

# FCC Test Report

Equipment : NanoStation AC  
Brand Name : UBIQUITI  
Model No. : NS-5AC  
FCC ID : SWX-NS5AC  
Standard : 47 CFR FCC Part 15.407  
Operating Band : 5250 MHz – 5350 MHz  
5470 MHz – 5725 MHz  
Applicant / Manufacturer : Ubiquiti Networks, Inc.  
685 Third Avenue, 27th Floor New York, New York 10017  
USA  
Function : ☒ Outdoor; ☐ Indoor; ☐ Fixed P2P  
☐ Client  
TPC Function : TPC

The product sample received on Nov. 03, 2017 and completely tested on Nov. 15, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

  
Phoenix Chen  
SPORTON INTERNATIONAL INC.





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**APPENDIX A. TEST RESULTS OF EMISSION BANDWIDTH**

**APPENDIX B. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER**

**APPENDIX C. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY**

**APPENDIX D. TEST RESULTS OF UNWANTED EMISSIONS**

**APPENDIX E. TEST PHOTOS**

**PHOTOGRAPHS OF EUT V01**



## **Summary of Test Result**

| <b>Conformance Test Specifications</b> |                         |                                |               |
|----------------------------------------|-------------------------|--------------------------------|---------------|
| <b>Report Clause</b>                   | <b>Ref. Std. Clause</b> | <b>Description</b>             | <b>Result</b> |
| 1.1.2                                  | 15.203                  | Antenna Requirement            | Complied      |
| 3.1                                    | 15.407(a)               | Emission Bandwidth             | Complied      |
| 3.2                                    | 15.407(a)               | Maximum Conducted Output Power | Complied      |
| 3.3                                    | 15.407(a)               | Peak Power Spectral Density    | Complied      |
| 3.4                                    | 15.407(b)               | Unwanted Emissions             | Complied      |

## Revision History

[illegible]

# 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             | ac (VHT10)           | 5255-5340           | 51-68 [18]     |
| 5470-5725             |                      | 5480-5715           | 96-143 [48]    |
| 5250-5350             | n (HT20), ac (VHT20) | 5260-5335           | 52-67 [16]     |
| 5470-5725             |                      | 5485-5710           | 97-142 [46]    |
| 5250-5350             | ac (VHT30)           | 5265-5330           | 53-66 [14]     |
| 5470-5725             |                      | 5490-5705           | 98-141 [44]    |
| 5250-5350             | n (HT40), ac (VHT40) | 5270-5325           | 54-65 [12]     |
| 5470-5725             |                      | 5495-5700           | 99-140 [42]    |
| 5250-5350             | ac (VHT50)           | 5275-5320           | 55-64 [10]     |
| 5470-5725             |                      | 5500-5695           | 100-139 [40]   |
| 5250-5350             | ac (VHT60)           | 5280-5315           | 56-63 [8]      |
| 5470-5725             |                      | 5505-5690           | 101-138 [38]   |
| 5250-5350             | ac (VHT80)           | 5290-5305           | 58-61 [4]      |
| 5470-5725             |                      | 5515-5685           | 103-137 [35]   |

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.25-5.35GHz  | 802.11ac VHT10 | 10         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT20 | 20         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT30 | 30         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT40 | 40         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT50 | 50         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT60 | 60         | 2TX  |
| 5.25-5.35GHz  | 802.11ac VHT80 | 80         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT10 | 10         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT20 | 20         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT30 | 30         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT40 | 40         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT50 | 50         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT60 | 60         | 2TX  |
| 5.47-5.725GHz | 802.11ac VHT80 | 80         | 2TX  |



## Note:

- HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT10, VHT20, VHT30, VHT40, VHT50, VHT60, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

## 1.1.2 Antenna Information

| Ant. | Port | Brand | Model Name | Antenna Type     | Connector | Gain (dBi) |
|------|------|-------|------------|------------------|-----------|------------|
| 1    | 1    | -     | -          | internal antenna | Murata    | 16         |
| 2    | 2    | -     | -          | internal antenna | Murata    | 16         |

Note: 1: 802.11n/ac used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

## 1.1.3 EUT Information

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

## 1.1.4 Mode Test Duty Cycle

| Mode           | DC    | DCF(dB) | T(s)     | VBW(Hz) ≥ 1/T |
|----------------|-------|---------|----------|---------------|
| 802.11ac VHT10 | 0.974 | 0.114   | 2.521m   | 1k            |
| 802.11ac VHT20 | 0.957 | 0.191   | 1.261m   | 1k            |
| 802.11ac VHT30 | 0.937 | 0.283   | 867.5u   | 3k            |
| 802.11ac VHT40 | 0.917 | 0.376   | 629.375u | 3k            |
| 802.11ac VHT50 | 0.901 | 0.453   | 512.5u   | 3k            |
| 802.11ac VHT60 | 0.889 | 0.511   | 432.5u   | 3k            |
| 802.11ac VHT80 | 0.851 | 0.701   | 317.5u   | 10k           |

## 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 v01r04
- ♦ KDB 644545 D03 v01
- ♦ KDB 662911 D01 v02r01

## 1.3 Testing Location Information

| Testing Location                           |        |                                                                              |                      |
|--------------------------------------------|--------|------------------------------------------------------------------------------|----------------------|
| <input checked="" type="checkbox"/>        | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)    |                      |
|                                            |        | TEL : 886-3-327-3456                                                         | FAX : 886-3-327-0973 |
| Test site Designation No. TW1190 with FCC. |        |                                                                              |                      |
| <input type="checkbox"/>                   | JHUBEI | ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.) |                      |
|                                            |        | TEL : 886-3-656-9065                                                         | FAX : 886-3-656-9085 |
| Test site Designation No. TW0006 with FCC. |        |                                                                              |                      |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date   |
|----------------|---------------|---------------|------------------|-------------|
| RF Conducted   | TH01-HY       | Gary          | 23.5°C / 65%     | 15/Nov/2017 |
| Radiated       | 03CH02-HY     | Andy          | 23.5°C / 58%     | 15/Nov/2017 |

## 1.4 Measurement Uncertainty

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

| Test Items                           | Uncertainty | Remark                   |
|--------------------------------------|-------------|--------------------------|
| Conducted Emission (150kHz ~ 30MHz)  | 3.2 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 3.6 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 2.6 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 2.9 dB      | Confidence levels of 95% |
| Conducted Emission                   | 1.3 dB      | Confidence levels of 95% |

## 2 Test Configuration of EUT

### 2.1 Test Condition

| Condition Item  | Abbreviation/Remark | Remark |
|-----------------|---------------------|--------|
| RF Conducted    | Abbreviation        | Remark |
| TnomVnom        | Tnom                | 20°C   |
|                 | Vnom                | 120V   |
| Freq. Stability | Abbreviation        | Remark |
| -40°C           |                     |        |
| -30°C           |                     |        |
| -20°C           |                     |        |
| -10°C           |                     |        |
| 0°C             |                     |        |
| 10°C            |                     |        |
| 20°C            |                     |        |
| 30°C            |                     |        |
| 40°C            |                     |        |
| 50°C            |                     |        |
| 60°C            |                     |        |
| 70°C            |                     |        |
| 138V            |                     |        |
| 120V            |                     |        |
| 102V            |                     |        |



## **2.2 Test Channel Mode**

|               |     |
|---------------|-----|
| Test Software | Dos |
|---------------|-----|

## 2.3 The Worst Case Measurement Configuration

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

| The Worst Case Mode for Following Conformance Tests |                                                                                                                                                                                                                                                     |                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Emissions in Restricted Frequency Bands                                                                                                                                                                                                             |                                                                                       |
| <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                                                   | PoE Mode                                                                                                                                                                                                                                            |                                                                                       |
| <b>Operating Mode &gt; 1GHz</b>                     | CTX                                                                                                                                                                                                                                                 |                                                                                       |
| <b>Orthogonal Planes of EUT</b>                     | <b>X Plane</b>                                                                                                                                                                                                                                      | <b>Y Plane</b>                                                                        |
|                                                     |                                                                                                                                                                  |  |
| <b>Worst Planes of EUT</b>                          | V                                                                                                                                                                                                                                                   |                                                                                       |

## 2.4 Accessories

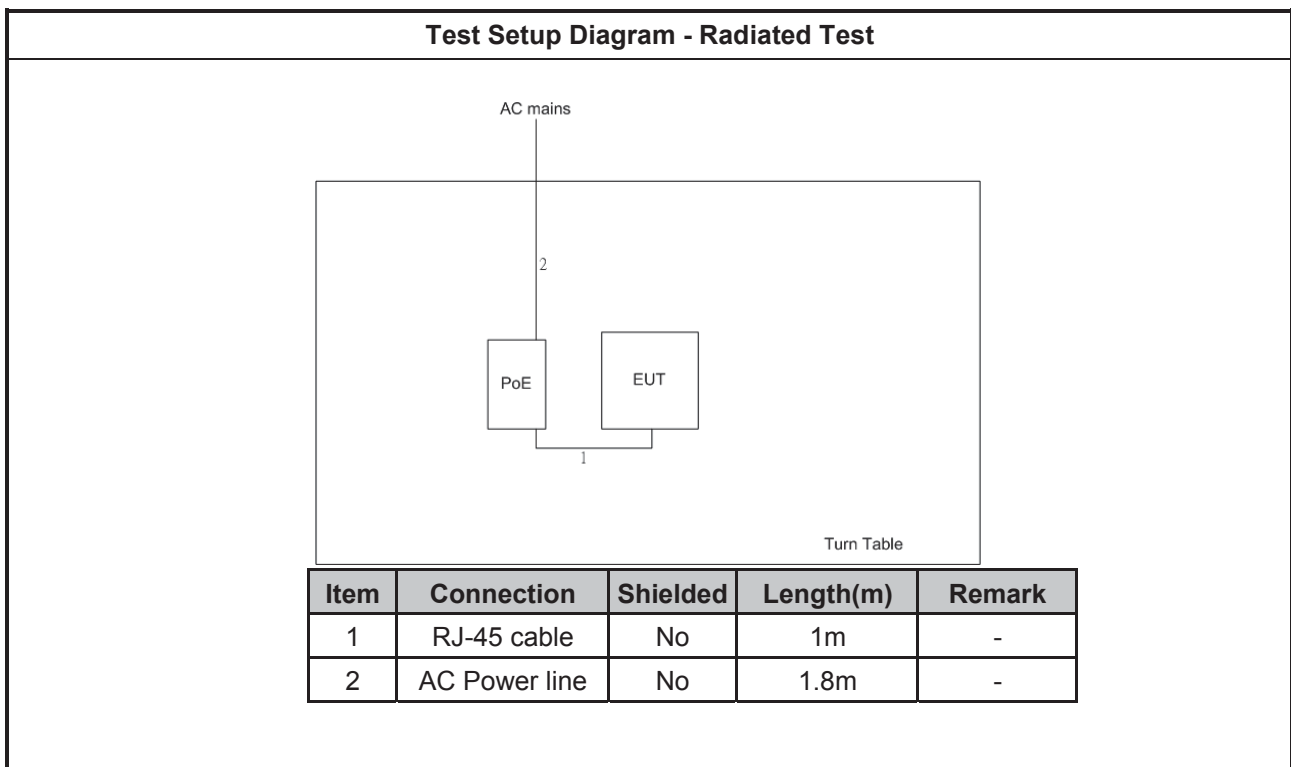
| Accessories |              |                                              |            |              |
|-------------|--------------|----------------------------------------------|------------|--------------|
| PoE Adapter | Brand Name   | UBIQUITI                                     | Model Name | GP-A240-050G |
|             | Power Rating | I/P: 100 - 240Vac, 0.3 A, O/P: 24 Vdc, 0.5 A |            |              |

Note: Regarding to more detail and other information, please refer to user manual.

