

# FCC Radio Test Report

**FCC ID** : COF-WMBACMT63  
**Equipment** : 802.11a/b/g/n/ac dual-band Wi-Fi + BT 5.1 Module  
**Brand Name** : USI  
**Model Name** : WM-BAC-MT-63  
**Applicant** : Universal Global Scientific Industrial Co., Ltd.  
141, Lane 351, Sec. 1, Taiping Road., Tsaotuen,  
Nantou 542007, Taiwan  
**Manufacturer** : Universal Global Scientific Industrial Co., Ltd.  
141, Lane 351, Sec. 1, Taiping Road., Tsaotuen,  
Nantou 542007, Taiwan  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Apr. 08, 2021, and testing was started from Apr. 27, 2021 and completed on Jun. 21, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

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



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### History of this test report

| Report No. | Version | Description             | Issued Date   |
|------------|---------|-------------------------|---------------|
| FR133036AN | 01      | Initial issue of report | Sep. 03, 2021 |
|            |         |                         |               |
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### Summary of Test Result

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

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

Reviewed by: Ben Tseng

Report Producer: Jenny Yang



# 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]   |
| Straddle 5720         |                         | 5720                | 144 [1]        |
| 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]    |
| Straddle 5710         |                         | 5710                | 142 [1]        |
| 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]    |
| Straddle 5690         |                         | 5690                | 138 [1]        |
| 5725-5850             |                         | 5775                | 155 [1]        |

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 2TX  |
| 5.25-5.35GHz  | 802.11a        | 20         | 2TX  |
| 5.47-5.725GHz | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ac VHT20 | 20         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT20 | 20         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ac VHT20 | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ac VHT40 | 40         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT40 | 40         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ac VHT40 | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ac VHT80 | 80         | 2TX  |



| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.25-5.35GHz  | 802.11ac VHT80 | 80         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT80 | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ac VHT80 | 80         | 2TX  |

Note:

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

### 1.1.2 Antenna Information

| Ant. | Brand     | Model Name           | Antenna Type | Connector   |
|------|-----------|----------------------|--------------|-------------|
| 1    | ARISTOTLE | RFA-25-C53-B32C255V2 | Dipole       | Reverse SMA |
| 2    | ARISTOTLE | RFA-25-C53-B32C255V2 | Dipole       | Reverse SMA |
| 3    | ARISTOTLE | RFA-25-C53-B32C255V2 | Dipole       | Reverse SMA |

| Ant. | Port | Gain (dBi) |    |     |
|------|------|------------|----|-----|
|      |      | 2.4G       | 5G | BT  |
| 1    | 1    | 3.5        | 5  | -   |
| 2    | 2    | 3.5        | 5  | -   |
| 3    | 1    | -          | -  | 3.5 |

Note 1: The EUT has three antennas.

**For 2.4GHz function:**

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

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

**For BT function:**

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

Only Ant. 3 (port 1) can be used as transmitting/receiving.

**For 5GHz function:**

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

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



1.1.3 EUT Information

| Operational Condition               |   |                   |                                     |                      |
|-------------------------------------|---|-------------------|-------------------------------------|----------------------|
| EUT Power Type                      | From Test Fixture   |                   |                                     |                      |
| EUT Function                        | <input type="checkbox"/>  | Outdoor AP        | <input type="checkbox"/>            | Indoor AP            |
|                                     | <input type="checkbox"/>  | Fixed P2P AP      | <input checked="" type="checkbox"/> | Indoor Client        |
| Beamforming Function                | <input type="checkbox"/>  | With beamforming  | <input checked="" type="checkbox"/> | Without beamforming  |
| TPC Function                        | <input checked="" type="checkbox"/>   | With TPC Function | <input type="checkbox"/>            | Without TPC Function |
| Weather Band                        | <input checked="" type="checkbox"/>   | With 5600~5650MHz | <input type="checkbox"/>            | Without 5600~5650MHz |
| Type of EUT                         |   |                   |                                     |                      |
| <input checked="" type="checkbox"/> | Stand-alone   |                   |                                     |                      |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                   |                                     |                      |
|                                     | Combined Equipment - Brand Name / Model No.: ...                              |                   |                                     |                      |
| <input type="checkbox"/>            | Plug-in radio (EUT intended for a variety of host systems)                    |                   |                                     |                      |
|                                     | Host System - Brand Name / Model No.:   |                   |                                     |                      |
| <input type="checkbox"/>            | Other:  |                   |                                     |                      |

1.1.4 Mode Test Duty Cycle

| Mode                           | DC    | DCF(dB) | T(s)    | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|---------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.963 | 0.16    | 1.394m  | 1k            |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 0.926 | 0.33    | 681.25u | 3k            |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 0.876 | 0.57    | 353.75u | 3k            |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 190u    | 10k           |

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

## 1.2 Testing Applied Standards

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

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

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

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

| Test Lab. : Sporton International Inc. Hsinhua Laboratory |                             |   |                      |                         |
|---|-----------------------------|---|----------------------|-------------------------|
| <input checked="" type="checkbox"/>                       | Hsinhua<br>(TAF: 3785)      | ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)          |                      |                         |
|   |                             | TEL: 886-3-327-3456   | FAX: 886-3-327-0973  |                         |
| Test site Designation No. TW3785 with FCC.                |                             |   |                      |                         |
| Test Condition  | Test Site No.               | Test Engineer   | Test Environment     | Test Date               |
| AC Conduction   | CO04-HY                     | Edward Wang   | 21.2~22.3°C / 58~63% | 28/Apr/2021             |
| RF Conducted  | TH06-HY                     | Johnny Yu   | 20.1~26.9°C / 50~60% | 27/Apr/2021~21/Jun/2021 |
| Radiated  | 03CH03-HY                   | Billy Wang  | 20.1~26.9°C / 50~60% | 27/Apr/2021~18/Jun/2021 |
| <input type="checkbox"/>                                  | Wen 33rd.St.<br>(TAF: 3785) | ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) |                      |                         |
|   |                             | TEL: 886-3-318-0787   | FAX: 886-3-318-0287  |                         |
| Test site Designation No. TW0008 with FCC.                |                             |   |                      |                         |

## 1.4 Measurement Uncertainty

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

| Test Items                           | Uncertainty | Remark                   |
|--------------------------------------|-------------|--------------------------|
| Conducted Emission (150kHz ~ 30MHz)  | 0.9 dB      | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz)     | 2.4 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 3.7 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 3.6 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 3.5 dB      | Confidence levels of 95% |
| Conducted Emission                   | 1.0 dB      | Confidence levels of 95% |
| Temperature                          | 0.41 °C     | Confidence levels of 95% |
| Humidity                             | 3.4 %       | Confidence levels of 95% |





## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

| Test Software Version          | Dos                  |
|--------------------------------|----------------------|
| <b>Mode</b>                    | <b>Power Setting</b> |
| 802.11a_Nss1,(6Mbps)_2TX       | -                    |
| 5180MHz                        | 17                   |
| 5200MHz                        | 17                   |
| 5240MHz                        | 16.5                 |
| 5260MHz                        | 16.5                 |
| 5300MHz                        | 17                   |
| 5320MHz                        | 17                   |
| 5500MHz                        | 17                   |
| 5580MHz                        | 17                   |
| 5700MHz                        | 17                   |
| 5720MHz Straddle 5.47-5.725GHz | 17.5                 |
| 5720MHz Straddle 5.725-5.85GHz | 17.5                 |
| 5745MHz                        | 25                   |
| 5785MHz                        | 24.5                 |
| 5825MHz                        | 24.5                 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -                    |
| 5180MHz                        | 16.5                 |
| 5200MHz                        | 17.5                 |
| 5240MHz                        | 17                   |
| 5260MHz                        | 17                   |
| 5300MHz                        | 17.5                 |
| 5320MHz                        | 17                   |
| 5500MHz                        | 17                   |
| 5580MHz                        | 17.5                 |
| 5700MHz                        | 17                   |
| 5720MHz Straddle 5.47-5.725GHz | 18                   |
| 5720MHz Straddle 5.725-5.85GHz | 18                   |
| 5745MHz                        | 25                   |
| 5785MHz                        | 25                   |




| Mode                           | Power Setting |
|--------------------------------|---------------|
| 5825MHz                        | 24            |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -             |
| 5190MHz                        | 15            |
| 5230MHz                        | 19.5          |
| 5270MHz                        | 19.5          |
| 5310MHz                        | 17.5          |
| 5510MHz                        | 17            |
| 5550MHz                        | 21            |
| 5670MHz                        | 18.5          |
| 5710MHz Straddle 5.47-5.725GHz | 20.5          |
| 5710MHz Straddle 5.725-5.85GHz | 20.5          |
| 5755MHz                        | 23.5          |
| 5795MHz                        | 24.5          |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -             |
| 5210MHz                        | 11            |
| 5290MHz                        | 13            |
| 5530MHz                        | 10            |
| 5610MHz                        | 19            |
| 5690MHz Straddle 5.47-5.725GHz | 20.5          |
| 5690MHz Straddle 5.725-5.85GHz | 20.5          |
| 5775MHz                        | 21            |

## 2.2 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<br>Test Voltage: 120Vac / 60Hz |
| Operating Mode                                      | CTX   |
| 1   | Test Fixture mode   |

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

| 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                               | CTX   |
| 1   | Test Fixture mode   |
| Operating Mode > 1GHz                               | CTX   |
| Orthogonal Planes of EUT                            | <b>Z Plane</b>  |
|   |   |

| The Worst Case Mode for Following Conformance Tests |                                    |
|---|------------------------------------|
| Tests Item  | Simultaneous Transmission Analysis |
| Operating Mode                                      | CTX                                |
| 1   | Bluetooth+WLAN 2.4GHz              |
| 2   | Bluetooth+WLAN 5GHz                |

Refer to Sporton Test Report No.: FA133036 for Co-location RF Exposure Evaluation.



## 2.3 Support Equipment

| Support Equipment – AC Conduction |                   |            |               |        |        |
|-----------------------------------|-------------------|------------|---------------|--------|--------|
| No.                               | Equipment         | Brand Name | Model Name    | FCC ID | Remark |
| 1                                 | DC Power Supply   | G.W.       | GPS-3030DD    | -      | -      |
| 2                                 | DC Power cable(+) | MiSUMi     | WTN1227-RED   | -      | -      |
| 3                                 | DC Power cable(-) | MiSUMi     | WTN1227-BLACK | -      | -      |
| 4                                 | DC Power cable(+) | -          | -             | -      | Note 1 |
| 5                                 | DC Power cable(-) | -          | -             | -      | Note 1 |
| 6                                 | Test Fixture      | -          | -             | -      | Note 1 |

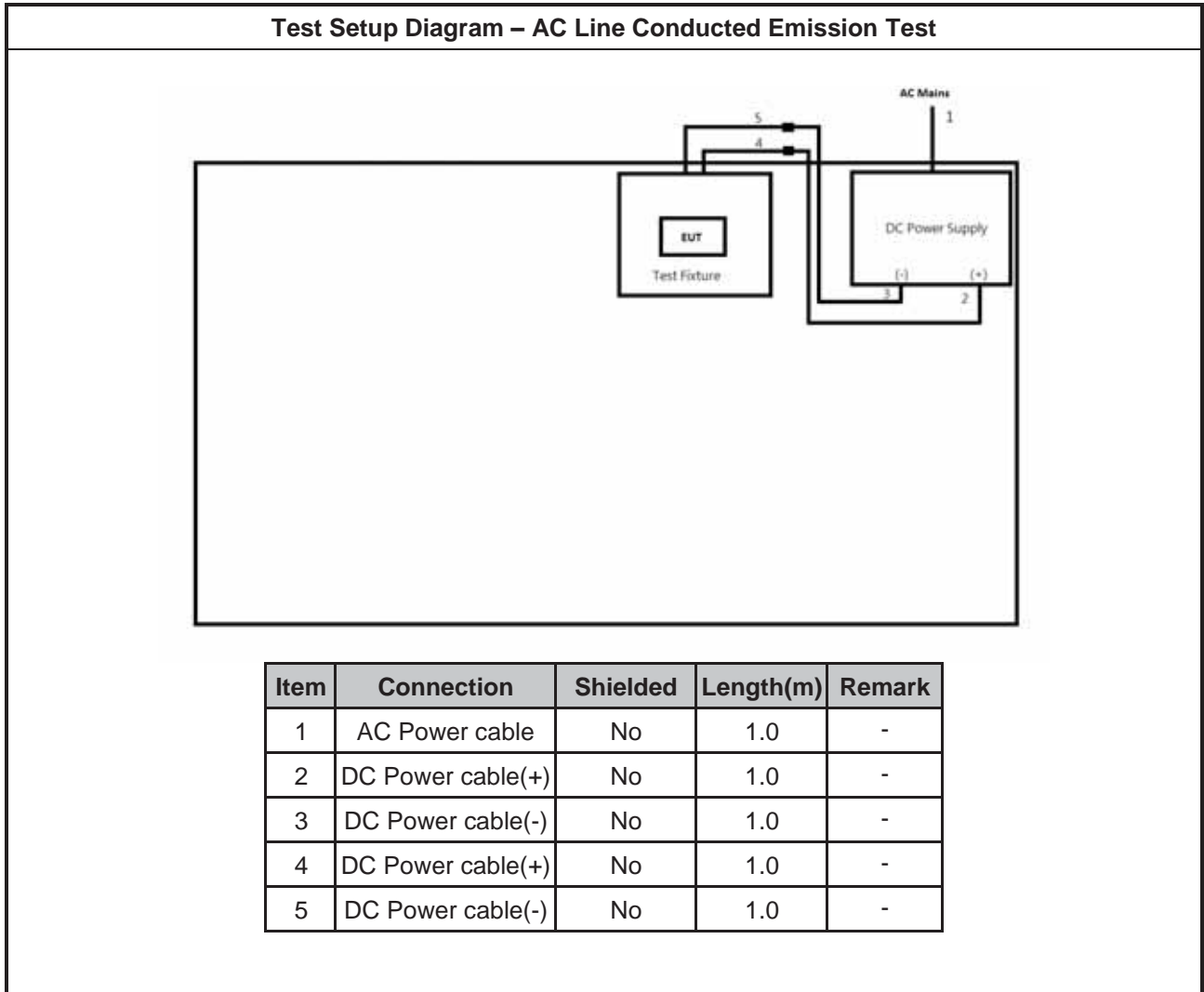
Note 1: Provided by Customer.

| Support Equipment – Conducted |                 |            |            |        |        |
|-------------------------------|-----------------|------------|------------|--------|--------|
| No.                           | Equipment       | Brand Name | Model Name | FCC ID | Remark |
| 1                             | Notebook        | DELL       | E5410      | -      | -      |
| 2                             | Adapter for NB  | DELL       | HA65NM130  | -      | -      |
| 3                             | DC Power Supply | GW         | GPS-3030DD | -      | -      |

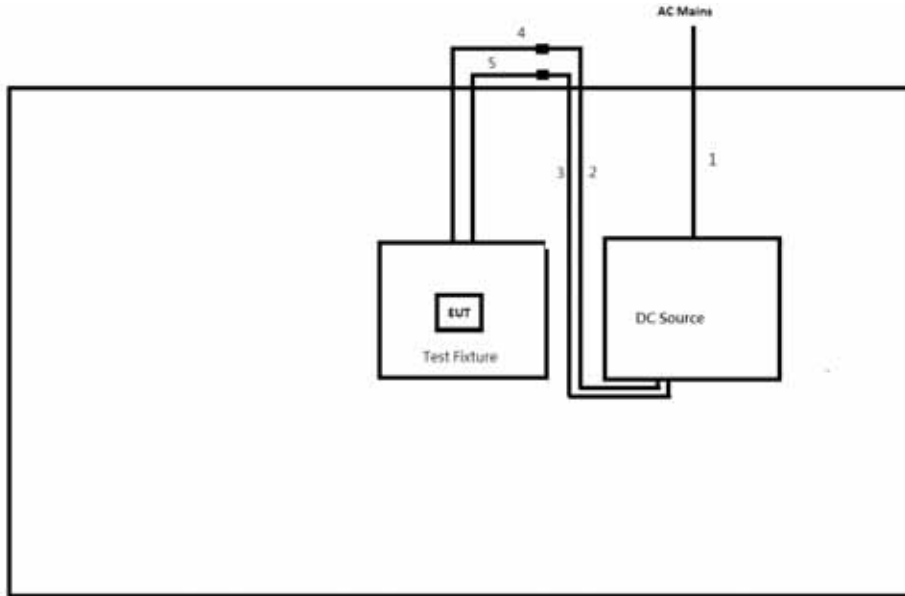
| Support Equipment – Radiated |                   |            |               |        |        |
|------------------------------|-------------------|------------|---------------|--------|--------|
| No.                          | Equipment         | Brand Name | Model Name    | FCC ID | Remark |
| 1                            | DC Power Supply   | G.W.       | GPS-3030DD    | -      | -      |
| 2                            | DC Power cable(+) | MiSUMi     | WTN1227-RED   | -      | -      |
| 3                            | DC Power cable(-) | MiSUMi     | WTN1227-BLACK | -      | -      |
| 4                            | DC Power cable(+) | -          | -             | -      | Note 1 |
| 5                            | DC Power cable(-) | -          | -             | -      | Note 1 |
| 6                            | Test Fixture      | -          | -             | -      | Note 1 |

Note 1: Provided by Customer.

## 2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test



| Item | Connection        | Shielded | Length(m) | Remark |
|------|-------------------|----------|-----------|--------|
| 1    | AC Power cable    | No       | 1.0       | -      |
| 2    | DC Power cable(+) | No       | 1.0       | -      |
| 3    | DC Power cable(-) | No       | 1.0       | -      |
| 4    | DC Power cable(+) | No       | 1.0       | -      |
| 5    | DC Power cable(-) | No       | 1.0       | -      |



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

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

##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

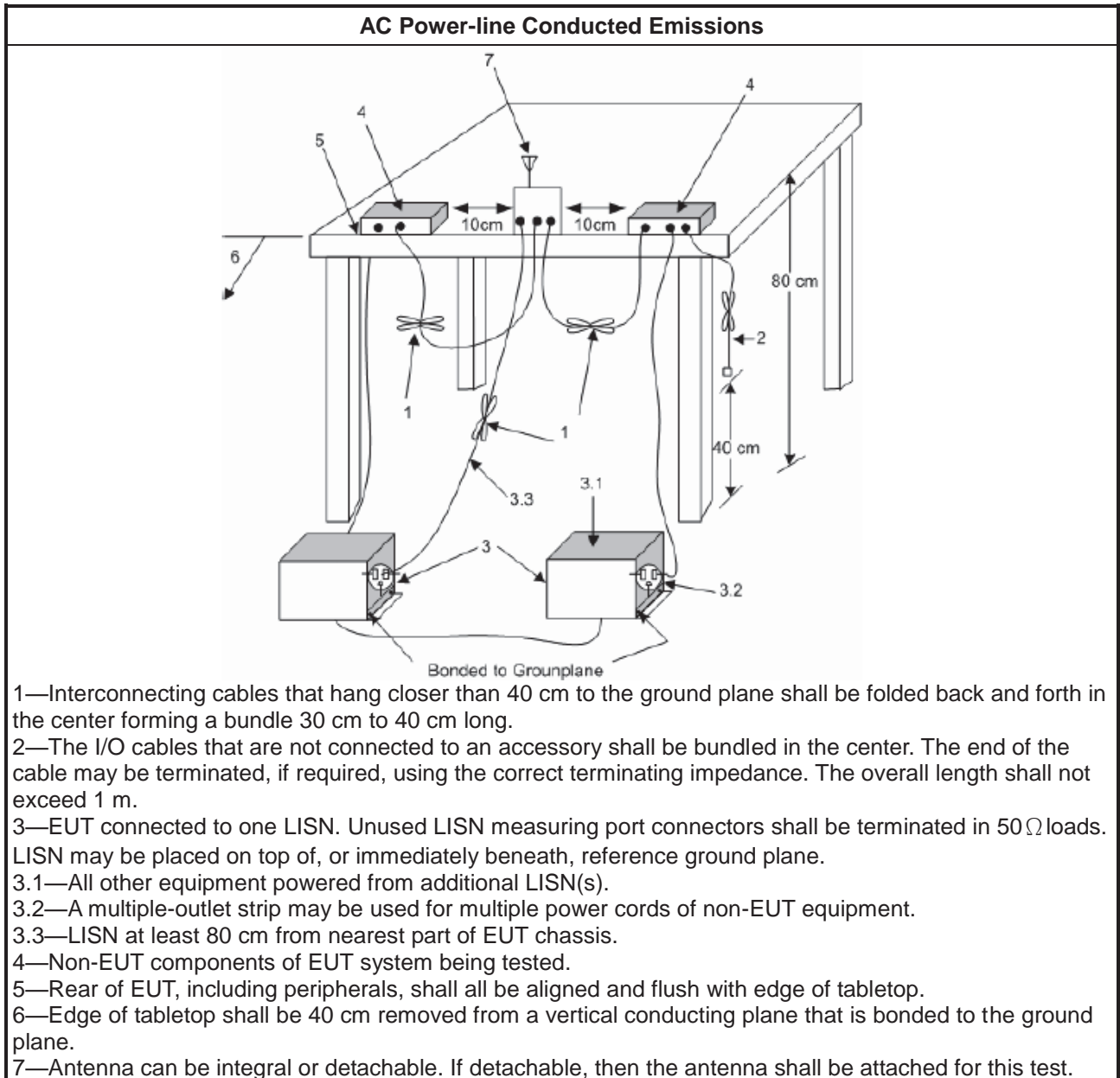
| Test Method  |
|--|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions. |

##### 3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.1.5 Test Setup



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

Refer as Appendix A



### 3.2 Emission Bandwidth

#### 3.2.1 Emission Bandwidth Limit

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

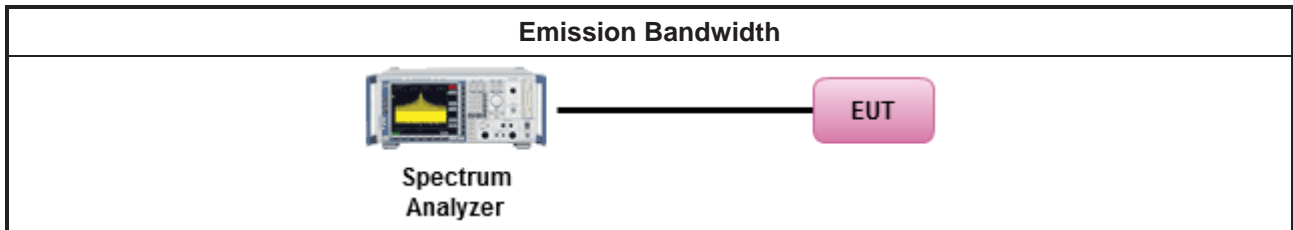
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

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

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit  |  |
|---|--|
| <b>UNII Devices</b>   |  |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:   |  |
|   | <ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125mW</math> [21dBm]</li> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul> |
| <input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .  |  |
| <input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ . |  |
| <input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:  |  |
|   | <ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>  |
| $P_{Out}$ = maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi.  |  |

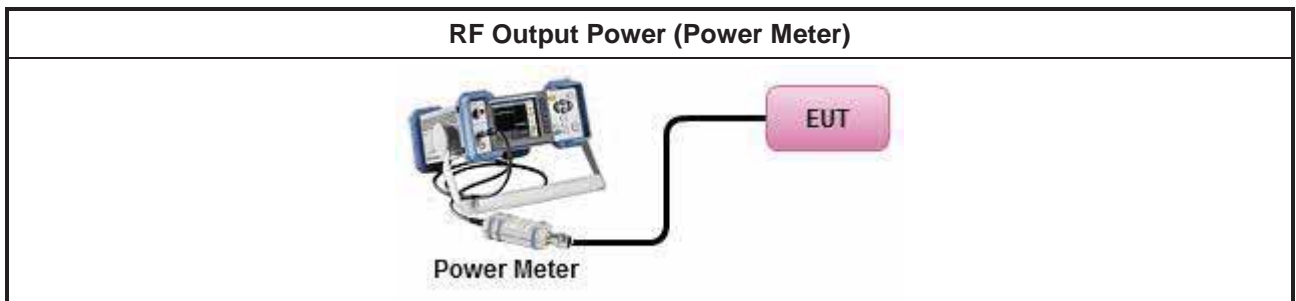
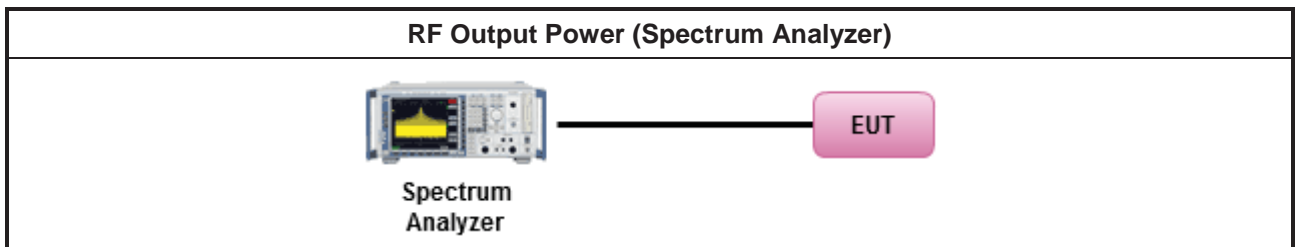
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

| Test Method  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul> |  |
|  | Duty cycle ≥ 98%   |
| <input type="checkbox"/>   | Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).  |
|  | Duty cycle < 98%   |
| <input checked="" type="checkbox"/>  | Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)   |
| Wideband RF power meter and average over on/off periods with duty factor         |  |
| <input checked="" type="checkbox"/>  | Refer as KDB 789033, clause E Method PM (using an RF average power meter).   |
| <ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>     |  |
|  | <ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below:<br/>Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.</li> </ul> |
|  | <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:<br/> <math>P_{total} = P_1 + P_2 + \dots + P_n</math><br/>                     (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>                                     |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

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

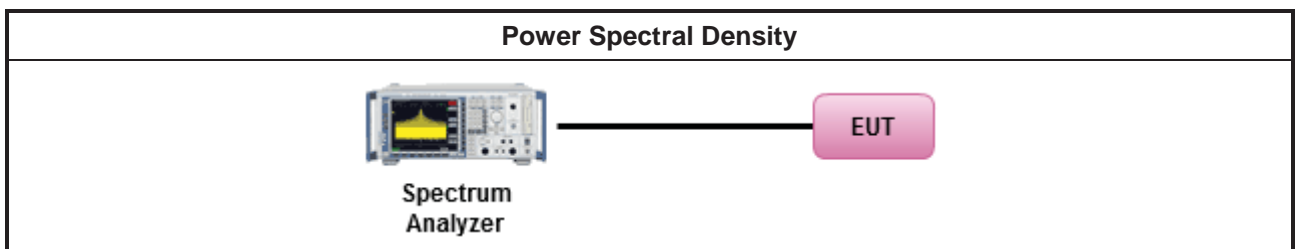
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

| Test Method   |  |
|---|--|
| <ul style="list-style-type: none"> <li>▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li> </ul> |  |
| <input type="checkbox"/>  | Refer as KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth  |
| Duty cycle ≥ 98%  |  |
| <input type="checkbox"/>  | Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).  |
| Duty cycle < 98%  |  |
| <input checked="" type="checkbox"/>   | Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)   |
| <ul style="list-style-type: none"> <li>▪ For conducted measurement.</li> </ul>  |  |
| <ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:</li> </ul>   |  |
|   | <ul style="list-style-type: none"> <li>▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.</li> </ul> |
|   | <ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br/> <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math><br/>                     (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>EIRP_{total} = PPSD_{total} + DG</math></li> </ul>  |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

### 3.5.2 Measuring Instruments

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

### 3.5.3 Test Procedures

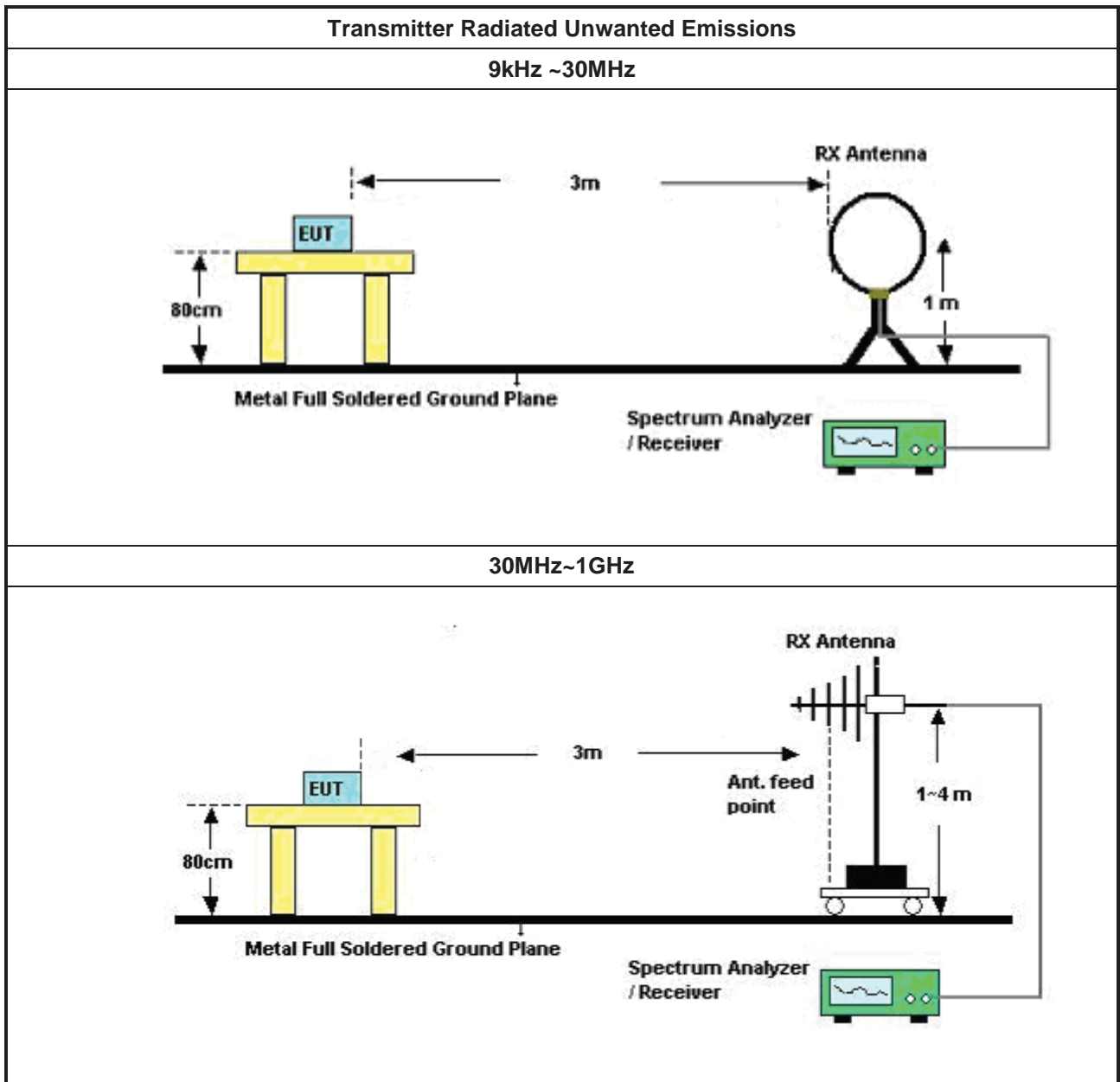
| Test Method  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</li> </ul> |   |
| <ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li> </ul>   |   |
| <ul style="list-style-type: none"> <li>For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>  |   |
|  | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>  |
| <input checked="" type="checkbox"/>  | Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.   |
| <input checked="" type="checkbox"/>  | Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.   |
| <ul style="list-style-type: none"> <li>For radiated measurement.</li> </ul>  |   |
|  | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>   |
| <ul style="list-style-type: none"> <li>The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>  |   |
| <ul style="list-style-type: none"> <li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>   |   |
| <ul style="list-style-type: none"> <li>Use the following spectrum analyzer settings:</li> </ul>  |   |
|  | <ul style="list-style-type: none"> <li>Set RBW=100 kHz for <math>f &lt; 1</math> GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>Set RBW = 1 MHz, VBW= 3MHz for <math>f \geq 1</math> GHz for peak measurement. For average measurement, refer as 1.1.4.</li> </ul>   |
| <ul style="list-style-type: none"> <li>KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.</li> </ul>  |   |
|  | <ul style="list-style-type: none"> <li>Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.</li> </ul> |
|  | <ul style="list-style-type: none"> <li>Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.</li> </ul>  |

### 3.5.4 Measurement Results Calculation

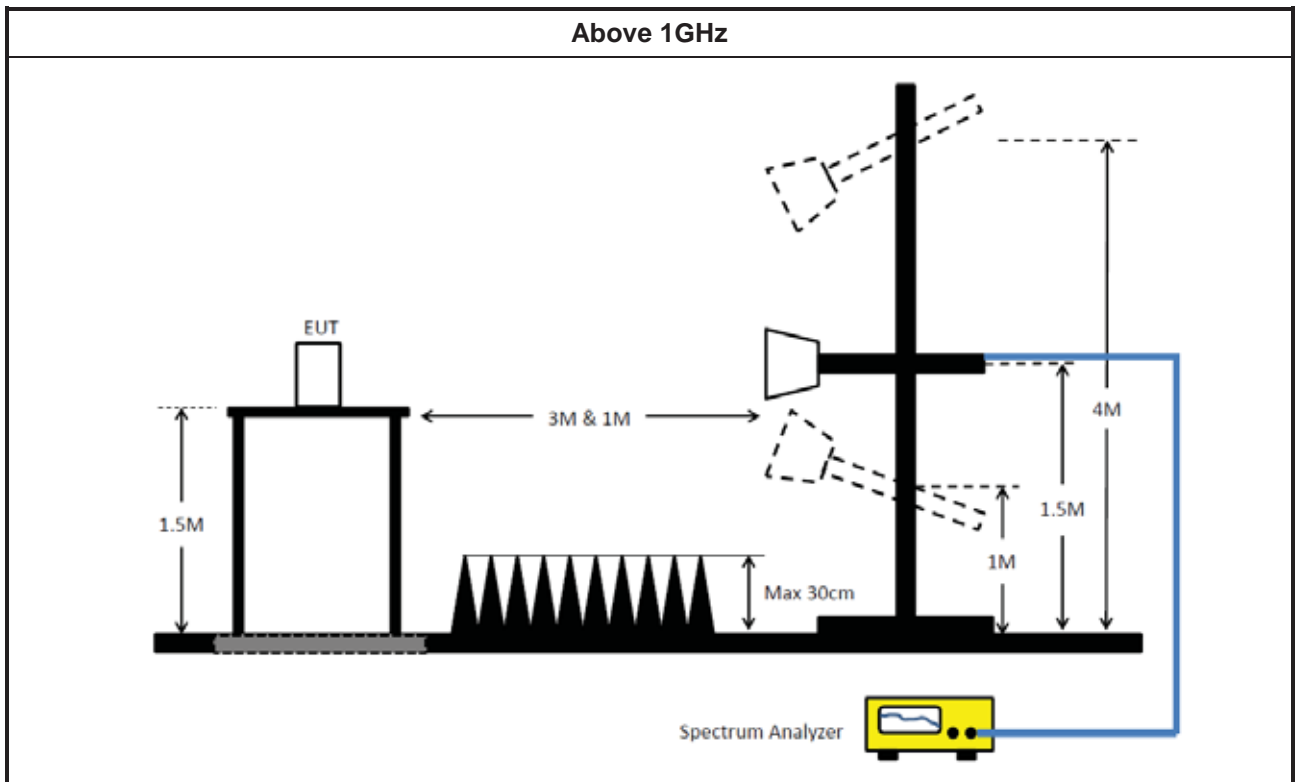
The measured Level is calculated using:

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

### 3.5.5 Test Setup







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

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

| Instrument                     | Manufacturer /Brand | Model No.   | Serial No.    | Spec.         | Calibration Date | Calibration Due Date |
|--------------------------------|---------------------|-------------|---------------|---------------|------------------|----------------------|
| EMI Test Receiver              | R&S                 | ESR3        | 102051        | 9kHz ~ 3.6GHz | 29/May/2020      | 28/May/2021          |
| LISN                           | R&S                 | ENV216      | 101295        | 9kHz ~ 30MHz  | 11/Nov/2020      | 10/Nov/2021          |
| RF Cable 5m                    | TITAN               | TITAN       | CO04-cable-01 | 0.1MHz~200MHz | 03/Mar/2021      | 02/Mar/2022          |
| Impuls Begrenzer Pulse Limiter | SCHWARZBECK         | VTSD 9561-F | 9561-F041     | 9kHz ~ 30MHz  | 21/Sep/2020      | 20/Sep/2021          |

### Instrument for Conducted Test

| Instrument               | Manufacturer /Brand | Model No. | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|--------------------------|---------------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer          | R&S                 | FSV 40    | 101013     | 10Hz~40GHz   | 30/Mar/2021      | 29/Mar/2022          |
| SMB100A Signal Generator | R&S                 | SMB100A03 | 181147     | 100kHz~40GHz | 20/Oct/2020      | 19/Oct/2021          |
| Pulse Sensor             | Anritsu             | MA2411B   | 0917017    | 300MHz~40GHz | 23/Feb/2021      | 22/Feb/2022          |
| Power Meter              | Anritsu             | ML2495A   | 0949003    | 300MHz~40GHz | 23/Feb/2021      | 22/Feb/2022          |

**Instrument for Radiated Test**

| Instrument                       | Manufacturer /Brand | Model No.              | Serial No.                | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|------------------------|---------------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M                 | 03CH03-HY                 | 30MHz~1GHz<br>3m | 06/Aug/2020      | 05/Aug/2021          |
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M                 | 03CH03-HY                 | 1GHz~18GHz<br>3m | 04/Aug/2020      | 03/Aug/2021          |
| Signal Analyzer                  | R&S                 | FSV40                  | 101500                    | 10Hz~40GHz       | 19/Aug/2020      | 18/Aug/2021          |
| Amplifier                        | HP                  | 8447D                  | 2944A08033                | 10kHz~1.3GHz     | 13/Apr/2021      | 12/Apr/2022          |
| Microwave System Preamplifier    | KEYSIGHT            | 83017A                 | MY53270196                | 1GHz~26.5GHz     | 06/Oct/2020      | 05/Oct/2021          |
| Bilog Antenna & 5dB Attenuator   | SCHAFFNER / MTJ     | CBL 6112B / MTJ6102-05 | 2723 / 2                  | 30MHz~1GHz       | 06/Sep/2020      | 05/Sep/2021          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D            | BBHA 9120 D 1531          | 1GHz~18GHz       | 24/Mar/2021      | 23/Mar/2022          |
| RF Cable-R03m                    | Jye Bao             | RG142                  | CB021                     | 9kHz~30MHz       | 19/Jun/2020      | 18/Jun/2021          |
| RF Cable-R03m                    | Jye Bao             | RG142                  | MY37335/4+CB021-1+CB021-2 | 30MHz~1GHz       | 17/Mar/2021      | 16/Mar/2022          |
| RF CABLE 5+6m                    | HUBER+SUHNER        | SUOFLEX 104            | SN MY38596/4+SN 804300/4  | 1GHz~40GHz       | 04/Aug/2020      | 03/Aug/2021          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170              | BBHA 9170221              | 15GHz~40GHz      | 11/Mar/2021      | 10/Mar/2022          |
| Microwave Premplifier            | EMC INSTRUMENTS     | EM18G40G               | 060604                    | 18GHz ~ 40GHz    | 09/Mar/2021      | 08/Mar/2022          |
| Loop Antenna                     | TESEQ               | HLA 6120               | 31244                     | 9kHz~30MHz       | 16/Mar/2021      | 15/Mar/2022          |
| EMI Test Receiver                | R&S                 | ESR3                   | 102051                    | 9kHz~3.6GHz      | 29/May/2020      | 28/May/2021          |



**Summary**

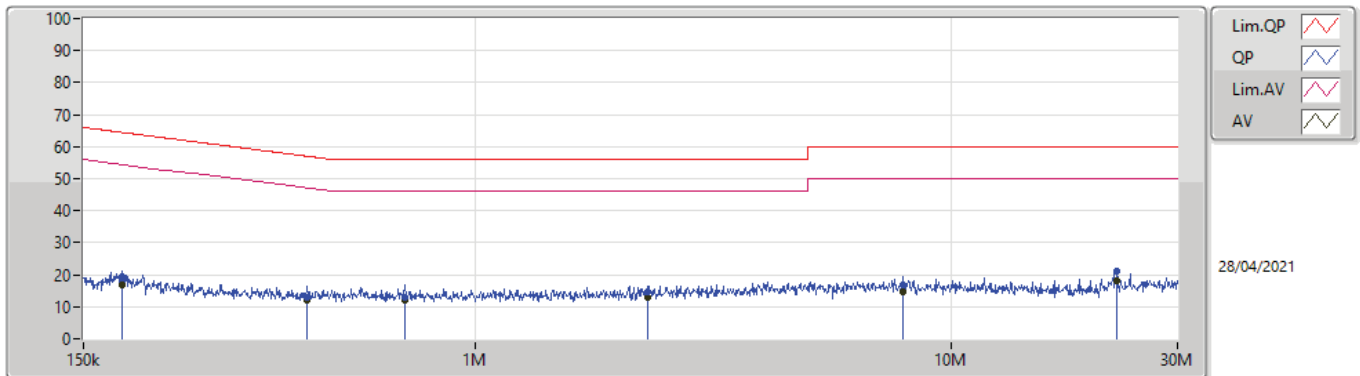
| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|
| Mode 1 | Pass   | AV   | 22.396M   | 20.89        | 50.00        | -29.11      | Neutral   |



Result

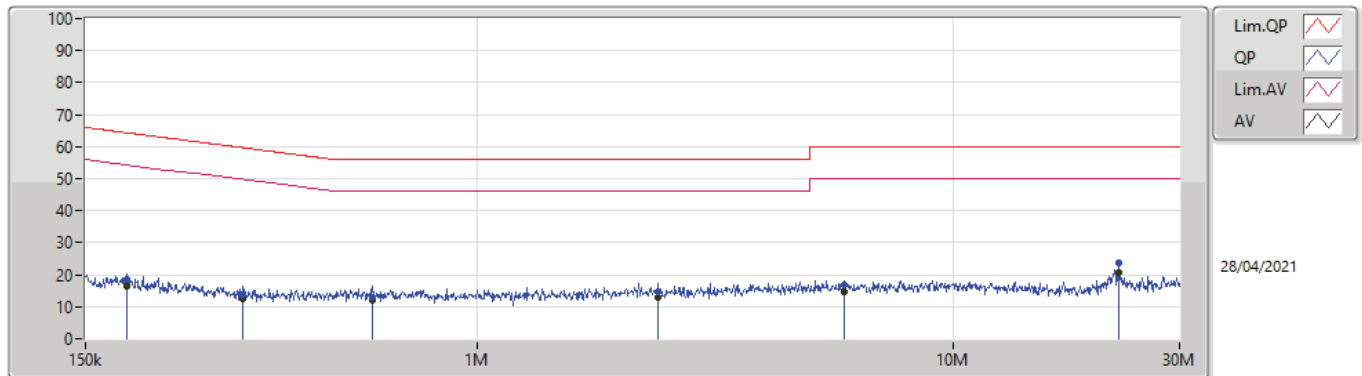
| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 180.957k  | 19.29        | 64.43        | -45.14      | Line      | -        |
| Mode 1 | Pass   | AV   | 180.957k  | 16.62        | 54.43        | -37.81      | Line      | -        |
| Mode 1 | Pass   | QP   | 442.514k  | 12.98        | 57.01        | -44.03      | Line      | -        |
| Mode 1 | Pass   | AV   | 442.514k  | 12.06        | 47.01        | -34.95      | Line      | -        |
| Mode 1 | Pass   | QP   | 711.605k  | 13.09        | 56.00        | -42.91      | Line      | -        |
| Mode 1 | Pass   | AV   | 711.605k  | 11.90        | 46.00        | -34.10      | Line      | -        |
| Mode 1 | Pass   | QP   | 2.301M    | 14.60        | 56.00        | -41.40      | Line      | -        |
| Mode 1 | Pass   | AV   | 2.301M    | 12.88        | 46.00        | -33.12      | Line      | -        |
| Mode 1 | Pass   | QP   | 7.932M    | 16.64        | 60.00        | -43.36      | Line      | -        |
| Mode 1 | Pass   | AV   | 7.932M    | 14.58        | 50.00        | -35.42      | Line      | -        |
| Mode 1 | Pass   | QP   | 22.396M   | 21.31        | 60.00        | -38.69      | Line      | -        |
| Mode 1 | Pass   | AV   | 22.396M   | 18.12        | 50.00        | -31.88      | Line      | -        |
| Mode 1 | Pass   | QP   | 183.137k  | 18.66        | 64.34        | -45.68      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 183.137k  | 16.32        | 54.34        | -38.02      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 321.537k  | 13.66        | 59.67        | -46.01      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 321.537k  | 12.58        | 49.67        | -37.09      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 601.76k   | 12.97        | 56.00        | -43.03      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 601.76k   | 11.93        | 46.00        | -34.07      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 2.395M    | 14.44        | 56.00        | -41.56      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 2.395M    | 12.92        | 46.00        | -33.08      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 5.903M    | 16.71        | 60.00        | -43.29      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 5.903M    | 14.62        | 50.00        | -35.38      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 22.396M   | 23.92        | 60.00        | -36.08      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 22.396M   | 20.89        | 50.00        | -29.11      | Neutral   | -        |

### Conducted Emissions at Powerline\_Mode 1



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 180.957k  | 19.29        | 64.43        | -45.14      | 19.62       | Line      | -       | -0.33      | 9.68      | 0.04    | 9.90    |
| AV   | 180.957k  | 16.62        | 54.43        | -37.81      | 19.62       | Line      | -       | -3.00      | 9.68      | 0.04    | 9.90    |
| QP   | 442.514k  | 12.98        | 57.01        | -44.03      | 19.62       | Line      | -       | -6.64      | 9.67      | 0.06    | 9.89    |
| AV   | 442.514k  | 12.06        | 47.01        | -34.95      | 19.62       | Line      | -       | -7.56      | 9.67      | 0.06    | 9.89    |
| QP   | 711.605k  | 13.09        | 56.00        | -42.91      | 19.58       | Line      | -       | -6.49      | 9.67      | 0.07    | 9.84    |
| AV   | 711.605k  | 11.90        | 46.00        | -34.10      | 19.58       | Line      | -       | -7.68      | 9.67      | 0.07    | 9.84    |
| QP   | 2.301M    | 14.60        | 56.00        | -41.40      | 19.61       | Line      | -       | -5.01      | 9.68      | 0.11    | 9.82    |
| AV   | 2.301M    | 12.88        | 46.00        | -33.12      | 19.61       | Line      | -       | -6.73      | 9.68      | 0.11    | 9.82    |
| QP   | 7.932M    | 16.64        | 60.00        | -43.36      | 19.79       | Line      | -       | -3.15      | 9.71      | 0.18    | 9.90    |
| AV   | 7.932M    | 14.58        | 50.00        | -35.42      | 19.79       | Line      | -       | -5.21      | 9.71      | 0.18    | 9.90    |
| QP   | 22.396M   | 21.31        | 60.00        | -38.69      | 19.84       | Line      | -       | 1.47       | 9.63      | 0.31    | 9.90    |
| AV   | 22.396M   | 18.12        | 50.00        | -31.88      | 19.84       | Line      | -       | -1.72      | 9.63      | 0.31    | 9.90    |

### Conducted Emissions at Powerline\_Mode 1



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |  |  |  |  |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|--|--|--|--|
| QP   | 183.137k  | 18.66        | 64.34        | -45.68      | 19.62       | Neutral   | -       | -0.96      | 9.68      | 0.04    | 9.90    |  |  |  |  |
| AV   | 183.137k  | 16.32        | 54.34        | -38.02      | 19.62       | Neutral   | -       | -3.30      | 9.68      | 0.04    | 9.90    |  |  |  |  |
| QP   | 321.537k  | 13.66        | 59.67        | -46.01      | 19.62       | Neutral   | -       | -5.96      | 9.67      | 0.05    | 9.90    |  |  |  |  |
| AV   | 321.537k  | 12.58        | 49.67        | -37.09      | 19.62       | Neutral   | -       | -7.04      | 9.67      | 0.05    | 9.90    |  |  |  |  |
| QP   | 601.76k   | 12.97        | 56.00        | -43.03      | 19.60       | Neutral   | -       | -6.63      | 9.67      | 0.07    | 9.86    |  |  |  |  |
| AV   | 601.76k   | 11.93        | 46.00        | -34.07      | 19.60       | Neutral   | -       | -7.67      | 9.67      | 0.07    | 9.86    |  |  |  |  |
| QP   | 2.395M    | 14.44        | 56.00        | -41.56      | 19.62       | Neutral   | -       | -5.18      | 9.68      | 0.11    | 9.83    |  |  |  |  |
| AV   | 2.395M    | 12.92        | 46.00        | -33.08      | 19.62       | Neutral   | -       | -6.70      | 9.68      | 0.11    | 9.83    |  |  |  |  |
| QP   | 5.903M    | 16.71        | 60.00        | -43.29      | 19.78       | Neutral   | -       | -3.07      | 9.71      | 0.17    | 9.90    |  |  |  |  |
| AV   | 5.903M    | 14.62        | 50.00        | -35.38      | 19.78       | Neutral   | -       | -5.16      | 9.71      | 0.17    | 9.90    |  |  |  |  |
| QP   | 22.396M   | 23.92        | 60.00        | -36.08      | 19.95       | Neutral   | -       | 3.97       | 9.74      | 0.31    | 9.90    |  |  |  |  |
| AV   | 22.396M   | 20.89        | 50.00        | -29.11      | 19.95       | Neutral   | -       | 0.94       | 9.74      | 0.31    | 9.90    |  |  |  |  |



Summary

| Mode                           | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|--------------------------------|---------------|--------------|----------|---------------|--------------|
| 5.15-5.25GHz                   | -             | -            | -        | -             | -            |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.58M        | 16.552M      | 16M6D1D  | 20.07M        | 16.432M      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 20.85M        | 17.721M      | 17M7D1D  | 20.28M        | 17.601M      |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 67.2M         | 36.66M       | 36M7D1D  | 40.26M        | 36.162M      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 80.88M        | 75.922M      | 75M9D1D  | 80.88M        | 75.922M      |
| 5.25-5.35GHz                   | -             | -            | -        | -             | -            |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.52M        | 16.582M      | 16M6D1D  | 19.92M        | 16.432M      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 20.79M        | 17.691M      | 17M7D1D  | 20.4M         | 17.58M       |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 68.46M        | 36.582M      | 36M6D1D  | 40.2M         | 36.102M      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 81.12M        | 75.922M      | 75M9D1D  | 81M           | 75.562M      |
| 5.47-5.725GHz                  | -             | -            | -        | -             | -            |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.37M        | 16.5M        | 16M5D1D  | 14.94M        | 13.238M      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 20.4M         | 17.661M      | 17M7D1D  | 15.045M       | 13.808M      |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 60.6M         | 36.522M      | 36M5D1D  | 40.08M        | 32.954M      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 106.575M      | 76.162M      | 76M2D1D  | 80.4M         | 72.714M      |
| 5.725-5.85GHz                  | -             | -            | -        | -             | -            |
| 802.11a_Nss1,(6Mbps)_2TX       | 15.69M        | 29.625M      | 29M6D1D  | 3.14M         | 4.098M       |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 16.89M        | 26.507M      | 26M5D1D  | 3.12M         | 4.178M       |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 34.98M        | 58.831M      | 58M8D1D  | 3.14M         | 17.251M      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 75.12M        | 76.522M      | 76M5D1D  | 3.14M         | 29.805M      |

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





Result

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.25M           | 16.492M         | 20.07M           | 16.432M         |
| 5200MHz                        | Pass   | Inf        | 20.58M           | 16.552M         | 20.52M           | 16.552M         |
| 5240MHz                        | Pass   | Inf        | 20.37M           | 16.522M         | 20.43M           | 16.462M         |
| 5260MHz                        | Pass   | Inf        | 20.46M           | 16.522M         | 20.4M            | 16.492M         |
| 5300MHz                        | Pass   | Inf        | 20.52M           | 16.582M         | 20.49M           | 16.462M         |
| 5320MHz                        | Pass   | Inf        | 20.25M           | 16.492M         | 19.92M           | 16.432M         |
| 5500MHz                        | Pass   | Inf        | 20.28M           | 16.5M           | 20.07M           | 16.47M          |
| 5580MHz                        | Pass   | Inf        | 20.22M           | 16.462M         | 20.25M           | 16.462M         |
| 5700MHz                        | Pass   | Inf        | 20.37M           | 16.462M         | 20.04M           | 16.432M         |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 15.075M          | 13.268M         | 14.94M           | 13.238M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.14M            | 4.138M          | 3.14M            | 4.098M          |
| 5745MHz                        | Pass   | 500k       | 15.3M            | 28.726M         | 15.69M           | 29.625M         |
| 5785MHz                        | Pass   | 500k       | 15.09M           | 26.357M         | 15.6M            | 26.597M         |
| 5825MHz                        | Pass   | 500k       | 15.12M           | 25.277M         | 15.06M           | 24.618M         |
| 802.11ac_VHT20_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.37M           | 17.601M         | 20.28M           | 17.631M         |
| 5200MHz                        | Pass   | Inf        | 20.85M           | 17.631M         | 20.43M           | 17.721M         |
| 5240MHz                        | Pass   | Inf        | 20.58M           | 17.631M         | 20.46M           | 17.661M         |
| 5260MHz                        | Pass   | Inf        | 20.55M           | 17.631M         | 20.58M           | 17.661M         |
| 5300MHz                        | Pass   | Inf        | 20.64M           | 17.631M         | 20.79M           | 17.691M         |
| 5320MHz                        | Pass   | Inf        | 20.4M            | 17.64M          | 20.4M            | 17.58M          |
| 5500MHz                        | Pass   | Inf        | 20.4M            | 17.571M         | 20.31M           | 17.541M         |
| 5580MHz                        | Pass   | Inf        | 20.34M           | 17.571M         | 20.34M           | 17.661M         |
| 5700MHz                        | Pass   | Inf        | 20.34M           | 17.601M         | 20.37M           | 17.601M         |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 15.045M          | 13.808M         | 15.165M          | 13.838M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.74M            | 4.278M          | 3.12M            | 4.178M          |
| 5745MHz                        | Pass   | 500k       | 15.12M           | 25.187M         | 16.89M           | 26.027M         |
| 5785MHz                        | Pass   | 500k       | 15.12M           | 25.127M         | 15.12M           | 26.507M         |
| 5825MHz                        | Pass   | 500k       | 15.12M           | 23.298M         | 15.09M           | 22.399M         |
| 802.11ac_VHT40_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.92M           | 36.162M         | 40.26M           | 36.162M         |
| 5230MHz                        | Pass   | Inf        | 67.2M            | 36.54M          | 65.52M           | 36.66M          |
| 5270MHz                        | Pass   | Inf        | 64.32M           | 36.582M         | 68.46M           | 36.522M         |
| 5310MHz                        | Pass   | Inf        | 41.28M           | 36.102M         | 40.2M            | 36.162M         |
| 5510MHz                        | Pass   | Inf        | 40.68M           | 36.102M         | 40.08M           | 36.162M         |
| 5550MHz                        | Pass   | Inf        | 60.6M            | 36.402M         | 48.18M           | 36.522M         |
| 5670MHz                        | Pass   | Inf        | 41.58M           | 36.162M         | 40.62M           | 36.282M         |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 47.95M           | 32.989M         | 47.775M          | 32.954M         |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.14M            | 17.471M         | 3.14M            | 17.251M         |
| 5755MHz                        | Pass   | 500k       | 33.84M           | 45.877M         | 34.98M           | 47.196M         |
| 5795MHz                        | Pass   | 500k       | 32.58M           | 58.711M         | 32.58M           | 58.831M         |
| 802.11ac_VHT80_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 80.88M           | 75.922M         | 80.88M           | 75.922M         |
| 5290MHz                        | Pass   | Inf        | 81M              | 75.562M         | 81.12M           | 75.922M         |
| 5530MHz                        | Pass   | Inf        | 80.88M           | 75.922M         | 80.4M            | 75.802M         |
| 5610MHz                        | Pass   | Inf        | 81.24M           | 75.682M         | 94.44M           | 76.162M         |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 106.575M         | 72.714M         | 97.725M          | 72.714M         |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.14M            | 29.805M         | 3.14M            | 32.084M         |
| 5775MHz                        | Pass   | 500k       | 75.12M           | 76.522M         | 75.12M           | 76.402M         |

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

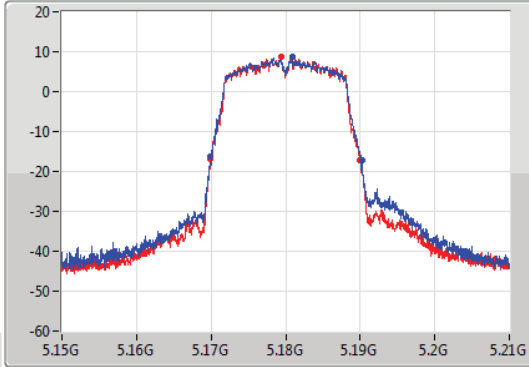
802.11a\_Nss1,(6Mbps)\_2TX

EBW

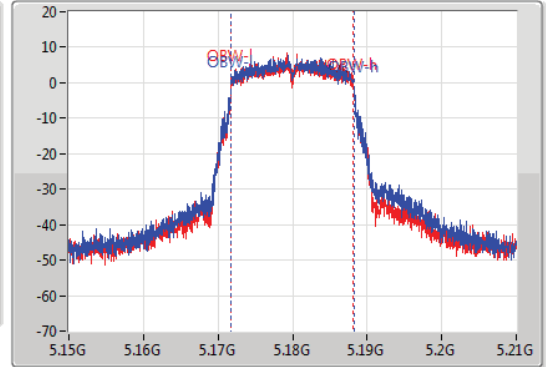
5180MHz

25/05/2021

CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.25M   | 5.16995G    | 5.1902G     | 16.492M | 5.171724G  | 5.188216G  | Inf       | 1    |
| 20.07M   | 5.16995G    | 5.19002G    | 16.432M | 5.171754G  | 5.188186G  | Inf       | 2    |

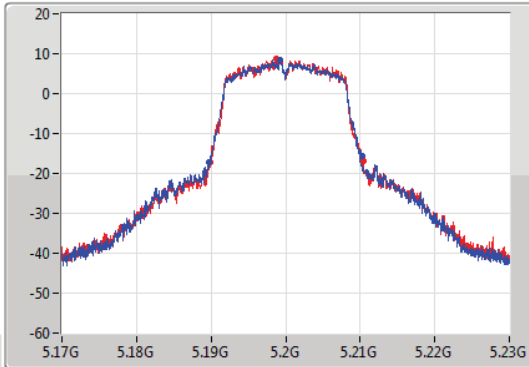
802.11a\_Nss1,(6Mbps)\_2TX

EBW

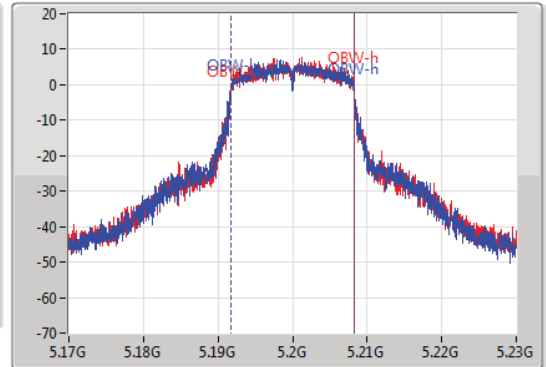
5200MHz

25/05/2021

CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.58M   | 5.18965G    | 5.21023G    | 16.552M | 5.191694G  | 5.208246G  | Inf       | 1    |
| 20.52M   | 5.18986G    | 5.21038G    | 16.552M | 5.191694G  | 5.208246G  | Inf       | 2    |

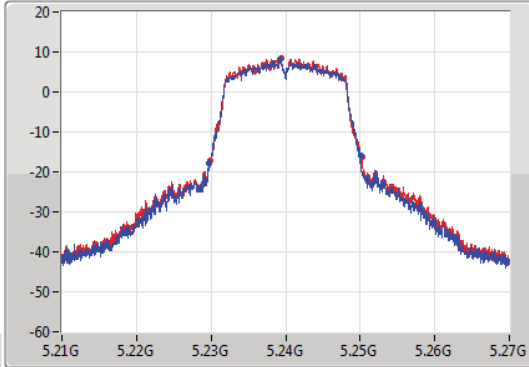
### 802.11a\_Nss1,(6Mbps)\_2TX

EBW

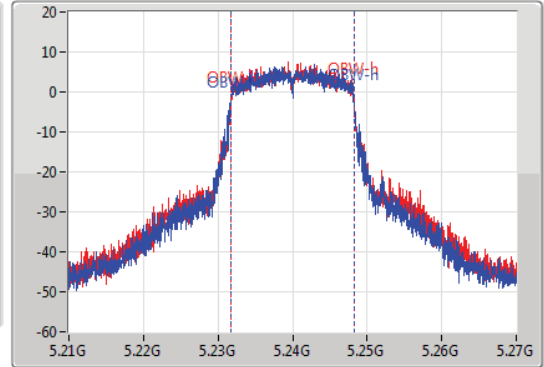
5240MHz

25/05/2021

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.37M   | 5.22977G    | 5.25014G    | 16.522M | 5.231694G  | 5.248216G  | Inf       | 1    |
| 20.43M   | 5.22986G    | 5.25029G    | 16.462M | 5.231754G  | 5.248216G  | Inf       | 2    |

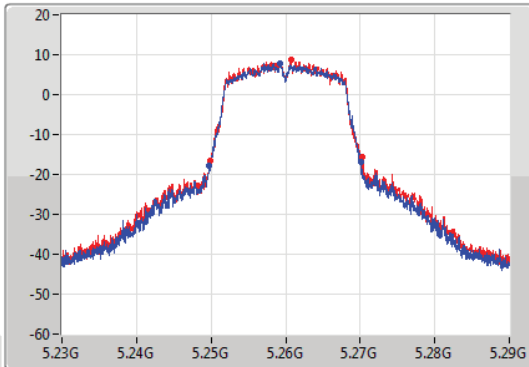
### 802.11a\_Nss1,(6Mbps)\_2TX

EBW

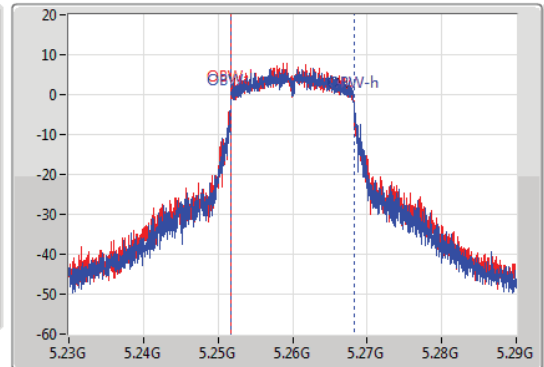
5260MHz

25/05/2021

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.46M   | 5.24971G    | 5.27017G    | 16.522M | 5.251724G  | 5.268246G  | Inf       | 1    |
| 20.4M    | 5.24986G    | 5.27026G    | 16.492M | 5.251724G  | 5.268216G  | Inf       | 2    |

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

EBW

5300MHz

25/05/2021

CF  
5.3GHz

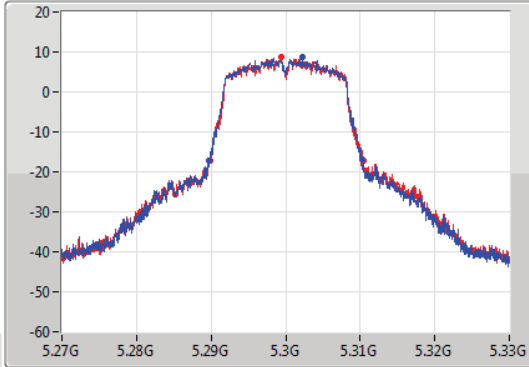
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.3GHz

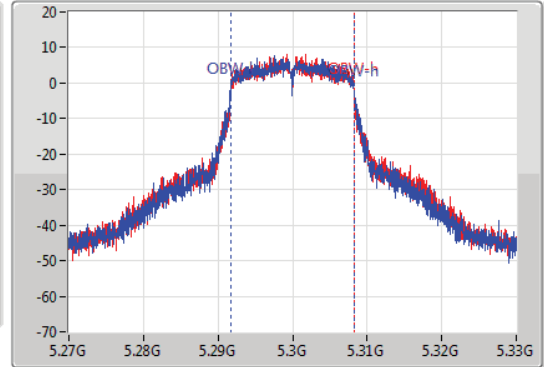
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.52M   | 5.28968G    | 5.3102G     | 16.582M | 5.291694G  | 5.308276G  | Inf       | 1    |
| 20.49M   | 5.28992G    | 5.31041G    | 16.462M | 5.291754G  | 5.308216G  | Inf       | 2    |

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

EBW

5320MHz

25/05/2021

CF  
5.32GHz

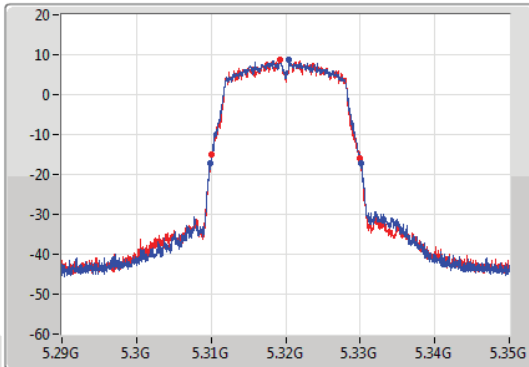
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.32GHz

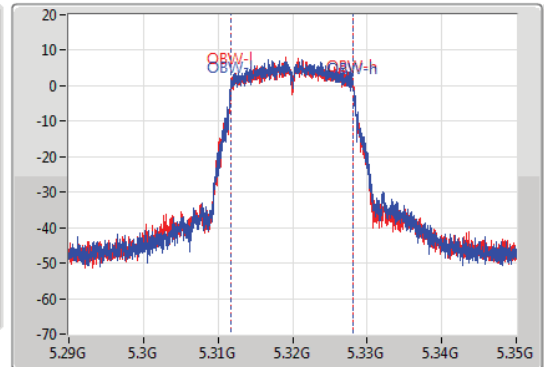
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.25M   | 5.30992G    | 5.33017G    | 16.492M | 5.311694G  | 5.328186G  | Inf       | 1    |
| 19.92M   | 5.31004G    | 5.32996G    | 16.432M | 5.311754G  | 5.328186G  | Inf       | 2    |

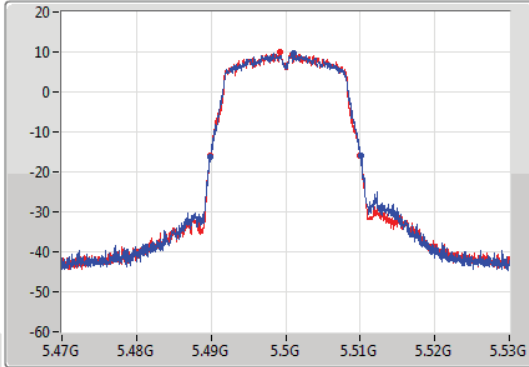
### 802.11a\_Nss1,(6Mbps)\_2TX

EBW

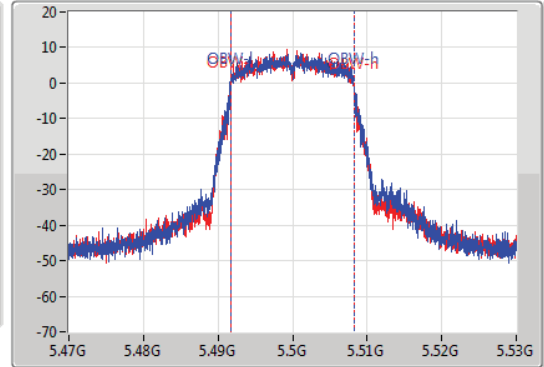
5500MHz

27/04/2021

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.28M   | 5.48989G    | 5.51017G    | 16.5M   | 5.49169G   | 5.50819G   | Inf       | 1    |
| 20.07M   | 5.48995G    | 5.51002G    | 16.47M  | 5.49172G   | 5.50819G   | Inf       | 2    |

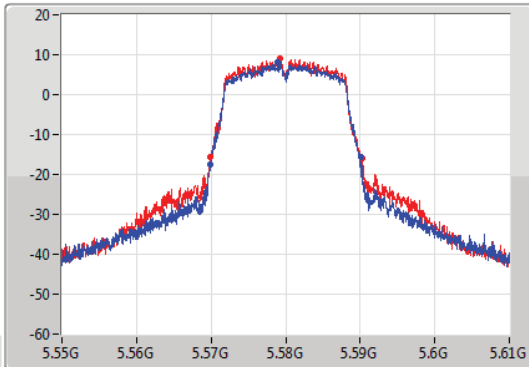
### 802.11a\_Nss1,(6Mbps)\_2TX

EBW

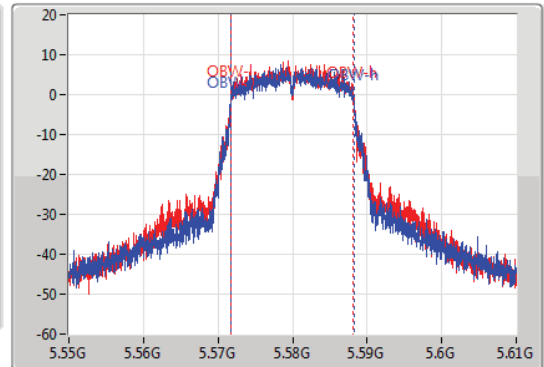
5580MHz

25/05/2021

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



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



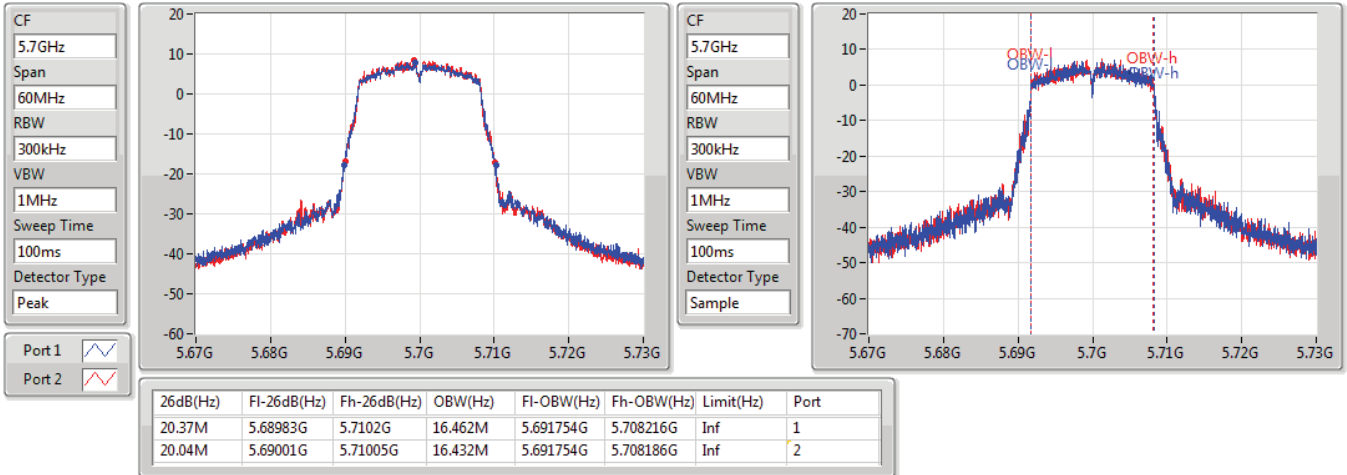
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.22M   | 5.56986G    | 5.59008G    | 16.462M | 5.571754G  | 5.588216G  | Inf       | 1    |
| 20.25M   | 5.56995G    | 5.5902G     | 16.462M | 5.571724G  | 5.588186G  | Inf       | 2    |

