / BT | WLAN 5GHz | WLAN 2.4GHz / BT | WLAN 5GHz |
| 1 | 1, 2 | 3.1 | 3.66 | 0.105 | 0.147 | 2.995 | 3.513 |
| 2 | 1, 2 | 3.1 | 3.66 | 0.35 | 0.49 | 2.75 | 3.17 |
| 3 | 1, 2 | 3.1 | 3.66 | 2.1 | 2.94 | 1 | 0.72 |
| 4 | 1, 2 | 1.9 | 3.5 | 0.105 | 0.147 | 1.795 | 3.353 |
| 5 | 1, 2 | 1.9 | 3.5 | 0.525 | 0.735 | 1.375 | 2.765 |
| 6 | 1, 2 | 1.9 | 3.5 | 0.105 | 0.147 | 1.795 | 3.353 |
| 7 | 1, 2 | 1.9 | 3.5 | 1.75 | 2.45 | 0.15 | 1.05 |
| 8 | 1, 2 | - | - | - | - | 2.55 | 2.35 |
| 9 | 1, 2 | 3.48 | 4.29 | 0.72 | 1.66 | 2.76 | 2.63 |
| 10 | 1, 2 | 3.48 | 4.29 | 1.49 | 1.7 | 1.99 | 2.59 |
| 11 | 1, 2 | - | - | - | - | 2.52 | 3.04 |
| 12 | 1, 2 | - | - | - | - | 1.74 | 1.68 |
| 13 | 1, 2 | - | - | - | - | 2.64 | 2.86 |
| 14 | 1, 2 | - | - | - | - | 2.35 | 2.44 |

Note 2: The above information was declared by manufacturer.

Note 3: The EUT has thirteen sets of antenna, and each set contains two antennas.

**<For WLAN 2.4GHz Band>**

For IEEE 802.11b/g/n mode <2TX/2RX>:

Port 1 and Port 2 will transmit/receive the same signal simultaneously.

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

**<For WLAN 5GHz Band>**

For IEEE 802.11a/n/ac mode <2TX/2RX>:

Port 1 and Port 2 will transmit/receive the same signal simultaneously.

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

**<For Bluetooth>**

For bluetooth mode <1TX/1RX>:

Only Port 1 can be used as transmitting/receiving antenna.

### 1.1.3 EUT Operational Condition

| | | | | |
|---|---|---|---|---|
| **EUT Power Type** | From host system | | | |
| **Beamforming Function** | ☐ | With beamforming | ☒ | Without beamforming |
| **Weather Band** | ☒ | With 5600~5650MHz | ☐ | Without 5600~5650MHz |
| **Function** | ☐ | Outdoor P2M | ☐ | Indoor P2M |
| | ☐ | Fixed P2P | ☒ | Client |
| **TPC Function** | ☐ | With TPC | ☒ | Without TPC |

Note: The above information was declared by manufacturer.

### 1.1.4 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR010205AB.

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

| Modifications | Performance Checking |
|---|---|
| Adding four sets of Dipole antenna.<br>(set 11~14) | 1. AC power-line conducted emissions (Antenna set 11)<br>Based on original output power to measure below test item:<br>2. Unwanted Emissions (Antenna set 11) |

## 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 | | | |
|---|---|---|---|
| ☐ | 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 |
| ☒ | 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 |
|---|---|---|---|---|
| Radiated Below 1GHz | 03CH06-CB | Stim Sung | 24.2-25°C / 54-58% | Aug. 28, 2020 |
| Radiated above 1GHz | 03CH02-CB | Stim Sung | 23.8-25.3°C / 55-56% | Aug. 28, 2020 |
| AC Conduction | CO01-CB | Max Lin | 21~23°C / 59~60% | Aug. 31, 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% |

# 2 Test Configuration of EUT

## 2.1 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | AC power-line conducted emissions |
| **Condition** | AC power-line conducted measurement for line and neutral |
| **Operating Mode** | Normal Link |
| | There are two modes, one is WLAN 2.4GHz+Bluetooth, the other is WLAN 5GHz+Bluetooth. After evaluating, WLAN 2.4GHz + Bluetooth has been evaluated to be the worst case at AC power-line conducted emissions test, Consequently, measurement will follow this same test mode |
| 1 | EUT in Z axis_WLAN 2.4GHz + Bluetooth + antenna set 11 |

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | Unwanted Emissions |
| **Test Condition** | 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. |
| **Operating Mode < 1GHz** | Normal Link |
| | There are two modes, one is WLAN 2.4GHz+Bluetooth, the other is WLAN 5GHz+Bluetooth. After evaluating, WLAN 5GHz + Bluetooth has been evaluated to be the worst case at Emissions in Restricted Frequency Bands test, Consequently, measurement will follow this same test mode |
| 1 | EUT in Z axis_WLAN 5GHz + Bluetooth + antenna set 11 |
| **Operating Mode > 1GHz** | CTX |
| | The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis. So the measurement will follow this same test configuration. |
| 1 | EUT in X axis + antenna set 11 |

## 2.2 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.

## 2.3 Accessories

N/A

## 2.4 Support Equipment

**For AC Conduction:**

| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| A | Fixture | Arcadyan | WN9722A-DM Test Jig | N/A |
| B | LAN NB | DELL | E6430 | N/A |
| C | AP Router | ASUS | RP-N53 | MSQ-RPN53 |
| D | AP NB | DELL | E6430 | N/A |
| E | Bluetooth Test Set | Anritsu | MT8852B | N/A |

**For Radiated (below 1GHz):**

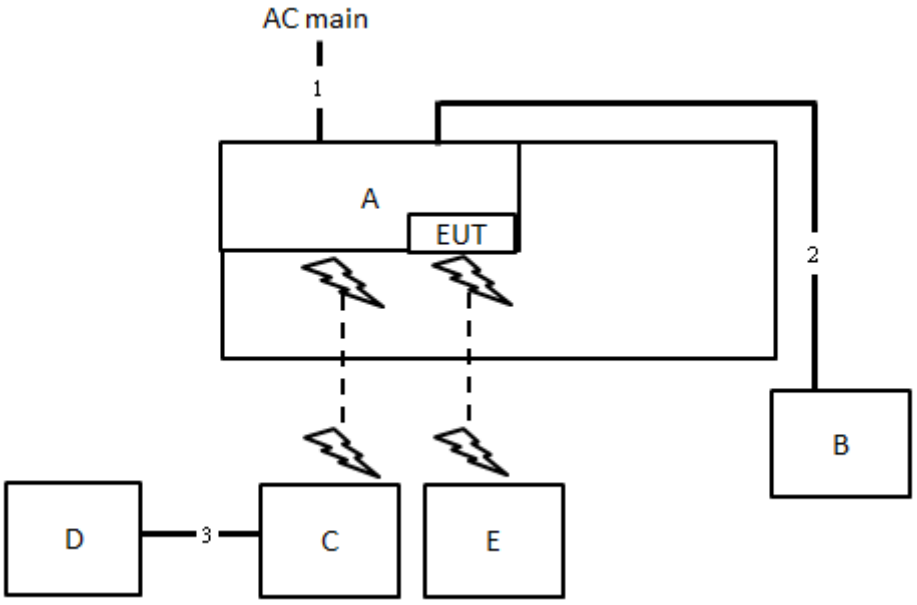
| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| A | LAN NB | DELL | E4300 | N/A |
| B | Fixture | Arcadyan | WN9722A-DM Test Jig | N/A |
| C | 5G NB | DELL | E4300 | N/A |
| D | Bluetooth Test Set | Anritsu | MT8852B | N/A |
| E | WLAN AP | D-LINK | DIR860L | KA2IR860LA1 |
| F | NB | DELL | E4300 | N/A |

**For Radiated (above 1GHz):**

| Support Equipment | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| A | Notebook | DELL | E4300 | N/A |
| B | Fixture | Arcadyan | WN9722A-DM Test Jig | N/A |

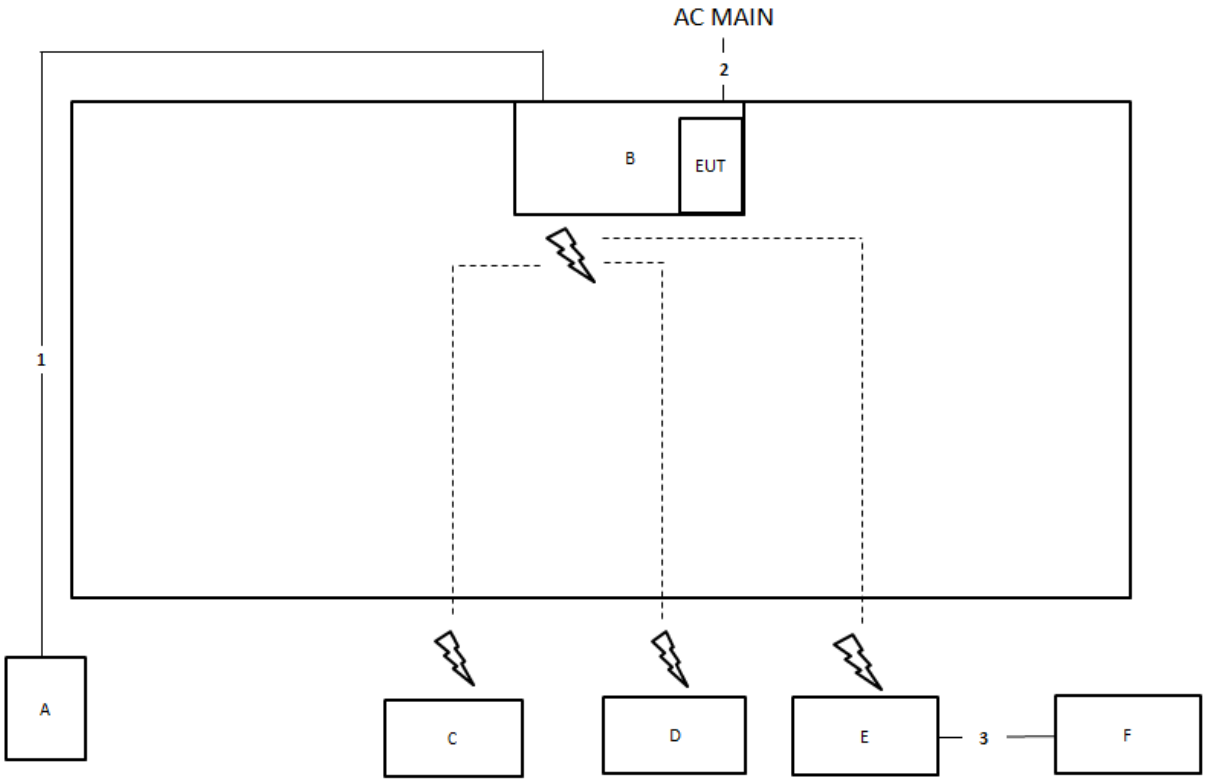
## 2.5 Test Setup Diagram

**Test Setup Diagram – AC Line Conducted Emission Test**



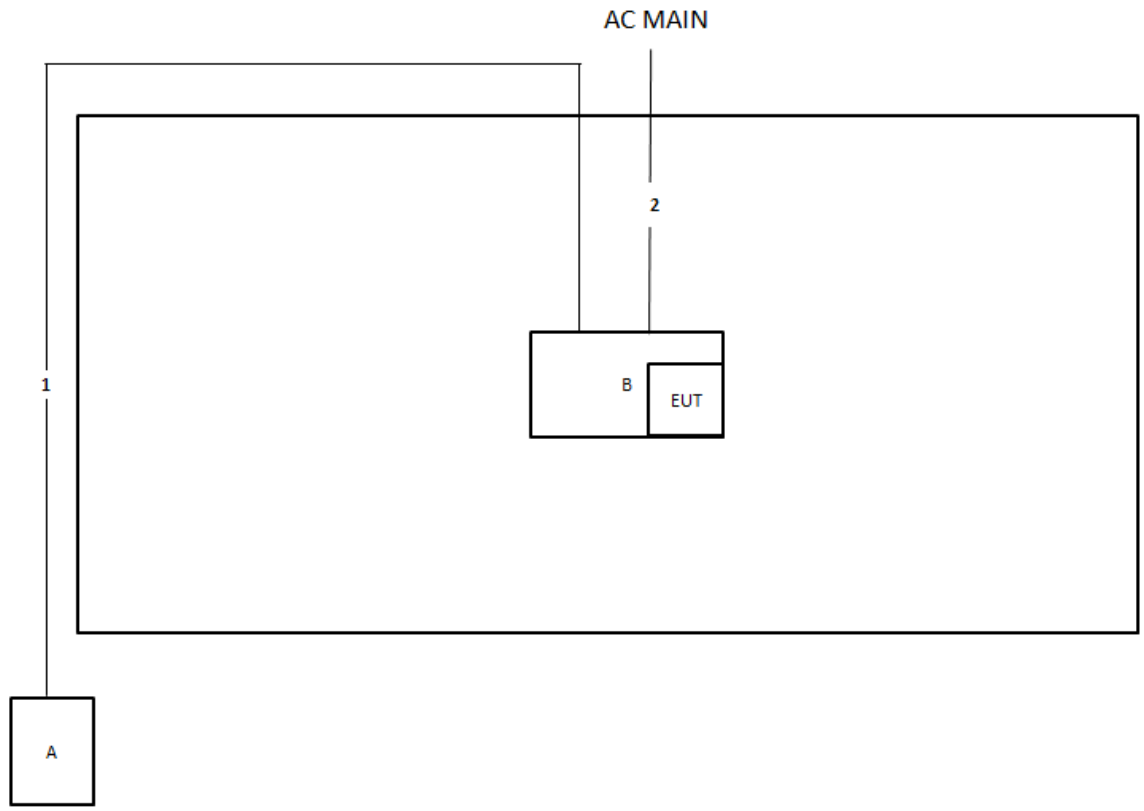

| Item | Connection | Shielded | Length |
|---|---|---|---|
| 1 | Power cable | No | 1.5m |
| 2 | RJ-45 cable | No | 10m |
| 3 | RJ-45 cable | No | 1.5m |

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




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

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




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

# 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

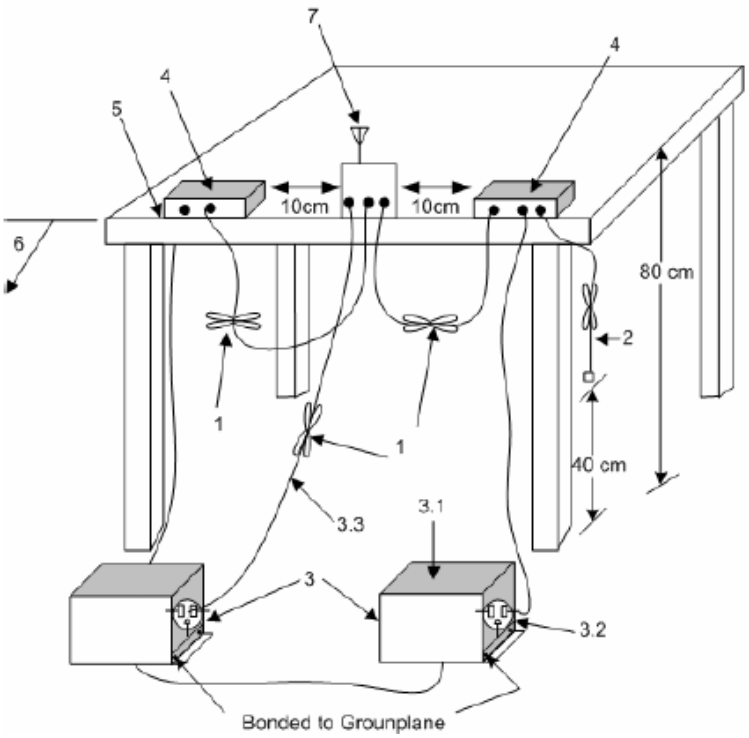
Refer a test equipment and calibration data table in this test report.

### 3.1.3 Test Procedures

| Test Method |
|---|
| ☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions. |

### 3.1.4 Test Setup

**AC Power-line Conducted Emissions**




1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

### 3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

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

Refer as Appendix A

## 3.2 Unwanted Emissions

### 3.2.1 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** |
| ☒ 5.15 - 5.25 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| ☒ 5.25 - 5.35 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| ☒ 5.47 - 5.725 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| ☒ 5.725 - 5.85 GHz | 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). |

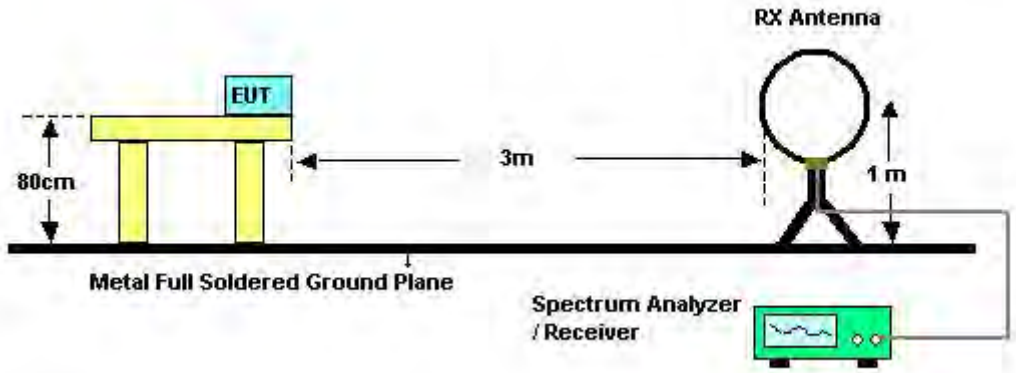
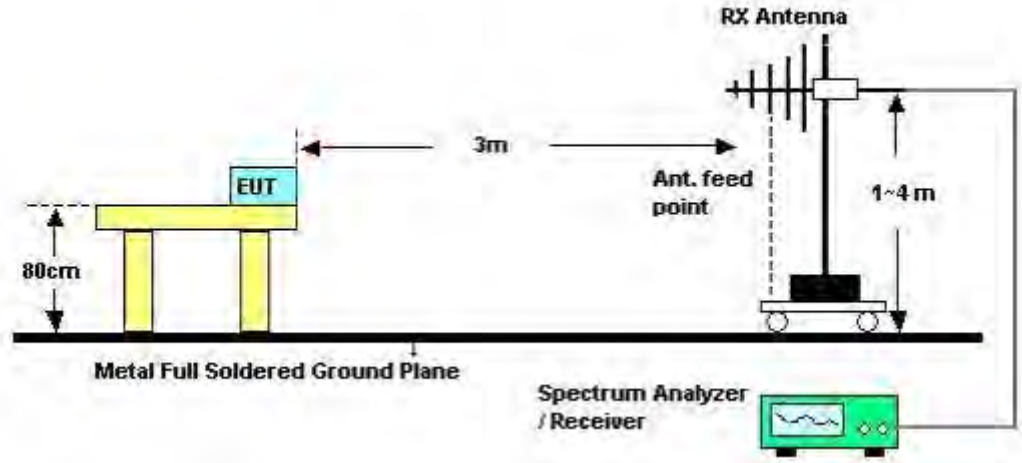
### 3.2.2 Measuring Instruments

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

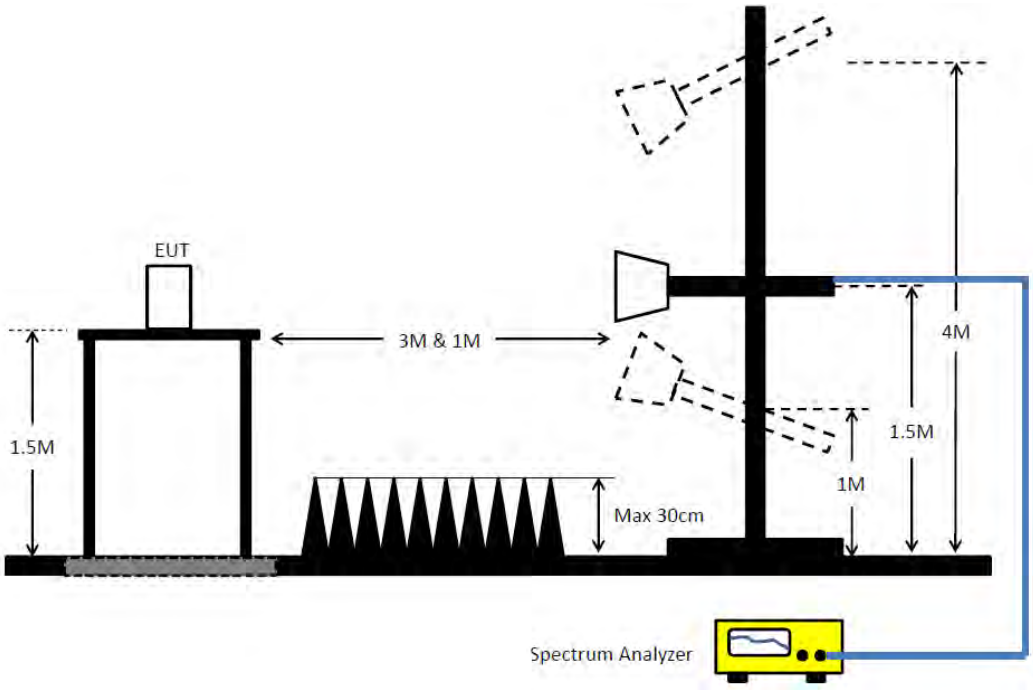
### 3.2.3 Test Procedures

| Test Method | | | |
|---|---|---|---|
| ▪ 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). | | | |
| ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. | | | |
| ▪ For the transmitter unwanted emissions shall be measured using following options below: | | | |
| | ▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands. | | |
| | ▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands. | | |
| | | ☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). | |
| | | ☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW). | |
| | | ☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time. | |
| | | ☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions. | |
| | | ☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit. | |
| | | ☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit. | |
| ▪ For radiated measurement. | | | |
| | ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. | | |
| | ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. | | |
| | ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. | | |
| ▪ The any unwanted emissions level shall not exceed the fundamental emission level. | | | |
| ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. | | | |

### 3.2.4 Test Setup

| Transmitter Radiated Unwanted Emissions |
|---|
| 9kHz ~30MHz |
|  |
| 30MHz~1GHz |
|  |

**Above 1GHz**




### 3.2.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level

### 3.2.6 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.

### 3.2.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix B

# 4 Test Equipment and Calibration Data

| Instrument | Brand | Model No. | Serial No. | Characteristics | Calibration Date | Calibration Due Date | Remark |
|---|---|---|---|---|---|---|---|
| EMI Receiver | Agilent | N9038A | My52260123 | 9kHz ~ 8.45GHz | 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 | SPORTON | SENSE | V5.10.7 | - | N.C.R. | N.C.R. | Conduction (CO01-CB) |
| Bilog Antenna with 6 dB attenuator | TESEQ & EMCI | CBL6112D & N-6-06 | 37878 & AT-N0606 | 20MHz ~ 2GHz | Aug. 02, 2020 | Aug. 01, 2021 | Radiation (03CH06-CB) |
| Loop Antenna | Teseq | HLA 6120 | 24155 | 9kHz - 30 MHz | Apr. 13, 2020 | Apr. 12, 2021 | Radiation (03CH06-CB) |
| Pre-Amplifier | EMCI | EMC330N | 980391 | 20MHz ~ 3GHz | May 21, 2020 | May 20, 2021 | Radiation (03CH06-CB) |
| Spectrum analyzer | R&S | FSP40 | 100080 | 9kHz~40GHz | Oct. 21, 2019 | Oct. 20, 2020 | Radiation (03CH06-CB) |
| 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) |
| Test Software | SPORTON | SENSE | V5.10 | - | N.C.R. | N.C.R. | Radiation (03CH06-CB) |
| Horn Antenna | EMCO | 3115 | 9610-4976 | 1GHz ~ 18GHz | Apr. 21, 2020 | Apr. 20, 2021 | Radiation (03CH02-CB) |
| Horn Antenna | Schwarzbeck | BBHA 9170 | BBHA9170252 | 15GHz ~ 40GHz | Jul. 21, 2020 | Jul. 20, 2021 | Radiation (03CH02-CB) |
| Pre-Amplifier | Agilent | 83017A | MY39501305 | 1GHz ~ 26.5GHz | Jul. 13, 2020 | Jul. 12, 2021 | Radiation (03CH02-CB) |
| Pre-Amplifier | MITEQ | TTA1840-35-HG | 1864479 | 18GHz ~ 40GHz | Jul. 08, 2020 | Jul. 07, 2021 | Radiation (03CH02-CB) |
| Signal Analyzer | R&S | FSV40 | 101904 | 9kHz ~ 40GHz | May 12, 2020 | May 11, 2021 | Radiation (03CH02-CB) |
| High Cable | Woken | RG402 | High Cable-18 | 1GHz ~ 18GHz | Oct. 07, 2019 | Oct. 06, 2020 | Radiation (03CH02-CB) |

| Instrument | Brand | Model No. | Serial No. | Characteristics | Calibration Date | Calibration Due Date | Remark |
|---|---|---|---|---|---|---|---|
| High Cable | Woken | RG402 | High Cable-18+19 | 1GHz ~ 18GHz | Oct. 07, 2019 | Oct. 06, 2020 | Radiation (03CH02-CB) |
| RF Cable-high | Woken | RG402 | High Cable-40G#1 | 18GHz ~ 40 GHz | Jul. 16, 2020 | Jul. 15, 2021 | Radiation (03CH02-CB) |
| RF Cable-high | Woken | RG402 | High Cable-40G#2 | 18GHz ~ 40 GHz | Jul. 16, 2020 | Jul. 15, 2021 | Radiation (03CH02-CB) |
| Test Software | SPORTON | SENSE | V5.10 | - | N.C.R. | N.C.R. | Radiation (03CH02-CB) |

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

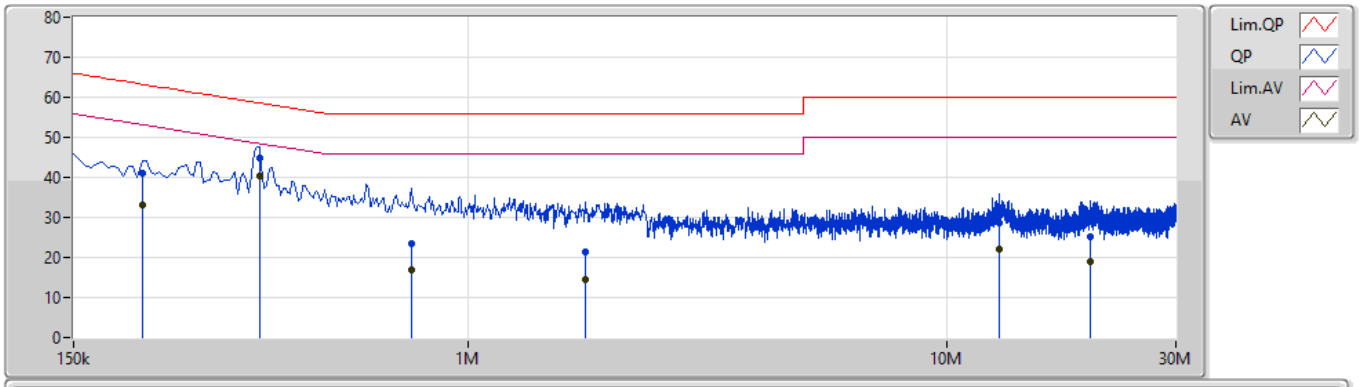
N.C.R means Non-Calibration required.

Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition |
|---|---|---|---|---|---|---|---|
| Mode 1 | Pass | AV | 361.5k | 41.32 | 48.70 | -7.38 | Neutral |

## Mode 1

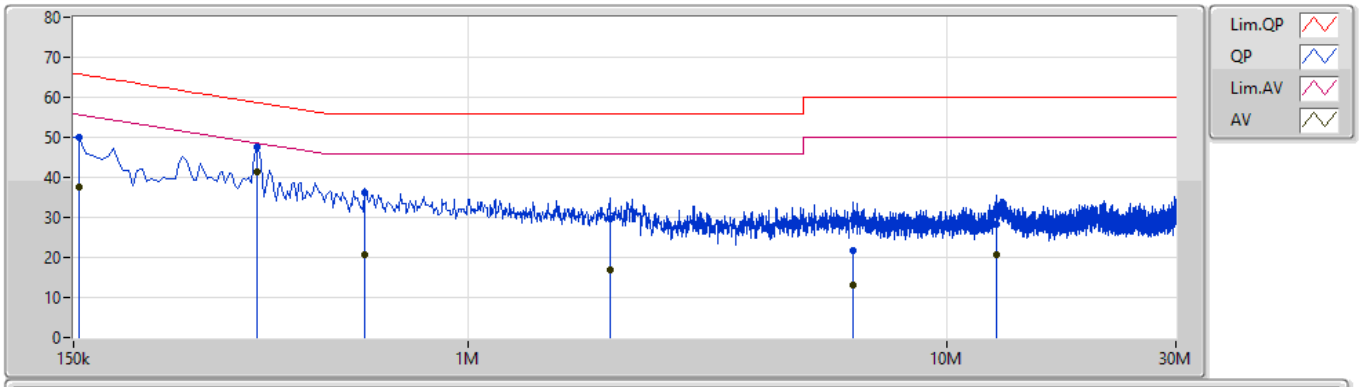
31/08/2020




| Type | Freq | Level | Limit | Margin | Factor | Condition | Comment | Raw | AF | CL | AT | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV) | (dBuV) | (dB) | (dB) | | | (dBuV) | (dB) | (dB) | (dB) | | | |
| QP | 208.5k | 41.12 | 63.27 | -22.15 | 9.86 | Line | - | 31.26 | 0.04 | 0.03 | 9.79 | | | |
| AV | 208.5k | 33.21 | 53.27 | -20.06 | 9.86 | Line | - | 23.35 | 0.04 | 0.03 | 9.79 | | | |
| QP | 366k | 44.69 | 58.60 | -13.91 | 9.88 | Line | - | 34.81 | 0.04 | 0.03 | 9.81 | | | |
| AV | 366k | 40.28 | 48.60 | -8.32 | 9.88 | Line | "Worst" | 30.40 | 0.04 | 0.03 | 9.81 | | | |
| QP | 762k | 23.61 | 56.00 | -32.39 | 9.91 | Line | - | 13.70 | 0.05 | 0.04 | 9.82 | | | |
| AV | 762k | 16.86 | 46.00 | -29.14 | 9.91 | Line | - | 6.95 | 0.05 | 0.04 | 9.82 | | | |
| QP | 1.757M | 21.27 | 56.00 | -34.73 | 9.95 | Line | - | 11.32 | 0.06 | 0.06 | 9.83 | | | |
| AV | 1.757M | 14.48 | 46.00 | -31.52 | 9.95 | Line | - | 4.53 | 0.06 | 0.06 | 9.83 | | | |
| QP | 12.831M | 28.78 | 60.00 | -31.22 | 10.32 | Line | - | 18.46 | 0.20 | 0.20 | 9.92 | | | |
| AV | 12.831M | 22.03 | 50.00 | -27.97 | 10.32 | Line | - | 11.71 | 0.20 | 0.20 | 9.92 | | | |
| QP | 19.892M | 25.34 | 60.00 | -34.66 | 10.56 | Line | - | 14.78 | 0.24 | 0.33 | 9.99 | | | |
| AV | 19.892M | 18.84 | 50.00 | -31.16 | 10.56 | Line | - | 8.28 | 0.24 | 0.33 | 9.99 | | | |

## Mode 1

31/08/2020



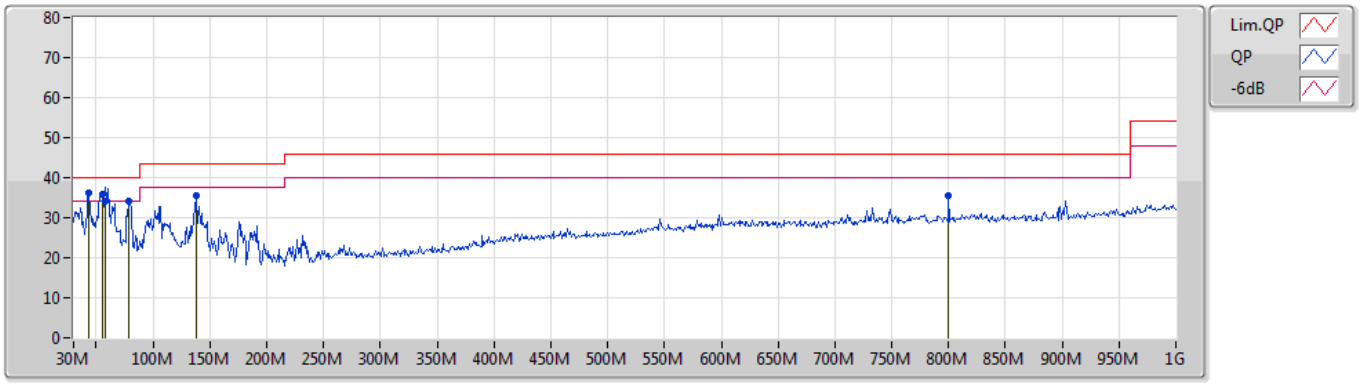

| Type | Freq | Level | Limit | Margin | Factor | Condition | Comment | Raw | AF | CL | AT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV) | (dBuV) | (dB) | (dB) | | | (dBuV) | (dB) | (dB) | (dB) |
| QP | 154.5k | 50.02 | 65.75 | -15.73 | 9.86 | Neutral | - | 40.16 | 0.04 | 0.03 | 9.79 |
| AV | 154.5k | 37.54 | 55.75 | -18.21 | 9.86 | Neutral | - | 27.68 | 0.04 | 0.03 | 9.79 |
| QP | 361.5k | 47.64 | 58.70 | -11.06 | 9.88 | Neutral | - | 37.76 | 0.04 | 0.03 | 9.81 |
| AV | 361.5k | 41.32 | 48.70 | -7.38 | 9.88 | Neutral | "Worst" | 31.44 | 0.04 | 0.03 | 9.81 |
| QP | 609k | 36.32 | 56.00 | -19.68 | 9.89 | Neutral | - | 26.43 | 0.05 | 0.03 | 9.81 |
| AV | 609k | 20.83 | 46.00 | -25.17 | 9.89 | Neutral | - | 10.94 | 0.05 | 0.03 | 9.81 |
| QP | 1.973M | 29.56 | 56.00 | -26.44 | 9.97 | Neutral | - | 19.59 | 0.07 | 0.07 | 9.83 |
| AV | 1.973M | 16.83 | 46.00 | -29.17 | 9.97 | Neutral | - | 6.86 | 0.07 | 0.07 | 9.83 |
| QP | 6.356M | 21.66 | 60.00 | -38.34 | 10.14 | Neutral | - | 11.52 | 0.13 | 0.14 | 9.87 |
| AV | 6.356M | 13.17 | 50.00 | -36.83 | 10.14 | Neutral | - | 3.03 | 0.13 | 0.14 | 9.87 |
| QP | 12.687M | 28.27 | 60.00 | -31.73 | 10.30 | Neutral | - | 17.97 | 0.18 | 0.20 | 9.92 |
| AV | 12.687M | 20.75 | 50.00 | -29.25 | 10.30 | Neutral | - | 10.45 | 0.18 | 0.20 | 9.92 |

Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Condition |
|---|---|---|---|---|---|---|---|
| Mode 1 | Pass | PK | 43.58M | 36.33 | 40.00 | -3.67 | Vertical |

## Mode 1

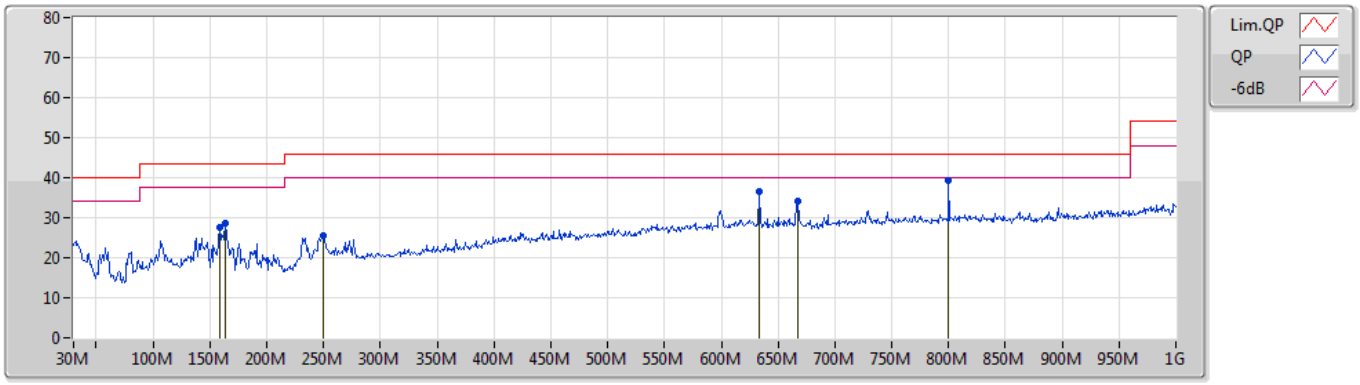
28/08/2020




| 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 | 43.58M | 36.33 | 40.00 | -3.67 | -13.53 | 3 | Vertical | 234 | 1.00 | "Worst" | 49.86 | 16.35 | 1.60 | 31.48 |
| PK | 55.22M | 36.03 | 40.00 | -3.97 | -17.33 | 3 | Vertical | 241 | 1.00 | - | 53.36 | 12.79 | 1.50 | 31.62 |
| QP | 58.13M | 34.12 | 40.00 | -5.88 | -17.57 | 3 | Vertical | 249 | 2.00 | - | 51.69 | 12.45 | 1.56 | 31.58 |
| PK | 78.5M | 34.02 | 40.00 | -5.98 | -17.26 | 3 | Vertical | 124 | 1.25 | - | 51.28 | 12.58 | 1.87 | 31.71 |
| PK | 137.67M | 35.37 | 43.50 | -8.13 | -11.93 | 3 | Vertical | 149 | 1.00 | - | 47.30 | 17.41 | 2.39 | 31.73 |
| PK | 800.18M | 35.56 | 46.00 | -10.44 | -0.76 | 3 | Vertical | 272 | 1.50 | - | 36.32 | 25.99 | 5.80 | 32.55 |

## Mode 1

28/08/2020




| 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 | 159.01M | 27.48 | 43.50 | -16.02 | -13.22 | 3 | Horizontal | 78 | 3.00 | - | 40.70 | 16.00 | 2.59 | 31.81 |
| PK | 163.86M | 28.51 | 43.50 | -14.99 | -13.32 | 3 | Horizontal | 255 | 3.00 | - | 41.83 | 15.84 | 2.64 | 31.80 |
| PK | 250.19M | 25.61 | 46.00 | -20.39 | -10.39 | 3 | Horizontal | 91 | 1.50 | - | 36.00 | 18.19 | 3.20 | 31.78 |
| PK | 633.34M | 36.49 | 46.00 | -9.51 | -1.68 | 3 | Horizontal | 1 | 2.00 | - | 38.17 | 25.42 | 5.30 | 32.40 |
| PK | 667.29M | 34.02 | 46.00 | -11.98 | -1.84 | 3 | Horizontal | 0 | 2.00 | - | 35.86 | 25.18 | 5.43 | 32.45 |
| PK | 800.18M | 39.47 | 46.00 | -6.53 | -0.76 | 3 | Horizontal | 102 | 1.25 | "Worst" | 40.23 | 25.99 | 5.80 | 32.55 |

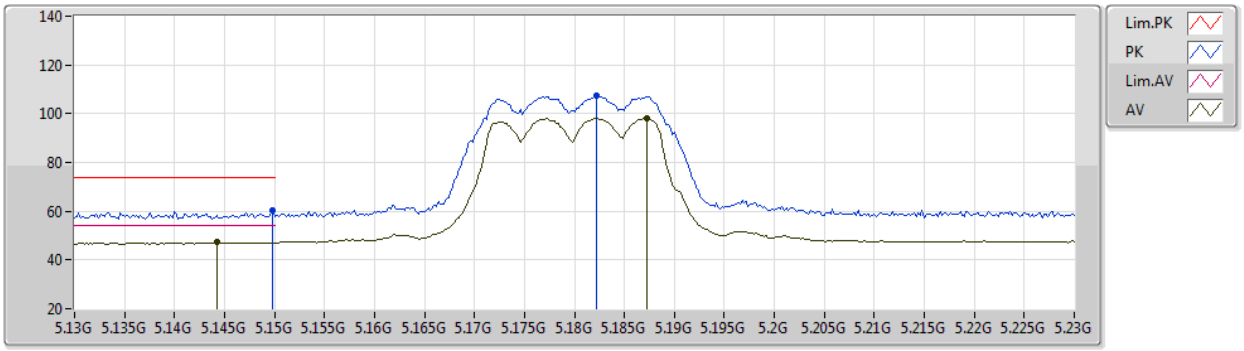
## Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.25-5.35GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass | AV | 5.3528G | 52.83 | 54.00 | -1.17 | 3 | Vertical | 47 | 2.66 | - |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5180MHz_TX



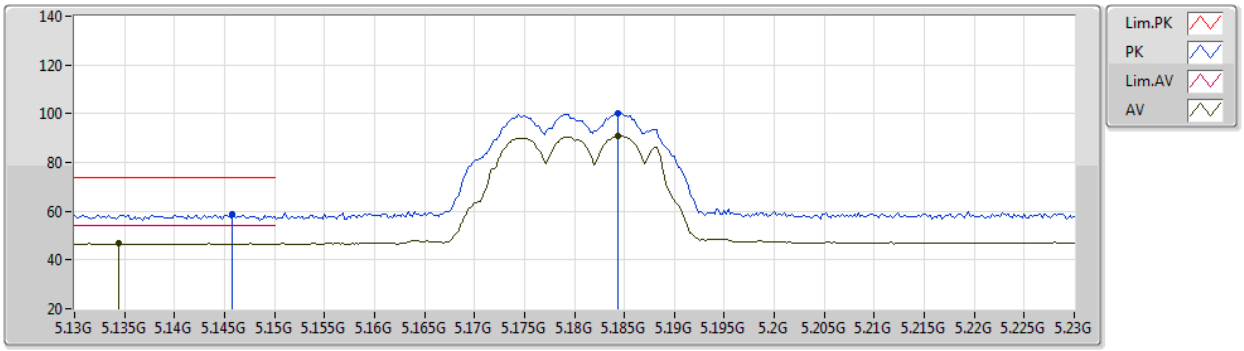

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1498G | 60.09 | 74.00 | -13.91 | 52.40 | 3 | Vertical | 346 | 1.95 | - | 33.45 | 5.97 | 31.73 |
| AV | 5.1442G | 47.16 | 54.00 | -6.84 | 39.48 | 3 | Vertical | 346 | 1.95 | - | 33.44 | 5.97 | 31.73 |
| PK | 5.1822G | 107.29 | Inf | -Inf | 99.52 | 3 | Vertical | 346 | 1.95 | - | 33.48 | 5.99 | 31.70 |
| AV | 5.1872G | 97.94 | Inf | -Inf | 90.16 | 3 | Vertical | 346 | 1.95 | - | 33.49 | 5.99 | 31.70 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5180MHz_TX



