

# FCC Radio Test Report

**FCC ID** : PPQ-WCBN3512R  
**Equipment** : WCBN3512R  
**Brand Name** : LITEON  
**Model Name** : WCBN3512R  
**Applicant** : LITE-ON Technology Corp.  
Bldg. C, 90, Chien 1 Road, Chung Ho,  
New Taipei City 23585, Taiwan, R.O.C  
**Manufacturer** : LITE-ON TECHNOLOGY (Changzhou) CO., LTD  
A9 Building, No.88 Yanghu Road, Wujin Hi-Tech  
Industrial Development Zone, Changzhou City,  
Jiangsu Province 213100 China  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Apr. 25, 2022, and testing was started from Apr. 25, 2022 and completed on Jul. 22, 2022. 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 variant 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: Jackson Tsai

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

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



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[illegible]



## 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               | -      |
| 3.1           | 15.407(a)        | Emission Bandwidth                | PASS               | -      |
| 3.3           | 15.407(a)        | Maximum Conducted Output Power    | PASS               | -      |
| 3.4           | 15.407(a)        | Peak Power Spectral Density       | PASS               | -      |
| 3.5           | 15.407(b)        | Unwanted Emissions                | PASS               | -      |

**Declaration of Conformity:**

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

**Comments and explanations:**

None

**Reviewed by: Sam Tsai**

**Report Producer: Ann Hou**

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11        | Ch. Frequency (MHz) | Channel Number |
|-----------------------|-------------------------|---------------------|----------------|
| 5250-5350             | a, n (HT20), ac (VHT20) | 5260-5320           | 52-64 [4]      |
| 5470-5725             |                         | 5500-5700           | 100-140 [8]    |
| Straddle 5720         |                         | 5720                | 144 [1]        |
| 5250-5350             | n (HT40), ac (VHT40)    | 5270-5310           | 54-62 [2]      |
| 5470-5725             |                         | 5510-5670           | 102-134 [3]    |
| Straddle 5710         |                         | 5710                | 142 [1]        |
| 5250-5350             | ac (VHT80)              | 5290                | 58 [1]         |
| 5470-5725             |                         | 5530                | 106 [1]        |
| Straddle 5690         |                         | 5690                | 138 [1]        |

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.25-5.35GHz  | 802.11a        | 20         | 2TX  |
| 5.47-5.725GHz | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT20 | 20         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ac VHT20 | 20         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT40 | 40         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ac VHT40 | 40         | 2TX  |
| 5.25-5.35GHz  | 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    | SHENZHEN SOUTH STAR | N12-8145-ROA | PCB          | I-PEX     |
| 2    | SHENZHEN SOUTH STAR | N12-8145-ROA | PCB          | I-PEX     |

| Ant. | Port | Gain (dBi) |      |      |
|------|------|------------|------|------|
|      |      | 2.4G       | 5G   | BT   |
| 1    | 1    | 4.07       | 4.56 | -    |
| 2    | 2    | 3.42       | 4.97 | 3.42 |

Note 1: The EUT has two antennas.

#### For 2.4 GHz function:

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

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

#### For 5 GHz function:

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

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

#### For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant. 2 (port 2) can be used as transmitting/receiving antenna.

### 1.1.3 EUT Information

| Operational Condition               |                                                                               |                                     |                      |
|-------------------------------------|-------------------------------------------------------------------------------|-------------------------------------|----------------------|
| <b>EUT Power Type</b>               | From Host system                                                              |                                     |                      |
| <b>EUT Function</b>                 | <input type="checkbox"/> Outdoor AP                                           | <input checked="" type="checkbox"/> | Indoor AP            |
|                                     | <input type="checkbox"/> Fixed P2P AP                                         | <input checked="" type="checkbox"/> | Client               |
| <b>Beamforming Function</b>         | <input type="checkbox"/> With beamforming                                     | <input checked="" type="checkbox"/> | Without beamforming  |
| <b>TPC Function</b>                 | <input type="checkbox"/> With TPC Function                                    | <input checked="" type="checkbox"/> | Without TPC Function |
| <b>Weather Band</b>                 | <input type="checkbox"/> With 5600~5650MHz                                    | <input checked="" type="checkbox"/> | Without 5600~5650MHz |
| Type of EUT                         |                                                                               |                                     |                      |
| <input type="checkbox"/>            | Stand-alone                                                                   |                                     |                      |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                                     |                      |
|                                     | Combined Equipment - Brand Name / Model No.: ...                              |                                     |                      |
| <input checked="" type="checkbox"/> | Plug-in radio (EUT intended for a variety of host systems)                    |                                     |                      |
|                                     | Host System - Brand Name / Model No.:                                         | SONY / YY2079C                      |                      |
| <input type="checkbox"/>            | Other:                                                                        |                                     |                      |

**1.1.4 Mode Test Duty Cycle**

| Mode                           | DC    | DCF(dB) | T(s)     | VBW(Hz) $\geq 1/T$ |
|--------------------------------|-------|---------|----------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.774 | 1.11    | 1.393m   | 1k                 |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 0.625 | 2.04    | 680.313u | 3k                 |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 0.468 | 3.3     | 352.5u   | 3k                 |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 0.339 | 4.7     | 188.438u | 10k                |

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

**1.1.5 Table for Permissive Change**

This product is an extension of original one reported under Sporton project number: FR232501AN

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

| Modifications                    | Performance Checking                                                                         |
|----------------------------------|----------------------------------------------------------------------------------------------|
| U-NII-2A and UNII-2C were added. | All                                                                                          |
| Host System was added.           | AC power-line conducted emissions and Radiated Spurious Emission for below 1G were evaluated |

## 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        | 24.2~25.3°C / 58~63% | 22/Jul/2022             |
| RF Conducted                                                    | TH07-HY                                                                                 | Yuna          | 22.9~24.8°C / 50~56% | 06/May/2022~23/Jun/2022 |
| <input checked="" type="checkbox"/> Wen 33rd.St.<br>(TAF: 3785) | ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) |               |                      |                         |
|                                                                 | TEL: 886-3-318-0787                                                                     |               | FAX: 886-3-318-0287  |                         |
| Test site Designation No. TW0008 with FCC.                      |                                                                                         |               |                      |                         |
| Test Condition                                                  | Test Site No.                                                                           | Test Engineer | Test Environment     | Test Date               |
| Radiated below 1G                                               | 03CH09-HY                                                                               | Terry         | 23.4~23.8°C / 52~54% | 22/Jul/2022             |
| Radiated above 1G                                               | 03CH09-HY                                                                               | Daniel        | 22.5~24.3°C / 60~68% | 25/Apr/2022~01/May/2022 |

## 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                   |
|--------------------------------------|-------------|--------------------------|
| AC Power-line Conducted Emissions    | 4.53 dB     | Confidence levels of 95% |
| Emission Bandwidth                   | 3 MHz       | Confidence levels of 95% |
| Maximum Conducted Output Power       | 2 dB        | Confidence levels of 95% |
| Power Spectral Density               | 2 dB        | Confidence levels of 95% |
| Unwanted Emissions                   | 4.8 dB      | Confidence levels of 95% |
| Receiver Radiated Unwanted Emissions | 4.8 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          | accessMTool V3_2_1_3 |
|--------------------------------|----------------------|
| Mode                           | Power Setting        |
| 802.11a_Nss1,(6Mbps)_2TX       | -                    |
| 5260MHz                        | 14/14                |
| 5280MHz                        | 14.5/14.5            |
| 5300MHz                        | 14.5/14.5            |
| 5320MHz                        | 14.5/14.5            |
| 5500MHz                        | 11/11                |
| 5520MHz                        | 13/13                |
| 5540MHz                        | 13/13                |
| 5560MHz                        | 13/13                |
| 5580MHz                        | 12.5/12.5            |
| 5660MHz                        | 12.5/12.5            |
| 5680MHz                        | 12.5/12.5            |
| 5700MHz                        | 10/10                |
| 5720MHz Straddle 5.47-5.725GHz | 13.5/13.5            |
| 5720MHz Straddle 5.725-5.85GHz | 13.5/13.5            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -                    |
| 5260MHz                        | 16.5/16.5            |
| 5280MHz                        | 16.5/16.5            |
| 5300MHz                        | 17/17                |
| 5320MHz                        | 13/13                |
| 5500MHz                        | 13.5/13.5            |
| 5520MHz                        | 15.5/15.5            |
| 5540MHz                        | 15/15                |
| 5560MHz                        | 15.5/15.5            |
| 5580MHz                        | 15/15                |
| 5660MHz                        | 15/15                |
| 5680MHz                        | 15/15                |
| 5700MHz                        | 12.5/12.5            |
| 5720MHz Straddle 5.47-5.725GHz | 17/17                |
| 5720MHz Straddle 5.725-5.85GHz | 17/17                |



| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -             |
| 5270MHz                        | 16.5/16.5     |
| 5310MHz                        | 13.5/13.5     |
| 5510MHz                        | 11.5/11.5     |
| 5550MHz                        | 15.5/15.5     |
| 5670MHz                        | 13.5/13.5     |
| 5710MHz Straddle 5.47-5.725GHz | 17/17         |
| 5710MHz Straddle 5.725-5.85GHz | 17/17         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -             |
| 5290MHz                        | 12/12         |
| 5530MHz                        | 9/9           |
| 5690MHz Straddle 5.47-5.725GHz | 16.5/16.5     |
| 5690MHz Straddle 5.725-5.85GHz | 16.5/16.5     |

## 2.2 The Worst Case Measurement Configuration

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

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

| The Worst Case Mode for Following Conformance Tests |                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Unwanted Emissions                                                                                                                                                                                                                                  |
| <b>Test Condition</b>                               | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| <b>Operating Mode &lt; 1GHz</b>                     | CTX                                                                                                                                                                                                                                                 |
| 1                                                   | Adapter mode                                                                                                                                                                                                                                        |
| <b>Operating Mode &gt; 1GHz</b>                     | CTX                                                                                                                                                                                                                                                 |
| <b>Orthogonal Planes of EUT</b>                     | <b>Z Plane</b>                                                                                                                                                                                                                                      |
|                                                     |                                                                                                                                                                 |

| The Worst Case Mode for Following Conformance Tests                                   |                                    |
|---------------------------------------------------------------------------------------|------------------------------------|
| <b>Tests Item</b>                                                                     | Simultaneous Transmission Analysis |
| <b>Operating Mode</b>                                                                 | CTX                                |
| 1                                                                                     | 2.4GHz WLAN+Bluetooth              |
| 2                                                                                     | 5GHz WLAN+Bluetooth                |
| Refer to Sporton Test Report No.: FA232501-01 for Co-location RF Exposure Evaluation. |                                    |



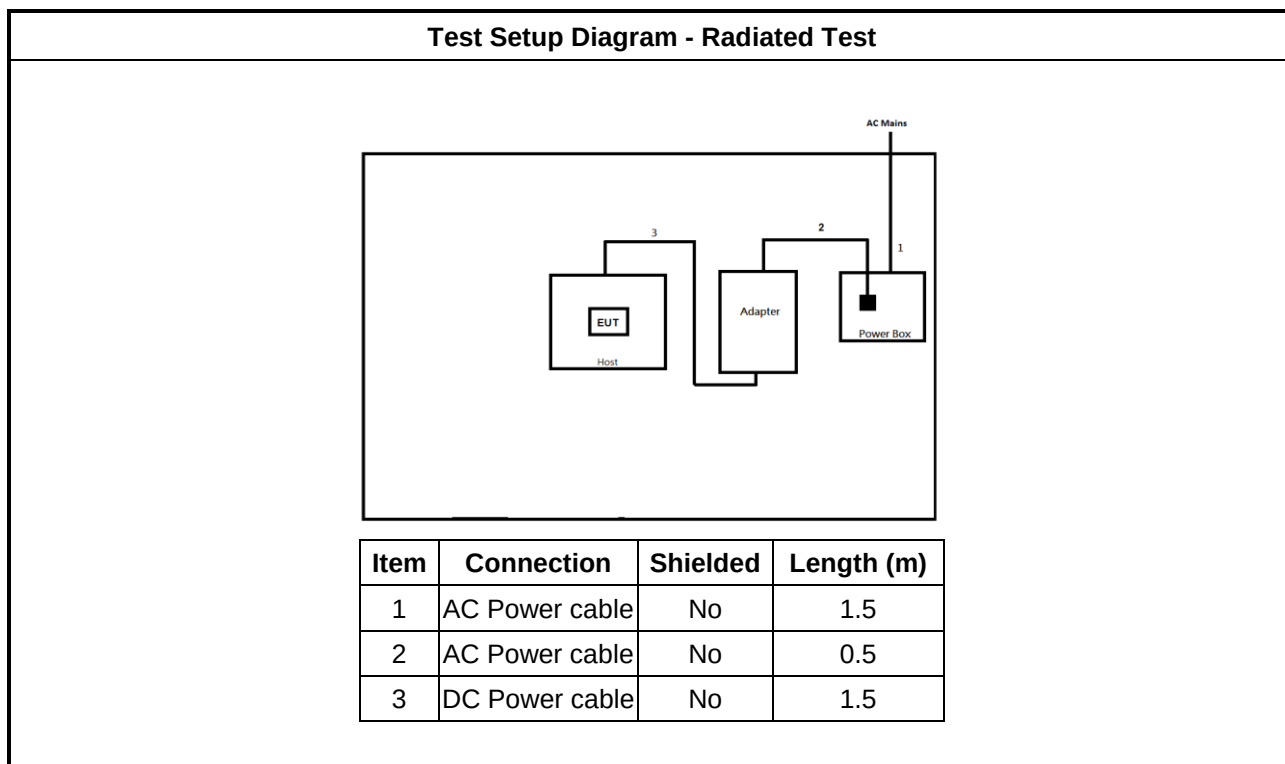
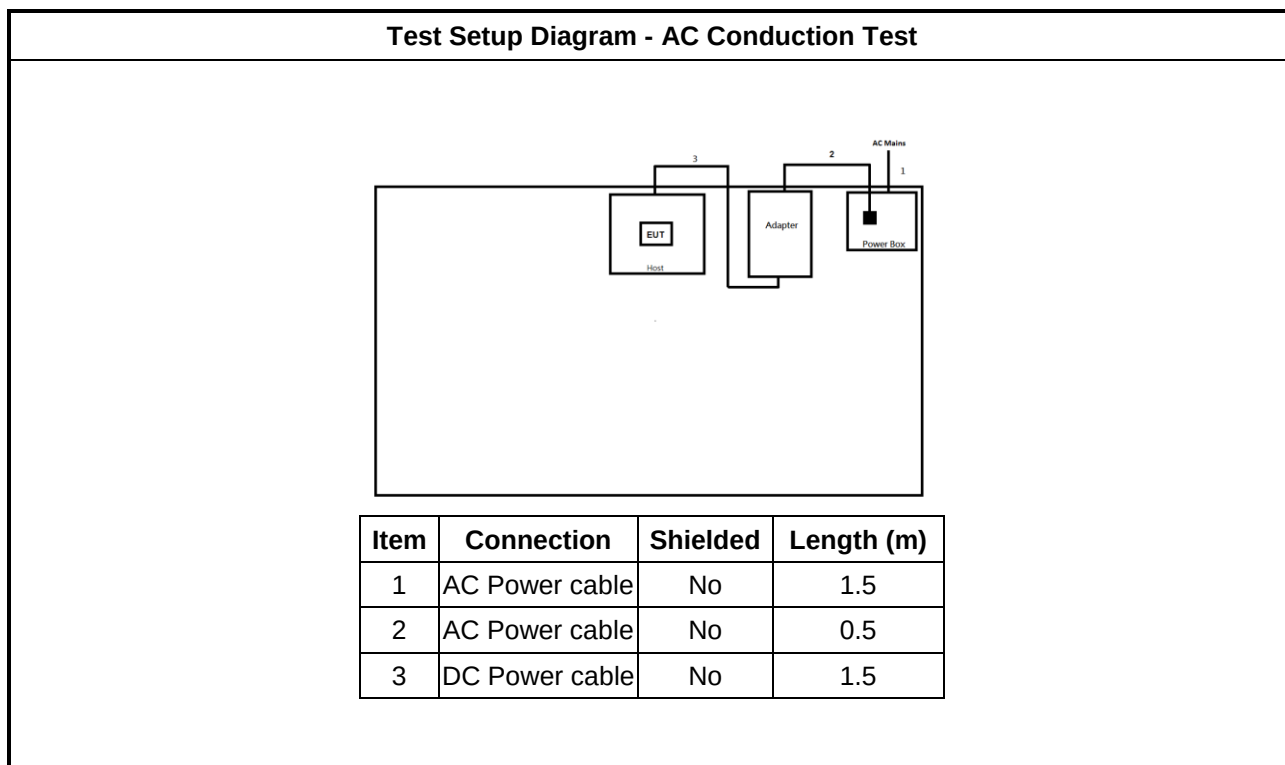
## 2.3 Support Equipment

| Support Equipment – AC Conduction |            |            |            |        |        |
|-----------------------------------|------------|------------|------------|--------|--------|
| No.                               | Equipment  | Brand Name | Model Name | FCC ID | Remark |
| 1                                 | AC Adapter | SONY       | AC-509C    | -      | -      |

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

| Support Equipment – Radiated |            |            |            |        |        |
|------------------------------|------------|------------|------------|--------|--------|
| No.                          | Equipment  | Brand Name | Model Name | FCC ID | Remark |
| 1                            | AC Adapter | SONY       | AC-509C    | -      | -      |

## 2.4 Test Setup Diagram





### 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

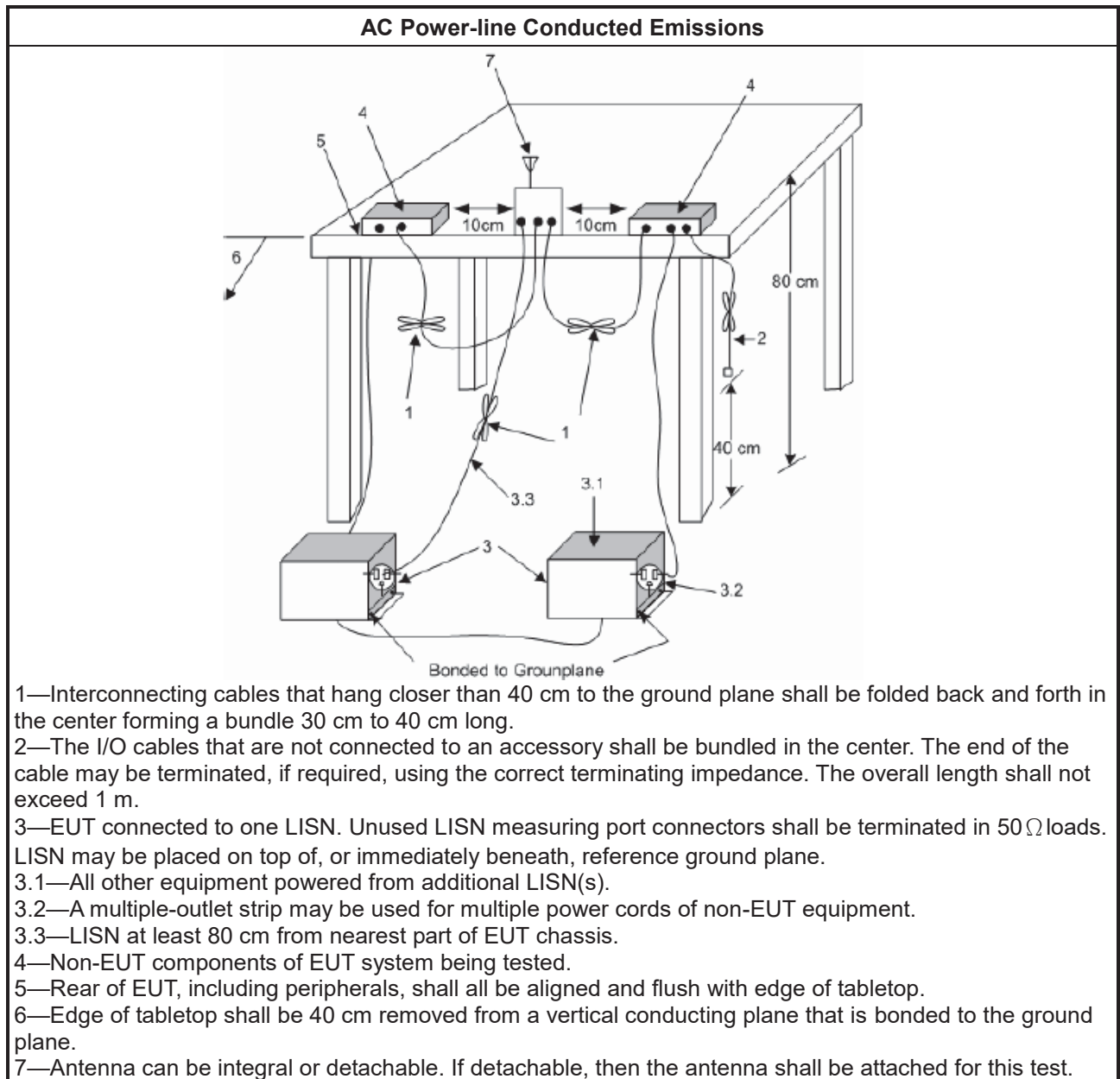
| Test Method                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 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 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. |

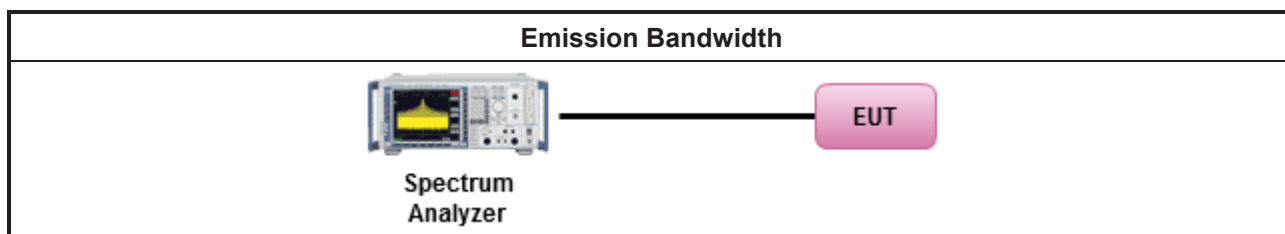
### 3.2.2 Measuring Instruments

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 type="checkbox"/>                                                                                                   | For the 5.15-5.25 GHz band:                                                                                                                                                                                                                                                                                                    |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> </ul> |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <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> </ul>                                                                                    |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <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> </ul>                                                                         |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <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:                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> </ul>                                                           |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>                                                                                                                                                  |
| $P_{Out}$ = maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                |

#### 3.3.2 Measuring Instruments

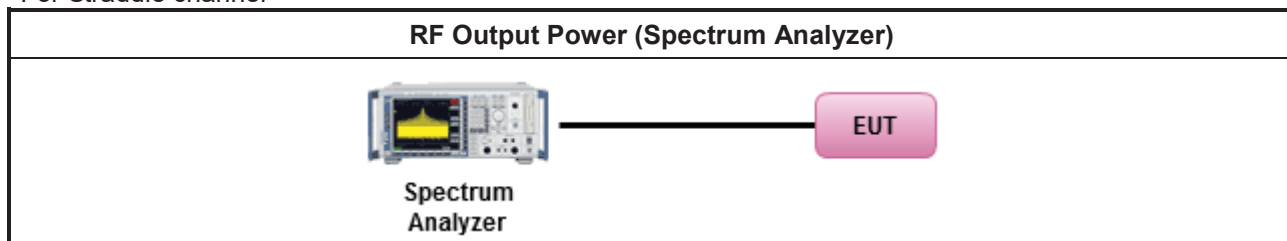
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

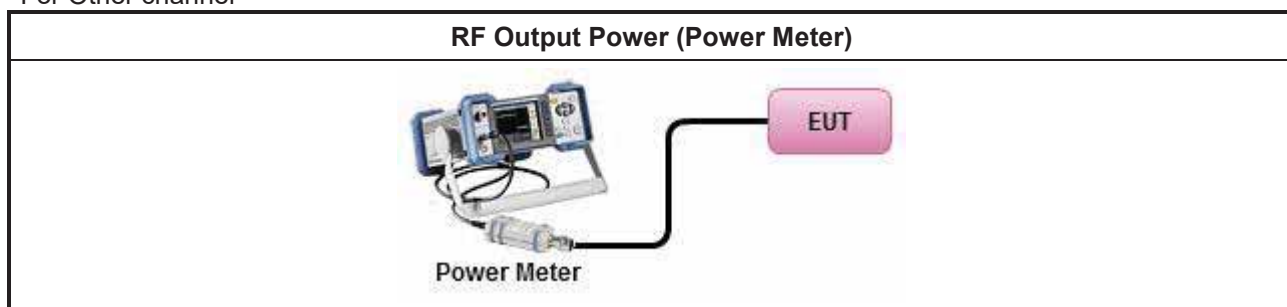
| Test Method                                                                      |                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                  | Duty cycle $\geq 98\%$                                                                                                                                                                                                                                                                                                                                             |
|                                                                                  | <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                     |
|                                                                                  | Duty cycle $< 98\%$                                                                                                                                                                                                                                                                                                                                                |
|                                                                                  | <input 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

For Straddle channel



For Other channel



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

| Peak Power Spectral Density Limit                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>PPSD</b> = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz<br><b><math>G_{TX}</math></b> = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

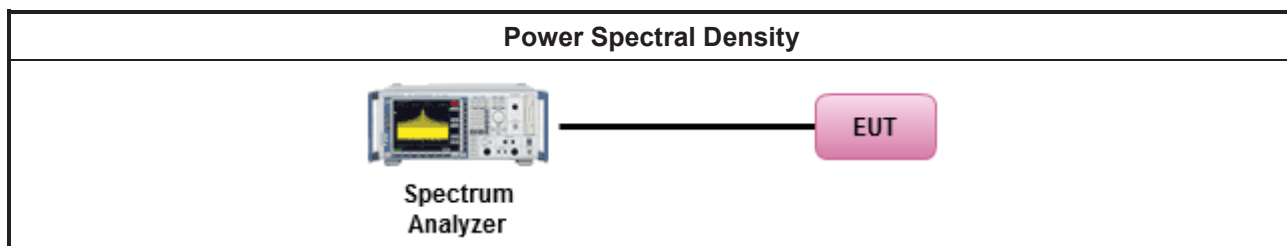
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <ul style="list-style-type: none"> <li>Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input type="checkbox"/> Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth<br>Duty cycle ≥ 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).<br>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> <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> </li> </ul> |  |
| <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br/> <math display="block">PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math> (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math display="block">EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                          |  |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

### 3.5.2 Measuring Instruments

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

### 3.5.3 Test Procedures

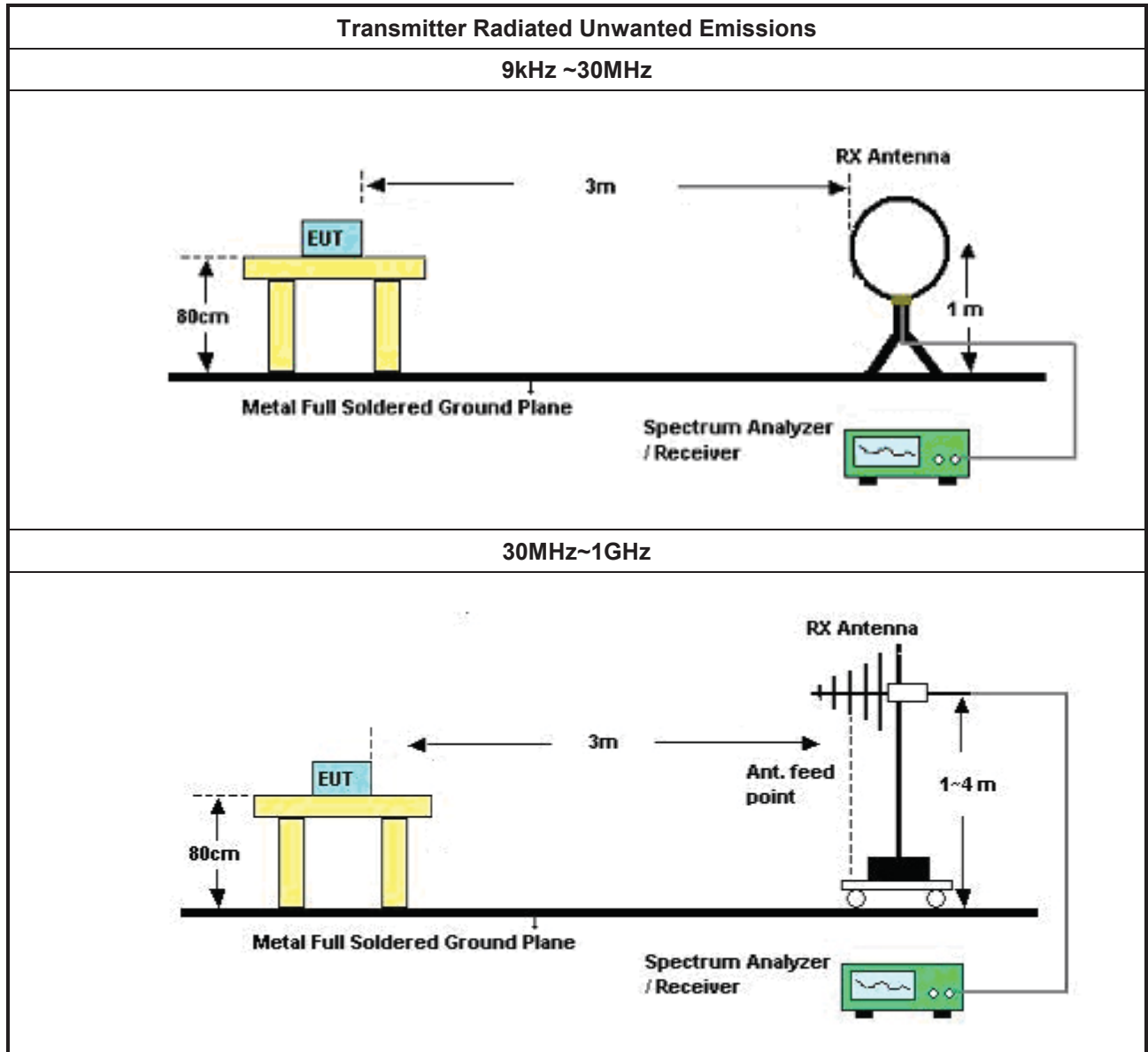
| Test Method                                                                                                                                                                                                                                                                                               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

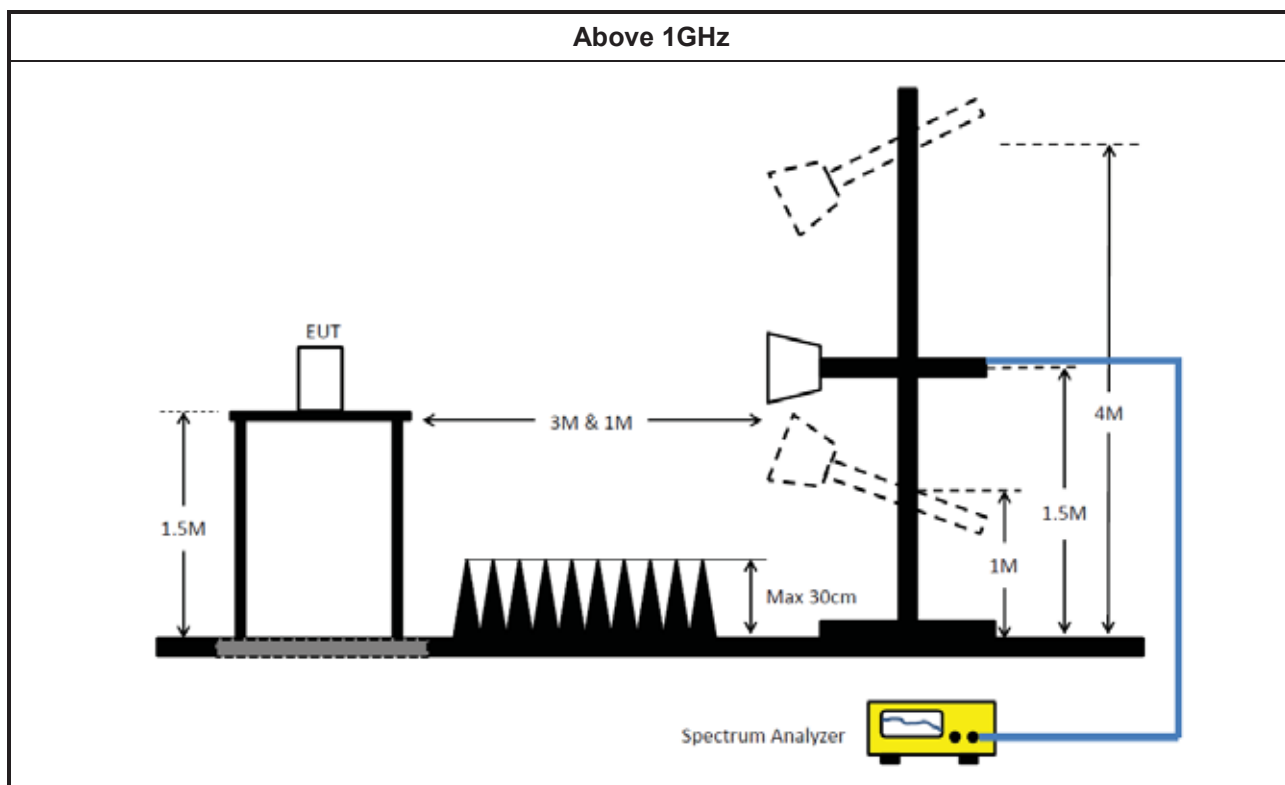
### 3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.5.5 Test Setup





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

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

| Instrument                        | Manufacturer /Brand | Model No.   | Serial No.    | Spec.         | Calibration Date | Calibration Due Date |
|-----------------------------------|---------------------|-------------|---------------|---------------|------------------|----------------------|
| EMI Test Receiver                 | R&S                 | ESR3        | 102051        | 9kHz ~ 3.6GHz | 13/May/2022      | 12/May/2023          |
| Two-Line V-Network                | R&S                 | ENV 216     | 100003        | 9kHz ~ 30MHz  | 18/Feb/2022      | 17/Feb/2023          |
| RF Cable 5m                       | TITAN               | TITAN       | CO04-cable-01 | 9 kHz~200MHz  | 01/Mar/2022      | 28/Feb/2023          |
| Impuls Begrenzer<br>Pulse Limiter | SCHWARZBECK         | VTSD 9561-F | 9561-F041     | 9kHz ~ 30MHz  | 26/Oct/2021      | 25/Oct/2022          |
| Software                          | Sporton             | SENSE-EMI   | V5.10.8.2     | -             | NCR              | NCR                  |

NCR: No Calibration Required

### Instrument for Conducted Test

| Instrument                  | Manufacturer /Brand | Model No.  | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|-----------------------------|---------------------|------------|------------|--------------|------------------|----------------------|
| Signal Analyzer             | R&S                 | FSV 40     | 101515     | 10Hz~40GHz   | 14/Feb/2022      | 13/Feb/2023          |
| SMB100A Signal<br>Generator | R&S                 | SMB100A    | 181147     | 100kHz~40GHz | 21/Oct/2021      | 20/Oct/2022          |
| Pulse Sensor                | Anritsu             | MA2411B    | 1339407    | 300MHz~40GHz | 17/Dec/2021      | 16/Dec/2022          |
| Power Meter                 | Anritsu             | ML2495A    | 1517010    | 300MHz~40GHz | 20/Dec/2021      | 19/Dec/2022          |
| SENSE-15407_NII             | Sporton             | V5.10.7.20 | N/A        | N/A          | N/A              | N/A                  |

**Instrument for Radiated Test**

| Instrument                       | Manufacturer /Brand | Model No.               | Serial No.          | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|-------------------------|---------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M                  | 03CH09-HY           | 30MHz~1GHz<br>3m | 25/Mar/2022      | 24/Mar/2023          |
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M                  | 03CH09-HY           | 1GHz~18GHz<br>3m | 17/Mar/2022      | 16/Mar/2023          |
| EXA Signal Analyzer              | KEYSIGHT            | N9010A                  | MY54200885          | 10Hz~44GHz       | 13/Aug/2021      | 12/Aug/2022          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D             | BBHA 9120 D<br>1531 | 1GHz~18GHz       | 27/Dec/2021      | 26/Dec/2022          |
| Amplifier                        | EMC                 | EMC9135                 | 980232              | 9kHz~1GHz        | 08/Apr/2022      | 07/Apr/2023          |
| Microwave Preamplifier           | Agilent             | 8449B                   | 3008A02096          | 1GHz~26.5GHz     | 23/Jul/2021      | 22/Jul/2022          |
| Bilog Antenna & 5dB Attenuator   | TESEQ & MTJ         | CBL6111D&MT<br>J6102-05 | 35418 & 3           | 30MHz~1GHz       | 04/Sep/2021      | 03/Sep/2022          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D             | BBHA 9120 D<br>1531 | 1GHz~18GHz       | 27/Dec/2021      | 26/Dec/2022          |
| RF Cable-low                     | Jye Bao             | RG142                   | CB031+324530/4      | 9kHz~30MHz       | 30/Aug/2021      | 29/Aug/2022          |
| RF Cable-low                     | Jye Bao             | RG142                   | CB031+324530/4      | 30MHz~1GHz       | 07/Feb/2022      | 06/Feb/2023          |
| RF CABLE<br>5m+3m+1m             | HUBER+SUHNER        | SUCOFLEX104             | CB009               | 1GHz~40GHz       | 13/Aug/2021      | 12/Aug/2022          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170               | BBHA 9170221        | 18GHz~40GHz      | 18/Mar/2022      | 17/Mar/2023          |
| Microwave Premplifier            | EMC<br>INSTRUMENTS  | EM18G40G                | 060604              | 18GHz ~ 40GHz    | 08/Mar/2022      | 07/Mar/2023          |
| Loop Antenna                     | TESEQ               | HLA 6120                | 31244               | 9kHz~30MHz       | 18/Mar/2022      | 17/Mar/2023          |
| EMI Test Receiver                | R&S                 | ESR3                    | 102051              | 9kHz~3.6GHz      | 13/May/2022      | 12/May/2023          |
| SENSE-15407_NII                  | Sporton             | V5.10.7.18              | N/A                 | N/A              | N/A              | N/A                  |



## Conducted Emissions at Powerline

## Appendix A

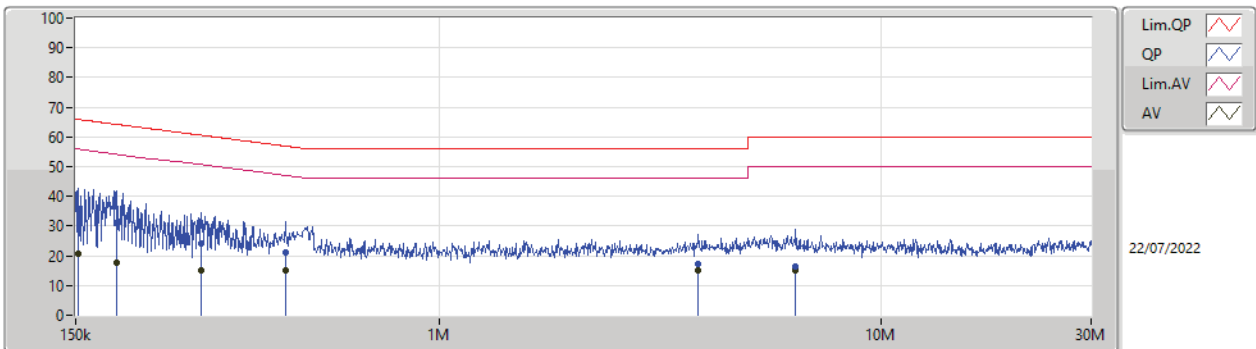
### Summary

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 492.876k     | 18.17           | 46.11           | -27.94         | Neutral   |

**Mode Configure**

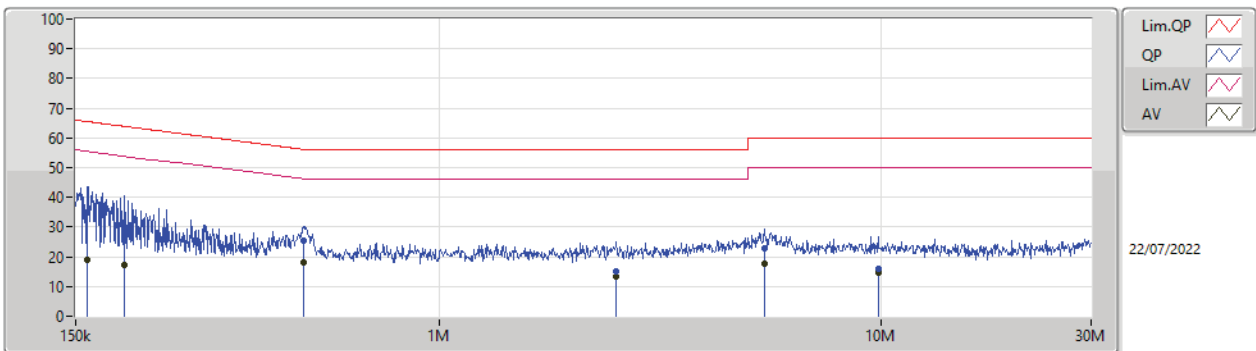
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition | Comments |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|----------|
| Mode 1 | Pass   | QP   | 152.414k     | 35.66           | 65.87           | -30.21         | Line      | -        |
| Mode 1 | Pass   | AV   | 152.414k     | 20.83           | 55.87           | -35.04         | Line      | -        |
| Mode 1 | Pass   | QP   | 185.344k     | 31.14           | 64.24           | -33.10         | Line      | -        |
| Mode 1 | Pass   | AV   | 185.344k     | 17.57           | 54.24           | -36.67         | Line      | -        |
| Mode 1 | Pass   | QP   | 288.682k     | 24.35           | 60.57           | -36.22         | Line      | -        |
| Mode 1 | Pass   | AV   | 288.682k     | 15.16           | 50.57           | -35.41         | Line      | -        |
| Mode 1 | Pass   | QP   | 447.846k     | 21.10           | 56.92           | -35.82         | Line      | -        |
| Mode 1 | Pass   | AV   | 447.846k     | 15.19           | 46.92           | -31.73         | Line      | -        |
| Mode 1 | Pass   | QP   | 3.867M       | 17.12           | 56.00           | -38.88         | Line      | -        |
| Mode 1 | Pass   | AV   | 3.867M       | 14.94           | 46.00           | -31.06         | Line      | -        |
| Mode 1 | Pass   | QP   | 6.42M        | 16.42           | 60.00           | -43.58         | Line      | -        |
| Mode 1 | Pass   | AV   | 6.42M        | 14.98           | 50.00           | -35.02         | Line      | -        |
| Mode 1 | Pass   | QP   | 159.256k     | 34.94           | 65.50           | -30.56         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 159.256k     | 18.81           | 55.50           | -36.69         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 192.892k     | 30.02           | 63.92           | -33.90         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 192.892k     | 17.39           | 53.92           | -36.53         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 492.876k     | 25.62           | 56.11           | -30.49         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 492.876k     | 18.17           | 46.11           | -27.94         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 2.522M       | 14.90           | 56.00           | -41.10         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 2.522M       | 13.49           | 46.00           | -32.51         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 5.45M        | 23.00           | 60.00           | -37.00         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 5.45M        | 17.77           | 50.00           | -32.23         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 9.88M        | 16.16           | 60.00           | -43.84         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 9.88M        | 14.72           | 50.00           | -35.28         | Neutral   | -        |

## Conducted Emissions at Powerline\_Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 152.414k     | 35.66           | 65.87           | -30.21         | 19.63          | Line      | -       | 16.03         | 9.69         | 0.03       | 9.91       |  |  |  |
| AV   | 152.414k     | 20.83           | 55.87           | -35.04         | 19.63          | Line      | -       | 1.20          | 9.69         | 0.03       | 9.91       |  |  |  |
| QP   | 185.344k     | 31.14           | 64.24           | -33.10         | 19.63          | Line      | -       | 11.51         | 9.69         | 0.03       | 9.91       |  |  |  |
| AV   | 185.344k     | 17.57           | 54.24           | -36.67         | 19.63          | Line      | -       | -2.06         | 9.69         | 0.03       | 9.91       |  |  |  |
| QP   | 288.682k     | 24.35           | 60.57           | -36.22         | 19.63          | Line      | -       | 4.72          | 9.68         | 0.04       | 9.91       |  |  |  |
| AV   | 288.682k     | 15.16           | 50.57           | -35.41         | 19.63          | Line      | -       | -4.47         | 9.68         | 0.04       | 9.91       |  |  |  |
| QP   | 447.846k     | 21.10           | 56.92           | -35.82         | 19.63          | Line      | -       | 1.47          | 9.68         | 0.04       | 9.91       |  |  |  |
| AV   | 447.846k     | 15.19           | 46.92           | -31.73         | 19.63          | Line      | -       | -4.44         | 9.68         | 0.04       | 9.91       |  |  |  |
| QP   | 3.867M       | 17.12           | 56.00           | -38.88         | 19.76          | Line      | -       | -2.64         | 9.71         | 0.13       | 9.92       |  |  |  |
| AV   | 3.867M       | 14.94           | 46.00           | -31.06         | 19.76          | Line      | -       | -4.82         | 9.71         | 0.13       | 9.92       |  |  |  |
| QP   | 6.42M        | 16.42           | 60.00           | -43.58         | 19.85          | Line      | -       | -3.43         | 9.76         | 0.16       | 9.93       |  |  |  |
| AV   | 6.42M        | 14.98           | 50.00           | -35.02         | 19.85          | Line      | -       | -4.87         | 9.76         | 0.16       | 9.93       |  |  |  |

## Conducted Emissions at Powerline\_Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 159.256k     | 34.94           | 65.50           | -30.56         | 19.67          | Neutral   | -       | 15.27         | 9.73         | 0.03       | 9.91       |  |  |  |
| AV   | 159.256k     | 18.81           | 55.50           | -36.69         | 19.67          | Neutral   | -       | -0.86         | 9.73         | 0.03       | 9.91       |  |  |  |
| QP   | 192.892k     | 30.02           | 63.92           | -33.90         | 19.66          | Neutral   | -       | 10.36         | 9.72         | 0.03       | 9.91       |  |  |  |
| AV   | 192.892k     | 17.39           | 53.92           | -36.53         | 19.66          | Neutral   | -       | -2.27         | 9.72         | 0.03       | 9.91       |  |  |  |
| QP   | 492.876k     | 25.62           | 56.11           | -30.49         | 19.67          | Neutral   | -       | 5.95          | 9.72         | 0.04       | 9.91       |  |  |  |
| AV   | 492.876k     | 18.17           | 46.11           | -27.94         | 19.67          | Neutral   | -       | -1.50         | 9.72         | 0.04       | 9.91       |  |  |  |
| QP   | 2.522M       | 14.90           | 56.00           | -41.10         | 19.77          | Neutral   | -       | -4.87         | 9.75         | 0.10       | 9.92       |  |  |  |
| AV   | 2.522M       | 13.49           | 46.00           | -32.51         | 19.77          | Neutral   | -       | -6.28         | 9.75         | 0.10       | 9.92       |  |  |  |
| QP   | 5.45M        | 23.00           | 60.00           | -37.00         | 19.87          | Neutral   | -       | 3.13          | 9.80         | 0.15       | 9.92       |  |  |  |
| AV   | 5.45M        | 17.77           | 50.00           | -32.23         | 19.87          | Neutral   | -       | -2.10         | 9.80         | 0.15       | 9.92       |  |  |  |
| QP   | 9.88M        | 16.16           | 60.00           | -43.84         | 20.00          | Neutral   | -       | -3.84         | 9.89         | 0.18       | 9.93       |  |  |  |
| AV   | 9.88M        | 14.72           | 50.00           | -35.28         | 20.00          | Neutral   | -       | -5.28         | 9.89         | 0.18       | 9.93       |  |  |  |

**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.25-5.35GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 27.15M           | 17.451M         | 17M5D1D  | 24.24M           | 17.001M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 28.74M           | 18.621M         | 18M7D1D  | 25.05M           | 18.051M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 46.68M           | 36.702M         | 36M8D1D  | 40.08M           | 36.162M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 80.04M           | 75.322M         | 75M4D1D  | 79.92M           | 75.322M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 31.65M           | 17.661M         | 17M7D1D  | 18.345M          | 13.793M         |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 30.96M           | 18.471M         | 18M5D1D  | 18.495M          | 14.243M         |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 47.215M          | 36.582M         | 36M6D1D  | 38.85M           | 33.303M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 94.125M          | 75.202M         | 75M3D1D  | 79.44M           | 72.489M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 3.12M            | 8.016M          | 8M02D1D  | 3.1M             | 7.656M          |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 3.74M            | 7.476M          | 7M48D1D  | 3.72M            | 7.096M          |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 3.12M            | 18.371M         | 18M4D1D  | 3.1M             | 17.151M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 3.1M             | 29.385M         | 29M4D1D  | 3.1M             | 28.106M         |

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

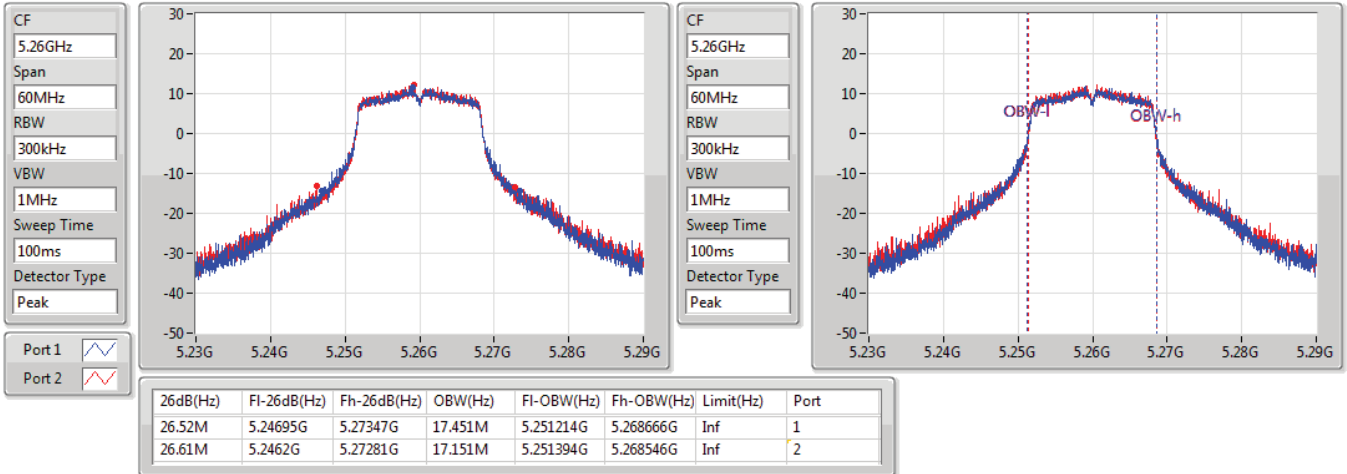
**Result**

| 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       | -      | -          | -                | -               | -                | -               |
| 5260MHz                        | Pass   | Inf        | 26.52M           | 17.451M         | 26.61M           | 17.151M         |
| 5280MHz                        | Pass   | Inf        | 27.15M           | 17.421M         | 27.12M           | 17.121M         |
| 5300MHz                        | Pass   | Inf        | 26.16M           | 17.391M         | 26.25M           | 17.121M         |
| 5320MHz                        | Pass   | Inf        | 26.01M           | 17.421M         | 24.24M           | 17.001M         |
| 5500MHz                        | Pass   | Inf        | 25.92M           | 17.361M         | 24.96M           | 17.031M         |
| 5520MHz                        | Pass   | Inf        | 31.65M           | 17.481M         | 29.22M           | 17.241M         |
| 5540MHz                        | Pass   | Inf        | 27.63M           | 17.601M         | 27.3M            | 17.271M         |
| 5560MHz                        | Pass   | Inf        | 29.01M           | 17.661M         | 28.8M            | 17.271M         |
| 5580MHz                        | Pass   | Inf        | 28.65M           | 17.571M         | 28.2M            | 17.241M         |
| 5660MHz                        | Pass   | Inf        | 28.23M           | 17.541M         | 29.19M           | 17.301M         |
| 5680MHz                        | Pass   | Inf        | 26.43M           | 17.361M         | 25.5M            | 17.001M         |
| 5700MHz                        | Pass   | Inf        | 26.1M            | 17.361M         | 24.84M           | 17.001M         |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 18.345M          | 13.943M         | 18.96M           | 13.793M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.1M             | 7.656M          | 3.12M            | 8.016M          |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5260MHz                        | Pass   | Inf        | 27.78M           | 18.621M         | 25.05M           | 18.081M         |
| 5280MHz                        | Pass   | Inf        | 27.99M           | 18.471M         | 26.91M           | 18.111M         |
| 5300MHz                        | Pass   | Inf        | 28.74M           | 18.381M         | 25.95M           | 18.111M         |
| 5320MHz                        | Pass   | Inf        | 26.31M           | 18.411M         | 25.71M           | 18.051M         |
| 5500MHz                        | Pass   | Inf        | 27.45M           | 18.411M         | 24.93M           | 18.051M         |
| 5520MHz                        | Pass   | Inf        | 27.9M            | 18.471M         | 30.96M           | 18.141M         |
| 5540MHz                        | Pass   | Inf        | 26.61M           | 18.351M         | 25.53M           | 18.051M         |
| 5560MHz                        | Pass   | Inf        | 26.79M           | 18.471M         | 28.05M           | 18.081M         |
| 5580MHz                        | Pass   | Inf        | 27.72M           | 18.441M         | 26.85M           | 18.081M         |
| 5660MHz                        | Pass   | Inf        | 27.39M           | 18.441M         | 27.33M           | 18.111M         |
| 5680MHz                        | Pass   | Inf        | 26.91M           | 18.471M         | 27.39M           | 18.111M         |
| 5700MHz                        | Pass   | Inf        | 27.93M           | 18.441M         | 24.87M           | 18.021M         |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 19.095M          | 14.378M         | 18.495M          | 14.243M         |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.72M            | 7.096M          | 3.74M            | 7.476M          |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5270MHz                        | Pass   | Inf        | 46.68M           | 36.702M         | 44.34M           | 36.402M         |
| 5310MHz                        | Pass   | Inf        | 40.74M           | 36.162M         | 40.08M           | 36.222M         |
| 5510MHz                        | Pass   | Inf        | 40.68M           | 36.222M         | 39.9M            | 36.162M         |
| 5550MHz                        | Pass   | Inf        | 46.8M            | 36.582M         | 43.68M           | 36.582M         |
| 5670MHz                        | Pass   | Inf        | 40.56M           | 36.402M         | 39.96M           | 36.402M         |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 47.215M          | 33.373M         | 38.85M           | 33.303M         |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.12M            | 18.371M         | 3.1M             | 17.151M         |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5290MHz                        | Pass   | Inf        | 80.04M           | 75.322M         | 79.92M           | 75.322M         |
| 5530MHz                        | Pass   | Inf        | 79.92M           | 75.202M         | 79.44M           | 75.202M         |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | Inf        | 94.125M          | 72.564M         | 89.325M          | 72.489M         |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 500k       | 3.1M             | 28.106M         | 3.1M             | 29.385M         |

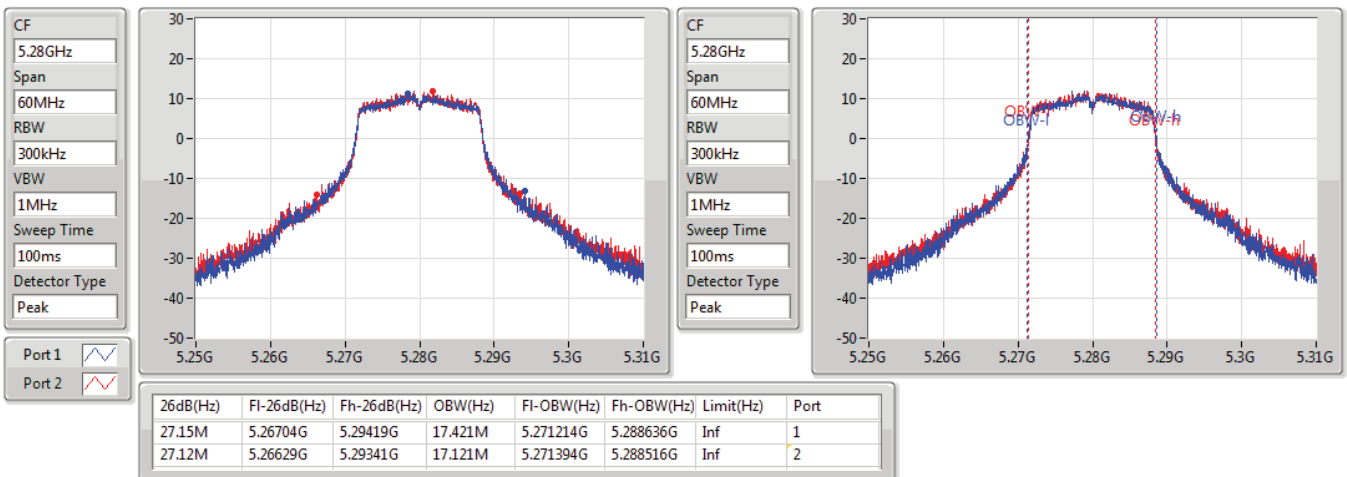
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