802.11a\_Nss1,(6Mbps)\_2TX

EBW

5700MHz

17/06/2021

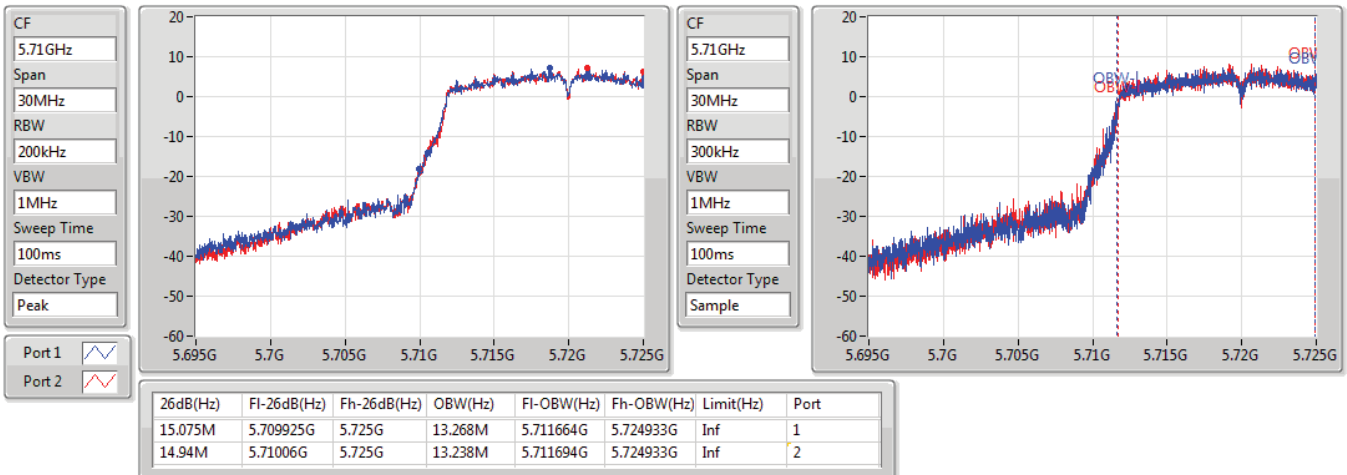


802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

25/05/2021

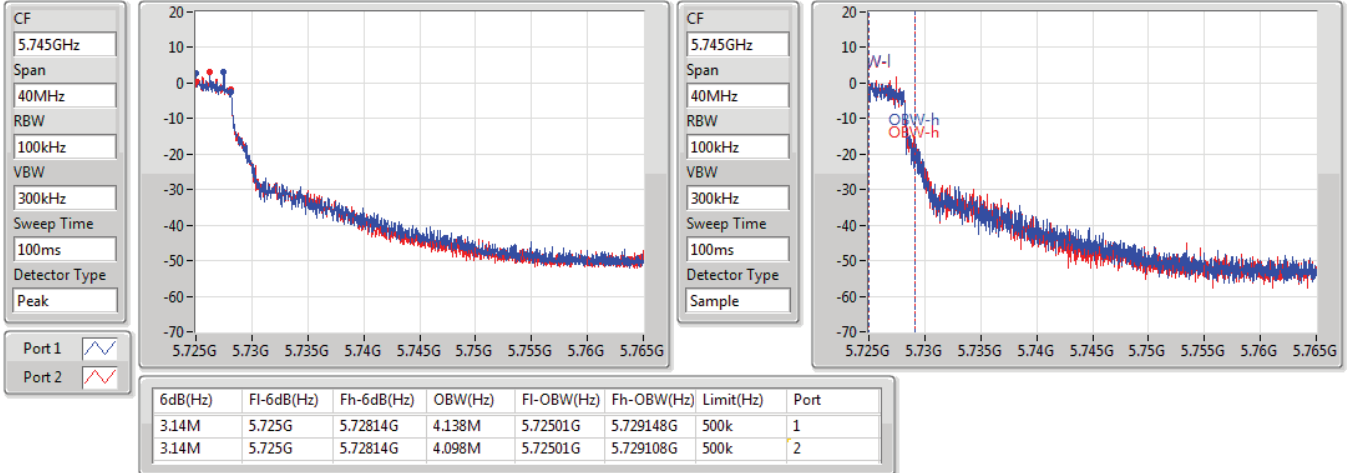


802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/05/2021

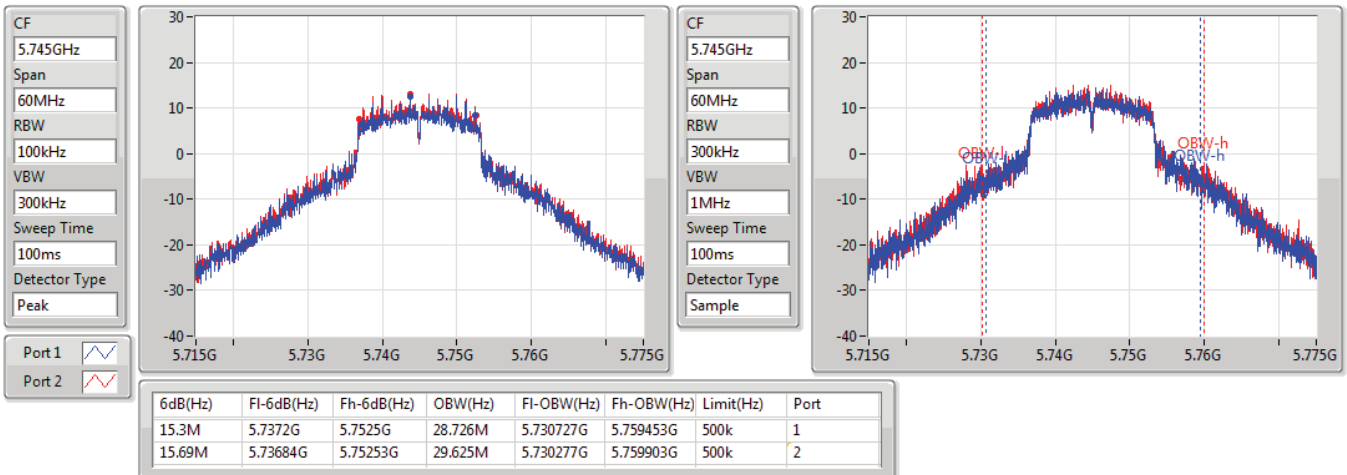


802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

18/06/2021

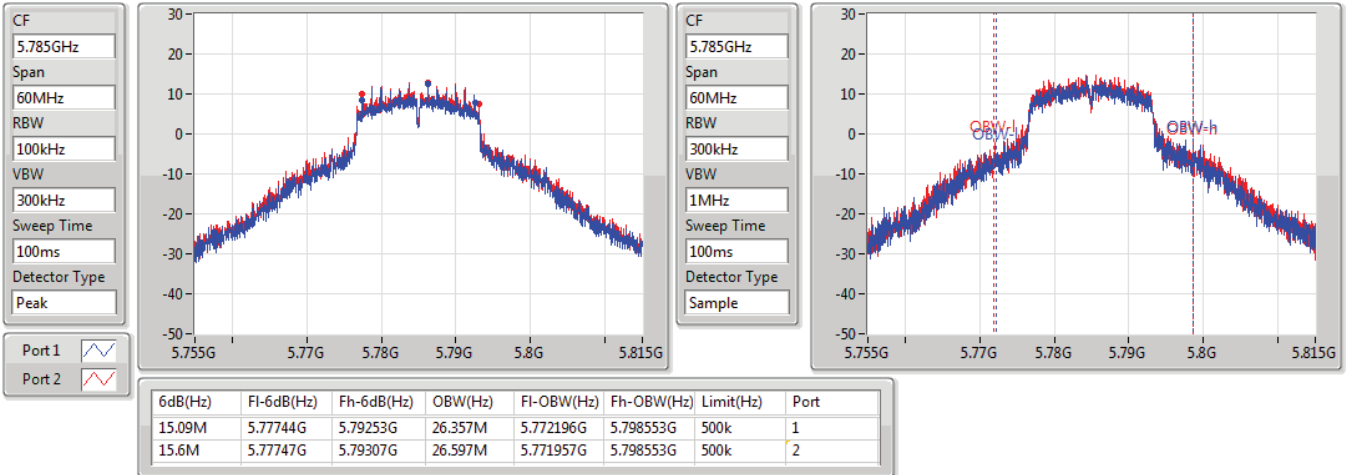


### 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

18/06/2021

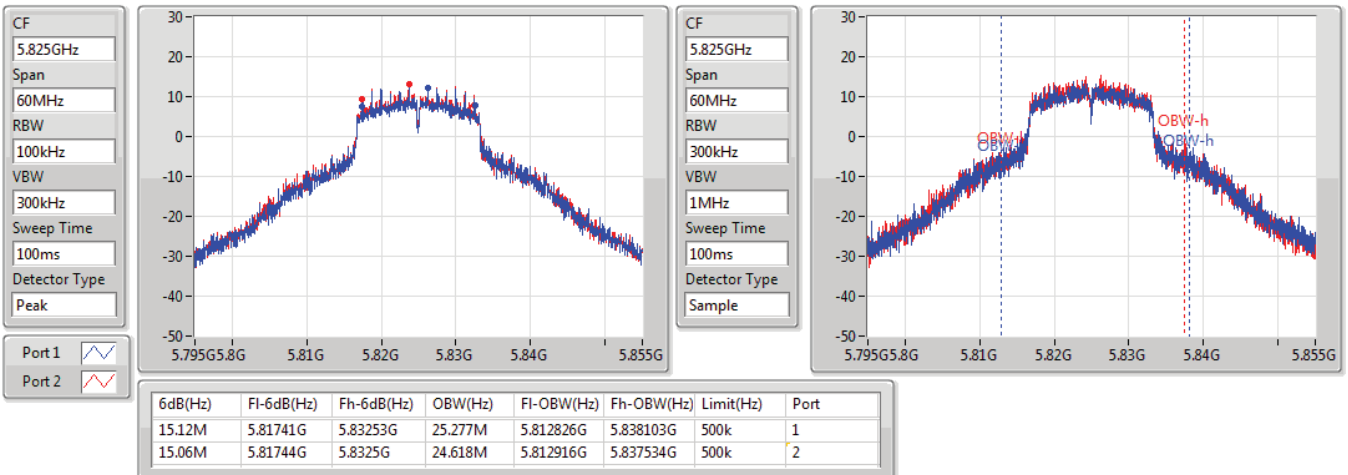


### 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

18/06/2021



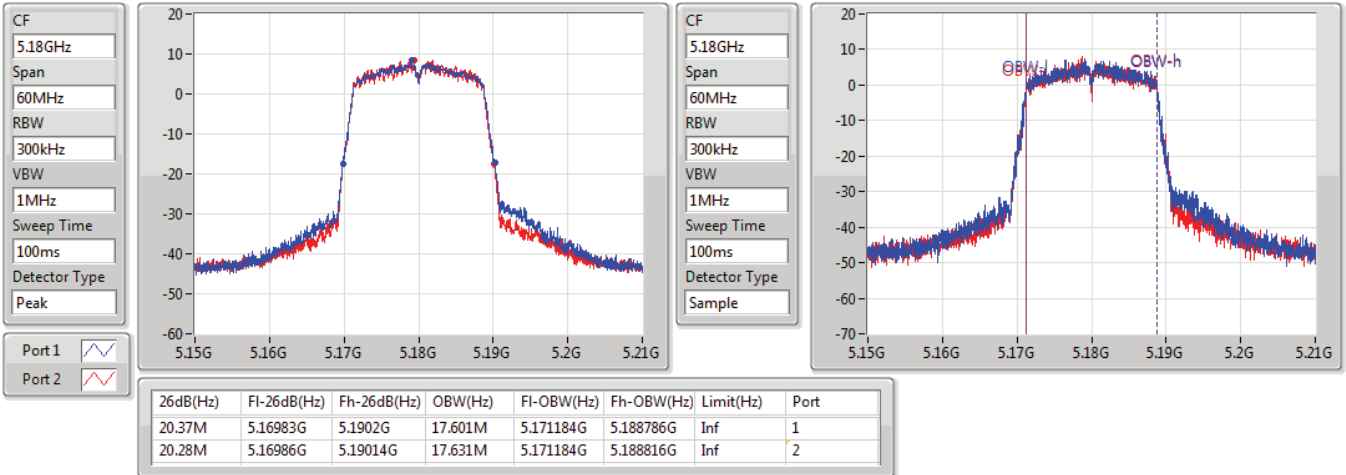


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

17/06/2021

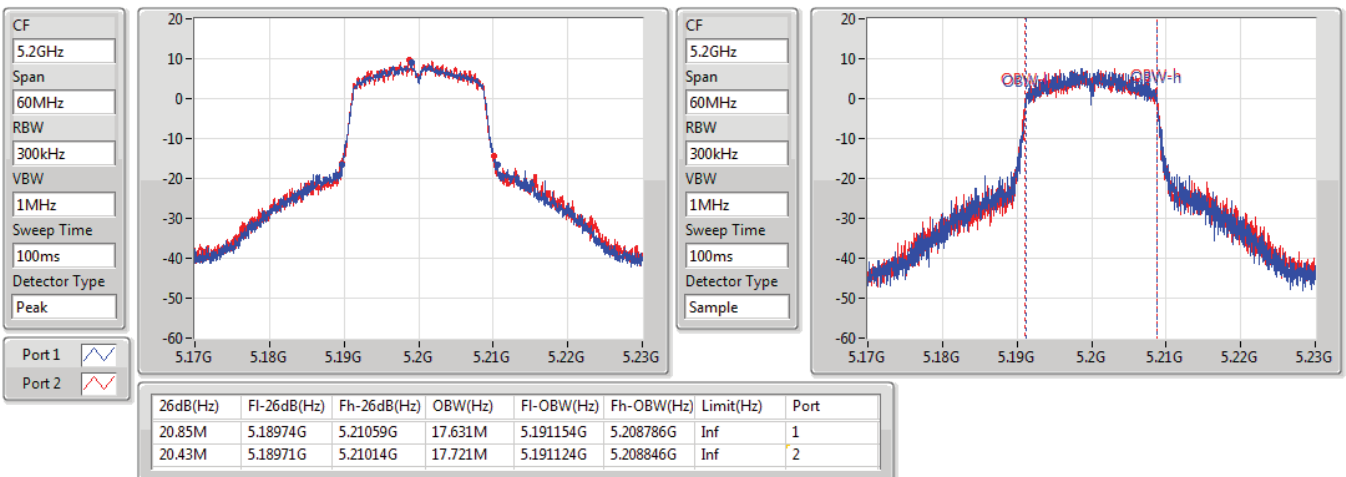


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5200MHz

25/05/2021

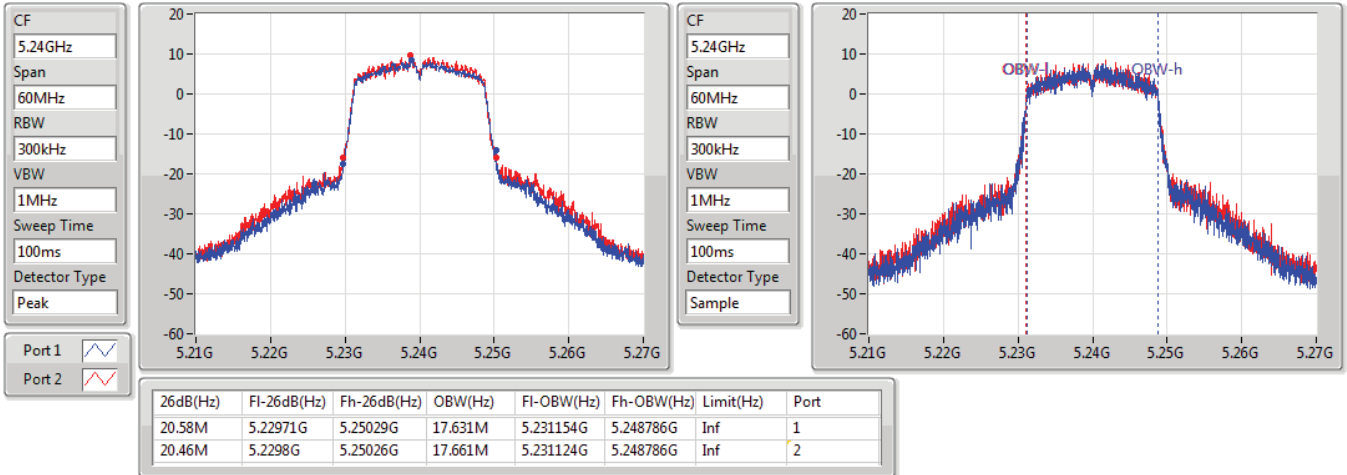


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5240MHz

25/05/2021

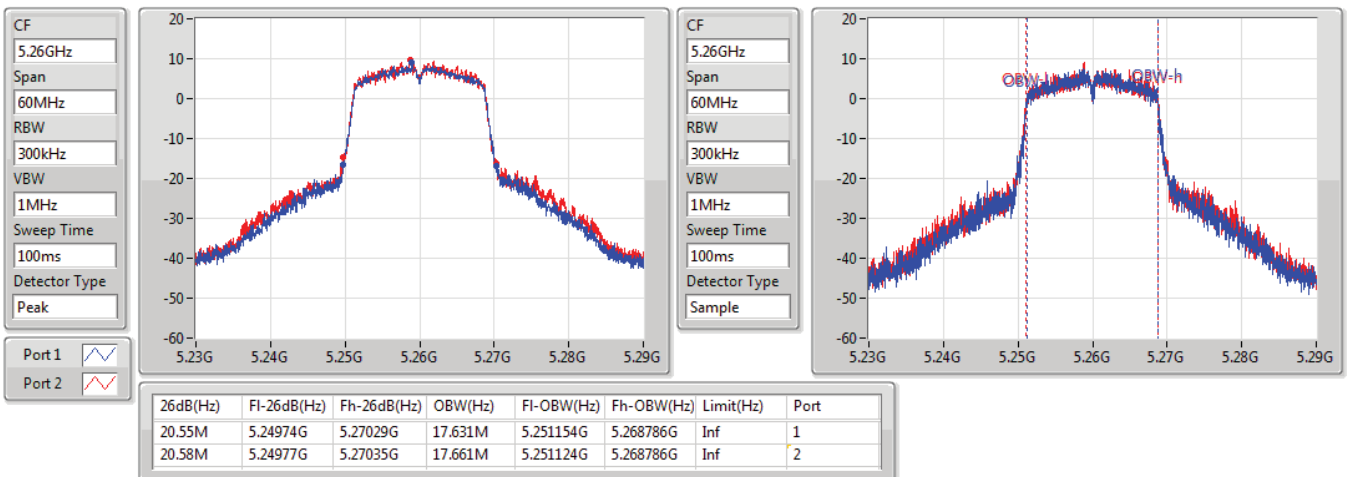


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5260MHz

25/05/2021

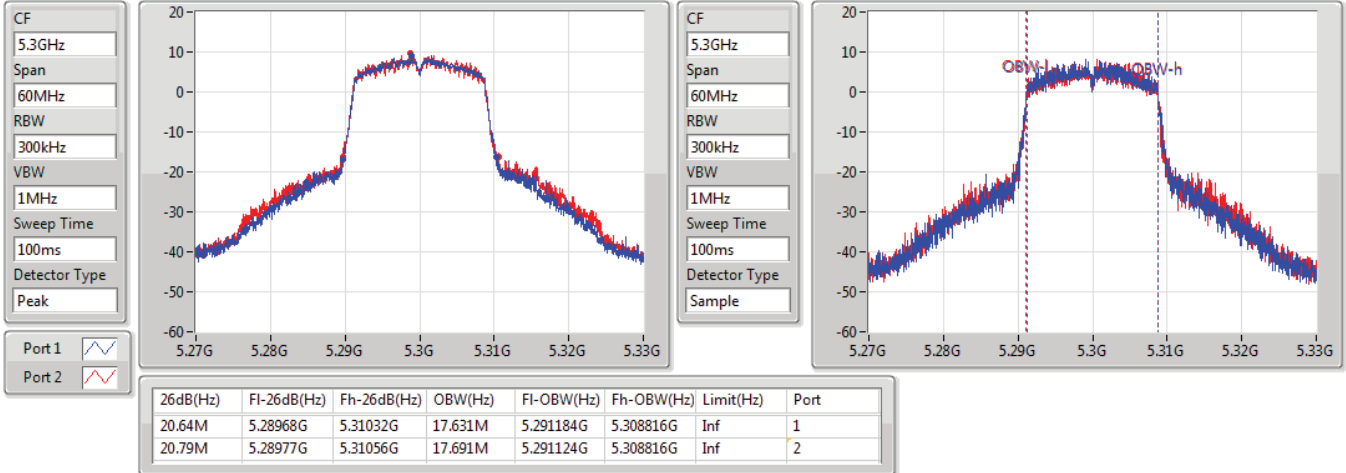


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5300MHz

25/05/2021

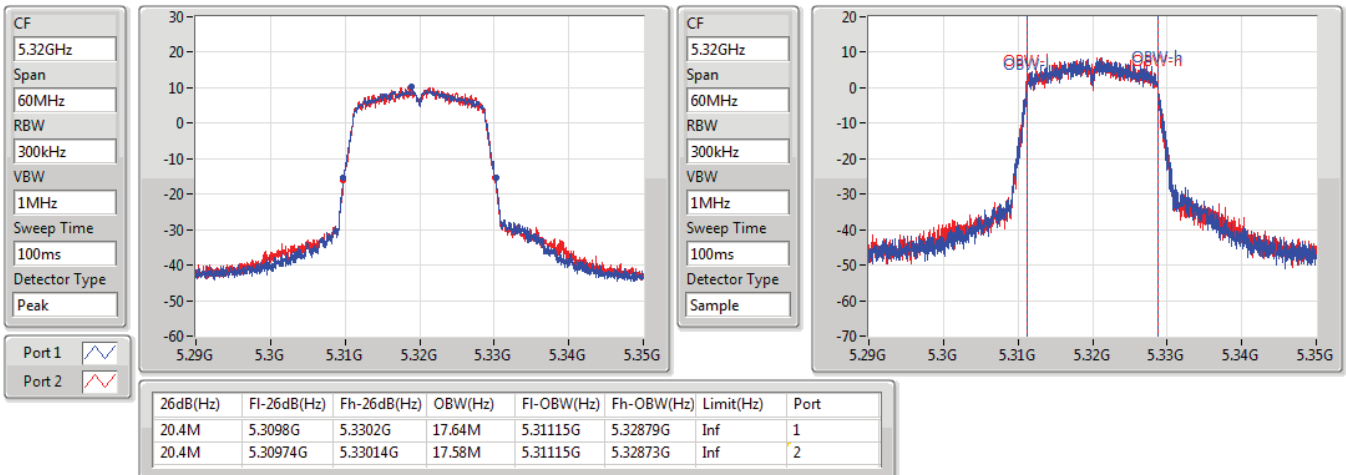


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5320MHz

27/04/2021

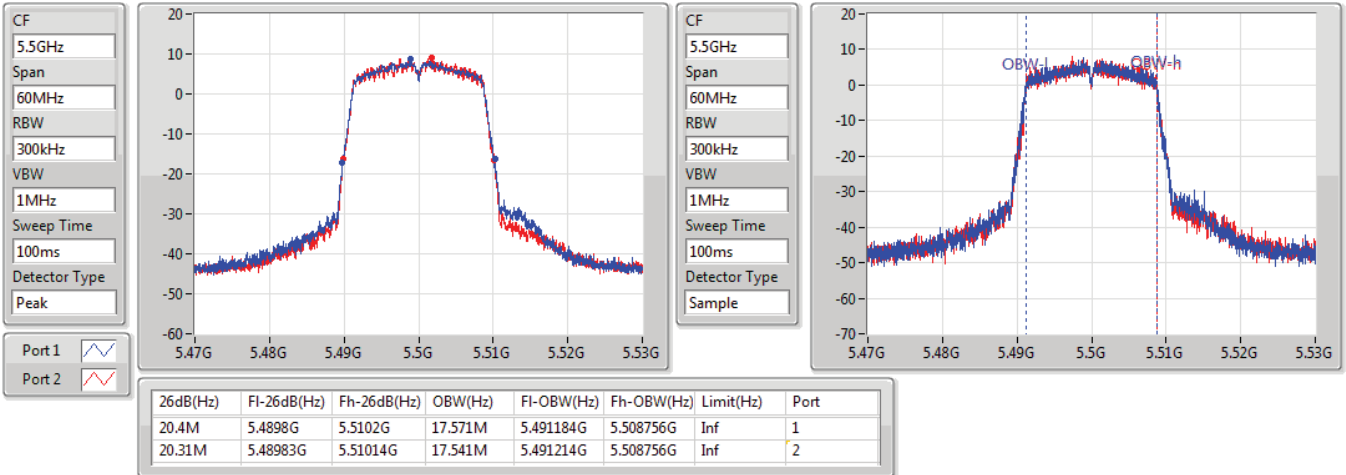


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5500MHz

25/05/2021

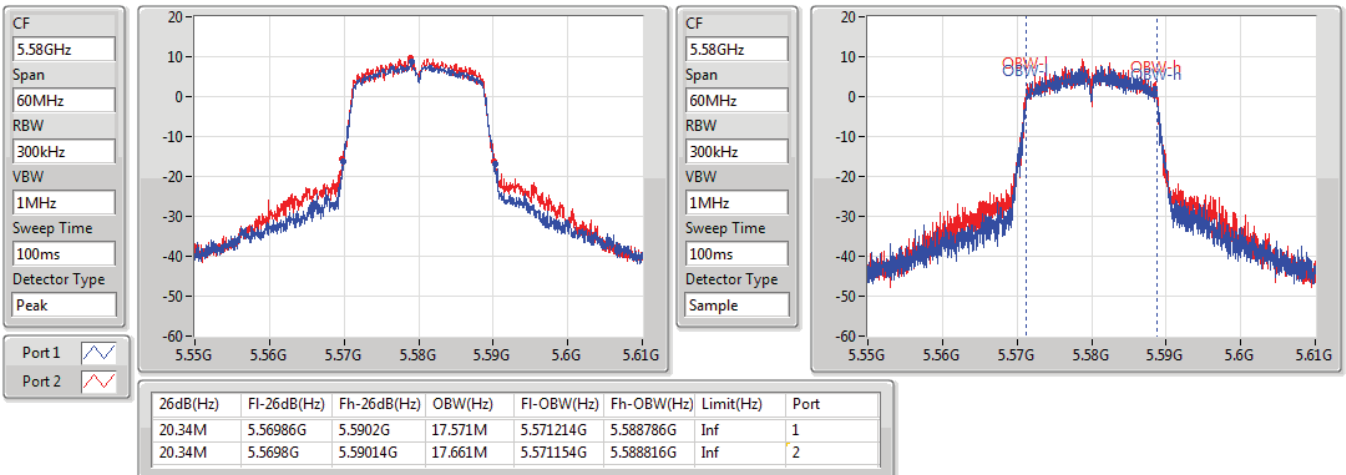


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5580MHz

25/05/2021

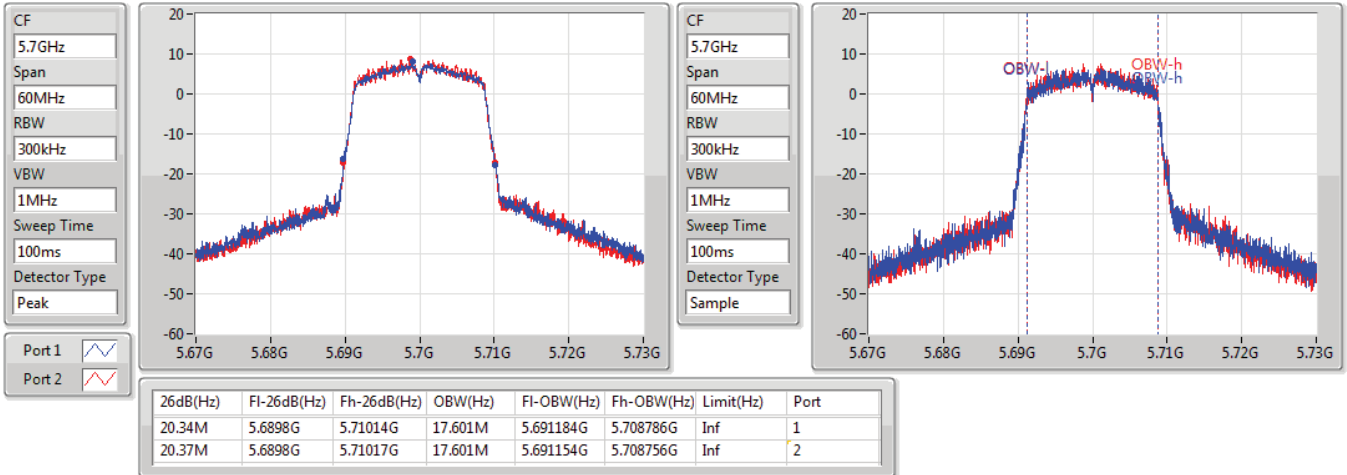


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5700MHz

25/05/2021

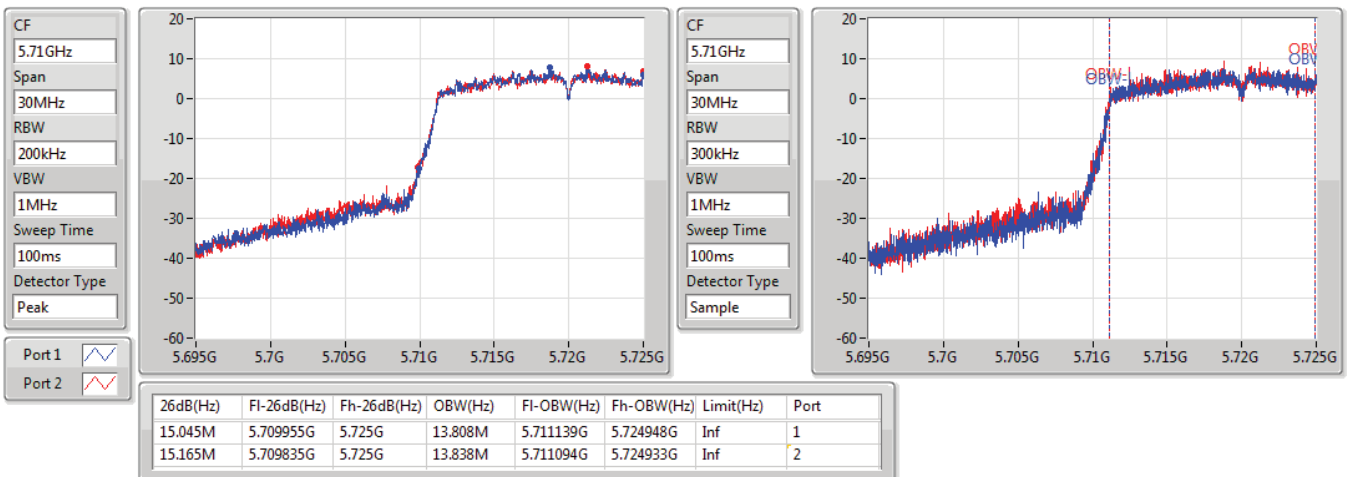


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

25/05/2021

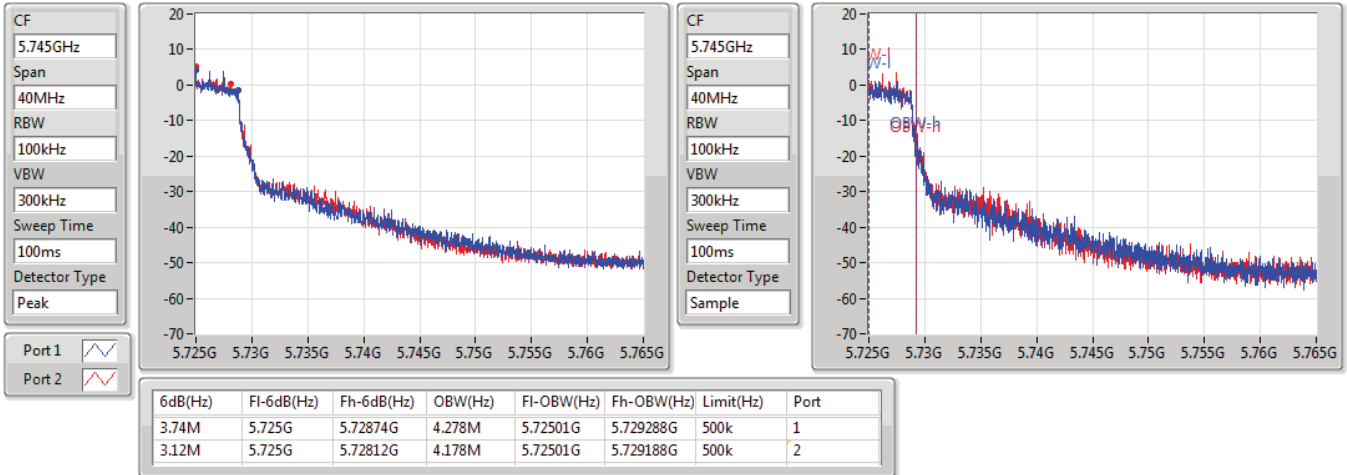


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/05/2021

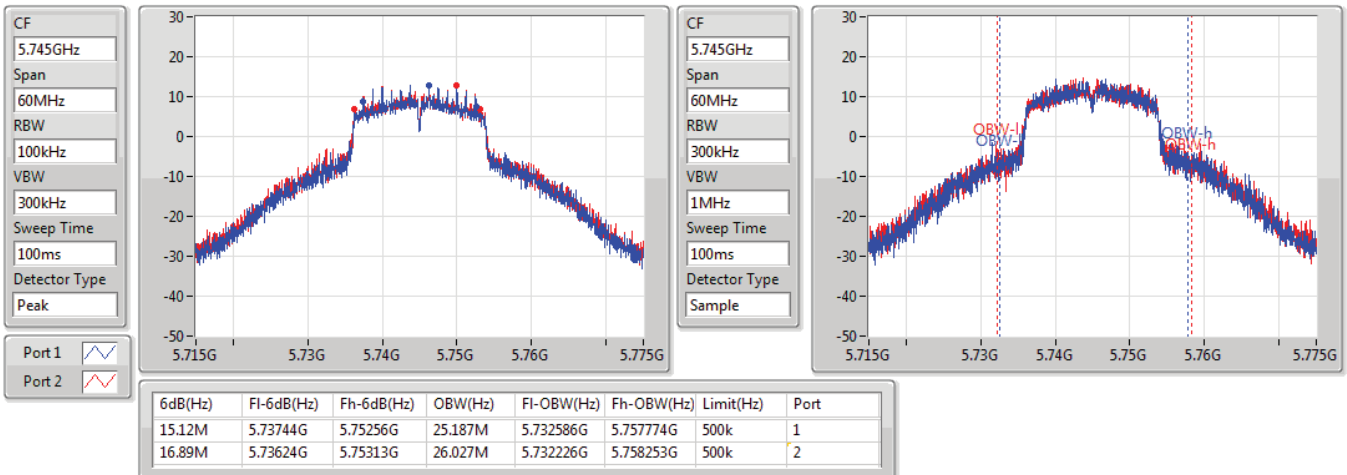


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5745MHz

17/06/2021

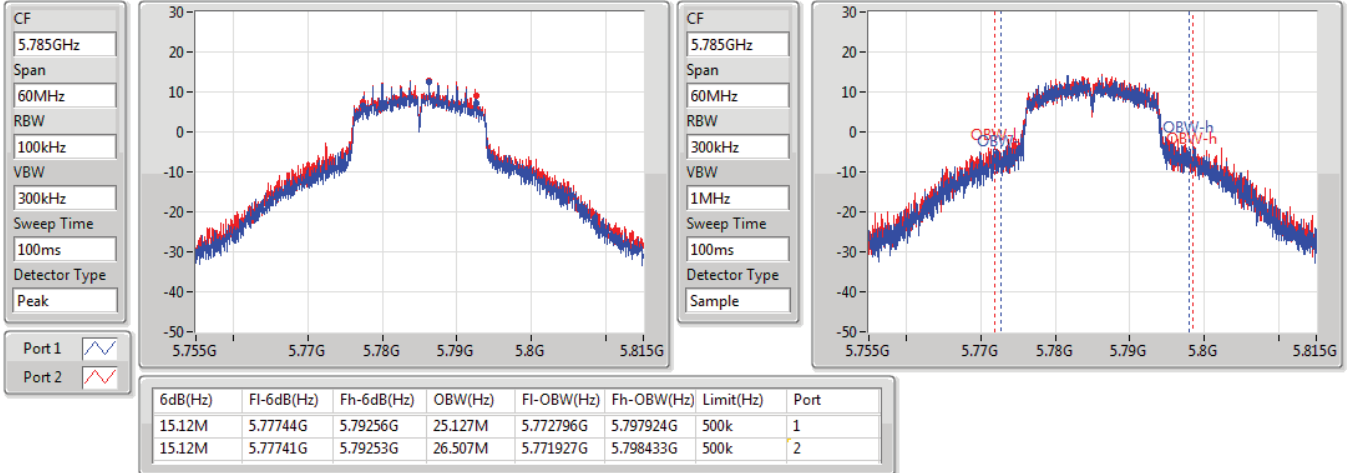


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

17/06/2021

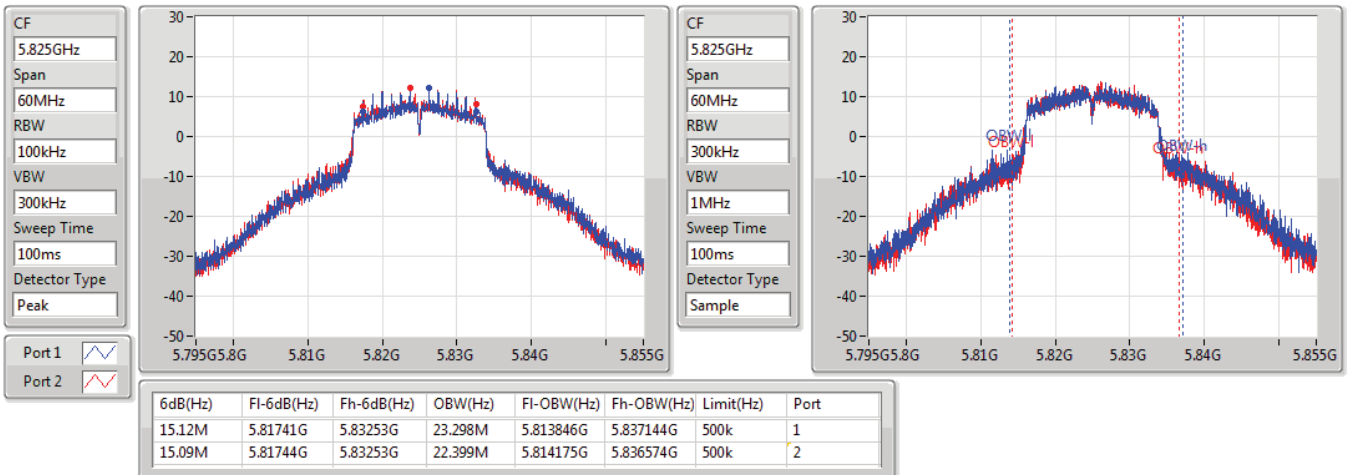


802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

17/06/2021

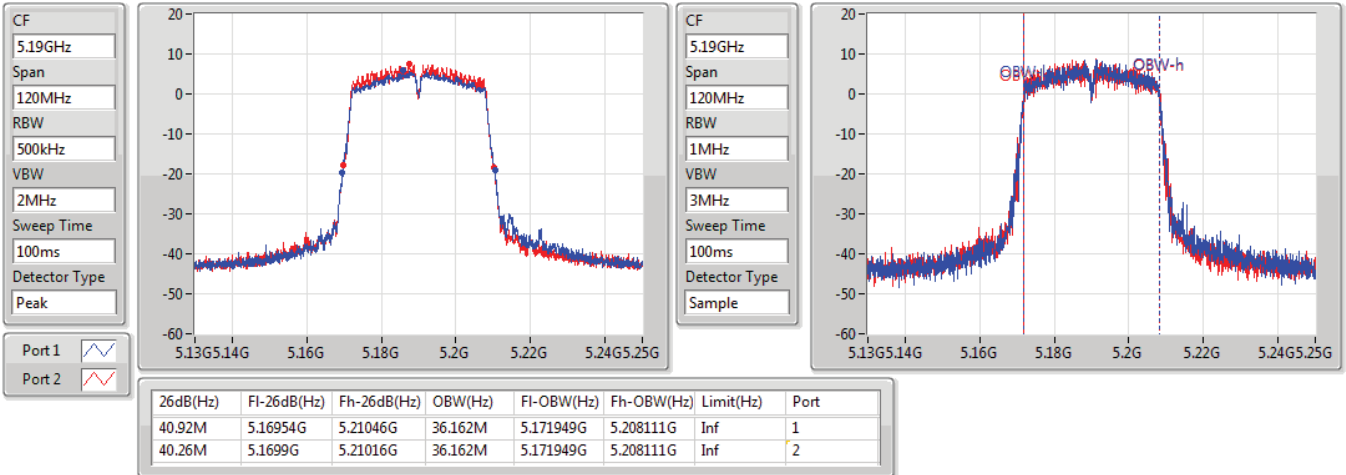


802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

25/05/2021

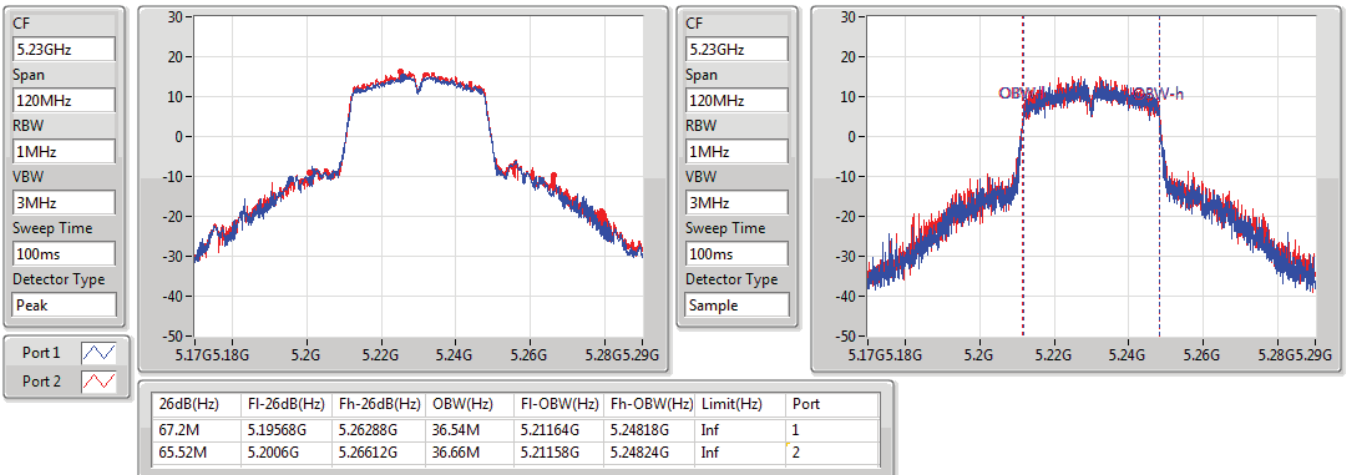


802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

27/04/2021





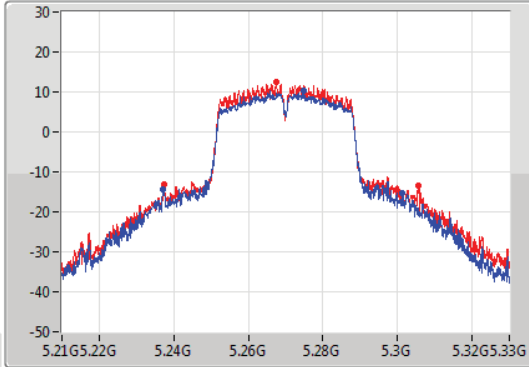
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

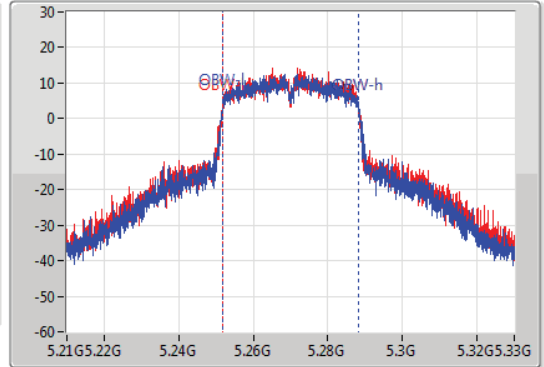
5270MHz

25/05/2021

CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 64.32M   | 5.23694G    | 5.30126G    | 36.582M | 5.251709G  | 5.288291G  | Inf       | 1    |
| 68.46M   | 5.2373G     | 5.30576G    | 36.522M | 5.251709G  | 5.288231G  | Inf       | 2    |

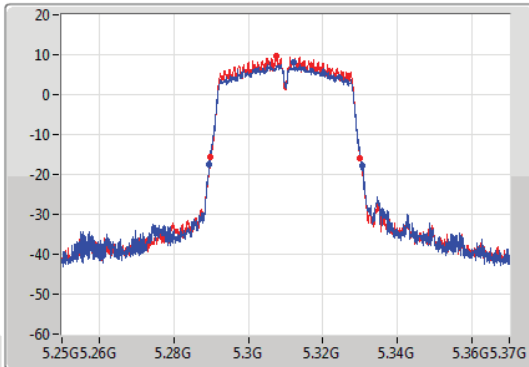
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

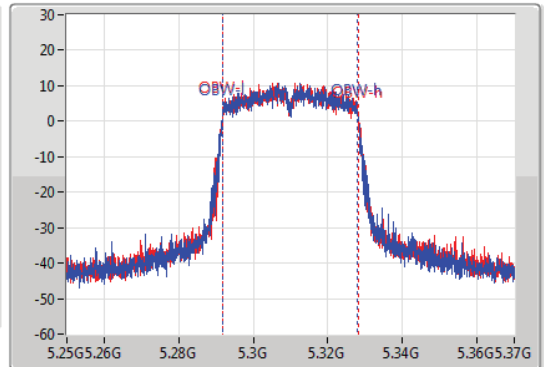
5310MHz

18/06/2021

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



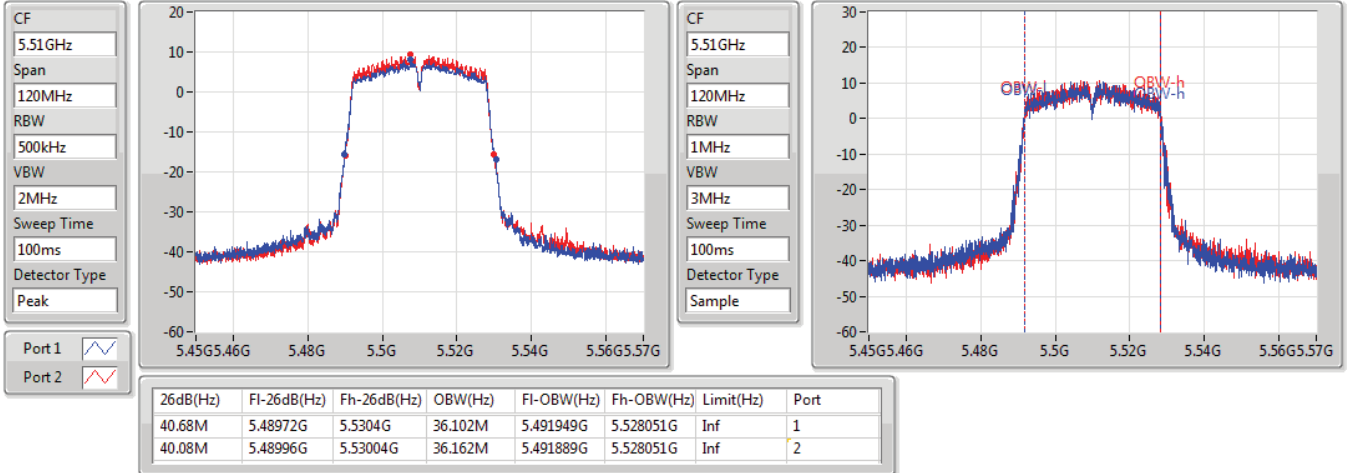
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.28M   | 5.28942G    | 5.3307G     | 36.102M | 5.291889G  | 5.327991G  | Inf       | 1    |
| 40.2M    | 5.28984G    | 5.33004G    | 36.162M | 5.291889G  | 5.328051G  | Inf       | 2    |

802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5510MHz

18/06/2021

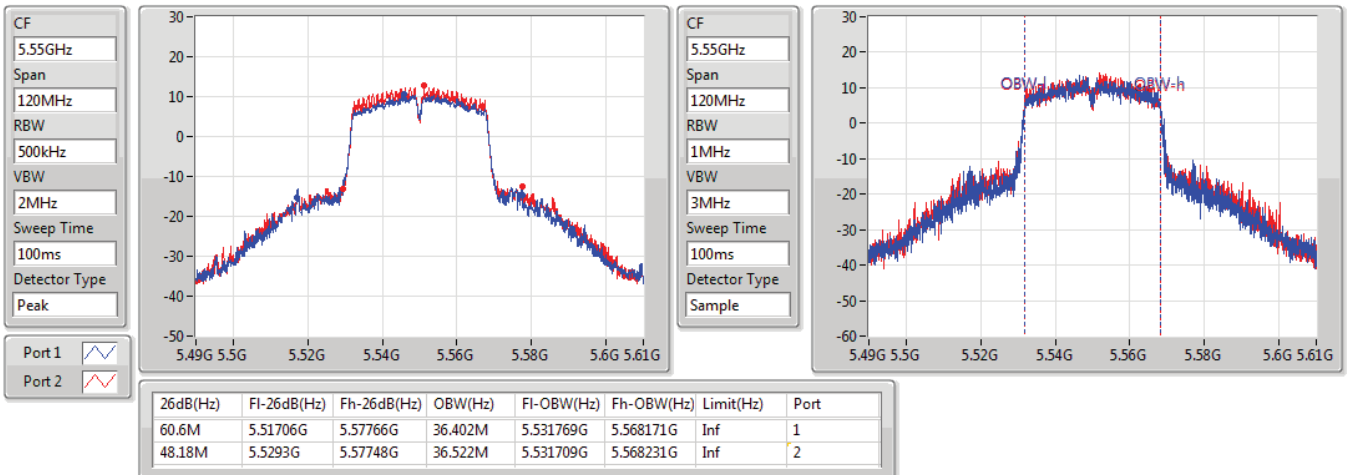


802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5550MHz

25/05/2021



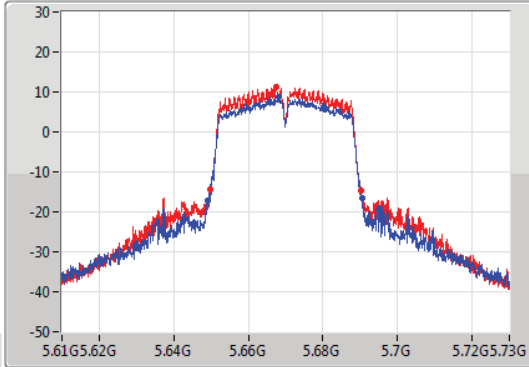
802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

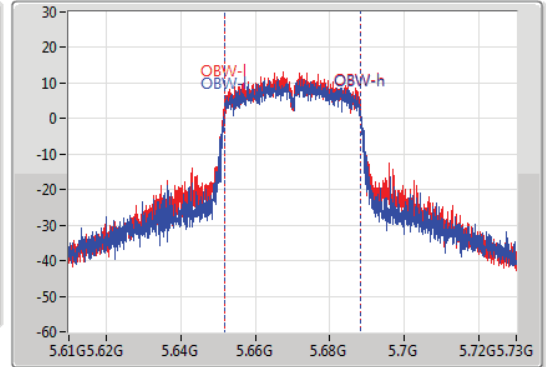
5670MHz

25/05/2021

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.58M   | 5.649G      | 5.69058G    | 36.162M | 5.651889G  | 5.688051G  | Inf       | 1    |
| 40.62M   | 5.64966G    | 5.69028G    | 36.282M | 5.651769G  | 5.688051G  | Inf       | 2    |

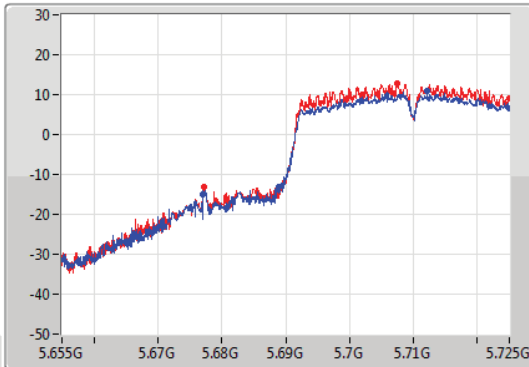
802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

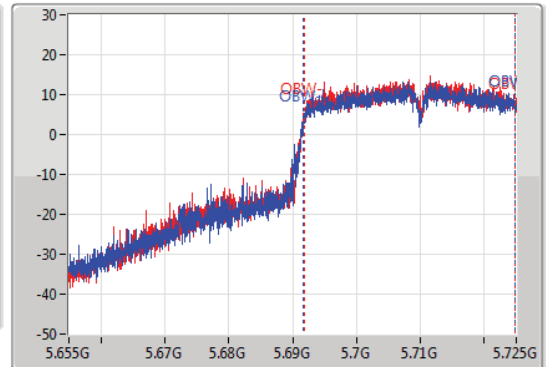
5710MHz Straddle 5.47-5.725GHz

18/06/2021

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



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



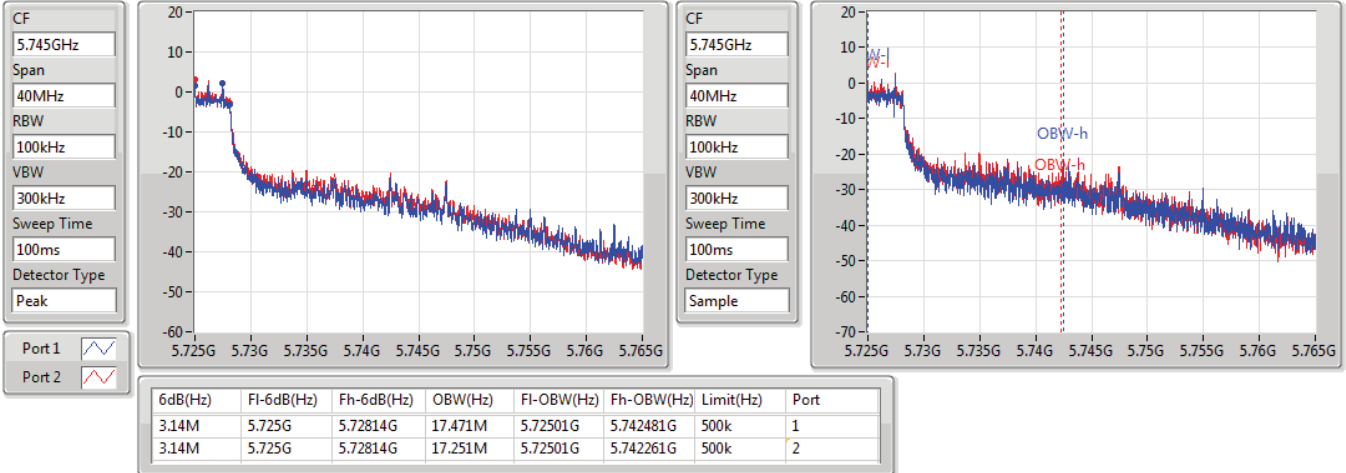
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 47.95M   | 5.67705G    | 5.725G      | 32.989M | 5.691749G  | 5.724738G  | Inf       | 1    |
| 47.775M  | 5.677225G   | 5.725G      | 32.954M | 5.691784G  | 5.724738G  | Inf       | 2    |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

#### 5710MHz Straddle 5.725-5.85GHz

18/06/2021

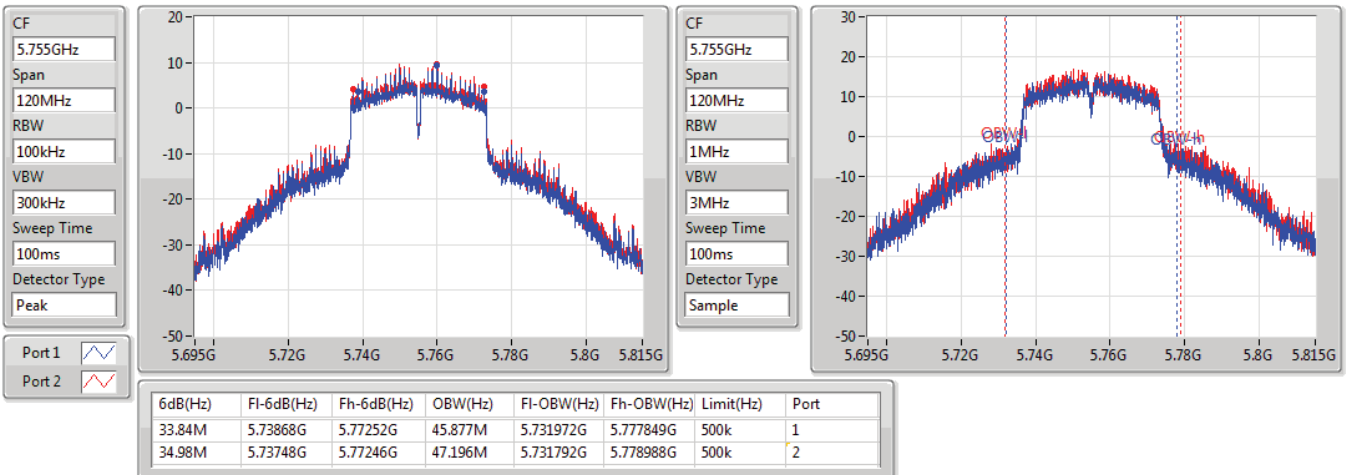


### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

#### 5755MHz

18/06/2021



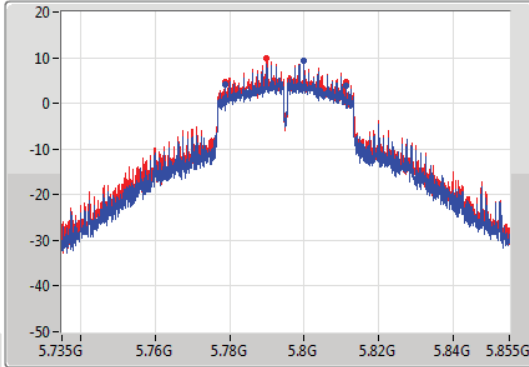
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

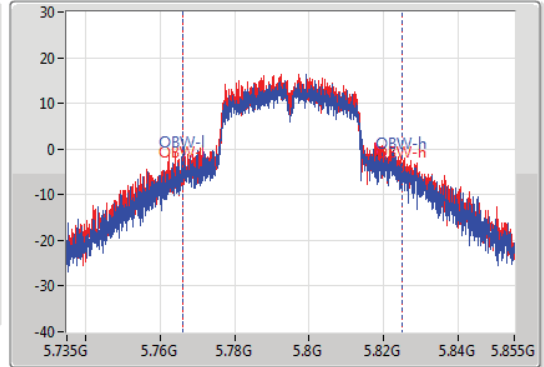
5795MHz

18/06/2021

CF  
5.795GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.795GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 32.58M  | 5.77868G   | 5.81126G   | 58.711M | 5.766154G  | 5.824865G  | 500k      | 1    |
| 32.58M  | 5.77868G   | 5.81126G   | 58.831M | 5.766034G  | 5.824865G  | 500k      | 2    |

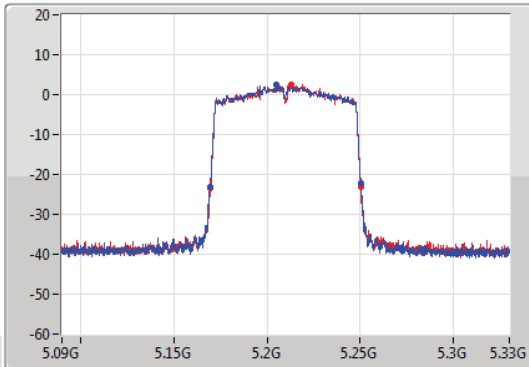
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

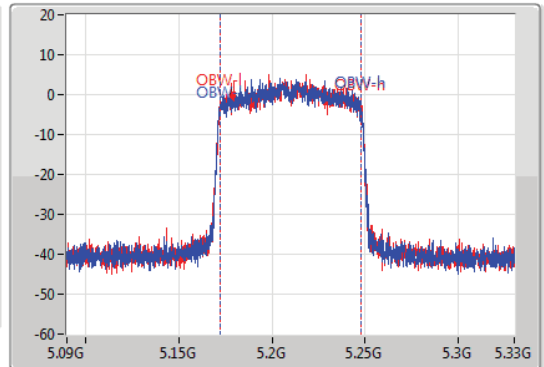
5210MHz

18/06/2021

CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.21GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 80.88M   | 5.16944G    | 5.25032G    | 75.922M | 5.171979G  | 5.247901G  | Inf       | 1    |
| 80.88M   | 5.16956G    | 5.25044G    | 75.922M | 5.171979G  | 5.247901G  | Inf       | 2    |

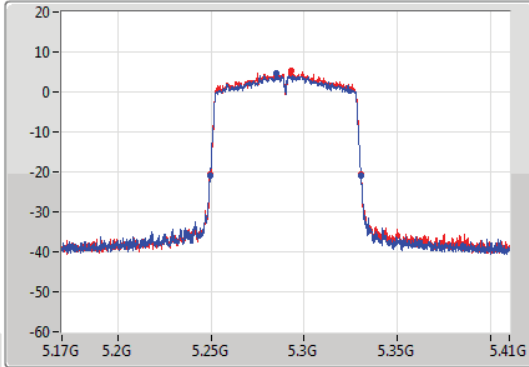
802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

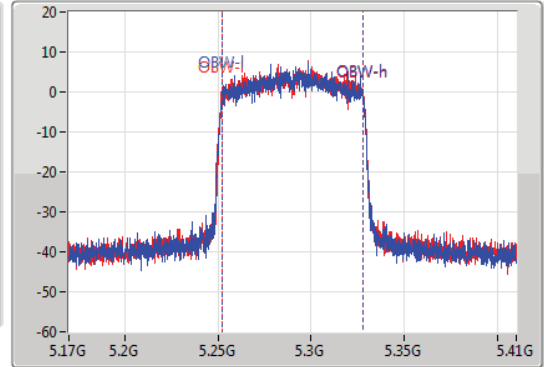
5290MHz

18/06/2021

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81M      | 5.24956G    | 5.33056G    | 75.562M | 5.252219G  | 5.327781G  | Inf       | 1    |
| 81.12M   | 5.24932G    | 5.33044G    | 75.922M | 5.251979G  | 5.327901G  | Inf       | 2    |

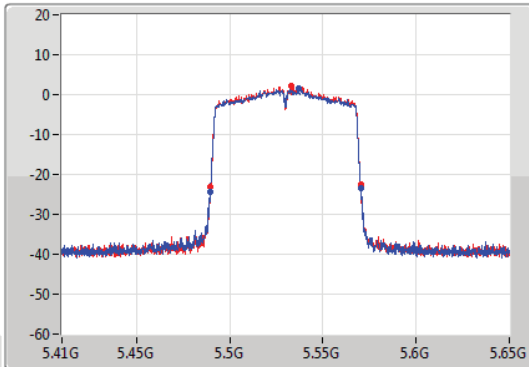
802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

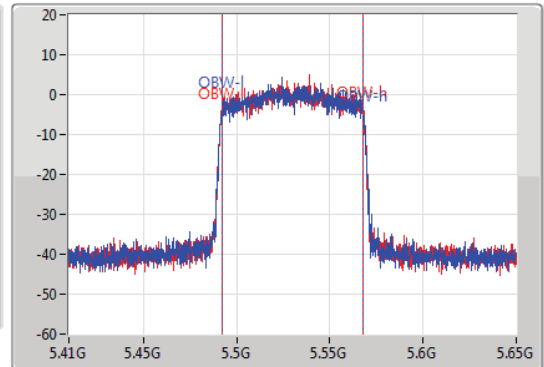
5530MHz

18/06/2021

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 80.88M   | 5.48956G    | 5.57044G    | 75.922M | 5.491979G  | 5.567901G  | Inf       | 1    |
| 80.4M    | 5.4898G     | 5.5702G     | 75.802M | 5.491979G  | 5.567781G  | Inf       | 2    |

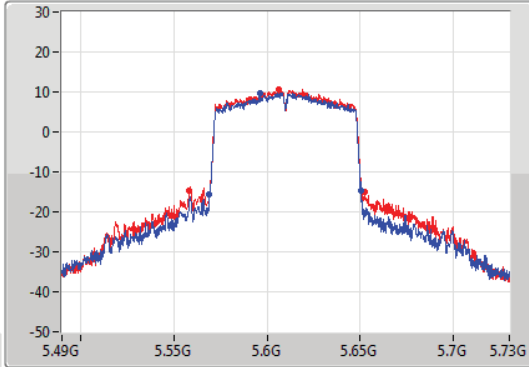
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

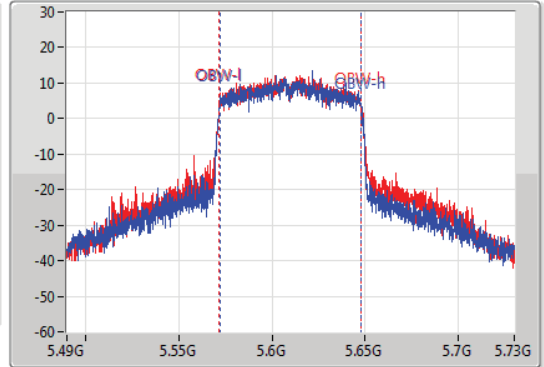
5610MHz

25/05/2021

CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.24M   | 5.5692G     | 5.65044G    | 75.682M | 5.572099G  | 5.647781G  | Inf       | 1    |
| 94.44M   | 5.55816G    | 5.6526G     | 76.162M | 5.571859G  | 5.648021G  | Inf       | 2    |

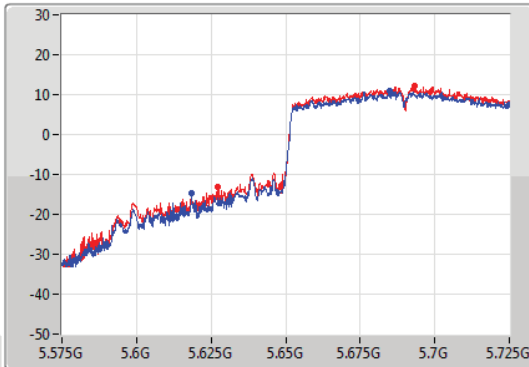
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

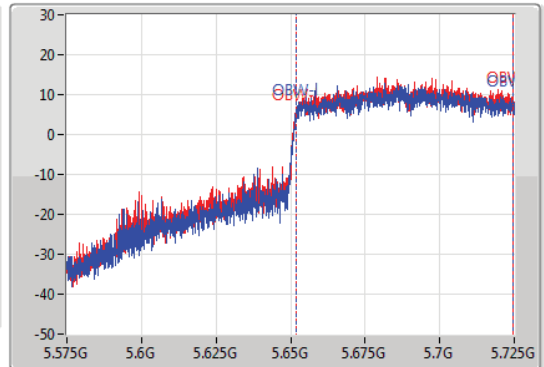
5690MHz Straddle 5.47-5.725GHz

18/06/2021

CF  
5.65GHz  
Span  
150MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Sample



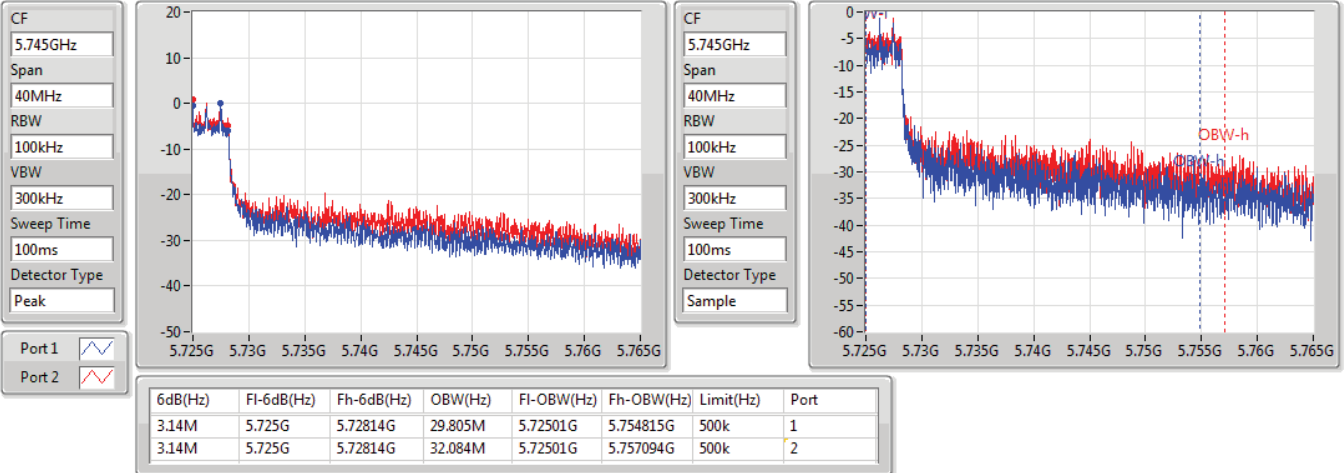
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 106.575M | 5.618425G   | 5.725G      | 72.714M | 5.651724G  | 5.724438G  | Inf       | 1    |
| 97.725M  | 5.627275G   | 5.725G      | 72.714M | 5.651724G  | 5.724438G  | Inf       | 2    |

802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

18/06/2021

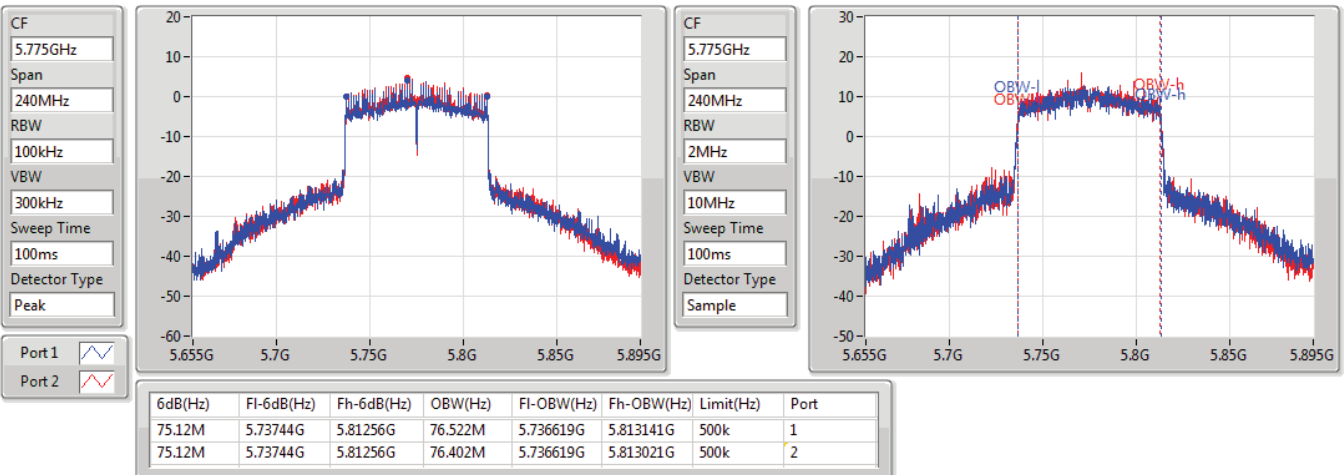


802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

5775MHz

18/06/2021







**Summary**

| Mode                           | Total Power (dBm) | Total Power (W) | EIRP (dBm) | EIRP (W) |
|--------------------------------|-------------------|-----------------|------------|----------|
| 5.15-5.25GHz                   | -                 | -               | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | 19.37             | 0.08650         | 24.37      | 0.27353  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 19.72             | 0.09376         | 24.72      | 0.29648  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 21.92             | 0.15560         | 26.92      | 0.49204  |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 13.42             | 0.02198         | 18.42      | 0.06950  |
| 5.25-5.35GHz                   | -                 | -               | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | 19.56             | 0.09036         | 24.56      | 0.28576  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 19.83             | 0.09616         | 24.83      | 0.30409  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 21.81             | 0.15171         | 26.81      | 0.47973  |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 15.69             | 0.03707         | 20.69      | 0.11722  |
| 5.47-5.725GHz                  | -                 | -               | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | 19.86             | 0.09683         | 24.86      | 0.30620  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 19.75             | 0.09441         | 24.75      | 0.29854  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 22.38             | 0.17298         | 27.38      | 0.54702  |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 22.41             | 0.17418         | 27.41      | 0.55081  |
| 5.725-5.85GHz                  | -                 | -               | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | 26.34             | 0.43053         | 31.34      | 1.36144  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 25.96             | 0.39446         | 30.96      | 1.24738  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 25.03             | 0.31842         | 30.03      | 1.00693  |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 22.27             | 0.16866         | 27.27      | 0.53333  |



Result

| Mode                           | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Total Power (dBm) | Power Limit (dBm) | EIRP (dBm) | EIRP Limit (dBm) |
|--------------------------------|--------|----------|--------------|--------------|-------------------|-------------------|------------|------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5180MHz                        | Pass   | 5.00     | 16.46        | 16.05        | 19.27             | 23.98             | 24.27      | 30.00            |
| 5200MHz                        | Pass   | 5.00     | 16.35        | 16.36        | 19.37             | 23.98             | 24.37      | 30.00            |
| 5240MHz                        | Pass   | 5.00     | 16.02        | 16.07        | 19.06             | 23.98             | 24.06      | 30.00            |
| 5260MHz                        | Pass   | 5.00     | 16.03        | 16.30        | 19.18             | 23.98             | 24.18      | 30.00            |
| 5300MHz                        | Pass   | 5.00     | 16.54        | 16.26        | 19.41             | 23.98             | 24.41      | 30.00            |
| 5320MHz                        | Pass   | 5.00     | 16.61        | 16.49        | 19.56             | 23.98             | 24.56      | 30.00            |
| 5500MHz                        | Pass   | 5.00     | 16.90        | 16.79        | 19.86             | 23.98             | 24.86      | 30.00            |
| 5580MHz                        | Pass   | 5.00     | 16.02        | 16.53        | 19.29             | 23.98             | 24.29      | 30.00            |
| 5700MHz                        | Pass   | 5.00     | 15.73        | 16.00        | 18.88             | 23.98             | 23.88      | 30.00            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 5.00     | 15.74        | 15.86        | 18.81             | 22.74             | 23.81      | 28.74            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 5.00     | 8.03         | 8.23         | 11.14             | 30.00             | 16.14      | 36.00            |
| 5745MHz                        | Pass   | 5.00     | 23.07        | 23.57        | 26.34             | 30.00             | 31.34      | 36.00            |
| 5785MHz                        | Pass   | 5.00     | 22.67        | 23.32        | 26.02             | 30.00             | 31.02      | 36.00            |
| 5825MHz                        | Pass   | 5.00     | 22.71        | 23.24        | 25.99             | 30.00             | 30.99      | 36.00            |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5180MHz                        | Pass   | 5.00     | 15.85        | 15.49        | 18.68             | 23.98             | 23.68      | 30.00            |
| 5200MHz                        | Pass   | 5.00     | 16.70        | 16.71        | 19.72             | 23.98             | 24.72      | 30.00            |
| 5240MHz                        | Pass   | 5.00     | 16.47        | 16.69        | 19.59             | 23.98             | 24.59      | 30.00            |
| 5260MHz                        | Pass   | 5.00     | 16.43        | 16.70        | 19.58             | 23.98             | 24.58      | 30.00            |
| 5300MHz                        | Pass   | 5.00     | 16.90        | 16.73        | 19.83             | 23.98             | 24.83      | 30.00            |
| 5320MHz                        | Pass   | 5.00     | 16.56        | 16.47        | 19.53             | 23.98             | 24.53      | 30.00            |
| 5500MHz                        | Pass   | 5.00     | 16.70        | 16.60        | 19.66             | 23.98             | 24.66      | 30.00            |
| 5580MHz                        | Pass   | 5.00     | 16.43        | 17.03        | 19.75             | 23.98             | 24.75      | 30.00            |
| 5700MHz                        | Pass   | 5.00     | 15.87        | 16.09        | 18.99             | 23.98             | 23.99      | 30.00            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 5.00     | 16.17        | 16.32        | 19.26             | 22.77             | 24.26      | 28.77            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 5.00     | 8.96         | 9.16         | 12.07             | 30.00             | 17.07      | 36.00            |
| 5745MHz                        | Pass   | 5.00     | 22.84        | 23.06        | 25.96             | 30.00             | 30.96      | 36.00            |
| 5785MHz                        | Pass   | 5.00     | 22.37        | 22.90        | 25.65             | 30.00             | 30.65      | 36.00            |
| 5825MHz                        | Pass   | 5.00     | 21.66        | 22.04        | 24.86             | 30.00             | 29.86      | 36.00            |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5190MHz                        | Pass   | 5.00     | 14.65        | 14.57        | 17.62             | 23.98             | 22.62      | 30.00            |
| 5230MHz                        | Pass   | 5.00     | 18.75        | 19.07        | 21.92             | 23.98             | 26.92      | 30.00            |
| 5270MHz                        | Pass   | 5.00     | 18.72        | 18.88        | 21.81             | 23.98             | 26.81      | 30.00            |
| 5310MHz                        | Pass   | 5.00     | 16.87        | 16.63        | 19.76             | 23.98             | 24.76      | 30.00            |
| 5510MHz                        | Pass   | 5.00     | 16.66        | 16.56        | 19.62             | 23.98             | 24.62      | 30.00            |
| 5550MHz                        | Pass   | 5.00     | 19.31        | 19.43        | 22.38             | 23.98             | 27.38      | 30.00            |
| 5670MHz                        | Pass   | 5.00     | 17.28        | 18.01        | 20.67             | 23.98             | 25.67      | 30.00            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 5.00     | 19.09        | 19.51        | 22.32             | 23.98             | 27.32      | 30.00            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 5.00     | 6.98         | 7.38         | 10.19             | 30.00             | 15.19      | 36.00            |
| 5755MHz                        | Pass   | 5.00     | 21.60        | 22.40        | 25.03             | 30.00             | 30.03      | 36.00            |
| 5795MHz                        | Pass   | 5.00     | 21.52        | 22.41        | 25.00             | 30.00             | 30.00      | 36.00            |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5210MHz                        | Pass   | 5.00     | 10.43        | 10.38        | 13.42             | 23.98             | 18.42      | 30.00            |
| 5290MHz                        | Pass   | 5.00     | 12.55        | 12.81        | 15.69             | 23.98             | 20.69      | 30.00            |
| 5530MHz                        | Pass   | 5.00     | 9.63         | 9.63         | 12.64             | 23.98             | 17.64      | 30.00            |
| 5610MHz                        | Pass   | 5.00     | 17.59        | 18.19        | 20.91             | 23.98             | 25.91      | 30.00            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 5.00     | 18.98        | 19.78        | 22.41             | 23.98             | 27.41      | 30.00            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 5.00     | 3.90         | 4.70         | 7.33              | 30.00             | 12.33      | 36.00            |
| 5775MHz                        | Pass   | 5.00     | 19.02        | 19.49        | 22.27             | 30.00             | 27.27      | 36.00            |

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



802.11a\_Nss1,(6Mbps)\_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz\_TnomVnom

25/05/2021

CF  
5.71GHz

Span  
60MHz

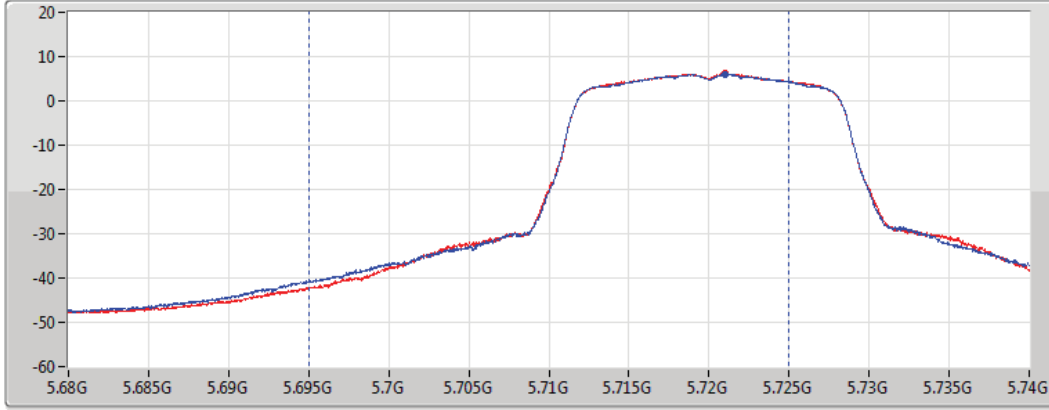
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
30MHz



Port 1

Port 2

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 18.81    | 15.74   | 15.86   |

802.11a\_Nss1,(6Mbps)\_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz\_TnomVnom