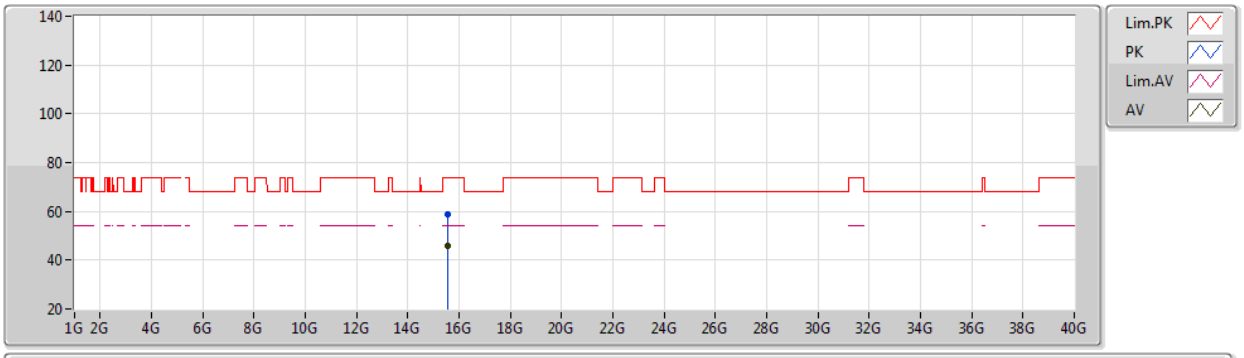

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1458G | 58.54 | 74.00 | -15.46 | 50.85 | 3 | Horizontal | 232 | 1.07 | - | 33.45 | 5.97 | 31.73 |
| AV | 5.1344G | 46.86 | 54.00 | -7.14 | 39.20 | 3 | Horizontal | 232 | 1.07 | - | 33.43 | 5.97 | 31.74 |
| PK | 5.1844G | 100.39 | Inf | -Inf | 92.62 | 3 | Horizontal | 232 | 1.07 | - | 33.48 | 5.99 | 31.70 |
| AV | 5.1844G | 91.07 | Inf | -Inf | 83.30 | 3 | Horizontal | 232 | 1.07 | - | 33.48 | 5.99 | 31.70 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5180MHz_TX



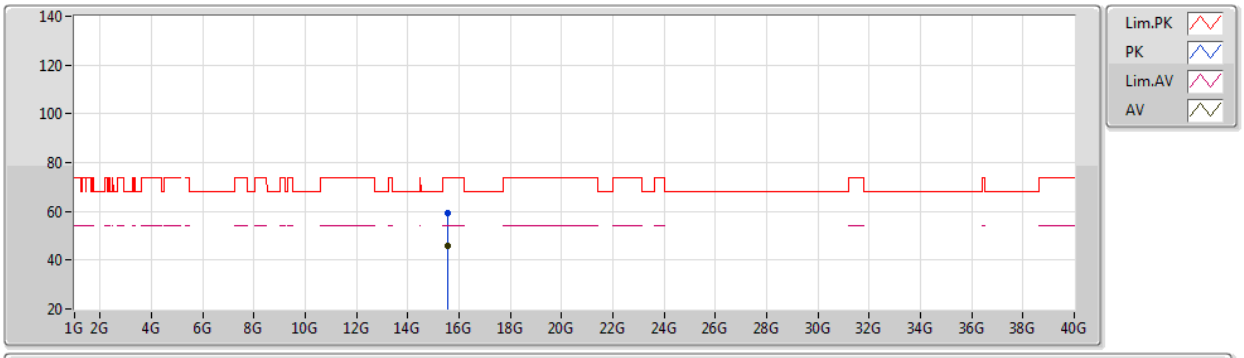

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.54624G | 58.59 | 74.00 | -15.41 | 43.48 | 3 | Vertical | 263 | 1.73 | - | 38.72 | 9.25 | 32.86 |
| AV | 15.5382G | 45.79 | 54.00 | -8.21 | 30.66 | 3 | Vertical | 263 | 1.73 | - | 38.74 | 9.25 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5180MHz_TX

28/08/2020



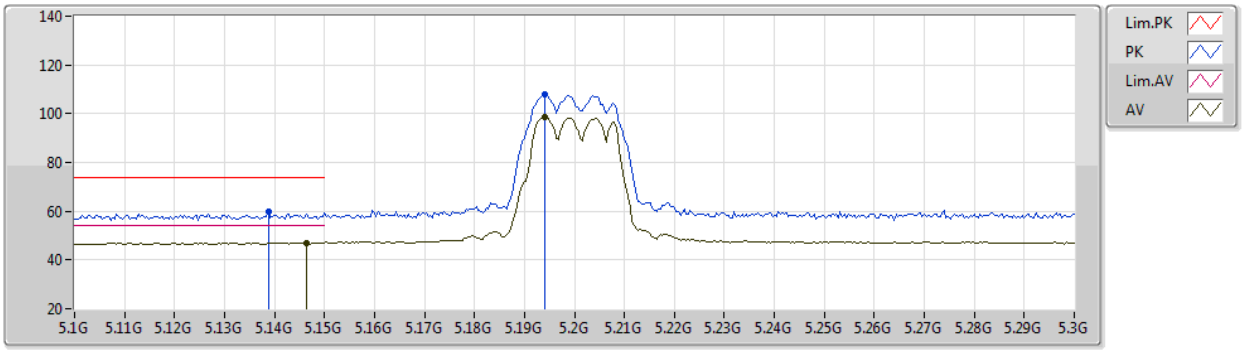

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.53946G | 59.06 | 74.00 | -14.94 | 43.93 | 3 | Horizontal | 229 | 1.11 | - | 38.74 | 9.25 | 32.86 |
| AV | 15.54168G | 45.63 | 54.00 | -8.37 | 30.51 | 3 | Horizontal | 229 | 1.11 | - | 38.73 | 9.25 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5200MHz_TX



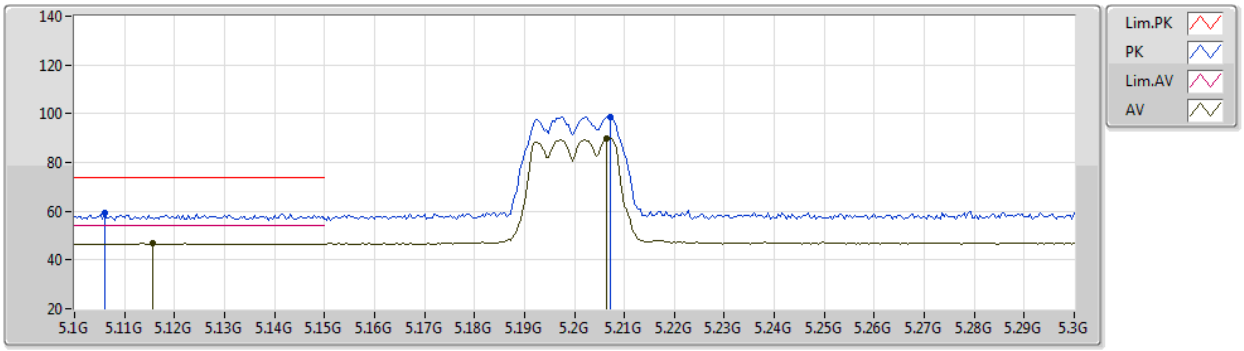

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1388G | 59.57 | 74.00 | -14.43 | 51.89 | 3 | Vertical | 79 | 2.64 | - | 33.44 | 5.97 | 31.73 |
| AV | 5.1464G | 47.15 | 54.00 | -6.85 | 39.46 | 3 | Vertical | 79 | 2.64 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.194G | 108.11 | Inf | -Inf | 100.31 | 3 | Vertical | 79 | 2.64 | - | 33.49 | 6.00 | 31.69 |
| AV | 5.194G | 98.81 | Inf | -Inf | 91.01 | 3 | Vertical | 79 | 2.64 | - | 33.49 | 6.00 | 31.69 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5200MHz_TX

28/08/2020



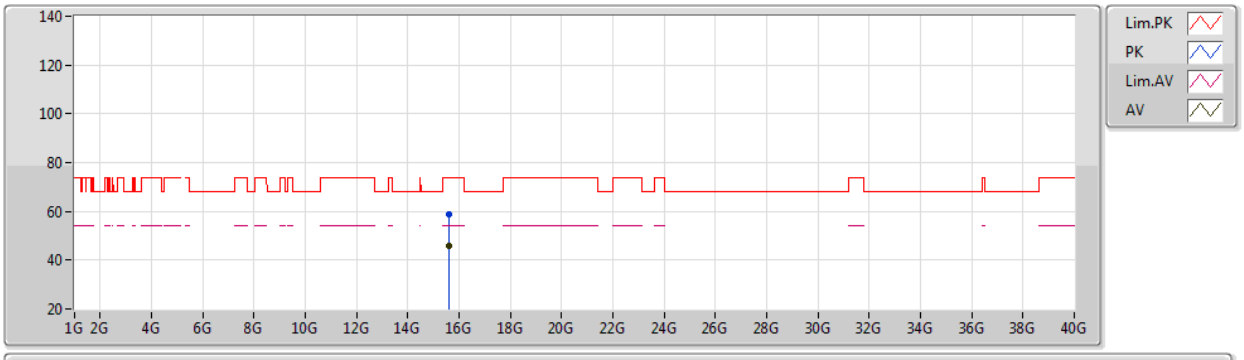

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.106G | 59.43 | 74.00 | -14.57 | 51.83 | 3 | Horizontal | 211 | 1.41 | - | 33.41 | 5.95 | 31.76 |
| AV | 5.1156G | 46.77 | 54.00 | -7.23 | 39.14 | 3 | Horizontal | 211 | 1.41 | - | 33.42 | 5.96 | 31.75 |
| PK | 5.2072G | 98.68 | Inf | -Inf | 90.85 | 3 | Horizontal | 211 | 1.41 | - | 33.51 | 6.00 | 31.68 |
| AV | 5.2064G | 89.79 | Inf | -Inf | 81.97 | 3 | Horizontal | 211 | 1.41 | - | 33.51 | 6.00 | 31.69 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5200MHz_TX

28/08/2020



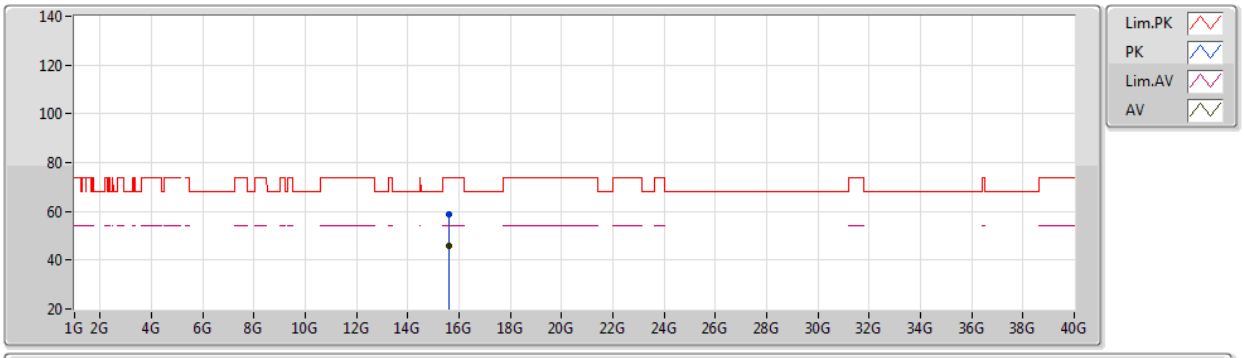

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.59496G | 58.78 | 74.00 | -15.22 | 43.80 | 3 | Vertical | 316 | 2.17 | - | 38.57 | 9.27 | 32.86 |
| AV | 15.59082G | 45.79 | 54.00 | -8.21 | 30.80 | 3 | Vertical | 316 | 2.17 | - | 38.59 | 9.26 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5200MHz_TX

28/08/2020



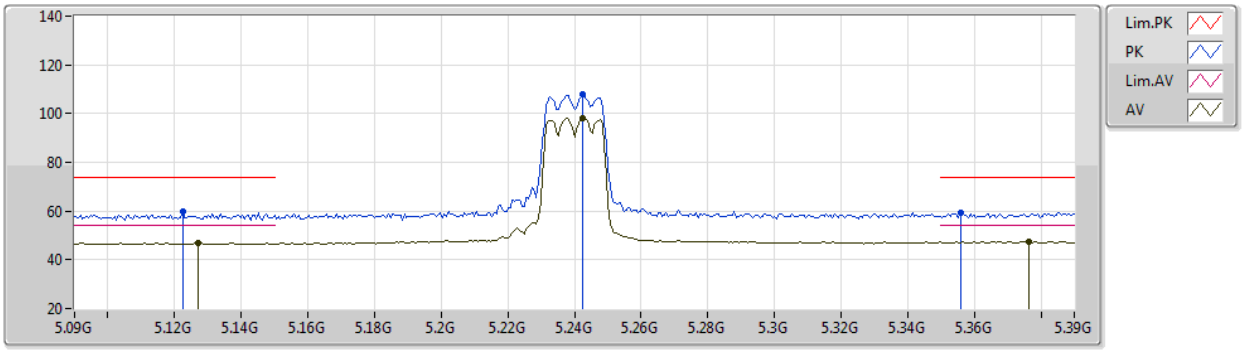

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.61332G | 58.65 | 74.00 | -15.35 | 43.72 | 3 | Horizontal | 160 | 2.86 | - | 38.52 | 9.27 | 32.86 |
| AV | 15.59862G | 45.92 | 54.00 | -8.08 | 30.95 | 3 | Horizontal | 160 | 2.86 | - | 38.56 | 9.27 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5240MHz_TX

28/08/2020



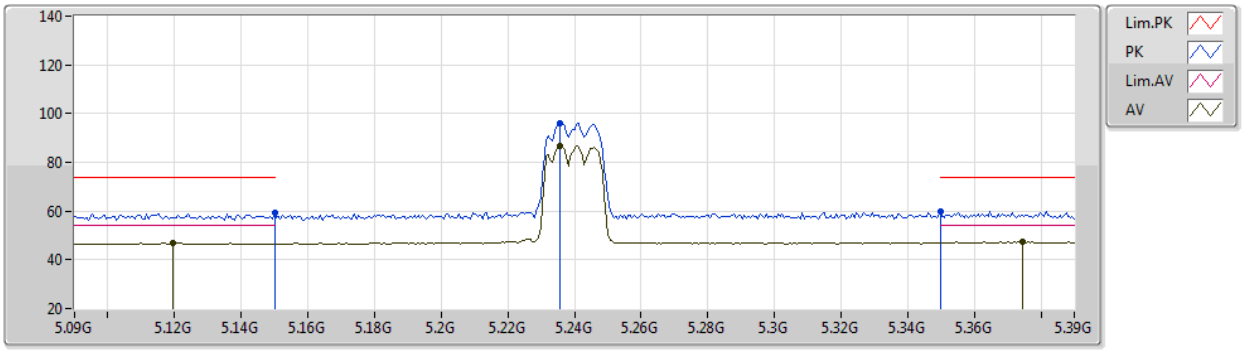

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1224G | 59.65 | 74.00 | -14.35 | 52.01 | 3 | Vertical | 342 | 1.83 | - | 33.42 | 5.96 | 31.74 |
| AV | 5.1272G | 46.85 | 54.00 | -7.15 | 39.20 | 3 | Vertical | 342 | 1.83 | - | 33.43 | 5.96 | 31.74 |
| PK | 5.2424G | 107.77 | Inf | -Inf | 99.83 | 3 | Vertical | 342 | 1.83 | - | 33.58 | 6.02 | 31.66 |
| AV | 5.2424G | 98.27 | Inf | -Inf | 90.33 | 3 | Vertical | 342 | 1.83 | - | 33.58 | 6.02 | 31.66 |
| PK | 5.3558G | 59.31 | 74.00 | -14.69 | 51.05 | 3 | Vertical | 342 | 1.83 | - | 33.76 | 6.08 | 31.58 |
| AV | 5.3762G | 47.49 | 54.00 | -6.51 | 39.19 | 3 | Vertical | 342 | 1.83 | - | 33.78 | 6.09 | 31.57 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5240MHz_TX

28/08/2020



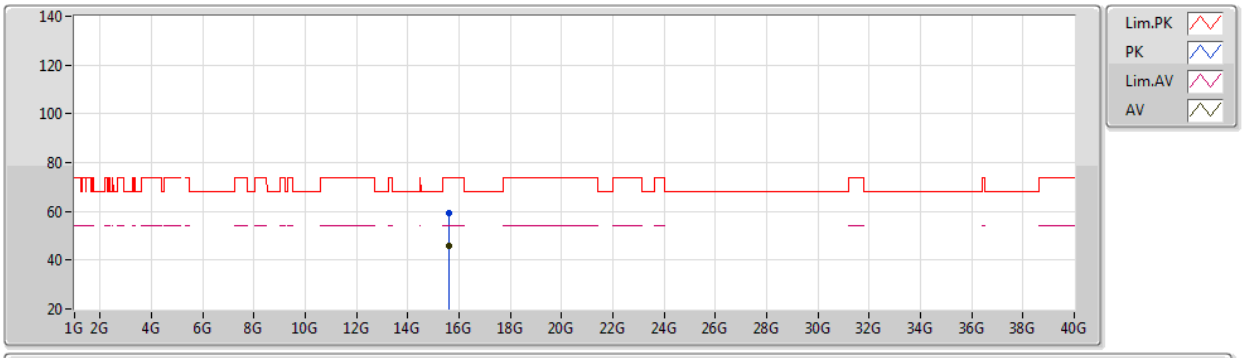

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.15G | 59.07 | 74.00 | -14.93 | 51.38 | 3 | Horizontal | 200 | 1.80 | - | 33.45 | 5.97 | 31.73 |
| AV | 5.1194G | 46.90 | 54.00 | -7.10 | 39.27 | 3 | Horizontal | 200 | 1.80 | - | 33.42 | 5.96 | 31.75 |
| PK | 5.2358G | 96.11 | Inf | -Inf | 88.18 | 3 | Horizontal | 200 | 1.80 | - | 33.57 | 6.02 | 31.66 |
| AV | 5.2358G | 86.64 | Inf | -Inf | 78.71 | 3 | Horizontal | 200 | 1.80 | - | 33.57 | 6.02 | 31.66 |
| PK | 5.35G | 59.68 | 74.00 | -14.32 | 51.43 | 3 | Horizontal | 200 | 1.80 | - | 33.75 | 6.08 | 31.58 |
| AV | 5.3744G | 47.36 | 54.00 | -6.64 | 39.07 | 3 | Horizontal | 200 | 1.80 | - | 33.77 | 6.09 | 31.57 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5240MHz_TX

28/08/2020



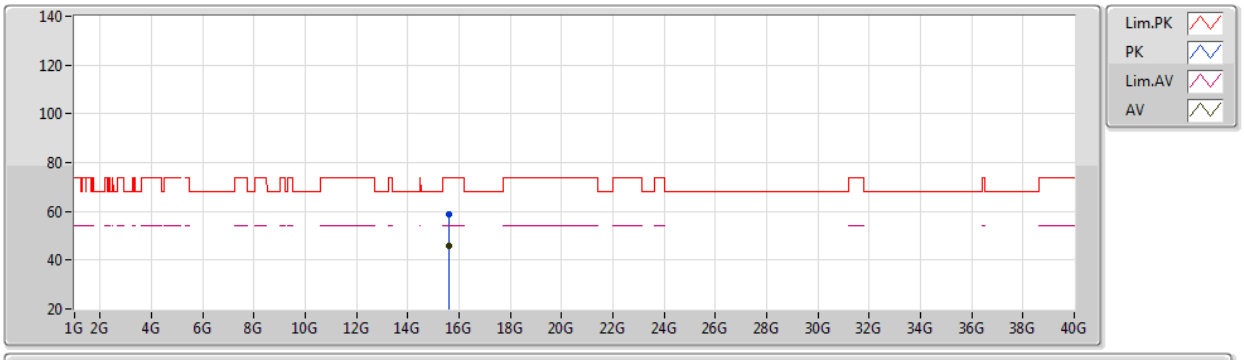

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.60366G | 59.24 | 74.00 | -14.76 | 44.28 | 3 | Vertical | 360 | 1.09 | - | 38.55 | 9.27 | 32.86 |
| AV | 15.58734G | 45.86 | 54.00 | -8.14 | 30.86 | 3 | Vertical | 360 | 1.09 | - | 38.60 | 9.26 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5240MHz_TX

28/08/2020



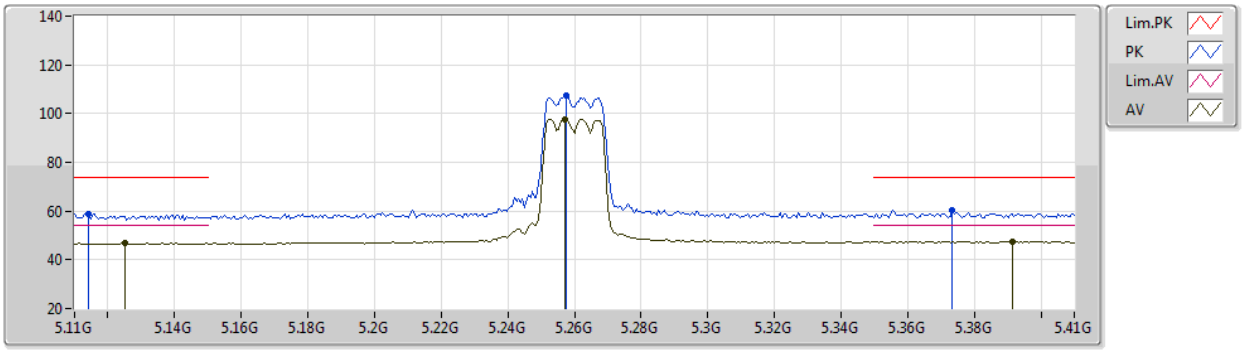

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.61422G | 58.87 | 74.00 | -15.13 | 43.94 | 3 | Horizontal | 342 | 1.19 | - | 38.52 | 9.27 | 32.86 |
| AV | 15.59064G | 45.91 | 54.00 | -8.09 | 30.92 | 3 | Horizontal | 342 | 1.19 | - | 38.59 | 9.26 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5260MHz_TX



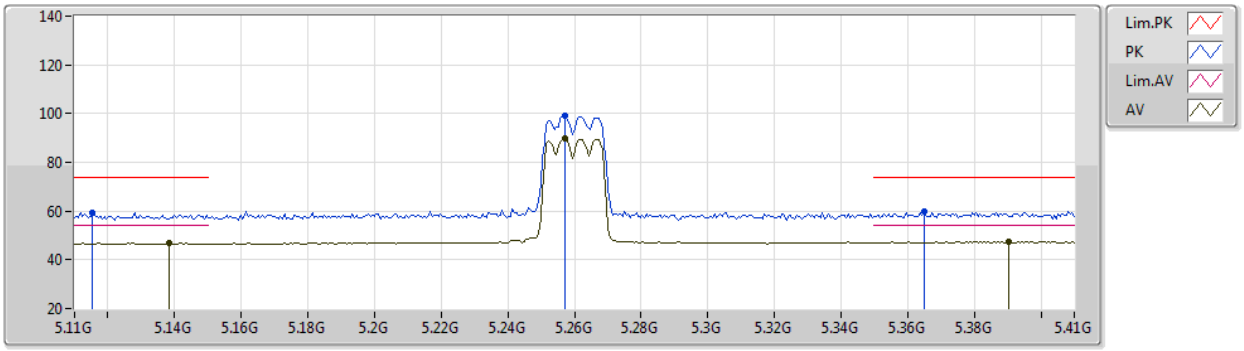

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1142G | 58.76 | 74.00 | -15.24 | 51.14 | 3 | Vertical | 345 | 2.00 | - | 33.41 | 5.96 | 31.75 |
| AV | 5.125G | 46.78 | 54.00 | -7.22 | 39.14 | 3 | Vertical | 345 | 2.00 | - | 33.42 | 5.96 | 31.74 |
| PK | 5.2576G | 107.36 | Inf | -Inf | 99.36 | 3 | Vertical | 345 | 2.00 | - | 33.62 | 6.03 | 31.65 |
| AV | 5.257G | 97.82 | Inf | -Inf | 89.83 | 3 | Vertical | 345 | 2.00 | - | 33.61 | 6.03 | 31.65 |
| PK | 5.3734G | 60.24 | 74.00 | -13.76 | 51.95 | 3 | Vertical | 345 | 2.00 | - | 33.77 | 6.09 | 31.57 |
| AV | 5.3914G | 47.63 | 54.00 | -6.37 | 39.30 | 3 | Vertical | 345 | 2.00 | - | 33.79 | 6.10 | 31.56 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5260MHz_TX

28/08/2020



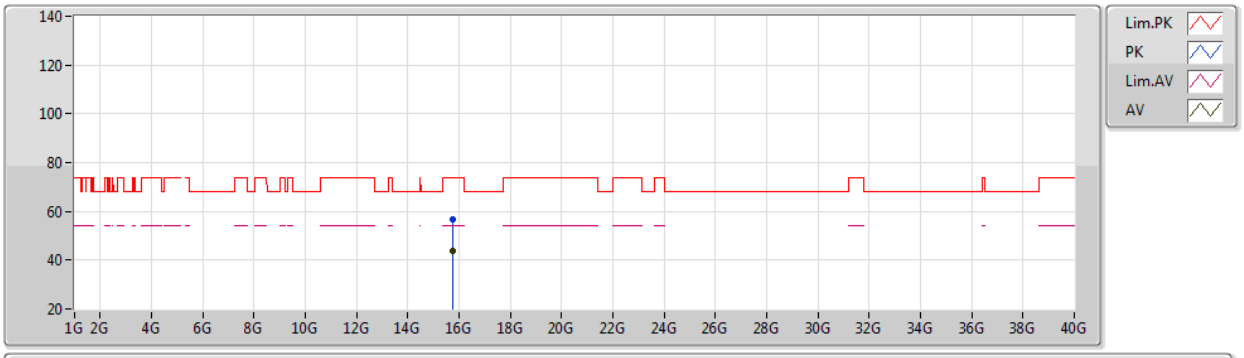

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1154G | 59.27 | 74.00 | -14.73 | 51.64 | 3 | Horizontal | 211 | 1.41 | - | 33.42 | 5.96 | 31.75 |
| AV | 5.1382G | 46.87 | 54.00 | -7.13 | 39.19 | 3 | Horizontal | 211 | 1.41 | - | 33.44 | 5.97 | 31.73 |
| PK | 5.257G | 98.99 | Inf | -Inf | 91.00 | 3 | Horizontal | 211 | 1.41 | - | 33.61 | 6.03 | 31.65 |
| AV | 5.257G | 89.68 | Inf | -Inf | 81.69 | 3 | Horizontal | 211 | 1.41 | - | 33.61 | 6.03 | 31.65 |
| PK | 5.365G | 59.60 | 74.00 | -14.40 | 51.32 | 3 | Horizontal | 211 | 1.41 | - | 33.77 | 6.08 | 31.57 |
| AV | 5.3902G | 47.40 | 54.00 | -6.60 | 39.07 | 3 | Horizontal | 211 | 1.41 | - | 33.79 | 6.10 | 31.56 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5260MHz_TX



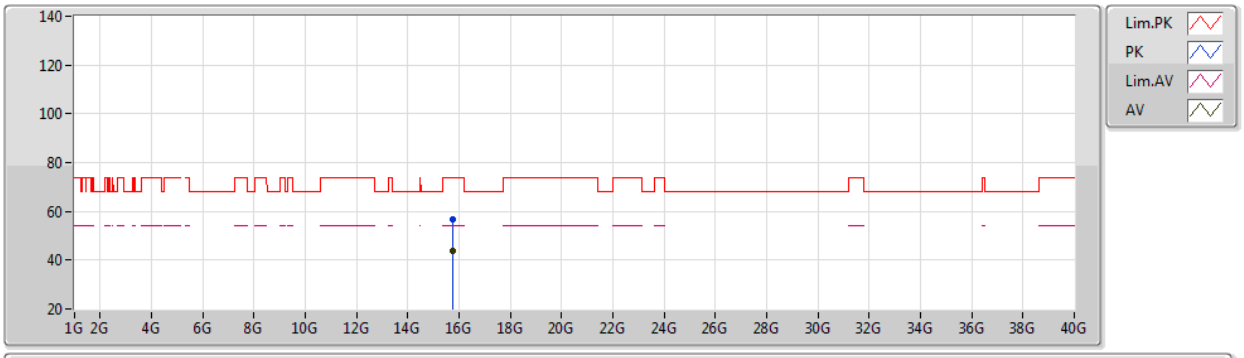

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.77712G | 56.56 | 74.00 | -17.44 | 42.05 | 3 | Vertical | 276 | 2.51 | - | 38.05 | 9.33 | 32.87 |
| AV | 15.77496G | 43.88 | 54.00 | -10.12 | 29.37 | 3 | Vertical | 276 | 2.51 | - | 38.05 | 9.33 | 32.87 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5260MHz_TX



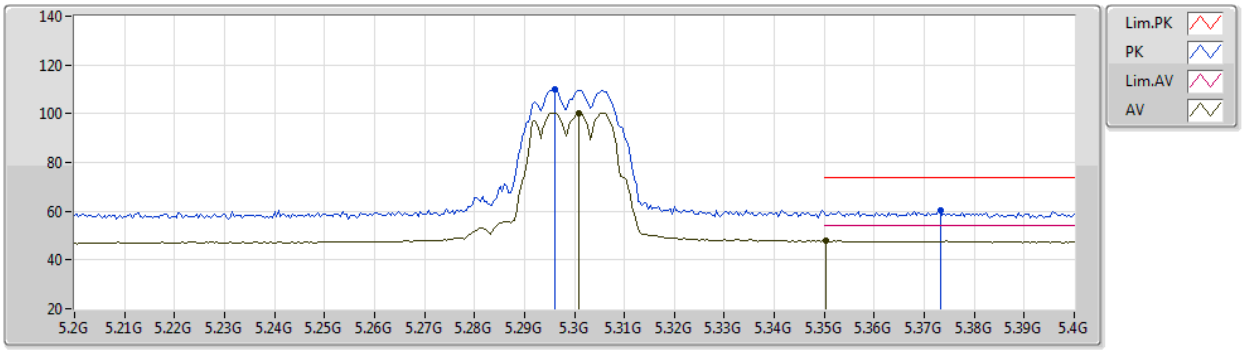

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.7671G | 56.73 | 74.00 | -17.27 | 42.20 | 3 | Horizontal | 322 | 1.36 | - | 38.08 | 9.32 | 32.87 |
| AV | 15.77826G | 44.03 | 54.00 | -9.97 | 29.53 | 3 | Horizontal | 322 | 1.36 | - | 38.04 | 9.33 | 32.87 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5300MHz_TX

28/08/2020



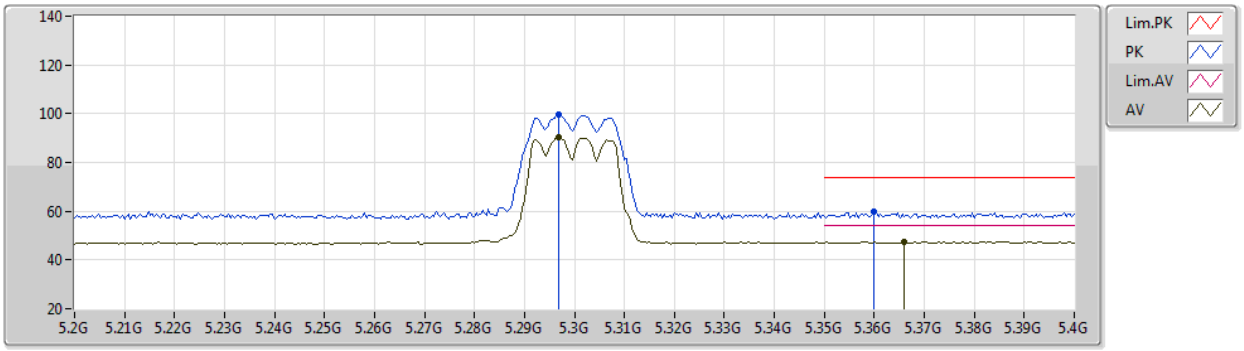

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.296G | 109.93 | Inf | -Inf | 101.81 | 3 | Vertical | 43 | 2.43 | - | 33.69 | 6.05 | 31.62 |
| AV | 5.3008G | 100.36 | Inf | -Inf | 92.23 | 3 | Vertical | 43 | 2.43 | - | 33.70 | 6.05 | 31.62 |
| PK | 5.3732G | 60.52 | 74.00 | -13.48 | 52.23 | 3 | Vertical | 43 | 2.43 | - | 33.77 | 6.09 | 31.57 |
| AV | 5.3504G | 47.92 | 54.00 | -6.08 | 39.67 | 3 | Vertical | 43 | 2.43 | - | 33.75 | 6.08 | 31.58 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5300MHz_TX

28/08/2020



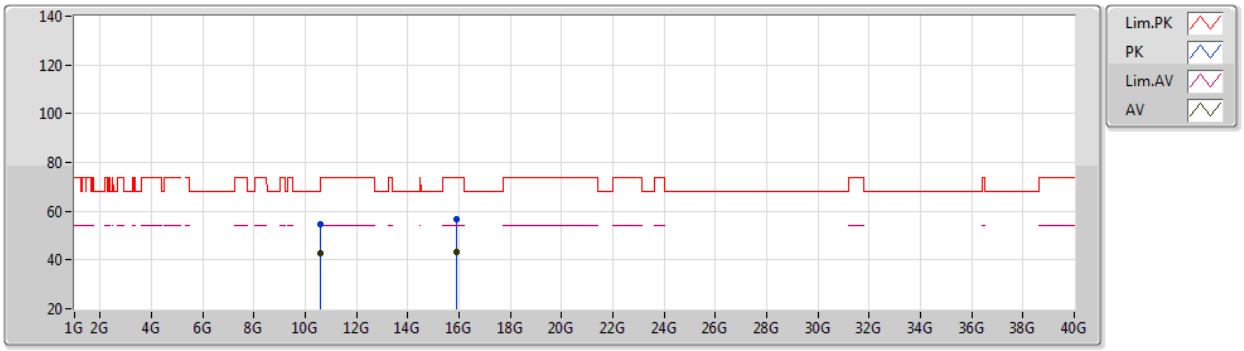

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.2968G | 99.59 | Inf | -Inf | 91.47 | 3 | Horizontal | 211 | 1.55 | - | 33.69 | 6.05 | 31.62 |
| AV | 5.2968G | 90.25 | Inf | -Inf | 82.13 | 3 | Horizontal | 211 | 1.55 | - | 33.69 | 6.05 | 31.62 |
| PK | 5.36G | 59.76 | 74.00 | -14.24 | 51.50 | 3 | Horizontal | 211 | 1.55 | - | 33.76 | 6.08 | 31.58 |
| AV | 5.366G | 47.55 | 54.00 | -6.45 | 39.27 | 3 | Horizontal | 211 | 1.55 | - | 33.77 | 6.08 | 31.57 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5300MHz_TX

28/08/2020



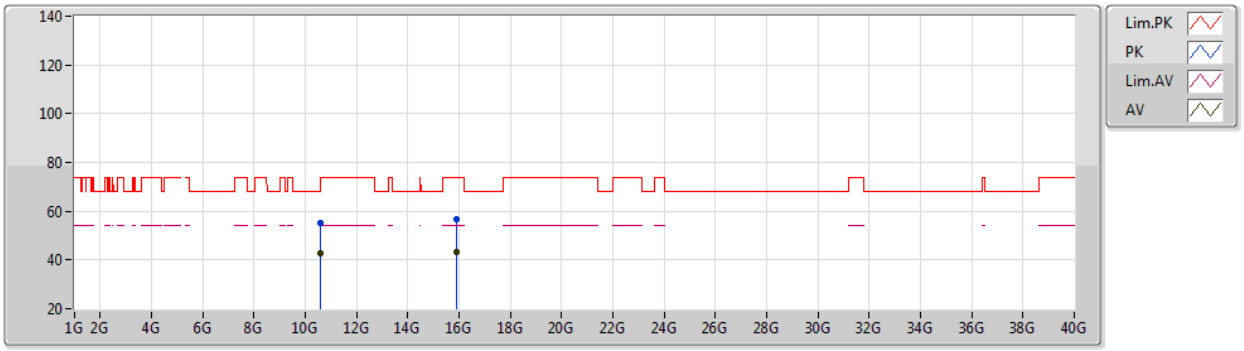

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.60057G | 54.87 | 74.00 | -19.13 | 40.19 | 3 | Vertical | 7 | 2.82 | - | 38.74 | 8.59 | 32.65 |
| AV | 10.60018G | 42.55 | 54.00 | -11.45 | 27.87 | 3 | Vertical | 7 | 2.82 | - | 38.74 | 8.59 | 32.65 |
| PK | 15.88968G | 56.94 | 74.00 | -17.06 | 42.73 | 3 | Vertical | 260 | 1.98 | - | 37.72 | 9.36 | 32.87 |
| AV | 15.91386G | 43.41 | 54.00 | -10.59 | 29.27 | 3 | Vertical | 260 | 1.98 | - | 37.65 | 9.37 | 32.88 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5300MHz_TX

28/08/2020



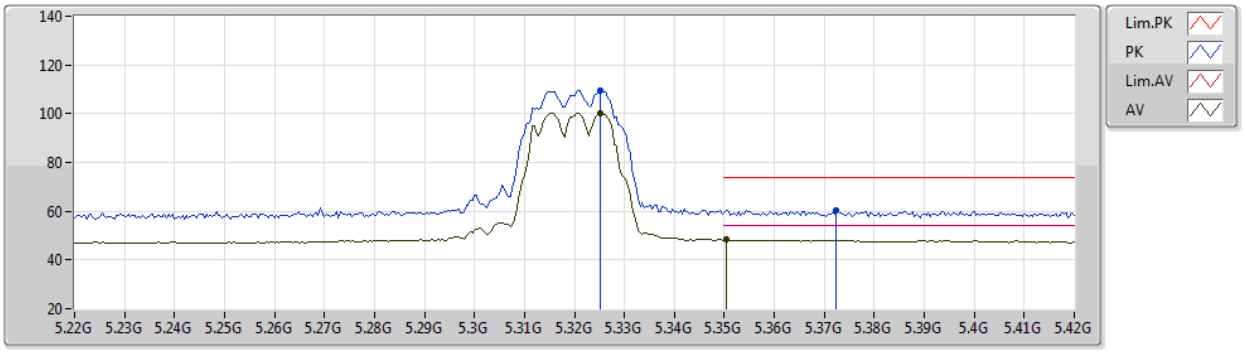

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.60069G | 55.31 | 74.00 | -18.69 | 40.63 | 3 | Horizontal | 171 | 1.50 | - | 38.74 | 8.59 | 32.65 |
| AV | 10.6G | 42.59 | 54.00 | -11.41 | 27.91 | 3 | Horizontal | 171 | 1.50 | - | 38.74 | 8.59 | 32.65 |
| PK | 15.88572G | 56.55 | 74.00 | -17.45 | 42.33 | 3 | Horizontal | 85 | 2.39 | - | 37.73 | 9.36 | 32.87 |
| AV | 15.91092G | 43.51 | 54.00 | -10.49 | 29.36 | 3 | Horizontal | 85 | 2.39 | - | 37.66 | 9.37 | 32.88 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5320MHz_TX

28/08/2020



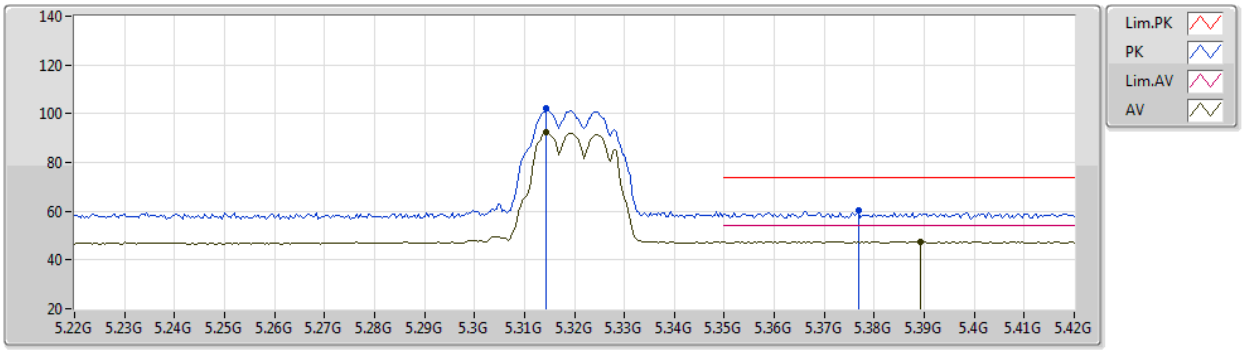

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.3252G | 109.73 | Inf | -Inf | 101.54 | 3 | Vertical | 48 | 2.41 | - | 33.73 | 6.06 | 31.60 |
| AV | 5.3252G | 100.24 | Inf | -Inf | 92.05 | 3 | Vertical | 48 | 2.41 | - | 33.73 | 6.06 | 31.60 |
| PK | 5.3724G | 60.42 | 74.00 | -13.58 | 52.13 | 3 | Vertical | 48 | 2.41 | - | 33.77 | 6.09 | 31.57 |
| AV | 5.3504G | 48.30 | 54.00 | -5.70 | 40.05 | 3 | Vertical | 48 | 2.41 | - | 33.75 | 6.08 | 31.58 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5320MHz_TX

28/08/2020



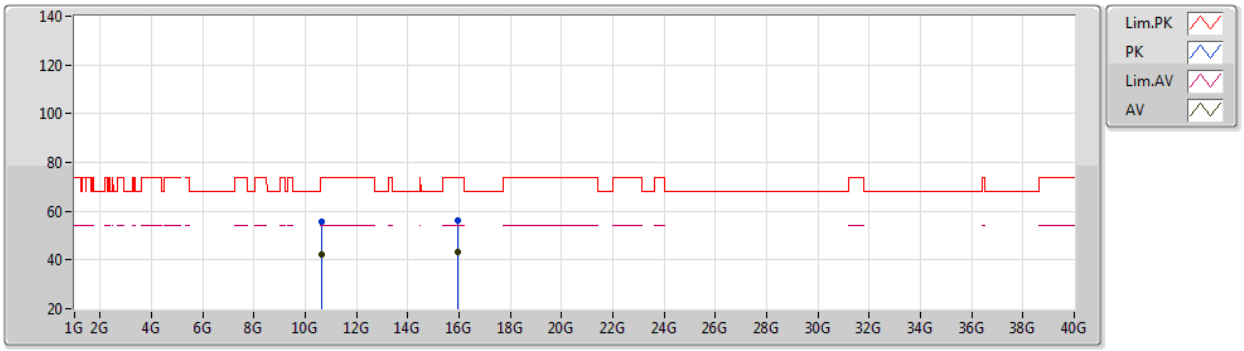

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.3144G | 102.08 | Inf | -Inf | 93.92 | 3 | Horizontal | 229 | 1.14 | - | 33.71 | 6.06 | 31.61 |
| AV | 5.3144G | 92.31 | Inf | -Inf | 84.15 | 3 | Horizontal | 229 | 1.14 | - | 33.71 | 6.06 | 31.61 |
| PK | 5.3768G | 60.38 | 74.00 | -13.62 | 52.08 | 3 | Horizontal | 229 | 1.14 | - | 33.78 | 6.09 | 31.57 |
| AV | 5.3892G | 47.57 | 54.00 | -6.43 | 39.25 | 3 | Horizontal | 229 | 1.14 | - | 33.79 | 6.09 | 31.56 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5320MHz_TX

28/08/2020



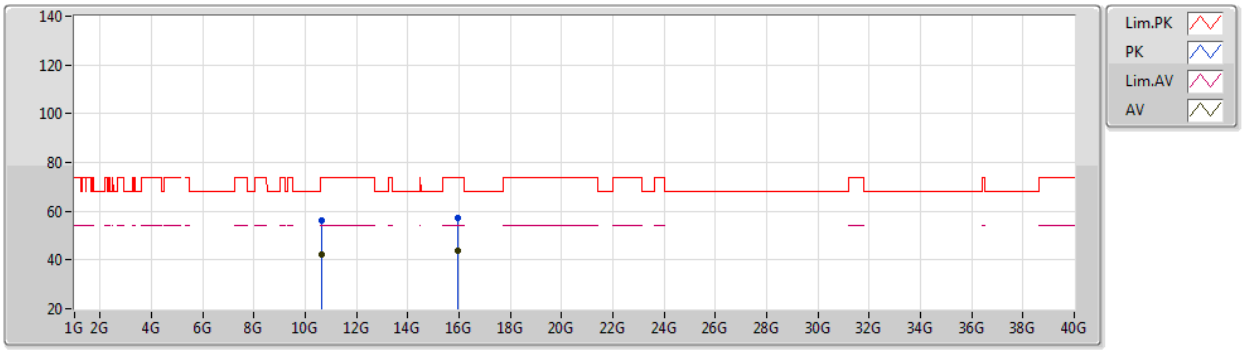

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.64048G | 55.60 | 74.00 | -18.40 | 40.94 | 3 | Vertical | 31 | 2.70 | - | 38.72 | 8.60 | 32.66 |
| AV | 10.63994G | 42.47 | 54.00 | -11.53 | 27.81 | 3 | Vertical | 31 | 2.70 | - | 38.72 | 8.60 | 32.66 |
| PK | 15.94698G | 56.41 | 74.00 | -17.59 | 42.36 | 3 | Vertical | 343 | 2.77 | - | 37.55 | 9.38 | 32.88 |
| AV | 15.9741G | 43.44 | 54.00 | -10.56 | 29.45 | 3 | Vertical | 343 | 2.77 | - | 37.48 | 9.39 | 32.88 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5320MHz_TX