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

06/05/2022

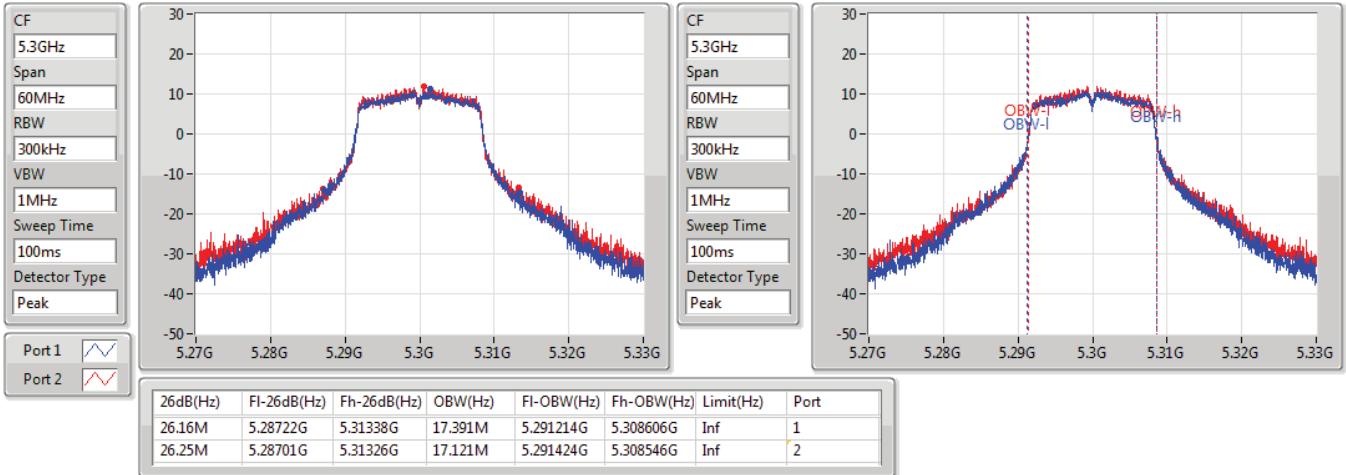

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5280MHz**

06/05/2022

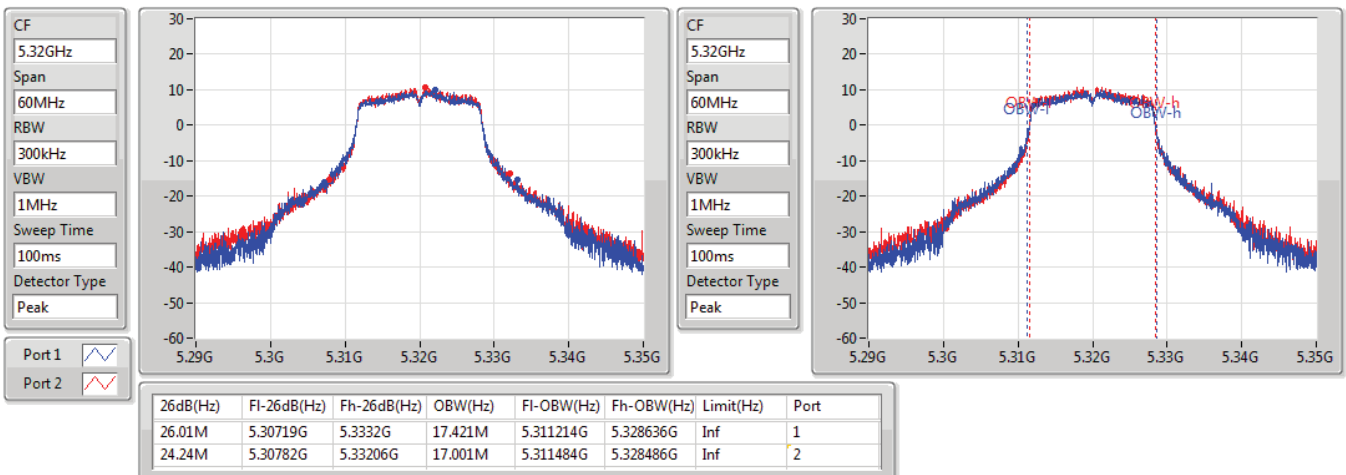


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5300MHz**

06/05/2022


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

06/05/2022

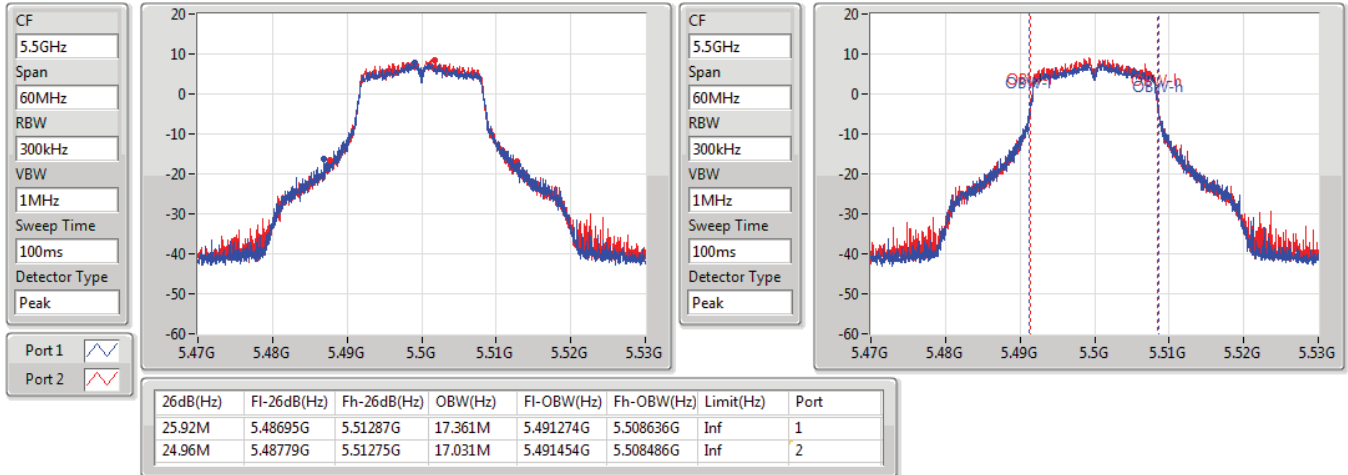


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

5500MHz

06/05/2022

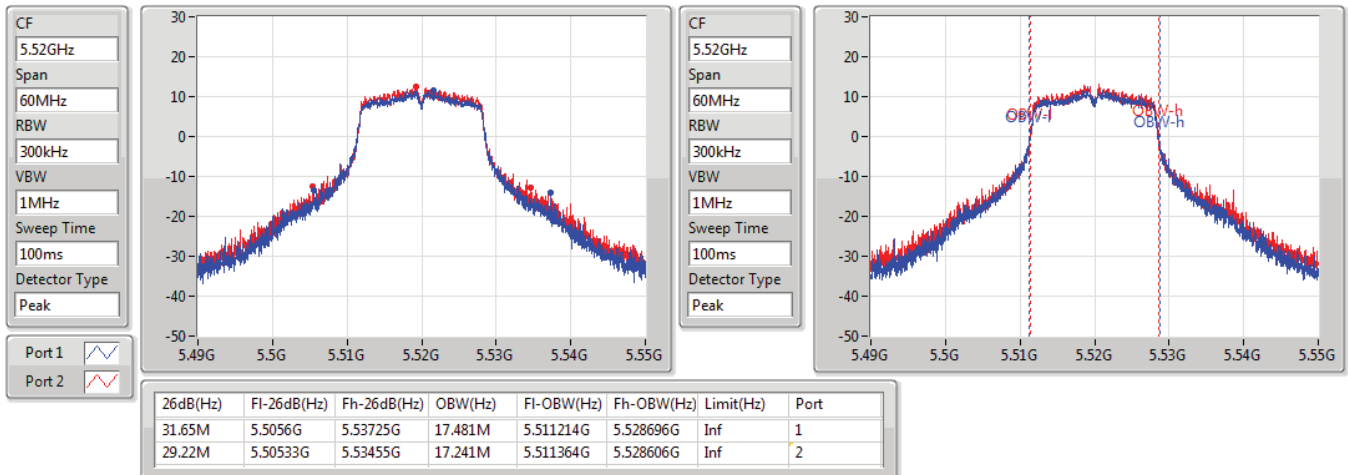


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

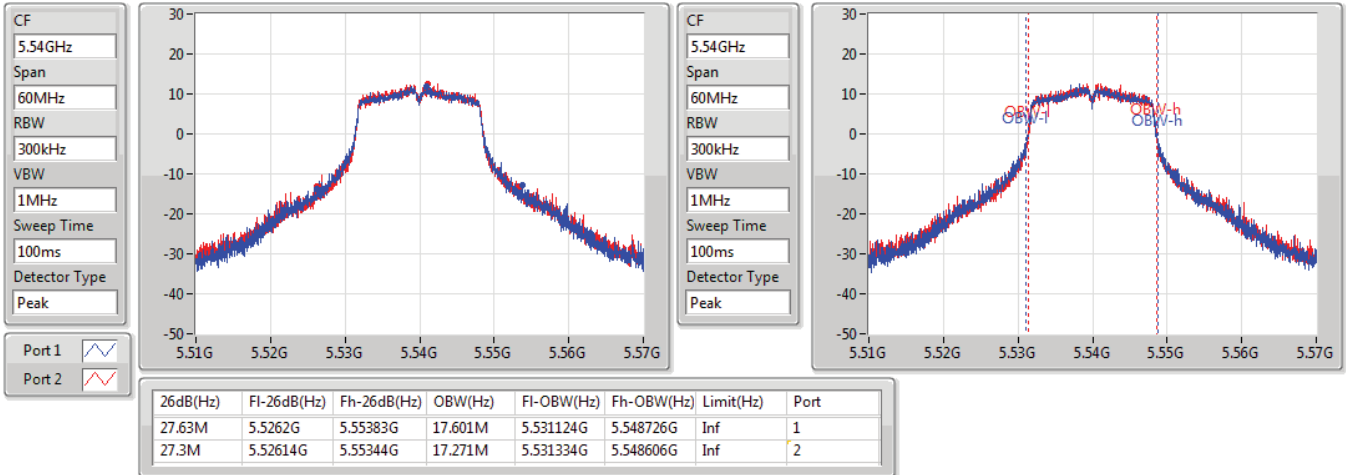
5520MHz

06/05/2022

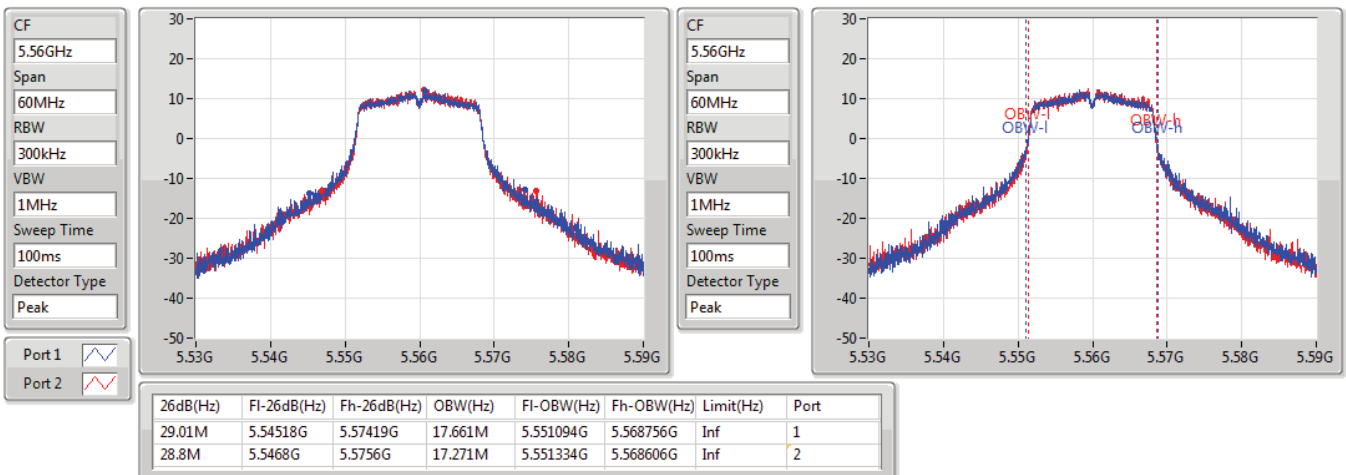


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5540MHz**

06/05/2022

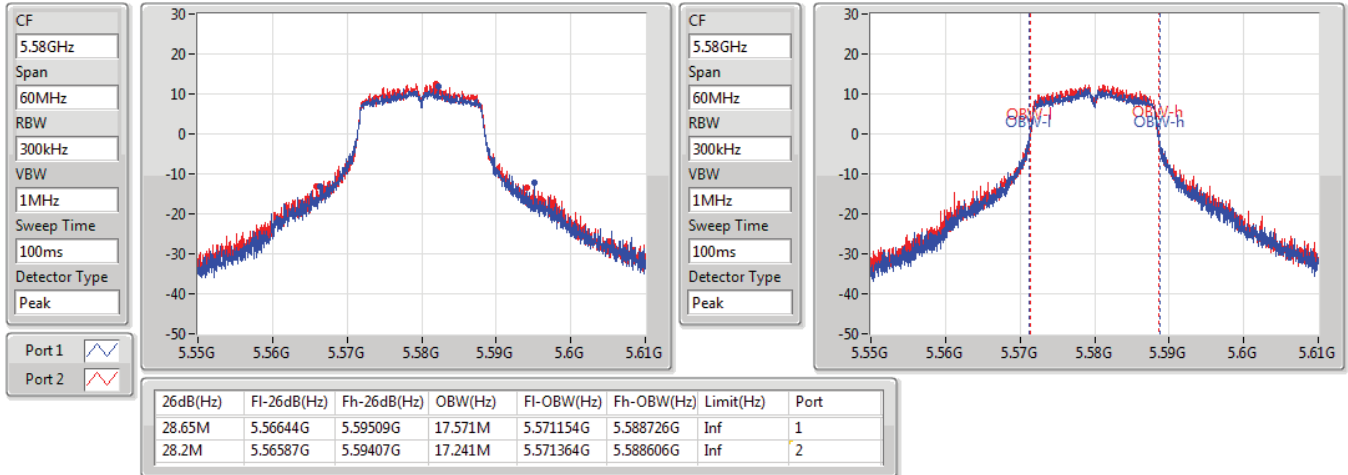

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5560MHz**

06/05/2022

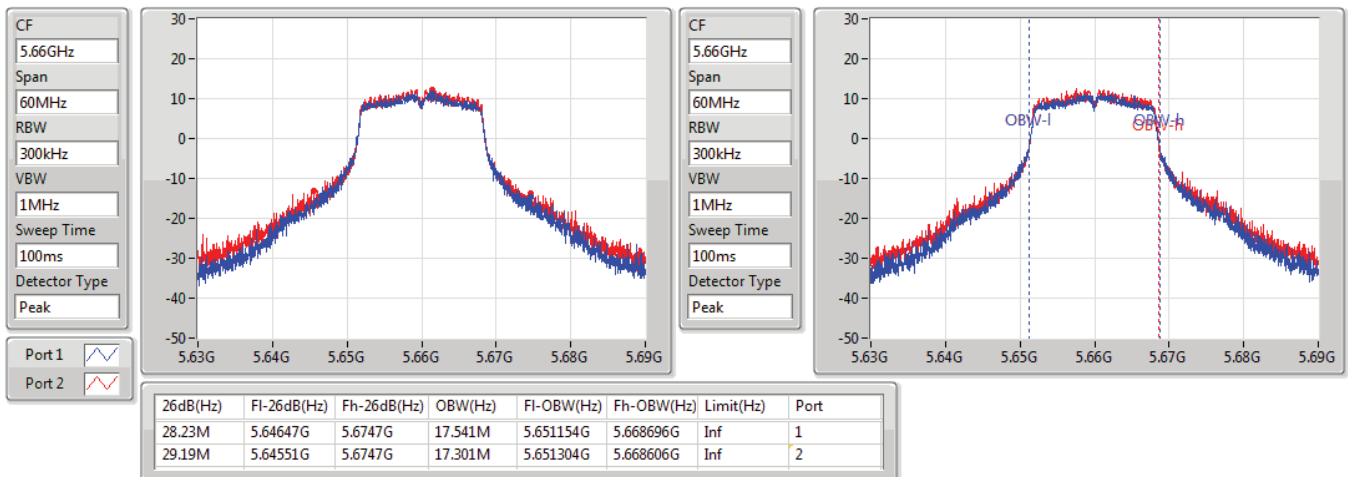


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5580MHz**

06/05/2022

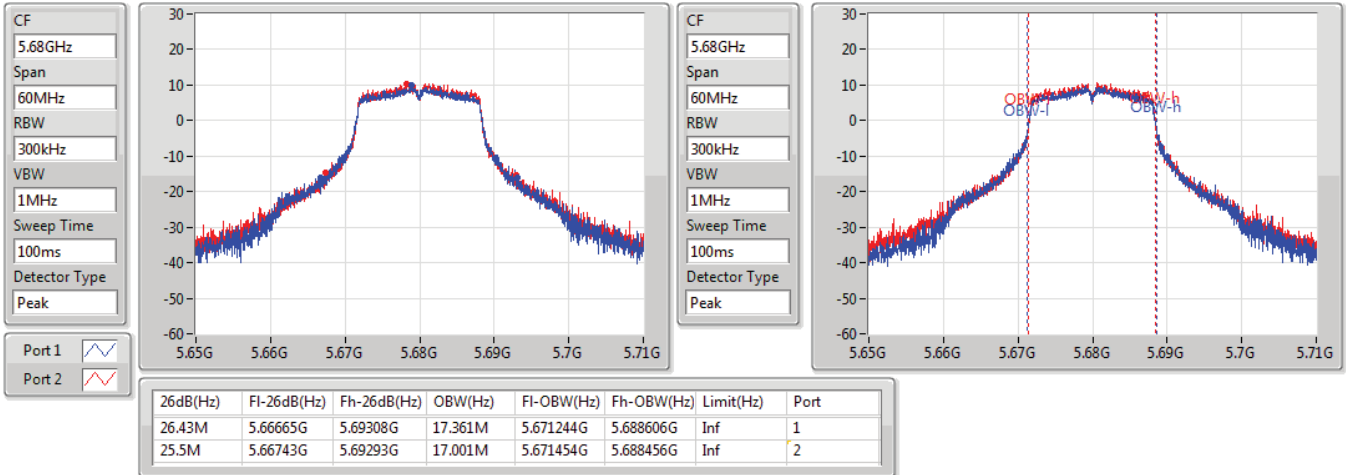

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5660MHz**

06/05/2022

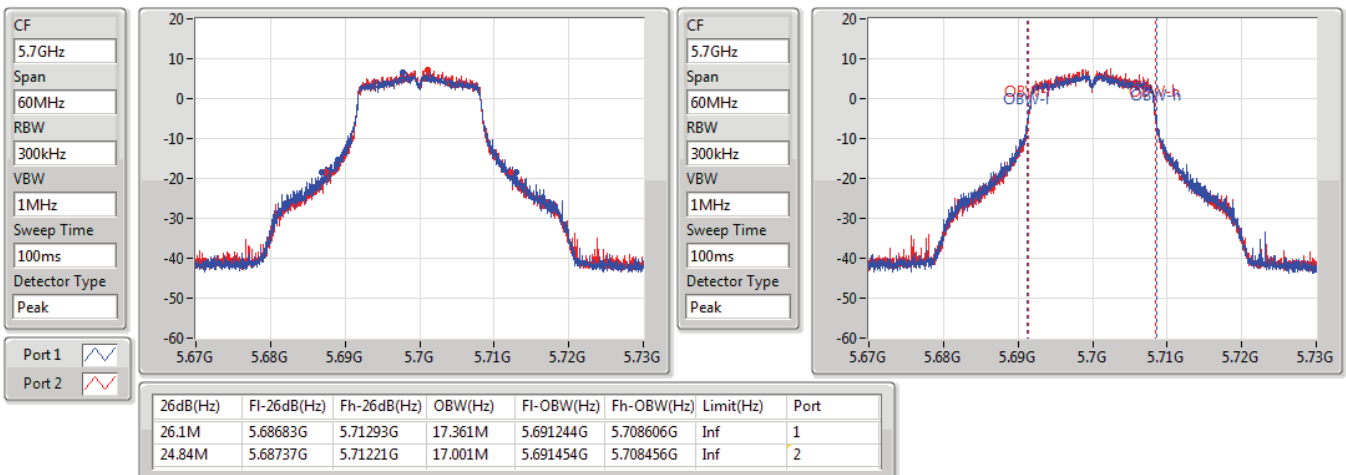


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5680MHz**

06/05/2022


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

06/05/2022

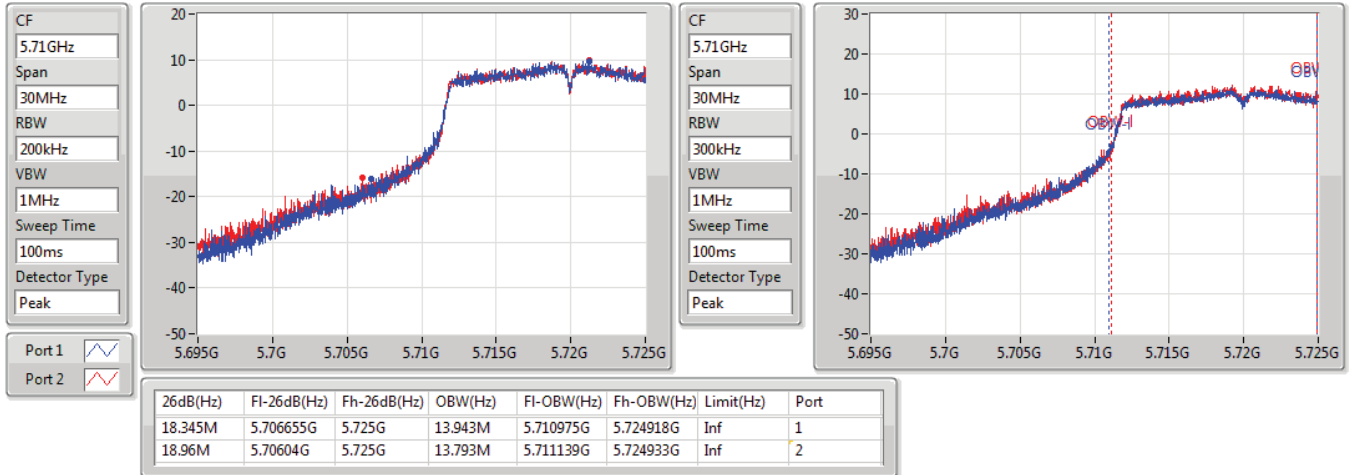


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

### 5720MHz Straddle 5.47-5.725GHz

06/05/2022

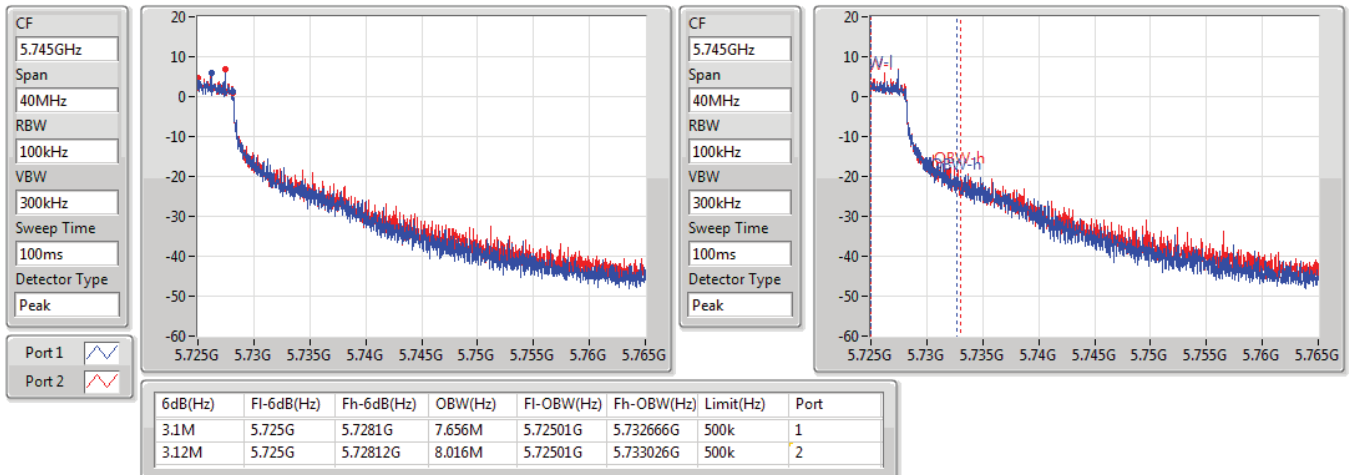


## 802.11a\_Nss1,(6Mbps)\_2TX

EBW

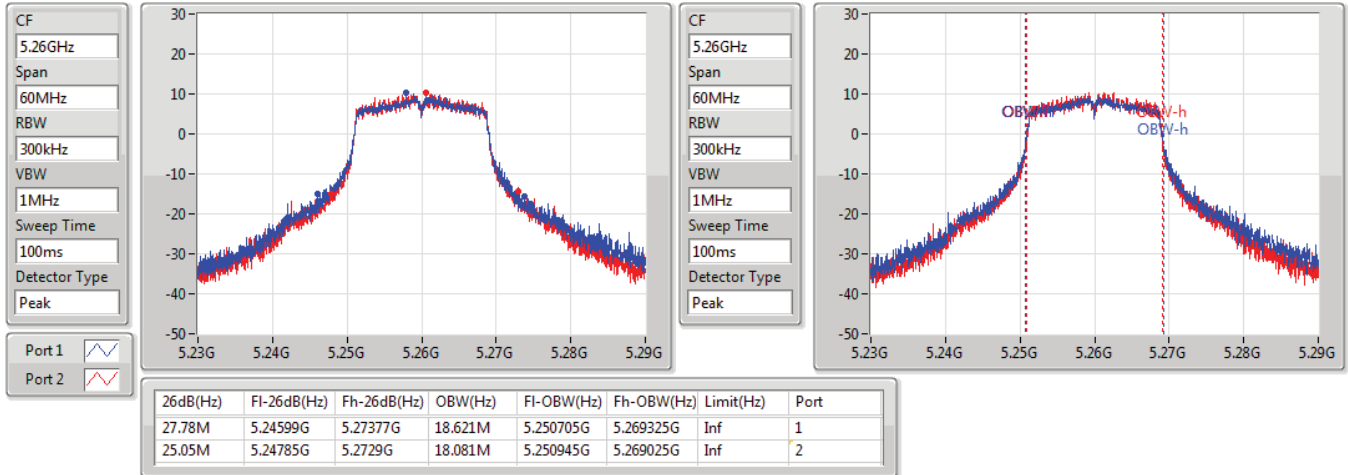
### 5720MHz Straddle 5.725-5.85GHz

06/05/2022

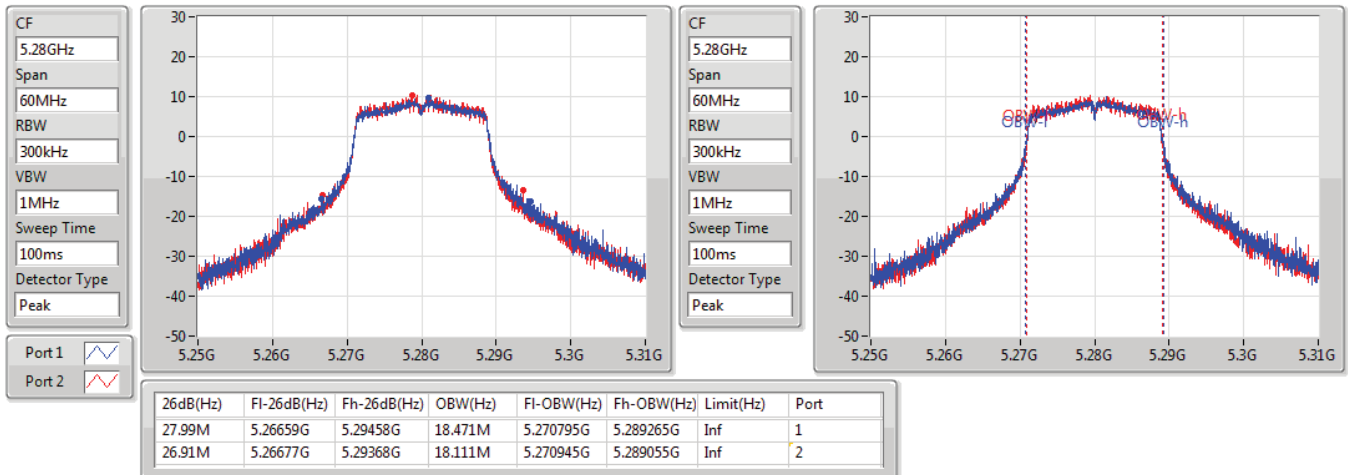


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5260MHz**

23/06/2022

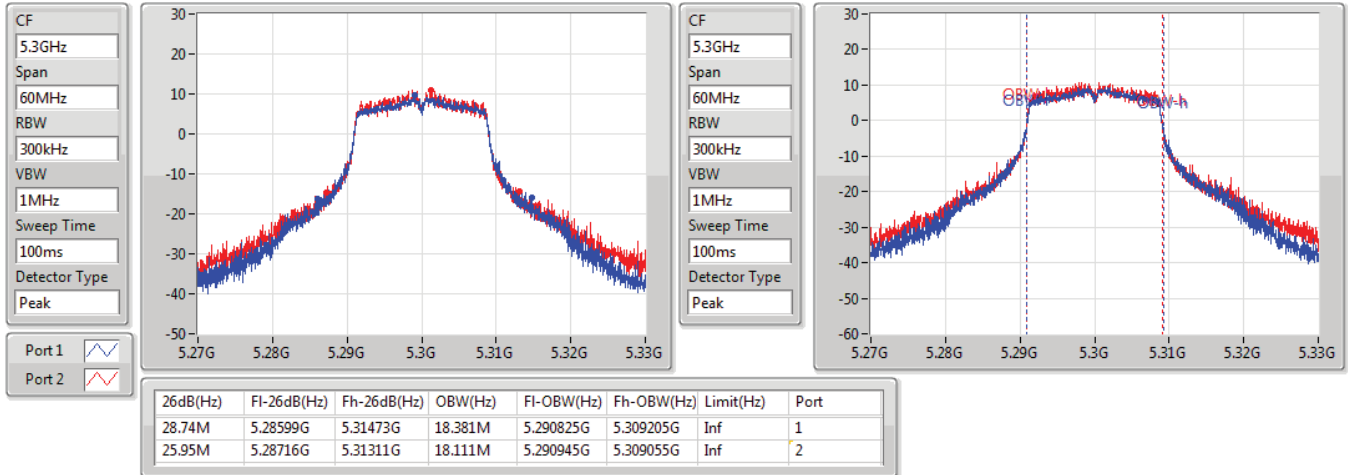

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5280MHz**

23/06/2022

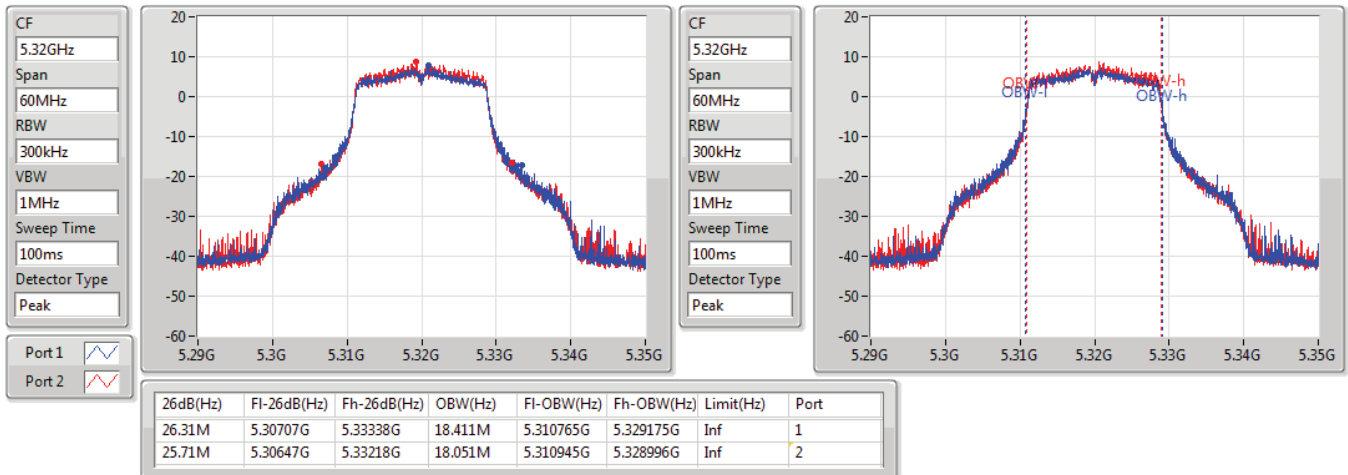


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5300MHz**

23/06/2022

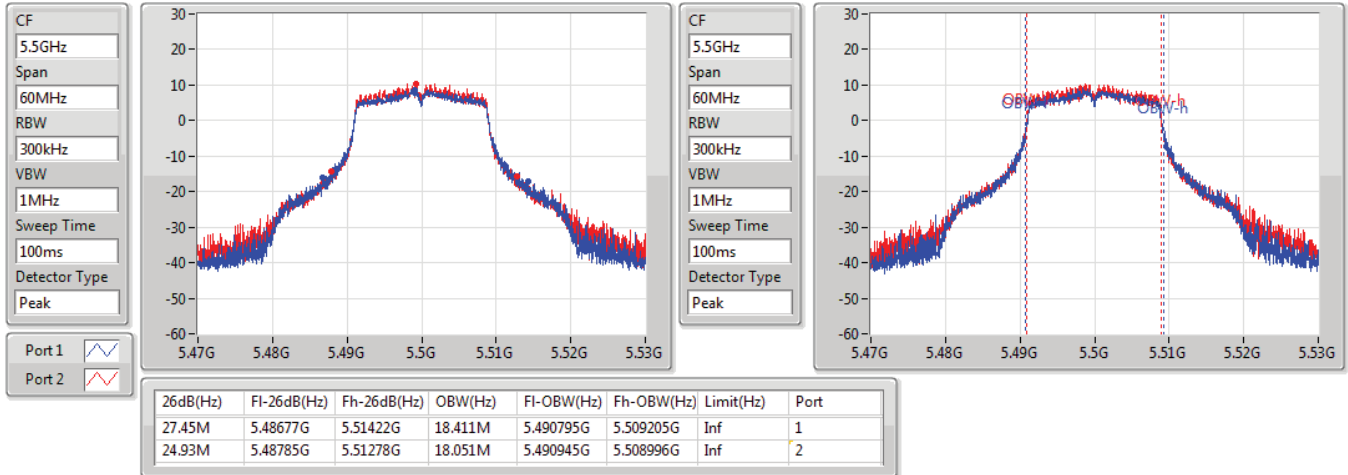

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5320MHz**

06/05/2022

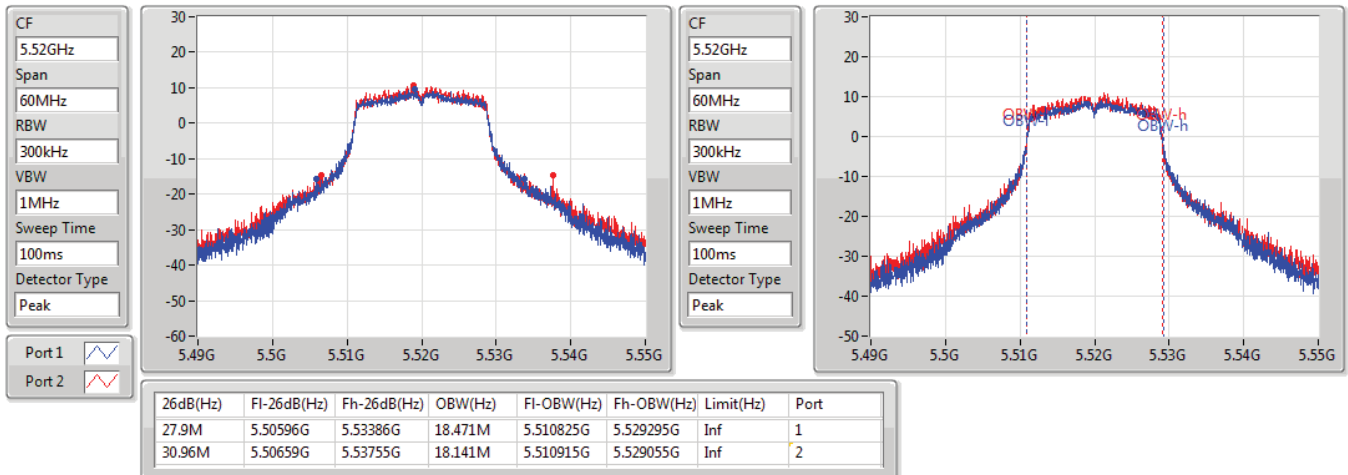


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5500MHz**

06/05/2022

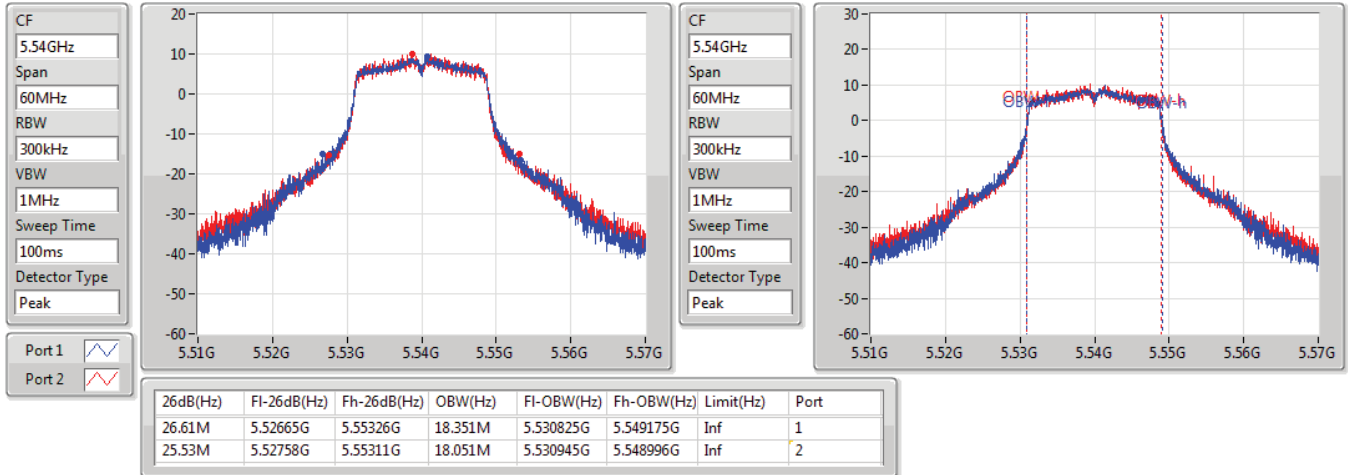

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5520MHz**

23/06/2022

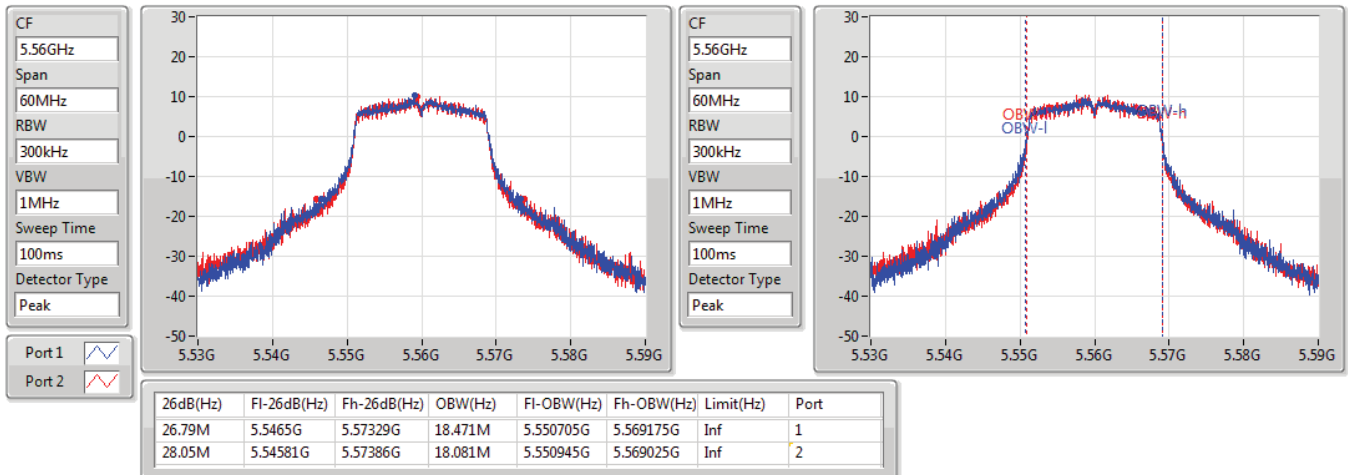


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5540MHz**

23/06/2022

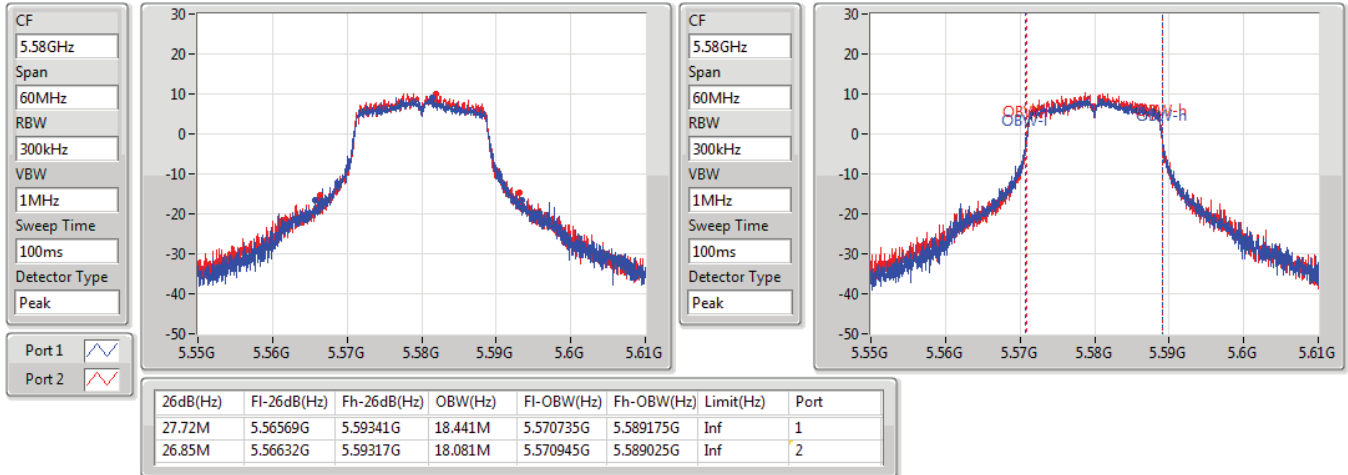

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5560MHz**

23/06/2022

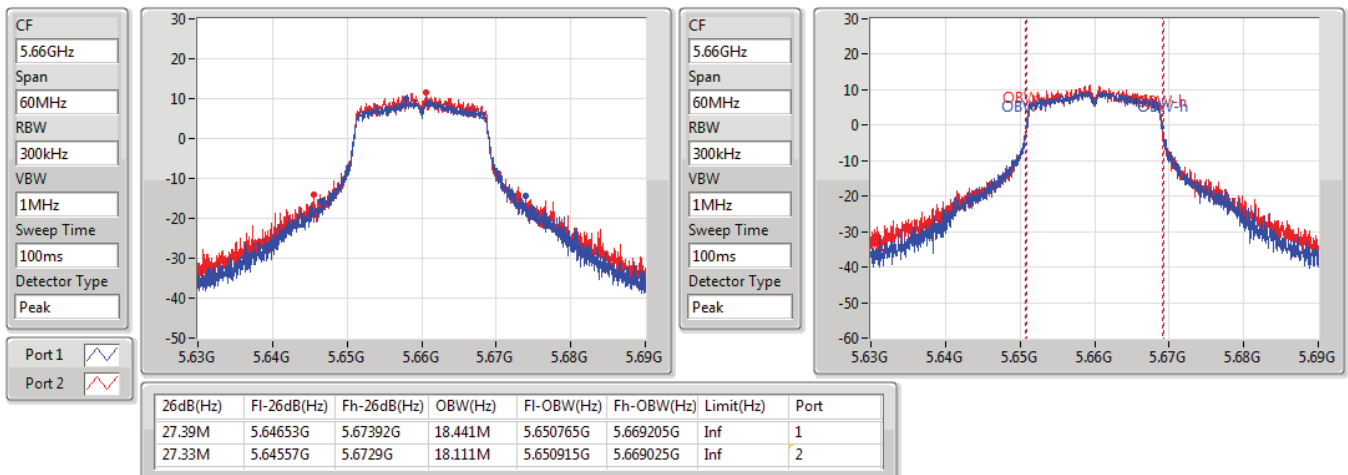


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5580MHz**

23/06/2022

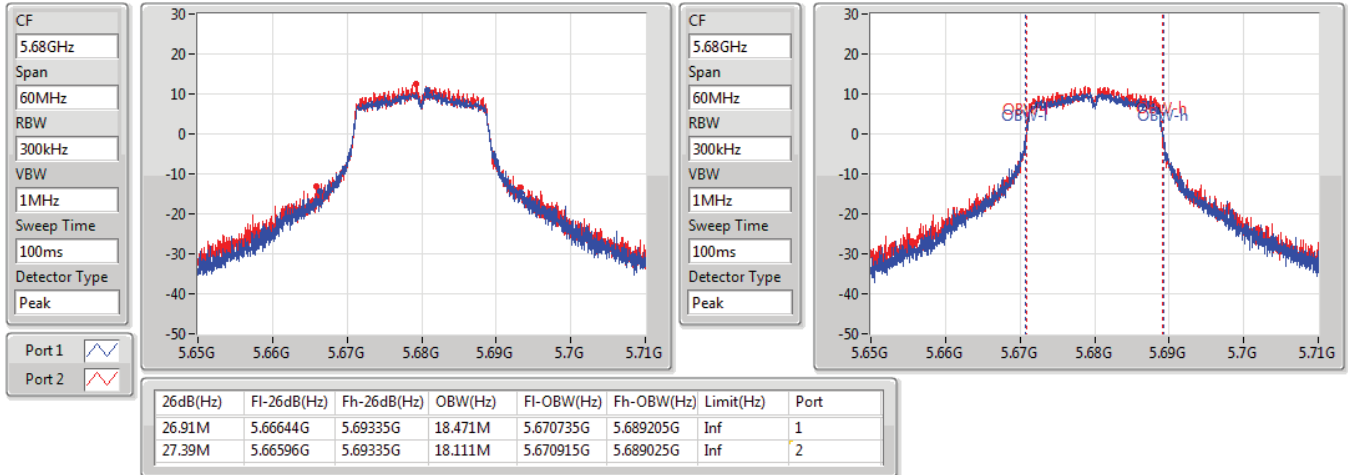

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5660MHz**

23/06/2022

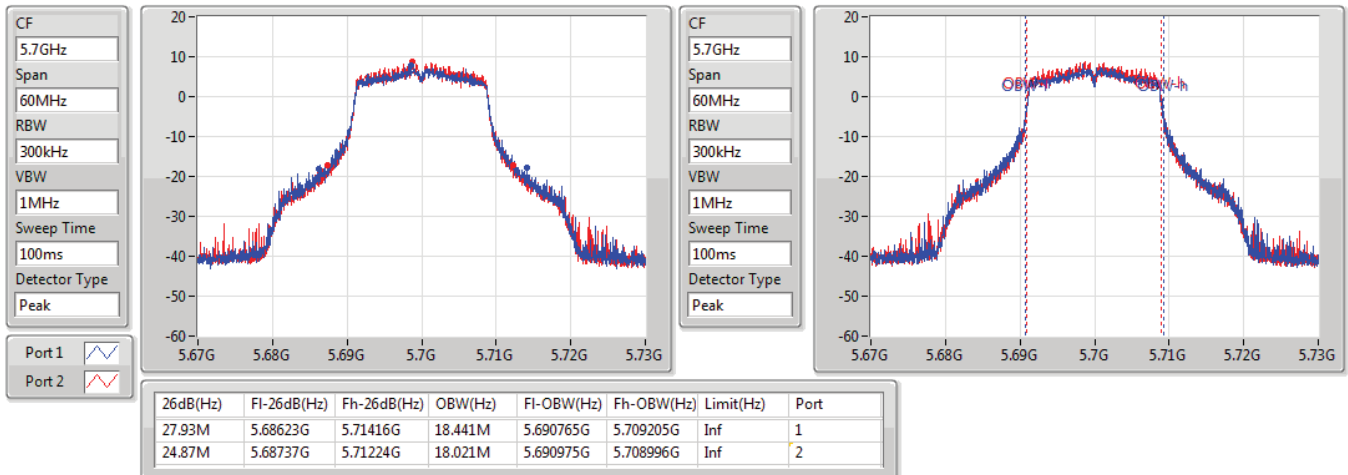


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5680MHz**

06/05/2022

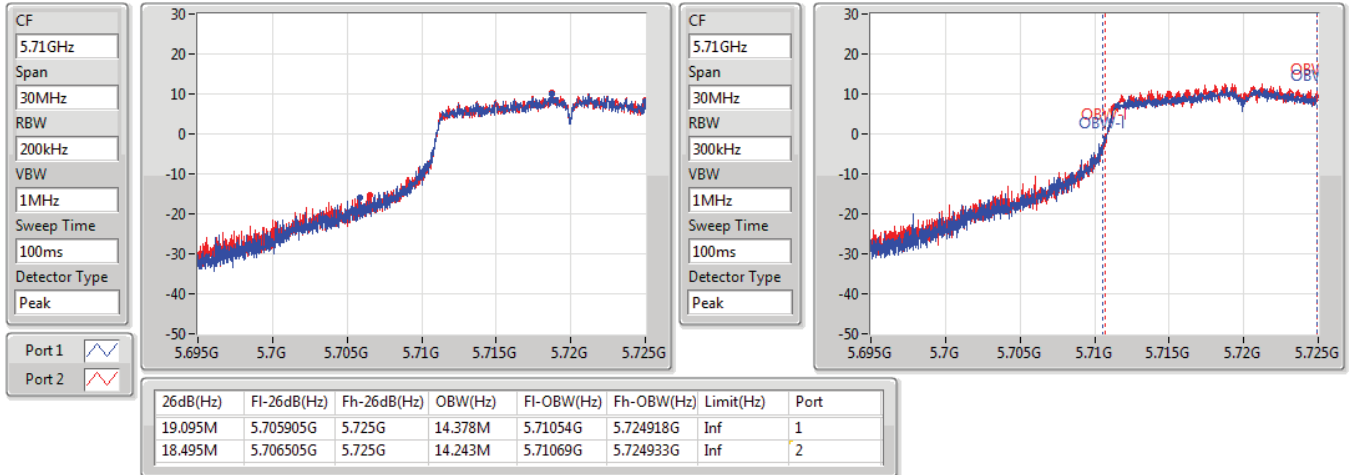

**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5700MHz**

06/05/2022

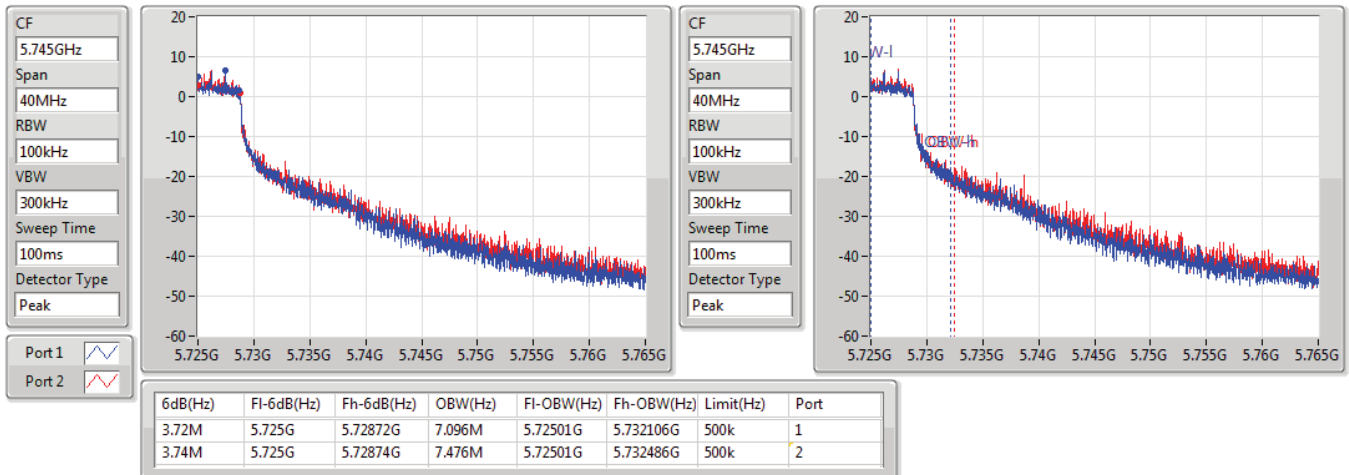


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

06/05/2022


**802.11ac VHT20\_Nss2,(MCS0)\_2TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

06/05/2022

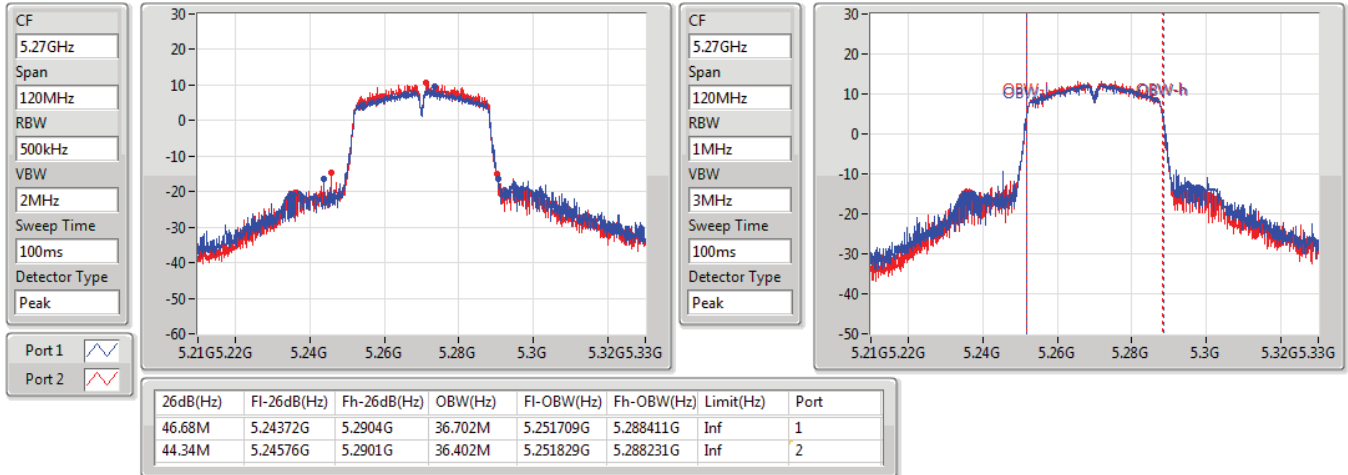


## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5270MHz

23/06/2022

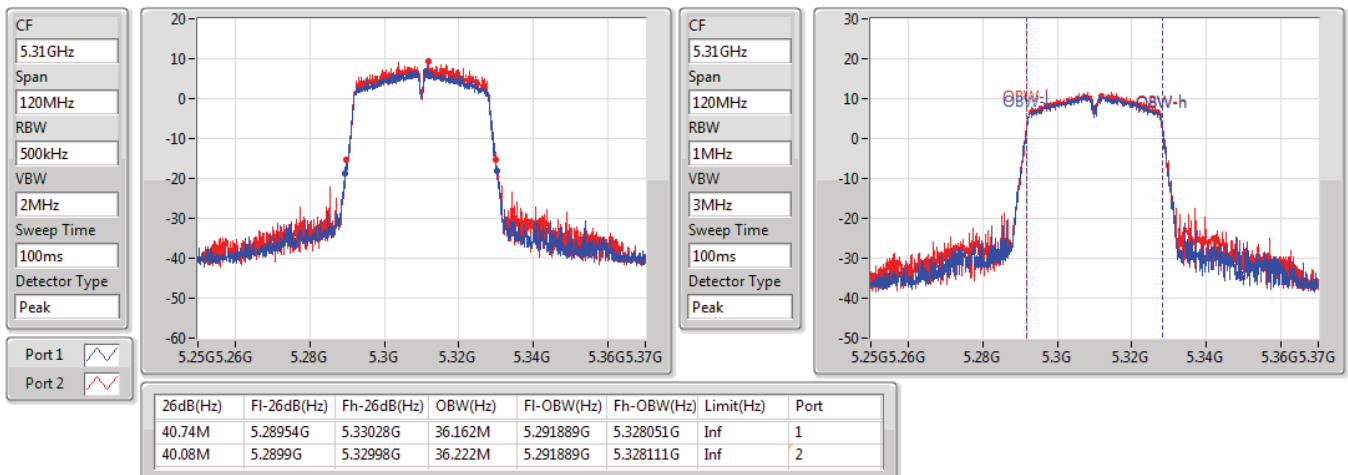


## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

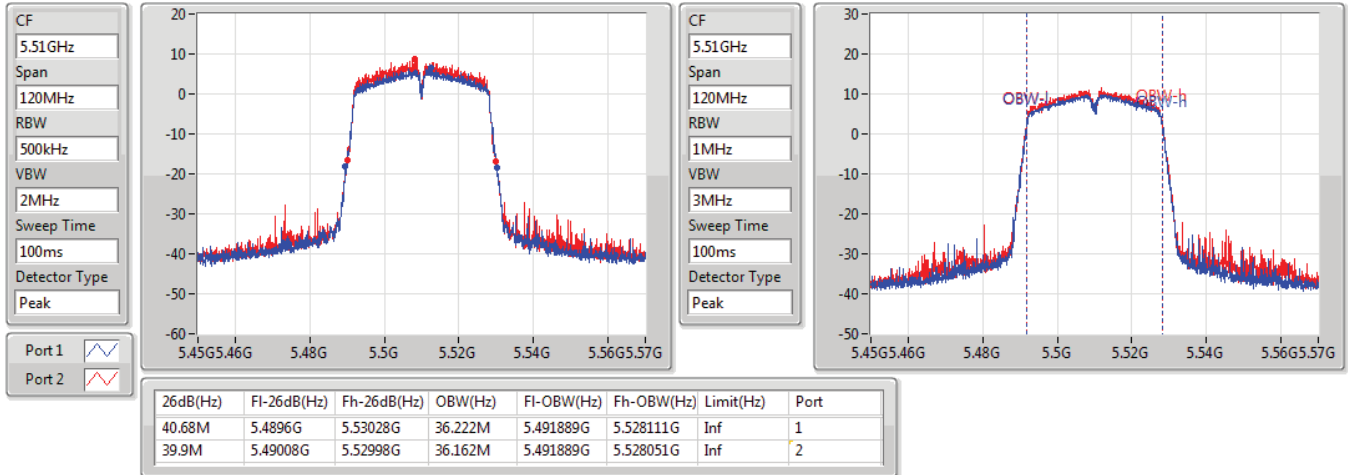
5310MHz

06/05/2022

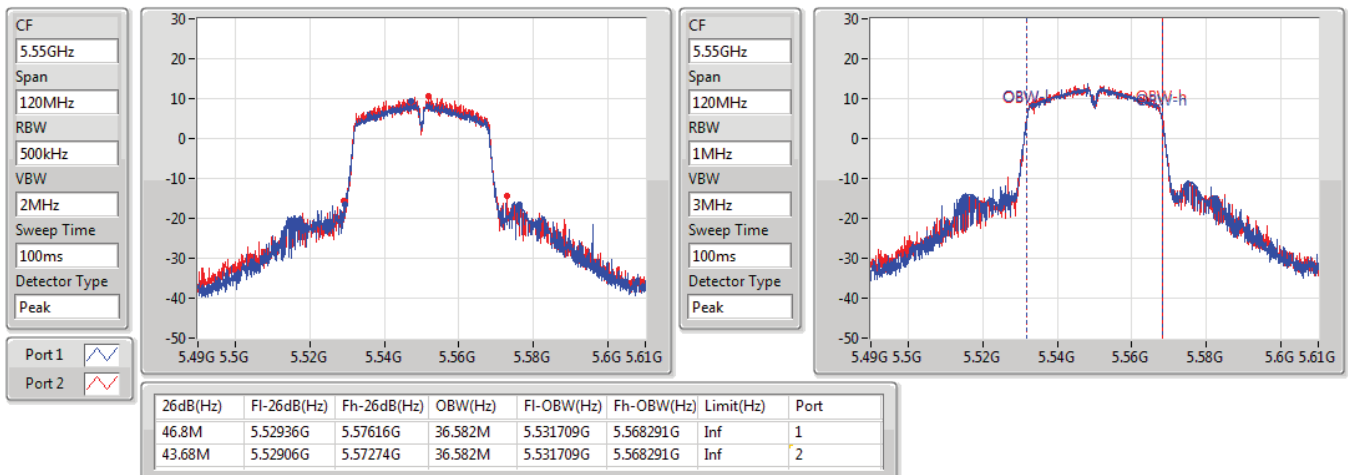


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5510MHz**

06/05/2022

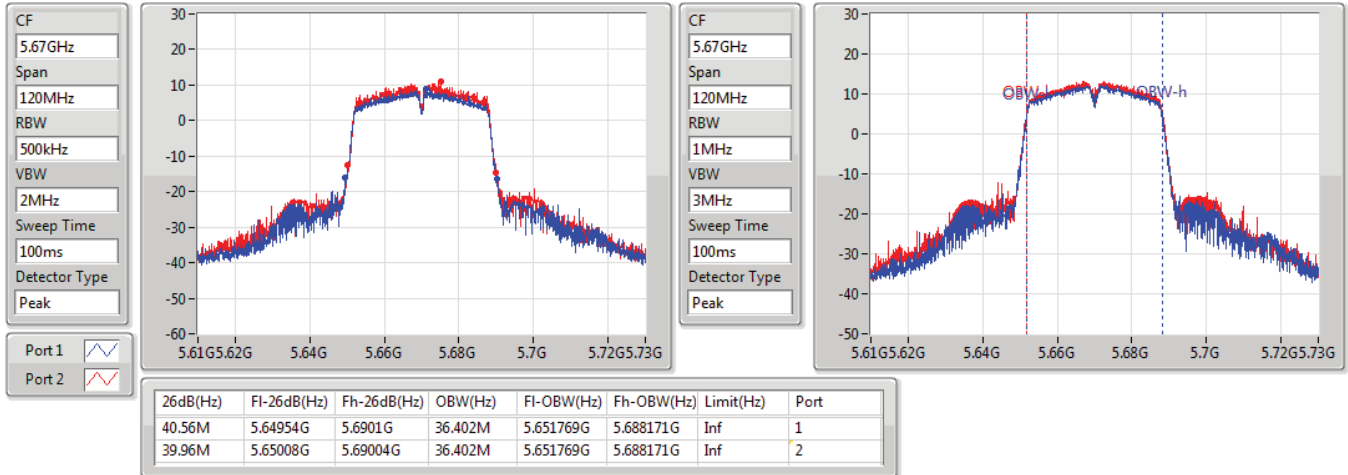

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5550MHz**

23/06/2022

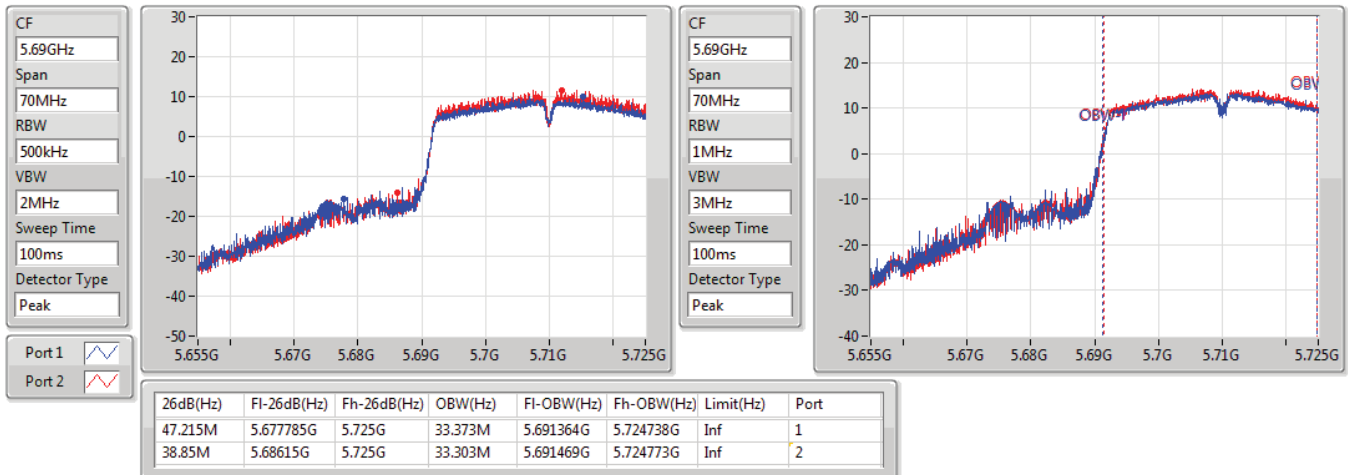


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5670MHz**

06/05/2022

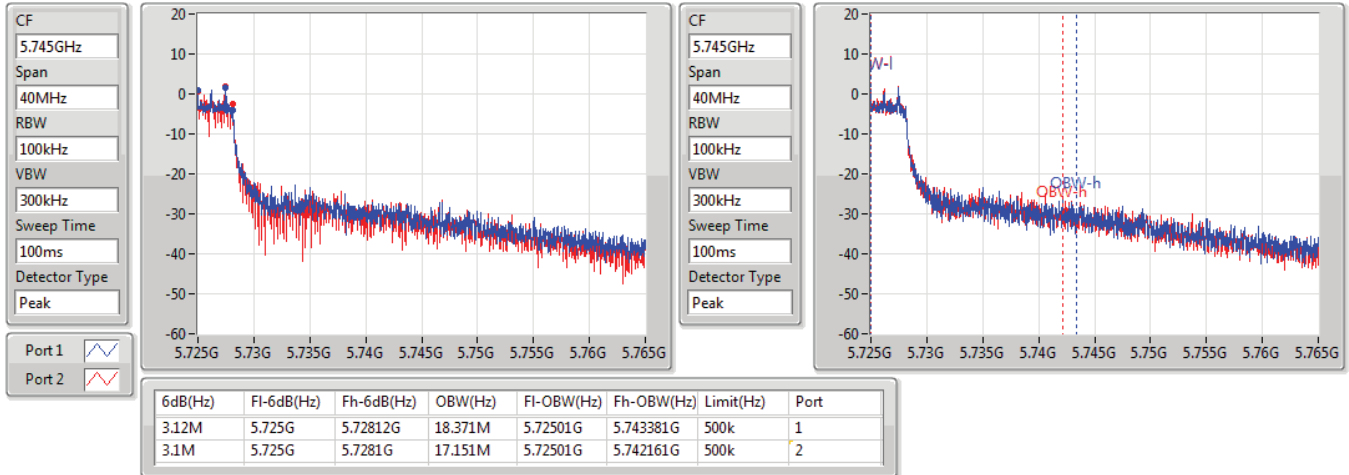

**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.47-5.725GHz**

23/06/2022

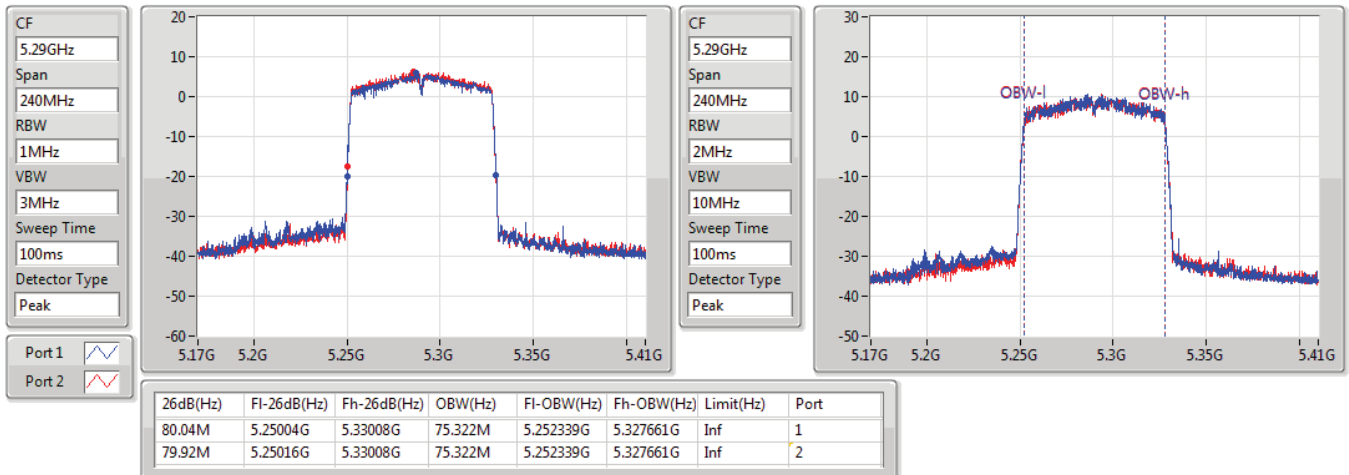


**802.11ac VHT40\_Nss2,(MCS0)\_2TX**
**EBW**
**5710MHz Straddle 5.725-5.85GHz**

23/06/2022

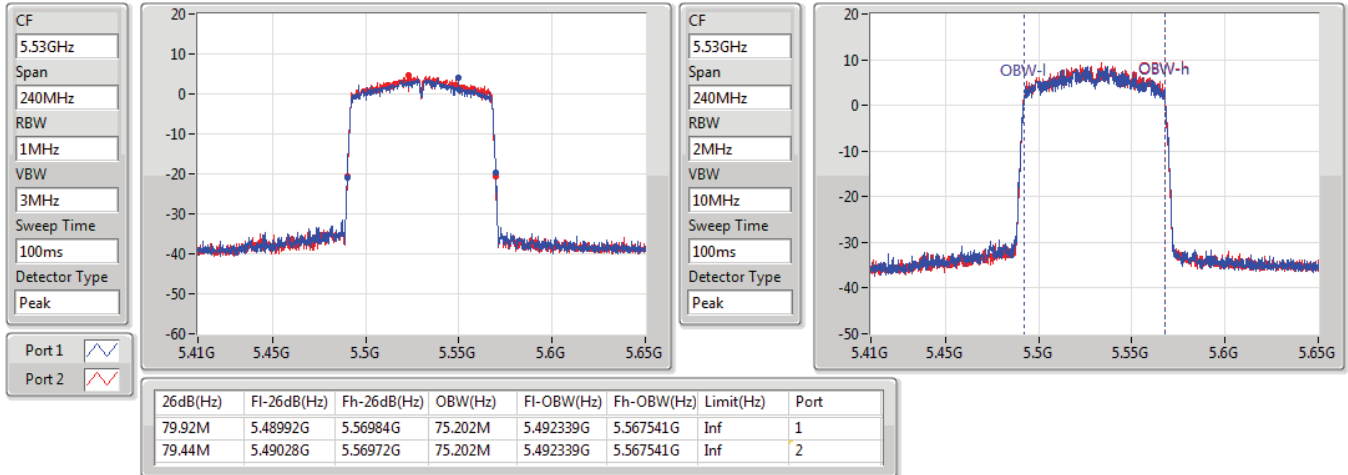

**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5290MHz**

06/05/2022

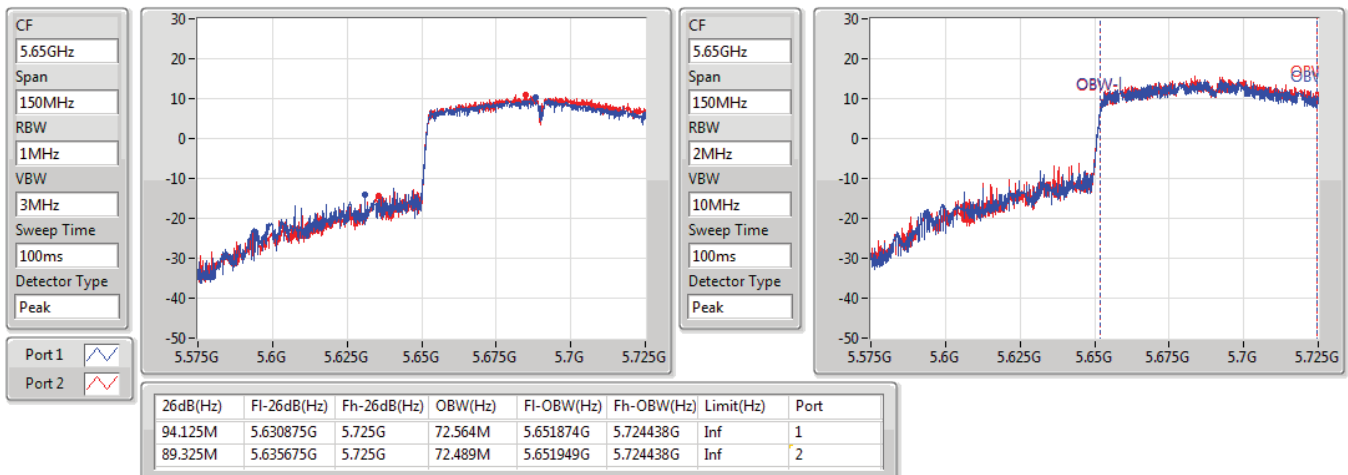


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5530MHz**

06/05/2022


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**
**EBW**
**5690MHz Straddle 5.47-5.725GHz**

23/06/2022

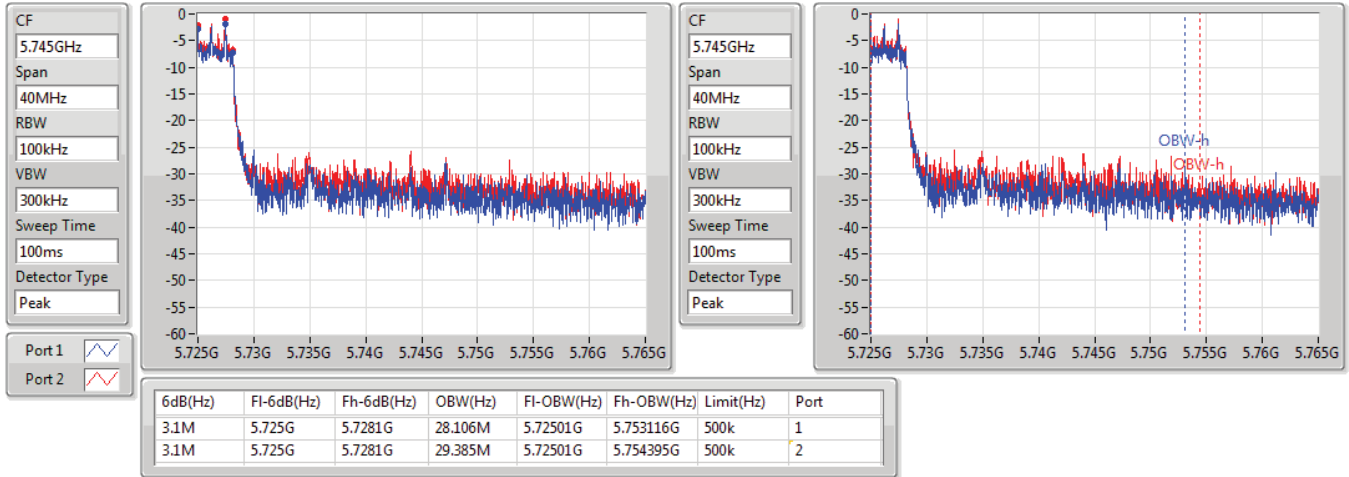


## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

## 5690MHz Straddle 5.725-5.85GHz

23/06/2022



**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.97                | 0.12503            | 25.94         | 0.39264     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 21.70                | 0.14791            | 26.47         | 0.44361     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 21.41                | 0.13836            | 26.18         | 0.41495     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 16.57                | 0.04539            | 21.34         | 0.13614     |
| 5.47-5.725GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.83                | 0.12106            | 25.80         | 0.38019     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 21.71                | 0.14825            | 26.48         | 0.44463     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 21.52                | 0.14191            | 26.29         | 0.42560     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 21.61                | 0.14488            | 26.38         | 0.43451     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 12.84                | 0.01923            | 17.81         | 0.06039     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 19.08                | 0.08091            | 23.85         | 0.24266     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 9.15                 | 0.00822            | 13.92         | 0.02466     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 5.79                 | 0.00379            | 10.56         | 0.01138     |



## 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       | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5260MHz                        | Pass   | 4.97     | 17.48        | 17.56        | 20.53             | 23.98             | 25.50      | 26.99            |
| 5280MHz                        | Pass   | 4.97     | 17.92        | 18.00        | 20.97             | 23.98             | 25.94      | 26.99            |
| 5300MHz                        | Pass   | 4.97     | 17.63        | 17.93        | 20.79             | 23.98             | 25.76      | 26.99            |
| 5320MHz                        | Pass   | 4.97     | 17.54        | 18.07        | 20.82             | 23.98             | 25.79      | 26.99            |
| 5500MHz                        | Pass   | 4.97     | 15.67        | 16.18        | 18.94             | 23.98             | 23.91      | 26.99            |
| 5520MHz                        | Pass   | 4.97     | 17.63        | 17.78        | 20.72             | 23.98             | 25.69      | 26.99            |
| 5540MHz                        | Pass   | 4.97     | 17.83        | 17.81        | 20.83             | 23.98             | 25.80      | 26.99            |
| 5560MHz                        | Pass   | 4.97     | 17.80        | 17.75        | 20.79             | 23.98             | 25.76      | 26.99            |
| 5580MHz                        | Pass   | 4.97     | 17.04        | 17.82        | 20.46             | 23.98             | 25.43      | 26.99            |
| 5660MHz                        | Pass   | 4.97     | 17.25        | 17.82        | 20.55             | 23.98             | 25.52      | 26.99            |
| 5680MHz                        | Pass   | 4.97     | 17.19        | 17.76        | 20.49             | 23.98             | 25.46      | 26.99            |
| 5700MHz                        | Pass   | 4.97     | 14.08        | 14.32        | 17.21             | 23.98             | 22.18      | 26.99            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 4.97     | 16.71        | 17.14        | 19.94             | 23.64             | 24.91      | 26.99            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 4.97     | 9.63         | 10.02        | 12.84             | 30.00             | 17.81      | 36.00            |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5260MHz                        | Pass   | 4.77     | 18.50        | 18.48        | 21.50             | 23.98             | 26.27      | 26.99            |
| 5280MHz                        | Pass   | 4.77     | 18.53        | 18.47        | 21.51             | 23.98             | 26.28      | 26.99            |
| 5300MHz                        | Pass   | 4.77     | 18.54        | 18.84        | 21.70             | 23.98             | 26.47      | 26.99            |
| 5320MHz                        | Pass   | 4.77     | 15.21        | 15.42        | 18.33             | 23.98             | 23.10      | 26.99            |
| 5500MHz                        | Pass   | 4.77     | 16.95        | 17.48        | 20.23             | 23.98             | 25.00      | 26.99            |
| 5520MHz                        | Pass   | 4.77     | 18.43        | 18.96        | 21.71             | 23.98             | 26.48      | 26.99            |
| 5540MHz                        | Pass   | 4.77     | 18.34        | 18.12        | 21.24             | 23.98             | 26.01      | 26.99            |
| 5560MHz                        | Pass   | 4.77     | 18.88        | 18.47        | 21.69             | 23.98             | 26.46      | 26.99            |
| 5580MHz                        | Pass   | 4.77     | 18.24        | 18.45        | 21.36             | 23.98             | 26.13      | 26.99            |
| 5660MHz                        | Pass   | 4.77     | 18.36        | 18.75        | 21.57             | 23.98             | 26.34      | 26.99            |
| 5680MHz                        | Pass   | 4.77     | 18.25        | 18.70        | 21.49             | 23.98             | 26.26      | 26.99            |
| 5700MHz                        | Pass   | 4.77     | 15.34        | 15.68        | 18.52             | 23.98             | 23.29      | 26.99            |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 4.77     | 18.11        | 18.35        | 21.24             | 23.67             | 26.01      | 26.99            |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 4.77     | 13.73        | 17.58        | 19.08             | 30.00             | 23.85      | 36.00            |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5270MHz                        | Pass   | 4.77     | 18.42        | 18.37        | 21.41             | 23.98             | 26.18      | 26.99            |
| 5310MHz                        | Pass   | 4.77     | 15.58        | 15.81        | 18.71             | 23.98             | 23.48      | 26.99            |
| 5510MHz                        | Pass   | 4.77     | 14.84        | 15.29        | 18.08             | 23.98             | 22.85      | 26.99            |
| 5550MHz                        | Pass   | 4.77     | 18.64        | 18.28        | 21.47             | 23.98             | 26.24      | 26.99            |
| 5670MHz                        | Pass   | 4.77     | 16.88        | 17.45        | 20.18             | 23.98             | 24.95      | 26.99            |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 4.77     | 18.41        | 18.61        | 21.52             | 23.98             | 26.29      | 26.99            |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 4.77     | 6.08         | 6.20         | 9.15              | 30.00             | 13.92      | 36.00            |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -        | -            | -            | -                 | -                 | -          | -                |
| 5290MHz                        | Pass   | 4.77     | 13.52        | 13.60        | 16.57             | 23.98             | 21.34      | 26.99            |
| 5530MHz                        | Pass   | 4.77     | 11.82        | 11.83        | 14.84             | 23.98             | 19.61      | 26.99            |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 4.77     | 18.37        | 18.82        | 21.61             | 23.98             | 26.38      | 26.99            |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 4.77     | 2.47         | 3.07         | 5.79              | 30.00             | 10.56      | 36.00            |

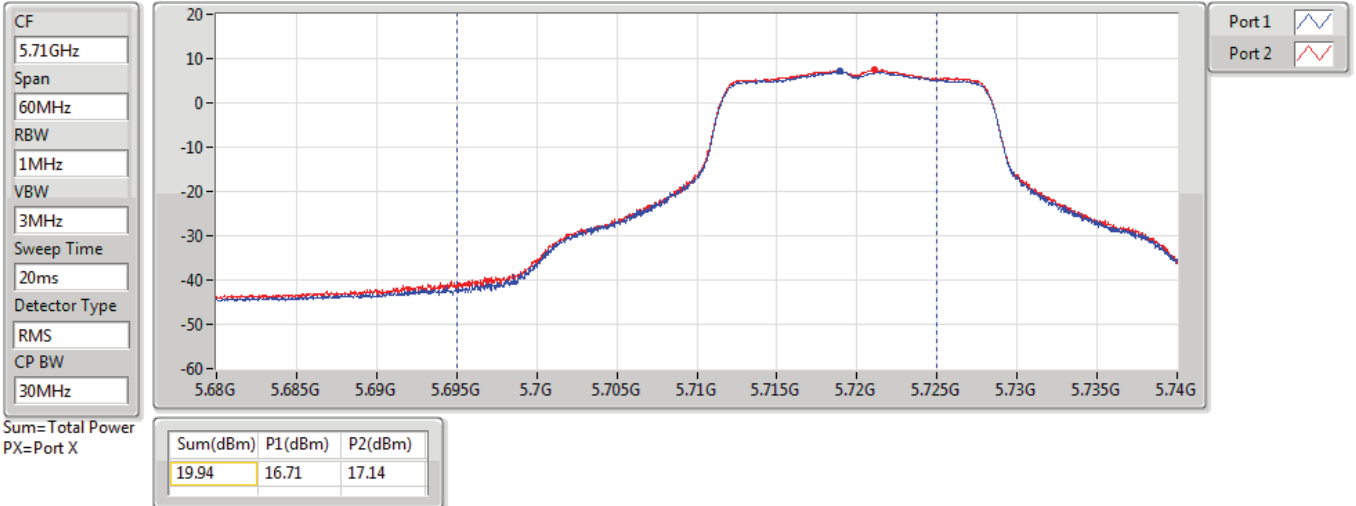
DG = Directional Gain; Port X = Port X output power

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

## AV Power

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

29/05/2022

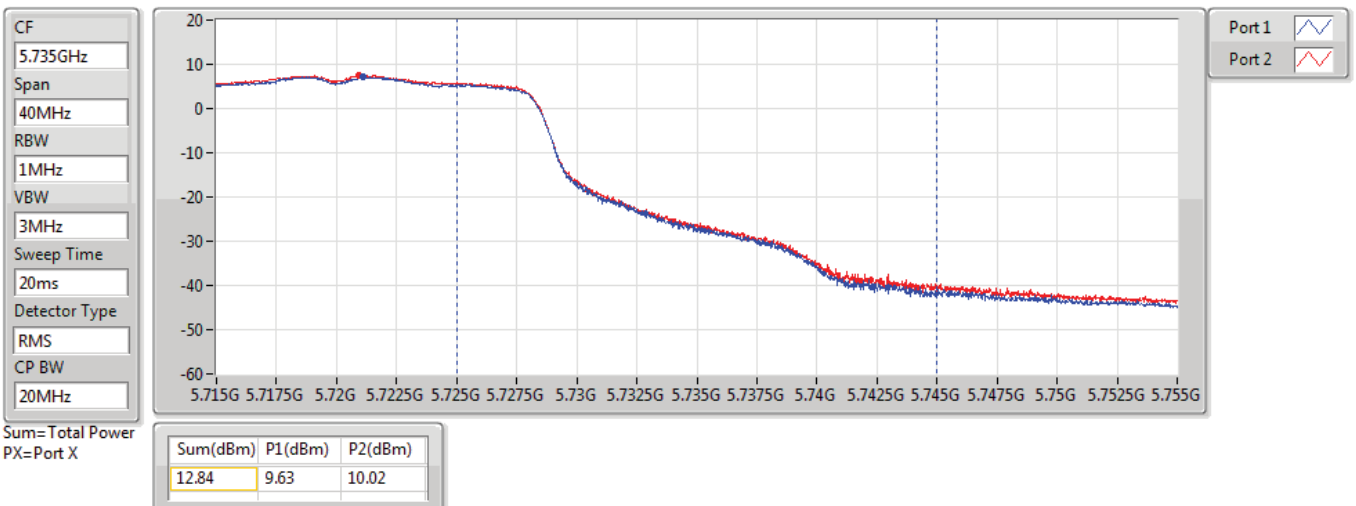


## 802.11a\_Nss1,(6Mbps)\_2TX

## AV Power

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

29/05/2022

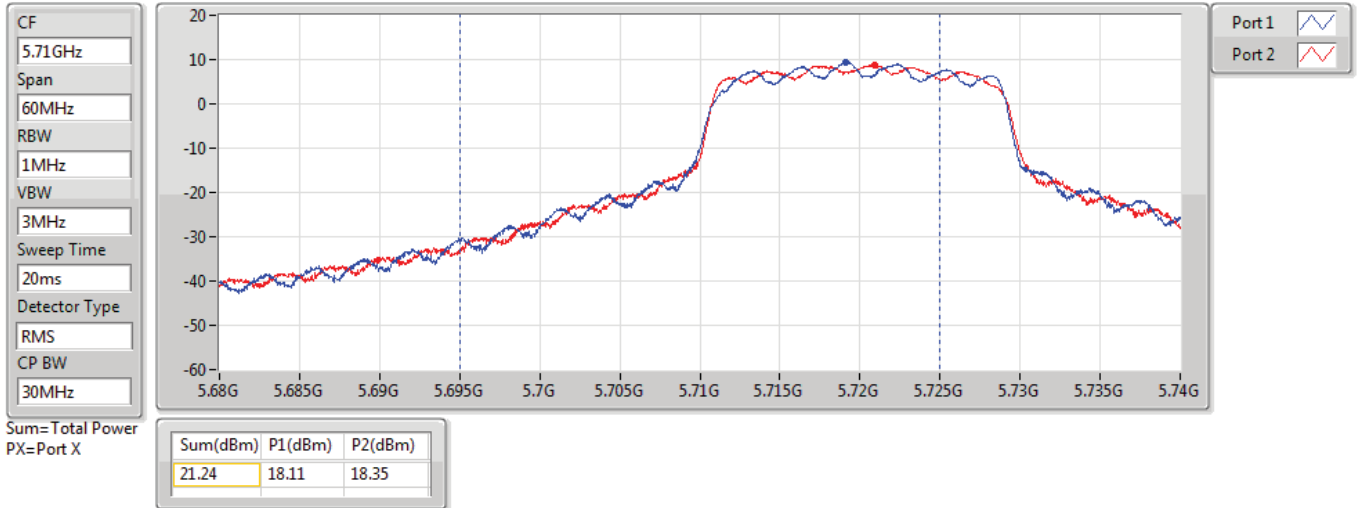


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## AV Power

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

23/06/2022

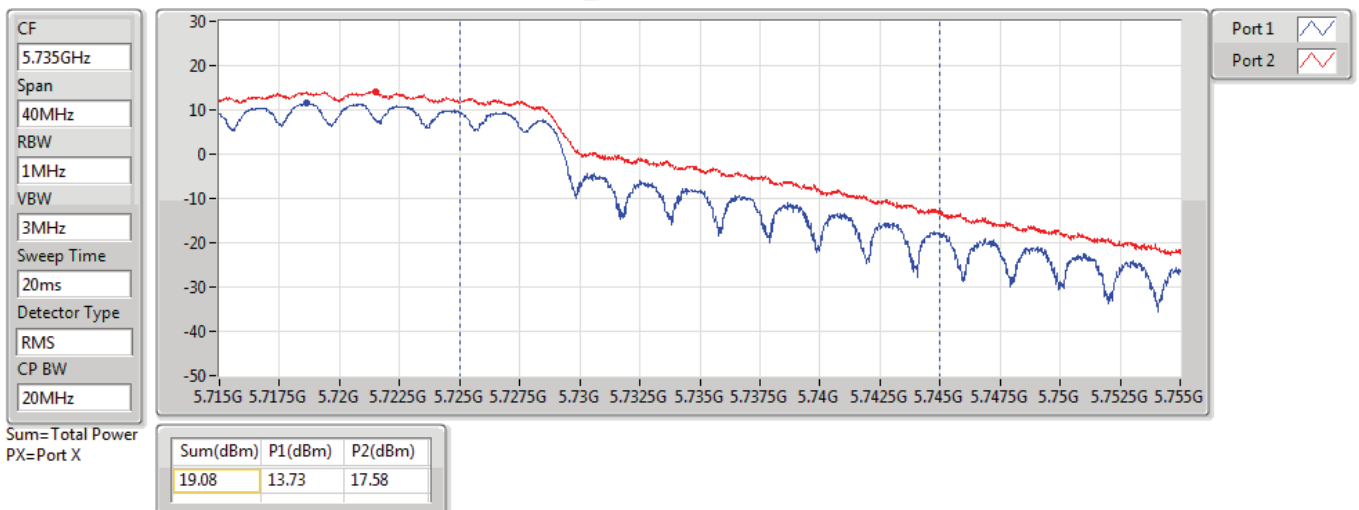


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## AV Power

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

29/05/2022



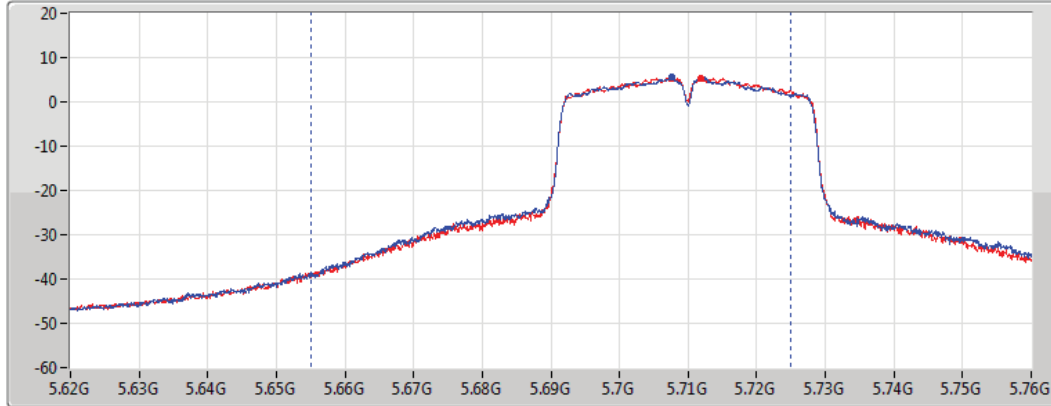
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## AV Power

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

23/06/2022

CF  
5.69GHz  
Span  
140MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
70MHz



Port1  
Port2

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 21.52    | 18.41   | 18.61   |

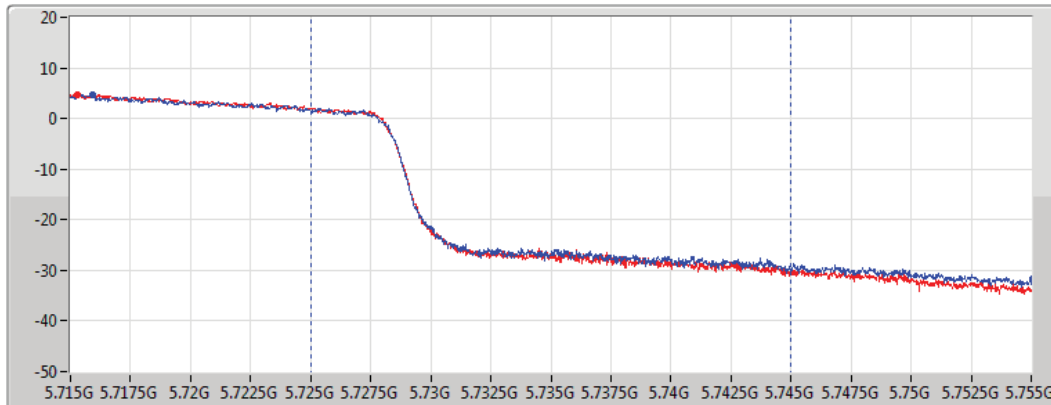
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## AV Power

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

23/06/2022

CF  
5.735GHz  
Span  
40MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



Port1  
Port2

Sum= Total Power  
PX=Port X

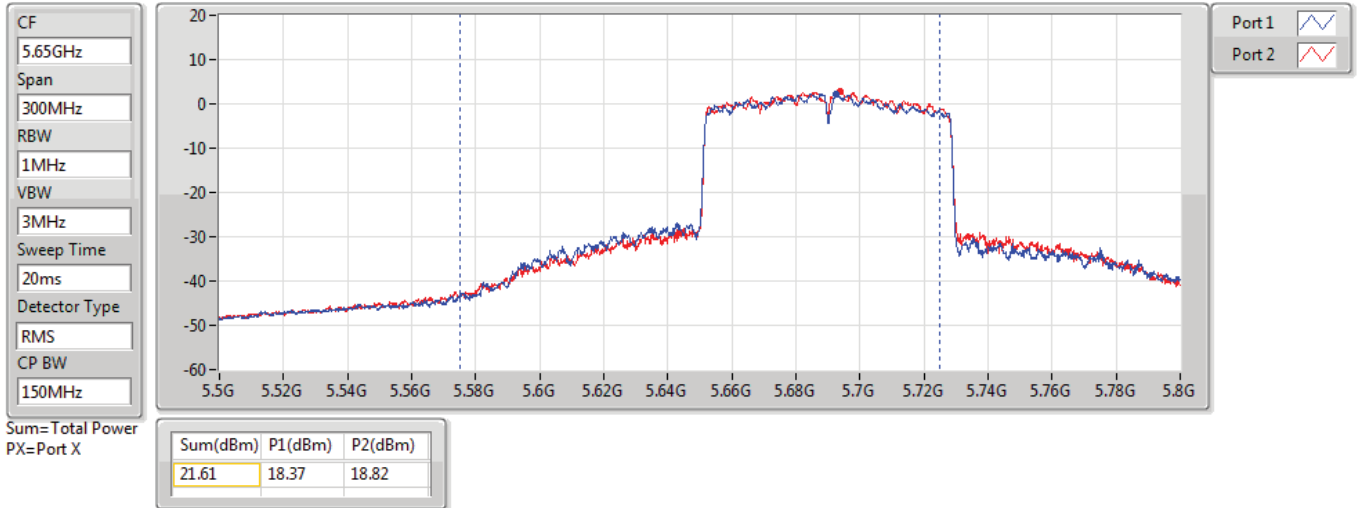
| Sum(dBm) | P1(dBm) | P2(dBm) |
|----------|---------|---------|
| 9.15     | 6.08    | 6.20    |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

## AV Power

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

23/06/2022

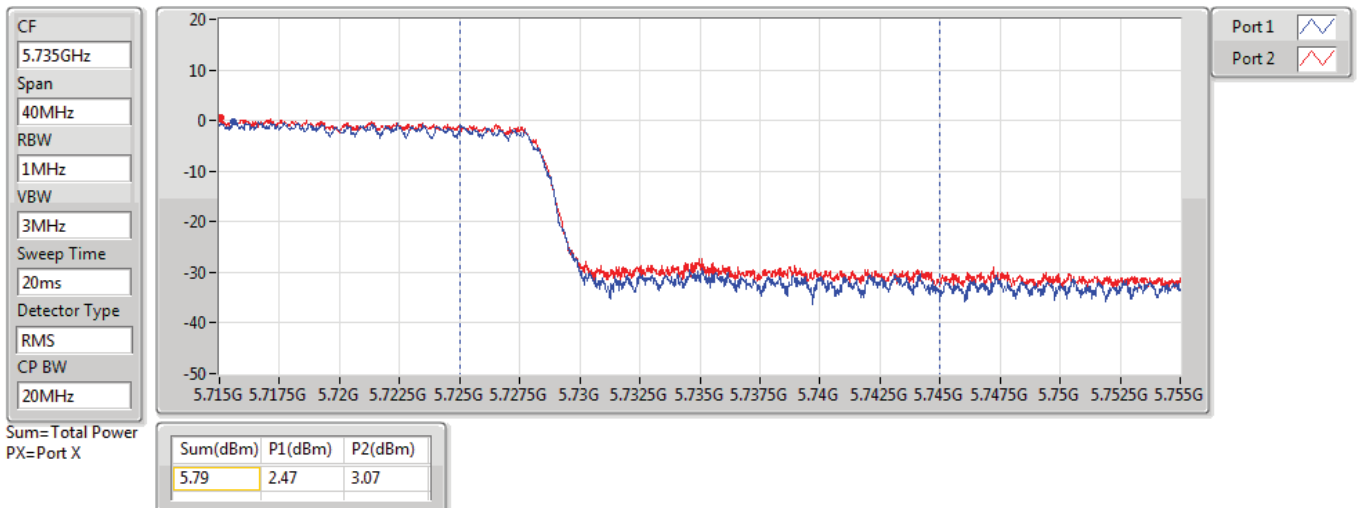


## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

## AV Power

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

23/06/2022



**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.25-5.35GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 9.20            | 16.98                |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 8.97            | 13.74                |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 5.99            | 10.76                |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -0.82           | 3.95                 |
| 5.47-5.725GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 9.06            | 16.84                |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 10.65           | 15.42                |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 6.64            | 11.41                |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 4.19            | 8.96                 |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 5.25            | 13.03                |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 12.22           | 16.99                |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 2.01            | 6.78                 |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -0.96           | 3.81                 |

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

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 7.78        | 5.81                | 5.81                | 8.77            | 9.22                  | 16.55                | 17.00                      |
| 5280MHz                        | Pass   | 7.78        | 6.20                | 6.35                | 9.20            | 9.22                  | 16.98                | 17.00                      |
| 5300MHz                        | Pass   | 7.78        | 6.10                | 6.24                | 9.18            | 9.22                  | 16.96                | 17.00                      |
| 5320MHz                        | Pass   | 7.78        | 6.09                | 6.36                | 9.13            | 9.22                  | 16.91                | 17.00                      |
| 5500MHz                        | Pass   | 7.78        | 3.88                | 4.47                | 7.12            | 9.22                  | 14.90                | 17.00                      |
| 5520MHz                        | Pass   | 7.78        | 5.83                | 6.53                | 9.06            | 9.22                  | 16.84                | 17.00                      |
| 5540MHz                        | Pass   | 7.78        | 6.01                | 6.08                | 8.99            | 9.22                  | 16.77                | 17.00                      |
| 5560MHz                        | Pass   | 7.78        | 6.07                | 6.02                | 9.06            | 9.22                  | 16.84                | 17.00                      |
| 5580MHz                        | Pass   | 7.78        | 5.53                | 6.14                | 8.74            | 9.22                  | 16.52                | 17.00                      |
| 5660MHz                        | Pass   | 7.78        | 5.54                | 6.17                | 8.80            | 9.22                  | 16.58                | 17.00                      |
| 5680MHz                        | Pass   | 7.78        | 5.57                | 6.04                | 8.73            | 9.22                  | 16.51                | 17.00                      |
| 5700MHz                        | Pass   | 7.78        | 2.36                | 2.71                | 5.42            | 9.22                  | 13.20                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 7.78        | 5.83                | 6.25                | 9.05            | 9.22                  | 16.83                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 7.78        | 2.29                | 2.62                | 5.25            | 28.22                 | 13.03                | 36.00                      |
| 802.11ac_VHT20_Nss2,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz                        | Pass   | 4.77        | 5.89                | 5.96                | 8.86            | 11.00                 | 13.63                | 17.00                      |
| 5280MHz                        | Pass   | 4.77        | 5.73                | 5.68                | 8.65            | 11.00                 | 13.42                | 17.00                      |
| 5300MHz                        | Pass   | 4.77        | 6.05                | 6.13                | 8.97            | 11.00                 | 13.74                | 17.00                      |
| 5320MHz                        | Pass   | 4.77        | 3.56                | 3.69                | 6.59            | 11.00                 | 11.36                | 17.00                      |
| 5500MHz                        | Pass   | 4.77        | 4.97                | 5.38                | 8.06            | 11.00                 | 12.83                | 17.00                      |
| 5520MHz                        | Pass   | 4.77        | 5.86                | 6.00                | 8.85            | 11.00                 | 13.62                | 17.00                      |
| 5540MHz                        | Pass   | 4.77        | 5.62                | 5.41                | 8.40            | 11.00                 | 13.17                | 17.00                      |
| 5560MHz                        | Pass   | 4.77        | 6.21                | 5.72                | 8.85            | 11.00                 | 13.62                | 17.00                      |
| 5580MHz                        | Pass   | 4.77        | 5.48                | 5.67                | 8.53            | 11.00                 | 13.30                | 17.00                      |
| 5660MHz                        | Pass   | 4.77        | 5.83                | 6.11                | 8.88            | 11.00                 | 13.65                | 17.00                      |
| 5680MHz                        | Pass   | 4.77        | 6.50                | 7.15                | 9.75            | 11.00                 | 14.52                | 17.00                      |
| 5700MHz                        | Pass   | 4.77        | 3.38                | 3.75                | 6.51            | 11.00                 | 11.28                | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | 4.77        | 7.59                | 7.88                | 10.65           | 11.00                 | 15.42                | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz | Pass   | 4.77        | 9.07                | 9.36                | 12.22           | 30.00                 | 16.99                | 36.00                      |
| 802.11ac_VHT40_Nss2,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz                        | Pass   | 4.77        | 3.12                | 3.24                | 5.99            | 11.00                 | 10.76                | 17.00                      |
| 5310MHz                        | Pass   | 4.77        | 1.42                | 1.77                | 3.98            | 11.00                 | 8.75                 | 17.00                      |
| 5510MHz                        | Pass   | 4.77        | 0.19                | 0.66                | 3.28            | 11.00                 | 8.05                 | 17.00                      |
| 5550MHz                        | Pass   | 4.77        | 3.31                | 2.79                | 6.02            | 11.00                 | 10.79                | 17.00                      |
| 5670MHz                        | Pass   | 4.77        | 2.41                | 3.02                | 5.60            | 11.00                 | 10.37                | 17.00                      |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | 4.77        | 3.56                | 3.99                | 6.64            | 11.00                 | 11.41                | 17.00                      |
| 5710MHz Straddle 5.725-5.85GHz | Pass   | 4.77        | -1.28               | -0.70               | 2.01            | 30.00                 | 6.78                 | 36.00                      |
| 802.11ac_VHT80_Nss2,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz                        | Pass   | 4.77        | -3.27               | -3.55               | -0.82           | 11.00                 | 3.95                 | 17.00                      |
| 5530MHz                        | Pass   | 4.77        | -5.68               | -5.56               | -2.81           | 11.00                 | 1.96                 | 17.00                      |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | 4.77        | 1.40                | 1.04                | 4.19            | 11.00                 | 8.96                 | 17.00                      |
| 5690MHz Straddle 5.725-5.85GHz | Pass   | 4.77        | -3.67               | -3.21               | -0.96           | 30.00                 | 3.81                 | 36.00                      |

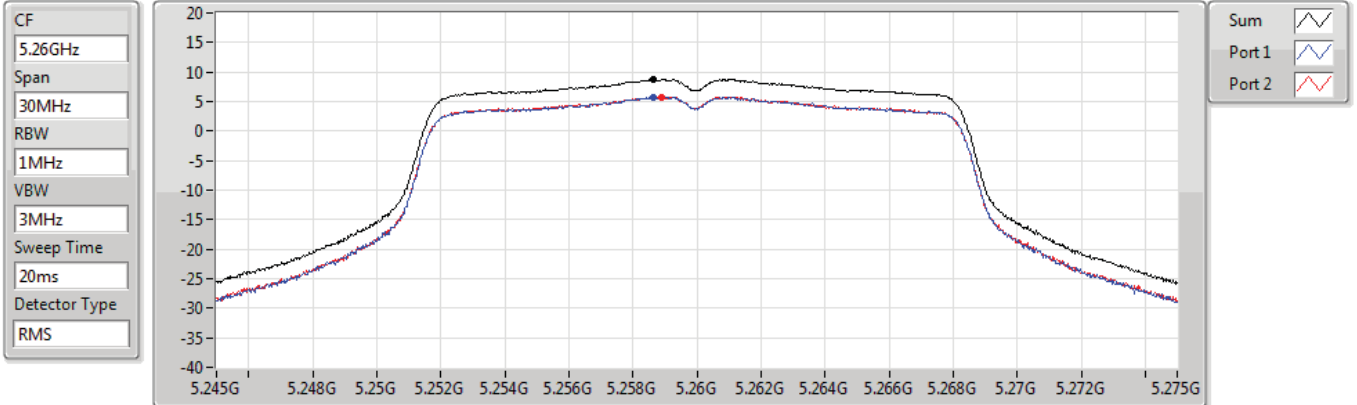
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