25/05/2021

CF  
5.735GHz

Span  
40MHz

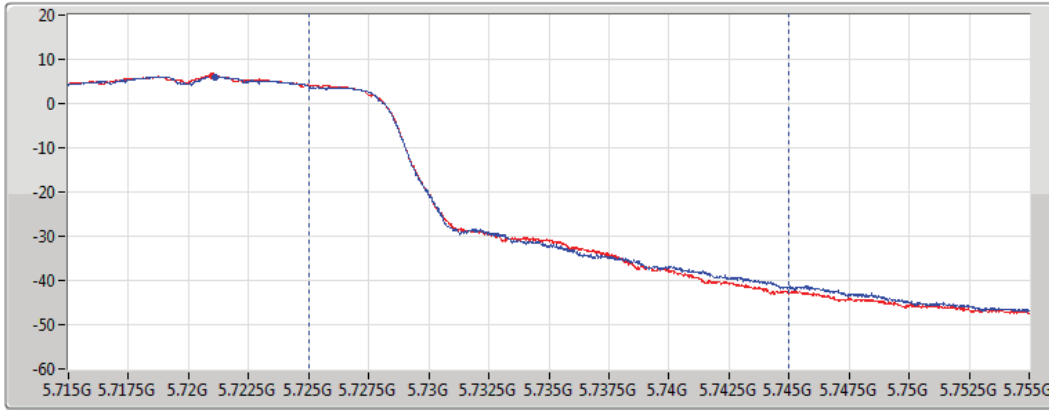
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Port 1

Port 2

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 11.14    | 8.03    | 8.23    |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### AV Power

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

25/05/2021

CF  
5.71GHz

Span  
60MHz

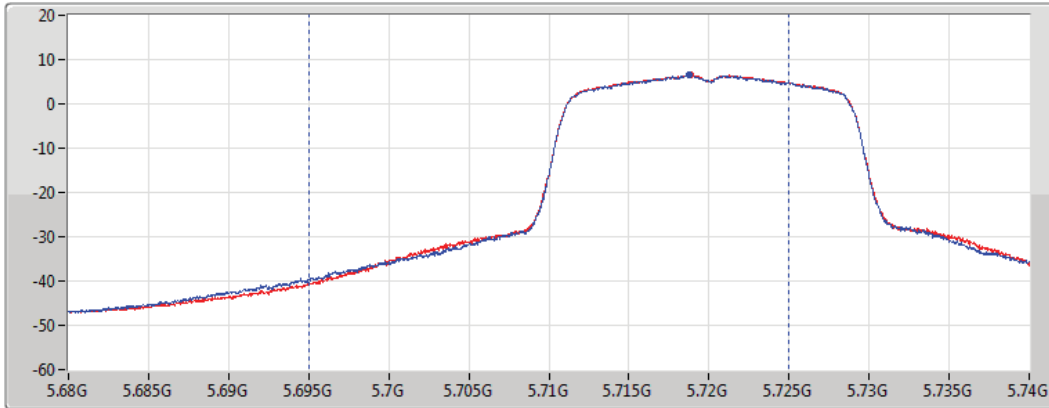
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
30MHz



Port 1

Port 2

Sum=Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 19.26    | 16.17   | 16.32   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz\_TnomVnom

25/05/2021

CF  
5.735GHz

Span  
40MHz

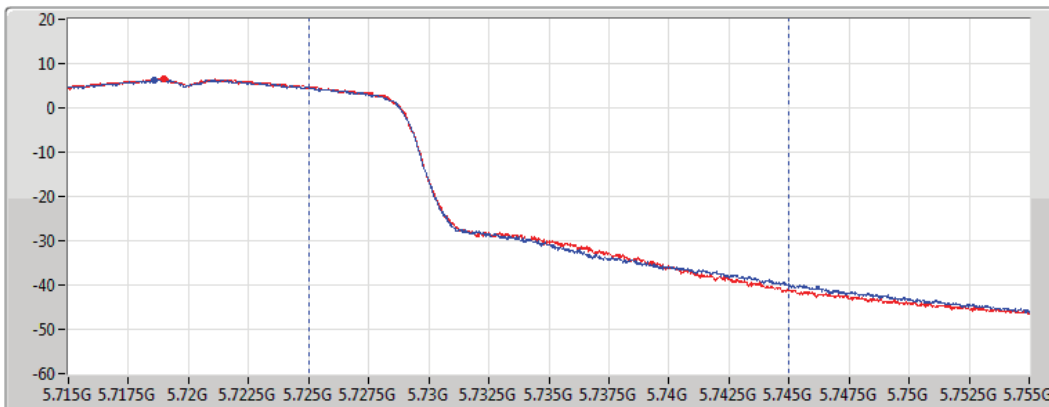
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Port 1

Port 2

Sum=Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 12.07    | 8.96    | 9.16    |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.47-5.725GHz\_TnomVnom

18/06/2021

CF  
5.69GHz

Span  
140MHz

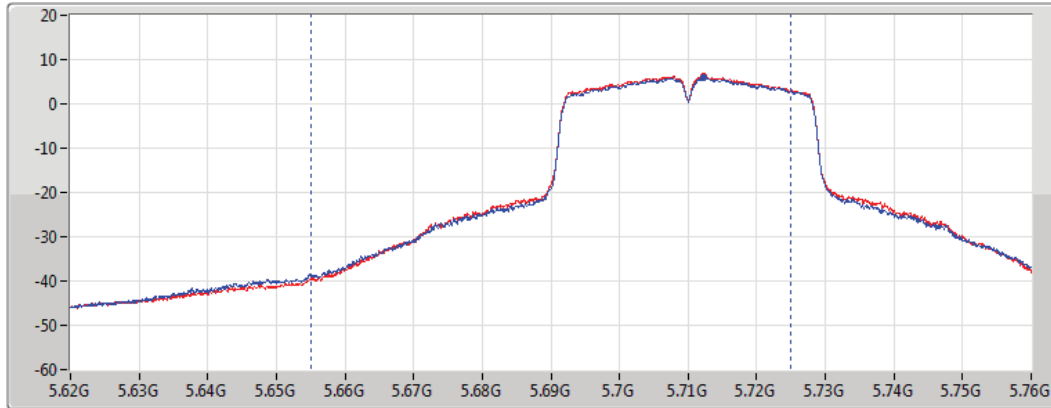
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
70MHz



Port 1

Port 2

Sum=Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 22.32    | 19.09   | 19.51   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### AV Power

#### 5710MHz Straddle 5.725-5.85GHz\_TnomVnom

18/06/2021

CF  
5.735GHz

Span  
40MHz

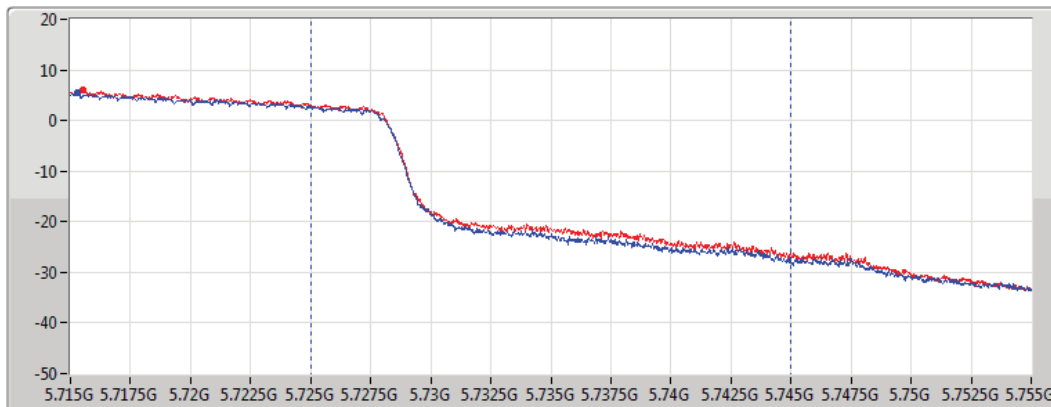
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Port 1

Port 2

Sum=Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 10.19    | 6.98    | 7.38    |



### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.47-5.725GHz\_TnomVnom

18/06/2021

CF  
5.65GHz

Span  
300MHz

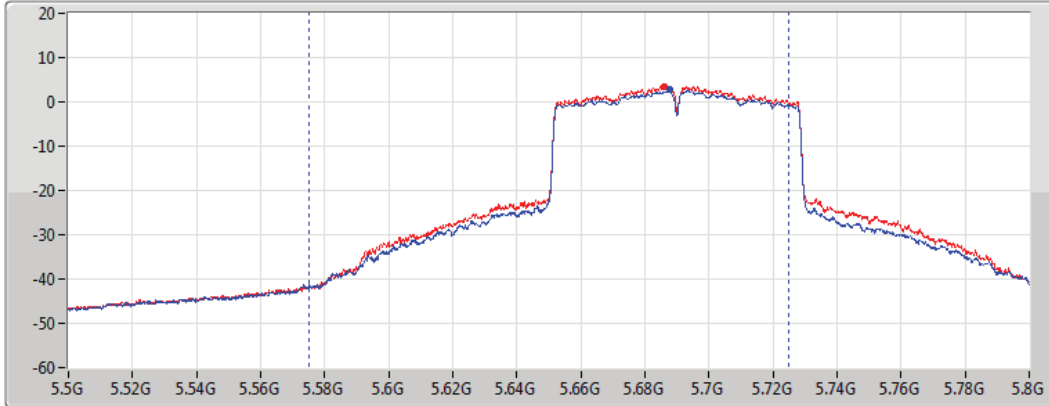
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
150MHz



Port 1

Port 2

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 22.41    | 18.98   | 19.78   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### AV Power

#### 5690MHz Straddle 5.725-5.85GHz\_TnomVnom

18/06/2021

CF  
5.735GHz

Span  
40MHz

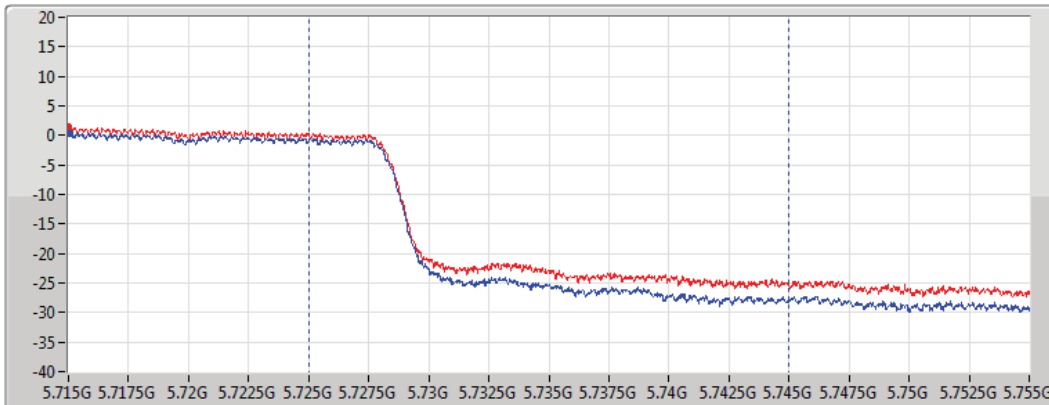
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Port 1

Port 2

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 7.33     | 3.90    | 4.70    |



Summary

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 7.68            | 15.69                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 7.83            | 15.84                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 7.85            | 15.86                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -4.26           | 3.75                 |
| 5.25-5.35GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 7.82            | 15.83                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 7.91            | 15.92                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 7.17            | 15.18                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -1.77           | 6.24                 |
| 5.47-5.725GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 7.77            | 15.78                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 7.94            | 15.95                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 7.62            | 15.63                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 4.59            | 12.60                |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 12.95           | 20.96                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 12.74           | 20.75                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 8.70            | 16.71                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 3.43            | 11.44                |

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



Result

| Mode                           | Result | DG (dBi) | Port 1 (dBm/RBW) | Port 2 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) | EIRP PD (dBm/RBW) | EIRP PD Limit (dBm/RBW) |
|--------------------------------|--------|----------|------------------|------------------|--------------|--------------------|-------------------|-------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -        | -                | -                | -            | -                  | -                 | -                       |
| 5180MHz                        | Pass   | 8.01     | 4.80             | 4.62             | 7.68         | 8.99               | 15.69             | 17.00                   |
| 5200MHz                        | Pass   | 8.01     | 4.76             | 4.60             | 7.64         | 8.99               | 15.65             | 17.00                   |
| 5240MHz                        | Pass   | 8.01     | 4.30             | 4.50             | 7.40         | 8.99               | 15.41             | 17.00                   |
| 5260MHz                        | Pass   | 8.01     | 4.24             | 4.53             | 7.36         | 8.99               | 15.37             | 17.00                   |
| 5300MHz                        | Pass   | 8.01     | 4.77             | 4.62             | 7.61         | 8.99               | 15.62             | 17.00                   |
| 5320MHz                        | Pass   | 8.01     | 4.93             | 4.71             | 7.82         | 8.99               | 15.83             | 17.00                   |
| 5500MHz                        | Pass   | 8.01     | 4.89             | 4.76             | 7.77         | 8.99               | 15.78             | 17.00                   |
| 5580MHz                        | Pass   | 8.01     | 4.42             | 4.86             | 7.61         | 8.99               | 15.62             | 17.00                   |
| 5700MHz                        | Pass   | 8.01     | 4.15             | 4.47             | 7.28         | 8.99               | 15.29             | 17.00                   |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 8.01     | 4.72             | 4.71             | 7.68         | 8.99               | 15.69             | 17.00                   |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 8.01     | 1.24             | 1.38             | 4.29         | 27.99              | 12.30             | 36.00                   |
| 5745MHz                        | Pass   | 8.01     | 9.78             | 10.26            | 12.95        | 27.99              | 20.96             | 36.00                   |
| 5785MHz                        | Pass   | 8.01     | 9.25             | 9.64             | 12.42        | 27.99              | 20.43             | 36.00                   |
| 5825MHz                        | Pass   | 8.01     | 9.37             | 9.87             | 12.63        | 27.99              | 20.64             | 36.00                   |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -        | -                | -                | -            | -                  | -                 | -                       |
| 5180MHz                        | Pass   | 8.01     | 4.14             | 3.91             | 7.04         | 8.99               | 15.05             | 17.00                   |
| 5200MHz                        | Pass   | 8.01     | 4.85             | 4.88             | 7.83         | 8.99               | 15.84             | 17.00                   |
| 5240MHz                        | Pass   | 8.01     | 4.64             | 4.93             | 7.75         | 8.99               | 15.76             | 17.00                   |
| 5260MHz                        | Pass   | 8.01     | 4.60             | 4.88             | 7.69         | 8.99               | 15.70             | 17.00                   |
| 5300MHz                        | Pass   | 8.01     | 5.06             | 4.92             | 7.91         | 8.99               | 15.92             | 17.00                   |
| 5320MHz                        | Pass   | 8.01     | 4.77             | 4.67             | 7.66         | 8.99               | 15.67             | 17.00                   |
| 5500MHz                        | Pass   | 8.01     | 4.64             | 4.53             | 7.53         | 8.99               | 15.54             | 17.00                   |
| 5580MHz                        | Pass   | 8.01     | 4.75             | 5.21             | 7.93         | 8.99               | 15.94             | 17.00                   |
| 5700MHz                        | Pass   | 8.01     | 4.17             | 4.30             | 7.19         | 8.99               | 15.20             | 17.00                   |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 8.01     | 4.96             | 5.06             | 7.94         | 8.99               | 15.95             | 17.00                   |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 8.01     | 1.67             | 1.76             | 4.73         | 27.99              | 12.74             | 36.00                   |
| 5745MHz                        | Pass   | 8.01     | 9.58             | 10.00            | 12.74        | 27.99              | 20.75             | 36.00                   |
| 5785MHz                        | Pass   | 8.01     | 9.11             | 9.71             | 12.40        | 27.99              | 20.41             | 36.00                   |
| 5825MHz                        | Pass   | 8.01     | 8.69             | 8.80             | 11.75        | 27.99              | 19.76             | 36.00                   |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -        | -                | -                | -            | -                  | -                 | -                       |
| 5190MHz                        | Pass   | 8.01     | -0.14            | -0.39            | 2.70         | 8.99               | 10.71             | 17.00                   |
| 5230MHz                        | Pass   | 8.01     | 4.67             | 5.19             | 7.85         | 8.99               | 15.86             | 17.00                   |
| 5270MHz                        | Pass   | 8.01     | 4.12             | 4.21             | 7.17         | 8.99               | 15.18             | 17.00                   |
| 5310MHz                        | Pass   | 8.01     | 1.90             | 1.75             | 4.77         | 8.99               | 12.78             | 17.00                   |
| 5510MHz                        | Pass   | 8.01     | 1.74             | 1.62             | 4.62         | 8.99               | 12.63             | 17.00                   |
| 5550MHz                        | Pass   | 8.01     | 4.61             | 4.73             | 7.62         | 8.99               | 15.63             | 17.00                   |
| 5670MHz                        | Pass   | 8.01     | 2.72             | 3.34             | 5.92         | 8.99               | 13.93             | 17.00                   |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 8.01     | 4.45             | 4.80             | 7.55         | 8.99               | 15.56             | 17.00                   |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 8.01     | -0.42            | -0.01            | 2.78         | 27.99              | 10.79             | 36.00                   |
| 5755MHz                        | Pass   | 8.01     | 5.36             | 6.10             | 8.70         | 27.99              | 16.71             | 36.00                   |
| 5795MHz                        | Pass   | 8.01     | 3.65             | 4.42             | 7.05         | 27.99              | 15.06             | 36.00                   |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -        | -                | -                | -            | -                  | -                 | -                       |
| 5210MHz                        | Pass   | 8.01     | -7.01            | -7.24            | -4.26        | 8.99               | 3.75              | 17.00                   |
| 5290MHz                        | Pass   | 8.01     | -4.80            | -4.60            | -1.77        | 8.99               | 6.24              | 17.00                   |
| 5530MHz                        | Pass   | 8.01     | -8.01            | -7.46            | -4.79        | 8.99               | 3.22              | 17.00                   |
| 5610MHz                        | Pass   | 8.01     | 0.57             | 0.81             | 3.63         | 8.99               | 11.64             | 17.00                   |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 8.01     | 1.07             | 2.20             | 4.59         | 8.99               | 12.60             | 17.00                   |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 8.01     | -3.36            | -2.29            | 0.19         | 27.99              | 8.20              | 36.00                   |
| 5775MHz                        | Pass   | 8.01     | 0.36             | 0.59             | 3.43         | 27.99              | 11.44             | 36.00                   |

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

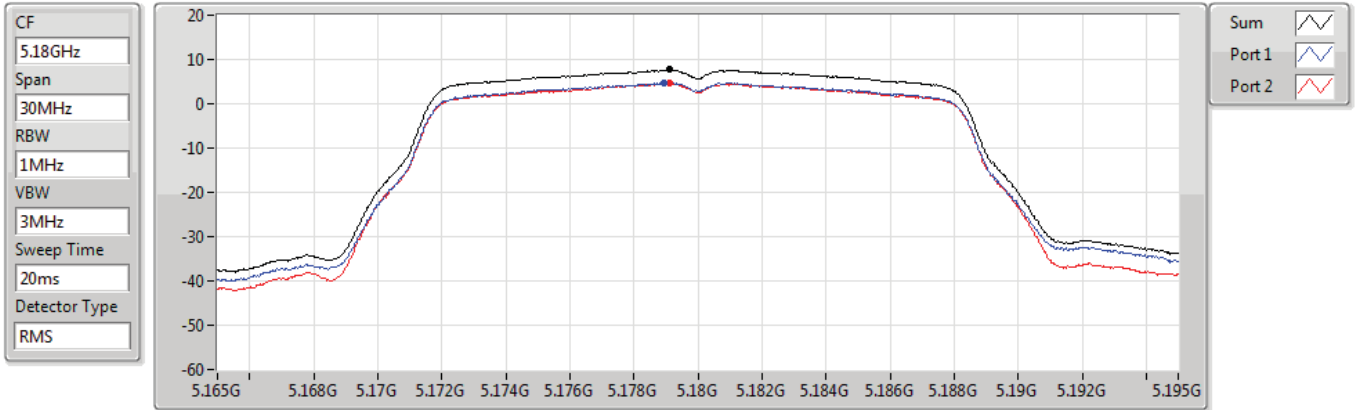


### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

#### 5180MHz

25/05/2021



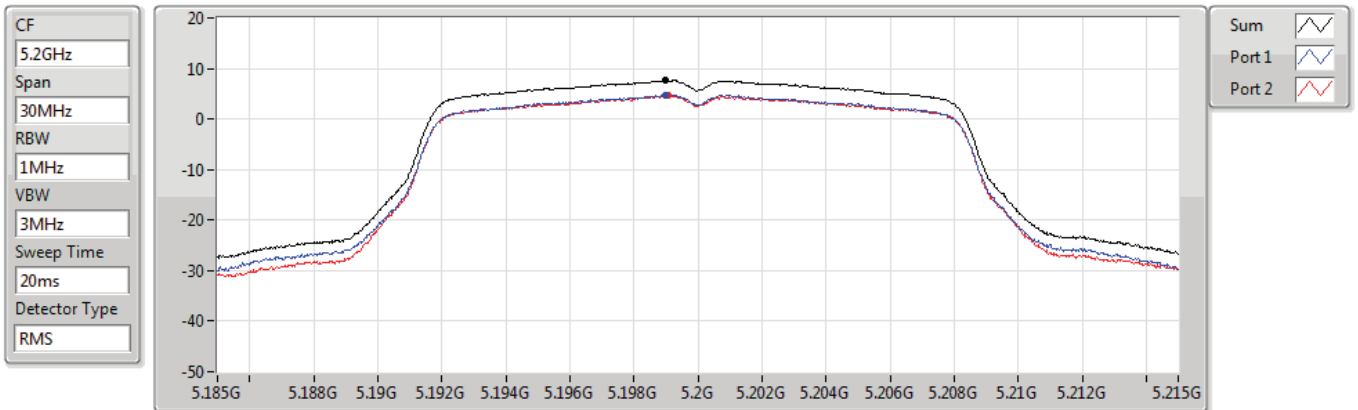
| Sum        | PD         | Port 1     | Port 2     |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 7.68       | 7.68       | 4.80       | 4.62       |

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

### PSD

#### 5200MHz

25/05/2021



| Sum        | PD         | Port 1     | Port 2     |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 7.64       | 7.64       | 4.76       | 4.60       |

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

### PSD

5240MHz

25/05/2021

CF  
5.24GHz

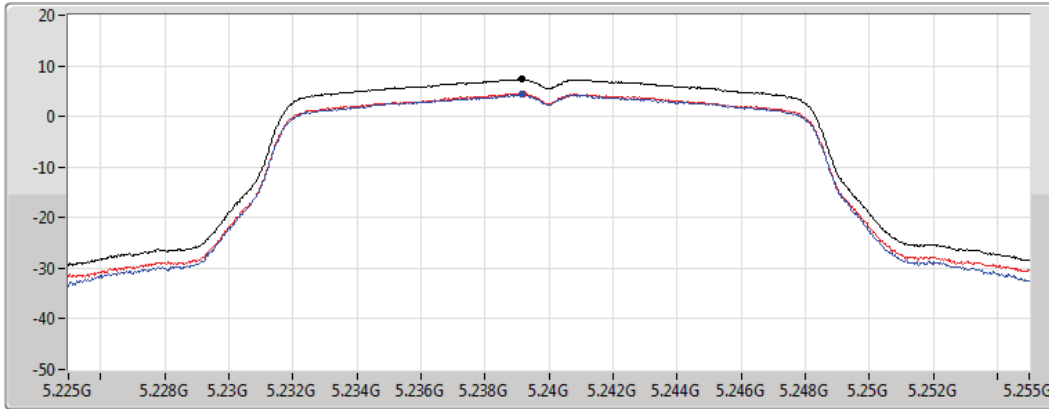
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.40      | 7.40      | 4.30      | 4.50      |

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

### PSD

5260MHz

25/05/2021

CF  
5.26GHz

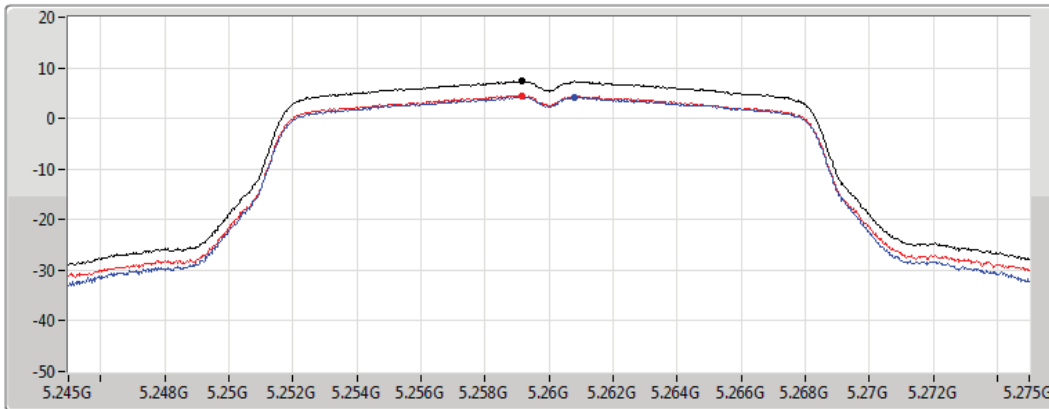
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.36      | 7.36      | 4.24      | 4.53      |

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

### PSD

5300MHz

25/05/2021

CF  
5.3GHz

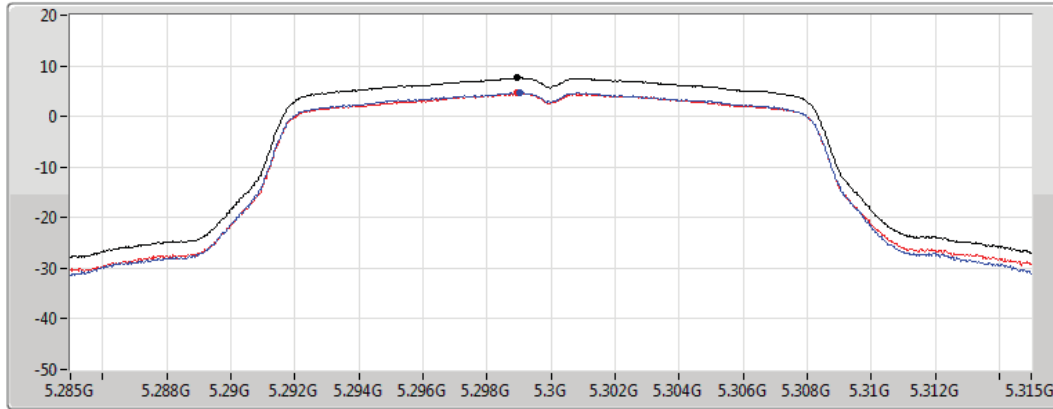
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.61      | 7.61      | 4.77      | 4.62      |

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

### PSD

5320MHz

25/05/2021

CF  
5.32GHz

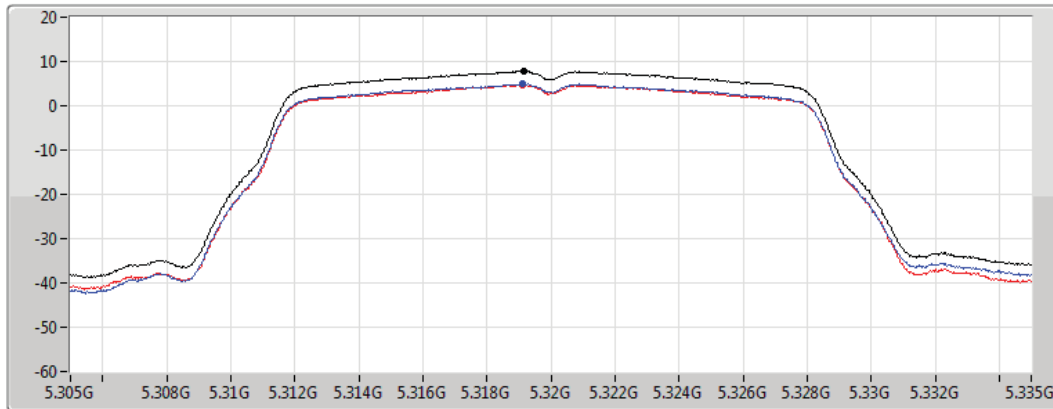
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.82      | 7.82      | 4.93      | 4.71      |

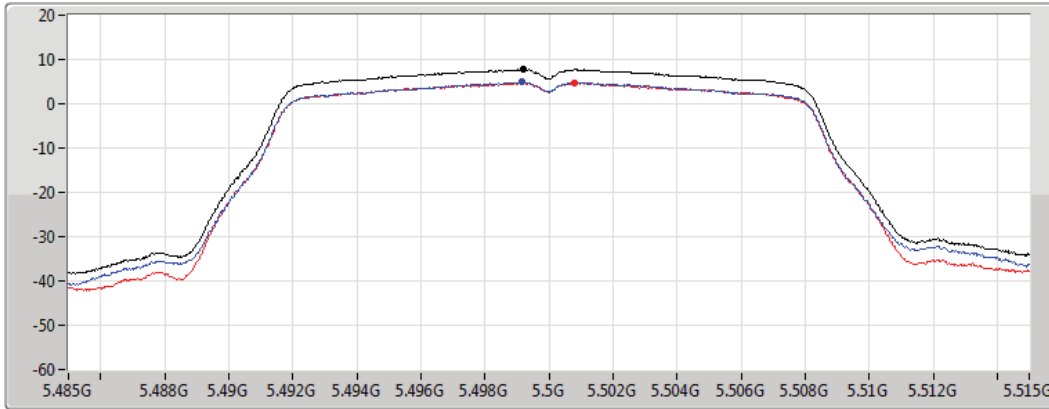
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5500MHz

27/04/2021

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.77      | 7.77      | 4.89      | 4.76      |

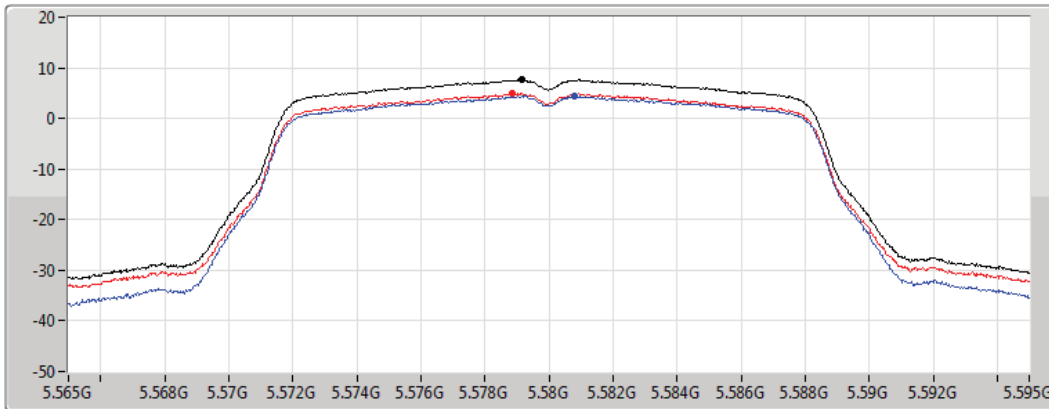
### 802.11a\_Nss1,(6Mbps)\_2TX

### PSD

5580MHz

25/05/2021

CF  
5.58GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.61      | 7.61      | 4.42      | 4.86      |

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

### PSD

5700MHz

17/06/2021

CF  
5.7GHz

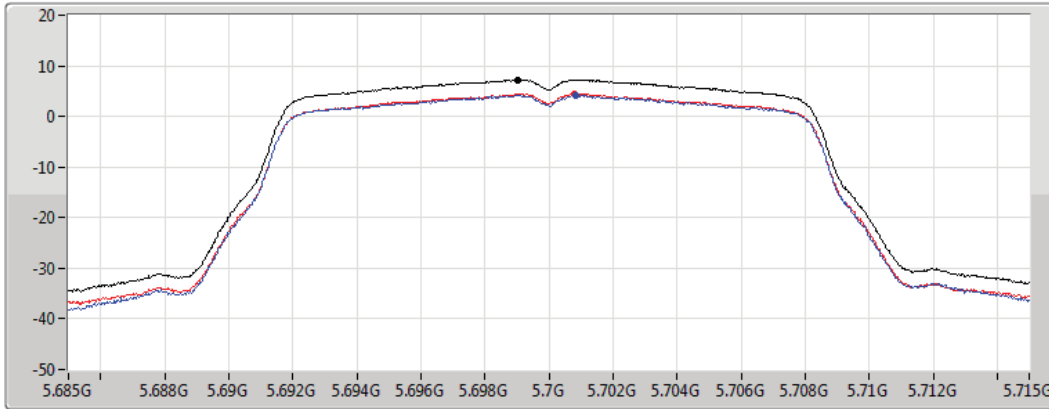
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.28      | 7.28      | 4.15      | 4.47      |

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

### PSD

5720MHz Straddle 5.47-5.725GHz

25/05/2021

CF  
5.71GHz

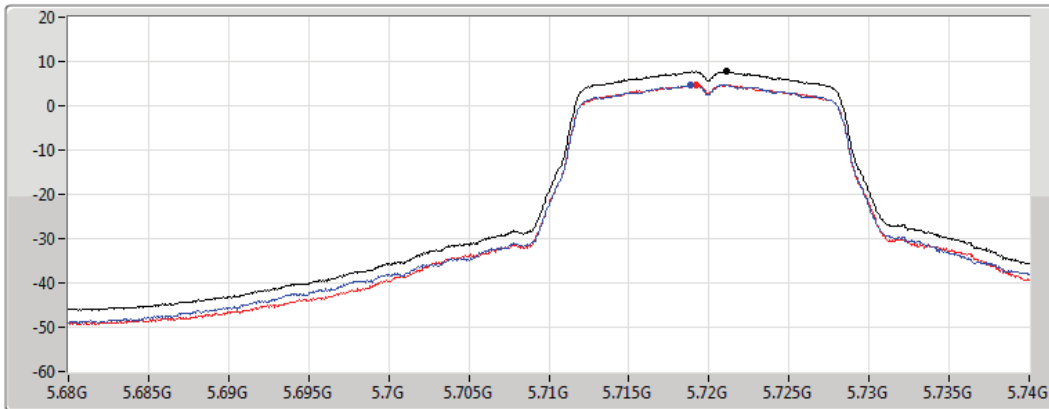
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.68      | 7.68      | 4.72      | 4.71      |

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

### PSD

#### 5720MHz Straddle 5.725-5.85GHz

25/05/2021

CF  
5.735GHz

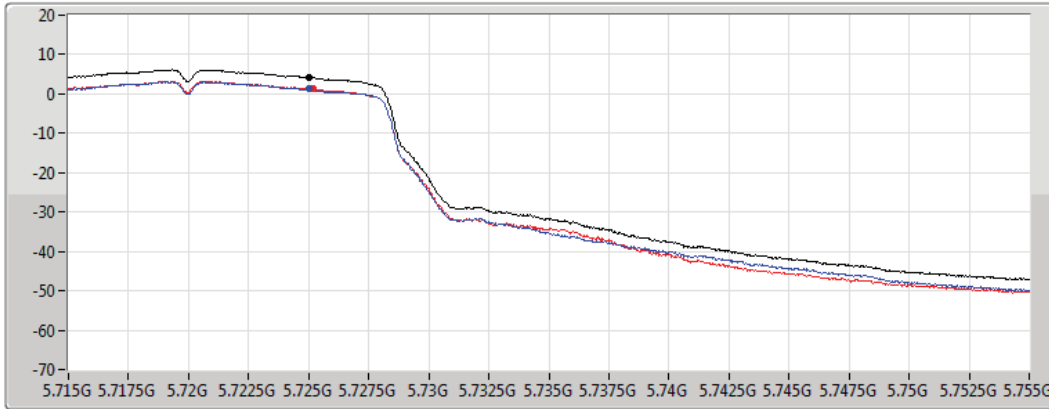
Span  
40MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.29      | 4.29      | 1.24      | 1.38      |

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

### PSD

#### 5745MHz

18/06/2021

CF  
5.745GHz

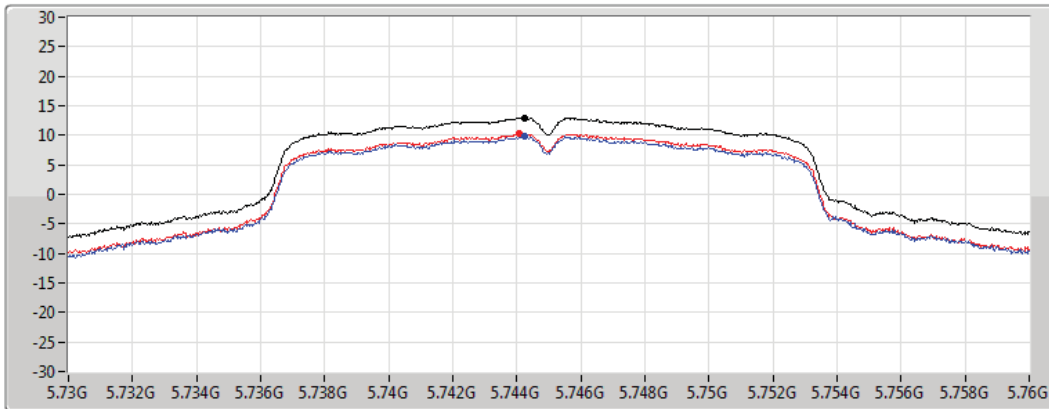
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.95     | 12.95     | 9.78      | 10.26     |

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

### PSD

5785MHz

18/06/2021

CF  
5.785GHz

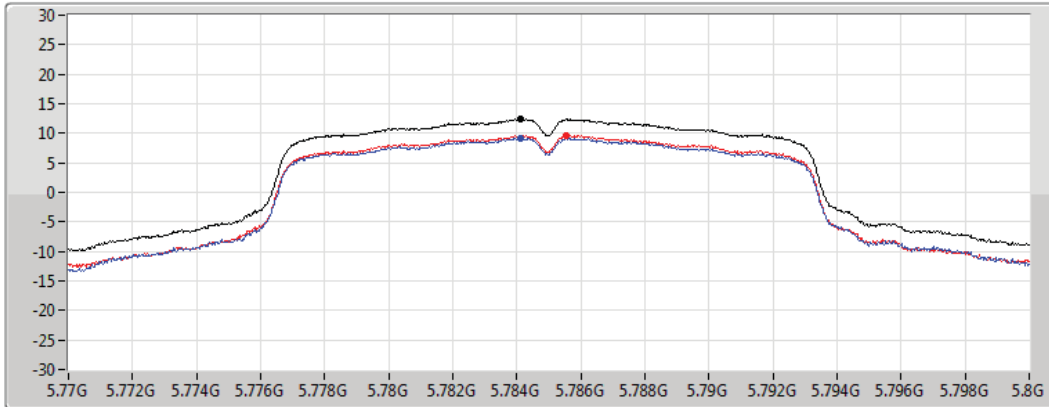
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.42     | 12.42     | 9.25      | 9.64      |

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

### PSD

5825MHz

18/06/2021

CF  
5.825GHz

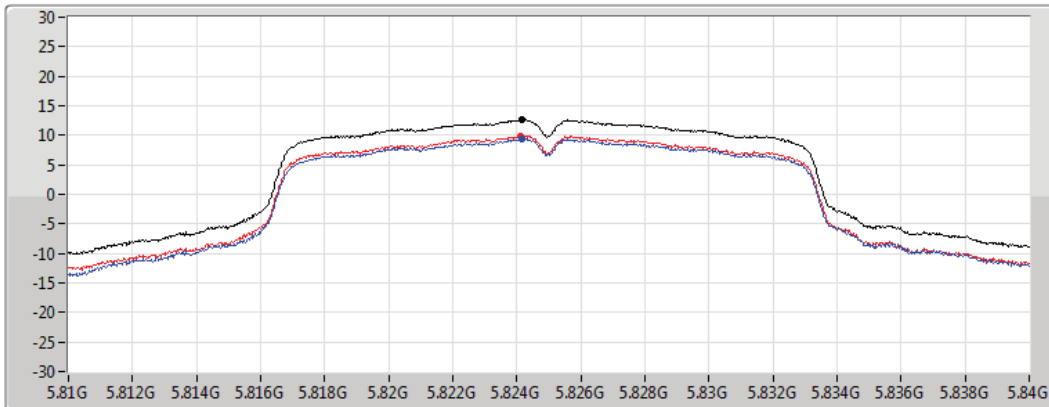
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.63     | 12.63     | 9.37      | 9.87      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5180MHz

17/06/2021

CF  
5.18GHz

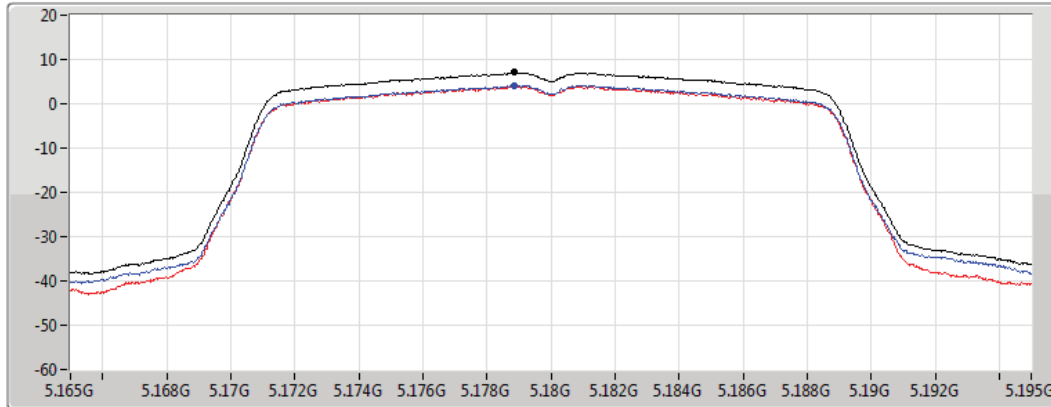
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.04      | 7.04      | 4.14      | 3.91      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5200MHz

25/05/2021

CF  
5.2GHz

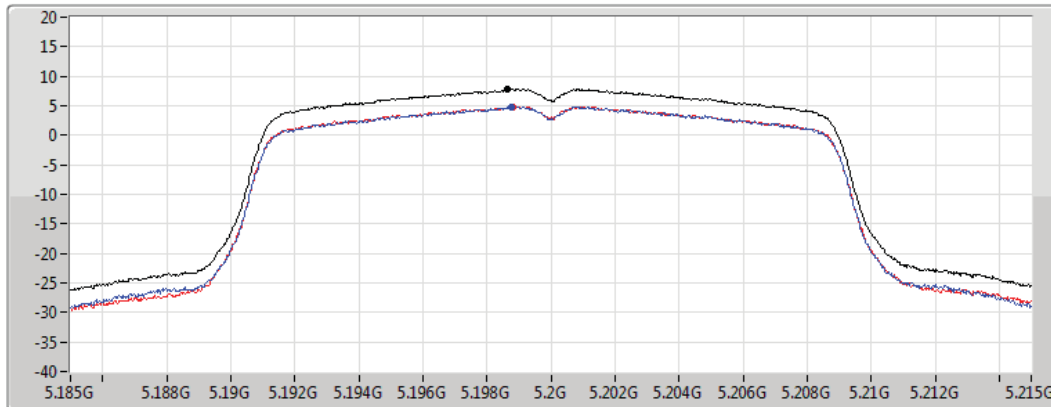
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.83      | 7.83      | 4.85      | 4.88      |



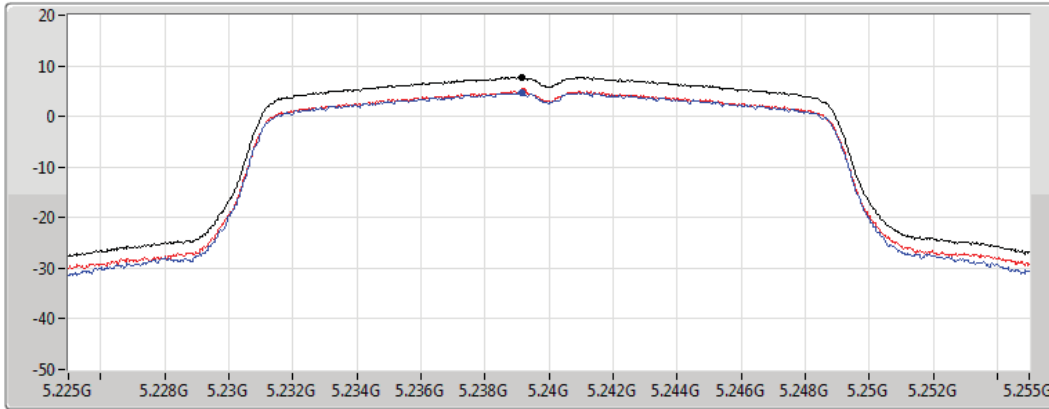
### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5240MHz

25/05/2021

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.75      | 7.75      | 4.64      | 4.93      |

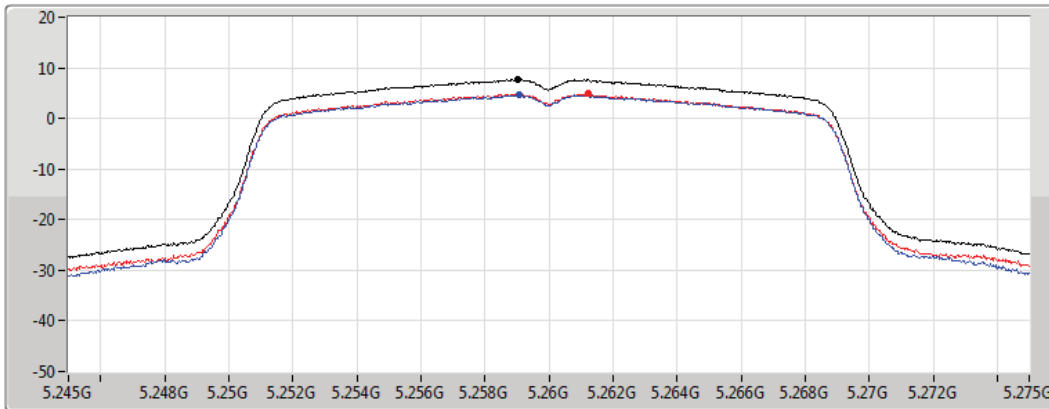
### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5260MHz

25/05/2021

CF  
5.26GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.69      | 7.69      | 4.60      | 4.88      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5300MHz

25/05/2021

CF  
5.3GHz

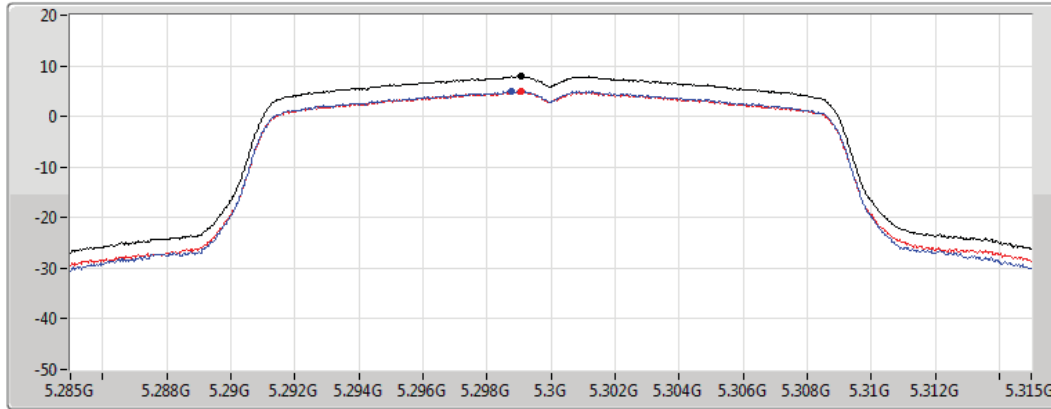
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.91      | 7.91      | 5.06      | 4.92      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5320MHz

27/04/2021

CF  
5.32GHz

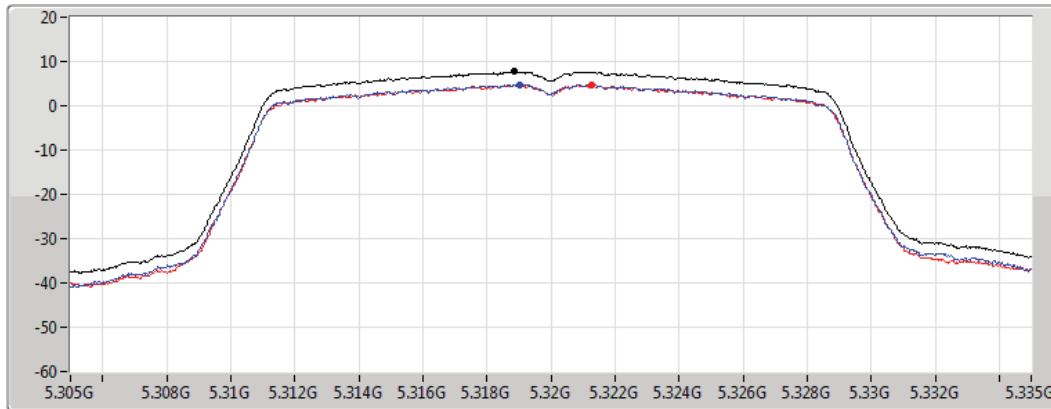
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.66      | 7.66      | 4.77      | 4.67      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5500MHz

25/05/2021

CF  
5.5GHz

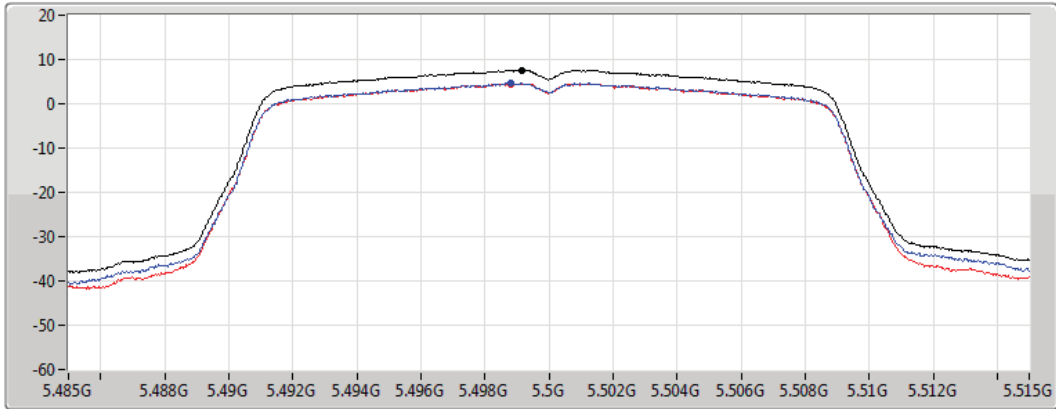
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.53      | 7.53      | 4.64      | 4.53      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5580MHz

25/05/2021

CF  
5.58GHz

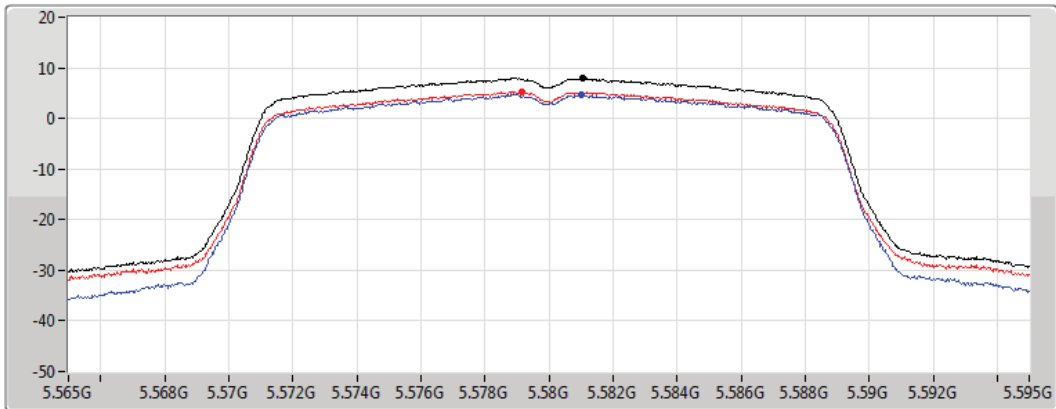
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.93      | 7.93      | 4.75      | 5.21      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5700MHz

25/05/2021

CF  
5.7GHz

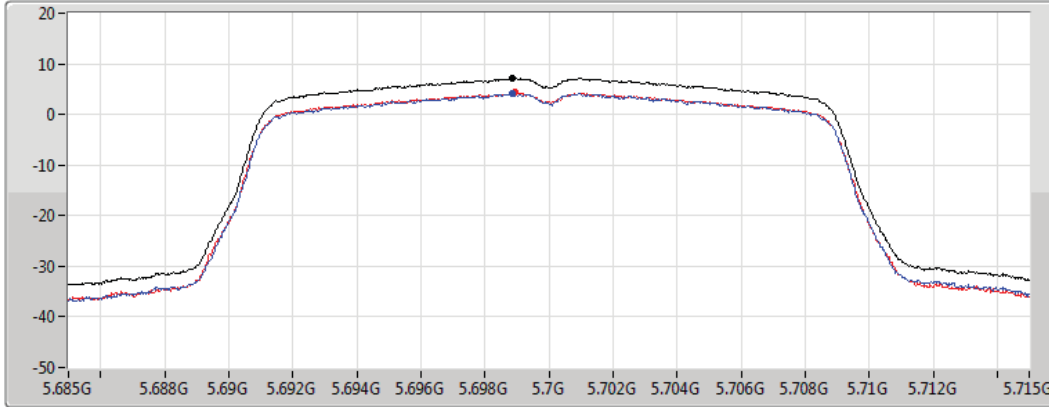
Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.19      | 7.19      | 4.17      | 4.30      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5720MHz Straddle 5.47-5.725GHz

25/05/2021

CF  
5.71GHz

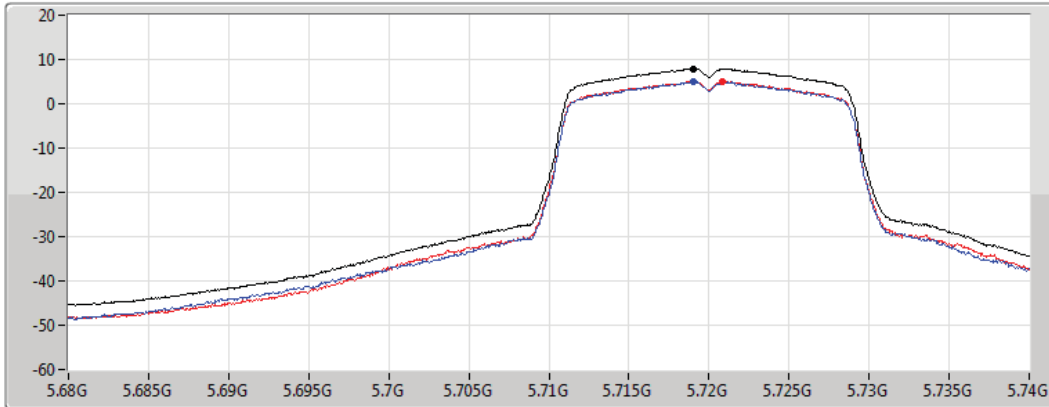
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

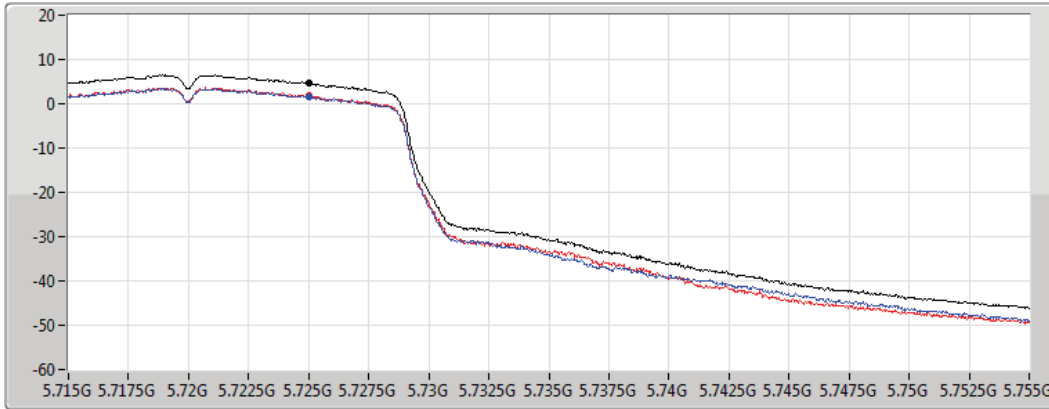
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.94      | 7.94      | 4.96      | 5.06      |

**802.11ac VHT20\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.725-5.85GHz**

**PSD**

25/05/2021

CF  
 5.735GHz  
 Span  
 40MHz  
 RBW  
 500kHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS



Sum   
 Port 1   
 Port 2

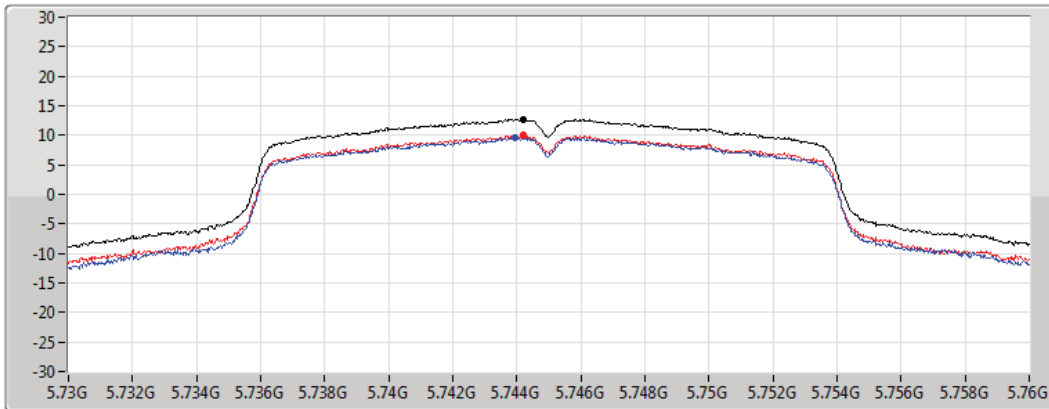
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.73      | 4.73      | 1.67      | 1.76      |

**802.11ac VHT20\_Nss1,(MCS0)\_2TX**  
**5745MHz**

**PSD**

17/06/2021

CF  
 5.745GHz  
 Span  
 30MHz  
 RBW  
 500kHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS



Sum   
 Port 1   
 Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.74     | 12.74     | 9.58      | 10.00     |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5785MHz

17/06/2021

CF  
5.785GHz

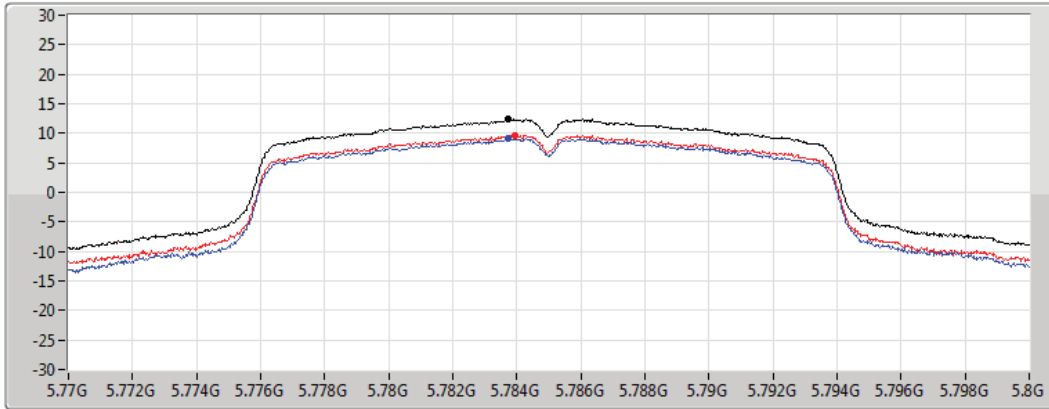
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.40     | 12.40     | 9.11      | 9.71      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5825MHz

17/06/2021

CF  
5.825GHz

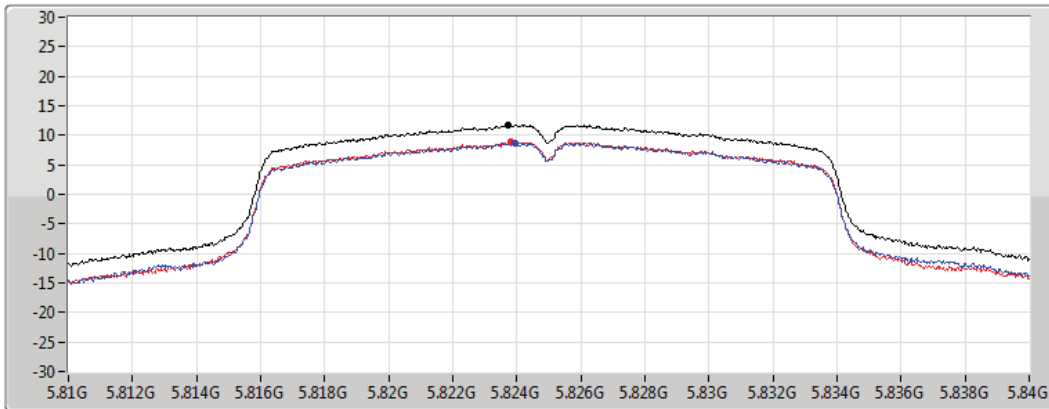
Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 11.75     | 11.75     | 8.69      | 8.80      |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

5190MHz

25/05/2021

CF  
5.19GHz

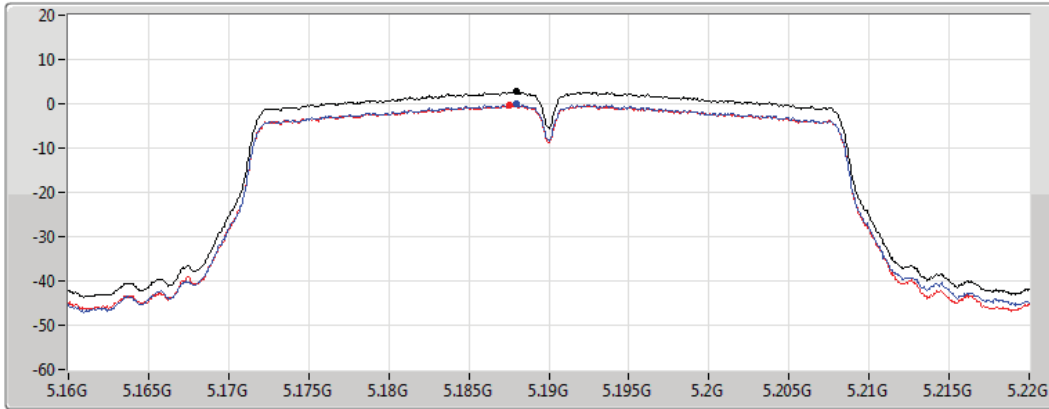
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.70      | 2.70      | -0.14     | -0.39     |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

5230MHz

27/04/2021

CF  
5.23GHz

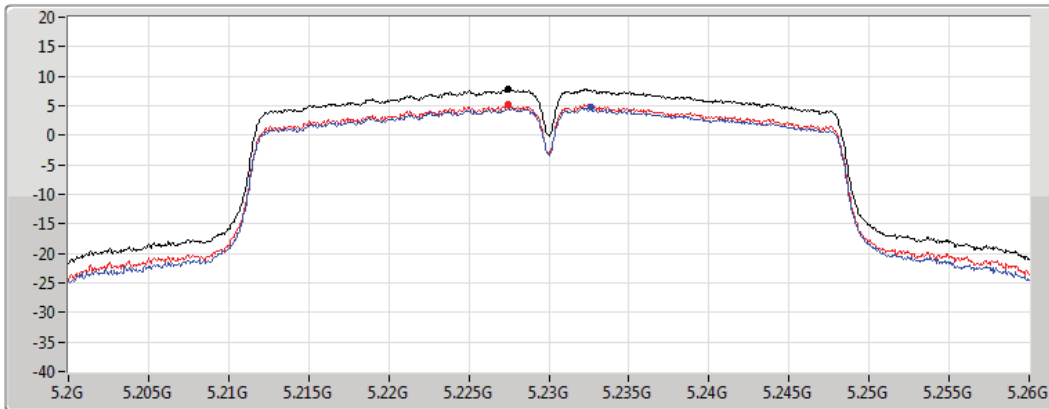
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.85      | 7.85      | 4.67      | 5.19      |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

5270MHz

25/05/2021

CF  
5.27GHz

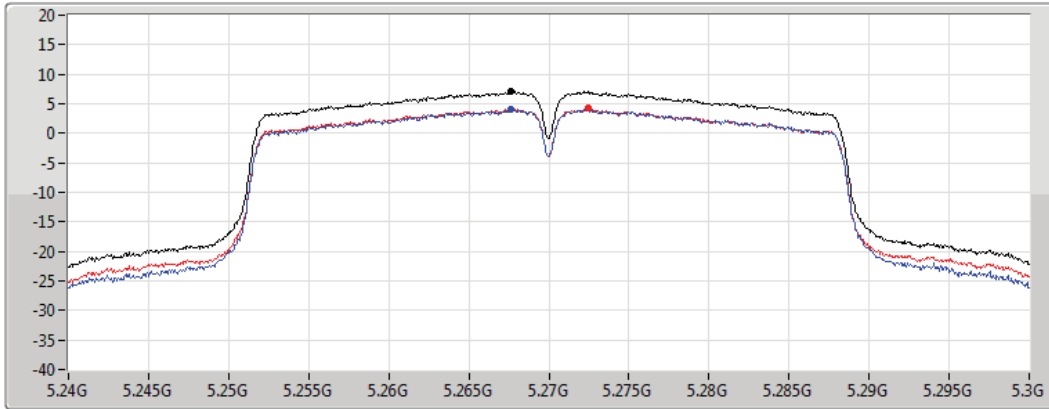
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.17      | 7.17      | 4.12      | 4.21      |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

5310MHz

18/06/2021

CF  
5.31GHz

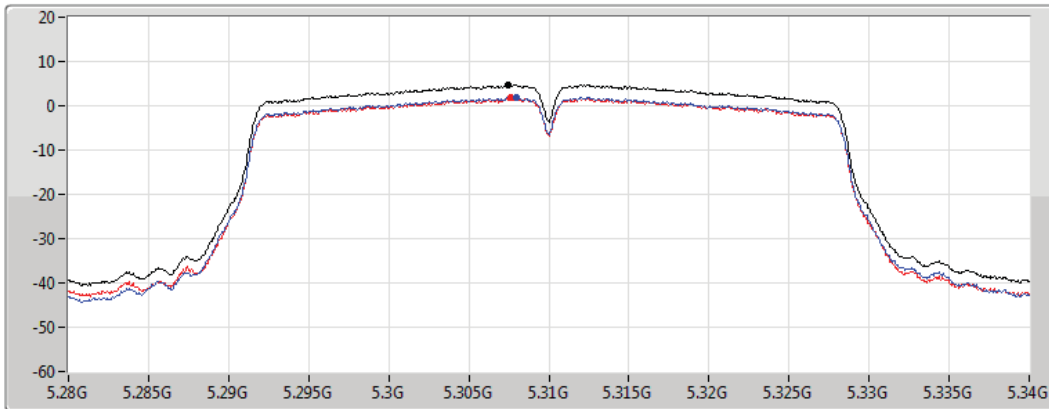
Span  
60MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.77      | 4.77      | 1.90      | 1.75      |



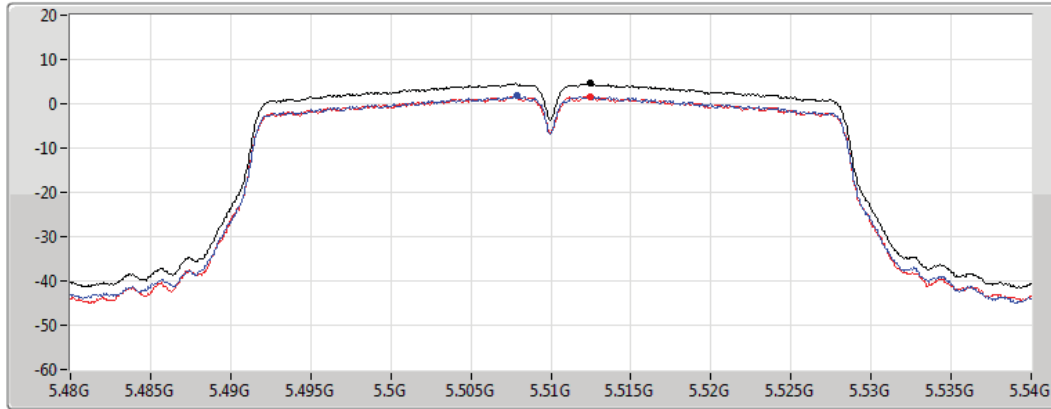
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

5510MHz

18/06/2021

CF  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.62      | 4.62      | 1.74      | 1.62      |

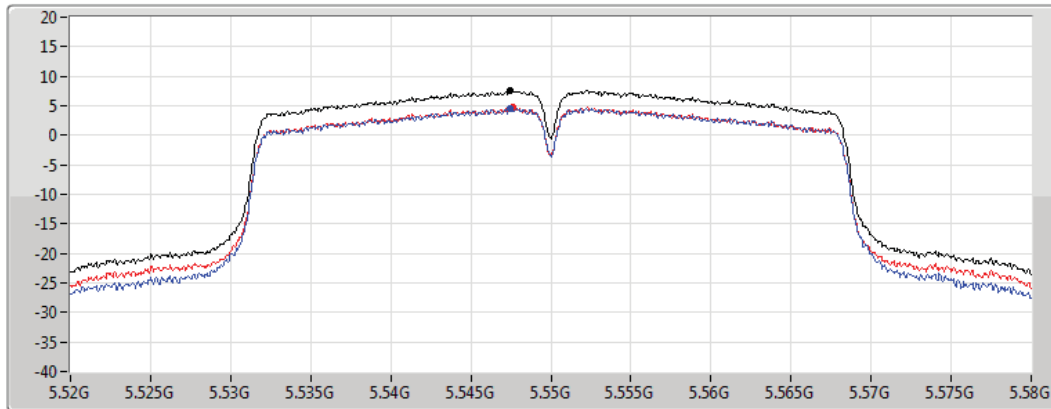
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

5550MHz

25/05/2021

CF  
5.55GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

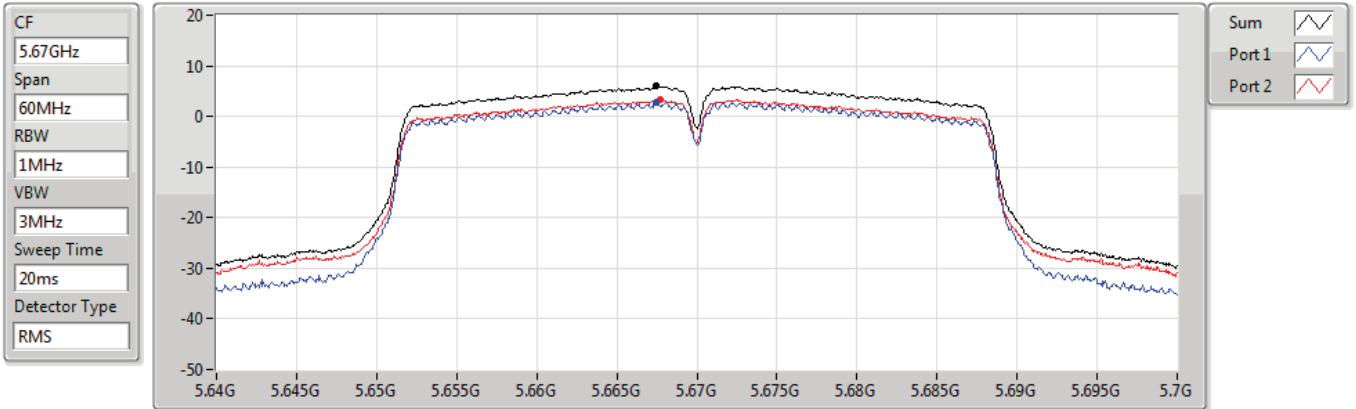
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.62      | 7.62      | 4.61      | 4.73      |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

#### 5670MHz

25/05/2021



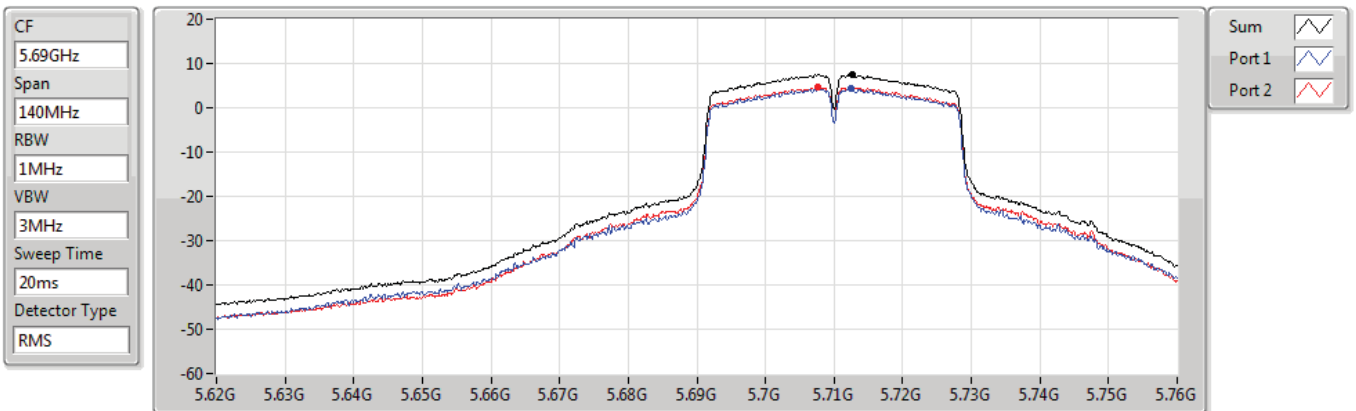
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.92      | 5.92      | 2.72      | 3.34      |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### PSD

#### 5710MHz Straddle 5.47-5.725GHz

18/06/2021



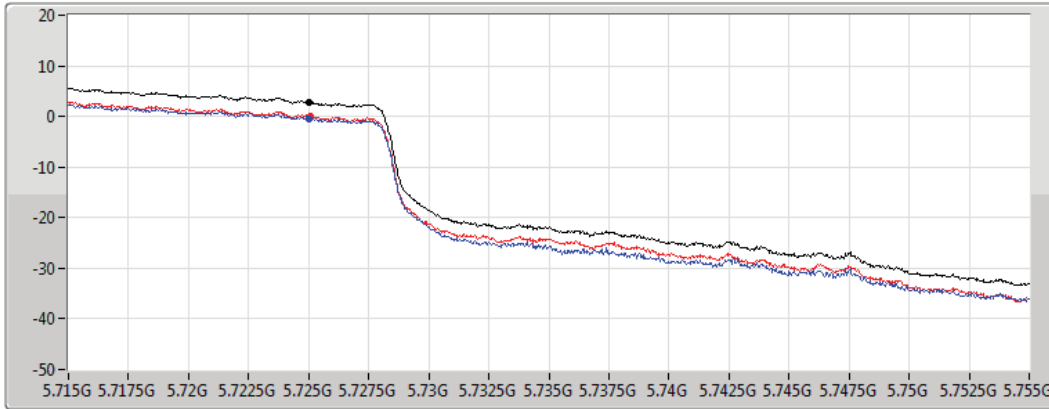
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.55      | 7.55      | 4.45      | 4.80      |

**802.11ac VHT40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.725-5.85GHz**

PSD

18/06/2021

CF  
 5.735GHz  
 Span  
 40MHz  
 RBW  
 500kHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS



Sum   
 Port 1   
 Port 2

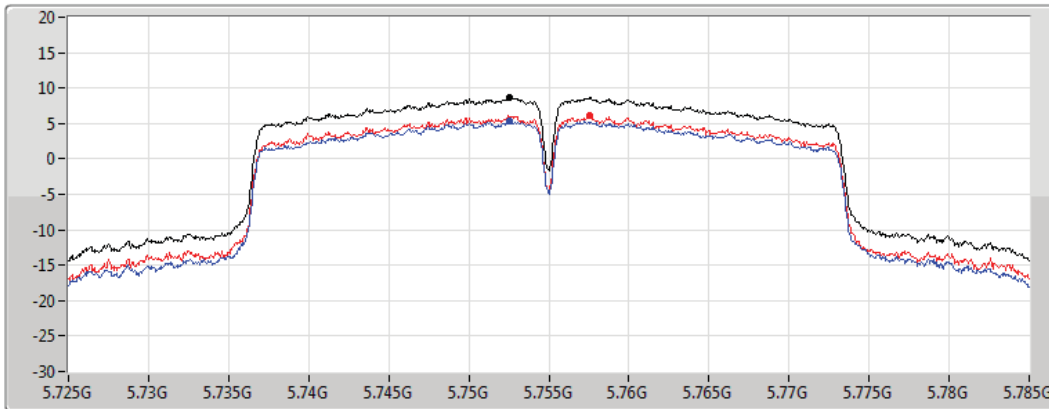
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.78      | 2.78      | -0.42     | -0.01     |