28/08/2020



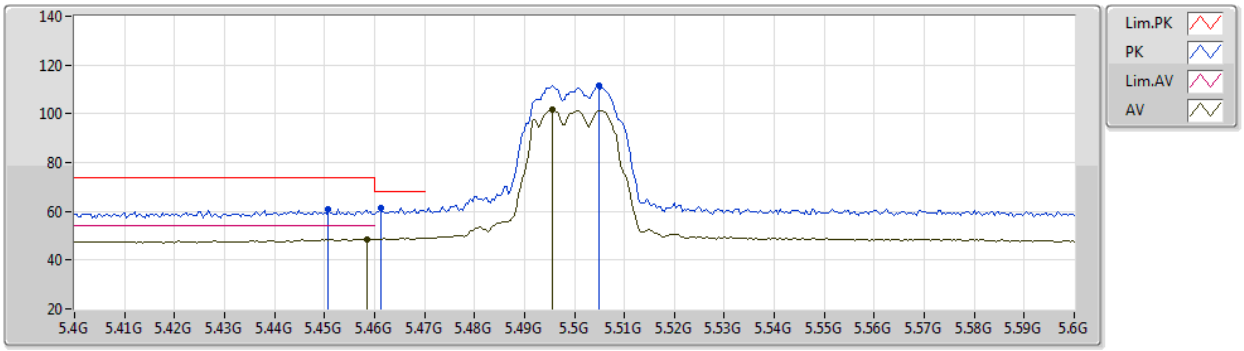

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.6355G | 56.02 | 74.00 | -17.98 | 41.36 | 3 | Horizontal | 0 | 1.80 | - | 38.72 | 8.60 | 32.66 |
| AV | 10.6397G | 42.42 | 54.00 | -11.58 | 27.76 | 3 | Horizontal | 0 | 1.80 | - | 38.72 | 8.60 | 32.66 |
| PK | 15.97194G | 57.05 | 74.00 | -16.95 | 43.06 | 3 | Horizontal | 343 | 2.78 | - | 37.48 | 9.39 | 32.88 |
| AV | 15.96048G | 43.60 | 54.00 | -10.40 | 29.58 | 3 | Horizontal | 343 | 2.78 | - | 37.51 | 9.39 | 32.88 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5500MHz_TX

28/08/2020



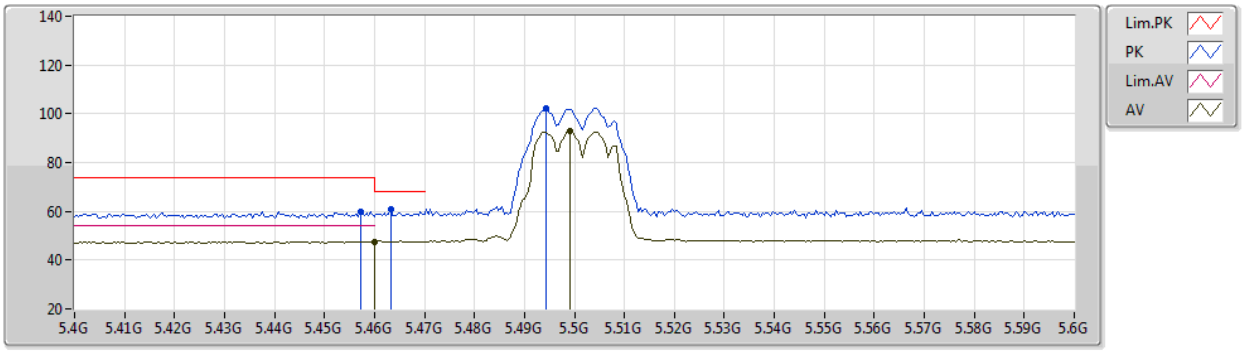

EUT X_2TX
Setting 53
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4508G | 60.95 | 74.00 | -13.05 | 52.45 | 3 | Vertical | 48 | 2.40 | - | 33.85 | 6.16 | 31.51 |
| PK | 5.4612G | 61.29 | 68.20 | -6.91 | 52.76 | 3 | Vertical | 48 | 2.40 | - | 33.86 | 6.17 | 31.50 |
| AV | 5.4584G | 48.62 | 54.00 | -5.38 | 40.10 | 3 | Vertical | 48 | 2.40 | - | 33.86 | 6.16 | 31.50 |
| PK | 5.5048G | 111.55 | Inf | -Inf | 102.91 | 3 | Vertical | 48 | 2.40 | - | 33.90 | 6.21 | 31.47 |
| AV | 5.4956G | 101.54 | Inf | -Inf | 92.90 | 3 | Vertical | 48 | 2.40 | - | 33.90 | 6.21 | 31.47 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5500MHz_TX

28/08/2020



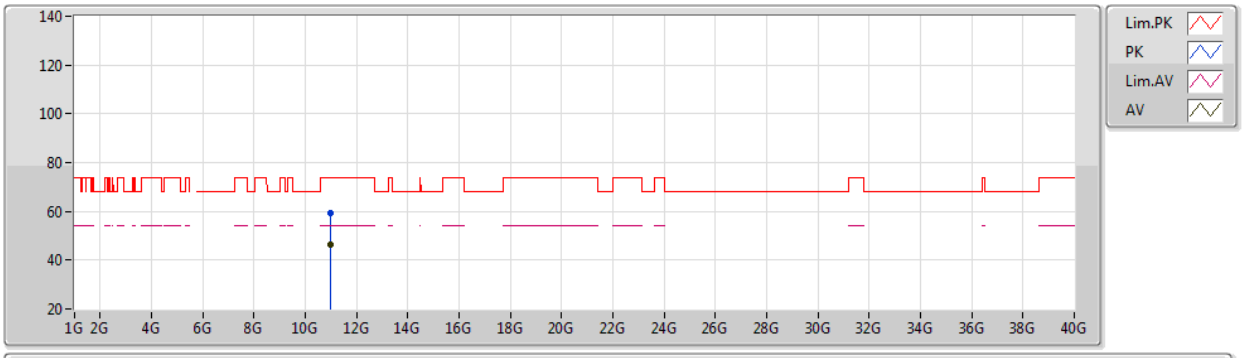

EUT X_2TX
Setting 53
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4572G | 59.86 | 74.00 | -14.14 | 51.34 | 3 | Horizontal | 226 | 1.06 | - | 33.86 | 6.16 | 31.50 |
| AV | 5.46G | 47.67 | 54.00 | -6.33 | 39.14 | 3 | Horizontal | 226 | 1.06 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.4632G | 60.64 | 68.20 | -7.56 | 52.11 | 3 | Horizontal | 226 | 1.06 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.4944G | 102.17 | Inf | -Inf | 93.55 | 3 | Horizontal | 226 | 1.06 | - | 33.89 | 6.20 | 31.47 |
| AV | 5.4992G | 92.93 | Inf | -Inf | 84.29 | 3 | Horizontal | 226 | 1.06 | - | 33.90 | 6.21 | 31.47 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5500MHz_TX

28/08/2020



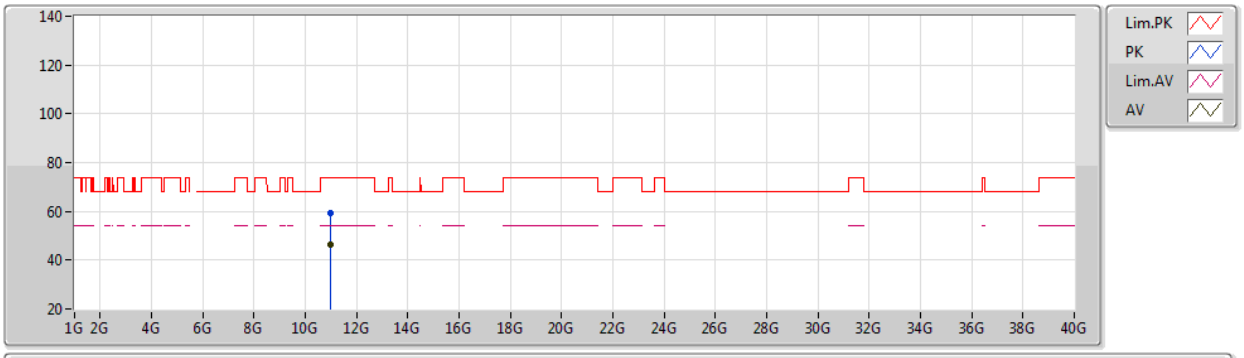

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.00036G | 59.41 | 74.00 | -14.59 | 44.96 | 3 | Vertical | 360 | 1.62 | - | 38.50 | 8.71 | 32.76 |
| AV | 10.99976G | 46.44 | 54.00 | -7.56 | 31.99 | 3 | Vertical | 360 | 1.62 | - | 38.50 | 8.71 | 32.76 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5500MHz_TX

28/08/2020



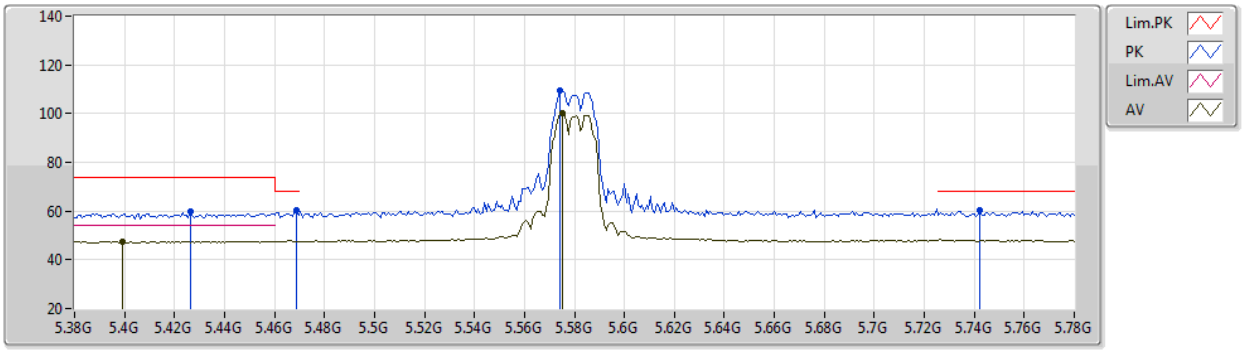

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.00036G | 59.31 | 74.00 | -14.69 | 44.86 | 3 | Horizontal | 283 | 1.13 | - | 38.50 | 8.71 | 32.76 |
| AV | 10.99988G | 46.20 | 54.00 | -7.80 | 31.75 | 3 | Horizontal | 283 | 1.13 | - | 38.50 | 8.71 | 32.76 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5580MHz_TX

28/08/2020



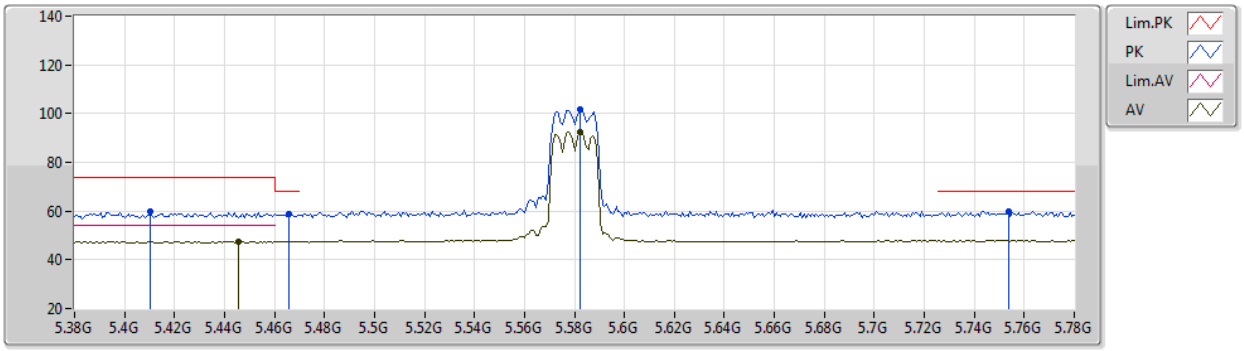

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4264G | 59.73 | 74.00 | -14.27 | 51.30 | 3 | Vertical | 0 | 2.05 | - | 33.83 | 6.13 | 31.53 |
| AV | 5.3992G | 47.62 | 54.00 | -6.38 | 39.27 | 3 | Vertical | 0 | 2.05 | - | 33.80 | 6.10 | 31.55 |
| PK | 5.4688G | 60.27 | 68.20 | -7.93 | 51.71 | 3 | Vertical | 0 | 2.05 | - | 33.87 | 6.18 | 31.49 |
| PK | 5.5744G | 109.54 | Inf | -Inf | 100.83 | 3 | Vertical | 0 | 2.05 | - | 33.90 | 6.28 | 31.47 |
| AV | 5.5752G | 100.29 | Inf | -Inf | 91.58 | 3 | Vertical | 0 | 2.05 | - | 33.90 | 6.28 | 31.47 |
| PK | 5.7424G | 60.40 | 68.20 | -7.80 | 51.69 | 3 | Vertical | 0 | 2.05 | - | 33.80 | 6.37 | 31.46 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5580MHz_TX



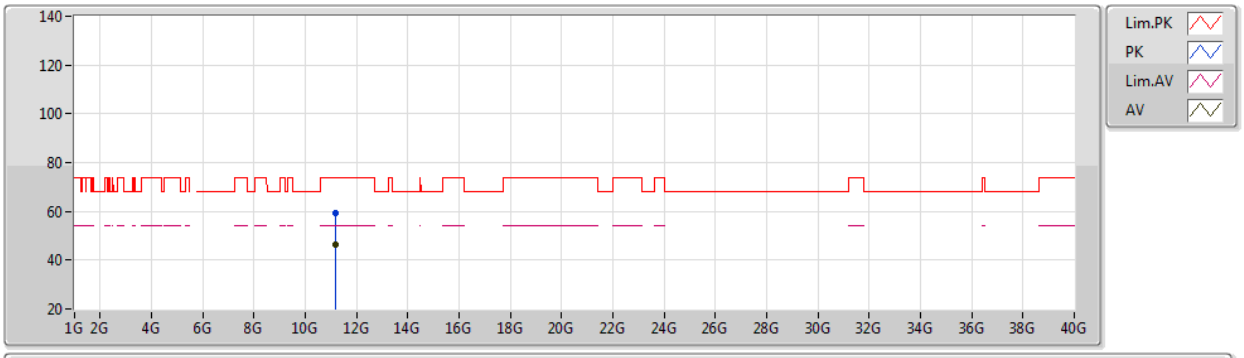

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4104G | 59.96 | 74.00 | -14.04 | 51.58 | 3 | Horizontal | 217 | 2.92 | - | 33.81 | 6.11 | 31.54 |
| PK | 5.4656G | 58.58 | 68.20 | -9.62 | 50.04 | 3 | Horizontal | 217 | 2.92 | - | 33.87 | 6.17 | 31.50 |
| AV | 5.4456G | 47.46 | 54.00 | -6.54 | 38.97 | 3 | Horizontal | 217 | 2.92 | - | 33.85 | 6.15 | 31.51 |
| PK | 5.5824G | 101.61 | Inf | -Inf | 92.90 | 3 | Horizontal | 217 | 2.92 | - | 33.90 | 6.28 | 31.47 |
| AV | 5.5824G | 92.51 | Inf | -Inf | 83.80 | 3 | Horizontal | 217 | 2.92 | - | 33.90 | 6.28 | 31.47 |
| PK | 5.7536G | 59.85 | 68.20 | -8.35 | 51.13 | 3 | Horizontal | 217 | 2.92 | - | 33.80 | 6.38 | 31.46 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5580MHz_TX

28/08/2020



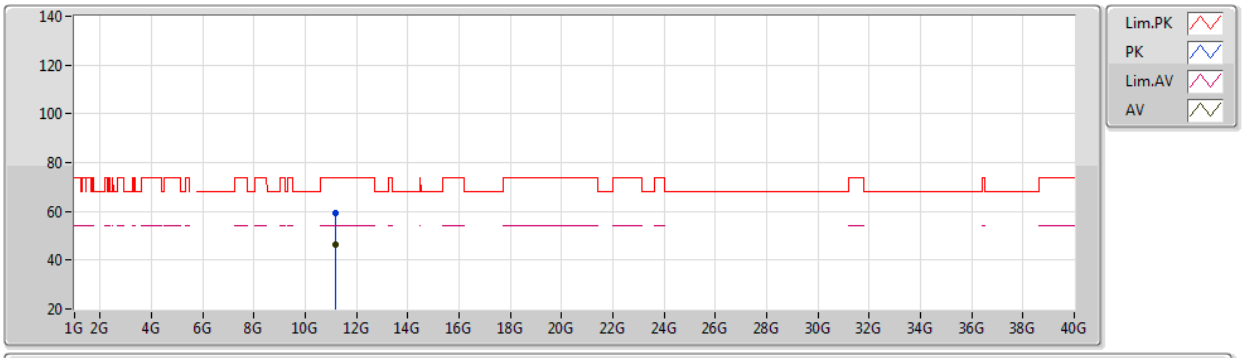

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.15898G | 59.29 | 74.00 | -14.71 | 44.69 | 3 | Vertical | 198 | 1.12 | - | 38.63 | 8.76 | 32.79 |
| AV | 11.15898G | 46.33 | 54.00 | -7.67 | 31.73 | 3 | Vertical | 198 | 1.12 | - | 38.63 | 8.76 | 32.79 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5580MHz_TX

28/08/2020



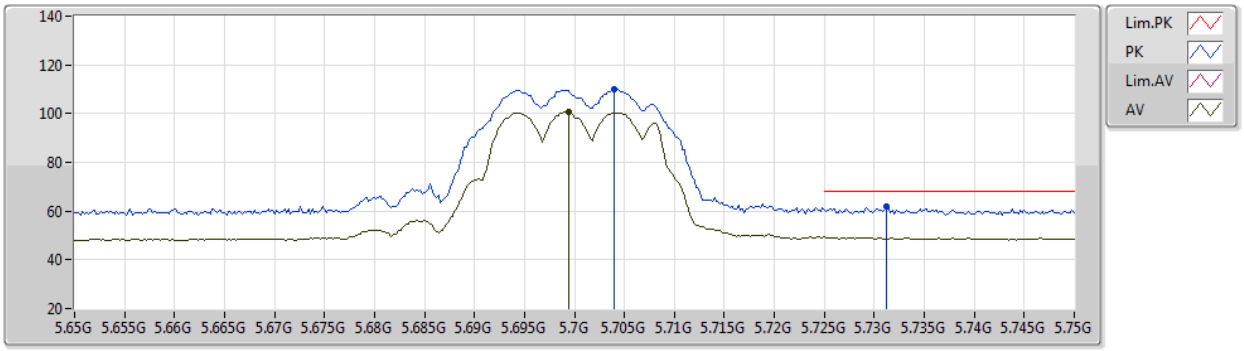

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.15886G | 59.52 | 74.00 | -14.48 | 44.92 | 3 | Horizontal | 294 | 1.49 | - | 38.63 | 8.76 | 32.79 |
| AV | 11.15898G | 46.53 | 54.00 | -7.47 | 31.93 | 3 | Horizontal | 294 | 1.49 | - | 38.63 | 8.76 | 32.79 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5700MHz_TX

28/08/2020



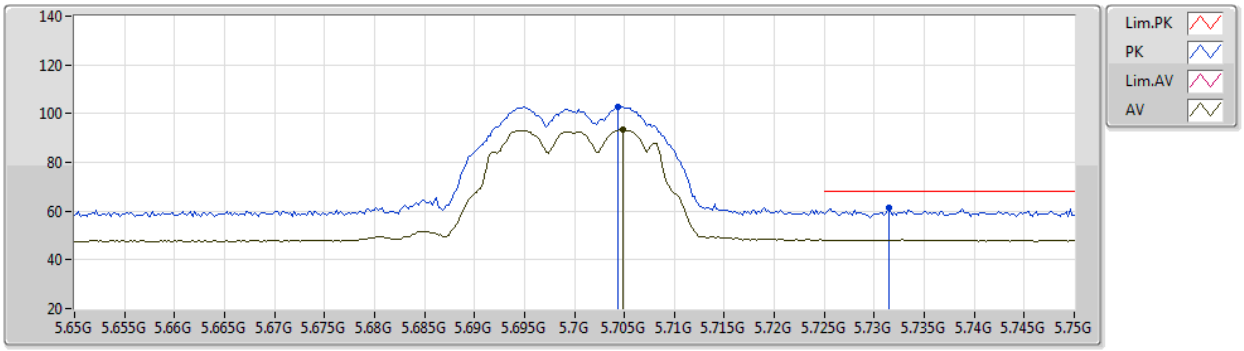

EUT X_2TX
Setting 53
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.704G | 109.83 | Inf | -Inf | 101.14 | 3 | Vertical | 7 | 2.08 | - | 33.80 | 6.35 | 31.46 |
| AV | 5.6994G | 100.54 | Inf | -Inf | 91.85 | 3 | Vertical | 7 | 2.08 | - | 33.80 | 6.35 | 31.46 |
| PK | 5.7312G | 61.64 | 68.20 | -6.56 | 52.93 | 3 | Vertical | 7 | 2.08 | - | 33.80 | 6.37 | 31.46 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5700MHz_TX

28/08/2020



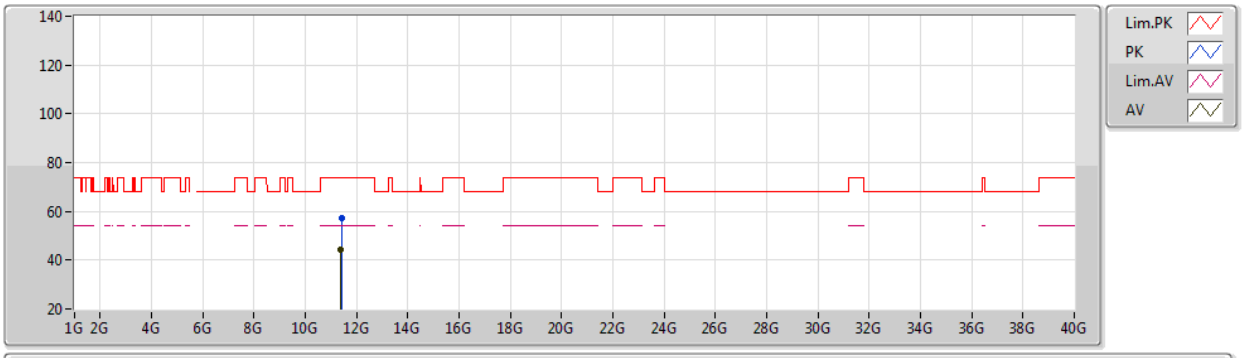

EUT X_2TX
Setting 53
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.7044G | 102.72 | Inf | -Inf | 94.03 | 3 | Horizontal | 132 | 1.00 | - | 33.80 | 6.35 | 31.46 |
| AV | 5.7048G | 93.36 | Inf | -Inf | 84.67 | 3 | Horizontal | 132 | 1.00 | - | 33.80 | 6.35 | 31.46 |
| PK | 5.7314G | 61.13 | 68.20 | -7.07 | 52.42 | 3 | Horizontal | 132 | 1.00 | - | 33.80 | 6.37 | 31.46 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5700MHz_TX

28/08/2020



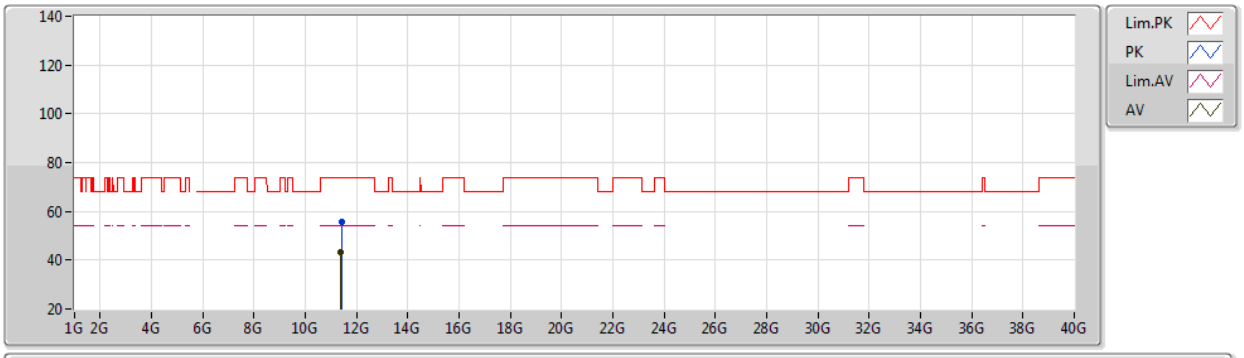

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.4036G | 57.30 | 74.00 | -16.70 | 42.48 | 3 | Vertical | 0 | 1.61 | - | 38.82 | 8.83 | 32.83 |
| AV | 11.39952G | 44.46 | 54.00 | -9.54 | 29.64 | 3 | Vertical | 0 | 1.61 | - | 38.82 | 8.83 | 32.83 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5700MHz_TX

28/08/2020



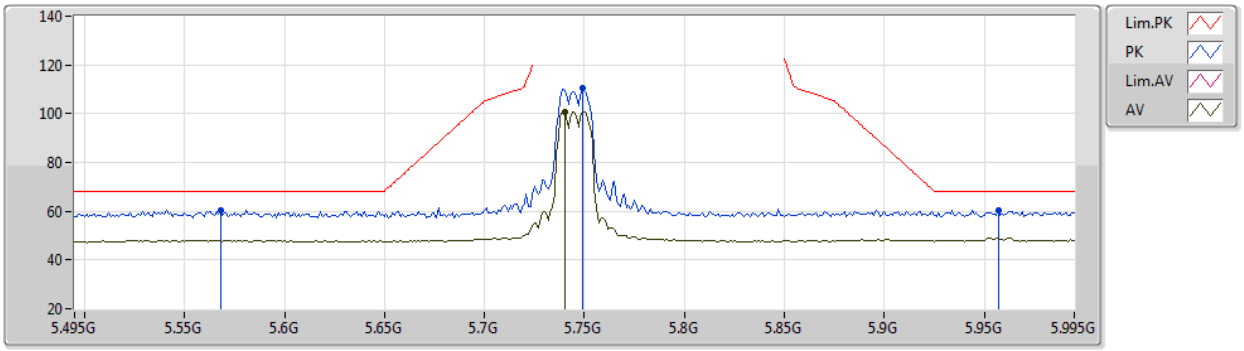

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.4042G | 55.75 | 74.00 | -18.25 | 40.93 | 3 | Horizontal | 61 | 2.71 | - | 38.82 | 8.83 | 32.83 |
| AV | 11.39916G | 43.11 | 54.00 | -10.89 | 28.29 | 3 | Horizontal | 61 | 2.71 | - | 38.82 | 8.83 | 32.83 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5745MHz_TX



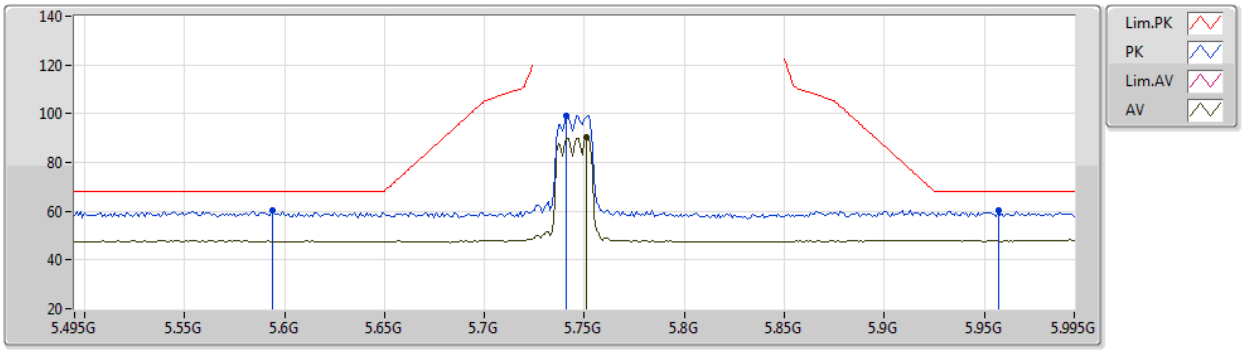

EUT X_2TX
Setting 51
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.568G | 60.37 | 68.20 | -7.83 | 51.67 | 3 | Vertical | 3 | 2.25 | - | 33.90 | 6.27 | 31.47 |
| PK | 5.749G | 110.56 | Inf | -Inf | 101.85 | 3 | Vertical | 3 | 2.25 | - | 33.80 | 6.37 | 31.46 |
| AV | 5.74G | 100.66 | Inf | -Inf | 91.95 | 3 | Vertical | 3 | 2.25 | - | 33.80 | 6.37 | 31.46 |
| PK | 5.957G | 60.28 | 68.20 | -7.92 | 51.25 | 3 | Vertical | 3 | 2.25 | - | 34.16 | 6.32 | 31.45 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5745MHz_TX



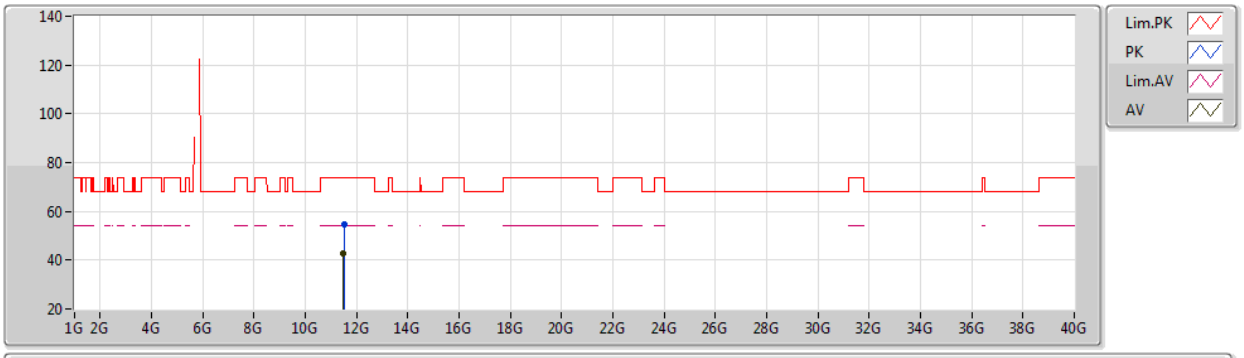

EUT X_2TX
Setting 51
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.594G | 60.41 | 68.20 | -7.79 | 51.69 | 3 | Horizontal | 203 | 2.14 | - | 33.90 | 6.29 | 31.47 |
| PK | 5.741G | 99.18 | Inf | -Inf | 90.47 | 3 | Horizontal | 203 | 2.14 | - | 33.80 | 6.37 | 31.46 |
| AV | 5.751G | 90.21 | Inf | -Inf | 81.49 | 3 | Horizontal | 203 | 2.14 | - | 33.80 | 6.38 | 31.46 |
| PK | 5.957G | 60.22 | 68.20 | -7.98 | 51.19 | 3 | Horizontal | 203 | 2.14 | - | 34.16 | 6.32 | 31.45 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5745MHz_TX



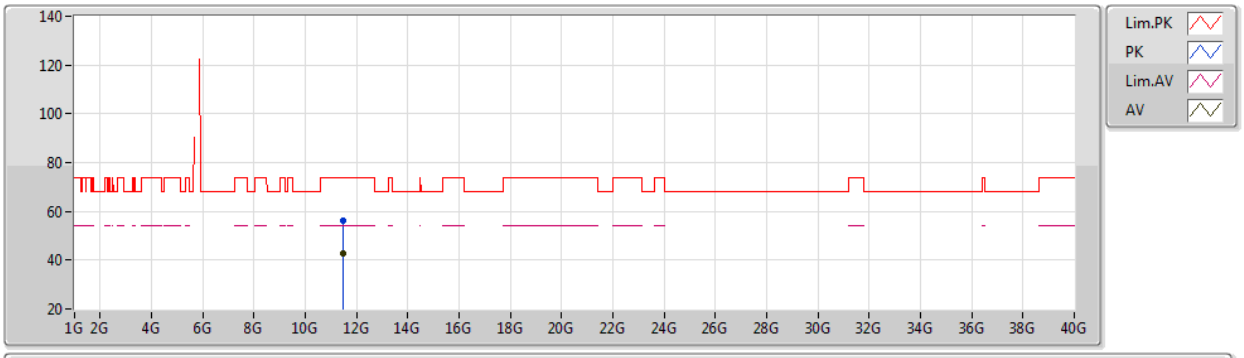

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.5002G | 54.84 | 74.00 | -19.16 | 39.93 | 3 | Vertical | 229 | 2.53 | - | 38.90 | 8.86 | 32.85 |
| AV | 11.48088G | 42.78 | 54.00 | -11.22 | 27.90 | 3 | Vertical | 229 | 2.53 | - | 38.88 | 8.85 | 32.85 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5745MHz_TX



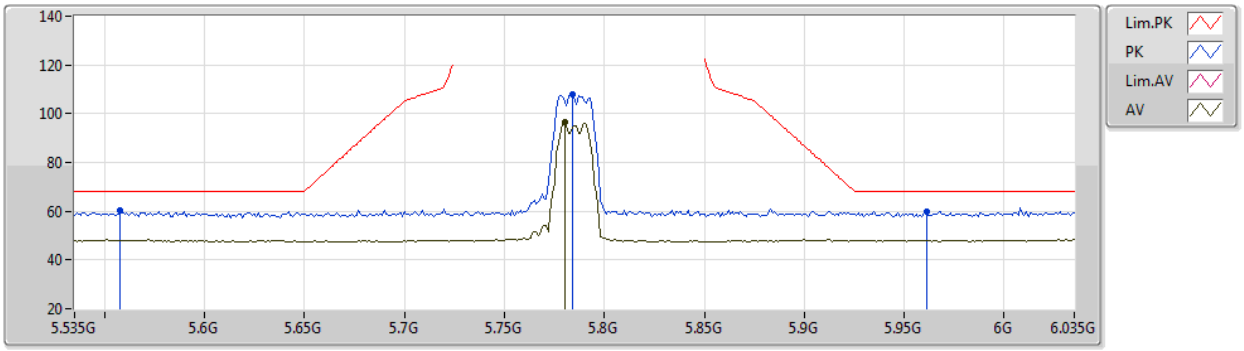

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.4945G | 55.97 | 74.00 | -18.03 | 41.07 | 3 | Horizontal | 24 | 3.00 | - | 38.90 | 8.85 | 32.85 |
| AV | 11.48946G | 42.54 | 54.00 | -11.46 | 27.65 | 3 | Horizontal | 24 | 3.00 | - | 38.89 | 8.85 | 32.85 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5785MHz_TX



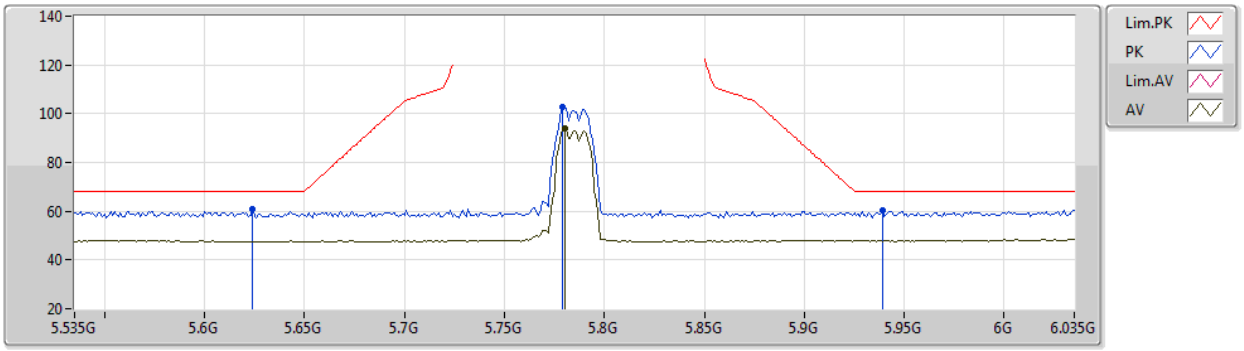

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.558G | 60.50 | 68.20 | -7.70 | 51.81 | 3 | Vertical | 70 | 2.22 | - | 33.90 | 6.26 | 31.47 |
| PK | 5.784G | 107.83 | Inf | -Inf | 99.10 | 3 | Vertical | 70 | 2.22 | - | 33.80 | 6.39 | 31.46 |
| AV | 5.78G | 96.46 | Inf | -Inf | 87.73 | 3 | Vertical | 70 | 2.22 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.961G | 59.71 | 68.20 | -8.49 | 50.68 | 3 | Vertical | 70 | 2.22 | - | 34.16 | 6.32 | 31.45 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5785MHz_TX



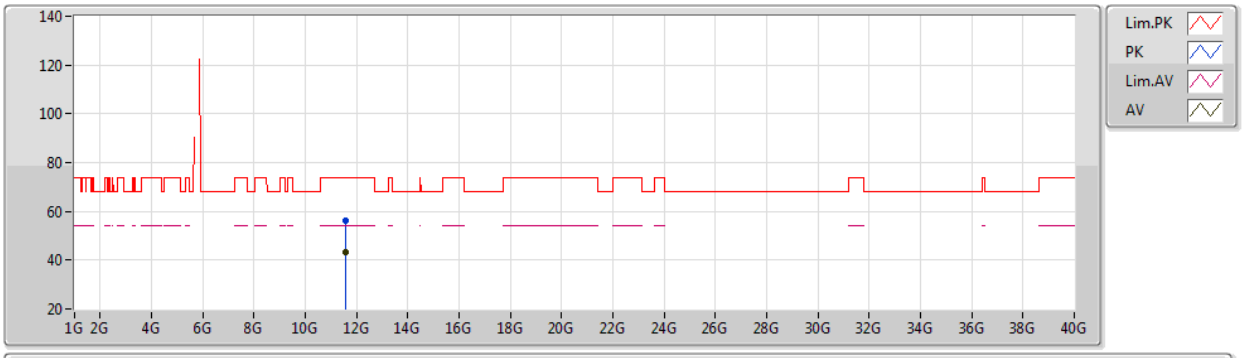

EUT X_2TX
Setting 52
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.624G | 60.76 | 68.20 | -7.44 | 52.04 | 3 | Horizontal | 133 | 1.03 | - | 33.88 | 6.31 | 31.47 |
| PK | 5.779G | 102.78 | Inf | -Inf | 94.05 | 3 | Horizontal | 133 | 1.03 | - | 33.80 | 6.39 | 31.46 |
| AV | 5.78G | 94.02 | Inf | -Inf | 85.29 | 3 | Horizontal | 133 | 1.03 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.939G | 60.16 | 68.20 | -8.04 | 51.14 | 3 | Horizontal | 133 | 1.03 | - | 34.14 | 6.33 | 31.45 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5785MHz_TX



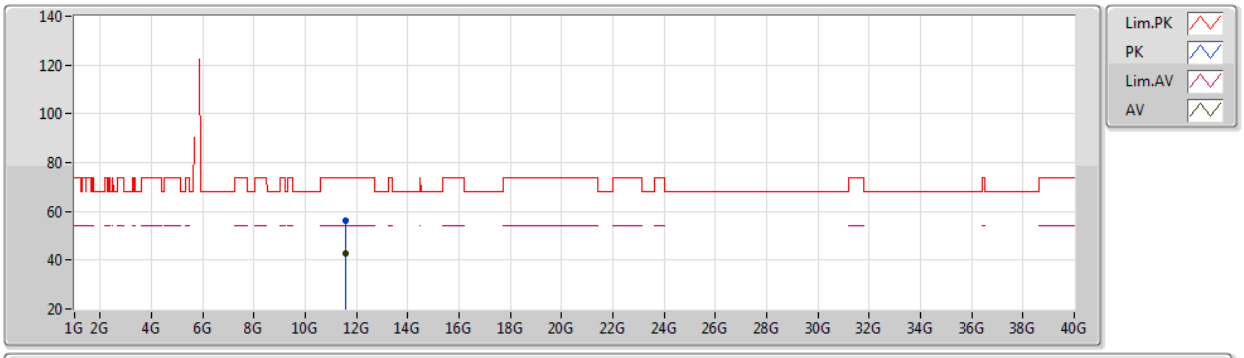

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.57402G | 56.45 | 74.00 | -17.55 | 41.47 | 3 | Vertical | 27 | 1.36 | - | 38.96 | 8.88 | 32.86 |
| AV | 11.5745G | 43.20 | 54.00 | -10.80 | 28.22 | 3 | Vertical | 27 | 1.36 | - | 38.96 | 8.88 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5785MHz_TX



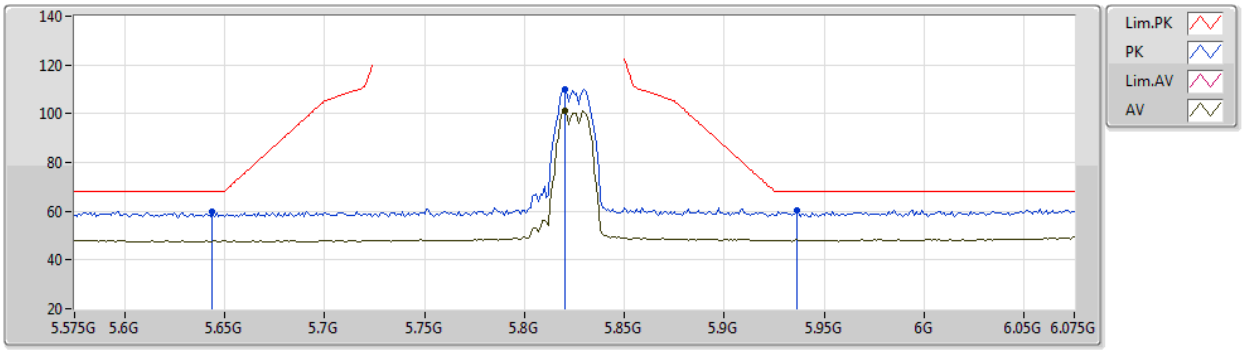

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.5694G | 56.27 | 74.00 | -17.73 | 41.29 | 3 | Horizontal | 152 | 1.60 | - | 38.96 | 8.88 | 32.86 |
| AV | 11.57432G | 42.80 | 54.00 | -11.20 | 27.82 | 3 | Horizontal | 152 | 1.60 | - | 38.96 | 8.88 | 32.86 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5825MHz_TX

28/08/2020



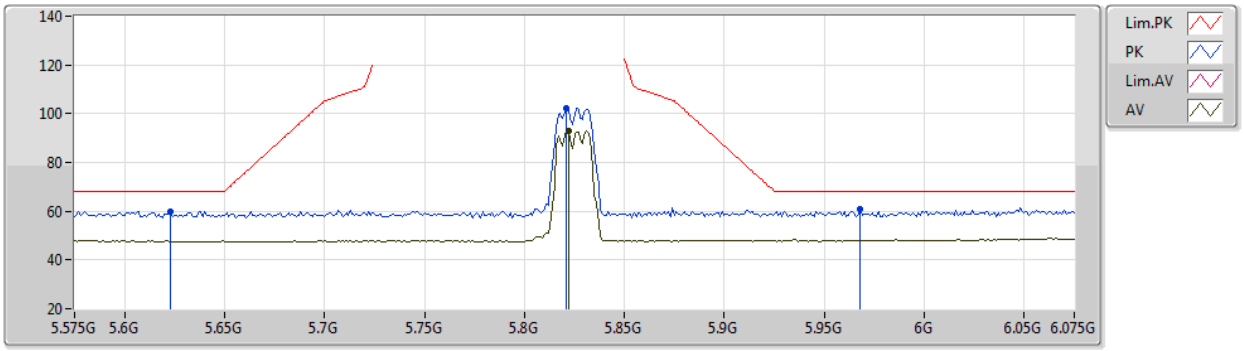

EUT X_2TX
Setting 50
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.644G | 59.78 | 68.20 | -8.42 | 51.07 | 3 | Vertical | 0 | 2.29 | - | 33.86 | 6.32 | 31.47 |
| PK | 5.82G | 110.24 | Inf | -Inf | 101.45 | 3 | Vertical | 0 | 2.29 | - | 33.86 | 6.39 | 31.46 |
| AV | 5.82G | 101.16 | Inf | -Inf | 92.37 | 3 | Vertical | 0 | 2.29 | - | 33.86 | 6.39 | 31.46 |
| PK | 5.936G | 60.33 | 68.20 | -7.87 | 51.31 | 3 | Vertical | 0 | 2.29 | - | 34.14 | 6.33 | 31.45 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