## PSD

5260MHz

29/05/2022

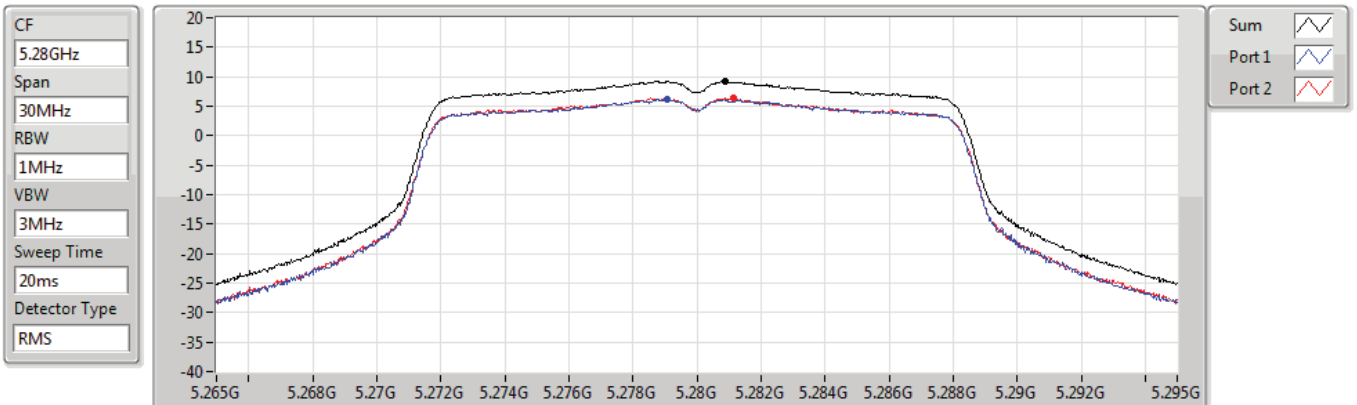


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5280MHz

29/05/2022

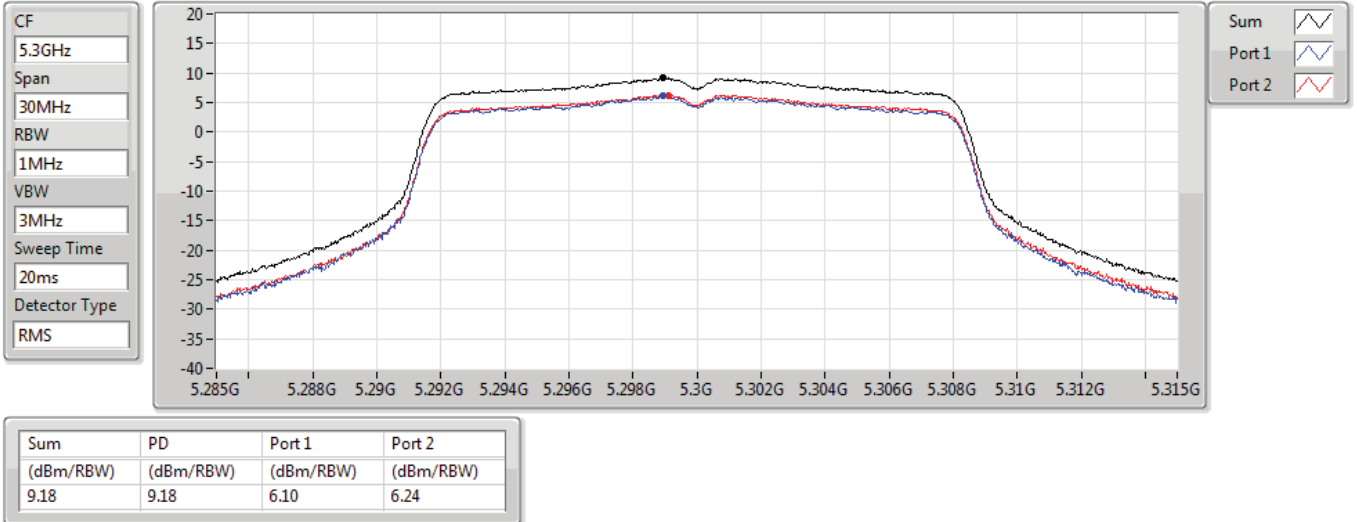


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5300MHz

29/05/2022

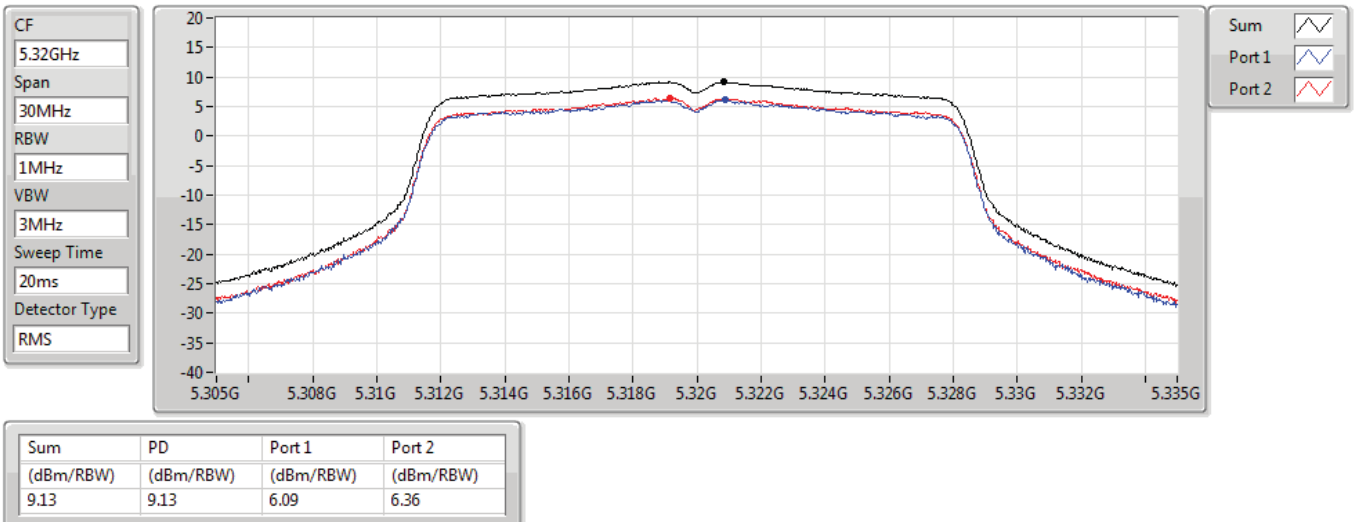


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5320MHz

29/05/2022

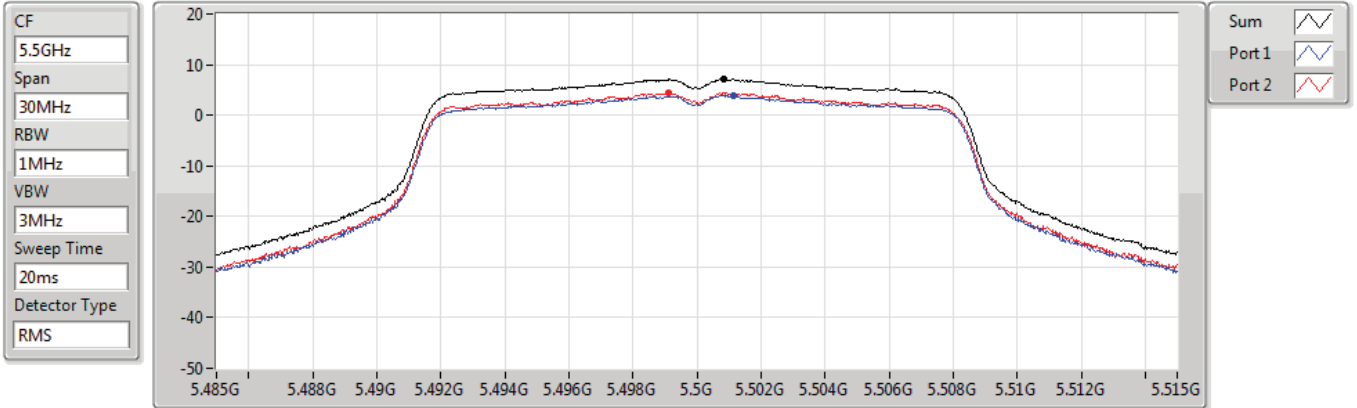


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5500MHz

29/05/2022

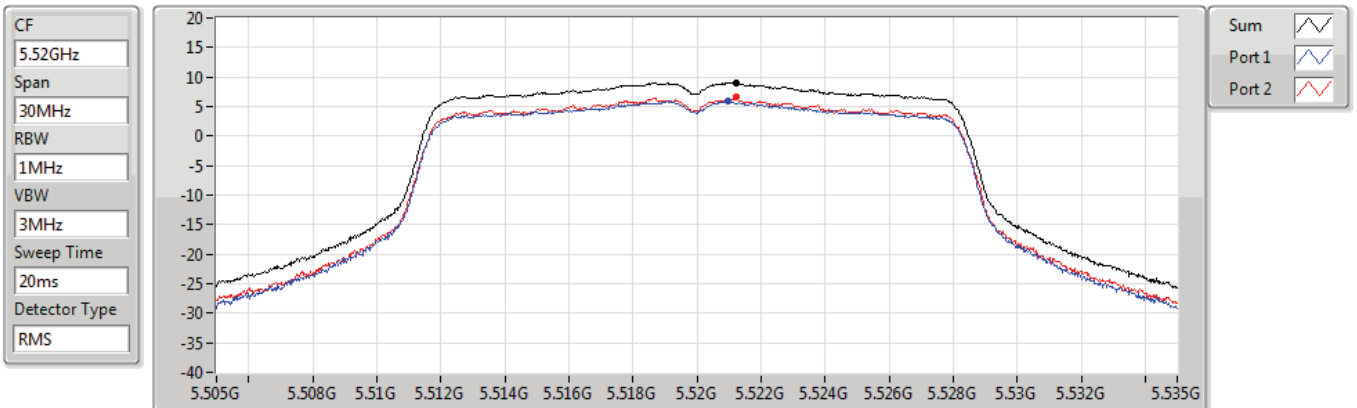


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5520MHz

29/05/2022

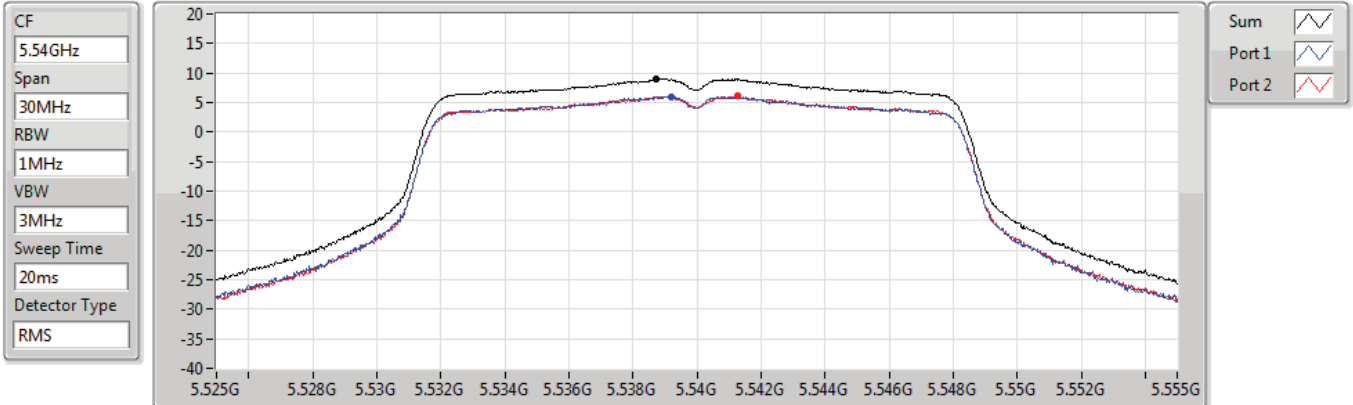


## 802.11a\_Nss1,(6Mbps)\_2TX

## PSD

5540MHz

29/05/2022



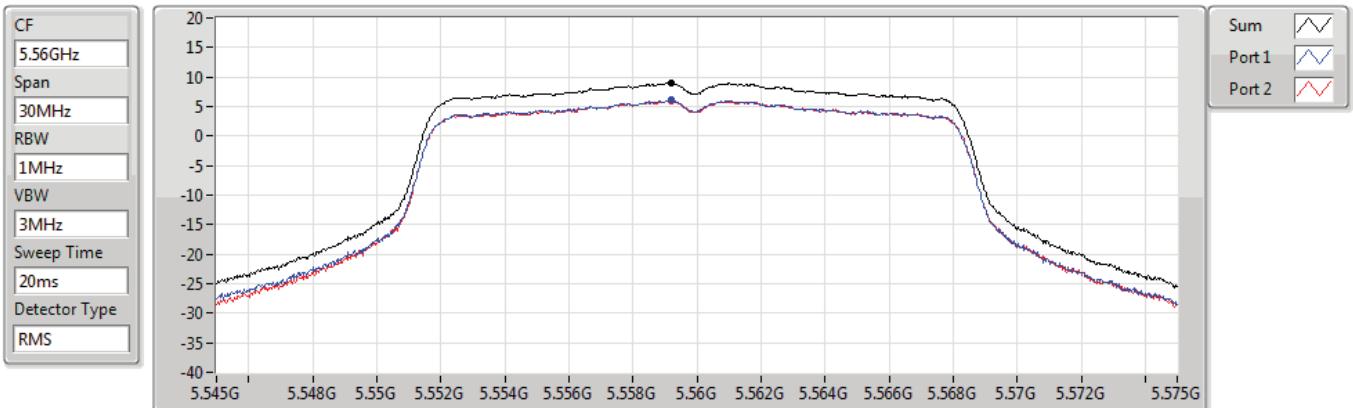
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.99      | 8.99      | 6.01      | 6.08      |

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

## PSD

5560MHz

29/05/2022



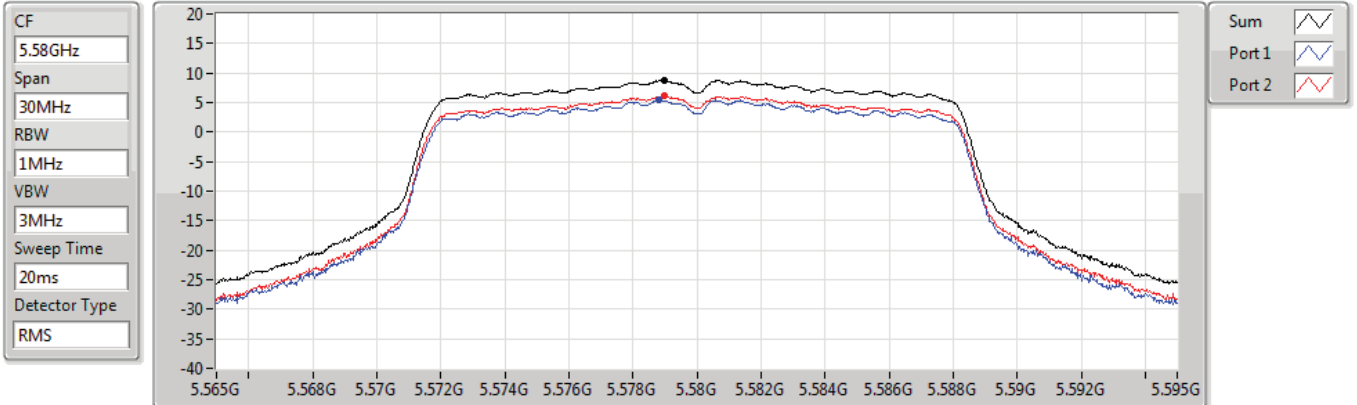
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.06      | 9.06      | 6.07      | 6.02      |

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

## PSD

5580MHz

29/05/2022



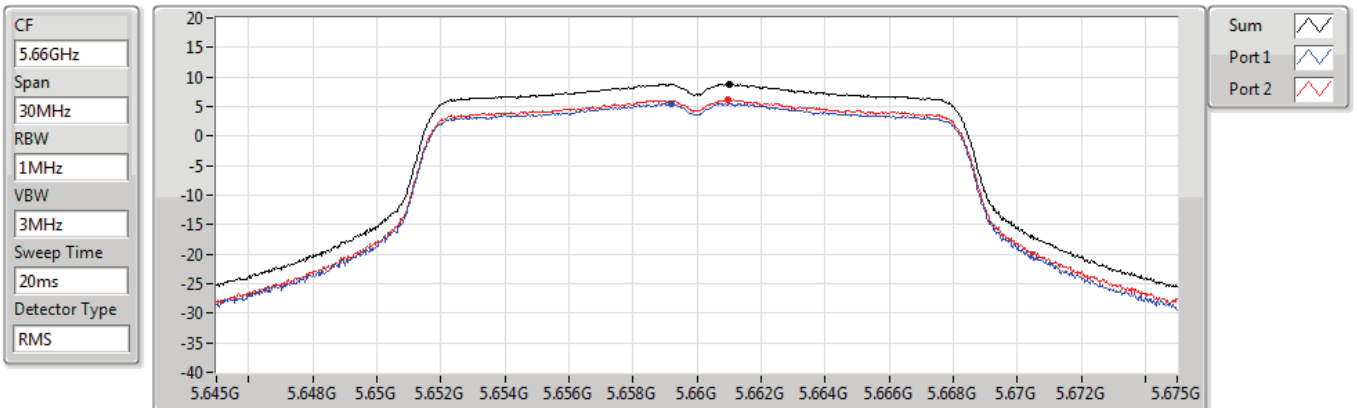
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.74      | 8.74      | 5.53      | 6.14      |

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

## PSD

5660MHz

29/05/2022



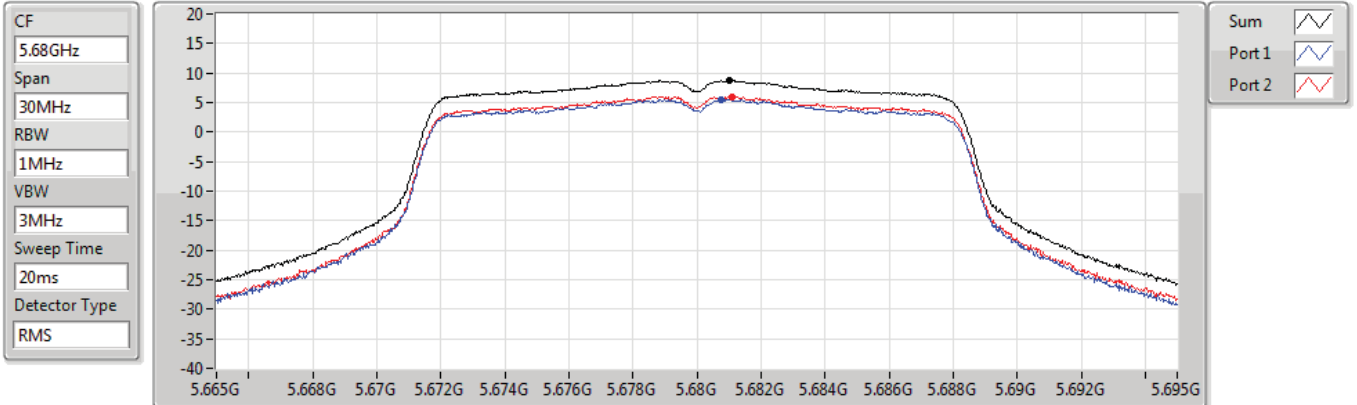
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.80      | 8.80      | 5.54      | 6.17      |

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

## PSD

5680MHz

29/05/2022



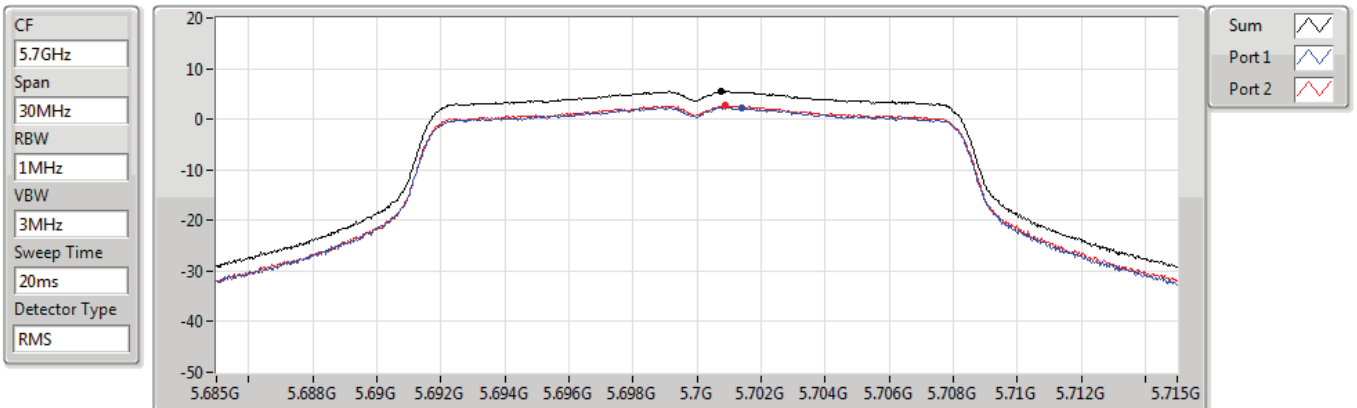
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.73      | 8.73      | 5.57      | 6.04      |

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

## PSD

5700MHz

29/05/2022



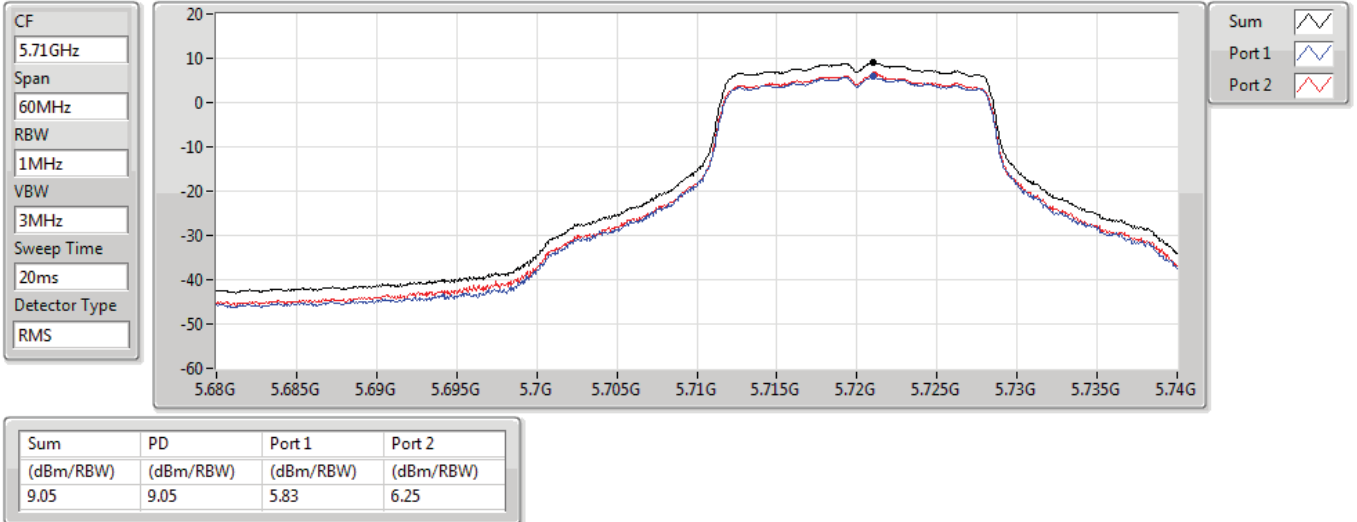
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.42      | 5.42      | 2.36      | 2.71      |

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

### 5720MHz Straddle 5.47-5.725GHz

## PSD

29/05/2022

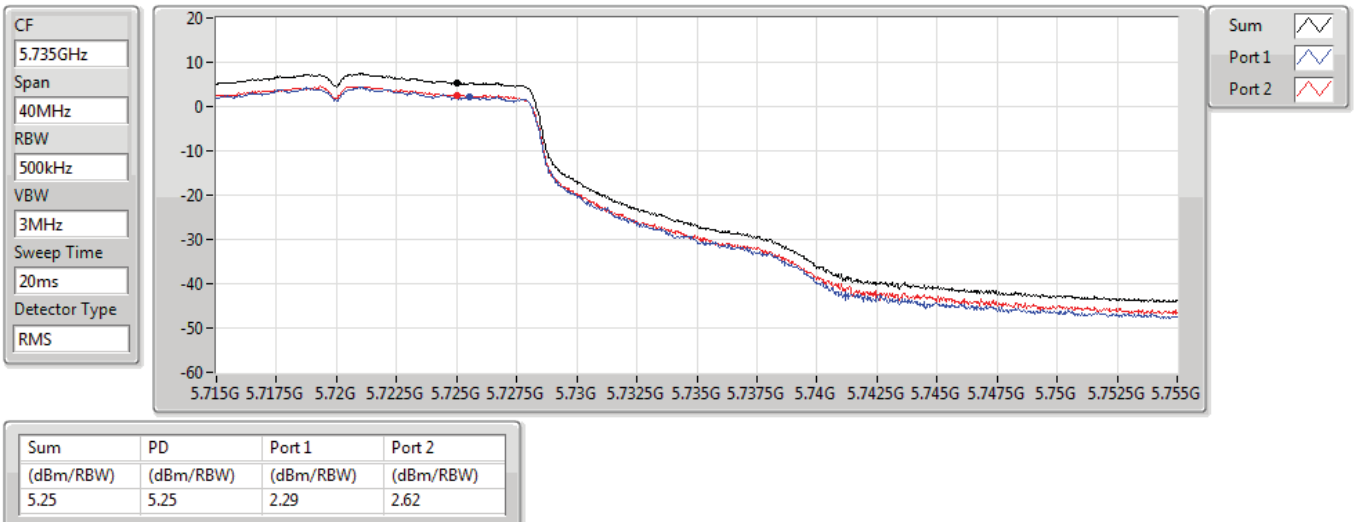


## 802.11a\_Nss1,(6Mbps)\_2TX

### 5720MHz Straddle 5.725-5.85GHz

## PSD

29/05/2022

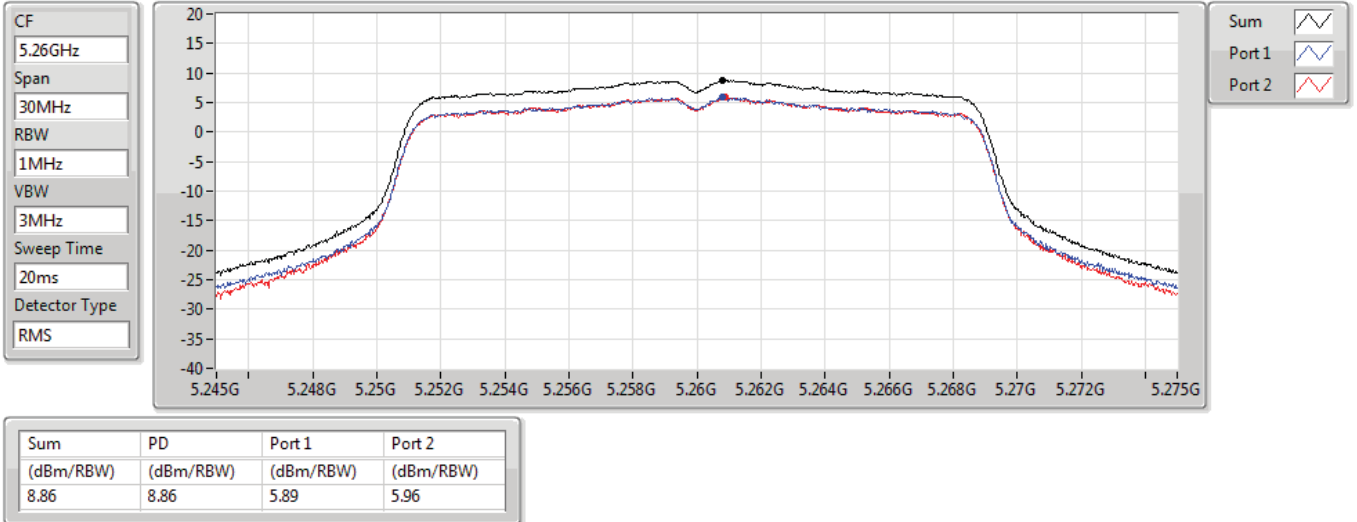


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5260MHz

23/06/2022

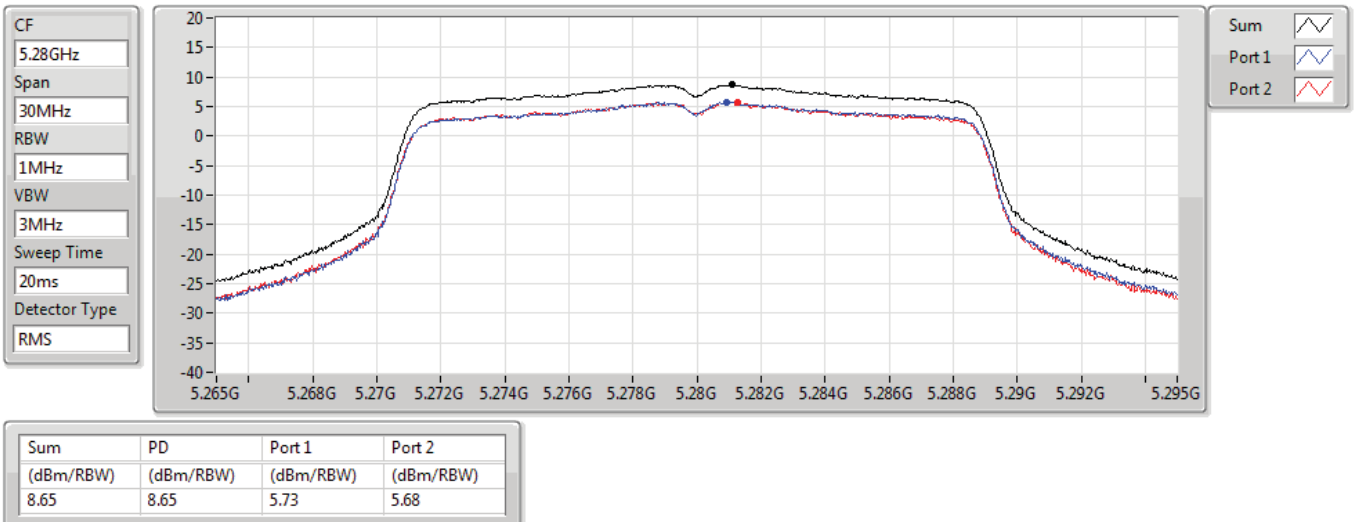


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5280MHz

23/06/2022

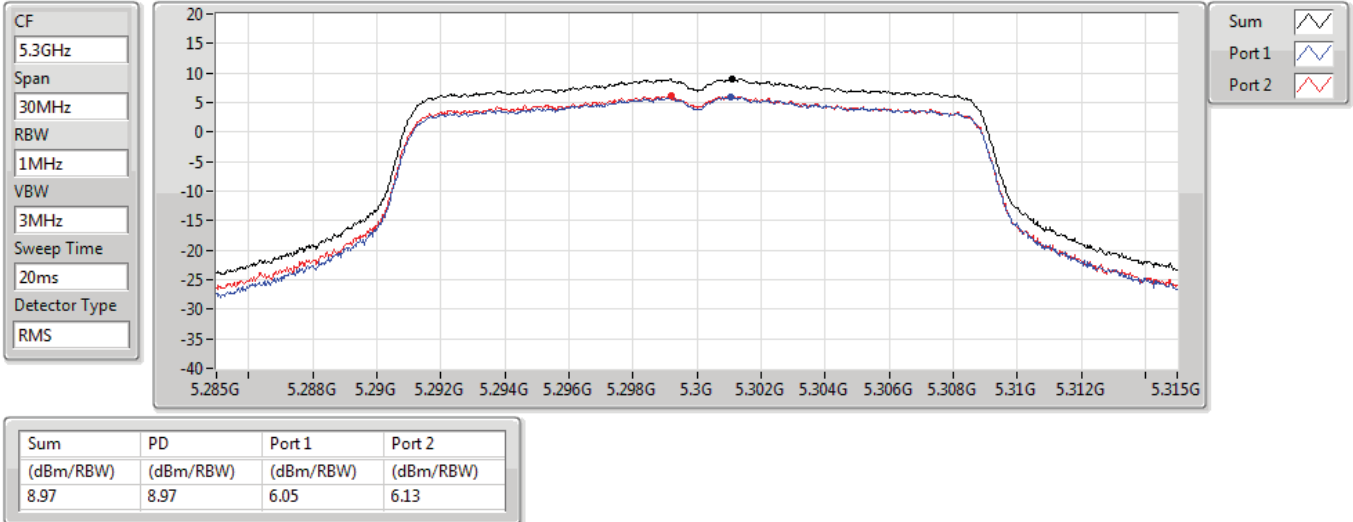


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5300MHz

23/06/2022

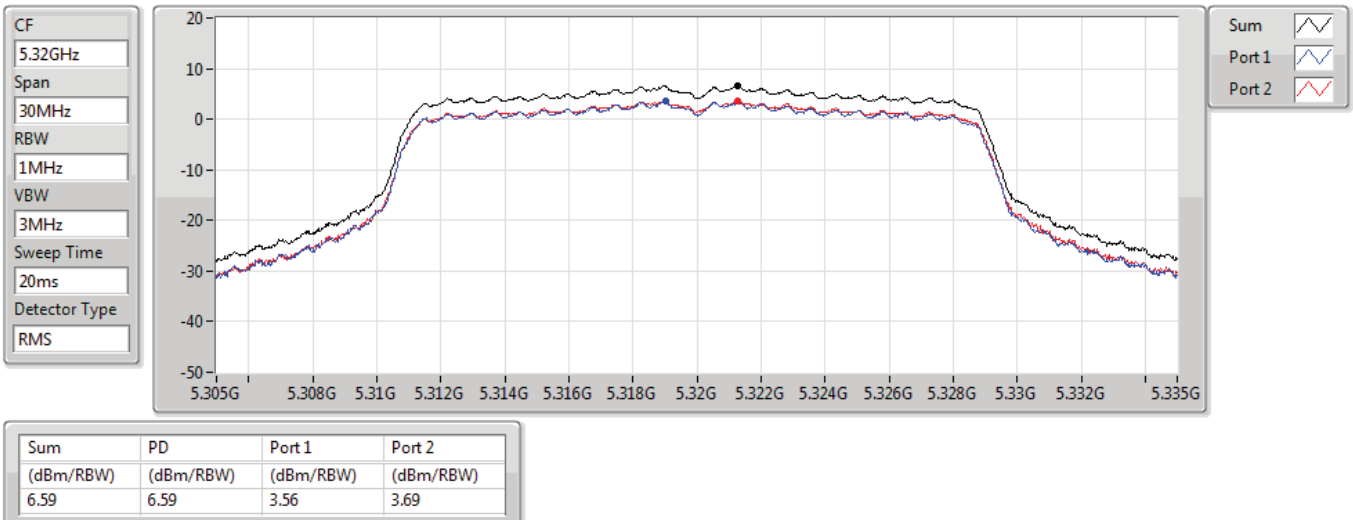


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5320MHz

29/05/2022

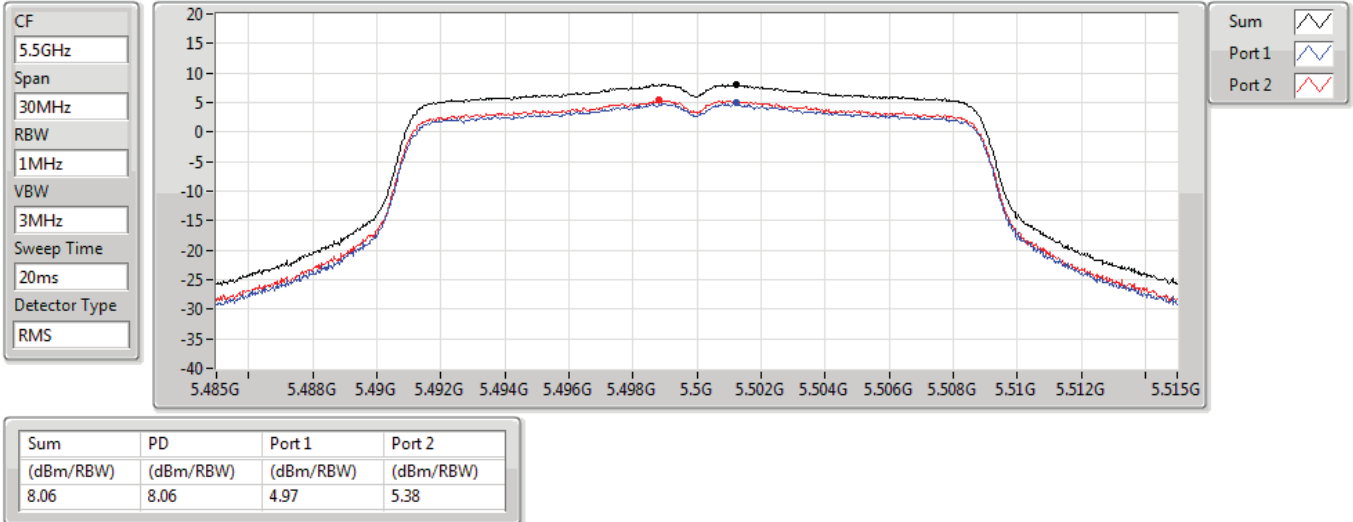


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5500MHz

29/05/2022

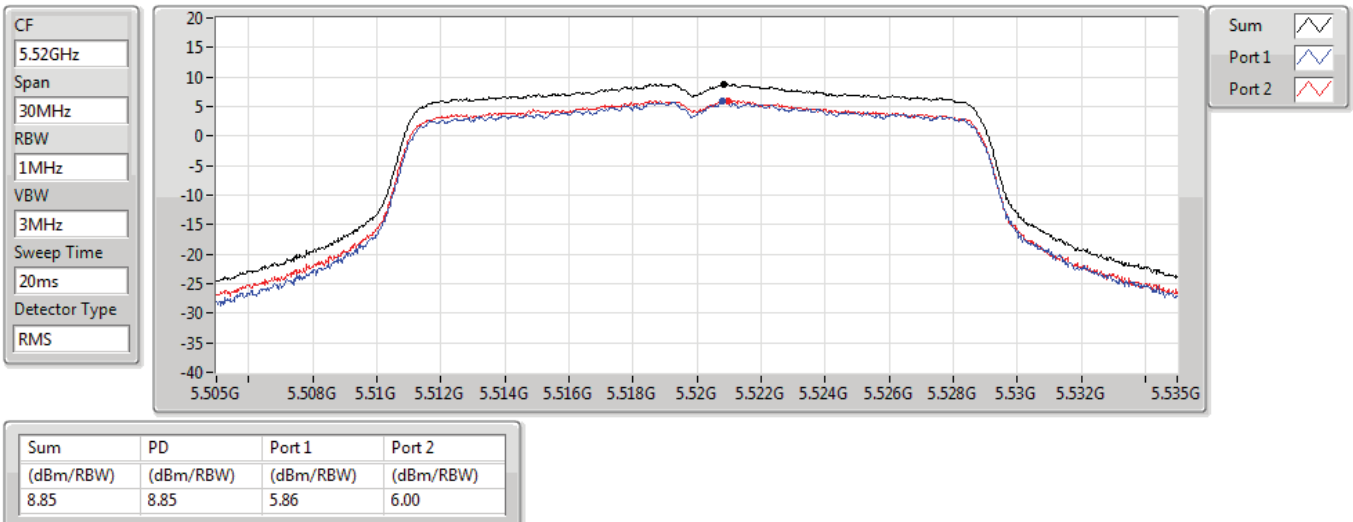


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5520MHz

23/06/2022

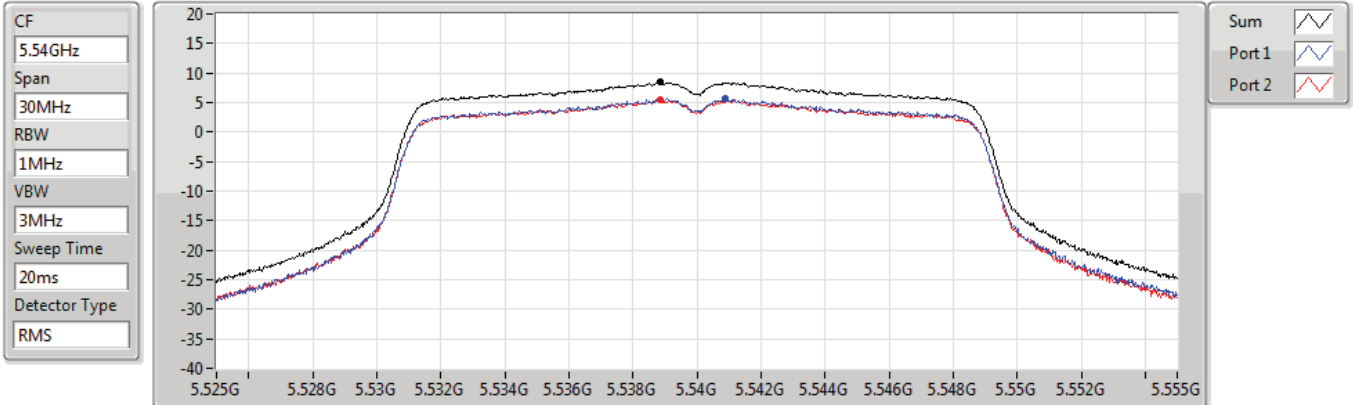


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5540MHz

23/06/2022



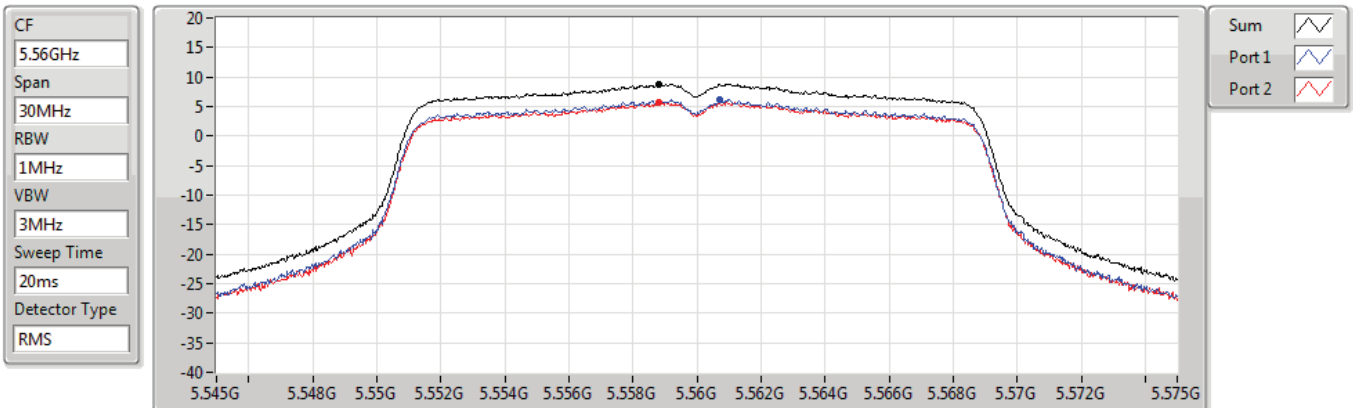
| Sum         | PD          | Port 1      | Port 2      |
|-------------|-------------|-------------|-------------|
| (dBm/100Hz) | (dBm/100Hz) | (dBm/100Hz) | (dBm/100Hz) |
| 8.40        | 8.40        | 5.62        | 5.41        |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5560MHz

23/06/2022



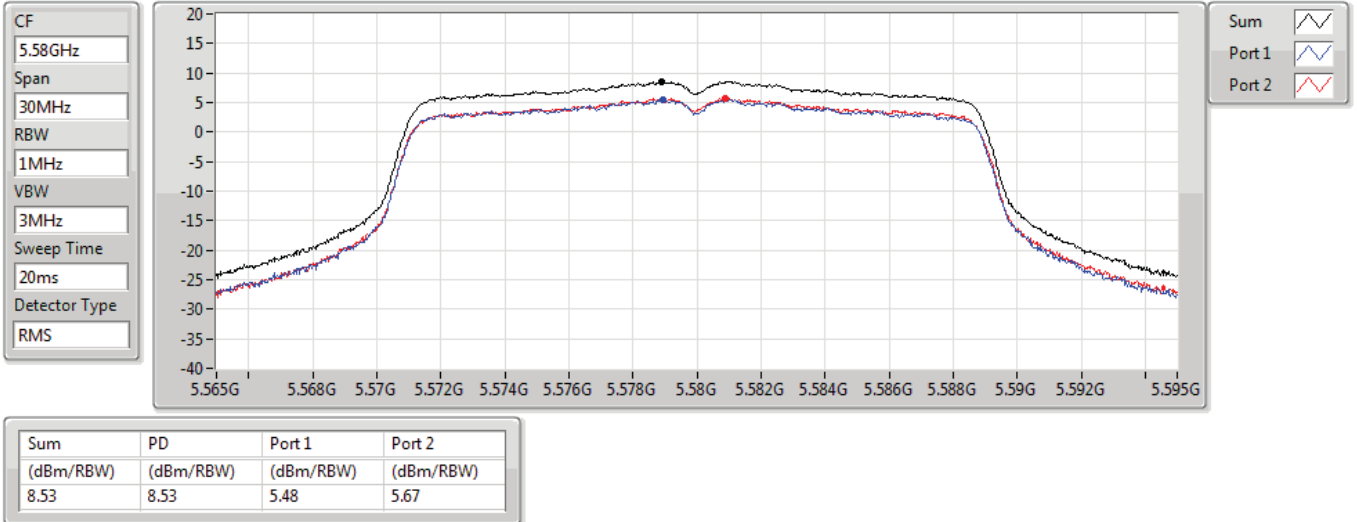
| Sum         | PD          | Port 1      | Port 2      |
|-------------|-------------|-------------|-------------|
| (dBm/100Hz) | (dBm/100Hz) | (dBm/100Hz) | (dBm/100Hz) |
| 8.85        | 8.85        | 6.21        | 5.72        |

# 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5580MHz

23/06/2022

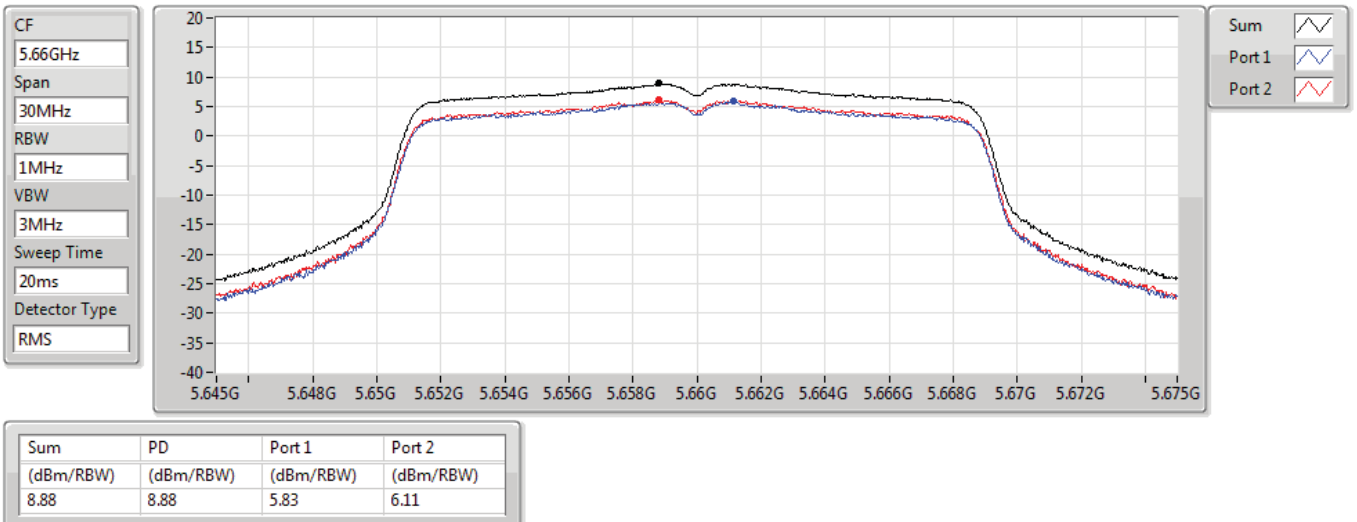


# 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5660MHz

23/06/2022

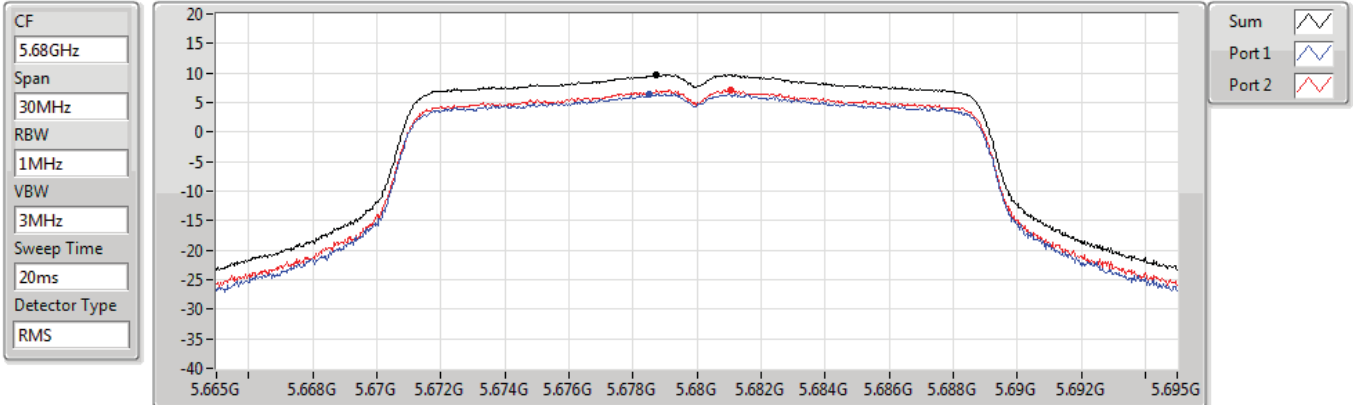


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5680MHz

29/05/2022

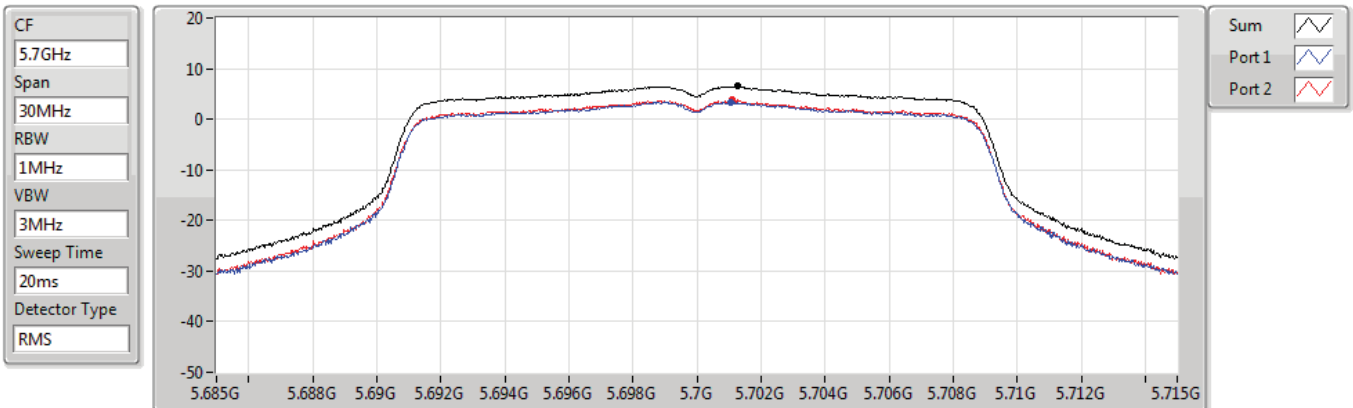


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

## PSD

5700MHz

29/05/2022

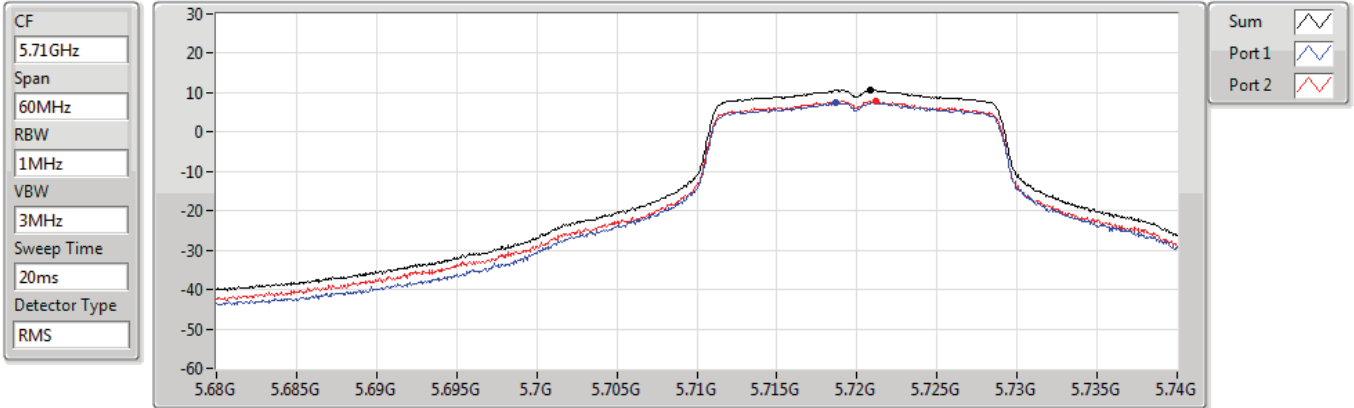


## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5720MHz Straddle 5.47-5.725GHz

PSD

29/05/2022



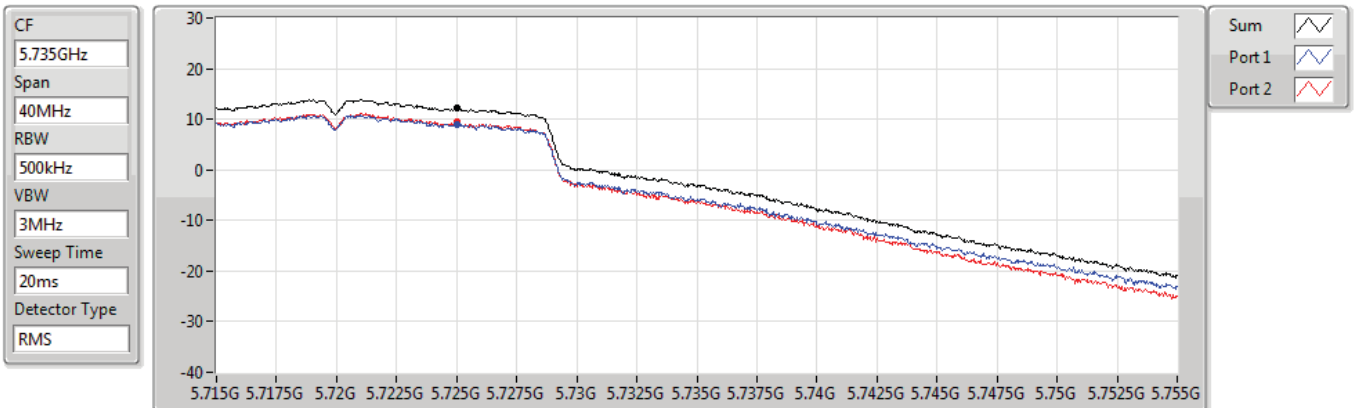
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 10.65     | 10.65     | 7.59      | 7.88      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5720MHz Straddle 5.725-5.85GHz

PSD

29/05/2022



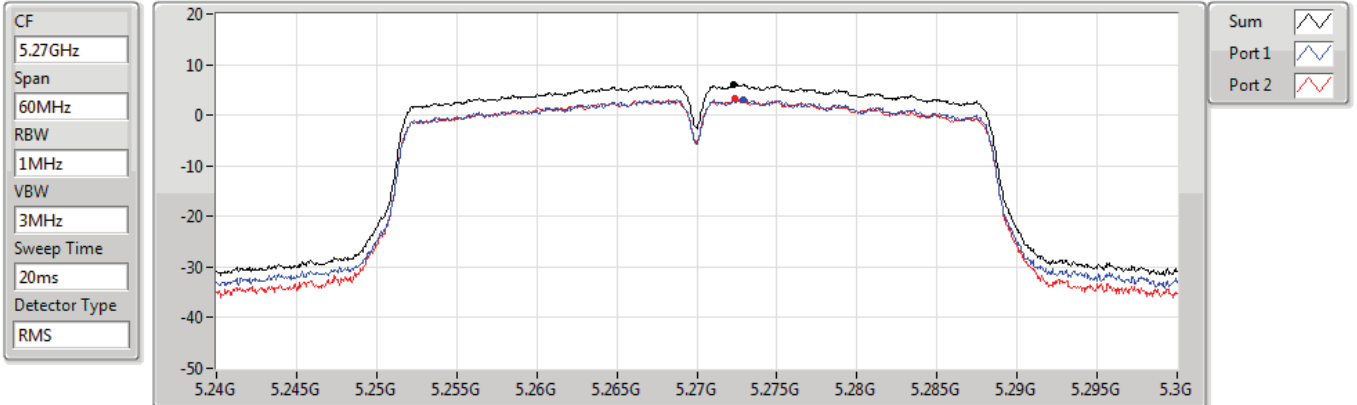
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.22     | 12.22     | 9.07      | 9.36      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

5270MHz

23/06/2022

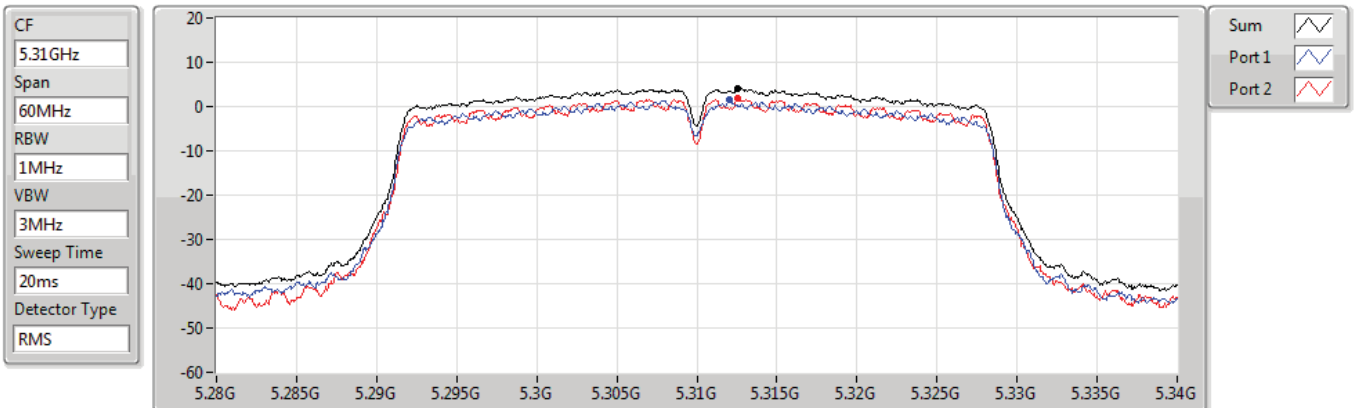


## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

5310MHz

29/05/2022

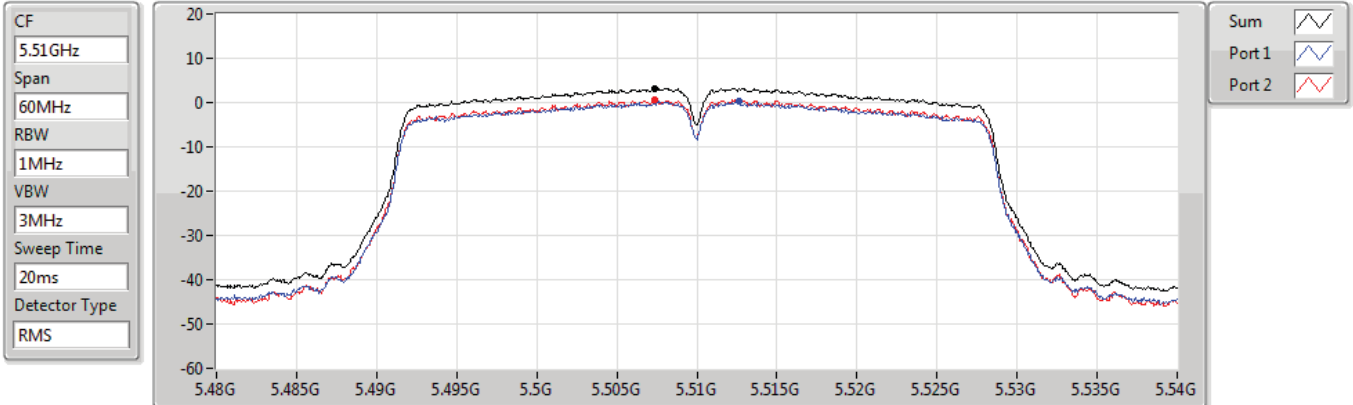


## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

5510MHz

29/05/2022



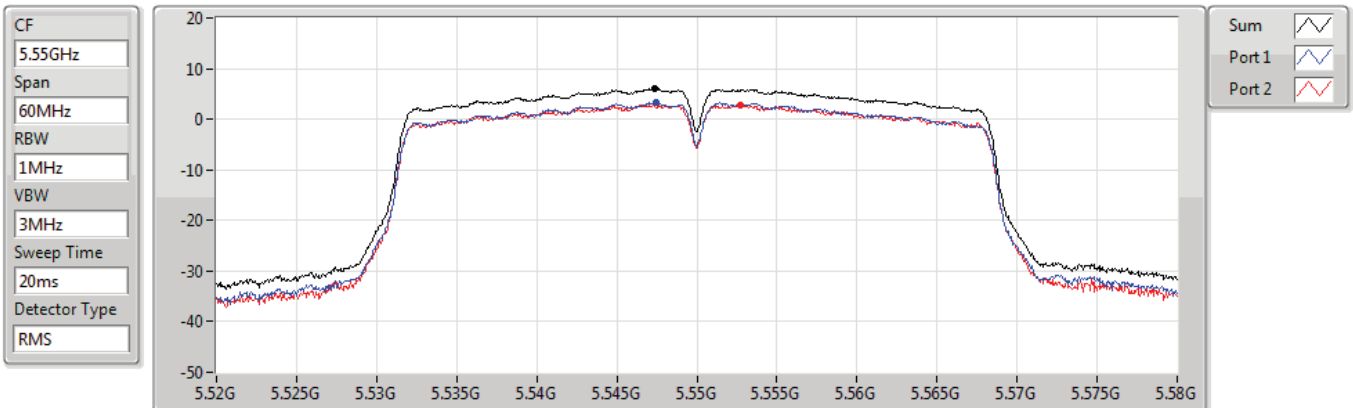
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.28      | 3.28      | 0.19      | 0.66      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

5550MHz

23/06/2022



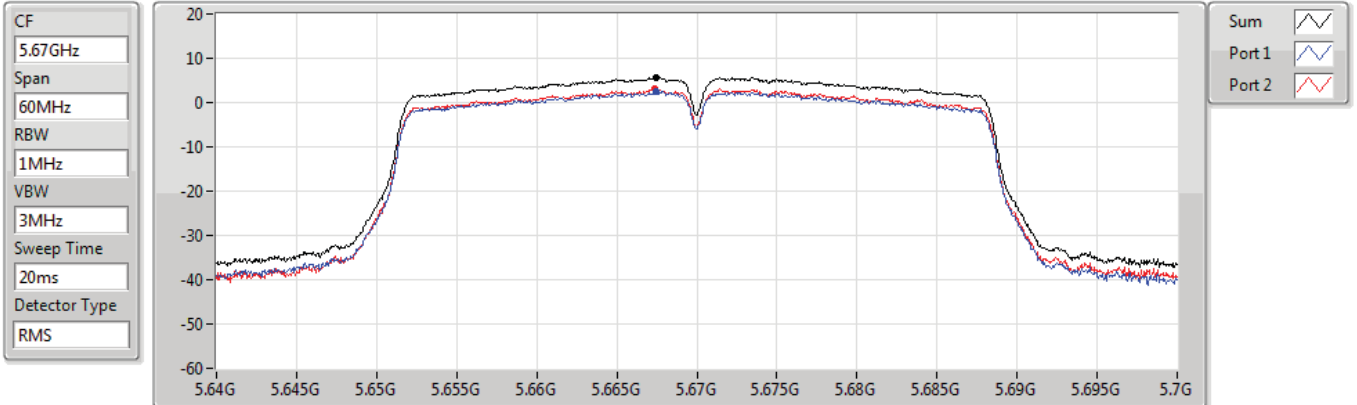
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.02      | 6.02      | 3.31      | 2.79      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

5670MHz

29/05/2022



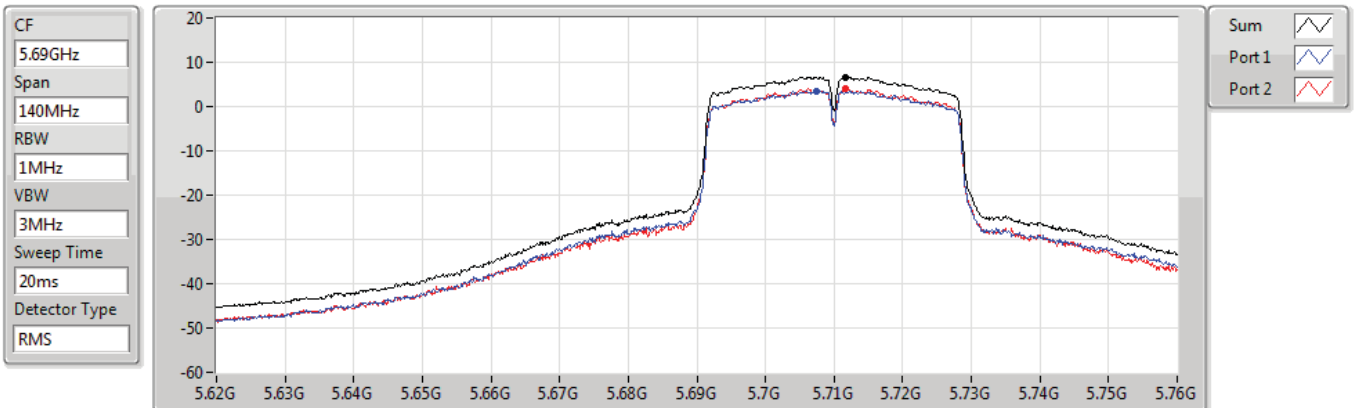
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.60      | 5.60      | 2.41      | 3.02      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

5710MHz Straddle 5.47-5.725GHz

23/06/2022



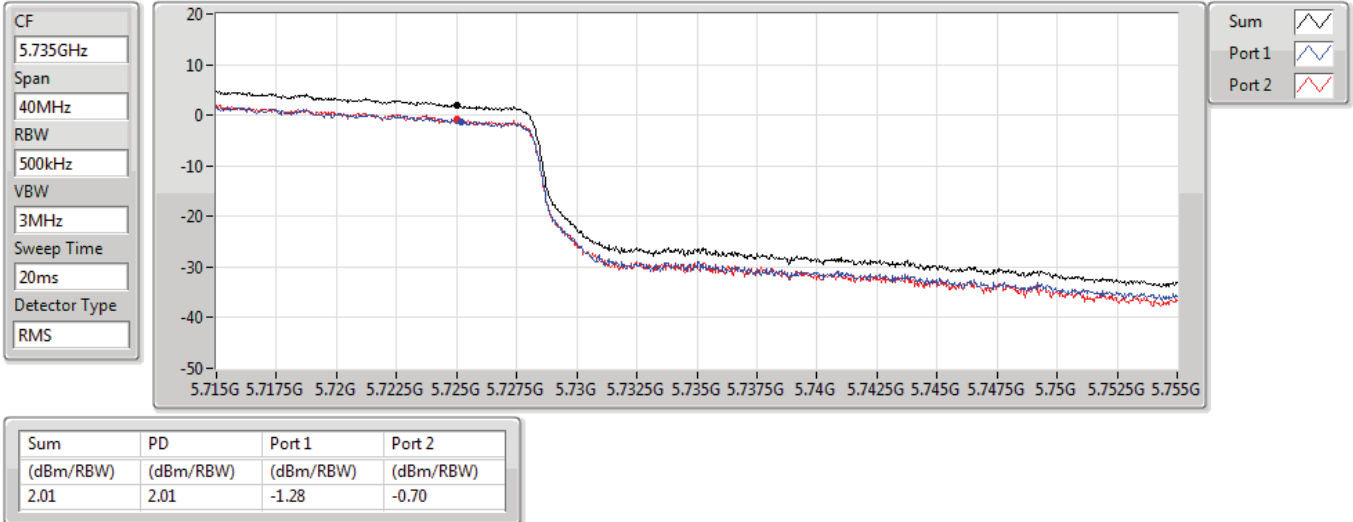
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.64      | 6.64      | 3.56      | 3.99      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

## PSD

### 5710MHz Straddle 5.725-5.85GHz

23/06/2022

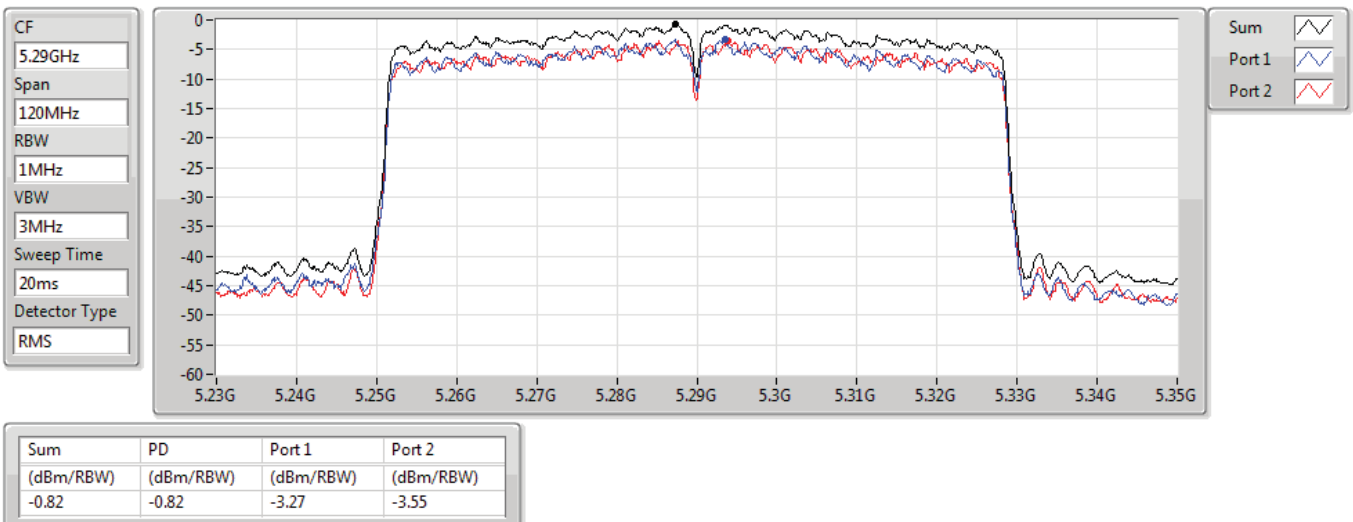


## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

## PSD

### 5290MHz

29/05/2022

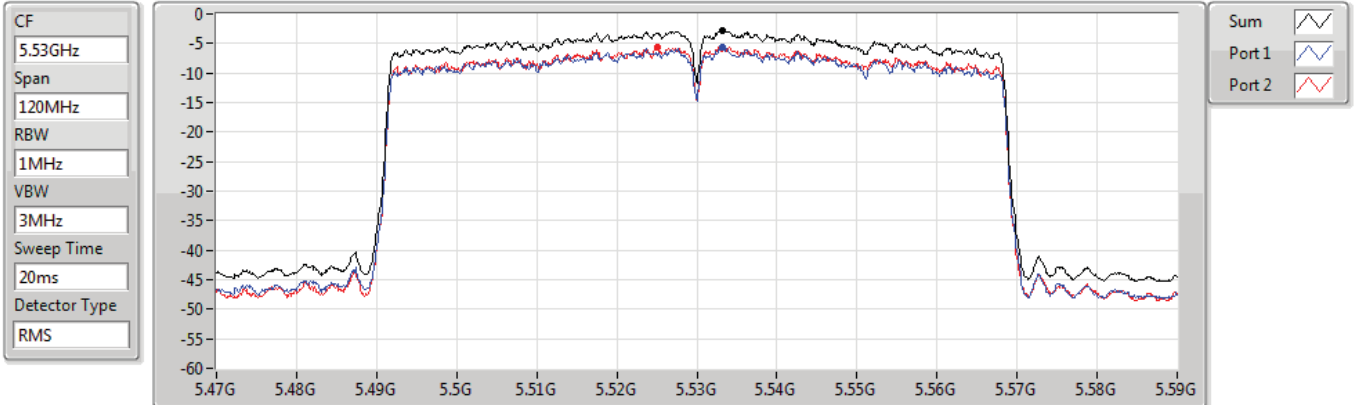


## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

## PSD

5530MHz

29/05/2022

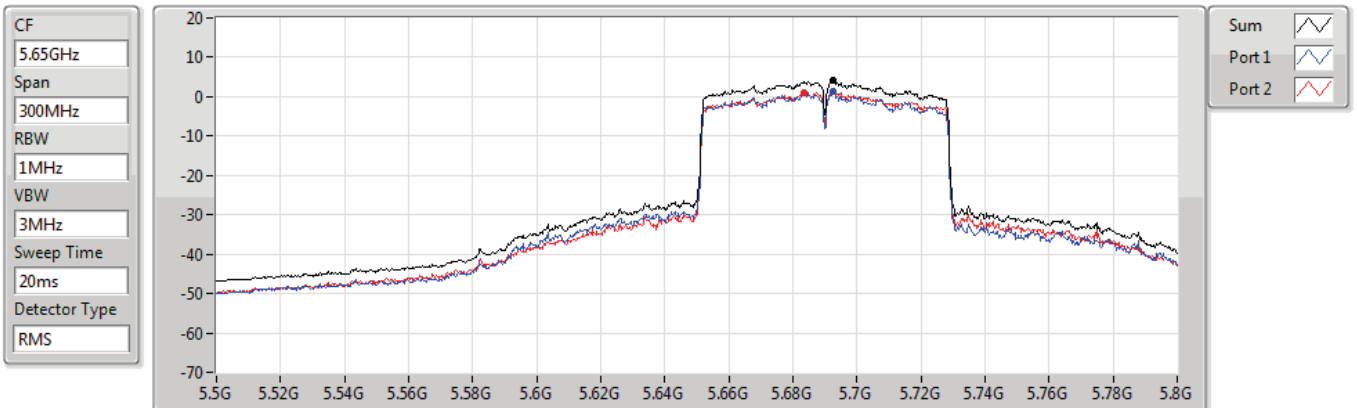


## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

## PSD

5690MHz Straddle 5.47-5.725GHz

23/06/2022

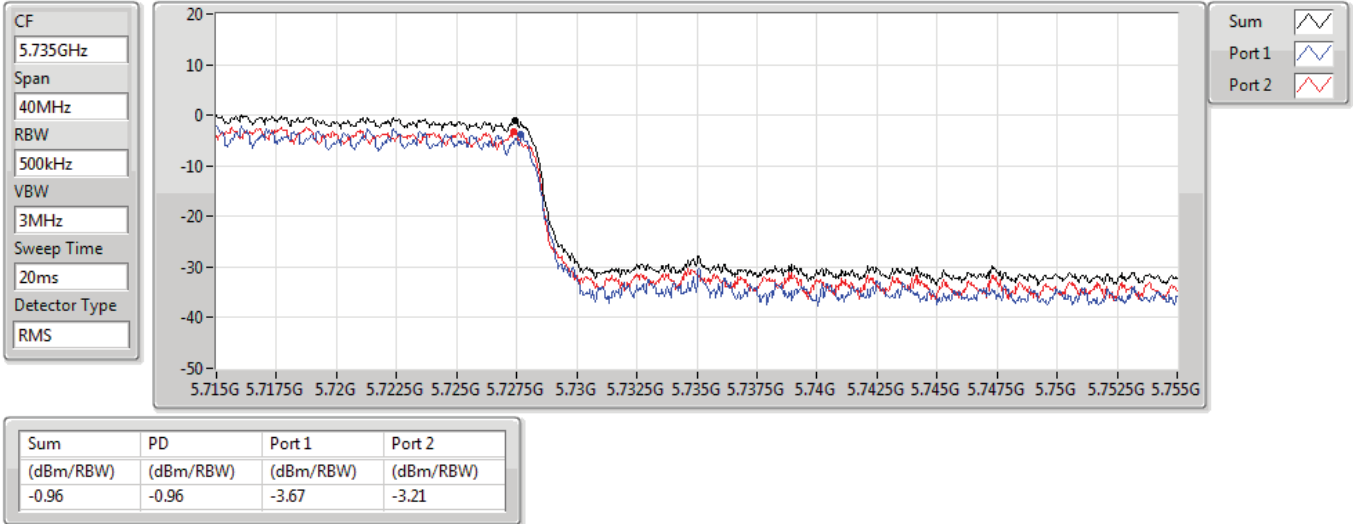


## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### 5690MHz Straddle 5.725-5.85GHz

## PSD

23/06/2022





**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.47-5.725GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | Pass   | QP   | 130.88M      | 35.19             | 43.50             | -8.31          | 3           | Horizontal | 331            | 1.00          | -        |

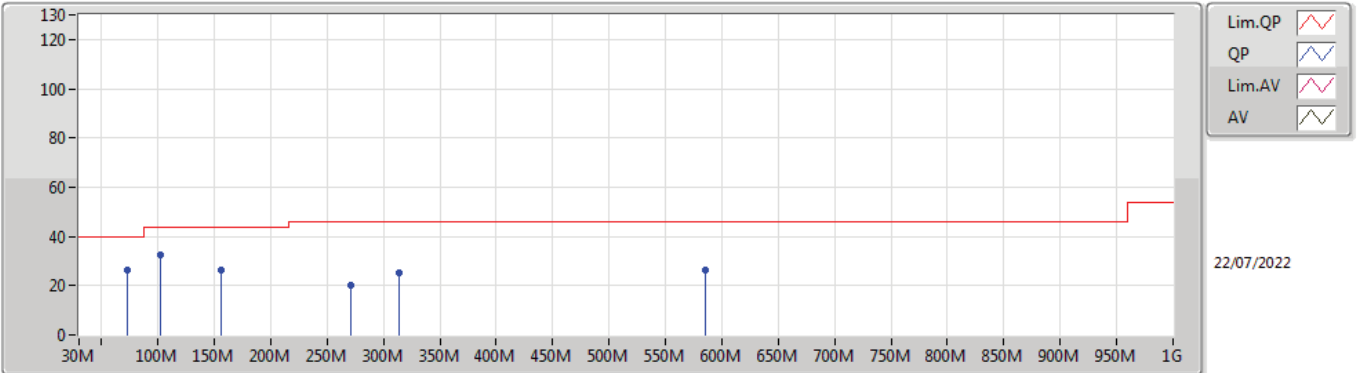


Result

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ac VHT80_Nss2(MCS0)_2TX  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 72.68M       | 26.55             | 40.00             | -13.45         | 3           | Vertical   | 0              | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 101.78M      | 32.51             | 43.50             | -10.99         | 3           | Vertical   | 0              | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 156.1M       | 26.34             | 43.50             | -17.16         | 3           | Vertical   | 0              | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 270.56M      | 20.14             | 46.00             | -25.86         | 3           | Vertical   | 0              | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 313.24M      | 24.99             | 46.00             | -21.01         | 3           | Vertical   | 0              | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 584.84M      | 26.55             | 46.00             | -19.45         | 3           | Vertical   | 0              | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | QP   | 130.88M      | 35.19             | 43.50             | -8.31          | 3           | Horizontal | 331            | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 181.32M      | 34.94             | 43.50             | -8.56          | 3           | Horizontal | 360            | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 270.56M      | 32.30             | 46.00             | -13.70         | 3           | Horizontal | 360            | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 313.24M      | 32.67             | 46.00             | -13.33         | 3           | Horizontal | 360            | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 367.56M      | 31.84             | 46.00             | -14.16         | 3           | Horizontal | 360            | 1.00          | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 584.84M      | 27.17             | 46.00             | -18.83         | 3           | Horizontal | 360            | 1.00          | -        |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

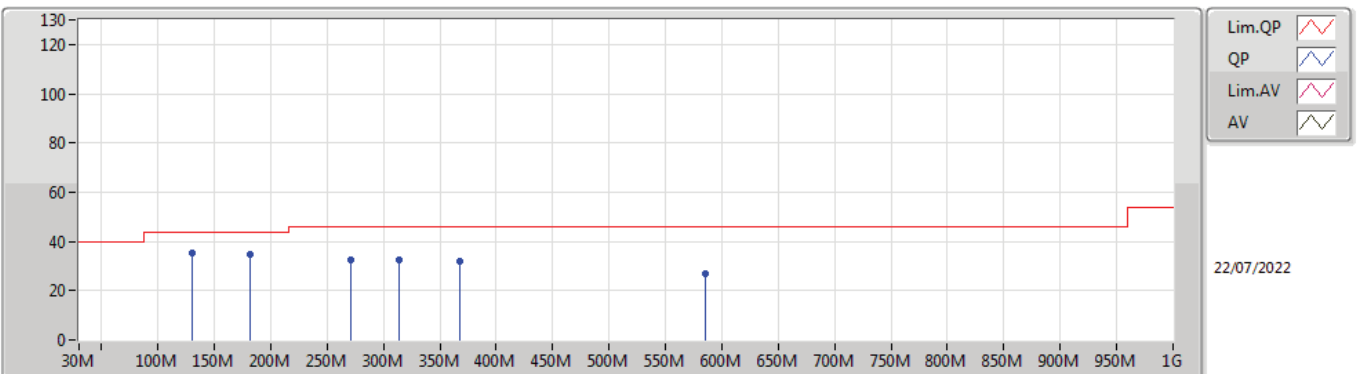
### 5690MHz Straddle 5.47-5.725GHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 72.68M       | 26.55             | 40.00             | -13.45         | -24.42         | 3           | Vertical  | 0              | 1.00          | -       | 50.97         | 11.74      | 0.78       | 36.94      |
| PK   | 101.78M      | 32.51             | 43.50             | -10.99         | -20.16         | 3           | Vertical  | 0              | 1.00          | -       | 52.67         | 15.51      | 0.97       | 36.64      |
| PK   | 156.1M       | 26.34             | 43.50             | -17.16         | -19.11         | 3           | Vertical  | 0              | 1.00          | -       | 45.45         | 15.96      | 1.35       | 36.42      |
| PK   | 270.56M      | 20.14             | 46.00             | -25.86         | -16.61         | 3           | Vertical  | 0              | 1.00          | -       | 36.75         | 18.24      | 1.60       | 36.45      |
| PK   | 313.24M      | 24.99             | 46.00             | -21.01         | -16.21         | 3           | Vertical  | 0              | 1.00          | -       | 41.20         | 18.47      | 1.76       | 36.44      |
| PK   | 584.84M      | 26.55             | 46.00             | -19.45         | -9.64          | 3           | Vertical  | 0              | 1.00          | -       | 36.19         | 24.84      | 2.62       | 37.10      |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### 5690MHz Straddle 5.47-5.725GHz\_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) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| QP   | 130.88M      | 35.19             | 43.50             | -8.31          | -18.46         | 3           | Horizontal | 331            | 1.00          | -       | 53.65         | 16.84      | 1.23       | 36.53      |
| PK   | 181.32M      | 34.94             | 43.50             | -8.56          | -20.90         | 3           | Horizontal | 360            | 1.00          | -       | 55.84         | 14.21      | 1.36       | 36.47      |
| PK   | 270.56M      | 32.30             | 46.00             | -13.70         | -16.61         | 3           | Horizontal | 360            | 1.00          | -       | 48.91         | 18.24      | 1.60       | 36.45      |
| PK   | 313.24M      | 32.67             | 46.00             | -13.33         | -16.21         | 3           | Horizontal | 360            | 1.00          | -       | 48.88         | 18.47      | 1.76       | 36.44      |
| PK   | 367.56M      | 31.84             | 46.00             | -14.16         | -14.65         | 3           | Horizontal | 360            | 1.00          | -       | 46.49         | 19.94      | 1.93       | 36.52      |
| PK   | 584.84M      | 27.17             | 46.00             | -18.83         | -9.64          | 3           | Horizontal | 360            | 1.00          | -       | 36.81         | 24.84      | 2.62       | 37.10      |

**Summary**

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.25-5.35GHz                   | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1.(6Mbps)_2TX       | Pass   | AV   | 5.3506G      | 53.76             | 54.00             | -0.24          | 3           | Horizontal | 303            | 2.80          | -        |
| 802.11ac VHT20_Nss2.(MCS0)_2TX | Pass   | AV   | 5.3508G      | 53.89             | 54.00             | -0.11          | 3           | Horizontal | 226            | 2.97          | -        |
| 802.11ac VHT40_Nss2.(MCS0)_2TX | Pass   | AV   | 5.3508G      | 53.65             | 54.00             | -0.35          | 3           | Horizontal | 331            | 2.71          | -        |
| 802.11ac VHT80_Nss2.(MCS0)_2TX | Pass   | AV   | 5.35G        | 53.81             | 54.00             | -0.19          | 3           | Horizontal | 270            | 1.01          | -        |
| 5.47-5.725GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1.(6Mbps)_2TX       | Pass   | PK   | 5.7252G      | 68.09             | 68.20             | -0.11          | 3           | Horizontal | 334            | 2.65          | -        |
| 802.11ac VHT20_Nss2.(MCS0)_2TX | Pass   | AV   | 11.44082G    | 53.82             | 54.00             | -0.18          | 3           | Horizontal | 35             | 1.02          | -        |
| 802.11ac VHT40_Nss2.(MCS0)_2TX | Pass   | PK   | 5.8624G      | 67.81             | 68.20             | -0.39          | 3           | Horizontal | 340            | 2.60          | -        |
| 802.11ac VHT80_Nss2.(MCS0)_2TX | Pass   | AV   | 5.454G       | 53.79             | 54.00             | -0.21          | 3           | Horizontal | 268            | 1.00          | -        |