**802.11ac VHT40\_Nss1,(MCS0)\_2TX**  
**5755MHz**

PSD

18/06/2021

CF  
 5.755GHz  
 Span  
 60MHz  
 RBW  
 500kHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS



Sum   
 Port 1   
 Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.70      | 8.70      | 5.36      | 6.10      |

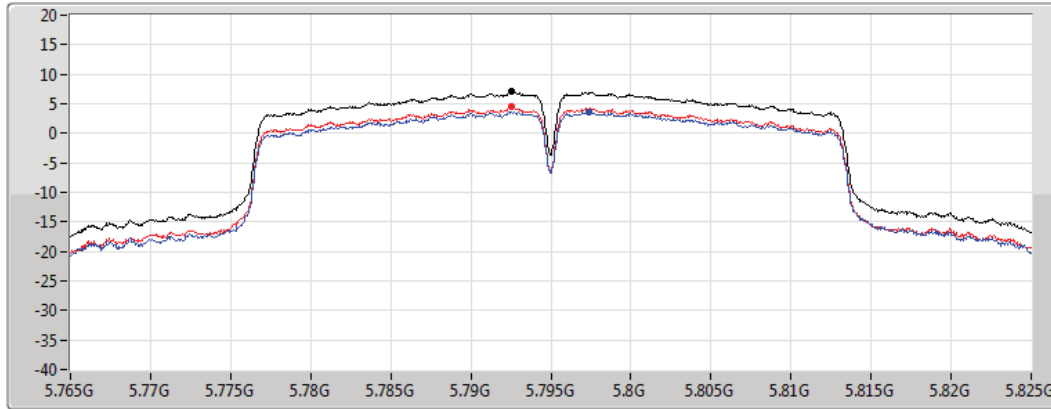
### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

PSD

5795MHz

18/06/2021

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.05      | 7.05      | 3.65      | 4.42      |

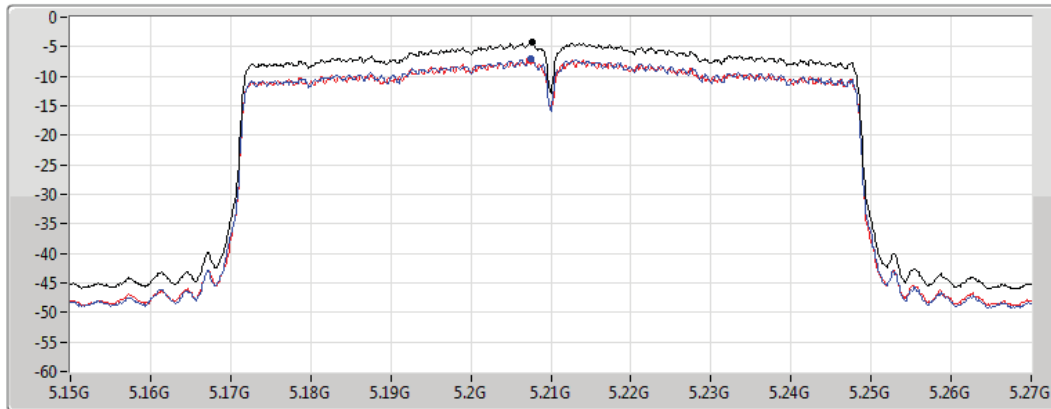
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

5210MHz

18/06/2021

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.26     | -4.26     | -7.01     | -7.24     |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

5290MHz

18/06/2021

CF  
5.29GHz

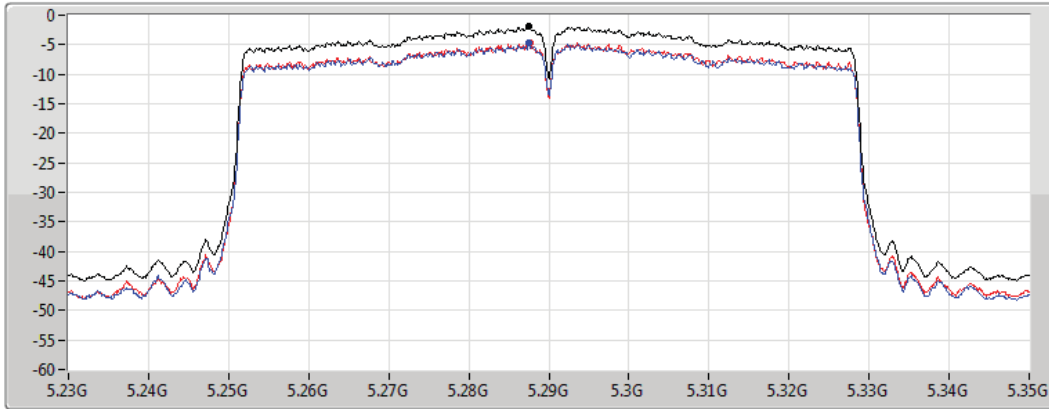
Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.77     | -1.77     | -4.80     | -4.60     |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

5530MHz

18/06/2021

CF  
5.53GHz

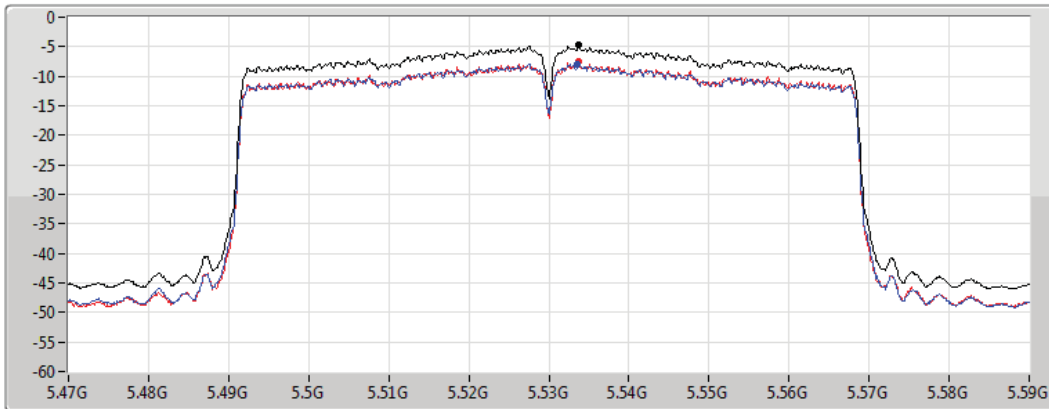
Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.79     | -4.79     | -8.01     | -7.46     |

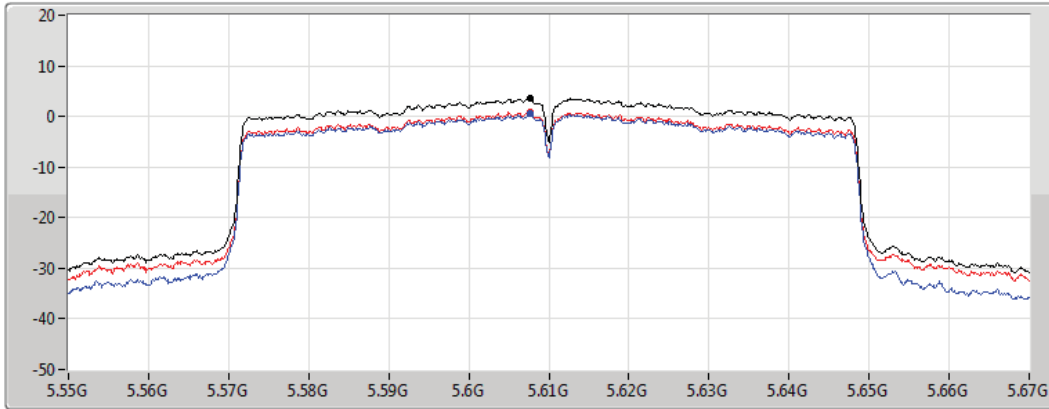
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### PSD

5610MHz

25/05/2021

CF  
5.61GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.63      | 3.63      | 0.57      | 0.81      |

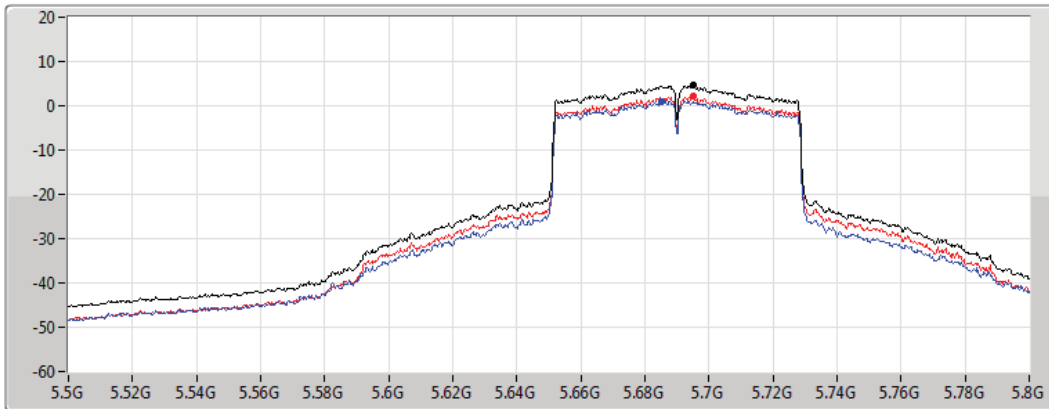
### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### PSD

5690MHz Straddle 5.47-5.725GHz

18/06/2021

CF  
5.65GHz  
Span  
300MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2

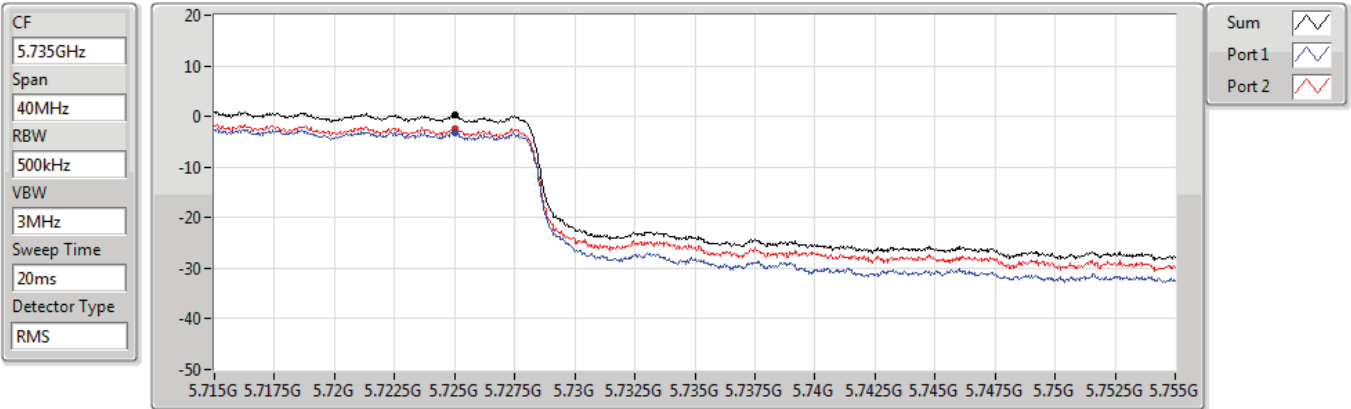
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.59      | 4.59      | 1.07      | 2.20      |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

#### 5690MHz Straddle 5.725-5.85GHz

18/06/2021



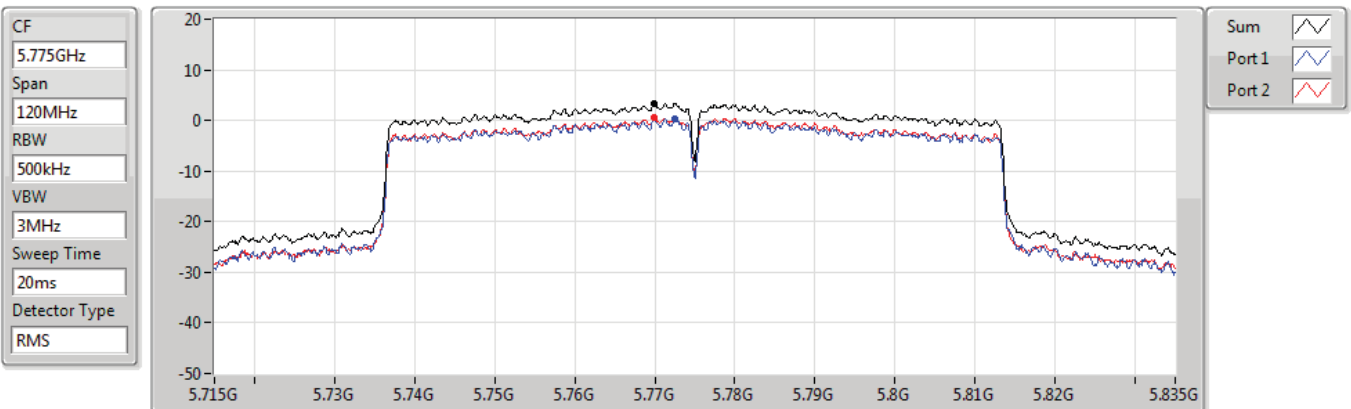
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.19      | 0.19      | -3.36     | -2.29     |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

PSD

#### 5775MHz

18/06/2021



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.43      | 3.43      | 0.36      | 0.59      |



Summary

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5.725-5.85GHz                  | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | PK   | 30M       | 27.69          | 40.00          | -12.31      | 3        | Horizontal | 360         | 1.00       | -        |





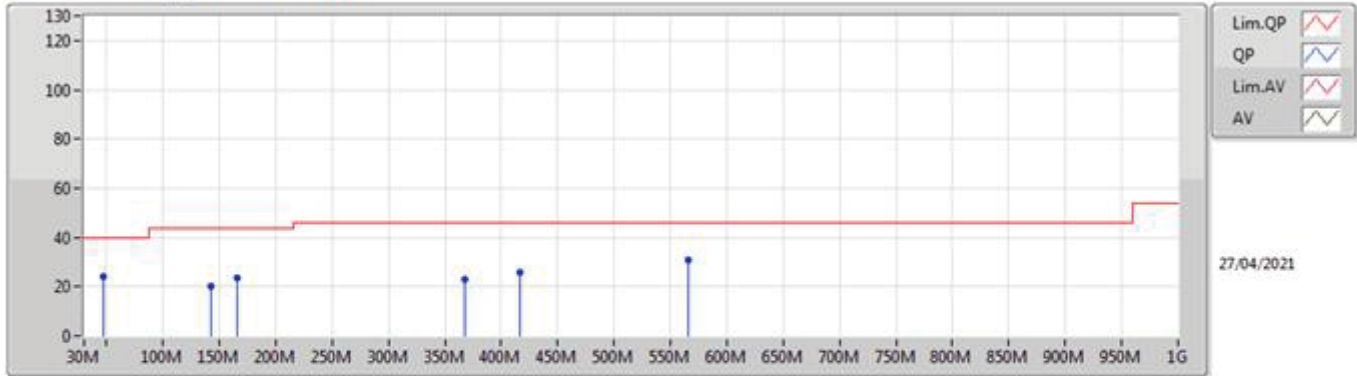
Result

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5775MHz                        | Pass   | PK   | 47.46M    | 24.25          | 40.00          | -15.75      | 3        | Vertical   | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 142.52M   | 20.36          | 43.50          | -23.14      | 3        | Vertical   | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 165.8M    | 23.75          | 43.50          | -19.75      | 3        | Vertical   | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 367.56M   | 22.75          | 46.00          | -23.25      | 3        | Vertical   | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 416.06M   | 25.74          | 46.00          | -20.26      | 3        | Vertical   | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 565.44M   | 30.75          | 46.00          | -15.25      | 3        | Vertical   | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 30M       | 27.69          | 40.00          | -12.31      | 3        | Horizontal | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 121.18M   | 18.75          | 43.50          | -24.75      | 3        | Horizontal | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 260.86M   | 21.75          | 46.00          | -24.25      | 3        | Horizontal | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 418M      | 27.16          | 46.00          | -18.84      | 3        | Horizontal | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 540.22M   | 28.78          | 46.00          | -17.22      | 3        | Horizontal | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 714.82M   | 29.85          | 46.00          | -16.15      | 3        | Horizontal | 360         | 1.00       | -        |



### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5775MHz\_Test Fixture

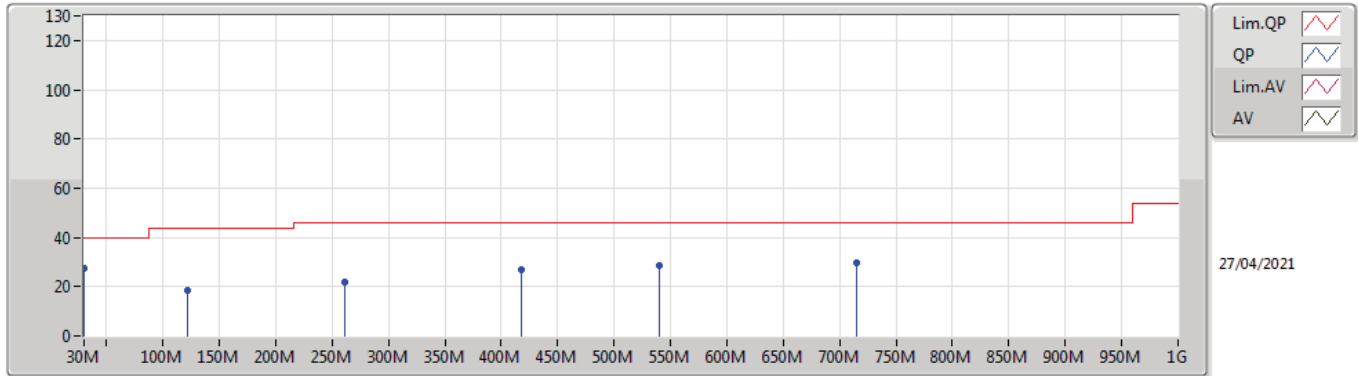


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 47.46M    | 24.25          | 40.00          | -15.75      | -12.45      | 3        | Vertical  | 0           | 1.00       | -       | 36.70      | 14.05   | 1.11    | 27.61   |
| PK   | 142.52M   | 20.36          | 43.50          | -23.14      | -9.20       | 3        | Vertical  | 0           | 1.00       | -       | 29.56      | 16.06   | 2.01    | 27.27   |
| PK   | 165.8M    | 23.75          | 43.50          | -19.75      | -10.10      | 3        | Vertical  | 0           | 1.00       | -       | 33.85      | 14.92   | 2.16    | 27.18   |
| PK   | 367.56M   | 22.75          | 46.00          | -23.25      | -3.78       | 3        | Vertical  | 0           | 1.00       | -       | 26.53      | 19.96   | 3.33    | 27.07   |
| PK   | 416.06M   | 25.74          | 46.00          | -20.26      | -2.05       | 3        | Vertical  | 0           | 1.00       | -       | 27.79      | 21.84   | 3.52    | 27.41   |
| PK   | 565.44M   | 30.75          | 46.00          | -15.25      | 0.11        | 3        | Vertical  | 0           | 1.00       | -       | 30.64      | 24.04   | 4.18    | 28.11   |



### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

#### 5775MHz\_Test Fixture



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 30M       | 27.69          | 40.00          | -12.31      | -3.23       | 3        | Horizontal | 360         | 1.00       | -       | 30.92      | 23.51   | 0.90    | 27.64   |
| PK   | 121.18M   | 18.75          | 43.50          | -24.75      | -7.89       | 3        | Horizontal | 360         | 1.00       | -       | 26.64      | 17.57   | 1.90    | 27.36   |
| PK   | 260.86M   | 21.75          | 46.00          | -24.25      | -5.13       | 3        | Horizontal | 360         | 1.00       | -       | 26.88      | 18.89   | 2.72    | 26.74   |
| PK   | 418M      | 27.16          | 46.00          | -18.84      | -2.13       | 3        | Horizontal | 360         | 1.00       | -       | 29.29      | 21.77   | 3.53    | 27.43   |
| PK   | 540.22M   | 28.78          | 46.00          | -17.22      | 0.38        | 3        | Horizontal | 360         | 1.00       | -       | 28.40      | 24.39   | 4.04    | 28.05   |
| PK   | 714.82M   | 29.85          | 46.00          | -16.15      | 1.33        | 3        | Horizontal | 360         | 1.00       | -       | 28.52      | 24.68   | 4.68    | 28.03   |



Summary

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|-----------|-------------|------------|----------|
| 5.15-5.25GHz                   | -      | -    | -         | -              | -              | -           | -        | -         | -           | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | AV   | 5.15G     | 52.09          | 54.00          | -1.91       | 3        | Vertical  | 16          | 1.69       | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass   | AV   | 5.15G     | 52.29          | 54.00          | -1.71       | 3        | Vertical  | 267         | 1.98       | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass   | AV   | 5.1496G   | 52.41          | 54.00          | -1.59       | 3        | Vertical  | 319         | 1.93       | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.137G    | 51.94          | 54.00          | -2.06       | 3        | Vertical  | 322         | 1.50       | -        |
| 5.25-5.35GHz                   | -      | -    | -         | -              | -              | -           | -        | -         | -           | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | AV   | 5.3516G   | 52.41          | 54.00          | -1.59       | 3        | Vertical  | 243         | 1.39       | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass   | AV   | 5.3504G   | 52.28          | 54.00          | -1.72       | 3        | Vertical  | 258         | 1.85       | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass   | AV   | 5.3528G   | 52.34          | 54.00          | -1.66       | 3        | Vertical  | 12          | 1.50       | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.354G    | 52.30          | 54.00          | -1.70       | 3        | Vertical  | 17          | 1.82       | -        |
| 5.47-5.725GHz                  | -      | -    | -         | -              | -              | -           | -        | -         | -           | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | PK   | 5.7276G   | 66.20          | 68.20          | -2.00       | 3        | Vertical  | 336         | 1.48       | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass   | PK   | 5.7256G   | 66.22          | 68.20          | -1.98       | 3        | Vertical  | 330         | 1.72       | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass   | PK   | 5.858G    | 66.56          | 68.20          | -1.64       | 3        | Vertical  | 134         | 1.67       | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.457G    | 51.98          | 54.00          | -2.02       | 3        | Vertical  | 242         | 1.78       | -        |
| 5.725-5.85GHz                  | -      | -    | -         | -              | -              | -           | -        | -         | -           | -          | -        |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | PK   | 5.583G    | 66.53          | 68.20          | -1.67       | 3        | Vertical  | 267         | 1.92       | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass   | PK   | 17.47626G | 64.56          | 68.20          | -3.64       | 3        | Vertical  | 219         | 2.19       | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass   | PK   | 5.6482G   | 66.47          | 68.20          | -1.73       | 3        | Vertical  | 221         | 1.84       | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | PK   | 5.649G    | 64.53          | 68.20          | -3.67       | 3        | Vertical  | 221         | 1.90       | -        |



Result

| Mode                     | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11a_Nss1_(6Mbps)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5180MHz                  | Pass   | AV   | 5.1494G   | 51.24          | 54.00          | -2.76       | 3        | Vertical   | 317         | 2.01       | -        |
| 5180MHz                  | Pass   | AV   | 5.1792G   | 109.31         | Inf            | -Inf        | 3        | Vertical   | 317         | 2.01       | -        |
| 5180MHz                  | Pass   | PK   | 5.1498G   | 66.04          | 74.00          | -7.96       | 3        | Vertical   | 317         | 2.01       | -        |
| 5180MHz                  | Pass   | PK   | 5.1792G   | 117.51         | Inf            | -Inf        | 3        | Vertical   | 317         | 2.01       | -        |
| 5180MHz                  | Pass   | AV   | 15.54068G | 44.89          | 54.00          | -9.11       | 3        | Vertical   | 318         | 1.50       | -        |
| 5180MHz                  | Pass   | PK   | 10.36064G | 58.42          | 68.20          | -9.78       | 3        | Vertical   | 360         | 1.00       | -        |
| 5180MHz                  | Pass   | PK   | 15.53856G | 56.89          | 74.00          | -17.11      | 3        | Vertical   | 318         | 1.50       | -        |
| 5180MHz                  | Pass   | AV   | 15.54876G | 44.74          | 54.00          | -9.26       | 3        | Horizontal | 179         | 1.11       | -        |
| 5180MHz                  | Pass   | PK   | 10.36576G | 55.91          | 68.20          | -12.29      | 3        | Horizontal | 360         | 1.39       | -        |
| 5180MHz                  | Pass   | PK   | 15.53016G | 57.53          | 74.00          | -16.47      | 3        | Horizontal | 179         | 1.11       | -        |
| 5200MHz                  | Pass   | AV   | 5.15G     | 52.09          | 54.00          | -1.91       | 3        | Vertical   | 16          | 1.69       | -        |
| 5200MHz                  | Pass   | AV   | 5.2008G   | 112.51         | Inf            | -Inf        | 3        | Vertical   | 16          | 1.69       | -        |
| 5200MHz                  | Pass   | PK   | 5.1496G   | 64.83          | 74.00          | -9.17       | 3        | Vertical   | 16          | 1.69       | -        |
| 5200MHz                  | Pass   | PK   | 5.2008G   | 120.61         | Inf            | -Inf        | 3        | Vertical   | 16          | 1.69       | -        |
| 5200MHz                  | Pass   | AV   | 15.59724G | 45.56          | 54.00          | -8.44       | 3        | Vertical   | 231         | 2.41       | -        |
| 5200MHz                  | Pass   | PK   | 10.39984G | 64.85          | 68.20          | -3.35       | 3        | Vertical   | 236         | 1.97       | -        |
| 5200MHz                  | Pass   | PK   | 15.60572G | 57.54          | 74.00          | -16.46      | 3        | Vertical   | 231         | 2.41       | -        |
| 5200MHz                  | Pass   | AV   | 15.6006G  | 44.93          | 54.00          | -9.07       | 3        | Horizontal | 199         | 1.50       | -        |
| 5200MHz                  | Pass   | PK   | 10.40184G | 59.09          | 68.20          | -9.11       | 3        | Horizontal | 164         | 1.01       | -        |
| 5200MHz                  | Pass   | PK   | 15.60152G | 56.84          | 74.00          | -17.16      | 3        | Horizontal | 199         | 1.50       | -        |
| 5240MHz                  | Pass   | AV   | 5.1428G   | 46.86          | 54.00          | -7.14       | 3        | Vertical   | 12          | 1.49       | -        |
| 5240MHz                  | Pass   | AV   | 5.2376G   | 114.10         | Inf            | -Inf        | 3        | Vertical   | 12          | 1.49       | -        |
| 5240MHz                  | Pass   | AV   | 5.3522G   | 45.53          | 54.00          | -8.47       | 3        | Vertical   | 12          | 1.49       | -        |
| 5240MHz                  | Pass   | PK   | 5.1422G   | 58.94          | 74.00          | -15.06      | 3        | Vertical   | 12          | 1.49       | -        |
| 5240MHz                  | Pass   | PK   | 5.2388G   | 122.58         | Inf            | -Inf        | 3        | Vertical   | 12          | 1.49       | -        |
| 5240MHz                  | Pass   | PK   | 5.3804G   | 55.59          | 74.00          | -18.41      | 3        | Vertical   | 12          | 1.49       | -        |
| 5240MHz                  | Pass   | AV   | 15.72136G | 47.02          | 54.00          | -6.98       | 3        | Vertical   | 143         | 2.13       | -        |
| 5240MHz                  | Pass   | PK   | 10.47836G | 64.57          | 68.20          | -3.63       | 3        | Vertical   | 236         | 1.94       | -        |
| 5240MHz                  | Pass   | PK   | 15.71652G | 58.97          | 74.00          | -15.03      | 3        | Vertical   | 143         | 2.13       | -        |
| 5240MHz                  | Pass   | AV   | 15.72712G | 44.73          | 54.00          | -9.27       | 3        | Horizontal | 284         | 2.97       | -        |
| 5240MHz                  | Pass   | PK   | 10.47864G | 57.58          | 68.20          | -10.62      | 3        | Horizontal | 311         | 1.30       | -        |
| 5240MHz                  | Pass   | PK   | 15.71544G | 57.15          | 74.00          | -16.85      | 3        | Horizontal | 284         | 2.97       | -        |
| 5260MHz                  | Pass   | AV   | 5.15G     | 48.15          | 54.00          | -5.85       | 3        | Vertical   | 354         | 1.52       | -        |
| 5260MHz                  | Pass   | AV   | 5.2612G   | 116.02         | Inf            | -Inf        | 3        | Vertical   | 354         | 1.52       | -        |
| 5260MHz                  | Pass   | AV   | 5.3512G   | 50.84          | 54.00          | -3.16       | 3        | Vertical   | 354         | 1.52       | -        |
| 5260MHz                  | Pass   | PK   | 5.1418G   | 60.67          | 74.00          | -13.33      | 3        | Vertical   | 354         | 1.52       | -        |
| 5260MHz                  | Pass   | PK   | 5.2612G   | 125.16         | Inf            | -Inf        | 3        | Vertical   | 354         | 1.52       | -        |
| 5260MHz                  | Pass   | PK   | 5.3518G   | 67.98          | 74.00          | -6.02       | 3        | Vertical   | 354         | 1.52       | -        |
| 5260MHz                  | Pass   | AV   | 15.7758G  | 48.12          | 54.00          | -5.88       | 3        | Vertical   | 145         | 2.16       | -        |
| 5260MHz                  | Pass   | PK   | 10.51828G | 64.80          | 68.20          | -3.40       | 3        | Vertical   | 236         | 1.96       | -        |
| 5260MHz                  | Pass   | PK   | 15.77636G | 59.87          | 74.00          | -14.13      | 3        | Vertical   | 145         | 2.16       | -        |
| 5260MHz                  | Pass   | AV   | 15.78168G | 45.84          | 54.00          | -8.16       | 3        | Horizontal | 360         | 3.00       | -        |
| 5260MHz                  | Pass   | PK   | 10.52192G | 58.52          | 68.20          | -9.68       | 3        | Horizontal | 191         | 2.82       | -        |
| 5260MHz                  | Pass   | PK   | 15.7866G  | 57.94          | 74.00          | -16.06      | 3        | Horizontal | 360         | 3.00       | -        |
| 5300MHz                  | Pass   | AV   | 5.15G     | 45.38          | 54.00          | -8.62       | 3        | Vertical   | 243         | 1.39       | -        |
| 5300MHz                  | Pass   | AV   | 5.3018G   | 113.16         | Inf            | -Inf        | 3        | Vertical   | 243         | 1.39       | -        |
| 5300MHz                  | Pass   | AV   | 5.3516G   | 52.41          | 54.00          | -1.59       | 3        | Vertical   | 243         | 1.39       | -        |
| 5300MHz                  | Pass   | PK   | 5.15G     | 55.66          | 74.00          | -18.34      | 3        | Vertical   | 243         | 1.39       | -        |
| 5300MHz                  | Pass   | PK   | 5.2976G   | 121.67         | Inf            | -Inf        | 3        | Vertical   | 243         | 1.39       | -        |
| 5300MHz                  | Pass   | PK   | 5.3522G   | 65.95          | 74.00          | -8.05       | 3        | Vertical   | 243         | 1.39       | -        |
| 5300MHz                  | Pass   | AV   | 15.9G     | 44.74          | 54.00          | -9.26       | 3        | Vertical   | 205         | 1.49       | -        |
| 5300MHz                  | Pass   | PK   | 10.5964G  | 60.25          | 68.20          | -7.95       | 3        | Vertical   | 334         | 2.02       | -        |
| 5300MHz                  | Pass   | PK   | 15.89508G | 57.15          | 74.00          | -16.85      | 3        | Vertical   | 205         | 1.49       | -        |
| 5300MHz                  | Pass   | AV   | 15.90852G | 44.29          | 54.00          | -9.71       | 3        | Horizontal | 71          | 1.50       | -        |
| 5300MHz                  | Pass   | PK   | 10.59636G | 57.61          | 68.20          | -10.59      | 3        | Horizontal | 194         | 2.73       | -        |
| 5300MHz                  | Pass   | PK   | 15.8916G  | 56.28          | 74.00          | -17.72      | 3        | Horizontal | 71          | 1.50       | -        |
| 5320MHz                  | Pass   | AV   | 5.3208G   | 108.33         | Inf            | -Inf        | 3        | Vertical   | 18          | 1.58       | -        |
| 5320MHz                  | Pass   | AV   | 5.35G     | 52.26          | 54.00          | -1.74       | 3        | Vertical   | 18          | 1.58       | -        |
| 5320MHz                  | Pass   | PK   | 5.3208G   | 115.91         | Inf            | -Inf        | 3        | Vertical   | 18          | 1.58       | -        |
| 5320MHz                  | Pass   | PK   | 5.3502G   | 65.19          | 74.00          | -8.81       | 3        | Vertical   | 18          | 1.58       | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5320MHz                        | Pass   | AV   | 10.63792G | 45.04          | 54.00          | -8.96       | 3        | Vertical   | 340         | 1.93       | -        |
| 5320MHz                        | Pass   | AV   | 15.96032G | 45.12          | 54.00          | -8.88       | 3        | Vertical   | 150         | 2.53       | -        |
| 5320MHz                        | Pass   | PK   | 10.6442G  | 57.17          | 74.00          | -16.83      | 3        | Vertical   | 340         | 1.93       | -        |
| 5320MHz                        | Pass   | PK   | 15.95852G | 57.25          | 74.00          | -16.75      | 3        | Vertical   | 150         | 2.53       | -        |
| 5320MHz                        | Pass   | AV   | 10.63356G | 44.00          | 54.00          | -10.00      | 3        | Horizontal | 150         | 1.35       | -        |
| 5320MHz                        | Pass   | AV   | 15.95656G | 44.86          | 54.00          | -9.14       | 3        | Horizontal | 325         | 1.50       | -        |
| 5320MHz                        | Pass   | PK   | 10.63824G | 55.75          | 74.00          | -18.25      | 3        | Horizontal | 150         | 1.35       | -        |
| 5320MHz                        | Pass   | PK   | 15.96392G | 57.30          | 74.00          | -16.70      | 3        | Horizontal | 325         | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 5.4598G   | 49.16          | 54.00          | -4.84       | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 5.499G    | 107.67         | Inf            | -Inf        | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 5.4676G   | 61.67          | 68.20          | -6.53       | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 5.4992G   | 115.73         | Inf            | -Inf        | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 11.00356G | 46.27          | 54.00          | -7.73       | 3        | Vertical   | 184         | 2.93       | -        |
| 5500MHz                        | Pass   | PK   | 10.9936G  | 58.60          | 74.00          | -15.40      | 3        | Vertical   | 184         | 2.93       | -        |
| 5500MHz                        | Pass   | PK   | 16.5028G  | 59.37          | 68.20          | -8.83       | 3        | Vertical   | 328         | 1.15       | -        |
| 5500MHz                        | Pass   | AV   | 10.9906G  | 45.02          | 54.00          | -8.98       | 3        | Horizontal | 131         | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 10.99412G | 57.57          | 74.00          | -16.43      | 3        | Horizontal | 131         | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 16.5096G  | 58.98          | 68.20          | -9.22       | 3        | Horizontal | 163         | 1.50       | -        |
| 5580MHz                        | Pass   | AV   | 5.4534G   | 45.99          | 54.00          | -8.01       | 3        | Vertical   | 185         | 1.63       | -        |
| 5580MHz                        | Pass   | AV   | 5.5788G   | 114.05         | Inf            | -Inf        | 3        | Vertical   | 185         | 1.63       | -        |
| 5580MHz                        | Pass   | PK   | 5.4696G   | 58.21          | 68.20          | -9.99       | 3        | Vertical   | 185         | 1.63       | -        |
| 5580MHz                        | Pass   | PK   | 5.5794G   | 122.46         | Inf            | -Inf        | 3        | Vertical   | 185         | 1.63       | -        |
| 5580MHz                        | Pass   | PK   | 5.7282G   | 57.14          | 68.20          | -11.06      | 3        | Vertical   | 185         | 1.63       | -        |
| 5580MHz                        | Pass   | AV   | 11.15808G | 50.74          | 54.00          | -3.26       | 3        | Vertical   | 160         | 1.33       | -        |
| 5580MHz                        | Pass   | PK   | 11.15828G | 62.59          | 74.00          | -11.41      | 3        | Vertical   | 160         | 1.33       | -        |
| 5580MHz                        | Pass   | PK   | 16.74928G | 60.82          | 68.20          | -7.38       | 3        | Vertical   | 208         | 2.25       | -        |
| 5580MHz                        | Pass   | AV   | 11.15844G | 45.76          | 54.00          | -8.24       | 3        | Horizontal | 152         | 1.32       | -        |
| 5580MHz                        | Pass   | PK   | 11.1538G  | 58.25          | 74.00          | -15.75      | 3        | Horizontal | 152         | 1.32       | -        |
| 5580MHz                        | Pass   | PK   | 16.74632G | 60.25          | 68.20          | -7.95       | 3        | Horizontal | 122         | 2.26       | -        |
| 5700MHz                        | Pass   | AV   | 5.6988G   | 106.98         | Inf            | -Inf        | 3        | Vertical   | 336         | 1.48       | -        |
| 5700MHz                        | Pass   | PK   | 5.6992G   | 115.03         | Inf            | -Inf        | 3        | Vertical   | 336         | 1.48       | -        |
| 5700MHz                        | Pass   | PK   | 5.7276G   | 66.20          | 68.20          | -2.00       | 3        | Vertical   | 336         | 1.48       | -        |
| 5700MHz                        | Pass   | AV   | 11.39724G | 46.01          | 54.00          | -7.99       | 3        | Vertical   | 139         | 2.93       | -        |
| 5700MHz                        | Pass   | PK   | 11.40268G | 57.57          | 74.00          | -16.43      | 3        | Vertical   | 139         | 2.93       | -        |
| 5700MHz                        | Pass   | PK   | 17.10072G | 61.49          | 68.20          | -6.71       | 3        | Vertical   | 253         | 1.50       | -        |
| 5700MHz                        | Pass   | AV   | 11.3994G  | 45.10          | 54.00          | -8.90       | 3        | Horizontal | 0           | 2.57       | -        |
| 5700MHz                        | Pass   | PK   | 11.39992G | 57.49          | 74.00          | -16.51      | 3        | Horizontal | 0           | 2.57       | -        |
| 5700MHz                        | Pass   | PK   | 17.10456G | 61.42          | 68.20          | -6.78       | 3        | Horizontal | 183         | 1.37       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4356G   | 45.28          | 54.00          | -8.72       | 3        | Vertical   | 0           | 1.84       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7188G   | 107.85         | Inf            | -Inf        | 3        | Vertical   | 0           | 1.84       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4464G   | 57.04          | 74.00          | -16.96      | 3        | Vertical   | 0           | 1.84       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.468G    | 57.12          | 68.20          | -11.08      | 3        | Vertical   | 0           | 1.84       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7188G   | 115.85         | Inf            | -Inf        | 3        | Vertical   | 0           | 1.84       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.888G    | 58.38          | 68.20          | -9.82       | 3        | Vertical   | 0           | 1.84       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44204G | 49.22          | 54.00          | -4.78       | 3        | Vertical   | 268         | 1.97       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.44186G | 61.67          | 74.00          | -12.33      | 3        | Vertical   | 268         | 1.97       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.15862G | 63.21          | 68.20          | -4.99       | 3        | Vertical   | 216         | 2.68       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.4352G  | 45.56          | 54.00          | -8.44       | 3        | Horizontal | 129         | 2.00       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43352G | 57.72          | 74.00          | -16.28      | 3        | Horizontal | 129         | 2.00       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.15916G | 62.07          | 68.20          | -6.13       | 3        | Horizontal | 0           | 1.50       | -        |
| 5745MHz                        | Pass   | AV   | 5.7426G   | 115.98         | Inf            | -Inf        | 3        | Vertical   | 267         | 1.92       | -        |
| 5745MHz                        | Pass   | PK   | 5.583G    | 66.53          | 68.20          | -1.67       | 3        | Vertical   | 267         | 1.92       | -        |
| 5745MHz                        | Pass   | PK   | 5.7426G   | 125.05         | Inf            | -Inf        | 3        | Vertical   | 267         | 1.92       | -        |
| 5745MHz                        | Pass   | PK   | 5.9706G   | 58.62          | 68.20          | -9.58       | 3        | Vertical   | 267         | 1.92       | -        |
| 5745MHz                        | Pass   | AV   | 11.49096G | 48.68          | 54.00          | -5.32       | 3        | Vertical   | 145         | 2.95       | -        |
| 5745MHz                        | Pass   | PK   | 11.48742G | 61.71          | 74.00          | -12.29      | 3        | Vertical   | 145         | 2.95       | -        |
| 5745MHz                        | Pass   | PK   | 17.2266G  | 63.06          | 68.20          | -5.14       | 3        | Vertical   | 219         | 2.03       | -        |
| 5745MHz                        | Pass   | AV   | 11.49054G | 45.97          | 54.00          | -8.03       | 3        | Horizontal | 0           | 2.86       | -        |
| 5745MHz                        | Pass   | PK   | 11.49882G | 58.35          | 74.00          | -15.65      | 3        | Horizontal | 0           | 2.86       | -        |
| 5745MHz                        | Pass   | PK   | 17.24676G | 61.86          | 68.20          | -6.34       | 3        | Horizontal | 131         | 1.25       | -        |
| 5785MHz                        | Pass   | AV   | 5.7862G   | 114.36         | Inf            | -Inf        | 3        | Vertical   | 65          | 1.88       | -        |
| 5785MHz                        | Pass   | PK   | 5.6206G   | 64.65          | 68.20          | -3.55       | 3        | Vertical   | 65          | 1.88       | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5785MHz                        | Pass   | PK   | 5.7862G   | 123.03         | Inf            | -Inf        | 3        | Vertical   | 65          | 1.88       | -        |
| 5785MHz                        | Pass   | PK   | 5.9518G   | 63.01          | 68.20          | -5.19       | 3        | Vertical   | 65          | 1.88       | -        |
| 5785MHz                        | Pass   | AV   | 11.56808G | 48.97          | 54.00          | -5.03       | 3        | Vertical   | 153         | 2.75       | -        |
| 5785MHz                        | Pass   | PK   | 11.5757G  | 59.25          | 74.00          | -14.75      | 3        | Vertical   | 153         | 2.75       | -        |
| 5785MHz                        | Pass   | PK   | 17.36544G | 62.86          | 68.20          | -5.34       | 3        | Vertical   | 158         | 1.12       | -        |
| 5785MHz                        | Pass   | AV   | 11.5715G  | 47.62          | 54.00          | -6.38       | 3        | Horizontal | 296         | 2.00       | -        |
| 5785MHz                        | Pass   | PK   | 11.5586G  | 59.13          | 74.00          | -14.87      | 3        | Horizontal | 296         | 2.00       | -        |
| 5785MHz                        | Pass   | PK   | 17.34108G | 62.07          | 68.20          | -6.13       | 3        | Horizontal | 273         | 1.86       | -        |
| 5825MHz                        | Pass   | AV   | 5.8274G   | 115.41         | Inf            | -Inf        | 3        | Vertical   | 267         | 1.88       | -        |
| 5825MHz                        | Pass   | PK   | 5.6522G   | 66.93          | 69.83          | -2.90       | 3        | Vertical   | 267         | 1.88       | -        |
| 5825MHz                        | Pass   | PK   | 5.8226G   | 124.20         | Inf            | -Inf        | 3        | Vertical   | 267         | 1.88       | -        |
| 5825MHz                        | Pass   | PK   | 5.9894G   | 65.02          | 68.20          | -3.18       | 3        | Vertical   | 267         | 1.88       | -        |
| 5825MHz                        | Pass   | AV   | 11.64862G | 46.48          | 54.00          | -7.52       | 3        | Vertical   | 155         | 2.97       | -        |
| 5825MHz                        | Pass   | PK   | 11.64868G | 58.63          | 74.00          | -15.37      | 3        | Vertical   | 155         | 2.97       | -        |
| 5825MHz                        | Pass   | PK   | 17.4756G  | 63.12          | 68.20          | -5.08       | 3        | Vertical   | 21          | 1.50       | -        |
| 5825MHz                        | Pass   | AV   | 11.65618G | 45.35          | 54.00          | -8.65       | 3        | Horizontal | 287         | 2.40       | -        |
| 5825MHz                        | Pass   | PK   | 11.64388G | 57.67          | 74.00          | -16.33      | 3        | Horizontal | 287         | 2.40       | -        |
| 5825MHz                        | Pass   | PK   | 17.46966G | 62.93          | 68.20          | -5.27       | 3        | Horizontal | 354         | 2.00       | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5180MHz                        | Pass   | AV   | 5.15G     | 52.29          | 54.00          | -1.71       | 3        | Vertical   | 267         | 1.98       | -        |
| 5180MHz                        | Pass   | AV   | 5.1778G   | 108.71         | Inf            | -Inf        | 3        | Vertical   | 267         | 1.98       | -        |
| 5180MHz                        | Pass   | PK   | 5.1492G   | 62.39          | 74.00          | -11.61      | 3        | Vertical   | 267         | 1.98       | -        |
| 5180MHz                        | Pass   | PK   | 5.1774G   | 117.88         | Inf            | -Inf        | 3        | Vertical   | 267         | 1.98       | -        |
| 5180MHz                        | Pass   | AV   | 15.53574G | 46.64          | 54.00          | -7.36       | 3        | Vertical   | 338         | 2.17       | -        |
| 5180MHz                        | Pass   | PK   | 10.36438G | 58.16          | 68.20          | -10.04      | 3        | Vertical   | 193         | 1.00       | -        |
| 5180MHz                        | Pass   | PK   | 15.5439G  | 57.99          | 74.00          | -16.01      | 3        | Vertical   | 338         | 2.17       | -        |
| 5180MHz                        | Pass   | AV   | 15.54522G | 46.50          | 54.00          | -7.50       | 3        | Horizontal | 219         | 1.49       | -        |
| 5180MHz                        | Pass   | PK   | 10.3468G  | 57.20          | 68.20          | -11.00      | 3        | Horizontal | 82          | 1.14       | -        |
| 5180MHz                        | Pass   | PK   | 15.53994G | 57.46          | 74.00          | -16.54      | 3        | Horizontal | 219         | 1.49       | -        |
| 5200MHz                        | Pass   | AV   | 5.15G     | 51.93          | 54.00          | -2.07       | 3        | Vertical   | 348         | 1.50       | -        |
| 5200MHz                        | Pass   | AV   | 5.198G    | 110.88         | Inf            | -Inf        | 3        | Vertical   | 348         | 1.50       | -        |
| 5200MHz                        | Pass   | PK   | 5.1484G   | 63.77          | 74.00          | -10.23      | 3        | Vertical   | 348         | 1.50       | -        |
| 5200MHz                        | Pass   | PK   | 5.1976G   | 119.94         | Inf            | -Inf        | 3        | Vertical   | 348         | 1.50       | -        |
| 5200MHz                        | Pass   | AV   | 15.59952G | 47.93          | 54.00          | -6.07       | 3        | Vertical   | 145         | 2.38       | -        |
| 5200MHz                        | Pass   | PK   | 10.39868G | 60.90          | 68.20          | -7.30       | 3        | Vertical   | 149         | 1.52       | -        |
| 5200MHz                        | Pass   | PK   | 15.59976G | 59.24          | 74.00          | -14.76      | 3        | Vertical   | 145         | 2.38       | -        |
| 5200MHz                        | Pass   | AV   | 15.59076G | 46.72          | 54.00          | -7.28       | 3        | Horizontal | 142         | 1.49       | -        |
| 5200MHz                        | Pass   | PK   | 10.40102G | 59.91          | 68.20          | -8.29       | 3        | Horizontal | 13          | 1.91       | -        |
| 5200MHz                        | Pass   | PK   | 15.5985G  | 58.07          | 74.00          | -15.93      | 3        | Horizontal | 142         | 1.49       | -        |
| 5240MHz                        | Pass   | AV   | 5.15G     | 51.24          | 54.00          | -2.76       | 3        | Vertical   | 238         | 1.96       | -        |
| 5240MHz                        | Pass   | AV   | 5.2376G   | 114.63         | Inf            | -Inf        | 3        | Vertical   | 238         | 1.96       | -        |
| 5240MHz                        | Pass   | AV   | 5.351G    | 47.79          | 54.00          | -6.21       | 3        | Vertical   | 238         | 1.96       | -        |
| 5240MHz                        | Pass   | PK   | 5.1422G   | 62.18          | 74.00          | -11.82      | 3        | Vertical   | 238         | 1.96       | -        |
| 5240MHz                        | Pass   | PK   | 5.2412G   | 122.60         | Inf            | -Inf        | 3        | Vertical   | 238         | 1.96       | -        |
| 5240MHz                        | Pass   | PK   | 5.3528G   | 58.10          | 74.00          | -15.90      | 3        | Vertical   | 238         | 1.96       | -        |
| 5240MHz                        | Pass   | AV   | 15.72258G | 49.39          | 54.00          | -4.61       | 3        | Vertical   | 211         | 2.34       | -        |
| 5240MHz                        | Pass   | PK   | 10.47094G | 63.36          | 68.20          | -4.84       | 3        | Vertical   | 337         | 1.50       | -        |
| 5240MHz                        | Pass   | PK   | 15.71784G | 60.78          | 74.00          | -13.22      | 3        | Vertical   | 211         | 2.34       | -        |
| 5240MHz                        | Pass   | AV   | 15.7305G  | 46.91          | 54.00          | -7.09       | 3        | Horizontal | 47          | 1.15       | -        |
| 5240MHz                        | Pass   | PK   | 10.47658G | 60.99          | 68.20          | -7.21       | 3        | Horizontal | 233         | 2.34       | -        |
| 5240MHz                        | Pass   | PK   | 15.73278G | 57.68          | 74.00          | -16.32      | 3        | Horizontal | 47          | 1.15       | -        |
| 5260MHz                        | Pass   | AV   | 5.1478G   | 47.84          | 54.00          | -6.16       | 3        | Vertical   | 8           | 1.52       | -        |
| 5260MHz                        | Pass   | AV   | 5.2624G   | 113.71         | Inf            | -Inf        | 3        | Vertical   | 8           | 1.52       | -        |
| 5260MHz                        | Pass   | AV   | 5.35G     | 48.18          | 54.00          | -5.82       | 3        | Vertical   | 8           | 1.52       | -        |
| 5260MHz                        | Pass   | PK   | 5.14G     | 57.22          | 74.00          | -16.78      | 3        | Vertical   | 8           | 1.52       | -        |
| 5260MHz                        | Pass   | PK   | 5.2594G   | 122.15         | Inf            | -Inf        | 3        | Vertical   | 8           | 1.52       | -        |
| 5260MHz                        | Pass   | PK   | 5.35G     | 57.82          | 74.00          | -16.18      | 3        | Vertical   | 8           | 1.52       | -        |
| 5260MHz                        | Pass   | AV   | 15.77598G | 48.42          | 54.00          | -5.58       | 3        | Vertical   | 212         | 1.09       | -        |
| 5260MHz                        | Pass   | PK   | 10.51622G | 64.84          | 68.20          | -3.36       | 3        | Vertical   | 192         | 1.00       | -        |
| 5260MHz                        | Pass   | PK   | 15.7761G  | 59.55          | 74.00          | -14.45      | 3        | Vertical   | 212         | 1.09       | -        |
| 5260MHz                        | Pass   | AV   | 15.77934G | 46.91          | 54.00          | -7.09       | 3        | Horizontal | 339         | 1.19       | -        |
| 5260MHz                        | Pass   | PK   | 10.51826G | 60.29          | 68.20          | -7.91       | 3        | Horizontal | 140         | 1.06       | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5260MHz                        | Pass   | PK   | 15.78618G | 57.94          | 74.00          | -16.06      | 3        | Horizontal | 339         | 1.19       | -        |
| 5300MHz                        | Pass   | AV   | 5.298G    | 110.99         | Inf            | -Inf        | 3        | Vertical   | 258         | 1.85       | -        |
| 5300MHz                        | Pass   | AV   | 5.3504G   | 52.28          | 54.00          | -1.72       | 3        | Vertical   | 258         | 1.85       | -        |
| 5300MHz                        | Pass   | PK   | 5.298G    | 119.39         | Inf            | -Inf        | 3        | Vertical   | 258         | 1.85       | -        |
| 5300MHz                        | Pass   | PK   | 5.3768G   | 63.63          | 74.00          | -10.37      | 3        | Vertical   | 258         | 1.85       | -        |
| 5300MHz                        | Pass   | AV   | 15.8976G  | 46.69          | 54.00          | -7.31       | 3        | Vertical   | 221         | 2.82       | -        |
| 5300MHz                        | Pass   | PK   | 10.5961G  | 60.56          | 68.20          | -7.64       | 3        | Vertical   | 337         | 1.65       | -        |
| 5300MHz                        | Pass   | PK   | 15.90258G | 58.44          | 74.00          | -15.56      | 3        | Vertical   | 221         | 2.82       | -        |
| 5300MHz                        | Pass   | AV   | 15.9078G  | 45.87          | 54.00          | -8.13       | 3        | Horizontal | 333         | 1.50       | -        |
| 5300MHz                        | Pass   | PK   | 10.5961G  | 58.54          | 68.20          | -9.66       | 3        | Horizontal | 360         | 2.80       | -        |
| 5300MHz                        | Pass   | PK   | 15.9087G  | 57.27          | 74.00          | -16.73      | 3        | Horizontal | 333         | 1.50       | -        |
| 5320MHz                        | Pass   | AV   | 5.3222G   | 106.94         | Inf            | -Inf        | 3        | Vertical   | 3           | 1.57       | -        |
| 5320MHz                        | Pass   | AV   | 5.3502G   | 50.36          | 54.00          | -3.64       | 3        | Vertical   | 3           | 1.57       | -        |
| 5320MHz                        | Pass   | PK   | 5.322G    | 115.16         | Inf            | -Inf        | 3        | Vertical   | 3           | 1.57       | -        |
| 5320MHz                        | Pass   | PK   | 5.3566G   | 63.10          | 74.00          | -10.90      | 3        | Vertical   | 3           | 1.57       | -        |
| 5320MHz                        | Pass   | AV   | 10.6412G  | 47.12          | 54.00          | -6.88       | 3        | Vertical   | 193         | 1.00       | -        |
| 5320MHz                        | Pass   | AV   | 15.972G   | 46.17          | 54.00          | -7.83       | 3        | Vertical   | 103         | 2.30       | -        |
| 5320MHz                        | Pass   | PK   | 10.6385G  | 58.22          | 74.00          | -15.78      | 3        | Vertical   | 193         | 1.00       | -        |
| 5320MHz                        | Pass   | PK   | 15.97116G | 57.37          | 74.00          | -16.63      | 3        | Vertical   | 103         | 2.30       | -        |
| 5320MHz                        | Pass   | AV   | 10.62926G | 45.70          | 54.00          | -8.30       | 3        | Horizontal | 309         | 2.73       | -        |
| 5320MHz                        | Pass   | AV   | 15.94992G | 46.40          | 54.00          | -7.60       | 3        | Horizontal | 137         | 1.50       | -        |
| 5320MHz                        | Pass   | PK   | 10.63916G | 56.79          | 74.00          | -17.21      | 3        | Horizontal | 309         | 2.73       | -        |
| 5320MHz                        | Pass   | PK   | 15.96432G | 58.24          | 74.00          | -15.76      | 3        | Horizontal | 137         | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 5.453G    | 49.84          | 54.00          | -4.16       | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 5.5022G   | 106.02         | Inf            | -Inf        | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 5.4594G   | 60.62          | 74.00          | -13.38      | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 5.47G     | 62.43          | 68.20          | -5.77       | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | PK   | 5.502G    | 114.31         | Inf            | -Inf        | 3        | Vertical   | 0           | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 10.99856G | 47.32          | 54.00          | -6.68       | 3        | Vertical   | 8           | 2.09       | -        |
| 5500MHz                        | Pass   | PK   | 11.0063G  | 58.13          | 74.00          | -15.87      | 3        | Vertical   | 8           | 2.09       | -        |
| 5500MHz                        | Pass   | PK   | 16.49574G | 59.92          | 68.20          | -8.28       | 3        | Vertical   | 54          | 1.50       | -        |
| 5500MHz                        | Pass   | AV   | 11.003G   | 46.15          | 54.00          | -7.85       | 3        | Horizontal | 215         | 2.50       | -        |
| 5500MHz                        | Pass   | PK   | 11.01494G | 57.69          | 74.00          | -16.31      | 3        | Horizontal | 215         | 2.50       | -        |
| 5500MHz                        | Pass   | PK   | 16.5036G  | 60.46          | 68.20          | -7.74       | 3        | Horizontal | 12          | 1.50       | -        |
| 5580MHz                        | Pass   | AV   | 5.4528G   | 47.06          | 54.00          | -6.94       | 3        | Vertical   | 257         | 1.88       | -        |
| 5580MHz                        | Pass   | AV   | 5.5776G   | 112.62         | Inf            | -Inf        | 3        | Vertical   | 257         | 1.88       | -        |
| 5580MHz                        | Pass   | PK   | 5.4486G   | 57.16          | 74.00          | -16.84      | 3        | Vertical   | 257         | 1.88       | -        |
| 5580MHz                        | Pass   | PK   | 5.4672G   | 57.80          | 68.20          | -10.40      | 3        | Vertical   | 257         | 1.88       | -        |
| 5580MHz                        | Pass   | PK   | 5.5782G   | 121.37         | Inf            | -Inf        | 3        | Vertical   | 257         | 1.88       | -        |
| 5580MHz                        | Pass   | PK   | 5.7264G   | 57.35          | 68.20          | -10.85      | 3        | Vertical   | 257         | 1.88       | -        |
| 5580MHz                        | Pass   | AV   | 11.15856G | 50.73          | 54.00          | -3.27       | 3        | Vertical   | 159         | 1.24       | -        |
| 5580MHz                        | Pass   | PK   | 11.15868G | 61.59          | 74.00          | -12.41      | 3        | Vertical   | 159         | 1.24       | -        |
| 5580MHz                        | Pass   | PK   | 16.72848G | 61.10          | 68.20          | -7.10       | 3        | Vertical   | 220         | 2.61       | -        |
| 5580MHz                        | Pass   | AV   | 11.16072G | 47.44          | 54.00          | -6.56       | 3        | Horizontal | 223         | 2.72       | -        |
| 5580MHz                        | Pass   | PK   | 11.1738G  | 58.86          | 74.00          | -15.14      | 3        | Horizontal | 223         | 2.72       | -        |
| 5580MHz                        | Pass   | PK   | 16.73676G | 60.60          | 68.20          | -7.60       | 3        | Horizontal | 228         | 1.49       | -        |
| 5700MHz                        | Pass   | AV   | 5.698G    | 105.17         | Inf            | -Inf        | 3        | Vertical   | 330         | 1.72       | -        |
| 5700MHz                        | Pass   | PK   | 5.6976G   | 114.02         | Inf            | -Inf        | 3        | Vertical   | 330         | 1.72       | -        |
| 5700MHz                        | Pass   | PK   | 5.7256G   | 66.22          | 68.20          | -1.98       | 3        | Vertical   | 330         | 1.72       | -        |
| 5700MHz                        | Pass   | AV   | 11.39898G | 46.43          | 54.00          | -7.57       | 3        | Vertical   | 332         | 1.50       | -        |
| 5700MHz                        | Pass   | PK   | 11.40678G | 57.42          | 74.00          | -16.58      | 3        | Vertical   | 332         | 1.50       | -        |
| 5700MHz                        | Pass   | PK   | 17.0943G  | 62.05          | 68.20          | -6.15       | 3        | Vertical   | 270         | 2.00       | -        |
| 5700MHz                        | Pass   | AV   | 11.3955G  | 46.28          | 54.00          | -7.72       | 3        | Horizontal | 272         | 2.32       | -        |
| 5700MHz                        | Pass   | PK   | 11.3964G  | 57.35          | 74.00          | -16.65      | 3        | Horizontal | 272         | 2.32       | -        |
| 5700MHz                        | Pass   | PK   | 17.09202G | 61.20          | 68.20          | -7.00       | 3        | Horizontal | 90          | 1.04       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4368G   | 46.11          | 54.00          | -7.89       | 3        | Vertical   | 337         | 1.82       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7224G   | 112.74         | Inf            | -Inf        | 3        | Vertical   | 337         | 1.82       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4692G   | 54.84          | 68.20          | -13.36      | 3        | Vertical   | 337         | 1.82       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7224G   | 120.63         | Inf            | -Inf        | 3        | Vertical   | 337         | 1.82       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8796G   | 62.21          | 68.20          | -5.99       | 3        | Vertical   | 337         | 1.82       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.43772G | 49.54          | 54.00          | -4.46       | 3        | Vertical   | 144         | 2.77       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43652G | 60.29          | 74.00          | -13.71      | 3        | Vertical   | 144         | 2.77       | -        |





| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.16774G | 62.99          | 68.20          | -5.21       | 3        | Vertical   | 216         | 2.68       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.43436G | 46.05          | 54.00          | -7.95       | 3        | Horizontal | 360         | 1.98       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.45152G | 57.61          | 74.00          | -16.39      | 3        | Horizontal | 360         | 1.98       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.15676G | 61.38          | 68.20          | -6.82       | 3        | Horizontal | 252         | 1.50       | -        |
| 5745MHz                        | Pass   | AV   | 5.7474G   | 112.86         | Inf            | -Inf        | 3        | Vertical   | 337         | 1.97       | -        |
| 5745MHz                        | Pass   | PK   | 5.5746G   | 61.52          | 68.20          | -6.68       | 3        | Vertical   | 337         | 1.97       | -        |
| 5745MHz                        | Pass   | PK   | 5.7438G   | 120.99         | Inf            | -Inf        | 3        | Vertical   | 337         | 1.97       | -        |
| 5745MHz                        | Pass   | PK   | 5.9586G   | 57.14          | 68.20          | -11.06      | 3        | Vertical   | 337         | 1.97       | -        |
| 5745MHz                        | Pass   | AV   | 11.48736G | 49.43          | 54.00          | -4.57       | 3        | Vertical   | 152         | 2.78       | -        |
| 5745MHz                        | Pass   | PK   | 11.4924G  | 60.18          | 74.00          | -13.82      | 3        | Vertical   | 152         | 2.78       | -        |
| 5745MHz                        | Pass   | PK   | 17.23818G | 63.56          | 68.20          | -4.64       | 3        | Vertical   | 216         | 2.67       | -        |
| 5745MHz                        | Pass   | AV   | 11.49132G | 46.57          | 54.00          | -7.43       | 3        | Horizontal | 0           | 2.69       | -        |
| 5745MHz                        | Pass   | PK   | 11.49222G | 58.01          | 74.00          | -15.99      | 3        | Horizontal | 0           | 2.69       | -        |
| 5745MHz                        | Pass   | PK   | 17.24886G | 60.86          | 68.20          | -7.34       | 3        | Horizontal | 354         | 1.36       | -        |
| 5785MHz                        | Pass   | AV   | 5.7874G   | 112.27         | Inf            | -Inf        | 3        | Vertical   | 3           | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 5.6146G   | 61.94          | 68.20          | -6.26       | 3        | Vertical   | 3           | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 5.7874G   | 120.72         | Inf            | -Inf        | 3        | Vertical   | 3           | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 5.9566G   | 60.01          | 68.20          | -8.19       | 3        | Vertical   | 3           | 1.50       | -        |
| 5785MHz                        | Pass   | AV   | 11.56754G | 48.29          | 54.00          | -5.71       | 3        | Vertical   | 146         | 3.00       | -        |
| 5785MHz                        | Pass   | PK   | 11.56388G | 59.05          | 74.00          | -14.95      | 3        | Vertical   | 146         | 3.00       | -        |
| 5785MHz                        | Pass   | PK   | 17.35956G | 64.15          | 68.20          | -4.05       | 3        | Vertical   | 219         | 2.61       | -        |
| 5785MHz                        | Pass   | AV   | 11.57108G | 45.81          | 54.00          | -8.19       | 3        | Horizontal | 297         | 1.43       | -        |
| 5785MHz                        | Pass   | PK   | 11.5622G  | 57.13          | 74.00          | -16.87      | 3        | Horizontal | 297         | 1.43       | -        |
| 5785MHz                        | Pass   | PK   | 17.35506G | 61.56          | 68.20          | -6.64       | 3        | Horizontal | 360         | 1.70       | -        |
| 5825MHz                        | Pass   | AV   | 5.8262G   | 111.28         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 5.6546G   | 61.84          | 71.60          | -9.76       | 3        | Vertical   | 134         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 5.8274G   | 120.75         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 5.993G    | 60.79          | 68.20          | -7.41       | 3        | Vertical   | 134         | 1.50       | -        |
| 5825MHz                        | Pass   | AV   | 11.64778G | 47.47          | 54.00          | -6.53       | 3        | Vertical   | 150         | 2.93       | -        |
| 5825MHz                        | Pass   | PK   | 11.65438G | 58.90          | 74.00          | -15.10      | 3        | Vertical   | 150         | 2.93       | -        |
| 5825MHz                        | Pass   | PK   | 17.47626G | 64.56          | 68.20          | -3.64       | 3        | Vertical   | 219         | 2.19       | -        |
| 5825MHz                        | Pass   | AV   | 11.64004G | 45.86          | 54.00          | -8.14       | 3        | Horizontal | 342         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 11.6476G  | 56.46          | 74.00          | -17.54      | 3        | Horizontal | 342         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 17.47176G | 63.60          | 68.20          | -4.60       | 3        | Horizontal | 155         | 2.89       | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5190MHz                        | Pass   | AV   | 5.1496G   | 52.41          | 54.00          | -1.59       | 3        | Vertical   | 319         | 1.93       | -        |
| 5190MHz                        | Pass   | AV   | 5.1936G   | 102.64         | Inf            | -Inf        | 3        | Vertical   | 319         | 1.93       | -        |
| 5190MHz                        | Pass   | PK   | 5.15G     | 62.45          | 74.00          | -11.55      | 3        | Vertical   | 319         | 1.93       | -        |
| 5190MHz                        | Pass   | PK   | 5.1928G   | 112.18         | Inf            | -Inf        | 3        | Vertical   | 319         | 1.93       | -        |
| 5190MHz                        | Pass   | AV   | 15.55224G | 46.78          | 54.00          | -7.22       | 3        | Vertical   | 204         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 10.38648G | 56.72          | 68.20          | -11.48      | 3        | Vertical   | 114         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 15.58768G | 57.55          | 74.00          | -16.45      | 3        | Vertical   | 204         | 1.50       | -        |
| 5190MHz                        | Pass   | AV   | 15.55584G | 46.87          | 54.00          | -7.13       | 3        | Horizontal | 155         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 10.392G   | 56.43          | 68.20          | -11.77      | 3        | Horizontal | 148         | 2.68       | -        |
| 5190MHz                        | Pass   | PK   | 15.55032G | 57.74          | 74.00          | -16.26      | 3        | Horizontal | 155         | 1.50       | -        |
| 5230MHz                        | Pass   | AV   | 5.1472G   | 51.78          | 54.00          | -2.22       | 3        | Vertical   | 13          | 1.68       | -        |
| 5230MHz                        | Pass   | AV   | 5.2264G   | 106.91         | Inf            | -Inf        | 3        | Vertical   | 13          | 1.68       | -        |
| 5230MHz                        | Pass   | PK   | 5.1476G   | 64.49          | 74.00          | -9.51       | 3        | Vertical   | 13          | 1.68       | -        |
| 5230MHz                        | Pass   | PK   | 5.2328G   | 115.76         | Inf            | -Inf        | 3        | Vertical   | 13          | 1.68       | -        |
| 5230MHz                        | Pass   | AV   | 15.67688G | 46.24          | 54.00          | -7.76       | 3        | Vertical   | 202         | 2.35       | -        |
| 5230MHz                        | Pass   | PK   | 10.4568G  | 58.70          | 68.20          | -9.50       | 3        | Vertical   | 63          | 1.02       | -        |
| 5230MHz                        | Pass   | PK   | 15.69576G | 57.67          | 74.00          | -16.33      | 3        | Vertical   | 202         | 2.35       | -        |
| 5230MHz                        | Pass   | AV   | 15.69688G | 46.02          | 54.00          | -7.98       | 3        | Horizontal | 344         | 1.50       | -        |
| 5230MHz                        | Pass   | PK   | 10.47024G | 56.44          | 68.20          | -11.76      | 3        | Horizontal | 360         | 2.39       | -        |
| 5230MHz                        | Pass   | PK   | 15.67344G | 57.08          | 74.00          | -16.92      | 3        | Horizontal | 344         | 1.50       | -        |
| 5270MHz                        | Pass   | AV   | 5.2664G   | 107.41         | Inf            | -Inf        | 3        | Vertical   | 12          | 1.50       | -        |
| 5270MHz                        | Pass   | AV   | 5.3528G   | 52.34          | 54.00          | -1.66       | 3        | Vertical   | 12          | 1.50       | -        |
| 5270MHz                        | Pass   | PK   | 5.2732G   | 116.07         | Inf            | -Inf        | 3        | Vertical   | 12          | 1.50       | -        |
| 5270MHz                        | Pass   | PK   | 5.3532G   | 63.95          | 74.00          | -10.05      | 3        | Vertical   | 12          | 1.50       | -        |
| 5270MHz                        | Pass   | AV   | 15.80384G | 46.42          | 54.00          | -7.58       | 3        | Vertical   | 211         | 1.15       | -        |
| 5270MHz                        | Pass   | PK   | 10.5388G  | 59.46          | 68.20          | -8.74       | 3        | Vertical   | 196         | 1.03       | -        |
| 5270MHz                        | Pass   | PK   | 15.8112G  | 58.26          | 74.00          | -15.74      | 3        | Vertical   | 211         | 1.15       | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5270MHz                        | Pass   | AV   | 15.80688G | 46.17          | 54.00          | -7.83       | 3        | Horizontal | 360         | 2.20       | -        |
| 5270MHz                        | Pass   | PK   | 10.55992G | 56.20          | 68.20          | -12.00      | 3        | Horizontal | 360         | 2.84       | -        |
| 5270MHz                        | Pass   | PK   | 15.81696G | 57.18          | 74.00          | -16.82      | 3        | Horizontal | 360         | 2.20       | -        |
| 5310MHz                        | Pass   | AV   | 5.3136G   | 103.30         | Inf            | -Inf        | 3        | Vertical   | 316         | 1.96       | -        |
| 5310MHz                        | Pass   | AV   | 5.3512G   | 51.80          | 54.00          | -2.20       | 3        | Vertical   | 316         | 1.96       | -        |
| 5310MHz                        | Pass   | PK   | 5.3064G   | 111.70         | Inf            | -Inf        | 3        | Vertical   | 316         | 1.96       | -        |
| 5310MHz                        | Pass   | PK   | 5.3564G   | 70.01          | 74.00          | -3.99       | 3        | Vertical   | 316         | 1.96       | -        |
| 5310MHz                        | Pass   | AV   | 10.61872G | 45.50          | 54.00          | -8.50       | 3        | Vertical   | 149         | 3.00       | -        |
| 5310MHz                        | Pass   | AV   | 15.9492G  | 46.13          | 54.00          | -7.87       | 3        | Vertical   | 0           | 1.93       | -        |
| 5310MHz                        | Pass   | PK   | 10.62464G | 56.38          | 74.00          | -17.62      | 3        | Vertical   | 149         | 3.00       | -        |
| 5310MHz                        | Pass   | PK   | 15.94944G | 56.88          | 74.00          | -17.12      | 3        | Vertical   | 0           | 1.93       | -        |
| 5310MHz                        | Pass   | AV   | 10.60296G | 44.86          | 54.00          | -9.14       | 3        | Horizontal | 0           | 1.60       | -        |
| 5310MHz                        | Pass   | AV   | 15.9272G  | 46.21          | 54.00          | -7.79       | 3        | Horizontal | 203         | 1.50       | -        |
| 5310MHz                        | Pass   | PK   | 10.62496G | 56.58          | 74.00          | -17.42      | 3        | Horizontal | 0           | 1.60       | -        |
| 5310MHz                        | Pass   | PK   | 15.92968G | 57.21          | 74.00          | -16.79      | 3        | Horizontal | 203         | 1.50       | -        |
| 5510MHz                        | Pass   | AV   | 5.458G    | 51.11          | 54.00          | -2.89       | 3        | Vertical   | 134         | 1.83       | -        |
| 5510MHz                        | Pass   | AV   | 5.5132G   | 103.66         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.83       | -        |
| 5510MHz                        | Pass   | PK   | 5.4692G   | 65.53          | 68.20          | -2.67       | 3        | Vertical   | 134         | 1.83       | -        |
| 5510MHz                        | Pass   | PK   | 5.5124G   | 113.19         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.83       | -        |
| 5510MHz                        | Pass   | AV   | 11.02864G | 46.22          | 54.00          | -7.78       | 3        | Vertical   | 178         | 1.50       | -        |
| 5510MHz                        | Pass   | PK   | 11.0272G  | 57.30          | 74.00          | -16.70      | 3        | Vertical   | 178         | 1.50       | -        |
| 5510MHz                        | Pass   | PK   | 16.51176G | 60.10          | 68.20          | -8.10       | 3        | Vertical   | 278         | 2.59       | -        |
| 5510MHz                        | Pass   | AV   | 11.01464G | 46.03          | 54.00          | -7.97       | 3        | Horizontal | 296         | 2.99       | -        |
| 5510MHz                        | Pass   | PK   | 11.0156G  | 56.74          | 74.00          | -17.26      | 3        | Horizontal | 296         | 2.99       | -        |
| 5510MHz                        | Pass   | PK   | 16.53344G | 59.41          | 68.20          | -8.79       | 3        | Horizontal | 80          | 2.16       | -        |
| 5550MHz                        | Pass   | AV   | 5.4572G   | 52.33          | 54.00          | -1.67       | 3        | Vertical   | 134         | 1.84       | -        |
| 5550MHz                        | Pass   | AV   | 5.5536G   | 106.83         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.84       | -        |
| 5550MHz                        | Pass   | PK   | 5.4664G   | 65.98          | 68.20          | -2.22       | 3        | Vertical   | 134         | 1.84       | -        |
| 5550MHz                        | Pass   | PK   | 5.5524G   | 116.61         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.84       | -        |
| 5550MHz                        | Pass   | AV   | 11.09848G | 48.45          | 54.00          | -5.55       | 3        | Vertical   | 159         | 1.08       | -        |
| 5550MHz                        | Pass   | PK   | 11.09864G | 59.13          | 74.00          | -14.87      | 3        | Vertical   | 159         | 1.08       | -        |
| 5550MHz                        | Pass   | PK   | 16.63656G | 59.80          | 68.20          | -8.40       | 3        | Vertical   | 0           | 1.87       | -        |
| 5550MHz                        | Pass   | AV   | 11.08648G | 45.94          | 54.00          | -8.06       | 3        | Horizontal | 92          | 1.62       | -        |
| 5550MHz                        | Pass   | PK   | 11.11624G | 57.31          | 74.00          | -16.69      | 3        | Horizontal | 92          | 1.62       | -        |
| 5550MHz                        | Pass   | PK   | 16.66392G | 59.79          | 68.20          | -8.41       | 3        | Horizontal | 156         | 2.43       | -        |
| 5670MHz                        | Pass   | AV   | 5.6736G   | 103.71         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.50       | -        |
| 5670MHz                        | Pass   | PK   | 5.673G    | 113.55         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.50       | -        |
| 5670MHz                        | Pass   | PK   | 5.727G    | 66.43          | 68.20          | -1.77       | 3        | Vertical   | 134         | 1.50       | -        |
| 5670MHz                        | Pass   | AV   | 11.3476G  | 46.00          | 54.00          | -8.00       | 3        | Vertical   | 296         | 2.94       | -        |
| 5670MHz                        | Pass   | PK   | 11.34656G | 57.82          | 74.00          | -16.18      | 3        | Vertical   | 296         | 2.94       | -        |
| 5670MHz                        | Pass   | PK   | 17.01192G | 61.09          | 68.20          | -7.11       | 3        | Vertical   | 360         | 2.00       | -        |
| 5670MHz                        | Pass   | AV   | 11.32552G | 45.52          | 54.00          | -8.48       | 3        | Horizontal | 26          | 1.50       | -        |
| 5670MHz                        | Pass   | PK   | 11.33048G | 57.86          | 74.00          | -16.14      | 3        | Horizontal | 26          | 1.50       | -        |
| 5670MHz                        | Pass   | PK   | 16.998G   | 61.24          | 68.20          | -6.96       | 3        | Horizontal | 329         | 1.50       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.46G     | 45.86          | 54.00          | -8.14       | 3        | Vertical   | 134         | 1.67       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.713G    | 109.52         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.67       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.462G    | 58.07          | 68.20          | -10.13      | 3        | Vertical   | 134         | 1.67       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.712G    | 119.02         | Inf            | -Inf        | 3        | Vertical   | 134         | 1.67       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.858G    | 66.56          | 68.20          | -1.64       | 3        | Vertical   | 134         | 1.67       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.41848G | 48.99          | 54.00          | -5.01       | 3        | Vertical   | 136         | 2.77       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.41648G | 60.41          | 74.00          | -13.59      | 3        | Vertical   | 136         | 2.77       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.13232G | 61.06          | 68.20          | -7.14       | 3        | Vertical   | 356         | 2.91       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.40152G | 45.82          | 54.00          | -8.18       | 3        | Horizontal | 33          | 1.50       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.40544G | 57.85          | 74.00          | -16.15      | 3        | Horizontal | 33          | 1.50       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.12512G | 61.40          | 68.20          | -6.80       | 3        | Horizontal | 238         | 1.49       | -        |
| 5755MHz                        | Pass   | AV   | 5.7514G   | 109.16         | Inf            | -Inf        | 3        | Vertical   | 221         | 1.84       | -        |
| 5755MHz                        | Pass   | PK   | 5.6482G   | 66.47          | 68.20          | -1.73       | 3        | Vertical   | 221         | 1.84       | -        |
| 5755MHz                        | Pass   | PK   | 5.7574G   | 118.21         | Inf            | -Inf        | 3        | Vertical   | 221         | 1.84       | -        |
| 5755MHz                        | Pass   | PK   | 5.9278G   | 59.03          | 68.20          | -9.17       | 3        | Vertical   | 221         | 1.84       | -        |
| 5755MHz                        | Pass   | AV   | 11.5087G  | 47.10          | 54.00          | -6.90       | 3        | Vertical   | 150         | 2.77       | -        |
| 5755MHz                        | Pass   | PK   | 11.5089G  | 58.91          | 74.00          | -15.09      | 3        | Vertical   | 150         | 2.77       | -        |
| 5755MHz                        | Pass   | PK   | 17.2674G  | 61.18          | 68.20          | -7.02       | 3        | Vertical   | 158         | 1.50       | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5755MHz                        | Pass   | AV   | 11.5035G  | 45.65          | 54.00          | -8.35       | 3        | Horizontal | 242         | 3.00       | -        |
| 5755MHz                        | Pass   | PK   | 11.5269G  | 57.26          | 74.00          | -16.74      | 3        | Horizontal | 242         | 3.00       | -        |
| 5755MHz                        | Pass   | PK   | 17.2558G  | 61.54          | 68.20          | -6.66       | 3        | Horizontal | 90          | 2.38       | -        |
| 5795MHz                        | Pass   | AV   | 5.8022G   | 111.67         | Inf            | -Inf        | 3        | Vertical   | 247         | 1.83       | -        |
| 5795MHz                        | Pass   | PK   | 5.6438G   | 63.46          | 68.20          | -4.74       | 3        | Vertical   | 247         | 1.83       | -        |
| 5795MHz                        | Pass   | PK   | 5.7866G   | 121.58         | Inf            | -Inf        | 3        | Vertical   | 247         | 1.83       | -        |
| 5795MHz                        | Pass   | PK   | 5.9258G   | 66.05          | 68.20          | -2.15       | 3        | Vertical   | 247         | 1.83       | -        |
| 5795MHz                        | Pass   | AV   | 11.5983G  | 46.24          | 54.00          | -7.76       | 3        | Vertical   | 199         | 1.02       | -        |
| 5795MHz                        | Pass   | PK   | 11.5962G  | 58.22          | 74.00          | -15.78      | 3        | Vertical   | 199         | 1.02       | -        |
| 5795MHz                        | Pass   | PK   | 17.4017G  | 62.53          | 68.20          | -5.67       | 3        | Vertical   | 222         | 2.86       | -        |
| 5795MHz                        | Pass   | AV   | 11.6139G  | 45.59          | 54.00          | -8.41       | 3        | Horizontal | 313         | 2.01       | -        |
| 5795MHz                        | Pass   | PK   | 11.579G   | 57.15          | 74.00          | -16.85      | 3        | Horizontal | 313         | 2.01       | -        |
| 5795MHz                        | Pass   | PK   | 17.3792G  | 61.53          | 68.20          | -6.67       | 3        | Horizontal | 26          | 2.14       | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5210MHz                        | Pass   | AV   | 5.137G    | 51.94          | 54.00          | -2.06       | 3        | Vertical   | 322         | 1.50       | -        |
| 5210MHz                        | Pass   | AV   | 5.207G    | 96.43          | Inf            | -Inf        | 3        | Vertical   | 322         | 1.50       | -        |
| 5210MHz                        | Pass   | AV   | 5.414G    | 47.16          | 54.00          | -6.84       | 3        | Vertical   | 322         | 1.50       | -        |
| 5210MHz                        | Pass   | PK   | 5.138G    | 60.51          | 74.00          | -13.49      | 3        | Vertical   | 322         | 1.50       | -        |
| 5210MHz                        | Pass   | PK   | 5.208G    | 104.35         | Inf            | -Inf        | 3        | Vertical   | 322         | 1.50       | -        |
| 5210MHz                        | Pass   | PK   | 5.455G    | 56.38          | 74.00          | -17.62      | 3        | Vertical   | 322         | 1.50       | -        |
| 5210MHz                        | Pass   | AV   | 15.61672G | 48.06          | 54.00          | -5.94       | 3        | Vertical   | 272         | 1.46       | -        |
| 5210MHz                        | Pass   | PK   | 10.4048G  | 56.61          | 68.20          | -11.59      | 3        | Vertical   | 355         | 1.43       | -        |
| 5210MHz                        | Pass   | PK   | 15.61608G | 57.93          | 74.00          | -16.07      | 3        | Vertical   | 272         | 1.46       | -        |
| 5210MHz                        | Pass   | AV   | 15.63912G | 47.84          | 54.00          | -6.16       | 3        | Horizontal | 148         | 1.01       | -        |
| 5210MHz                        | Pass   | PK   | 10.42304G | 56.24          | 68.20          | -11.96      | 3        | Horizontal | 118         | 2.42       | -        |
| 5210MHz                        | Pass   | PK   | 15.61352G | 57.71          | 74.00          | -16.29      | 3        | Horizontal | 148         | 1.01       | -        |
| 5290MHz                        | Pass   | AV   | 5.138G    | 48.12          | 54.00          | -5.88       | 3        | Vertical   | 17          | 1.82       | -        |
| 5290MHz                        | Pass   | AV   | 5.294G    | 97.95          | Inf            | -Inf        | 3        | Vertical   | 17          | 1.82       | -        |
| 5290MHz                        | Pass   | AV   | 5.354G    | 52.30          | 54.00          | -1.70       | 3        | Vertical   | 17          | 1.82       | -        |
| 5290MHz                        | Pass   | PK   | 5.143G    | 57.89          | 74.00          | -16.11      | 3        | Vertical   | 17          | 1.82       | -        |
| 5290MHz                        | Pass   | PK   | 5.288G    | 105.57         | Inf            | -Inf        | 3        | Vertical   | 17          | 1.82       | -        |
| 5290MHz                        | Pass   | PK   | 5.475G    | 55.68          | 68.20          | -12.52      | 3        | Vertical   | 17          | 1.82       | -        |
| 5290MHz                        | Pass   | AV   | 10.60752G | 46.47          | 54.00          | -7.53       | 3        | Vertical   | 194         | 1.50       | -        |
| 5290MHz                        | Pass   | AV   | 15.89672G | 47.55          | 54.00          | -6.45       | 3        | Vertical   | 260         | 2.40       | -        |
| 5290MHz                        | Pass   | PK   | 10.60184G | 56.05          | 74.00          | -17.95      | 3        | Vertical   | 194         | 1.50       | -        |
| 5290MHz                        | Pass   | PK   | 15.86616G | 57.30          | 74.00          | -16.70      | 3        | Vertical   | 260         | 2.40       | -        |
| 5290MHz                        | Pass   | AV   | 10.60118G | 47.06          | 54.00          | -6.94       | 3        | Horizontal | 275         | 1.07       | -        |
| 5290MHz                        | Pass   | AV   | 15.88056G | 47.57          | 54.00          | -6.43       | 3        | Horizontal | 235         | 2.23       | -        |
| 5290MHz                        | Pass   | PK   | 10.60848G | 56.44          | 74.00          | -17.56      | 3        | Horizontal | 275         | 1.07       | -        |
| 5290MHz                        | Pass   | PK   | 15.8972G  | 56.52          | 74.00          | -17.48      | 3        | Horizontal | 235         | 2.23       | -        |
| 5530MHz                        | Pass   | AV   | 5.457G    | 51.98          | 54.00          | -2.02       | 3        | Vertical   | 242         | 1.78       | -        |
| 5530MHz                        | Pass   | AV   | 5.534G    | 95.74          | Inf            | -Inf        | 3        | Vertical   | 242         | 1.78       | -        |
| 5530MHz                        | Pass   | PK   | 5.47G     | 59.19          | 68.20          | -9.01       | 3        | Vertical   | 242         | 1.78       | -        |
| 5530MHz                        | Pass   | PK   | 5.532G    | 103.33         | Inf            | -Inf        | 3        | Vertical   | 242         | 1.78       | -        |
| 5530MHz                        | Pass   | PK   | 5.759G    | 56.18          | 68.20          | -12.02      | 3        | Vertical   | 242         | 1.78       | -        |
| 5530MHz                        | Pass   | AV   | 11.08384G | 47.18          | 54.00          | -6.82       | 3        | Vertical   | 143         | 1.62       | -        |
| 5530MHz                        | Pass   | PK   | 11.03472G | 56.40          | 74.00          | -17.60      | 3        | Vertical   | 143         | 1.62       | -        |
| 5530MHz                        | Pass   | PK   | 16.57768G | 59.27          | 68.20          | -8.93       | 3        | Vertical   | 294         | 1.63       | -        |
| 5530MHz                        | Pass   | AV   | 11.03808G | 47.25          | 54.00          | -6.75       | 3        | Horizontal | 221         | 1.51       | -        |
| 5530MHz                        | Pass   | PK   | 11.04912G | 56.36          | 74.00          | -17.64      | 3        | Horizontal | 221         | 1.51       | -        |
| 5530MHz                        | Pass   | PK   | 16.55656G | 59.43          | 68.20          | -8.77       | 3        | Horizontal | 98          | 1.83       | -        |
| 5610MHz                        | Pass   | AV   | 5.46G     | 51.88          | 54.00          | -2.12       | 3        | Vertical   | 360         | 1.42       | -        |
| 5610MHz                        | Pass   | AV   | 5.613G    | 102.89         | Inf            | -Inf        | 3        | Vertical   | 360         | 1.42       | -        |
| 5610MHz                        | Pass   | PK   | 5.47G     | 60.47          | 68.20          | -7.73       | 3        | Vertical   | 360         | 1.42       | -        |
| 5610MHz                        | Pass   | PK   | 5.607G    | 110.56         | Inf            | -Inf        | 3        | Vertical   | 360         | 1.42       | -        |
| 5610MHz                        | Pass   | PK   | 5.727G    | 62.68          | 68.20          | -5.52       | 3        | Vertical   | 360         | 1.42       | -        |
| 5610MHz                        | Pass   | AV   | 11.18416G | 48.25          | 54.00          | -5.75       | 3        | Vertical   | 156         | 1.21       | -        |
| 5610MHz                        | Pass   | PK   | 11.22G    | 57.26          | 74.00          | -16.74      | 3        | Vertical   | 156         | 1.21       | -        |
| 5610MHz                        | Pass   | PK   | 16.8436G  | 61.05          | 68.20          | -7.15       | 3        | Vertical   | 276         | 1.00       | -        |
| 5610MHz                        | Pass   | AV   | 11.19632G | 47.41          | 54.00          | -6.59       | 3        | Horizontal | 289         | 1.05       | -        |
| 5610MHz                        | Pass   | PK   | 11.21088G | 57.12          | 74.00          | -16.88      | 3        | Horizontal | 289         | 1.05       | -        |
| 5610MHz                        | Pass   | PK   | 16.83992G | 60.58          | 68.20          | -7.62       | 3        | Horizontal | 187         | 1.93       | -        |