### 5825MHz_TX



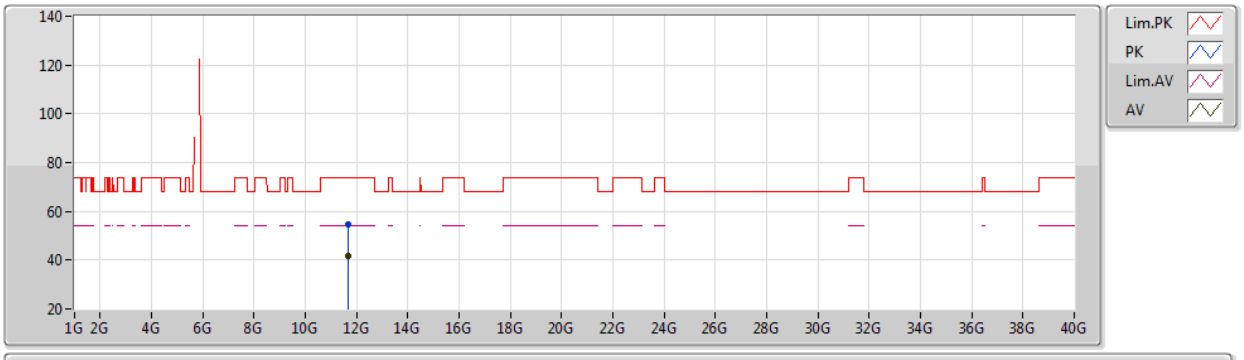

EUT X_2TX
Setting 50
02-C-K-4-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.623G | 60.05 | 68.20 | -8.15 | 51.33 | 3 | Horizontal | 244 | 1.00 | - | 33.88 | 6.31 | 31.47 |
| PK | 5.821G | 102.43 | Inf | -Inf | 93.64 | 3 | Horizontal | 244 | 1.00 | - | 33.86 | 6.39 | 31.46 |
| AV | 5.822G | 92.98 | Inf | -Inf | 84.18 | 3 | Horizontal | 244 | 1.00 | - | 33.87 | 6.39 | 31.46 |
| PK | 5.968G | 60.65 | 68.20 | -7.55 | 51.61 | 3 | Horizontal | 244 | 1.00 | - | 34.17 | 6.32 | 31.45 |

## 802.11a_Nss1,(6Mbps)_2TX

## 5825MHz_TX

28/08/2020



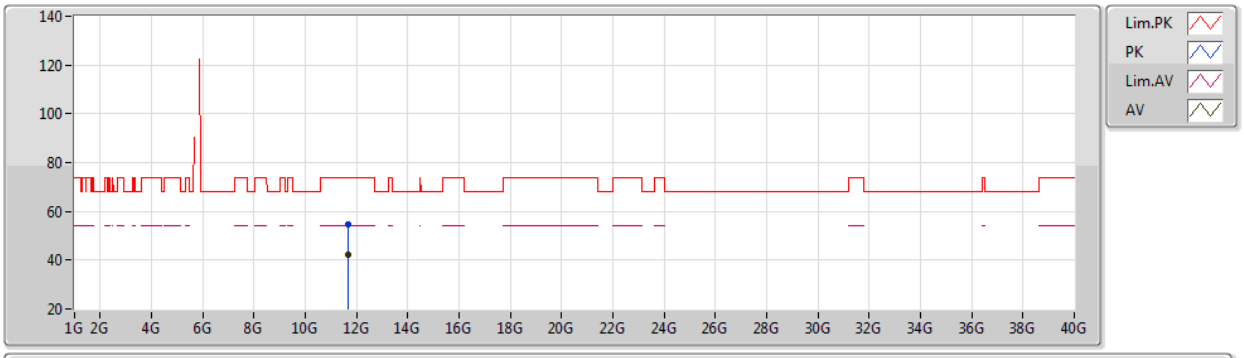

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.65894G | 54.58 | 74.00 | -19.42 | 39.53 | 3 | Vertical | 358 | 2.45 | - | 39.03 | 8.90 | 32.88 |
| AV | 11.64964G | 41.93 | 54.00 | -12.07 | 26.89 | 3 | Vertical | 358 | 2.45 | - | 39.02 | 8.90 | 32.88 |

## 802.11a_Nss1,(6Mbps)_2TX

28/08/2020

## 5825MHz_TX



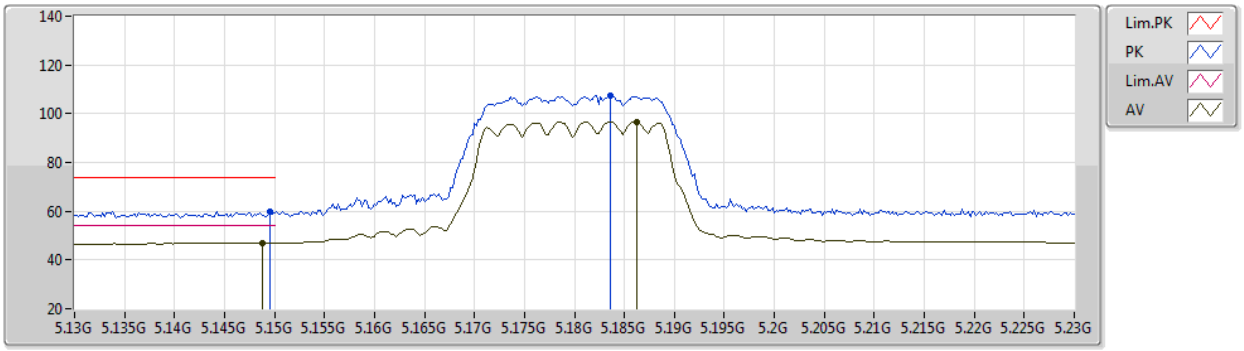

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.6488G | 54.40 | 74.00 | -19.60 | 39.36 | 3 | Horizontal | 336 | 1.14 | - | 39.02 | 8.90 | 32.88 |
| AV | 11.6491G | 42.09 | 54.00 | -11.91 | 27.05 | 3 | Horizontal | 336 | 1.14 | - | 39.02 | 8.90 | 32.88 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5180MHz_TX



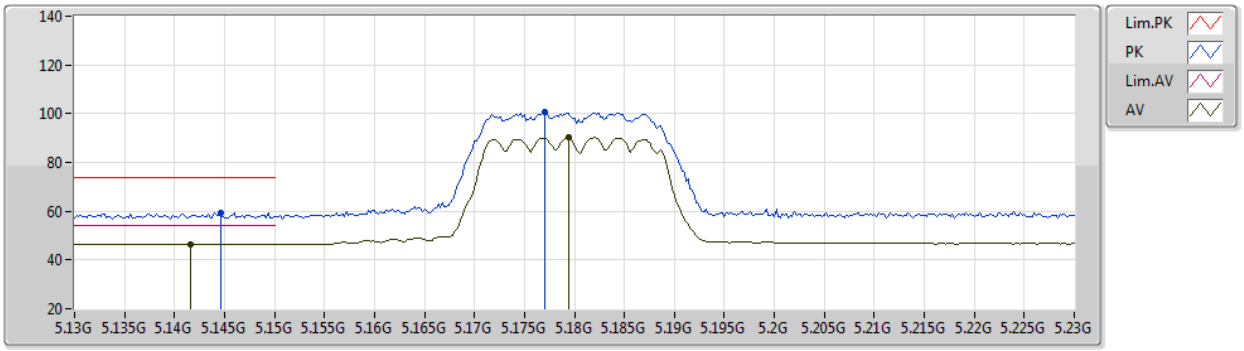

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1496G | 59.79 | 74.00 | -14.21 | 52.10 | 3 | Vertical | 344 | 1.75 | - | 33.45 | 5.97 | 31.73 |
| AV | 5.1488G | 46.89 | 54.00 | -7.11 | 39.20 | 3 | Vertical | 344 | 1.75 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.1836G | 107.27 | Inf | -Inf | 99.50 | 3 | Vertical | 344 | 1.75 | - | 33.48 | 5.99 | 31.70 |
| AV | 5.1862G | 96.63 | Inf | -Inf | 88.85 | 3 | Vertical | 344 | 1.75 | - | 33.49 | 5.99 | 31.70 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5180MHz_TX



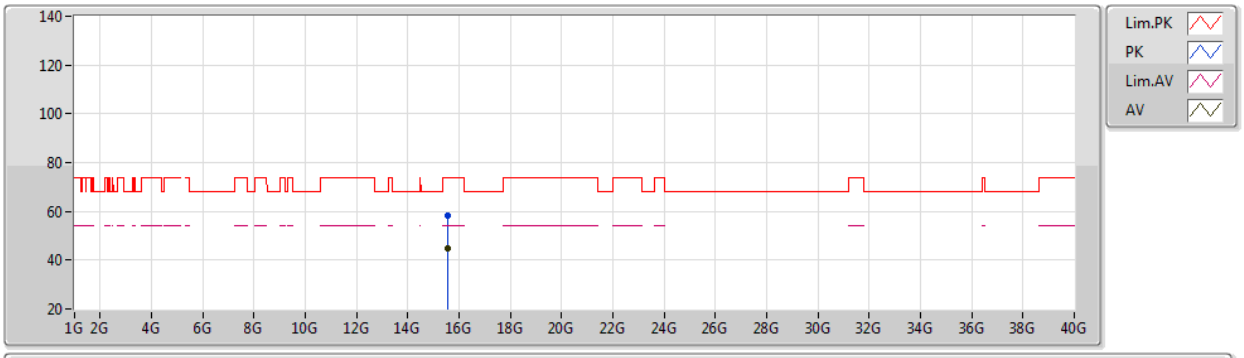

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1446G | 59.54 | 74.00 | -14.46 | 51.86 | 3 | Horizontal | 227 | 1.10 | - | 33.44 | 5.97 | 31.73 |
| AV | 5.1416G | 46.56 | 54.00 | -7.44 | 38.88 | 3 | Horizontal | 227 | 1.10 | - | 33.44 | 5.97 | 31.73 |
| PK | 5.177G | 100.45 | Inf | -Inf | 92.69 | 3 | Horizontal | 227 | 1.10 | - | 33.48 | 5.99 | 31.71 |
| AV | 5.1794G | 90.13 | Inf | -Inf | 82.36 | 3 | Horizontal | 227 | 1.10 | - | 33.48 | 5.99 | 31.70 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5180MHz_TX



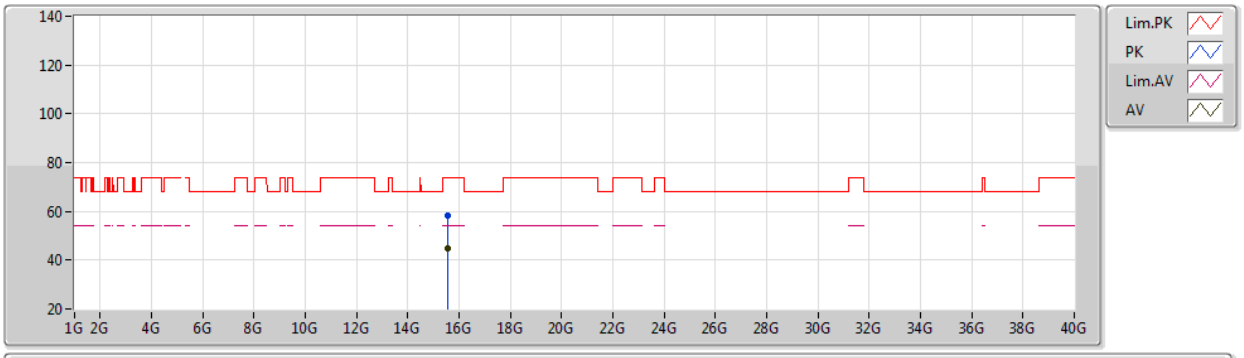

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.55392G | 58.24 | 74.00 | -15.76 | 43.16 | 3 | Vertical | 255 | 2.72 | - | 38.69 | 9.25 | 32.86 |
| AV | 15.55374G | 44.93 | 54.00 | -9.07 | 29.85 | 3 | Vertical | 255 | 2.72 | - | 38.69 | 9.25 | 32.86 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5180MHz_TX

28/08/2020



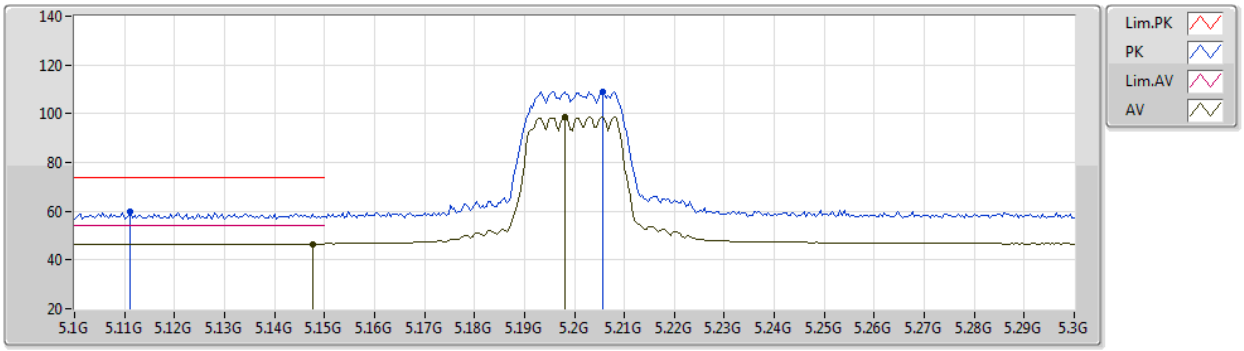

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.5538G | 58.32 | 74.00 | -15.68 | 43.24 | 3 | Horizontal | 144 | 1.42 | - | 38.69 | 9.25 | 32.86 |
| AV | 15.55416G | 44.97 | 54.00 | -9.03 | 29.89 | 3 | Horizontal | 144 | 1.42 | - | 38.69 | 9.25 | 32.86 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5200MHz_TX



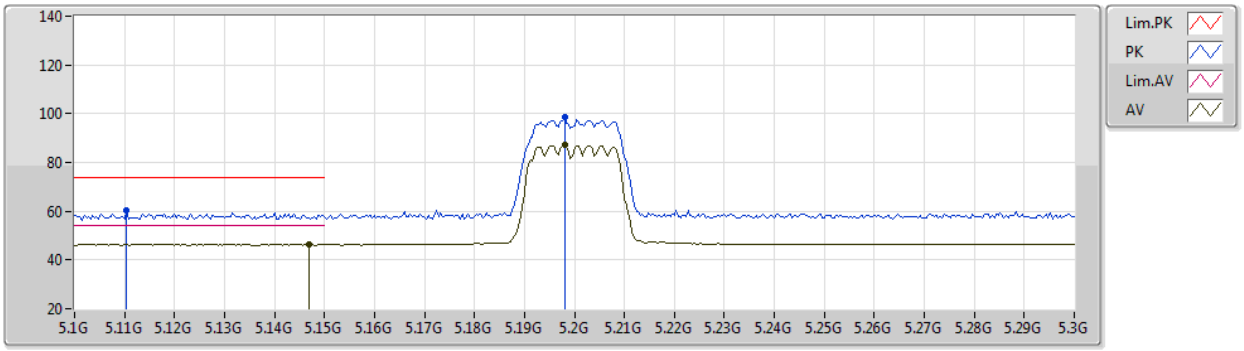

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1112G | 59.74 | 74.00 | -14.26 | 52.12 | 3 | Vertical | 41 | 2.39 | - | 33.41 | 5.96 | 31.75 |
| AV | 5.1476G | 46.63 | 54.00 | -7.37 | 38.94 | 3 | Vertical | 41 | 2.39 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.2056G | 109.22 | Inf | -Inf | 101.40 | 3 | Vertical | 41 | 2.39 | - | 33.51 | 6.00 | 31.69 |
| AV | 5.198G | 98.73 | Inf | -Inf | 90.92 | 3 | Vertical | 41 | 2.39 | - | 33.50 | 6.00 | 31.69 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5200MHz_TX

28/08/2020



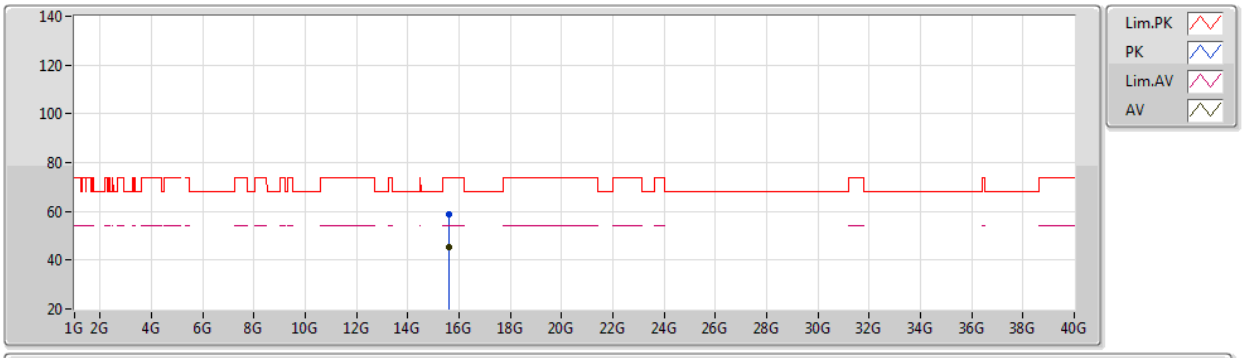

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1104G | 60.14 | 74.00 | -13.86 | 52.52 | 3 | Horizontal | 202 | 1.80 | - | 33.41 | 5.96 | 31.75 |
| AV | 5.1468G | 46.32 | 54.00 | -7.68 | 38.63 | 3 | Horizontal | 202 | 1.80 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.198G | 98.42 | Inf | -Inf | 90.61 | 3 | Horizontal | 202 | 1.80 | - | 33.50 | 6.00 | 31.69 |
| AV | 5.198G | 87.04 | Inf | -Inf | 79.23 | 3 | Horizontal | 202 | 1.80 | - | 33.50 | 6.00 | 31.69 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5200MHz_TX

28/08/2020



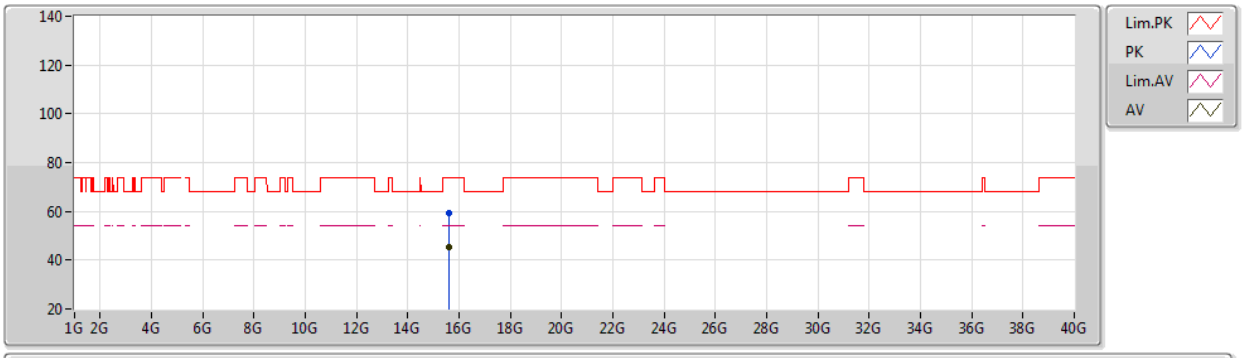

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.60078G | 58.84 | 74.00 | -15.16 | 43.87 | 3 | Vertical | 185 | 2.59 | - | 38.56 | 9.27 | 32.86 |
| AV | 15.60396G | 45.11 | 54.00 | -8.89 | 30.15 | 3 | Vertical | 185 | 2.59 | - | 38.55 | 9.27 | 32.86 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5200MHz_TX

28/08/2020



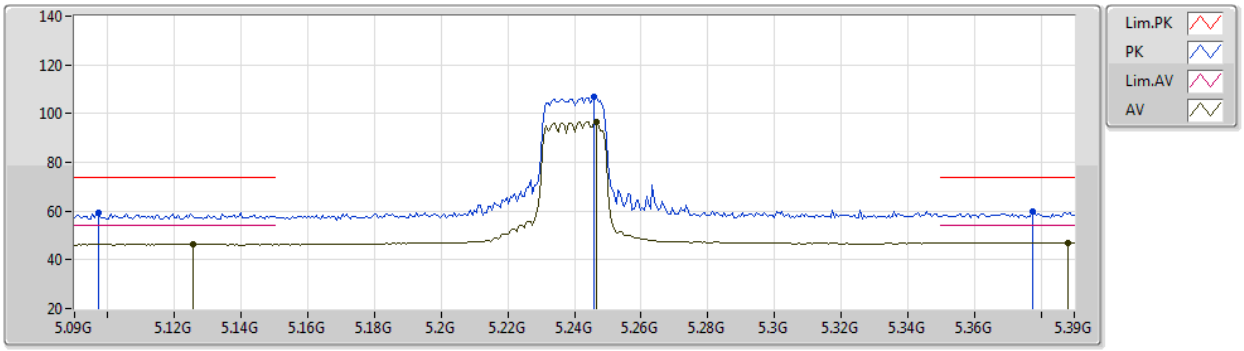

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.5889G | 59.40 | 74.00 | -14.60 | 44.41 | 3 | Horizontal | 45 | 2.50 | - | 38.59 | 9.26 | 32.86 |
| AV | 15.5898G | 45.11 | 54.00 | -8.89 | 30.12 | 3 | Horizontal | 45 | 2.50 | - | 38.59 | 9.26 | 32.86 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5240MHz_TX

28/08/2020



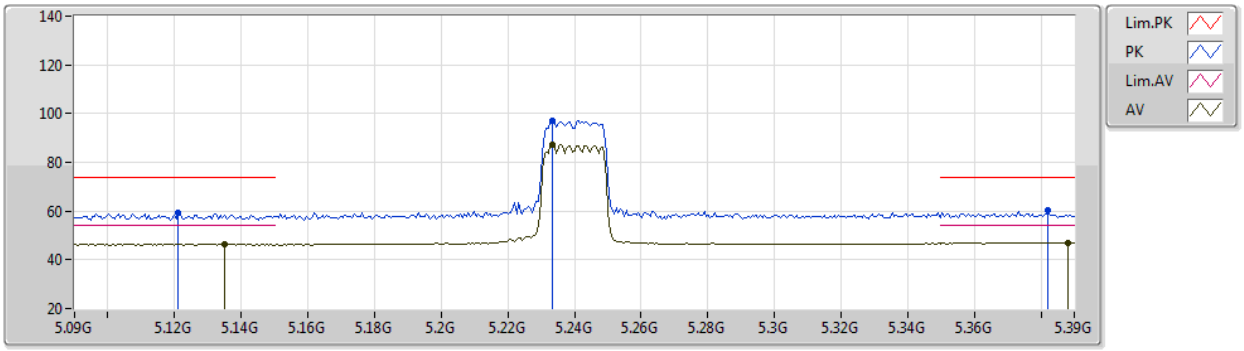

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.0972G | 59.13 | 74.00 | -14.87 | 51.54 | 3 | Vertical | 340 | 1.80 | - | 33.40 | 5.95 | 31.76 |
| AV | 5.1254G | 46.36 | 54.00 | -7.64 | 38.71 | 3 | Vertical | 340 | 1.80 | - | 33.43 | 5.96 | 31.74 |
| PK | 5.246G | 106.99 | Inf | -Inf | 99.04 | 3 | Vertical | 340 | 1.80 | - | 33.59 | 6.02 | 31.66 |
| AV | 5.2466G | 96.63 | Inf | -Inf | 88.68 | 3 | Vertical | 340 | 1.80 | - | 33.59 | 6.02 | 31.66 |
| PK | 5.3774G | 59.80 | 74.00 | -14.20 | 51.50 | 3 | Vertical | 340 | 1.80 | - | 33.78 | 6.09 | 31.57 |
| AV | 5.3882G | 46.99 | 54.00 | -7.01 | 38.67 | 3 | Vertical | 340 | 1.80 | - | 33.79 | 6.09 | 31.56 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5240MHz_TX

28/08/2020



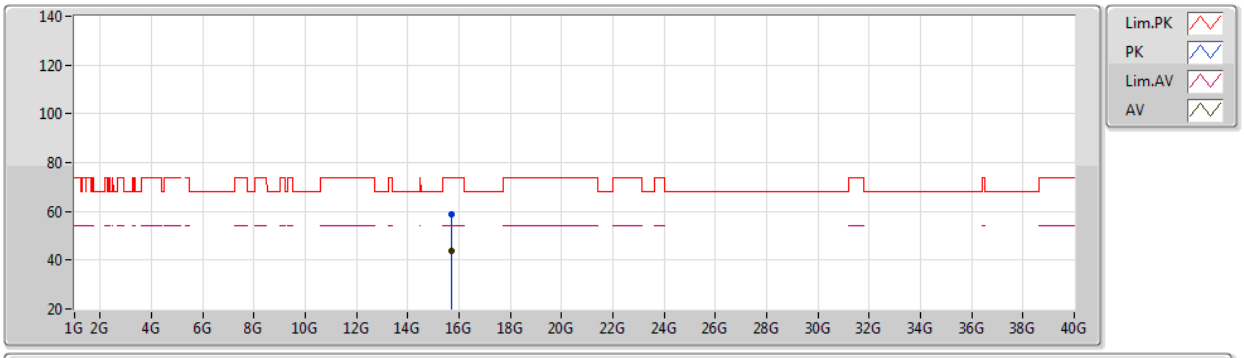

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1212G | 59.11 | 74.00 | -14.89 | 51.48 | 3 | Horizontal | 210 | 1.52 | - | 33.42 | 5.96 | 31.75 |
| AV | 5.135G | 46.30 | 54.00 | -7.70 | 38.63 | 3 | Horizontal | 210 | 1.52 | - | 33.44 | 5.97 | 31.74 |
| PK | 5.2334G | 97.13 | Inf | -Inf | 89.21 | 3 | Horizontal | 210 | 1.52 | - | 33.57 | 6.02 | 31.67 |
| AV | 5.2334G | 87.16 | Inf | -Inf | 79.24 | 3 | Horizontal | 210 | 1.52 | - | 33.57 | 6.02 | 31.67 |
| PK | 5.3822G | 60.33 | 74.00 | -13.67 | 52.02 | 3 | Horizontal | 210 | 1.52 | - | 33.78 | 6.09 | 31.56 |
| AV | 5.3882G | 46.91 | 54.00 | -7.09 | 38.59 | 3 | Horizontal | 210 | 1.52 | - | 33.79 | 6.09 | 31.56 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5240MHz_TX

28/08/2020



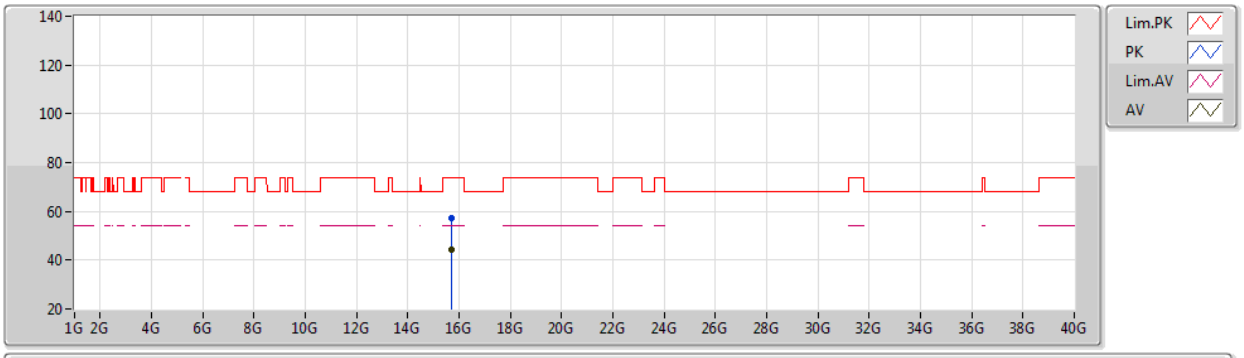

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.71754G | 58.66 | 74.00 | -15.34 | 44.00 | 3 | Vertical | 257 | 2.48 | - | 38.22 | 9.31 | 32.87 |
| AV | 15.70512G | 44.01 | 54.00 | -9.99 | 29.32 | 3 | Vertical | 257 | 2.48 | - | 38.26 | 9.30 | 32.87 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5240MHz_TX

28/08/2020



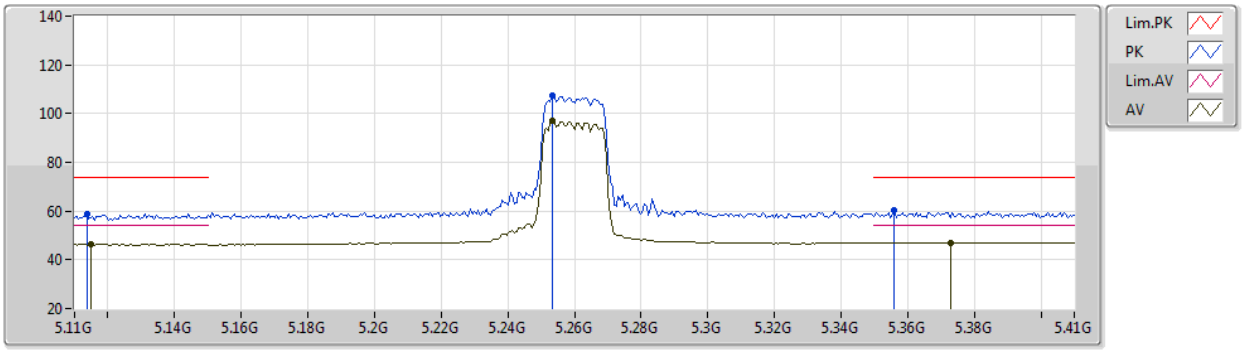

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.7107G | 57.38 | 74.00 | -16.62 | 42.71 | 3 | Horizontal | 204 | 1.55 | - | 38.24 | 9.30 | 32.87 |
| AV | 15.70638G | 44.06 | 54.00 | -9.94 | 29.38 | 3 | Horizontal | 204 | 1.55 | - | 38.25 | 9.30 | 32.87 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5260MHz_TX

28/08/2020



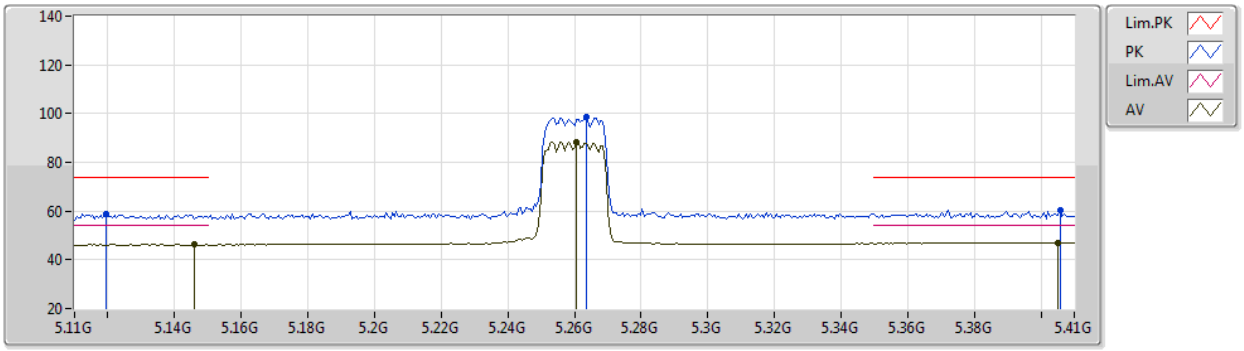

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1136G | 58.91 | 74.00 | -15.09 | 51.29 | 3 | Vertical | 346 | 2.02 | - | 33.41 | 5.96 | 31.75 |
| AV | 5.1148G | 46.29 | 54.00 | -7.71 | 38.67 | 3 | Vertical | 346 | 2.02 | - | 33.41 | 5.96 | 31.75 |
| PK | 5.2534G | 107.48 | Inf | -Inf | 99.49 | 3 | Vertical | 346 | 2.02 | - | 33.61 | 6.03 | 31.65 |
| AV | 5.2534G | 96.97 | Inf | -Inf | 88.98 | 3 | Vertical | 346 | 2.02 | - | 33.61 | 6.03 | 31.65 |
| PK | 5.356G | 60.51 | 74.00 | -13.49 | 52.25 | 3 | Vertical | 346 | 2.02 | - | 33.76 | 6.08 | 31.58 |
| AV | 5.3728G | 47.05 | 54.00 | -6.95 | 38.76 | 3 | Vertical | 346 | 2.02 | - | 33.77 | 6.09 | 31.57 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5260MHz_TX



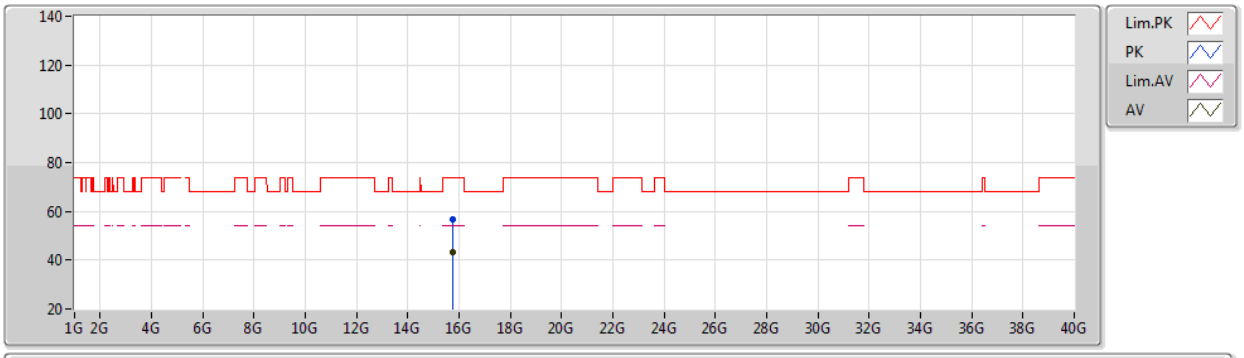

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1196G | 58.84 | 74.00 | -15.16 | 51.21 | 3 | Horizontal | 210 | 1.42 | - | 33.42 | 5.96 | 31.75 |
| AV | 5.146G | 46.25 | 54.00 | -7.75 | 38.56 | 3 | Horizontal | 210 | 1.42 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.2636G | 98.72 | Inf | -Inf | 90.71 | 3 | Horizontal | 210 | 1.42 | - | 33.63 | 6.03 | 31.65 |
| AV | 5.2606G | 88.09 | Inf | -Inf | 80.09 | 3 | Horizontal | 210 | 1.42 | - | 33.62 | 6.03 | 31.65 |
| PK | 5.4058G | 60.34 | 74.00 | -13.66 | 51.97 | 3 | Horizontal | 210 | 1.42 | - | 33.81 | 6.11 | 31.55 |
| AV | 5.4052G | 46.91 | 54.00 | -7.09 | 38.54 | 3 | Horizontal | 210 | 1.42 | - | 33.81 | 6.11 | 31.55 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5260MHz_TX

28/08/2020



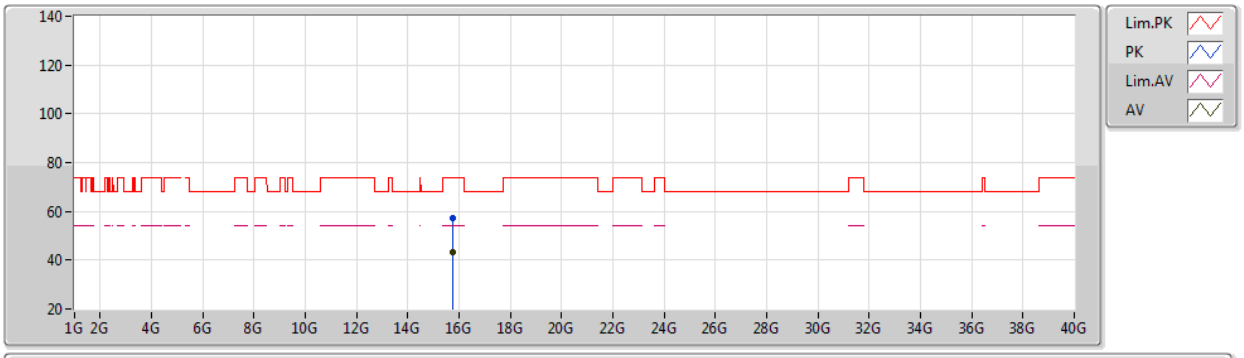

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.77526G | 56.69 | 74.00 | -17.31 | 42.18 | 3 | Vertical | 18 | 2.82 | - | 38.05 | 9.33 | 32.87 |
| AV | 15.77406G | 43.25 | 54.00 | -10.75 | 28.73 | 3 | Vertical | 18 | 2.82 | - | 38.06 | 9.33 | 32.87 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5260MHz_TX

28/08/2020



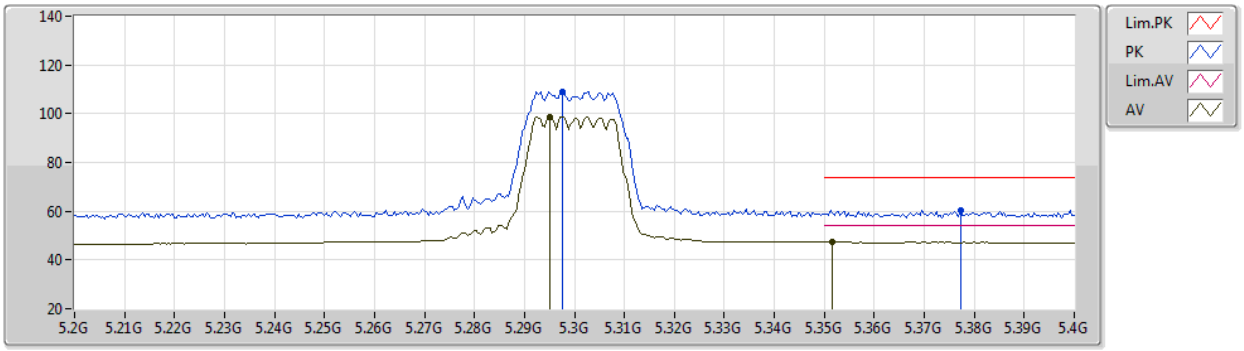

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.77334G | 57.16 | 74.00 | -16.84 | 42.64 | 3 | Horizontal | 280 | 2.73 | - | 38.06 | 9.33 | 32.87 |
| AV | 15.7668G | 43.26 | 54.00 | -10.74 | 28.73 | 3 | Horizontal | 280 | 2.73 | - | 38.08 | 9.32 | 32.87 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5300MHz_TX



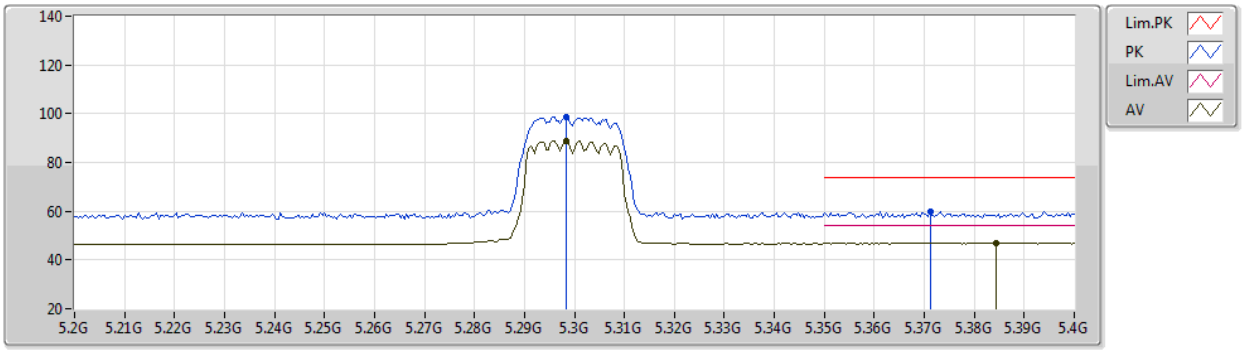

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.2976G | 109.09 | Inf | -Inf | 100.96 | 3 | Vertical | 47 | 2.33 | - | 33.70 | 6.05 | 31.62 |
| AV | 5.2952G | 98.87 | Inf | -Inf | 90.75 | 3 | Vertical | 47 | 2.33 | - | 33.69 | 6.05 | 31.62 |
| PK | 5.3772G | 60.42 | 74.00 | -13.58 | 52.12 | 3 | Vertical | 47 | 2.33 | - | 33.78 | 6.09 | 31.57 |
| AV | 5.3516G | 47.41 | 54.00 | -6.59 | 39.16 | 3 | Vertical | 47 | 2.33 | - | 33.75 | 6.08 | 31.58 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5300MHz_TX

28/08/2020



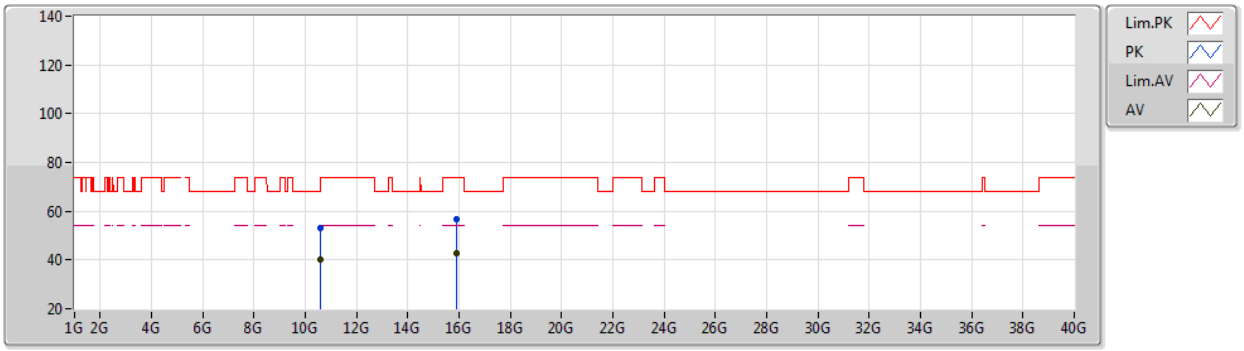

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.2984G | 98.63 | Inf | -Inf | 90.50 | 3 | Horizontal | 211 | 1.55 | - | 33.70 | 6.05 | 31.62 |
| AV | 5.2984G | 88.69 | Inf | -Inf | 80.56 | 3 | Horizontal | 211 | 1.55 | - | 33.70 | 6.05 | 31.62 |
| PK | 5.3712G | 60.00 | 74.00 | -14.00 | 51.71 | 3 | Horizontal | 211 | 1.55 | - | 33.77 | 6.09 | 31.57 |
| AV | 5.3844G | 46.90 | 54.00 | -7.10 | 38.59 | 3 | Horizontal | 211 | 1.55 | - | 33.78 | 6.09 | 31.56 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5300MHz_TX