## 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 | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5260MHz                  | Pass   | AV   | 5.15G     | 48.47          | 54.00          | -5.53       | 3        | Vertical   | 311         | 2.54       | -        |
| 5260MHz                  | Pass   | AV   | 5.2606G   | 110.39         | Inf            | -Inf        | 3        | Vertical   | 311         | 2.54       | -        |
| 5260MHz                  | Pass   | AV   | 5.35G     | 49.01          | 54.00          | -4.99       | 3        | Vertical   | 311         | 2.54       | -        |
| 5260MHz                  | Pass   | PK   | 5.1454G   | 58.76          | 74.00          | -15.24      | 3        | Vertical   | 311         | 2.54       | -        |
| 5260MHz                  | Pass   | PK   | 5.2606G   | 118.87         | Inf            | -Inf        | 3        | Vertical   | 311         | 2.54       | -        |
| 5260MHz                  | Pass   | PK   | 5.3506G   | 62.19          | 74.00          | -11.81      | 3        | Vertical   | 311         | 2.54       | -        |
| 5260MHz                  | Pass   | AV   | 5.1496G   | 49.75          | 54.00          | -4.25       | 3        | Horizontal | 346         | 1.02       | -        |
| 5260MHz                  | Pass   | AV   | 5.2594G   | 113.78         | Inf            | -Inf        | 3        | Horizontal | 346         | 1.02       | -        |
| 5260MHz                  | Pass   | AV   | 5.3518G   | 52.71          | 54.00          | -1.29       | 3        | Horizontal | 346         | 1.02       | -        |
| 5260MHz                  | Pass   | PK   | 5.1496G   | 62.98          | 74.00          | -11.02      | 3        | Horizontal | 346         | 1.02       | -        |
| 5260MHz                  | Pass   | PK   | 5.2594G   | 121.82         | Inf            | -Inf        | 3        | Horizontal | 346         | 1.02       | -        |
| 5260MHz                  | Pass   | PK   | 5.3506G   | 70.59          | 74.00          | -3.41       | 3        | Horizontal | 346         | 1.02       | -        |
| 5260MHz                  | Pass   | AV   | 15.77606G | 47.92          | 54.00          | -6.08       | 3        | Vertical   | 300         | 2.38       | -        |
| 5260MHz                  | Pass   | PK   | 10.52072G | 65.20          | 68.20          | -3.00       | 3        | Vertical   | 317         | 1.20       | -        |
| 5260MHz                  | Pass   | PK   | 15.78138G | 59.46          | 74.00          | -14.54      | 3        | Vertical   | 300         | 2.38       | -        |
| 5260MHz                  | Pass   | AV   | 15.78144G | 49.06          | 54.00          | -4.94       | 3        | Horizontal | 129         | 1.09       | -        |
| 5260MHz                  | Pass   | PK   | 10.51788G | 67.02          | 68.20          | -1.18       | 3        | Horizontal | 120         | 1.00       | -        |
| 5260MHz                  | Pass   | PK   | 15.7761G  | 60.07          | 74.00          | -13.93      | 3        | Horizontal | 129         | 1.09       | -        |
| 5280MHz                  | Pass   | AV   | 5.2808G   | 108.02         | Inf            | -Inf        | 3        | Vertical   | 309         | 2.33       | -        |
| 5280MHz                  | Pass   | AV   | 5.3504G   | 51.48          | 54.00          | -2.52       | 3        | Vertical   | 309         | 2.33       | -        |
| 5280MHz                  | Pass   | PK   | 5.2808G   | 115.26         | Inf            | -Inf        | 3        | Vertical   | 309         | 2.33       | -        |
| 5280MHz                  | Pass   | PK   | 5.3512G   | 63.62          | 74.00          | -10.38      | 3        | Vertical   | 309         | 2.33       | -        |
| 5280MHz                  | Pass   | AV   | 5.2796G   | 110.70         | Inf            | -Inf        | 3        | Horizontal | 346         | 1.18       | -        |
| 5280MHz                  | Pass   | AV   | 5.35G     | 53.75          | 54.00          | -0.25       | 3        | Horizontal | 346         | 1.18       | -        |
| 5280MHz                  | Pass   | PK   | 5.2792G   | 118.49         | Inf            | -Inf        | 3        | Horizontal | 346         | 1.18       | -        |
| 5280MHz                  | Pass   | PK   | 5.35G     | 64.83          | 74.00          | -9.17       | 3        | Horizontal | 346         | 1.18       | -        |
| 5280MHz                  | Pass   | AV   | 15.8396G  | 48.34          | 54.00          | -5.66       | 3        | Vertical   | 244         | 2.69       | -        |
| 5280MHz                  | Pass   | PK   | 10.5572G  | 59.44          | 68.20          | -8.76       | 3        | Vertical   | 307         | 1.14       | -        |
| 5280MHz                  | Pass   | PK   | 15.83968G | 59.38          | 74.00          | -14.62      | 3        | Vertical   | 244         | 2.69       | -        |
| 5280MHz                  | Pass   | AV   | 15.838G   | 47.91          | 54.00          | -6.09       | 3        | Horizontal | 118         | 1.98       | -        |
| 5280MHz                  | Pass   | PK   | 10.55768G | 60.90          | 68.20          | -7.30       | 3        | Horizontal | 360         | 1.18       | -        |
| 5280MHz                  | Pass   | PK   | 15.84008G | 59.30          | 74.00          | -14.70      | 3        | Horizontal | 118         | 1.98       | -        |
| 5300MHz                  | Pass   | AV   | 5.3012G   | 105.24         | Inf            | -Inf        | 3        | Vertical   | 309         | 2.34       | -        |
| 5300MHz                  | Pass   | AV   | 5.3508G   | 50.31          | 54.00          | -3.69       | 3        | Vertical   | 309         | 2.34       | -        |
| 5300MHz                  | Pass   | PK   | 5.3012G   | 113.88         | Inf            | -Inf        | 3        | Vertical   | 309         | 2.34       | -        |
| 5300MHz                  | Pass   | PK   | 5.352G    | 64.21          | 74.00          | -9.79       | 3        | Vertical   | 309         | 2.34       | -        |
| 5300MHz                  | Pass   | AV   | 5.302G    | 109.36         | Inf            | -Inf        | 3        | Horizontal | 333         | 2.84       | -        |
| 5300MHz                  | Pass   | AV   | 5.3516G   | 53.44          | 54.00          | -0.56       | 3        | Horizontal | 333         | 2.84       | -        |
| 5300MHz                  | Pass   | PK   | 5.302G    | 117.33         | Inf            | -Inf        | 3        | Horizontal | 333         | 2.84       | -        |
| 5300MHz                  | Pass   | PK   | 5.352G    | 70.21          | 74.00          | -3.79       | 3        | Horizontal | 333         | 2.84       | -        |
| 5300MHz                  | Pass   | AV   | 15.8976G  | 46.63          | 54.00          | -7.37       | 3        | Vertical   | 237         | 1.50       | -        |
| 5300MHz                  | Pass   | PK   | 10.59872G | 55.24          | 68.20          | -12.96      | 3        | Vertical   | 277         | 1.32       | -        |
| 5300MHz                  | Pass   | PK   | 15.89208G | 57.97          | 74.00          | -16.03      | 3        | Vertical   | 237         | 1.50       | -        |
| 5300MHz                  | Pass   | AV   | 15.90016G | 46.36          | 54.00          | -7.64       | 3        | Horizontal | 197         | 1.50       | -        |
| 5300MHz                  | Pass   | PK   | 10.60776G | 57.07          | 74.00          | -16.93      | 3        | Horizontal | 360         | 1.11       | -        |
| 5300MHz                  | Pass   | PK   | 15.91928G | 57.67          | 74.00          | -16.33      | 3        | Horizontal | 197         | 1.50       | -        |
| 5320MHz                  | Pass   | AV   | 5.321G    | 102.73         | Inf            | -Inf        | 3        | Vertical   | 310         | 2.20       | -        |
| 5320MHz                  | Pass   | AV   | 5.3502G   | 50.47          | 54.00          | -3.53       | 3        | Vertical   | 310         | 2.20       | -        |
| 5320MHz                  | Pass   | PK   | 5.3212G   | 110.99         | Inf            | -Inf        | 3        | Vertical   | 310         | 2.20       | -        |
| 5320MHz                  | Pass   | PK   | 5.3514G   | 68.27          | 74.00          | -5.73       | 3        | Vertical   | 310         | 2.20       | -        |
| 5320MHz                  | Pass   | AV   | 5.3206G   | 107.30         | Inf            | -Inf        | 3        | Horizontal | 303         | 2.80       | -        |
| 5320MHz                  | Pass   | AV   | 5.3506G   | 53.76          | 54.00          | -0.24       | 3        | Horizontal | 303         | 2.80       | -        |
| 5320MHz                  | Pass   | PK   | 5.3212G   | 115.13         | Inf            | -Inf        | 3        | Horizontal | 303         | 2.80       | -        |
| 5320MHz                  | Pass   | PK   | 5.3502G   | 73.16          | 74.00          | -0.84       | 3        | Horizontal | 303         | 2.80       | -        |
| 5320MHz                  | Pass   | AV   | 10.64192G | 44.10          | 54.00          | -9.90       | 3        | Vertical   | 310         | 2.35       | -        |
| 5320MHz                  | Pass   | AV   | 15.95878G | 46.46          | 54.00          | -7.54       | 3        | Vertical   | 214         | 1.18       | -        |
| 5320MHz                  | Pass   | PK   | 10.63712G | 55.16          | 74.00          | -18.84      | 3        | Vertical   | 310         | 2.35       | -        |
| 5320MHz                  | Pass   | PK   | 15.95798G | 57.91          | 74.00          | -16.09      | 3        | Vertical   | 214         | 1.18       | -        |
| 5320MHz                  | Pass   | AV   | 10.64144G | 44.42          | 54.00          | -9.58       | 3        | Horizontal | 360         | 1.04       | -        |
| 5320MHz                  | Pass   | AV   | 15.95796G | 46.42          | 54.00          | -7.58       | 3        | Horizontal | 226         | 1.39       | -        |



| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5320MHz | Pass   | PK   | 10.64144G    | 56.82             | 74.00             | -17.18         | 3           | Horizontal | 360            | 1.04          | -        |
| 5320MHz | Pass   | PK   | 15.95568G    | 58.40             | 74.00             | -15.60         | 3           | Horizontal | 226            | 1.39          | -        |
| 5500MHz | Pass   | AV   | 5.46G        | 50.29             | 54.00             | -3.71          | 3           | Vertical   | 276            | 3.00          | -        |
| 5500MHz | Pass   | AV   | 5.4984G      | 102.60            | Inf               | -Inf           | 3           | Vertical   | 276            | 3.00          | -        |
| 5500MHz | Pass   | PK   | 5.4618G      | 63.53             | 68.20             | -4.67          | 3           | Vertical   | 276            | 3.00          | -        |
| 5500MHz | Pass   | PK   | 5.498G       | 110.68            | Inf               | -Inf           | 3           | Vertical   | 276            | 3.00          | -        |
| 5500MHz | Pass   | AV   | 5.46G        | 51.50             | 54.00             | -2.50          | 3           | Horizontal | 340            | 1.02          | -        |
| 5500MHz | Pass   | AV   | 5.5004G      | 105.57            | Inf               | -Inf           | 3           | Horizontal | 340            | 1.02          | -        |
| 5500MHz | Pass   | PK   | 5.4694G      | 67.48             | 68.20             | -0.72          | 3           | Horizontal | 340            | 1.02          | -        |
| 5500MHz | Pass   | PK   | 5.5006G      | 113.88            | Inf               | -Inf           | 3           | Horizontal | 340            | 1.02          | -        |
| 5500MHz | Pass   | AV   | 11.0004G     | 44.78             | 54.00             | -9.22          | 3           | Vertical   | 331            | 2.62          | -        |
| 5500MHz | Pass   | PK   | 11.00064G    | 57.50             | 74.00             | -16.50         | 3           | Vertical   | 331            | 2.62          | -        |
| 5500MHz | Pass   | PK   | 16.5008G     | 59.64             | 68.20             | -8.56          | 3           | Vertical   | 13             | 1.11          | -        |
| 5500MHz | Pass   | AV   | 11.00288G    | 45.13             | 54.00             | -8.87          | 3           | Horizontal | 360            | 1.05          | -        |
| 5500MHz | Pass   | PK   | 11.00528G    | 56.56             | 74.00             | -17.44         | 3           | Horizontal | 360            | 1.05          | -        |
| 5500MHz | Pass   | PK   | 16.50174G    | 60.43             | 68.20             | -7.77          | 3           | Horizontal | 115            | 1.61          | -        |
| 5520MHz | Pass   | AV   | 5.4464G      | 48.91             | 54.00             | -5.09          | 3           | Vertical   | 307            | 2.07          | -        |
| 5520MHz | Pass   | AV   | 5.5216G      | 104.92            | Inf               | -Inf           | 3           | Vertical   | 307            | 2.07          | -        |
| 5520MHz | Pass   | PK   | 5.4664G      | 61.37             | 68.20             | -6.83          | 3           | Vertical   | 307            | 2.07          | -        |
| 5520MHz | Pass   | PK   | 5.5224G      | 112.86            | Inf               | -Inf           | 3           | Vertical   | 307            | 2.07          | -        |
| 5520MHz | Pass   | AV   | 5.46G        | 51.51             | 54.00             | -2.49          | 3           | Horizontal | 338            | 2.65          | -        |
| 5520MHz | Pass   | AV   | 5.5212G      | 109.51            | Inf               | -Inf           | 3           | Horizontal | 338            | 2.65          | -        |
| 5520MHz | Pass   | PK   | 5.4668G      | 67.62             | 68.20             | -0.58          | 3           | Horizontal | 338            | 2.65          | -        |
| 5520MHz | Pass   | PK   | 5.5216G      | 118.12            | Inf               | -Inf           | 3           | Horizontal | 338            | 2.65          | -        |
| 5520MHz | Pass   | AV   | 11.03952G    | 45.64             | 54.00             | -8.36          | 3           | Vertical   | 310            | 1.02          | -        |
| 5520MHz | Pass   | PK   | 11.0436G     | 56.19             | 74.00             | -17.81         | 3           | Vertical   | 310            | 1.02          | -        |
| 5520MHz | Pass   | PK   | 16.56616G    | 61.78             | 68.20             | -6.42          | 3           | Vertical   | 245            | 2.97          | -        |
| 5520MHz | Pass   | AV   | 11.04368G    | 46.89             | 54.00             | -7.11          | 3           | Horizontal | 360            | 1.00          | -        |
| 5520MHz | Pass   | PK   | 11.04408G    | 59.05             | 74.00             | -14.95         | 3           | Horizontal | 360            | 1.00          | -        |
| 5520MHz | Pass   | PK   | 16.5492G     | 59.45             | 68.20             | -8.75          | 3           | Horizontal | 260            | 2.63          | -        |
| 5540MHz | Pass   | AV   | 5.4592G      | 48.87             | 54.00             | -5.13          | 3           | Vertical   | 305            | 2.18          | -        |
| 5540MHz | Pass   | AV   | 5.5392G      | 107.88            | Inf               | -Inf           | 3           | Vertical   | 305            | 2.18          | -        |
| 5540MHz | Pass   | PK   | 5.4688G      | 63.03             | 68.20             | -5.17          | 3           | Vertical   | 305            | 2.18          | -        |
| 5540MHz | Pass   | PK   | 5.5392G      | 116.06            | Inf               | -Inf           | 3           | Vertical   | 305            | 2.18          | -        |
| 5540MHz | Pass   | AV   | 5.458G       | 51.87             | 54.00             | -2.13          | 3           | Horizontal | 336            | 1.00          | -        |
| 5540MHz | Pass   | AV   | 5.5384G      | 111.62            | Inf               | -Inf           | 3           | Horizontal | 336            | 1.00          | -        |
| 5540MHz | Pass   | PK   | 5.4628G      | 66.94             | 68.20             | -1.26          | 3           | Horizontal | 336            | 1.00          | -        |
| 5540MHz | Pass   | PK   | 5.5376G      | 119.87            | Inf               | -Inf           | 3           | Horizontal | 336            | 1.00          | -        |
| 5540MHz | Pass   | AV   | 11.08098G    | 48.68             | 54.00             | -5.32          | 3           | Vertical   | 326            | 2.19          | -        |
| 5540MHz | Pass   | PK   | 11.07992G    | 59.96             | 74.00             | -14.04         | 3           | Vertical   | 326            | 2.19          | -        |
| 5540MHz | Pass   | PK   | 16.61612G    | 64.46             | 68.20             | -3.74          | 3           | Vertical   | 266            | 3.00          | -        |
| 5540MHz | Pass   | AV   | 11.0783G     | 48.96             | 54.00             | -5.04          | 3           | Horizontal | 360            | 1.02          | -        |
| 5540MHz | Pass   | PK   | 11.0781G     | 60.47             | 74.00             | -13.53         | 3           | Horizontal | 360            | 1.02          | -        |
| 5540MHz | Pass   | PK   | 16.61998G    | 59.29             | 68.20             | -8.91          | 3           | Horizontal | 320            | 2.24          | -        |
| 5560MHz | Pass   | AV   | 5.4586G      | 48.50             | 54.00             | -5.50          | 3           | Vertical   | 305            | 1.93          | -        |
| 5560MHz | Pass   | AV   | 5.5594G      | 108.95            | Inf               | -Inf           | 3           | Vertical   | 305            | 1.93          | -        |
| 5560MHz | Pass   | PK   | 5.4694G      | 62.80             | 68.20             | -5.40          | 3           | Vertical   | 305            | 1.93          | -        |
| 5560MHz | Pass   | PK   | 5.5588G      | 117.46            | Inf               | -Inf           | 3           | Vertical   | 305            | 1.93          | -        |
| 5560MHz | Pass   | AV   | 5.4592G      | 50.27             | 54.00             | -3.73          | 3           | Horizontal | 334            | 2.74          | -        |
| 5560MHz | Pass   | AV   | 5.5588G      | 114.04            | Inf               | -Inf           | 3           | Horizontal | 334            | 2.74          | -        |
| 5560MHz | Pass   | PK   | 5.4694G      | 66.91             | 68.20             | -1.29          | 3           | Horizontal | 334            | 2.74          | -        |
| 5560MHz | Pass   | PK   | 5.5588G      | 123.23            | Inf               | -Inf           | 3           | Horizontal | 334            | 2.74          | -        |
| 5560MHz | Pass   | AV   | 11.11963G    | 50.89             | 54.00             | -3.11          | 3           | Vertical   | 330            | 2.55          | -        |
| 5560MHz | Pass   | PK   | 11.12108G    | 62.33             | 74.00             | -11.67         | 3           | Vertical   | 330            | 2.55          | -        |
| 5560MHz | Pass   | PK   | 16.68043G    | 65.63             | 68.20             | -2.57          | 3           | Vertical   | 262            | 3.00          | -        |
| 5560MHz | Pass   | AV   | 11.11804G    | 50.51             | 54.00             | -3.49          | 3           | Horizontal | 354            | 1.00          | -        |
| 5560MHz | Pass   | PK   | 11.11392G    | 61.81             | 74.00             | -12.19         | 3           | Horizontal | 354            | 1.00          | -        |
| 5560MHz | Pass   | PK   | 16.68209G    | 59.21             | 68.20             | -8.99          | 3           | Horizontal | 258            | 3.00          | -        |
| 5580MHz | Pass   | AV   | 5.46G        | 47.26             | 54.00             | -6.74          | 3           | Vertical   | 300            | 2.39          | -        |
| 5580MHz | Pass   | AV   | 5.5806G      | 109.16            | Inf               | -Inf           | 3           | Vertical   | 300            | 2.39          | -        |
| 5580MHz | Pass   | PK   | 5.469G       | 58.06             | 68.20             | -10.14         | 3           | Vertical   | 300            | 2.39          | -        |
| 5580MHz | Pass   | PK   | 5.5806G      | 118.00            | Inf               | -Inf           | 3           | Vertical   | 300            | 2.39          | -        |



| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5580MHz                        | Pass   | PK   | 5.73G        | 59.15             | 68.20             | -9.05          | 3           | Vertical   | 300            | 2.39          | -        |
| 5580MHz                        | Pass   | AV   | 5.4582G      | 48.16             | 54.00             | -5.84          | 3           | Horizontal | 333            | 2.47          | -        |
| 5580MHz                        | Pass   | AV   | 5.5788G      | 113.45            | Inf               | -Inf           | 3           | Horizontal | 333            | 2.47          | -        |
| 5580MHz                        | Pass   | PK   | 5.469G       | 62.14             | 68.20             | -6.06          | 3           | Horizontal | 333            | 2.47          | -        |
| 5580MHz                        | Pass   | PK   | 5.5794G      | 122.73            | Inf               | -Inf           | 3           | Horizontal | 333            | 2.47          | -        |
| 5580MHz                        | Pass   | PK   | 5.73G        | 61.04             | 68.20             | -7.16          | 3           | Horizontal | 333            | 2.47          | -        |
| 5580MHz                        | Pass   | AV   | 11.15938G    | 49.62             | 54.00             | -4.38          | 3           | Vertical   | 315            | 1.11          | -        |
| 5580MHz                        | Pass   | PK   | 11.15919G    | 61.56             | 74.00             | -12.44         | 3           | Vertical   | 315            | 1.11          | -        |
| 5580MHz                        | Pass   | PK   | 16.74117G    | 65.80             | 68.20             | -2.40          | 3           | Vertical   | 264            | 3.00          | -        |
| 5580MHz                        | Pass   | AV   | 11.15908G    | 49.50             | 54.00             | -4.50          | 3           | Horizontal | 360            | 1.00          | -        |
| 5580MHz                        | Pass   | PK   | 11.16024G    | 61.24             | 74.00             | -12.76         | 3           | Horizontal | 360            | 1.00          | -        |
| 5580MHz                        | Pass   | PK   | 16.74075G    | 59.37             | 68.20             | -8.83          | 3           | Horizontal | 311            | 1.22          | -        |
| 5660MHz                        | Pass   | AV   | 5.6576G      | 105.05            | Inf               | -Inf           | 3           | Vertical   | 304            | 2.37          | -        |
| 5660MHz                        | Pass   | PK   | 5.6624G      | 113.39            | Inf               | -Inf           | 3           | Vertical   | 304            | 2.37          | -        |
| 5660MHz                        | Pass   | PK   | 5.732G       | 63.45             | 68.20             | -4.75          | 3           | Vertical   | 304            | 2.37          | -        |
| 5660MHz                        | Pass   | AV   | 5.6616G      | 110.36            | Inf               | -Inf           | 3           | Horizontal | 333            | 2.53          | -        |
| 5660MHz                        | Pass   | PK   | 5.6616G      | 118.92            | Inf               | -Inf           | 3           | Horizontal | 333            | 2.53          | -        |
| 5660MHz                        | Pass   | PK   | 5.732G       | 67.40             | 68.20             | -0.80          | 3           | Horizontal | 333            | 2.53          | -        |
| 5660MHz                        | Pass   | AV   | 11.32376G    | 45.31             | 54.00             | -8.69          | 3           | Vertical   | 312            | 1.00          | -        |
| 5660MHz                        | Pass   | PK   | 11.31944G    | 56.76             | 74.00             | -17.24         | 3           | Vertical   | 312            | 1.00          | -        |
| 5660MHz                        | Pass   | PK   | 16.97896G    | 59.87             | 68.20             | -8.33          | 3           | Vertical   | 150            | 1.29          | -        |
| 5660MHz                        | Pass   | AV   | 11.31848G    | 46.80             | 54.00             | -7.20          | 3           | Horizontal | 26             | 1.00          | -        |
| 5660MHz                        | Pass   | PK   | 11.32256G    | 57.93             | 74.00             | -16.07         | 3           | Horizontal | 26             | 1.00          | -        |
| 5660MHz                        | Pass   | PK   | 16.97779G    | 60.07             | 68.20             | -8.13          | 3           | Horizontal | 278            | 1.10          | -        |
| 5680MHz                        | Pass   | AV   | 5.6808G      | 101.60            | Inf               | -Inf           | 3           | Vertical   | 309            | 2.00          | -        |
| 5680MHz                        | Pass   | PK   | 5.6812G      | 110.31            | Inf               | -Inf           | 3           | Vertical   | 309            | 2.00          | -        |
| 5680MHz                        | Pass   | PK   | 5.7252G      | 61.53             | 68.20             | -6.67          | 3           | Vertical   | 309            | 2.00          | -        |
| 5680MHz                        | Pass   | AV   | 5.6816G      | 106.62            | Inf               | -Inf           | 3           | Horizontal | 332            | 2.64          | -        |
| 5680MHz                        | Pass   | PK   | 5.6808G      | 115.04            | Inf               | -Inf           | 3           | Horizontal | 332            | 2.64          | -        |
| 5680MHz                        | Pass   | PK   | 5.7264G      | 67.37             | 68.20             | -0.83          | 3           | Horizontal | 332            | 2.64          | -        |
| 5680MHz                        | Pass   | AV   | 11.35816G    | 45.01             | 54.00             | -8.99          | 3           | Vertical   | 309            | 1.00          | -        |
| 5680MHz                        | Pass   | PK   | 11.35904G    | 56.33             | 74.00             | -17.67         | 3           | Vertical   | 309            | 1.00          | -        |
| 5680MHz                        | Pass   | PK   | 17.04237G    | 60.05             | 68.20             | -8.15          | 3           | Vertical   | 65             | 2.01          | -        |
| 5680MHz                        | Pass   | AV   | 11.36336G    | 47.11             | 54.00             | -6.89          | 3           | Horizontal | 12             | 1.05          | -        |
| 5680MHz                        | Pass   | PK   | 11.35824G    | 58.61             | 74.00             | -15.39         | 3           | Horizontal | 12             | 1.05          | -        |
| 5680MHz                        | Pass   | PK   | 17.04109G    | 60.12             | 68.20             | -8.08          | 3           | Horizontal | 126            | 1.81          | -        |
| 5700MHz                        | Pass   | AV   | 5.6988G      | 98.88             | Inf               | -Inf           | 3           | Vertical   | 308            | 2.23          | -        |
| 5700MHz                        | Pass   | PK   | 5.6988G      | 107.26            | Inf               | -Inf           | 3           | Vertical   | 308            | 2.23          | -        |
| 5700MHz                        | Pass   | PK   | 5.7268G      | 60.37             | 68.20             | -7.83          | 3           | Vertical   | 308            | 2.23          | -        |
| 5700MHz                        | Pass   | AV   | 5.6992G      | 104.36            | Inf               | -Inf           | 3           | Horizontal | 334            | 2.65          | -        |
| 5700MHz                        | Pass   | PK   | 5.6996G      | 112.79            | Inf               | -Inf           | 3           | Horizontal | 334            | 2.65          | -        |
| 5700MHz                        | Pass   | PK   | 5.7252G      | 68.09             | 68.20             | -0.11          | 3           | Horizontal | 334            | 2.65          | -        |
| 5700MHz                        | Pass   | AV   | 11.39432G    | 43.57             | 54.00             | -10.43         | 3           | Vertical   | 138            | 1.50          | -        |
| 5700MHz                        | Pass   | PK   | 11.41984G    | 55.52             | 74.00             | -18.48         | 3           | Vertical   | 138            | 1.50          | -        |
| 5700MHz                        | Pass   | PK   | 17.09942G    | 59.71             | 68.20             | -8.49          | 3           | Vertical   | 78             | 1.42          | -        |
| 5700MHz                        | Pass   | AV   | 11.40336G    | 44.86             | 54.00             | -9.14          | 3           | Horizontal | 25             | 1.01          | -        |
| 5700MHz                        | Pass   | PK   | 11.40432G    | 56.35             | 74.00             | -17.65         | 3           | Horizontal | 25             | 1.01          | -        |
| 5700MHz                        | Pass   | PK   | 17.10146G    | 60.02             | 68.20             | -8.18          | 3           | Horizontal | 191            | 1.65          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4248G      | 46.20             | 54.00             | -7.80          | 3           | Vertical   | 285            | 3.00          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7224G      | 108.49            | Inf               | -Inf           | 3           | Vertical   | 285            | 3.00          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4668G      | 56.33             | 68.20             | -11.87         | 3           | Vertical   | 285            | 3.00          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7176G      | 116.30            | Inf               | -Inf           | 3           | Vertical   | 285            | 3.00          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.9012G      | 59.23             | 68.20             | -8.97          | 3           | Vertical   | 285            | 3.00          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4572G      | 46.45             | 54.00             | -7.55          | 3           | Horizontal | 326            | 2.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7188G      | 113.14            | Inf               | -Inf           | 3           | Horizontal | 326            | 2.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4608G      | 57.08             | 68.20             | -11.12         | 3           | Horizontal | 326            | 2.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7188G      | 120.73            | Inf               | -Inf           | 3           | Horizontal | 326            | 2.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8748G      | 59.96             | 68.20             | -8.24          | 3           | Horizontal | 326            | 2.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.43832G    | 52.58             | 54.00             | -1.42          | 3           | Vertical   | 327            | 2.30          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.4424G     | 64.23             | 74.00             | -9.77          | 3           | Vertical   | 327            | 2.30          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.16624G    | 66.01             | 68.20             | -2.19          | 3           | Vertical   | 262            | 2.92          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44348G    | 53.58             | 54.00             | -0.42          | 3           | Horizontal | 347            | 2.37          | -        |



| 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   | 11.44308G | 64.94          | 74.00          | -9.06       | 3        | Horizontal | 347         | 2.37       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.15974G | 60.75          | 68.20          | -7.45       | 3        | Horizontal | 209         | 1.95       | -        |
| 802.11ac VHT20_Nss2(MCS0)_2TX  | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5260MHz                        | Pass   | AV   | 5.143G    | 49.60          | 54.00          | -4.40       | 3        | Vertical   | 284         | 2.87       | -        |
| 5260MHz                        | Pass   | AV   | 5.2588G   | 106.58         | Inf            | -Inf        | 3        | Vertical   | 284         | 2.87       | -        |
| 5260MHz                        | Pass   | AV   | 5.35G     | 49.56          | 54.00          | -4.44       | 3        | Vertical   | 284         | 2.87       | -        |
| 5260MHz                        | Pass   | PK   | 5.149G    | 60.21          | 74.00          | -13.79      | 3        | Vertical   | 284         | 2.87       | -        |
| 5260MHz                        | Pass   | PK   | 5.26G     | 113.87         | Inf            | -Inf        | 3        | Vertical   | 284         | 2.87       | -        |
| 5260MHz                        | Pass   | PK   | 5.35G     | 60.28          | 74.00          | -13.72      | 3        | Vertical   | 284         | 2.87       | -        |
| 5260MHz                        | Pass   | AV   | 5.149G    | 50.08          | 54.00          | -3.92       | 3        | Horizontal | 320         | 1.00       | -        |
| 5260MHz                        | Pass   | AV   | 5.2588G   | 111.55         | Inf            | -Inf        | 3        | Horizontal | 320         | 1.00       | -        |
| 5260MHz                        | Pass   | AV   | 5.35G     | 52.04          | 54.00          | -1.96       | 3        | Horizontal | 320         | 1.00       | -        |
| 5260MHz                        | Pass   | PK   | 5.15G     | 59.38          | 74.00          | -14.62      | 3        | Horizontal | 320         | 1.00       | -        |
| 5260MHz                        | Pass   | PK   | 5.2594G   | 119.90         | Inf            | -Inf        | 3        | Horizontal | 320         | 1.00       | -        |
| 5260MHz                        | Pass   | PK   | 5.35G     | 60.84          | 74.00          | -13.16      | 3        | Horizontal | 320         | 1.00       | -        |
| 5260MHz                        | Pass   | AV   | 15.78128G | 49.16          | 54.00          | -4.84       | 3        | Vertical   | 101         | 2.96       | -        |
| 5260MHz                        | Pass   | PK   | 10.51624G | 62.28          | 68.20          | -5.92       | 3        | Vertical   | 282         | 1.02       | -        |
| 5260MHz                        | Pass   | PK   | 15.78888G | 59.41          | 74.00          | -14.59      | 3        | Vertical   | 101         | 2.96       | -        |
| 5260MHz                        | Pass   | AV   | 15.78296G | 48.92          | 54.00          | -5.08       | 3        | Horizontal | 123         | 1.00       | -        |
| 5260MHz                        | Pass   | PK   | 10.51072G | 63.36          | 68.20          | -4.84       | 3        | Horizontal | 38          | 1.04       | -        |
| 5260MHz                        | Pass   | PK   | 15.78616G | 59.98          | 74.00          | -14.02      | 3        | Horizontal | 123         | 1.00       | -        |
| 5280MHz                        | Pass   | AV   | 5.2808G   | 105.43         | Inf            | -Inf        | 3        | Vertical   | 315         | 1.88       | -        |
| 5280MHz                        | Pass   | AV   | 5.3504G   | 51.29          | 54.00          | -2.71       | 3        | Vertical   | 315         | 1.88       | -        |
| 5280MHz                        | Pass   | PK   | 5.2792G   | 114.05         | Inf            | -Inf        | 3        | Vertical   | 315         | 1.88       | -        |
| 5280MHz                        | Pass   | PK   | 5.3564G   | 62.04          | 74.00          | -11.96      | 3        | Vertical   | 315         | 1.88       | -        |
| 5280MHz                        | Pass   | AV   | 5.3508G   | 53.55          | 54.00          | -0.45       | 3        | Horizontal | 320         | 2.69       | -        |
| 5280MHz                        | Pass   | AV   | 5.2776G   | 110.43         | Inf            | -Inf        | 3        | Horizontal | 320         | 2.69       | -        |
| 5280MHz                        | Pass   | PK   | 5.2796G   | 118.81         | Inf            | -Inf        | 3        | Horizontal | 320         | 2.69       | -        |
| 5280MHz                        | Pass   | PK   | 5.3508G   | 65.00          | 74.00          | -9.00       | 3        | Horizontal | 320         | 2.69       | -        |
| 5280MHz                        | Pass   | AV   | 15.84888G | 48.19          | 54.00          | -5.81       | 3        | Vertical   | 73          | 2.74       | -        |
| 5280MHz                        | Pass   | PK   | 10.556G   | 58.94          | 68.20          | -9.26       | 3        | Vertical   | 284         | 1.00       | -        |
| 5280MHz                        | Pass   | PK   | 15.84104G | 59.50          | 74.00          | -14.50      | 3        | Vertical   | 73          | 2.74       | -        |
| 5280MHz                        | Pass   | AV   | 15.84728G | 47.67          | 54.00          | -6.33       | 3        | Horizontal | 35          | 2.23       | -        |
| 5280MHz                        | Pass   | PK   | 10.5592G  | 60.52          | 68.20          | -7.68       | 3        | Horizontal | 1           | 1.01       | -        |
| 5280MHz                        | Pass   | PK   | 15.85208G | 57.85          | 74.00          | -16.15      | 3        | Horizontal | 35          | 2.23       | -        |
| 5300MHz                        | Pass   | AV   | 5.3016G   | 102.17         | Inf            | -Inf        | 3        | Vertical   | 315         | 2.12       | -        |
| 5300MHz                        | Pass   | AV   | 5.3516G   | 50.24          | 54.00          | -3.76       | 3        | Vertical   | 315         | 2.12       | -        |
| 5300MHz                        | Pass   | PK   | 5.2992G   | 111.29         | Inf            | -Inf        | 3        | Vertical   | 315         | 2.12       | -        |
| 5300MHz                        | Pass   | PK   | 5.3596G   | 59.86          | 74.00          | -14.14      | 3        | Vertical   | 315         | 2.12       | -        |
| 5300MHz                        | Pass   | AV   | 5.2976G   | 107.23         | Inf            | -Inf        | 3        | Horizontal | 226         | 2.97       | -        |
| 5300MHz                        | Pass   | AV   | 5.3508G   | 53.89          | 54.00          | -0.11       | 3        | Horizontal | 226         | 2.97       | -        |
| 5300MHz                        | Pass   | PK   | 5.3012G   | 116.25         | Inf            | -Inf        | 3        | Horizontal | 226         | 2.97       | -        |
| 5300MHz                        | Pass   | PK   | 5.3504G   | 64.56          | 74.00          | -9.44       | 3        | Horizontal | 226         | 2.97       | -        |
| 5300MHz                        | Pass   | AV   | 15.89921G | 47.02          | 54.00          | -6.98       | 3        | Vertical   | 345         | 2.21       | -        |
| 5300MHz                        | Pass   | PK   | 10.59496G | 53.72          | 68.20          | -14.48      | 3        | Vertical   | 29          | 1.00       | -        |
| 5300MHz                        | Pass   | PK   | 15.90178G | 57.30          | 74.00          | -16.70      | 3        | Vertical   | 345         | 2.21       | -        |
| 5300MHz                        | Pass   | AV   | 15.89828G | 47.12          | 54.00          | -6.88       | 3        | Horizontal | 64          | 2.38       | -        |
| 5300MHz                        | Pass   | PK   | 10.59512G | 54.73          | 68.20          | -13.47      | 3        | Horizontal | 8           | 1.04       | -        |
| 5300MHz                        | Pass   | PK   | 15.8985G  | 57.63          | 74.00          | -16.37      | 3        | Horizontal | 64          | 2.38       | -        |
| 5320MHz                        | Pass   | AV   | 5.3192G   | 98.64          | Inf            | -Inf        | 3        | Vertical   | 313         | 1.97       | -        |
| 5320MHz                        | Pass   | AV   | 5.3524G   | 49.72          | 54.00          | -4.28       | 3        | Vertical   | 313         | 1.97       | -        |
| 5320MHz                        | Pass   | PK   | 5.3224G   | 107.18         | Inf            | -Inf        | 3        | Vertical   | 313         | 1.97       | -        |
| 5320MHz                        | Pass   | PK   | 5.3508G   | 59.85          | 74.00          | -14.15      | 3        | Vertical   | 313         | 1.97       | -        |
| 5320MHz                        | Pass   | AV   | 5.3192G   | 104.60         | Inf            | -Inf        | 3        | Horizontal | 210         | 2.72       | -        |
| 5320MHz                        | Pass   | AV   | 5.352G    | 53.25          | 54.00          | -0.75       | 3        | Horizontal | 210         | 2.72       | -        |
| 5320MHz                        | Pass   | PK   | 5.3212G   | 112.66         | Inf            | -Inf        | 3        | Horizontal | 210         | 2.72       | -        |
| 5320MHz                        | Pass   | PK   | 5.3512G   | 68.00          | 74.00          | -6.00       | 3        | Horizontal | 210         | 2.72       | -        |
| 5320MHz                        | Pass   | AV   | 10.64013G | 44.38          | 54.00          | -9.62       | 3        | Vertical   | 301         | 1.85       | -        |
| 5320MHz                        | Pass   | AV   | 15.96214G | 47.06          | 54.00          | -6.94       | 3        | Vertical   | 155         | 2.05       | -        |
| 5320MHz                        | Pass   | PK   | 10.63925G | 55.28          | 74.00          | -18.72      | 3        | Vertical   | 301         | 1.85       | -        |
| 5320MHz                        | Pass   | PK   | 15.95917G | 58.01          | 74.00          | -15.99      | 3        | Vertical   | 155         | 2.05       | -        |
| 5320MHz                        | Pass   | AV   | 10.63983G | 44.38          | 54.00          | -9.62       | 3        | Horizontal | 71          | 2.14       | -        |



| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5320MHz | Pass   | AV   | 15.96007G    | 46.90             | 54.00             | -7.10          | 3           | Horizontal | 123            | 1.18          | -        |
| 5320MHz | Pass   | PK   | 10.6393G     | 54.80             | 74.00             | -19.20         | 3           | Horizontal | 71             | 2.14          | -        |
| 5320MHz | Pass   | PK   | 15.95939G    | 58.06             | 74.00             | -15.94         | 3           | Horizontal | 123            | 1.18          | -        |
| 5500MHz | Pass   | AV   | 5.4548G      | 50.76             | 54.00             | -3.24          | 3           | Vertical   | 312            | 1.83          | -        |
| 5500MHz | Pass   | AV   | 5.5008G      | 99.78             | Inf               | -Inf           | 3           | Vertical   | 312            | 1.83          | -        |
| 5500MHz | Pass   | PK   | 5.47G        | 65.87             | 68.20             | -2.33          | 3           | Vertical   | 312            | 1.83          | -        |
| 5500MHz | Pass   | PK   | 5.5012G      | 109.19            | Inf               | -Inf           | 3           | Vertical   | 312            | 1.83          | -        |
| 5500MHz | Pass   | AV   | 5.4552G      | 53.29             | 54.00             | -0.71          | 3           | Horizontal | 335            | 2.67          | -        |
| 5500MHz | Pass   | AV   | 5.502G       | 104.31            | Inf               | -Inf           | 3           | Horizontal | 335            | 2.67          | -        |
| 5500MHz | Pass   | PK   | 5.4696G      | 67.78             | 68.20             | -0.42          | 3           | Horizontal | 335            | 2.67          | -        |
| 5500MHz | Pass   | PK   | 5.5024G      | 112.56            | Inf               | -Inf           | 3           | Horizontal | 335            | 2.67          | -        |
| 5500MHz | Pass   | AV   | 10.99848G    | 45.36             | 54.00             | -8.64          | 3           | Vertical   | 33             | 3.00          | -        |
| 5500MHz | Pass   | PK   | 11.00496G    | 55.70             | 74.00             | -18.30         | 3           | Vertical   | 33             | 3.00          | -        |
| 5500MHz | Pass   | PK   | 16.5058G     | 59.10             | 68.20             | -9.10          | 3           | Vertical   | 14             | 1.60          | -        |
| 5500MHz | Pass   | AV   | 11.00048G    | 45.22             | 54.00             | -8.78          | 3           | Horizontal | 0              | 2.99          | -        |
| 5500MHz | Pass   | PK   | 11.00072G    | 55.60             | 74.00             | -18.40         | 3           | Horizontal | 0              | 2.99          | -        |
| 5500MHz | Pass   | PK   | 16.50732G    | 59.18             | 68.20             | -9.02          | 3           | Horizontal | 10             | 2.02          | -        |
| 5520MHz | Pass   | AV   | 5.4576G      | 50.51             | 54.00             | -3.49          | 3           | Vertical   | 312            | 1.93          | -        |
| 5520MHz | Pass   | AV   | 5.5192G      | 103.72            | Inf               | -Inf           | 3           | Vertical   | 312            | 1.93          | -        |
| 5520MHz | Pass   | PK   | 5.4648G      | 64.40             | 68.20             | -3.80          | 3           | Vertical   | 312            | 1.93          | -        |
| 5520MHz | Pass   | PK   | 5.5208G      | 112.92            | Inf               | -Inf           | 3           | Vertical   | 312            | 1.93          | -        |
| 5520MHz | Pass   | AV   | 5.4596G      | 53.59             | 54.00             | -0.41          | 3           | Horizontal | 332            | 2.66          | -        |
| 5520MHz | Pass   | AV   | 5.522G       | 108.79            | Inf               | -Inf           | 3           | Horizontal | 332            | 2.66          | -        |
| 5520MHz | Pass   | PK   | 5.4696G      | 67.33             | 68.20             | -0.87          | 3           | Horizontal | 332            | 2.66          | -        |
| 5520MHz | Pass   | PK   | 5.52G        | 117.21            | Inf               | -Inf           | 3           | Horizontal | 332            | 2.66          | -        |
| 5520MHz | Pass   | AV   | 11.04408G    | 47.34             | 54.00             | -6.66          | 3           | Vertical   | 336            | 2.16          | -        |
| 5520MHz | Pass   | PK   | 11.04528G    | 57.72             | 74.00             | -16.28         | 3           | Vertical   | 336            | 2.16          | -        |
| 5520MHz | Pass   | PK   | 16.54328G    | 58.38             | 68.20             | -9.82          | 3           | Vertical   | 224            | 1.59          | -        |
| 5520MHz | Pass   | AV   | 11.04168G    | 48.12             | 54.00             | -5.88          | 3           | Horizontal | 31             | 1.03          | -        |
| 5520MHz | Pass   | PK   | 11.04584G    | 58.20             | 74.00             | -15.80         | 3           | Horizontal | 31             | 1.03          | -        |
| 5520MHz | Pass   | PK   | 16.55288G    | 58.99             | 68.20             | -9.21          | 3           | Horizontal | 0              | 2.96          | -        |
| 5540MHz | Pass   | AV   | 5.458G       | 50.17             | 54.00             | -3.83          | 3           | Vertical   | 312            | 1.83          | -        |
| 5540MHz | Pass   | AV   | 5.5388G      | 105.47            | Inf               | -Inf           | 3           | Vertical   | 312            | 1.83          | -        |
| 5540MHz | Pass   | PK   | 5.4656G      | 61.42             | 68.20             | -6.78          | 3           | Vertical   | 312            | 1.83          | -        |
| 5540MHz | Pass   | PK   | 5.5412G      | 113.68            | Inf               | -Inf           | 3           | Vertical   | 312            | 1.83          | -        |
| 5540MHz | Pass   | AV   | 5.4592G      | 52.60             | 54.00             | -1.40          | 3           | Horizontal | 334            | 2.77          | -        |
| 5540MHz | Pass   | AV   | 5.542G       | 110.06            | Inf               | -Inf           | 3           | Horizontal | 334            | 2.77          | -        |
| 5540MHz | Pass   | PK   | 5.47G        | 66.91             | 68.20             | -1.29          | 3           | Horizontal | 334            | 2.77          | -        |
| 5540MHz | Pass   | PK   | 5.5412G      | 119.34            | Inf               | -Inf           | 3           | Horizontal | 334            | 2.77          | -        |
| 5540MHz | Pass   | AV   | 11.08288G    | 48.39             | 54.00             | -5.61          | 3           | Vertical   | 336            | 2.09          | -        |
| 5540MHz | Pass   | PK   | 11.074G      | 58.32             | 74.00             | -15.68         | 3           | Vertical   | 336            | 2.09          | -        |
| 5540MHz | Pass   | PK   | 16.61712G    | 58.82             | 68.20             | -9.38          | 3           | Vertical   | 166            | 2.35          | -        |
| 5540MHz | Pass   | AV   | 11.07928G    | 49.05             | 54.00             | -4.95          | 3           | Horizontal | 30             | 1.01          | -        |
| 5540MHz | Pass   | PK   | 11.07648G    | 59.53             | 74.00             | -14.47         | 3           | Horizontal | 30             | 1.01          | -        |
| 5540MHz | Pass   | PK   | 16.61368G    | 59.32             | 68.20             | -8.88          | 3           | Horizontal | 65             | 2.94          | -        |
| 5560MHz | Pass   | AV   | 5.4598G      | 48.86             | 54.00             | -5.14          | 3           | Vertical   | 311            | 2.04          | -        |
| 5560MHz | Pass   | AV   | 5.5618G      | 107.29            | Inf               | -Inf           | 3           | Vertical   | 311            | 2.04          | -        |
| 5560MHz | Pass   | PK   | 5.4646G      | 60.25             | 68.20             | -7.95          | 3           | Vertical   | 311            | 2.04          | -        |
| 5560MHz | Pass   | PK   | 5.5606G      | 116.20            | Inf               | -Inf           | 3           | Vertical   | 311            | 2.04          | -        |
| 5560MHz | Pass   | AV   | 5.4556G      | 50.75             | 54.00             | -3.25          | 3           | Horizontal | 333            | 2.75          | -        |
| 5560MHz | Pass   | AV   | 5.5624G      | 111.85            | Inf               | -Inf           | 3           | Horizontal | 333            | 2.75          | -        |
| 5560MHz | Pass   | PK   | 5.4688G      | 66.56             | 68.20             | -1.64          | 3           | Horizontal | 333            | 2.75          | -        |
| 5560MHz | Pass   | PK   | 5.5594G      | 120.91            | Inf               | -Inf           | 3           | Horizontal | 333            | 2.75          | -        |
| 5560MHz | Pass   | AV   | 11.12112G    | 50.74             | 54.00             | -3.26          | 3           | Vertical   | 336            | 2.31          | -        |
| 5560MHz | Pass   | PK   | 11.11856G    | 60.67             | 74.00             | -13.33         | 3           | Vertical   | 336            | 2.31          | -        |
| 5560MHz | Pass   | PK   | 16.6836G     | 59.30             | 68.20             | -8.90          | 3           | Vertical   | 134            | 1.50          | -        |
| 5560MHz | Pass   | AV   | 11.11744G    | 49.53             | 54.00             | -4.47          | 3           | Horizontal | 30             | 1.16          | -        |
| 5560MHz | Pass   | PK   | 11.12368G    | 59.72             | 74.00             | -14.28         | 3           | Horizontal | 30             | 1.16          | -        |
| 5560MHz | Pass   | PK   | 16.692G      | 58.75             | 68.20             | -9.45          | 3           | Horizontal | 250            | 1.50          | -        |
| 5580MHz | Pass   | AV   | 5.4516G      | 48.13             | 54.00             | -5.87          | 3           | Vertical   | 311            | 2.23          | -        |
| 5580MHz | Pass   | AV   | 5.5812G      | 108.31            | Inf               | -Inf           | 3           | Vertical   | 311            | 2.23          | -        |
| 5580MHz | Pass   | PK   | 5.4672G      | 62.44             | 68.20             | -5.76          | 3           | Vertical   | 311            | 2.23          | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5580MHz                        | Pass   | PK   | 5.5818G   | 116.70         | Inf            | -Inf        | 3        | Vertical   | 311         | 2.23       | -        |
| 5580MHz                        | Pass   | PK   | 5.7252G   | 57.68          | 68.20          | -10.52      | 3        | Vertical   | 311         | 2.23       | -        |
| 5580MHz                        | Pass   | AV   | 5.4588G   | 50.25          | 54.00          | -3.75       | 3        | Horizontal | 322         | 2.73       | -        |
| 5580MHz                        | Pass   | AV   | 5.5776G   | 113.22         | Inf            | -Inf        | 3        | Horizontal | 322         | 2.73       | -        |
| 5580MHz                        | Pass   | PK   | 5.4672G   | 65.96          | 68.20          | -2.24       | 3        | Horizontal | 322         | 2.73       | -        |
| 5580MHz                        | Pass   | PK   | 5.577G    | 122.45         | Inf            | -Inf        | 3        | Horizontal | 322         | 2.73       | -        |
| 5580MHz                        | Pass   | PK   | 5.7258G   | 64.32          | 68.20          | -3.88       | 3        | Horizontal | 322         | 2.73       | -        |
| 5580MHz                        | Pass   | AV   | 11.15944G | 50.45          | 54.00          | -3.55       | 3        | Vertical   | 332         | 2.21       | -        |
| 5580MHz                        | Pass   | PK   | 11.16144G | 60.97          | 74.00          | -13.03      | 3        | Vertical   | 332         | 2.21       | -        |
| 5580MHz                        | Pass   | PK   | 16.7596G  | 58.59          | 68.20          | -9.61       | 3        | Vertical   | 188         | 2.42       | -        |
| 5580MHz                        | Pass   | AV   | 11.16152G | 50.02          | 54.00          | -3.98       | 3        | Horizontal | 30          | 1.10       | -        |
| 5580MHz                        | Pass   | PK   | 11.15624G | 59.74          | 74.00          | -14.26      | 3        | Horizontal | 30          | 1.10       | -        |
| 5580MHz                        | Pass   | PK   | 16.74256G | 58.98          | 68.20          | -9.22       | 3        | Horizontal | 328         | 1.50       | -        |
| 5660MHz                        | Pass   | AV   | 5.6588G   | 104.04         | Inf            | -Inf        | 3        | Vertical   | 313         | 1.84       | -        |
| 5660MHz                        | Pass   | PK   | 5.6608G   | 112.74         | Inf            | -Inf        | 3        | Vertical   | 313         | 1.84       | -        |
| 5660MHz                        | Pass   | PK   | 5.7284G   | 62.42          | 68.20          | -5.78       | 3        | Vertical   | 313         | 1.84       | -        |
| 5660MHz                        | Pass   | AV   | 5.6616G   | 107.93         | Inf            | -Inf        | 3        | Horizontal | 343         | 2.63       | -        |
| 5660MHz                        | Pass   | PK   | 5.6608G   | 117.35         | Inf            | -Inf        | 3        | Horizontal | 343         | 2.63       | -        |
| 5660MHz                        | Pass   | PK   | 5.7252G   | 67.30          | 68.20          | -0.90       | 3        | Horizontal | 343         | 2.63       | -        |
| 5660MHz                        | Pass   | AV   | 11.32224G | 47.29          | 54.00          | -6.71       | 3        | Vertical   | 335         | 2.32       | -        |
| 5660MHz                        | Pass   | PK   | 11.32048G | 57.04          | 74.00          | -16.96      | 3        | Vertical   | 335         | 2.32       | -        |
| 5660MHz                        | Pass   | PK   | 16.9829G  | 58.60          | 68.20          | -9.60       | 3        | Vertical   | 212         | 2.36       | -        |
| 5660MHz                        | Pass   | AV   | 11.31936G | 47.57          | 54.00          | -6.43       | 3        | Horizontal | 36          | 1.00       | -        |
| 5660MHz                        | Pass   | PK   | 11.32296G | 57.91          | 74.00          | -16.09      | 3        | Horizontal | 36          | 1.00       | -        |
| 5660MHz                        | Pass   | PK   | 16.9782G  | 58.21          | 68.20          | -9.99       | 3        | Horizontal | 327         | 1.69       | -        |
| 5680MHz                        | Pass   | AV   | 5.678G    | 101.54         | Inf            | -Inf        | 3        | Vertical   | 316         | 1.94       | -        |
| 5680MHz                        | Pass   | PK   | 5.6784G   | 110.38         | Inf            | -Inf        | 3        | Vertical   | 316         | 1.94       | -        |
| 5680MHz                        | Pass   | PK   | 5.7256G   | 62.18          | 68.20          | -6.02       | 3        | Vertical   | 316         | 1.94       | -        |
| 5680MHz                        | Pass   | AV   | 5.6808G   | 105.89         | Inf            | -Inf        | 3        | Horizontal | 332         | 2.62       | -        |
| 5680MHz                        | Pass   | PK   | 5.6812G   | 114.71         | Inf            | -Inf        | 3        | Horizontal | 332         | 2.62       | -        |
| 5680MHz                        | Pass   | PK   | 5.726G    | 67.98          | 68.20          | -0.22       | 3        | Horizontal | 332         | 2.62       | -        |
| 5680MHz                        | Pass   | AV   | 11.35968G | 44.86          | 54.00          | -9.14       | 3        | Vertical   | 316         | 1.50       | -        |
| 5680MHz                        | Pass   | PK   | 11.35856G | 55.86          | 74.00          | -18.14      | 3        | Vertical   | 316         | 1.50       | -        |
| 5680MHz                        | Pass   | PK   | 17.03584G | 59.16          | 68.20          | -9.04       | 3        | Vertical   | 332         | 1.29       | -        |
| 5680MHz                        | Pass   | AV   | 11.36232G | 48.60          | 54.00          | -5.40       | 3        | Horizontal | 35          | 1.00       | -        |
| 5680MHz                        | Pass   | PK   | 11.36056G | 59.21          | 74.00          | -14.79      | 3        | Horizontal | 35          | 1.00       | -        |
| 5680MHz                        | Pass   | PK   | 17.04118G | 59.46          | 68.20          | -8.74       | 3        | Horizontal | 162         | 1.66       | -        |
| 5700MHz                        | Pass   | AV   | 5.6988G   | 98.06          | Inf            | -Inf        | 3        | Vertical   | 312         | 1.80       | -        |
| 5700MHz                        | Pass   | PK   | 5.6992G   | 107.30         | Inf            | -Inf        | 3        | Vertical   | 312         | 1.80       | -        |
| 5700MHz                        | Pass   | PK   | 5.7296G   | 67.41          | 68.20          | -0.79       | 3        | Vertical   | 312         | 1.80       | -        |
| 5700MHz                        | Pass   | AV   | 5.6988G   | 98.80          | Inf            | -Inf        | 3        | Horizontal | 311         | 1.91       | -        |
| 5700MHz                        | Pass   | PK   | 5.7012G   | 108.28         | Inf            | -Inf        | 3        | Horizontal | 311         | 1.91       | -        |
| 5700MHz                        | Pass   | PK   | 5.7256G   | 67.77          | 68.20          | -0.43       | 3        | Horizontal | 311         | 1.91       | -        |
| 5700MHz                        | Pass   | AV   | 11.40536G | 44.92          | 54.00          | -9.08       | 3        | Vertical   | 329         | 1.50       | -        |
| 5700MHz                        | Pass   | PK   | 11.39752G | 54.99          | 74.00          | -19.01      | 3        | Vertical   | 329         | 1.50       | -        |
| 5700MHz                        | Pass   | PK   | 17.09168G | 59.50          | 68.20          | -8.70       | 3        | Vertical   | 68          | 1.40       | -        |
| 5700MHz                        | Pass   | AV   | 11.40104G | 47.76          | 54.00          | -6.24       | 3        | Horizontal | 35          | 1.00       | -        |
| 5700MHz                        | Pass   | PK   | 11.3984G  | 58.35          | 74.00          | -15.65      | 3        | Horizontal | 35          | 1.00       | -        |
| 5700MHz                        | Pass   | PK   | 17.09448G | 59.96          | 68.20          | -8.24       | 3        | Horizontal | 53          | 1.23       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4236G   | 46.73          | 54.00          | -7.27       | 3        | Vertical   | 311         | 1.70       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7188G   | 104.70         | Inf            | -Inf        | 3        | Vertical   | 311         | 1.70       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4644G   | 56.56          | 68.20          | -11.64      | 3        | Vertical   | 311         | 1.70       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7224G   | 112.74         | Inf            | -Inf        | 3        | Vertical   | 311         | 1.70       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8508G   | 59.29          | 68.20          | -8.91       | 3        | Vertical   | 311         | 1.70       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4248G   | 47.13          | 54.00          | -6.87       | 3        | Horizontal | 341         | 2.59       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7212G   | 110.26         | Inf            | -Inf        | 3        | Horizontal | 341         | 2.59       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.462G    | 56.44          | 68.20          | -11.76      | 3        | Horizontal | 341         | 2.59       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7224G   | 118.99         | Inf            | -Inf        | 3        | Horizontal | 341         | 2.59       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8652G   | 59.37          | 68.20          | -8.83       | 3        | Horizontal | 341         | 2.59       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.4404G  | 51.13          | 54.00          | -2.87       | 3        | Vertical   | 339         | 2.19       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.44241G | 62.40          | 74.00          | -11.60      | 3        | Vertical   | 339         | 2.19       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.15886G | 62.32          | 68.20          | -5.88       | 3        | Vertical   | 280         | 2.20       | -        |

| 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   | AV   | 11.44082G | 53.82          | 54.00          | -0.18       | 3        | Horizontal | 35          | 1.02       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43906G | 65.02          | 74.00          | -8.98       | 3        | Horizontal | 35          | 1.02       | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.16037G | 59.97          | 68.20          | -8.23       | 3        | Horizontal | 256         | 2.50       | -        |
| 802.11ac VHT40 Nss2,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5270MHz                        | Pass   | AV   | 5.2732G   | 101.67         | Inf            | -Inf        | 3        | Vertical   | 248         | 2.67       | -        |
| 5270MHz                        | Pass   | AV   | 5.3512G   | 52.42          | 54.00          | -1.58       | 3        | Vertical   | 248         | 2.67       | -        |
| 5270MHz                        | Pass   | PK   | 5.2728G   | 110.79         | Inf            | -Inf        | 3        | Vertical   | 248         | 2.67       | -        |
| 5270MHz                        | Pass   | PK   | 5.3524G   | 64.75          | 74.00          | -9.25       | 3        | Vertical   | 248         | 2.67       | -        |
| 5270MHz                        | Pass   | AV   | 5.268G    | 105.65         | Inf            | -Inf        | 3        | Horizontal | 331         | 2.71       | -        |
| 5270MHz                        | Pass   | AV   | 5.3508G   | 53.65          | 54.00          | -0.35       | 3        | Horizontal | 331         | 2.71       | -        |
| 5270MHz                        | Pass   | PK   | 5.2712G   | 114.93         | Inf            | -Inf        | 3        | Horizontal | 331         | 2.71       | -        |
| 5270MHz                        | Pass   | PK   | 5.354G    | 65.83          | 74.00          | -8.17       | 3        | Horizontal | 331         | 2.71       | -        |
| 5270MHz                        | Pass   | AV   | 15.81054G | 46.59          | 54.00          | -7.41       | 3        | Vertical   | 304         | 1.10       | -        |
| 5270MHz                        | Pass   | PK   | 10.51424G | 53.85          | 68.20          | -14.35      | 3        | Vertical   | 20.7        | 1.12       | -        |
| 5270MHz                        | Pass   | PK   | 15.80782G | 58.35          | 74.00          | -15.65      | 3        | Vertical   | 304         | 1.10       | -        |
| 5270MHz                        | Pass   | AV   | 15.81284G | 46.51          | 54.00          | -7.49       | 3        | Horizontal | 238         | 1.71       | -        |
| 5270MHz                        | Pass   | PK   | 10.5296G  | 56.80          | 68.20          | -11.40      | 3        | Horizontal | 33          | 1.01       | -        |
| 5270MHz                        | Pass   | PK   | 15.80646G | 57.29          | 74.00          | -16.71      | 3        | Horizontal | 238         | 1.71       | -        |
| 5310MHz                        | Pass   | AV   | 5.3084G   | 96.69          | Inf            | -Inf        | 3        | Vertical   | 249         | 2.65       | -        |
| 5310MHz                        | Pass   | AV   | 5.3508G   | 50.07          | 54.00          | -3.93       | 3        | Vertical   | 249         | 2.65       | -        |
| 5310MHz                        | Pass   | PK   | 5.3064G   | 105.38         | Inf            | -Inf        | 3        | Vertical   | 249         | 2.65       | -        |
| 5310MHz                        | Pass   | PK   | 5.3564G   | 64.10          | 74.00          | -9.90       | 3        | Vertical   | 249         | 2.65       | -        |
| 5310MHz                        | Pass   | AV   | 5.3084G   | 100.56         | Inf            | -Inf        | 3        | Horizontal | 329         | 2.67       | -        |
| 5310MHz                        | Pass   | AV   | 5.3528G   | 53.52          | 54.00          | -0.48       | 3        | Horizontal | 329         | 2.67       | -        |
| 5310MHz                        | Pass   | PK   | 5.3084G   | 108.80         | Inf            | -Inf        | 3        | Horizontal | 329         | 2.67       | -        |
| 5310MHz                        | Pass   | PK   | 5.354G    | 70.48          | 74.00          | -3.52       | 3        | Horizontal | 329         | 2.67       | -        |
| 5310MHz                        | Pass   | AV   | 10.61818G | 43.19          | 54.00          | -10.81      | 3        | Vertical   | 106         | 1.72       | -        |
| 5310MHz                        | Pass   | AV   | 15.92572G | 45.90          | 54.00          | -8.10       | 3        | Vertical   | 164         | 1.48       | -        |
| 5310MHz                        | Pass   | PK   | 10.62152G | 53.71          | 74.00          | -20.29      | 3        | Vertical   | 106         | 1.72       | -        |
| 5310MHz                        | Pass   | PK   | 15.93086G | 56.38          | 74.00          | -17.62      | 3        | Vertical   | 164         | 1.48       | -        |
| 5310MHz                        | Pass   | AV   | 10.61898G | 43.49          | 54.00          | -10.51      | 3        | Horizontal | 172         | 1.10       | -        |
| 5310MHz                        | Pass   | AV   | 15.93352G | 46.18          | 54.00          | -7.82       | 3        | Horizontal | 322         | 1.21       | -        |
| 5310MHz                        | Pass   | PK   | 10.62366G | 53.53          | 74.00          | -20.47      | 3        | Horizontal | 172         | 1.10       | -        |
| 5310MHz                        | Pass   | PK   | 15.92558G | 55.98          | 74.00          | -18.02      | 3        | Horizontal | 322         | 1.21       | -        |
| 5510MHz                        | Pass   | AV   | 5.4536G   | 50.46          | 54.00          | -3.54       | 3        | Vertical   | 289         | 2.06       | -        |
| 5510MHz                        | Pass   | AV   | 5.506G    | 96.06          | Inf            | -Inf        | 3        | Vertical   | 289         | 2.06       | -        |
| 5510MHz                        | Pass   | PK   | 5.4608G   | 60.77          | 68.20          | -7.43       | 3        | Vertical   | 289         | 2.06       | -        |
| 5510MHz                        | Pass   | PK   | 5.5112G   | 105.07         | Inf            | -Inf        | 3        | Vertical   | 289         | 2.06       | -        |
| 5510MHz                        | Pass   | AV   | 5.4592G   | 53.40          | 54.00          | -0.60       | 3        | Horizontal | 327         | 2.50       | -        |
| 5510MHz                        | Pass   | AV   | 5.5068G   | 100.54         | Inf            | -Inf        | 3        | Horizontal | 327         | 2.50       | -        |
| 5510MHz                        | Pass   | PK   | 5.4688G   | 67.52          | 68.20          | -0.68       | 3        | Horizontal | 327         | 2.50       | -        |
| 5510MHz                        | Pass   | PK   | 5.5068G   | 110.23         | Inf            | -Inf        | 3        | Horizontal | 327         | 2.50       | -        |
| 5510MHz                        | Pass   | AV   | 10.99488G | 43.97          | 54.00          | -10.03      | 3        | Vertical   | 360         | 1.50       | -        |
| 5510MHz                        | Pass   | PK   | 11.04288G | 54.32          | 74.00          | -19.68      | 3        | Vertical   | 360         | 1.50       | -        |
| 5510MHz                        | Pass   | PK   | 16.52264G | 58.25          | 68.20          | -9.95       | 3        | Vertical   | 120         | 2.21       | -        |
| 5510MHz                        | Pass   | AV   | 11.02G    | 44.41          | 54.00          | -9.59       | 3        | Horizontal | 15          | 1.00       | -        |
| 5510MHz                        | Pass   | PK   | 11.0216G  | 55.12          | 74.00          | -18.88      | 3        | Horizontal | 15          | 1.00       | -        |
| 5510MHz                        | Pass   | PK   | 16.52704G | 58.14          | 68.20          | -10.06      | 3        | Horizontal | 165         | 1.41       | -        |
| 5550MHz                        | Pass   | AV   | 5.4572G   | 50.72          | 54.00          | -3.28       | 3        | Vertical   | 288         | 2.05       | -        |
| 5550MHz                        | Pass   | AV   | 5.5464G   | 101.78         | Inf            | -Inf        | 3        | Vertical   | 288         | 2.05       | -        |
| 5550MHz                        | Pass   | PK   | 5.468G    | 64.06          | 68.20          | -4.14       | 3        | Vertical   | 288         | 2.05       | -        |
| 5550MHz                        | Pass   | PK   | 5.544G    | 110.89         | Inf            | -Inf        | 3        | Vertical   | 288         | 2.05       | -        |
| 5550MHz                        | Pass   | AV   | 5.4588G   | 53.04          | 54.00          | -0.96       | 3        | Horizontal | 198         | 1.00       | -        |
| 5550MHz                        | Pass   | AV   | 5.5512G   | 105.63         | Inf            | -Inf        | 3        | Horizontal | 198         | 1.00       | -        |
| 5550MHz                        | Pass   | PK   | 5.47G     | 66.62          | 68.20          | -1.58       | 3        | Horizontal | 198         | 1.00       | -        |
| 5550MHz                        | Pass   | PK   | 5.5536G   | 114.68         | Inf            | -Inf        | 3        | Horizontal | 198         | 1.00       | -        |
| 5550MHz                        | Pass   | AV   | 11.1072G  | 44.93          | 54.00          | -9.07       | 3        | Vertical   | 327         | 1.11       | -        |
| 5550MHz                        | Pass   | PK   | 11.06288G | 56.47          | 74.00          | -17.53      | 3        | Vertical   | 327         | 1.11       | -        |
| 5550MHz                        | Pass   | PK   | 16.65008G | 58.78          | 68.20          | -9.42       | 3        | Vertical   | 174         | 1.62       | -        |
| 5550MHz                        | Pass   | AV   | 11.10432G | 46.17          | 54.00          | -7.83       | 3        | Horizontal | 36          | 1.06       | -        |
| 5550MHz                        | Pass   | PK   | 11.10016G | 56.04          | 74.00          | -17.96      | 3        | Horizontal | 36          | 1.06       | -        |
| 5550MHz                        | Pass   | PK   | 16.66832G | 58.33          | 68.20          | -9.87       | 3        | Horizontal | 251         | 2.84       | -        |



| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5670MHz                        | Pass   | AV   | 5.6676G   | 97.76          | Inf            | -Inf        | 3        | Vertical   | 289         | 2.08       | -        |
| 5670MHz                        | Pass   | PK   | 5.667G    | 107.30         | Inf            | -Inf        | 3        | Vertical   | 289         | 2.08       | -        |
| 5670MHz                        | Pass   | PK   | 5.7288G   | 62.61          | 68.20          | -5.59       | 3        | Vertical   | 289         | 2.08       | -        |
| 5670MHz                        | Pass   | AV   | 5.6664G   | 101.07         | Inf            | -Inf        | 3        | Horizontal | 342         | 1.07       | -        |
| 5670MHz                        | Pass   | PK   | 5.6676G   | 110.57         | Inf            | -Inf        | 3        | Horizontal | 342         | 1.07       | -        |
| 5670MHz                        | Pass   | PK   | 5.7276G   | 66.65          | 68.20          | -1.55       | 3        | Horizontal | 342         | 1.07       | -        |
| 5670MHz                        | Pass   | AV   | 11.34112G | 44.43          | 54.00          | -9.57       | 3        | Vertical   | 325         | 1.00       | -        |
| 5670MHz                        | Pass   | PK   | 11.368G   | 54.57          | 74.00          | -19.43      | 3        | Vertical   | 325         | 1.00       | -        |
| 5670MHz                        | Pass   | PK   | 17.01956G | 58.52          | 68.20          | -9.68       | 3        | Vertical   | 66          | 2.79       | -        |
| 5670MHz                        | Pass   | AV   | 11.34384G | 44.94          | 54.00          | -9.06       | 3        | Horizontal | 34          | 1.00       | -        |
| 5670MHz                        | Pass   | PK   | 11.32976G | 55.20          | 74.00          | -18.80      | 3        | Horizontal | 34          | 1.00       | -        |
| 5670MHz                        | Pass   | PK   | 17.01076G | 58.08          | 68.20          | -10.12      | 3        | Horizontal | 246         | 2.31       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.46G     | 46.93          | 54.00          | -7.07       | 3        | Vertical   | 293         | 2.18       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7112G   | 102.56         | Inf            | -Inf        | 3        | Vertical   | 293         | 2.18       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.464G    | 55.79          | 68.20          | -12.41      | 3        | Vertical   | 293         | 2.18       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7076G   | 111.07         | Inf            | -Inf        | 3        | Vertical   | 293         | 2.18       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8624G   | 61.56          | 68.20          | -6.64       | 3        | Vertical   | 293         | 2.18       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4316G   | 46.92          | 54.00          | -7.08       | 3        | Horizontal | 340         | 2.60       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7064G   | 107.85         | Inf            | -Inf        | 3        | Horizontal | 340         | 2.60       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.47G     | 56.85          | 68.20          | -11.35      | 3        | Horizontal | 340         | 2.60       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.704G    | 116.72         | Inf            | -Inf        | 3        | Horizontal | 340         | 2.60       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8624G   | 67.81          | 68.20          | -0.39       | 3        | Horizontal | 340         | 2.60       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.41888G | 50.66          | 54.00          | -3.34       | 3        | Vertical   | 321         | 1.00       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.41648G | 62.22          | 74.00          | -11.78      | 3        | Vertical   | 321         | 1.00       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.12056G | 61.76          | 68.20          | -6.44       | 3        | Vertical   | 256         | 2.64       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.41856G | 51.42          | 54.00          | -2.58       | 3        | Horizontal | 34          | 1.01       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.41664G | 62.30          | 74.00          | -11.70      | 3        | Horizontal | 34          | 1.01       | -        |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.13072G | 59.40          | 68.20          | -8.80       | 3        | Horizontal | 0           | 1.00       | -        |
| 802.11ac VHT80_Nss2(MCS0)_2TX  | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5290MHz                        | Pass   | AV   | 5.083G    | 49.56          | 54.00          | -4.44       | 3        | Vertical   | 280         | 2.01       | -        |
| 5290MHz                        | Pass   | AV   | 5.286G    | 91.59          | Inf            | -Inf        | 3        | Vertical   | 280         | 2.01       | -        |
| 5290MHz                        | Pass   | AV   | 5.35G     | 50.07          | 54.00          | -3.93       | 3        | Vertical   | 280         | 2.01       | -        |
| 5290MHz                        | Pass   | PK   | 5.085G    | 59.01          | 74.00          | -14.99      | 3        | Vertical   | 280         | 2.01       | -        |
| 5290MHz                        | Pass   | PK   | 5.295G    | 99.31          | Inf            | -Inf        | 3        | Vertical   | 280         | 2.01       | -        |
| 5290MHz                        | Pass   | PK   | 5.469G    | 56.66          | 68.20          | -11.54      | 3        | Vertical   | 280         | 2.01       | -        |
| 5290MHz                        | Pass   | AV   | 5.149G    | 50.83          | 54.00          | -3.17       | 3        | Horizontal | 270         | 1.01       | -        |
| 5290MHz                        | Pass   | AV   | 5.295G    | 97.26          | Inf            | -Inf        | 3        | Horizontal | 270         | 1.01       | -        |
| 5290MHz                        | Pass   | AV   | 5.35G     | 53.81          | 54.00          | -0.19       | 3        | Horizontal | 270         | 1.01       | -        |
| 5290MHz                        | Pass   | PK   | 5.149G    | 59.44          | 74.00          | -14.56      | 3        | Horizontal | 270         | 1.01       | -        |
| 5290MHz                        | Pass   | PK   | 5.289G    | 103.44         | Inf            | -Inf        | 3        | Horizontal | 270         | 1.01       | -        |
| 5290MHz                        | Pass   | PK   | 5.525G    | 57.33          | 68.20          | -10.87      | 3        | Horizontal | 270         | 1.01       | -        |
| 5290MHz                        | Pass   | AV   | 15.86638G | 47.56          | 54.00          | -6.44       | 3        | Vertical   | 27          | 2.71       | -        |
| 5290MHz                        | Pass   | PK   | 10.57728G | 53.49          | 68.20          | -14.71      | 3        | Vertical   | 247         | 1.59       | -        |
| 5290MHz                        | Pass   | PK   | 15.86564G | 56.06          | 74.00          | -17.94      | 3        | Vertical   | 27          | 2.71       | -        |
| 5290MHz                        | Pass   | AV   | 15.87146G | 47.55          | 54.00          | -6.45       | 3        | Horizontal | 310         | 1.40       | -        |
| 5290MHz                        | Pass   | PK   | 10.58318G | 53.90          | 68.20          | -14.30      | 3        | Horizontal | 61          | 2.95       | -        |
| 5290MHz                        | Pass   | PK   | 15.87026G | 57.01          | 74.00          | -16.99      | 3        | Horizontal | 310         | 1.40       | -        |
| 5530MHz                        | Pass   | AV   | 5.458G    | 49.88          | 54.00          | -4.12       | 3        | Vertical   | 280         | 1.81       | -        |
| 5530MHz                        | Pass   | AV   | 5.534G    | 89.46          | Inf            | -Inf        | 3        | Vertical   | 280         | 1.81       | -        |
| 5530MHz                        | Pass   | PK   | 5.467G    | 57.61          | 68.20          | -10.59      | 3        | Vertical   | 280         | 1.81       | -        |
| 5530MHz                        | Pass   | PK   | 5.528G    | 97.10          | Inf            | -Inf        | 3        | Vertical   | 280         | 1.81       | -        |
| 5530MHz                        | Pass   | PK   | 5.734G    | 57.44          | 68.20          | -10.76      | 3        | Vertical   | 280         | 1.81       | -        |
| 5530MHz                        | Pass   | AV   | 5.454G    | 53.79          | 54.00          | -0.21       | 3        | Horizontal | 268         | 1.00       | -        |
| 5530MHz                        | Pass   | AV   | 5.533G    | 95.60          | Inf            | -Inf        | 3        | Horizontal | 268         | 1.00       | -        |
| 5530MHz                        | Pass   | PK   | 5.466G    | 63.01          | 68.20          | -5.19       | 3        | Horizontal | 268         | 1.00       | -        |
| 5530MHz                        | Pass   | PK   | 5.526G    | 102.90         | Inf            | -Inf        | 3        | Horizontal | 268         | 1.00       | -        |
| 5530MHz                        | Pass   | PK   | 5.753G    | 58.52          | 68.20          | -9.68       | 3        | Horizontal | 268         | 1.00       | -        |
| 5530MHz                        | Pass   | AV   | 11.0632G  | 44.81          | 54.00          | -9.19       | 3        | Vertical   | 216         | 1.46       | -        |
| 5530MHz                        | Pass   | PK   | 11.06498G | 55.59          | 74.00          | -18.41      | 3        | Vertical   | 216         | 1.46       | -        |
| 5530MHz                        | Pass   | PK   | 16.58998G | 58.27          | 68.20          | -9.93       | 3        | Vertical   | 243         | 1.60       | -        |
| 5530MHz                        | Pass   | AV   | 11.055G   | 44.80          | 54.00          | -9.20       | 3        | Horizontal | 291         | 2.16       | -        |
| 5530MHz                        | Pass   | PK   | 11.05728G | 55.00          | 74.00          | -19.00      | 3        | Horizontal | 291         | 2.16       | -        |



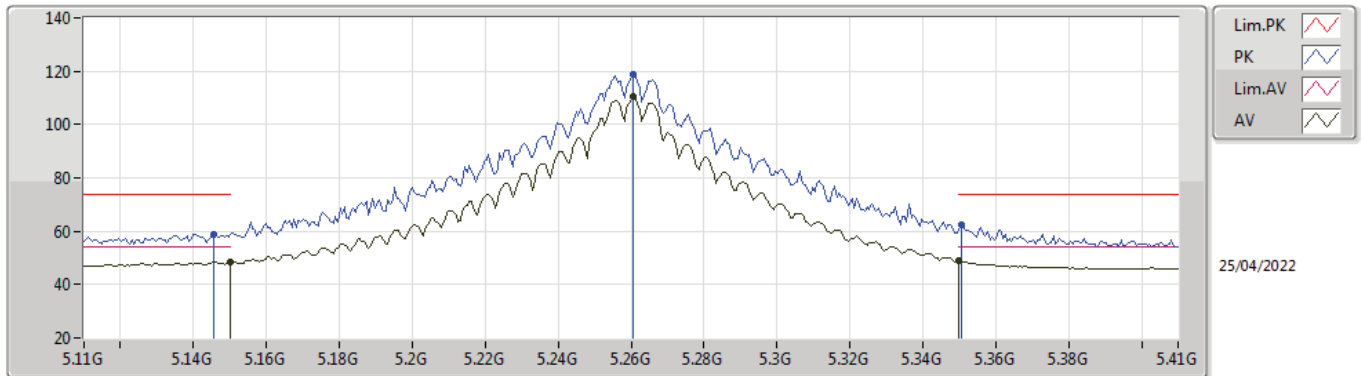
## RSE TX above 1GHz

## Appendix E.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5530MHz                        | Pass   | PK   | 16.58666G | 58.87          | 68.20          | -9.33       | 3        | Horizontal | 98          | 2.74       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4152G   | 49.62          | 54.00          | -4.38       | 3        | Vertical   | 285         | 1.93       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.6876G   | 100.54         | Inf            | -Inf        | 3        | Vertical   | 285         | 1.93       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4668G   | 57.85          | 68.20          | -10.35      | 3        | Vertical   | 285         | 1.93       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.6792G   | 108.32         | Inf            | -Inf        | 3        | Vertical   | 285         | 1.93       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8508G   | 65.77          | 68.20          | -2.43       | 3        | Vertical   | 285         | 1.93       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4308G   | 49.17          | 54.00          | -4.83       | 3        | Horizontal | 338         | 1.01       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.6852G   | 105.40         | Inf            | -Inf        | 3        | Horizontal | 338         | 1.01       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4656G   | 57.30          | 68.20          | -10.90      | 3        | Horizontal | 338         | 1.01       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.6948G   | 112.24         | Inf            | -Inf        | 3        | Horizontal | 338         | 1.01       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8556G   | 67.72          | 68.20          | -0.48       | 3        | Horizontal | 338         | 1.01       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.39856G | 48.03          | 54.00          | -5.97       | 3        | Vertical   | 322         | 1.00       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.39888G | 56.63          | 74.00          | -17.37      | 3        | Vertical   | 322         | 1.00       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.06076G | 58.43          | 68.20          | -9.77       | 3        | Vertical   | 228         | 1.74       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.4136G  | 47.39          | 54.00          | -6.61       | 3        | Horizontal | 360         | 1.00       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.4312G  | 55.91          | 74.00          | -18.09      | 3        | Horizontal | 360         | 1.00       | -        |
| 5690MHz Straddle 5.47-5.725GHz | Pass   | PK   | 17.06672G | 57.99          | 68.20          | -10.21      | 3        | Horizontal | 48          | 2.88       | -        |

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

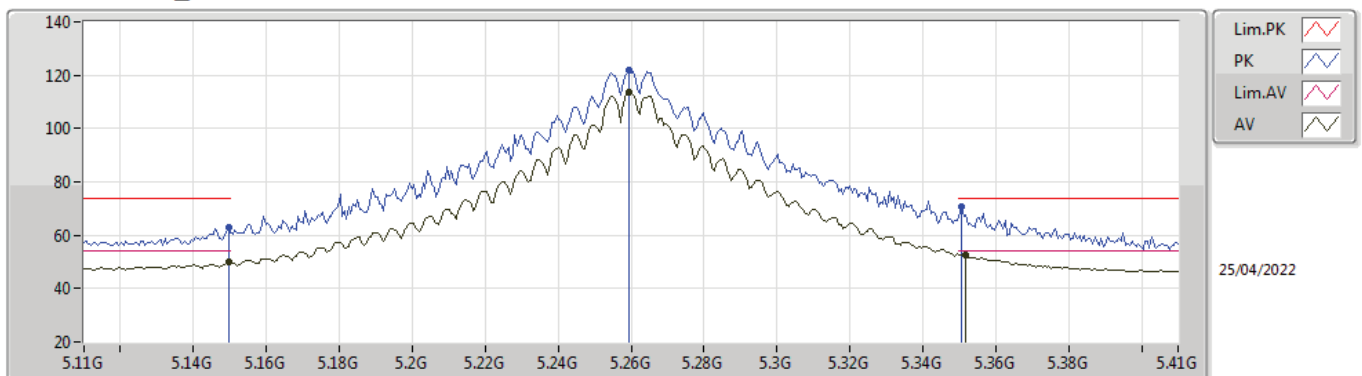
### 5260MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.15G   | 48.47    | 54.00    | -5.53  | 5.21   | 3    | Vertical  | 311     | 2.54   | -       | 43.26  | 33.10 | 6.87 | 34.76 |
| AV   | 5.2606G | 110.39   | Inf      | -Inf   | 5.25   | 3    | Vertical  | 311     | 2.54   | -       | 105.14 | 33.06 | 6.96 | 34.77 |
| AV   | 5.35G   | 49.01    | 54.00    | -4.99  | 4.99   | 3    | Vertical  | 311     | 2.54   | -       | 44.02  | 32.70 | 7.06 | 34.77 |
| PK   | 5.1454G | 58.76    | 74.00    | -15.24 | 5.20   | 3    | Vertical  | 311     | 2.54   | -       | 53.56  | 33.09 | 6.87 | 34.76 |
| PK   | 5.2606G | 118.87   | Inf      | -Inf   | 5.25   | 3    | Vertical  | 311     | 2.54   | -       | 113.62 | 33.06 | 6.96 | 34.77 |
| PK   | 5.3506G | 62.19    | 74.00    | -11.81 | 4.99   | 3    | Vertical  | 311     | 2.54   | -       | 57.20  | 32.70 | 7.06 | 34.77 |