## 2.5 Support Equipment

| Support Equipment - RF Conducted |                |            |            |        |
|----------------------------------|----------------|------------|------------|--------|
| No.                              | Equipment      | Brand Name | Model Name | FCC ID |
| 1                                | Notebook       | DELL       | E5410      | Doc    |
| 2                                | Adapter for NB | DELL       | HA65NM130  | Doc    |
| 3                                | AC Source      | G.W        | APS-9102   | Doc    |

## 2.6 Test Setup Diagram



### 3 Transmitter Test Result

#### 3.1 Emission Bandwidth

##### 3.1.1 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, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.  |
| <input checked="" type="checkbox"/> | For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. |
| <input type="checkbox"/>            | For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.                                                                                                         |

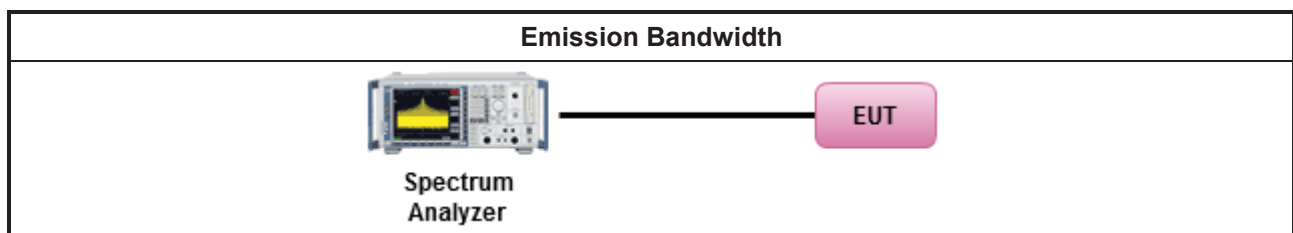
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 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 6.6 for bandwidth testing.                  |

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



## 3.2 Maximum Conducted Output Power

### 3.2.1 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><li>Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li><li>Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li><li>Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li></ul> |
| <input checked="" type="checkbox"/>                                                                                        | For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <input checked="" type="checkbox"/>                                                                                        | For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <input type="checkbox"/> For the 5.725-5.85 GHz band:                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"><li>Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li><li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| $P_{Out}$ = maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

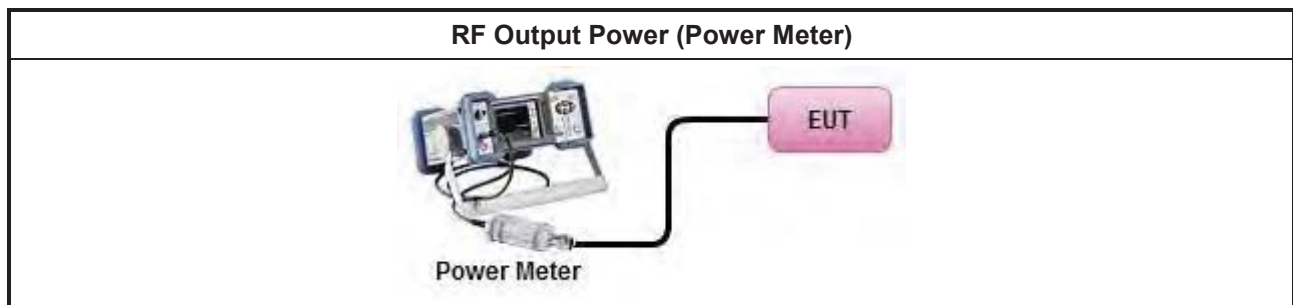
### 3.2.2 Measuring Instruments

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>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 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_{\text{total}} = P_1 + P_2 + \dots + P_n</math><br/>                     (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}</math> </li> </ul>  |

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



### 3.3 Peak Power Spectral Density

#### 3.3.1 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:                                                                                                                                                                                                                                                 |                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                      | ▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$ .          |
|                                                                                                                                                                                                                                                                                                      | ▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$ .           |
|                                                                                                                                                                                                                                                                                                      | ▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$ . |
|                                                                                                                                                                                                                                                                                                      | ▪ Mobile or Portable Client: 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 5.25-5.35 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 type="checkbox"/> For the 5.725-5.85 GHz band:                                                                                                                                                                                                                                                |                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                      | ▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) $\leq 30$ dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$ .          |
|                                                                                                                                                                                                                                                                                                      | ▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) $\leq 30$ dBm/500kHz.                                                                      |
| <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. |                                                                                                                                                                   |

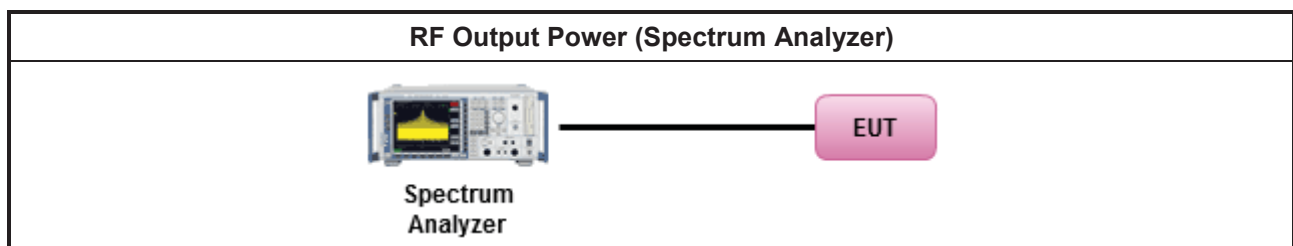
#### 3.3.2 Measuring Instruments

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>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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Duty cycle ≥ 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Duty cycle < 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <input checked="" type="checkbox"/> 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. |  |
| <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>                                                                                                                                                                                                                                                                                                                              |  |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

### 3.4 Unwanted Emissions

#### 3.4.1 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).

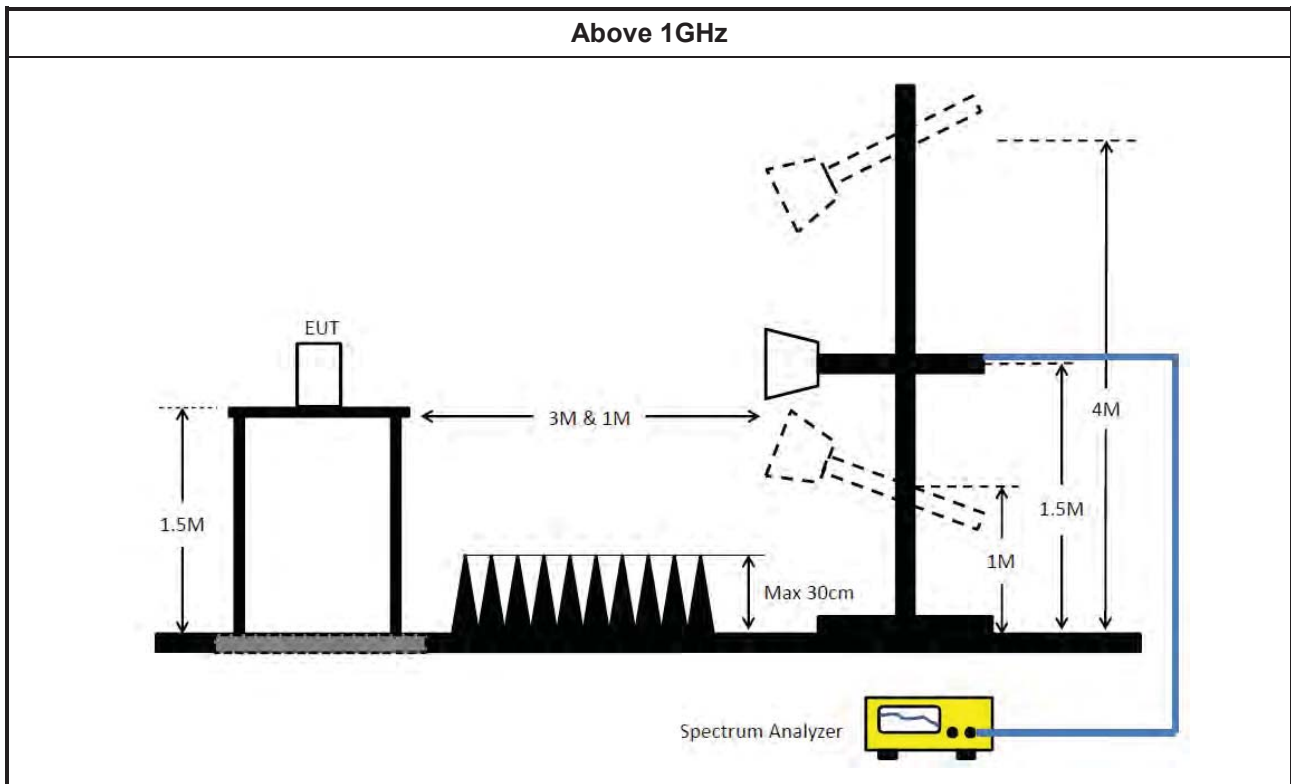
### 3.4.2 Measuring Instruments

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>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>                                                                                                                                                                                                                |                                     |                                                                                   |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <table border="1"> <tr> <td><input checked="" type="checkbox"/></td><td>Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.</td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.</td></tr> </table> | <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"/> |
| <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                   |                                     |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