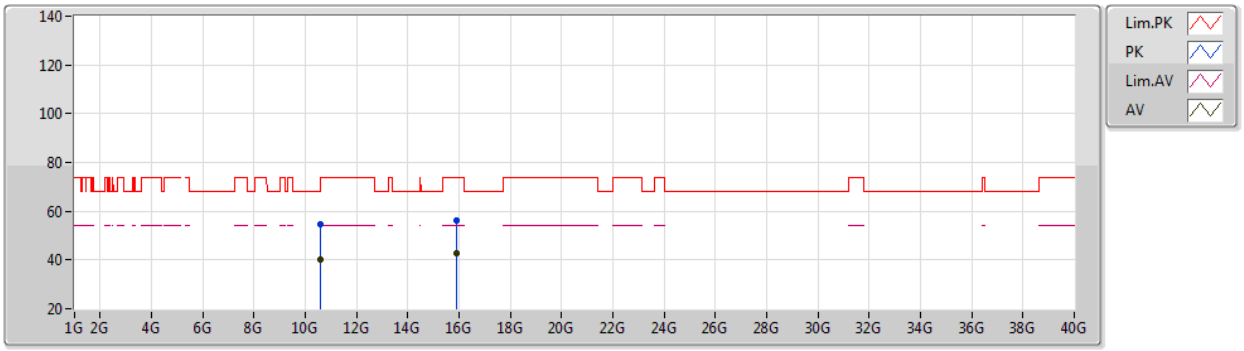

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.60516G | 53.32 | 74.00 | -20.68 | 38.64 | 3 | Vertical | 148 | 1.03 | - | 38.74 | 8.59 | 32.65 |
| AV | 10.60198G | 40.26 | 54.00 | -13.74 | 25.58 | 3 | Vertical | 148 | 1.03 | - | 38.74 | 8.59 | 32.65 |
| PK | 15.91482G | 56.50 | 74.00 | -17.50 | 42.36 | 3 | Vertical | 113 | 1.70 | - | 37.65 | 9.37 | 32.88 |
| AV | 15.91002G | 42.57 | 54.00 | -11.43 | 28.42 | 3 | Vertical | 113 | 1.70 | - | 37.66 | 9.37 | 32.88 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5300MHz_TX



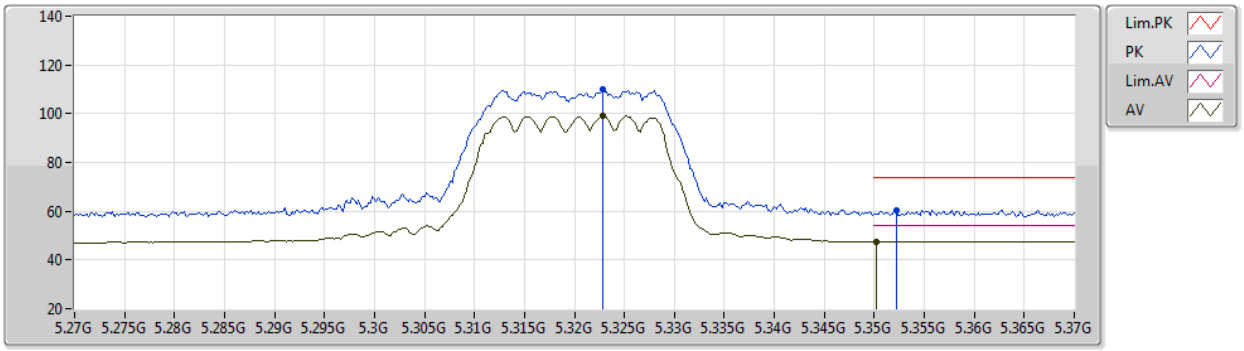

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.60148G | 54.45 | 74.00 | -19.55 | 39.77 | 3 | Horizontal | 96 | 1.24 | - | 38.74 | 8.59 | 32.65 |
| AV | 10.60018G | 40.29 | 54.00 | -13.71 | 25.61 | 3 | Horizontal | 96 | 1.24 | - | 38.74 | 8.59 | 32.65 |
| PK | 15.91254G | 56.34 | 74.00 | -17.66 | 42.20 | 3 | Horizontal | 67 | 2.77 | - | 37.65 | 9.37 | 32.88 |
| AV | 15.90942G | 42.56 | 54.00 | -11.44 | 28.41 | 3 | Horizontal | 67 | 2.77 | - | 37.66 | 9.37 | 32.88 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5320MHz_TX

28/08/2020



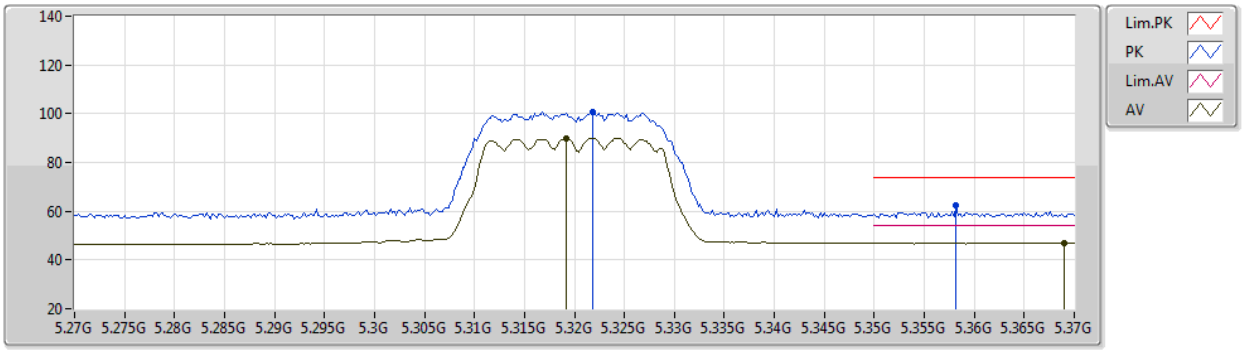

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.3228G | 109.94 | Inf | -Inf | 101.76 | 3 | Vertical | 43 | 2.67 | - | 33.72 | 6.06 | 31.60 |
| AV | 5.3228G | 98.99 | Inf | -Inf | 90.81 | 3 | Vertical | 43 | 2.67 | - | 33.72 | 6.06 | 31.60 |
| PK | 5.3522G | 60.60 | 74.00 | -13.40 | 52.35 | 3 | Vertical | 43 | 2.67 | - | 33.75 | 6.08 | 31.58 |
| AV | 5.3502G | 47.61 | 54.00 | -6.39 | 39.36 | 3 | Vertical | 43 | 2.67 | - | 33.75 | 6.08 | 31.58 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5320MHz_TX

28/08/2020



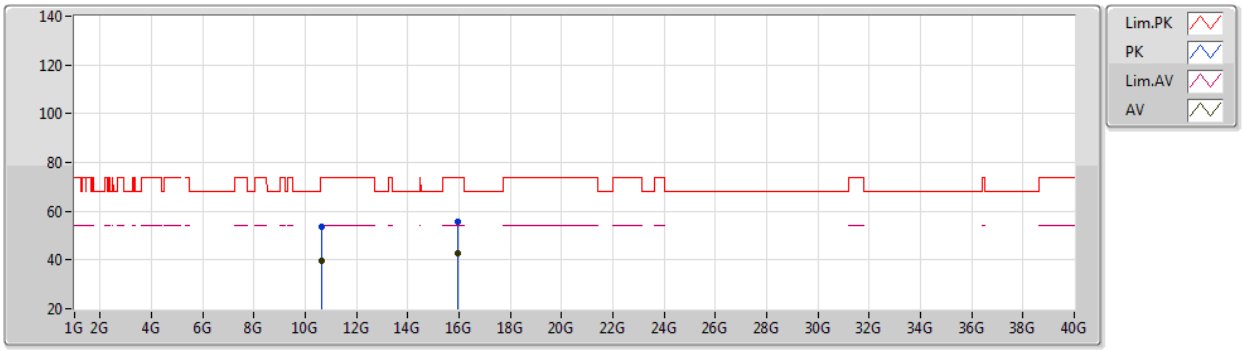

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.3218G | 100.57 | Inf | -Inf | 92.39 | 3 | Horizontal | 224 | 1.34 | - | 33.72 | 6.06 | 31.60 |
| AV | 5.3192G | 89.97 | Inf | -Inf | 81.80 | 3 | Horizontal | 224 | 1.34 | - | 33.72 | 6.06 | 31.61 |
| PK | 5.3582G | 62.39 | 74.00 | -11.61 | 54.13 | 3 | Horizontal | 224 | 1.34 | - | 33.76 | 6.08 | 31.58 |
| AV | 5.369G | 46.95 | 54.00 | -7.05 | 38.67 | 3 | Horizontal | 224 | 1.34 | - | 33.77 | 6.08 | 31.57 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5320MHz_TX



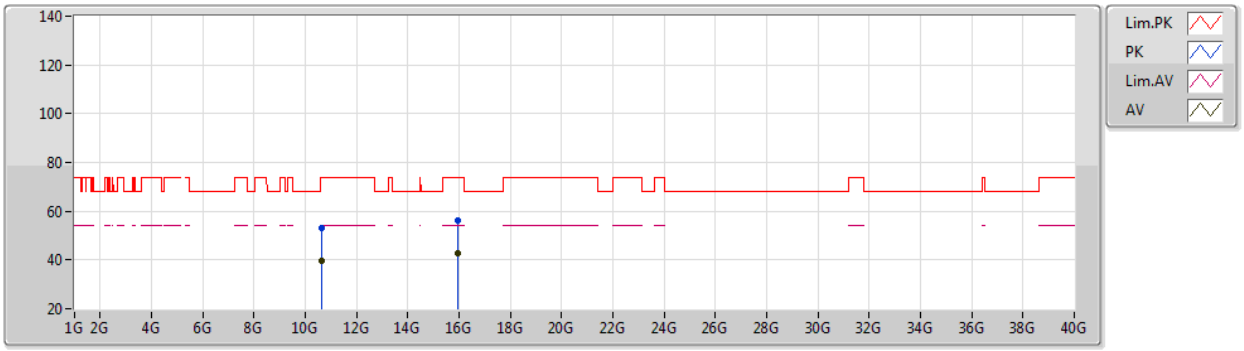

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.62626G | 53.53 | 74.00 | -20.47 | 38.88 | 3 | Vertical | 132 | 2.68 | - | 38.72 | 8.59 | 32.66 |
| AV | 10.62734G | 39.89 | 54.00 | -14.11 | 25.24 | 3 | Vertical | 132 | 2.68 | - | 38.72 | 8.59 | 32.66 |
| PK | 15.97266G | 55.94 | 74.00 | -18.06 | 41.95 | 3 | Vertical | 211 | 1.09 | - | 37.48 | 9.39 | 32.88 |
| AV | 15.97266G | 42.73 | 54.00 | -11.27 | 28.74 | 3 | Vertical | 211 | 1.09 | - | 37.48 | 9.39 | 32.88 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5320MHz_TX



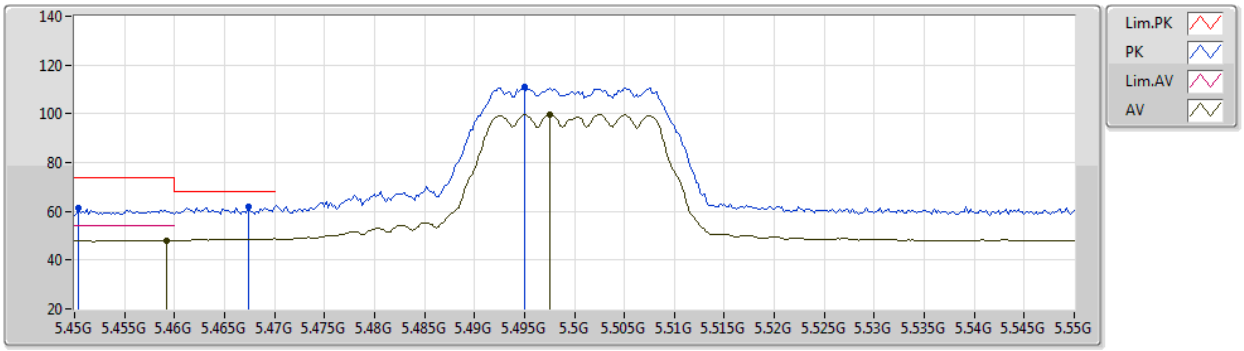

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.63814G | 53.16 | 74.00 | -20.84 | 38.50 | 3 | Horizontal | 79 | 2.44 | - | 38.72 | 8.60 | 32.66 |
| AV | 10.625G | 39.85 | 54.00 | -14.15 | 25.19 | 3 | Horizontal | 79 | 2.44 | - | 38.73 | 8.59 | 32.66 |
| PK | 15.94854G | 56.26 | 74.00 | -17.74 | 42.21 | 3 | Horizontal | 286 | 2.31 | - | 37.55 | 9.38 | 32.88 |
| AV | 15.9702G | 42.71 | 54.00 | -11.29 | 28.71 | 3 | Horizontal | 286 | 2.31 | - | 37.49 | 9.39 | 32.88 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5500MHz_TX

28/08/2020



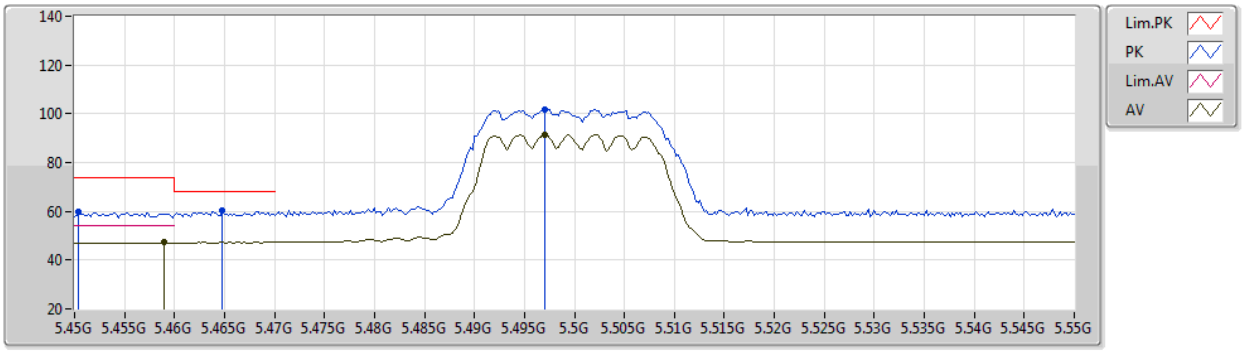

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4504G | 61.20 | 74.00 | -12.80 | 52.70 | 3 | Vertical | 48 | 2.42 | - | 33.85 | 6.16 | 31.51 |
| PK | 5.4674G | 62.06 | 68.20 | -6.14 | 53.52 | 3 | Vertical | 48 | 2.42 | - | 33.87 | 6.17 | 31.50 |
| AV | 5.4592G | 48.14 | 54.00 | -5.86 | 39.61 | 3 | Vertical | 48 | 2.42 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.495G | 110.92 | Inf | -Inf | 102.30 | 3 | Vertical | 48 | 2.42 | - | 33.89 | 6.20 | 31.47 |
| AV | 5.4976G | 99.65 | Inf | -Inf | 91.01 | 3 | Vertical | 48 | 2.42 | - | 33.90 | 6.21 | 31.47 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5500MHz_TX



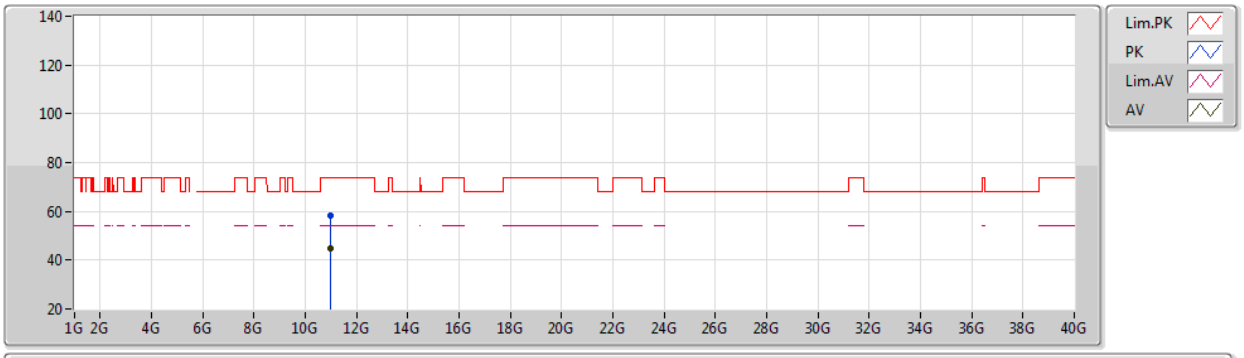

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4504G | 59.57 | 74.00 | -14.43 | 51.07 | 3 | Horizontal | 226 | 1.07 | - | 33.85 | 6.16 | 31.51 |
| PK | 5.4648G | 60.24 | 68.20 | -7.96 | 51.71 | 3 | Horizontal | 226 | 1.07 | - | 33.86 | 6.17 | 31.50 |
| AV | 5.459G | 47.16 | 54.00 | -6.84 | 38.64 | 3 | Horizontal | 226 | 1.07 | - | 33.86 | 6.16 | 31.50 |
| PK | 5.497G | 101.90 | Inf | -Inf | 93.26 | 3 | Horizontal | 226 | 1.07 | - | 33.90 | 6.21 | 31.47 |
| AV | 5.497G | 91.54 | Inf | -Inf | 82.90 | 3 | Horizontal | 226 | 1.07 | - | 33.90 | 6.21 | 31.47 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5500MHz_TX

28/08/2020



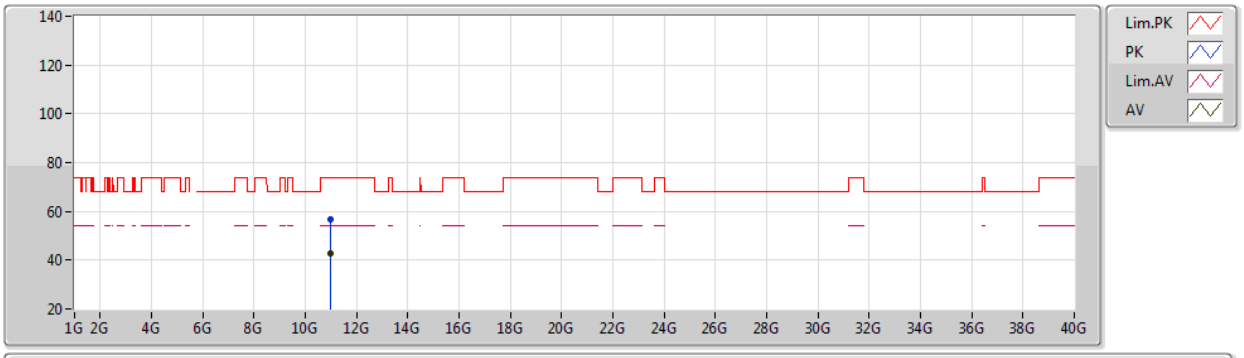

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.00534G | 58.47 | 74.00 | -15.53 | 44.02 | 3 | Vertical | 0 | 1.68 | - | 38.50 | 8.71 | 32.76 |
| AV | 11.00222G | 44.73 | 54.00 | -9.27 | 30.28 | 3 | Vertical | 0 | 1.68 | - | 38.50 | 8.71 | 32.76 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5500MHz_TX

28/08/2020



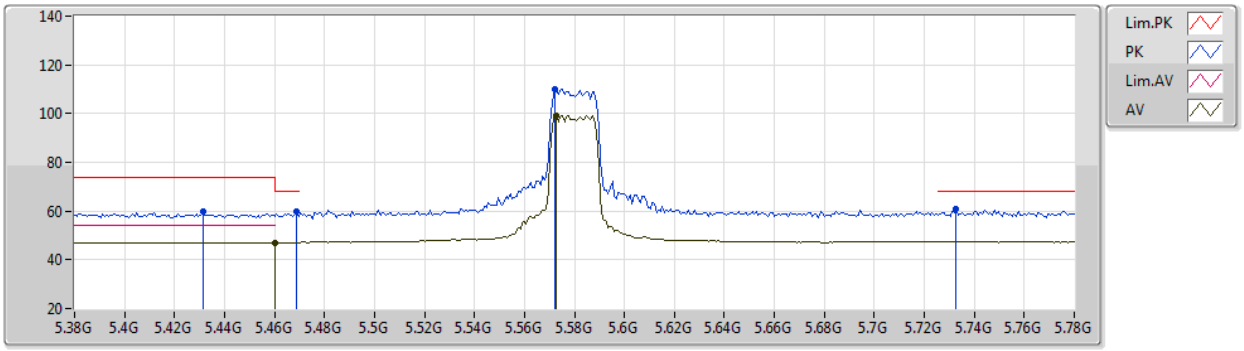

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.00462G | 56.53 | 74.00 | -17.47 | 42.08 | 3 | Horizontal | 252 | 2.48 | - | 38.50 | 8.71 | 32.76 |
| AV | 11.00216G | 42.56 | 54.00 | -11.44 | 28.11 | 3 | Horizontal | 252 | 2.48 | - | 38.50 | 8.71 | 32.76 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5580MHz_TX



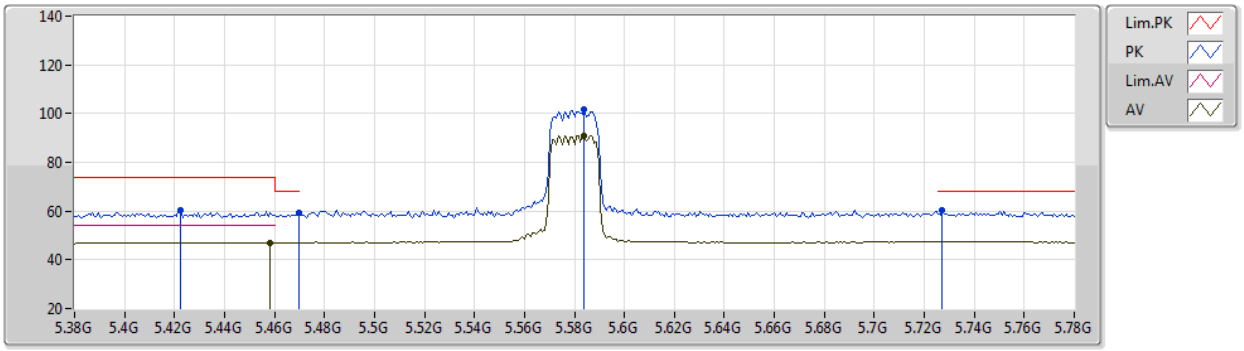

EUT X_2TX
Setting 54
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4312G | 59.80 | 74.00 | -14.20 | 51.37 | 3 | Vertical | 52 | 2.25 | - | 33.83 | 6.13 | 31.53 |
| PK | 5.4688G | 59.68 | 68.20 | -8.52 | 51.12 | 3 | Vertical | 52 | 2.25 | - | 33.87 | 6.18 | 31.49 |
| AV | 5.46G | 47.11 | 54.00 | -6.89 | 38.58 | 3 | Vertical | 52 | 2.25 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.572G | 109.87 | Inf | -Inf | 101.17 | 3 | Vertical | 52 | 2.25 | - | 33.90 | 6.27 | 31.47 |
| AV | 5.5728G | 99.17 | Inf | -Inf | 90.46 | 3 | Vertical | 52 | 2.25 | - | 33.90 | 6.28 | 31.47 |
| PK | 5.7328G | 60.74 | 68.20 | -7.46 | 52.03 | 3 | Vertical | 52 | 2.25 | - | 33.80 | 6.37 | 31.46 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5580MHz_TX



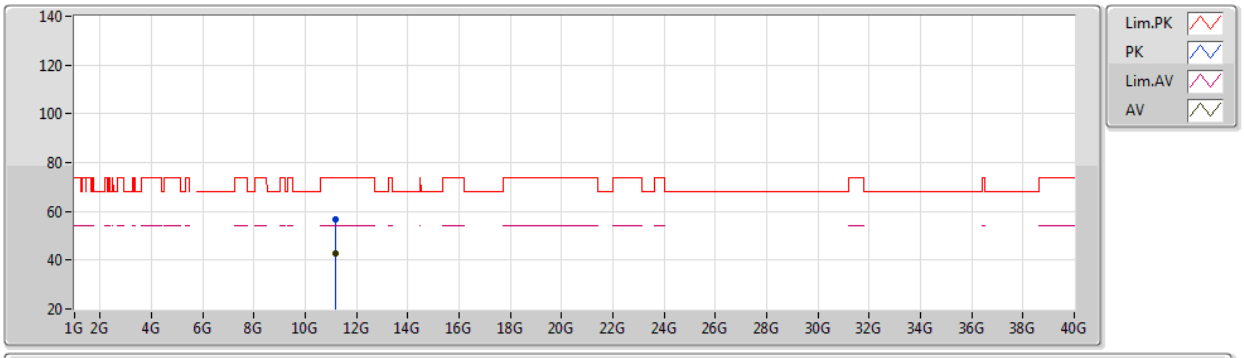

EUT X_2TX
Setting 54
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4224G | 60.24 | 74.00 | -13.76 | 51.83 | 3 | Horizontal | 216 | 2.52 | - | 33.82 | 6.12 | 31.53 |
| PK | 5.4696G | 59.46 | 68.20 | -8.74 | 50.90 | 3 | Horizontal | 216 | 2.52 | - | 33.87 | 6.18 | 31.49 |
| AV | 5.4584G | 46.98 | 54.00 | -7.02 | 38.46 | 3 | Horizontal | 216 | 2.52 | - | 33.86 | 6.16 | 31.50 |
| PK | 5.584G | 101.68 | Inf | -Inf | 92.96 | 3 | Horizontal | 216 | 2.52 | - | 33.90 | 6.29 | 31.47 |
| AV | 5.584G | 91.11 | Inf | -Inf | 82.39 | 3 | Horizontal | 216 | 2.52 | - | 33.90 | 6.29 | 31.47 |
| PK | 5.7272G | 60.38 | 68.20 | -7.82 | 51.68 | 3 | Horizontal | 216 | 2.52 | - | 33.80 | 6.36 | 31.46 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5580MHz_TX



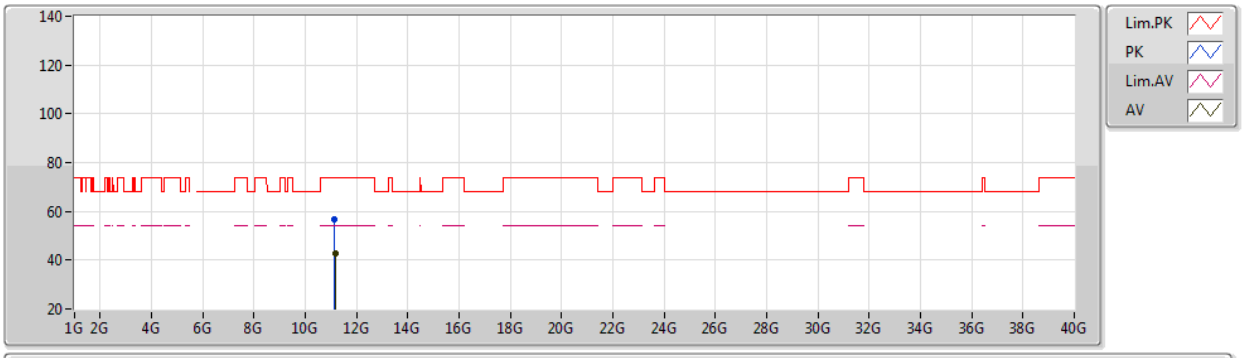

EUT X_2TX
Setting 54
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.1597G | 56.75 | 74.00 | -17.25 | 42.15 | 3 | Vertical | 60 | 2.96 | - | 38.63 | 8.76 | 32.79 |
| AV | 11.15718G | 42.76 | 54.00 | -11.24 | 28.16 | 3 | Vertical | 60 | 2.96 | - | 38.63 | 8.76 | 32.79 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5580MHz_TX



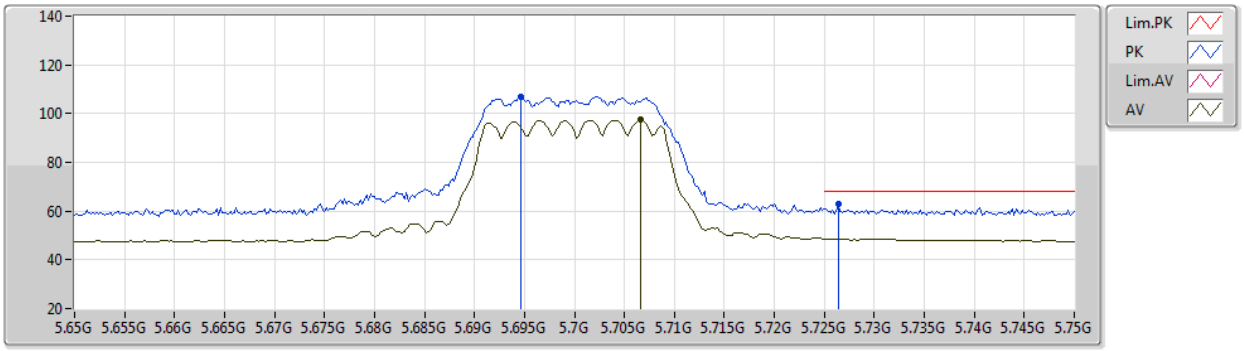

EUT X_2TX
Setting 54
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.15454G | 56.82 | 74.00 | -17.18 | 42.24 | 3 | Horizontal | 252 | 2.85 | - | 38.62 | 8.75 | 32.79 |
| AV | 11.15712G | 42.86 | 54.00 | -11.14 | 28.26 | 3 | Horizontal | 252 | 2.85 | - | 38.63 | 8.76 | 32.79 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5700MHz_TX



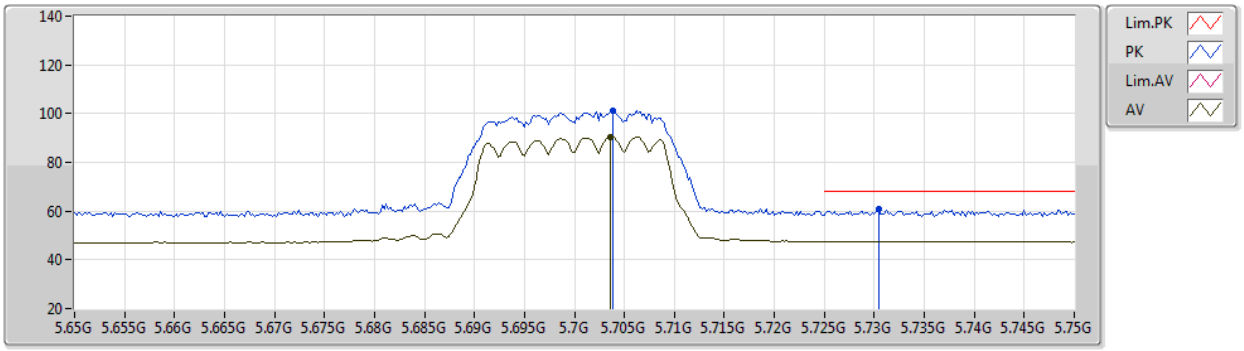

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.6946G | 106.79 | Inf | -Inf | 98.09 | 3 | Vertical | 1 | 2.18 | - | 33.81 | 6.35 | 31.46 |
| AV | 5.7066G | 97.47 | Inf | -Inf | 88.78 | 3 | Vertical | 1 | 2.18 | - | 33.80 | 6.35 | 31.46 |
| PK | 5.7264G | 62.97 | 68.20 | -5.23 | 54.27 | 3 | Vertical | 1 | 2.18 | - | 33.80 | 6.36 | 31.46 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5700MHz_TX

28/08/2020



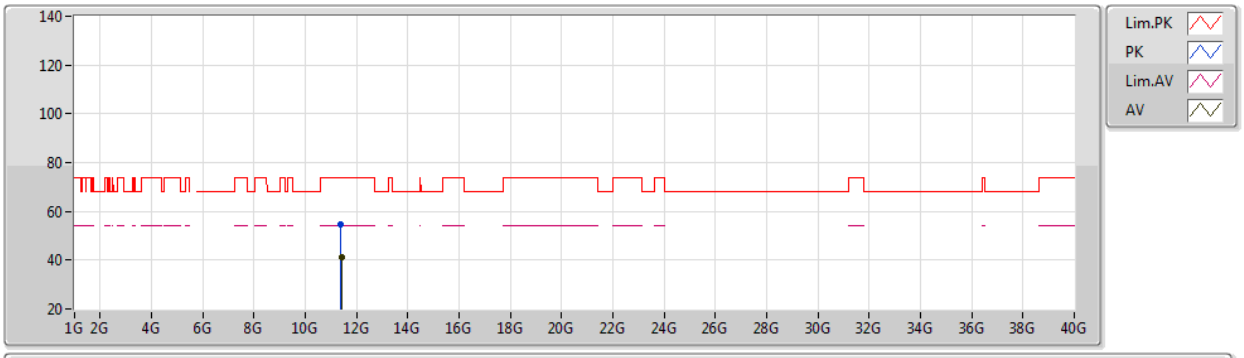

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.7038G | 101.43 | Inf | -Inf | 92.74 | 3 | Horizontal | 216 | 2.80 | - | 33.80 | 6.35 | 31.46 |
| AV | 5.7036G | 90.48 | Inf | -Inf | 81.79 | 3 | Horizontal | 216 | 2.80 | - | 33.80 | 6.35 | 31.46 |
| PK | 5.7304G | 60.80 | 68.20 | -7.40 | 52.09 | 3 | Horizontal | 216 | 2.80 | - | 33.80 | 6.37 | 31.46 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5700MHz_TX

28/08/2020



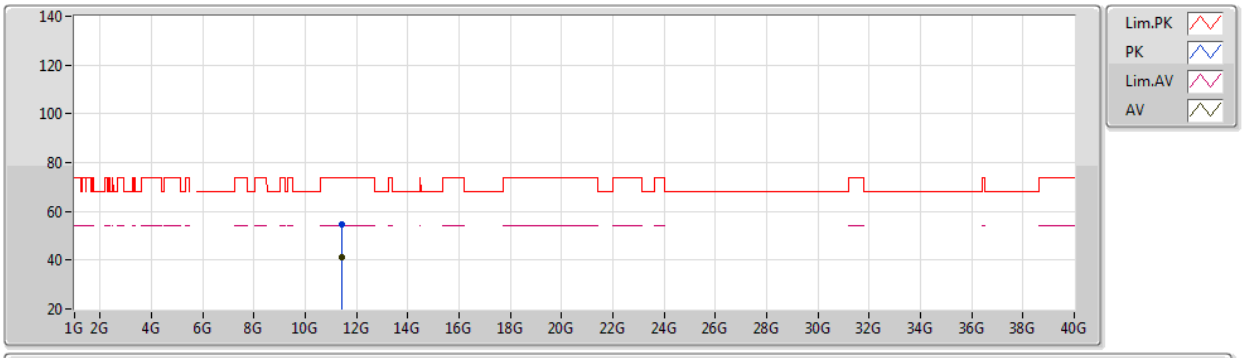

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.38716G | 54.52 | 74.00 | -19.48 | 39.72 | 3 | Vertical | 213 | 1.55 | - | 38.81 | 8.82 | 32.83 |
| AV | 11.40204G | 41.43 | 54.00 | -12.57 | 26.61 | 3 | Vertical | 213 | 1.55 | - | 38.82 | 8.83 | 32.83 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 5700MHz_TX

28/08/2020



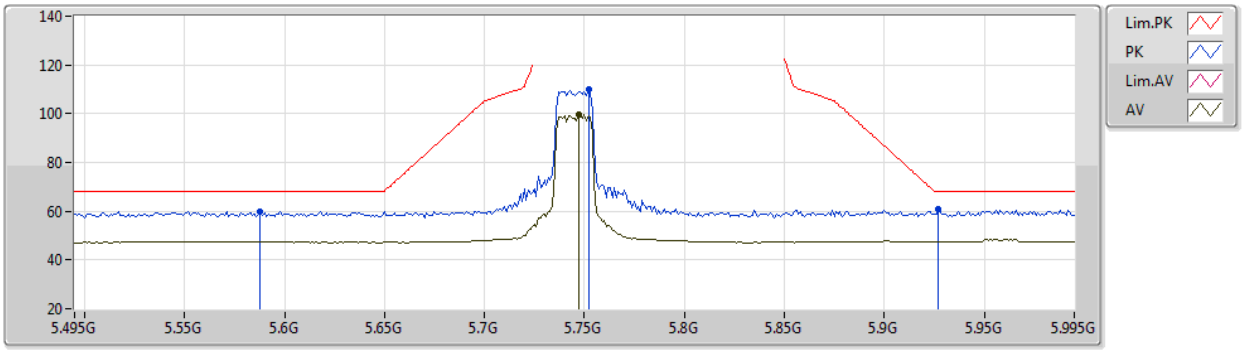

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.40858G | 54.44 | 74.00 | -19.56 | 39.61 | 3 | Horizontal | 134 | 2.78 | - | 38.83 | 8.83 | 32.83 |
| AV | 11.40198G | 41.45 | 54.00 | -12.55 | 26.63 | 3 | Horizontal | 134 | 2.78 | - | 38.82 | 8.83 | 32.83 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

### 5745MHz_TX



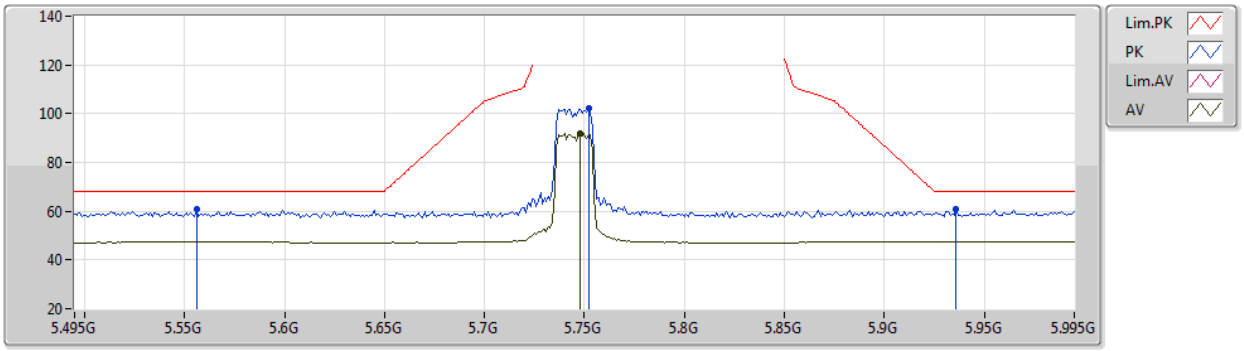

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.588G | 60.07 | 68.20 | -8.13 | 51.35 | 3 | Vertical | 360 | 2.25 | - | 33.90 | 6.29 | 31.47 |
| PK | 5.752G | 109.86 | Inf | -Inf | 101.14 | 3 | Vertical | 360 | 2.25 | - | 33.80 | 6.38 | 31.46 |
| AV | 5.747G | 99.66 | Inf | -Inf | 90.95 | 3 | Vertical | 360 | 2.25 | - | 33.80 | 6.37 | 31.46 |
| PK | 5.927G | 60.70 | 68.20 | -7.50 | 51.68 | 3 | Vertical | 360 | 2.25 | - | 34.13 | 6.34 | 31.45 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

### 5745MHz_TX



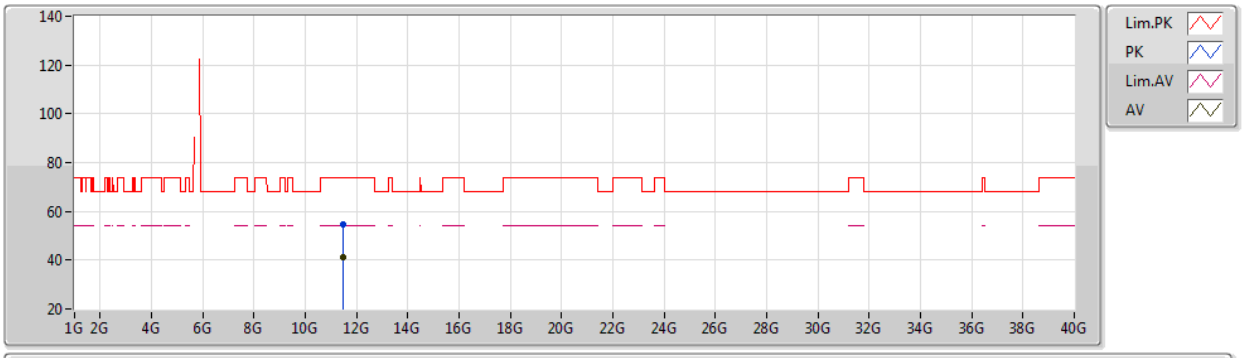

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.556G | 60.68 | 68.20 | -7.52 | 51.99 | 3 | Horizontal | 131 | 1.05 | - | 33.90 | 6.26 | 31.47 |
| PK | 5.752G | 102.18 | Inf | -Inf | 93.46 | 3 | Horizontal | 131 | 1.05 | - | 33.80 | 6.38 | 31.46 |
| AV | 5.748G | 91.77 | Inf | -Inf | 83.06 | 3 | Horizontal | 131 | 1.05 | - | 33.80 | 6.37 | 31.46 |
| PK | 5.936G | 60.97 | 68.20 | -7.23 | 51.95 | 3 | Horizontal | 131 | 1.05 | - | 34.14 | 6.33 | 31.45 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5745MHz_TX



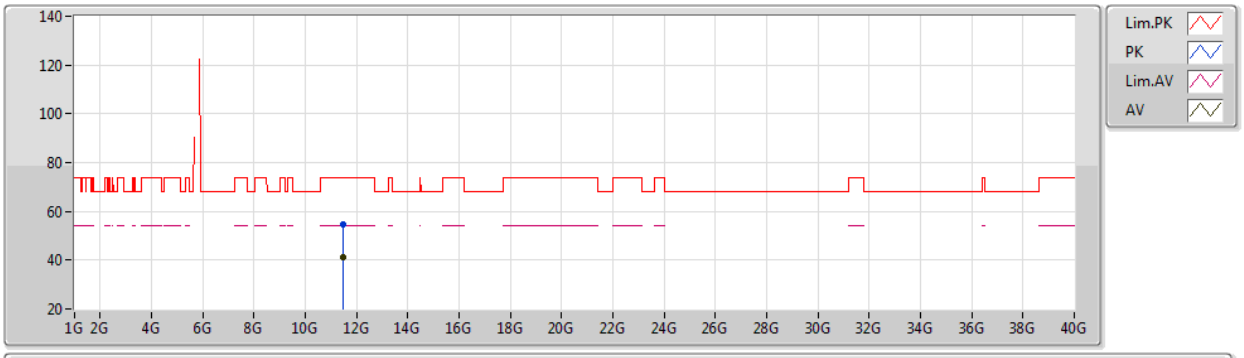

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.49396G | 54.46 | 74.00 | -19.54 | 39.56 | 3 | Vertical | 277 | 2.72 | - | 38.90 | 8.85 | 32.85 |
| AV | 11.48916G | 41.23 | 54.00 | -12.77 | 26.34 | 3 | Vertical | 277 | 2.72 | - | 38.89 | 8.85 | 32.85 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5745MHz_TX