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

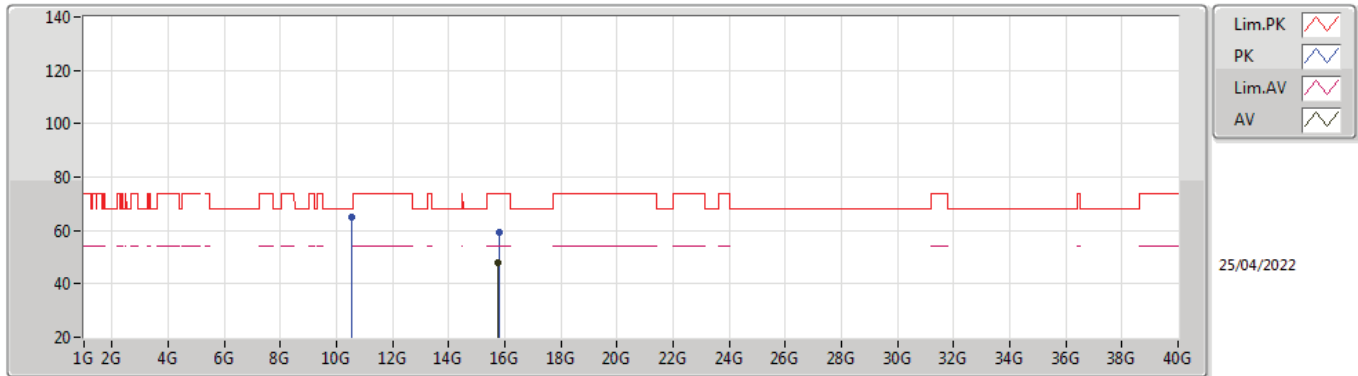
### 5260MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1496G | 49.75    | 54.00    | -4.25  | 5.21   | 3    | Horizontal | 346     | 1.02   | -       | 44.54  | 33.10 | 6.87 | 34.76 |
| AV   | 5.2594G | 113.78   | Inf      | -Inf   | 5.25   | 3    | Horizontal | 346     | 1.02   | -       | 108.53 | 33.06 | 6.96 | 34.77 |
| AV   | 5.3518G | 52.71    | 54.00    | -1.29  | 5.00   | 3    | Horizontal | 346     | 1.02   | -       | 47.71  | 32.71 | 7.06 | 34.77 |
| PK   | 5.1496G | 62.98    | 74.00    | -11.02 | 5.21   | 3    | Horizontal | 346     | 1.02   | -       | 57.77  | 33.10 | 6.87 | 34.76 |
| PK   | 5.2594G | 121.82   | Inf      | -Inf   | 5.25   | 3    | Horizontal | 346     | 1.02   | -       | 116.57 | 33.06 | 6.96 | 34.77 |
| PK   | 5.3506G | 70.59    | 74.00    | -3.41  | 4.99   | 3    | Horizontal | 346     | 1.02   | -       | 65.60  | 32.70 | 7.06 | 34.77 |

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

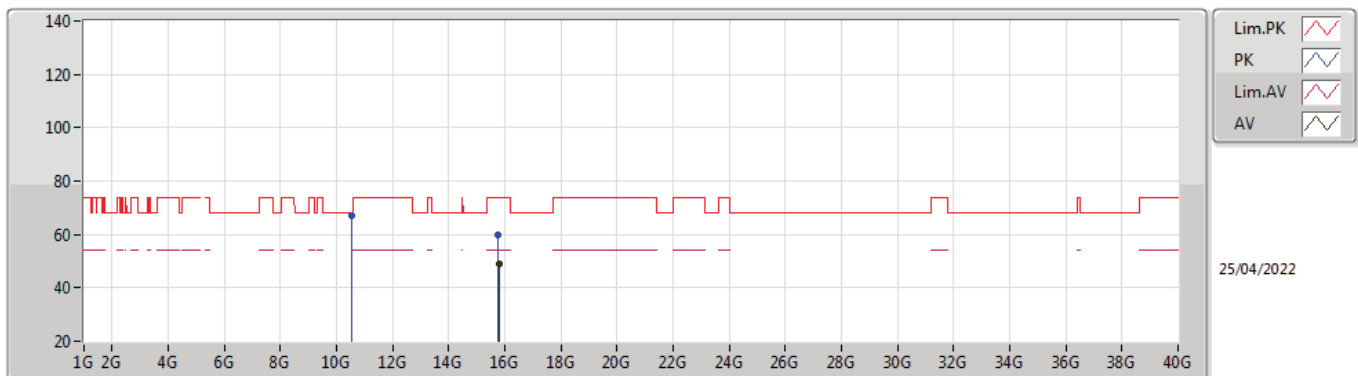
### 5260MHz\_TnomVnom



| 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   | 15.77606G    | 47.92             | 54.00             | -6.08          | 15.30          | 3           | Vertical  | 300            | 2.38          | -       | 32.62         | 38.02      | 12.34      | 35.06      |
| PK   | 10.52072G    | 65.20             | 68.20             | -3.00          | 12.81          | 3           | Vertical  | 317            | 1.20          | -       | 52.39         | 38.66      | 9.04       | 34.89      |
| PK   | 15.78138G    | 59.46             | 74.00             | -14.54         | 15.30          | 3           | Vertical  | 300            | 2.38          | -       | 44.16         | 38.02      | 12.34      | 35.06      |

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

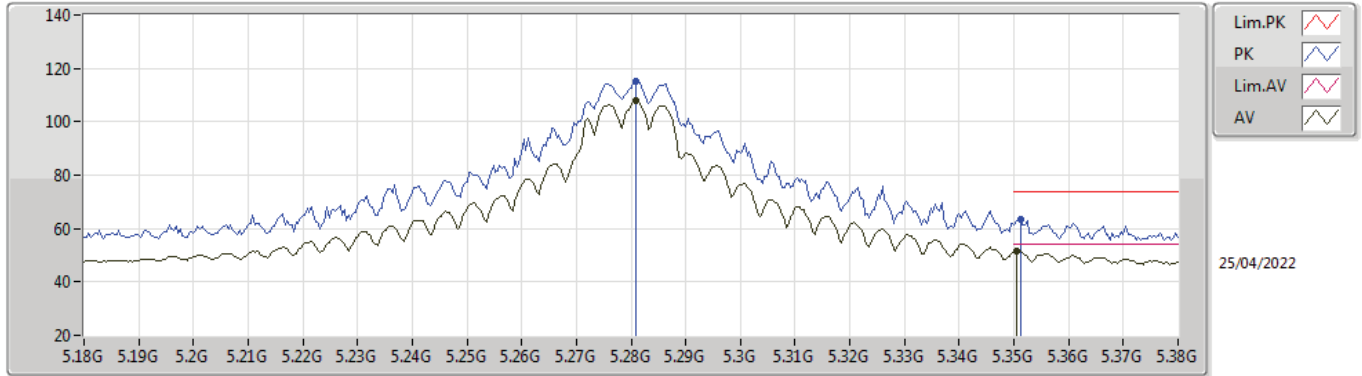
### 5260MHz\_TnomVnom



| 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   | 15.78144G    | 49.06             | 54.00             | -4.94          | 15.30          | 3           | Horizontal | 129            | 1.09          | -       | 33.76         | 38.02      | 12.34      | 35.06      |
| PK   | 10.51788G    | 67.02             | 68.20             | -1.18          | 12.80          | 3           | Horizontal | 120            | 1.00          | -       | 54.22         | 38.65      | 9.04       | 34.89      |
| PK   | 15.7761G     | 60.07             | 74.00             | -13.93         | 15.30          | 3           | Horizontal | 129            | 1.09          | -       | 44.77         | 38.02      | 12.34      | 35.06      |

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

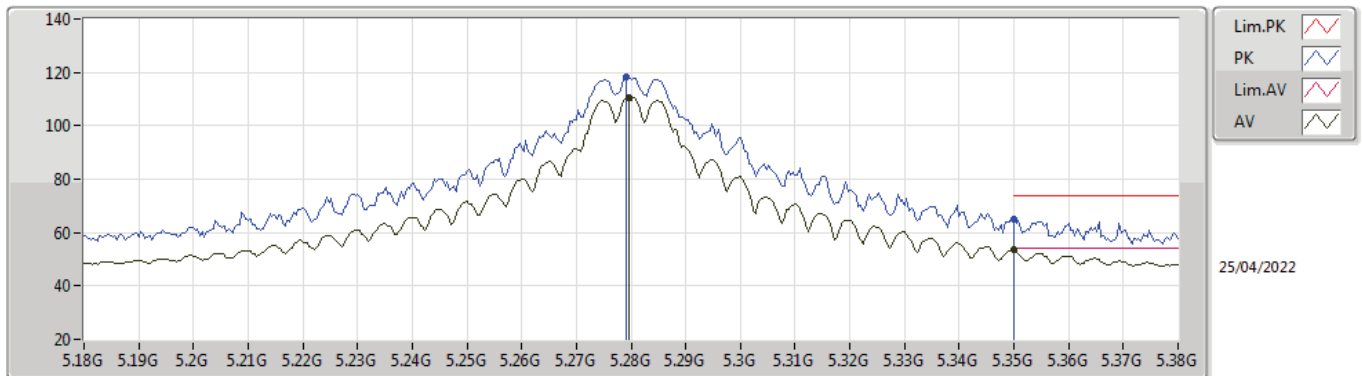
### 5280MHz\_TnomVnom



| 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   | 5.2808G      | 108.02            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 309            | 2.33          | -       | 102.83        | 32.98      | 6.98       | 34.77      |
| AV   | 5.3504G      | 51.48             | 54.00             | -2.52          | 4.99           | 3           | Vertical  | 309            | 2.33          | -       | 46.49         | 32.70      | 7.06       | 34.77      |
| PK   | 5.2808G      | 115.26            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 309            | 2.33          | -       | 110.07        | 32.98      | 6.98       | 34.77      |
| PK   | 5.3512G      | 63.62             | 74.00             | -10.38         | 5.00           | 3           | Vertical  | 309            | 2.33          | -       | 58.62         | 32.71      | 7.06       | 34.77      |

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

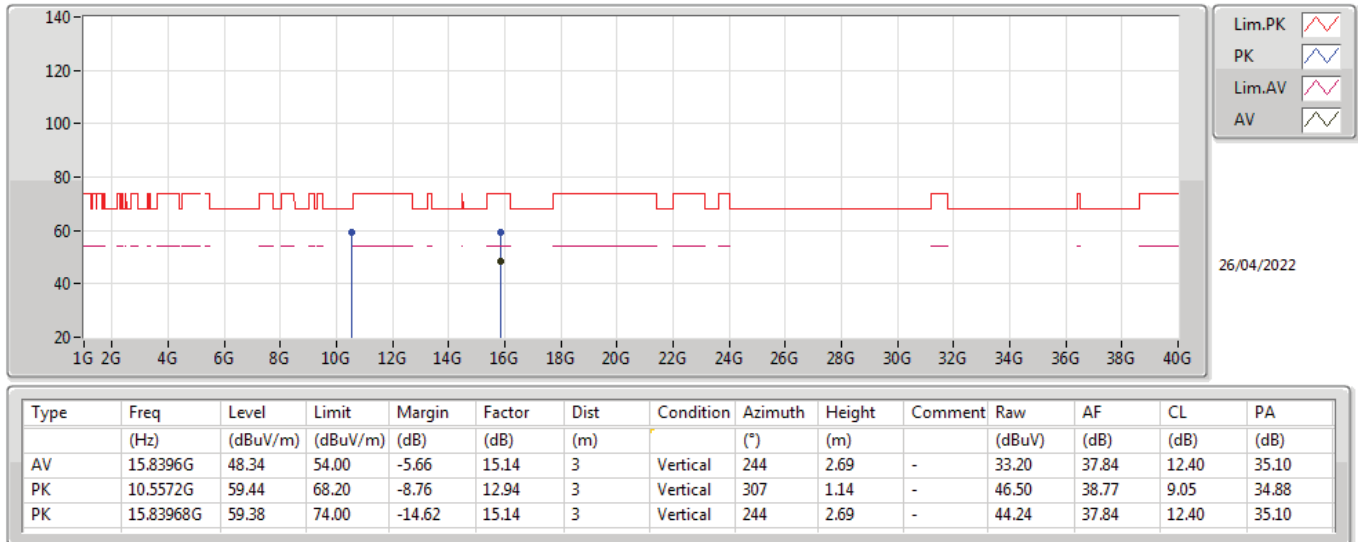
### 5280MHz\_TnomVnom



| 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   | 5.2796G      | 110.70            | Inf               | -Inf           | 5.19           | 3           | Horizontal | 346            | 1.18          | -       | 105.51        | 32.98      | 6.98       | 34.77      |
| AV   | 5.35G        | 53.75             | 54.00             | -0.25          | 4.99           | 3           | Horizontal | 346            | 1.18          | -       | 48.76         | 32.70      | 7.06       | 34.77      |
| PK   | 5.2792G      | 118.49            | Inf               | -Inf           | 5.19           | 3           | Horizontal | 346            | 1.18          | -       | 113.30        | 32.98      | 6.98       | 34.77      |
| PK   | 5.35G        | 64.83             | 74.00             | -9.17          | 4.99           | 3           | Horizontal | 346            | 1.18          | -       | 59.84         | 32.70      | 7.06       | 34.77      |

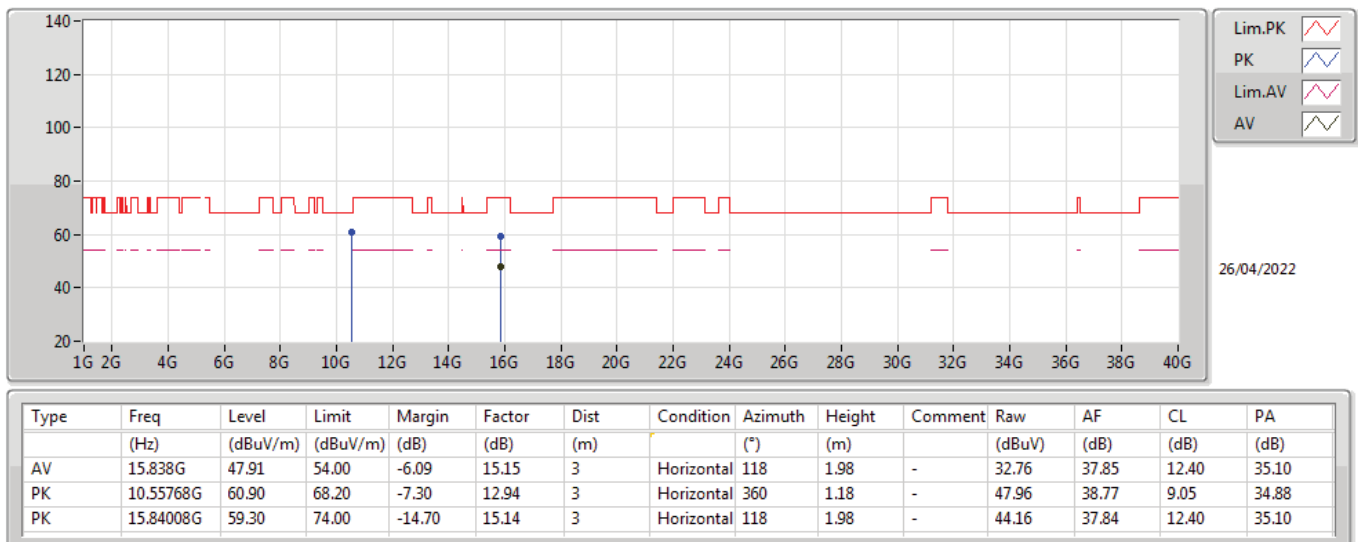
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5280MHz\_TnomVnom



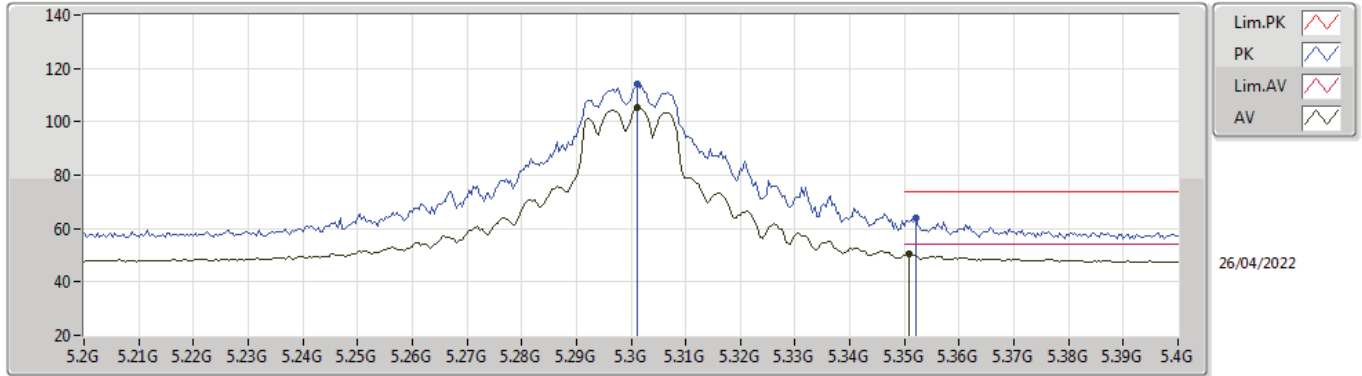
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5280MHz\_TnomVnom



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

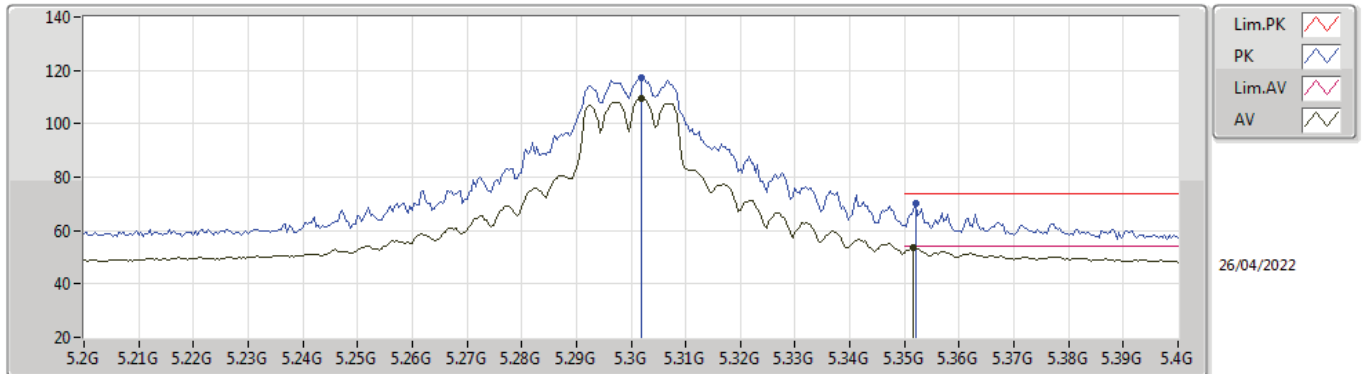
### 5300MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.3012G | 105.24   | Inf      | -Inf   | 5.14   | 3    | Vertical  | 309     | 2.34   | -       | 100.10 | 32.90 | 7.01 | 34.77 |
| AV   | 5.3508G | 50.31    | 54.00    | -3.69  | 4.99   | 3    | Vertical  | 309     | 2.34   | -       | 45.32  | 32.70 | 7.06 | 34.77 |
| PK   | 5.3012G | 113.88   | Inf      | -Inf   | 5.14   | 3    | Vertical  | 309     | 2.34   | -       | 108.74 | 32.90 | 7.01 | 34.77 |
| PK   | 5.352G  | 64.21    | 74.00    | -9.79  | 5.00   | 3    | Vertical  | 309     | 2.34   | -       | 59.21  | 32.71 | 7.06 | 34.77 |

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

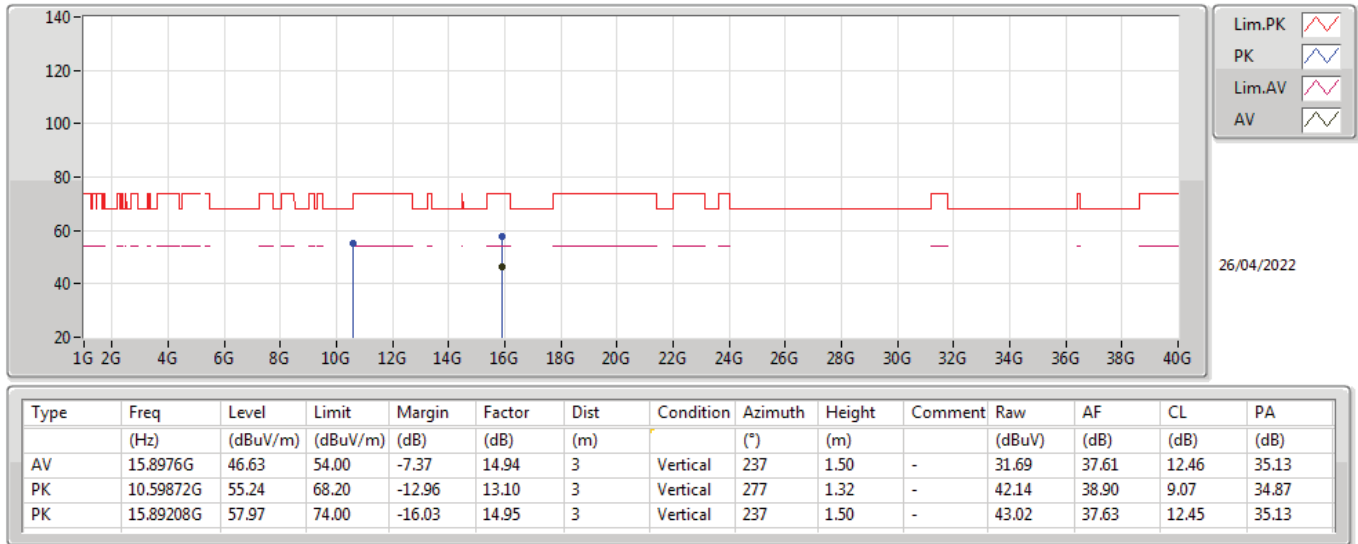
### 5300MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.302G  | 109.36   | Inf      | -Inf   | 5.13   | 3    | Horizontal | 333     | 2.84   | -       | 104.23 | 32.89 | 7.01 | 34.77 |
| AV   | 5.3516G | 53.44    | 54.00    | -0.56  | 5.00   | 3    | Horizontal | 333     | 2.84   | -       | 48.44  | 32.71 | 7.06 | 34.77 |
| PK   | 5.302G  | 117.33   | Inf      | -Inf   | 5.13   | 3    | Horizontal | 333     | 2.84   | -       | 112.20 | 32.89 | 7.01 | 34.77 |
| PK   | 5.352G  | 70.21    | 74.00    | -3.79  | 5.00   | 3    | Horizontal | 333     | 2.84   | -       | 65.21  | 32.71 | 7.06 | 34.77 |

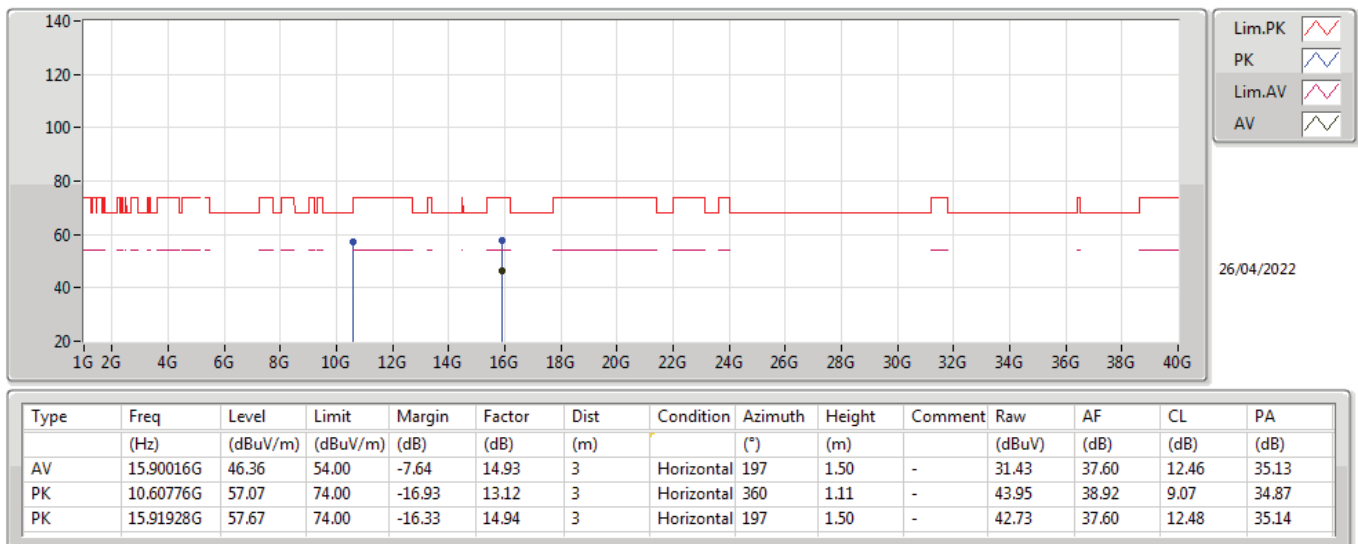
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TnomVnom



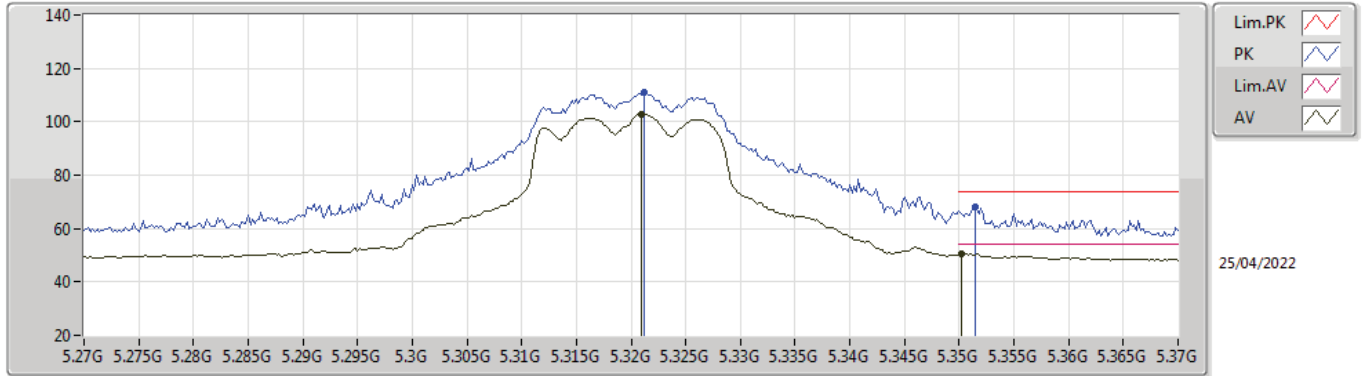
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TnomVnom



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

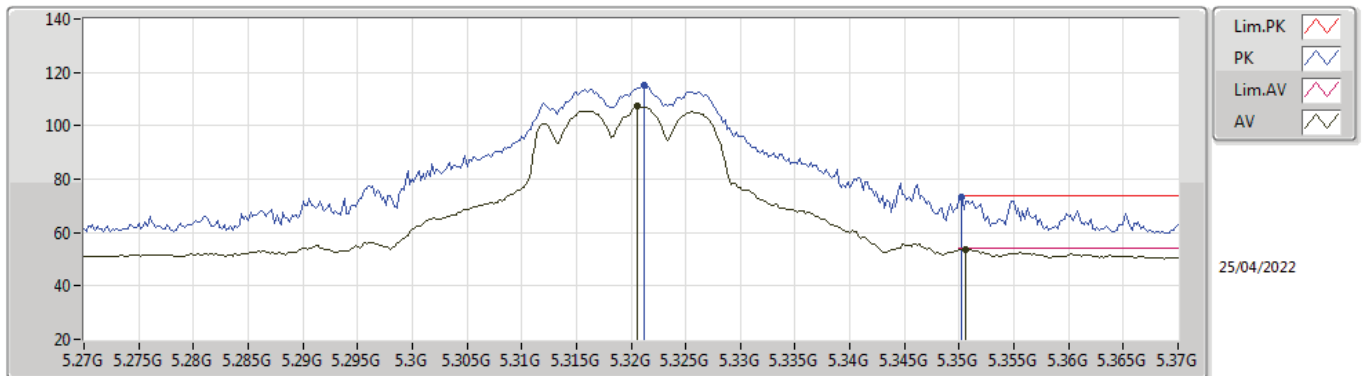
### 5320MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.321G  | 102.73   | Inf      | -Inf   | 5.08   | 3    | Vertical  | 310     | 2.20   | -       | 97.65  | 32.82 | 7.03 | 34.77 |
| AV   | 5.3502G | 50.47    | 54.00    | -3.53  | 4.99   | 3    | Vertical  | 310     | 2.20   | -       | 45.48  | 32.70 | 7.06 | 34.77 |
| PK   | 5.3212G | 110.99   | Inf      | -Inf   | 5.08   | 3    | Vertical  | 310     | 2.20   | -       | 105.91 | 32.82 | 7.03 | 34.77 |
| PK   | 5.3514G | 68.27    | 74.00    | -5.73  | 5.00   | 3    | Vertical  | 310     | 2.20   | -       | 63.27  | 32.71 | 7.06 | 34.77 |

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

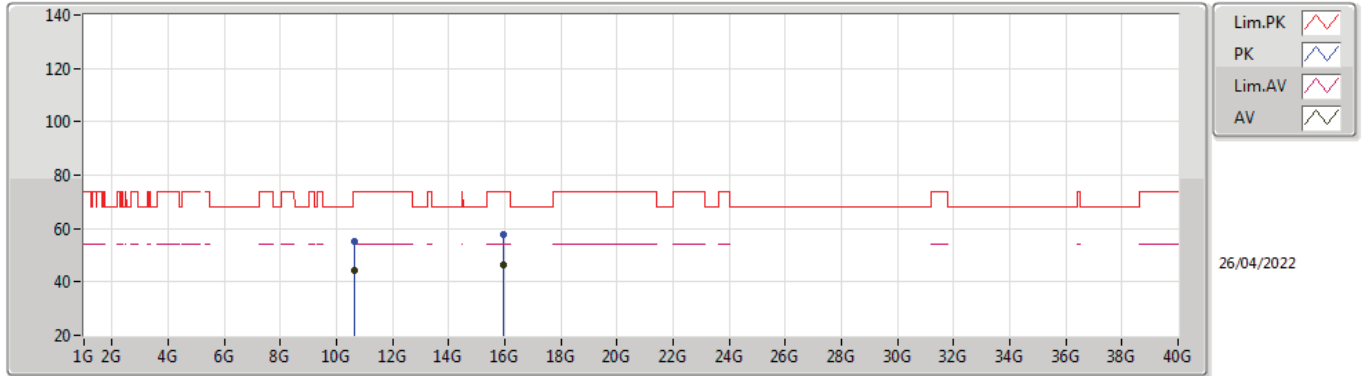
### 5320MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.3206G | 107.30   | Inf      | -Inf   | 5.08   | 3    | Horizontal | 303     | 2.80   | -       | 102.22 | 32.82 | 7.03 | 34.77 |
| AV   | 5.3506G | 53.76    | 54.00    | -0.24  | 4.99   | 3    | Horizontal | 303     | 2.80   | -       | 48.77  | 32.70 | 7.06 | 34.77 |
| PK   | 5.3212G | 115.13   | Inf      | -Inf   | 5.08   | 3    | Horizontal | 303     | 2.80   | -       | 110.05 | 32.82 | 7.03 | 34.77 |
| PK   | 5.3502G | 73.16    | 74.00    | -0.84  | 4.99   | 3    | Horizontal | 303     | 2.80   | -       | 68.17  | 32.70 | 7.06 | 34.77 |

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

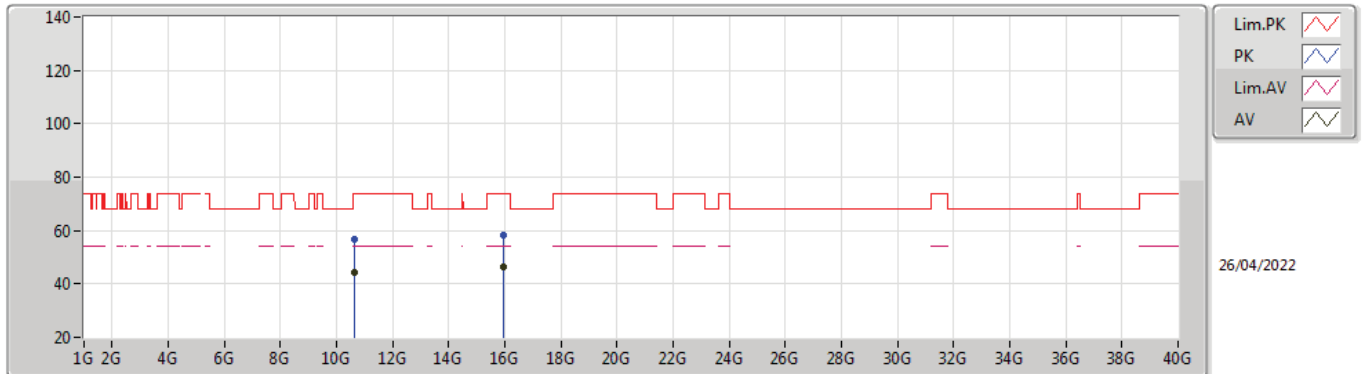
### 5320MHz\_TnomVnom



| 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   | 10.64192G | 44.10    | 54.00    | -9.90  | 13.21  | 3    | Vertical  | 310     | 2.35   | -       | 30.89  | 38.98 | 9.08  | 34.85 |
| AV   | 15.9578G  | 46.46    | 54.00    | -7.54  | 14.95  | 3    | Vertical  | 214     | 1.18   | -       | 31.51  | 37.60 | 12.52 | 35.17 |
| PK   | 10.63712G | 55.16    | 74.00    | -18.84 | 13.19  | 3    | Vertical  | 310     | 2.35   | -       | 41.97  | 38.97 | 9.08  | 34.86 |
| PK   | 15.95798G | 57.91    | 74.00    | -16.09 | 14.95  | 3    | Vertical  | 214     | 1.18   | -       | 42.96  | 37.60 | 12.52 | 35.17 |

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

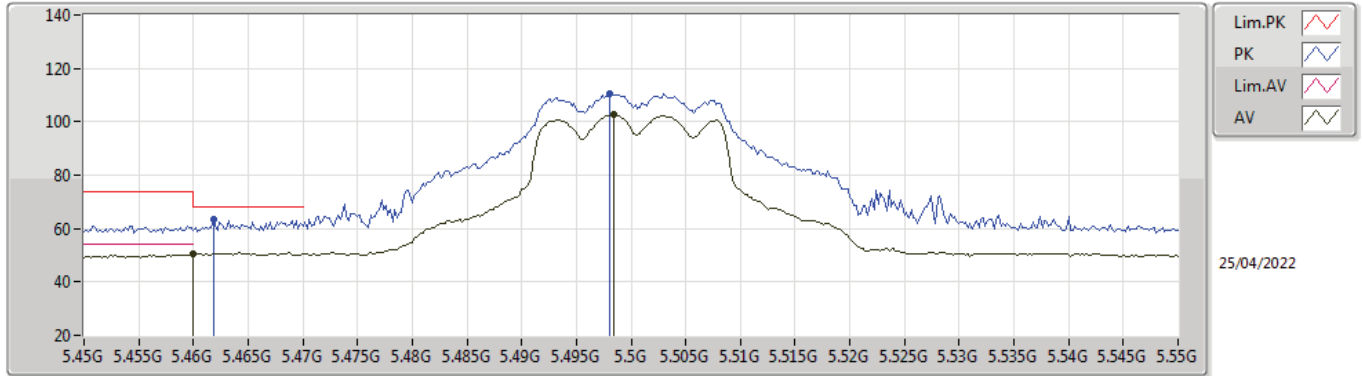
### 5320MHz\_TnomVnom



| 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   | 10.64144G | 44.42    | 54.00    | -9.58  | 13.21  | 3    | Horizontal | 360     | 1.04   | -       | 31.21  | 38.98 | 9.08  | 34.85 |
| AV   | 15.95796G | 46.42    | 54.00    | -7.58  | 14.95  | 3    | Horizontal | 226     | 1.39   | -       | 31.47  | 37.60 | 12.52 | 35.17 |
| PK   | 10.64144G | 56.82    | 74.00    | -17.18 | 13.21  | 3    | Horizontal | 360     | 1.04   | -       | 43.61  | 38.98 | 9.08  | 34.85 |
| PK   | 15.95568G | 58.40    | 74.00    | -15.60 | 14.96  | 3    | Horizontal | 226     | 1.39   | -       | 43.44  | 37.60 | 12.52 | 35.16 |

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

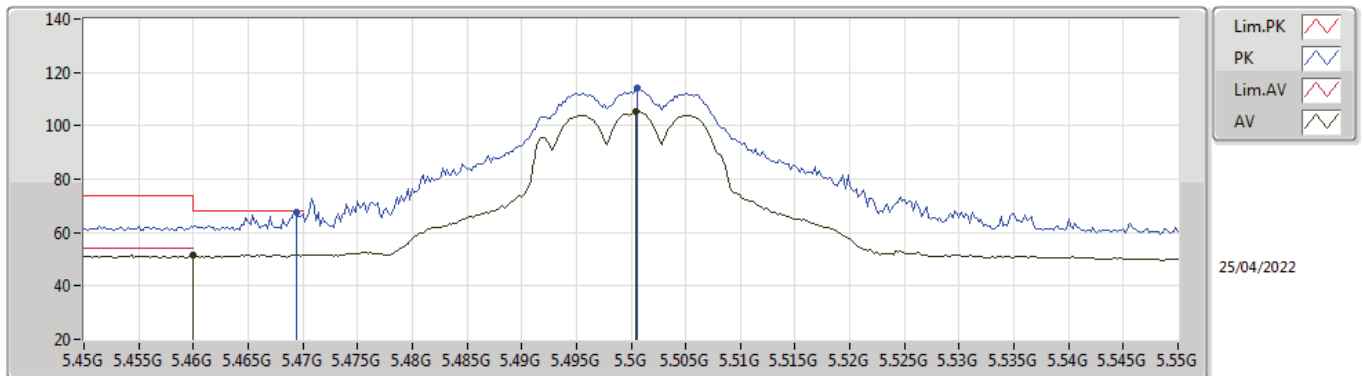
### 5500MHz\_TnomVnom



| 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   | 5.46G        | 50.29             | 54.00             | -3.71          | 5.13           | 3           | Vertical  | 276            | 3.00          | -       | 45.16         | 32.82      | 7.08       | 34.77      |
| AV   | 5.4984G      | 102.60            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 276            | 3.00          | -       | 97.41         | 32.90      | 7.06       | 34.77      |
| PK   | 5.4618G      | 63.53             | 68.20             | -4.67          | 5.13           | 3           | Vertical  | 276            | 3.00          | -       | 58.40         | 32.82      | 7.08       | 34.77      |
| PK   | 5.498G       | 110.68            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 276            | 3.00          | -       | 105.49        | 32.90      | 7.06       | 34.77      |

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

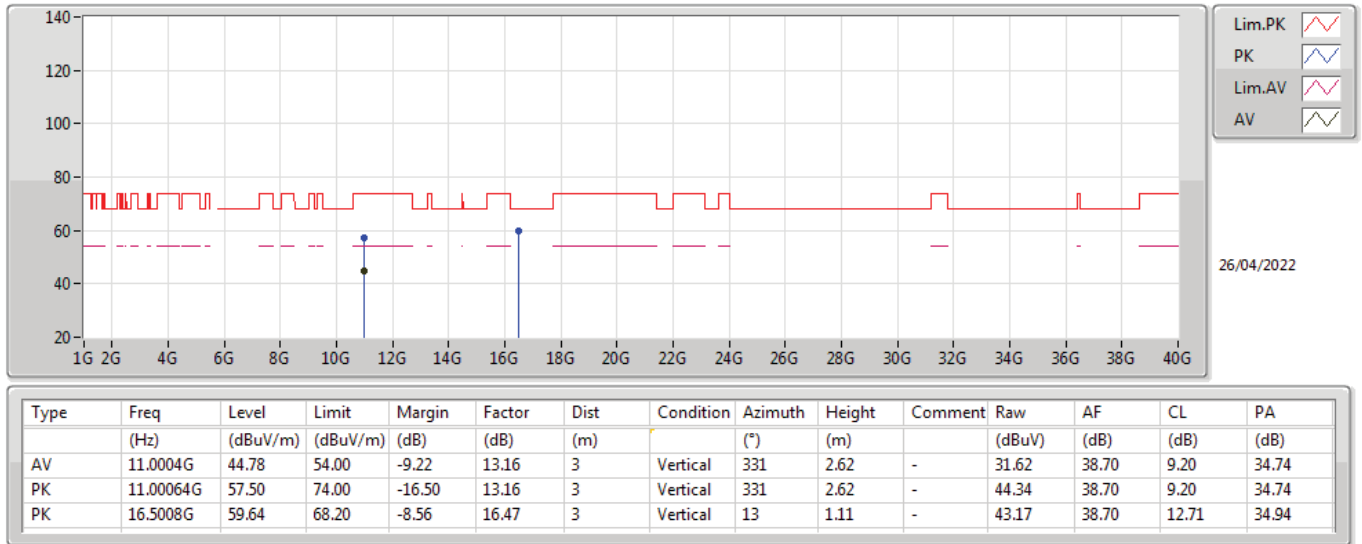
### 5500MHz\_TnomVnom



| 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   | 5.46G        | 51.50             | 54.00             | -2.50          | 5.13           | 3           | Horizontal | 340            | 1.02          | -       | 46.37         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5004G      | 105.57            | Inf               | -Inf           | 5.18           | 3           | Horizontal | 340            | 1.02          | -       | 100.39        | 32.90      | 7.05       | 34.77      |
| PK   | 5.4694G      | 67.48             | 68.20             | -0.72          | 5.14           | 3           | Horizontal | 340            | 1.02          | -       | 62.34         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5006G      | 113.88            | Inf               | -Inf           | 5.18           | 3           | Horizontal | 340            | 1.02          | -       | 108.70        | 32.90      | 7.05       | 34.77      |

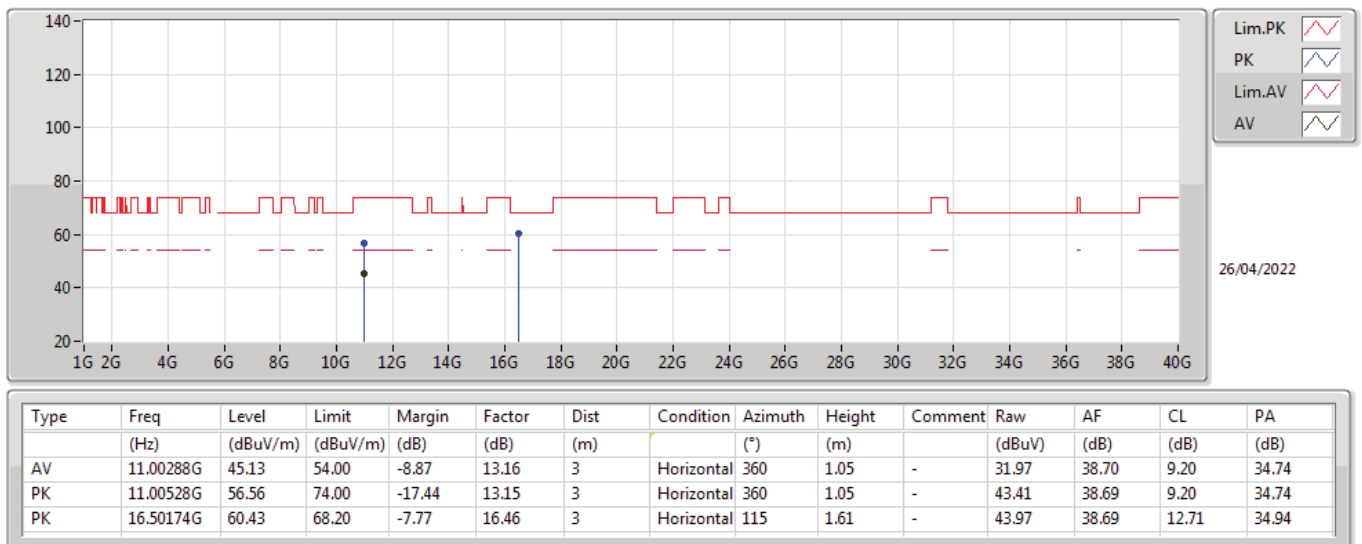
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TnomVnom



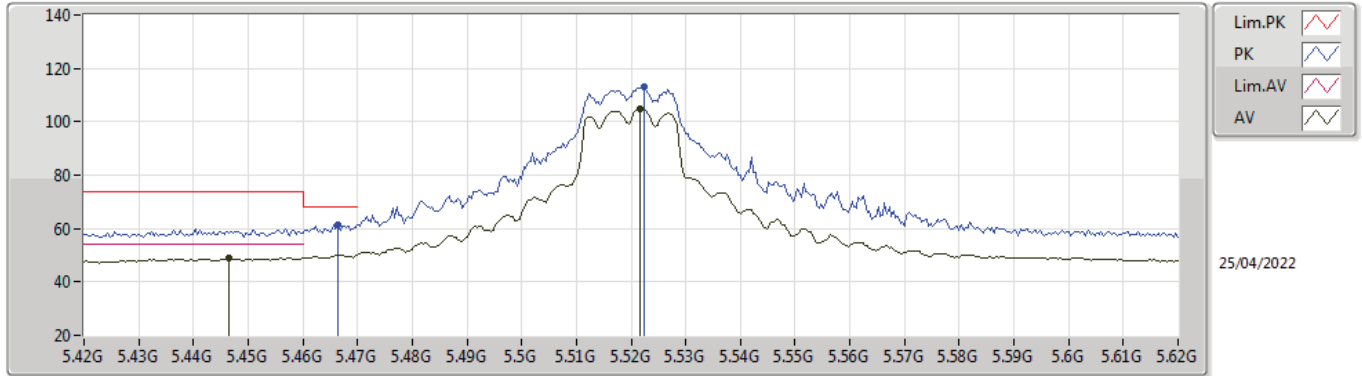
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TnomVnom



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

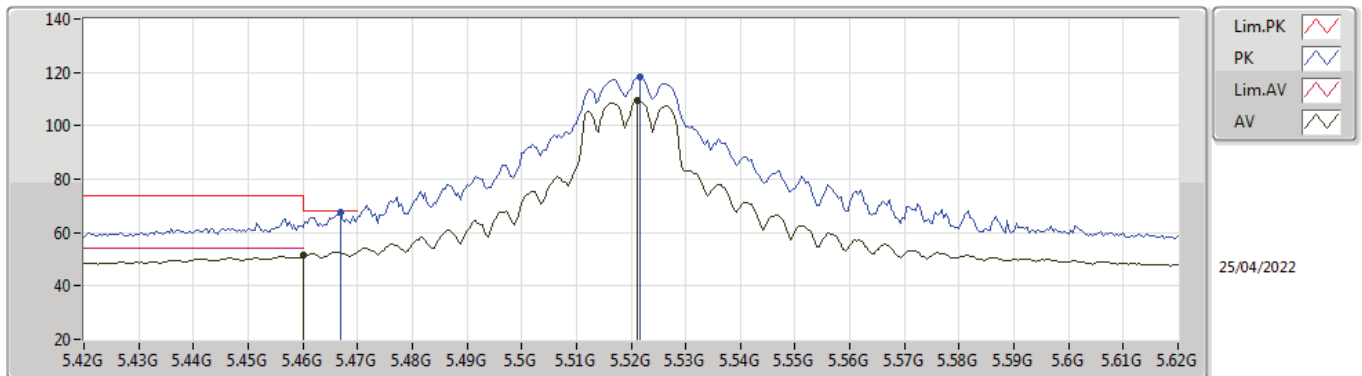
### 5520MHz\_TnomVnom



| 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   | 5.4464G      | 48.91             | 54.00             | -5.09          | 5.13           | 3           | Vertical  | 307            | 2.07          | -       | 43.78         | 32.81      | 7.09       | 34.77      |
| AV   | 5.5216G      | 104.92            | Inf               | -Inf           | 5.21           | 3           | Vertical  | 307            | 2.07          | -       | 99.71         | 32.94      | 7.04       | 34.77      |
| PK   | 5.4664G      | 61.37             | 68.20             | -6.83          | 5.14           | 3           | Vertical  | 307            | 2.07          | -       | 56.23         | 32.83      | 7.08       | 34.77      |
| PK   | 5.5224G      | 112.86            | Inf               | -Inf           | 5.21           | 3           | Vertical  | 307            | 2.07          | -       | 107.65        | 32.94      | 7.04       | 34.77      |

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

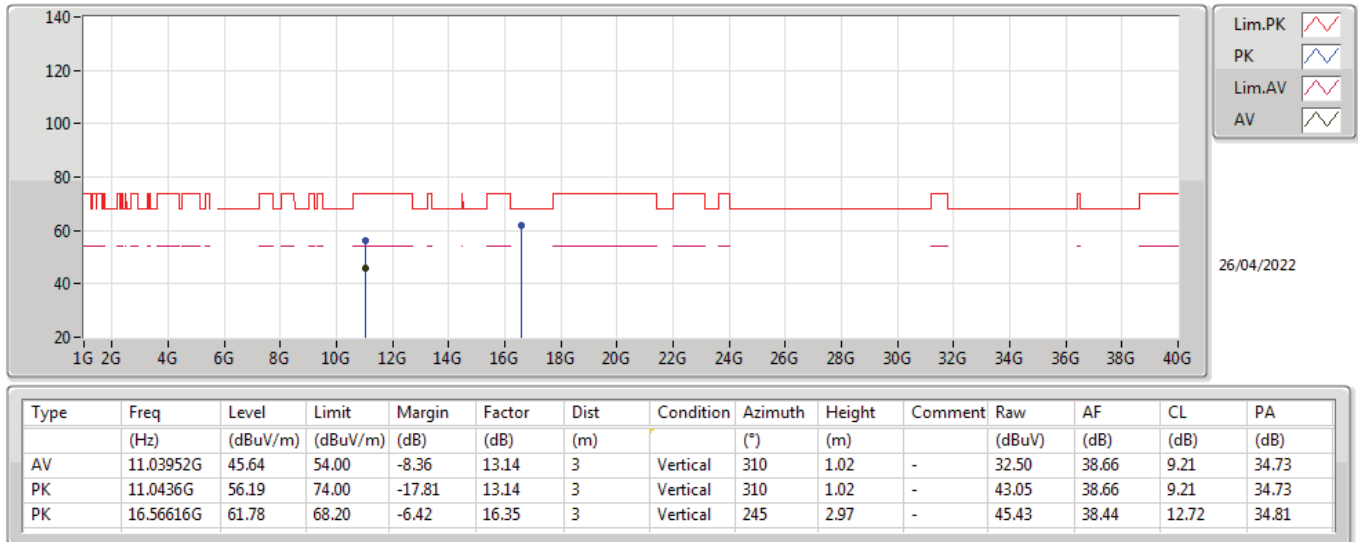
### 5520MHz\_TnomVnom



| 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   | 5.46G        | 51.51             | 54.00             | -2.49          | 5.13           | 3           | Horizontal | 338            | 2.65          | -       | 46.38         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5212G      | 109.51            | Inf               | -Inf           | 5.21           | 3           | Horizontal | 338            | 2.65          | -       | 104.30        | 32.94      | 7.04       | 34.77      |
| PK   | 5.4668G      | 67.62             | 68.20             | -0.58          | 5.14           | 3           | Horizontal | 338            | 2.65          | -       | 62.48         | 32.83      | 7.08       | 34.77      |
| PK   | 5.5216G      | 118.12            | Inf               | -Inf           | 5.21           | 3           | Horizontal | 338            | 2.65          | -       | 112.91        | 32.94      | 7.04       | 34.77      |

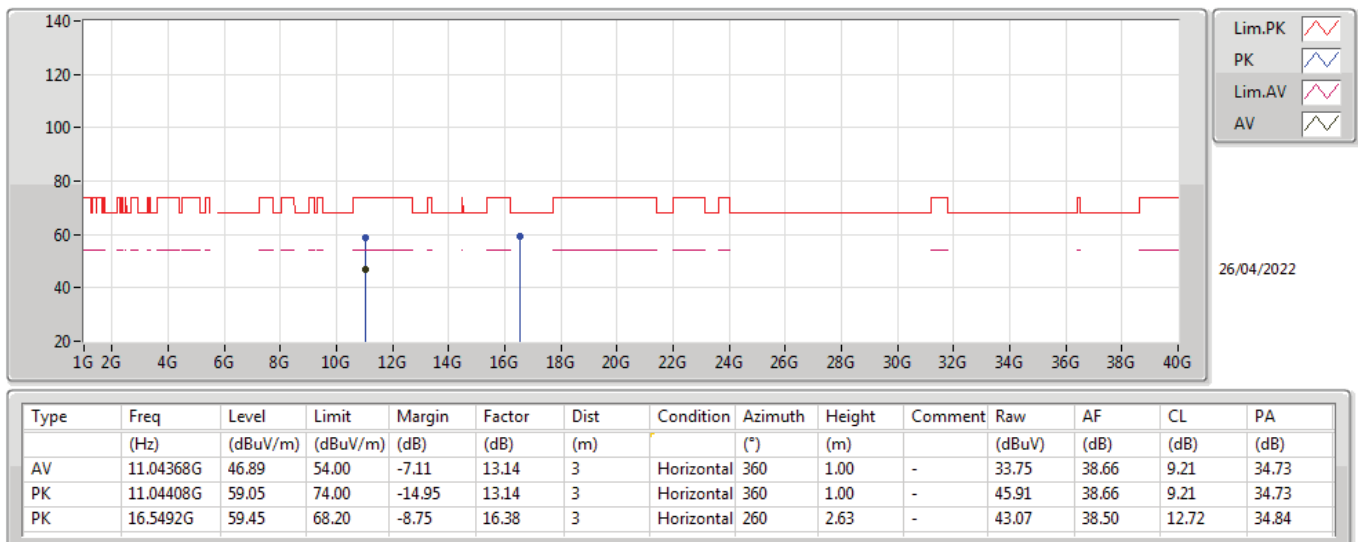
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5520MHz\_TnomVnom



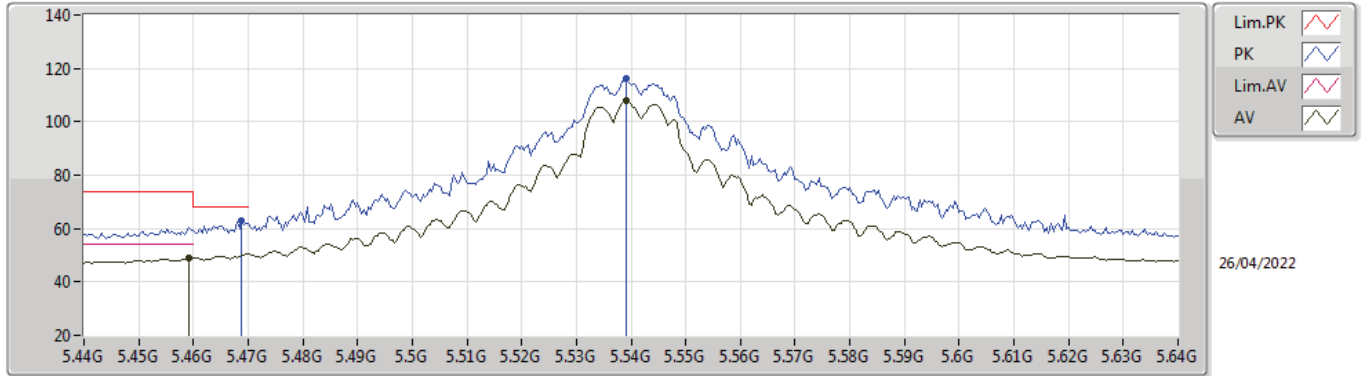
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5520MHz\_TnomVnom



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

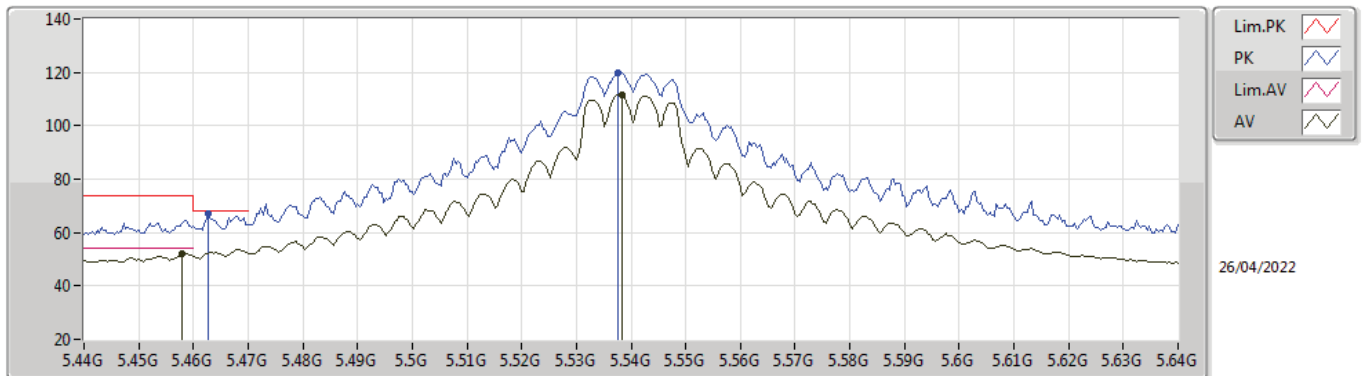
### 5540MHz\_TnomVnom



| 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   | 5.4592G      | 48.87             | 54.00             | -5.13          | 5.13           | 3           | Vertical  | 305            | 2.18          | -       | 43.74         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5392G      | 107.88            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 305            | 2.18          | -       | 102.64        | 32.98      | 7.03       | 34.77      |
| PK   | 5.4688G      | 63.03             | 68.20             | -5.17          | 5.15           | 3           | Vertical  | 305            | 2.18          | -       | 57.88         | 32.84      | 7.08       | 34.77      |
| PK   | 5.5392G      | 116.06            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 305            | 2.18          | -       | 110.82        | 32.98      | 7.03       | 34.77      |

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

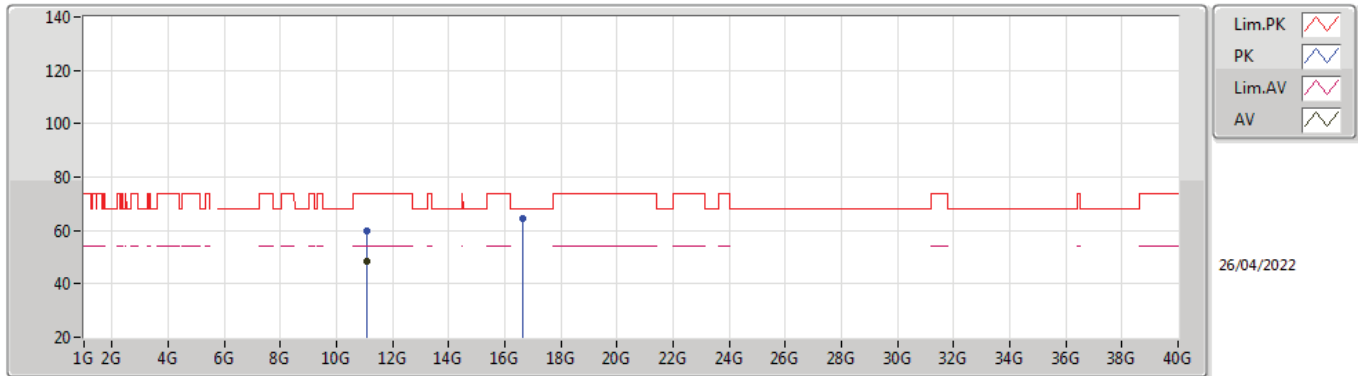
### 5540MHz\_TnomVnom



| 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   | 5.458G       | 51.87             | 54.00             | -2.13          | 5.13           | 3           | Horizontal | 336            | 1.00          | -       | 46.74         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5384G      | 111.62            | Inf               | -Inf           | 5.24           | 3           | Horizontal | 336            | 1.00          | -       | 106.38        | 32.98      | 7.03       | 34.77      |
| PK   | 5.4628G      | 66.94             | 68.20             | -1.26          | 5.14           | 3           | Horizontal | 336            | 1.00          | -       | 61.80         | 32.83      | 7.08       | 34.77      |
| PK   | 5.5376G      | 119.87            | Inf               | -Inf           | 5.24           | 3           | Horizontal | 336            | 1.00          | -       | 114.63        | 32.98      | 7.03       | 34.77      |

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

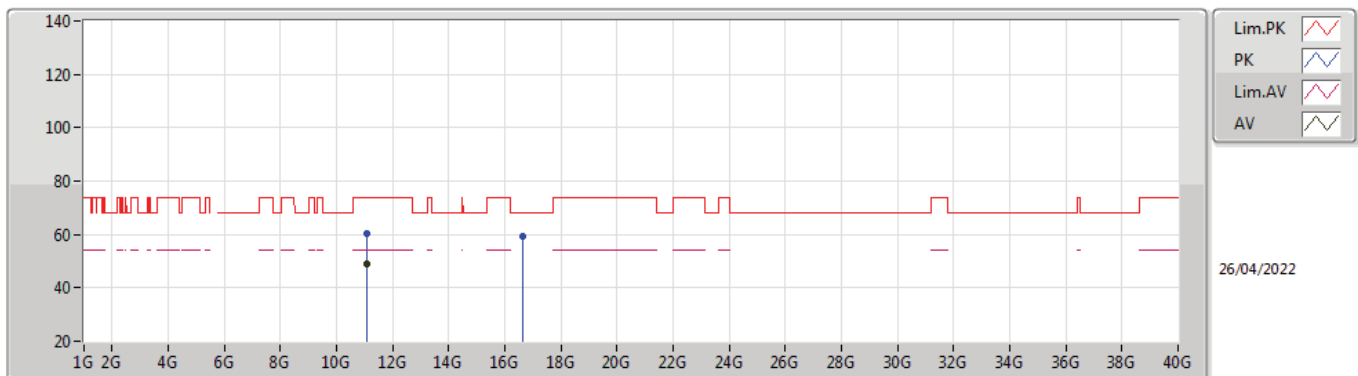
### 5540MHz\_TnomVnom



| 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   | 11.08098G    | 48.68             | 54.00             | -5.32          | 13.13          | 3           | Vertical  | 326            | 2.19          | -       | 35.55         | 38.62      | 9.23       | 34.72      |
| PK   | 11.07992G    | 59.96             | 74.00             | -14.04         | 13.13          | 3           | Vertical  | 326            | 2.19          | -       | 46.83         | 38.62      | 9.23       | 34.72      |
| PK   | 16.61612G    | 64.46             | 68.20             | -3.74          | 16.30          | 3           | Vertical  | 266            | 3.00          | -       | 48.16         | 38.27      | 12.74      | 34.71      |

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

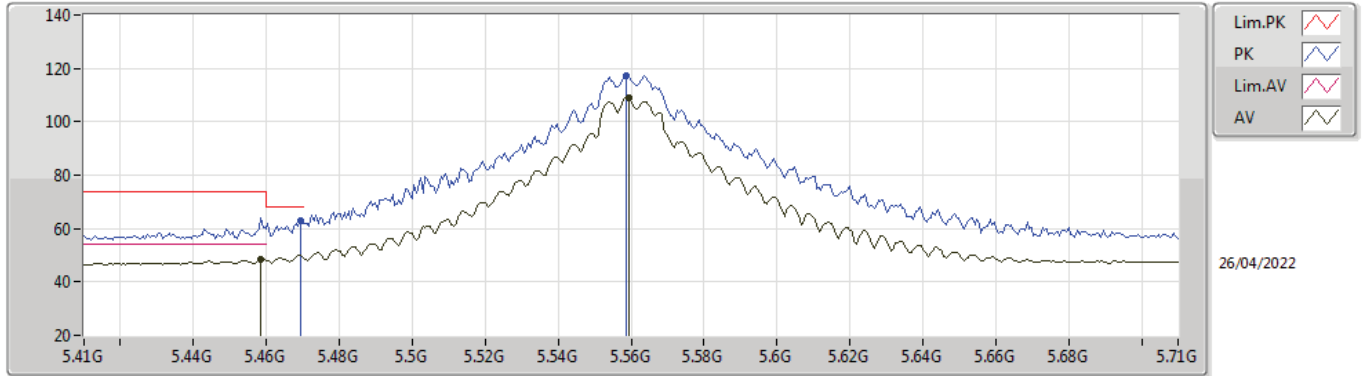
### 5540MHz\_TnomVnom



| 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   | 11.0783G     | 48.96             | 54.00             | -5.04          | 13.13          | 3           | Horizontal | 360            | 1.02          | -       | 35.83         | 38.62      | 9.23       | 34.72      |
| PK   | 11.0781G     | 60.47             | 74.00             | -13.53         | 13.13          | 3           | Horizontal | 360            | 1.02          | -       | 47.34         | 38.62      | 9.23       | 34.72      |
| PK   | 16.61998G    | 59.29             | 68.20             | -8.91          | 16.30          | 3           | Horizontal | 320            | 2.24          | -       | 42.99         | 38.26      | 12.74      | 34.70      |

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

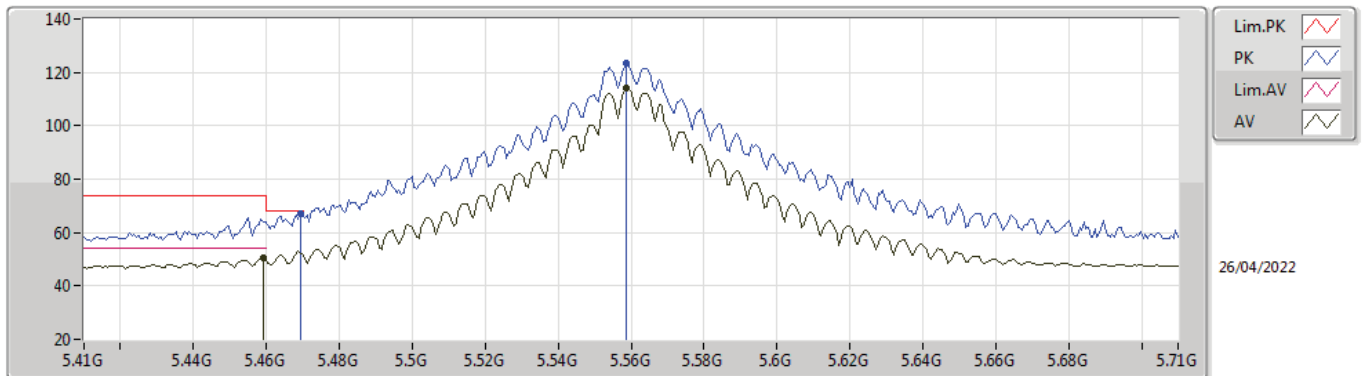
### 5560MHz\_TnomVnom



| 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   | 5.4586G      | 48.50             | 54.00             | -5.50          | 5.13           | 3           | Vertical  | 305            | 1.93          | -       | 43.37         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5594G      | 108.95            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 305            | 1.93          | -       | 103.70        | 33.00      | 7.02       | 34.77      |
| PK   | 5.4694G      | 62.80             | 68.20             | -5.40          | 5.14           | 3           | Vertical  | 305            | 1.93          | -       | 57.66         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5588G      | 117.46            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 305            | 1.93          | -       | 112.21        | 33.00      | 7.02       | 34.77      |

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

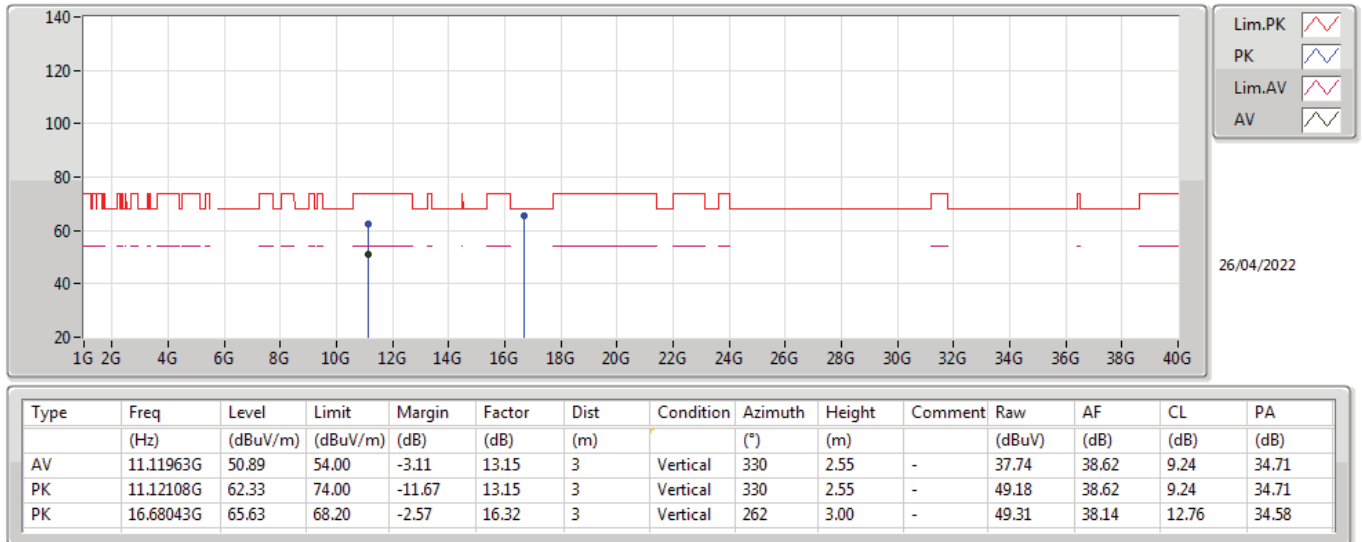
### 5560MHz\_TnomVnom



| 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   | 5.4592G      | 50.27             | 54.00             | -3.73          | 5.13           | 3           | Horizontal | 334            | 2.74          | -       | 45.14         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5588G      | 114.04            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 334            | 2.74          | -       | 108.79        | 33.00      | 7.02       | 34.77      |
| PK   | 5.4694G      | 66.91             | 68.20             | -1.29          | 5.14           | 3           | Horizontal | 334            | 2.74          | -       | 61.77         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5588G      | 123.23            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 334            | 2.74          | -       | 117.98        | 33.00      | 7.02       | 34.77      |

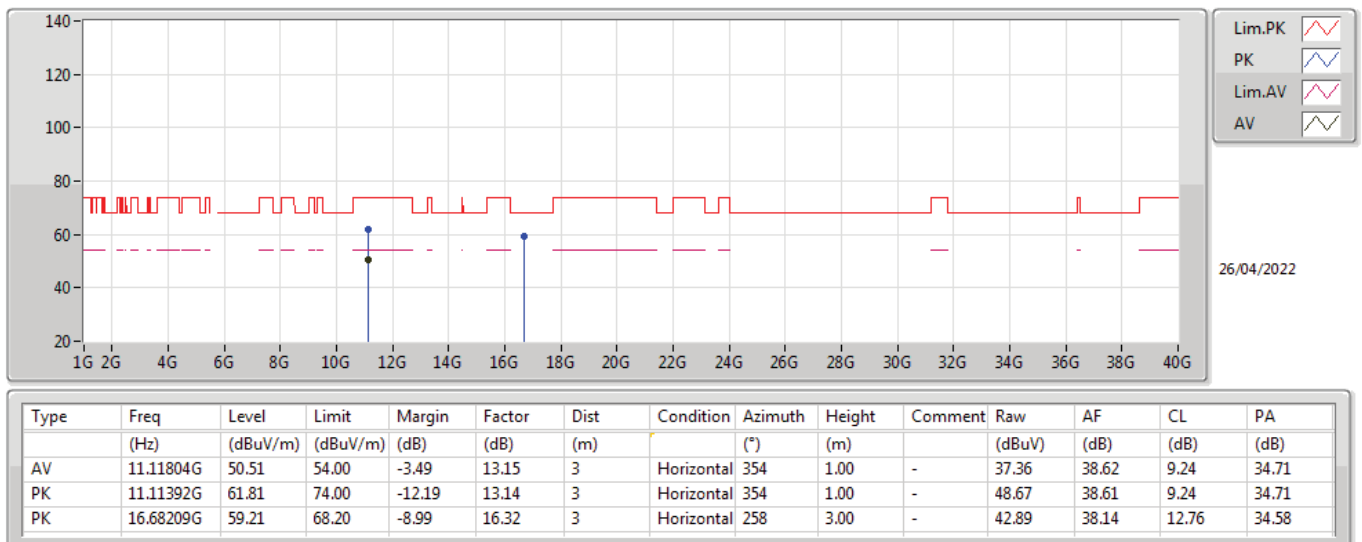
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5560MHz\_TnomVnom



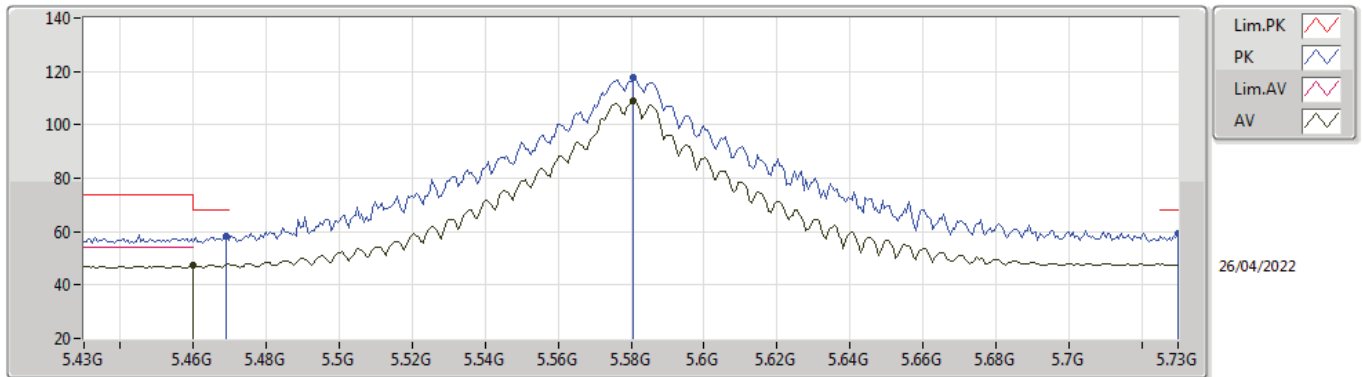
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5560MHz\_TnomVnom



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

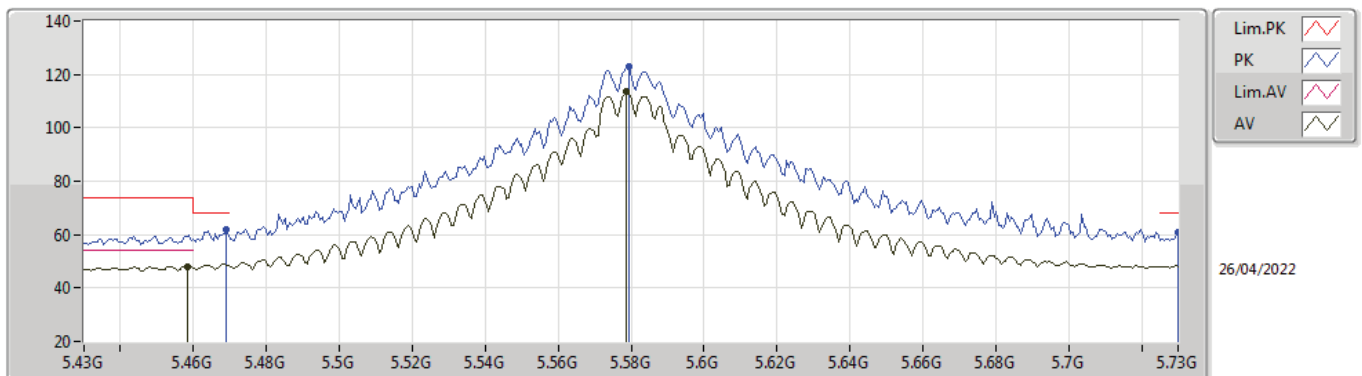
### 5580MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.46G   | 47.26    | 54.00    | -6.74  | 5.13   | 3    | Vertical  | 300     | 2.39   | -       | 42.13  | 32.82 | 7.08 | 34.77 |
| AV   | 5.5806G | 109.16   | Inf      | -Inf   | 5.23   | 3    | Vertical  | 300     | 2.39   | -       | 103.93 | 33.00 | 7.00 | 34.77 |
| PK   | 5.469G  | 58.06    | 68.20    | -10.14 | 5.15   | 3    | Vertical  | 300     | 2.39   | -       | 52.91  | 32.84 | 7.08 | 34.77 |
| PK   | 5.5806G | 118.00   | Inf      | -Inf   | 5.23   | 3    | Vertical  | 300     | 2.39   | -       | 112.77 | 33.00 | 7.00 | 34.77 |
| PK   | 5.73G   | 59.15    | 68.20    | -9.05  | 5.69   | 3    | Vertical  | 300     | 2.39   | -       | 53.46  | 33.52 | 6.94 | 34.77 |

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

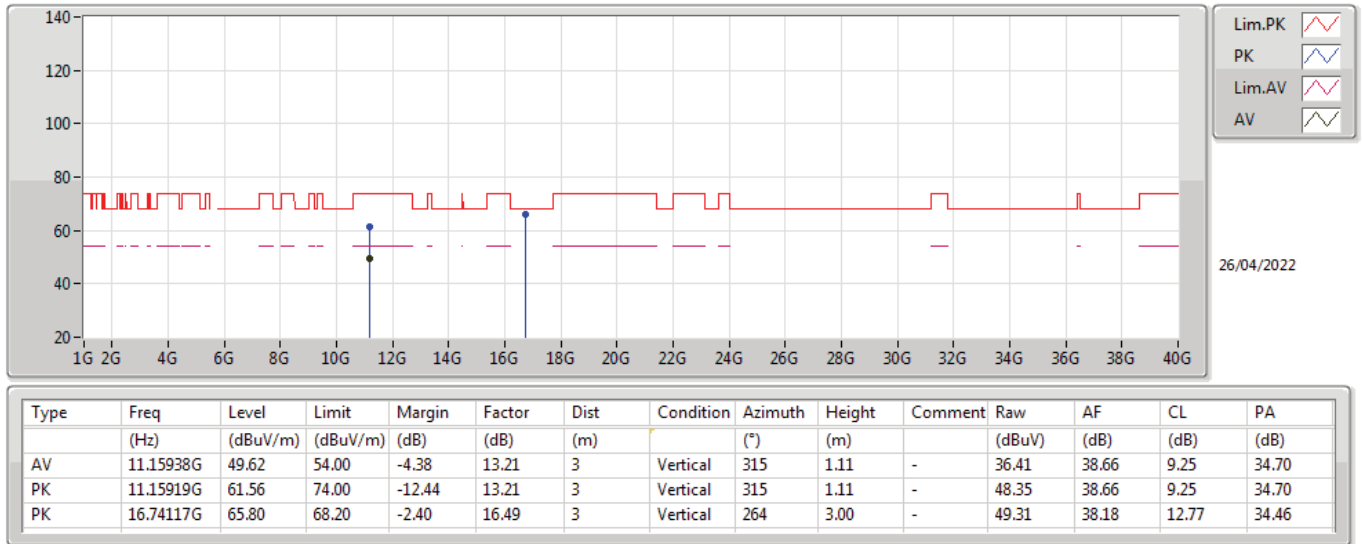
### 5580MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4582G | 48.16    | 54.00    | -5.84  | 5.13   | 3    | Horizontal | 333     | 2.47   | -       | 43.03  | 32.82 | 7.08 | 34.77 |
| AV   | 5.5788G | 113.45   | Inf      | -Inf   | 5.23   | 3    | Horizontal | 333     | 2.47   | -       | 108.22 | 33.00 | 7.00 | 34.77 |
| PK   | 5.469G  | 62.14    | 68.20    | -6.06  | 5.15   | 3    | Horizontal | 333     | 2.47   | -       | 56.99  | 32.84 | 7.08 | 34.77 |
| PK   | 5.5794G | 122.73   | Inf      | -Inf   | 5.23   | 3    | Horizontal | 333     | 2.47   | -       | 117.50 | 33.00 | 7.00 | 34.77 |
| PK   | 5.73G   | 61.04    | 68.20    | -7.16  | 5.69   | 3    | Horizontal | 333     | 2.47   | -       | 55.35  | 33.52 | 6.94 | 34.77 |

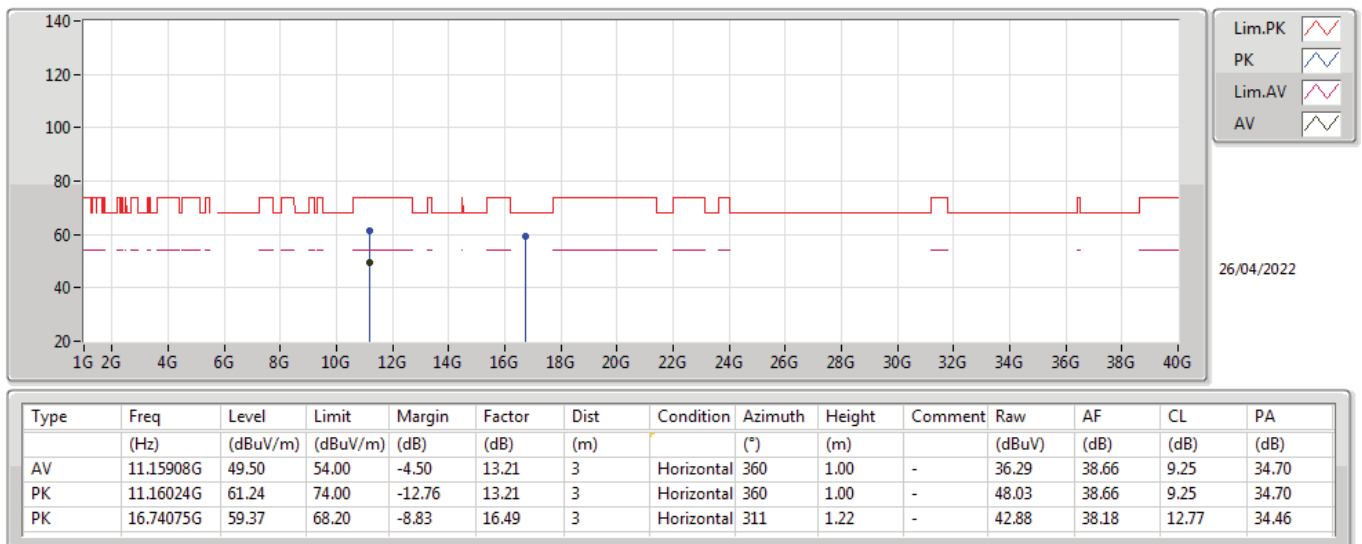
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TnomVnom