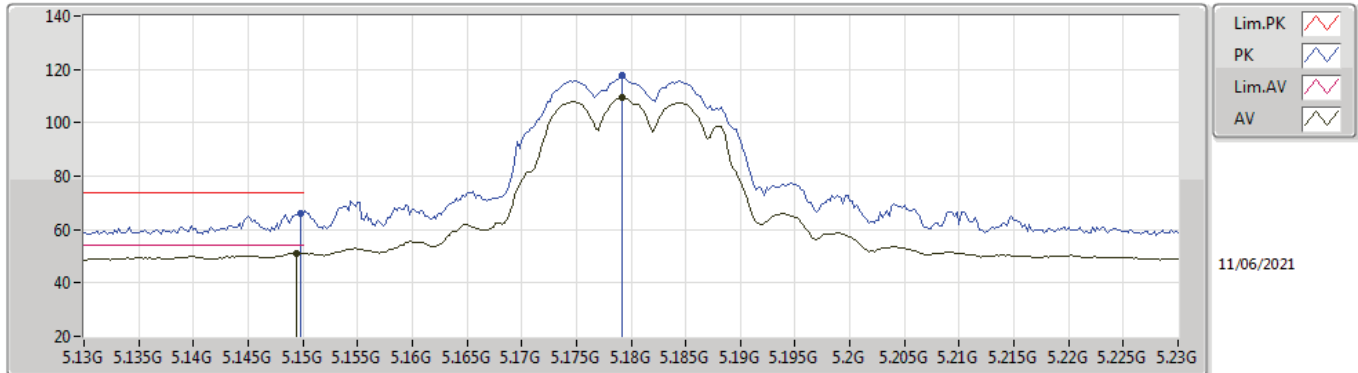


| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4572G   | 51.04          | 54.00          | -2.96       | 3        | Vertical   | 333         | 1.49       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.6864G   | 107.24         | Inf            | -Inf        | 3        | Vertical   | 333         | 1.49       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4608G   | 59.78          | 68.20          | -8.42       | 3        | Vertical   | 333         | 1.49       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.684G    | 115.08         | Inf            | -Inf        | 3        | Vertical   | 333         | 1.49       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8544G   | 65.32          | 68.20          | -2.88       | 3        | Vertical   | 333         | 1.49       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.40128G | 49.10          | 54.00          | -4.90       | 3        | Vertical   | 134         | 2.58       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.3936G  | 58.09          | 74.00          | -15.91      | 3        | Vertical   | 134         | 2.58       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.04072G | 60.72          | 68.20          | -7.48       | 3        | Vertical   | 342         | 1.55       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.39728G | 47.31          | 54.00          | -6.69       | 3        | Horizontal | 159         | 1.33       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.40128G | 56.37          | 74.00          | -17.63      | 3        | Horizontal | 159         | 1.33       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.08696G | 60.94          | 68.20          | -7.26       | 3        | Horizontal | 1           | 1.70       | -        |
| 5775MHz                        | Pass   | AV   | 5.7726G   | 105.12         | Inf            | -Inf        | 3        | Vertical   | 221         | 1.90       | -        |
| 5775MHz                        | Pass   | PK   | 5.649G    | 64.53          | 68.20          | -3.67       | 3        | Vertical   | 221         | 1.90       | -        |
| 5775MHz                        | Pass   | PK   | 5.7762G   | 112.57         | Inf            | -Inf        | 3        | Vertical   | 221         | 1.90       | -        |
| 5775MHz                        | Pass   | PK   | 5.9286G   | 59.20          | 68.20          | -9.00       | 3        | Vertical   | 221         | 1.90       | -        |
| 5775MHz                        | Pass   | AV   | 11.5796G  | 47.07          | 54.00          | -6.93       | 3        | Vertical   | 360         | 2.10       | -        |
| 5775MHz                        | Pass   | PK   | 11.53448G | 56.79          | 74.00          | -17.21      | 3        | Vertical   | 360         | 2.10       | -        |
| 5775MHz                        | Pass   | PK   | 17.3114G  | 61.65          | 68.20          | -6.55       | 3        | Vertical   | 278         | 2.63       | -        |
| 5775MHz                        | Pass   | AV   | 11.56424G | 47.13          | 54.00          | -6.87       | 3        | Horizontal | 173         | 2.04       | -        |
| 5775MHz                        | Pass   | PK   | 11.58248G | 57.45          | 74.00          | -16.55      | 3        | Horizontal | 173         | 2.04       | -        |
| 5775MHz                        | Pass   | PK   | 17.34676G | 62.15          | 68.20          | -6.05       | 3        | Horizontal | 225         | 2.34       | -        |



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

### 5180MHz\_TX

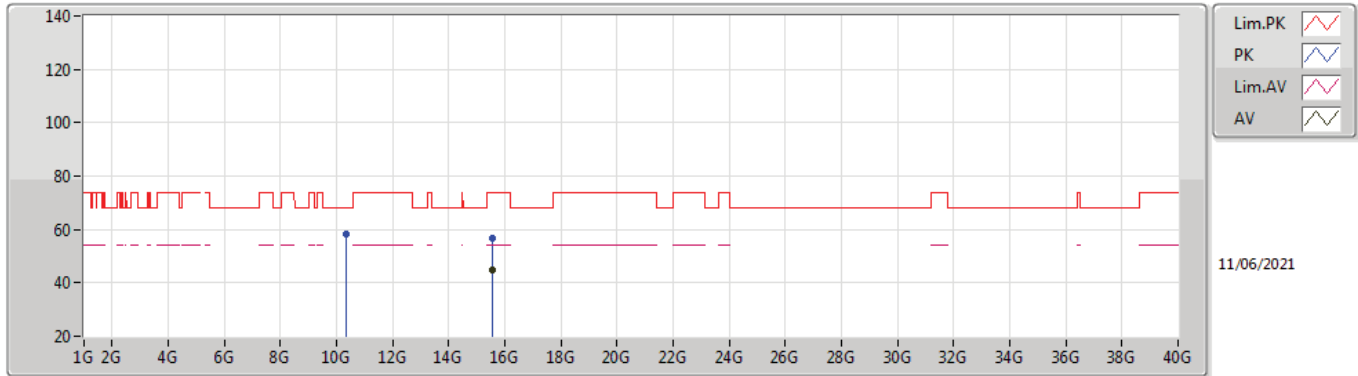


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1494G   | 51.24          | 54.00          | -2.76       | 9.59        | 3        | Vertical  | 317         | 2.01       | -       | 41.65      | 32.00   | 6.77    | 29.18   |
| AV   | 5.1792G   | 109.31         | Inf            | -Inf        | 9.55        | 3        | Vertical  | 317         | 2.01       | -       | 99.76      | 31.94   | 6.79    | 29.18   |
| PK   | 5.1498G   | 66.04          | 74.00          | -7.96       | 9.59        | 3        | Vertical  | 317         | 2.01       | -       | 56.45      | 32.00   | 6.77    | 29.18   |
| PK   | 5.1792G   | 117.51         | Inf            | -Inf        | 9.55        | 3        | Vertical  | 317         | 2.01       | -       | 107.96     | 31.94   | 6.79    | 29.18   |



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

### 5180MHz\_TX

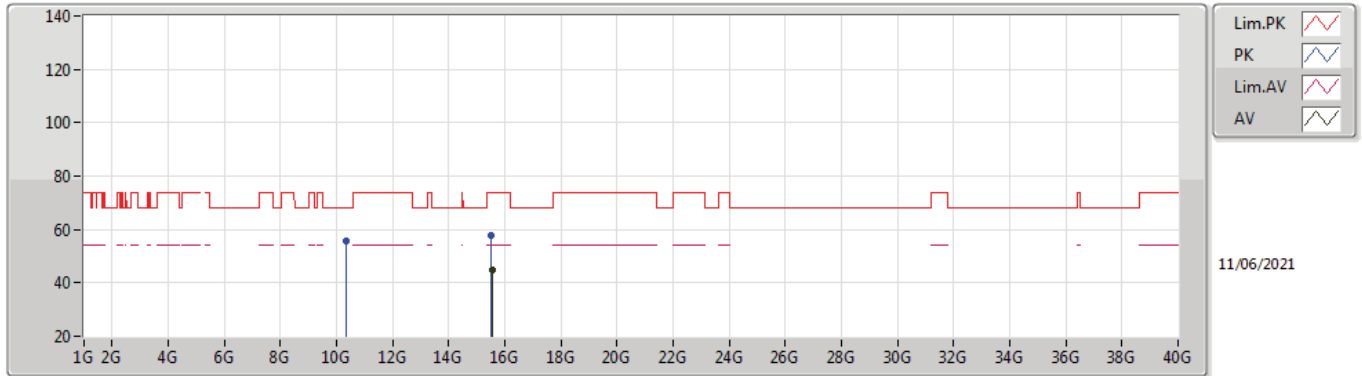


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 15.54068G    | 44.89             | 54.00             | -9.11          | 18.32          | 3           | Vertical  | 318            | 1.50          | -       | 26.57         | 38.06      | 11.29      | 31.03      |
| PK   | 10.36064G    | 58.42             | 68.20             | -9.78          | 18.05          | 3           | Vertical  | 360            | 1.00          | -       | 40.37         | 39.44      | 8.96       | 30.35      |
| PK   | 15.53856G    | 56.89             | 74.00             | -17.11         | 18.33          | 3           | Vertical  | 318            | 1.50          | -       | 38.56         | 38.07      | 11.29      | 31.03      |



802.11a\_Nss1,(6Mbps)\_2TX

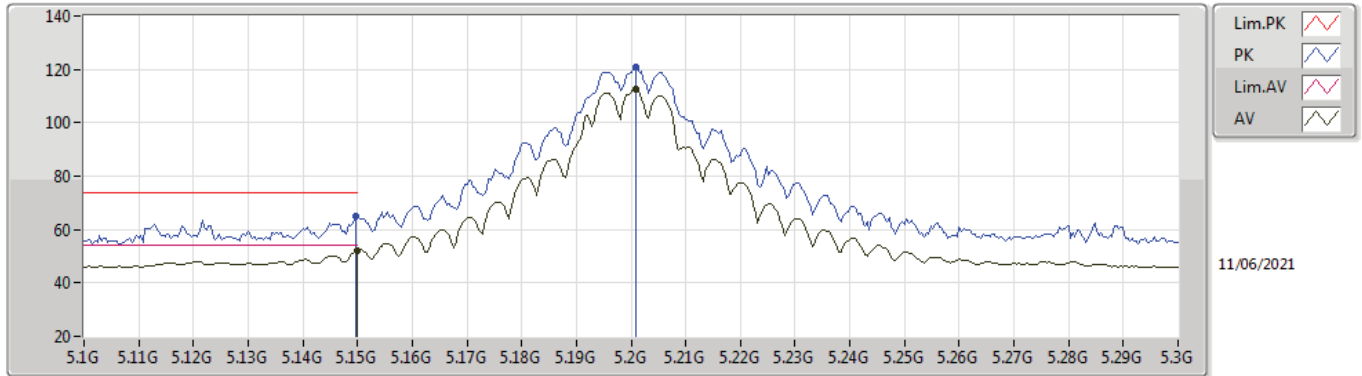
5180MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.54876G | 44.74          | 54.00          | -9.26       | 18.28       | 3        | Horizontal | 179         | 1.11       | -       | 26.46      | 38.01   | 11.30   | 31.03   |
| PK   | 10.36576G | 55.91          | 68.20          | -12.29      | 18.07       | 3        | Horizontal | 360         | 1.39       | -       | 37.84      | 39.46   | 8.96    | 30.35   |
| PK   | 15.53016G | 57.53          | 74.00          | -16.47      | 18.38       | 3        | Horizontal | 179         | 1.11       | -       | 39.15      | 38.12   | 11.29   | 31.03   |

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

### 5200MHz\_TX



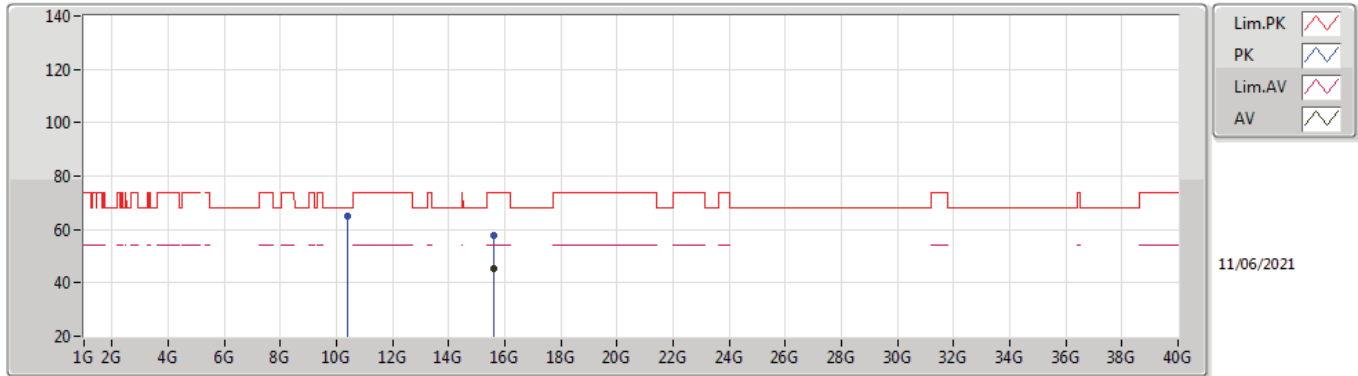
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 52.09          | 54.00          | -1.91       | 9.60        | 3        | Vertical  | 16          | 1.69       | -       | 42.49      | 32.00   | 6.78    | 29.18   |
| AV   | 5.2008G   | 112.51         | Inf            | -Inf        | 9.51        | 3        | Vertical  | 16          | 1.69       | -       | 103.00     | 31.89   | 6.80    | 29.18   |
| PK   | 5.1496G   | 64.83          | 74.00          | -9.17       | 9.59        | 3        | Vertical  | 16          | 1.69       | -       | 55.24      | 32.00   | 6.77    | 29.18   |
| PK   | 5.2008G   | 120.61         | Inf            | -Inf        | 9.51        | 3        | Vertical  | 16          | 1.69       | -       | 111.10     | 31.89   | 6.80    | 29.18   |





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

### 5200MHz\_TX

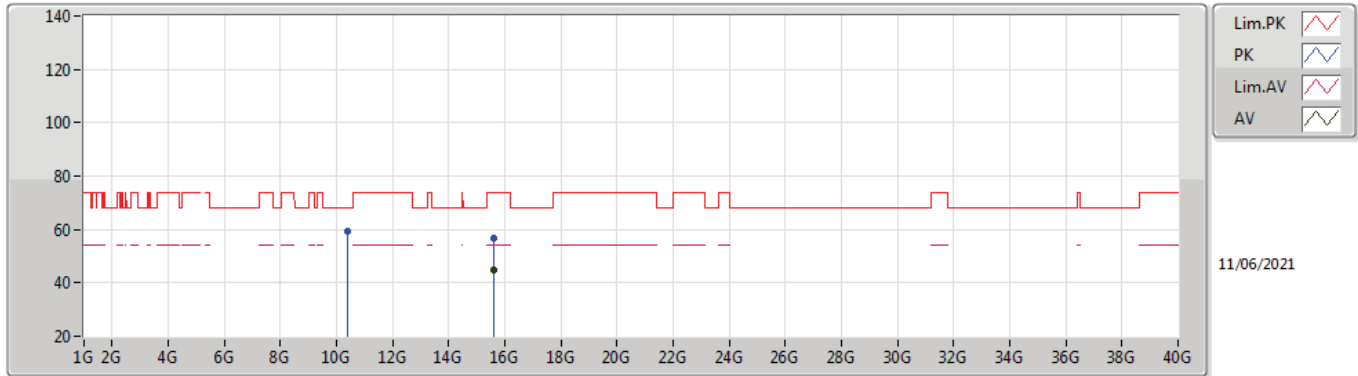


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 15.59724G    | 45.56             | 54.00             | -8.44          | 18.00          | 3           | Vertical  | 231            | 2.41          | -       | 27.56         | 37.72      | 11.32      | 31.04      |
| PK   | 10.39984G    | 64.85             | 68.20             | -3.35          | 18.22          | 3           | Vertical  | 236            | 1.97          | -       | 46.63         | 39.60      | 8.98       | 30.36      |
| PK   | 15.60572G    | 57.54             | 74.00             | -16.46         | 17.96          | 3           | Vertical  | 231            | 2.41          | -       | 39.58         | 37.68      | 11.32      | 31.04      |



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

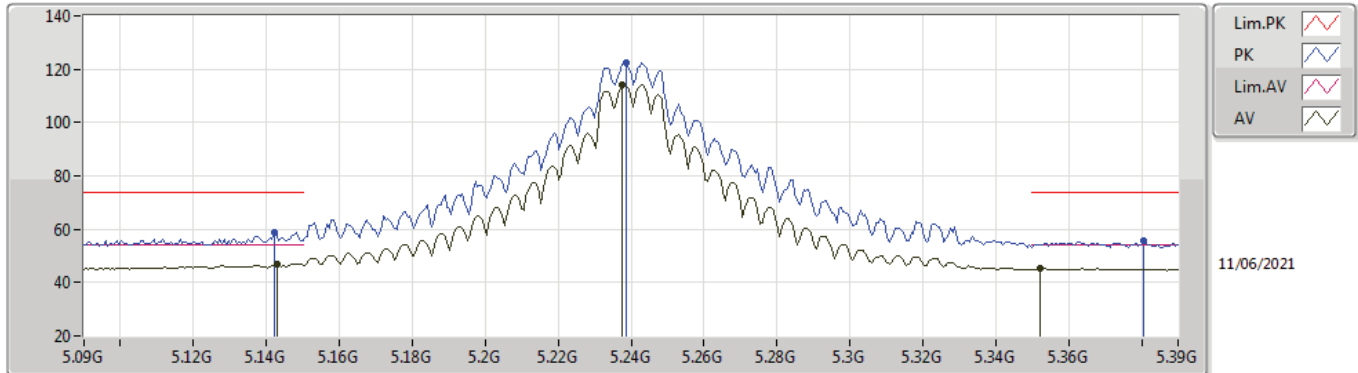
### 5200MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.6006G  | 44.93          | 54.00          | -9.07       | 17.98       | 3        | Horizontal | 199         | 1.50       | -       | 26.95      | 37.70   | 11.32   | 31.04   |
| PK   | 10.40184G | 59.09          | 68.20          | -9.11       | 18.22       | 3        | Horizontal | 164         | 1.01       | -       | 40.87      | 39.60   | 8.98    | 30.36   |
| PK   | 15.60152G | 56.84          | 74.00          | -17.16      | 17.98       | 3        | Horizontal | 199         | 1.50       | -       | 38.86      | 37.70   | 11.32   | 31.04   |

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

### 5240MHz\_TX

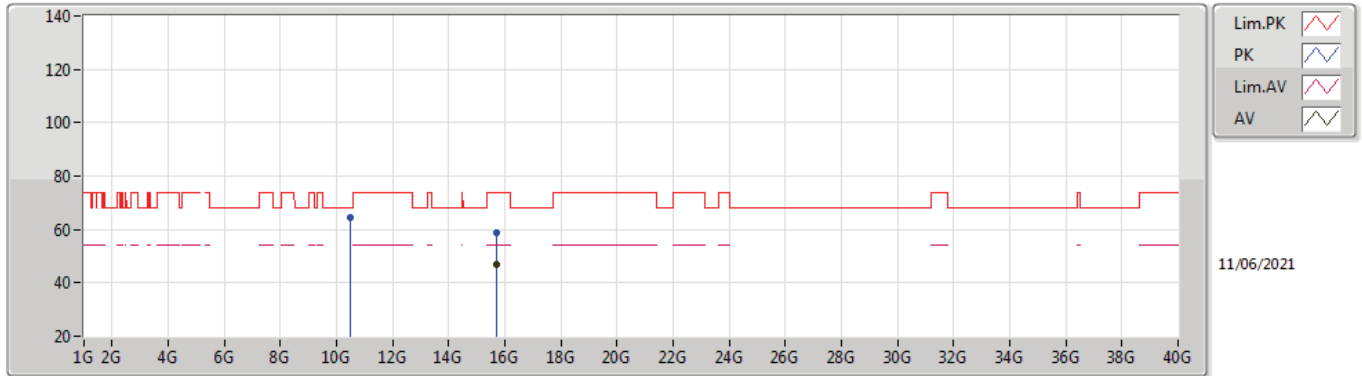


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1428G   | 46.86          | 54.00          | -7.14       | 9.59        | 3        | Vertical  | 12          | 1.49       | -       | 37.27      | 32.00   | 6.77    | 29.18   |
| AV   | 5.2376G   | 114.10         | Inf            | -Inf        | 9.22        | 3        | Vertical  | 12          | 1.49       | -       | 104.88     | 31.60   | 6.80    | 29.18   |
| AV   | 5.3522G   | 45.53          | 54.00          | -8.47       | 8.73        | 3        | Vertical  | 12          | 1.49       | -       | 36.80      | 31.12   | 6.80    | 29.19   |
| PK   | 5.1422G   | 58.94          | 74.00          | -15.06      | 9.59        | 3        | Vertical  | 12          | 1.49       | -       | 49.35      | 32.00   | 6.77    | 29.18   |
| PK   | 5.2388G   | 122.58         | Inf            | -Inf        | 9.21        | 3        | Vertical  | 12          | 1.49       | -       | 113.37     | 31.59   | 6.80    | 29.18   |
| PK   | 5.3804G   | 55.59          | 74.00          | -18.41      | 8.95        | 3        | Vertical  | 12          | 1.49       | -       | 46.64      | 31.34   | 6.80    | 29.19   |



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

### 5240MHz\_TX

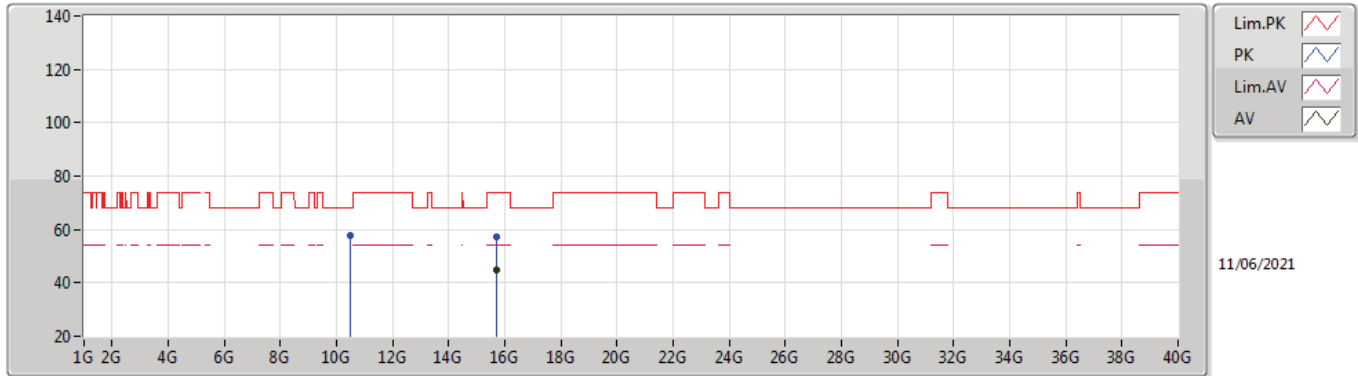


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.72136G | 47.02          | 54.00          | -6.98       | 17.70       | 3        | Vertical  | 143         | 2.13       | -       | 29.32      | 37.38   | 11.37   | 31.05   |
| PK   | 10.47836G | 64.57          | 68.20          | -3.63       | 18.32       | 3        | Vertical  | 236         | 1.94       | -       | 46.25      | 39.68   | 9.02    | 30.38   |
| PK   | 15.71652G | 58.97          | 74.00          | -15.03      | 17.70       | 3        | Vertical  | 143         | 2.13       | -       | 41.27      | 37.38   | 11.37   | 31.05   |



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

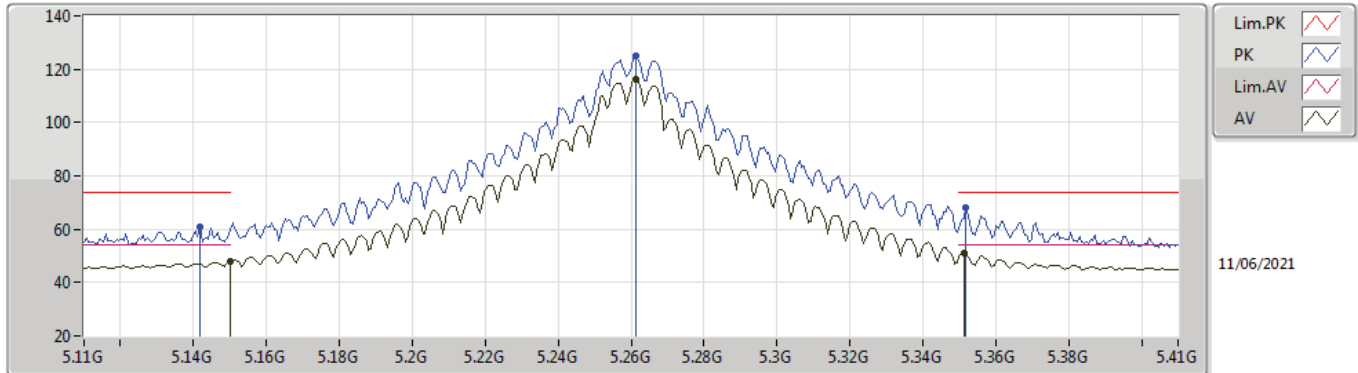
### 5240MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.72712G | 44.73          | 54.00          | -9.27       | 17.70       | 3        | Horizontal | 284         | 2.97       | -       | 27.03      | 37.37   | 11.38   | 31.05   |
| PK   | 10.47864G | 57.58          | 68.20          | -10.62      | 18.32       | 3        | Horizontal | 311         | 1.30       | -       | 39.26      | 39.68   | 9.02    | 30.38   |
| PK   | 15.71544G | 57.15          | 74.00          | -16.85      | 17.70       | 3        | Horizontal | 284         | 2.97       | -       | 39.45      | 37.38   | 11.37   | 31.05   |

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

### 5260MHz\_TX

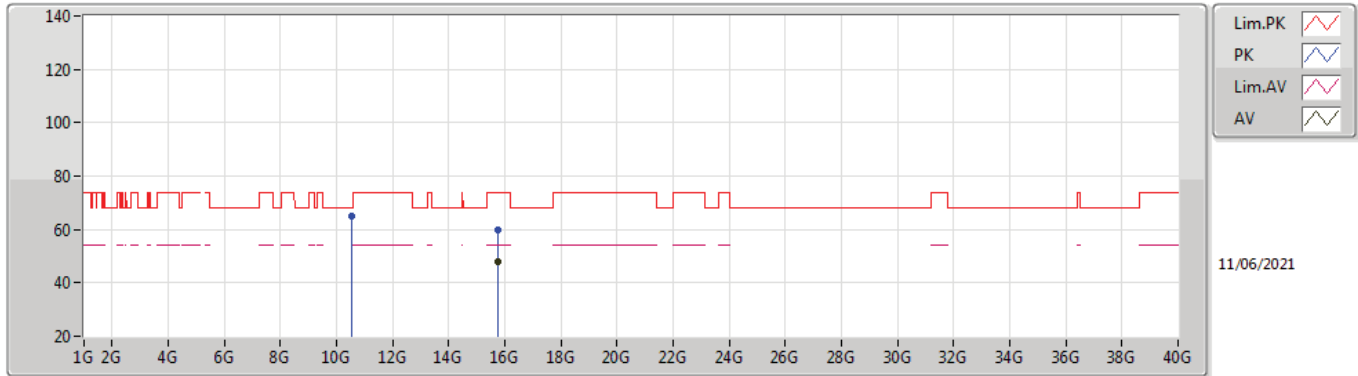


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 48.15          | 54.00          | -5.85       | 9.59        | 3        | Vertical  | 354         | 1.52       | -       | 38.56      | 32.00   | 6.77    | 29.18   |
| AV   | 5.2612G   | 116.02         | Inf            | -Inf        | 9.04        | 3        | Vertical  | 354         | 1.52       | -       | 106.98     | 31.43   | 6.80    | 29.19   |
| AV   | 5.3512G   | 50.84          | 54.00          | -3.16       | 8.72        | 3        | Vertical  | 354         | 1.52       | -       | 42.12      | 31.11   | 6.80    | 29.19   |
| PK   | 5.1418G   | 60.67          | 74.00          | -13.33      | 9.59        | 3        | Vertical  | 354         | 1.52       | -       | 51.08      | 32.00   | 6.77    | 29.18   |
| PK   | 5.2612G   | 125.16         | Inf            | -Inf        | 9.04        | 3        | Vertical  | 354         | 1.52       | -       | 116.12     | 31.43   | 6.80    | 29.19   |
| PK   | 5.3518G   | 67.98          | 74.00          | -6.02       | 8.72        | 3        | Vertical  | 354         | 1.52       | -       | 59.26      | 31.11   | 6.80    | 29.19   |



802.11a\_Nss1,(6Mbps)\_2TX

5260MHz\_TX

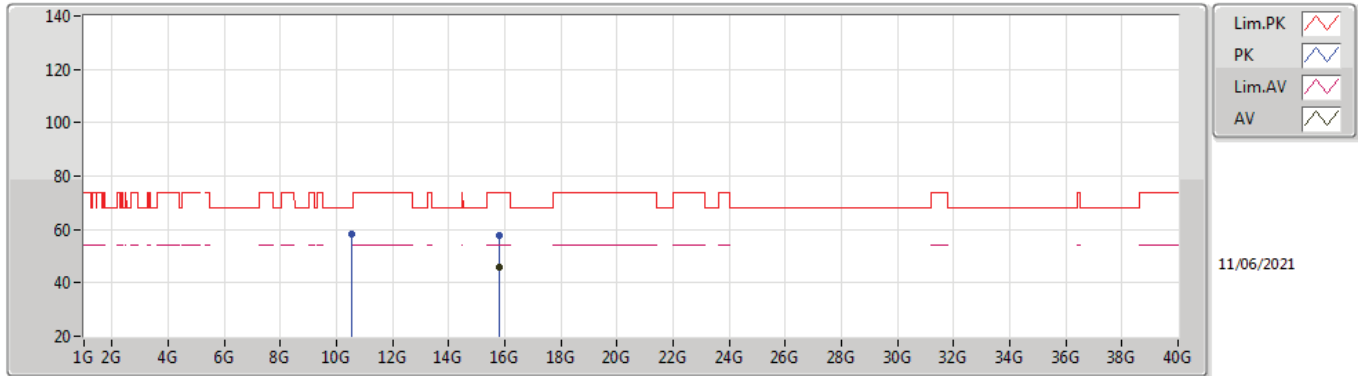


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.7758G  | 48.12          | 54.00          | -5.88       | 17.66       | 3        | Vertical  | 145         | 2.16       | -       | 30.46      | 37.32   | 11.40   | 31.06   |
| PK   | 10.51828G | 64.80          | 68.20          | -3.40       | 18.32       | 3        | Vertical  | 236         | 1.96       | -       | 46.48      | 39.68   | 9.03    | 30.39   |
| PK   | 15.77636G | 59.87          | 74.00          | -14.13      | 17.66       | 3        | Vertical  | 145         | 2.16       | -       | 42.21      | 37.32   | 11.40   | 31.06   |



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

### 5260MHz\_TX

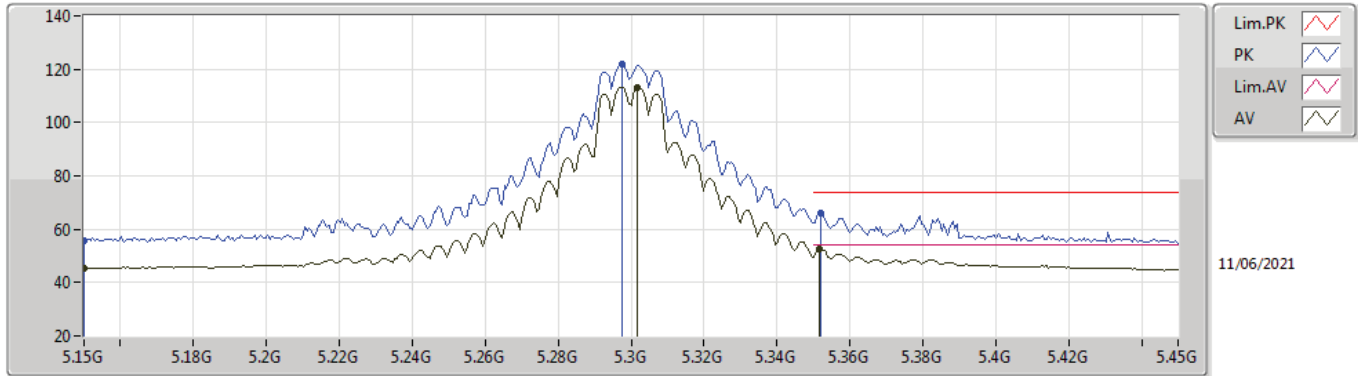


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.78168G | 45.84          | 54.00          | -8.16       | 17.66       | 3        | Horizontal | 360         | 3.00       | -       | 28.18      | 37.32   | 11.40   | 31.06   |
| PK   | 10.52192G | 58.52          | 68.20          | -9.68       | 18.32       | 3        | Horizontal | 191         | 2.82       | -       | 40.20      | 39.68   | 9.03    | 30.39   |
| PK   | 15.7866G  | 57.94          | 74.00          | -16.06      | 17.65       | 3        | Horizontal | 360         | 3.00       | -       | 40.29      | 37.31   | 11.40   | 31.06   |



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

### 5300MHz\_TX

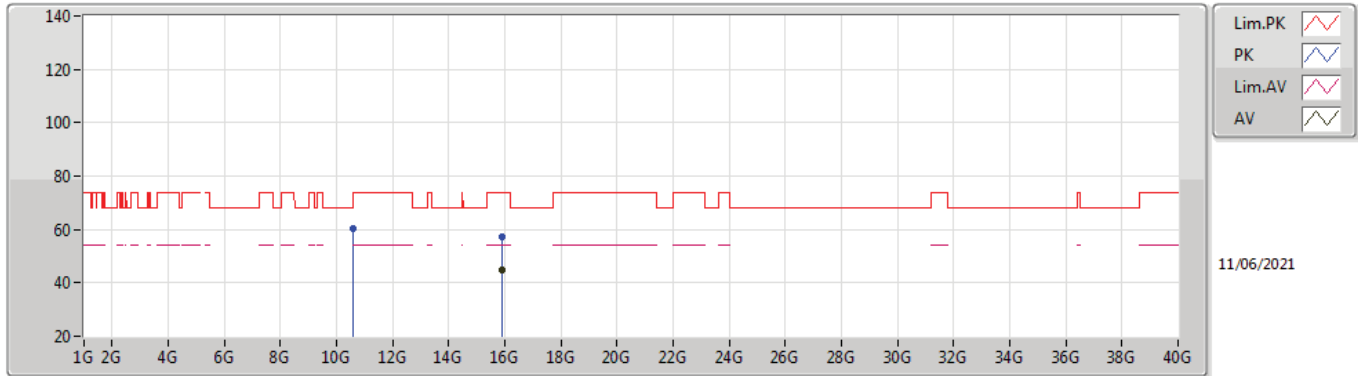


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 45.38          | 54.00          | -8.62       | 9.60        | 3        | Vertical  | 243         | 1.39       | -       | 35.78      | 32.00   | 6.78    | 29.18   |
| AV   | 5.3018G   | 113.16         | Inf            | -Inf        | 8.81        | 3        | Vertical  | 243         | 1.39       | -       | 104.35     | 31.20   | 6.80    | 29.19   |
| AV   | 5.3516G   | 52.41          | 54.00          | -1.59       | 8.72        | 3        | Vertical  | 243         | 1.39       | -       | 43.69      | 31.11   | 6.80    | 29.19   |
| PK   | 5.15G     | 55.66          | 74.00          | -18.34      | 9.60        | 3        | Vertical  | 243         | 1.39       | -       | 46.06      | 32.00   | 6.78    | 29.18   |
| PK   | 5.2976G   | 121.67         | Inf            | -Inf        | 8.82        | 3        | Vertical  | 243         | 1.39       | -       | 112.85     | 31.21   | 6.80    | 29.19   |
| PK   | 5.3522G   | 65.95          | 74.00          | -8.05       | 8.73        | 3        | Vertical  | 243         | 1.39       | -       | 57.22      | 31.12   | 6.80    | 29.19   |



802.11a\_Nss1,(6Mbps)\_2TX

5300MHz\_TX

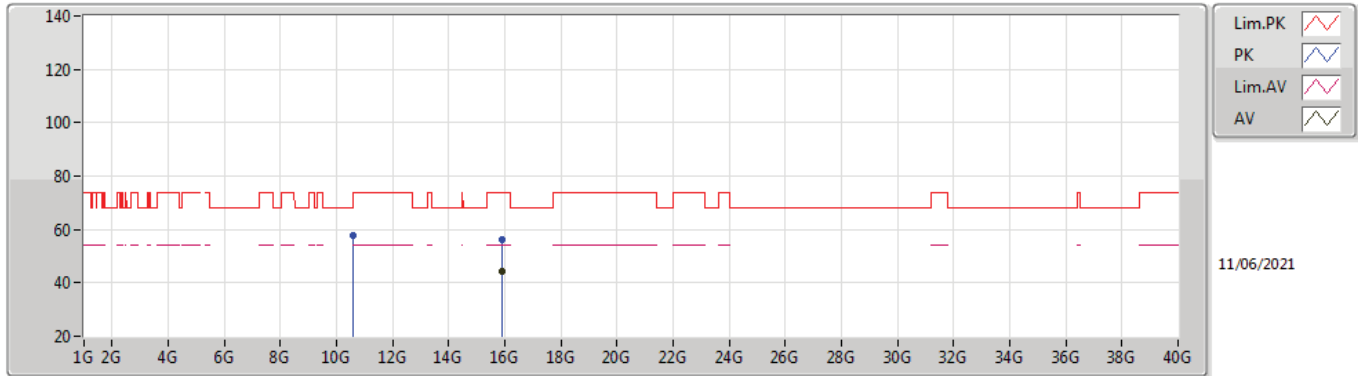


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.9G     | 44.74          | 54.00          | -9.26       | 17.39       | 3        | Vertical  | 205         | 1.49       | -       | 27.35      | 37.00   | 11.46   | 31.07   |
| PK   | 10.5964G  | 60.25          | 68.20          | -7.95       | 18.27       | 3        | Vertical  | 334         | 2.02       | -       | 41.98      | 39.60   | 9.07    | 30.40   |
| PK   | 15.89508G | 57.15          | 74.00          | -16.85      | 17.39       | 3        | Vertical  | 205         | 1.49       | -       | 39.76      | 37.01   | 11.45   | 31.07   |



802.11a\_Nss1,(6Mbps)\_2TX

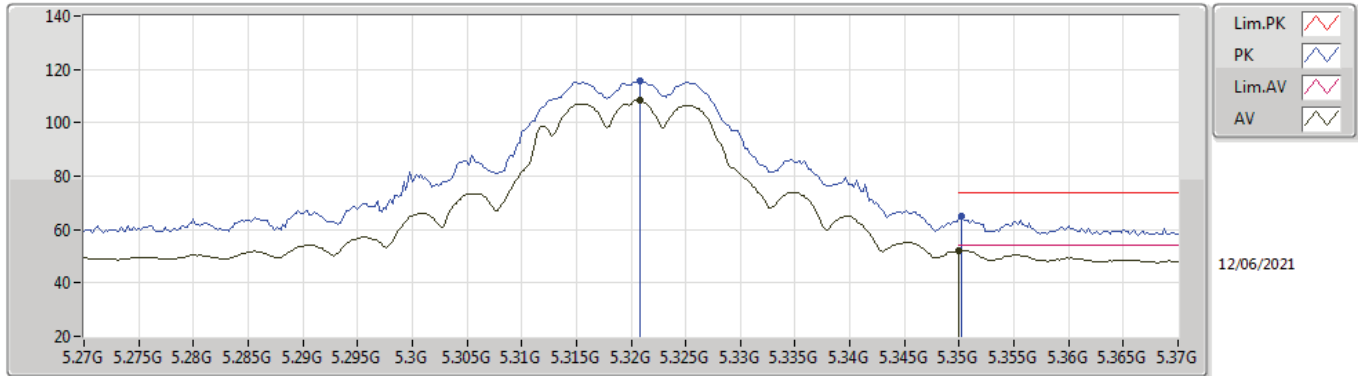
5300MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.90852G | 44.29          | 54.00          | -9.71       | 17.39       | 3        | Horizontal | 71          | 1.50       | -       | 26.90      | 37.00   | 11.46   | 31.07   |
| PK   | 10.59636G | 57.61          | 68.20          | -10.59      | 18.27       | 3        | Horizontal | 194         | 2.73       | -       | 39.34      | 39.60   | 9.07    | 30.40   |
| PK   | 15.8916G  | 56.28          | 74.00          | -17.72      | 17.41       | 3        | Horizontal | 71          | 1.50       | -       | 38.87      | 37.03   | 11.45   | 31.07   |

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

### 5320MHz\_TX

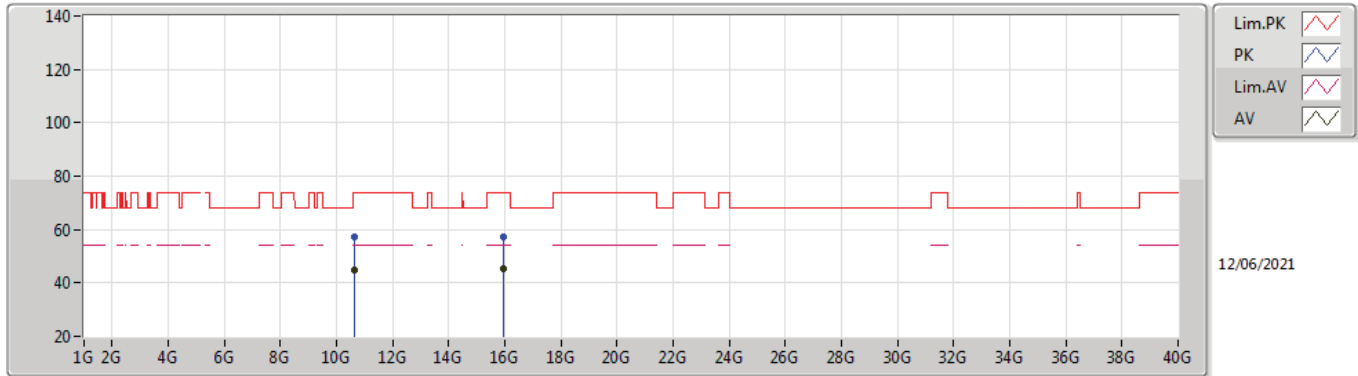


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.3208G   | 108.33         | Inf            | -Inf        | 8.77        | 3        | Vertical  | 18          | 1.58       | -       | 99.56      | 31.16   | 6.80    | 29.19   |
| AV   | 5.35G     | 52.26          | 54.00          | -1.74       | 8.71        | 3        | Vertical  | 18          | 1.58       | -       | 43.55      | 31.10   | 6.80    | 29.19   |
| PK   | 5.3208G   | 115.91         | Inf            | -Inf        | 8.77        | 3        | Vertical  | 18          | 1.58       | -       | 107.14     | 31.16   | 6.80    | 29.19   |
| PK   | 5.3502G   | 65.19          | 74.00          | -8.81       | 8.71        | 3        | Vertical  | 18          | 1.58       | -       | 56.48      | 31.10   | 6.80    | 29.19   |



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

### 5320MHz\_TX

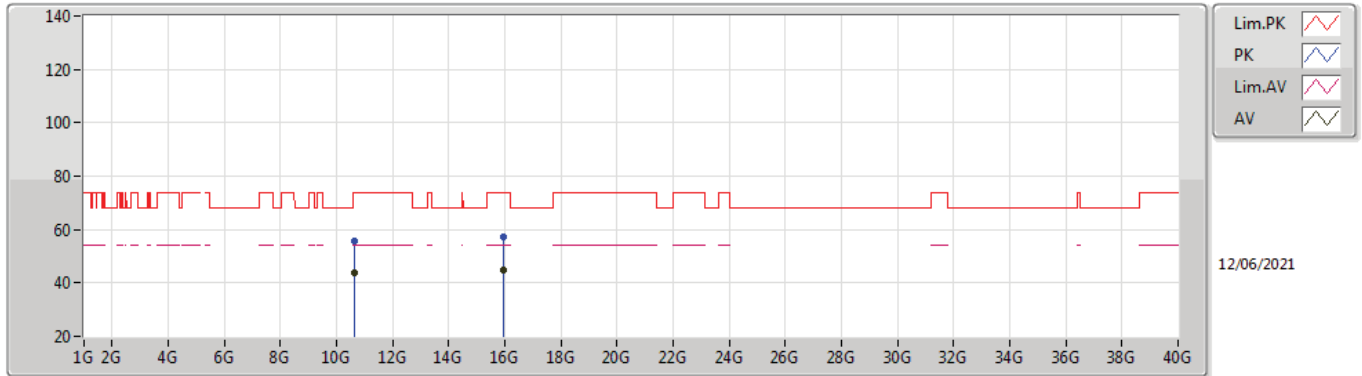


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 10.63792G    | 45.04             | 54.00             | -8.96          | 18.36          | 3           | Vertical  | 340            | 1.93          | -       | 26.68         | 39.68      | 9.09       | 30.41      |
| AV   | 15.96032G    | 45.12             | 54.00             | -8.88          | 17.40          | 3           | Vertical  | 150            | 2.53          | -       | 27.72         | 37.00      | 11.48      | 31.08      |
| PK   | 10.6442G     | 57.17             | 74.00             | -16.83         | 18.37          | 3           | Vertical  | 340            | 1.93          | -       | 38.80         | 39.69      | 9.09       | 30.41      |
| PK   | 15.95852G    | 57.25             | 74.00             | -16.75         | 17.40          | 3           | Vertical  | 150            | 2.53          | -       | 39.85         | 37.00      | 11.48      | 31.08      |



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

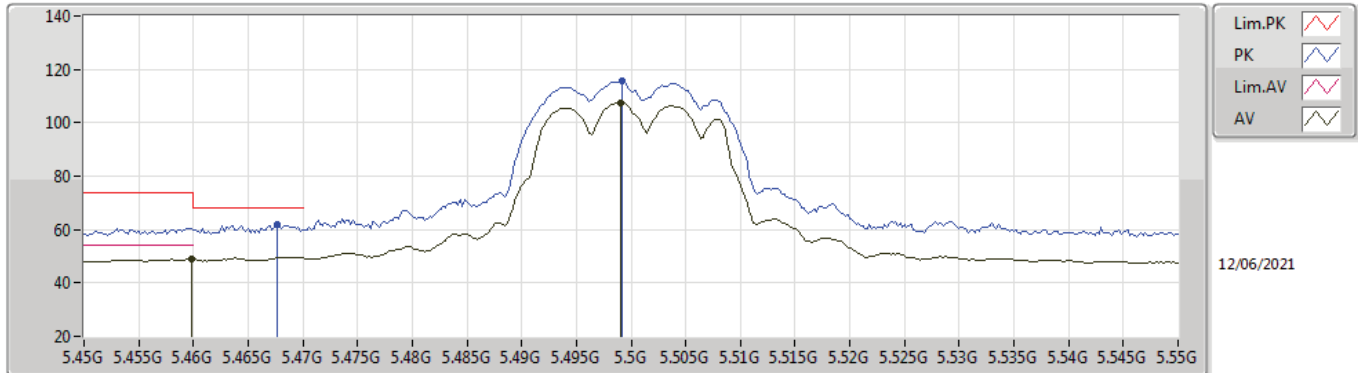
### 5320MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.63356G | 44.00          | 54.00          | -10.00      | 18.35       | 3        | Horizontal | 150         | 1.35       | -       | 25.65      | 39.67   | 9.09    | 30.41   |
| AV   | 15.95656G | 44.86          | 54.00          | -9.14       | 17.40       | 3        | Horizontal | 325         | 1.50       | -       | 27.46      | 37.00   | 11.48   | 31.08   |
| PK   | 10.63824G | 55.75          | 74.00          | -18.25      | 18.36       | 3        | Horizontal | 150         | 1.35       | -       | 37.39      | 39.68   | 9.09    | 30.41   |
| PK   | 15.96392G | 57.30          | 74.00          | -16.70      | 17.40       | 3        | Horizontal | 325         | 1.50       | -       | 39.90      | 37.00   | 11.48   | 31.08   |

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

### 5500MHz\_TX

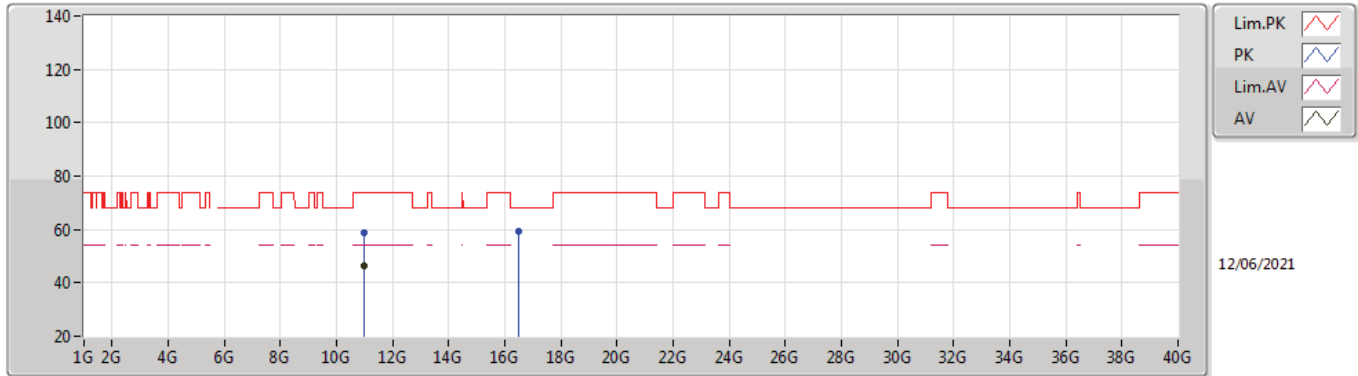


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4598G   | 49.16          | 54.00          | -4.84       | 9.27        | 3        | Vertical  | 0           | 1.50       | -       | 39.89      | 31.64   | 6.83    | 29.20   |
| AV   | 5.499G    | 107.67         | Inf            | -Inf        | 9.45        | 3        | Vertical  | 0           | 1.50       | -       | 98.22      | 31.80   | 6.85    | 29.20   |
| PK   | 5.4676G   | 61.67          | 68.20          | -6.53       | 9.30        | 3        | Vertical  | 0           | 1.50       | -       | 52.37      | 31.67   | 6.83    | 29.20   |
| PK   | 5.4992G   | 115.73         | Inf            | -Inf        | 9.45        | 3        | Vertical  | 0           | 1.50       | -       | 106.28     | 31.80   | 6.85    | 29.20   |



802.11a\_Nss1,(6Mbps)\_2TX

5500MHz\_TX



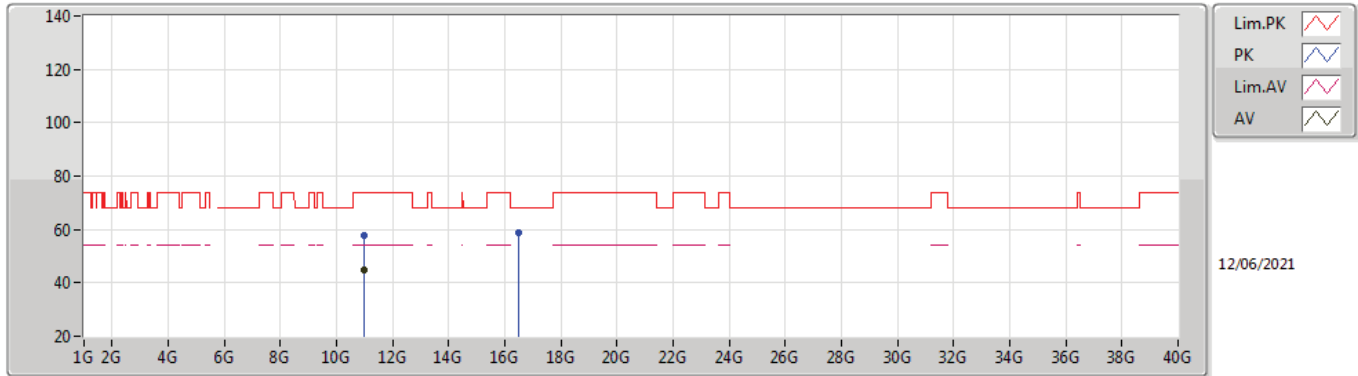
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.00356G | 46.27          | 54.00          | -7.73       | 19.09       | 3        | Vertical  | 184         | 2.93       | -       | 27.18      | 40.29   | 9.25    | 30.45   |
| PK   | 10.9936G  | 58.60          | 74.00          | -15.40      | 19.09       | 3        | Vertical  | 184         | 2.93       | -       | 39.51      | 40.29   | 9.25    | 30.45   |
| PK   | 16.5028G  | 59.37          | 68.20          | -8.83       | 19.51       | 3        | Vertical  | 328         | 1.15       | -       | 39.86      | 38.80   | 11.78   | 31.07   |





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

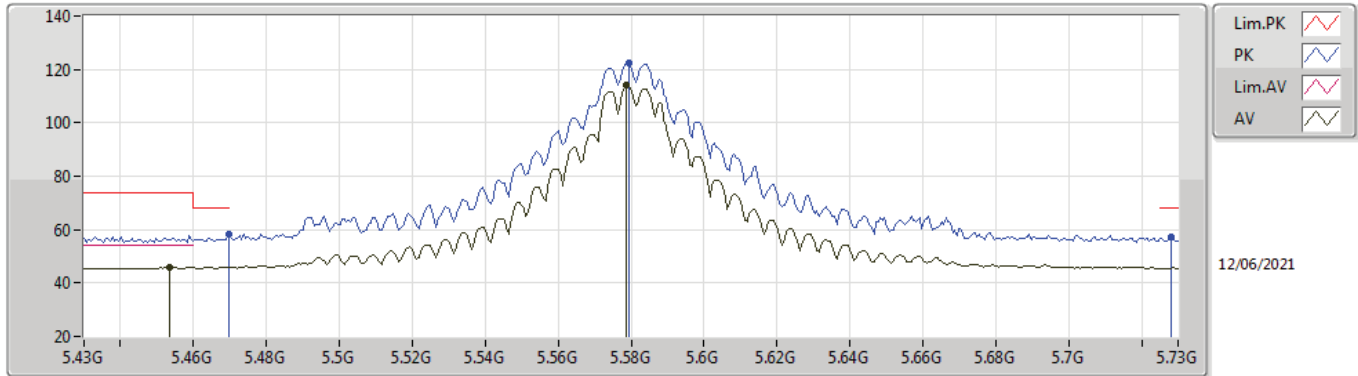
### 5500MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.9906G  | 45.02          | 54.00          | -8.98       | 19.09       | 3        | Horizontal | 131         | 1.50       | -       | 25.93      | 40.29   | 9.25    | 30.45   |
| PK   | 10.99412G | 57.57          | 74.00          | -16.43      | 19.09       | 3        | Horizontal | 131         | 1.50       | -       | 38.48      | 40.29   | 9.25    | 30.45   |
| PK   | 16.5096G  | 58.98          | 68.20          | -9.22       | 19.50       | 3        | Horizontal | 163         | 1.50       | -       | 39.48      | 38.79   | 11.78   | 31.07   |

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

### 5580MHz\_TX

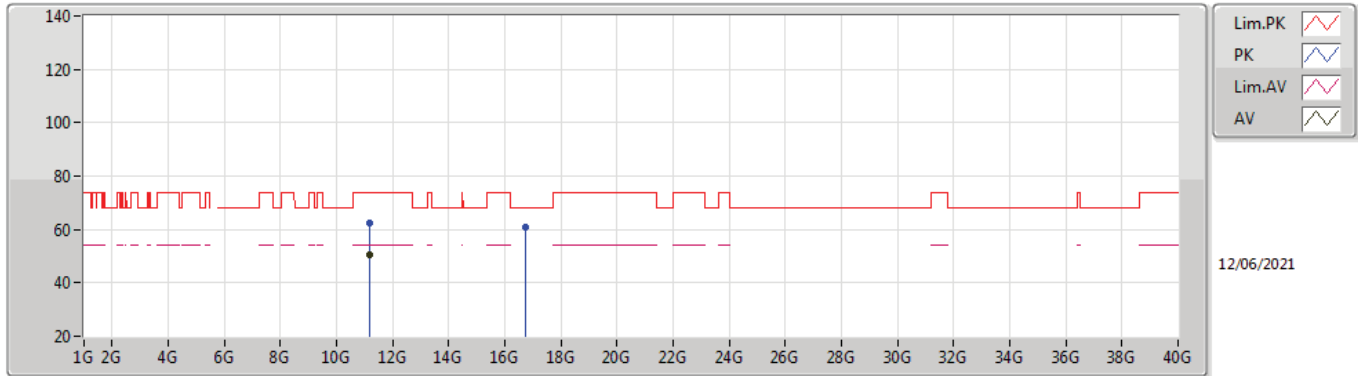


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4534G   | 45.99          | 54.00          | -8.01       | 9.24        | 3        | Vertical  | 185         | 1.63       | -       | 36.75      | 31.61   | 6.83    | 29.20   |
| AV   | 5.5788G   | 114.05         | Inf            | -Inf        | 9.36        | 3        | Vertical  | 185         | 1.63       | -       | 104.69     | 31.70   | 6.89    | 29.23   |
| PK   | 5.4696G   | 58.21          | 68.20          | -9.99       | 9.31        | 3        | Vertical  | 185         | 1.63       | -       | 48.90      | 31.68   | 6.83    | 29.20   |
| PK   | 5.5794G   | 122.46         | Inf            | -Inf        | 9.36        | 3        | Vertical  | 185         | 1.63       | -       | 113.10     | 31.70   | 6.89    | 29.23   |
| PK   | 5.7282G   | 57.14          | 68.20          | -11.06      | 9.54        | 3        | Vertical  | 185         | 1.63       | -       | 47.60      | 31.86   | 6.96    | 29.28   |



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

### 5580MHz\_TX

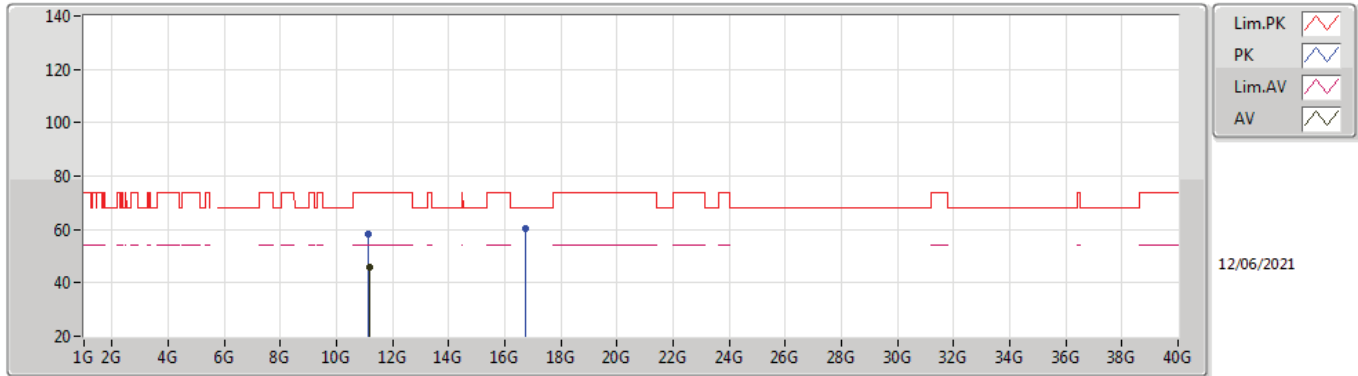


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.15808G | 50.74          | 54.00          | -3.26       | 18.67       | 3        | Vertical  | 160         | 1.33       | -       | 32.07      | 39.78   | 9.32    | 30.43   |
| PK   | 11.15828G | 62.59          | 74.00          | -11.41      | 18.67       | 3        | Vertical  | 160         | 1.33       | -       | 43.92      | 39.78   | 9.32    | 30.43   |
| PK   | 16.74928G | 60.82          | 68.20          | -7.38       | 20.71       | 3        | Vertical  | 208         | 2.25       | -       | 40.11      | 39.74   | 11.91   | 30.94   |



802.11a\_Nss1,(6Mbps)\_2TX

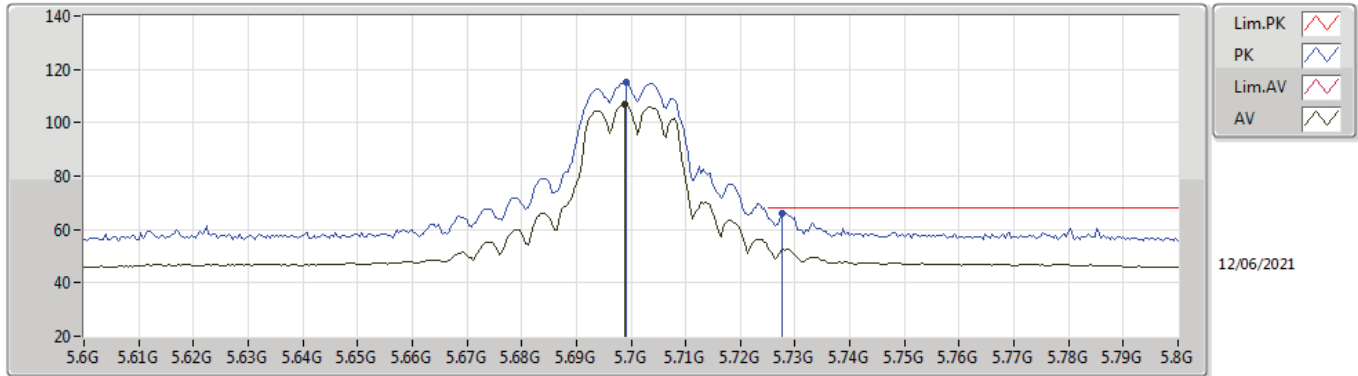
5580MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.15844G | 45.76          | 54.00          | -8.24       | 18.67       | 3        | Horizontal | 152         | 1.32       | -       | 27.09      | 39.78   | 9.32    | 30.43   |
| PK   | 11.1538G  | 58.25          | 74.00          | -15.75      | 18.68       | 3        | Horizontal | 152         | 1.32       | -       | 39.57      | 39.79   | 9.32    | 30.43   |
| PK   | 16.74632G | 60.25          | 68.20          | -7.95       | 20.69       | 3        | Horizontal | 122         | 2.26       | -       | 39.56      | 39.72   | 11.91   | 30.94   |

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

### 5700MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.6988G   | 106.98         | Inf            | -Inf        | 9.48        | 3        | Vertical  | 336         | 1.48       | -       | 97.50      | 31.80   | 6.95    | 29.27   |
| PK   | 5.6992G   | 115.03         | Inf            | -Inf        | 9.48        | 3        | Vertical  | 336         | 1.48       | -       | 105.55     | 31.80   | 6.95    | 29.27   |
| PK   | 5.7276G   | 66.20          | 68.20          | -2.00       | 9.54        | 3        | Vertical  | 336         | 1.48       | -       | 56.66      | 31.86   | 6.96    | 29.28   |