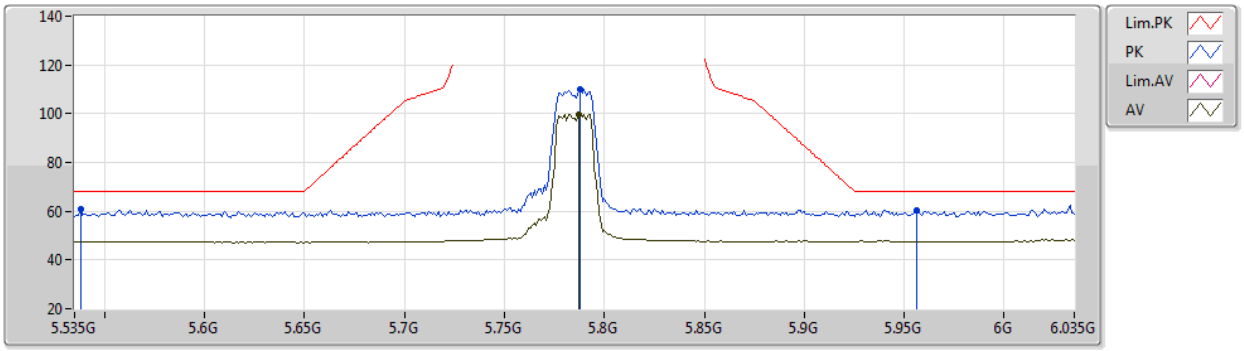

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.47602G | 54.69 | 74.00 | -19.31 | 39.81 | 3 | Horizontal | 248 | 1.76 | - | 38.88 | 8.85 | 32.85 |
| AV | 11.48958G | 41.26 | 54.00 | -12.74 | 26.37 | 3 | Horizontal | 248 | 1.76 | - | 38.89 | 8.85 | 32.85 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5785MHz_TX



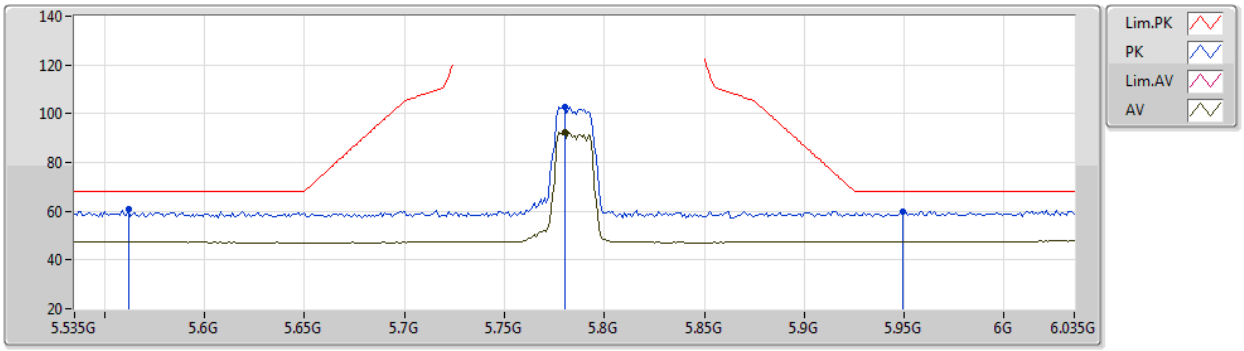

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.538G | 60.78 | 68.20 | -7.42 | 52.11 | 3 | Vertical | 360 | 2.23 | - | 33.90 | 6.24 | 31.47 |
| PK | 5.788G | 109.96 | Inf | -Inf | 101.23 | 3 | Vertical | 360 | 2.23 | - | 33.80 | 6.39 | 31.46 |
| AV | 5.787G | 99.70 | Inf | -Inf | 90.97 | 3 | Vertical | 360 | 2.23 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.956G | 60.60 | 68.20 | -7.60 | 51.57 | 3 | Vertical | 360 | 2.23 | - | 34.16 | 6.32 | 31.45 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5785MHz_TX



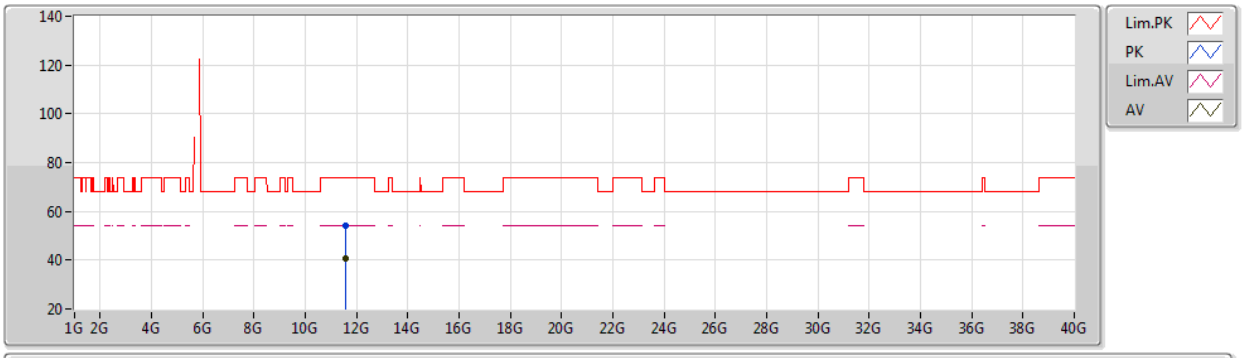

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.562G | 60.61 | 68.20 | -7.59 | 51.91 | 3 | Horizontal | 133 | 1.03 | - | 33.90 | 6.27 | 31.47 |
| PK | 5.78G | 102.81 | Inf | -Inf | 94.08 | 3 | Horizontal | 133 | 1.03 | - | 33.80 | 6.39 | 31.46 |
| AV | 5.78G | 92.59 | Inf | -Inf | 83.86 | 3 | Horizontal | 133 | 1.03 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.949G | 60.04 | 68.20 | -8.16 | 51.01 | 3 | Horizontal | 133 | 1.03 | - | 34.15 | 6.33 | 31.45 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5785MHz_TX



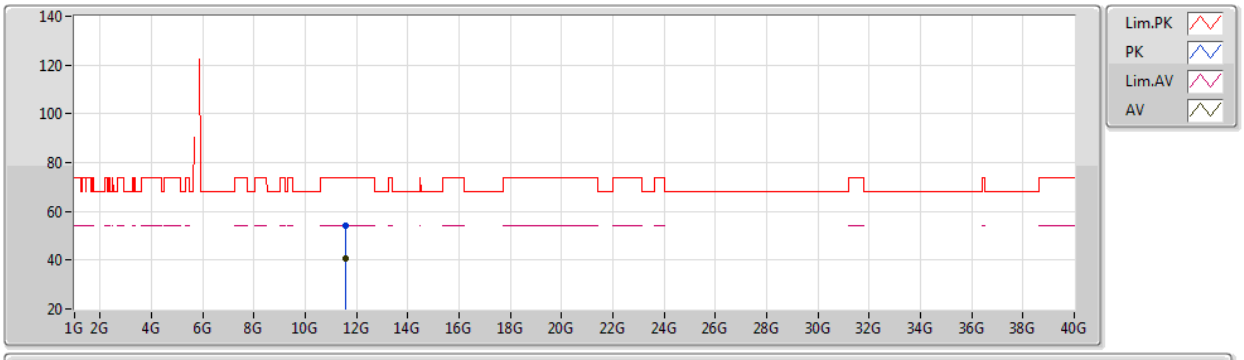

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.5715G | 54.25 | 74.00 | -19.75 | 39.27 | 3 | Vertical | 201 | 1.57 | - | 38.96 | 8.88 | 32.86 |
| AV | 11.58182G | 40.82 | 54.00 | -13.18 | 25.83 | 3 | Vertical | 201 | 1.57 | - | 38.97 | 8.88 | 32.86 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5785MHz_TX



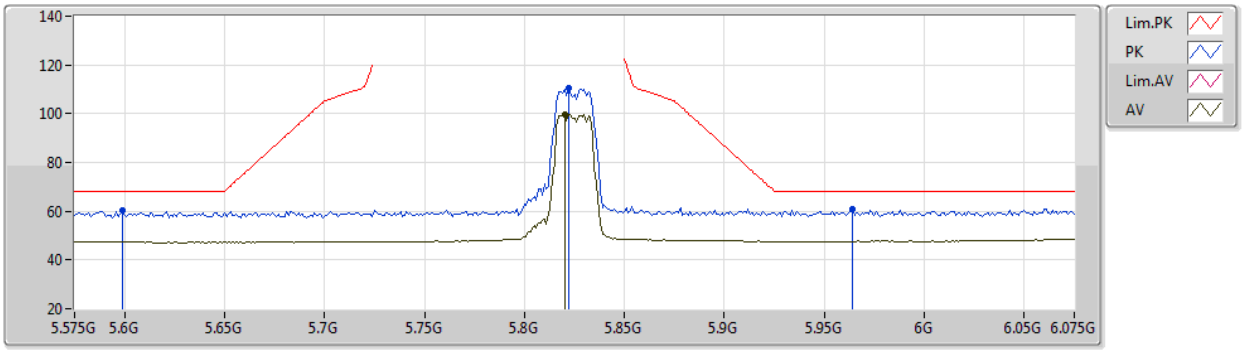

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.56646G | 54.21 | 74.00 | -19.79 | 39.25 | 3 | Horizontal | 175 | 2.78 | - | 38.95 | 8.87 | 32.86 |
| AV | 11.5814G | 40.83 | 54.00 | -13.17 | 25.84 | 3 | Horizontal | 175 | 2.78 | - | 38.97 | 8.88 | 32.86 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

### 5825MHz_TX



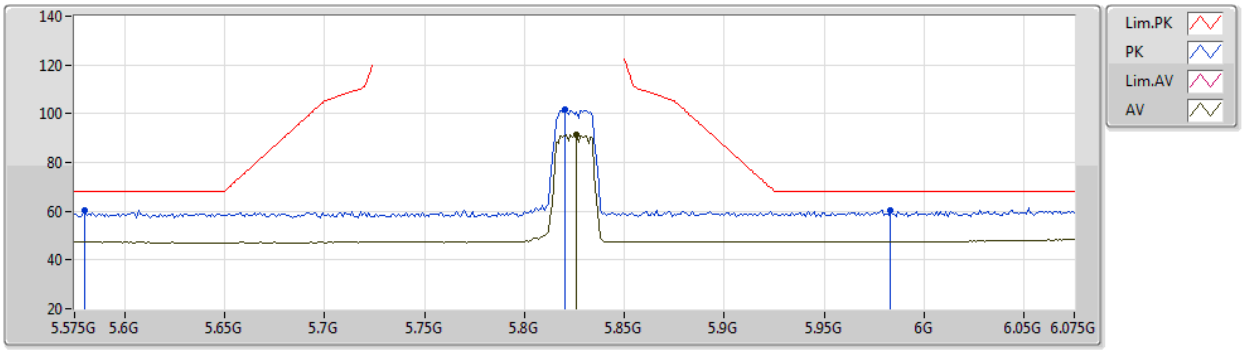

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.599G | 60.38 | 68.20 | -7.82 | 51.65 | 3 | Vertical | 0 | 2.30 | - | 33.90 | 6.30 | 31.47 |
| PK | 5.822G | 110.57 | Inf | -Inf | 101.77 | 3 | Vertical | 0 | 2.30 | - | 33.87 | 6.39 | 31.46 |
| AV | 5.82G | 99.79 | Inf | -Inf | 91.00 | 3 | Vertical | 0 | 2.30 | - | 33.86 | 6.39 | 31.46 |
| PK | 5.964G | 60.92 | 68.20 | -7.28 | 51.89 | 3 | Vertical | 0 | 2.30 | - | 34.16 | 6.32 | 31.45 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

### 5825MHz_TX



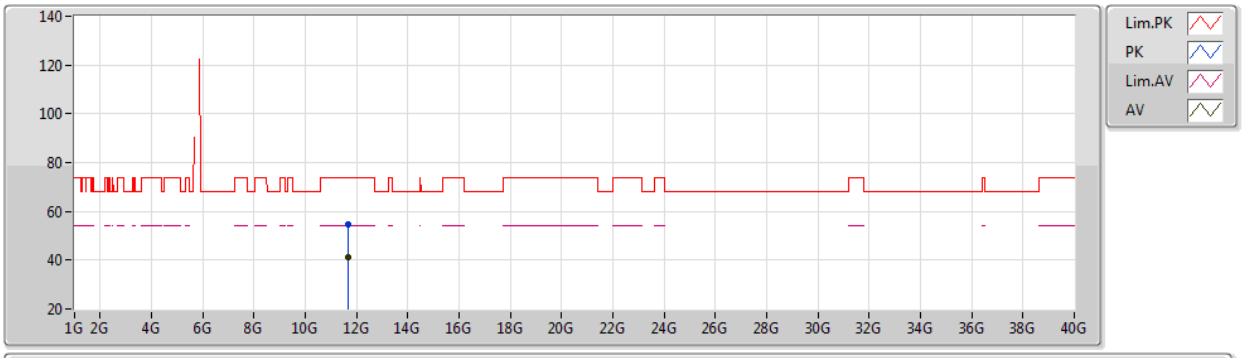

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.58G | 60.42 | 68.20 | -7.78 | 51.71 | 3 | Horizontal | 252 | 1.00 | - | 33.90 | 6.28 | 31.47 |
| PK | 5.82G | 101.51 | Inf | -Inf | 92.72 | 3 | Horizontal | 252 | 1.00 | - | 33.86 | 6.39 | 31.46 |
| AV | 5.826G | 91.36 | Inf | -Inf | 82.55 | 3 | Horizontal | 252 | 1.00 | - | 33.88 | 6.39 | 31.46 |
| PK | 5.983G | 60.34 | 68.20 | -7.86 | 51.30 | 3 | Horizontal | 252 | 1.00 | - | 34.18 | 6.31 | 31.45 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

### 5825MHz_TX



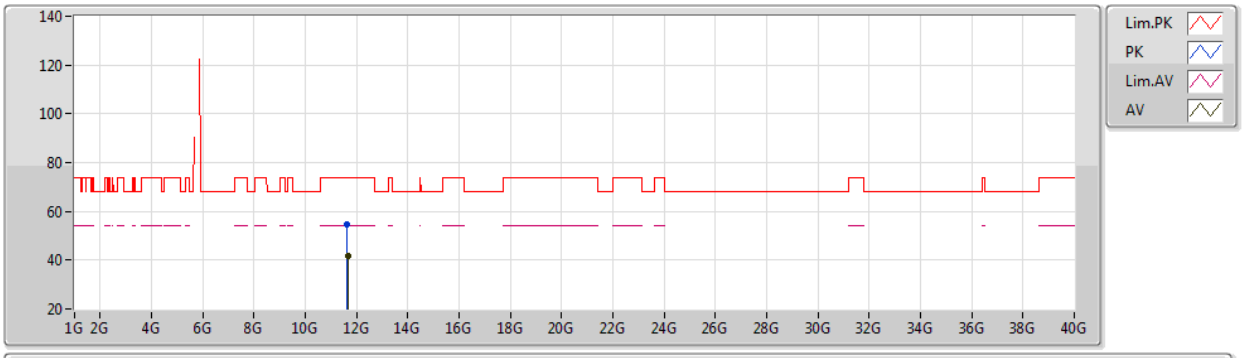

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.65414G | 54.60 | 74.00 | -19.40 | 39.56 | 3 | Vertical | 223 | 2.93 | - | 39.02 | 8.90 | 32.88 |
| AV | 11.64916G | 41.45 | 54.00 | -12.55 | 26.41 | 3 | Vertical | 223 | 2.93 | - | 39.02 | 8.90 | 32.88 |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

28/08/2020

## 5825MHz_TX



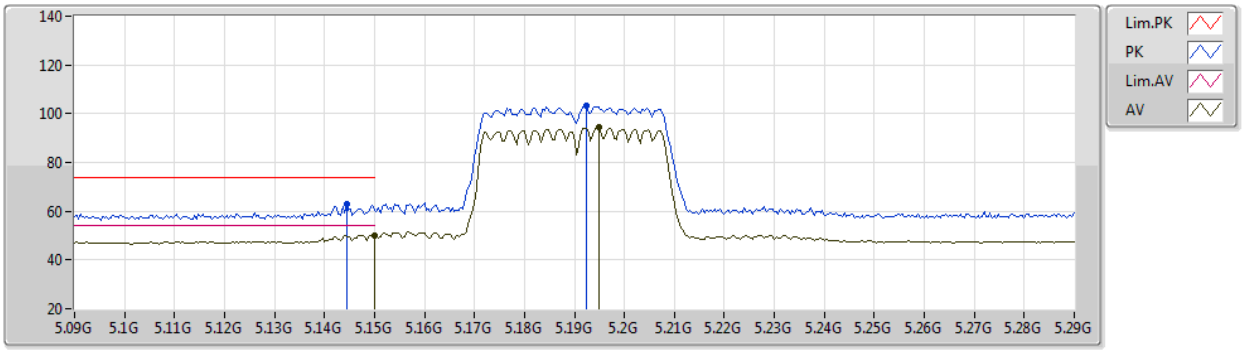

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.64634G | 54.91 | 74.00 | -19.09 | 39.87 | 3 | Horizontal | 134 | 2.31 | - | 39.02 | 8.90 | 32.88 |
| AV | 11.64916G | 41.47 | 54.00 | -12.53 | 26.43 | 3 | Horizontal | 134 | 2.31 | - | 39.02 | 8.90 | 32.88 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5190MHz_TX



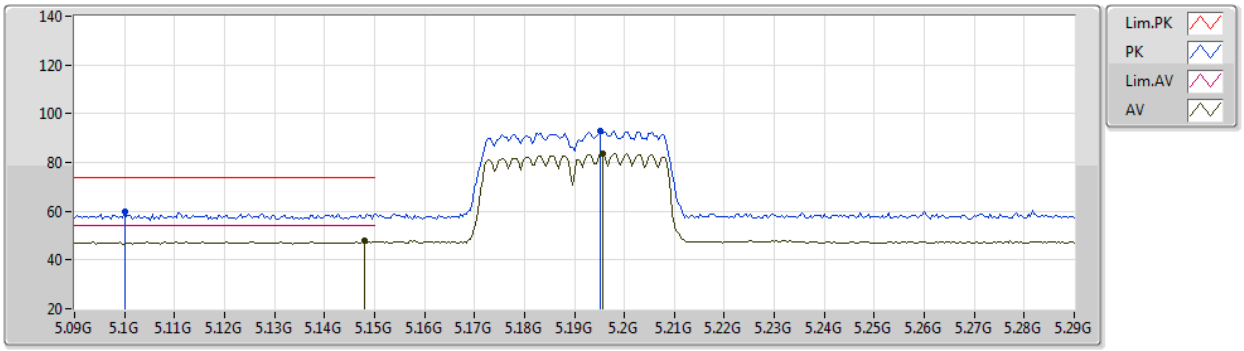

EUT X_2TX
Setting 45
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1444G | 62.86 | 74.00 | -11.14 | 55.18 | 3 | Vertical | 80 | 2.64 | - | 33.44 | 5.97 | 31.73 |
| AV | 5.15G | 50.18 | 54.00 | -3.82 | 42.49 | 3 | Vertical | 80 | 2.64 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.1924G | 103.34 | Inf | -Inf | 95.55 | 3 | Vertical | 80 | 2.64 | - | 33.49 | 6.00 | 31.70 |
| AV | 5.1948G | 94.38 | Inf | -Inf | 86.58 | 3 | Vertical | 80 | 2.64 | - | 33.49 | 6.00 | 31.69 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5190MHz_TX

28/08/2020



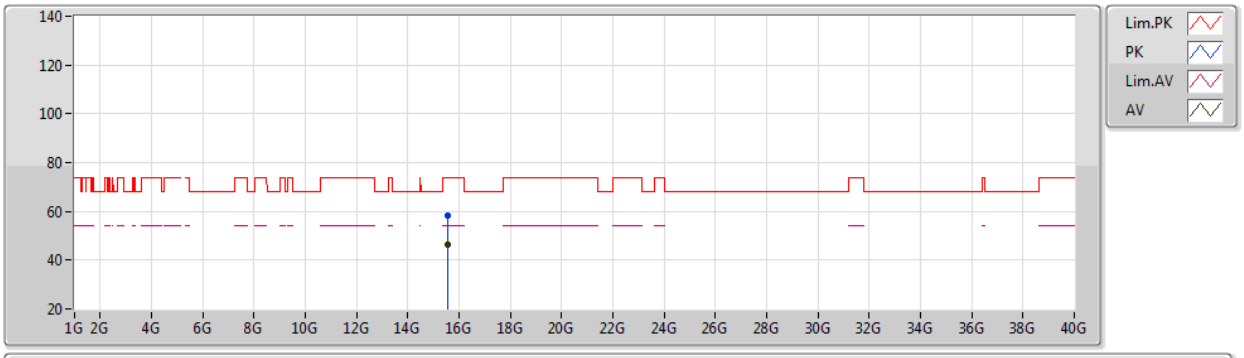

EUT X_2TX
Setting 45
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1G | 59.57 | 74.00 | -14.43 | 51.98 | 3 | Horizontal | 202 | 2.12 | - | 33.40 | 5.95 | 31.76 |
| AV | 5.148G | 47.82 | 54.00 | -6.18 | 40.13 | 3 | Horizontal | 202 | 2.12 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.1952G | 93.01 | Inf | -Inf | 85.20 | 3 | Horizontal | 202 | 2.12 | - | 33.50 | 6.00 | 31.69 |
| AV | 5.1956G | 83.72 | Inf | -Inf | 75.91 | 3 | Horizontal | 202 | 2.12 | - | 33.50 | 6.00 | 31.69 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5190MHz_TX



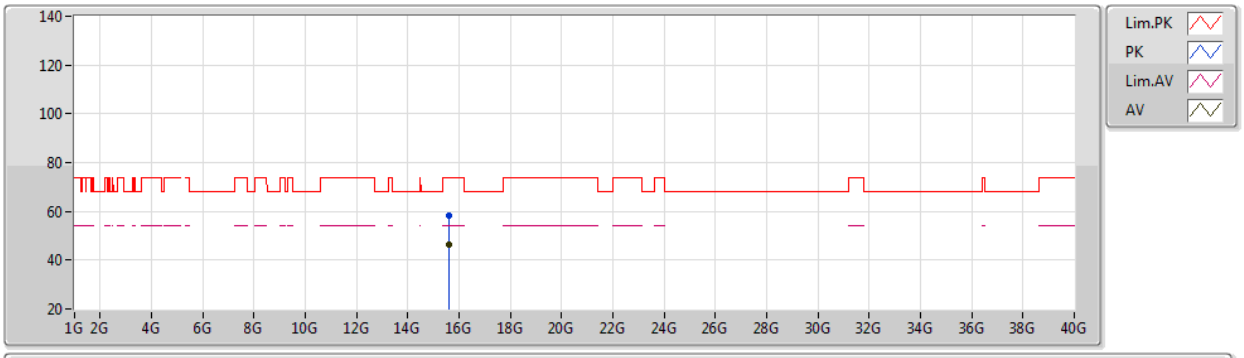

EUT X_2TX
Setting 45
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.5604G | 58.51 | 74.00 | -15.49 | 43.45 | 3 | Vertical | 336 | 1.19 | - | 38.67 | 9.25 | 32.86 |
| AV | 15.5553G | 46.51 | 54.00 | -7.49 | 31.43 | 3 | Vertical | 336 | 1.19 | - | 38.69 | 9.25 | 32.86 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5190MHz_TX

28/08/2020



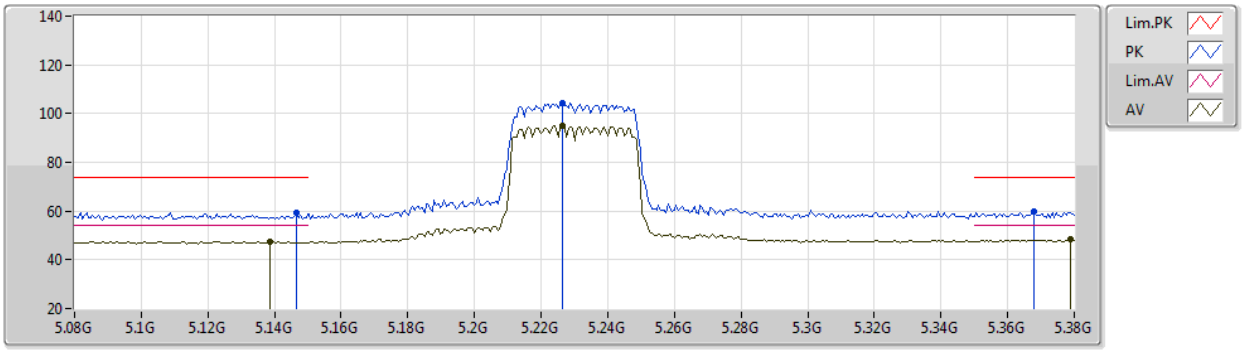

EUT X_2TX
Setting 45
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.5826G | 58.22 | 74.00 | -15.78 | 43.21 | 3 | Horizontal | 137 | 1.15 | - | 38.61 | 9.26 | 32.86 |
| AV | 15.58374G | 46.58 | 54.00 | -7.42 | 31.57 | 3 | Horizontal | 137 | 1.15 | - | 38.61 | 9.26 | 32.86 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5230MHz_TX



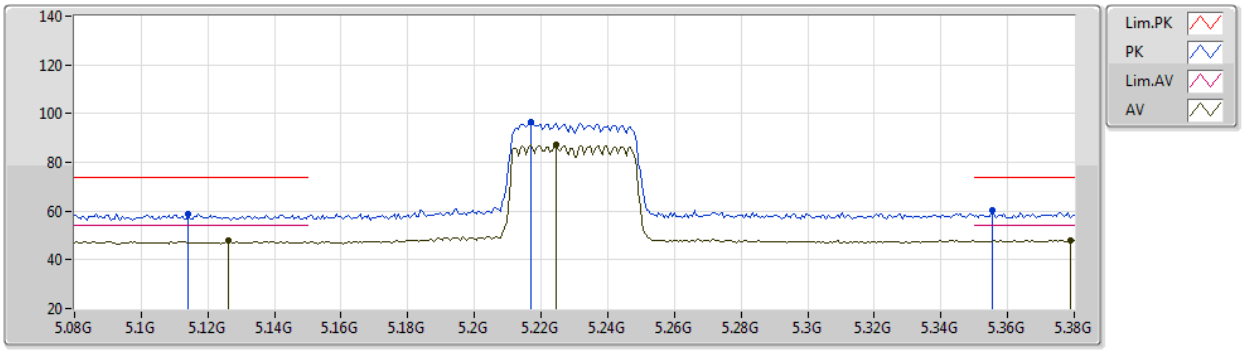

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1466G | 59.46 | 74.00 | -14.54 | 51.77 | 3 | Vertical | 342 | 1.70 | - | 33.45 | 5.97 | 31.73 |
| AV | 5.1388G | 47.57 | 54.00 | -6.43 | 39.89 | 3 | Vertical | 342 | 1.70 | - | 33.44 | 5.97 | 31.73 |
| PK | 5.2264G | 104.25 | Inf | -Inf | 96.36 | 3 | Vertical | 342 | 1.70 | - | 33.55 | 6.01 | 31.67 |
| AV | 5.2264G | 95.12 | Inf | -Inf | 87.23 | 3 | Vertical | 342 | 1.70 | - | 33.55 | 6.01 | 31.67 |
| PK | 5.368G | 59.69 | 74.00 | -14.31 | 51.41 | 3 | Vertical | 342 | 1.70 | - | 33.77 | 6.08 | 31.57 |
| AV | 5.3788G | 48.32 | 54.00 | -5.68 | 40.01 | 3 | Vertical | 342 | 1.70 | - | 33.78 | 6.09 | 31.56 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5230MHz_TX



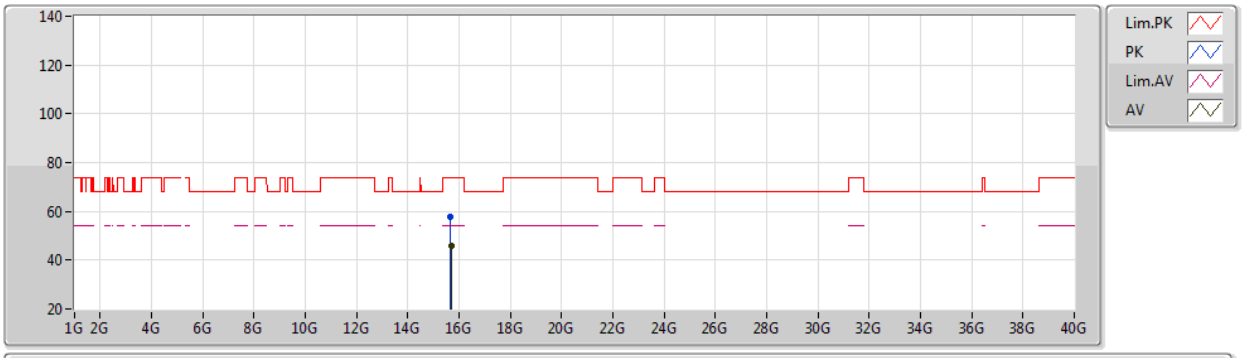

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1142G | 58.94 | 74.00 | -15.06 | 51.32 | 3 | Horizontal | 225 | 1.19 | - | 33.41 | 5.96 | 31.75 |
| AV | 5.1262G | 48.03 | 54.00 | -5.97 | 40.38 | 3 | Horizontal | 225 | 1.19 | - | 33.43 | 5.96 | 31.74 |
| PK | 5.2168G | 96.57 | Inf | -Inf | 88.71 | 3 | Horizontal | 225 | 1.19 | - | 33.53 | 6.01 | 31.68 |
| AV | 5.2246G | 87.05 | Inf | -Inf | 79.16 | 3 | Horizontal | 225 | 1.19 | - | 33.55 | 6.01 | 31.67 |
| PK | 5.3554G | 60.37 | 74.00 | -13.63 | 52.11 | 3 | Horizontal | 225 | 1.19 | - | 33.76 | 6.08 | 31.58 |
| AV | 5.3788G | 47.93 | 54.00 | -6.07 | 39.62 | 3 | Horizontal | 225 | 1.19 | - | 33.78 | 6.09 | 31.56 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5230MHz_TX



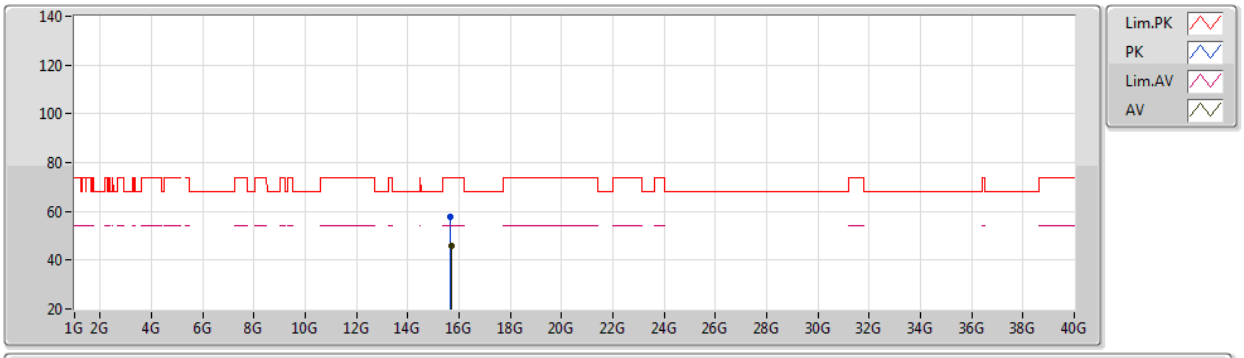

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.67554G | 57.72 | 74.00 | -16.28 | 42.95 | 3 | Vertical | 278 | 2.77 | - | 38.34 | 9.29 | 32.86 |
| AV | 15.68946G | 45.67 | 54.00 | -8.33 | 30.93 | 3 | Vertical | 278 | 2.77 | - | 38.30 | 9.30 | 32.86 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5230MHz_TX



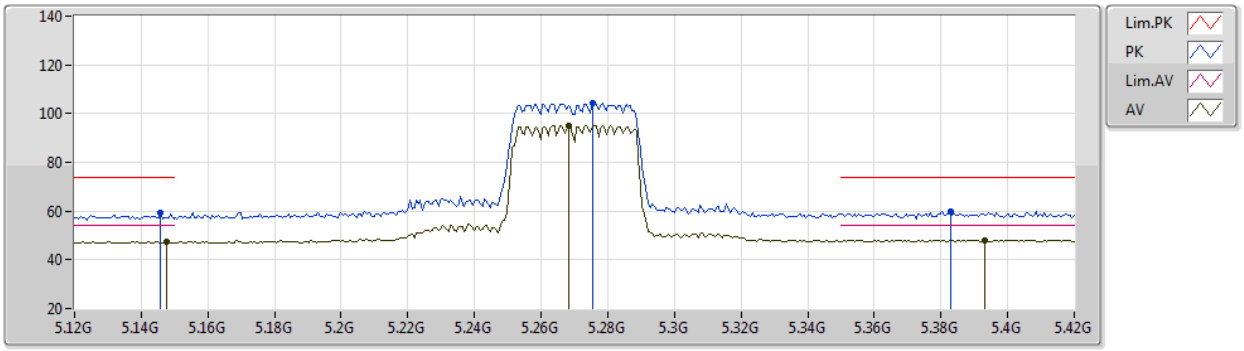

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.67698G | 57.90 | 74.00 | -16.10 | 43.13 | 3 | Horizontal | 327 | 2.73 | - | 38.34 | 9.29 | 32.86 |
| AV | 15.68958G | 45.82 | 54.00 | -8.18 | 31.08 | 3 | Horizontal | 327 | 2.73 | - | 38.30 | 9.30 | 32.86 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5270MHz_TX



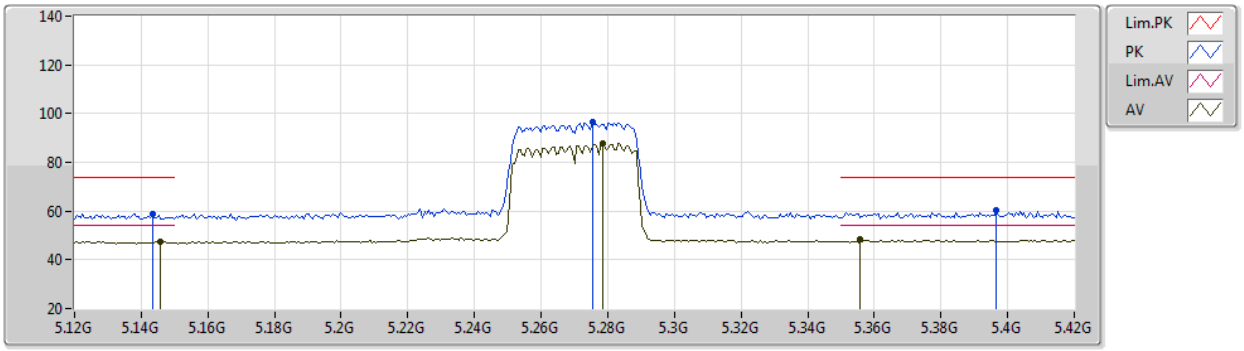

EUT X_2TX
Setting 50
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1458G | 59.22 | 74.00 | -14.78 | 51.53 | 3 | Vertical | 280 | 2.52 | - | 33.45 | 5.97 | 31.73 |
| AV | 5.1476G | 47.49 | 54.00 | -6.51 | 39.80 | 3 | Vertical | 280 | 2.52 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.2754G | 104.51 | Inf | -Inf | 96.46 | 3 | Vertical | 280 | 2.52 | - | 33.65 | 6.04 | 31.64 |
| AV | 5.2682G | 95.21 | Inf | -Inf | 87.18 | 3 | Vertical | 280 | 2.52 | - | 33.64 | 6.03 | 31.64 |
| PK | 5.3828G | 59.91 | 74.00 | -14.09 | 51.60 | 3 | Vertical | 280 | 2.52 | - | 33.78 | 6.09 | 31.56 |
| AV | 5.393G | 48.16 | 54.00 | -5.84 | 39.82 | 3 | Vertical | 280 | 2.52 | - | 33.79 | 6.10 | 31.55 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5270MHz_TX

28/08/2020



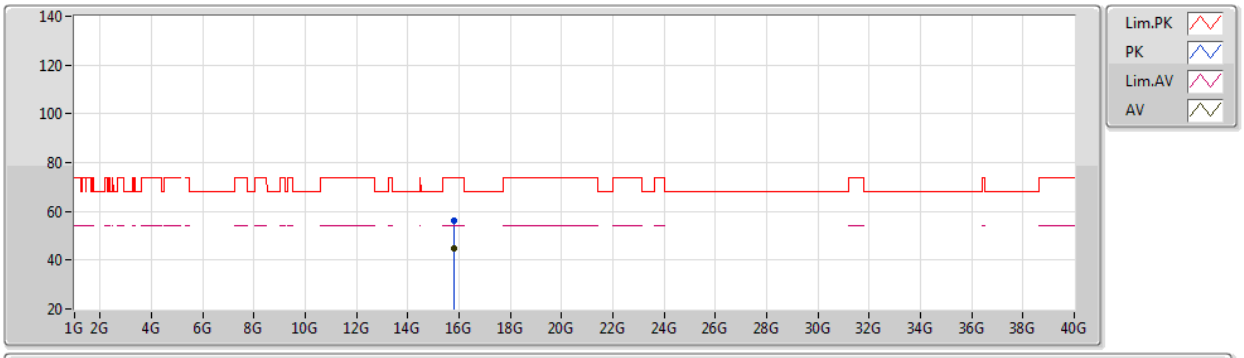

EUT X_2TX
Setting 50
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.1434G | 58.79 | 74.00 | -15.21 | 51.11 | 3 | Horizontal | 211 | 1.49 | - | 33.44 | 5.97 | 31.73 |
| AV | 5.1458G | 47.34 | 54.00 | -6.66 | 39.65 | 3 | Horizontal | 211 | 1.49 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.2754G | 96.72 | Inf | -Inf | 88.67 | 3 | Horizontal | 211 | 1.49 | - | 33.65 | 6.04 | 31.64 |
| AV | 5.2784G | 87.57 | Inf | -Inf | 79.51 | 3 | Horizontal | 211 | 1.49 | - | 33.66 | 6.04 | 31.64 |
| PK | 5.3966G | 60.26 | 74.00 | -13.74 | 51.91 | 3 | Horizontal | 211 | 1.49 | - | 33.80 | 6.10 | 31.55 |
| AV | 5.3558G | 48.26 | 54.00 | -5.74 | 40.00 | 3 | Horizontal | 211 | 1.49 | - | 33.76 | 6.08 | 31.58 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5270MHz_TX

28/08/2020



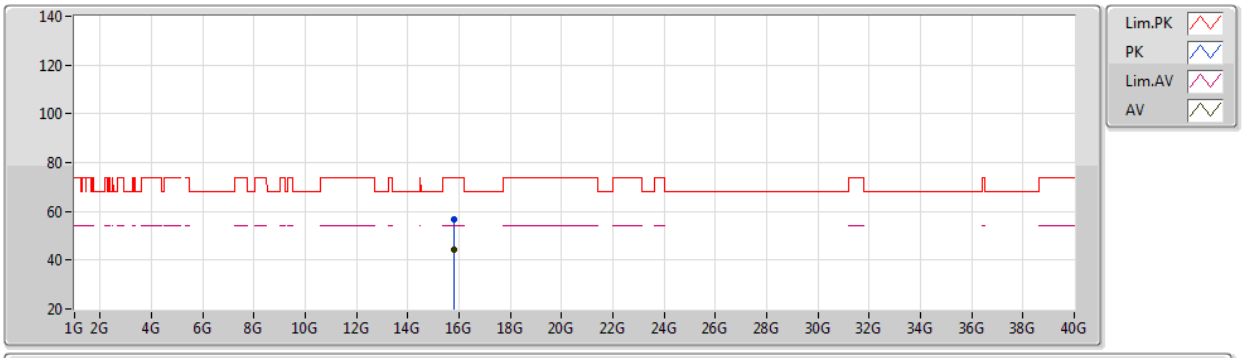

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.80394G | 56.39 | 74.00 | -17.61 | 41.95 | 3 | Vertical | 222 | 1.77 | - | 37.97 | 9.34 | 32.87 |
| AV | 15.80496G | 44.60 | 54.00 | -9.40 | 30.16 | 3 | Vertical | 222 | 1.77 | - | 37.97 | 9.34 | 32.87 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5270MHz_TX



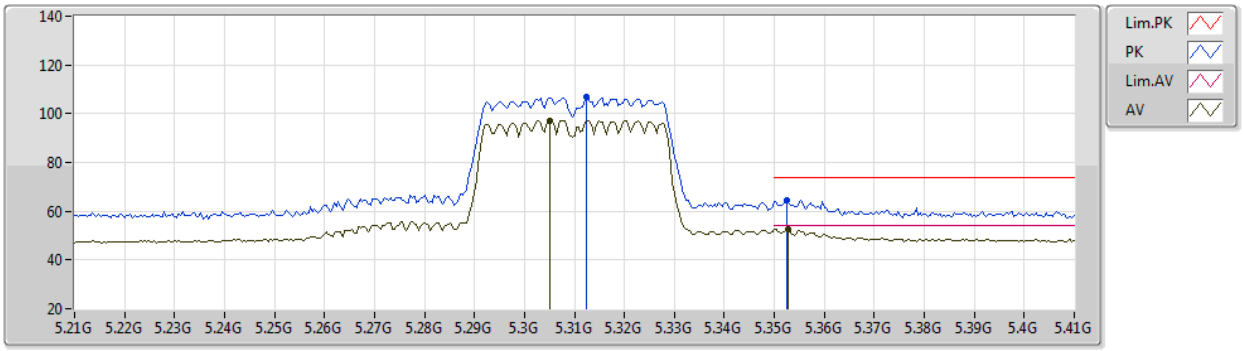

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.81114G | 56.78 | 74.00 | -17.22 | 42.36 | 3 | Horizontal | 123 | 2.47 | - | 37.95 | 9.34 | 32.87 |
| AV | 15.8094G | 44.44 | 54.00 | -9.56 | 30.02 | 3 | Horizontal | 123 | 2.47 | - | 37.95 | 9.34 | 32.87 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5310MHz_TX

28/08/2020



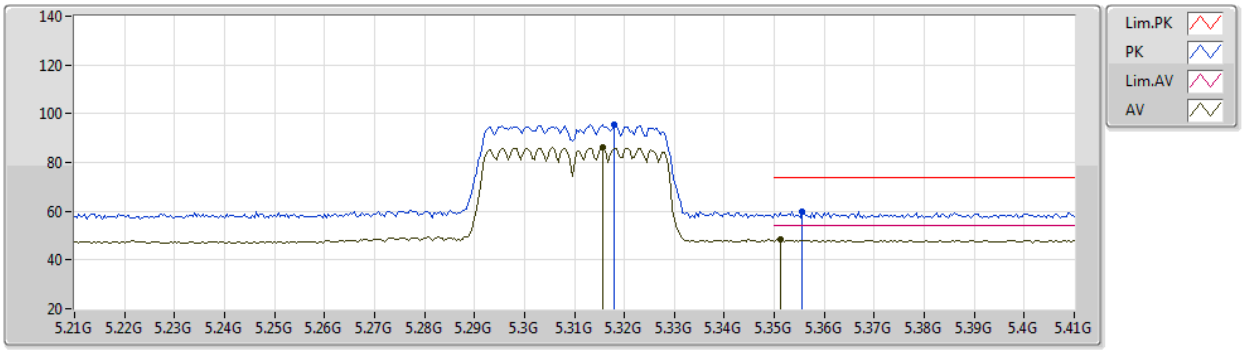

EUT X_2TX
Setting 50
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.3124G | 106.96 | Inf | -Inf | 98.80 | 3 | Vertical | 47 | 2.66 | - | 33.71 | 6.06 | 31.61 |
| AV | 5.3052G | 97.24 | Inf | -Inf | 89.10 | 3 | Vertical | 47 | 2.66 | - | 33.71 | 6.05 | 31.62 |
| PK | 5.3524G | 64.35 | 74.00 | -9.65 | 56.10 | 3 | Vertical | 47 | 2.66 | - | 33.75 | 6.08 | 31.58 |
| AV | 5.3528G | 52.83 | 54.00 | -1.17 | 44.58 | 3 | Vertical | 47 | 2.66 | - | 33.75 | 6.08 | 31.58 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5310MHz_TX