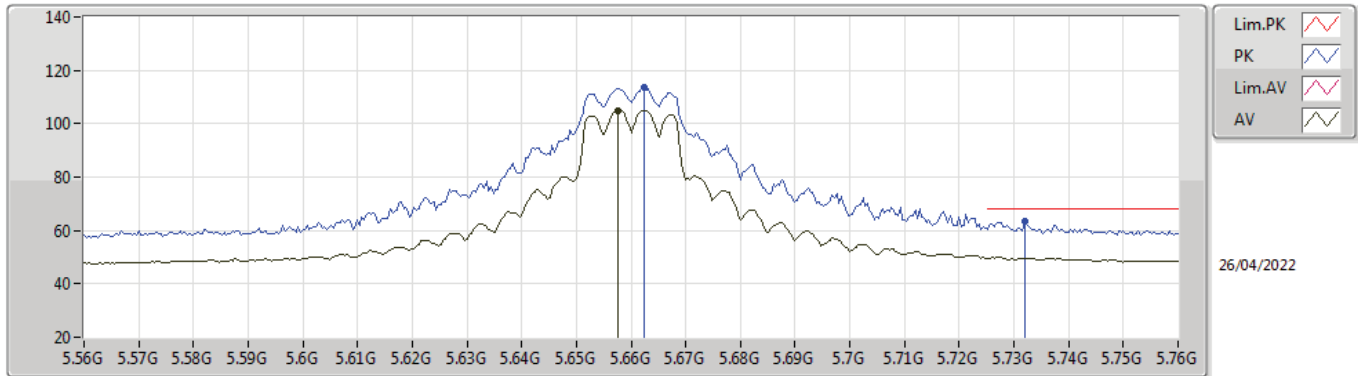
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TnomVnom



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

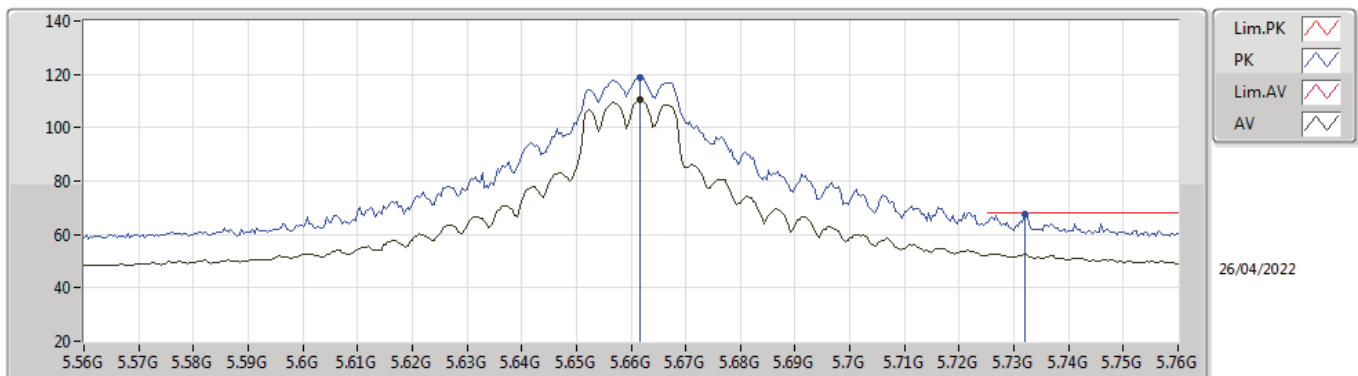
### 5660MHz\_TnomVnom



| 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   | 5.6576G      | 105.05            | Inf               | -Inf           | 5.26           | 3           | Vertical  | 304            | 2.37          | -       | 99.79         | 33.06      | 6.97       | 34.77      |
| PK   | 5.6624G      | 113.39            | Inf               | -Inf           | 5.30           | 3           | Vertical  | 304            | 2.37          | -       | 108.09        | 33.10      | 6.97       | 34.77      |
| PK   | 5.732G       | 63.45             | 68.20             | -4.75          | 5.70           | 3           | Vertical  | 304            | 2.37          | -       | 57.75         | 33.53      | 6.94       | 34.77      |

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

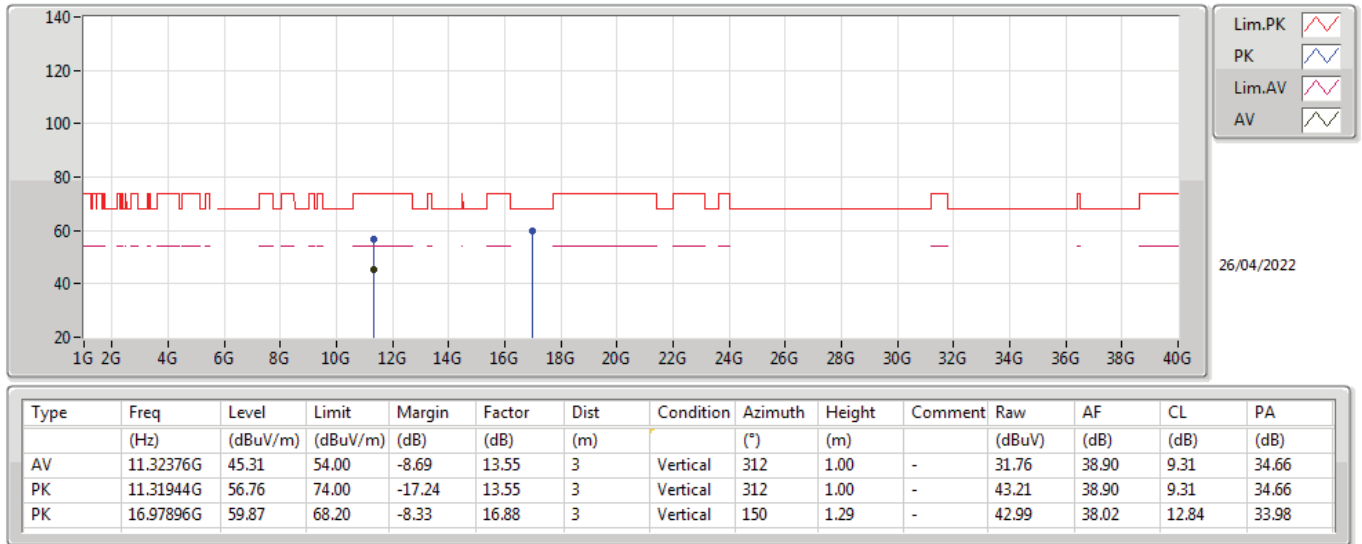
### 5660MHz\_TnomVnom



| 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   | 5.6616G      | 110.36            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 333            | 2.53          | -       | 105.07        | 33.09      | 6.97       | 34.77      |
| PK   | 5.6616G      | 118.92            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 333            | 2.53          | -       | 113.63        | 33.09      | 6.97       | 34.77      |
| PK   | 5.732G       | 67.40             | 68.20             | -0.80          | 5.70           | 3           | Horizontal | 333            | 2.53          | -       | 61.70         | 33.53      | 6.94       | 34.77      |

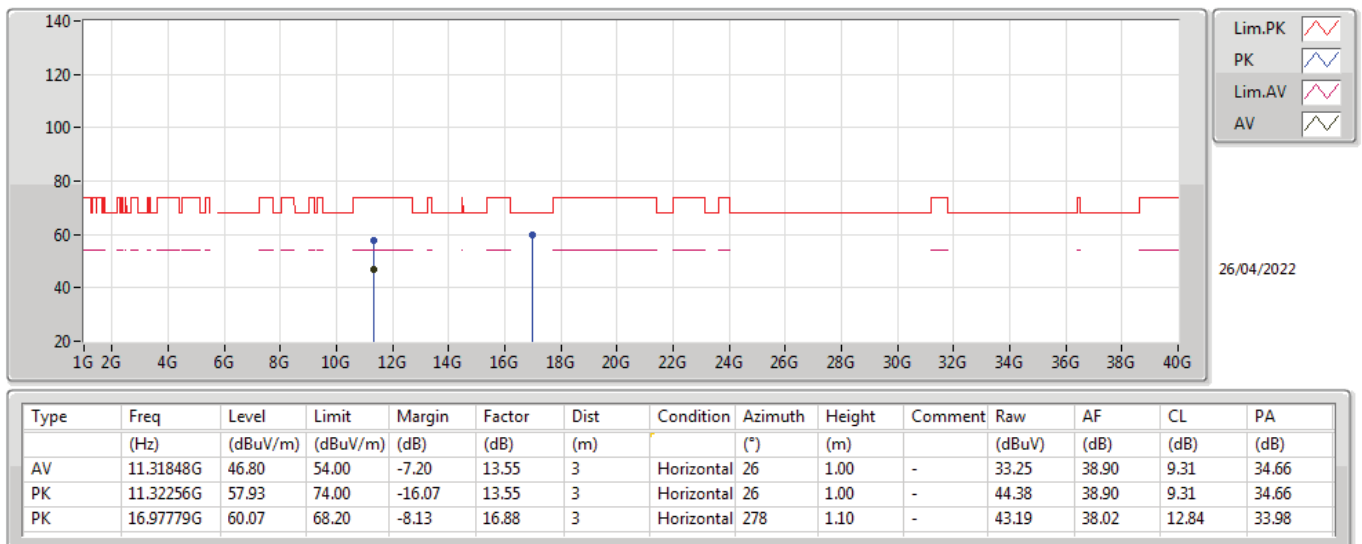
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5660MHz\_TnomVnom



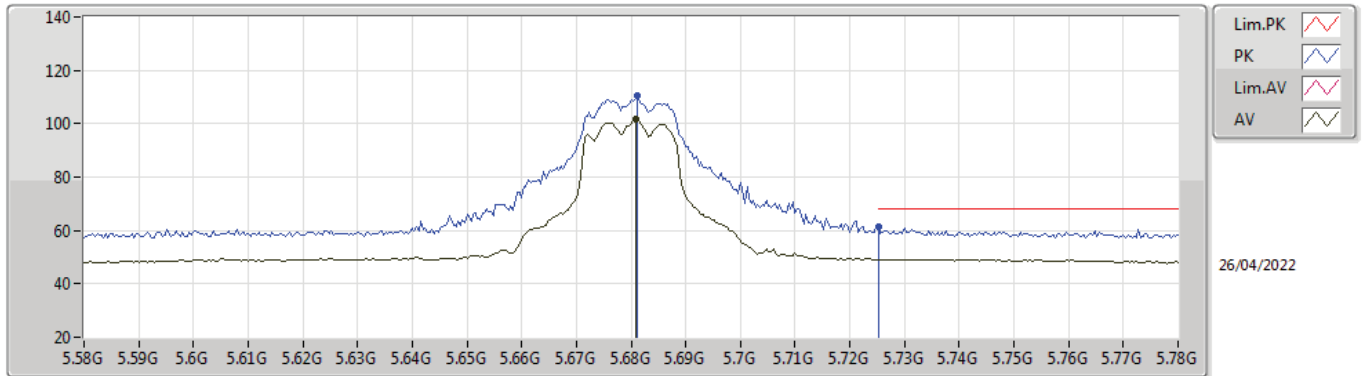
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5660MHz\_TnomVnom



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

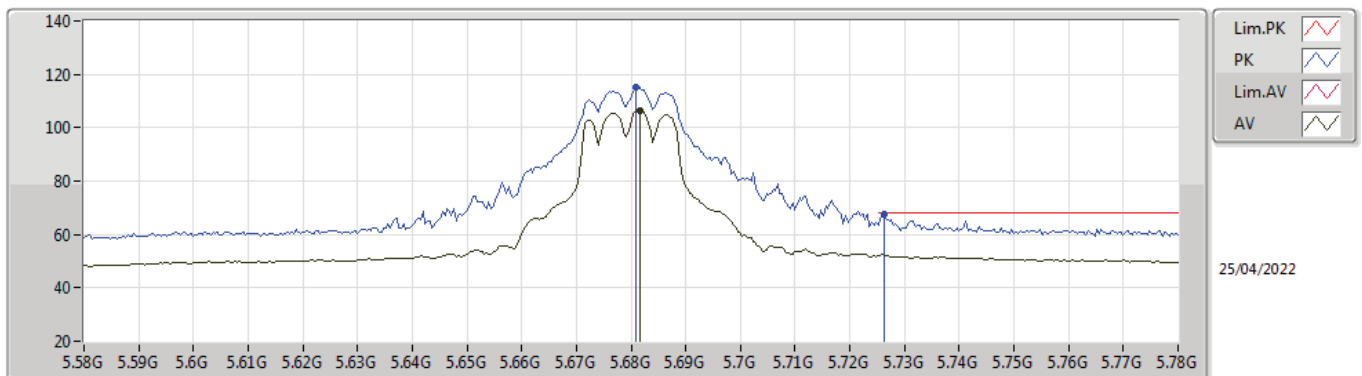
### 5680MHz\_TnomVnom



| 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   | 5.6808G      | 101.60            | Inf               | -Inf           | 5.44           | 3           | Vertical  | 309            | 2.00          | -       | 96.16         | 33.25      | 6.96       | 34.77      |
| PK   | 5.6812G      | 110.31            | Inf               | -Inf           | 5.44           | 3           | Vertical  | 309            | 2.00          | -       | 104.87        | 33.25      | 6.96       | 34.77      |
| PK   | 5.7252G      | 61.53             | 68.20             | -6.67          | 5.67           | 3           | Vertical  | 309            | 2.00          | -       | 55.86         | 33.50      | 6.94       | 34.77      |

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

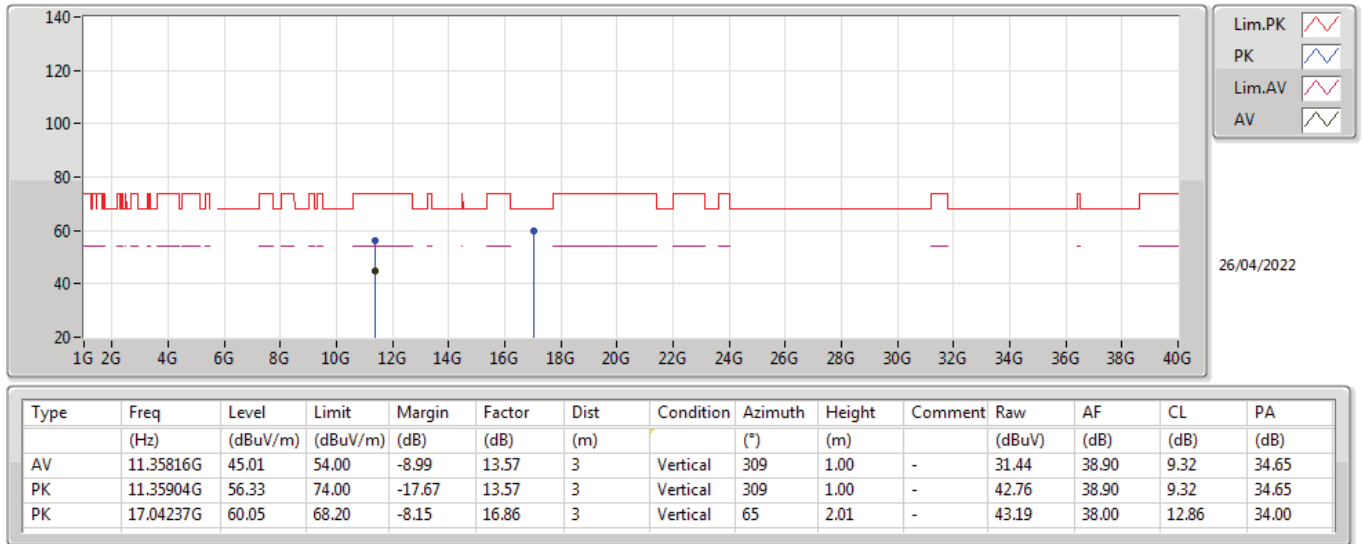
### 5680MHz\_TnomVnom



| 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   | 5.6816G      | 106.62            | Inf               | -Inf           | 5.44           | 3           | Horizontal | 332            | 2.64          | -       | 101.18        | 33.25      | 6.96       | 34.77      |
| PK   | 5.6808G      | 115.04            | Inf               | -Inf           | 5.44           | 3           | Horizontal | 332            | 2.64          | -       | 109.60        | 33.25      | 6.96       | 34.77      |
| PK   | 5.7264G      | 67.37             | 68.20             | -0.83          | 5.68           | 3           | Horizontal | 332            | 2.64          | -       | 61.69         | 33.51      | 6.94       | 34.77      |

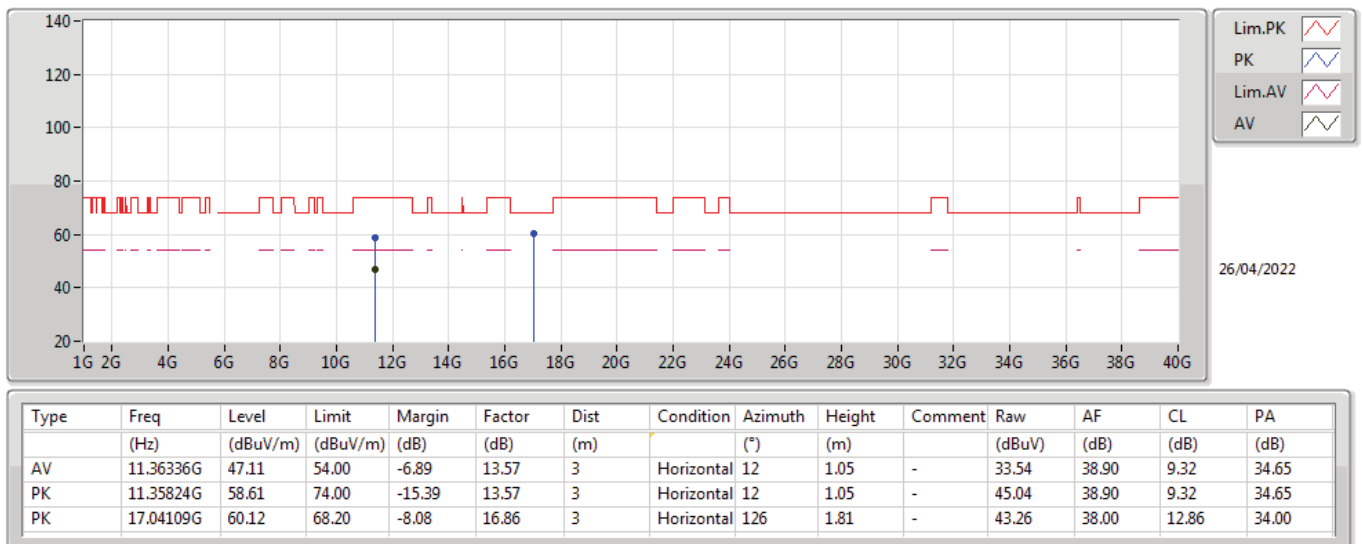
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5680MHz\_TnomVnom



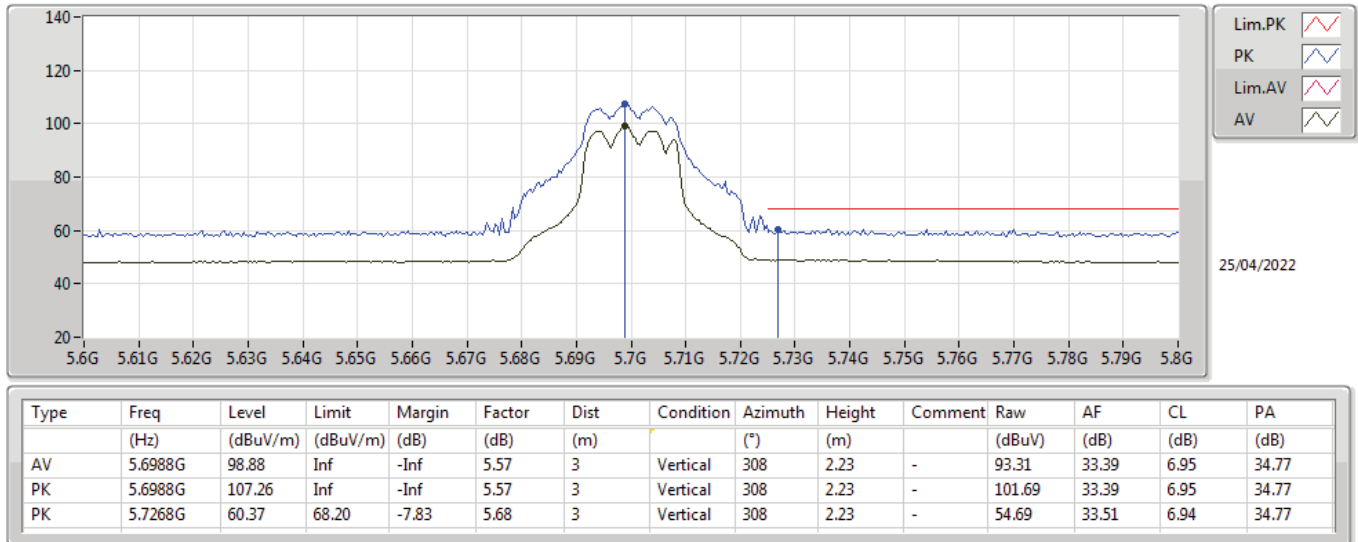
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5680MHz\_TnomVnom



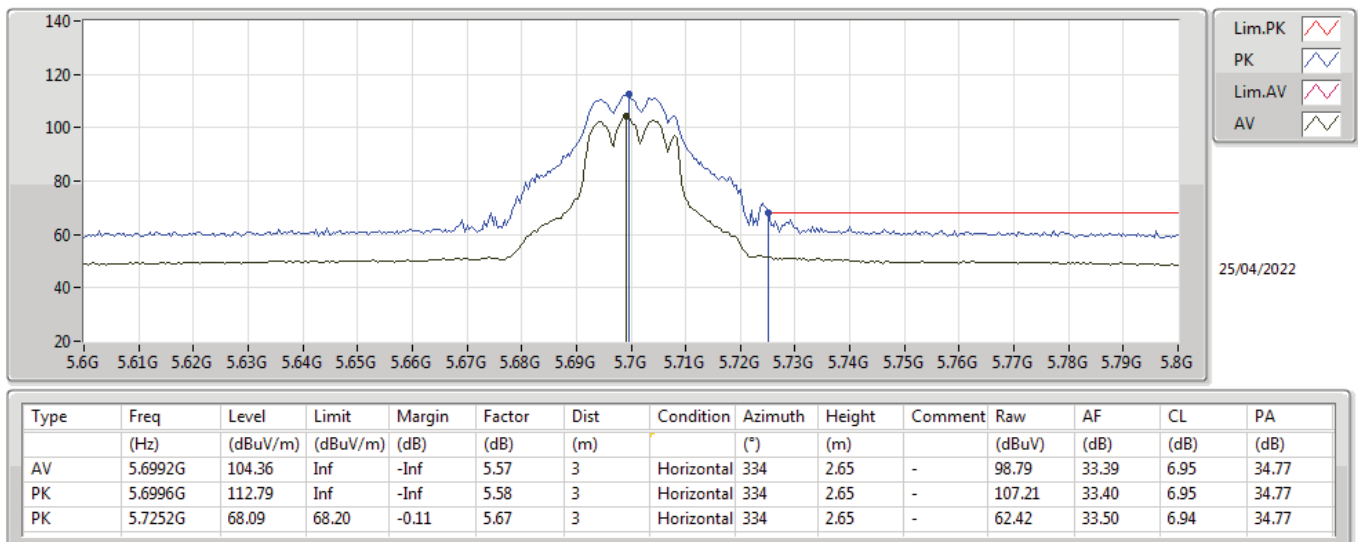
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom



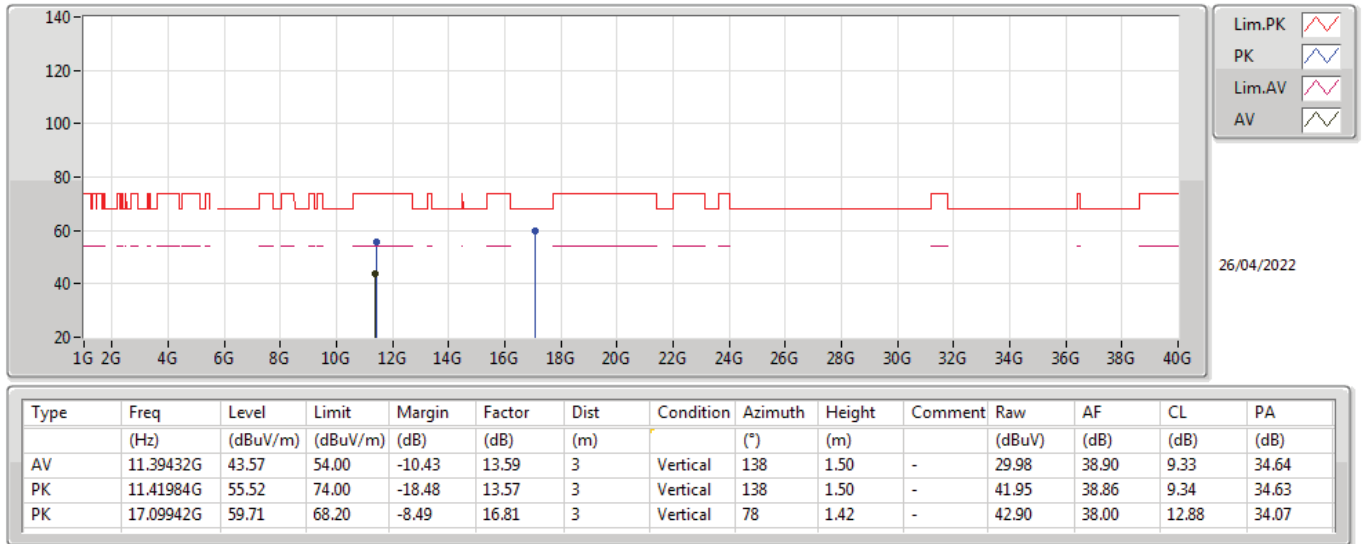
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom



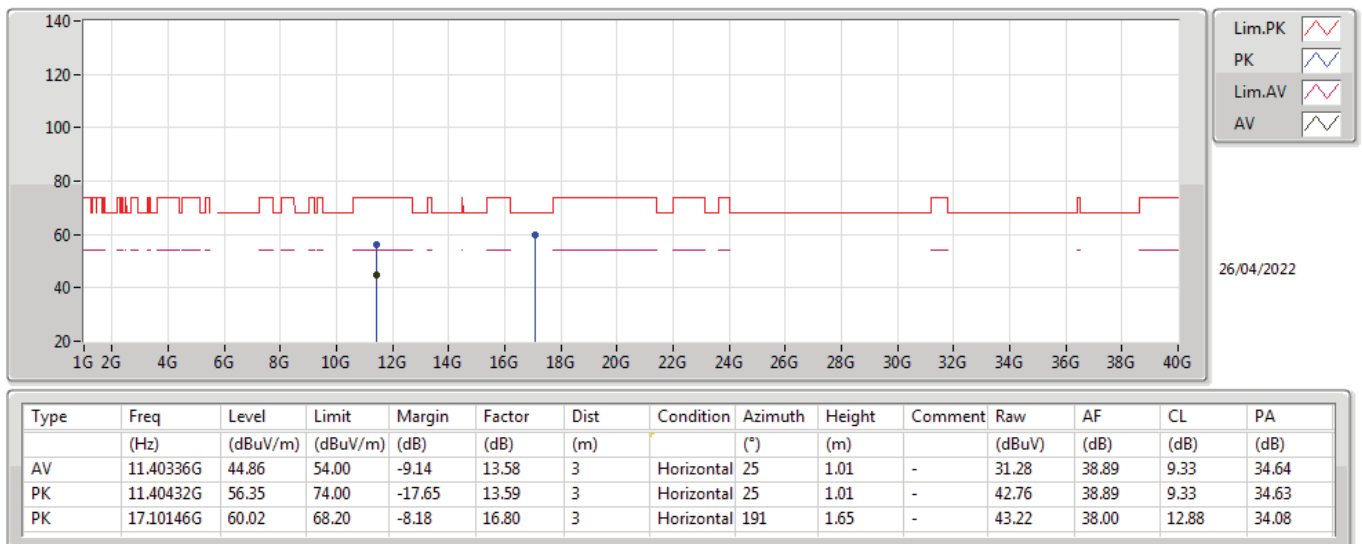
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom



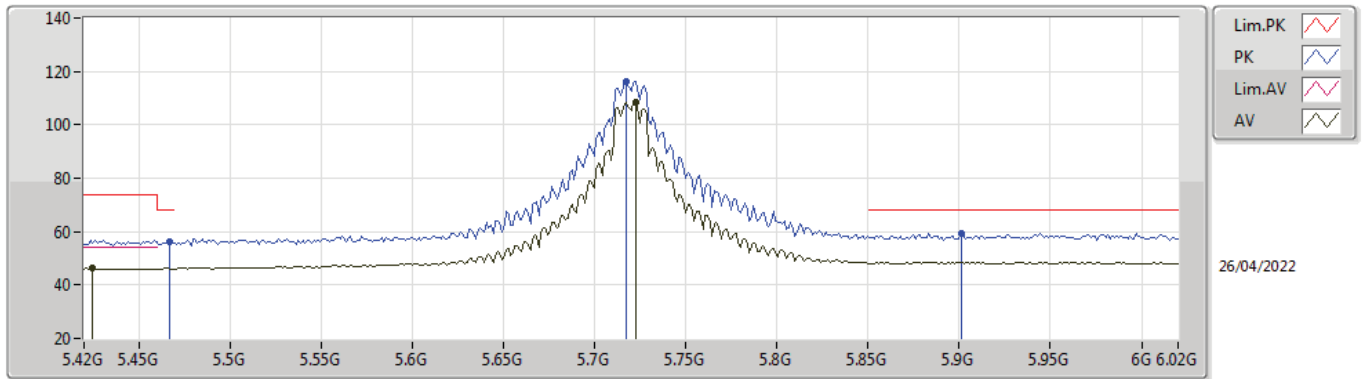
## 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TnomVnom



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

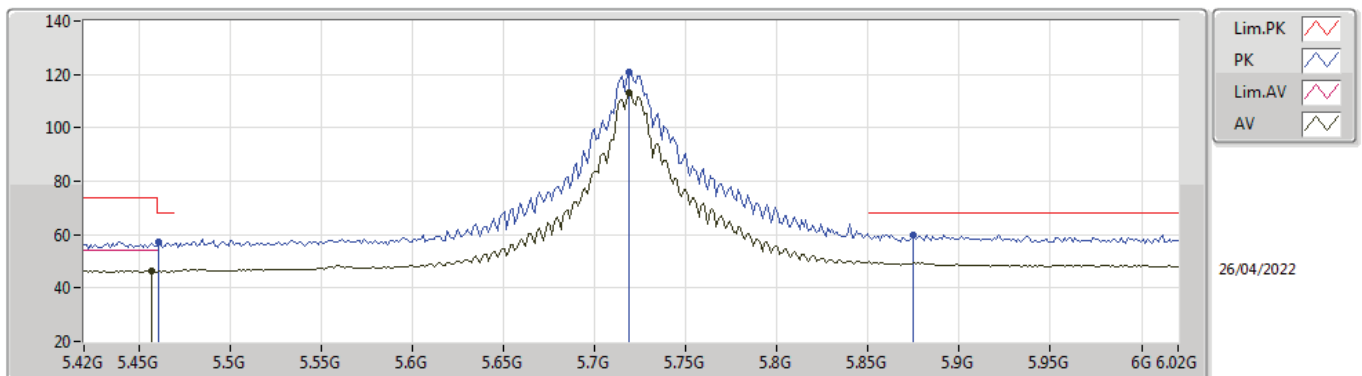
### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4248G | 46.20    | 54.00    | -7.80  | 5.23   | 3    | Vertical  | 285     | 3.00   | -       | 40.97  | 32.90 | 7.10 | 34.77 |
| AV   | 5.7224G | 108.49   | Inf      | -Inf   | 5.66   | 3    | Vertical  | 285     | 3.00   | -       | 102.83 | 33.49 | 6.94 | 34.77 |
| PK   | 5.4668G | 56.33    | 68.20    | -11.87 | 5.14   | 3    | Vertical  | 285     | 3.00   | -       | 51.19  | 32.83 | 7.08 | 34.77 |
| PK   | 5.7176G | 116.30   | Inf      | -Inf   | 5.64   | 3    | Vertical  | 285     | 3.00   | -       | 110.66 | 33.47 | 6.94 | 34.77 |
| PK   | 5.9012G | 59.23    | 68.20    | -8.97  | 6.89   | 3    | Vertical  | 285     | 3.00   | -       | 52.34  | 34.30 | 7.36 | 34.77 |

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

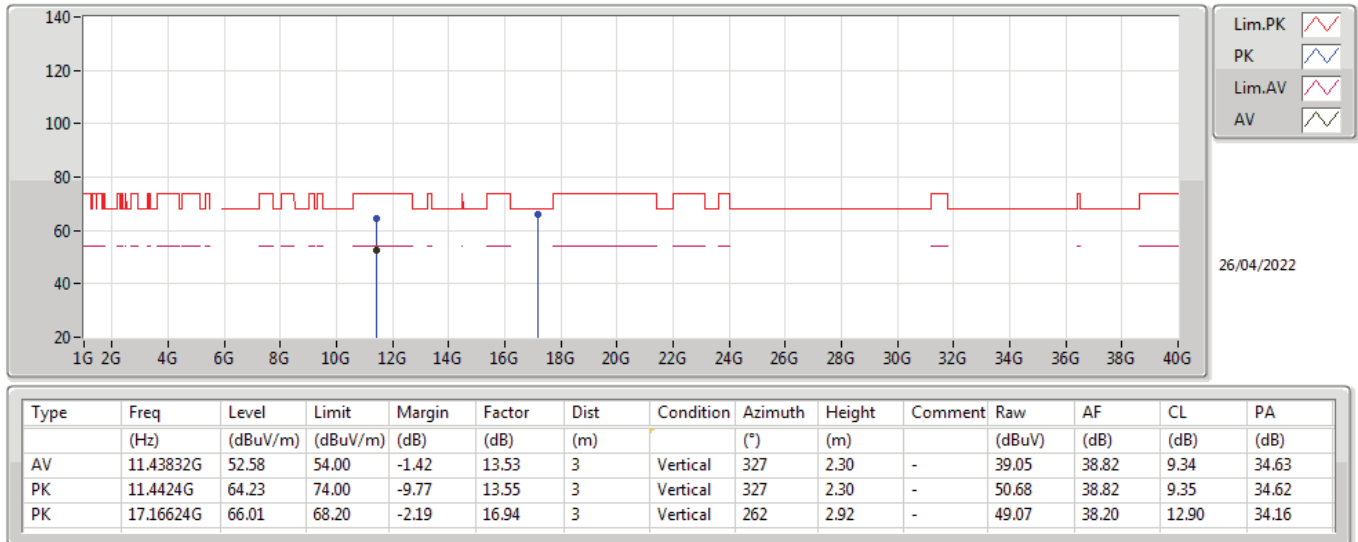
### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4572G | 46.45    | 54.00    | -7.55  | 5.12   | 3    | Horizontal | 326     | 2.60   | -       | 41.33  | 32.81 | 7.08 | 34.77 |
| AV   | 5.7188G | 113.14   | Inf      | -Inf   | 5.65   | 3    | Horizontal | 326     | 2.60   | -       | 107.49 | 33.48 | 6.94 | 34.77 |
| PK   | 5.4608G | 57.08    | 68.20    | -11.12 | 5.13   | 3    | Horizontal | 326     | 2.60   | -       | 51.95  | 32.82 | 7.08 | 34.77 |
| PK   | 5.7188G | 120.73   | Inf      | -Inf   | 5.65   | 3    | Horizontal | 326     | 2.60   | -       | 115.08 | 33.48 | 6.94 | 34.77 |
| PK   | 5.8748G | 59.96    | 68.20    | -8.24  | 6.67   | 3    | Horizontal | 326     | 2.60   | -       | 53.29  | 34.20 | 7.24 | 34.77 |

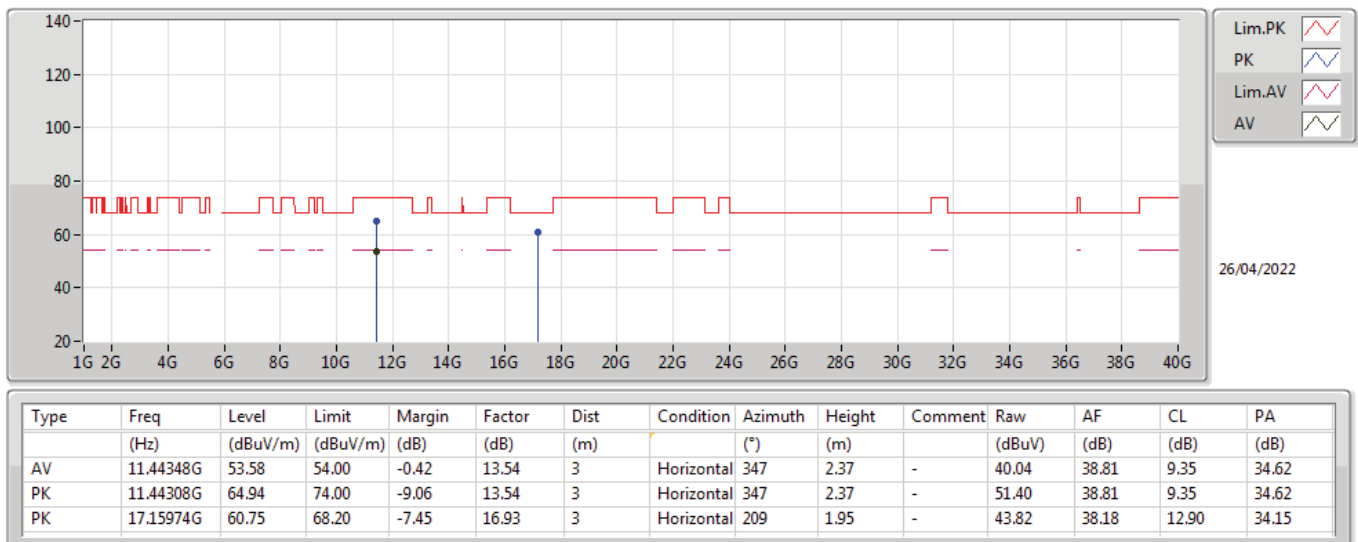
## 802.11a\_Nss1,(6Mbps)\_2TX

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



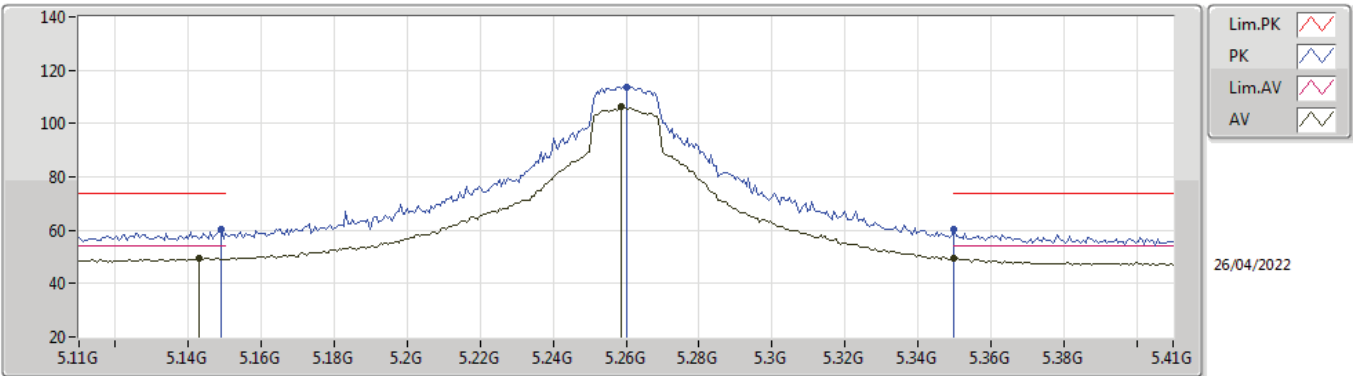
## 802.11a\_Nss1,(6Mbps)\_2TX

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



## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

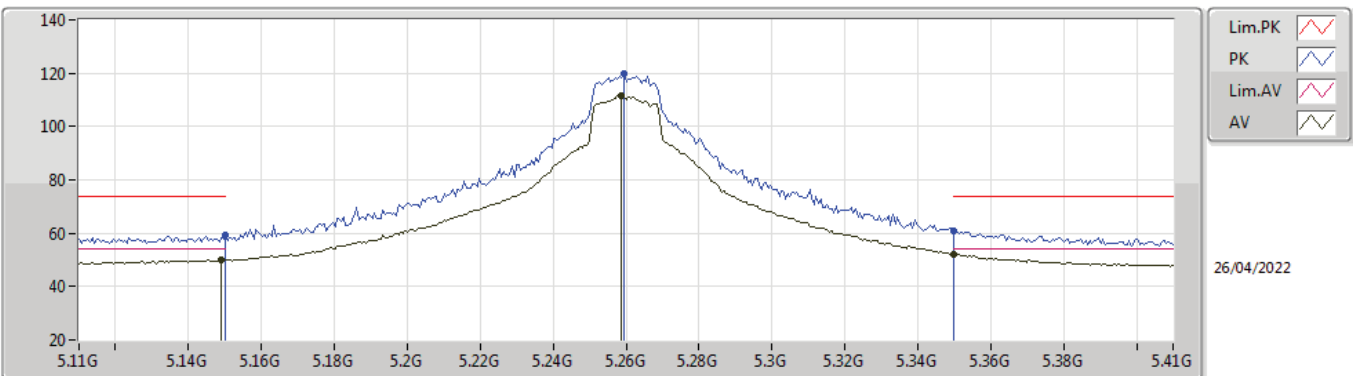
### 5260MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.143G  | 49.60    | 54.00    | -4.40  | 5.20   | 3    | Vertical  | 284     | 2.87   | -       | 44.40  | 33.09 | 6.87 | 34.76 |
| AV   | 5.2588G | 106.58   | Inf      | -Inf   | 5.25   | 3    | Vertical  | 284     | 2.87   | -       | 101.33 | 33.06 | 6.96 | 34.77 |
| AV   | 5.35G   | 49.56    | 54.00    | -4.44  | 4.99   | 3    | Vertical  | 284     | 2.87   | -       | 44.57  | 32.70 | 7.06 | 34.77 |
| PK   | 5.149G  | 60.21    | 74.00    | -13.79 | 5.21   | 3    | Vertical  | 284     | 2.87   | -       | 55.00  | 33.10 | 6.87 | 34.76 |
| PK   | 5.26G   | 113.87   | Inf      | -Inf   | 5.25   | 3    | Vertical  | 284     | 2.87   | -       | 108.62 | 33.06 | 6.96 | 34.77 |
| PK   | 5.35G   | 60.28    | 74.00    | -13.72 | 4.99   | 3    | Vertical  | 284     | 2.87   | -       | 55.29  | 32.70 | 7.06 | 34.77 |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

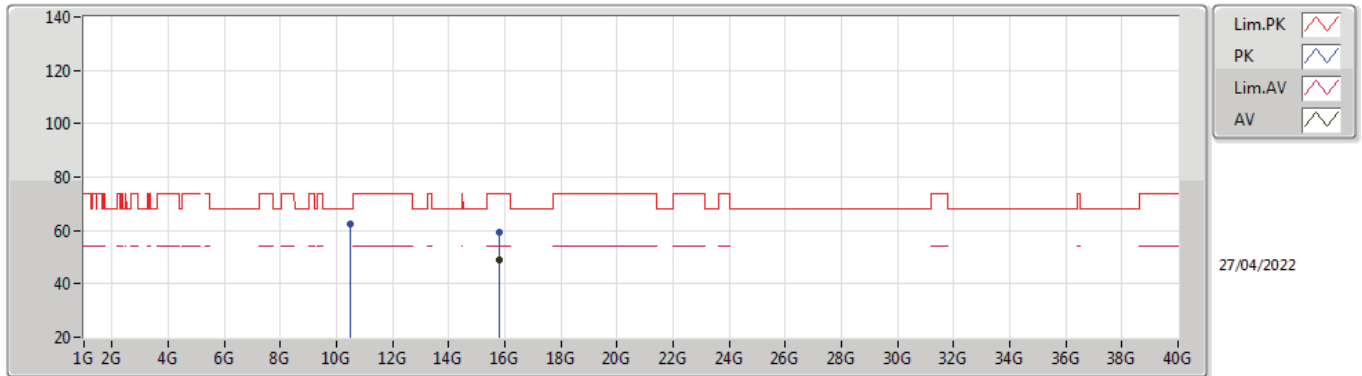
### 5260MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.149G  | 50.08    | 54.00    | -3.92  | 5.21   | 3    | Horizontal | 320     | 1.00   | -       | 44.87  | 33.10 | 6.87 | 34.76 |
| AV   | 5.2588G | 111.55   | Inf      | -Inf   | 5.25   | 3    | Horizontal | 320     | 1.00   | -       | 106.30 | 33.06 | 6.96 | 34.77 |
| AV   | 5.35G   | 52.04    | 54.00    | -1.96  | 4.99   | 3    | Horizontal | 320     | 1.00   | -       | 47.05  | 32.70 | 7.06 | 34.77 |
| PK   | 5.15G   | 59.38    | 74.00    | -14.62 | 5.21   | 3    | Horizontal | 320     | 1.00   | -       | 54.17  | 33.10 | 6.87 | 34.76 |
| PK   | 5.2594G | 119.90   | Inf      | -Inf   | 5.25   | 3    | Horizontal | 320     | 1.00   | -       | 114.65 | 33.06 | 6.96 | 34.77 |
| PK   | 5.35G   | 60.84    | 74.00    | -13.16 | 4.99   | 3    | Horizontal | 320     | 1.00   | -       | 55.85  | 32.70 | 7.06 | 34.77 |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

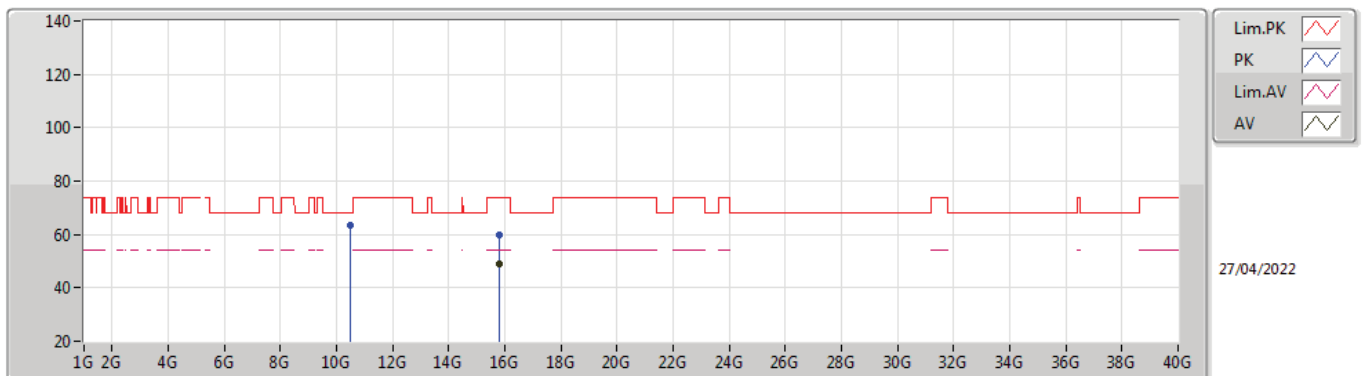
### 5260MHz\_TnomVnom



| 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   | 15.78128G    | 49.16             | 54.00             | -4.84          | 15.30          | 3           | Vertical  | 101            | 2.96          | -       | 33.86         | 38.02      | 12.34      | 35.06      |
| PK   | 10.51624G    | 62.28             | 68.20             | -5.92          | 12.80          | 3           | Vertical  | 282            | 1.02          | -       | 49.48         | 38.65      | 9.04       | 34.89      |
| PK   | 15.78888G    | 59.41             | 74.00             | -14.59         | 15.29          | 3           | Vertical  | 101            | 2.96          | -       | 44.12         | 38.01      | 12.35      | 35.07      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

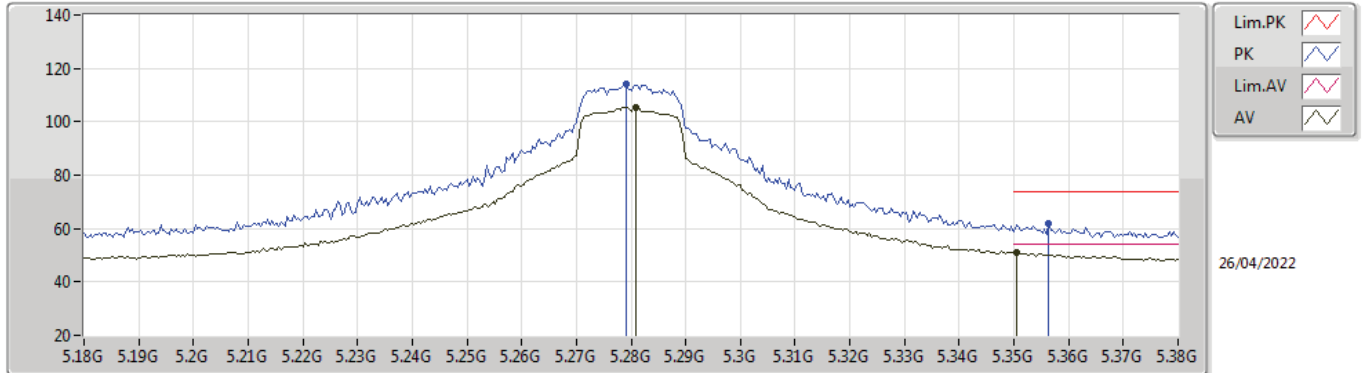
### 5260MHz\_TnomVnom



| 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   | 15.78296G    | 48.92             | 54.00             | -5.08          | 15.30          | 3           | Horizontal | 123            | 1.00          | -       | 33.62         | 38.02      | 12.34      | 35.06      |
| PK   | 10.51072G    | 63.36             | 68.20             | -4.84          | 12.77          | 3           | Horizontal | 38             | 1.04          | -       | 50.59         | 38.63      | 9.04       | 34.90      |
| PK   | 15.78616G    | 59.98             | 74.00             | -14.02         | 15.29          | 3           | Horizontal | 123            | 1.00          | -       | 44.69         | 38.01      | 12.35      | 35.07      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

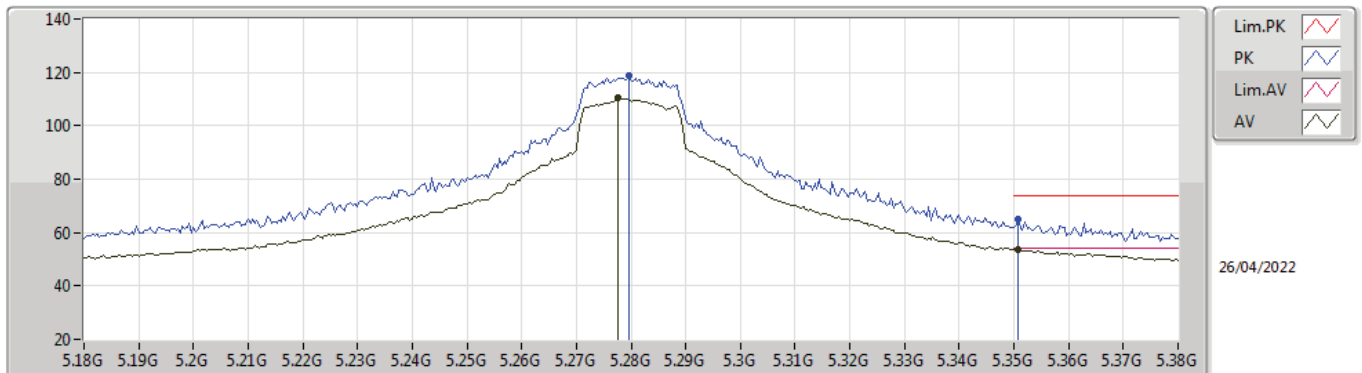
### 5280MHz\_TnomVnom



| 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   | 5.2808G      | 105.43            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 315            | 1.88          | -       | 100.24        | 32.98      | 6.98       | 34.77      |
| AV   | 5.3504G      | 51.29             | 54.00             | -2.71          | 4.99           | 3           | Vertical  | 315            | 1.88          | -       | 46.30         | 32.70      | 7.06       | 34.77      |
| PK   | 5.2792G      | 114.05            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 315            | 1.88          | -       | 108.86        | 32.98      | 6.98       | 34.77      |
| PK   | 5.3564G      | 62.04             | 74.00             | -11.96         | 5.04           | 3           | Vertical  | 315            | 1.88          | -       | 57.00         | 32.74      | 7.07       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

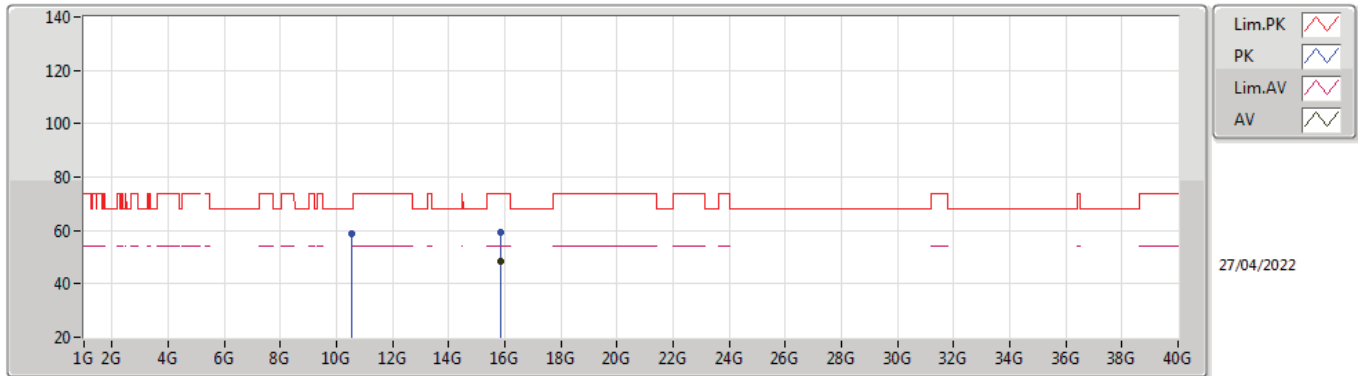
### 5280MHz\_TnomVnom



| 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   | 5.3508G      | 53.55             | 54.00             | -0.45          | 4.99           | 3           | Horizontal | 320            | 2.69          | -       | 48.56         | 32.70      | 7.06       | 34.77      |
| AV   | 5.2776G      | 110.43            | Inf               | -Inf           | 5.20           | 3           | Horizontal | 320            | 2.69          | -       | 105.23        | 32.99      | 6.98       | 34.77      |
| PK   | 5.2796G      | 118.81            | Inf               | -Inf           | 5.19           | 3           | Horizontal | 320            | 2.69          | -       | 113.62        | 32.98      | 6.98       | 34.77      |
| PK   | 5.3508G      | 65.00             | 74.00             | -9.00          | 4.99           | 3           | Horizontal | 320            | 2.69          | -       | 60.01         | 32.70      | 7.06       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

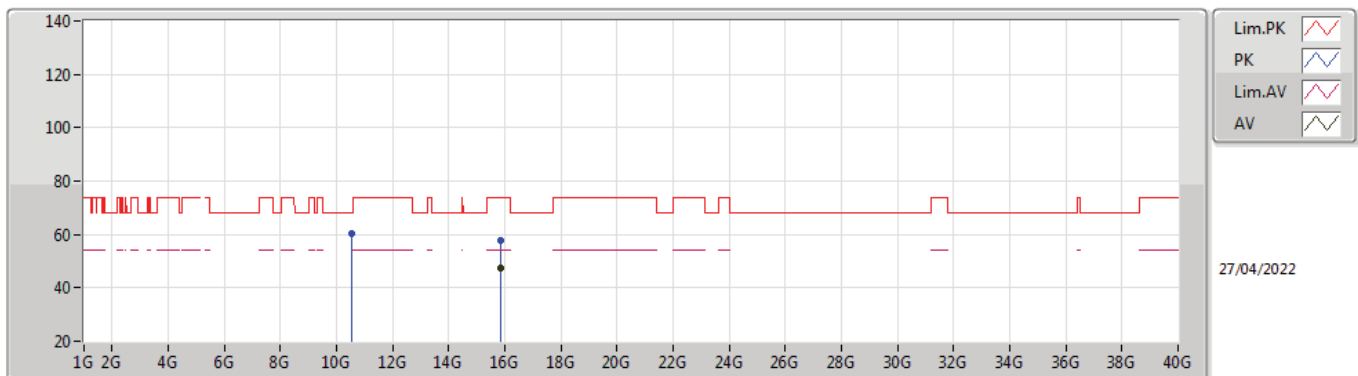
### 5280MHz\_TnomVnom



| 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   | 15.84888G    | 48.19             | 54.00             | -5.81          | 15.11          | 3           | Vertical  | 73             | 2.74          | -       | 33.08         | 37.80      | 12.41      | 35.10      |
| PK   | 10.556G      | 58.94             | 68.20             | -9.26          | 12.94          | 3           | Vertical  | 284            | 1.00          | -       | 46.00         | 38.77      | 9.05       | 34.88      |
| PK   | 15.84104G    | 59.50             | 74.00             | -14.50         | 15.14          | 3           | Vertical  | 73             | 2.74          | -       | 44.36         | 37.84      | 12.40      | 35.10      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

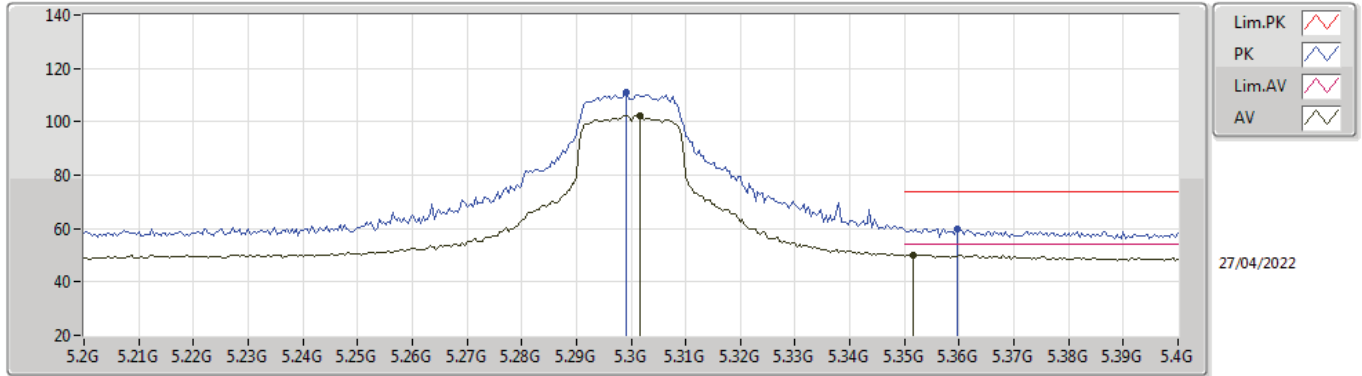
### 5280MHz\_TnomVnom



| 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   | 15.84728G    | 47.67             | 54.00             | -6.33          | 15.12          | 3           | Horizontal | 35             | 2.23          | -       | 32.55         | 37.81      | 12.41      | 35.10      |
| PK   | 10.5592G     | 60.52             | 68.20             | -7.68          | 12.95          | 3           | Horizontal | 1              | 1.01          | -       | 47.57         | 38.78      | 9.05       | 34.88      |
| PK   | 15.85208G    | 57.85             | 74.00             | -16.15         | 15.10          | 3           | Horizontal | 35             | 2.23          | -       | 42.75         | 37.79      | 12.41      | 35.10      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

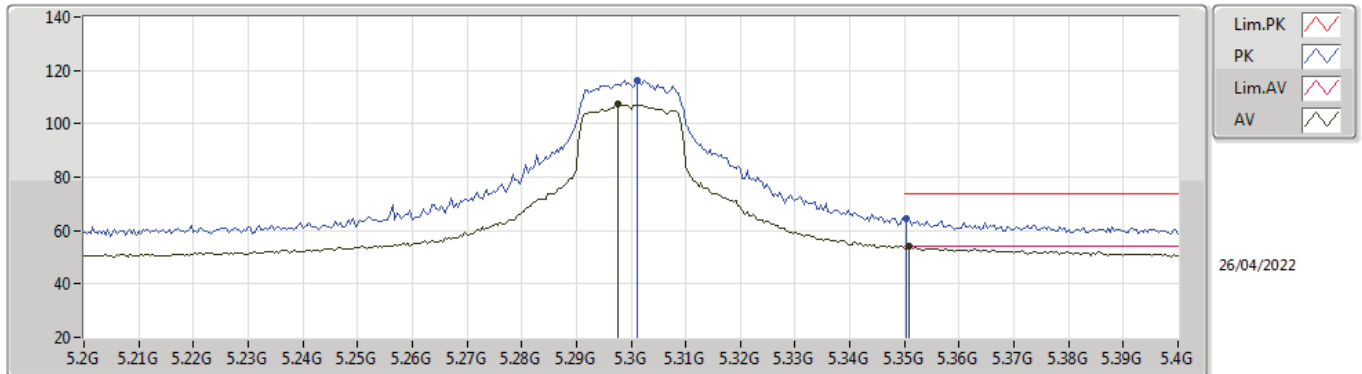
### 5300MHz\_TnomVnom



| 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   | 5.3016G      | 102.17            | Inf               | -Inf           | 5.13           | 3           | Vertical  | 315            | 2.12          | -       | 97.04         | 32.89      | 7.01       | 34.77      |
| AV   | 5.3516G      | 50.24             | 54.00             | -3.76          | 5.00           | 3           | Vertical  | 315            | 2.12          | -       | 45.24         | 32.71      | 7.06       | 34.77      |
| PK   | 5.2992G      | 111.29            | Inf               | -Inf           | 5.13           | 3           | Vertical  | 315            | 2.12          | -       | 106.16        | 32.90      | 7.00       | 34.77      |
| PK   | 5.3596G      | 59.86             | 74.00             | -14.14         | 5.06           | 3           | Vertical  | 315            | 2.12          | -       | 54.80         | 32.76      | 7.07       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

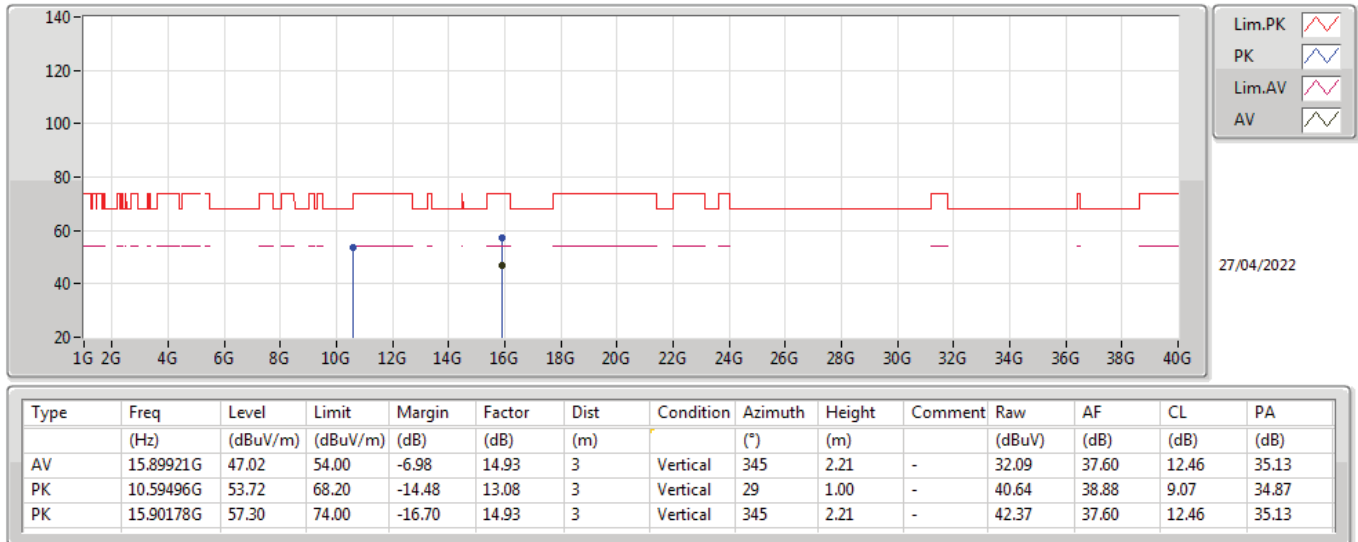
### 5300MHz\_TnomVnom



| 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   | 5.2976G      | 107.23            | Inf               | -Inf           | 5.14           | 3           | Horizontal | 226            | 2.97          | -       | 102.09        | 32.91      | 7.00       | 34.77      |
| AV   | 5.3508G      | 53.89             | 54.00             | -0.11          | 4.99           | 3           | Horizontal | 226            | 2.97          | -       | 48.90         | 32.70      | 7.06       | 34.77      |
| PK   | 5.3012G      | 116.25            | Inf               | -Inf           | 5.14           | 3           | Horizontal | 226            | 2.97          | -       | 111.11        | 32.90      | 7.01       | 34.77      |
| PK   | 5.3504G      | 64.56             | 74.00             | -9.44          | 4.99           | 3           | Horizontal | 226            | 2.97          | -       | 59.57         | 32.70      | 7.06       | 34.77      |

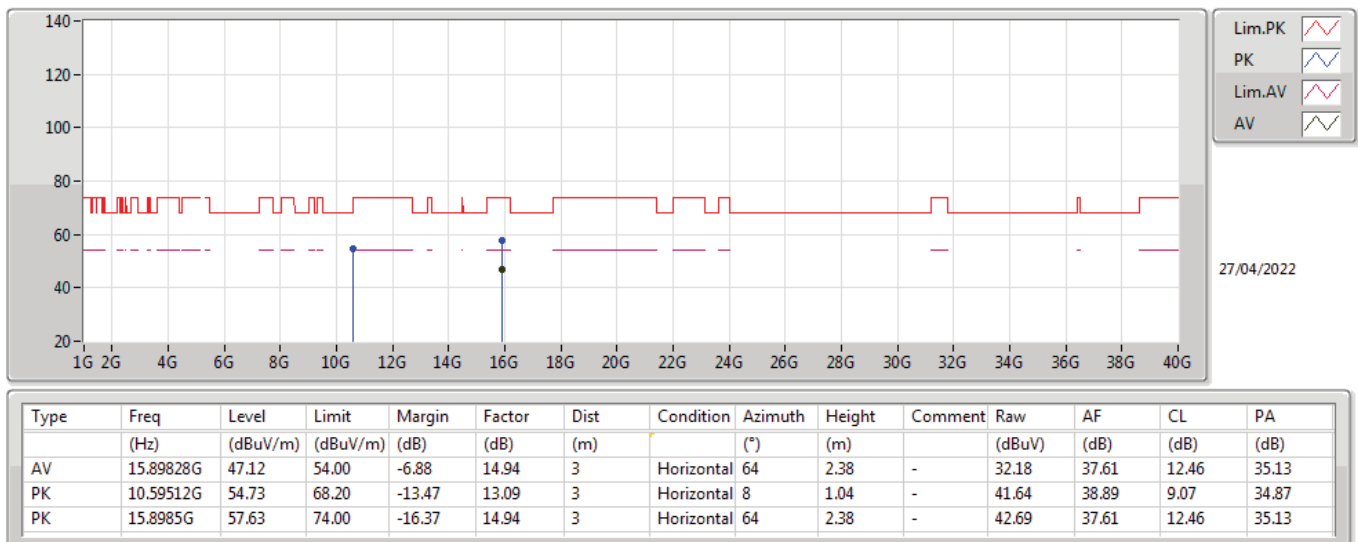
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5300MHz\_TnomVnom



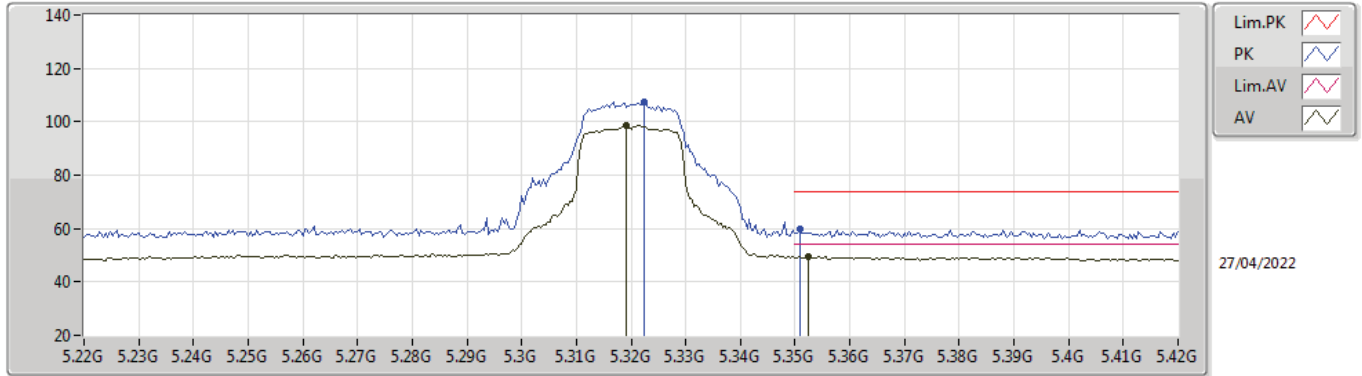
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5300MHz\_TnomVnom



## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

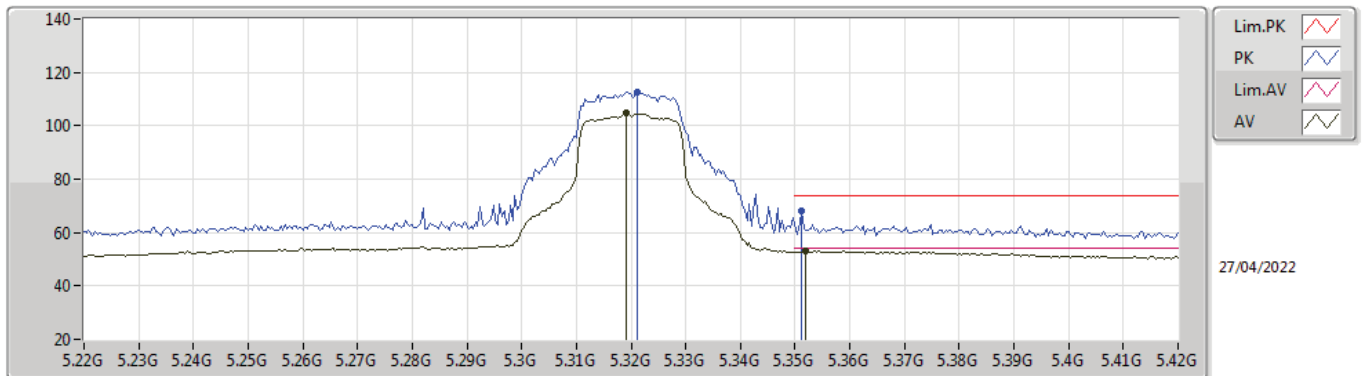
### 5320MHz\_TnomVnom



| 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   | 5.3192G      | 98.64             | Inf               | -Inf           | 5.08           | 3           | Vertical  | 313            | 1.97          | -       | 93.56         | 32.82      | 7.03       | 34.77      |
| AV   | 5.3524G      | 49.72             | 54.00             | -4.28          | 5.01           | 3           | Vertical  | 313            | 1.97          | -       | 44.71         | 32.71      | 7.07       | 34.77      |
| PK   | 5.3224G      | 107.18            | Inf               | -Inf           | 5.07           | 3           | Vertical  | 313            | 1.97          | -       | 102.11        | 32.81      | 7.03       | 34.77      |
| PK   | 5.3508G      | 59.85             | 74.00             | -14.15         | 4.99           | 3           | Vertical  | 313            | 1.97          | -       | 54.86         | 32.70      | 7.06       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

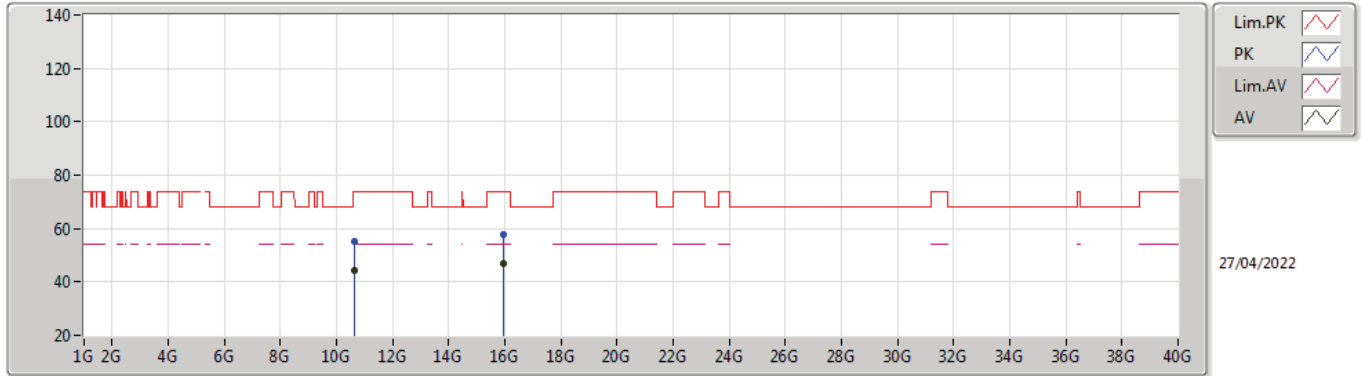
### 5320MHz\_TnomVnom



| 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   | 5.3192G      | 104.60            | Inf               | -Inf           | 5.08           | 3           | Horizontal | 210            | 2.72          | -       | 99.52         | 32.82      | 7.03       | 34.77      |
| AV   | 5.352G       | 53.25             | 54.00             | -0.75          | 5.00           | 3           | Horizontal | 210            | 2.72          | -       | 48.25         | 32.71      | 7.06       | 34.77      |
| PK   | 5.3212G      | 112.66            | Inf               | -Inf           | 5.08           | 3           | Horizontal | 210            | 2.72          | -       | 107.58        | 32.82      | 7.03       | 34.77      |
| PK   | 5.3512G      | 68.00             | 74.00             | -6.00          | 5.00           | 3           | Horizontal | 210            | 2.72          | -       | 63.00         | 32.71      | 7.06       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

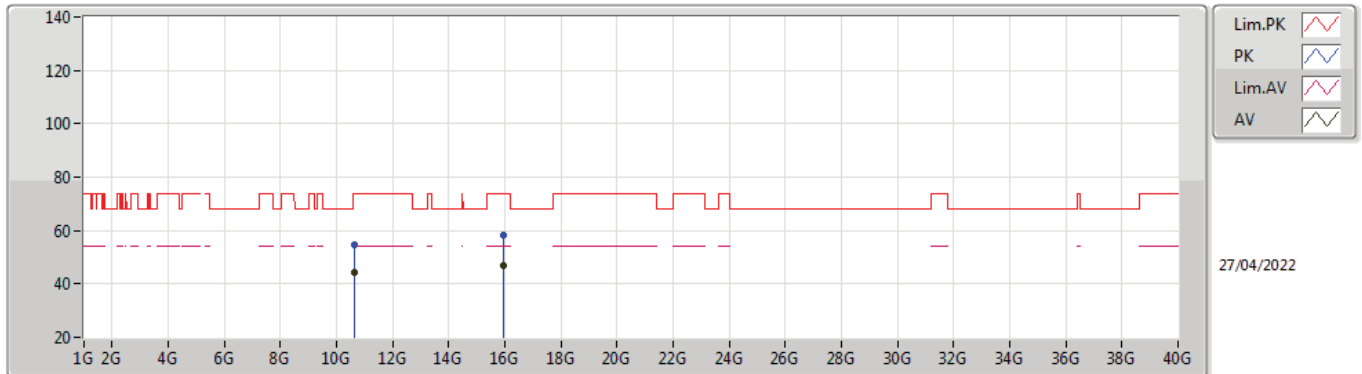
### 5320MHz\_TnomVnom



| 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   | 10.64013G    | 44.38             | 54.00             | -9.62          | 13.20          | 3           | Vertical  | 301            | 1.85          | -       | 31.18         | 38.98      | 9.08       | 34.86      |
| AV   | 15.96214G    | 47.06             | 54.00             | -6.94          | 14.95          | 3           | Vertical  | 155            | 2.05          | -       | 32.11         | 37.60      | 12.52      | 35.17      |
| PK   | 10.63925G    | 55.28             | 74.00             | -18.72         | 13.20          | 3           | Vertical  | 301            | 1.85          | -       | 42.08         | 38.98      | 9.08       | 34.86      |
| PK   | 15.95917G    | 58.01             | 74.00             | -15.99         | 14.95          | 3           | Vertical  | 155            | 2.05          | -       | 43.06         | 37.60      | 12.52      | 35.17      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

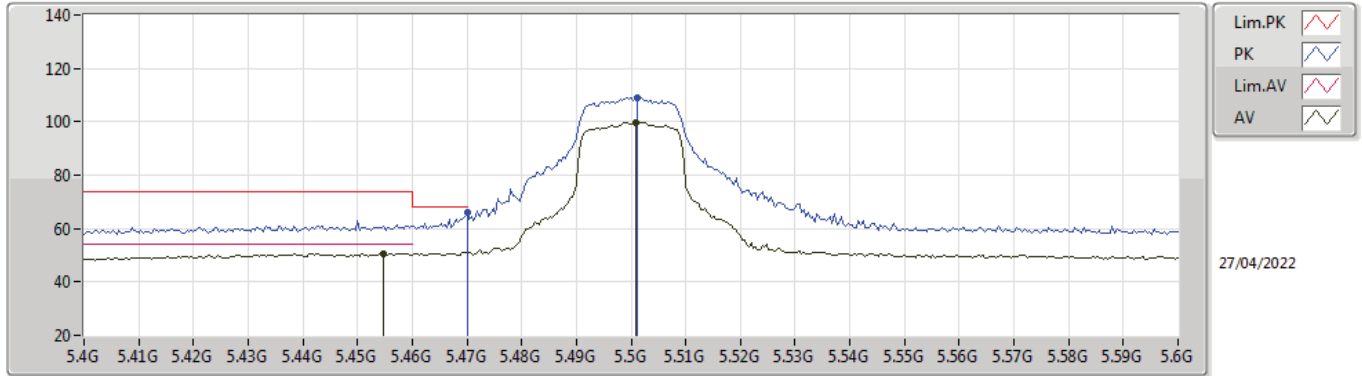
### 5320MHz\_TnomVnom



| 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   | 10.63983G    | 44.38             | 54.00             | -9.62          | 13.20          | 3           | Horizontal | 71             | 2.14          | -       | 31.18         | 38.98      | 9.08       | 34.86      |
| AV   | 15.96007G    | 46.90             | 54.00             | -7.10          | 14.95          | 3           | Horizontal | 123            | 1.18          | -       | 31.95         | 37.60      | 12.52      | 35.17      |
| PK   | 10.6393G     | 54.80             | 74.00             | -19.20         | 13.20          | 3           | Horizontal | 71             | 2.14          | -       | 41.60         | 38.98      | 9.08       | 34.86      |
| PK   | 15.95939G    | 58.06             | 74.00             | -15.94         | 14.95          | 3           | Horizontal | 123            | 1.18          | -       | 43.11         | 37.60      | 12.52      | 35.17      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

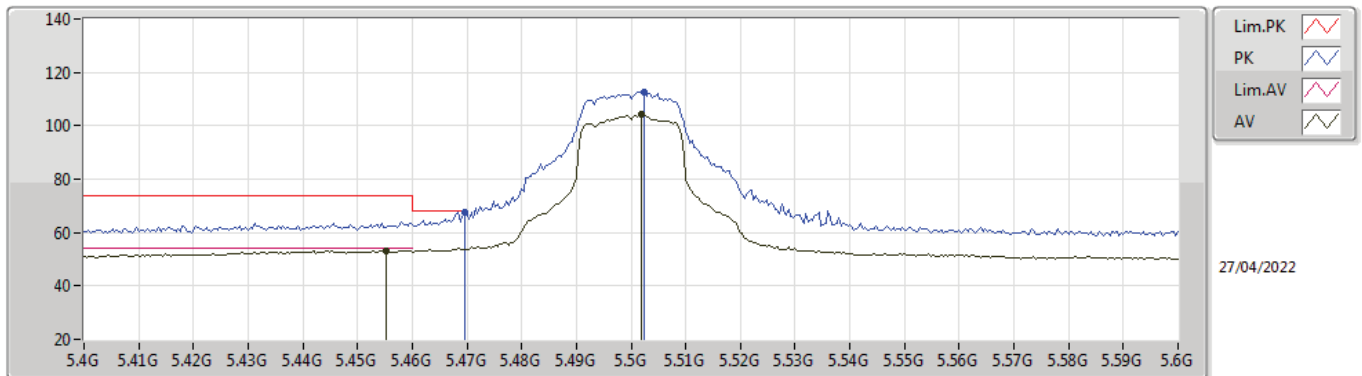
### 5500MHz\_TnomVnom



| 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   | 5.4548G      | 50.76             | 54.00             | -3.24          | 5.12           | 3           | Vertical  | 312            | 1.83          | -       | 45.64         | 32.81      | 7.08       | 34.77      |
| AV   | 5.5008G      | 99.78             | Inf               | -Inf           | 5.18           | 3           | Vertical  | 312            | 1.83          | -       | 94.60         | 32.90      | 7.05       | 34.77      |
| PK   | 5.47G        | 65.87             | 68.20             | -2.33          | 5.14           | 3           | Vertical  | 312            | 1.83          | -       | 60.73         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5012G      | 109.19            | Inf               | -Inf           | 5.18           | 3           | Vertical  | 312            | 1.83          | -       | 104.01        | 32.90      | 7.05       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

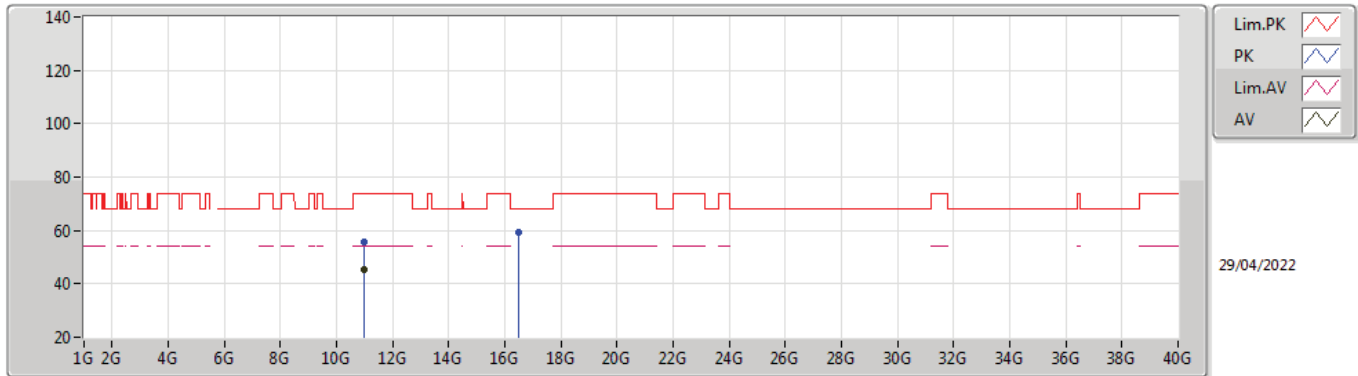
### 5500MHz\_TnomVnom



| 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   | 5.4552G      | 53.29             | 54.00             | -0.71          | 5.12           | 3           | Horizontal | 335            | 2.67          | -       | 48.17         | 32.81      | 7.08       | 34.77      |
| AV   | 5.502G       | 104.31            | Inf               | -Inf           | 5.18           | 3           | Horizontal | 335            | 2.67          | -       | 99.13         | 32.90      | 7.05       | 34.77      |
| PK   | 5.4696G      | 67.78             | 68.20             | -0.42          | 5.14           | 3           | Horizontal | 335            | 2.67          | -       | 62.64         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5024G      | 112.56            | Inf               | -Inf           | 5.18           | 3           | Horizontal | 335            | 2.67          | -       | 107.38        | 32.90      | 7.05       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