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

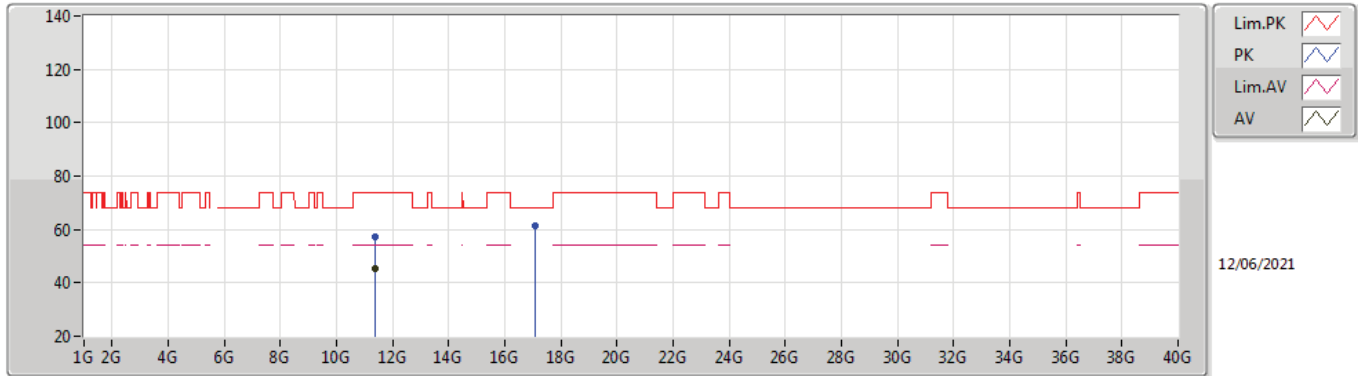
### 5700MHz\_TX



| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL    | PA    |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|-------|-------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB)  | (dB)  |
| AV   | 11.39724G | 46.01    | 54.00    | -7.99  | 19.03  | 3    | Vertical  | 139     | 2.93   | -       | 26.98  | 39.99 | 9.43  | 30.39 |
| PK   | 11.40268G | 57.57    | 74.00    | -16.43 | 19.04  | 3    | Vertical  | 139     | 2.93   | -       | 38.53  | 40.00 | 9.43  | 30.39 |
| PK   | 17.10072G | 61.49    | 68.20    | -6.71  | 21.33  | 3    | Vertical  | 253     | 1.50   | -       | 40.16  | 40.00 | 12.11 | 30.78 |

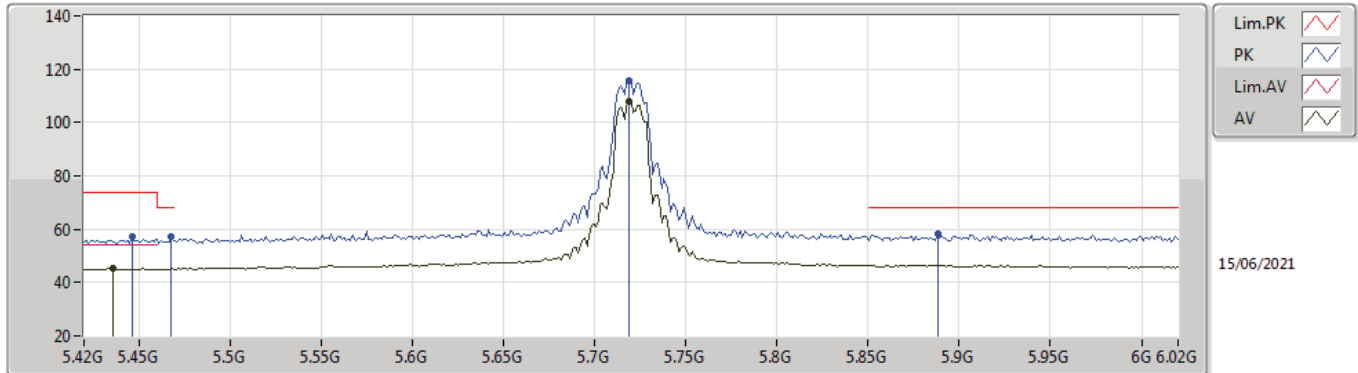
### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.3994G     | 45.10             | 54.00             | -8.90          | 19.04          | 3           | Horizontal | 0              | 2.57          | -       | 26.06         | 40.00      | 9.43       | 30.39      |
| PK   | 11.39992G    | 57.49             | 74.00             | -16.51         | 19.04          | 3           | Horizontal | 0              | 2.57          | -       | 38.45         | 40.00      | 9.43       | 30.39      |
| PK   | 17.10456G    | 61.42             | 68.20             | -6.78          | 21.33          | 3           | Horizontal | 183            | 1.37          | -       | 40.09         | 40.00      | 12.11      | 30.78      |

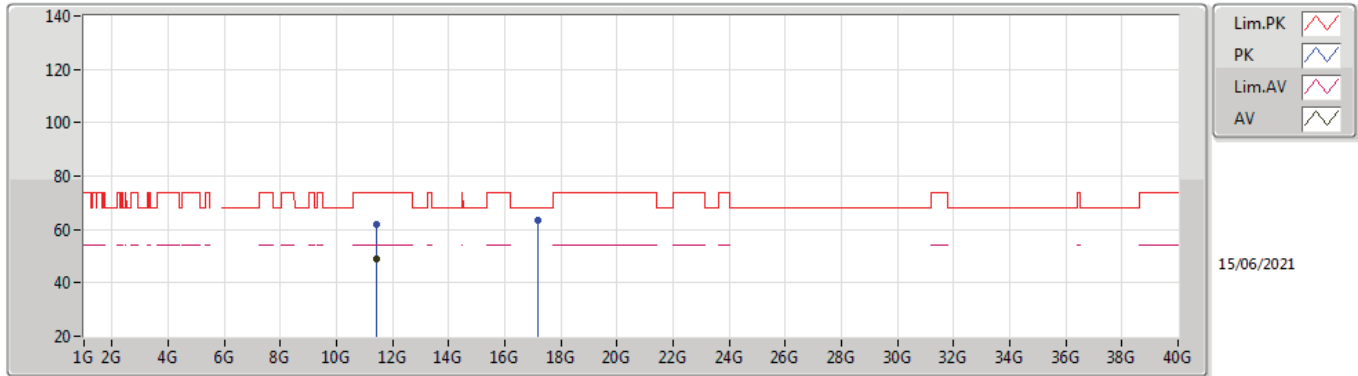
**802.11a\_Nss1,(6Mbps)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4356G   | 45.28          | 54.00          | -8.72       | 9.19        | 3        | Vertical  | 0           | 1.84       | -       | 36.09      | 31.57   | 6.82    | 29.20   |
| AV   | 5.7188G   | 107.85         | Inf            | -Inf        | 9.53        | 3        | Vertical  | 0           | 1.84       | -       | 98.32      | 31.84   | 6.96    | 29.27   |
| PK   | 5.4464G   | 57.04          | 74.00          | -16.96      | 9.21        | 3        | Vertical  | 0           | 1.84       | -       | 47.83      | 31.59   | 6.82    | 29.20   |
| PK   | 5.468G    | 57.12          | 68.20          | -11.08      | 9.30        | 3        | Vertical  | 0           | 1.84       | -       | 47.82      | 31.67   | 6.83    | 29.20   |
| PK   | 5.7188G   | 115.85         | Inf            | -Inf        | 9.53        | 3        | Vertical  | 0           | 1.84       | -       | 106.32     | 31.84   | 6.96    | 29.27   |
| PK   | 5.888G    | 58.38          | 68.20          | -9.82       | 9.89        | 3        | Vertical  | 0           | 1.84       | -       | 48.49      | 32.18   | 7.04    | 29.33   |

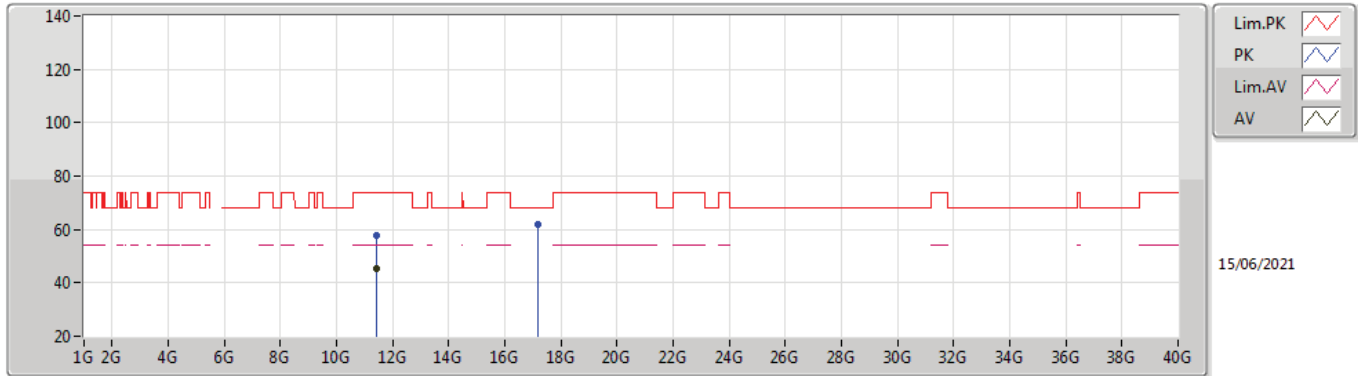


**802.11a\_Nss1,(6Mbps)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.44204G | 49.22          | 54.00          | -4.78       | 19.02       | 3        | Vertical  | 268         | 1.97       | -       | 30.20      | 39.96   | 9.45    | 30.39   |
| PK   | 11.44186G | 61.67          | 74.00          | -12.33      | 19.02       | 3        | Vertical  | 268         | 1.97       | -       | 42.65      | 39.96   | 9.45    | 30.39   |
| PK   | 17.15862G | 63.21          | 68.20          | -4.99       | 21.32       | 3        | Vertical  | 216         | 2.68       | -       | 41.89      | 39.94   | 12.14   | 30.76   |

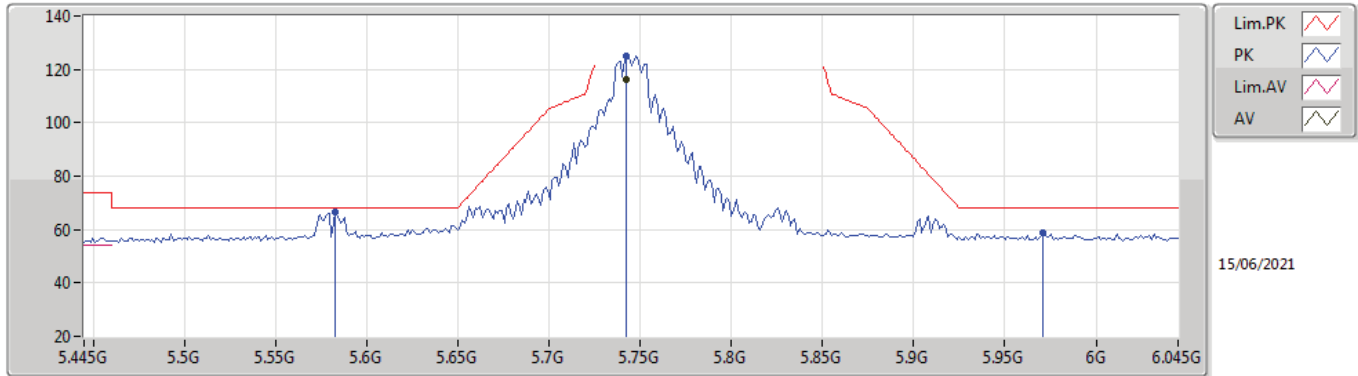
**802.11a\_Nss1,(6Mbps)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.4352G  | 45.56          | 54.00          | -8.44       | 19.02       | 3        | Horizontal | 129         | 2.00       | -       | 26.54      | 39.96   | 9.45    | 30.39   |
| PK   | 11.43352G | 57.72          | 74.00          | -16.28      | 19.03       | 3        | Horizontal | 129         | 2.00       | -       | 38.69      | 39.97   | 9.45    | 30.39   |
| PK   | 17.15916G | 62.07          | 68.20          | -6.13       | 21.32       | 3        | Horizontal | 0           | 1.50       | -       | 40.75      | 39.94   | 12.14   | 30.76   |

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

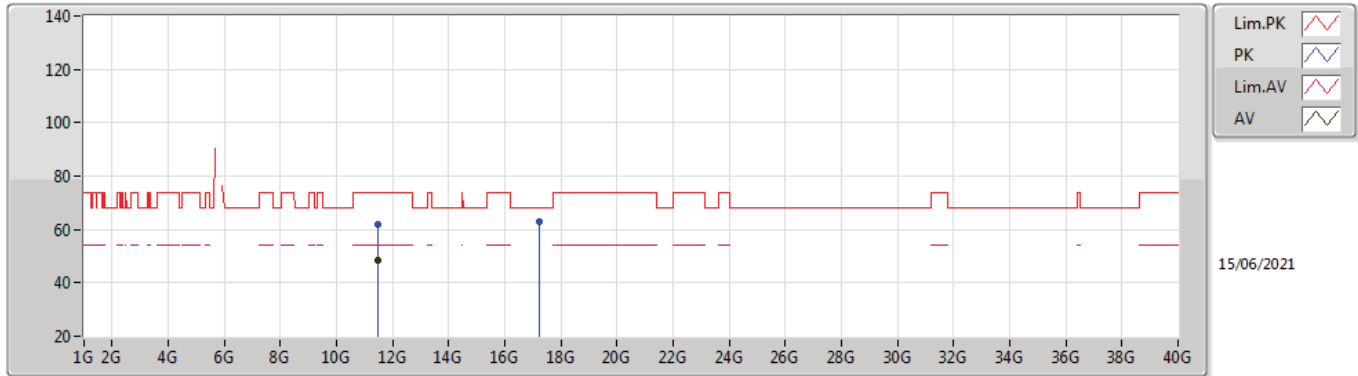
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7426G   | 115.98         | Inf            | -Inf        | 9.58        | 3        | Vertical  | 267         | 1.92       | -       | 106.40     | 31.89   | 6.97    | 29.28   |
| PK   | 5.583G    | 66.53          | 68.20          | -1.67       | 9.36        | 3        | Vertical  | 267         | 1.92       | -       | 57.17      | 31.70   | 6.89    | 29.23   |
| PK   | 5.7426G   | 125.05         | Inf            | -Inf        | 9.58        | 3        | Vertical  | 267         | 1.92       | -       | 115.47     | 31.89   | 6.97    | 29.28   |
| PK   | 5.9706G   | 58.62          | 68.20          | -9.58       | 10.09       | 3        | Vertical  | 267         | 1.92       | -       | 48.53      | 32.36   | 7.09    | 29.36   |

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

### 5745MHz\_TX

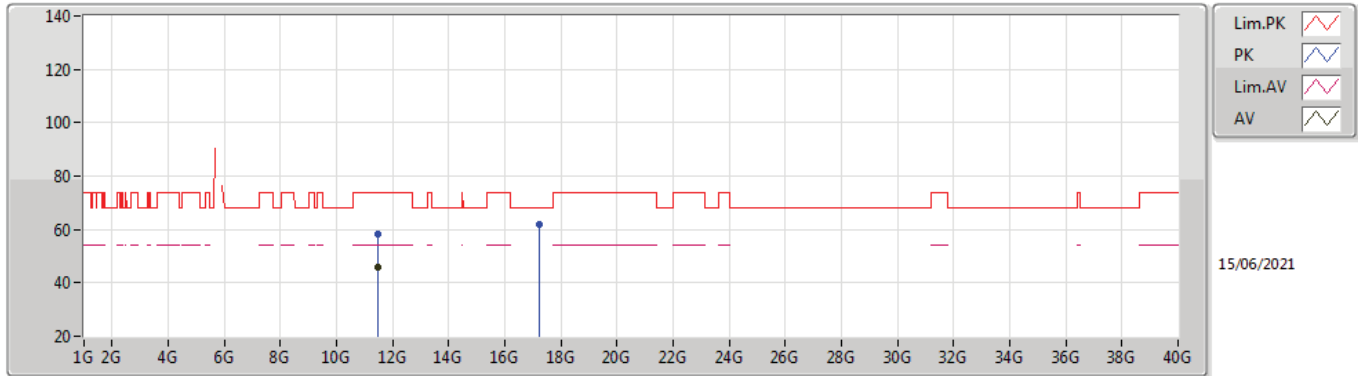


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49096G | 48.68          | 54.00          | -5.32       | 19.00       | 3        | Vertical  | 145         | 2.95       | -       | 29.68      | 39.91   | 9.47    | 30.38   |
| PK   | 11.48742G | 61.71          | 74.00          | -12.29      | 19.00       | 3        | Vertical  | 145         | 2.95       | -       | 42.71      | 39.91   | 9.47    | 30.38   |
| PK   | 17.2266G  | 63.06          | 68.20          | -5.14       | 21.33       | 3        | Vertical  | 219         | 2.03       | -       | 41.73      | 39.90   | 12.17   | 30.74   |



802.11a\_Nss1,(6Mbps)\_2TX

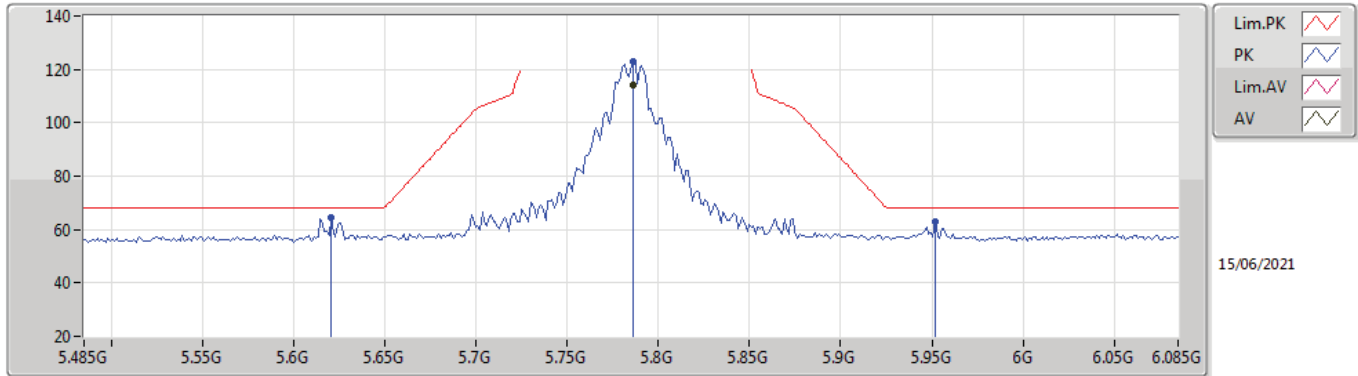
5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49054G | 45.97          | 54.00          | -8.03       | 19.00       | 3        | Horizontal | 0           | 2.86       | -       | 26.97      | 39.91   | 9.47    | 30.38   |
| PK   | 11.49882G | 58.35          | 74.00          | -15.65      | 18.99       | 3        | Horizontal | 0           | 2.86       | -       | 39.36      | 39.90   | 9.47    | 30.38   |
| PK   | 17.24676G | 61.86          | 68.20          | -6.34       | 21.35       | 3        | Horizontal | 131         | 1.25       | -       | 40.51      | 39.90   | 12.19   | 30.74   |

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

### 5785MHz\_TX

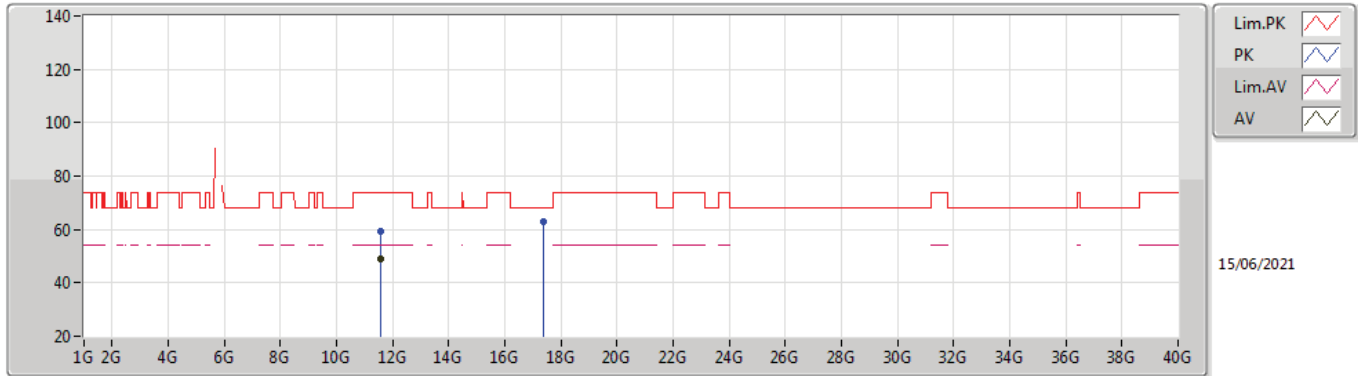


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7862G   | 114.36         | Inf            | -Inf        | 9.59        | 3        | Vertical  | 65          | 1.88       | -       | 104.77     | 31.90   | 6.99    | 29.30   |
| PK   | 5.6206G   | 64.65          | 68.20          | -3.55       | 9.33        | 3        | Vertical  | 65          | 1.88       | -       | 55.32      | 31.66   | 6.91    | 29.24   |
| PK   | 5.7862G   | 123.03         | Inf            | -Inf        | 9.59        | 3        | Vertical  | 65          | 1.88       | -       | 113.44     | 31.90   | 6.99    | 29.30   |
| PK   | 5.9518G   | 63.01          | 68.20          | -5.19       | 10.13       | 3        | Vertical  | 65          | 1.88       | -       | 52.88      | 32.40   | 7.08    | 29.35   |



802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX

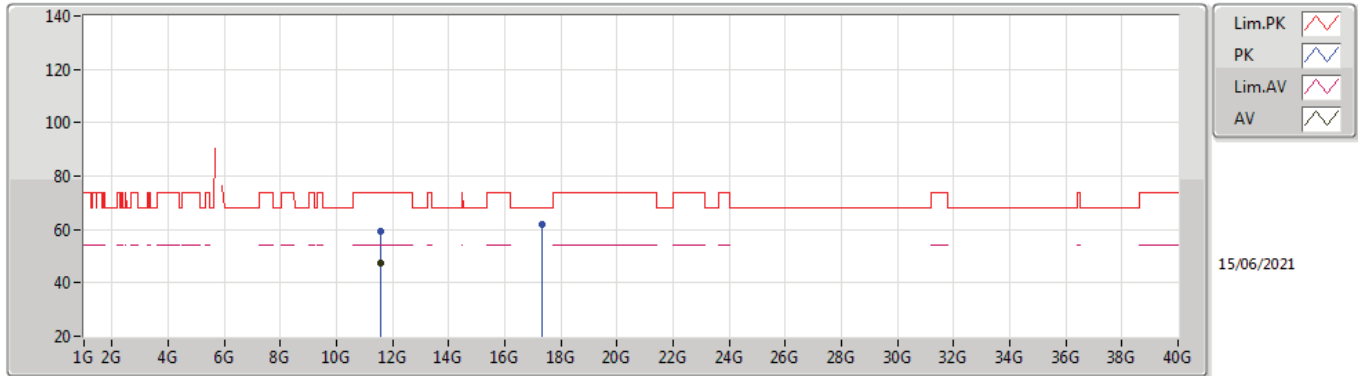


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.56808G | 48.97          | 54.00          | -5.03       | 18.98       | 3        | Vertical  | 153         | 2.75       | -       | 29.99      | 39.83   | 9.51    | 30.36   |
| PK   | 11.5757G  | 59.25          | 74.00          | -14.75      | 18.98       | 3        | Vertical  | 153         | 2.75       | -       | 40.27      | 39.82   | 9.51    | 30.35   |
| PK   | 17.36544G | 62.86          | 68.20          | -5.34       | 21.97       | 3        | Vertical  | 158         | 1.12       | -       | 40.89      | 40.42   | 12.25   | 30.70   |



802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX

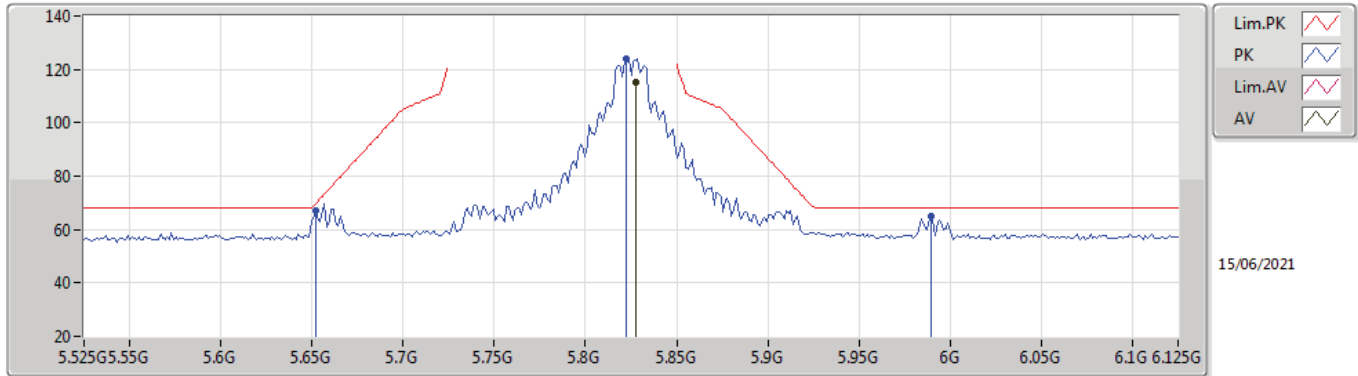


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.5715G  | 47.62          | 54.00          | -6.38       | 18.98       | 3        | Horizontal | 296         | 2.00       | -       | 28.64      | 39.83   | 9.51    | 30.36   |
| PK   | 11.5586G  | 59.13          | 74.00          | -14.87      | 18.98       | 3        | Horizontal | 296         | 2.00       | -       | 40.15      | 39.84   | 9.50    | 30.36   |
| PK   | 17.34108G | 62.07          | 68.20          | -6.13       | 21.76       | 3        | Horizontal | 273         | 1.86       | -       | 40.31      | 40.23   | 12.24   | 30.71   |



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

### 5825MHz\_TX

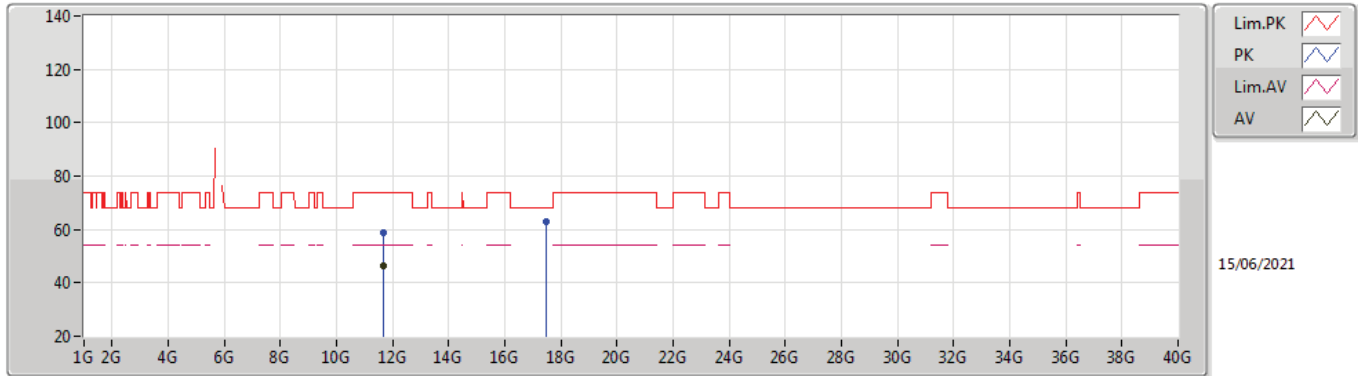


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8274G   | 115.41         | Inf            | -Inf        | 9.71        | 3        | Vertical  | 267         | 1.88       | -       | 105.70     | 32.01   | 7.01    | 29.31   |
| PK   | 5.6522G   | 66.93          | 69.83          | -2.90       | 9.29        | 3        | Vertical  | 267         | 1.88       | -       | 57.64      | 31.61   | 6.93    | 29.25   |
| PK   | 5.8226G   | 124.20         | Inf            | -Inf        | 9.69        | 3        | Vertical  | 267         | 1.88       | -       | 114.51     | 31.99   | 7.01    | 29.31   |
| PK   | 5.9894G   | 65.02          | 68.20          | -3.18       | 10.04       | 3        | Vertical  | 267         | 1.88       | -       | 54.98      | 32.32   | 7.09    | 29.37   |



802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX

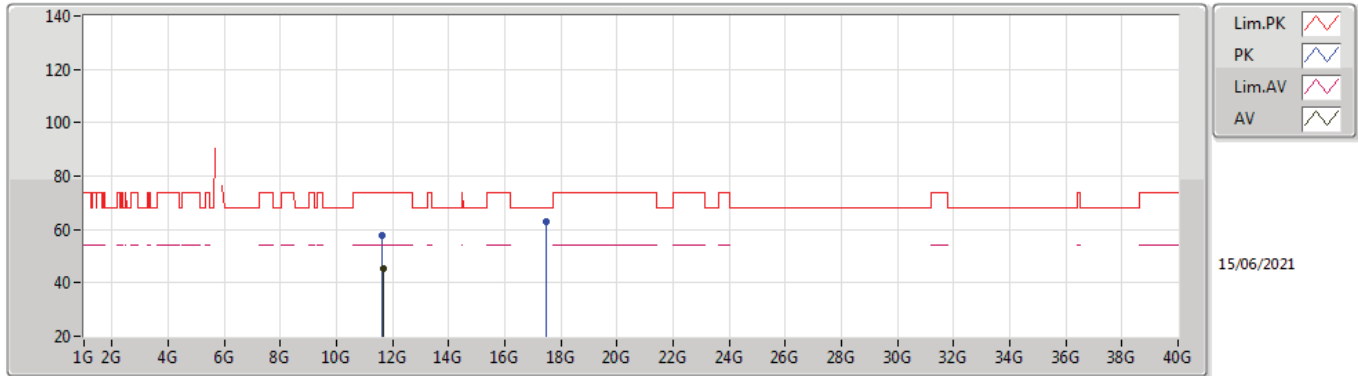


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.64862G | 46.48          | 54.00          | -7.52       | 18.77       | 3        | Vertical  | 155         | 2.97       | -       | 27.71      | 39.56   | 9.54    | 30.33   |
| PK   | 11.64868G | 58.63          | 74.00          | -15.37      | 18.77       | 3        | Vertical  | 155         | 2.97       | -       | 39.86      | 39.56   | 9.54    | 30.33   |
| PK   | 17.4756G  | 63.12          | 68.20          | -5.08       | 22.64       | 3        | Vertical  | 21          | 1.50       | -       | 40.48      | 41.00   | 12.31   | 30.67   |



802.11a\_Nss1,(6Mbps)\_2TX

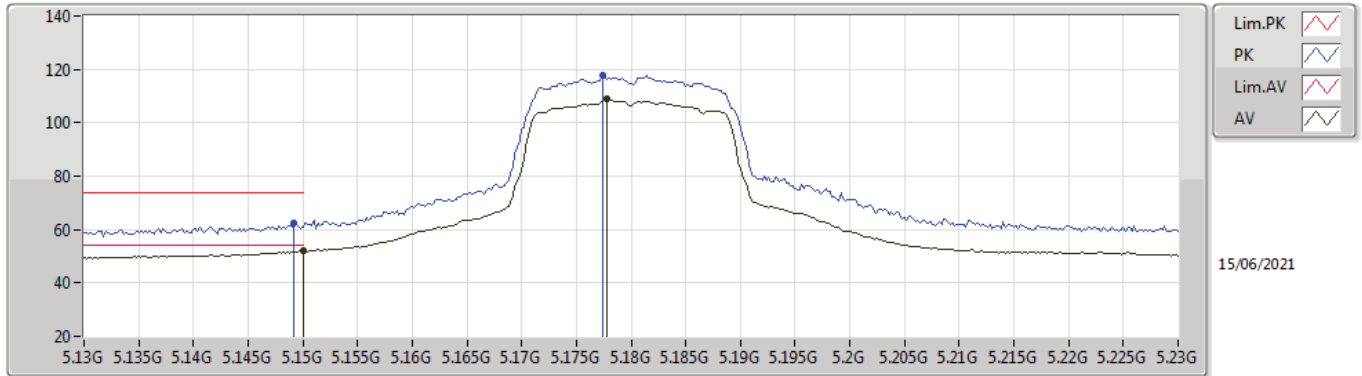
5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.65618G | 45.35          | 54.00          | -8.65       | 18.74       | 3        | Horizontal | 287         | 2.40       | -       | 26.61      | 39.52   | 9.55    | 30.33   |
| PK   | 11.64388G | 57.67          | 74.00          | -16.33      | 18.79       | 3        | Horizontal | 287         | 2.40       | -       | 38.88      | 39.58   | 9.54    | 30.33   |
| PK   | 17.46966G | 62.93          | 68.20          | -5.27       | 22.62       | 3        | Horizontal | 354         | 2.00       | -       | 40.31      | 40.98   | 12.31   | 30.67   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

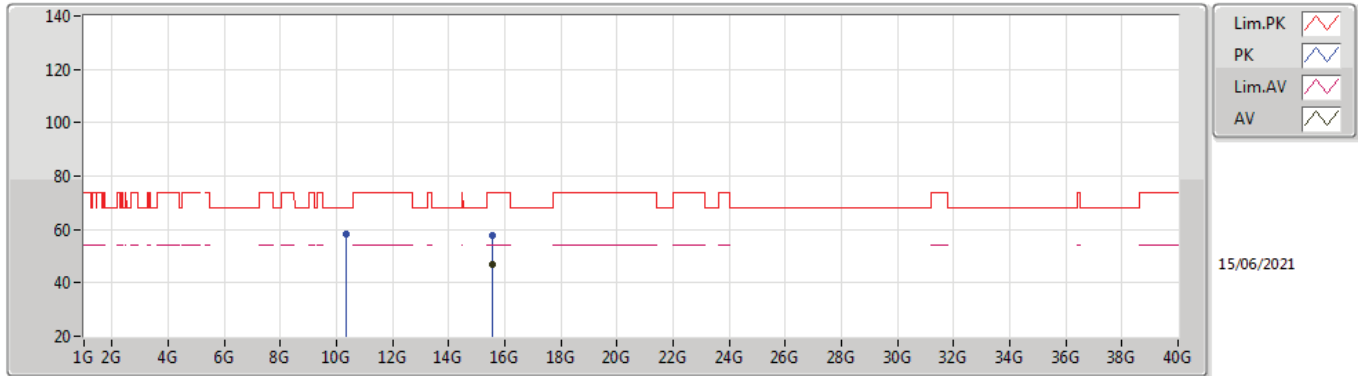
### 5180MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 52.29          | 54.00          | -1.71       | 9.60        | 3        | Vertical  | 267         | 1.98       | -       | 42.69      | 32.00   | 6.78    | 29.18   |
| AV   | 5.1778G   | 108.71         | Inf            | -Inf        | 9.55        | 3        | Vertical  | 267         | 1.98       | -       | 99.16      | 31.94   | 6.79    | 29.18   |
| PK   | 5.1492G   | 62.39          | 74.00          | -11.61      | 9.59        | 3        | Vertical  | 267         | 1.98       | -       | 52.80      | 32.00   | 6.77    | 29.18   |
| PK   | 5.1774G   | 117.88         | Inf            | -Inf        | 9.56        | 3        | Vertical  | 267         | 1.98       | -       | 108.32     | 31.95   | 6.79    | 29.18   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

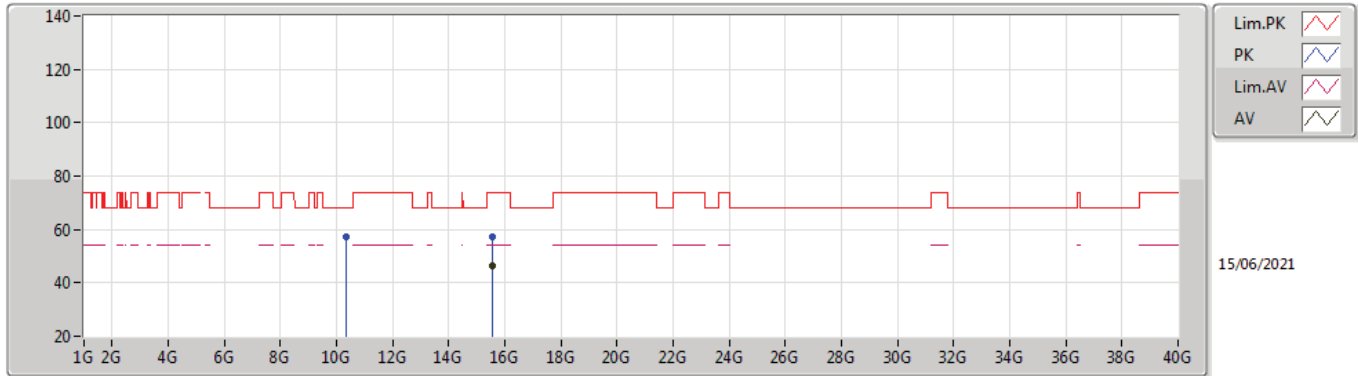
### 5180MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.53574G | 46.64          | 54.00          | -7.36       | 18.35       | 3        | Vertical  | 338         | 2.17       | -       | 28.29      | 38.09   | 11.29   | 31.03   |
| PK   | 10.36438G | 58.16          | 68.20          | -10.04      | 18.07       | 3        | Vertical  | 193         | 1.00       | -       | 40.09      | 39.46   | 8.96    | 30.35   |
| PK   | 15.5439G  | 57.99          | 74.00          | -16.01      | 18.30       | 3        | Vertical  | 338         | 2.17       | -       | 39.69      | 38.04   | 11.29   | 31.03   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

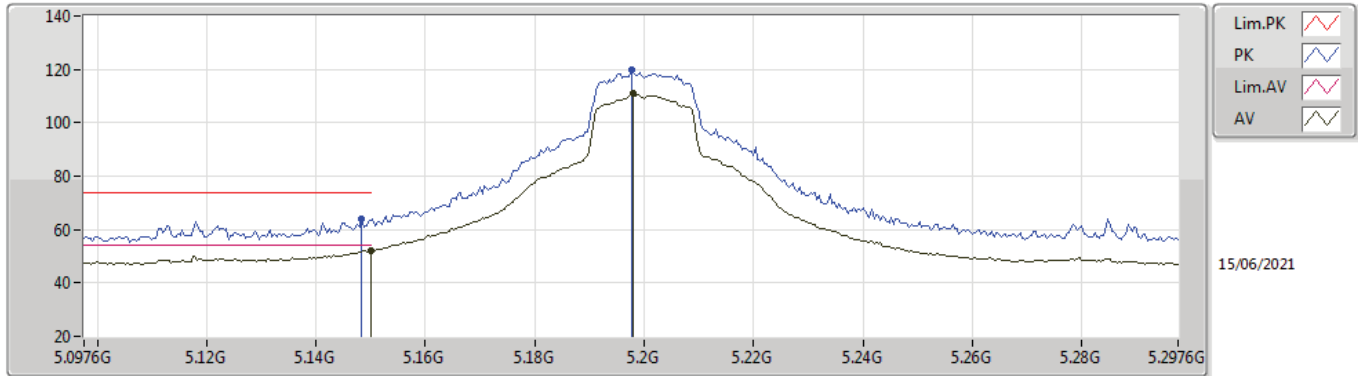
### 5180MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.54522G | 46.50          | 54.00          | -7.50       | 18.30       | 3        | Horizontal | 219         | 1.49       | -       | 28.20      | 38.03   | 11.30   | 31.03   |
| PK   | 10.3468G  | 57.20          | 68.20          | -11.00      | 18.01       | 3        | Horizontal | 82          | 1.14       | -       | 39.19      | 39.39   | 8.96    | 30.34   |
| PK   | 15.53994G | 57.46          | 74.00          | -16.54      | 18.32       | 3        | Horizontal | 219         | 1.49       | -       | 39.14      | 38.06   | 11.29   | 31.03   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

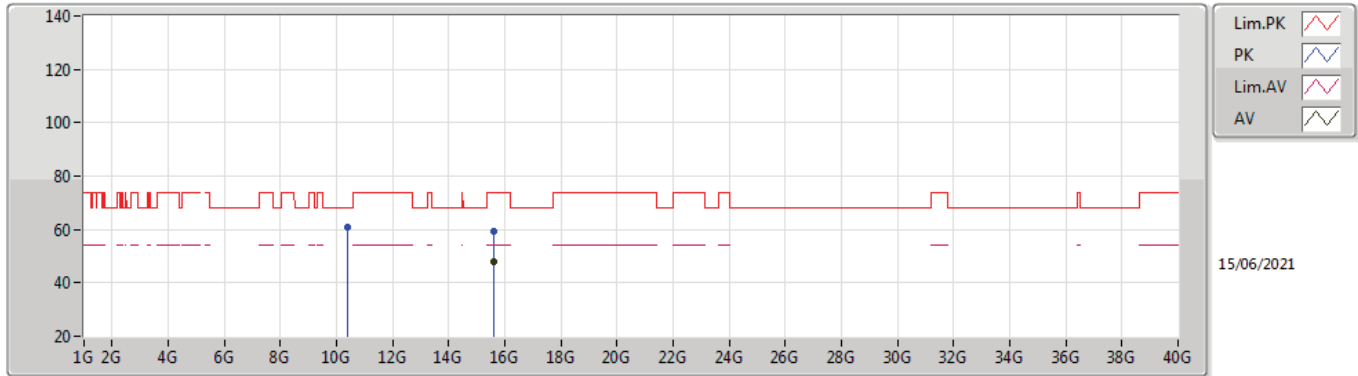


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 51.93          | 54.00          | -2.07       | 9.60        | 3        | Vertical  | 348         | 1.50       | -       | 42.33      | 32.00   | 6.78    | 29.18   |
| AV   | 5.198G    | 110.88         | Inf            | -Inf        | 9.52        | 3        | Vertical  | 348         | 1.50       | -       | 101.36     | 31.90   | 6.80    | 29.18   |
| PK   | 5.1484G   | 63.77          | 74.00          | -10.23      | 9.59        | 3        | Vertical  | 348         | 1.50       | -       | 54.18      | 32.00   | 6.77    | 29.18   |
| PK   | 5.1976G   | 119.94         | Inf            | -Inf        | 9.52        | 3        | Vertical  | 348         | 1.50       | -       | 110.42     | 31.90   | 6.80    | 29.18   |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

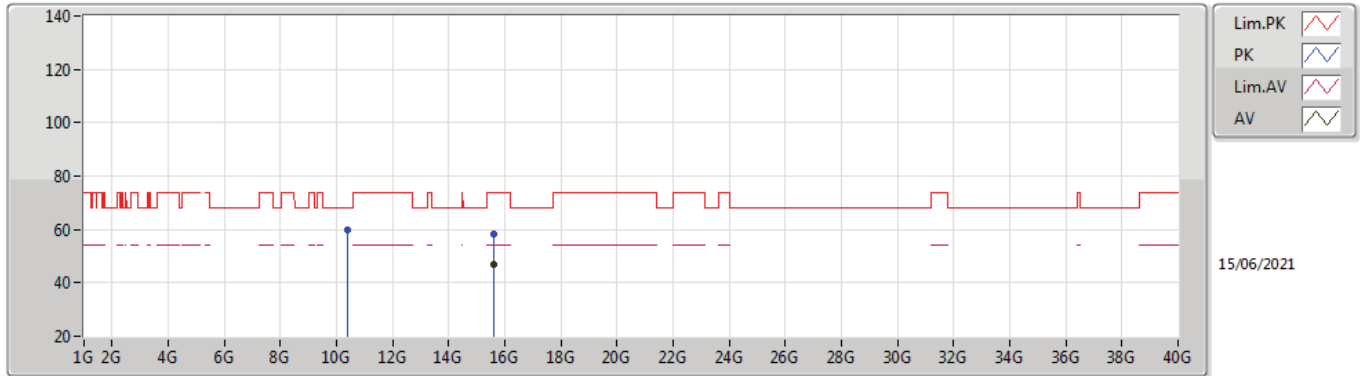


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.59952G | 47.93          | 54.00          | -6.07       | 17.98       | 3        | Vertical  | 145         | 2.38       | -       | 29.95      | 37.70   | 11.32   | 31.04   |
| PK   | 10.39868G | 60.90          | 68.20          | -7.30       | 18.21       | 3        | Vertical  | 149         | 1.52       | -       | 42.69      | 39.59   | 8.98    | 30.36   |
| PK   | 15.59976G | 59.24          | 74.00          | -14.76      | 17.98       | 3        | Vertical  | 145         | 2.38       | -       | 41.26      | 37.70   | 11.32   | 31.04   |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

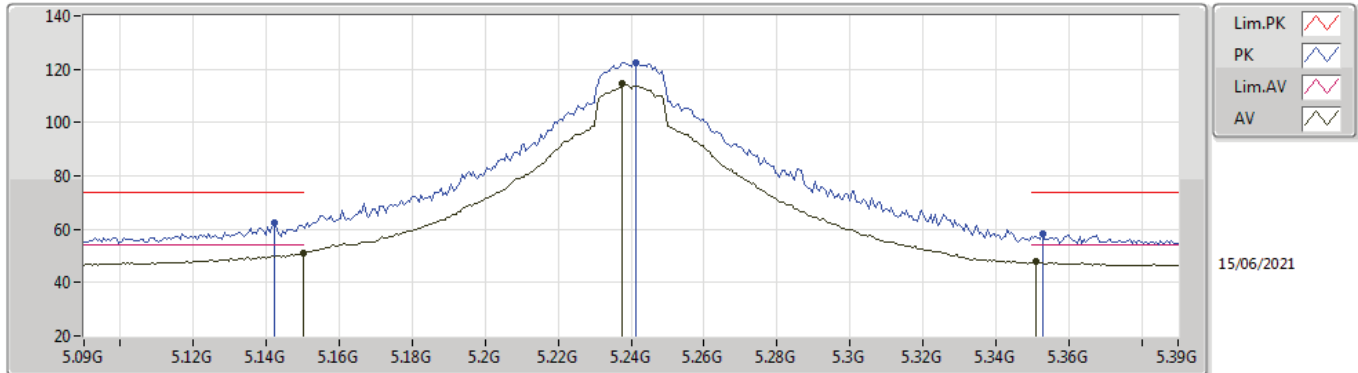
### 5200MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 15.59076G    | 46.72             | 54.00             | -7.28          | 18.04          | 3           | Horizontal | 142            | 1.49          | -       | 28.68         | 37.76      | 11.32      | 31.04      |
| PK   | 10.40102G    | 59.91             | 68.20             | -8.29          | 18.22          | 3           | Horizontal | 13             | 1.91          | -       | 41.69         | 39.60      | 8.98       | 30.36      |
| PK   | 15.5985G     | 58.07             | 74.00             | -15.93         | 17.99          | 3           | Horizontal | 142            | 1.49          | -       | 40.08         | 37.71      | 11.32      | 31.04      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

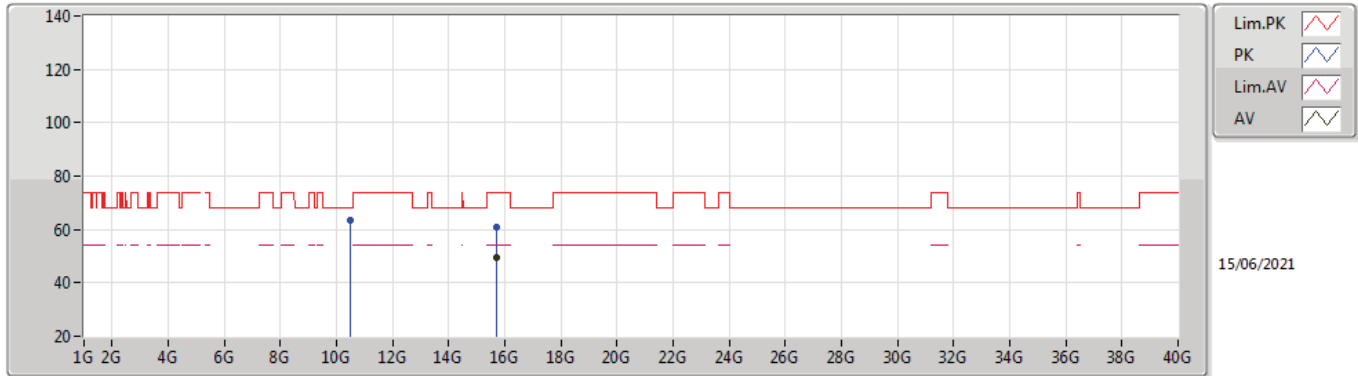
### 5240MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 51.24          | 54.00          | -2.76       | 9.60        | 3        | Vertical  | 238         | 1.96       | -       | 41.64      | 32.00   | 6.78    | 29.18   |
| AV   | 5.2376G   | 114.63         | Inf            | -Inf        | 9.22        | 3        | Vertical  | 238         | 1.96       | -       | 105.41     | 31.60   | 6.80    | 29.18   |
| AV   | 5.351G    | 47.79          | 54.00          | -6.21       | 8.72        | 3        | Vertical  | 238         | 1.96       | -       | 39.07      | 31.11   | 6.80    | 29.19   |
| PK   | 5.1422G   | 62.18          | 74.00          | -11.82      | 9.59        | 3        | Vertical  | 238         | 1.96       | -       | 52.59      | 32.00   | 6.77    | 29.18   |
| PK   | 5.2412G   | 122.60         | Inf            | -Inf        | 9.19        | 3        | Vertical  | 238         | 1.96       | -       | 113.41     | 31.57   | 6.80    | 29.18   |
| PK   | 5.3528G   | 58.10          | 74.00          | -15.90      | 8.73        | 3        | Vertical  | 238         | 1.96       | -       | 49.37      | 31.12   | 6.80    | 29.19   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

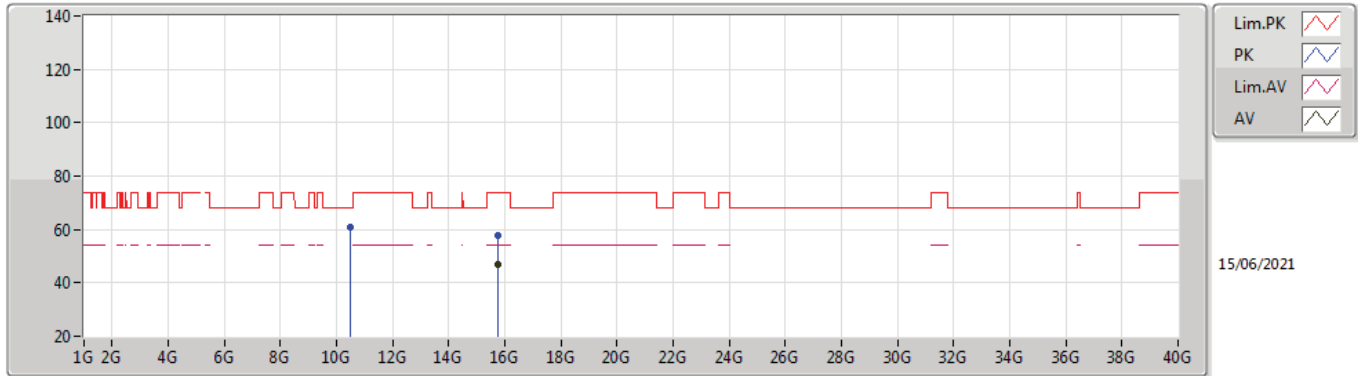
### 5240MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.72258G | 49.39          | 54.00          | -4.61       | 17.71       | 3        | Vertical  | 211         | 2.34       | -       | 31.68      | 37.38   | 11.38   | 31.05   |
| PK   | 10.47094G | 63.36          | 68.20          | -4.84       | 18.30       | 3        | Vertical  | 337         | 1.50       | -       | 45.06      | 39.67   | 9.01    | 30.38   |
| PK   | 15.71784G | 60.78          | 74.00          | -13.22      | 17.70       | 3        | Vertical  | 211         | 2.34       | -       | 43.08      | 37.38   | 11.37   | 31.05   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

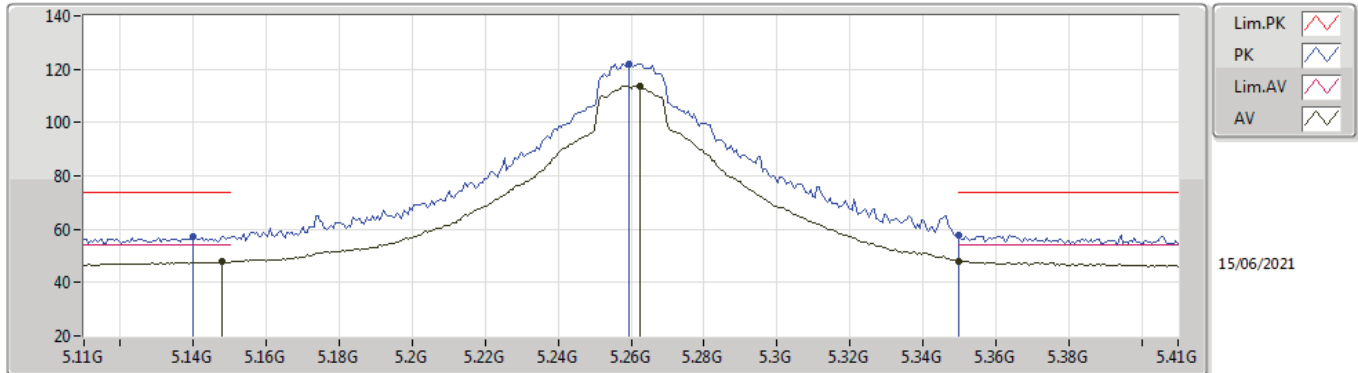
### 5240MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 15.7305G     | 46.91             | 54.00             | -7.09          | 17.70          | 3           | Horizontal | 47             | 1.15          | -       | 29.21         | 37.37      | 11.38      | 31.05      |
| PK   | 10.47658G    | 60.99             | 68.20             | -7.21          | 18.31          | 3           | Horizontal | 233            | 2.34          | -       | 42.68         | 39.68      | 9.01       | 30.38      |
| PK   | 15.73278G    | 57.68             | 74.00             | -16.32         | 17.70          | 3           | Horizontal | 47             | 1.15          | -       | 39.98         | 37.37      | 11.38      | 31.05      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

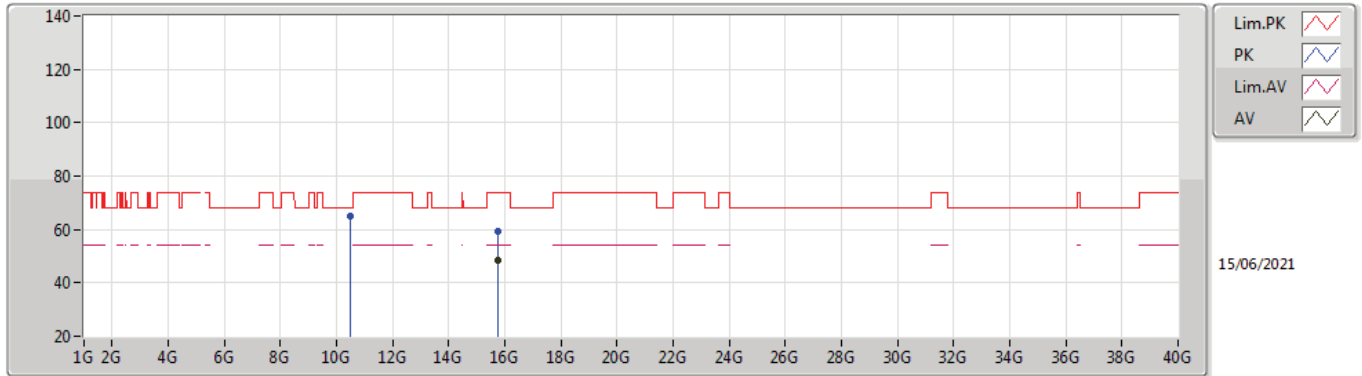
### 5260MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1478G   | 47.84          | 54.00          | -6.16       | 9.59        | 3        | Vertical  | 8           | 1.52       | -       | 38.25      | 32.00   | 6.77    | 29.18   |
| AV   | 5.2624G   | 113.71         | Inf            | -Inf        | 9.04        | 3        | Vertical  | 8           | 1.52       | -       | 104.67     | 31.43   | 6.80    | 29.19   |
| AV   | 5.35G     | 48.18          | 54.00          | -5.82       | 8.71        | 3        | Vertical  | 8           | 1.52       | -       | 39.47      | 31.10   | 6.80    | 29.19   |
| PK   | 5.14G     | 57.22          | 74.00          | -16.78      | 9.59        | 3        | Vertical  | 8           | 1.52       | -       | 47.63      | 32.00   | 6.77    | 29.18   |
| PK   | 5.2594G   | 122.15         | Inf            | -Inf        | 9.05        | 3        | Vertical  | 8           | 1.52       | -       | 113.10     | 31.44   | 6.80    | 29.19   |
| PK   | 5.35G     | 57.82          | 74.00          | -16.18      | 8.71        | 3        | Vertical  | 8           | 1.52       | -       | 49.11      | 31.10   | 6.80    | 29.19   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

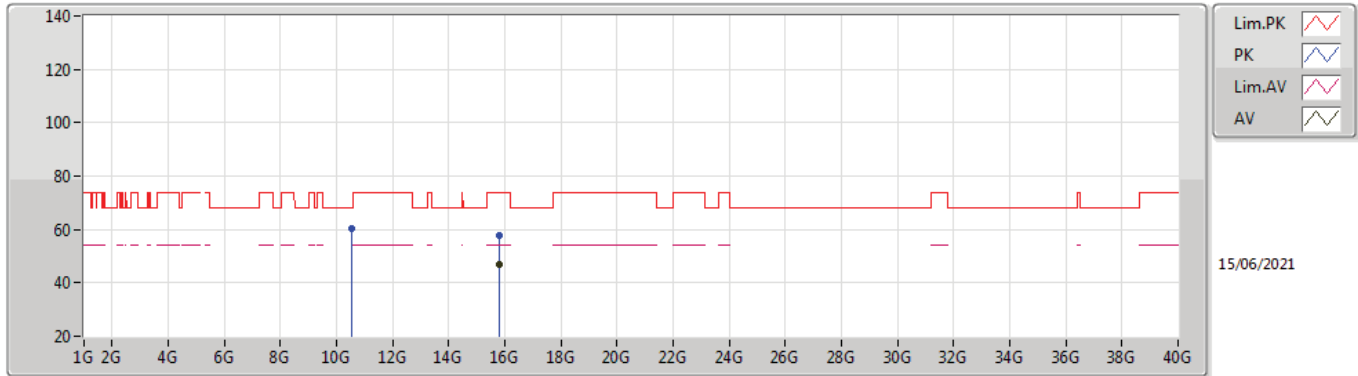
### 5260MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 15.77598G    | 48.42             | 54.00             | -5.58          | 17.66          | 3           | Vertical  | 212            | 1.09          | -       | 30.76         | 37.32      | 11.40      | 31.06      |
| PK   | 10.51622G    | 64.84             | 68.20             | -3.36          | 18.32          | 3           | Vertical  | 192            | 1.00          | -       | 46.52         | 39.68      | 9.03       | 30.39      |
| PK   | 15.7761G     | 59.55             | 74.00             | -14.45         | 17.66          | 3           | Vertical  | 212            | 1.09          | -       | 41.89         | 37.32      | 11.40      | 31.06      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

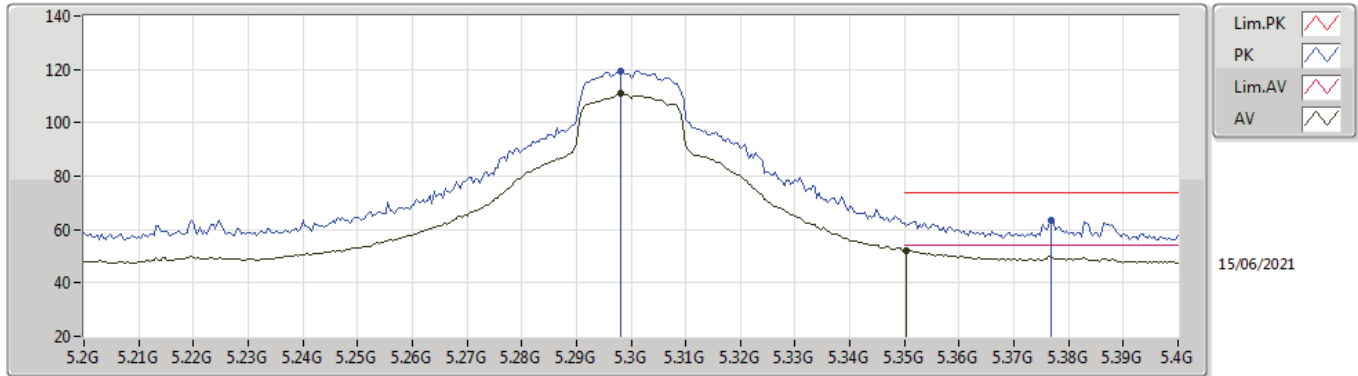
### 5260MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.77934G | 46.91          | 54.00          | -7.09       | 17.66       | 3        | Horizontal | 339         | 1.19       | -       | 29.25      | 37.32   | 11.40   | 31.06   |
| PK   | 10.51826G | 60.29          | 68.20          | -7.91       | 18.32       | 3        | Horizontal | 140         | 1.06       | -       | 41.97      | 39.68   | 9.03    | 30.39   |
| PK   | 15.78618G | 57.94          | 74.00          | -16.06      | 17.65       | 3        | Horizontal | 339         | 1.19       | -       | 40.29      | 37.31   | 11.40   | 31.06   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

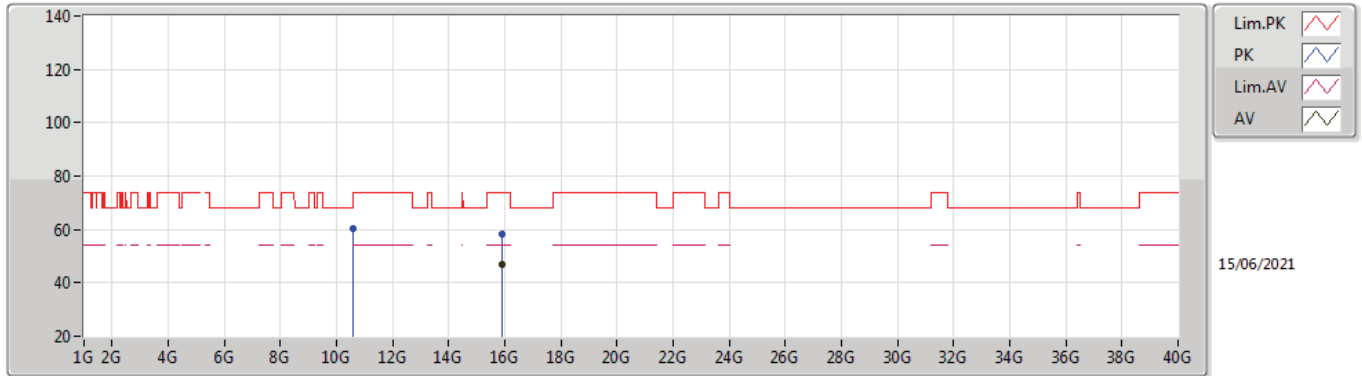


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.298G    | 110.99         | Inf            | -Inf        | 8.82        | 3        | Vertical  | 258         | 1.85       | -       | 102.17     | 31.21   | 6.80    | 29.19   |
| AV   | 5.3504G   | 52.28          | 54.00          | -1.72       | 8.71        | 3        | Vertical  | 258         | 1.85       | -       | 43.57      | 31.10   | 6.80    | 29.19   |
| PK   | 5.298G    | 119.39         | Inf            | -Inf        | 8.82        | 3        | Vertical  | 258         | 1.85       | -       | 110.57     | 31.21   | 6.80    | 29.19   |
| PK   | 5.3768G   | 63.63          | 74.00          | -10.37      | 8.92        | 3        | Vertical  | 258         | 1.85       | -       | 54.71      | 31.31   | 6.80    | 29.19   |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

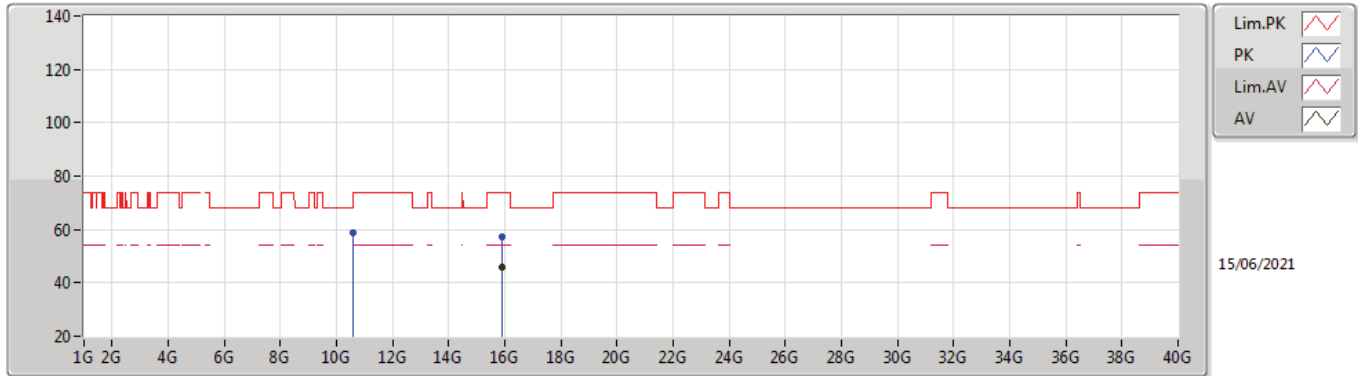
### 5300MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.8976G  | 46.69          | 54.00          | -7.31       | 17.39       | 3        | Vertical  | 221         | 2.82       | -       | 29.30      | 37.01   | 11.45   | 31.07   |
| PK   | 10.5961G  | 60.56          | 68.20          | -7.64       | 18.27       | 3        | Vertical  | 337         | 1.65       | -       | 42.29      | 39.60   | 9.07    | 30.40   |
| PK   | 15.90258G | 58.44          | 74.00          | -15.56      | 17.39       | 3        | Vertical  | 221         | 2.82       | -       | 41.05      | 37.00   | 11.46   | 31.07   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

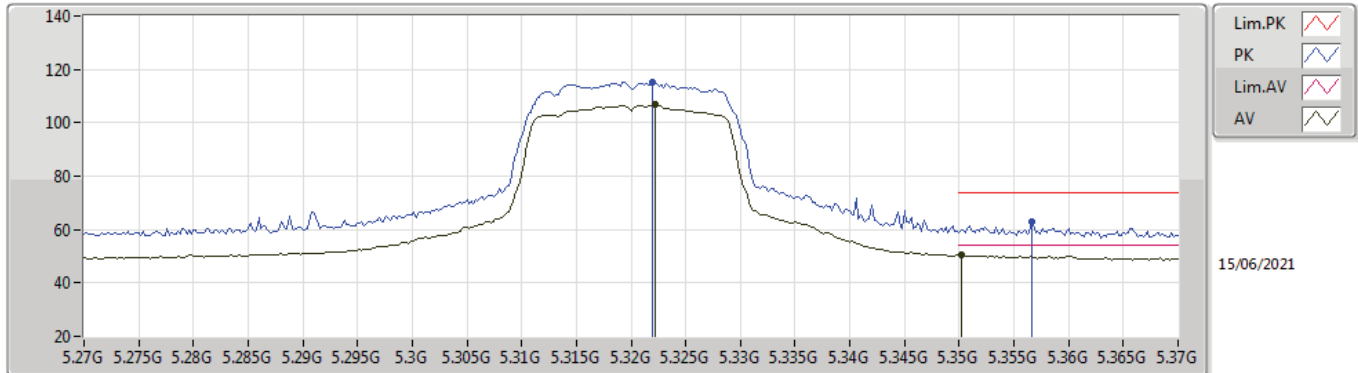
### 5300MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.9078G  | 45.87          | 54.00          | -8.13       | 17.39       | 3        | Horizontal | 333         | 1.50       | -       | 28.48      | 37.00   | 11.46   | 31.07   |
| PK   | 10.5961G  | 58.54          | 68.20          | -9.66       | 18.27       | 3        | Horizontal | 360         | 2.80       | -       | 40.27      | 39.60   | 9.07    | 30.40   |
| PK   | 15.9087G  | 57.27          | 74.00          | -16.73      | 17.39       | 3        | Horizontal | 333         | 1.50       | -       | 39.88      | 37.00   | 11.46   | 31.07   |

802.11ac VHT20\_Nss1,(MCS0)\_2TX

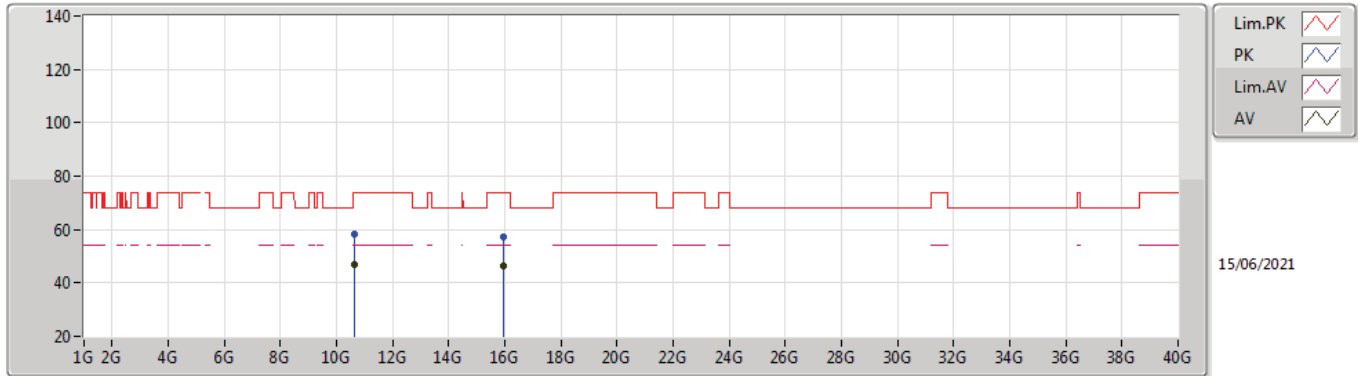
5320MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.3222G   | 106.94         | Inf            | -Inf        | 8.77        | 3        | Vertical  | 3           | 1.57       | -       | 98.17      | 31.16   | 6.80    | 29.19   |
| AV   | 5.3502G   | 50.36          | 54.00          | -3.64       | 8.71        | 3        | Vertical  | 3           | 1.57       | -       | 41.65      | 31.10   | 6.80    | 29.19   |
| PK   | 5.322G    | 115.16         | Inf            | -Inf        | 8.77        | 3        | Vertical  | 3           | 1.57       | -       | 106.39     | 31.16   | 6.80    | 29.19   |
| PK   | 5.3566G   | 63.10          | 74.00          | -10.90      | 8.76        | 3        | Vertical  | 3           | 1.57       | -       | 54.34      | 31.15   | 6.80    | 29.19   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

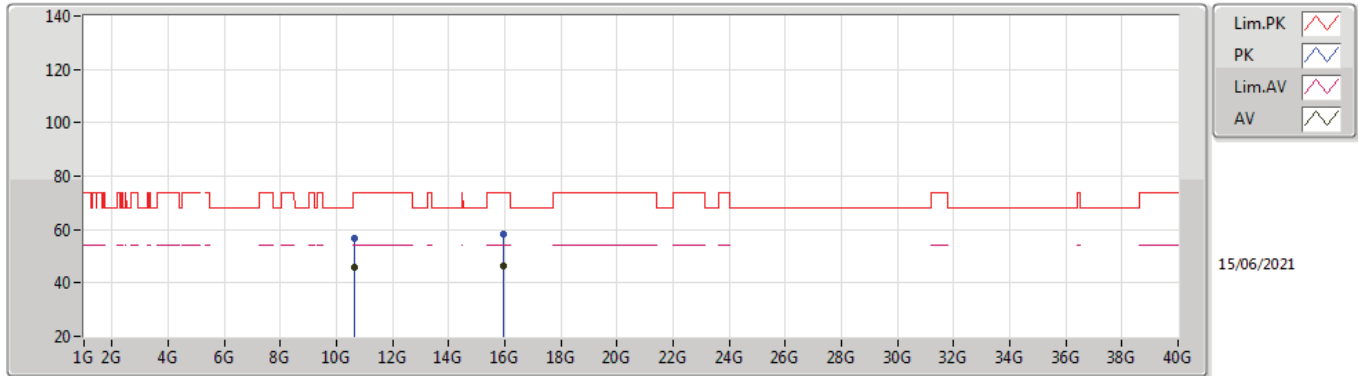
### 5320MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.6412G  | 47.12          | 54.00          | -6.88       | 18.36       | 3        | Vertical  | 193         | 1.00       | -       | 28.76      | 39.68   | 9.09    | 30.41   |
| AV   | 15.972G   | 46.17          | 54.00          | -7.83       | 17.41       | 3        | Vertical  | 103         | 2.30       | -       | 28.76      | 37.00   | 11.49   | 31.08   |
| PK   | 10.6385G  | 58.22          | 74.00          | -15.78      | 18.36       | 3        | Vertical  | 193         | 1.00       | -       | 39.86      | 39.68   | 9.09    | 30.41   |
| PK   | 15.97116G | 57.37          | 74.00          | -16.63      | 17.41       | 3        | Vertical  | 103         | 2.30       | -       | 39.96      | 37.00   | 11.49   | 31.08   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

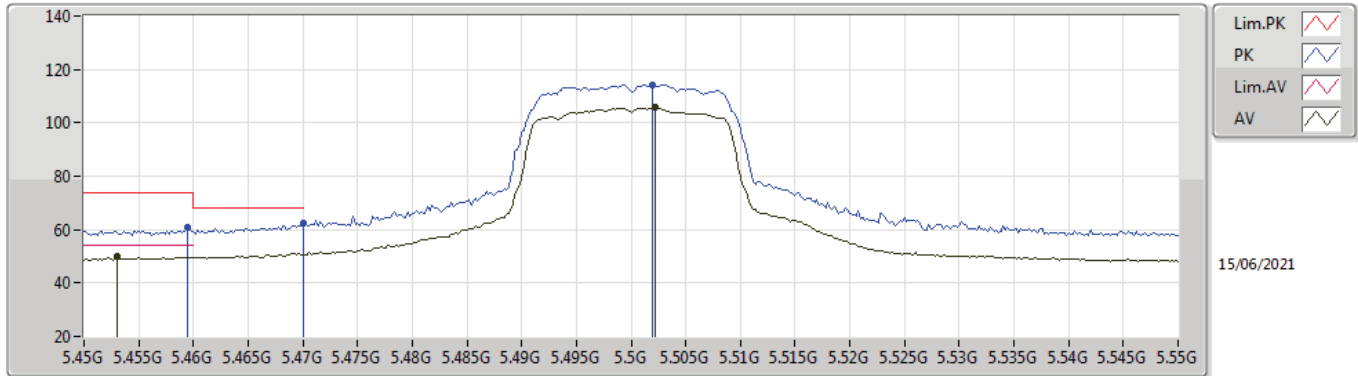
### 5320MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.62926G | 45.70          | 54.00          | -8.30       | 18.33       | 3        | Horizontal | 309         | 2.73       | -       | 27.37      | 39.66   | 9.08    | 30.41   |
| AV   | 15.94992G | 46.40          | 54.00          | -7.60       | 17.41       | 3        | Horizontal | 137         | 1.50       | -       | 28.99      | 37.00   | 11.48   | 31.07   |
| PK   | 10.63916G | 56.79          | 74.00          | -17.21      | 18.36       | 3        | Horizontal | 309         | 2.73       | -       | 38.43      | 39.68   | 9.09    | 30.41   |
| PK   | 15.96432G | 58.24          | 74.00          | -15.76      | 17.40       | 3        | Horizontal | 137         | 1.50       | -       | 40.84      | 37.00   | 11.48   | 31.08   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

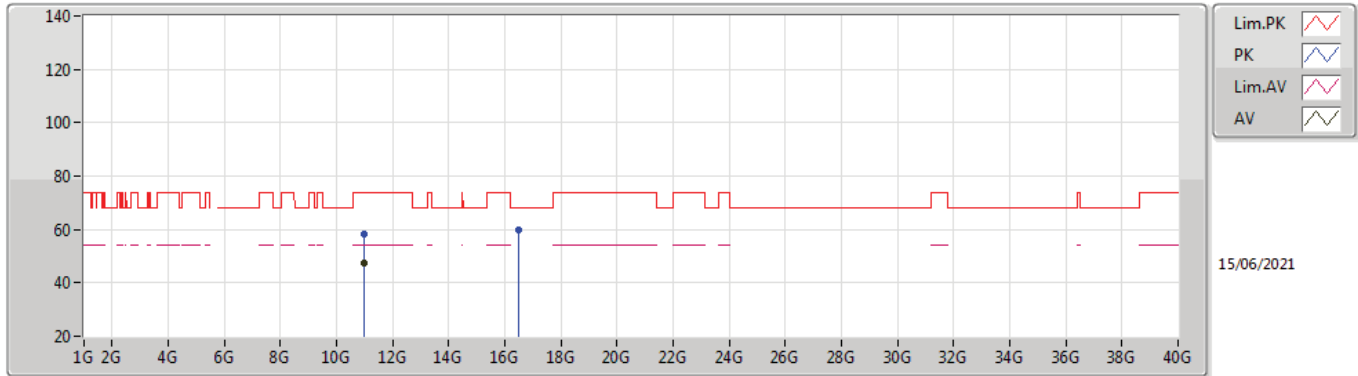
### 5500MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.453G    | 49.84          | 54.00          | -4.16       | 9.24        | 3        | Vertical  | 0           | 1.50       | -       | 40.60      | 31.61   | 6.83    | 29.20   |
| AV   | 5.5022G   | 106.02         | Inf            | -Inf        | 9.45        | 3        | Vertical  | 0           | 1.50       | -       | 96.57      | 31.80   | 6.85    | 29.20   |
| PK   | 5.4594G   | 60.62          | 74.00          | -13.38      | 9.27        | 3        | Vertical  | 0           | 1.50       | -       | 51.35      | 31.64   | 6.83    | 29.20   |
| PK   | 5.47G     | 62.43          | 68.20          | -5.77       | 9.31        | 3        | Vertical  | 0           | 1.50       | -       | 53.12      | 31.68   | 6.83    | 29.20   |
| PK   | 5.502G    | 114.31         | Inf            | -Inf        | 9.45        | 3        | Vertical  | 0           | 1.50       | -       | 104.86     | 31.80   | 6.85    | 29.20   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