28/08/2020



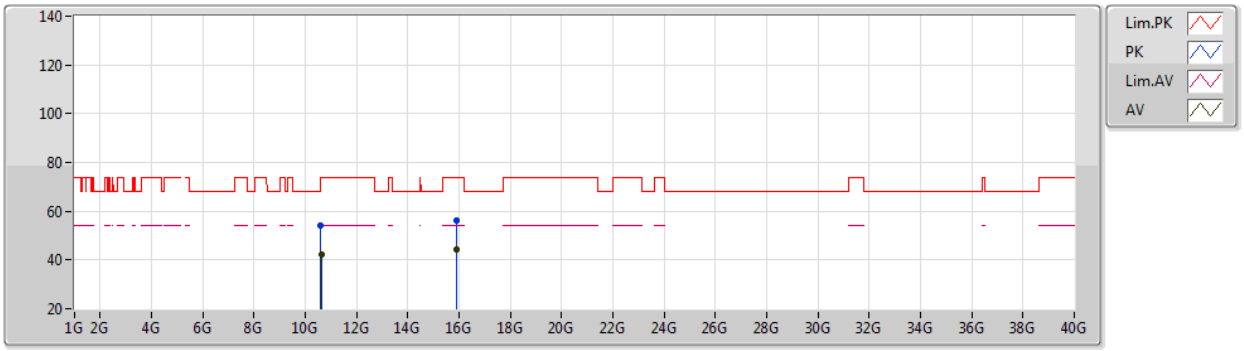

EUT X_2TX
Setting 50
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.318G | 95.35 | Inf | -Inf | 87.18 | 3 | Horizontal | 201 | 1.67 | - | 33.72 | 6.06 | 31.61 |
| AV | 5.3156G | 86.12 | Inf | -Inf | 77.95 | 3 | Horizontal | 201 | 1.67 | - | 33.72 | 6.06 | 31.61 |
| PK | 5.3556G | 59.83 | 74.00 | -14.17 | 51.57 | 3 | Horizontal | 201 | 1.67 | - | 33.76 | 6.08 | 31.58 |
| AV | 5.3512G | 48.30 | 54.00 | -5.70 | 40.05 | 3 | Horizontal | 201 | 1.67 | - | 33.75 | 6.08 | 31.58 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5310MHz_TX



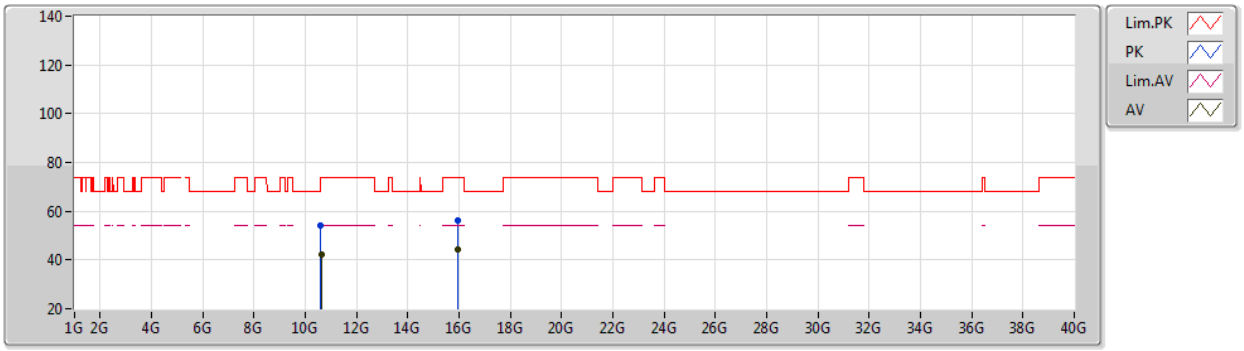

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.61316G | 53.99 | 74.00 | -20.01 | 39.32 | 3 | Vertical | 33 | 1.85 | - | 38.73 | 8.59 | 32.65 |
| AV | 10.62012G | 42.01 | 54.00 | -11.99 | 27.34 | 3 | Vertical | 33 | 1.85 | - | 38.73 | 8.59 | 32.65 |
| PK | 15.92112G | 56.45 | 74.00 | -17.55 | 42.33 | 3 | Vertical | 185 | 1.71 | - | 37.63 | 9.37 | 32.88 |
| AV | 15.92328G | 44.07 | 54.00 | -9.93 | 29.96 | 3 | Vertical | 185 | 1.71 | - | 37.62 | 9.37 | 32.88 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5310MHz_TX



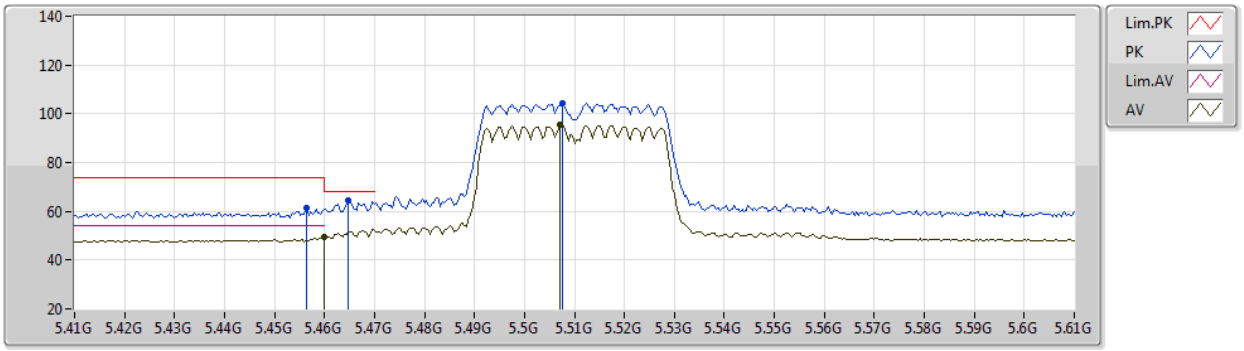

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 10.60698G | 54.25 | 74.00 | -19.75 | 39.57 | 3 | Horizontal | 288 | 2.47 | - | 38.74 | 8.59 | 32.65 |
| AV | 10.61982G | 42.22 | 54.00 | -11.78 | 27.55 | 3 | Horizontal | 288 | 2.47 | - | 38.73 | 8.59 | 32.65 |
| PK | 15.9405G | 56.30 | 74.00 | -17.70 | 42.23 | 3 | Horizontal | 193 | 1.47 | - | 37.57 | 9.38 | 32.88 |
| AV | 15.9279G | 44.09 | 54.00 | -9.91 | 29.98 | 3 | Horizontal | 193 | 1.47 | - | 37.61 | 9.38 | 32.88 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5510MHz_TX



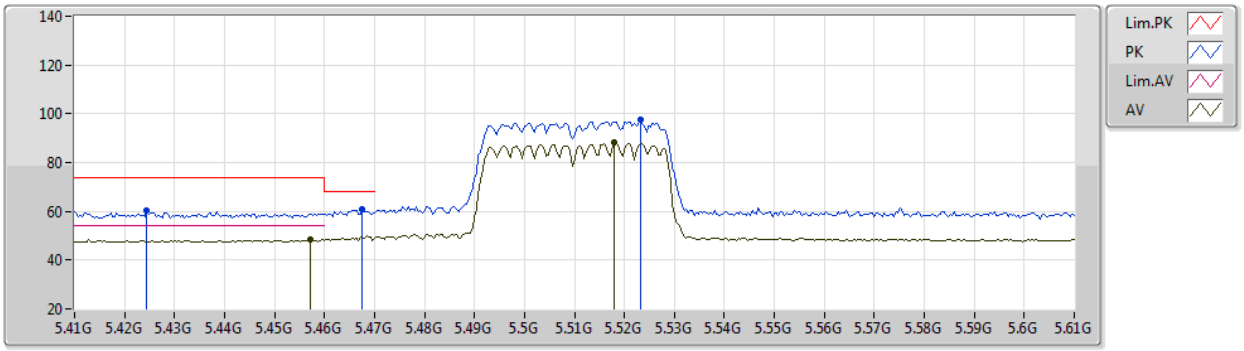

EUT X_2TX
Setting 46
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4564G | 61.40 | 74.00 | -12.60 | 52.88 | 3 | Vertical | 3 | 1.79 | - | 33.86 | 6.16 | 31.50 |
| AV | 5.46G | 49.70 | 54.00 | -4.30 | 41.17 | 3 | Vertical | 3 | 1.79 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.4648G | 64.46 | 68.20 | -3.74 | 55.93 | 3 | Vertical | 3 | 1.79 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.5076G | 104.51 | Inf | -Inf | 95.86 | 3 | Vertical | 3 | 1.79 | - | 33.90 | 6.22 | 31.47 |
| AV | 5.5072G | 95.40 | Inf | -Inf | 86.75 | 3 | Vertical | 3 | 1.79 | - | 33.90 | 6.22 | 31.47 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5510MHz_TX



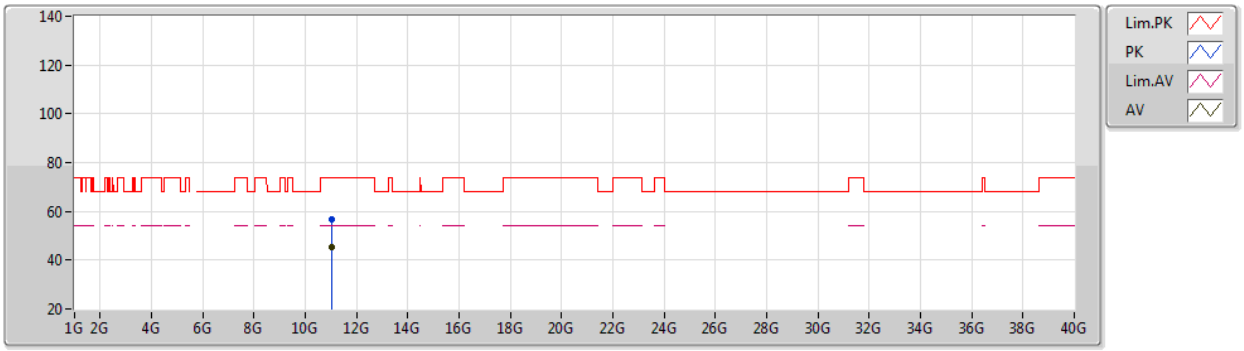

EUT X_2TX
Setting 46
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4244G | 60.19 | 74.00 | -13.81 | 51.77 | 3 | Horizontal | 142 | 1.01 | - | 33.82 | 6.13 | 31.53 |
| PK | 5.4676G | 60.77 | 68.20 | -7.43 | 52.23 | 3 | Horizontal | 142 | 1.01 | - | 33.87 | 6.17 | 31.50 |
| AV | 5.4572G | 48.29 | 54.00 | -5.71 | 39.77 | 3 | Horizontal | 142 | 1.01 | - | 33.86 | 6.16 | 31.50 |
| PK | 5.5232G | 97.37 | Inf | -Inf | 88.71 | 3 | Horizontal | 142 | 1.01 | - | 33.90 | 6.23 | 31.47 |
| AV | 5.518G | 88.03 | Inf | -Inf | 79.37 | 3 | Horizontal | 142 | 1.01 | - | 33.90 | 6.23 | 31.47 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5510MHz_TX

28/08/2020



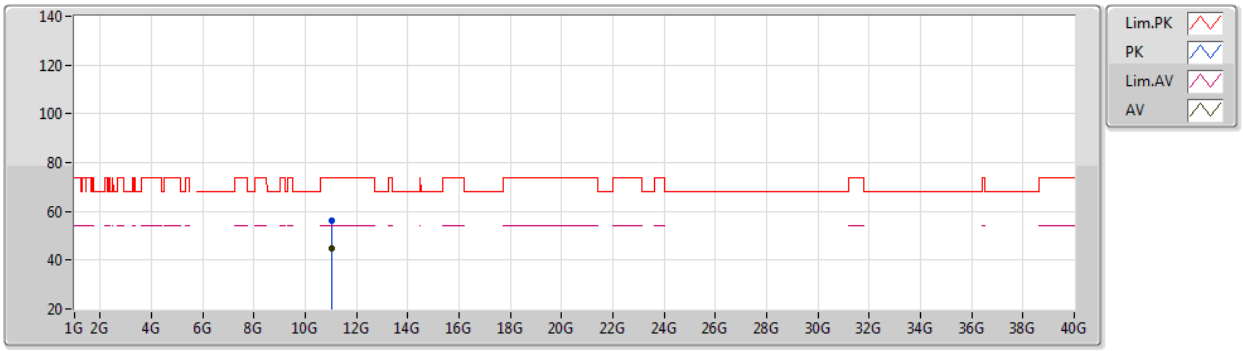

EUT X_2TX
Setting 46
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.03164G | 56.61 | 74.00 | -17.39 | 42.13 | 3 | Vertical | 309 | 1.68 | - | 38.53 | 8.72 | 32.77 |
| AV | 11.02732G | 45.10 | 54.00 | -8.90 | 30.62 | 3 | Vertical | 309 | 1.68 | - | 38.52 | 8.72 | 32.76 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5510MHz_TX



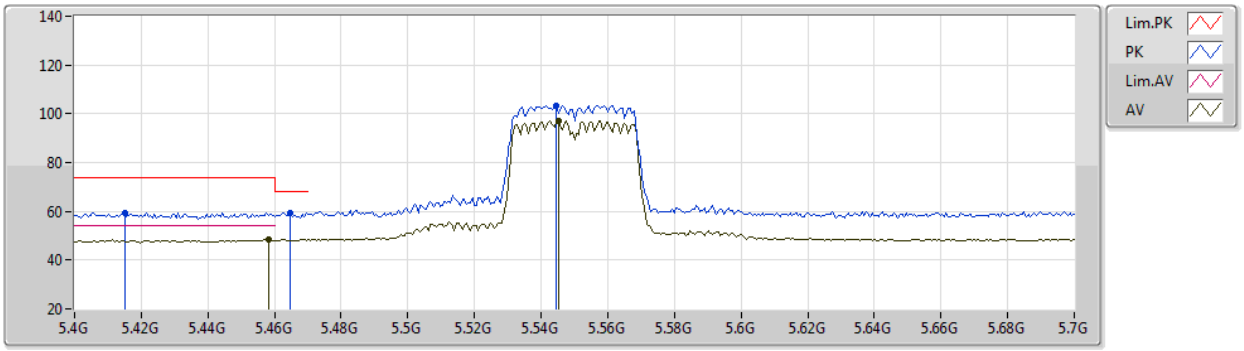

EUT X_2TX
Setting 46
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.02486G | 56.29 | 74.00 | -17.71 | 41.81 | 3 | Horizontal | 310 | 1.80 | - | 38.52 | 8.72 | 32.76 |
| AV | 11.02726G | 44.94 | 54.00 | -9.06 | 30.46 | 3 | Horizontal | 310 | 1.80 | - | 38.52 | 8.72 | 32.76 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5550MHz_TX



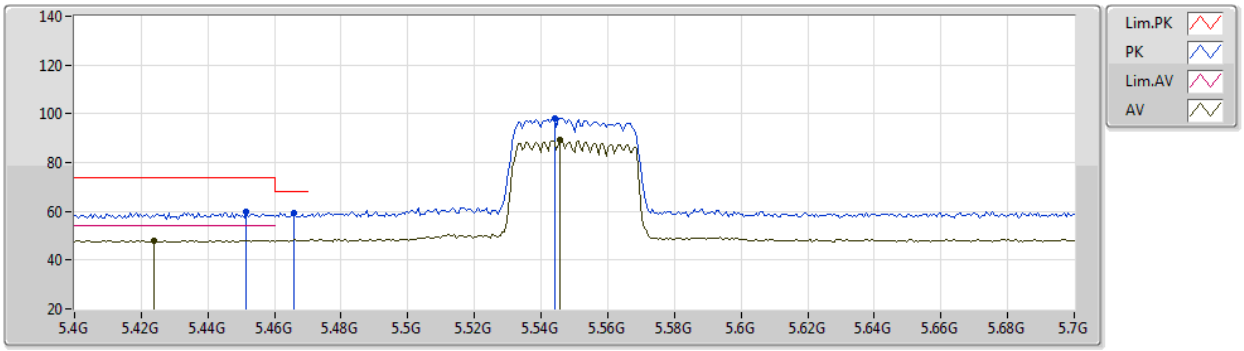

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.415G | 59.55 | 74.00 | -14.45 | 51.16 | 3 | Vertical | 2 | 2.07 | - | 33.81 | 6.12 | 31.54 |
| PK | 5.4648G | 59.40 | 68.20 | -8.80 | 50.87 | 3 | Vertical | 2 | 2.07 | - | 33.86 | 6.17 | 31.50 |
| AV | 5.4582G | 48.28 | 54.00 | -5.72 | 39.76 | 3 | Vertical | 2 | 2.07 | - | 33.86 | 6.16 | 31.50 |
| PK | 5.5446G | 103.50 | Inf | -Inf | 94.82 | 3 | Vertical | 2 | 2.07 | - | 33.90 | 6.25 | 31.47 |
| AV | 5.5452G | 97.17 | Inf | -Inf | 88.49 | 3 | Vertical | 2 | 2.07 | - | 33.90 | 6.25 | 31.47 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5550MHz_TX



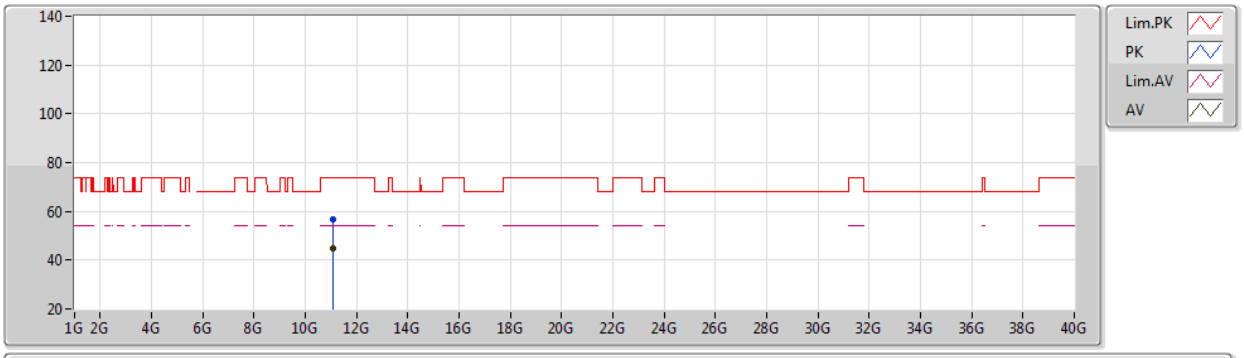

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.4516G | 59.92 | 74.00 | -14.08 | 51.42 | 3 | Horizontal | 144 | 1.08 | - | 33.85 | 6.16 | 31.51 |
| AV | 5.424G | 48.14 | 54.00 | -5.86 | 39.72 | 3 | Horizontal | 144 | 1.08 | - | 33.82 | 6.13 | 31.53 |
| PK | 5.466G | 59.43 | 68.20 | -8.77 | 50.89 | 3 | Horizontal | 144 | 1.08 | - | 33.87 | 6.17 | 31.50 |
| PK | 5.544G | 98.25 | Inf | -Inf | 89.57 | 3 | Horizontal | 144 | 1.08 | - | 33.90 | 6.25 | 31.47 |
| AV | 5.5458G | 89.06 | Inf | -Inf | 80.38 | 3 | Horizontal | 144 | 1.08 | - | 33.90 | 6.25 | 31.47 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5550MHz_TX



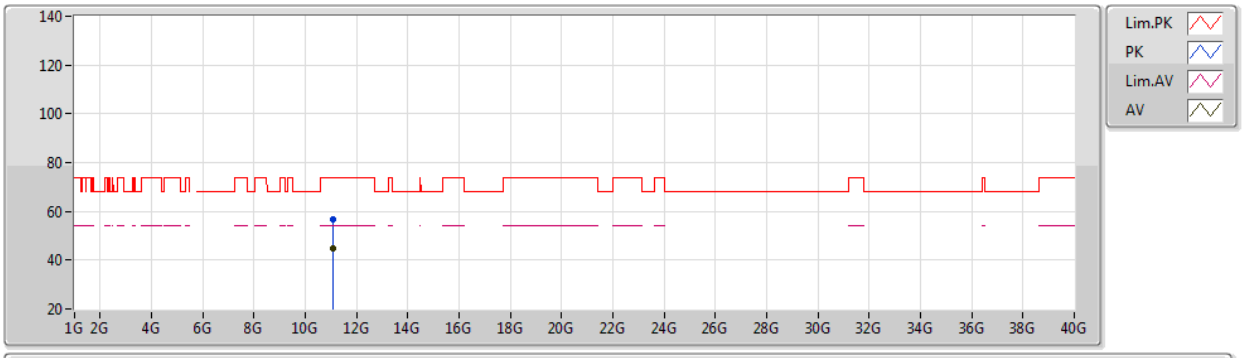

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.09862G | 56.86 | 74.00 | -17.14 | 42.32 | 3 | Vertical | 356 | 1.72 | - | 38.58 | 8.74 | 32.78 |
| AV | 11.09952G | 44.78 | 54.00 | -9.22 | 30.24 | 3 | Vertical | 356 | 1.72 | - | 38.58 | 8.74 | 32.78 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5550MHz_TX



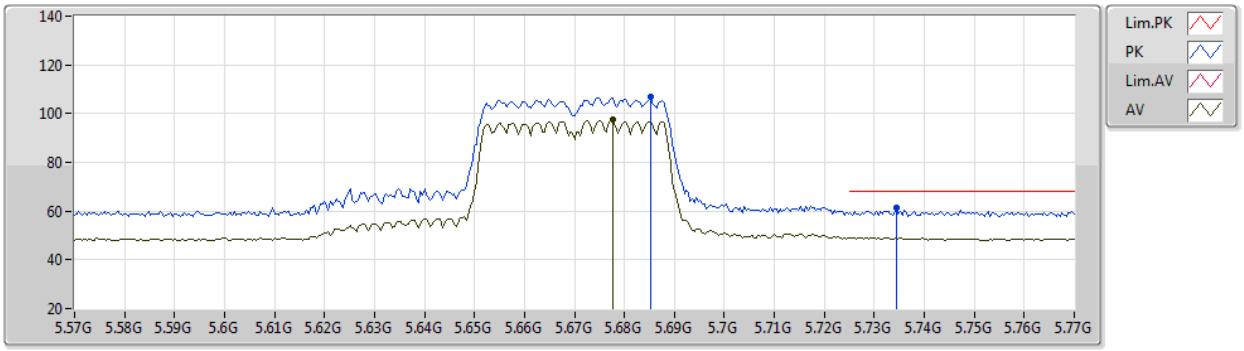

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.09994G | 56.53 | 74.00 | -17.47 | 41.99 | 3 | Horizontal | 328 | 1.67 | - | 38.58 | 8.74 | 32.78 |
| AV | 11.09946G | 44.58 | 54.00 | -9.42 | 30.04 | 3 | Horizontal | 328 | 1.67 | - | 38.58 | 8.74 | 32.78 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5670MHz_TX

28/08/2020



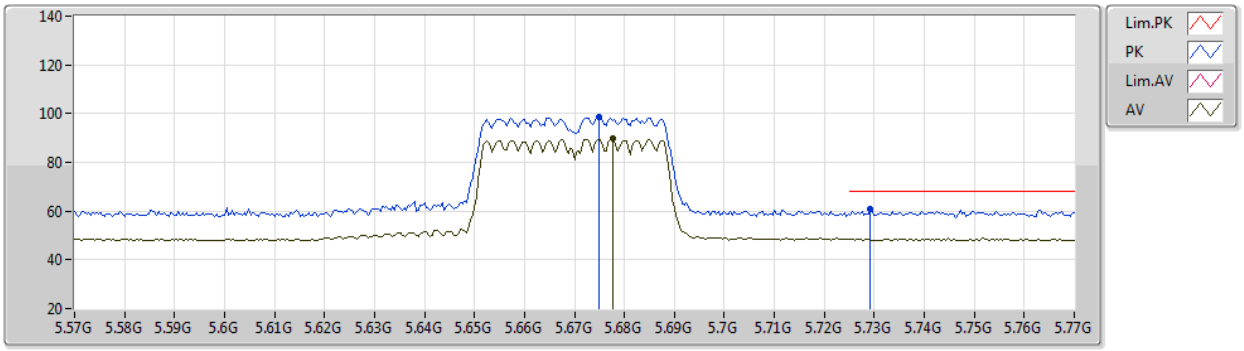

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.6852G | 106.77 | Inf | -Inf | 98.08 | 3 | Vertical | 0 | 2.01 | - | 33.81 | 6.34 | 31.46 |
| AV | 5.6776G | 97.36 | Inf | -Inf | 88.66 | 3 | Vertical | 0 | 2.01 | - | 33.82 | 6.34 | 31.46 |
| PK | 5.7344G | 61.47 | 68.20 | -6.73 | 52.76 | 3 | Vertical | 0 | 2.01 | - | 33.80 | 6.37 | 31.46 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5670MHz_TX

28/08/2020



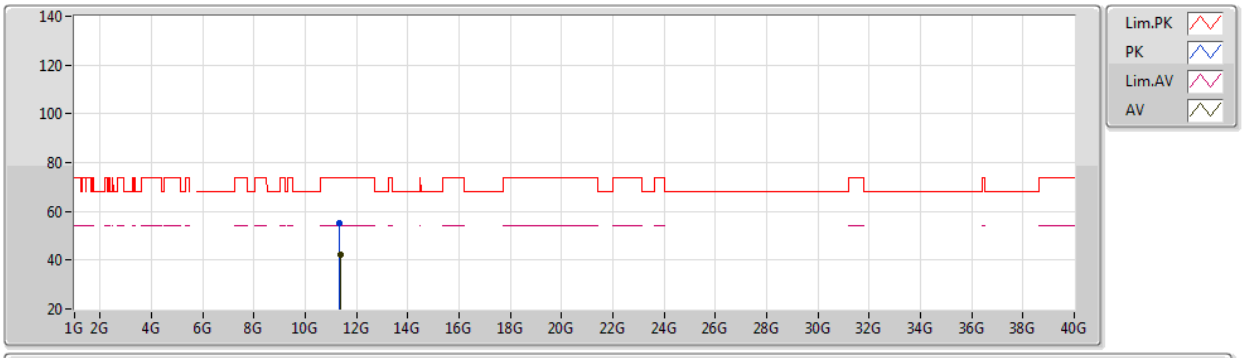

EUT X_2TX
Setting 51
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.6748G | 98.68 | Inf | -Inf | 89.97 | 3 | Horizontal | 131 | 1.00 | - | 33.83 | 6.34 | 31.46 |
| AV | 5.6776G | 89.64 | Inf | -Inf | 80.94 | 3 | Horizontal | 131 | 1.00 | - | 33.82 | 6.34 | 31.46 |
| PK | 5.7292G | 60.73 | 68.20 | -7.47 | 52.03 | 3 | Horizontal | 131 | 1.00 | - | 33.80 | 6.36 | 31.46 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5670MHz_TX

28/08/2020



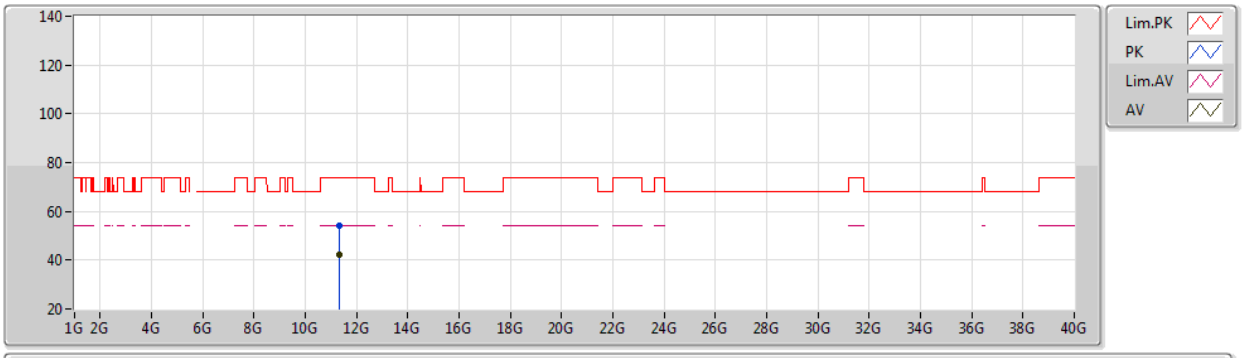

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.35218G | 55.08 | 74.00 | -18.92 | 40.31 | 3 | Vertical | 206 | 1.45 | - | 38.78 | 8.81 | 32.82 |
| AV | 11.35284G | 42.16 | 54.00 | -11.84 | 27.39 | 3 | Vertical | 206 | 1.45 | - | 38.78 | 8.81 | 32.82 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 5670MHz_TX

28/08/2020



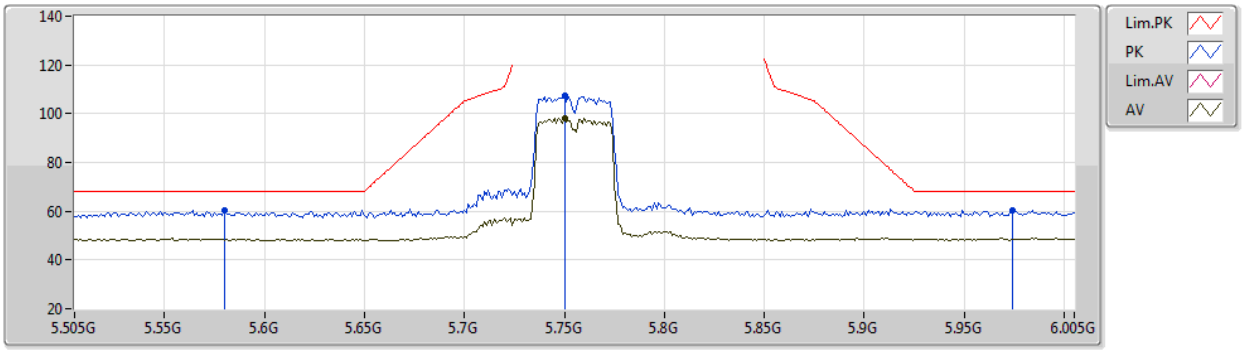

EUT X_2TX
Setting 51
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.35206G | 53.95 | 74.00 | -20.05 | 39.18 | 3 | Horizontal | 199 | 2.33 | - | 38.78 | 8.81 | 32.82 |
| AV | 11.34G | 42.39 | 54.00 | -11.61 | 27.63 | 3 | Horizontal | 199 | 2.33 | - | 38.77 | 8.81 | 32.82 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

### 5755MHz_TX



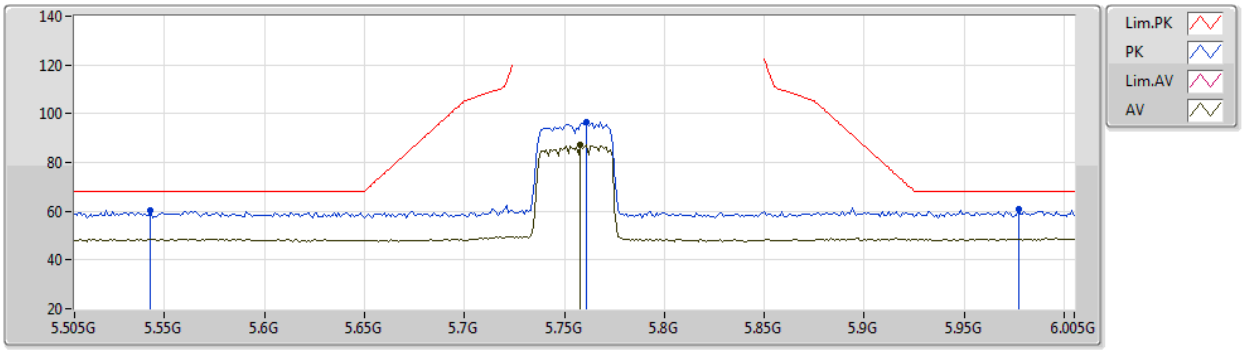

EUT X_2TX
Setting 50
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.58G | 60.34 | 68.20 | -7.86 | 51.63 | 3 | Vertical | 360 | 2.25 | - | 33.90 | 6.28 | 31.47 |
| PK | 5.75G | 107.29 | Inf | -Inf | 98.58 | 3 | Vertical | 360 | 2.25 | - | 33.80 | 6.37 | 31.46 |
| AV | 5.75G | 98.22 | Inf | -Inf | 89.51 | 3 | Vertical | 360 | 2.25 | - | 33.80 | 6.37 | 31.46 |
| PK | 5.974G | 60.52 | 68.20 | -7.68 | 51.49 | 3 | Vertical | 360 | 2.25 | - | 34.17 | 6.31 | 31.45 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

### 5755MHz_TX



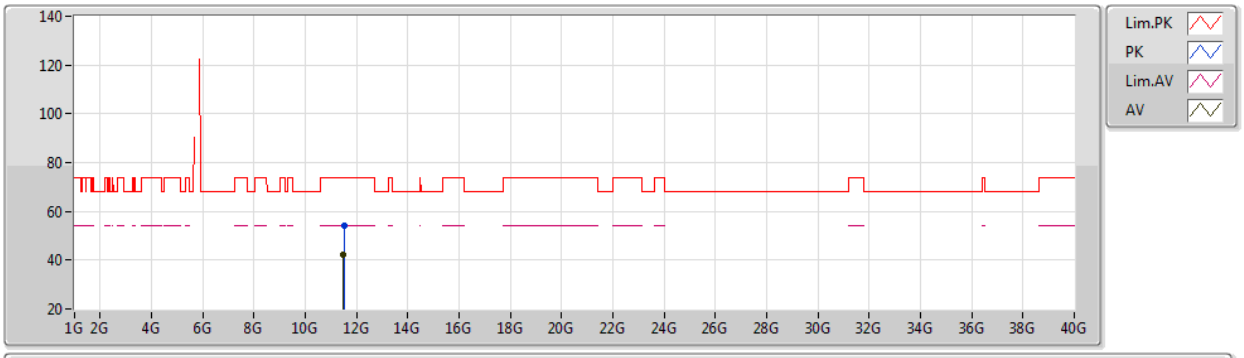

EUT X_2TX
Setting 50
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.543G | 60.54 | 68.20 | -7.66 | 51.86 | 3 | Horizontal | 205 | 1.93 | - | 33.90 | 6.25 | 31.47 |
| PK | 5.761G | 96.40 | Inf | -Inf | 87.68 | 3 | Horizontal | 205 | 1.93 | - | 33.80 | 6.38 | 31.46 |
| AV | 5.758G | 87.15 | Inf | -Inf | 78.43 | 3 | Horizontal | 205 | 1.93 | - | 33.80 | 6.38 | 31.46 |
| PK | 5.977G | 60.72 | 68.20 | -7.48 | 51.68 | 3 | Horizontal | 205 | 1.93 | - | 34.18 | 6.31 | 31.45 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5755MHz_TX



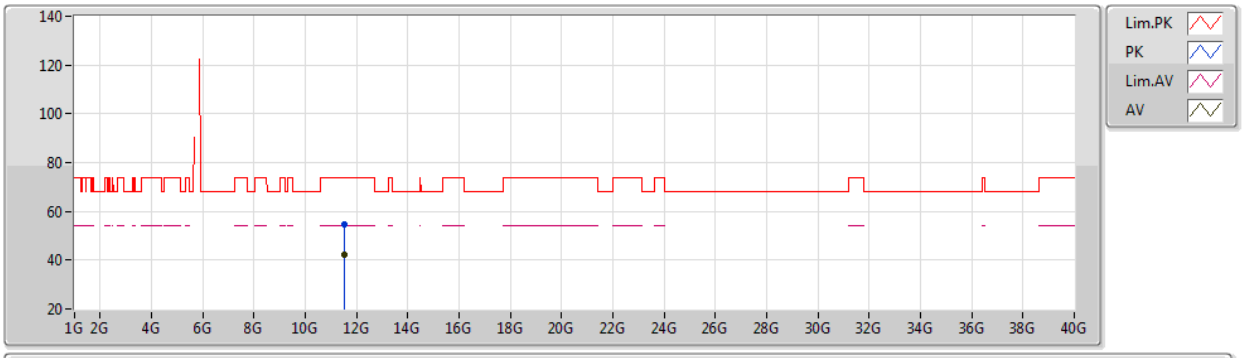

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.50688G | 54.20 | 74.00 | -19.80 | 39.28 | 3 | Vertical | 349 | 1.97 | - | 38.91 | 8.86 | 32.85 |
| AV | 11.495G | 42.31 | 54.00 | -11.69 | 27.41 | 3 | Vertical | 349 | 1.97 | - | 38.90 | 8.85 | 32.85 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5755MHz_TX



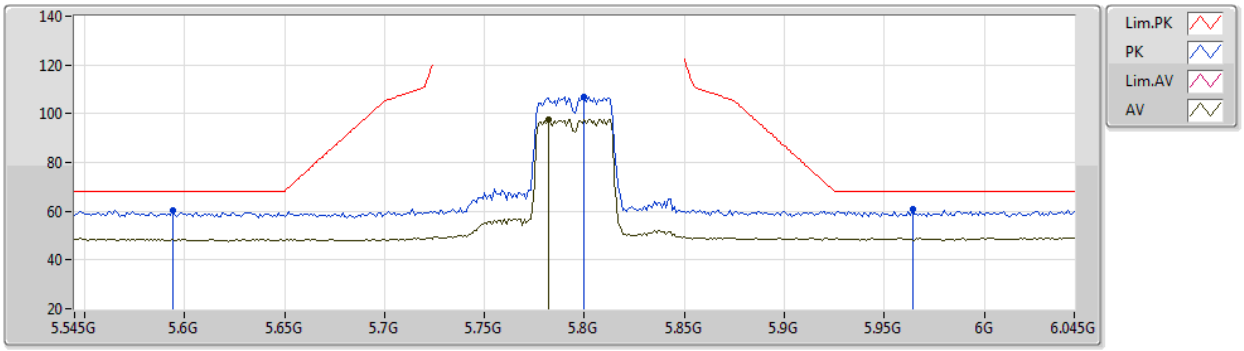

EUT X_2TX
Setting 50
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.5226G | 54.65 | 74.00 | -19.35 | 39.72 | 3 | Horizontal | 350 | 2.36 | - | 38.92 | 8.86 | 32.85 |
| AV | 11.52146G | 42.13 | 54.00 | -11.87 | 27.20 | 3 | Horizontal | 350 | 2.36 | - | 38.92 | 8.86 | 32.85 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5795MHz_TX



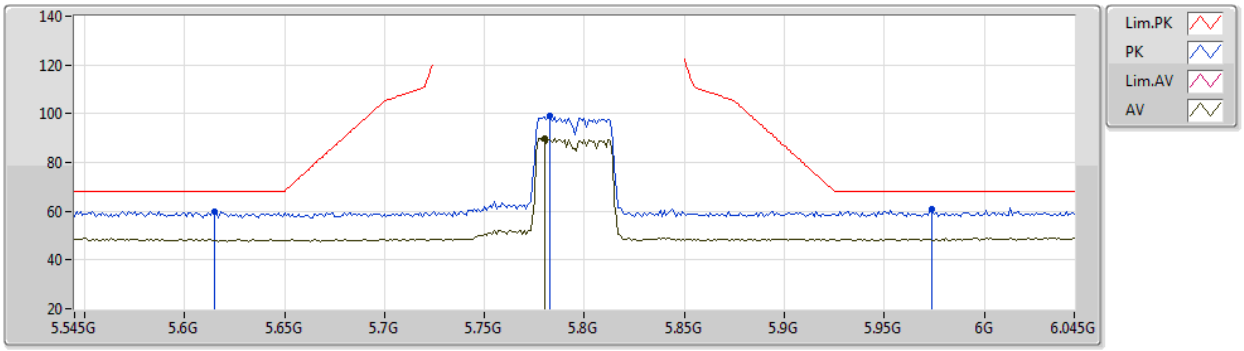

EUT X_2TX
Setting 49
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.594G | 60.15 | 68.20 | -8.05 | 51.43 | 3 | Vertical | 360 | 2.31 | - | 33.90 | 6.29 | 31.47 |
| PK | 5.8G | 106.99 | Inf | -Inf | 98.25 | 3 | Vertical | 360 | 2.31 | - | 33.80 | 6.40 | 31.46 |
| AV | 5.782G | 97.77 | Inf | -Inf | 89.04 | 3 | Vertical | 360 | 2.31 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.964G | 60.67 | 68.20 | -7.53 | 51.64 | 3 | Vertical | 360 | 2.31 | - | 34.16 | 6.32 | 31.45 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5795MHz_TX



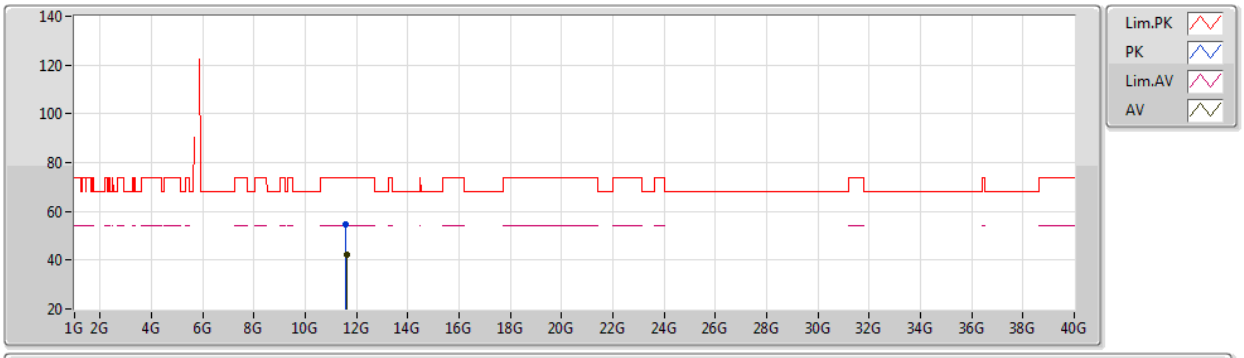

EUT X_2TX
Setting 49
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.615G | 60.06 | 68.20 | -8.14 | 51.34 | 3 | Horizontal | 131 | 1.03 | - | 33.88 | 6.31 | 31.47 |
| PK | 5.783G | 99.02 | Inf | -Inf | 90.29 | 3 | Horizontal | 131 | 1.03 | - | 33.80 | 6.39 | 31.46 |
| AV | 5.78G | 90.05 | Inf | -Inf | 81.32 | 3 | Horizontal | 131 | 1.03 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.974G | 60.77 | 68.20 | -7.43 | 51.74 | 3 | Horizontal | 131 | 1.03 | - | 34.17 | 6.31 | 31.45 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5795MHz_TX



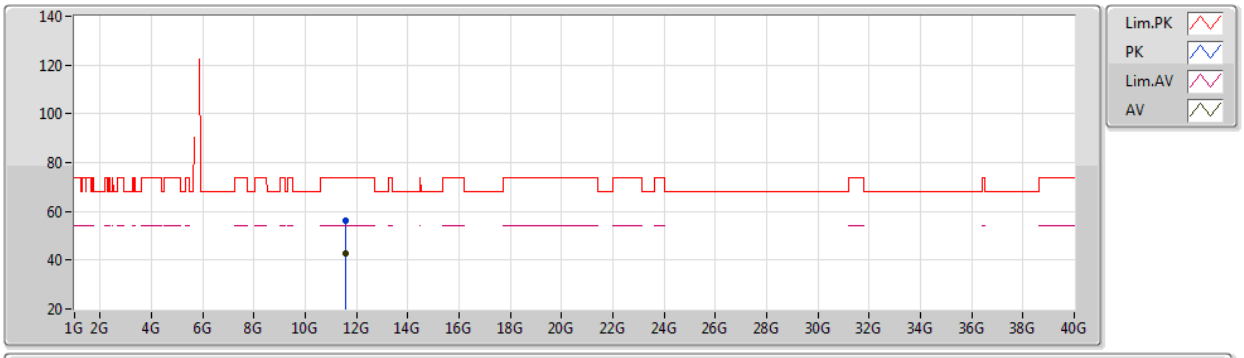

EUT X_2TX
Setting 49
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.58046G | 54.61 | 74.00 | -19.39 | 39.63 | 3 | Vertical | 37 | 1.67 | - | 38.96 | 8.88 | 32.86 |
| AV | 11.60374G | 42.36 | 54.00 | -11.64 | 27.36 | 3 | Vertical | 37 | 1.67 | - | 38.98 | 8.89 | 32.87 |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