## 4 Test Equipment and Calibration Data

### Instrument for Conducted Test

| Instrument                 | Manufacturer | Model No.        | Serial No.  | Spec.           | Calibration Date | Calibration Due Date |
|----------------------------|--------------|------------------|-------------|-----------------|------------------|----------------------|
| Spectrum Analyzer          | R&S          | FSV 40           | 101013      | 9kHz~40GHz      | 30/Dec/2016      | 29/Dec/2017          |
| Temp. and Humidity Chamber | Giant Force  | GTH-225-40-CP-AR | MAA1611-005 | -40 ~ 100℃      | 21/Nov/2016      | 20/Nov/2017          |
| Power Sensor               | Anritsu      | MA2411B          | 0917017     | 300MHz ~ 40GHz  | 10/Feb/2017      | 09/Feb/2018          |
| Power Meter                | Anritsu      | ML2495A          | 0949003     | 300MHz ~ 40GHz  | 10/Feb/2017      | 09/Feb/2018          |
| RF Cable-0.2m              | HUBER+SUHNER | SUCOFLEX_104     | MY10710/4   | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |
| RF Cable-0.2m              | HUBER+SUHNER | SUCOFLEX_104     | MY10709/4   | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |
| RF Cable-0.5m              | HUBER+SUHNER | SUCOFLEX_104     | MY10713/4   | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |
| Signal Generator           | R&S          | SMR40            | 100116      | 10MHz ~ 40GHz   | 27/Jul/2017      | 26/Jul/2018          |

### Instrument for Radiated Test

| Instrument        | Manufacturer   | Model No.               | Serial No.         | Spec.         | Calibration Date | Calibration Due Date |
|-------------------|----------------|-------------------------|--------------------|---------------|------------------|----------------------|
| Spectrum Analyzer | R&S            | FSP40                   | 100305             | 9KHz - 40GHz  | 30/Dec/2016      | 29/Dec/2017          |
| 3m Semi Anechoic  | SIDT FRANKONIA | SAC-3M                  | 03CH02-HY          | 30MHz-1GHz    | 20/Oct/2017      | 19/Oct/2018          |
| 3m Semi Anechoic  | SIDT FRANKONIA | SAC-3M                  | 03CH02-HY          | 1GHz ~ 18GHz  | 12/Dec/2016      | 11/Dec/2017          |
| Amplifier         | Agilent        | 8447D                   | 2944A11149         | 100KHz-1.3GHz | 29/Jun/2017      | 28/Jun/2018          |
| Amplifier         | Ketsight       | 8449B                   | 3008A02602         | 1GHz-26.5GHz  | 19/Sep/2017      | 18/Sep/2018          |
| Horn Antenna      | SCHWARZBECK    | BBHA9120D               | BBHA9120D<br>01531 | 1GHz-18GHz    | 11/May/2017      | 10/May/2018          |
| Horn Antenna      | SCHWARZBECK    | BBHA9170                | BBHA917015<br>4    | 18GHz-40GHz   | 06/Feb/2017      | 05/Feb/2018          |
| Bilog Antenna     | SCHAFFNER      | CBL6112B                | 2723               | 30MHz-1GHz    | 09/Sep/2017      | 08/Sep/2018          |
| Amplifier         | MITEQ          | JS44-18004000-3<br>3-8P | 1840917            | 18GHz-40GHz   | 06/Feb/2017      | 05/Feb/2018          |
| Loop Antenna      | TESEQ          | HLA 6120                | 31244              | 9KHz-30MHz    | 02/Mar/2017      | 01/Mar/2018          |
| RF Cable-high     | SUHNER         | SUCOFLEX104             | MY34918/4          | 1GHz ~ 40GHz  | 26/Jan/2017      | 25/Jan/2018          |
| RF Cable-R03m     | Jye Bao        | RG142                   | CB017              | 9kHz ~ 1GHz   | 26/Jan/2017      | 25/Jan/2018          |
| Receiver          | R&S            | ESU3                    | 102052             | 9kHz ~ 3.6GHz | 29/Apr/2017      | 28/Apr/2018          |

**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                   | -                | -               | -        | -                | -               |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | 14.475M          | 8.996M          | 9M00D1D  | 13.65M           | 8.946M          |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 27.15M           | 17.866M         | 17M9D1D  | 25.275M          | 17.791M         |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | 39.525M          | 25.975M         | 26M0D1D  | 37.838M          | 25.862M         |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 99.95M           | 37.131M         | 37M1D1D  | 48.55M           | 36.332M         |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | 64.563M          | 45.352M         | 45M4D1D  | 59.063M          | 44.478M         |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | 77.4M            | 54.723M         | 54M7D1D  | 70.35M           | 52.849M         |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 108M             | 79.76M          | 79M8D1D  | 98M              | 76.062M         |
| 5.47-5.725GHz                  | -                | -               | -        | -                | -               |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | 14.875M          | 8.983M          | 8M98D1D  | 14.013M          | 8.933M          |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 26.75M           | 17.841M         | 17M8D1D  | 25.525M          | 17.766M         |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | 39.338M          | 26.012M         | 26M0D1D  | 37.05M           | 25.787M         |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 53.5M            | 36.532M         | 36M5D1D  | 49.65M           | 36.332M         |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | 81.563M          | 44.728M         | 44M7D1D  | 60.125M          | 44.54M          |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | 79.725M          | 53.523M         | 53M5D1D  | 69.525M          | 52.849M         |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 108M             | 79.76M          | 79M7D1D  | 92.5M            | 75.762M         |

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

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

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

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

**Result**

| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ac VHT10_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5255MHz                        | Pass   | Inf           | 14.238M             | 8.958M             | 14.288M             | 8.971M             |
| 5300MHz                        | Pass   | Inf           | 13.65M              | 8.983M             | 14.263M             | 8.996M             |
| 5340MHz                        | Pass   | Inf           | 14.063M             | 8.958M             | 14.475M             | 8.946M             |
| 5480MHz                        | Pass   | Inf           | 14.175M             | 8.983M             | 14.7M               | 8.933M             |
| 5600MHz                        | Pass   | Inf           | 14.875M             | 8.946M             | 14.35M              | 8.971M             |
| 5715MHz                        | Pass   | Inf           | 14.4M               | 8.946M             | 14.013M             | 8.983M             |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5260MHz                        | Pass   | Inf           | 25.275M             | 17.841M            | 26.125M             | 17.791M            |
| 5300MHz                        | Pass   | Inf           | 25.475M             | 17.791M            | 26.45M              | 17.816M            |
| 5335MHz                        | Pass   | Inf           | 27.15M              | 17.841M            | 26.325M             | 17.866M            |
| 5485MHz                        | Pass   | Inf           | 25.725M             | 17.841M            | 26.75M              | 17.766M            |
| 5600MHz                        | Pass   | Inf           | 25.525M             | 17.791M            | 26.275M             | 17.766M            |
| 5710MHz                        | Pass   | Inf           | 26.2M               | 17.841M            | 26.225M             | 17.816M            |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5265MHz                        | Pass   | Inf           | 39.525M             | 25.937M            | 38.475M             | 25.862M            |
| 5300MHz                        | Pass   | Inf           | 38.738M             | 25.937M            | 37.838M             | 25.862M            |
| 5330MHz                        | Pass   | Inf           | 37.838M             | 25.937M            | 38.138M             | 25.975M            |
| 5490MHz                        | Pass   | Inf           | 39.338M             | 26.012M            | 38.138M             | 25.975M            |
| 5600MHz                        | Pass   | Inf           | 38.625M             | 25.9M              | 37.05M              | 25.787M            |
| 5705MHz                        | Pass   | Inf           | 37.988M             | 26.012M            | 39.188M             | 25.937M            |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5270MHz                        | Pass   | Inf           | 49.3M               | 36.432M            | 49.15M              | 36.332M            |
| 5300MHz                        | Pass   | Inf           | 49.45M              | 36.332M            | 48.55M              | 36.432M            |
| 5325MHz                        | Pass   | Inf           | 99.95M              | 37.131M            | 96.45M              | 36.932M            |
| 5495MHz                        | Pass   | Inf           | 52.75M              | 36.482M            | 49.65M              | 36.432M            |
| 5600MHz                        | Pass   | Inf           | 49.8M               | 36.332M            | 49.8M               | 36.332M            |
| 5700MHz                        | Pass   | Inf           | 53.5M               | 36.482M            | 50.35M              | 36.532M            |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5275MHz                        | Pass   | Inf           | 61.375M             | 44.478M            | 59.063M             | 44.54M             |
| 5300MHz                        | Pass   | Inf           | 60.438M             | 44.54M             | 60.438M             | 44.478M            |
| 5320MHz                        | Pass   | Inf           | 64.563M             | 45.352M            | 60.875M             | 45.227M            |
| 5500MHz                        | Pass   | Inf           | 66.563M             | 44.728M            | 81.563M             | 44.728M            |
| 5600MHz                        | Pass   | Inf           | 60.125M             | 44.54M             | 61.75M              | 44.54M             |
| 5695MHz                        | Pass   | Inf           | 64.938M             | 44.728M            | 60.75M              | 44.54M             |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5280MHz                        | Pass   | Inf           | 72.525M             | 52.999M            | 71.25M              | 52.849M            |
| 5300MHz                        | Pass   | Inf           | 70.35M              | 53.148M            | 72.225M             | 53.073M            |
| 5315MHz                        | Pass   | Inf           | 77.4M               | 54.723M            | 72.375M             | 53.898M            |
| 5505MHz                        | Pass   | Inf           | 72.825M             | 53.073M            | 75.6M               | 53.298M            |
| 5600MHz                        | Pass   | Inf           | 71.175M             | 52.849M            | 69.525M             | 52.849M            |
| 5690MHz                        | Pass   | Inf           | 79.725M             | 53.523M            | 76.35M              | 53.298M            |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5290MHz                        | Pass   | Inf           | 98.1M               | 76.162M            | 98M                 | 76.062M            |