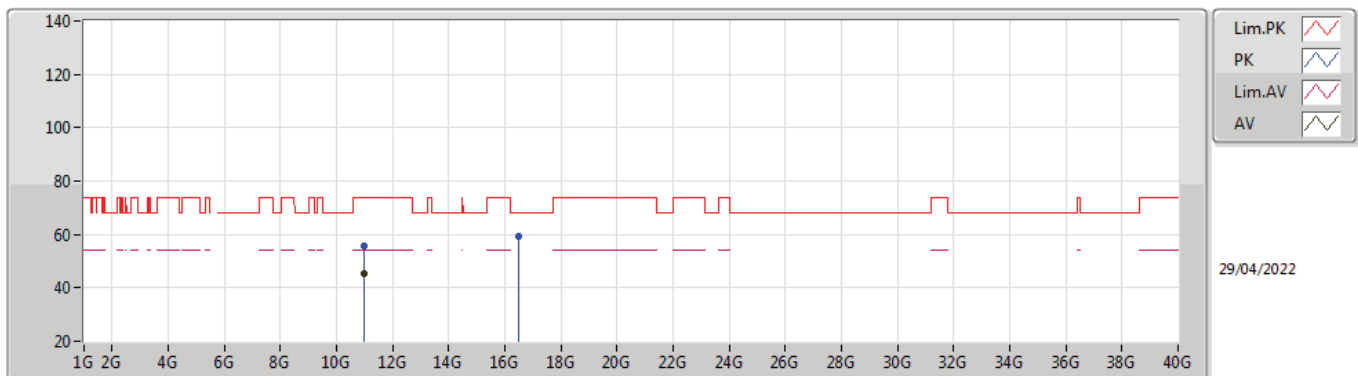
### 5500MHz\_TnomVnom



| 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   | 10.99848G    | 45.36             | 54.00             | -8.64          | 13.16          | 3           | Vertical  | 33             | 3.00          | -       | 32.20         | 38.70      | 9.20       | 34.74      |
| PK   | 11.00496G    | 55.70             | 74.00             | -18.30         | 13.16          | 3           | Vertical  | 33             | 3.00          | -       | 42.54         | 38.70      | 9.20       | 34.74      |
| PK   | 16.5058G     | 59.10             | 68.20             | -9.10          | 16.46          | 3           | Vertical  | 14             | 1.60          | -       | 42.64         | 38.68      | 12.71      | 34.93      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

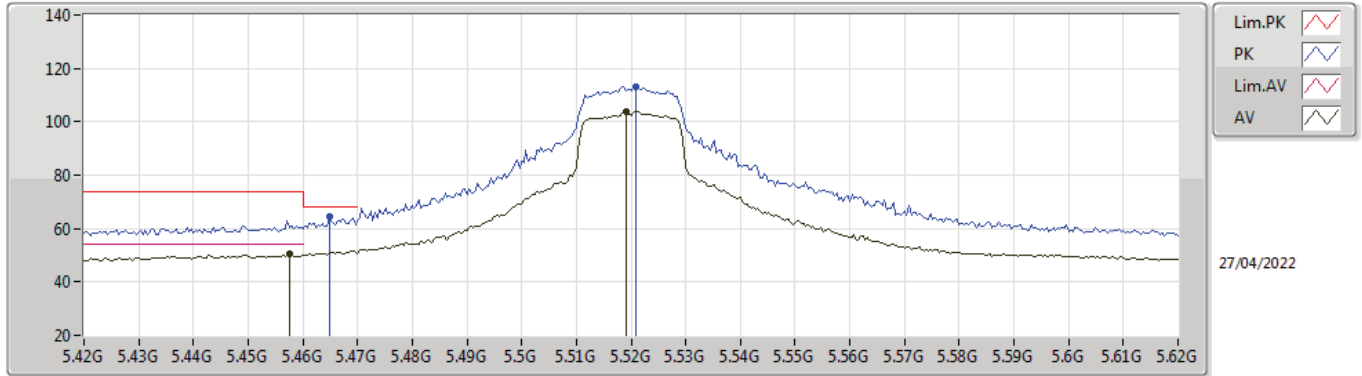
### 5500MHz\_TnomVnom



| 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   | 11.00048G    | 45.22             | 54.00             | -8.78          | 13.16          | 3           | Horizontal | 0              | 2.99          | -       | 32.06         | 38.70      | 9.20       | 34.74      |
| PK   | 11.00072G    | 55.60             | 74.00             | -18.40         | 13.16          | 3           | Horizontal | 0              | 2.99          | -       | 42.44         | 38.70      | 9.20       | 34.74      |
| PK   | 16.50732G    | 59.18             | 68.20             | -9.02          | 16.45          | 3           | Horizontal | 10             | 2.02          | -       | 42.73         | 38.67      | 12.71      | 34.93      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

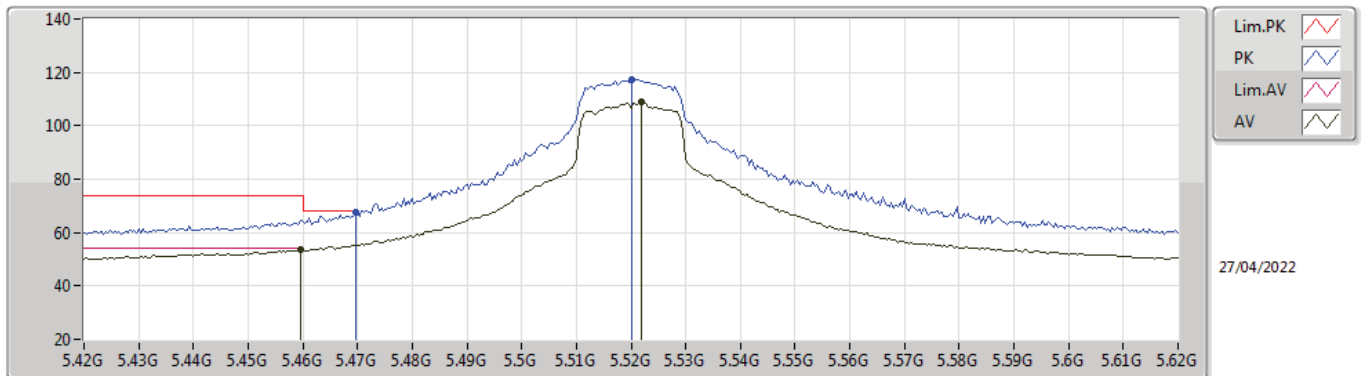
### 5520MHz\_TnomVnom



| 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   | 5.4576G      | 50.51             | 54.00             | -3.49          | 5.13           | 3           | Vertical  | 312            | 1.93          | -       | 45.38         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5192G      | 103.72            | Inf               | -Inf           | 5.21           | 3           | Vertical  | 312            | 1.93          | -       | 98.51         | 32.94      | 7.04       | 34.77      |
| PK   | 5.4648G      | 64.40             | 68.20             | -3.80          | 5.14           | 3           | Vertical  | 312            | 1.93          | -       | 59.26         | 32.83      | 7.08       | 34.77      |
| PK   | 5.5208G      | 112.92            | Inf               | -Inf           | 5.21           | 3           | Vertical  | 312            | 1.93          | -       | 107.71        | 32.94      | 7.04       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

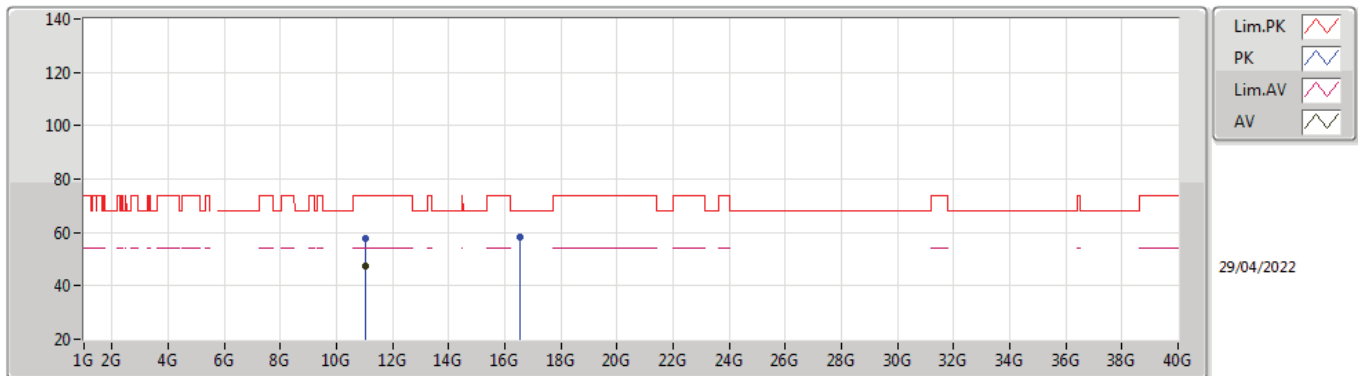
### 5520MHz\_TnomVnom



| 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   | 5.4596G      | 53.59             | 54.00             | -0.41          | 5.13           | 3           | Horizontal | 332            | 2.66          | -       | 48.46         | 32.82      | 7.08       | 34.77      |
| AV   | 5.522G       | 108.79            | Inf               | -Inf           | 5.21           | 3           | Horizontal | 332            | 2.66          | -       | 103.58        | 32.94      | 7.04       | 34.77      |
| PK   | 5.4696G      | 67.33             | 68.20             | -0.87          | 5.14           | 3           | Horizontal | 332            | 2.66          | -       | 62.19         | 32.84      | 7.07       | 34.77      |
| PK   | 5.52G        | 117.21            | Inf               | -Inf           | 5.21           | 3           | Horizontal | 332            | 2.66          | -       | 112.00        | 32.94      | 7.04       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

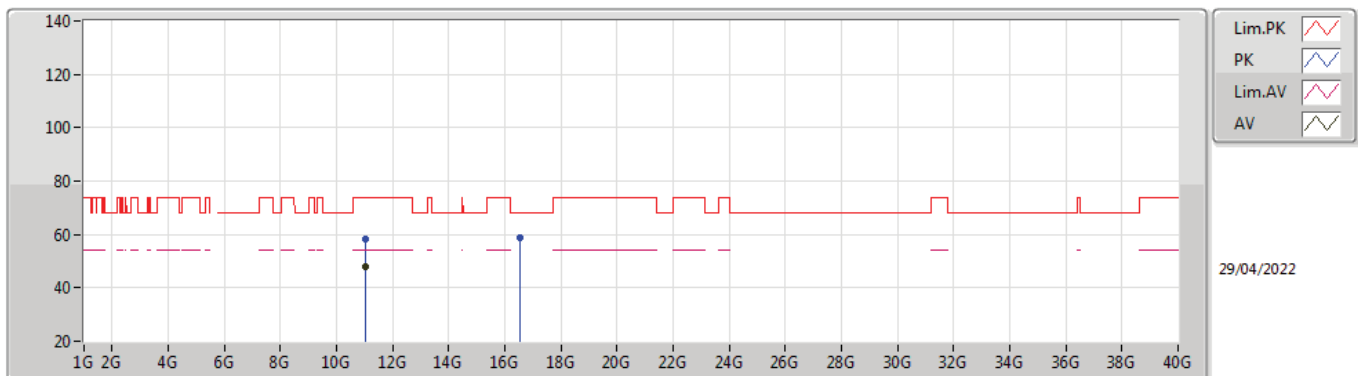
### 5520MHz\_TnomVnom



| 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   | 11.04408G    | 47.34             | 54.00             | -6.66          | 13.14          | 3           | Vertical  | 336            | 2.16          | -       | 34.20         | 38.66      | 9.21       | 34.73      |
| PK   | 11.04528G    | 57.72             | 74.00             | -16.28         | 13.13          | 3           | Vertical  | 336            | 2.16          | -       | 44.59         | 38.65      | 9.21       | 34.73      |
| PK   | 16.54328G    | 58.38             | 68.20             | -9.82          | 16.40          | 3           | Vertical  | 224            | 1.59          | -       | 41.98         | 38.53      | 12.72      | 34.85      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

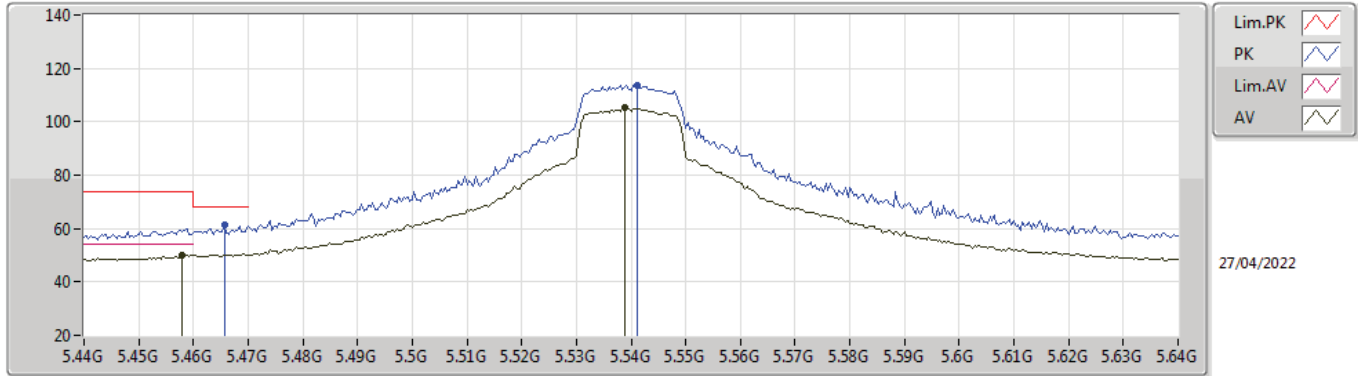
### 5520MHz\_TnomVnom



| 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   | 11.04168G    | 48.12             | 54.00             | -5.88          | 13.14          | 3           | Horizontal | 31             | 1.03          | -       | 34.98         | 38.66      | 9.21       | 34.73      |
| PK   | 11.04584G    | 58.20             | 74.00             | -15.80         | 13.14          | 3           | Horizontal | 31             | 1.03          | -       | 45.06         | 38.65      | 9.22       | 34.73      |
| PK   | 16.55288G    | 58.99             | 68.20             | -9.21          | 16.38          | 3           | Horizontal | 0              | 2.96          | -       | 42.61         | 38.49      | 12.72      | 34.83      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

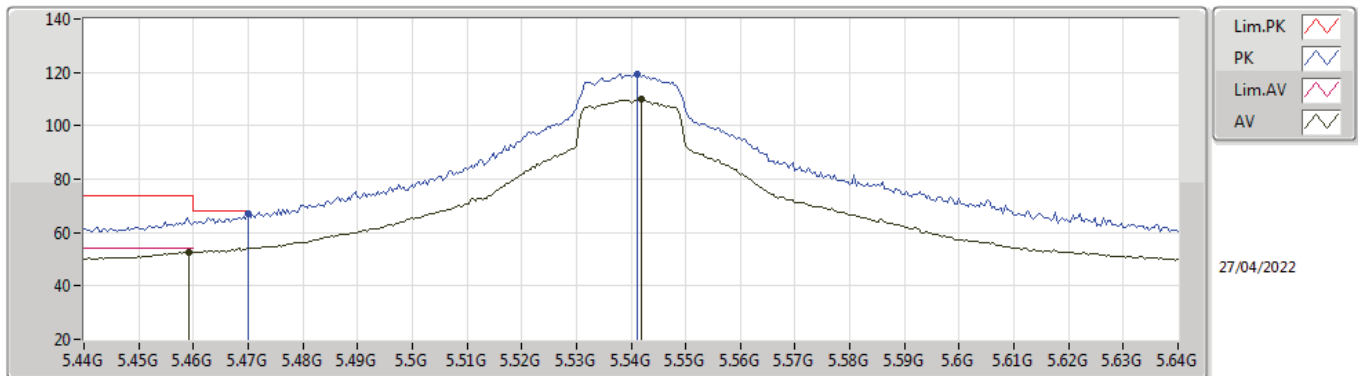
### 5540MHz\_TnomVnom



| 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   | 5.458G       | 50.17             | 54.00             | -3.83          | 5.13           | 3           | Vertical  | 312            | 1.83          | -       | 45.04         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5388G      | 105.47            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 312            | 1.83          | -       | 100.23        | 32.98      | 7.03       | 34.77      |
| PK   | 5.4656G      | 61.42             | 68.20             | -6.78          | 5.14           | 3           | Vertical  | 312            | 1.83          | -       | 56.28         | 32.83      | 7.08       | 34.77      |
| PK   | 5.5412G      | 113.68            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 312            | 1.83          | -       | 108.44        | 32.98      | 7.03       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

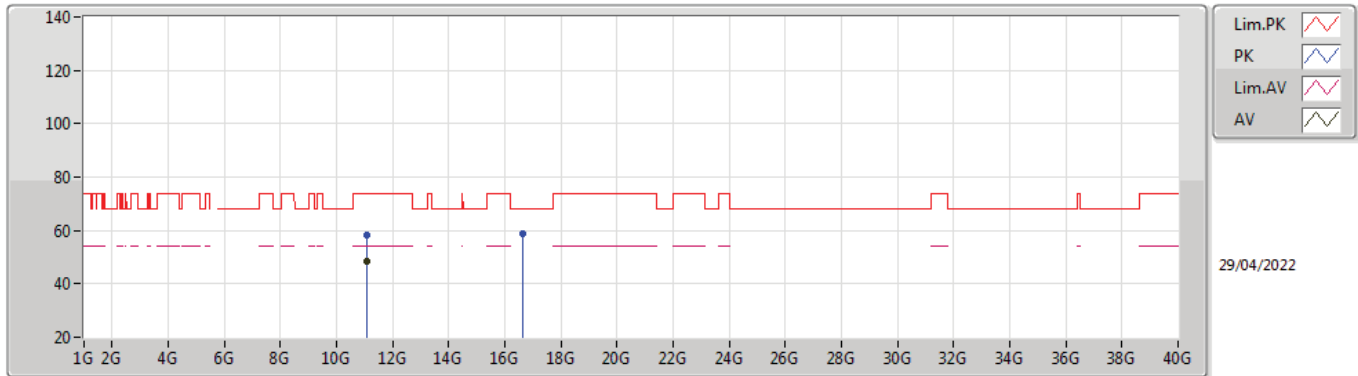
### 5540MHz\_TnomVnom



| 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   | 5.4592G      | 52.60             | 54.00             | -1.40          | 5.13           | 3           | Horizontal | 334            | 2.77          | -       | 47.47         | 32.82      | 7.08       | 34.77      |
| AV   | 5.542G       | 110.06            | Inf               | -Inf           | 5.24           | 3           | Horizontal | 334            | 2.77          | -       | 104.82        | 32.98      | 7.03       | 34.77      |
| PK   | 5.47G        | 66.91             | 68.20             | -1.29          | 5.14           | 3           | Horizontal | 334            | 2.77          | -       | 61.77         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5412G      | 119.34            | Inf               | -Inf           | 5.24           | 3           | Horizontal | 334            | 2.77          | -       | 114.10        | 32.98      | 7.03       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

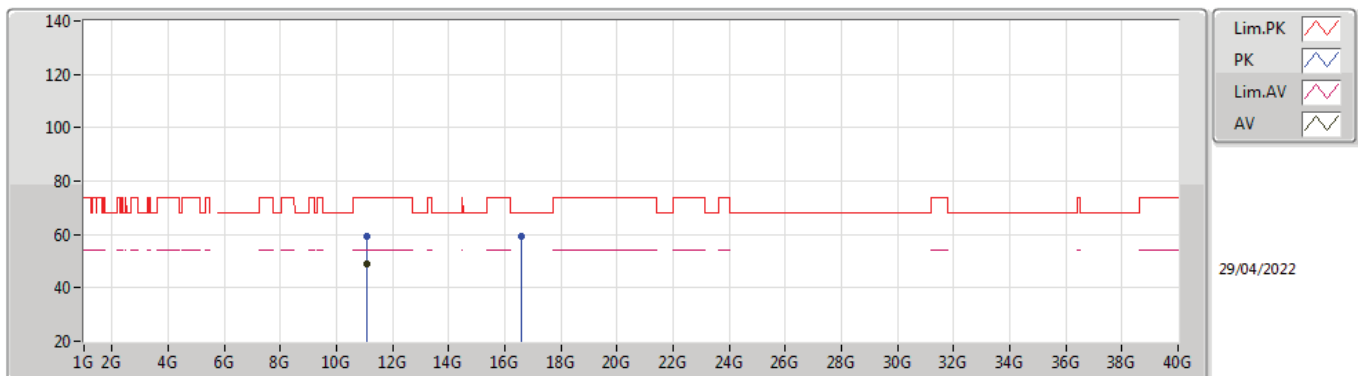
### 5540MHz\_TnomVnom



| 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   | 11.08288G    | 48.39             | 54.00             | -5.61          | 13.13          | 3           | Vertical  | 336            | 2.09          | -       | 35.26         | 38.62      | 9.23       | 34.72      |
| PK   | 11.074G      | 58.32             | 74.00             | -15.68         | 13.13          | 3           | Vertical  | 336            | 2.09          | -       | 45.19         | 38.63      | 9.22       | 34.72      |
| PK   | 16.61712G    | 58.82             | 68.20             | -9.38          | 16.30          | 3           | Vertical  | 166            | 2.35          | -       | 42.52         | 38.27      | 12.74      | 34.71      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

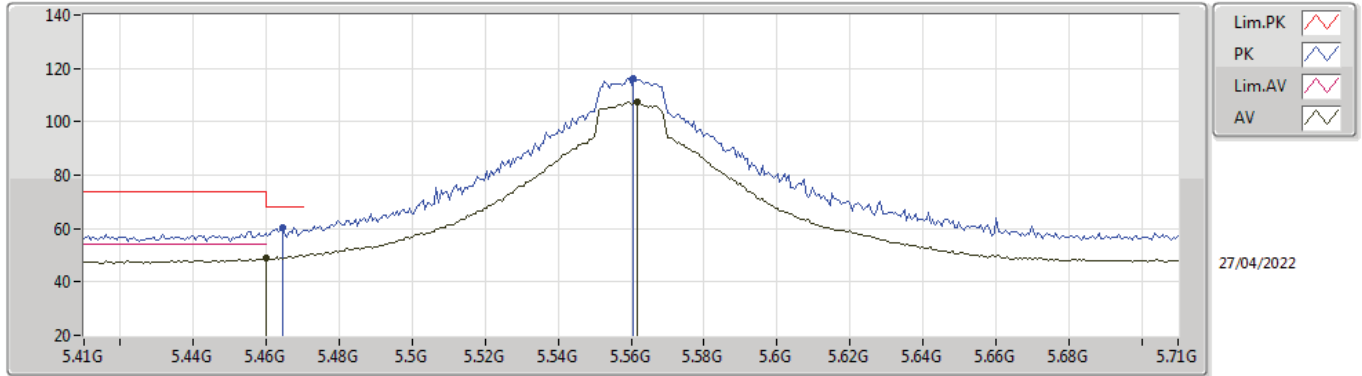
### 5540MHz\_TnomVnom



| 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   | 11.07928G    | 49.05             | 54.00             | -4.95          | 13.13          | 3           | Horizontal | 30             | 1.01          | -       | 35.92         | 38.62      | 9.23       | 34.72      |
| PK   | 11.07648G    | 59.53             | 74.00             | -14.47         | 13.13          | 3           | Horizontal | 30             | 1.01          | -       | 46.40         | 38.62      | 9.23       | 34.72      |
| PK   | 16.61368G    | 59.32             | 68.20             | -8.88          | 16.30          | 3           | Horizontal | 65             | 2.94          | -       | 43.02         | 38.27      | 12.74      | 34.71      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

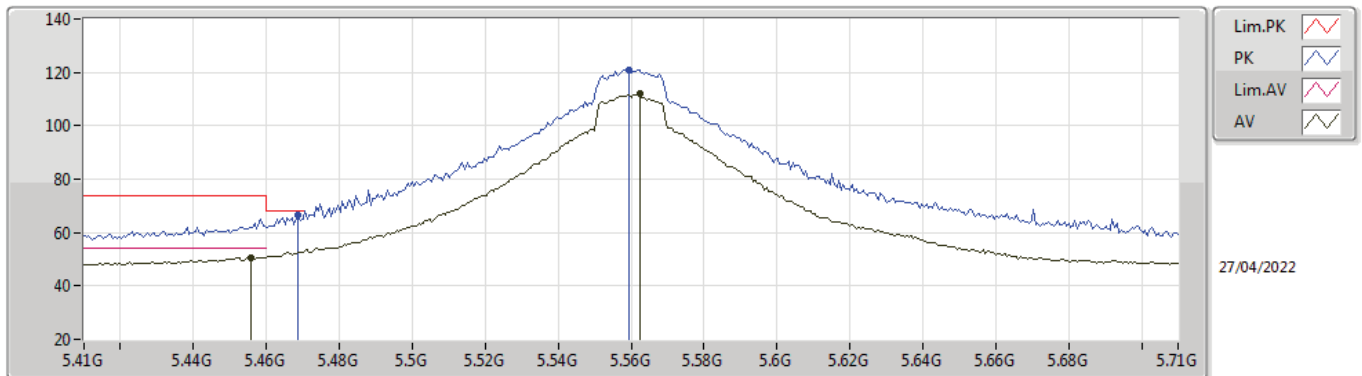
### 5560MHz\_TnomVnom



| 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   | 5.4598G      | 48.86             | 54.00             | -5.14          | 5.13           | 3           | Vertical  | 311            | 2.04          | -       | 43.73         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5618G      | 107.29            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 311            | 2.04          | -       | 102.05        | 33.00      | 7.01       | 34.77      |
| PK   | 5.4646G      | 60.25             | 68.20             | -7.95          | 5.14           | 3           | Vertical  | 311            | 2.04          | -       | 55.11         | 32.83      | 7.08       | 34.77      |
| PK   | 5.5606G      | 116.20            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 311            | 2.04          | -       | 110.95        | 33.00      | 7.02       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

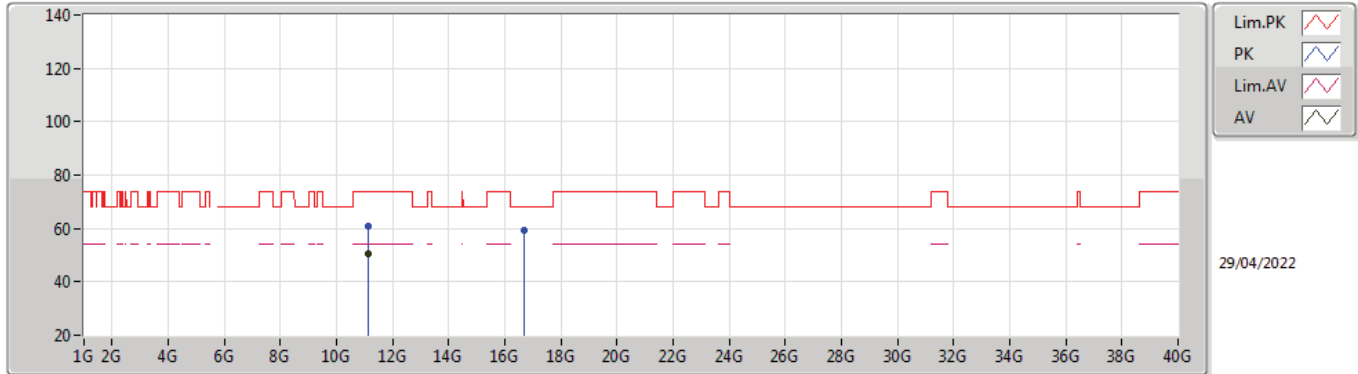
### 5560MHz\_TnomVnom



| 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   | 5.4556G      | 50.75             | 54.00             | -3.25          | 5.12           | 3           | Horizontal | 333            | 2.75          | -       | 45.63         | 32.81      | 7.08       | 34.77      |
| AV   | 5.5624G      | 111.85            | Inf               | -Inf           | 5.24           | 3           | Horizontal | 333            | 2.75          | -       | 106.61        | 33.00      | 7.01       | 34.77      |
| PK   | 5.4688G      | 66.56             | 68.20             | -1.64          | 5.15           | 3           | Horizontal | 333            | 2.75          | -       | 61.41         | 32.84      | 7.08       | 34.77      |
| PK   | 5.5594G      | 120.91            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 333            | 2.75          | -       | 115.66        | 33.00      | 7.02       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

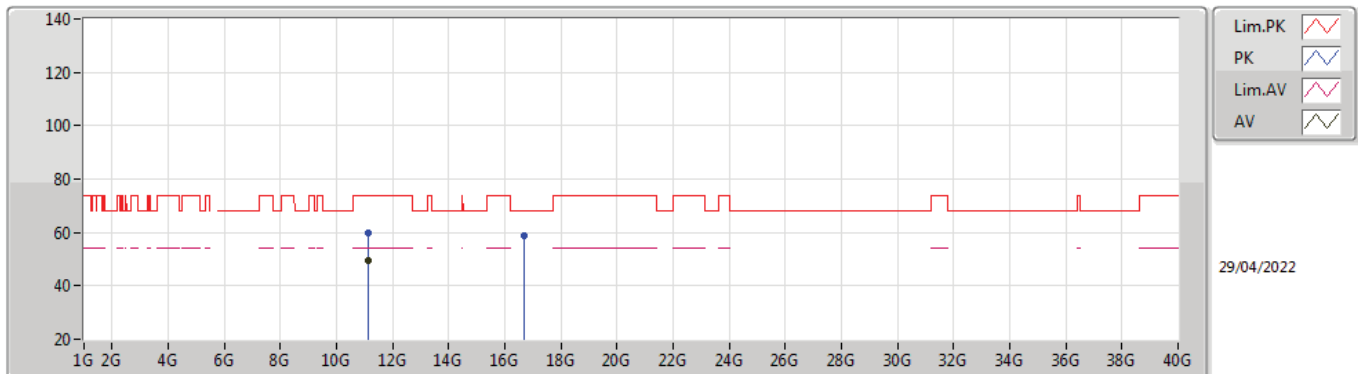
### 5560MHz\_TnomVnom



| 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   | 11.12112G    | 50.74             | 54.00             | -3.26          | 13.15          | 3           | Vertical  | 336            | 2.31          | -       | 37.59         | 38.62      | 9.24       | 34.71      |
| PK   | 11.11856G    | 60.67             | 74.00             | -13.33         | 13.15          | 3           | Vertical  | 336            | 2.31          | -       | 47.52         | 38.62      | 9.24       | 34.71      |
| PK   | 16.6836G     | 59.30             | 68.20             | -8.90          | 16.32          | 3           | Vertical  | 134            | 1.50          | -       | 42.98         | 38.13      | 12.76      | 34.57      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

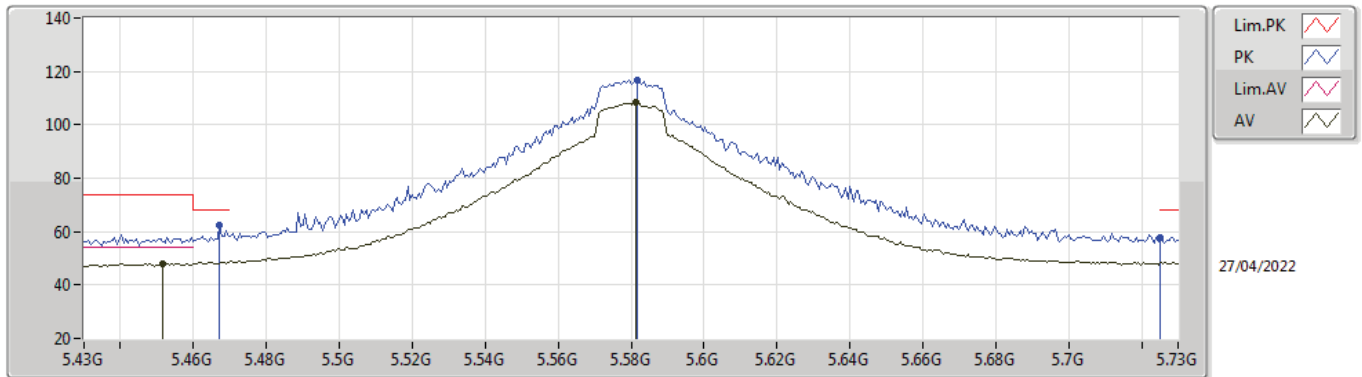
### 5560MHz\_TnomVnom



| 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   | 11.11744G    | 49.53             | 54.00             | -4.47          | 13.15          | 3           | Horizontal | 30             | 1.16          | -       | 36.38         | 38.62      | 9.24       | 34.71      |
| PK   | 11.12368G    | 59.72             | 74.00             | -14.28         | 13.15          | 3           | Horizontal | 30             | 1.16          | -       | 46.57         | 38.62      | 9.24       | 34.71      |
| PK   | 16.692G      | 58.75             | 68.20             | -9.45          | 16.32          | 3           | Horizontal | 250            | 1.50          | -       | 42.43         | 38.12      | 12.76      | 34.56      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

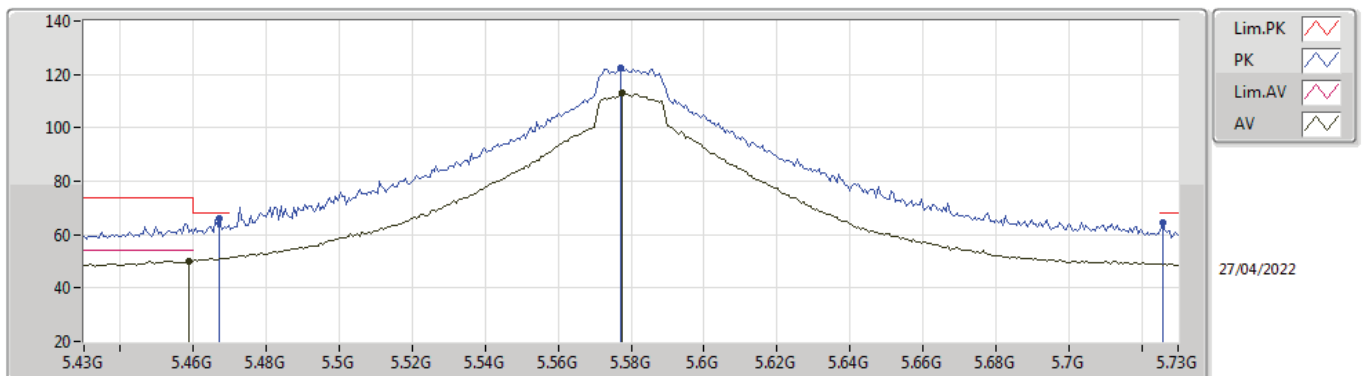
### 5580MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4516G | 48.13    | 54.00    | -5.87  | 5.12   | 3    | Vertical  | 311     | 2.23   | -       | 43.01  | 32.80 | 7.09 | 34.77 |
| AV   | 5.5812G | 108.31   | Inf      | -Inf   | 5.23   | 3    | Vertical  | 311     | 2.23   | -       | 103.08 | 33.00 | 7.00 | 34.77 |
| PK   | 5.4672G | 62.44    | 68.20    | -5.76  | 5.14   | 3    | Vertical  | 311     | 2.23   | -       | 57.30  | 32.83 | 7.08 | 34.77 |
| PK   | 5.5818G | 116.70   | Inf      | -Inf   | 5.23   | 3    | Vertical  | 311     | 2.23   | -       | 111.47 | 33.00 | 7.00 | 34.77 |
| PK   | 5.7252G | 57.68    | 68.20    | -10.52 | 5.67   | 3    | Vertical  | 311     | 2.23   | -       | 52.01  | 33.50 | 6.94 | 34.77 |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

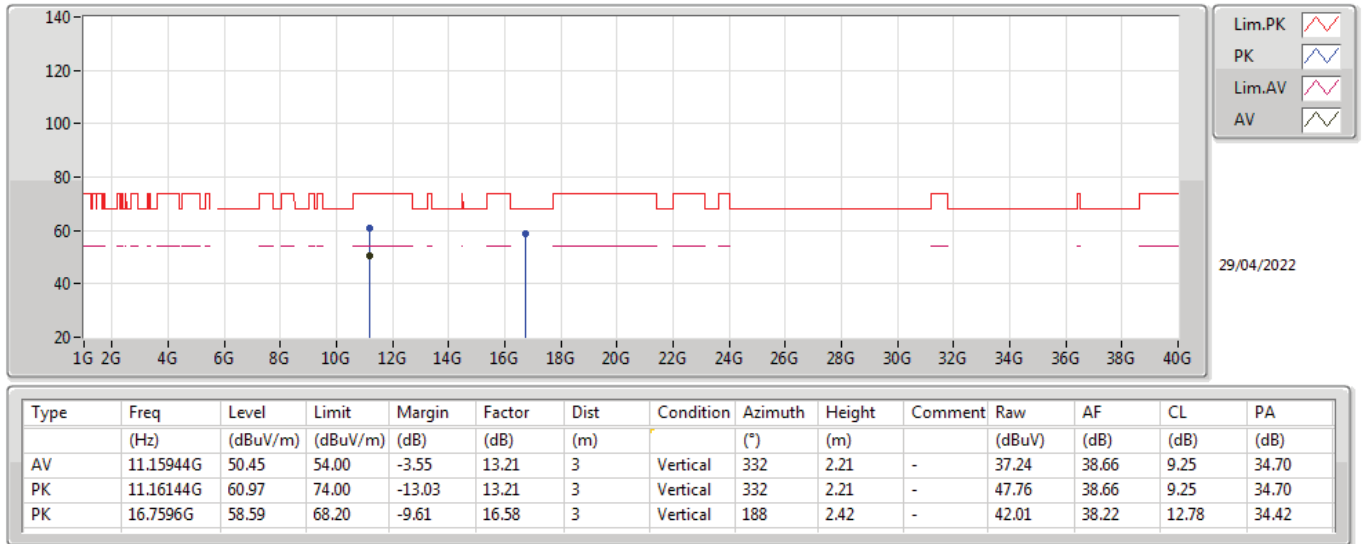
### 5580MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4588G | 50.25    | 54.00    | -3.75  | 5.13   | 3    | Horizontal | 322     | 2.73   | -       | 45.12  | 32.82 | 7.08 | 34.77 |
| AV   | 5.5776G | 113.22   | Inf      | -Inf   | 5.23   | 3    | Horizontal | 322     | 2.73   | -       | 107.99 | 33.00 | 7.00 | 34.77 |
| PK   | 5.4672G | 65.96    | 68.20    | -2.24  | 5.14   | 3    | Horizontal | 322     | 2.73   | -       | 60.82  | 32.83 | 7.08 | 34.77 |
| PK   | 5.577G  | 122.45   | Inf      | -Inf   | 5.23   | 3    | Horizontal | 322     | 2.73   | -       | 117.22 | 33.00 | 7.00 | 34.77 |
| PK   | 5.7258G | 64.32    | 68.20    | -3.88  | 5.67   | 3    | Horizontal | 322     | 2.73   | -       | 58.65  | 33.50 | 6.94 | 34.77 |

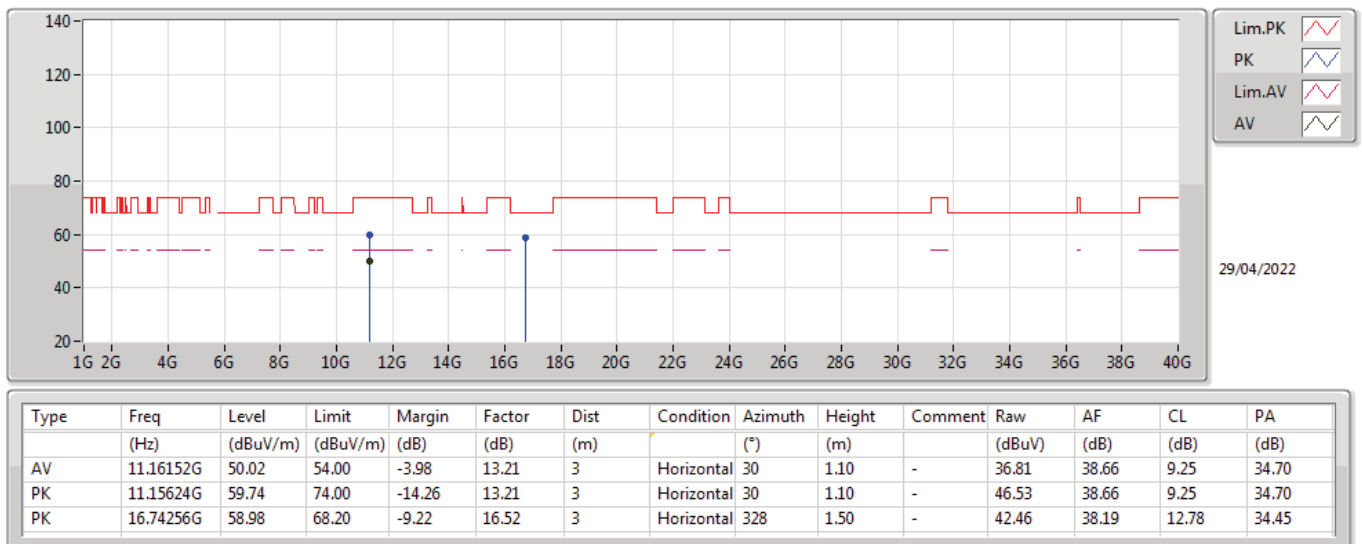
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5580MHz\_TnomVnom



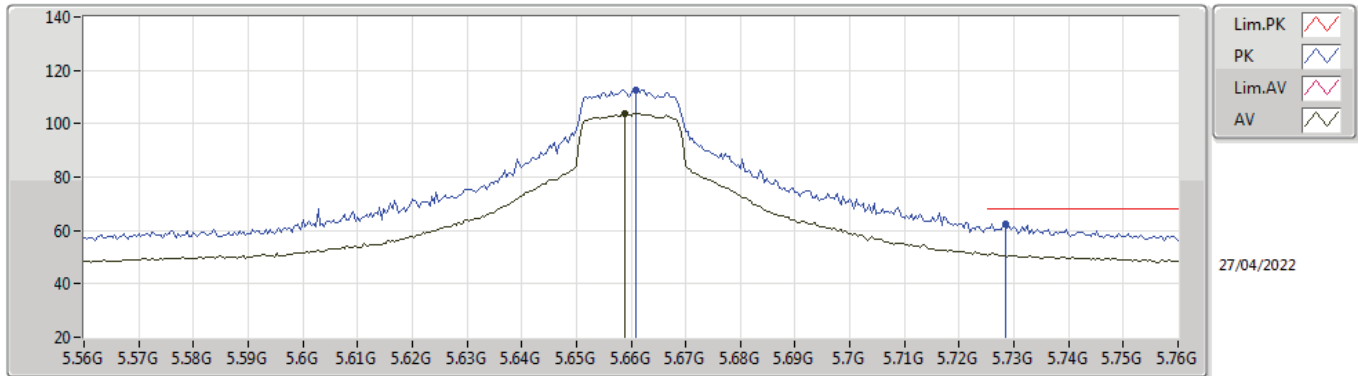
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5580MHz\_TnomVnom



## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

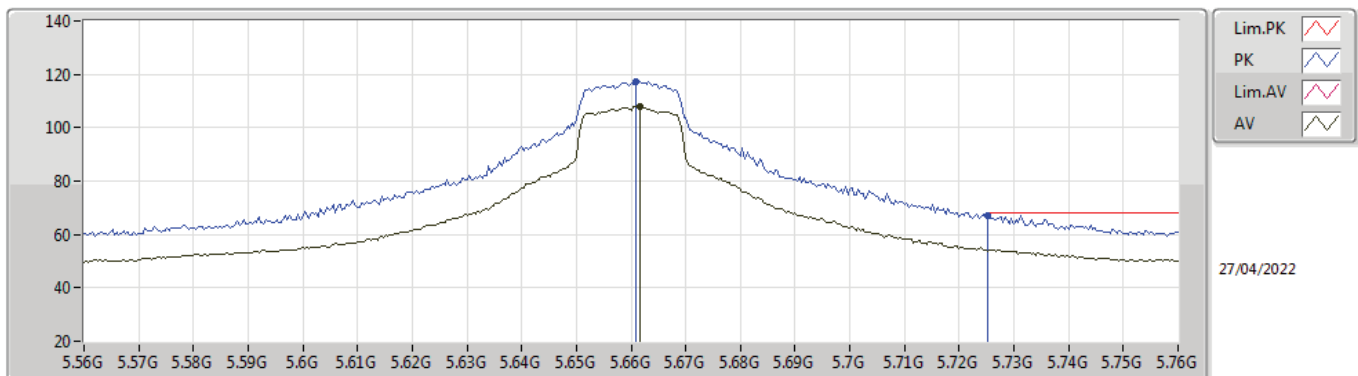
### 5660MHz\_TnomVnom



| 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   | 5.6588G      | 104.04            | Inf               | -Inf           | 5.27           | 3           | Vertical  | 313            | 1.84          | -       | 98.77         | 33.07      | 6.97       | 34.77      |
| PK   | 5.6608G      | 112.74            | Inf               | -Inf           | 5.29           | 3           | Vertical  | 313            | 1.84          | -       | 107.45        | 33.09      | 6.97       | 34.77      |
| PK   | 5.7284G      | 62.42             | 68.20             | -5.78          | 5.68           | 3           | Vertical  | 313            | 1.84          | -       | 56.74         | 33.51      | 6.94       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

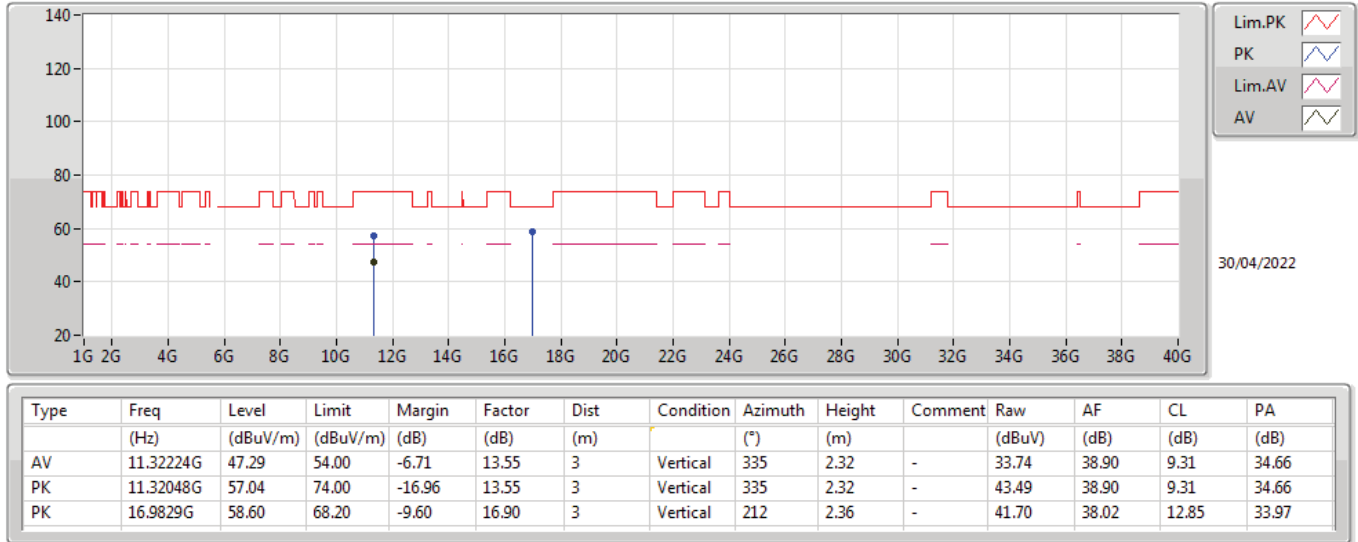
### 5660MHz\_TnomVnom



| 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   | 5.6616G      | 107.93            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 343            | 2.63          | -       | 102.64        | 33.09      | 6.97       | 34.77      |
| PK   | 5.6608G      | 117.35            | Inf               | -Inf           | 5.29           | 3           | Horizontal | 343            | 2.63          | -       | 112.06        | 33.09      | 6.97       | 34.77      |
| PK   | 5.7252G      | 67.30             | 68.20             | -0.90          | 5.67           | 3           | Horizontal | 343            | 2.63          | -       | 61.63         | 33.50      | 6.94       | 34.77      |

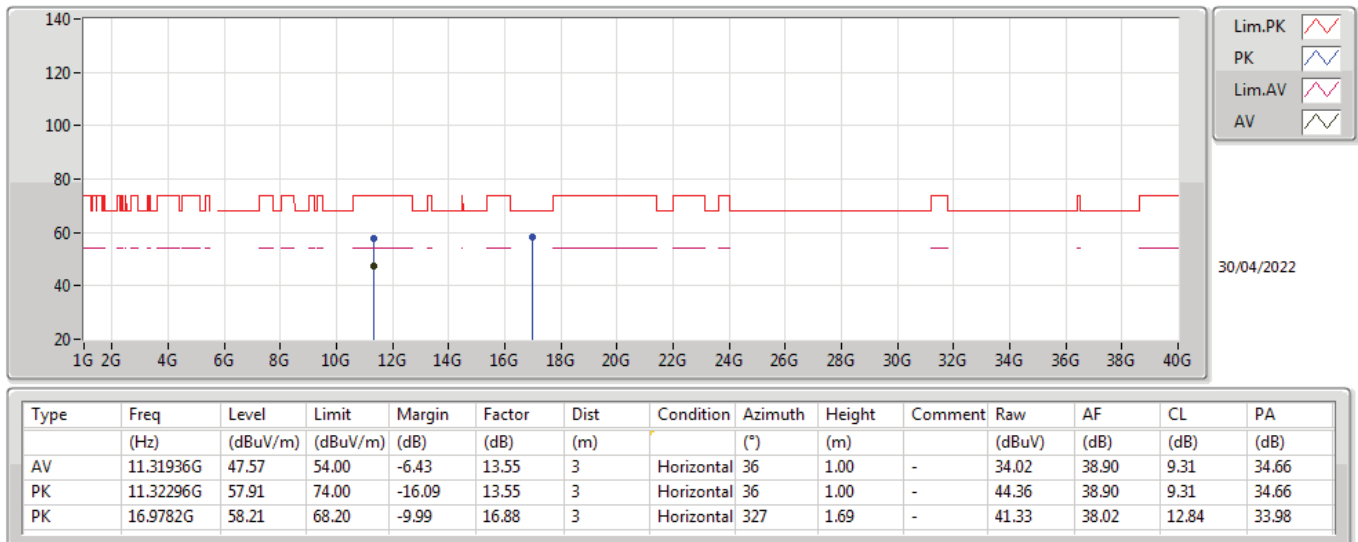
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5660MHz\_TnomVnom



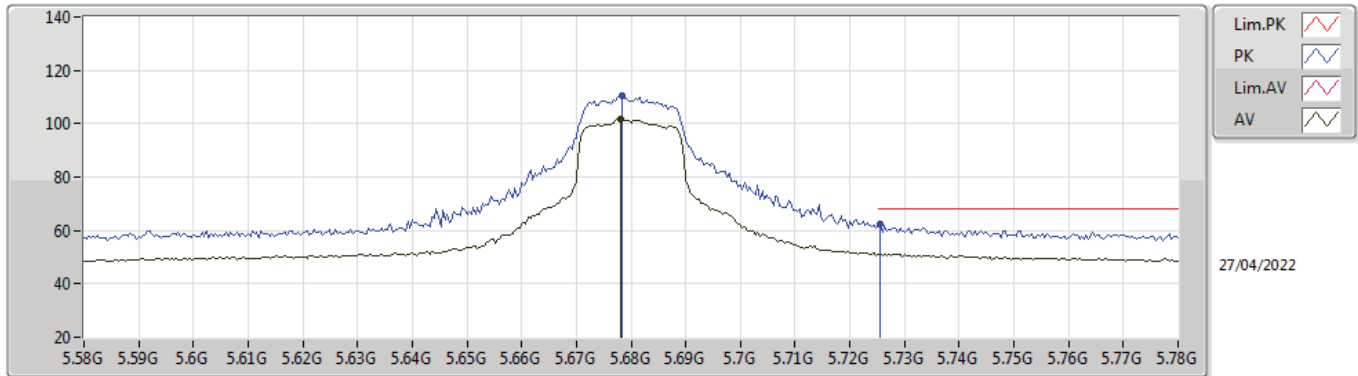
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5660MHz\_TnomVnom



## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

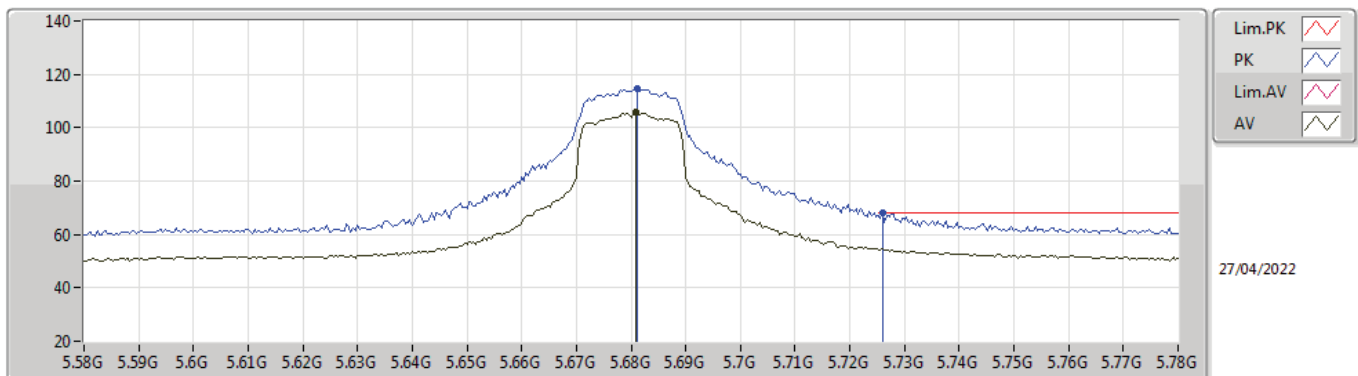
### 5680MHz\_TnomVnom



| 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   | 5.678G       | 101.54            | Inf               | -Inf           | 5.41           | 3           | Vertical  | 316            | 1.94          | -       | 96.13         | 33.22      | 6.96       | 34.77      |
| PK   | 5.6784G      | 110.38            | Inf               | -Inf           | 5.42           | 3           | Vertical  | 316            | 1.94          | -       | 104.96        | 33.23      | 6.96       | 34.77      |
| PK   | 5.7256G      | 62.18             | 68.20             | -6.02          | 5.67           | 3           | Vertical  | 316            | 1.94          | -       | 56.51         | 33.50      | 6.94       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

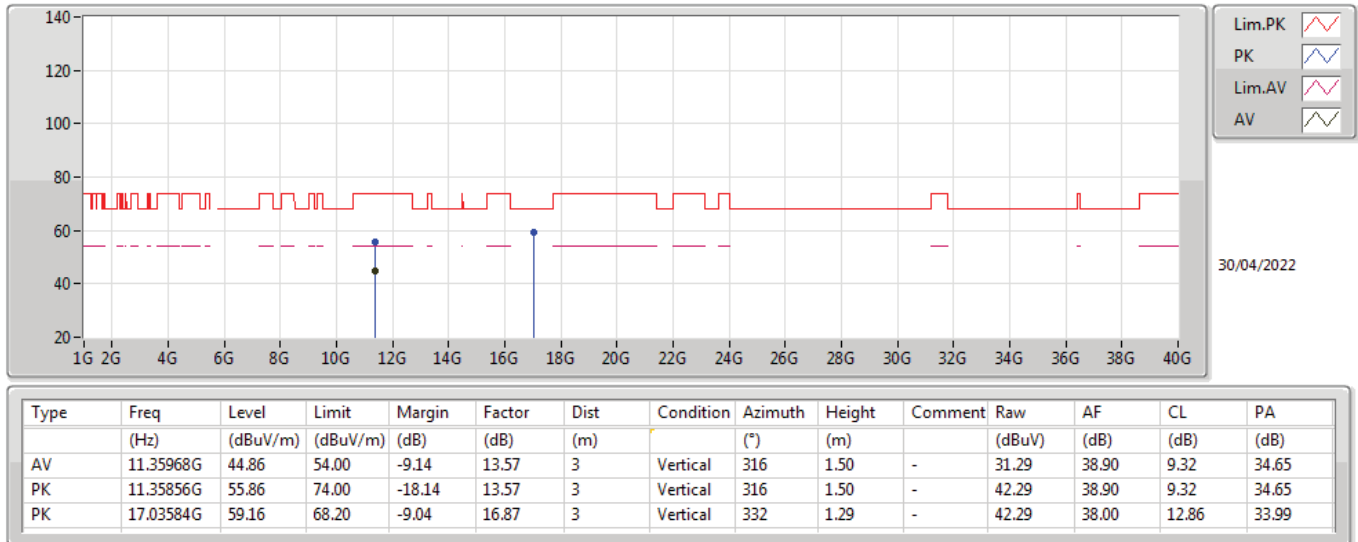
### 5680MHz\_TnomVnom



| 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   | 5.6808G      | 105.89            | Inf               | -Inf           | 5.44           | 3           | Horizontal | 332            | 2.62          | -       | 100.45        | 33.25      | 6.96       | 34.77      |
| PK   | 5.6812G      | 114.71            | Inf               | -Inf           | 5.44           | 3           | Horizontal | 332            | 2.62          | -       | 109.27        | 33.25      | 6.96       | 34.77      |
| PK   | 5.726G       | 67.98             | 68.20             | -0.22          | 5.67           | 3           | Horizontal | 332            | 2.62          | -       | 62.31         | 33.50      | 6.94       | 34.77      |

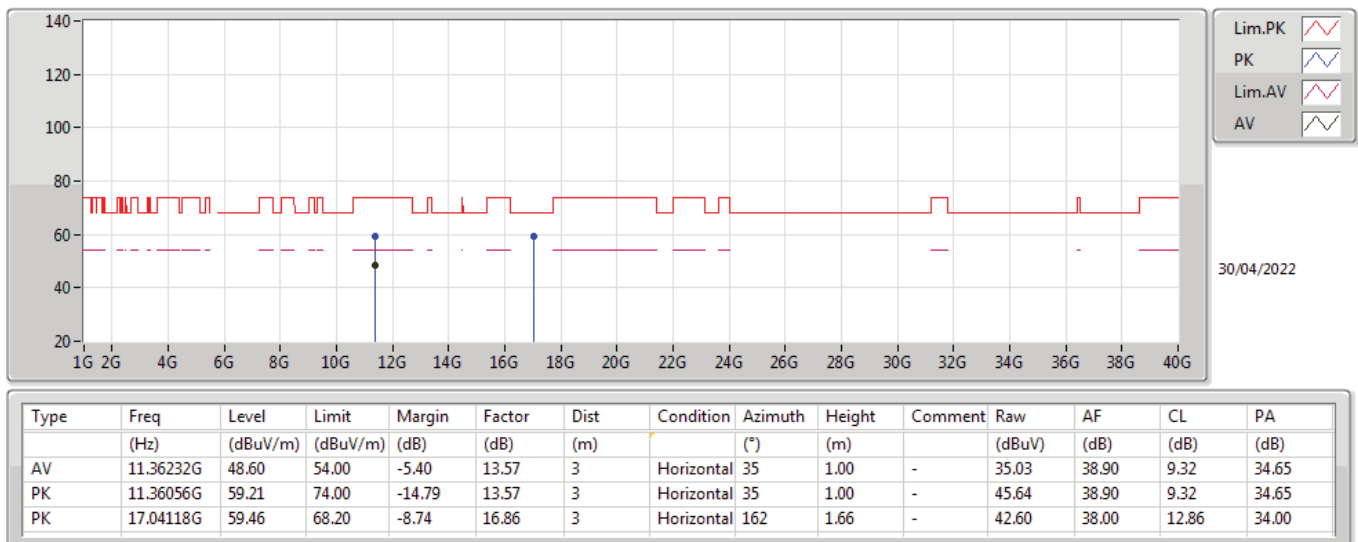
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5680MHz\_TnomVnom



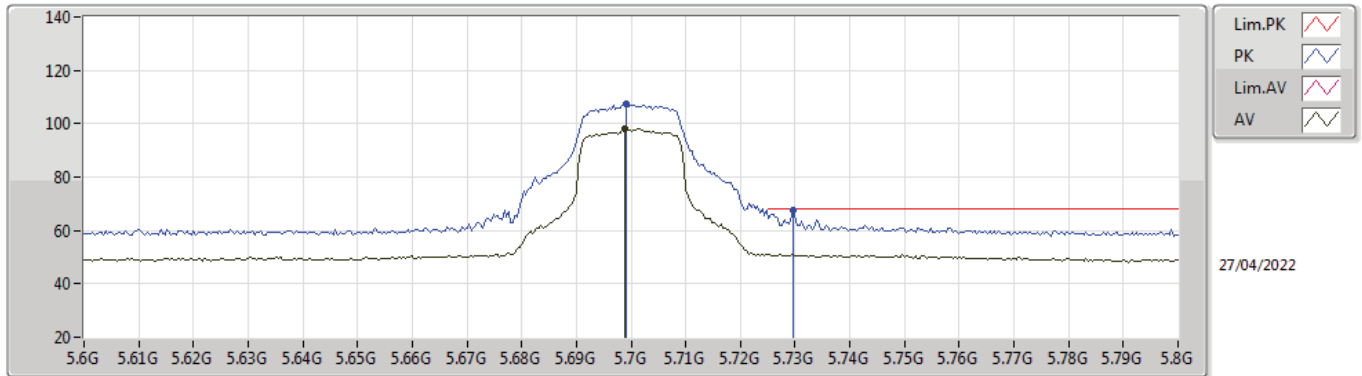
## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

### 5680MHz\_TnomVnom



## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

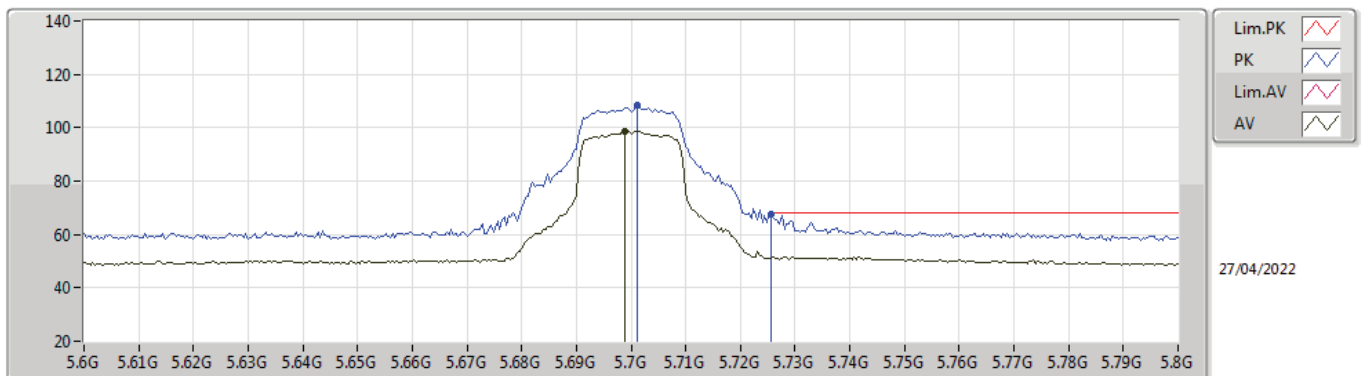
### 5700MHz\_TnomVnom



| 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   | 5.6988G      | 98.06             | Inf               | -Inf           | 5.57           | 3           | Vertical  | 312            | 1.80          | -       | 92.49         | 33.39      | 6.95       | 34.77      |
| PK   | 5.6992G      | 107.30            | Inf               | -Inf           | 5.57           | 3           | Vertical  | 312            | 1.80          | -       | 101.73        | 33.39      | 6.95       | 34.77      |
| PK   | 5.7296G      | 67.41             | 68.20             | -0.79          | 5.69           | 3           | Vertical  | 312            | 1.80          | -       | 61.72         | 33.52      | 6.94       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

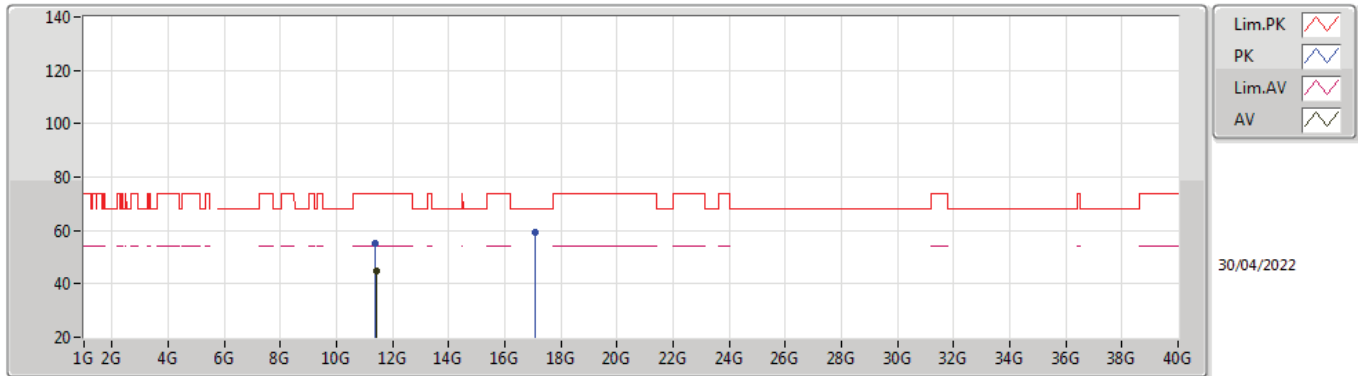
### 5700MHz\_TnomVnom



| 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   | 5.6988G      | 98.80             | Inf               | -Inf           | 5.57           | 3           | Horizontal | 311            | 1.91          | -       | 93.23         | 33.39      | 6.95       | 34.77      |
| PK   | 5.7012G      | 108.28            | Inf               | -Inf           | 5.58           | 3           | Horizontal | 311            | 1.91          | -       | 102.70        | 33.40      | 6.95       | 34.77      |
| PK   | 5.7256G      | 67.77             | 68.20             | -0.43          | 5.67           | 3           | Horizontal | 311            | 1.91          | -       | 62.10         | 33.50      | 6.94       | 34.77      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

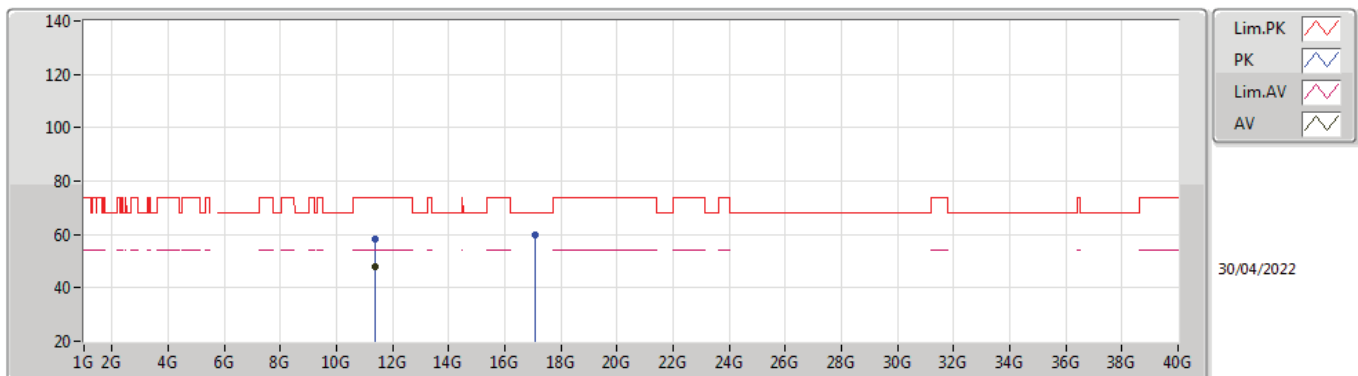
### 5700MHz\_TnomVnom



| 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   | 11.40536G    | 44.92             | 54.00             | -9.08          | 13.59          | 3           | Vertical  | 329            | 1.50          | -       | 31.33         | 38.89      | 9.33       | 34.63      |
| PK   | 11.39752G    | 54.99             | 74.00             | -19.01         | 13.59          | 3           | Vertical  | 329            | 1.50          | -       | 41.40         | 38.90      | 9.33       | 34.64      |
| PK   | 17.09168G    | 59.50             | 68.20             | -8.70          | 16.82          | 3           | Vertical  | 68             | 1.40          | -       | 42.68         | 38.00      | 12.88      | 34.06      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

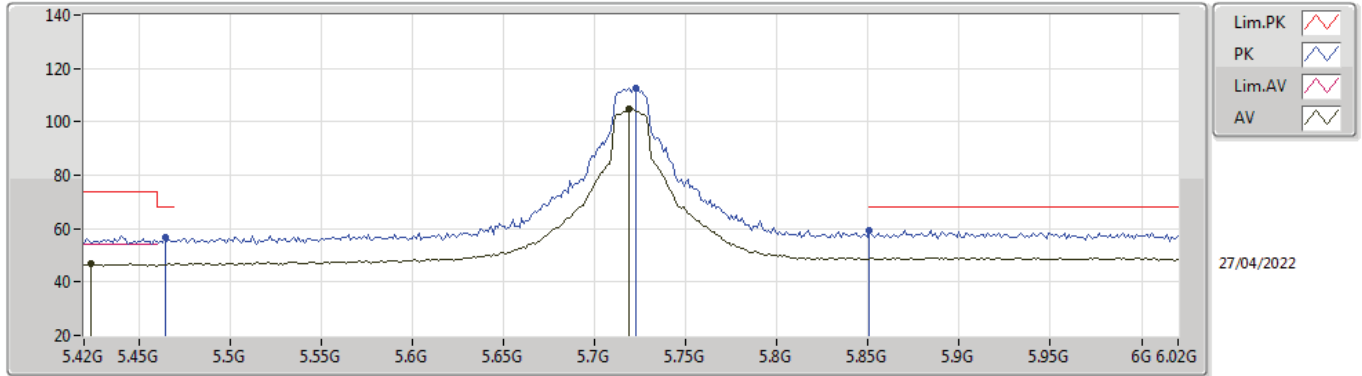
### 5700MHz\_TnomVnom



| 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   | 11.40104G    | 47.76             | 54.00             | -6.24          | 13.59          | 3           | Horizontal | 35             | 1.00          | -       | 34.17         | 38.90      | 9.33       | 34.64      |
| PK   | 11.3984G     | 58.35             | 74.00             | -15.65         | 13.59          | 3           | Horizontal | 35             | 1.00          | -       | 44.76         | 38.90      | 9.33       | 34.64      |
| PK   | 17.09448G    | 59.96             | 68.20             | -8.24          | 16.81          | 3           | Horizontal | 53             | 1.23          | -       | 43.15         | 38.00      | 12.88      | 34.07      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

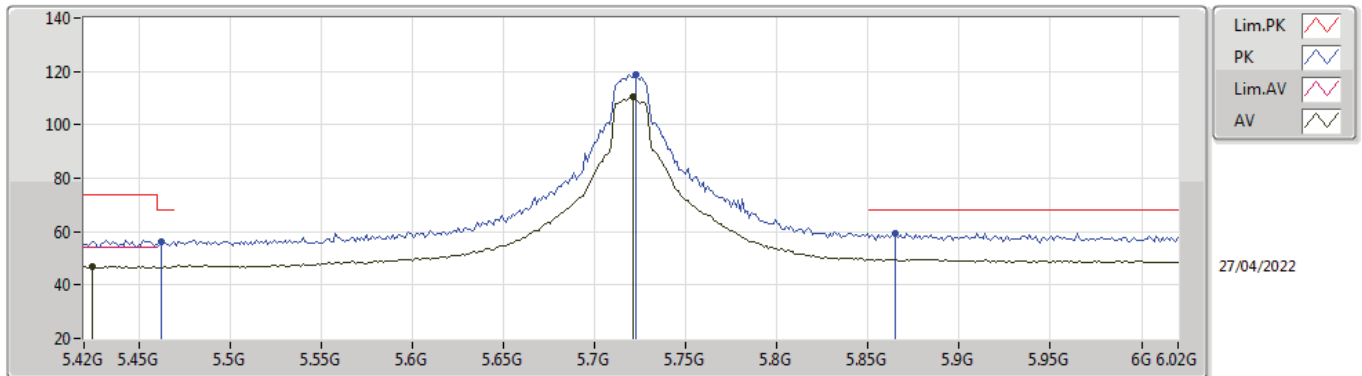
### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4236G | 46.73    | 54.00    | -7.27  | 5.24   | 3    | Vertical  | 311     | 1.70   | -       | 41.49  | 32.91 | 7.10 | 34.77 |
| AV   | 5.7188G | 104.70   | Inf      | -Inf   | 5.65   | 3    | Vertical  | 311     | 1.70   | -       | 99.05  | 33.48 | 6.94 | 34.77 |
| PK   | 5.4644G | 56.56    | 68.20    | -11.64 | 5.14   | 3    | Vertical  | 311     | 1.70   | -       | 51.42  | 32.83 | 7.08 | 34.77 |
| PK   | 5.7224G | 112.74   | Inf      | -Inf   | 5.66   | 3    | Vertical  | 311     | 1.70   | -       | 107.08 | 33.49 | 6.94 | 34.77 |
| PK   | 5.8508G | 59.29    | 68.20    | -8.91  | 6.46   | 3    | Vertical  | 311     | 1.70   | -       | 52.83  | 34.10 | 7.13 | 34.77 |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

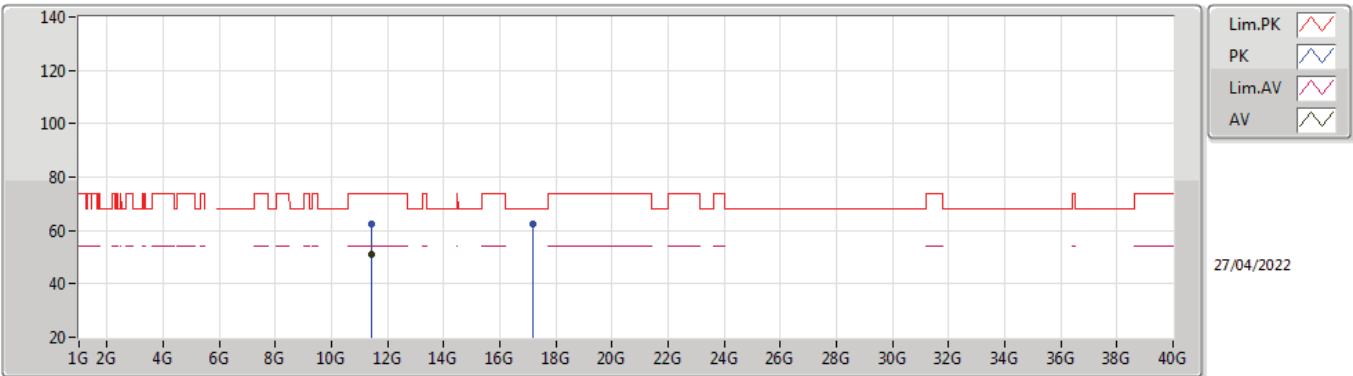
### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4248G | 47.13    | 54.00    | -6.87  | 5.23   | 3    | Horizontal | 341     | 2.59   | -       | 41.90  | 32.90 | 7.10 | 34.77 |
| AV   | 5.7212G | 110.26   | Inf      | -Inf   | 5.65   | 3    | Horizontal | 341     | 2.59   | -       | 104.61 | 33.48 | 6.94 | 34.77 |
| PK   | 5.462G  | 56.44    | 68.20    | -11.76 | 5.13   | 3    | Horizontal | 341     | 2.59   | -       | 51.31  | 32.82 | 7.08 | 34.77 |
| PK   | 5.7224G | 118.99   | Inf      | -Inf   | 5.66   | 3    | Horizontal | 341     | 2.59   | -       | 113.33 | 33.49 | 6.94 | 34.77 |
| PK   | 5.8652G | 59.37    | 68.20    | -8.83  | 6.59   | 3    | Horizontal | 341     | 2.59   | -       | 52.78  | 34.16 | 7.20 | 34.77 |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

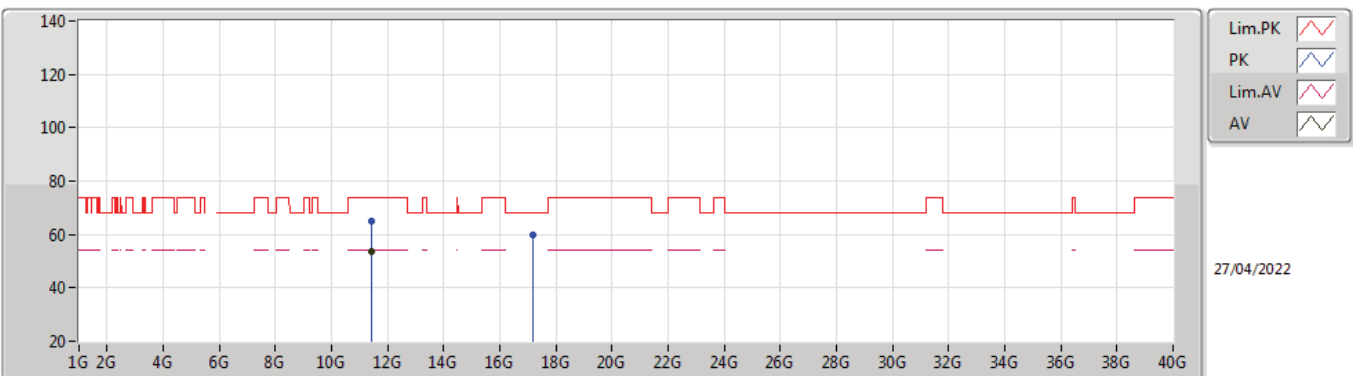
### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom



| 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   | 11.4404G     | 51.13             | 54.00             | -2.87          | 13.54          | 3           | Vertical  | 339            | 2.19          | -       | 37.59         | 38.82      | 9.35       | 34.63      |
| PK   | 11.44241G    | 62.40             | 74.00             | -11.60         | 13.55          | 3           | Vertical  | 339            | 2.19          | -       | 48.85         | 38.82      | 9.35       | 34.62      |
| PK   | 17.15886G    | 62.32             | 68.20             | -5.88          | 16.93          | 3           | Vertical  | 280            | 2.20          | -       | 45.39         | 38.18      | 12.90      | 34.15      |

## 802.11ac VHT20\_Nss2,(MCS0)\_2TX

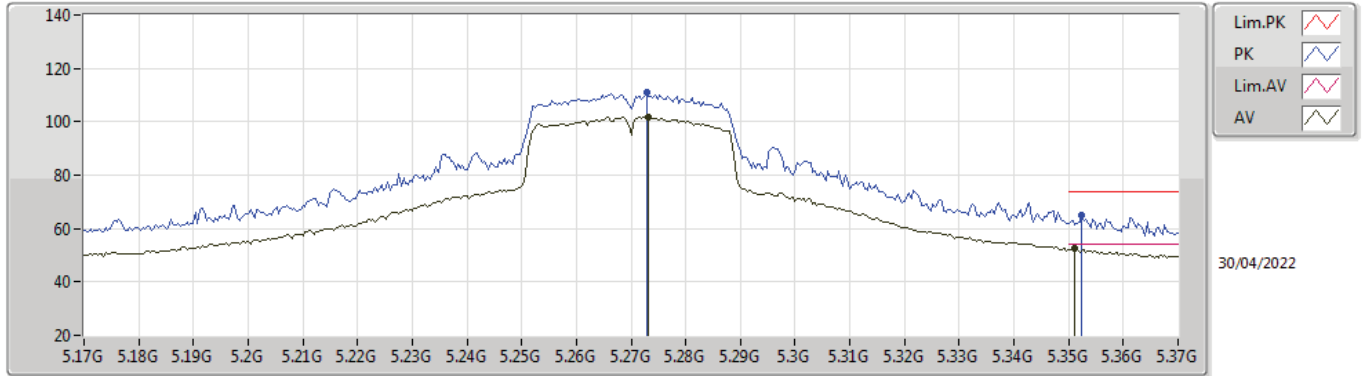
### 5720MHz Straddle 5.47-5.725GHz\_TnomVnom



| 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   | 11.44082G    | 53.82             | 54.00             | -0.18          | 13.54          | 3           | Horizontal | 35             | 1.02          | -       | 40.28         | 38.82      | 9.35       | 34.63      |
| PK   | 11.43906G    | 65.02             | 74.00             | -8.98          | 13.53          | 3           | Horizontal | 35             | 1.02          | -       | 51.49         | 38.82      | 9.34       | 34.63      |
| PK   | 17.16037G    | 59.97             | 68.20             | -8.23          | 16.93          | 3           | Horizontal | 256            | 2.50          | -       | 43.04         | 38.18      | 12.90      | 34.15      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

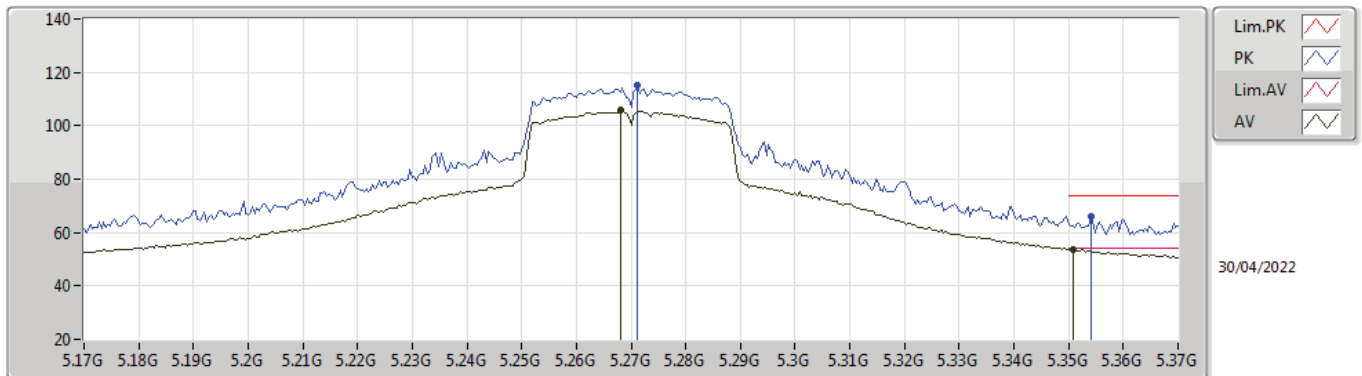
### 5270MHz\_TnomVnom



| 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   | 5.2732G      | 101.67            | Inf               | -Inf           | 5.21           | 3           | Vertical  | 248            | 2.67          | -       | 96.46         | 33.01      | 6.97       | 34.77      |
| AV   | 5.3512G      | 52.42             | 54.00             | -1.58          | 5.00           | 3           | Vertical  | 248            | 2.67          | -       | 47.42         | 32.71      | 7.06       | 34.77      |
| PK   | 5.2728G      | 110.79            | Inf               | -Inf           | 5.21           | 3           | Vertical  | 248            | 2.67          | -       | 105.58        | 33.01      | 6.97       | 34.77      |
| PK   | 5.3524G      | 64.75             | 74.00             | -9.25          | 5.01           | 3           | Vertical  | 248            | 2.67          | -       | 59.74         | 32.71      | 7.07       | 34.77      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