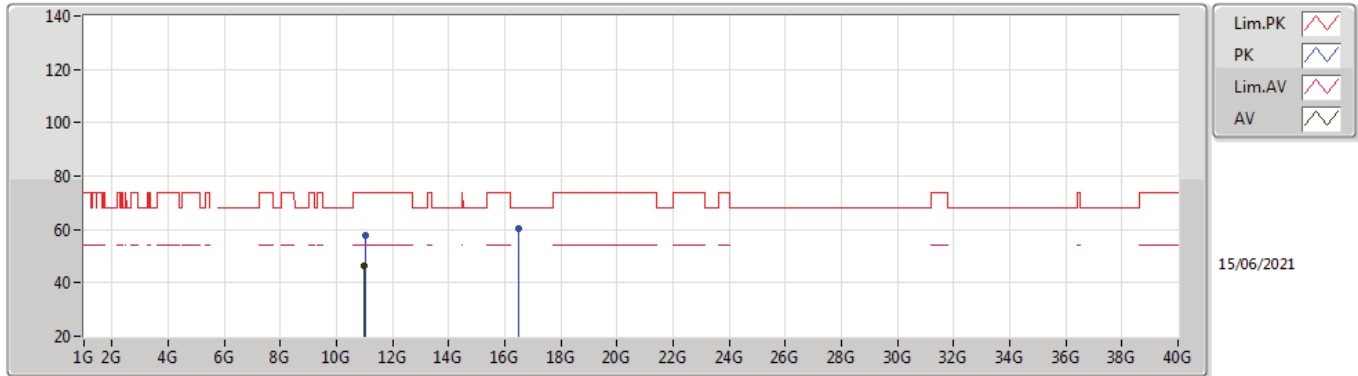
### 5500MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.99856G | 47.32          | 54.00          | -6.68       | 19.10       | 3        | Vertical  | 8           | 2.09       | -       | 28.22      | 40.30   | 9.25    | 30.45   |
| PK   | 11.0063G  | 58.13          | 74.00          | -15.87      | 19.07       | 3        | Vertical  | 8           | 2.09       | -       | 39.06      | 40.27   | 9.25    | 30.45   |
| PK   | 16.49574G | 59.92          | 68.20          | -8.28       | 19.47       | 3        | Vertical  | 54          | 1.50       | -       | 40.45      | 38.77   | 11.77   | 31.07   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

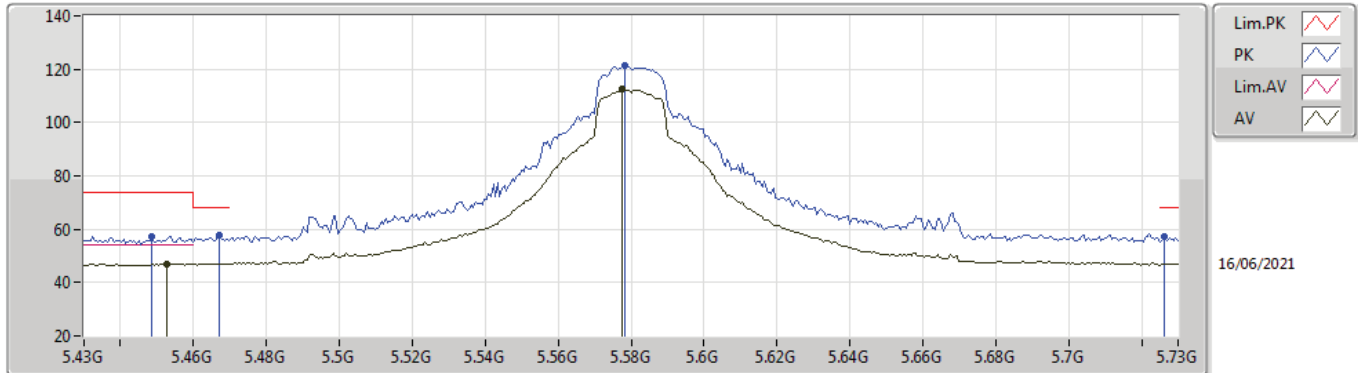


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.003G   | 46.15          | 54.00          | -7.85       | 19.09       | 3        | Horizontal | 215         | 2.50       | -       | 27.06      | 40.29   | 9.25    | 30.45   |
| PK   | 11.01494G | 57.69          | 74.00          | -16.31      | 19.05       | 3        | Horizontal | 215         | 2.50       | -       | 38.64      | 40.24   | 9.26    | 30.45   |
| PK   | 16.5036G  | 60.46          | 68.20          | -7.74       | 19.51       | 3        | Horizontal | 12          | 1.50       | -       | 40.95      | 38.80   | 11.78   | 31.07   |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX

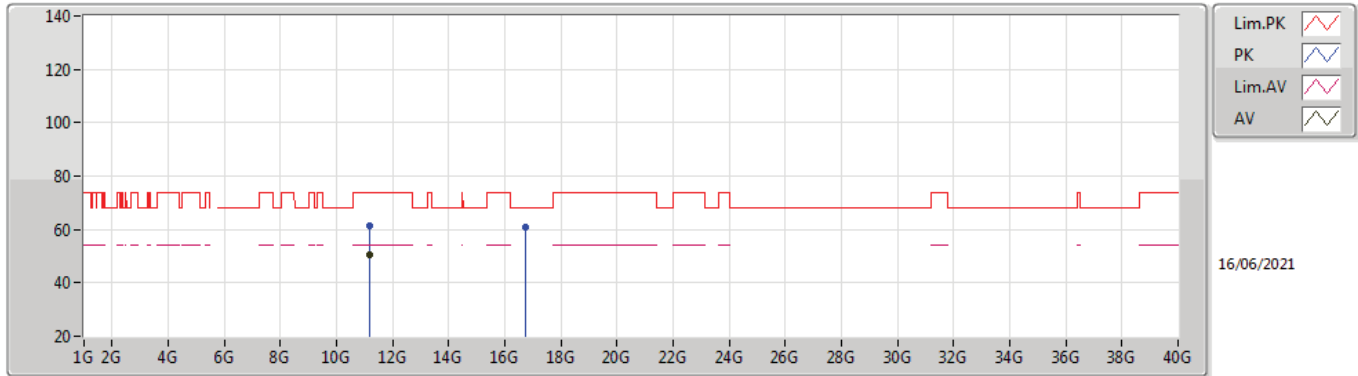


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4528G   | 47.06          | 54.00          | -6.94       | 9.24        | 3        | Vertical  | 257         | 1.88       | -       | 37.82      | 31.61   | 6.83    | 29.20   |
| AV   | 5.5776G   | 112.62         | Inf            | -Inf        | 9.36        | 3        | Vertical  | 257         | 1.88       | -       | 103.26     | 31.70   | 6.89    | 29.23   |
| PK   | 5.4486G   | 57.16          | 74.00          | -16.84      | 9.22        | 3        | Vertical  | 257         | 1.88       | -       | 47.94      | 31.60   | 6.82    | 29.20   |
| PK   | 5.4672G   | 57.80          | 68.20          | -10.40      | 9.30        | 3        | Vertical  | 257         | 1.88       | -       | 48.50      | 31.67   | 6.83    | 29.20   |
| PK   | 5.5782G   | 121.37         | Inf            | -Inf        | 9.36        | 3        | Vertical  | 257         | 1.88       | -       | 112.01     | 31.70   | 6.89    | 29.23   |
| PK   | 5.7264G   | 57.35          | 68.20          | -10.85      | 9.53        | 3        | Vertical  | 257         | 1.88       | -       | 47.82      | 31.85   | 6.96    | 29.28   |



802.11ac VHT20\_Nss1,(MCS0)\_2TX

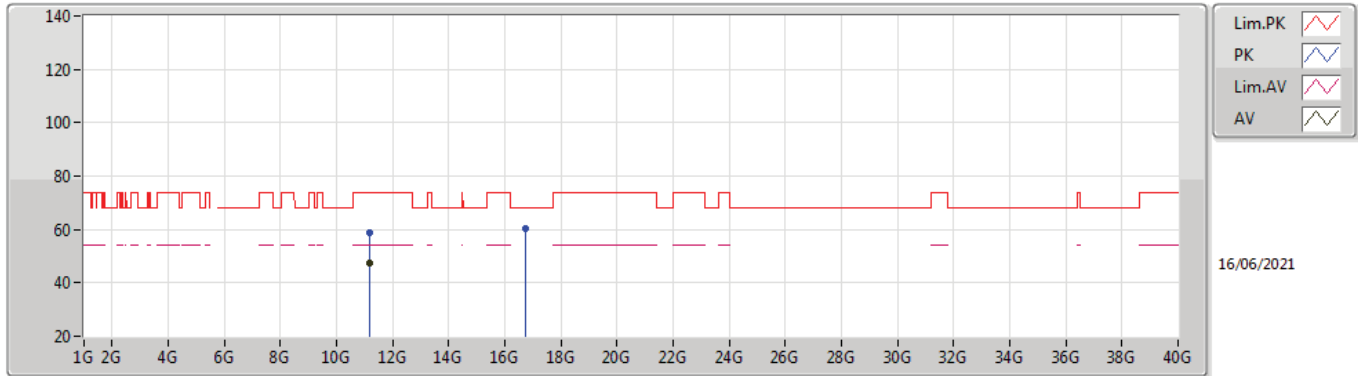
5580MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.15856G    | 50.73             | 54.00             | -3.27          | 18.67          | 3           | Vertical  | 159            | 1.24          | -       | 32.06         | 39.78      | 9.32       | 30.43      |
| PK   | 11.15868G    | 61.59             | 74.00             | -12.41         | 18.67          | 3           | Vertical  | 159            | 1.24          | -       | 42.92         | 39.78      | 9.32       | 30.43      |
| PK   | 16.72848G    | 61.10             | 68.20             | -7.10          | 20.55          | 3           | Vertical  | 220            | 2.61          | -       | 40.55         | 39.60      | 11.90      | 30.95      |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

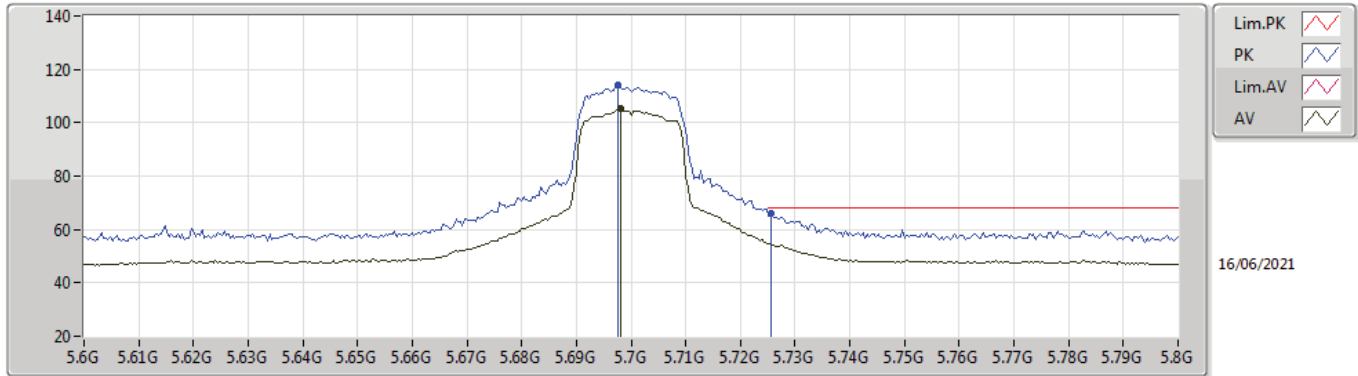
### 5580MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.16072G | 47.44          | 54.00          | -6.56       | 18.67       | 3        | Horizontal | 223         | 2.72       | -       | 28.77      | 39.78   | 9.32    | 30.43   |
| PK   | 11.1738G  | 58.86          | 74.00          | -15.14      | 18.65       | 3        | Horizontal | 223         | 2.72       | -       | 40.21      | 39.75   | 9.33    | 30.43   |
| PK   | 16.73676G | 60.60          | 68.20          | -7.60       | 20.62       | 3        | Horizontal | 228         | 1.49       | -       | 39.98      | 39.66   | 11.91   | 30.95   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

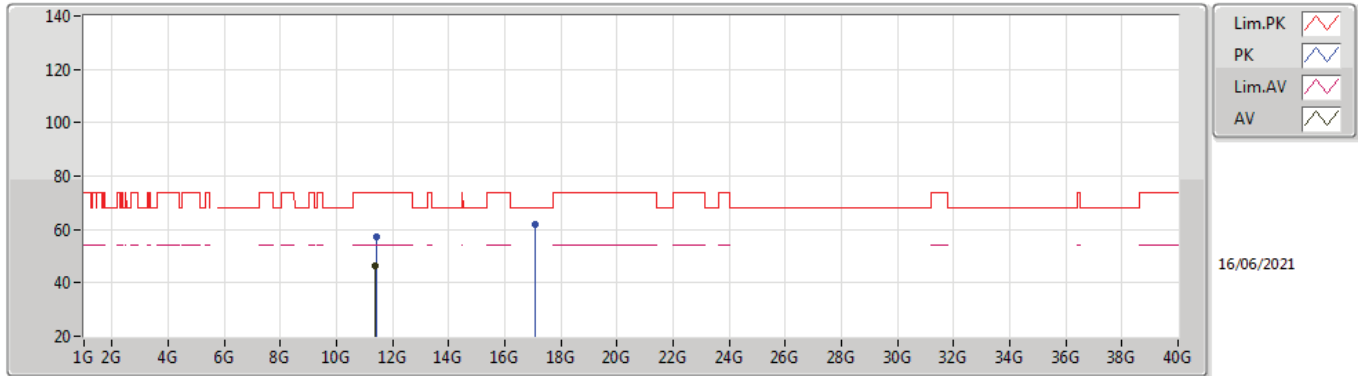
### 5700MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.698G    | 105.17         | Inf            | -Inf        | 9.47        | 3        | Vertical  | 330         | 1.72       | -       | 95.70      | 31.79   | 6.95    | 29.27   |
| PK   | 5.6976G   | 114.02         | Inf            | -Inf        | 9.47        | 3        | Vertical  | 330         | 1.72       | -       | 104.55     | 31.79   | 6.95    | 29.27   |
| PK   | 5.7256G   | 66.22          | 68.20          | -1.98       | 9.53        | 3        | Vertical  | 330         | 1.72       | -       | 56.69      | 31.85   | 6.96    | 29.28   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5700MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.39898G | 46.43          | 54.00          | -7.57       | 19.04       | 3        | Vertical  | 332         | 1.50       | -       | 27.39      | 40.00   | 9.43    | 30.39   |
| PK   | 11.40678G | 57.42          | 74.00          | -16.58      | 19.03       | 3        | Vertical  | 332         | 1.50       | -       | 38.39      | 39.99   | 9.43    | 30.39   |
| PK   | 17.0943G  | 62.05          | 68.20          | -6.15       | 21.33       | 3        | Vertical  | 270         | 2.00       | -       | 40.72      | 40.01   | 12.10   | 30.78   |



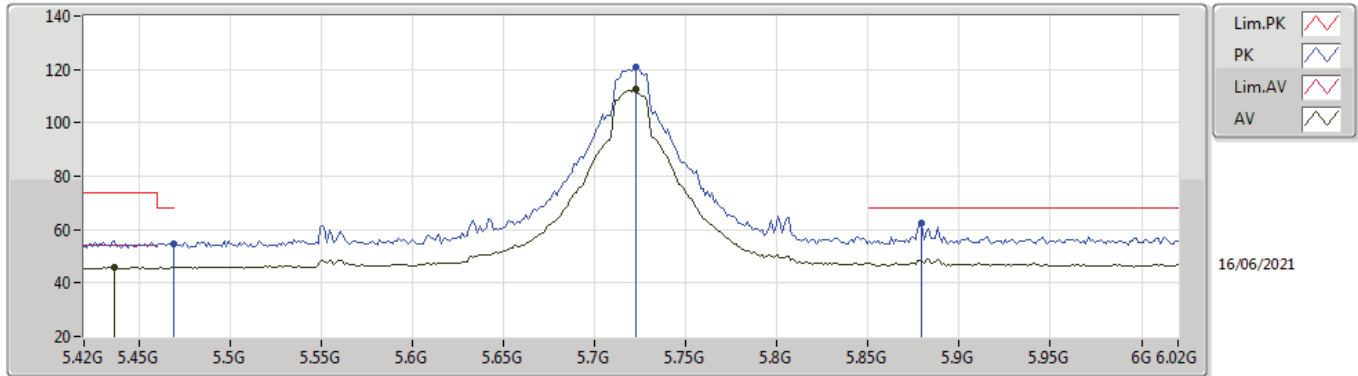
### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5700MHz\_TX



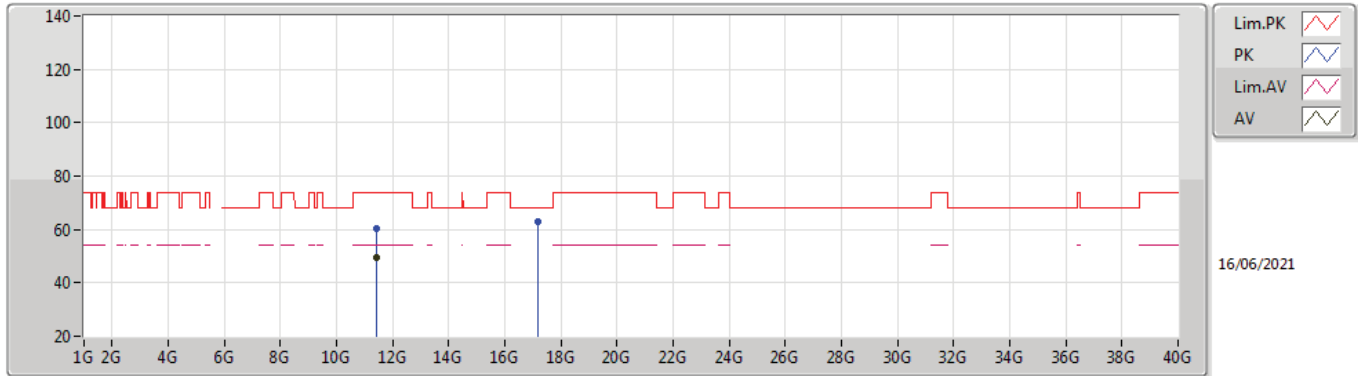
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.3955G  | 46.28          | 54.00          | -7.72       | 19.03       | 3        | Horizontal | 272         | 2.32       | -       | 27.25      | 39.99   | 9.43    | 30.39   |
| PK   | 11.3964G  | 57.35          | 74.00          | -16.65      | 19.03       | 3        | Horizontal | 272         | 2.32       | -       | 38.32      | 39.99   | 9.43    | 30.39   |
| PK   | 17.09202G | 61.20          | 68.20          | -7.00       | 21.33       | 3        | Horizontal | 90          | 1.04       | -       | 39.87      | 40.01   | 12.10   | 30.78   |

**802.11ac VHT20\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4368G   | 46.11          | 54.00          | -7.89       | 9.19        | 3        | Vertical  | 337         | 1.82       | -       | 36.92      | 31.57   | 6.82    | 29.20   |
| AV   | 5.7224G   | 112.74         | Inf            | -Inf        | 9.52        | 3        | Vertical  | 337         | 1.82       | -       | 103.22     | 31.84   | 6.96    | 29.28   |
| PK   | 5.4692G   | 54.84          | 68.20          | -13.36      | 9.31        | 3        | Vertical  | 337         | 1.82       | -       | 45.53      | 31.68   | 6.83    | 29.20   |
| PK   | 5.7224G   | 120.63         | Inf            | -Inf        | 9.52        | 3        | Vertical  | 337         | 1.82       | -       | 111.11     | 31.84   | 6.96    | 29.28   |
| PK   | 5.8796G   | 62.21          | 68.20          | -5.99       | 9.87        | 3        | Vertical  | 337         | 1.82       | -       | 52.34      | 32.16   | 7.04    | 29.33   |

**802.11ac VHT20\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TX**

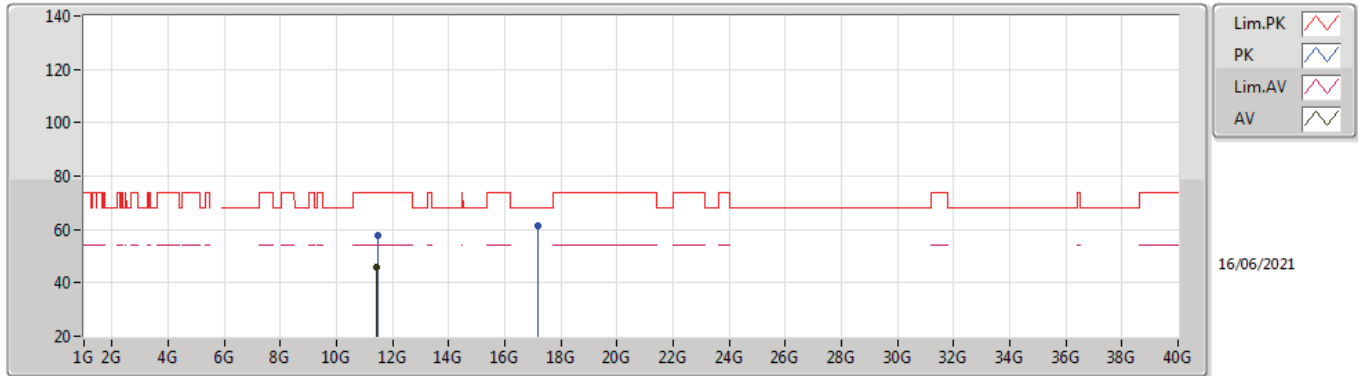


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.43772G | 49.54          | 54.00          | -4.46       | 19.02       | 3        | Vertical  | 144         | 2.77       | -       | 30.52      | 39.96   | 9.45    | 30.39   |
| PK   | 11.43652G | 60.29          | 74.00          | -13.71      | 19.02       | 3        | Vertical  | 144         | 2.77       | -       | 41.27      | 39.96   | 9.45    | 30.39   |
| PK   | 17.16774G | 62.99          | 68.20          | -5.21       | 21.31       | 3        | Vertical  | 216         | 2.68       | -       | 41.68      | 39.93   | 12.14   | 30.76   |





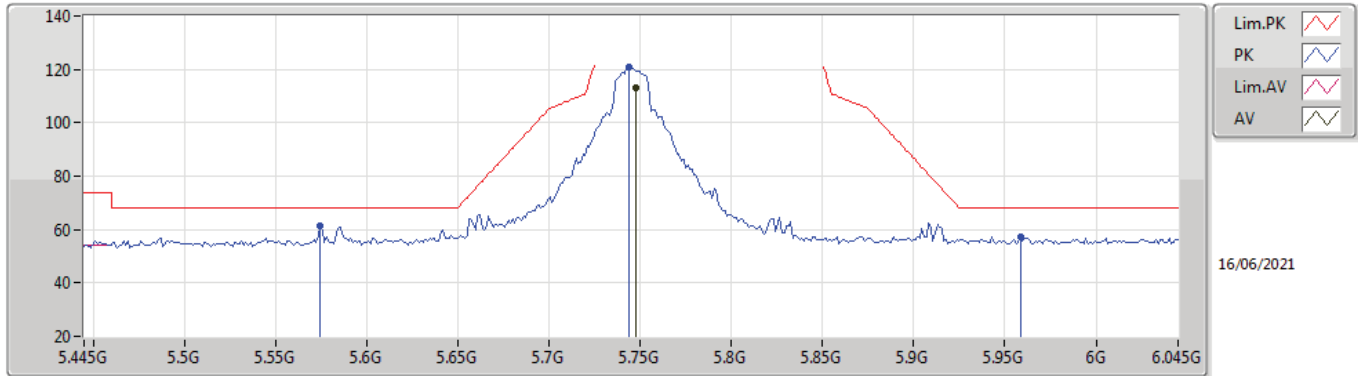
**802.11ac VHT20\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.43436G | 46.05          | 54.00          | -7.95       | 19.03       | 3        | Horizontal | 360         | 1.98       | -       | 27.02      | 39.97   | 9.45    | 30.39   |
| PK   | 11.45152G | 57.61          | 74.00          | -16.39      | 19.01       | 3        | Horizontal | 360         | 1.98       | -       | 38.60      | 39.95   | 9.45    | 30.39   |
| PK   | 17.15676G | 61.38          | 68.20          | -6.82       | 21.32       | 3        | Horizontal | 252         | 1.50       | -       | 40.06      | 39.94   | 12.14   | 30.76   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5745MHz\_TX

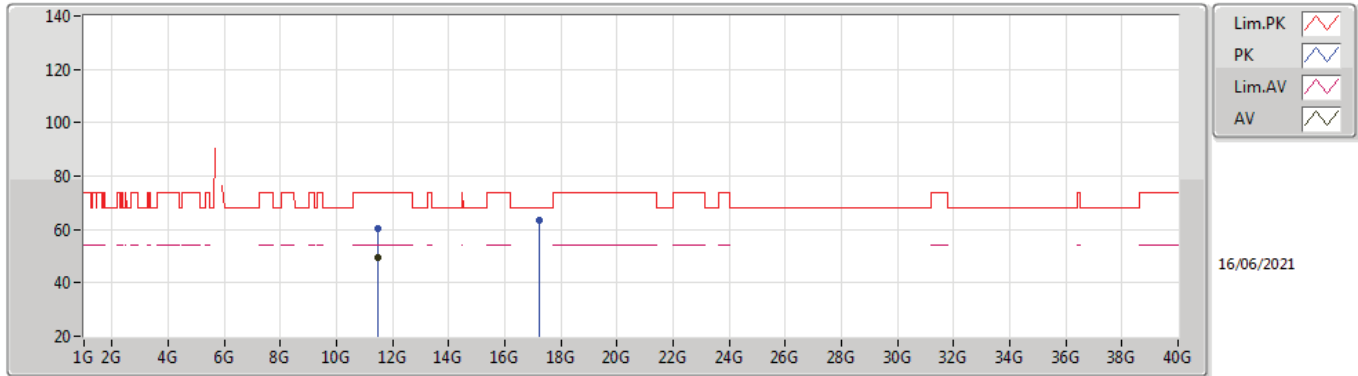


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7474G   | 112.86         | Inf            | -Inf        | 9.58        | 3        | Vertical  | 337         | 1.97       | -       | 103.28     | 31.89   | 6.97    | 29.28   |
| PK   | 5.746G    | 61.52          | 68.20          | -6.68       | 9.36        | 3        | Vertical  | 337         | 1.97       | -       | 52.16      | 31.70   | 6.89    | 29.23   |
| PK   | 5.7438G   | 120.99         | Inf            | -Inf        | 9.58        | 3        | Vertical  | 337         | 1.97       | -       | 111.41     | 31.89   | 6.97    | 29.28   |
| PK   | 5.9586G   | 57.14          | 68.20          | -11.06      | 10.10       | 3        | Vertical  | 337         | 1.97       | -       | 47.04      | 32.38   | 7.08    | 29.36   |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

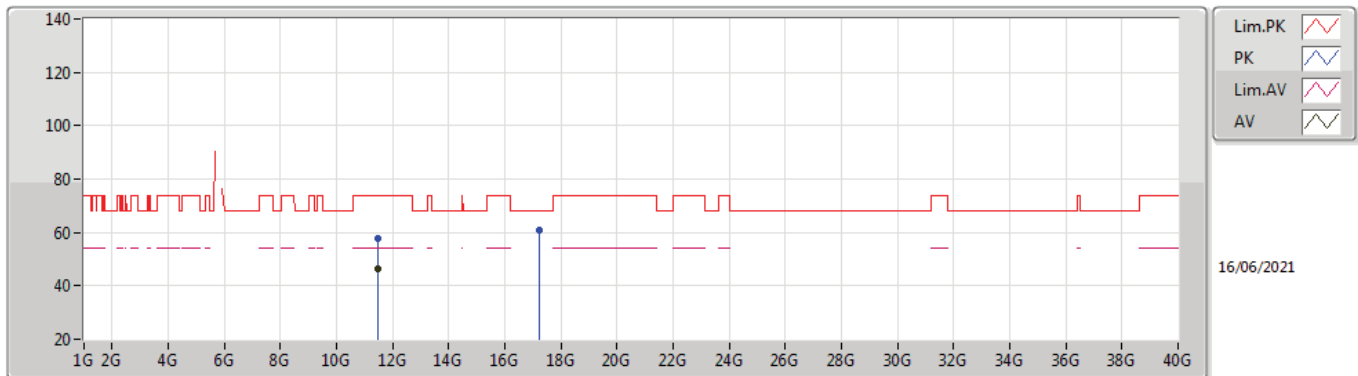
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.48736G | 49.43          | 54.00          | -4.57       | 19.00       | 3        | Vertical  | 152         | 2.78       | -       | 30.43      | 39.91   | 9.47    | 30.38   |
| PK   | 11.4924G  | 60.18          | 74.00          | -13.82      | 19.00       | 3        | Vertical  | 152         | 2.78       | -       | 41.18      | 39.91   | 9.47    | 30.38   |
| PK   | 17.23818G | 63.56          | 68.20          | -4.64       | 21.34       | 3        | Vertical  | 216         | 2.67       | -       | 42.22      | 39.90   | 12.18   | 30.74   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

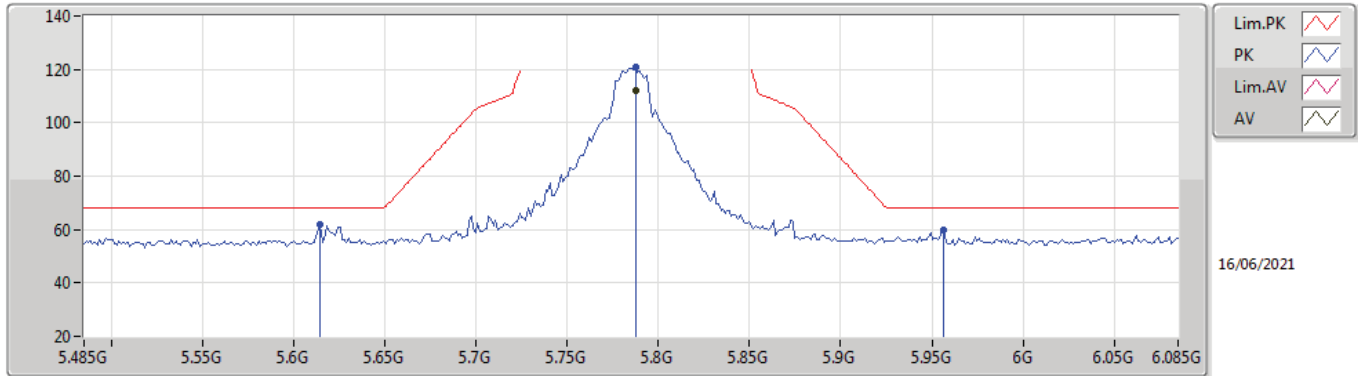
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49132G | 46.57          | 54.00          | -7.43       | 19.00       | 3        | Horizontal | 0           | 2.69       | -       | 27.57      | 39.91   | 9.47    | 30.38   |
| PK   | 11.49222G | 58.01          | 74.00          | -15.99      | 19.00       | 3        | Horizontal | 0           | 2.69       | -       | 39.01      | 39.91   | 9.47    | 30.38   |
| PK   | 17.24886G | 60.86          | 68.20          | -7.34       | 21.35       | 3        | Horizontal | 354         | 1.36       | -       | 39.51      | 39.90   | 12.19   | 30.74   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5785MHz\_TX

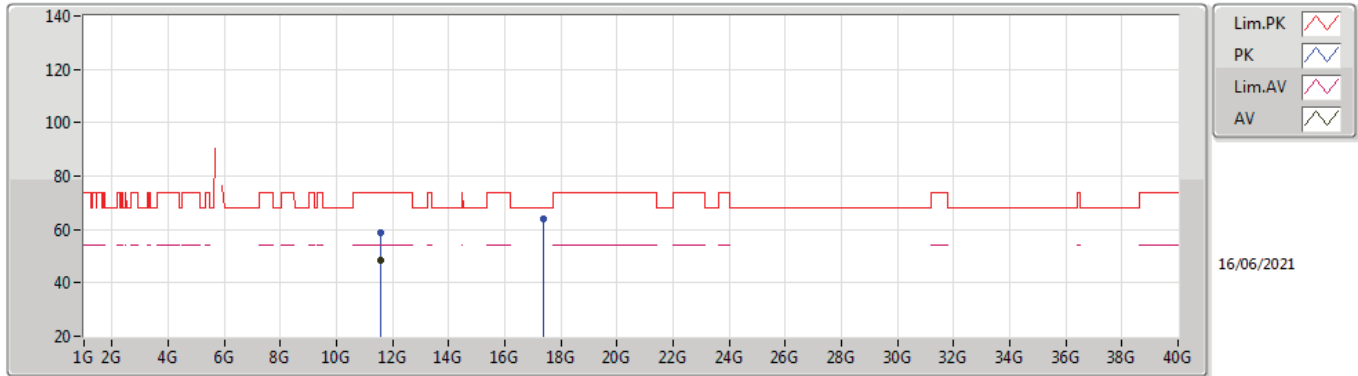


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7874G   | 112.27         | Inf            | -Inf        | 9.59        | 3        | Vertical  | 3           | 1.50       | -       | 102.68     | 31.90   | 6.99    | 29.30   |
| PK   | 5.6146G   | 61.94          | 68.20          | -6.26       | 9.34        | 3        | Vertical  | 3           | 1.50       | -       | 52.60      | 31.67   | 6.91    | 29.24   |
| PK   | 5.7874G   | 120.72         | Inf            | -Inf        | 9.59        | 3        | Vertical  | 3           | 1.50       | -       | 111.13     | 31.90   | 6.99    | 29.30   |
| PK   | 5.9566G   | 60.01          | 68.20          | -8.19       | 10.11       | 3        | Vertical  | 3           | 1.50       | -       | 49.90      | 32.39   | 7.08    | 29.36   |



### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

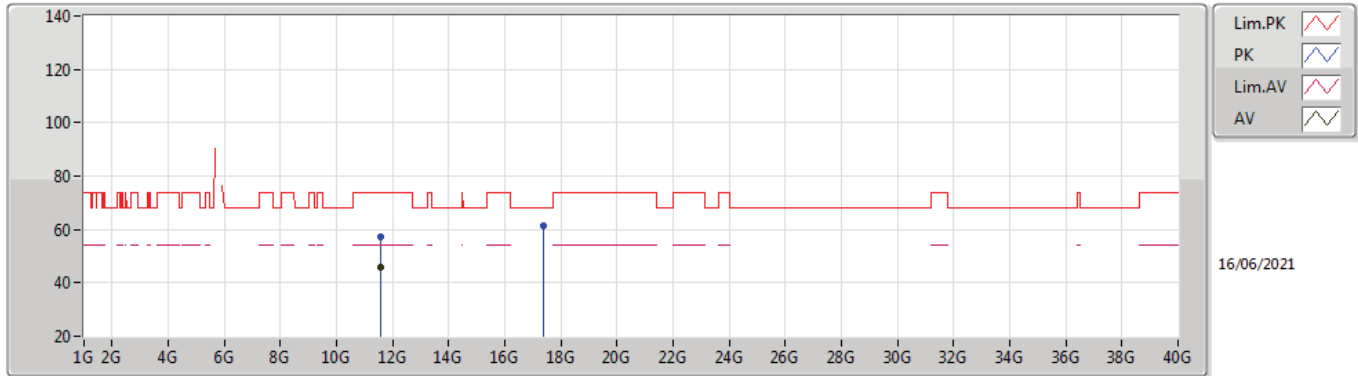
### 5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.56754G | 48.29          | 54.00          | -5.71       | 18.98       | 3        | Vertical  | 146         | 3.00       | -       | 29.31      | 39.83   | 9.51    | 30.36   |
| PK   | 11.56388G | 59.05          | 74.00          | -14.95      | 18.98       | 3        | Vertical  | 146         | 3.00       | -       | 40.07      | 39.84   | 9.50    | 30.36   |
| PK   | 17.35956G | 64.15          | 68.20          | -4.05       | 21.93       | 3        | Vertical  | 219         | 2.61       | -       | 42.22      | 40.38   | 12.25   | 30.70   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

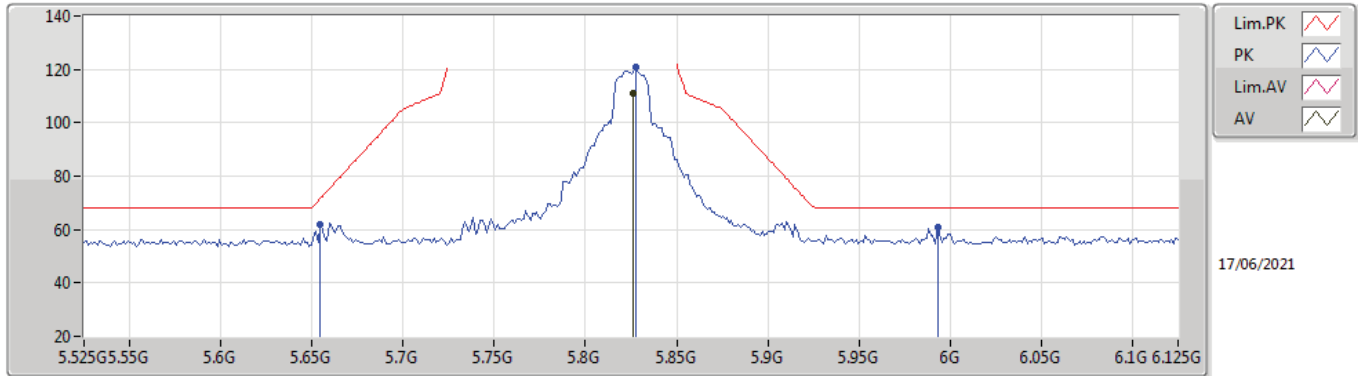
### 5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57108G | 45.81          | 54.00          | -8.19       | 18.98       | 3        | Horizontal | 297         | 1.43       | -       | 26.83      | 39.83   | 9.51    | 30.36   |
| PK   | 11.5622G  | 57.13          | 74.00          | -16.87      | 18.98       | 3        | Horizontal | 297         | 1.43       | -       | 38.15      | 39.84   | 9.50    | 30.36   |
| PK   | 17.35506G | 61.56          | 68.20          | -6.64       | 21.89       | 3        | Horizontal | 360         | 1.70       | -       | 39.67      | 40.34   | 12.25   | 30.70   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5825MHz\_TX



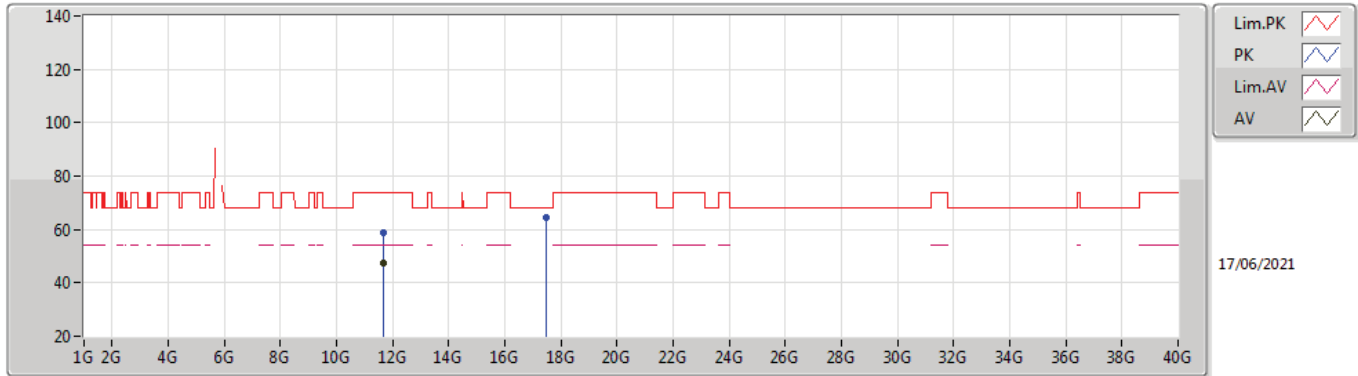
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.8262G      | 111.28            | Inf               | -Inf           | 9.70           | 3           | Vertical  | 134            | 1.50          | -       | 101.58        | 32.00      | 7.01       | 29.31      |
| PK   | 5.6546G      | 61.84             | 71.60             | -9.76          | 9.30           | 3           | Vertical  | 134            | 1.50          | -       | 52.54         | 31.62      | 6.93       | 29.25      |
| PK   | 5.8274G      | 120.75            | Inf               | -Inf           | 9.71           | 3           | Vertical  | 134            | 1.50          | -       | 111.04        | 32.01      | 7.01       | 29.31      |
| PK   | 5.993G       | 60.79             | 68.20             | -7.41          | 10.04          | 3           | Vertical  | 134            | 1.50          | -       | 50.75         | 32.31      | 7.10       | 29.37      |





### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

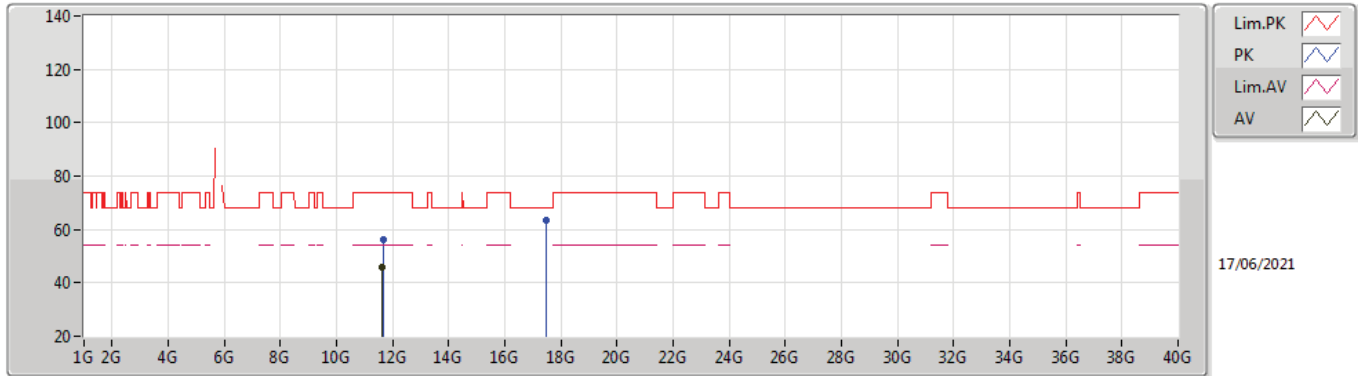
### 5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.64778G | 47.47          | 54.00          | -6.53       | 18.77       | 3        | Vertical  | 150         | 2.93       | -       | 28.70      | 39.56   | 9.54    | 30.33   |
| PK   | 11.65438G | 58.90          | 74.00          | -15.10      | 18.74       | 3        | Vertical  | 150         | 2.93       | -       | 40.16      | 39.53   | 9.54    | 30.33   |
| PK   | 17.47626G | 64.56          | 68.20          | -3.64       | 22.65       | 3        | Vertical  | 219         | 2.19       | -       | 41.91      | 41.01   | 12.31   | 30.67   |

### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### 5825MHz\_TX

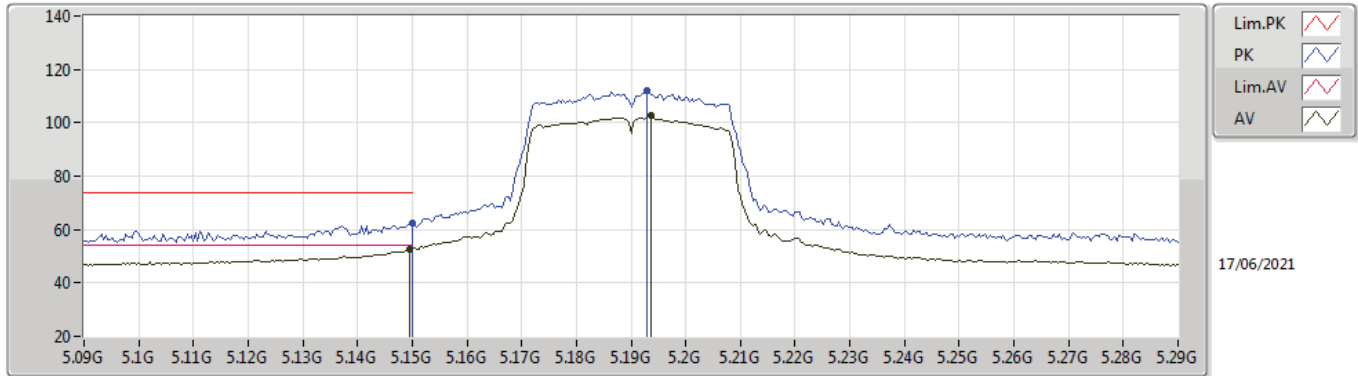


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.64004G | 45.86          | 54.00          | -8.14       | 18.81       | 3        | Horizontal | 342         | 1.50       | -       | 27.05      | 39.60   | 9.54    | 30.33   |
| PK   | 11.6476G  | 56.46          | 74.00          | -17.54      | 18.77       | 3        | Horizontal | 342         | 1.50       | -       | 37.69      | 39.56   | 9.54    | 30.33   |
| PK   | 17.47176G | 63.60          | 68.20          | -4.60       | 22.63       | 3        | Horizontal | 155         | 2.89       | -       | 40.97      | 40.99   | 12.31   | 30.67   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

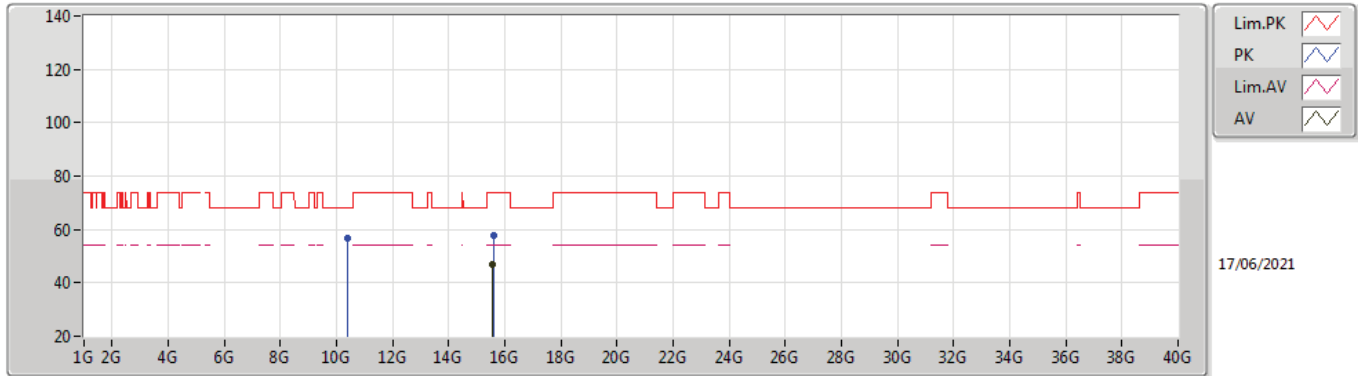
### 5190MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1496G   | 52.41          | 54.00          | -1.59       | 9.59        | 3        | Vertical  | 319         | 1.93       | -       | 42.82      | 32.00   | 6.77    | 29.18   |
| AV   | 5.1936G   | 102.64         | Inf            | -Inf        | 9.53        | 3        | Vertical  | 319         | 1.93       | -       | 93.11      | 31.91   | 6.80    | 29.18   |
| PK   | 5.15G     | 62.45          | 74.00          | -11.55      | 9.60        | 3        | Vertical  | 319         | 1.93       | -       | 52.85      | 32.00   | 6.78    | 29.18   |
| PK   | 5.1928G   | 112.18         | Inf            | -Inf        | 9.53        | 3        | Vertical  | 319         | 1.93       | -       | 102.65     | 31.91   | 6.80    | 29.18   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5190MHz\_TX

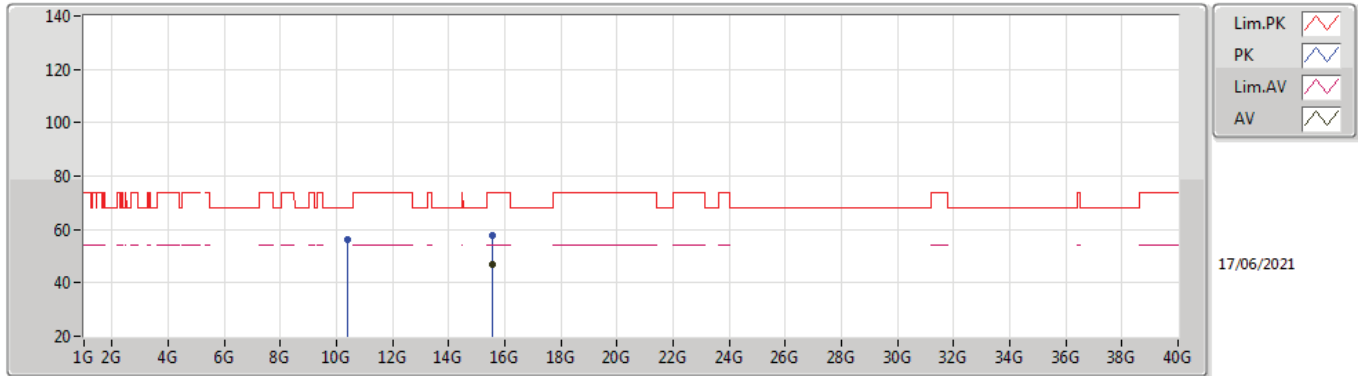


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.55224G | 46.78          | 54.00          | -7.22       | 18.25       | 3        | Vertical  | 204         | 1.50       | -       | 28.53      | 37.99   | 11.30   | 31.04   |
| PK   | 10.38648G | 56.72          | 68.20          | -11.48      | 18.16       | 3        | Vertical  | 114         | 1.50       | -       | 38.56      | 39.55   | 8.97    | 30.36   |
| PK   | 15.58768G | 57.55          | 74.00          | -16.45      | 18.04       | 3        | Vertical  | 204         | 1.50       | -       | 39.51      | 37.77   | 11.31   | 31.04   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

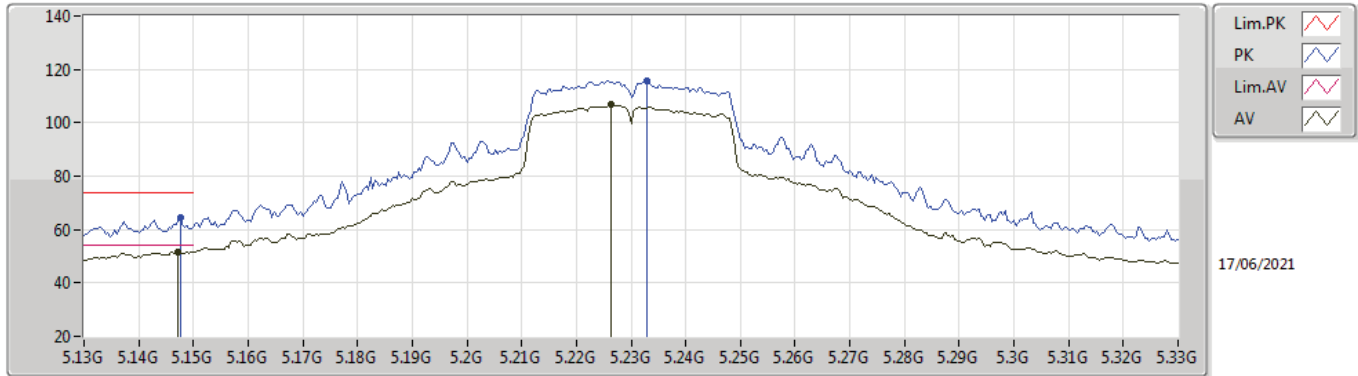
### 5190MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.55584G | 46.87          | 54.00          | -7.13       | 18.22       | 3        | Horizontal | 155         | 1.50       | -       | 28.65      | 37.96   | 11.30   | 31.04   |
| PK   | 10.392G   | 56.43          | 68.20          | -11.77      | 18.19       | 3        | Horizontal | 148         | 2.68       | -       | 38.24      | 39.57   | 8.98    | 30.36   |
| PK   | 15.55032G | 57.74          | 74.00          | -16.26      | 18.26       | 3        | Horizontal | 155         | 1.50       | -       | 39.48      | 38.00   | 11.30   | 31.04   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5230MHz\_TX

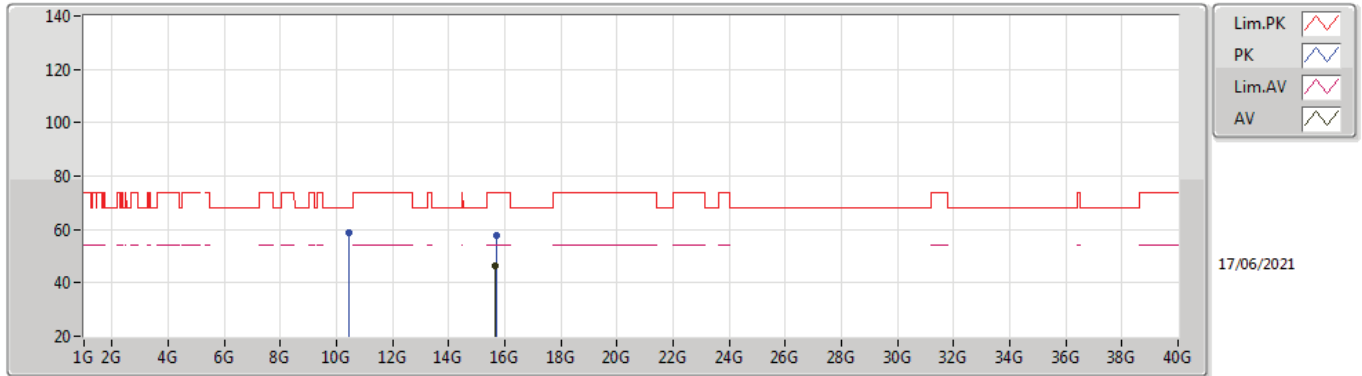


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1472G   | 51.78          | 54.00          | -2.22       | 9.59        | 3        | Vertical  | 13          | 1.68       | -       | 42.19      | 32.00   | 6.77    | 29.18   |
| AV   | 5.2264G   | 106.91         | Inf            | -Inf        | 9.31        | 3        | Vertical  | 13          | 1.68       | -       | 97.60      | 31.69   | 6.80    | 29.18   |
| PK   | 5.1476G   | 64.49          | 74.00          | -9.51       | 9.59        | 3        | Vertical  | 13          | 1.68       | -       | 54.90      | 32.00   | 6.77    | 29.18   |
| PK   | 5.2328G   | 115.76         | Inf            | -Inf        | 9.26        | 3        | Vertical  | 13          | 1.68       | -       | 106.50     | 31.64   | 6.80    | 29.18   |



802.11ac VHT40\_Nss1,(MCS0)\_2TX

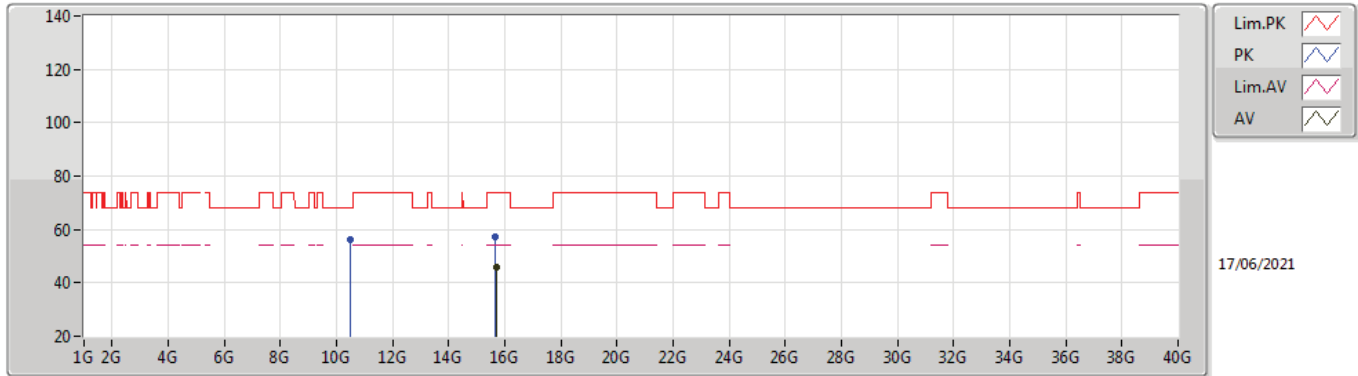
5230MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.67688G | 46.24          | 54.00          | -7.76       | 17.77       | 3        | Vertical  | 202         | 2.35       | -       | 28.47      | 37.47   | 11.35   | 31.05   |
| PK   | 10.4568G  | 58.70          | 68.20          | -9.50       | 18.29       | 3        | Vertical  | 63          | 1.02       | -       | 40.41      | 39.66   | 9.01    | 30.38   |
| PK   | 15.69576G | 57.67          | 74.00          | -16.33      | 17.72       | 3        | Vertical  | 202         | 2.35       | -       | 39.95      | 37.41   | 11.36   | 31.05   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5230MHz\_TX

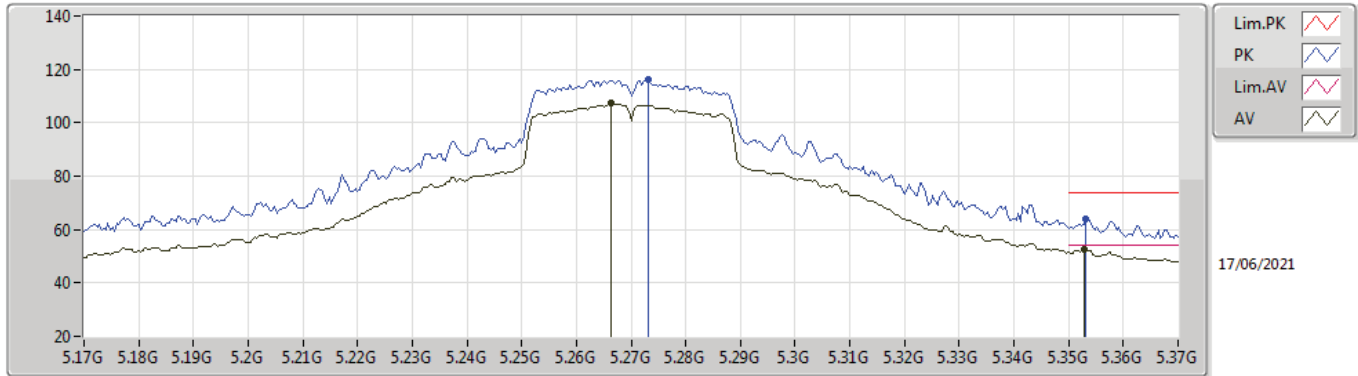


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.69688G | 46.02          | 54.00          | -7.98       | 17.72       | 3        | Horizontal | 344         | 1.50       | -       | 28.30      | 37.41   | 11.36   | 31.05   |
| PK   | 10.47024G | 56.44          | 68.20          | -11.76      | 18.30       | 3        | Horizontal | 360         | 2.39       | -       | 38.14      | 39.67   | 9.01    | 30.38   |
| PK   | 15.67344G | 57.08          | 74.00          | -16.92      | 17.78       | 3        | Horizontal | 344         | 1.50       | -       | 39.30      | 37.48   | 11.35   | 31.05   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

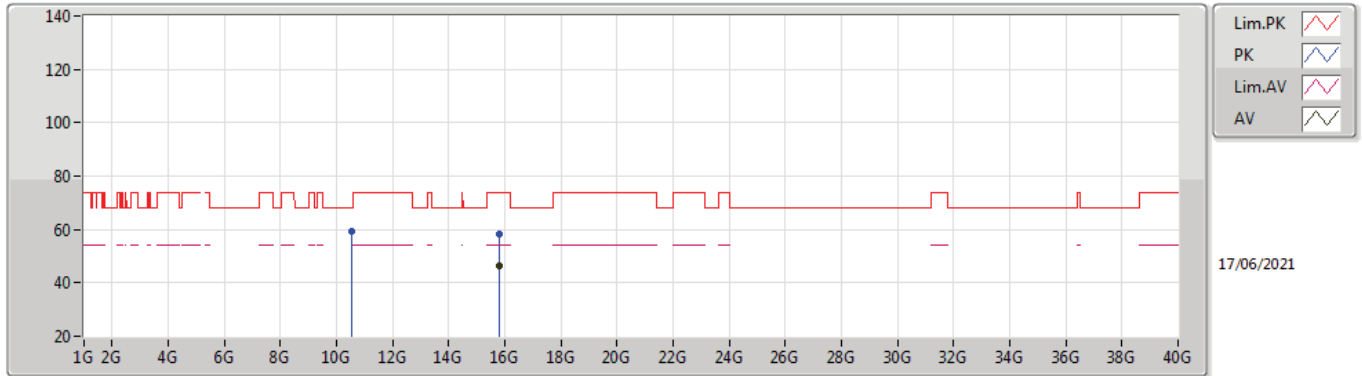
### 5270MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.2664G   | 107.41         | Inf            | -Inf        | 9.01        | 3        | Vertical  | 12          | 1.50       | -       | 98.40      | 31.40   | 6.80    | 29.19   |
| AV   | 5.3528G   | 52.34          | 54.00          | -1.66       | 8.73        | 3        | Vertical  | 12          | 1.50       | -       | 43.61      | 31.12   | 6.80    | 29.19   |
| PK   | 5.2732G   | 116.07         | Inf            | -Inf        | 8.97        | 3        | Vertical  | 12          | 1.50       | -       | 107.10     | 31.36   | 6.80    | 29.19   |
| PK   | 5.3532G   | 63.95          | 74.00          | -10.05      | 8.74        | 3        | Vertical  | 12          | 1.50       | -       | 55.21      | 31.13   | 6.80    | 29.19   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5270MHz\_TX

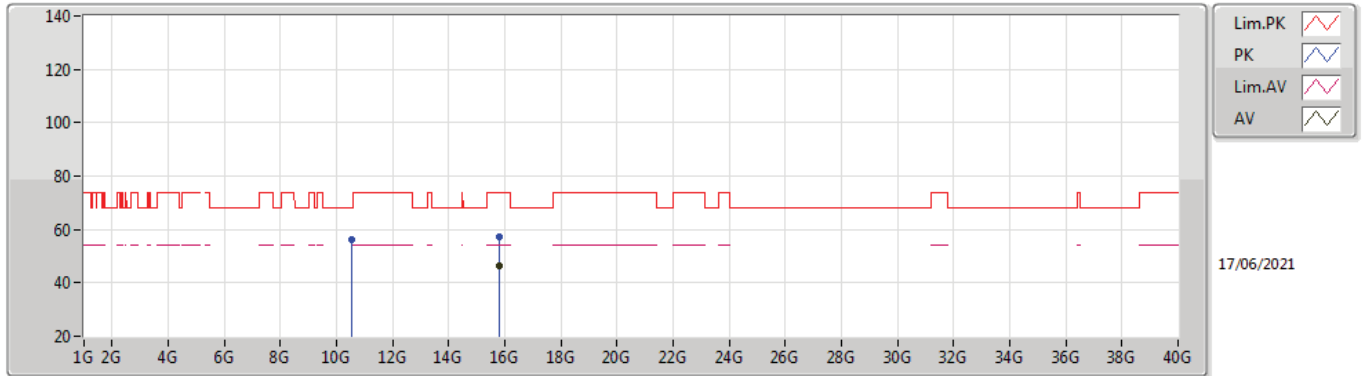


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.80384G | 46.42          | 54.00          | -7.58       | 17.64       | 3        | Vertical  | 211         | 1.15       | -       | 28.78      | 37.29   | 11.41   | 31.06   |
| PK   | 10.5388G  | 59.46          | 68.20          | -8.74       | 18.31       | 3        | Vertical  | 196         | 1.03       | -       | 41.15      | 39.66   | 9.04    | 30.39   |
| PK   | 15.8112G  | 58.26          | 74.00          | -15.74      | 17.63       | 3        | Vertical  | 211         | 1.15       | -       | 40.63      | 37.27   | 11.42   | 31.06   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

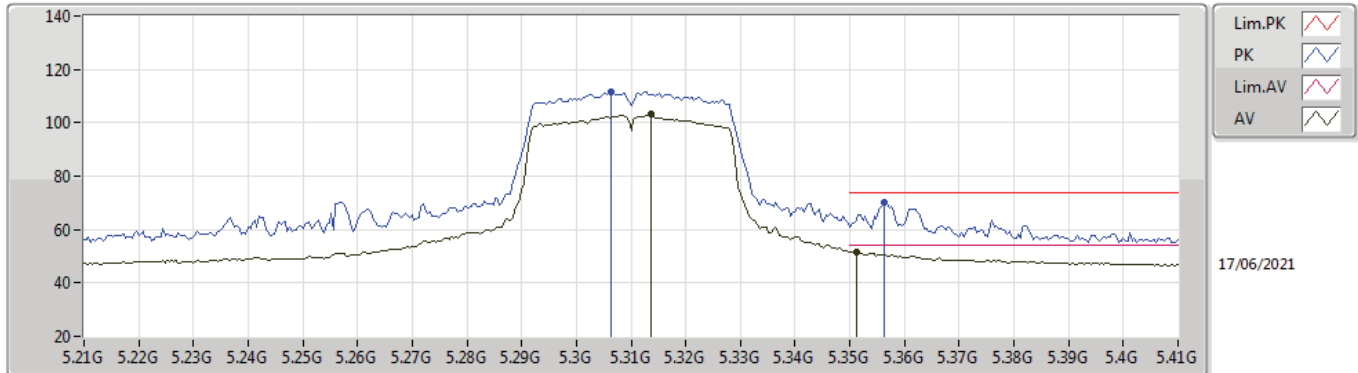
### 5270MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.80688G | 46.17          | 54.00          | -7.83       | 17.63       | 3        | Horizontal | 360         | 2.20       | -       | 28.54      | 37.28   | 11.41   | 31.06   |
| PK   | 10.55992G | 56.20          | 68.20          | -12.00      | 18.29       | 3        | Horizontal | 360         | 2.84       | -       | 37.91      | 39.64   | 9.05    | 30.40   |
| PK   | 15.81696G | 57.18          | 74.00          | -16.82      | 17.61       | 3        | Horizontal | 360         | 2.20       | -       | 39.57      | 37.25   | 11.42   | 31.06   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

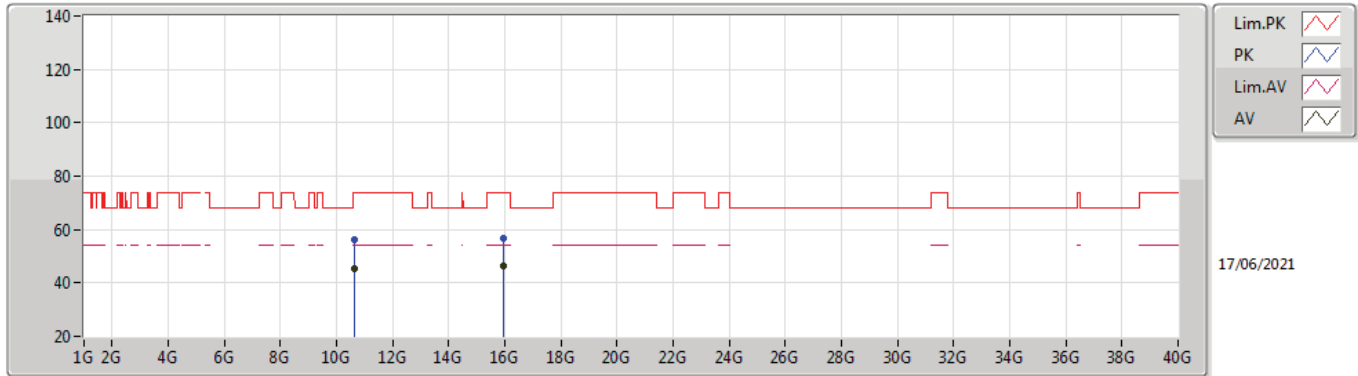
### 5310MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.3136G   | 103.30         | Inf            | -Inf        | 8.78        | 3        | Vertical  | 316         | 1.96       | -       | 94.52      | 31.17   | 6.80    | 29.19   |
| AV   | 5.3512G   | 51.80          | 54.00          | -2.20       | 8.72        | 3        | Vertical  | 316         | 1.96       | -       | 43.08      | 31.11   | 6.80    | 29.19   |
| PK   | 5.3064G   | 111.70         | Inf            | -Inf        | 8.80        | 3        | Vertical  | 316         | 1.96       | -       | 102.90     | 31.19   | 6.80    | 29.19   |
| PK   | 5.3564G   | 70.01          | 74.00          | -3.99       | 8.76        | 3        | Vertical  | 316         | 1.96       | -       | 61.25      | 31.15   | 6.80    | 29.19   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5310MHz\_TX

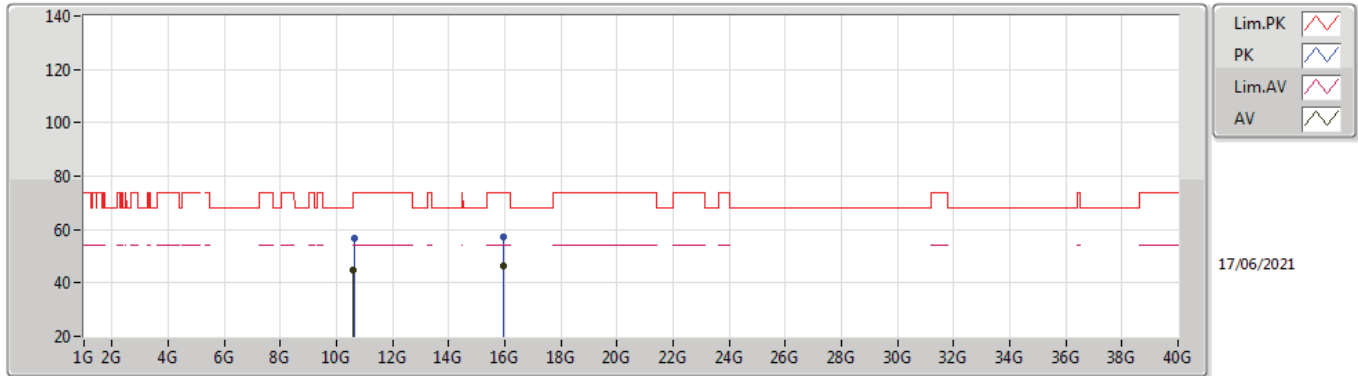


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 10.61872G    | 45.50             | 54.00             | -8.50          | 18.32          | 3           | Vertical  | 149            | 3.00          | -       | 27.18         | 39.64      | 9.08       | 30.40      |
| AV   | 15.9492G     | 46.13             | 54.00             | -7.87          | 17.41          | 3           | Vertical  | 0              | 1.93          | -       | 28.72         | 37.00      | 11.48      | 31.07      |
| PK   | 10.62464G    | 56.38             | 74.00             | -17.62         | 18.33          | 3           | Vertical  | 149            | 3.00          | -       | 38.05         | 39.65      | 9.08       | 30.40      |
| PK   | 15.94944G    | 56.88             | 74.00             | -17.12         | 17.41          | 3           | Vertical  | 0              | 1.93          | -       | 39.47         | 37.00      | 11.48      | 31.07      |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5310MHz\_TX

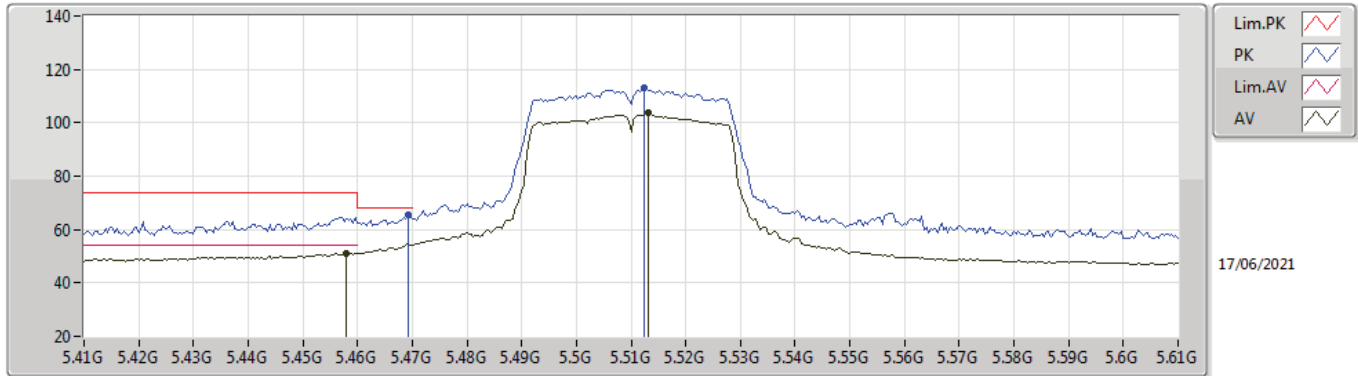


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.60296G | 44.86          | 54.00          | -9.14       | 18.28       | 3        | Horizontal | 0           | 1.60       | -       | 26.58      | 39.61   | 9.07    | 30.40   |
| AV   | 15.9272G  | 46.21          | 54.00          | -7.79       | 17.40       | 3        | Horizontal | 203         | 1.50       | -       | 28.81      | 37.00   | 11.47   | 31.07   |
| PK   | 10.62496G | 56.58          | 74.00          | -17.42      | 18.33       | 3        | Horizontal | 0           | 1.60       | -       | 38.25      | 39.65   | 9.08    | 30.40   |
| PK   | 15.92968G | 57.21          | 74.00          | -16.79      | 17.40       | 3        | Horizontal | 203         | 1.50       | -       | 39.81      | 37.00   | 11.47   | 31.07   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

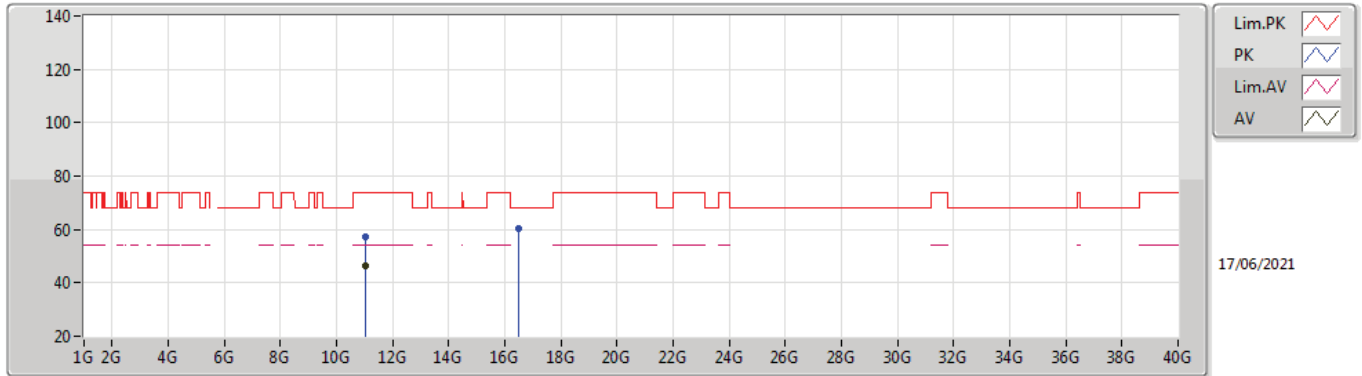
### 5510MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.458G    | 51.11          | 54.00          | -2.89       | 9.26        | 3        | Vertical  | 134         | 1.83       | -       | 41.85      | 31.63   | 6.83    | 29.20   |
| AV   | 5.5132G   | 103.66         | Inf            | -Inf        | 9.43        | 3        | Vertical  | 134         | 1.83       | -       | 94.23      | 31.77   | 6.86    | 29.20   |
| PK   | 5.4692G   | 65.53          | 68.20          | -2.67       | 9.31        | 3        | Vertical  | 134         | 1.83       | -       | 56.22      | 31.68   | 6.83    | 29.20   |
| PK   | 5.5124G   | 113.19         | Inf            | -Inf        | 9.44        | 3        | Vertical  | 134         | 1.83       | -       | 103.75     | 31.78   | 6.86    | 29.20   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5510MHz\_TX