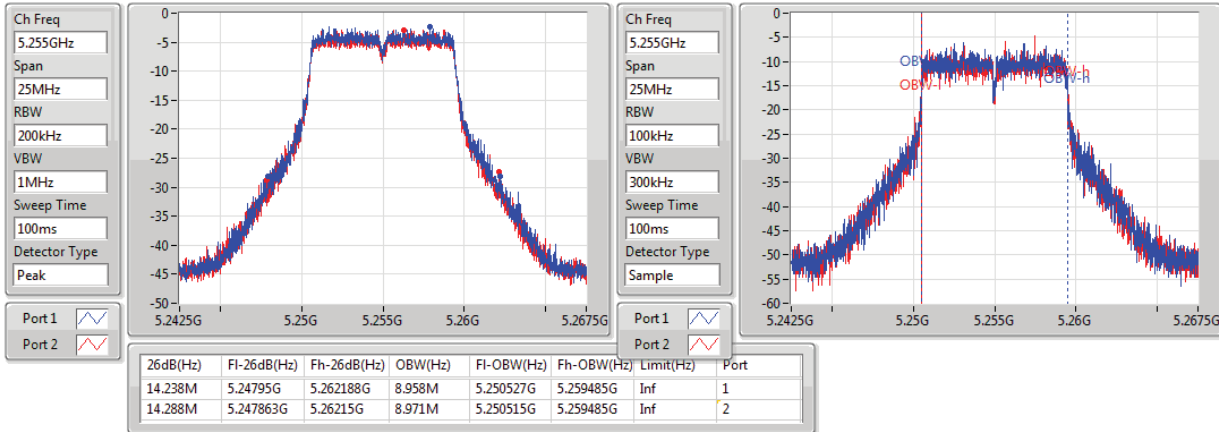
| Mode    | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|---------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 5300MHz | Pass   | Inf           | 100.9M              | 76.662M            | 98.7M               | 76.462M            |
| 5305MHz | Pass   | Inf           | 108M                | 79.76M             | 102.4M              | 77.661M            |
| 5515MHz | Pass   | Inf           | 98.5M               | 76.462M            | 95.5M               | 76.362M            |
| 5600MHz | Pass   | Inf           | 96.2M               | 75.762M            | 97.5M               | 75.962M            |
| 5685MHz | Pass   | Inf           | 98.8M               | 75.862M            | 98.5M               | 75.862M            |

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

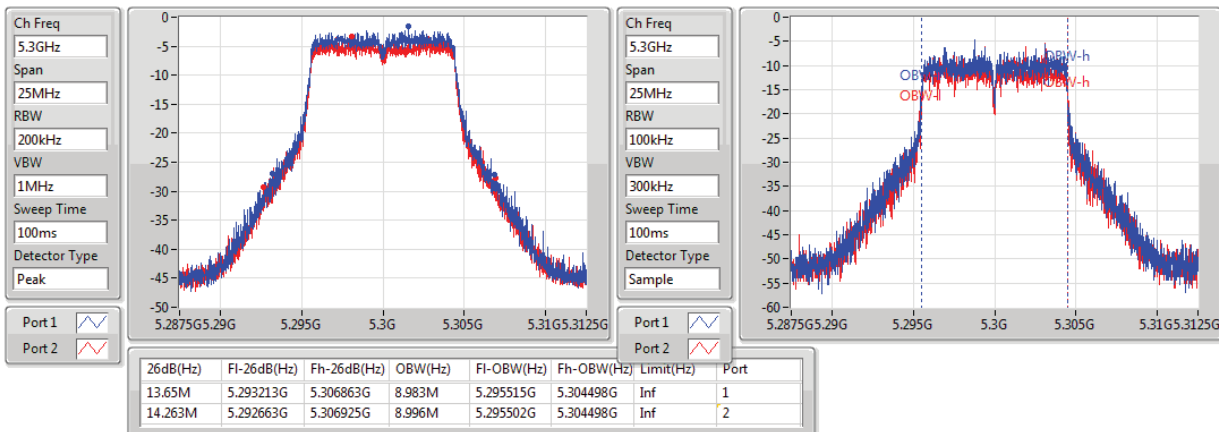
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11ac VHT10\_Nss1,(MCS0)\_2TX**
**EBW**
**5255MHz**