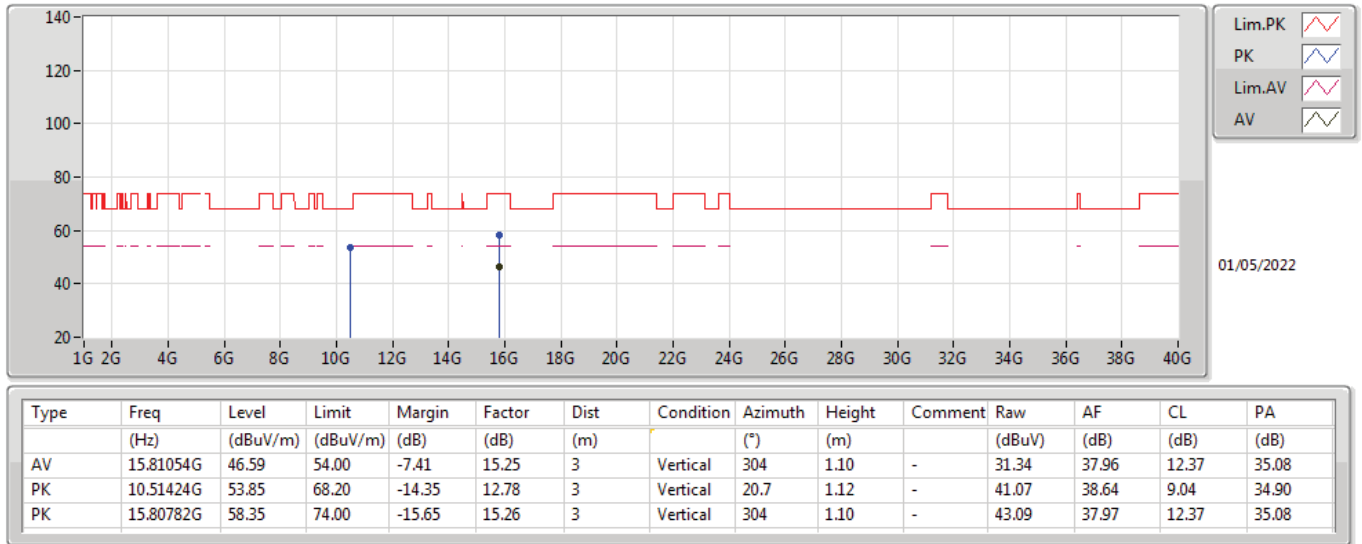
### 5270MHz\_TnomVnom



| 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   | 5.268G       | 105.65            | Inf               | -Inf           | 5.23           | 3           | Horizontal | 331            | 2.71          | -       | 100.42        | 33.03      | 6.97       | 34.77      |
| AV   | 5.3508G      | 53.65             | 54.00             | -0.35          | 4.99           | 3           | Horizontal | 331            | 2.71          | -       | 48.66         | 32.70      | 7.06       | 34.77      |
| PK   | 5.2712G      | 114.93            | Inf               | -Inf           | 5.22           | 3           | Horizontal | 331            | 2.71          | -       | 109.71        | 33.02      | 6.97       | 34.77      |
| PK   | 5.354G       | 65.83             | 74.00             | -8.17          | 5.02           | 3           | Horizontal | 331            | 2.71          | -       | 60.81         | 32.72      | 7.07       | 34.77      |

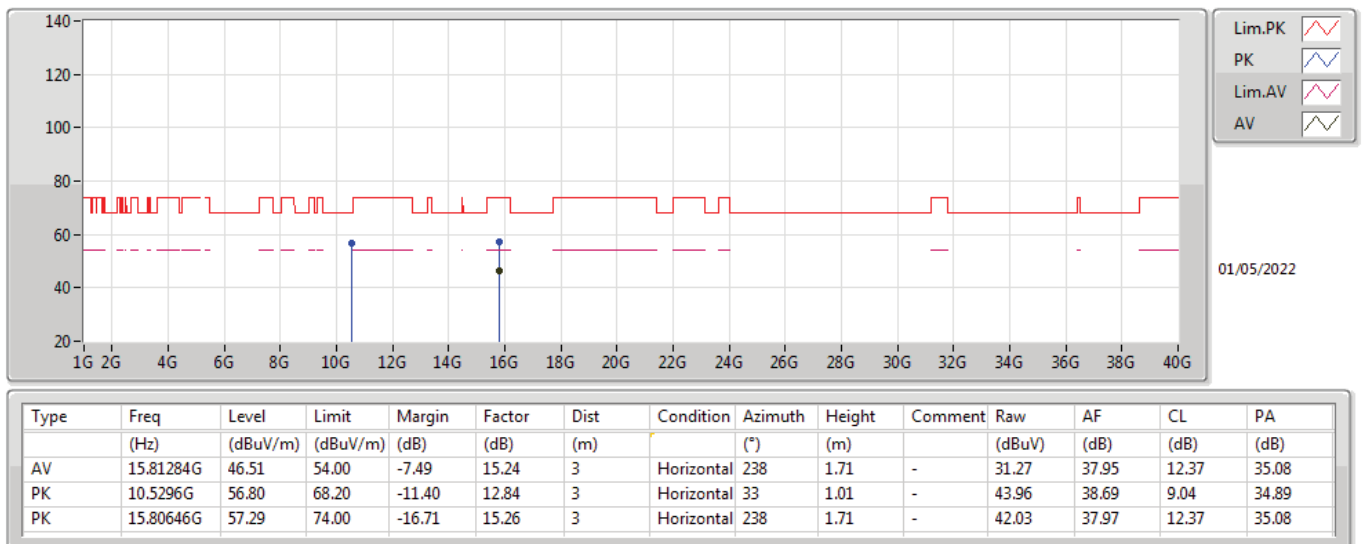
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### 5270MHz\_TnomVnom



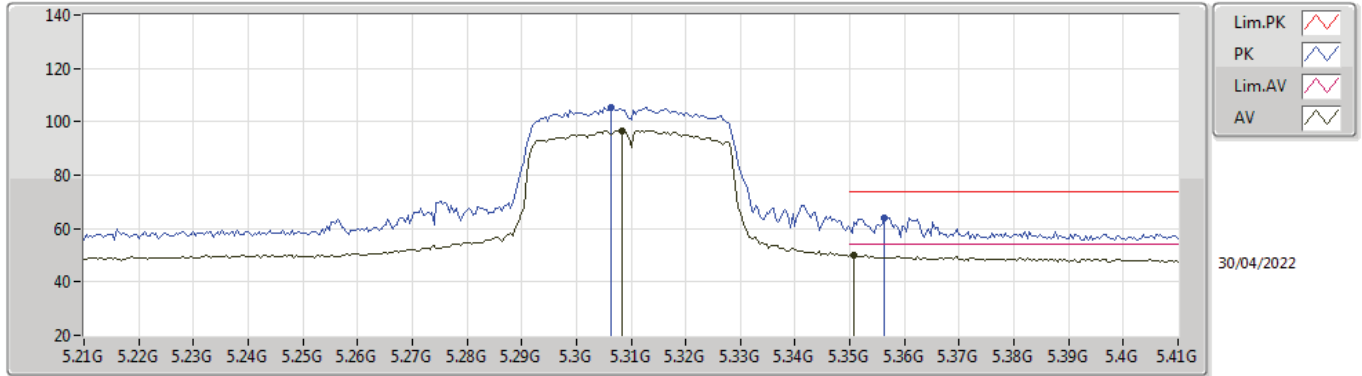
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### 5270MHz\_TnomVnom



## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

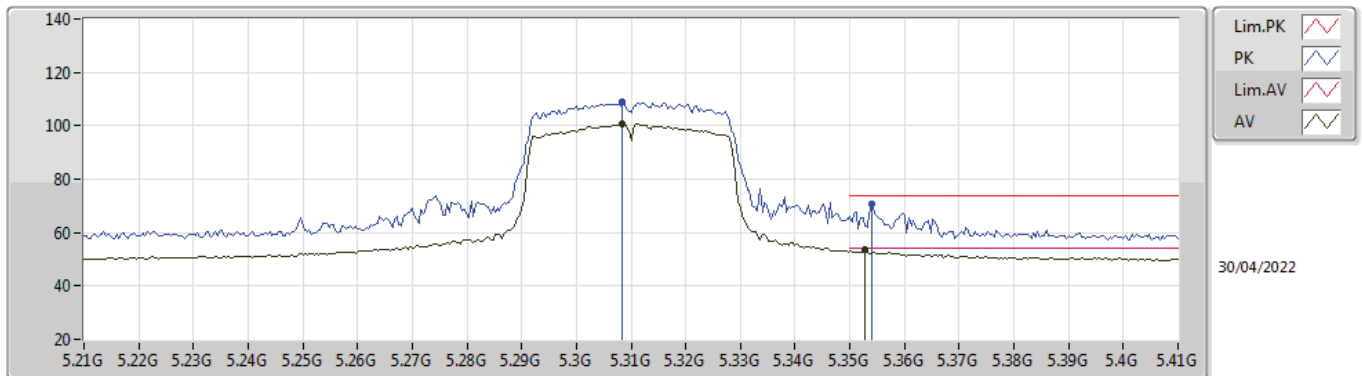
### 5310MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.3084G | 96.69    | Inf      | -Inf   | 5.11   | 3    | Vertical  | 249     | 2.65   | -       | 91.58  | 32.87 | 7.01 | 34.77 |
| AV   | 5.3508G | 50.07    | 54.00    | -3.93  | 4.99   | 3    | Vertical  | 249     | 2.65   | -       | 45.08  | 32.70 | 7.06 | 34.77 |
| PK   | 5.3064G | 105.38   | Inf      | -Inf   | 5.11   | 3    | Vertical  | 249     | 2.65   | -       | 100.27 | 32.87 | 7.01 | 34.77 |
| PK   | 5.3564G | 64.10    | 74.00    | -9.90  | 5.04   | 3    | Vertical  | 249     | 2.65   | -       | 59.06  | 32.74 | 7.07 | 34.77 |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

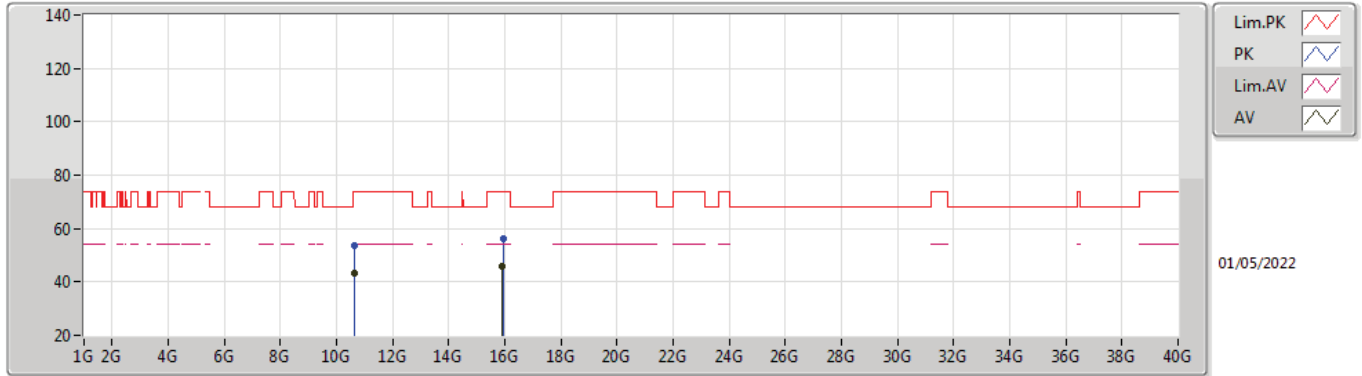
### 5310MHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.3084G | 100.56   | Inf      | -Inf   | 5.11   | 3    | Horizontal | 329     | 2.67   | -       | 95.45  | 32.87 | 7.01 | 34.77 |
| AV   | 5.3528G | 53.52    | 54.00    | -0.48  | 5.02   | 3    | Horizontal | 329     | 2.67   | -       | 48.50  | 32.72 | 7.07 | 34.77 |
| PK   | 5.3084G | 108.80   | Inf      | -Inf   | 5.11   | 3    | Horizontal | 329     | 2.67   | -       | 103.69 | 32.87 | 7.01 | 34.77 |
| PK   | 5.354G  | 70.48    | 74.00    | -3.52  | 5.02   | 3    | Horizontal | 329     | 2.67   | -       | 65.46  | 32.72 | 7.07 | 34.77 |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

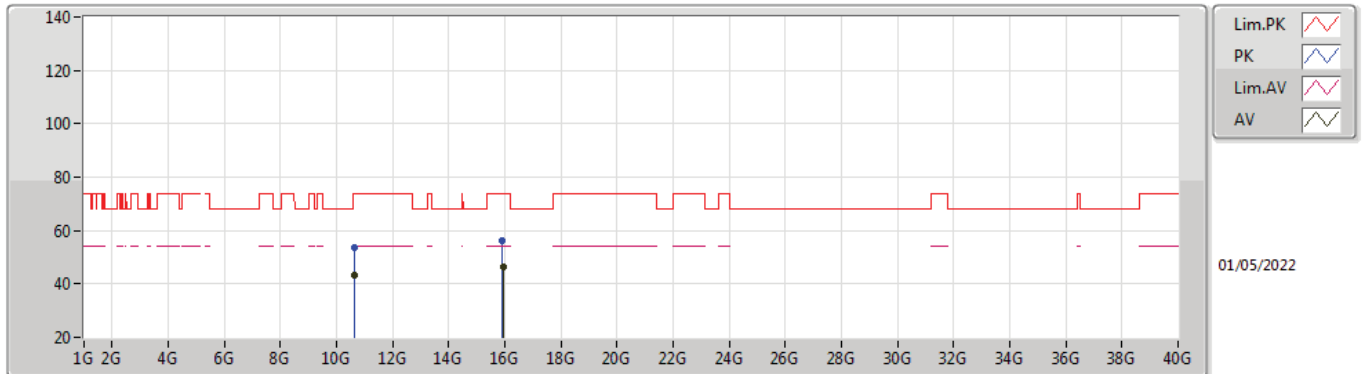
### 5310MHz\_TnomVnom



| 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   | 10.61818G    | 43.19             | 54.00             | -10.81         | 13.15          | 3           | Vertical  | 106            | 1.72          | -       | 30.04         | 38.94      | 9.07       | 34.86      |
| AV   | 15.92572G    | 45.90             | 54.00             | -8.10          | 14.94          | 3           | Vertical  | 164            | 1.48          | -       | 30.96         | 37.60      | 12.49      | 35.15      |
| PK   | 10.62152G    | 53.71             | 74.00             | -20.29         | 13.16          | 3           | Vertical  | 106            | 1.72          | -       | 40.55         | 38.94      | 9.08       | 34.86      |
| PK   | 15.93086G    | 56.38             | 74.00             | -17.62         | 14.94          | 3           | Vertical  | 164            | 1.48          | -       | 41.44         | 37.60      | 12.49      | 35.15      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

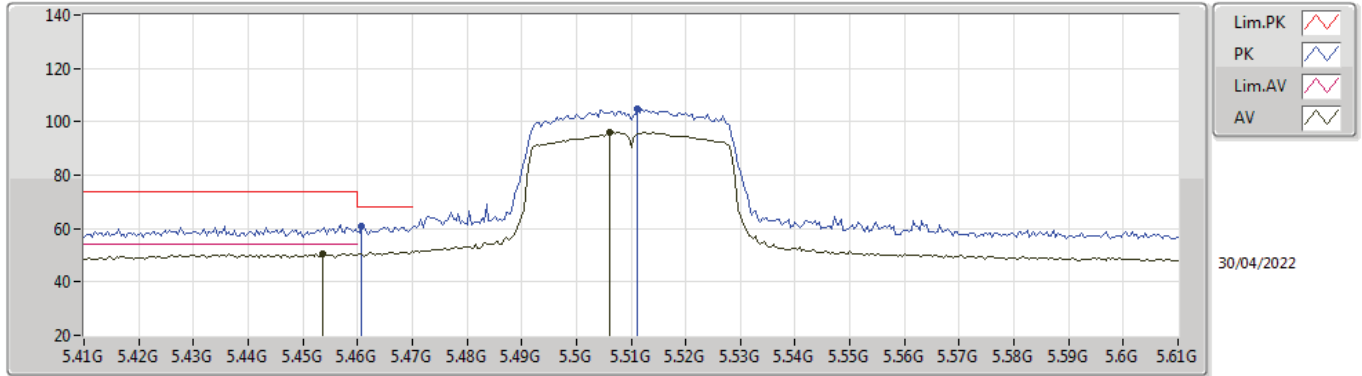
### 5310MHz\_TnomVnom



| 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   | 10.61898G    | 43.49             | 54.00             | -10.51         | 13.15          | 3           | Horizontal | 172            | 1.10          | -       | 30.34         | 38.94      | 9.07       | 34.86      |
| AV   | 15.93352G    | 46.18             | 54.00             | -7.82          | 14.94          | 3           | Horizontal | 322            | 1.21          | -       | 31.24         | 37.60      | 12.49      | 35.15      |
| PK   | 10.62366G    | 53.53             | 74.00             | -20.47         | 13.17          | 3           | Horizontal | 172            | 1.10          | -       | 40.36         | 38.95      | 9.08       | 34.86      |
| PK   | 15.92558G    | 55.98             | 74.00             | -18.02         | 14.94          | 3           | Horizontal | 322            | 1.21          | -       | 41.04         | 37.60      | 12.49      | 35.15      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

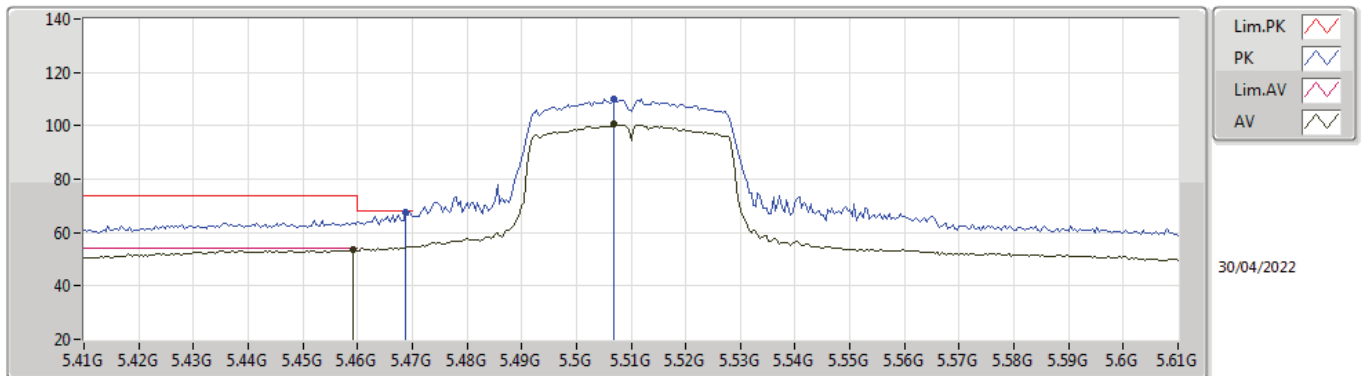
### 5510MHz\_TnomVnom



| 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   | 5.4536G      | 50.46             | 54.00             | -3.54          | 5.13           | 3           | Vertical  | 289            | 2.06          | -       | 45.33         | 32.81      | 7.09       | 34.77      |
| AV   | 5.506G       | 96.06             | Inf               | -Inf           | 5.19           | 3           | Vertical  | 289            | 2.06          | -       | 90.87         | 32.91      | 7.05       | 34.77      |
| PK   | 5.4608G      | 60.77             | 68.20             | -7.43          | 5.13           | 3           | Vertical  | 289            | 2.06          | -       | 55.64         | 32.82      | 7.08       | 34.77      |
| PK   | 5.5112G      | 105.07            | Inf               | -Inf           | 5.20           | 3           | Vertical  | 289            | 2.06          | -       | 99.87         | 32.92      | 7.05       | 34.77      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

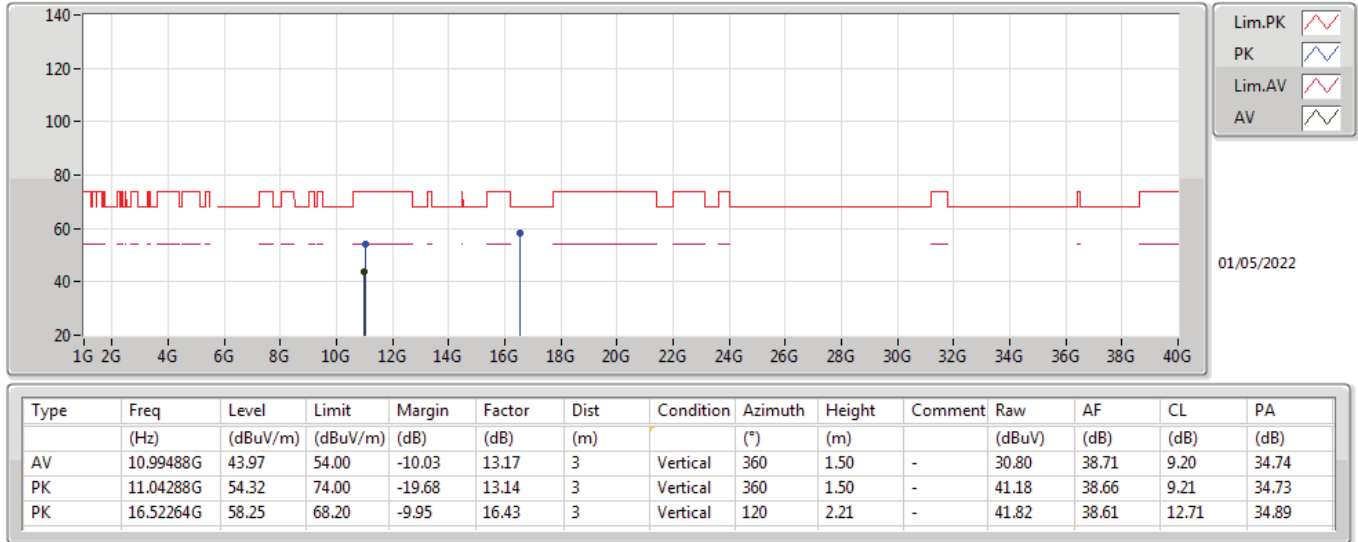
### 5510MHz\_TnomVnom



| 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   | 5.4592G      | 53.40             | 54.00             | -0.60          | 5.13           | 3           | Horizontal | 327            | 2.50          | -       | 48.27         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5068G      | 100.54            | Inf               | -Inf           | 5.19           | 3           | Horizontal | 327            | 2.50          | -       | 95.35         | 32.91      | 7.05       | 34.77      |
| PK   | 5.4688G      | 67.52             | 68.20             | -0.68          | 5.15           | 3           | Horizontal | 327            | 2.50          | -       | 62.37         | 32.84      | 7.08       | 34.77      |
| PK   | 5.5068G      | 110.23            | Inf               | -Inf           | 5.19           | 3           | Horizontal | 327            | 2.50          | -       | 105.04        | 32.91      | 7.05       | 34.77      |

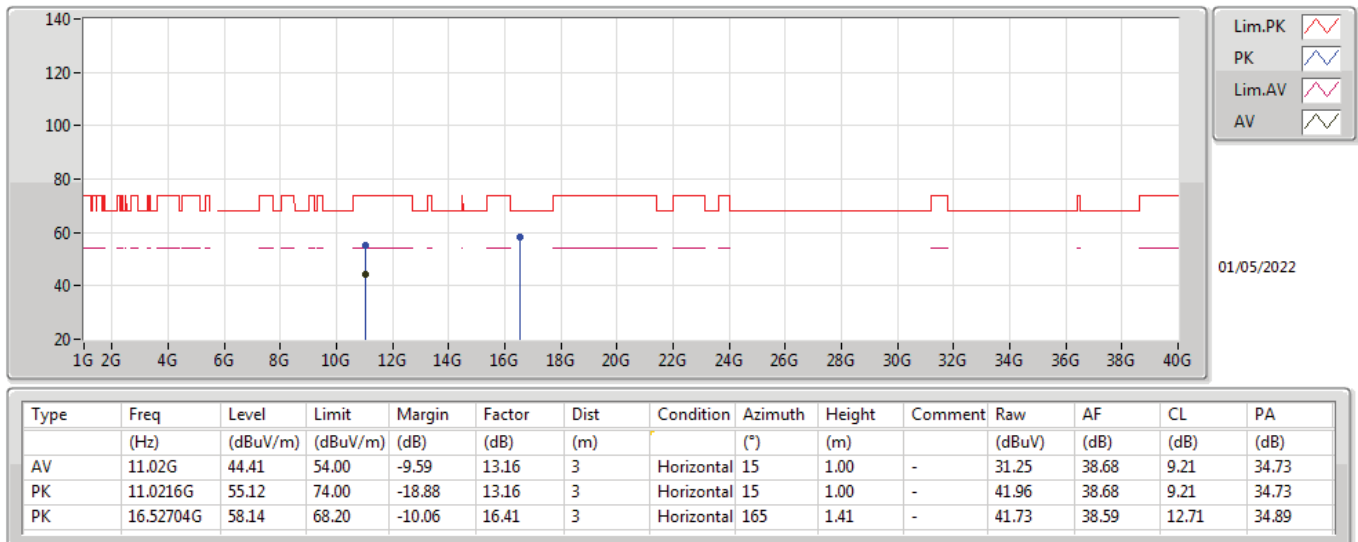
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### 5510MHz\_TnomVnom



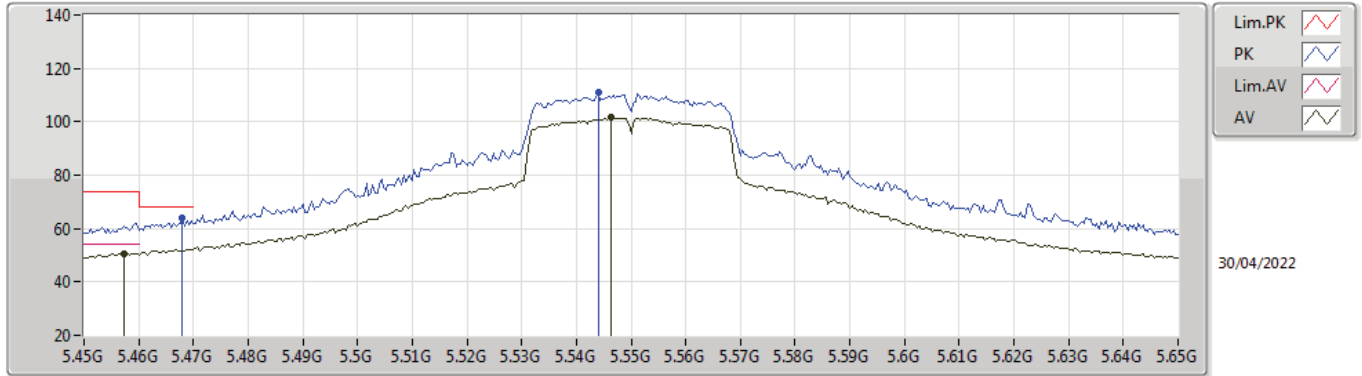
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### 5510MHz\_TnomVnom



## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

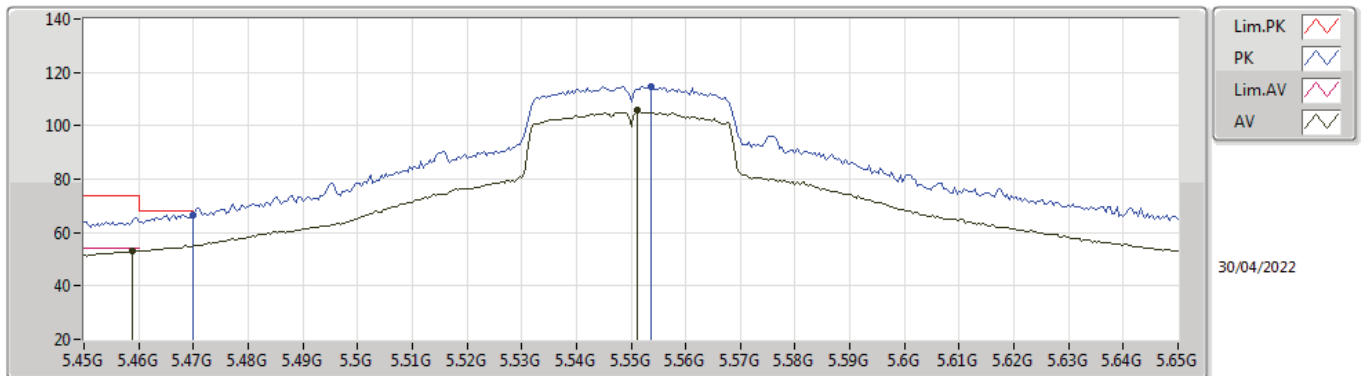
### 5550MHz\_TnomVnom



| 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   | 5.4572G      | 50.72             | 54.00             | -3.28          | 5.12           | 3           | Vertical  | 288            | 2.05          | -       | 45.60         | 32.81      | 7.08       | 34.77      |
| AV   | 5.5464G      | 101.78            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 288            | 2.05          | -       | 96.54         | 32.99      | 7.02       | 34.77      |
| PK   | 5.468G       | 64.06             | 68.20             | -4.14          | 5.15           | 3           | Vertical  | 288            | 2.05          | -       | 58.91         | 32.84      | 7.08       | 34.77      |
| PK   | 5.544G       | 110.89            | Inf               | -Inf           | 5.25           | 3           | Vertical  | 288            | 2.05          | -       | 105.64        | 32.99      | 7.03       | 34.77      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

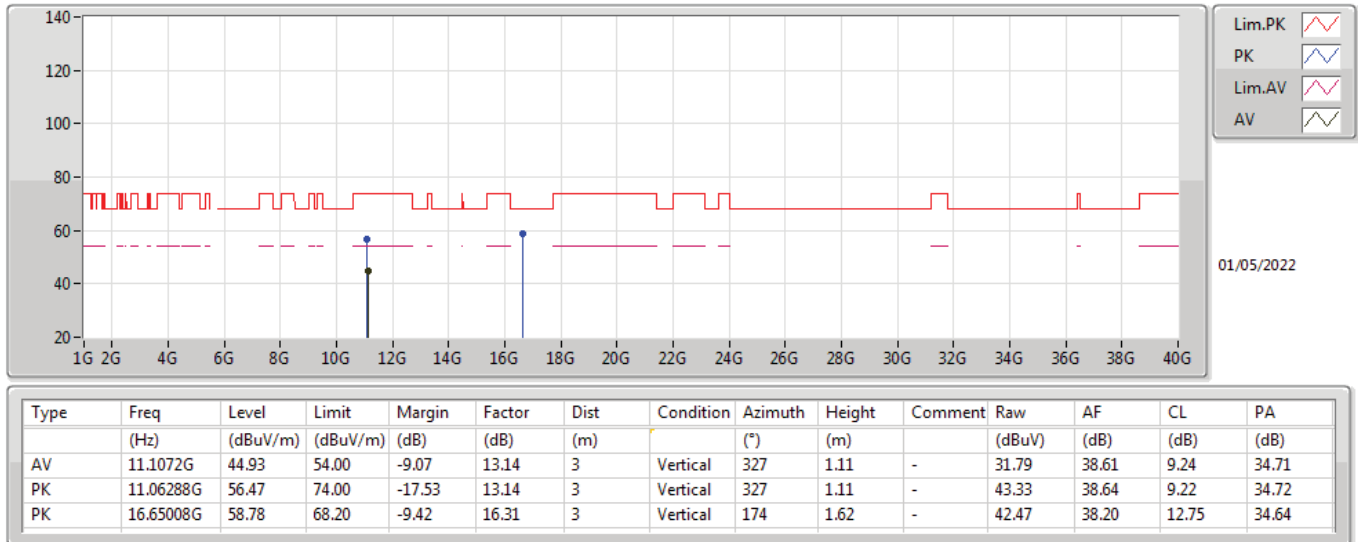
### 5550MHz\_TnomVnom



| 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   | 5.4588G      | 53.04             | 54.00             | -0.96          | 5.13           | 3           | Horizontal | 198            | 1.00          | -       | 47.91         | 32.82      | 7.08       | 34.77      |
| AV   | 5.5512G      | 105.63            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 198            | 1.00          | -       | 100.38        | 33.00      | 7.02       | 34.77      |
| PK   | 5.47G        | 66.62             | 68.20             | -1.58          | 5.14           | 3           | Horizontal | 198            | 1.00          | -       | 61.48         | 32.84      | 7.07       | 34.77      |
| PK   | 5.5536G      | 114.68            | Inf               | -Inf           | 5.25           | 3           | Horizontal | 198            | 1.00          | -       | 109.43        | 33.00      | 7.02       | 34.77      |

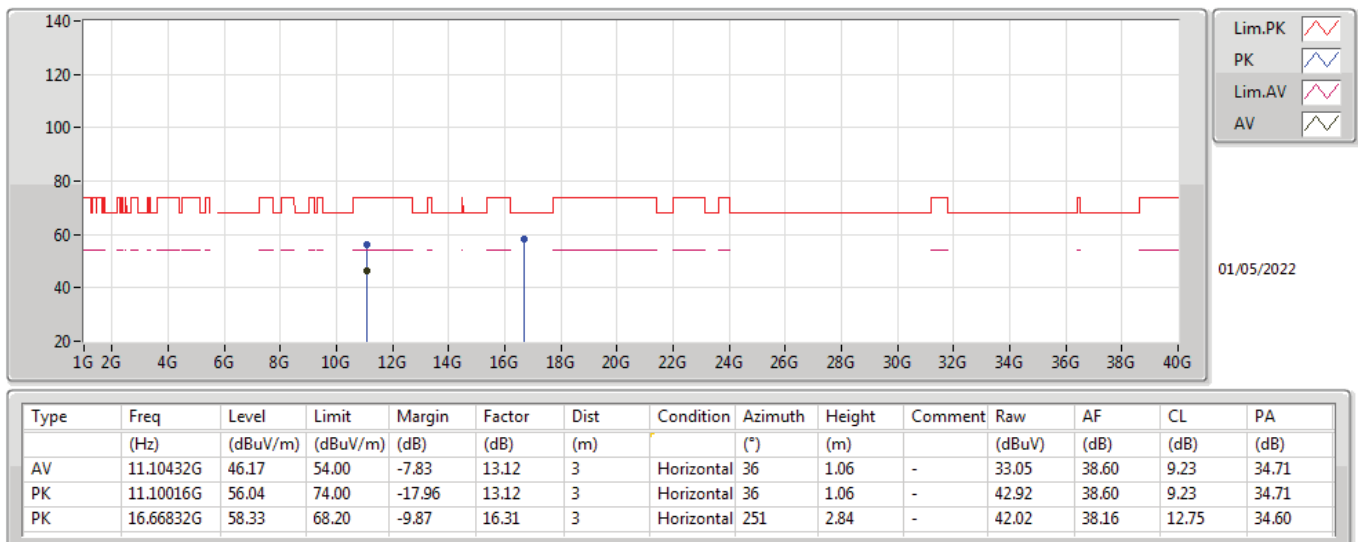
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### 5550MHz\_TnomVnom



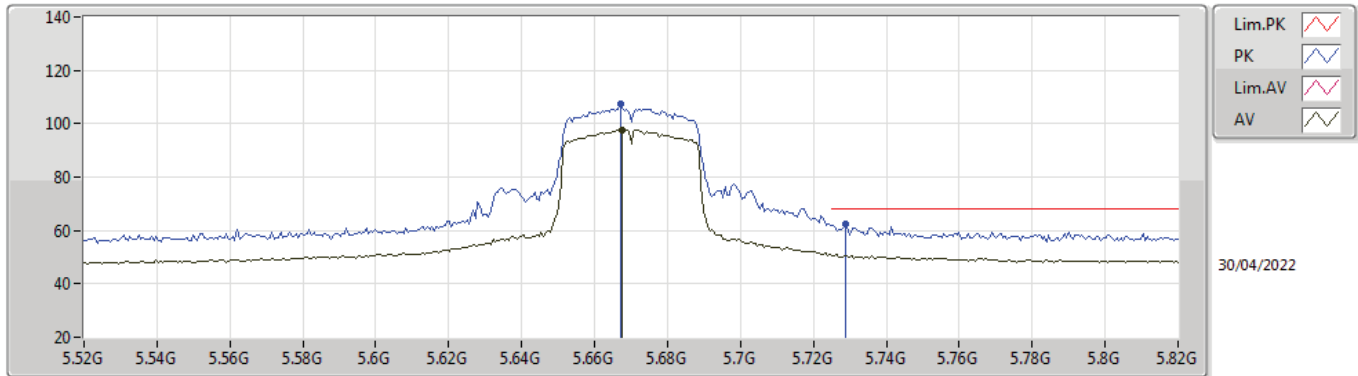
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

### 5550MHz\_TnomVnom



## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

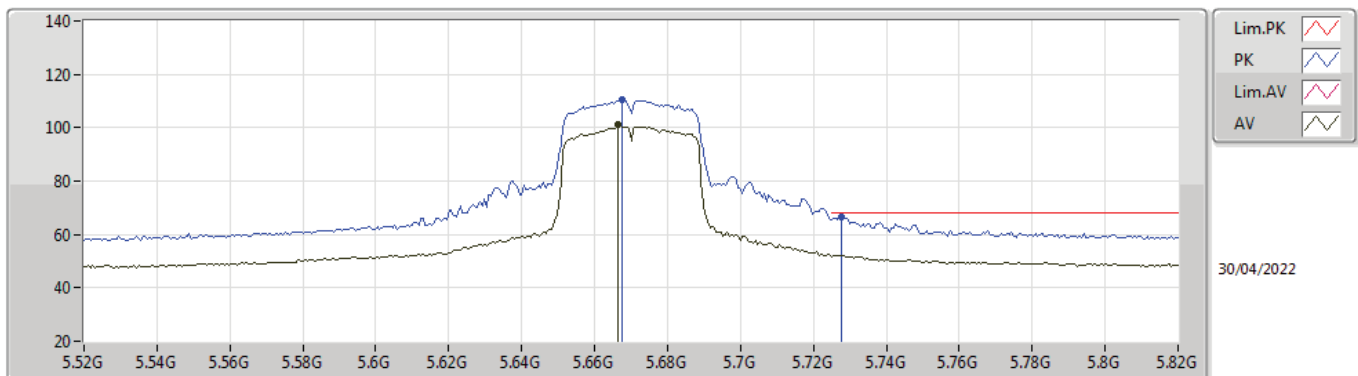
### 5670MHz\_TnomVnom



| 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   | 5.6676G      | 97.76             | Inf               | -Inf           | 5.33           | 3           | Vertical  | 289            | 2.08          | -       | 92.43         | 33.14      | 6.96       | 34.77      |
| PK   | 5.667G       | 107.30            | Inf               | -Inf           | 5.33           | 3           | Vertical  | 289            | 2.08          | -       | 101.97        | 33.14      | 6.96       | 34.77      |
| PK   | 5.7288G      | 62.61             | 68.20             | -5.59          | 5.69           | 3           | Vertical  | 289            | 2.08          | -       | 56.92         | 33.52      | 6.94       | 34.77      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

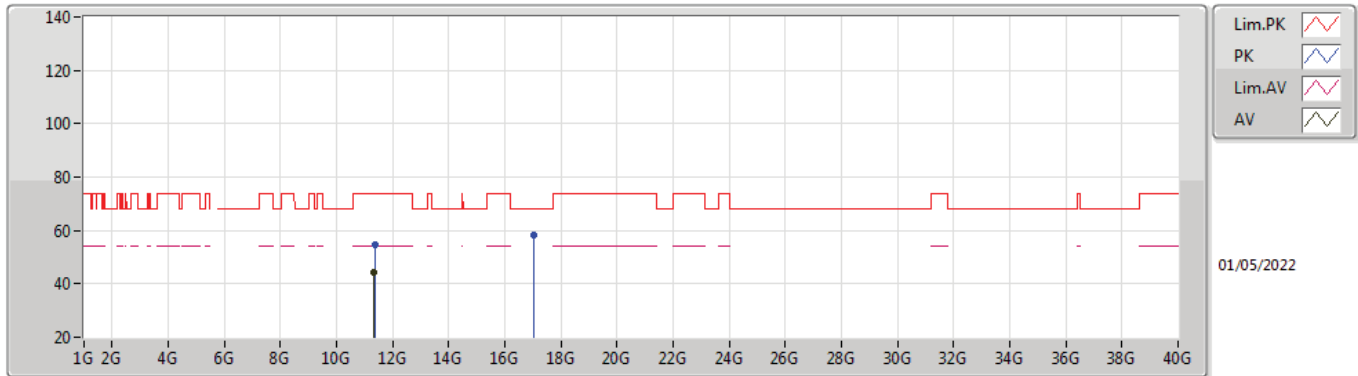
### 5670MHz\_TnomVnom



| 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   | 5.6664G      | 101.07            | Inf               | -Inf           | 5.32           | 3           | Horizontal | 342            | 1.07          | -       | 95.75         | 33.13      | 6.96       | 34.77      |
| PK   | 5.6676G      | 110.57            | Inf               | -Inf           | 5.33           | 3           | Horizontal | 342            | 1.07          | -       | 105.24        | 33.14      | 6.96       | 34.77      |
| PK   | 5.7276G      | 66.65             | 68.20             | -1.55          | 5.68           | 3           | Horizontal | 342            | 1.07          | -       | 60.97         | 33.51      | 6.94       | 34.77      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

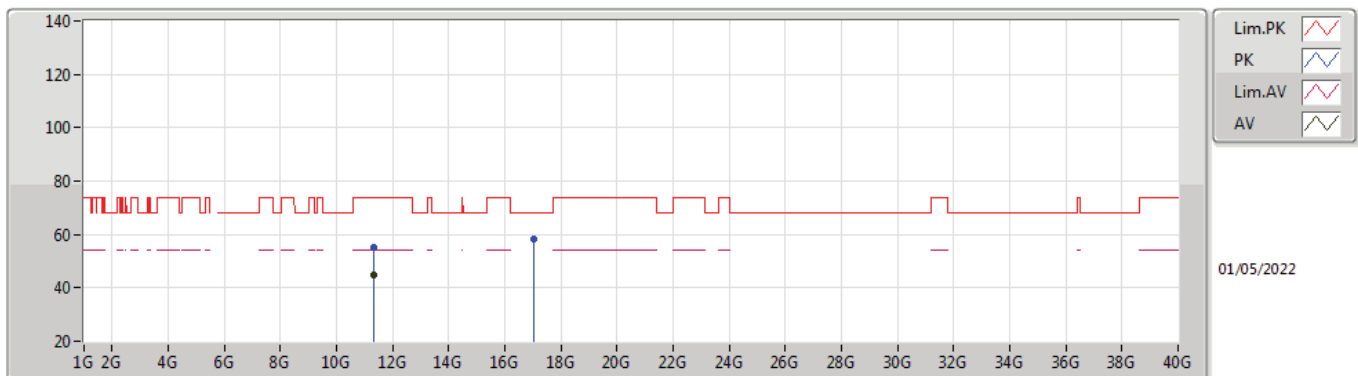
### 5670MHz\_TnomVnom



| 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   | 11.34112G    | 44.43             | 54.00             | -9.57          | 13.56          | 3           | Vertical  | 325            | 1.00          | -       | 30.87         | 38.90      | 9.31       | 34.65      |
| PK   | 11.368G      | 54.57             | 74.00             | -19.43         | 13.58          | 3           | Vertical  | 325            | 1.00          | -       | 40.99         | 38.90      | 9.32       | 34.64      |
| PK   | 17.01956G    | 58.52             | 68.20             | -9.68          | 16.89          | 3           | Vertical  | 66             | 2.79          | -       | 41.63         | 38.00      | 12.86      | 33.97      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

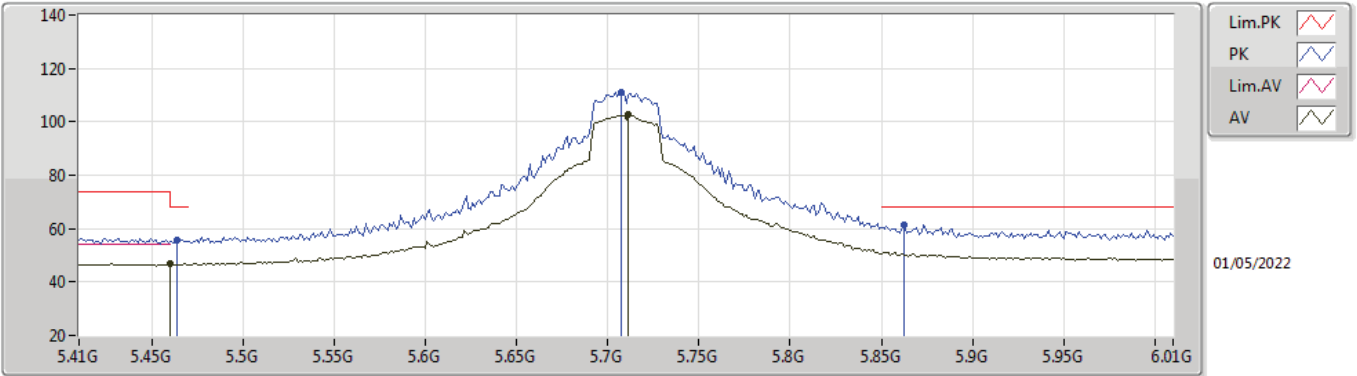
### 5670MHz\_TnomVnom



| 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   | 11.34384G    | 44.94             | 54.00             | -9.06          | 13.56          | 3           | Horizontal | 34             | 1.00          | -       | 31.38         | 38.90      | 9.31       | 34.65      |
| PK   | 11.32976G    | 55.20             | 74.00             | -18.80         | 13.56          | 3           | Horizontal | 34             | 1.00          | -       | 41.64         | 38.90      | 9.31       | 34.65      |
| PK   | 17.01076G    | 58.08             | 68.20             | -10.12         | 16.90          | 3           | Horizontal | 246            | 2.31          | -       | 41.18         | 38.00      | 12.85      | 33.95      |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

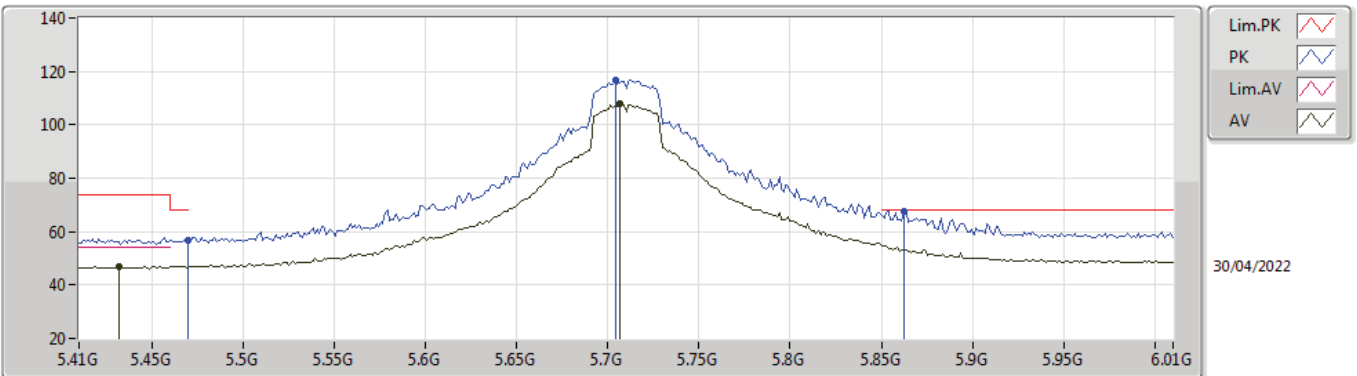
### 5710MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.46G   | 46.93    | 54.00    | -7.07  | 5.13   | 3    | Vertical  | 293     | 2.18   | -       | 41.80  | 32.82 | 7.08 | 34.77 |
| AV   | 5.7112G | 102.56   | Inf      | -Inf   | 5.62   | 3    | Vertical  | 293     | 2.18   | -       | 96.94  | 33.44 | 6.95 | 34.77 |
| PK   | 5.464G  | 55.79    | 68.20    | -12.41 | 5.14   | 3    | Vertical  | 293     | 2.18   | -       | 50.65  | 32.83 | 7.08 | 34.77 |
| PK   | 5.7076G | 111.07   | Inf      | -Inf   | 5.61   | 3    | Vertical  | 293     | 2.18   | -       | 105.46 | 33.43 | 6.95 | 34.77 |
| PK   | 5.8624G | 61.56    | 68.20    | -6.64  | 6.56   | 3    | Vertical  | 293     | 2.18   | -       | 55.00  | 34.15 | 7.18 | 34.77 |

## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

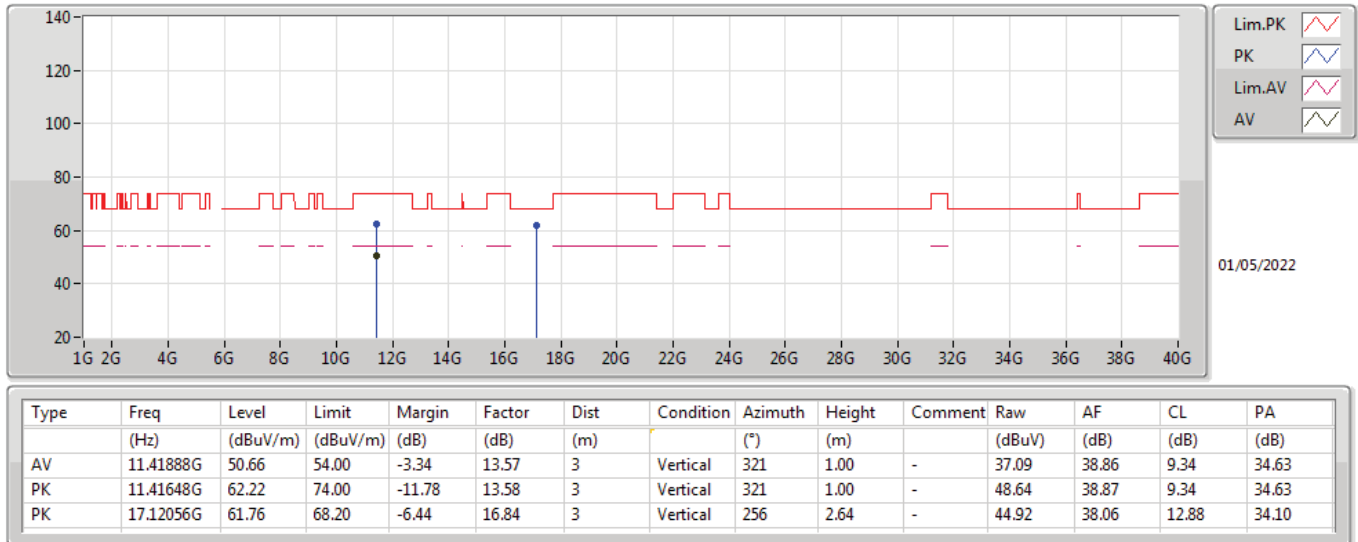
### 5710MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4316G | 46.92    | 54.00    | -7.08  | 5.20   | 3    | Horizontal | 340     | 2.60   | -       | 41.72  | 32.87 | 7.10 | 34.77 |
| AV   | 5.7064G | 107.85   | Inf      | -Inf   | 5.61   | 3    | Horizontal | 340     | 2.60   | -       | 102.24 | 33.43 | 6.95 | 34.77 |
| PK   | 5.47G   | 56.85    | 68.20    | -11.35 | 5.14   | 3    | Horizontal | 340     | 2.60   | -       | 51.71  | 32.84 | 7.07 | 34.77 |
| PK   | 5.704G  | 116.72   | Inf      | -Inf   | 5.60   | 3    | Horizontal | 340     | 2.60   | -       | 111.12 | 33.42 | 6.95 | 34.77 |
| PK   | 5.8624G | 67.81    | 68.20    | -0.39  | 6.56   | 3    | Horizontal | 340     | 2.60   | -       | 61.25  | 34.15 | 7.18 | 34.77 |

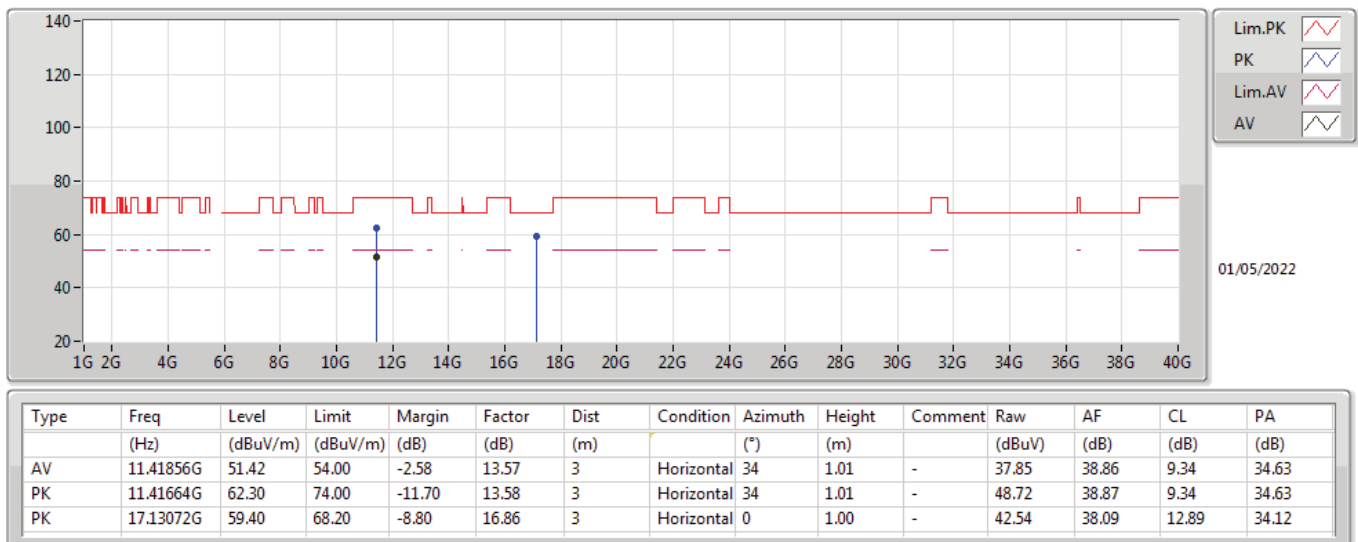
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

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



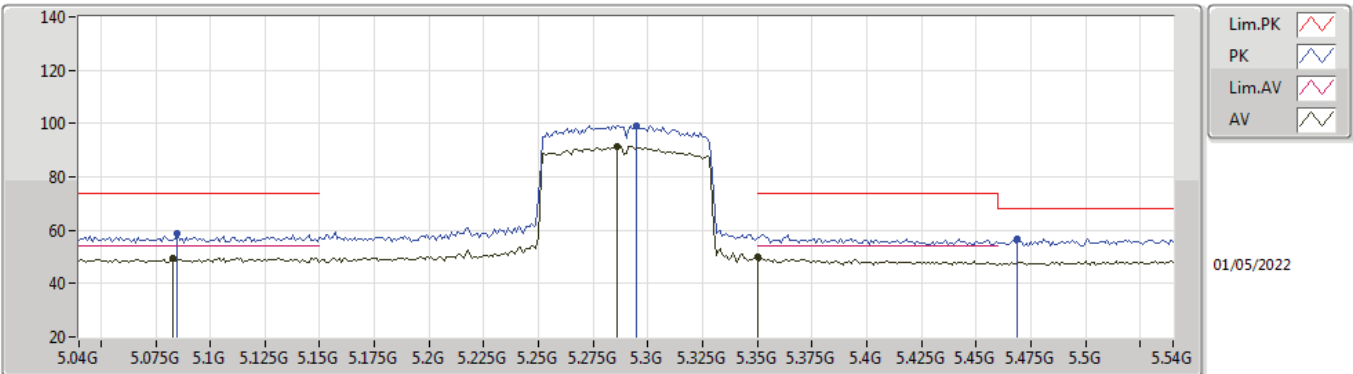
## 802.11ac VHT40\_Nss2,(MCS0)\_2TX

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



## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

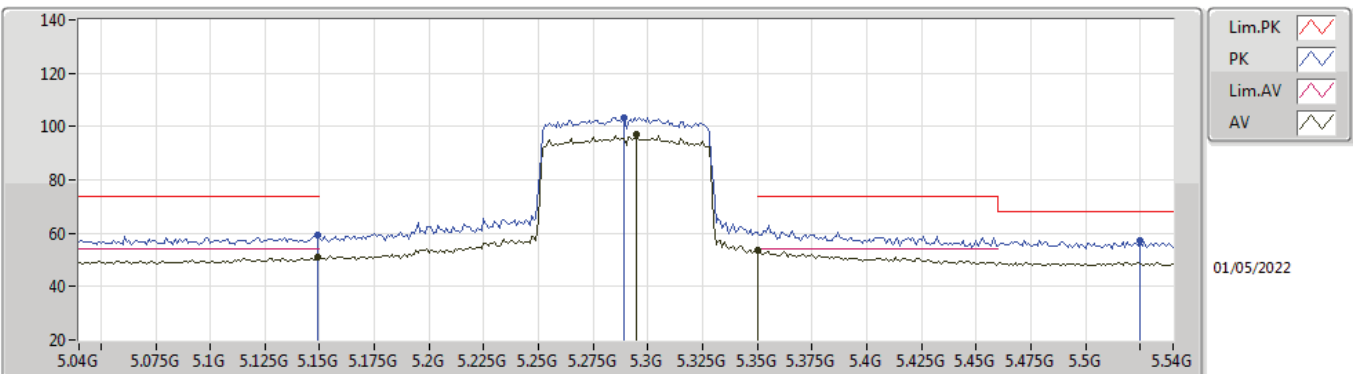
### 5290MHz\_TnomVnom



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.083G | 49.56    | 54.00    | -4.44  | 5.11   | 3    | Vertical  | 280     | 2.01   | -       | 44.45  | 33.03 | 6.84 | 34.76 |
| AV   | 5.286G | 91.59    | Inf      | -Inf   | 5.18   | 3    | Vertical  | 280     | 2.01   | -       | 86.41  | 32.96 | 6.99 | 34.77 |
| AV   | 5.35G  | 50.07    | 54.00    | -3.93  | 4.99   | 3    | Vertical  | 280     | 2.01   | -       | 45.08  | 32.70 | 7.06 | 34.77 |
| PK   | 5.085G | 59.01    | 74.00    | -14.99 | 5.11   | 3    | Vertical  | 280     | 2.01   | -       | 53.90  | 33.03 | 6.84 | 34.76 |
| PK   | 5.295G | 99.31    | Inf      | -Inf   | 5.15   | 3    | Vertical  | 280     | 2.01   | -       | 94.16  | 32.92 | 7.00 | 34.77 |
| PK   | 5.469G | 56.66    | 68.20    | -11.54 | 5.15   | 3    | Vertical  | 280     | 2.01   | -       | 51.51  | 32.84 | 7.08 | 34.77 |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

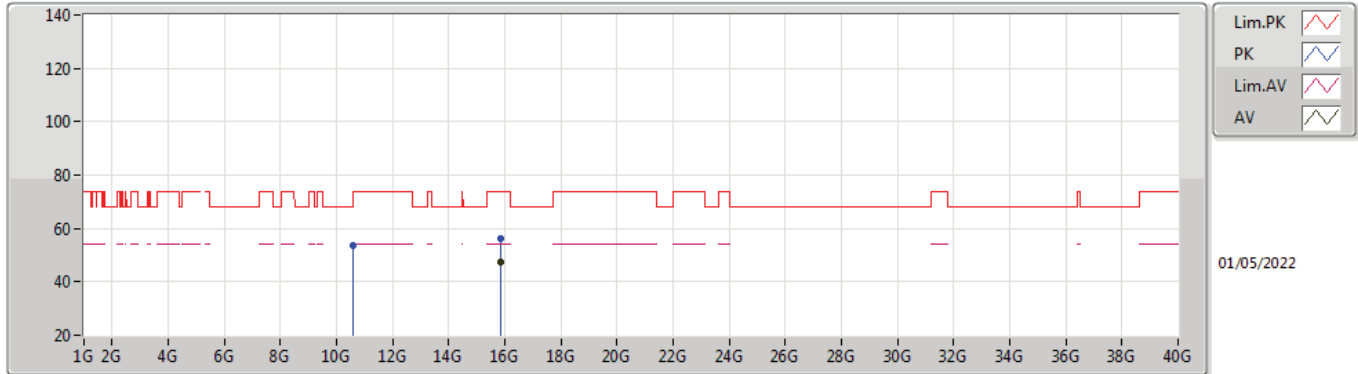
### 5290MHz\_TnomVnom



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.149G | 50.83    | 54.00    | -3.17  | 5.21   | 3    | Horizontal | 270     | 1.01   | -       | 45.62  | 33.10 | 6.87 | 34.76 |
| AV   | 5.295G | 97.26    | Inf      | -Inf   | 5.15   | 3    | Horizontal | 270     | 1.01   | -       | 92.11  | 32.92 | 7.00 | 34.77 |
| AV   | 5.35G  | 53.81    | 54.00    | -0.19  | 4.99   | 3    | Horizontal | 270     | 1.01   | -       | 48.82  | 32.70 | 7.06 | 34.77 |
| PK   | 5.149G | 59.44    | 74.00    | -14.56 | 5.21   | 3    | Horizontal | 270     | 1.01   | -       | 54.23  | 33.10 | 6.87 | 34.76 |
| PK   | 5.289G | 103.44   | Inf      | -Inf   | 5.16   | 3    | Horizontal | 270     | 1.01   | -       | 98.28  | 32.94 | 6.99 | 34.77 |
| PK   | 5.525G | 57.33    | 68.20    | -10.87 | 5.22   | 3    | Horizontal | 270     | 1.01   | -       | 52.11  | 32.95 | 7.04 | 34.77 |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

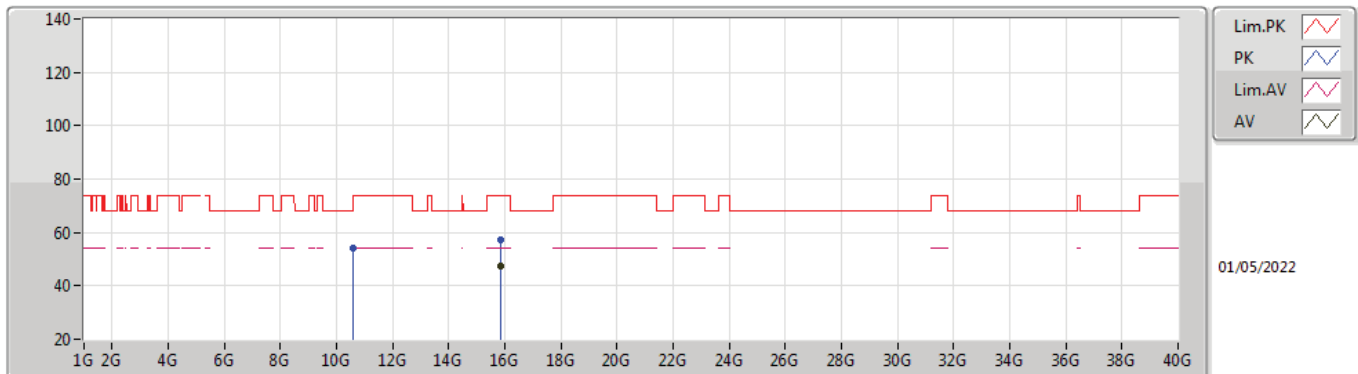
### 5290MHz\_TnomVnom



| 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   | 15.86638G    | 47.56             | 54.00             | -6.44          | 15.05          | 3           | Vertical  | 27             | 2.71          | -       | 32.51         | 37.73      | 12.43      | 35.11      |
| PK   | 10.57728G    | 53.49             | 68.20             | -14.71         | 13.01          | 3           | Vertical  | 247            | 1.59          | -       | 40.48         | 38.83      | 9.06       | 34.88      |
| PK   | 15.86564G    | 56.06             | 74.00             | -17.94         | 15.06          | 3           | Vertical  | 27             | 2.71          | -       | 41.00         | 37.74      | 12.43      | 35.11      |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

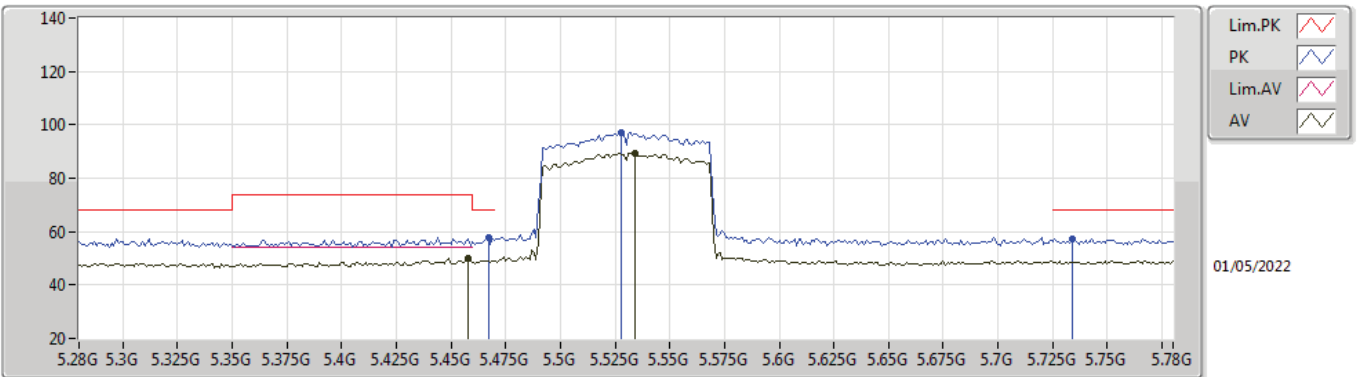
### 5290MHz\_TnomVnom



| 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   | 15.87146G    | 47.55             | 54.00             | -6.45          | 15.02          | 3           | Horizontal | 310            | 1.40          | -       | 32.53         | 37.71      | 12.43      | 35.12      |
| PK   | 10.58318G    | 53.90             | 68.20             | -14.30         | 13.04          | 3           | Horizontal | 61             | 2.95          | -       | 40.86         | 38.85      | 9.06       | 34.87      |
| PK   | 15.87026G    | 57.01             | 74.00             | -16.99         | 15.04          | 3           | Horizontal | 310            | 1.40          | -       | 41.97         | 37.72      | 12.43      | 35.11      |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

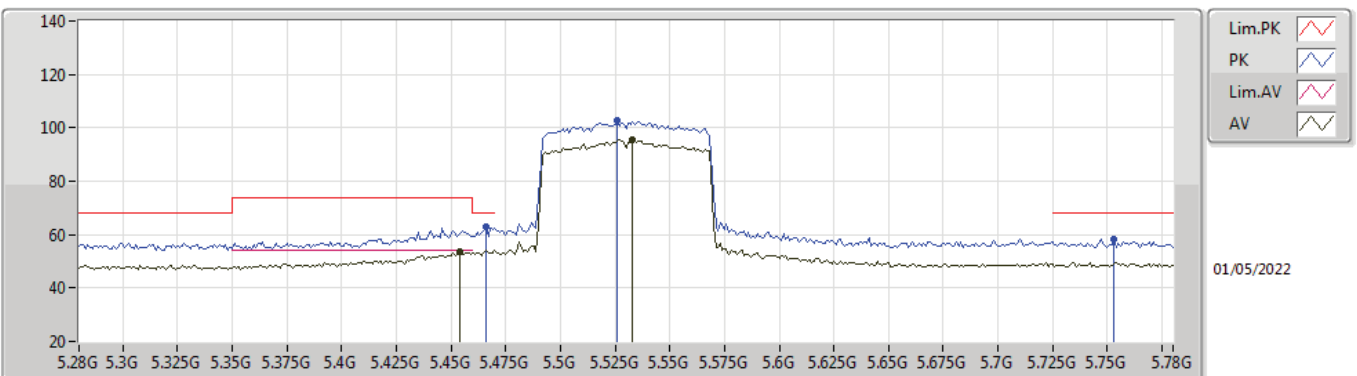
### 5530MHz\_TnomVnom



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.458G | 49.88    | 54.00    | -4.12  | 5.13   | 3    | Vertical  | 280     | 1.81   | -       | 44.75  | 32.82 | 7.08 | 34.77 |
| AV   | 5.534G | 89.46    | Inf      | -Inf   | 5.23   | 3    | Vertical  | 280     | 1.81   | -       | 84.23  | 32.97 | 7.03 | 34.77 |
| PK   | 5.467G | 57.61    | 68.20    | -10.59 | 5.14   | 3    | Vertical  | 280     | 1.81   | -       | 52.47  | 32.83 | 7.08 | 34.77 |
| PK   | 5.528G | 97.10    | Inf      | -Inf   | 5.23   | 3    | Vertical  | 280     | 1.81   | -       | 91.87  | 32.96 | 7.04 | 34.77 |
| PK   | 5.734G | 57.44    | 68.20    | -10.76 | 5.71   | 3    | Vertical  | 280     | 1.81   | -       | 51.73  | 33.54 | 6.94 | 34.77 |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

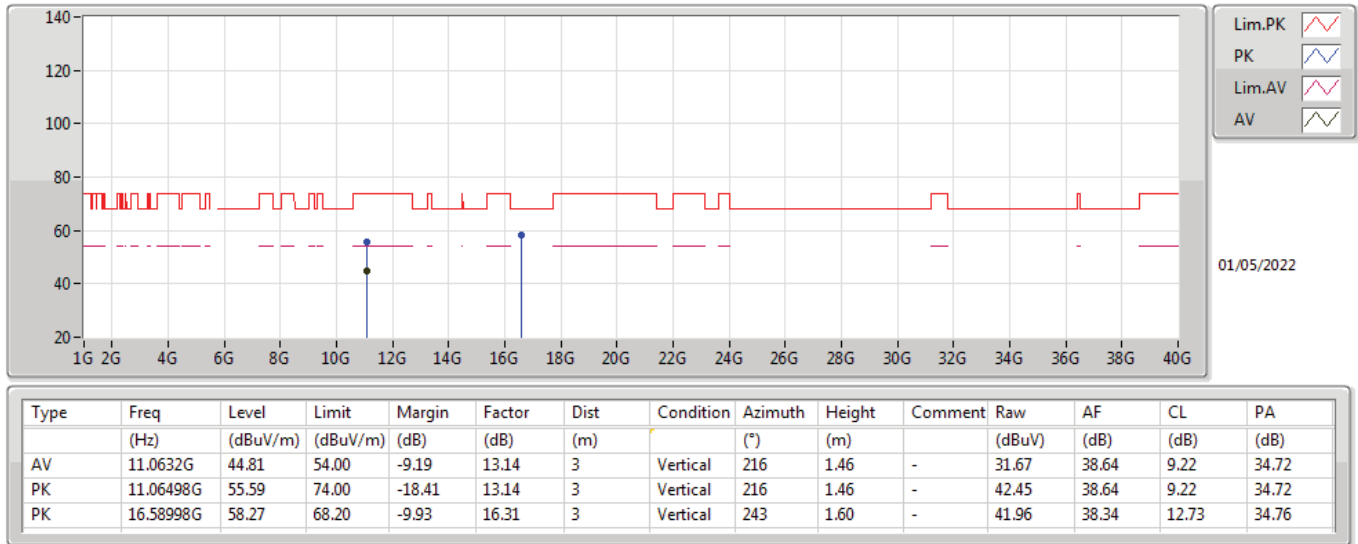
### 5530MHz\_TnomVnom



| Type | Freq   | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|--------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)   | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.454G | 53.79    | 54.00    | -0.21  | 5.12   | 3    | Horizontal | 268     | 1.00   | -       | 48.67  | 32.81 | 7.08 | 34.77 |
| AV   | 5.533G | 95.60    | Inf      | -Inf   | 5.23   | 3    | Horizontal | 268     | 1.00   | -       | 90.37  | 32.97 | 7.03 | 34.77 |
| PK   | 5.466G | 63.01    | 68.20    | -5.19  | 5.14   | 3    | Horizontal | 268     | 1.00   | -       | 57.87  | 32.83 | 7.08 | 34.77 |
| PK   | 5.526G | 102.90   | Inf      | -Inf   | 5.22   | 3    | Horizontal | 268     | 1.00   | -       | 97.68  | 32.95 | 7.04 | 34.77 |
| PK   | 5.753G | 58.52    | 68.20    | -9.68  | 5.78   | 3    | Horizontal | 268     | 1.00   | -       | 52.74  | 33.62 | 6.93 | 34.77 |

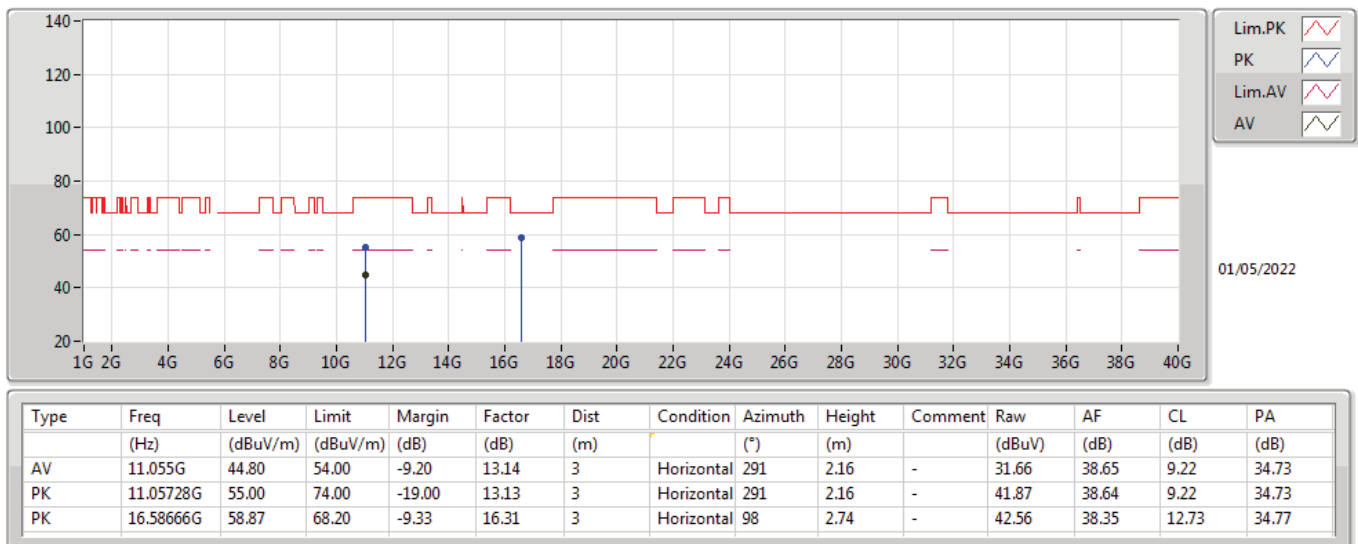
## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### 5530MHz\_TnomVnom



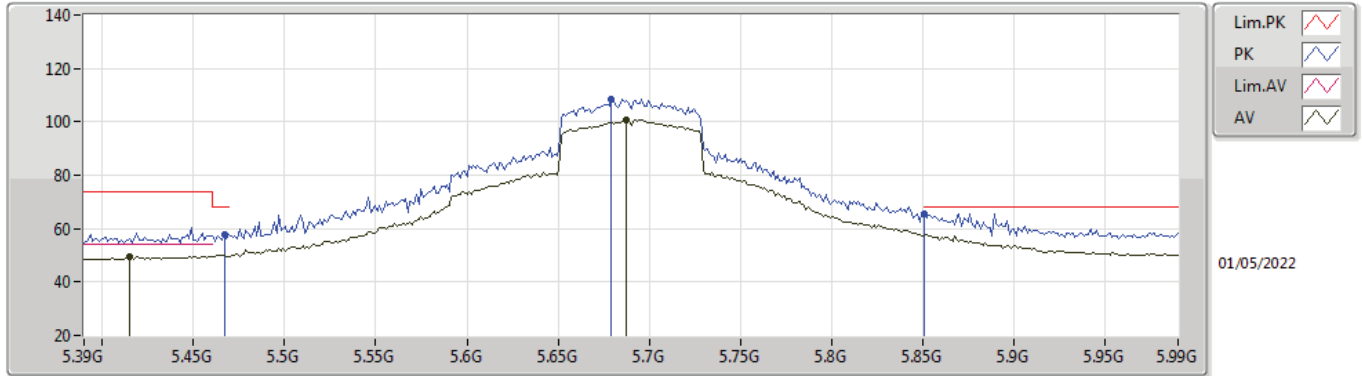
## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

### 5530MHz\_TnomVnom



## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

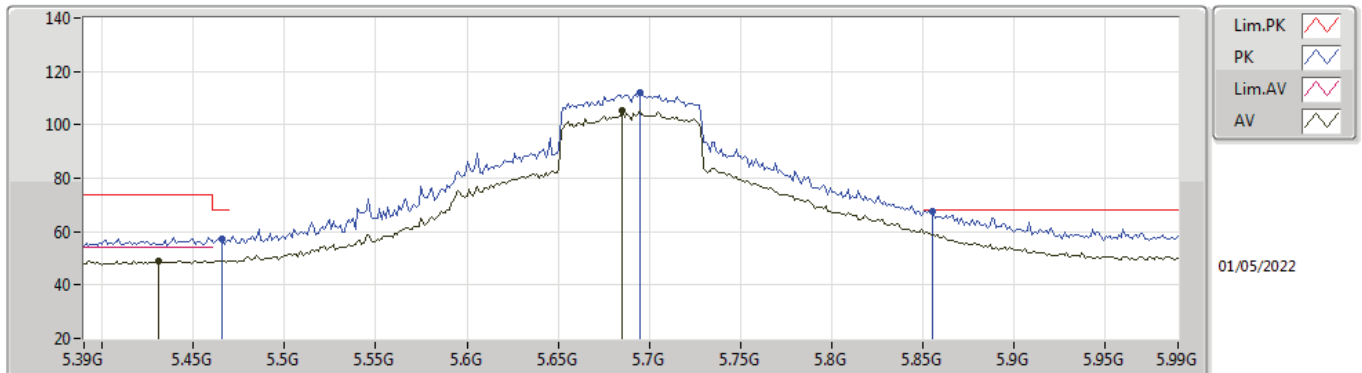
### 5690MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4152G | 49.62    | 54.00    | -4.38  | 5.28   | 3    | Vertical  | 285     | 1.93   | -       | 44.34  | 32.94 | 7.11 | 34.77 |
| AV   | 5.6876G | 100.54   | Inf      | -Inf   | 5.48   | 3    | Vertical  | 285     | 1.93   | -       | 95.06  | 33.30 | 6.95 | 34.77 |
| PK   | 5.4668G | 57.85    | 68.20    | -10.35 | 5.14   | 3    | Vertical  | 285     | 1.93   | -       | 52.71  | 32.83 | 7.08 | 34.77 |
| PK   | 5.6792G | 108.32   | Inf      | -Inf   | 5.42   | 3    | Vertical  | 285     | 1.93   | -       | 102.90 | 33.23 | 6.96 | 34.77 |
| PK   | 5.8508G | 65.77    | 68.20    | -2.43  | 6.46   | 3    | Vertical  | 285     | 1.93   | -       | 59.31  | 34.10 | 7.13 | 34.77 |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

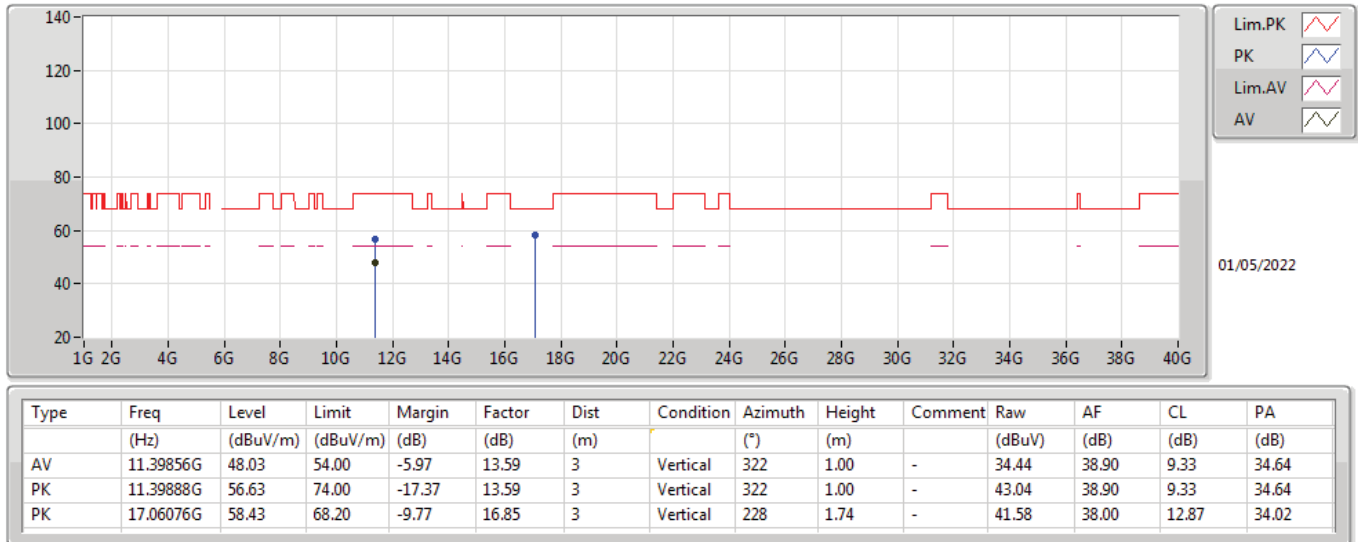
### 5690MHz Straddle 5.47-5.725GHz\_TnomVnom



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.4308G | 49.17    | 54.00    | -4.83  | 5.21   | 3    | Horizontal | 338     | 1.01   | -       | 43.96  | 32.88 | 7.10 | 34.77 |
| AV   | 5.6852G | 105.40   | Inf      | -Inf   | 5.47   | 3    | Horizontal | 338     | 1.01   | -       | 99.93  | 33.28 | 6.96 | 34.77 |
| PK   | 5.4656G | 57.30    | 68.20    | -10.90 | 5.14   | 3    | Horizontal | 338     | 1.01   | -       | 52.16  | 32.83 | 7.08 | 34.77 |
| PK   | 5.6948G | 112.24   | Inf      | -Inf   | 5.54   | 3    | Horizontal | 338     | 1.01   | -       | 106.70 | 33.36 | 6.95 | 34.77 |
| PK   | 5.8556G | 67.72    | 68.20    | -0.48  | 6.50   | 3    | Horizontal | 338     | 1.01   | -       | 61.22  | 34.12 | 7.15 | 34.77 |

## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

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



## 802.11ac VHT80\_Nss2,(MCS0)\_2TX

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