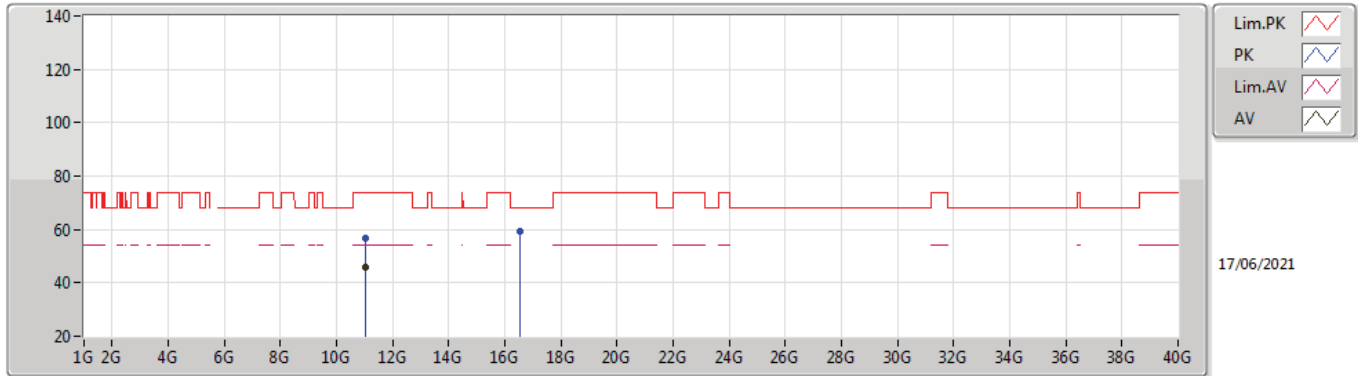
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.02864G | 46.22          | 54.00          | -7.78       | 19.00       | 3        | Vertical  | 178         | 1.50       | -       | 27.22      | 40.19   | 9.26    | 30.45   |
| PK   | 11.0272G  | 57.30          | 74.00          | -16.70      | 19.00       | 3        | Vertical  | 178         | 1.50       | -       | 38.30      | 40.19   | 9.26    | 30.45   |
| PK   | 16.51176G | 60.10          | 68.20          | -8.10       | 19.51       | 3        | Vertical  | 278         | 2.59       | -       | 40.59      | 38.79   | 11.78   | 31.06   |





### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

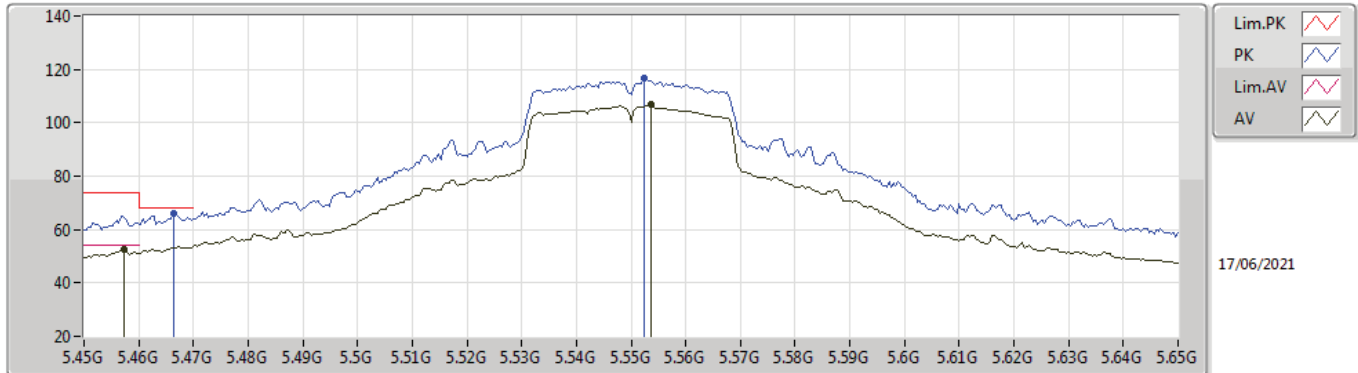
### 5510MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.01464G | 46.03          | 54.00          | -7.97       | 19.05       | 3        | Horizontal | 296         | 2.99       | -       | 26.98      | 40.24   | 9.26    | 30.45   |
| PK   | 11.0156G  | 56.74          | 74.00          | -17.26      | 19.05       | 3        | Horizontal | 296         | 2.99       | -       | 37.69      | 40.24   | 9.26    | 30.45   |
| PK   | 16.53344G | 59.41          | 68.20          | -8.79       | 19.51       | 3        | Horizontal | 80          | 2.16       | -       | 39.90      | 38.77   | 11.79   | 31.05   |

802.11ac VHT40\_Nss1,(MCS0)\_2TX

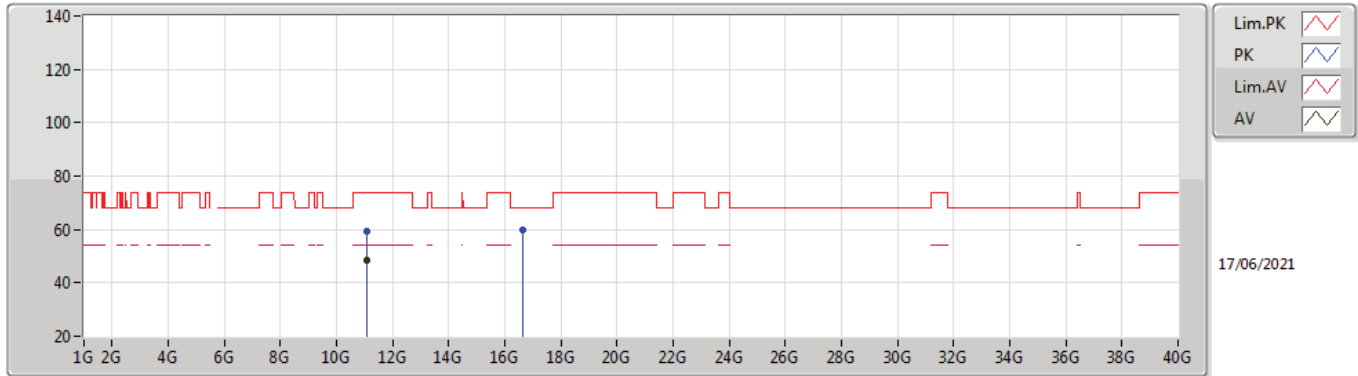
5550MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4572G   | 52.33          | 54.00          | -1.67       | 9.26        | 3        | Vertical  | 134         | 1.84       | -       | 43.07      | 31.63   | 6.83    | 29.20   |
| AV   | 5.5536G   | 106.83         | Inf            | -Inf        | 9.36        | 3        | Vertical  | 134         | 1.84       | -       | 97.47      | 31.70   | 6.88    | 29.22   |
| PK   | 5.4664G   | 65.98          | 68.20          | -2.22       | 9.30        | 3        | Vertical  | 134         | 1.84       | -       | 56.68      | 31.67   | 6.83    | 29.20   |
| PK   | 5.5524G   | 116.61         | Inf            | -Inf        | 9.36        | 3        | Vertical  | 134         | 1.84       | -       | 107.25     | 31.70   | 6.88    | 29.22   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

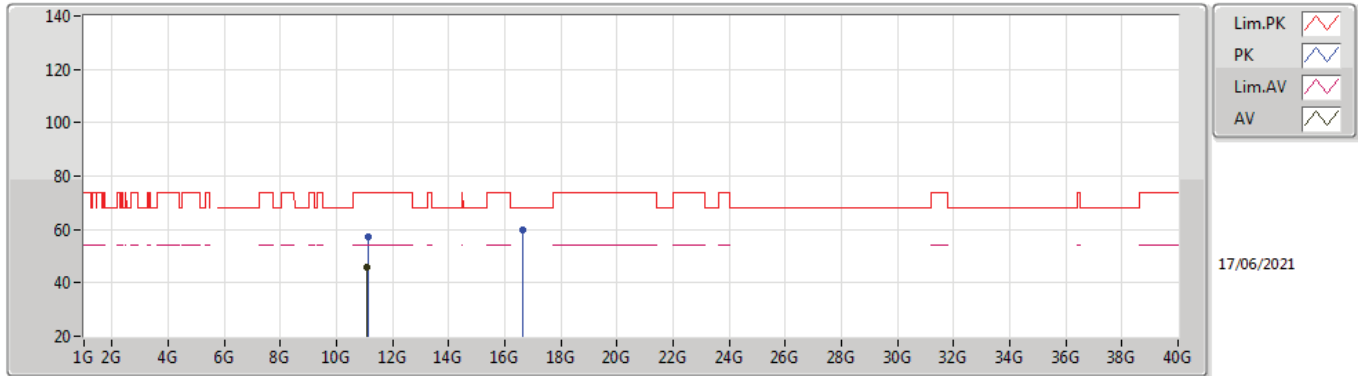
### 5550MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.09848G | 48.45          | 54.00          | -5.55       | 18.76       | 3        | Vertical  | 159         | 1.08       | -       | 29.69      | 39.91   | 9.29    | 30.44   |
| PK   | 11.09864G | 59.13          | 74.00          | -14.87      | 18.76       | 3        | Vertical  | 159         | 1.08       | -       | 40.37      | 39.91   | 9.29    | 30.44   |
| PK   | 16.63656G | 59.80          | 68.20          | -8.40       | 19.81       | 3        | Vertical  | 0           | 1.87       | -       | 39.99      | 38.96   | 11.85   | 31.00   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5550MHz\_TX

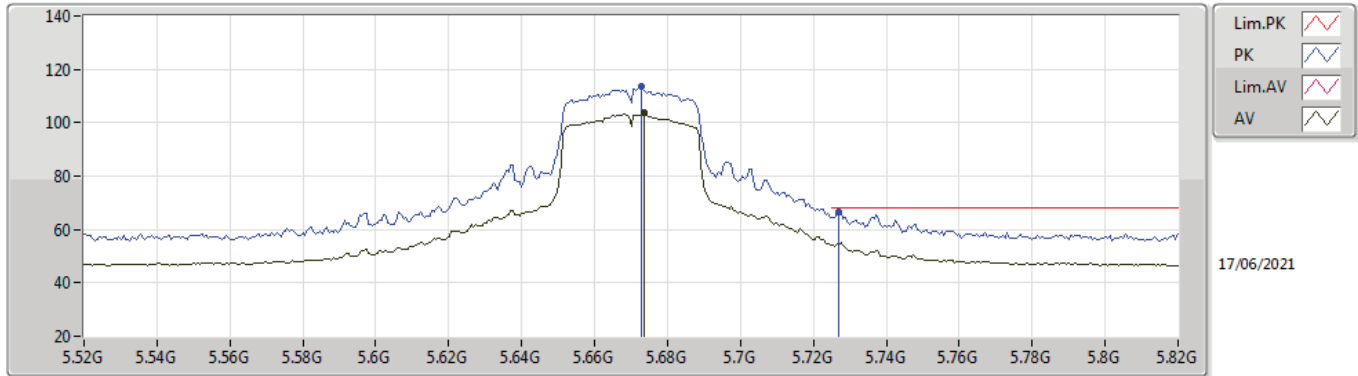


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.08648G | 45.94          | 54.00          | -8.06       | 18.80       | 3        | Horizontal | 92          | 1.62       | -       | 27.14      | 39.95   | 9.29    | 30.44   |
| PK   | 11.11624G | 57.31          | 74.00          | -16.69      | 18.74       | 3        | Horizontal | 92          | 1.62       | -       | 38.57      | 39.87   | 9.30    | 30.43   |
| PK   | 16.66392G | 59.79          | 68.20          | -8.41       | 20.04       | 3        | Horizontal | 156         | 2.43       | -       | 39.75      | 39.15   | 11.87   | 30.98   |



802.11ac VHT40\_Nss1,(MCS0)\_2TX

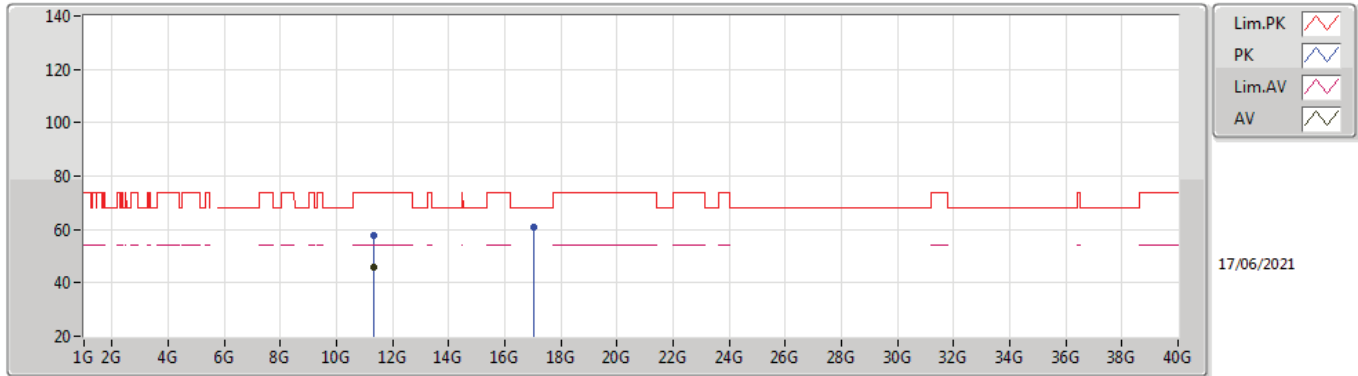
5670MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.6736G   | 103.71         | Inf            | -Inf        | 9.37        | 3        | Vertical  | 134         | 1.50       | -       | 94.34      | 31.69   | 6.94    | 29.26   |
| PK   | 5.673G    | 113.55         | Inf            | -Inf        | 9.37        | 3        | Vertical  | 134         | 1.50       | -       | 104.18     | 31.69   | 6.94    | 29.26   |
| PK   | 5.727G    | 66.43          | 68.20          | -1.77       | 9.53        | 3        | Vertical  | 134         | 1.50       | -       | 56.90      | 31.85   | 6.96    | 29.28   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5670MHz\_TX

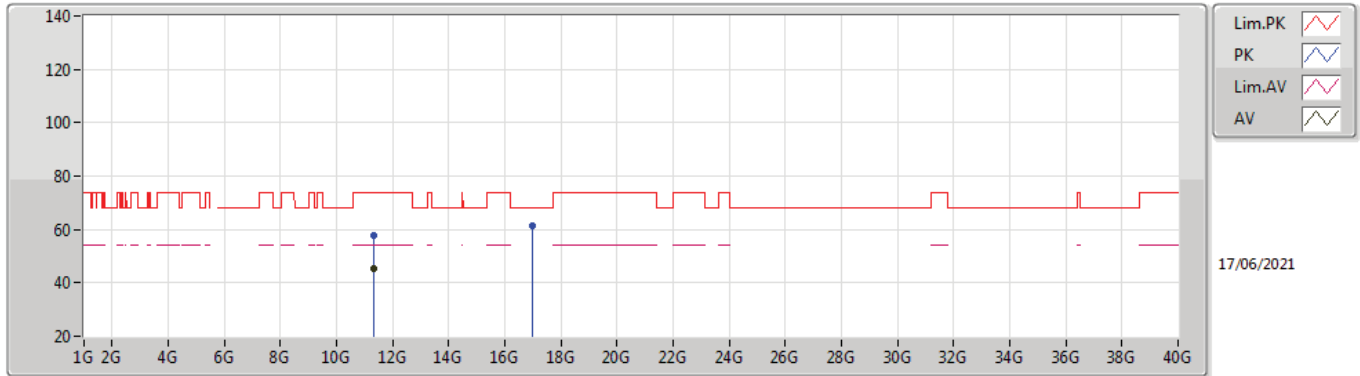


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.3476G  | 46.00          | 54.00          | -8.00       | 18.91       | 3        | Vertical  | 296         | 2.94       | -       | 27.09      | 39.90   | 9.41    | 30.40   |
| PK   | 11.34656G | 57.82          | 74.00          | -16.18      | 18.90       | 3        | Vertical  | 296         | 2.94       | -       | 38.92      | 39.89   | 9.41    | 30.40   |
| PK   | 17.01192G | 61.09          | 68.20          | -7.11       | 21.34       | 3        | Vertical  | 360         | 2.00       | -       | 39.75      | 40.09   | 12.06   | 30.81   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

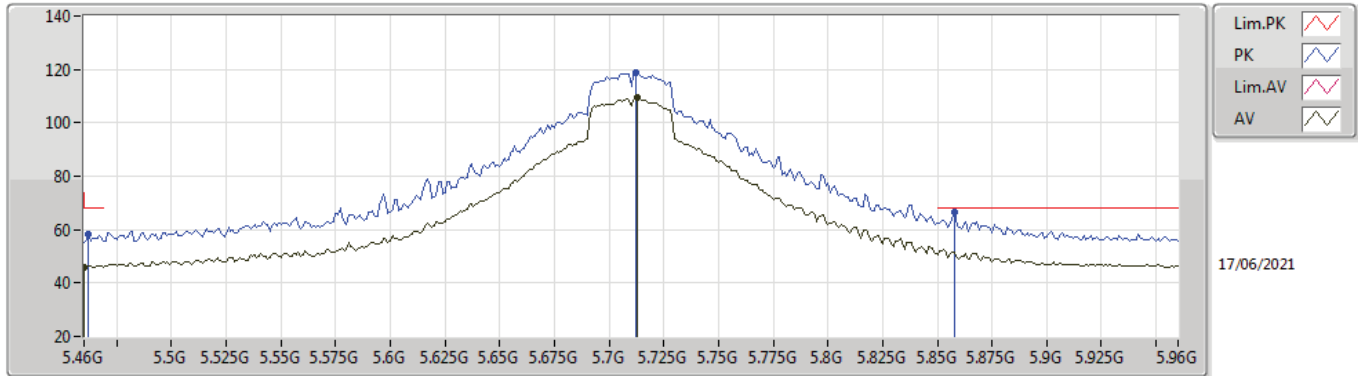
### 5670MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.32552G | 45.52          | 54.00          | -8.48       | 18.85       | 3        | Horizontal | 26          | 1.50       | -       | 26.67      | 39.85   | 9.40    | 30.40   |
| PK   | 11.33048G | 57.86          | 74.00          | -16.14      | 18.86       | 3        | Horizontal | 26          | 1.50       | -       | 39.00      | 39.86   | 9.40    | 30.40   |
| PK   | 16.998G   | 61.24          | 68.20          | -6.96       | 21.34       | 3        | Horizontal | 329         | 1.50       | -       | 39.90      | 40.10   | 12.05   | 30.81   |

**802.11ac VHT40\_Nss1,(MCS0)\_2TX**

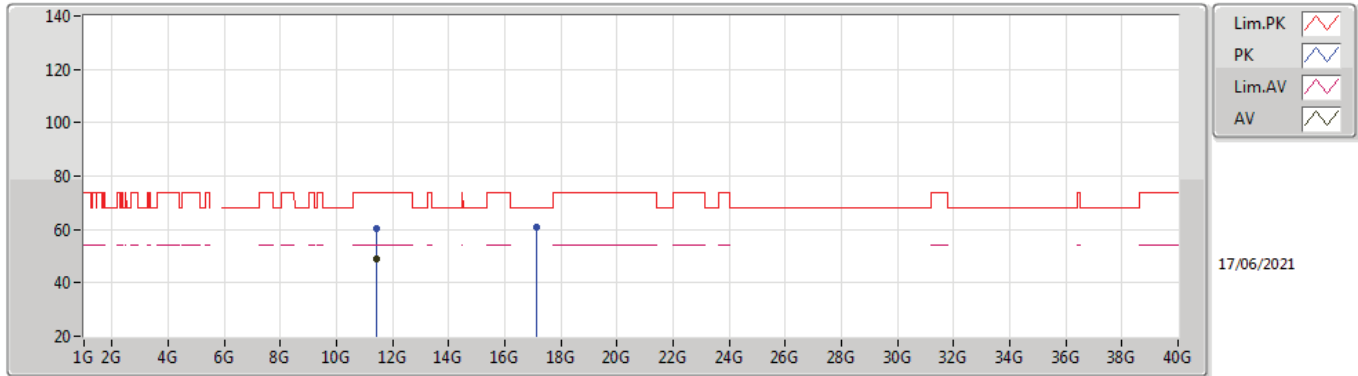
**5710MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.46G     | 45.86          | 54.00          | -8.14       | 9.27        | 3        | Vertical  | 134         | 1.67       | -       | 36.59      | 31.64   | 6.83    | 29.20   |
| AV   | 5.713G    | 109.52         | Inf            | -Inf        | 9.52        | 3        | Vertical  | 134         | 1.67       | -       | 100.00     | 31.83   | 6.96    | 29.27   |
| PK   | 5.462G    | 58.07          | 68.20          | -10.13      | 9.28        | 3        | Vertical  | 134         | 1.67       | -       | 48.79      | 31.65   | 6.83    | 29.20   |
| PK   | 5.712G    | 119.02         | Inf            | -Inf        | 9.51        | 3        | Vertical  | 134         | 1.67       | -       | 109.51     | 31.82   | 6.96    | 29.27   |
| PK   | 5.858G    | 66.56          | 68.20          | -1.64       | 9.83        | 3        | Vertical  | 134         | 1.67       | -       | 56.73      | 32.12   | 7.03    | 29.32   |

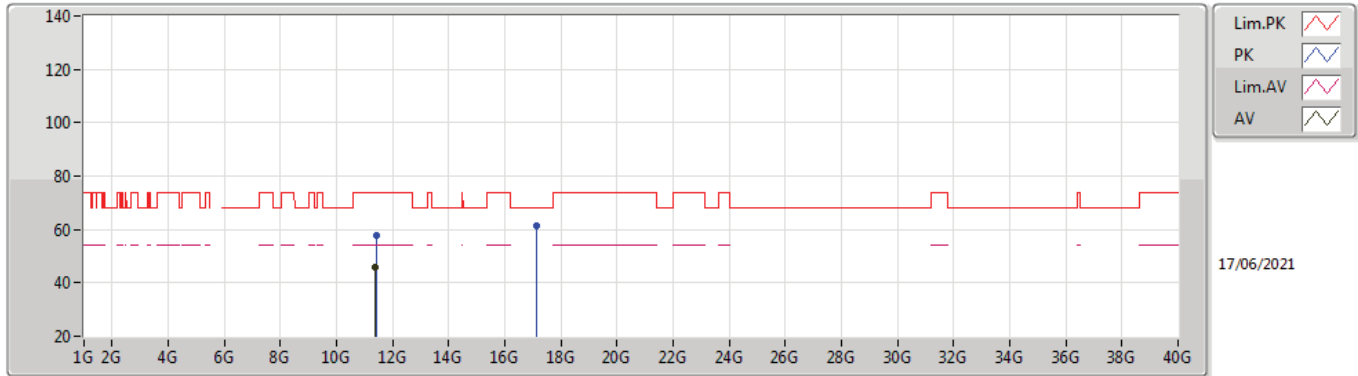


**802.11ac VHT40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.41848G | 48.99          | 54.00          | -5.01       | 19.03       | 3        | Vertical  | 136         | 2.77       | -       | 29.96      | 39.98   | 9.44    | 30.39   |
| PK   | 11.41648G | 60.41          | 74.00          | -13.59      | 19.03       | 3        | Vertical  | 136         | 2.77       | -       | 41.38      | 39.98   | 9.44    | 30.39   |
| PK   | 17.13232G | 61.06          | 68.20          | -7.14       | 21.32       | 3        | Vertical  | 356         | 2.91       | -       | 39.74      | 39.97   | 12.12   | 30.77   |

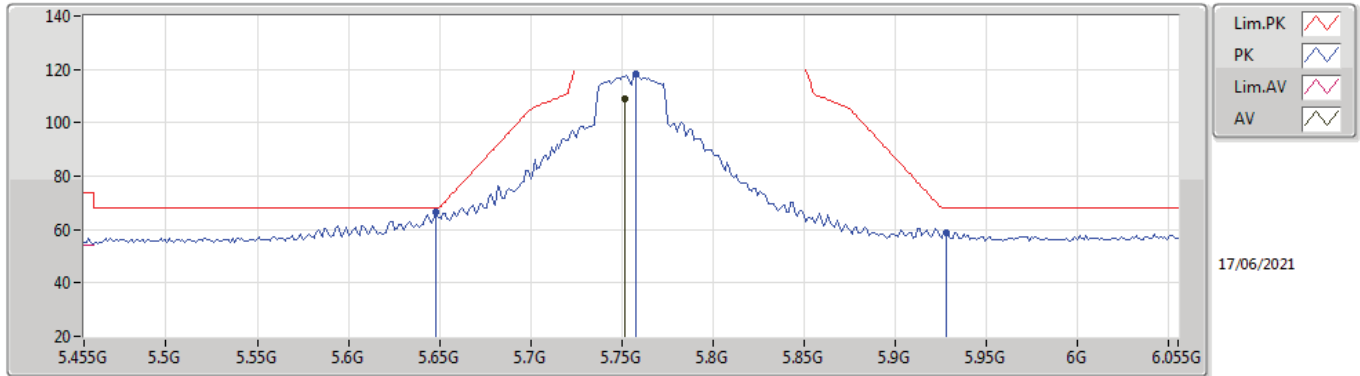
**802.11ac VHT40\_Nss1,(MCS0)\_2TX**  
**5710MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.40152G | 45.82          | 54.00          | -8.18       | 19.04       | 3        | Horizontal | 33          | 1.50       | -       | 26.78      | 40.00   | 9.43    | 30.39   |
| PK   | 11.40544G | 57.85          | 74.00          | -16.15      | 19.03       | 3        | Horizontal | 33          | 1.50       | -       | 38.82      | 39.99   | 9.43    | 30.39   |
| PK   | 17.12512G | 61.40          | 68.20          | -6.80       | 21.32       | 3        | Horizontal | 238         | 1.49       | -       | 40.08      | 39.97   | 12.12   | 30.77   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5755MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7514G   | 109.16         | Inf            | -Inf        | 9.59        | 3        | Vertical  | 221         | 1.84       | -       | 99.57      | 31.90   | 6.98    | 29.29   |
| PK   | 5.6482G   | 66.47          | 68.20          | -1.73       | 9.27        | 3        | Vertical  | 221         | 1.84       | -       | 57.20      | 31.60   | 6.92    | 29.25   |
| PK   | 5.7574G   | 118.21         | Inf            | -Inf        | 9.59        | 3        | Vertical  | 221         | 1.84       | -       | 108.62     | 31.90   | 6.98    | 29.29   |
| PK   | 5.9278G   | 59.03          | 68.20          | -9.17       | 10.02       | 3        | Vertical  | 221         | 1.84       | -       | 49.01      | 32.31   | 7.06    | 29.35   |



802.11ac VHT40\_Nss1,(MCS0)\_2TX

5755MHz\_TX

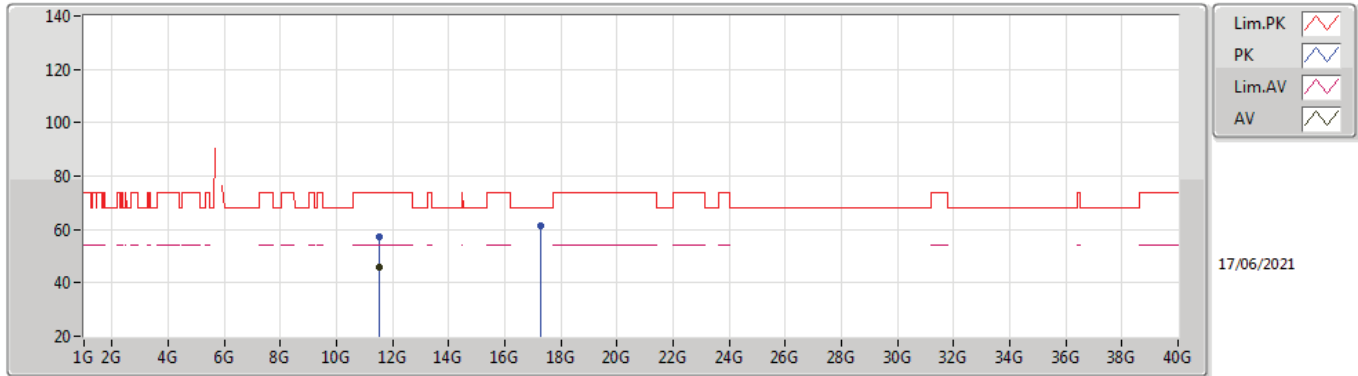


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.5087G     | 47.10             | 54.00             | -6.90          | 18.99          | 3           | Vertical  | 150            | 2.77          | -       | 28.11         | 39.89      | 9.48       | 30.38      |
| PK   | 11.5089G     | 58.91             | 74.00             | -15.09         | 18.99          | 3           | Vertical  | 150            | 2.77          | -       | 39.92         | 39.89      | 9.48       | 30.38      |
| PK   | 17.2674G     | 61.18             | 68.20             | -7.02          | 21.37          | 3           | Vertical  | 158            | 1.50          | -       | 39.81         | 39.90      | 12.20      | 30.73      |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

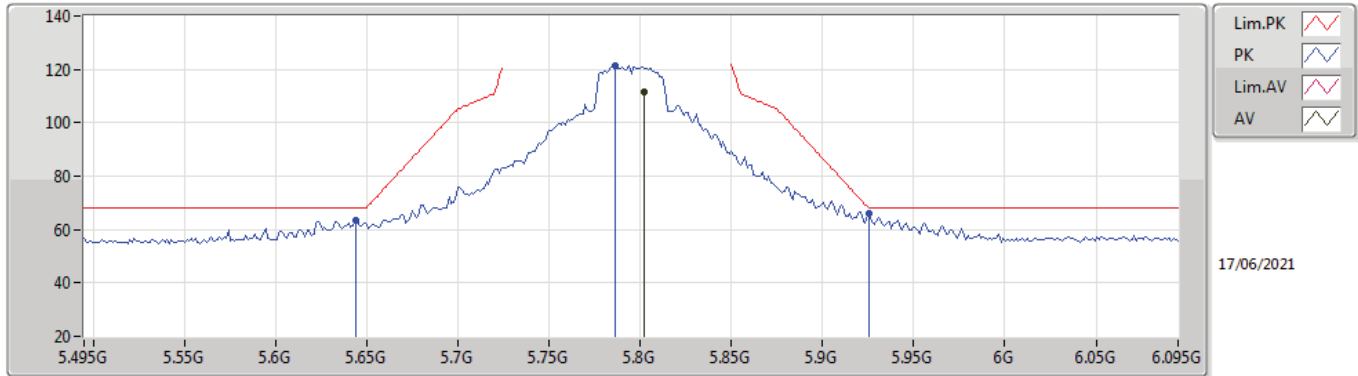
### 5755MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.5035G  | 45.65          | 54.00          | -8.35       | 19.00       | 3        | Horizontal | 242         | 3.00       | -       | 26.65      | 39.90   | 9.48    | 30.38   |
| PK   | 11.5269G  | 57.26          | 74.00          | -16.74      | 18.99       | 3        | Horizontal | 242         | 3.00       | -       | 38.27      | 39.87   | 9.49    | 30.37   |
| PK   | 17.2558G  | 61.54          | 68.20          | -6.66       | 21.36       | 3        | Horizontal | 90          | 2.38       | -       | 40.18      | 39.90   | 12.19   | 30.73   |

### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5795MHz\_TX

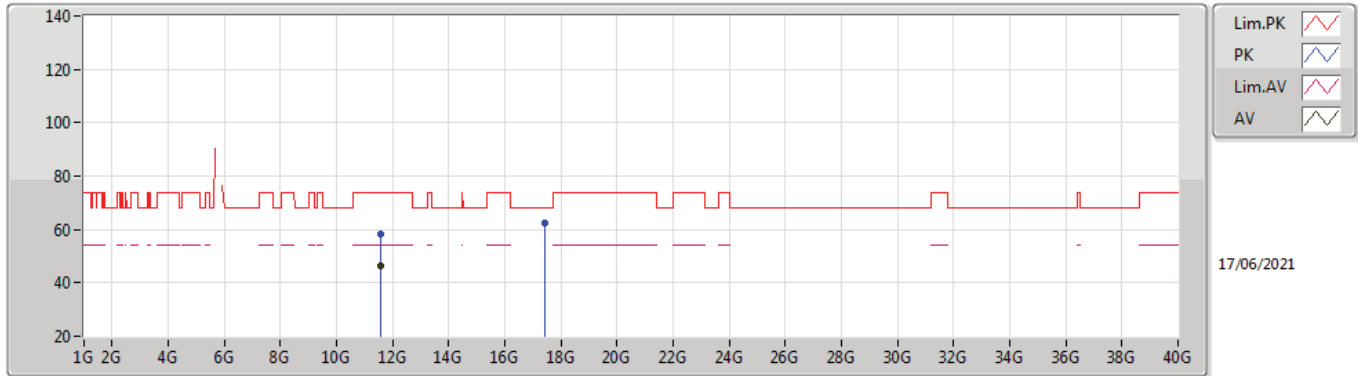


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.8022G      | 111.67            | Inf               | -Inf           | 9.61           | 3           | Vertical  | 247            | 1.83          | -       | 102.06        | 31.91      | 7.00       | 29.30      |
| PK   | 5.6438G      | 63.46             | 68.20             | -4.74          | 9.28           | 3           | Vertical  | 247            | 1.83          | -       | 54.18         | 31.61      | 6.92       | 29.25      |
| PK   | 5.7866G      | 121.58            | Inf               | -Inf           | 9.59           | 3           | Vertical  | 247            | 1.83          | -       | 111.99        | 31.90      | 6.99       | 29.30      |
| PK   | 5.9258G      | 66.05             | 68.20             | -2.15          | 10.02          | 3           | Vertical  | 247            | 1.83          | -       | 56.03         | 32.30      | 7.06       | 29.34      |



802.11ac VHT40\_Nss1,(MCS0)\_2TX

5795MHz\_TX

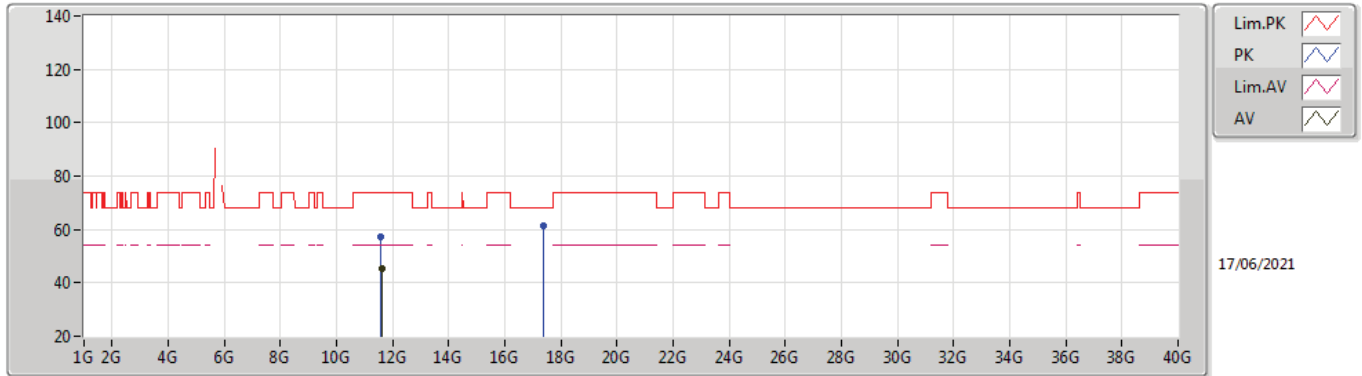


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.5983G  | 46.24          | 54.00          | -7.76       | 18.97       | 3        | Vertical  | 199         | 1.02       | -       | 27.27      | 39.80   | 9.52    | 30.35   |
| PK   | 11.5962G  | 58.22          | 74.00          | -15.78      | 18.97       | 3        | Vertical  | 199         | 1.02       | -       | 39.25      | 39.80   | 9.52    | 30.35   |
| PK   | 17.4017G  | 62.53          | 68.20          | -5.67       | 22.29       | 3        | Vertical  | 222         | 2.86       | -       | 40.24      | 40.71   | 12.27   | 30.69   |



### 802.11ac VHT40\_Nss1,(MCS0)\_2TX

### 5795MHz\_TX

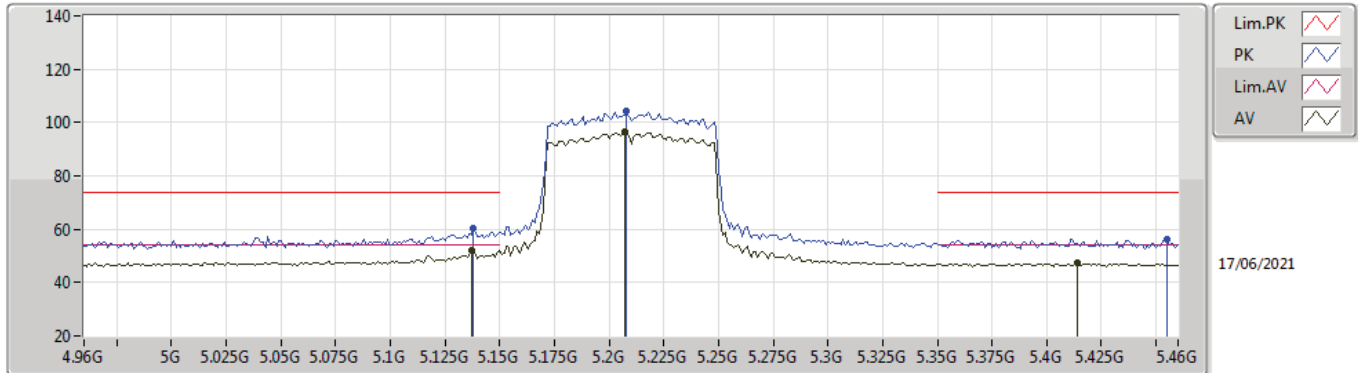


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.6139G  | 45.59          | 54.00          | -8.41       | 18.92       | 3        | Horizontal | 313         | 2.01       | -       | 26.67      | 39.73   | 9.53    | 30.34   |
| PK   | 11.579G   | 57.15          | 74.00          | -16.85      | 18.98       | 3        | Horizontal | 313         | 2.01       | -       | 38.17      | 39.82   | 9.51    | 30.35   |
| PK   | 17.3792G  | 61.53          | 68.20          | -6.67       | 22.09       | 3        | Horizontal | 26          | 2.14       | -       | 39.44      | 40.53   | 12.26   | 30.70   |



### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

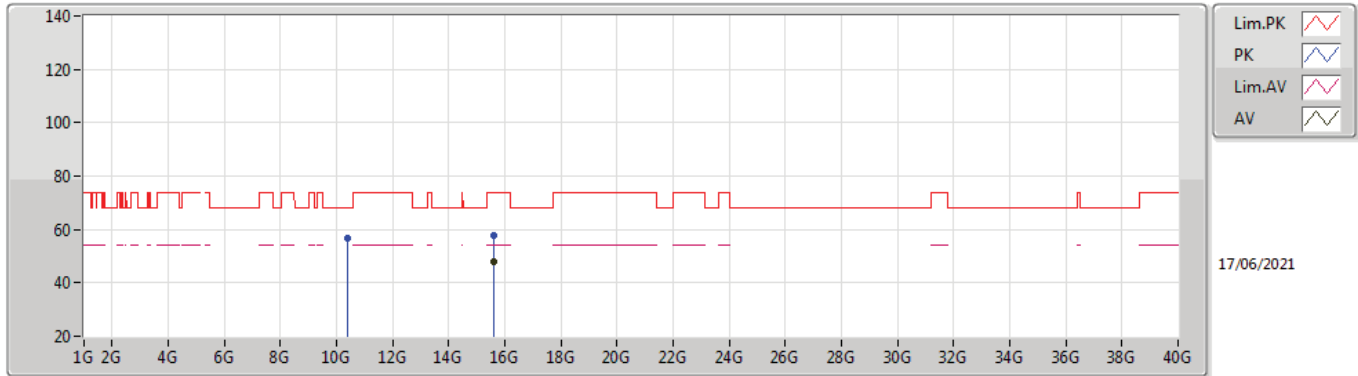
### 5210MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.137G    | 51.94          | 54.00          | -2.06       | 9.59        | 3        | Vertical  | 322         | 1.50       | -       | 42.35      | 32.00   | 6.77    | 29.18   |
| AV   | 5.207G    | 96.43          | Inf            | -Inf        | 9.46        | 3        | Vertical  | 322         | 1.50       | -       | 86.97      | 31.84   | 6.80    | 29.18   |
| AV   | 5.414G    | 47.16          | 54.00          | -6.84       | 9.15        | 3        | Vertical  | 322         | 1.50       | -       | 38.01      | 31.53   | 6.81    | 29.19   |
| PK   | 5.138G    | 60.51          | 74.00          | -13.49      | 9.59        | 3        | Vertical  | 322         | 1.50       | -       | 50.92      | 32.00   | 6.77    | 29.18   |
| PK   | 5.208G    | 104.35         | Inf            | -Inf        | 9.46        | 3        | Vertical  | 322         | 1.50       | -       | 94.89      | 31.84   | 6.80    | 29.18   |
| PK   | 5.455G    | 56.38          | 74.00          | -17.62      | 9.25        | 3        | Vertical  | 322         | 1.50       | -       | 47.13      | 31.62   | 6.83    | 29.20   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

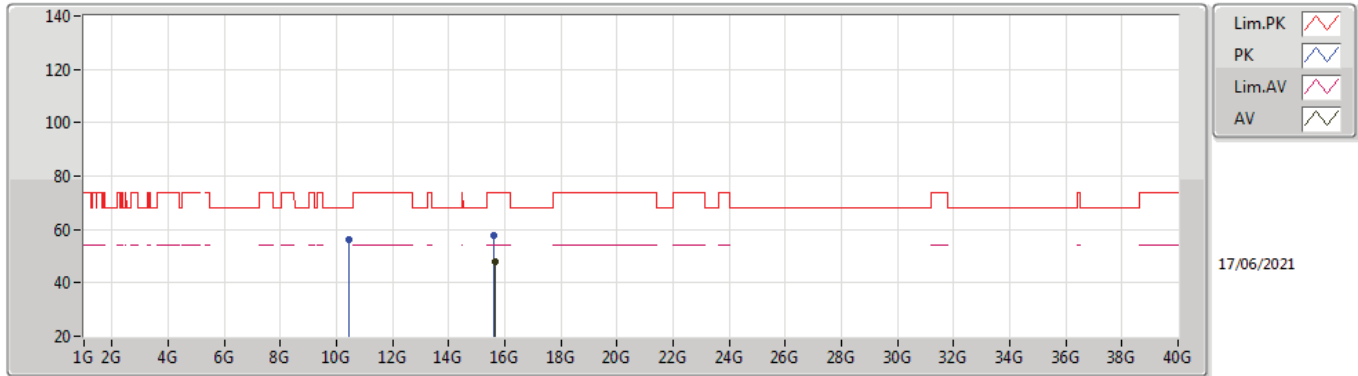
### 5210MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.61672G | 48.06          | 54.00          | -5.94       | 17.94       | 3        | Vertical  | 272         | 1.46       | -       | 30.12      | 37.65   | 11.33   | 31.04   |
| PK   | 10.4048G  | 56.61          | 68.20          | -11.59      | 18.22       | 3        | Vertical  | 355         | 1.43       | -       | 38.39      | 39.60   | 8.98    | 30.36   |
| PK   | 15.61608G | 57.93          | 74.00          | -16.07      | 17.94       | 3        | Vertical  | 272         | 1.46       | -       | 39.99      | 37.65   | 11.33   | 31.04   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

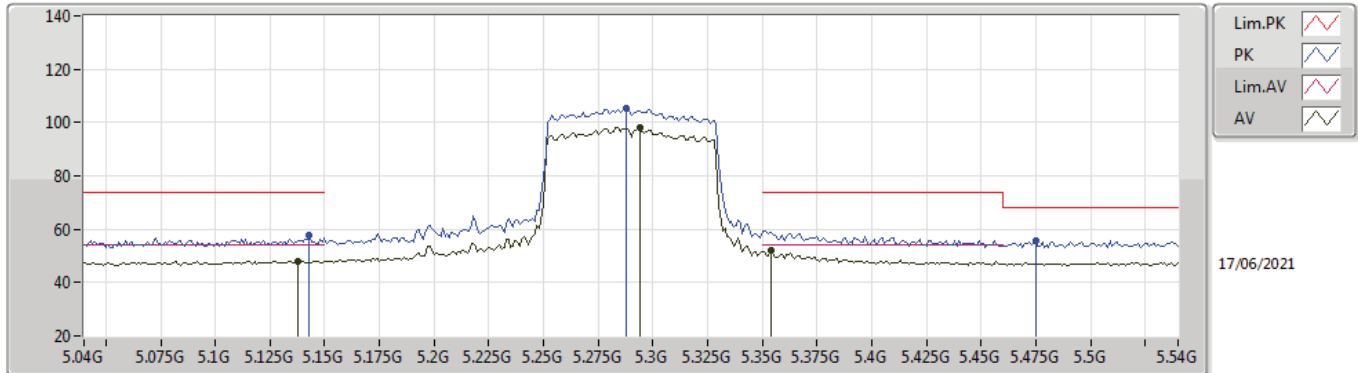
### 5210MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.63912G | 47.84          | 54.00          | -6.16       | 17.88       | 3        | Horizontal | 148         | 1.01       | -       | 29.96      | 37.58   | 11.34   | 31.04   |
| PK   | 10.42304G | 56.24          | 68.20          | -11.96      | 18.24       | 3        | Horizontal | 118         | 2.42       | -       | 38.00      | 39.62   | 8.99    | 30.37   |
| PK   | 15.61352G | 57.71          | 74.00          | -16.29      | 17.95       | 3        | Horizontal | 148         | 1.01       | -       | 39.76      | 37.66   | 11.33   | 31.04   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

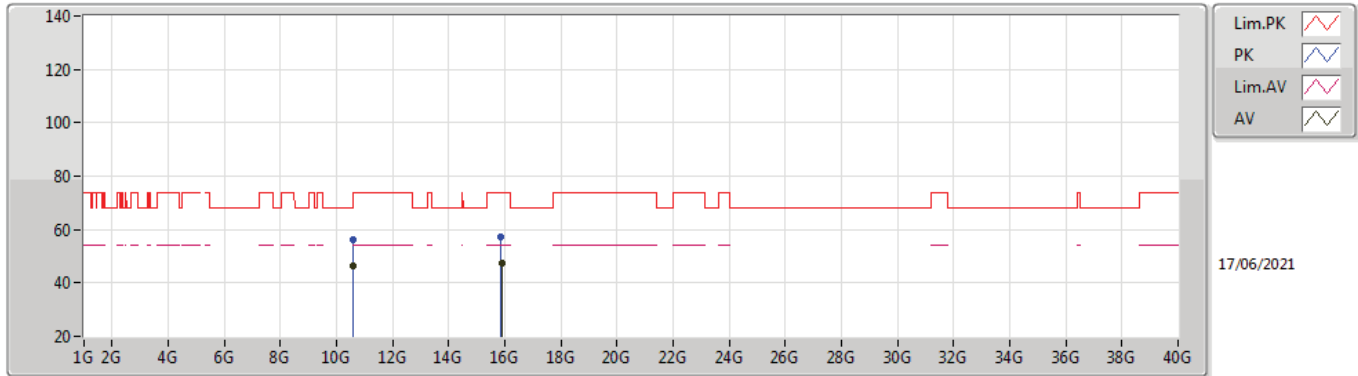
### 5290MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.138G    | 48.12          | 54.00          | -5.88       | 9.59        | 3        | Vertical  | 17          | 1.82       | -       | 38.53      | 32.00   | 6.77    | 29.18   |
| AV   | 5.294G    | 97.95          | Inf            | -Inf        | 8.85        | 3        | Vertical  | 17          | 1.82       | -       | 89.10      | 31.24   | 6.80    | 29.19   |
| AV   | 5.354G    | 52.30          | 54.00          | -1.70       | 8.74        | 3        | Vertical  | 17          | 1.82       | -       | 43.56      | 31.13   | 6.80    | 29.19   |
| PK   | 5.143G    | 57.89          | 74.00          | -16.11      | 9.59        | 3        | Vertical  | 17          | 1.82       | -       | 48.30      | 32.00   | 6.77    | 29.18   |
| PK   | 5.288G    | 105.57         | Inf            | -Inf        | 8.88        | 3        | Vertical  | 17          | 1.82       | -       | 96.69      | 31.27   | 6.80    | 29.19   |
| PK   | 5.475G    | 55.68          | 68.20          | -12.52      | 9.34        | 3        | Vertical  | 17          | 1.82       | -       | 46.34      | 31.70   | 6.84    | 29.20   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

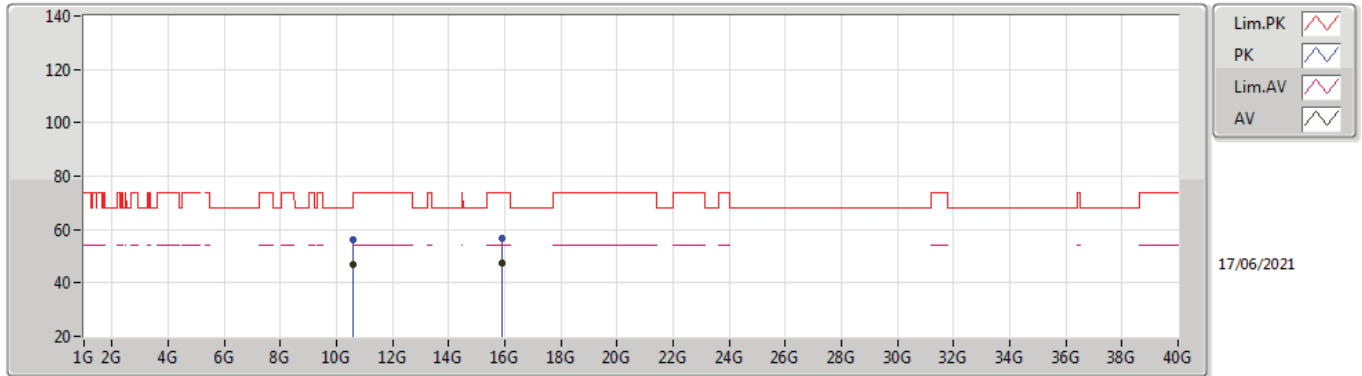
#### 5290MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 10.60752G | 46.47          | 54.00          | -7.53       | 18.29       | 3        | Vertical  | 194         | 1.50       | -       | 28.18      | 39.62   | 9.07    | 30.40   |
| AV   | 15.89672G | 47.55          | 54.00          | -6.45       | 17.39       | 3        | Vertical  | 260         | 2.40       | -       | 30.16      | 37.01   | 11.45   | 31.07   |
| PK   | 10.60184G | 56.05          | 74.00          | -17.95      | 18.27       | 3        | Vertical  | 194         | 1.50       | -       | 37.78      | 39.60   | 9.07    | 30.40   |
| PK   | 15.86616G | 57.30          | 74.00          | -16.70      | 17.47       | 3        | Vertical  | 260         | 2.40       | -       | 39.83      | 37.10   | 11.44   | 31.07   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

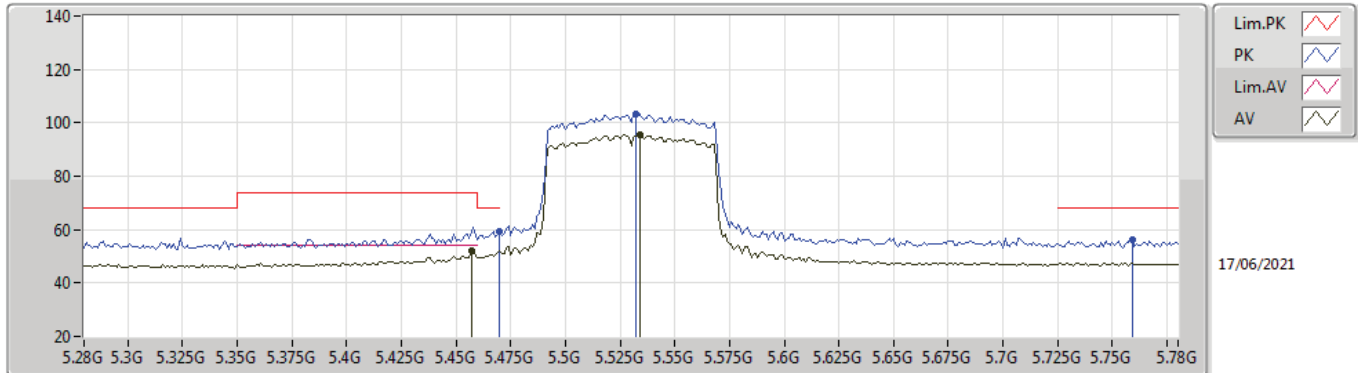
#### 5290MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 10.60118G    | 47.06             | 54.00             | -6.94          | 18.27          | 3           | Horizontal | 275            | 1.07          | -       | 28.79         | 39.60      | 9.07       | 30.40      |
| AV   | 15.88056G    | 47.57             | 54.00             | -6.43          | 17.44          | 3           | Horizontal | 235            | 2.23          | -       | 30.13         | 37.06      | 11.45      | 31.07      |
| PK   | 10.60848G    | 56.44             | 74.00             | -17.56         | 18.29          | 3           | Horizontal | 275            | 1.07          | -       | 38.15         | 39.62      | 9.07       | 30.40      |
| PK   | 15.8972G     | 56.52             | 74.00             | -17.48         | 17.39          | 3           | Horizontal | 235            | 2.23          | -       | 39.13         | 37.01      | 11.45      | 31.07      |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5530MHz\_TX

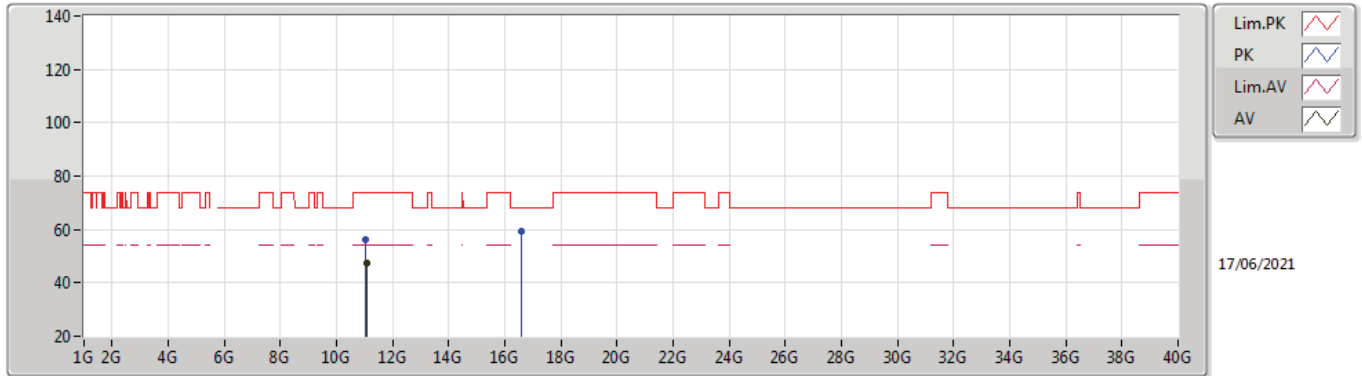


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.457G    | 51.98          | 54.00          | -2.02       | 9.26        | 3        | Vertical  | 242         | 1.78       | -       | 42.72      | 31.63   | 6.83    | 29.20   |
| AV   | 5.534G    | 95.74          | Inf            | -Inf        | 9.39        | 3        | Vertical  | 242         | 1.78       | -       | 86.35      | 31.73   | 6.87    | 29.21   |
| PK   | 5.47G     | 59.19          | 68.20          | -9.01       | 9.31        | 3        | Vertical  | 242         | 1.78       | -       | 49.88      | 31.68   | 6.83    | 29.20   |
| PK   | 5.532G    | 103.33         | Inf            | -Inf        | 9.40        | 3        | Vertical  | 242         | 1.78       | -       | 93.93      | 31.74   | 6.87    | 29.21   |
| PK   | 5.759G    | 56.18          | 68.20          | -12.02      | 9.59        | 3        | Vertical  | 242         | 1.78       | -       | 46.59      | 31.90   | 6.98    | 29.29   |



802.11ac VHT80\_Nss1,(MCS0)\_2TX

5530MHz\_TX



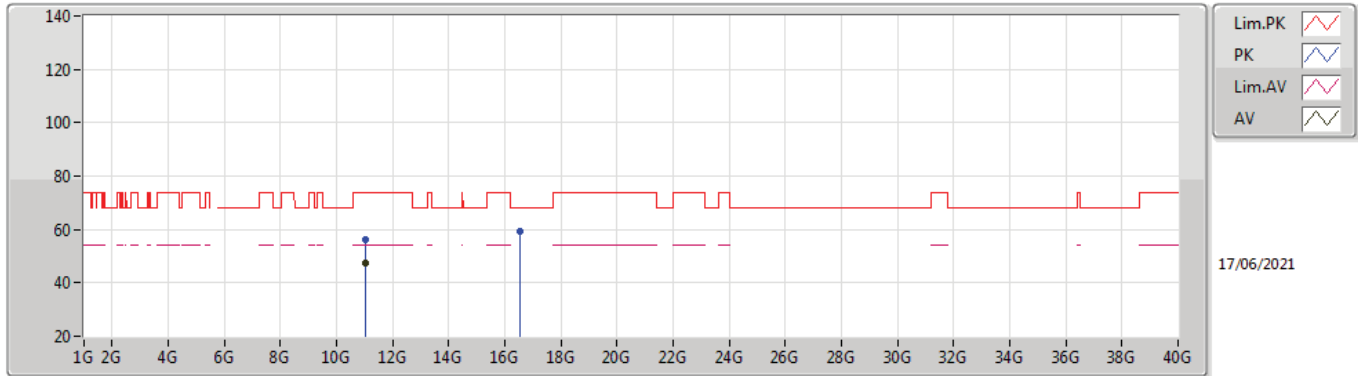
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.08384G    | 47.18             | 54.00             | -6.82          | 18.81          | 3           | Vertical  | 143            | 1.62          | -       | 28.37         | 39.96      | 9.29       | 30.44      |
| PK   | 11.03472G    | 56.40             | 74.00             | -17.60         | 18.98          | 3           | Vertical  | 143            | 1.62          | -       | 37.42         | 40.16      | 9.27       | 30.45      |
| PK   | 16.57768G    | 59.27             | 68.20             | -8.93          | 19.51          | 3           | Vertical  | 294            | 1.63          | -       | 39.76         | 38.72      | 11.82      | 31.03      |





### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5530MHz\_TX

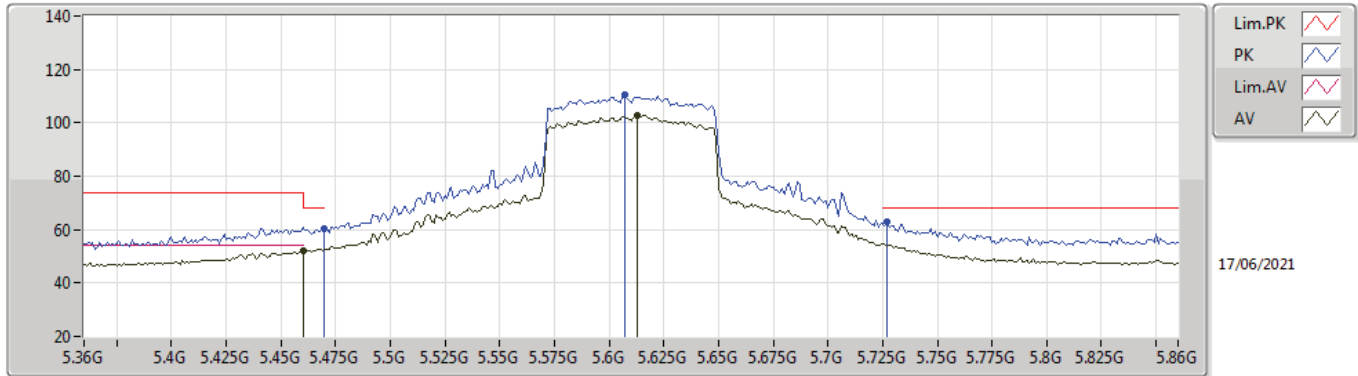


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.03808G | 47.25          | 54.00          | -6.75       | 18.98       | 3        | Horizontal | 221         | 1.51       | -       | 28.27      | 40.15   | 9.27    | 30.44   |
| PK   | 11.04912G | 56.36          | 74.00          | -17.64      | 18.93       | 3        | Horizontal | 221         | 1.51       | -       | 37.43      | 40.10   | 9.27    | 30.44   |
| PK   | 16.55656G | 59.43          | 68.20          | -8.77       | 19.51       | 3        | Horizontal | 98          | 1.83       | -       | 39.92      | 38.74   | 11.81   | 31.04   |



### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5610MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.46G     | 51.88          | 54.00          | -2.12       | 9.27        | 3        | Vertical  | 360         | 1.42       | -       | 42.61      | 31.64   | 6.83    | 29.20   |
| AV   | 5.613G    | 102.89         | Inf            | -Inf        | 9.34        | 3        | Vertical  | 360         | 1.42       | -       | 93.55      | 31.67   | 6.91    | 29.24   |
| PK   | 5.47G     | 60.47          | 68.20          | -7.73       | 9.31        | 3        | Vertical  | 360         | 1.42       | -       | 51.16      | 31.68   | 6.83    | 29.20   |
| PK   | 5.607G    | 110.56         | Inf            | -Inf        | 9.35        | 3        | Vertical  | 360         | 1.42       | -       | 101.21     | 31.69   | 6.90    | 29.24   |
| PK   | 5.727G    | 62.68          | 68.20          | -5.52       | 9.53        | 3        | Vertical  | 360         | 1.42       | -       | 53.15      | 31.85   | 6.96    | 29.28   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5610MHz\_TX

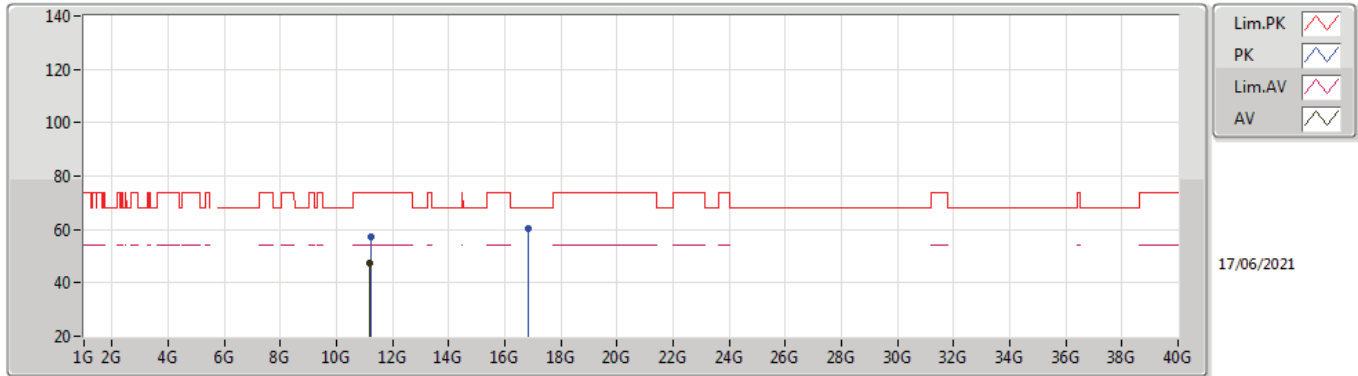


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.18416G | 48.25          | 54.00          | -5.75       | 18.64       | 3        | Vertical  | 156         | 1.21       | -       | 29.61      | 39.73   | 9.33    | 30.42   |
| PK   | 11.22G    | 57.26          | 74.00          | -16.74      | 18.65       | 3        | Vertical  | 156         | 1.21       | -       | 38.61      | 39.72   | 9.35    | 30.42   |
| PK   | 16.8436G  | 61.05          | 68.20          | -7.15       | 21.17       | 3        | Vertical  | 276         | 1.00       | -       | 39.88      | 40.10   | 11.96   | 30.89   |



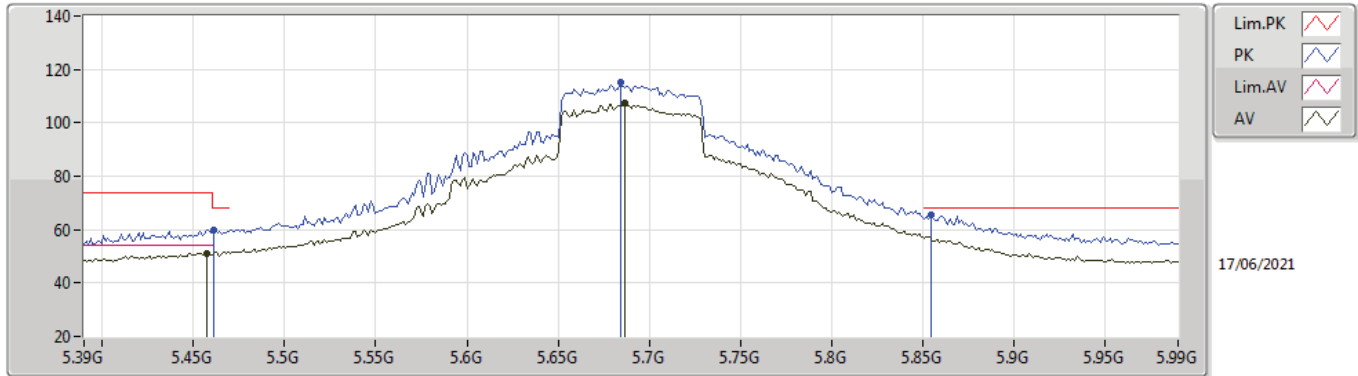
802.11ac VHT80\_Nss1,(MCS0)\_2TX

5610MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.19632G | 47.41          | 54.00          | -6.59       | 18.63       | 3        | Horizontal | 289         | 1.05       | -       | 28.78      | 39.71   | 9.34    | 30.42   |
| PK   | 11.21088G | 57.12          | 74.00          | -16.88      | 18.63       | 3        | Horizontal | 289         | 1.05       | -       | 38.49      | 39.71   | 9.34    | 30.42   |
| PK   | 16.83992G | 60.58          | 68.20          | -7.62       | 21.17       | 3        | Horizontal | 187         | 1.93       | -       | 39.41      | 40.10   | 11.96   | 30.89   |

**802.11ac VHT80\_Nss1,(MCS0)\_2TX**  
**5690MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4572G   | 51.04          | 54.00          | -2.96       | 9.26        | 3        | Vertical  | 333         | 1.49       | -       | 41.78      | 31.63   | 6.83    | 29.20   |
| AV   | 5.6864G   | 107.24         | Inf            | -Inf        | 9.43        | 3        | Vertical  | 333         | 1.49       | -       | 97.81      | 31.75   | 6.94    | 29.26   |
| PK   | 5.4608G   | 59.78          | 68.20          | -8.42       | 9.27        | 3        | Vertical  | 333         | 1.49       | -       | 50.51      | 31.64   | 6.83    | 29.20   |
| PK   | 5.684G    | 115.08         | Inf            | -Inf        | 9.42        | 3        | Vertical  | 333         | 1.49       | -       | 105.66     | 31.74   | 6.94    | 29.26   |
| PK   | 5.8544G   | 65.32          | 68.20          | -2.88       | 9.82        | 3        | Vertical  | 333         | 1.49       | -       | 55.50      | 32.11   | 7.03    | 29.32   |

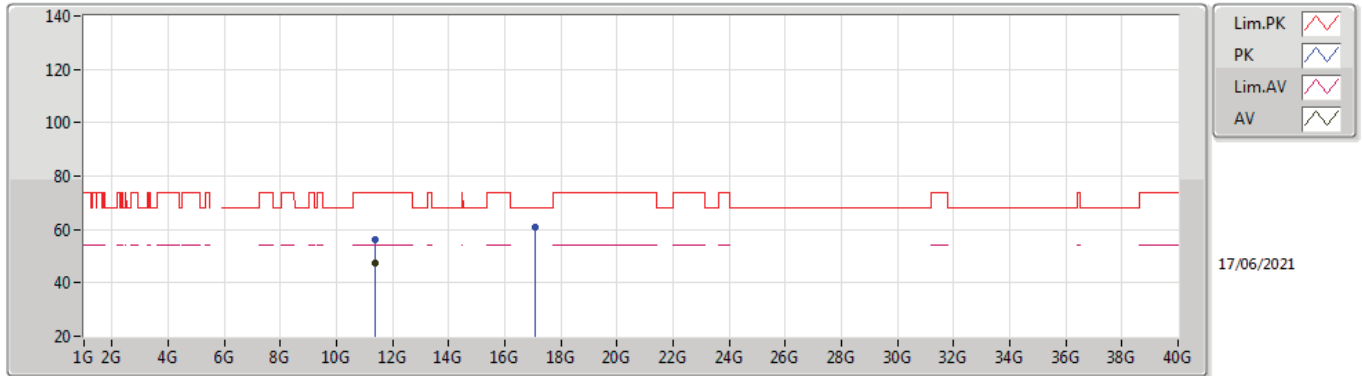


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**  
**5690MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.40128G | 49.10          | 54.00          | -4.90       | 19.04       | 3        | Vertical  | 134         | 2.58       | -       | 30.06      | 40.00   | 9.43    | 30.39   |
| PK   | 11.3936G  | 58.09          | 74.00          | -15.91      | 19.03       | 3        | Vertical  | 134         | 2.58       | -       | 39.06      | 39.99   | 9.43    | 30.39   |
| PK   | 17.04072G | 60.72          | 68.20          | -7.48       | 21.33       | 3        | Vertical  | 342         | 1.55       | -       | 39.39      | 40.06   | 12.07   | 30.80   |

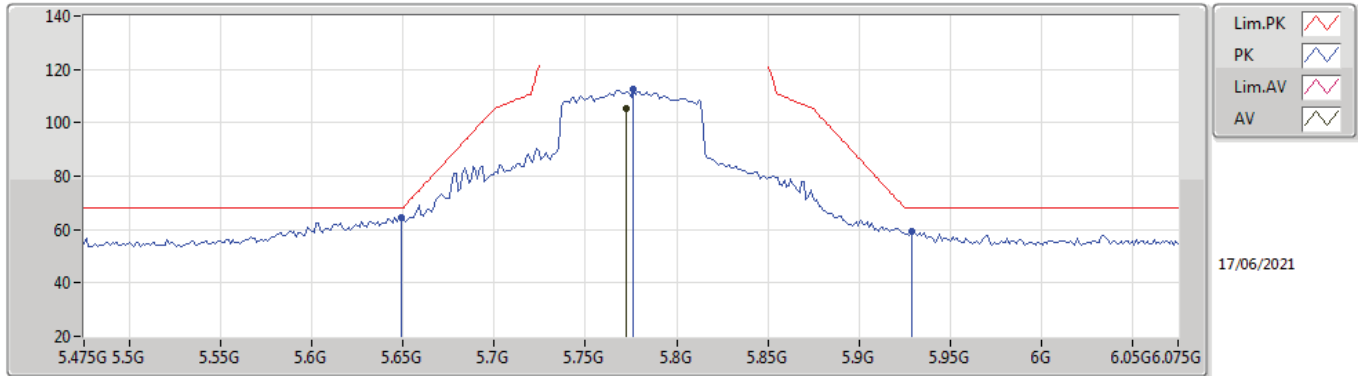
**802.11ac VHT80\_Nss1,(MCS0)\_2TX**  
**5690MHz Straddle 5.47-5.725GHz\_TX**



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.39728G | 47.31          | 54.00          | -6.69       | 19.03       | 3        | Horizontal | 159         | 1.33       | -       | 28.28      | 39.99   | 9.43    | 30.39   |
| PK   | 11.40128G | 56.37          | 74.00          | -17.63      | 19.04       | 3        | Horizontal | 159         | 1.33       | -       | 37.33      | 40.00   | 9.43    | 30.39   |
| PK   | 17.08696G | 60.94          | 68.20          | -7.26       | 21.33       | 3        | Horizontal | 1           | 1.70       | -       | 39.61      | 40.01   | 12.10   | 30.78   |

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

#### 5775MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 5.7726G      | 105.12            | Inf               | -Inf           | 9.60           | 3           | Vertical  | 221            | 1.90          | -       | 95.52         | 31.90      | 6.99       | 29.29      |
| PK   | 5.649G       | 64.53             | 68.20             | -3.67          | 9.27           | 3           | Vertical  | 221            | 1.90          | -       | 55.26         | 31.60      | 6.92       | 29.25      |
| PK   | 5.7762G      | 112.57            | Inf               | -Inf           | 9.60           | 3           | Vertical  | 221            | 1.90          | -       | 102.97        | 31.90      | 6.99       | 29.29      |
| PK   | 5.9286G      | 59.20             | 68.20             | -9.00          | 10.02          | 3           | Vertical  | 221            | 1.90          | -       | 49.18         | 32.31      | 7.06       | 29.35      |



### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5775MHz\_TX

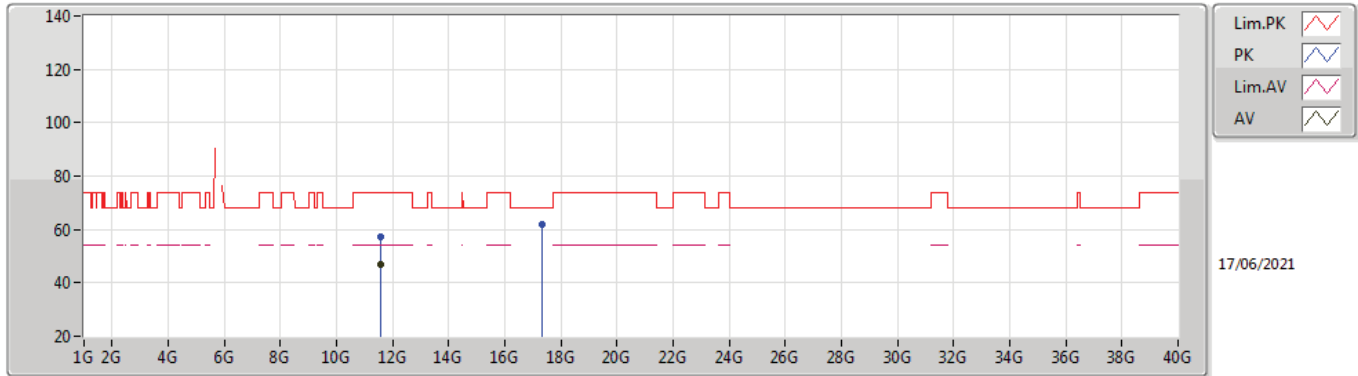


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.5796G     | 47.07             | 54.00             | -6.93          | 18.98          | 3           | Vertical  | 360            | 2.10          | -       | 28.09         | 39.82      | 9.51       | 30.35      |
| PK   | 11.53448G    | 56.79             | 74.00             | -17.21         | 18.99          | 3           | Vertical  | 360            | 2.10          | -       | 37.80         | 39.87      | 9.49       | 30.37      |
| PK   | 17.3114G     | 61.65             | 68.20             | -6.55          | 21.49          | 3           | Vertical  | 278            | 2.63          | -       | 40.16         | 39.99      | 12.22      | 30.72      |



802.11ac VHT80\_Nss1,(MCS0)\_2TX

5775MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.56424G | 47.13          | 54.00          | -6.87       | 18.98       | 3        | Horizontal | 173         | 2.04       | -       | 28.15      | 39.84   | 9.50    | 30.36   |
| PK   | 11.58248G | 57.45          | 74.00          | -16.55      | 18.98       | 3        | Horizontal | 173         | 2.04       | -       | 38.47      | 39.82   | 9.51    | 30.35   |
| PK   | 17.34676G | 62.15          | 68.20          | -6.05       | 21.80       | 3        | Horizontal | 225         | 2.34       | -       | 40.35      | 40.27   | 12.24   | 30.71   |