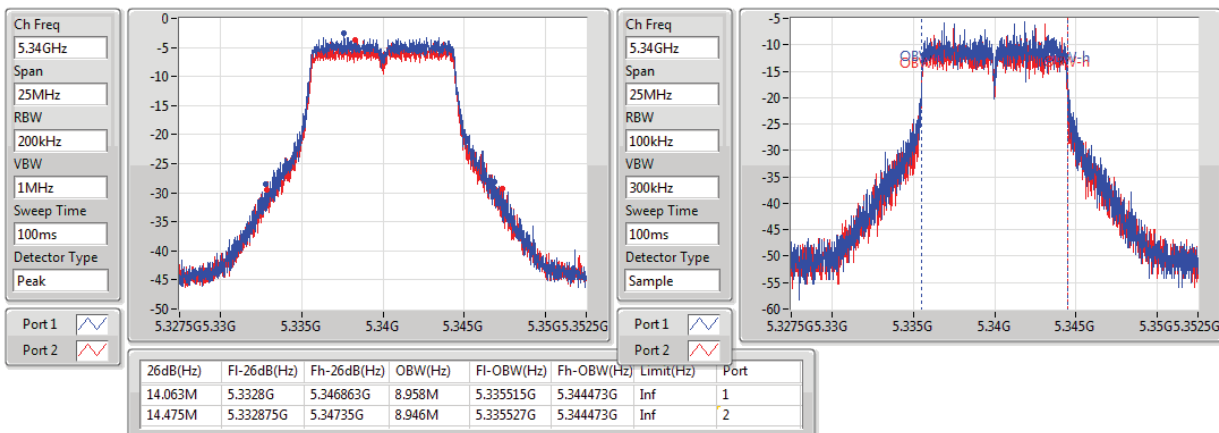
06/11/2017


**802.11ac VHT10\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

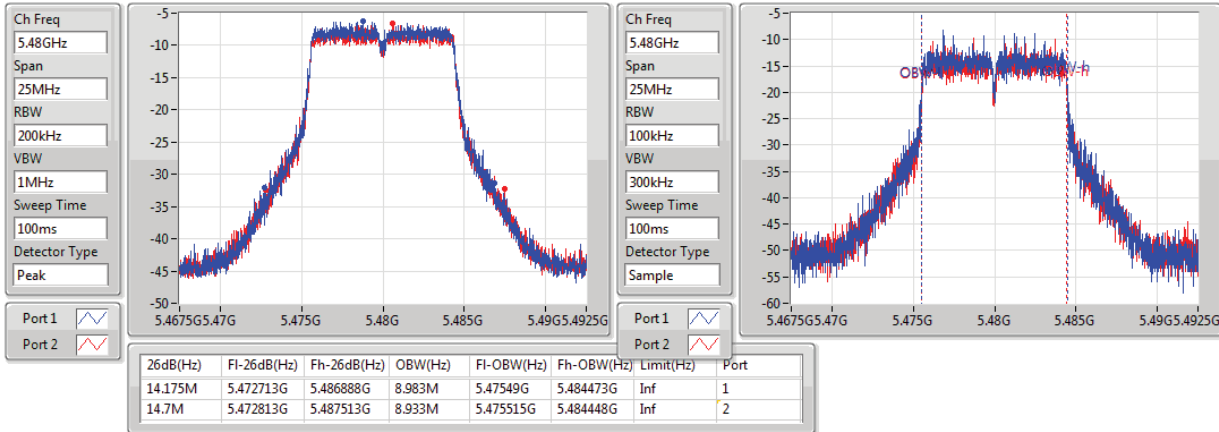

**802.11ac VHT10\_Nss1,(MCS0)\_2TX**
**EBW**
**5340MHz**

06/11/2017

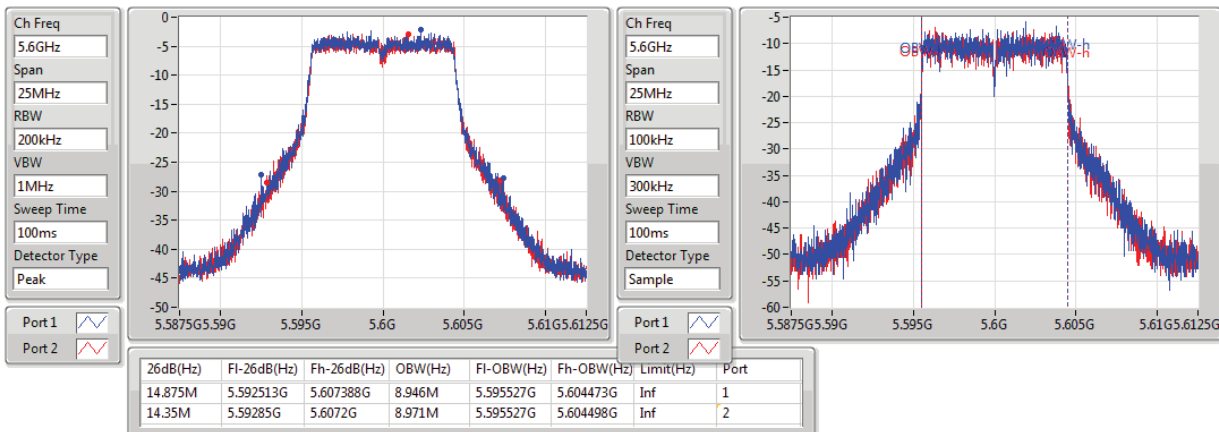


**802.11ac VHT10\_Nss1,(MCS0)\_2TX**
**EBW**
**5480MHz**

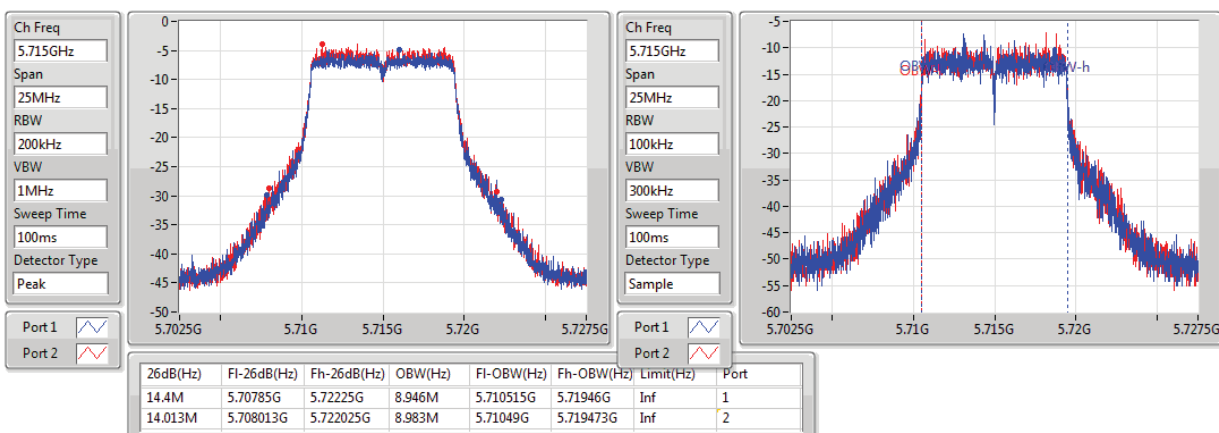
06/11/2017


**802.11ac VHT10\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017

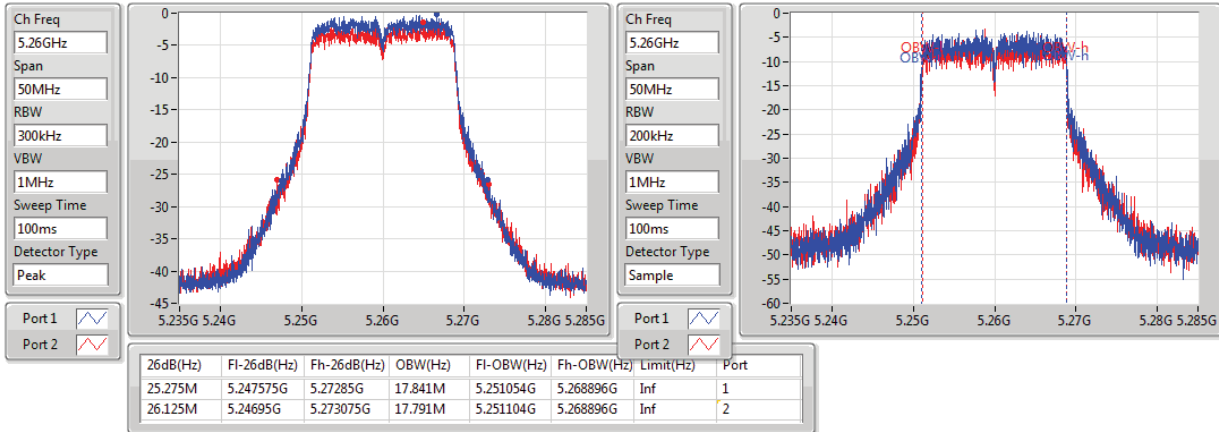

**802.11ac VHT10\_Nss1,(MCS0)\_2TX**
**EBW**
**5715MHz**

06/11/2017

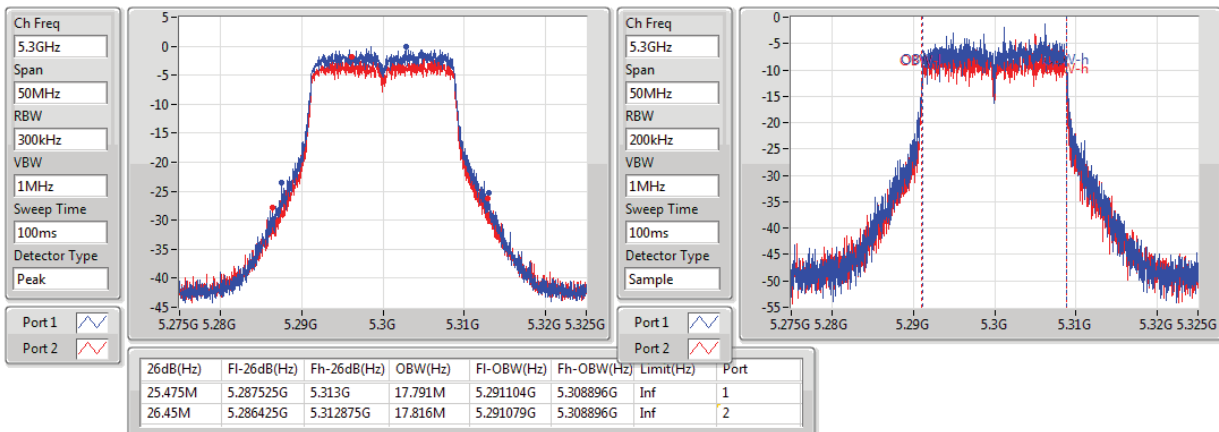


**802.11ac VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5260MHz**

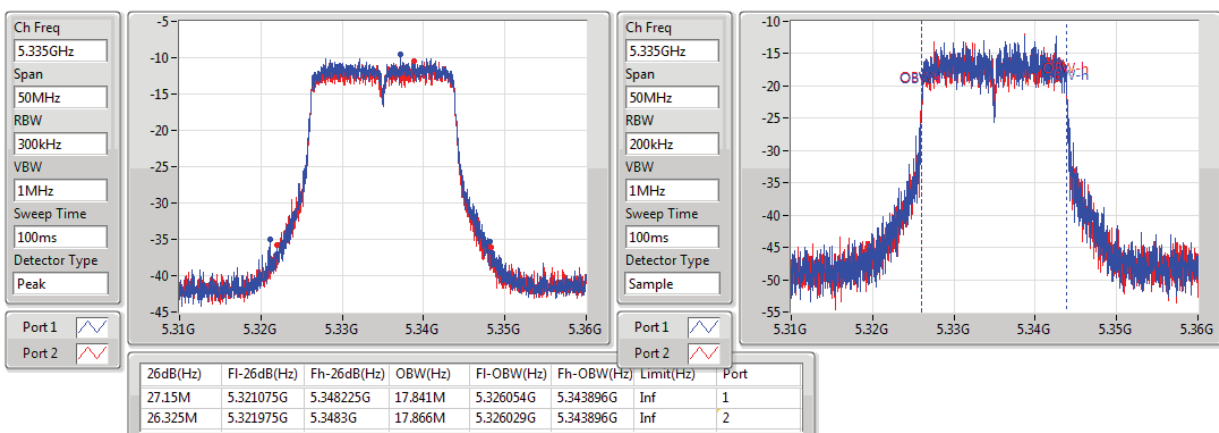
06/11/2017