28/08/2020

## 5795MHz_TX



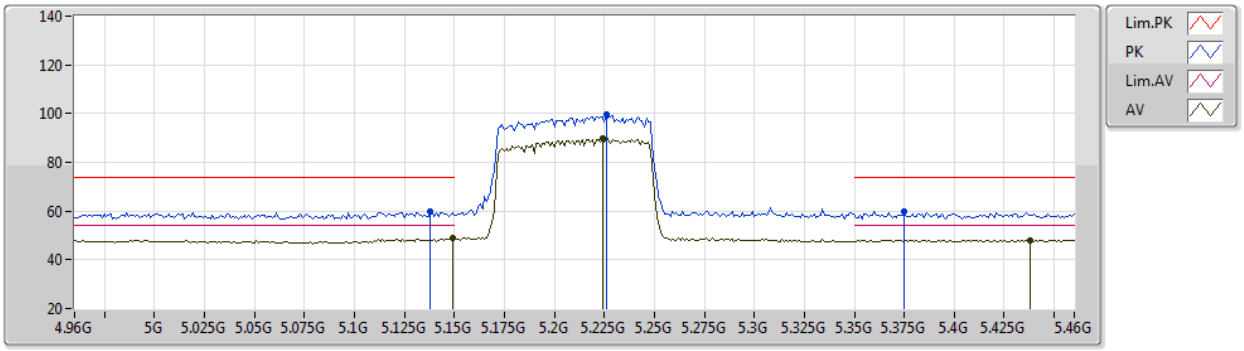

EUT X_2TX
Setting 49
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.5834G | 56.04 | 74.00 | -17.96 | 41.06 | 3 | Horizontal | 259 | 1.55 | - | 38.97 | 8.88 | 32.87 |
| AV | 11.59552G | 42.54 | 54.00 | -11.46 | 27.55 | 3 | Horizontal | 259 | 1.55 | - | 38.98 | 8.88 | 32.87 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

## 5210MHz_TX

28/08/2020



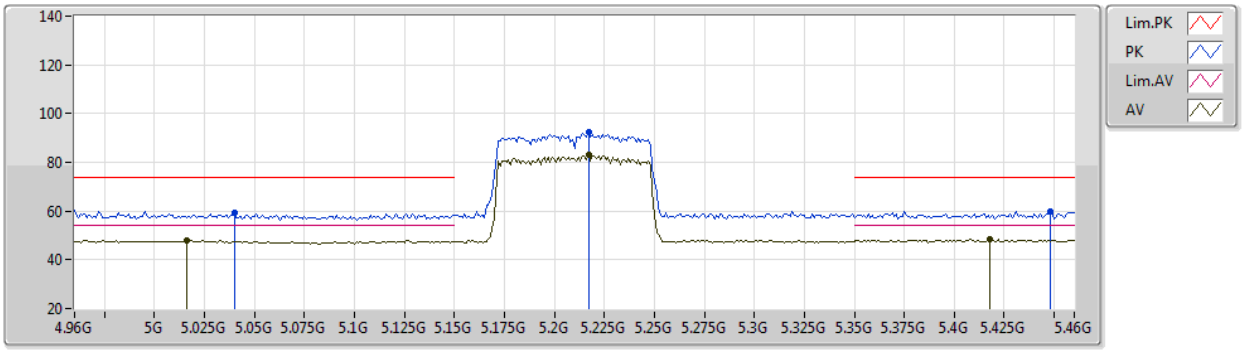

EUT X_2TX
Setting 46
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.138G | 59.58 | 74.00 | -14.42 | 51.90 | 3 | Vertical | 340 | 1.69 | - | 33.44 | 5.97 | 31.73 |
| AV | 5.149G | 49.03 | 54.00 | -4.97 | 41.34 | 3 | Vertical | 340 | 1.69 | - | 33.45 | 5.97 | 31.73 |
| PK | 5.226G | 99.43 | Inf | -Inf | 91.54 | 3 | Vertical | 340 | 1.69 | - | 33.55 | 6.01 | 31.67 |
| AV | 5.224G | 90.06 | Inf | -Inf | 82.17 | 3 | Vertical | 340 | 1.69 | - | 33.55 | 6.01 | 31.67 |
| PK | 5.375G | 59.94 | 74.00 | -14.06 | 51.65 | 3 | Vertical | 340 | 1.69 | - | 33.77 | 6.09 | 31.57 |
| AV | 5.438G | 48.18 | 54.00 | -5.82 | 39.72 | 3 | Vertical | 340 | 1.69 | - | 33.84 | 6.14 | 31.52 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

## 5210MHz_TX

28/08/2020



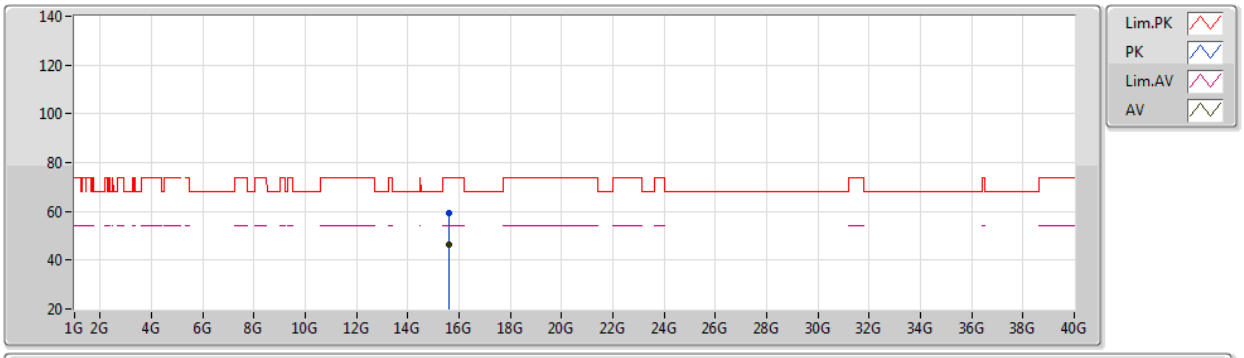

EUT X_2TX
Setting 46
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.04G | 59.07 | 74.00 | -14.93 | 51.62 | 3 | Horizontal | 225 | 1.19 | - | 33.34 | 5.92 | 31.81 |
| AV | 5.016G | 48.03 | 54.00 | -5.97 | 40.63 | 3 | Horizontal | 225 | 1.19 | - | 33.32 | 5.91 | 31.83 |
| PK | 5.217G | 92.18 | Inf | -Inf | 84.32 | 3 | Horizontal | 225 | 1.19 | - | 33.53 | 6.01 | 31.68 |
| AV | 5.217G | 83.03 | Inf | -Inf | 75.17 | 3 | Horizontal | 225 | 1.19 | - | 33.53 | 6.01 | 31.68 |
| PK | 5.448G | 59.90 | 74.00 | -14.10 | 51.41 | 3 | Horizontal | 225 | 1.19 | - | 33.85 | 6.15 | 31.51 |
| AV | 5.418G | 48.30 | 54.00 | -5.70 | 39.90 | 3 | Horizontal | 225 | 1.19 | - | 33.82 | 6.12 | 31.54 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5210MHz_TX



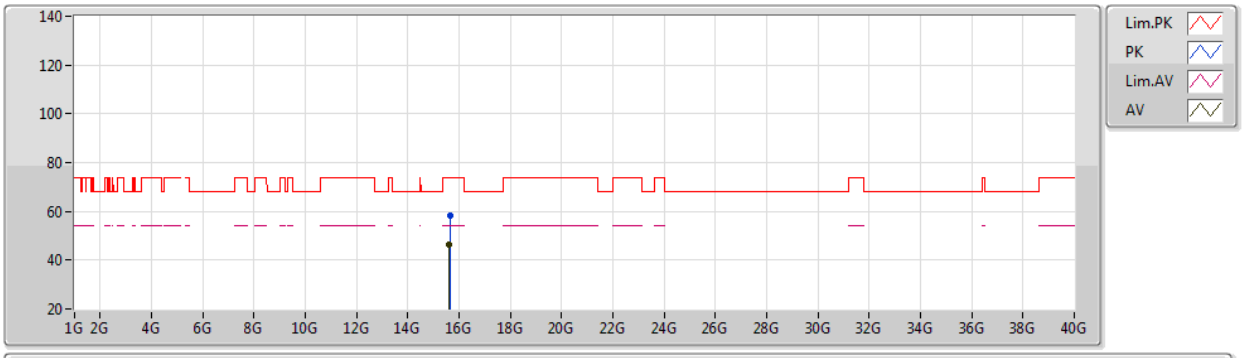

EUT X_2TX
Setting 46
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.61884G | 59.15 | 74.00 | -14.85 | 44.23 | 3 | Vertical | 335 | 1.99 | - | 38.51 | 9.27 | 32.86 |
| AV | 15.62226G | 46.37 | 54.00 | -7.63 | 31.45 | 3 | Vertical | 335 | 1.99 | - | 38.50 | 9.28 | 32.86 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

## 5210MHz_TX

28/08/2020



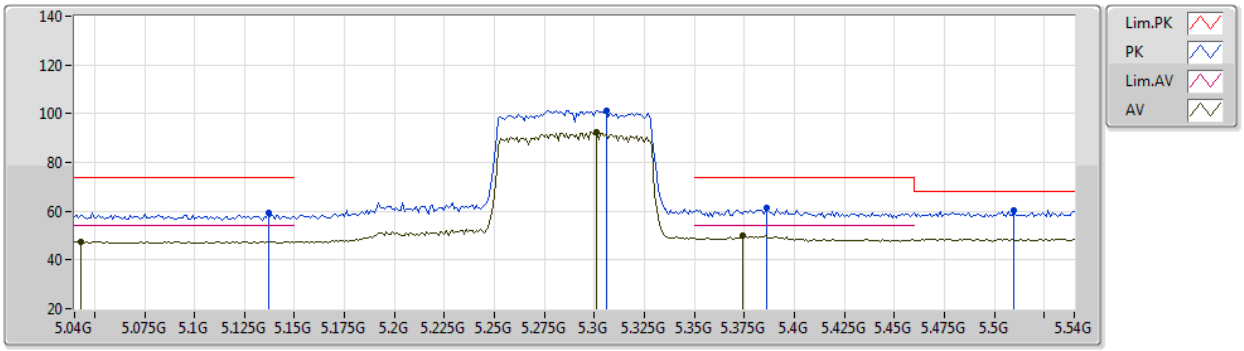

EUT X_2TX
Setting 46
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.63324G | 58.38 | 74.00 | -15.62 | 43.50 | 3 | Horizontal | 160 | 1.59 | - | 38.46 | 9.28 | 32.86 |
| AV | 15.6297G | 46.58 | 54.00 | -7.42 | 31.69 | 3 | Horizontal | 160 | 1.59 | - | 38.47 | 9.28 | 32.86 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

## 5290MHz_TX

28/08/2020



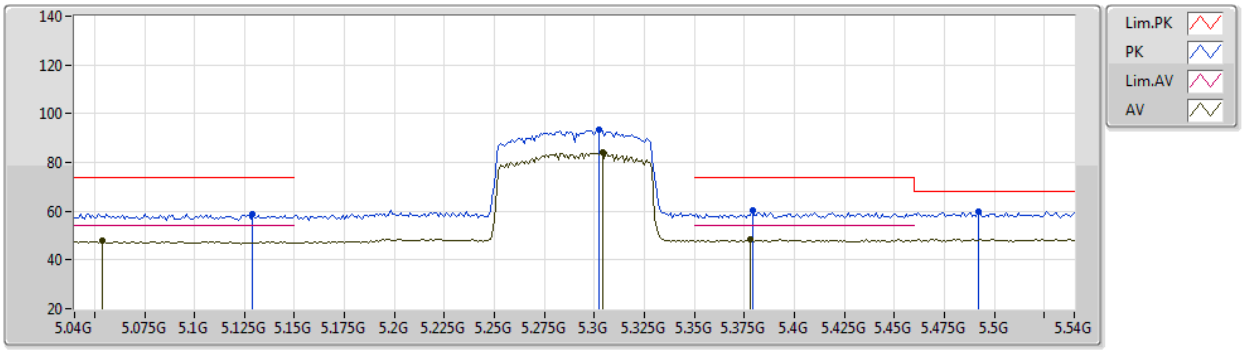

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.137G | 59.17 | 74.00 | -14.83 | 51.49 | 3 | Vertical | 280 | 2.19 | - | 33.44 | 5.97 | 31.73 |
| AV | 5.043G | 47.54 | 54.00 | -6.46 | 40.09 | 3 | Vertical | 280 | 2.19 | - | 33.34 | 5.92 | 31.81 |
| PK | 5.306G | 101.46 | Inf | -Inf | 93.32 | 3 | Vertical | 280 | 2.19 | - | 33.71 | 6.05 | 31.62 |
| AV | 5.301G | 92.57 | Inf | -Inf | 84.44 | 3 | Vertical | 280 | 2.19 | - | 33.70 | 6.05 | 31.62 |
| PK | 5.386G | 61.20 | 74.00 | -12.80 | 52.88 | 3 | Vertical | 280 | 2.19 | - | 33.79 | 6.09 | 31.56 |
| AV | 5.374G | 49.86 | 54.00 | -4.14 | 41.57 | 3 | Vertical | 280 | 2.19 | - | 33.77 | 6.09 | 31.57 |
| PK | 5.51G | 60.46 | 68.20 | -7.74 | 51.81 | 3 | Vertical | 280 | 2.19 | - | 33.90 | 6.22 | 31.47 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5290MHz_TX



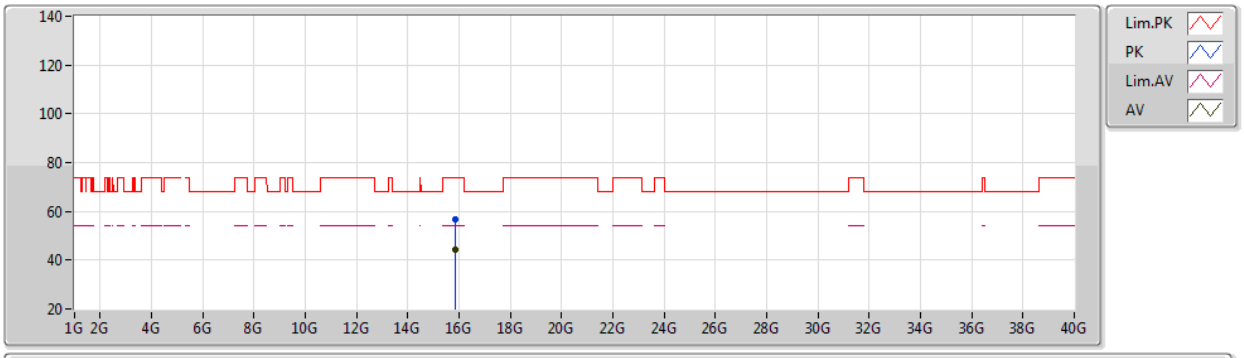

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.129G | 59.05 | 74.00 | -14.95 | 51.40 | 3 | Horizontal | 211 | 1.58 | - | 33.43 | 5.96 | 31.74 |
| AV | 5.054G | 47.70 | 54.00 | -6.30 | 40.22 | 3 | Horizontal | 211 | 1.58 | - | 33.35 | 5.93 | 31.80 |
| PK | 5.302G | 93.31 | Inf | -Inf | 85.18 | 3 | Horizontal | 211 | 1.58 | - | 33.70 | 6.05 | 31.62 |
| AV | 5.304G | 84.12 | Inf | -Inf | 75.99 | 3 | Horizontal | 211 | 1.58 | - | 33.70 | 6.05 | 31.62 |
| PK | 5.379G | 60.24 | 74.00 | -13.76 | 51.93 | 3 | Horizontal | 211 | 1.58 | - | 33.78 | 6.09 | 31.56 |
| AV | 5.378G | 48.36 | 54.00 | -5.64 | 40.06 | 3 | Horizontal | 211 | 1.58 | - | 33.78 | 6.09 | 31.57 |
| PK | 5.492G | 60.07 | 68.20 | -8.13 | 51.46 | 3 | Horizontal | 211 | 1.58 | - | 33.89 | 6.20 | 31.48 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5290MHz_TX



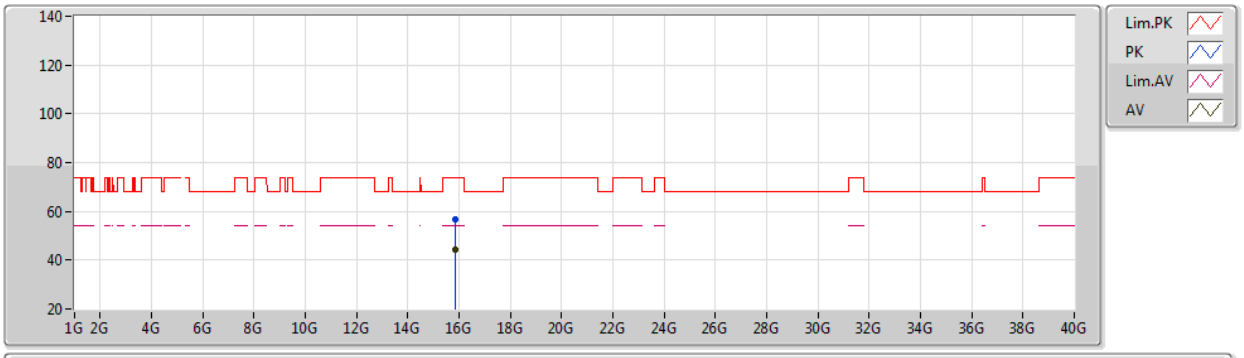

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.85506G | 56.67 | 74.00 | -17.33 | 42.37 | 3 | Vertical | 24 | 2.46 | - | 37.82 | 9.35 | 32.87 |
| AV | 15.87054G | 44.14 | 54.00 | -9.86 | 29.87 | 3 | Vertical | 24 | 2.46 | - | 37.78 | 9.36 | 32.87 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5290MHz_TX



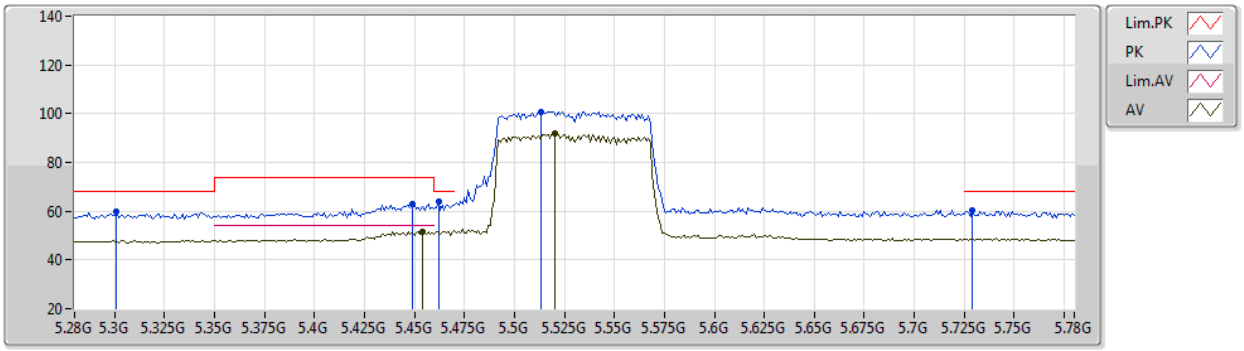

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 15.86274G | 56.54 | 74.00 | -17.46 | 42.26 | 3 | Horizontal | 269 | 2.19 | - | 37.80 | 9.35 | 32.87 |
| AV | 15.86106G | 44.26 | 54.00 | -9.74 | 29.98 | 3 | Horizontal | 269 | 2.19 | - | 37.80 | 9.35 | 32.87 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5530MHz_TX



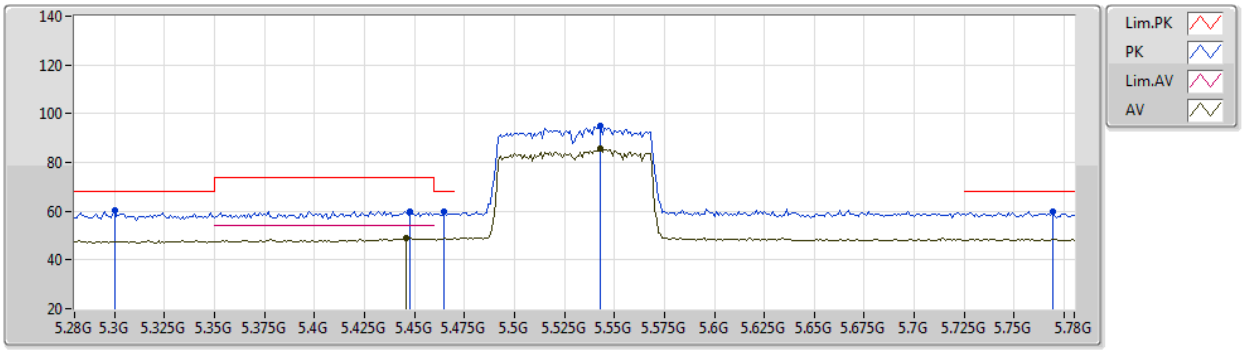

EUT X_2TX
Setting 48
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.301G | 59.77 | 68.20 | -8.43 | 51.64 | 3 | Vertical | 12 | 1.80 | - | 33.70 | 6.05 | 31.62 |
| PK | 5.449G | 62.92 | 74.00 | -11.08 | 54.43 | 3 | Vertical | 12 | 1.80 | - | 33.85 | 6.15 | 31.51 |
| AV | 5.454G | 51.64 | 54.00 | -2.36 | 43.14 | 3 | Vertical | 12 | 1.80 | - | 33.85 | 6.16 | 31.51 |
| PK | 5.462G | 63.82 | 68.20 | -4.38 | 55.29 | 3 | Vertical | 12 | 1.80 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.513G | 100.94 | Inf | -Inf | 92.29 | 3 | Vertical | 12 | 1.80 | - | 33.90 | 6.22 | 31.47 |
| AV | 5.52G | 92.05 | Inf | -Inf | 83.39 | 3 | Vertical | 12 | 1.80 | - | 33.90 | 6.23 | 31.47 |
| PK | 5.729G | 60.29 | 68.20 | -7.91 | 51.59 | 3 | Vertical | 12 | 1.80 | - | 33.80 | 6.36 | 31.46 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5530MHz_TX



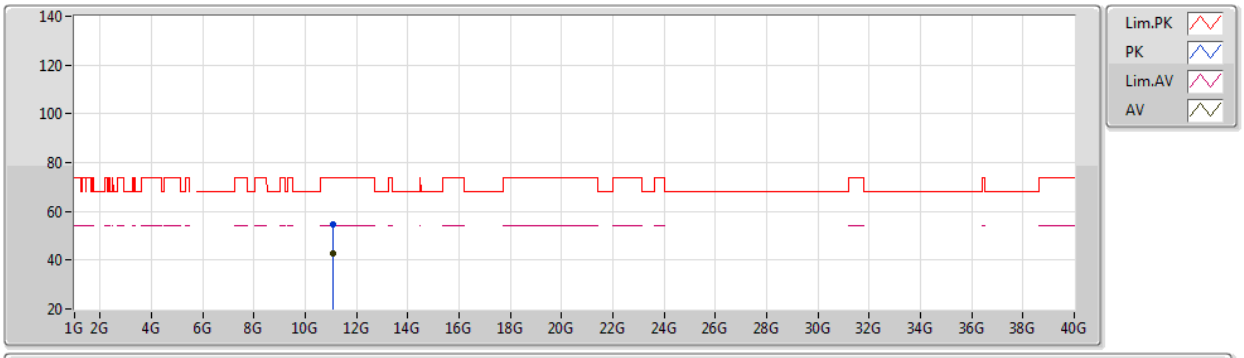

EUT X_2TX
Setting 48
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.3G | 60.26 | 68.20 | -7.94 | 52.13 | 3 | Horizontal | 135 | 1.00 | - | 33.70 | 6.05 | 31.62 |
| PK | 5.448G | 60.08 | 74.00 | -13.92 | 51.59 | 3 | Horizontal | 135 | 1.00 | - | 33.85 | 6.15 | 31.51 |
| AV | 5.446G | 48.84 | 54.00 | -5.16 | 40.35 | 3 | Horizontal | 135 | 1.00 | - | 33.85 | 6.15 | 31.51 |
| PK | 5.465G | 59.99 | 68.20 | -8.21 | 51.46 | 3 | Horizontal | 135 | 1.00 | - | 33.86 | 6.17 | 31.50 |
| PK | 5.543G | 94.78 | Inf | -Inf | 86.10 | 3 | Horizontal | 135 | 1.00 | - | 33.90 | 6.25 | 31.47 |
| AV | 5.543G | 85.55 | Inf | -Inf | 76.87 | 3 | Horizontal | 135 | 1.00 | - | 33.90 | 6.25 | 31.47 |
| PK | 5.769G | 59.99 | 68.20 | -8.21 | 51.27 | 3 | Horizontal | 135 | 1.00 | - | 33.80 | 6.38 | 31.46 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5530MHz_TX



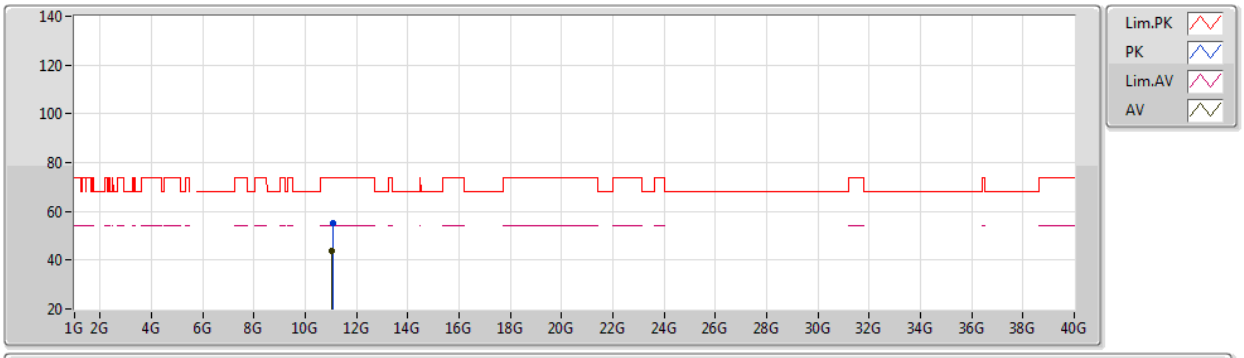

EUT X_2TX
Setting 48
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.05928G | 54.64 | 74.00 | -19.36 | 40.13 | 3 | Vertical | 337 | 1.61 | - | 38.55 | 8.73 | 32.77 |
| AV | 11.05958G | 42.63 | 54.00 | -11.37 | 28.12 | 3 | Vertical | 337 | 1.61 | - | 38.55 | 8.73 | 32.77 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5530MHz_TX



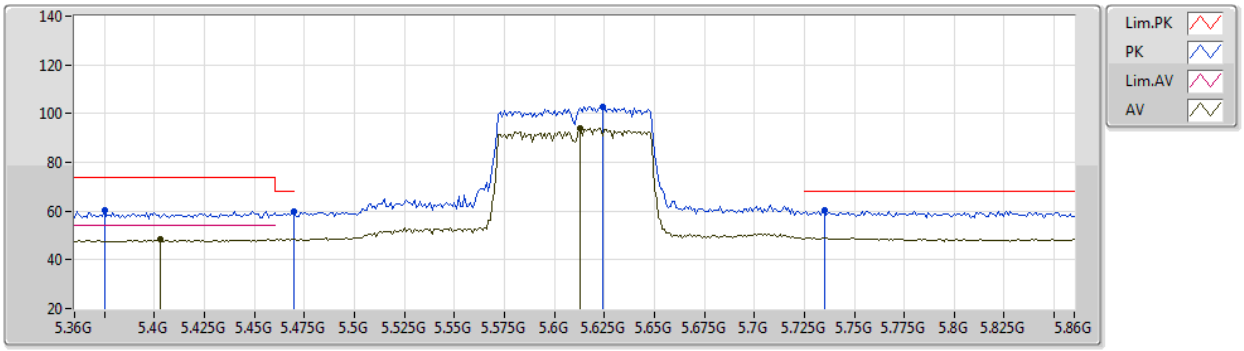

EUT X_2TX
Setting 48
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.05748G | 55.17 | 74.00 | -18.83 | 40.66 | 3 | Horizontal | 46 | 1.17 | - | 38.55 | 8.73 | 32.77 |
| AV | 11.0498G | 43.56 | 54.00 | -10.44 | 29.07 | 3 | Horizontal | 46 | 1.17 | - | 38.54 | 8.72 | 32.77 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5610MHz_TX



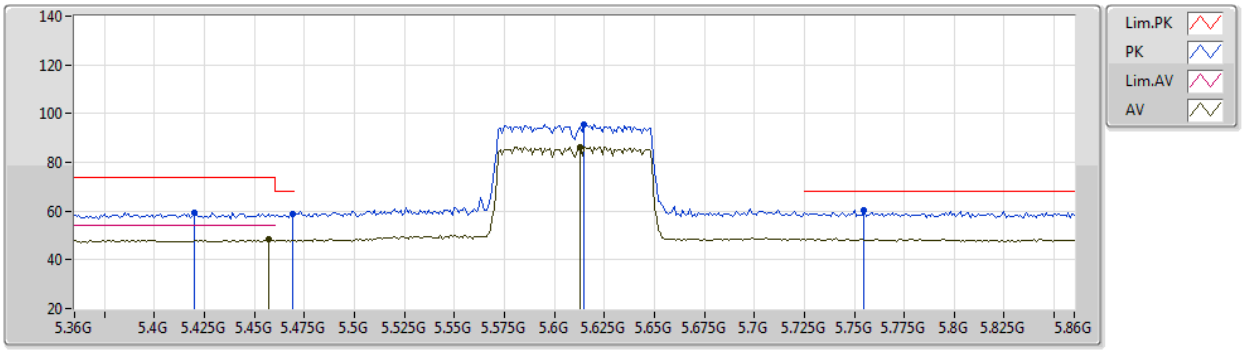

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.375G | 60.14 | 74.00 | -13.86 | 51.85 | 3 | Vertical | 0 | 2.12 | - | 33.77 | 6.09 | 31.57 |
| AV | 5.403G | 48.26 | 54.00 | -5.74 | 39.91 | 3 | Vertical | 0 | 2.12 | - | 33.80 | 6.10 | 31.55 |
| PK | 5.47G | 59.75 | 68.20 | -8.45 | 51.19 | 3 | Vertical | 0 | 2.12 | - | 33.87 | 6.18 | 31.49 |
| PK | 5.624G | 103.01 | Inf | -Inf | 94.29 | 3 | Vertical | 0 | 2.12 | - | 33.88 | 6.31 | 31.47 |
| AV | 5.613G | 93.87 | Inf | -Inf | 85.14 | 3 | Vertical | 0 | 2.12 | - | 33.89 | 6.31 | 31.47 |
| PK | 5.735G | 60.57 | 68.20 | -7.63 | 51.86 | 3 | Vertical | 0 | 2.12 | - | 33.80 | 6.37 | 31.46 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5610MHz_TX



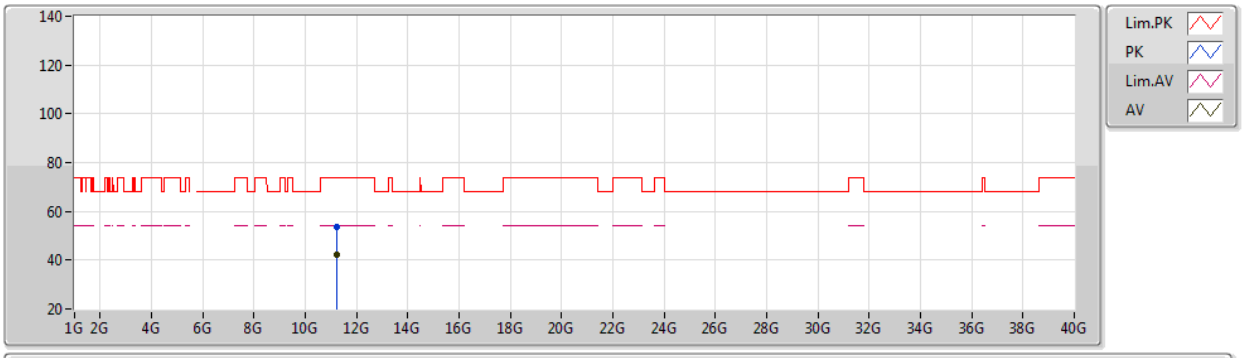

EUT X_2TX
Setting 53
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.42G | 59.53 | 74.00 | -14.47 | 51.12 | 3 | Horizontal | 134 | 1.00 | - | 33.82 | 6.12 | 31.53 |
| PK | 5.469G | 58.55 | 68.20 | -9.65 | 49.99 | 3 | Horizontal | 134 | 1.00 | - | 33.87 | 6.18 | 31.49 |
| AV | 5.457G | 48.35 | 54.00 | -5.65 | 39.83 | 3 | Horizontal | 134 | 1.00 | - | 33.86 | 6.16 | 31.50 |
| PK | 5.615G | 95.57 | Inf | -Inf | 86.85 | 3 | Horizontal | 134 | 1.00 | - | 33.88 | 6.31 | 31.47 |
| AV | 5.613G | 86.46 | Inf | -Inf | 77.73 | 3 | Horizontal | 134 | 1.00 | - | 33.89 | 6.31 | 31.47 |
| PK | 5.755G | 60.14 | 68.20 | -8.06 | 51.42 | 3 | Horizontal | 134 | 1.00 | - | 33.80 | 6.38 | 31.46 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5610MHz_TX



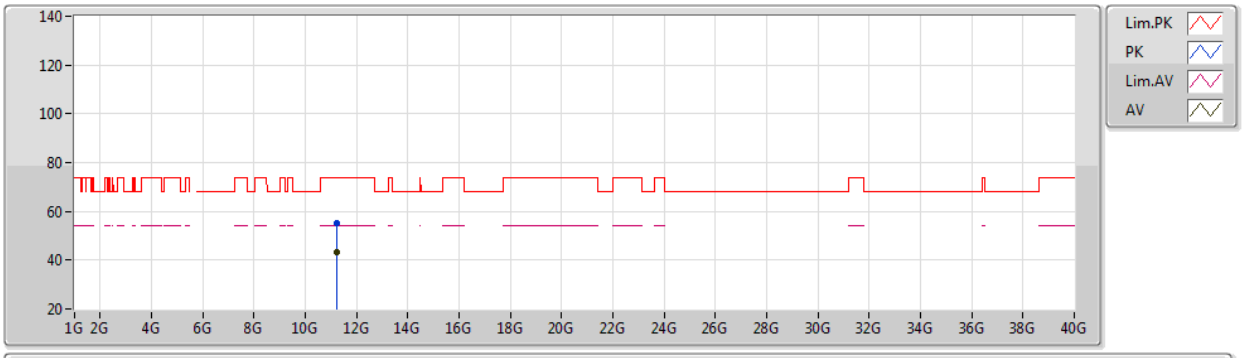

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.2059G | 53.82 | 74.00 | -20.18 | 39.19 | 3 | Vertical | 298 | 2.63 | - | 38.66 | 8.77 | 32.80 |
| AV | 11.2242G | 42.17 | 54.00 | -11.83 | 27.51 | 3 | Vertical | 298 | 2.63 | - | 38.68 | 8.78 | 32.80 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5610MHz_TX



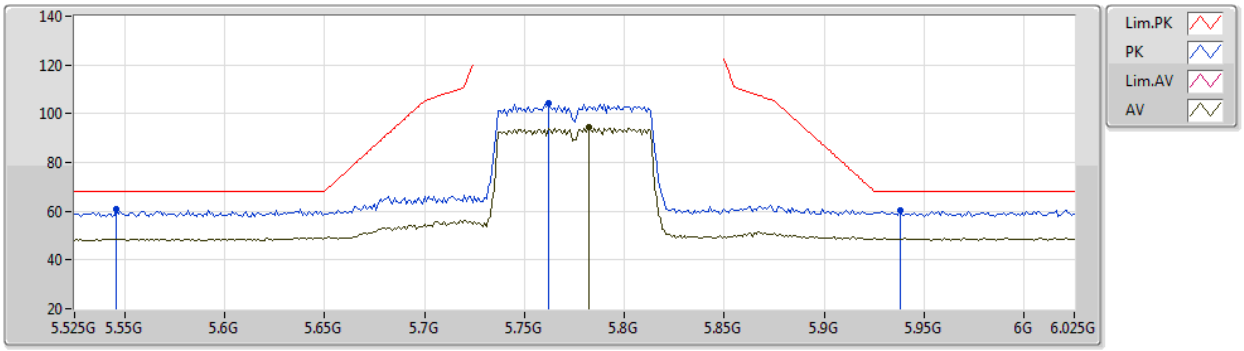

EUT X_2TX
Setting 53
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.23164G | 55.22 | 74.00 | -18.78 | 40.55 | 3 | Horizontal | 218 | 2.36 | - | 38.69 | 8.78 | 32.80 |
| AV | 11.21688G | 43.17 | 54.00 | -10.83 | 28.53 | 3 | Horizontal | 218 | 2.36 | - | 38.67 | 8.77 | 32.80 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5775MHz_TX



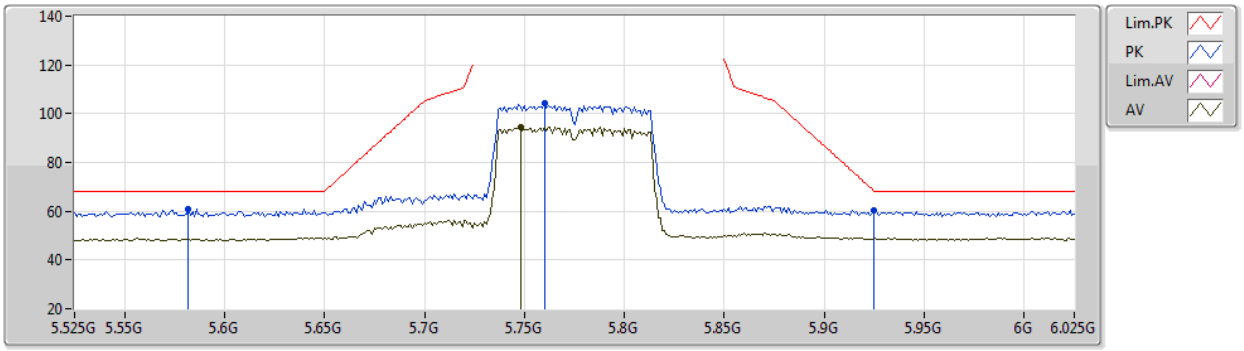

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.546G | 60.72 | 68.20 | -7.48 | 52.04 | 3 | Vertical | 0 | 2.32 | - | 33.90 | 6.25 | 31.47 |
| PK | 5.762G | 104.13 | Inf | -Inf | 95.41 | 3 | Vertical | 0 | 2.32 | - | 33.80 | 6.38 | 31.46 |
| AV | 5.782G | 94.24 | Inf | -Inf | 85.51 | 3 | Vertical | 0 | 2.32 | - | 33.80 | 6.39 | 31.46 |
| PK | 5.938G | 60.32 | 68.20 | -7.88 | 51.30 | 3 | Vertical | 0 | 2.32 | - | 34.14 | 6.33 | 31.45 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

### 5775MHz_TX



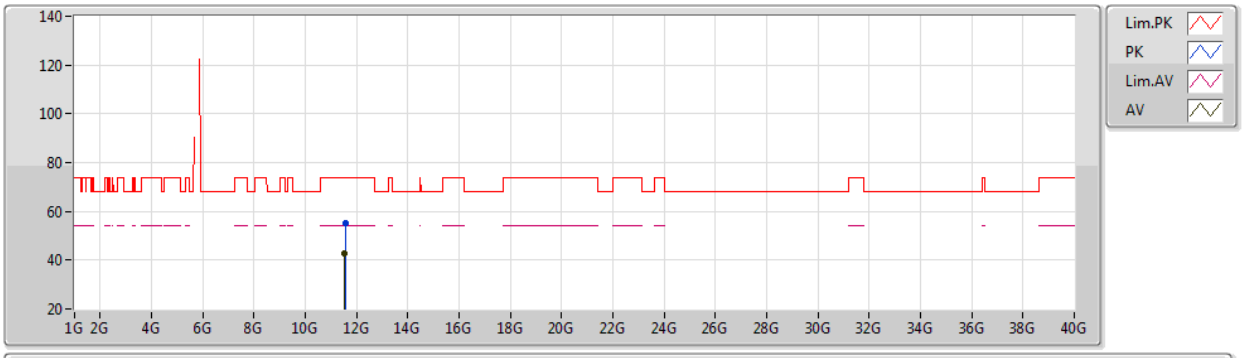

EUT X_2TX
Setting 52
02-C-E-2-10

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 5.582G | 60.88 | 68.20 | -7.32 | 52.17 | 3 | Horizontal | 358 | 2.26 | - | 33.90 | 6.28 | 31.47 |
| PK | 5.76G | 104.38 | Inf | -Inf | 95.66 | 3 | Horizontal | 358 | 2.26 | - | 33.80 | 6.38 | 31.46 |
| AV | 5.748G | 94.53 | Inf | -Inf | 85.82 | 3 | Horizontal | 358 | 2.26 | - | 33.80 | 6.37 | 31.46 |
| PK | 5.925G | 60.09 | 68.20 | -8.11 | 51.07 | 3 | Horizontal | 358 | 2.26 | - | 34.13 | 6.34 | 31.45 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5775MHz_TX



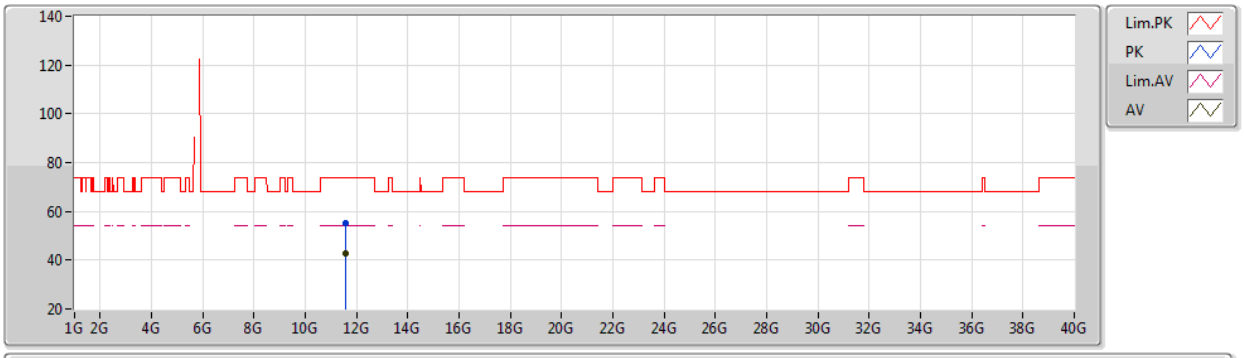

EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.55G | 55.16 | 74.00 | -18.84 | 40.21 | 3 | Vertical | 341 | 1.04 | - | 38.94 | 8.87 | 32.86 |
| AV | 11.54592G | 42.60 | 54.00 | -11.40 | 27.65 | 3 | Vertical | 341 | 1.04 | - | 38.94 | 8.87 | 32.86 |

## 802.11ac VHT80_Nss1,(MCS0)_2TX

28/08/2020

## 5775MHz_TX




EUT X_2TX
Setting 52
02-C-E-2

| Type | Freq | Level | Limit | Margin | Raw | Dist | Condition | Azimuth | Height | Comment | AF | CL | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (m) | | (°) | (m) | | (dB) | (dB) | (dB) |
| PK | 11.56326G | 54.95 | 74.00 | -19.05 | 39.99 | 3 | Horizontal | 85 | 1.13 | - | 38.95 | 8.87 | 32.86 |
| AV | 11.55846G | 42.64 | 54.00 | -11.36 | 27.68 | 3 | Horizontal | 85 | 1.13 | - | 38.95 | 8.87 | 32.86 |