**802.11ac VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

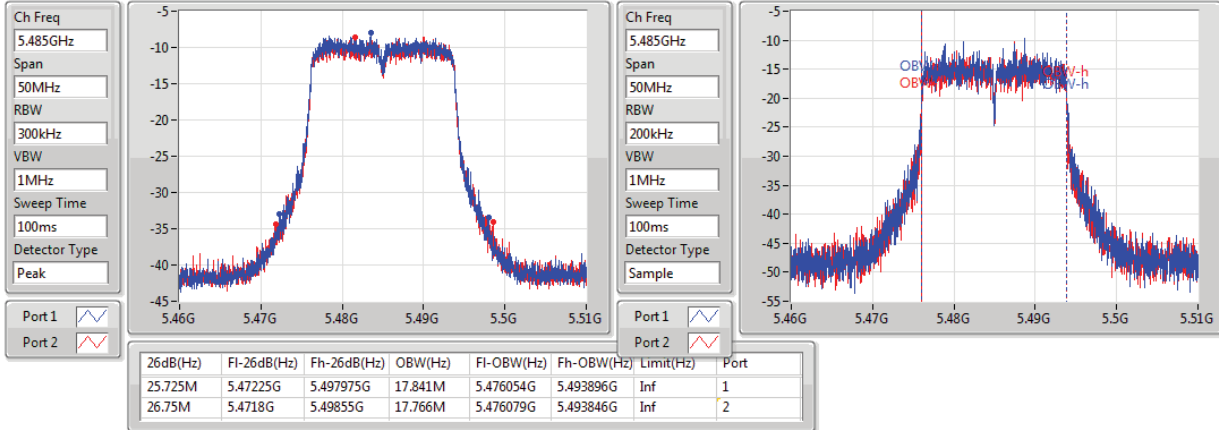

**802.11ac VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5335MHz**

06/11/2017

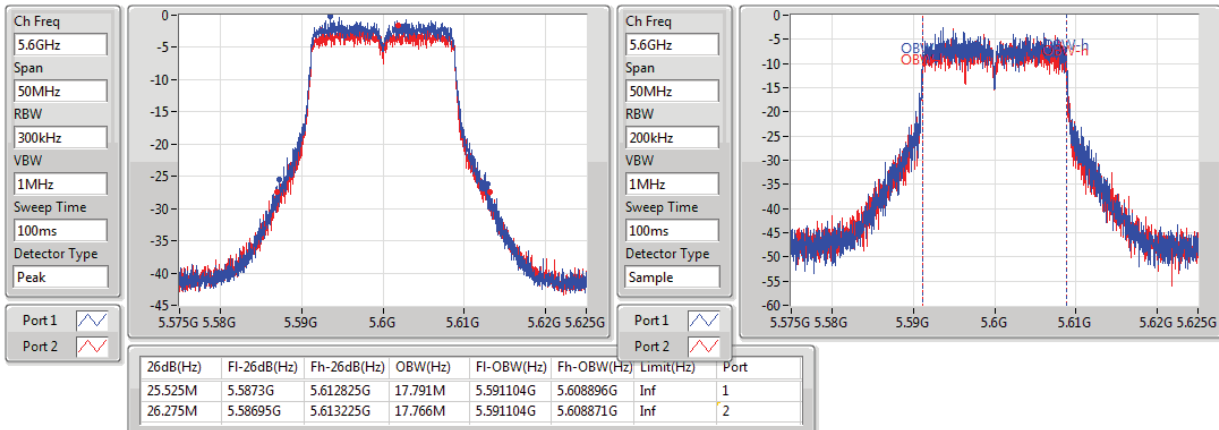


**802.11ac VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5485MHz**

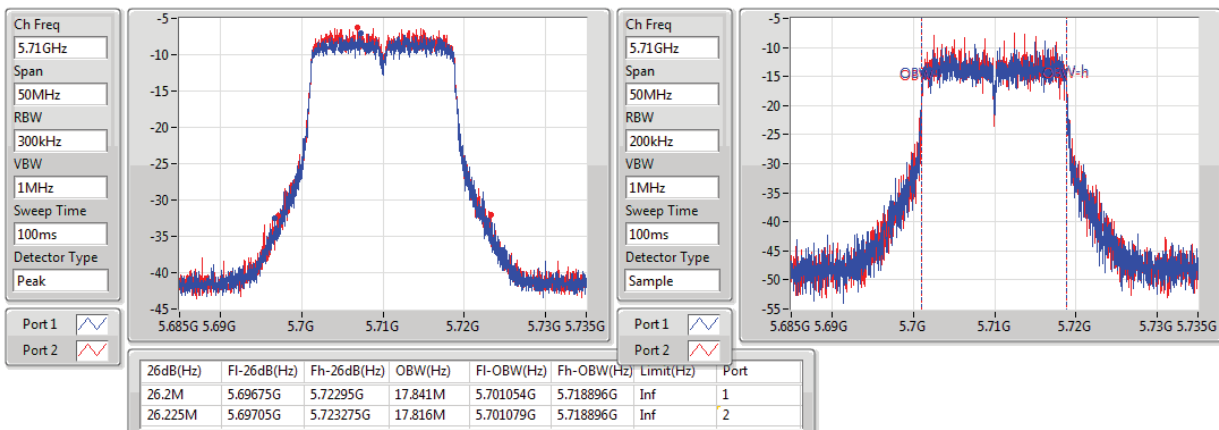
06/11/2017


**802.11ac VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017

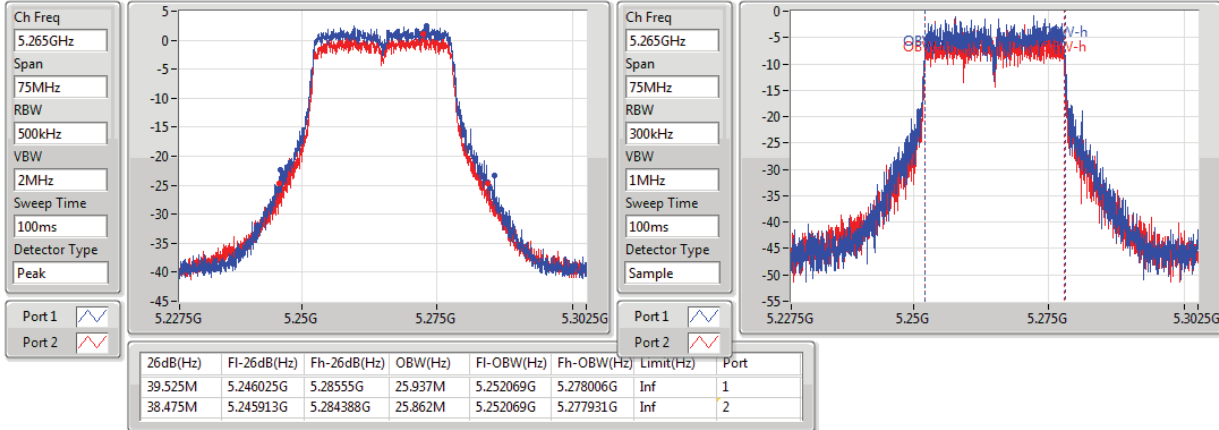

**802.11ac VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5710MHz**

06/11/2017

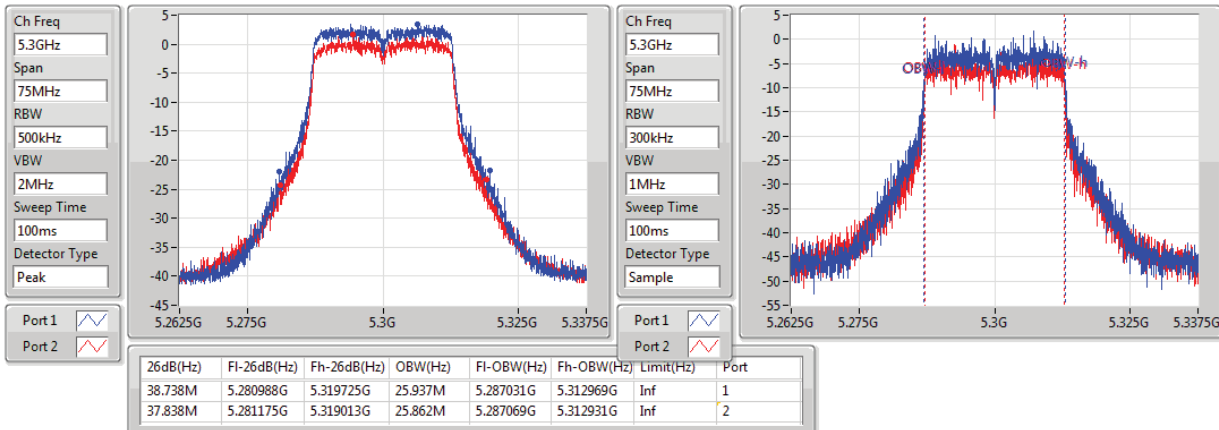


**802.11ac VHT30\_Nss1,(MCS0)\_2TX**
**EBW**
**5265MHz**

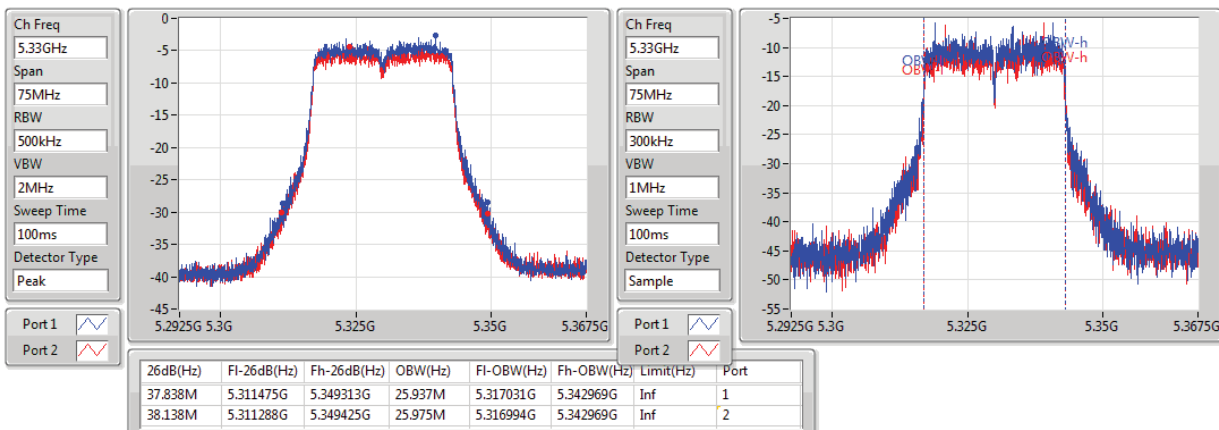
06/11/2017


**802.11ac VHT30\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

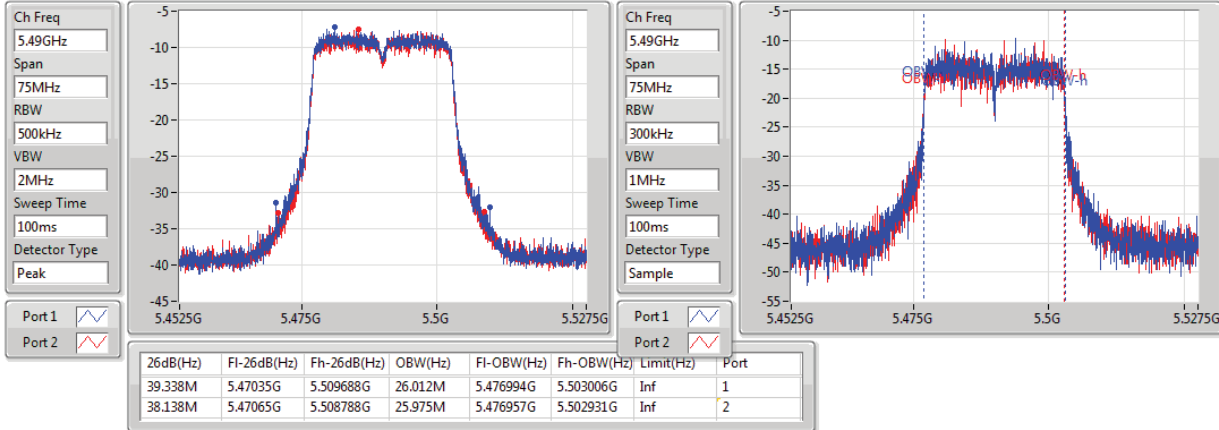

**802.11ac VHT30\_Nss1,(MCS0)\_2TX**
**EBW**
**5330MHz**

06/11/2017

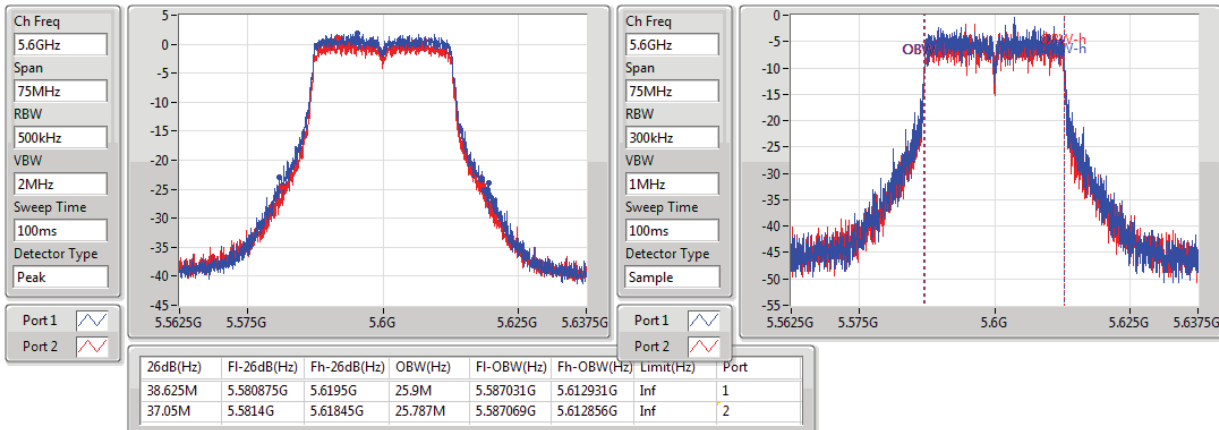


**802.11ac VHT30\_Nss1,(MCS0)\_2TX**
**EBW**
**5490MHz**

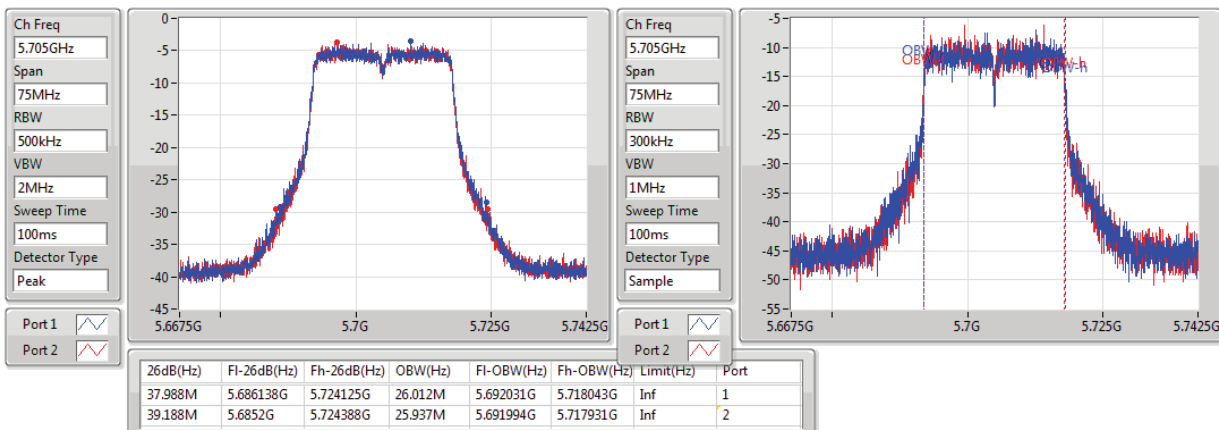
06/11/2017


**802.11ac VHT30\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017

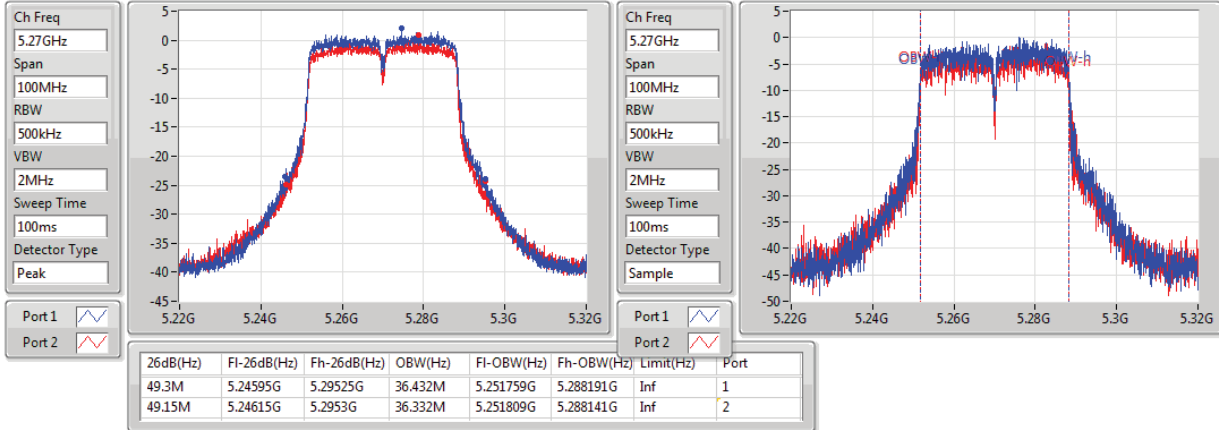

**802.11ac VHT30\_Nss1,(MCS0)\_2TX**
**EBW**
**5705MHz**

06/11/2017

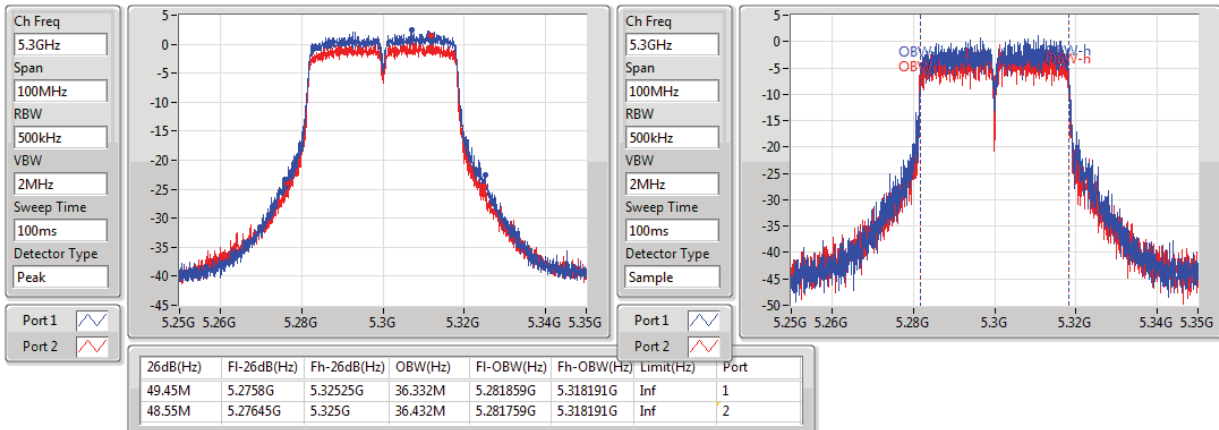


**802.11ac VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

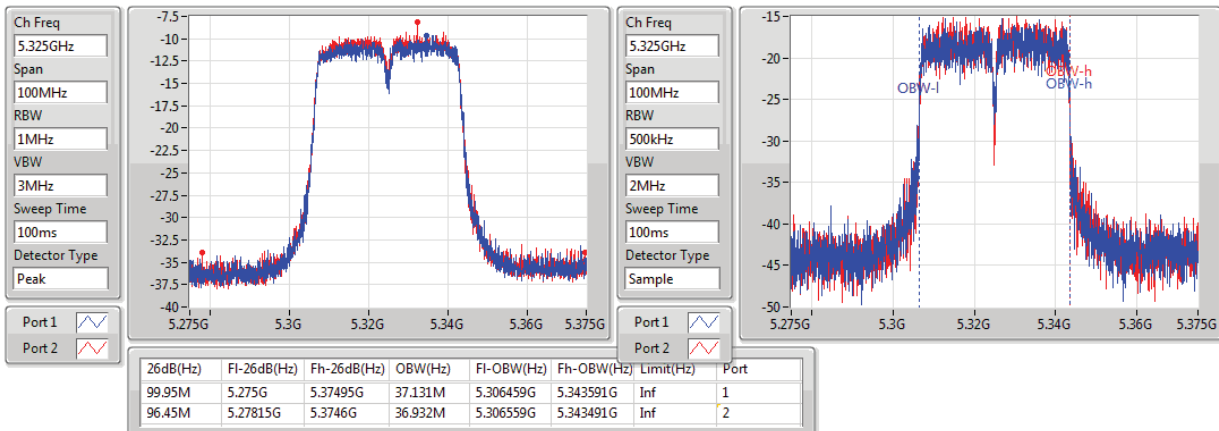
06/11/2017


**802.11ac VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

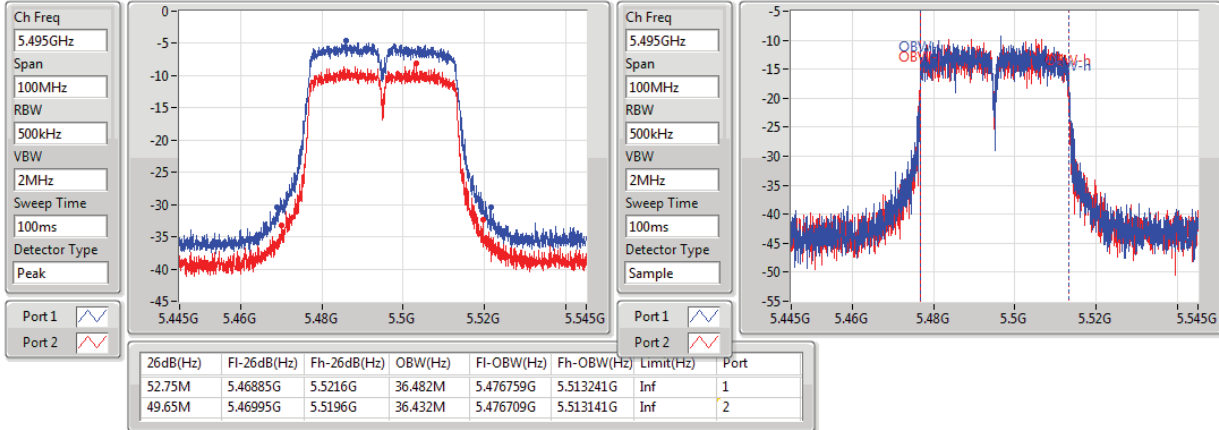

**802.11ac VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5325MHz**

06/11/2017

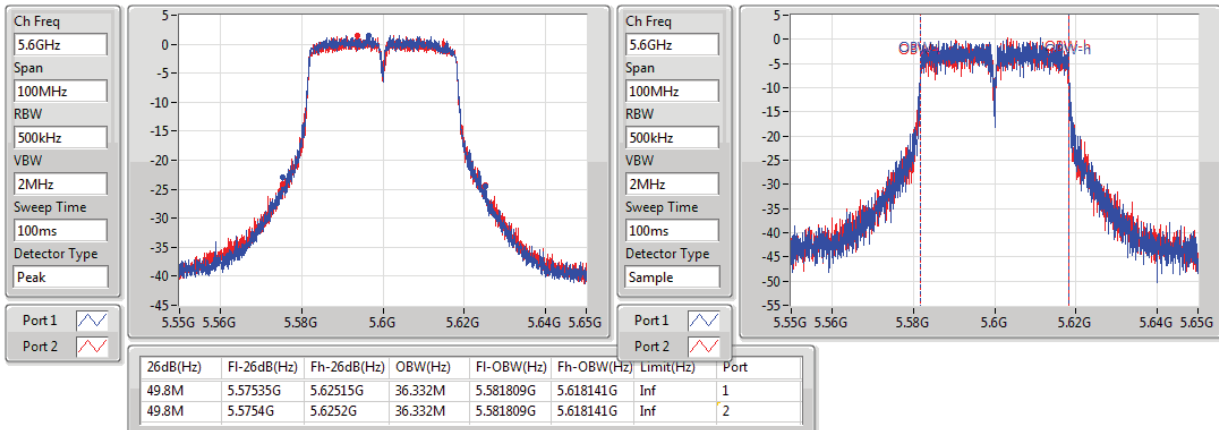


**802.11ac VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5495MHz**

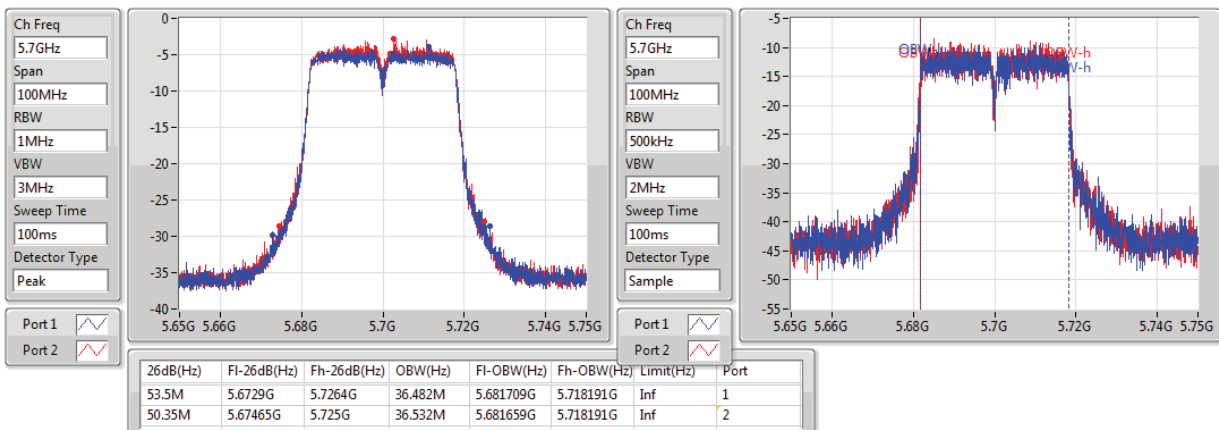
06/11/2017


**802.11ac VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017

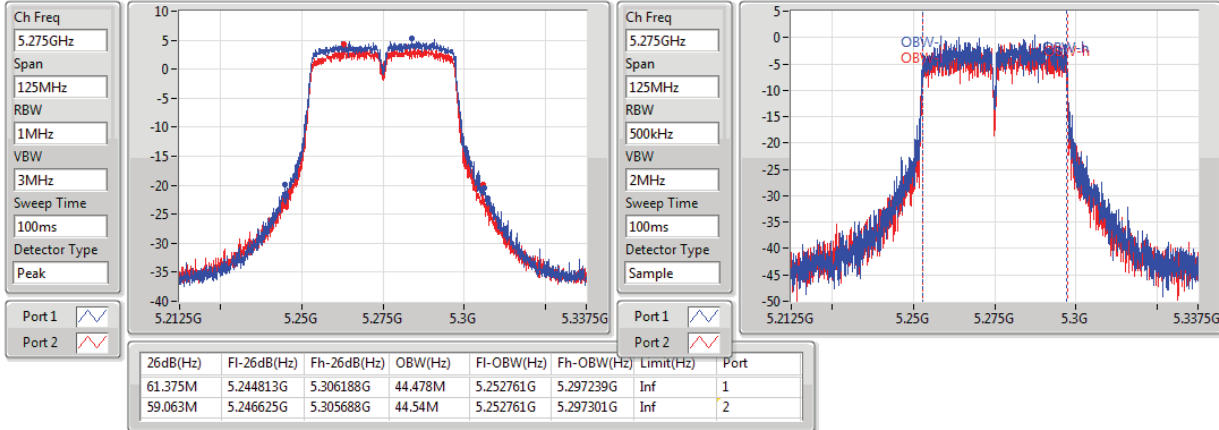

**802.11ac VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

06/11/2017

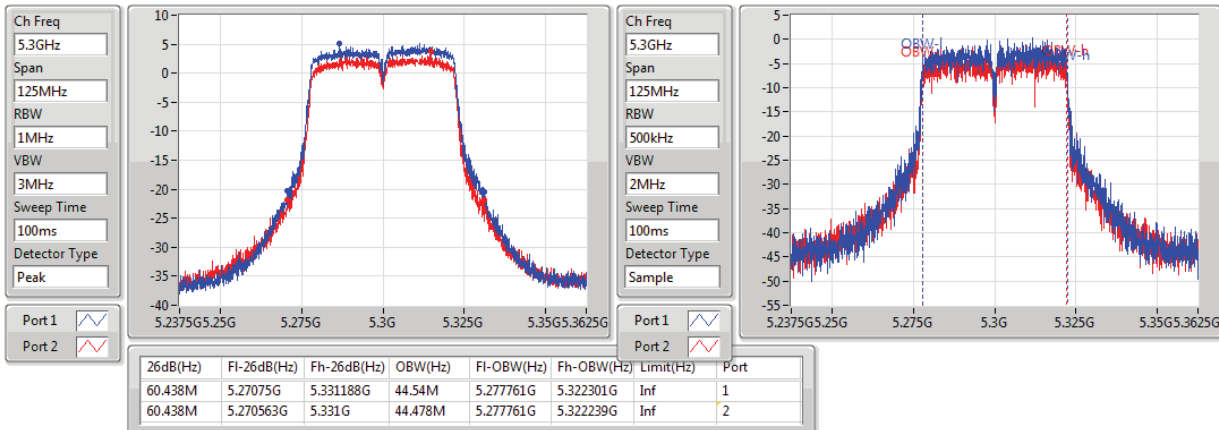


**802.11ac VHT50\_Nss1,(MCS0)\_2TX**
**EBW**
**5275MHz**

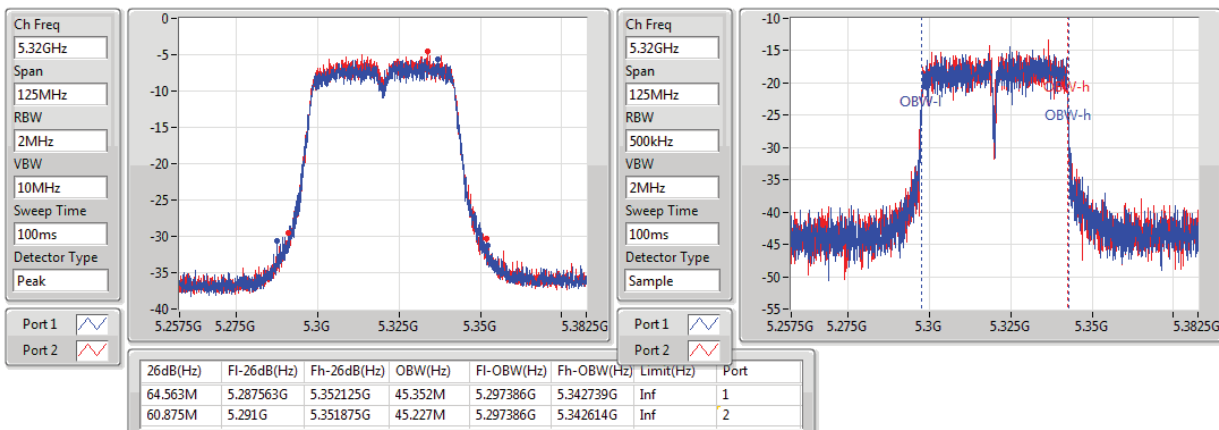
06/11/2017


**802.11ac VHT50\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

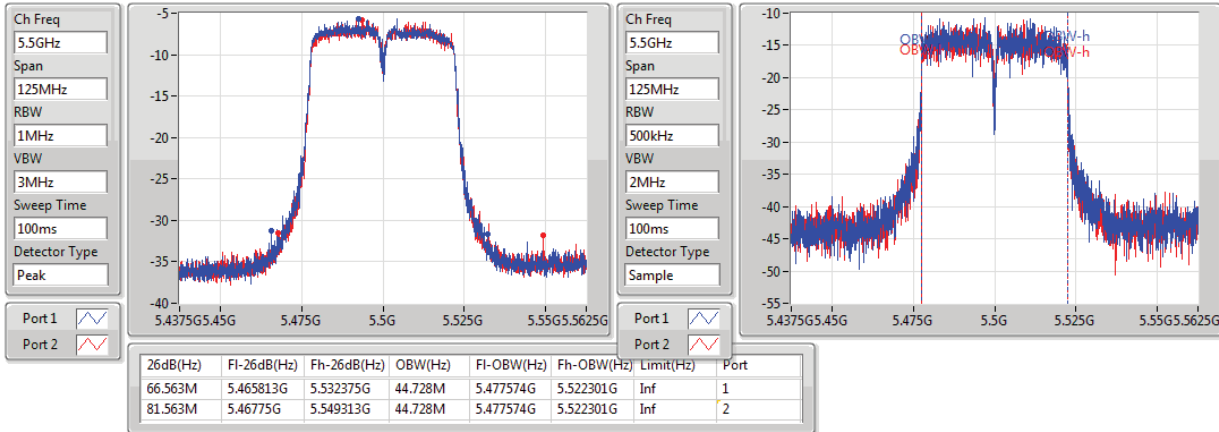

**802.11ac VHT50\_Nss1,(MCS0)\_2TX**
**EBW**
**5320MHz**

06/11/2017

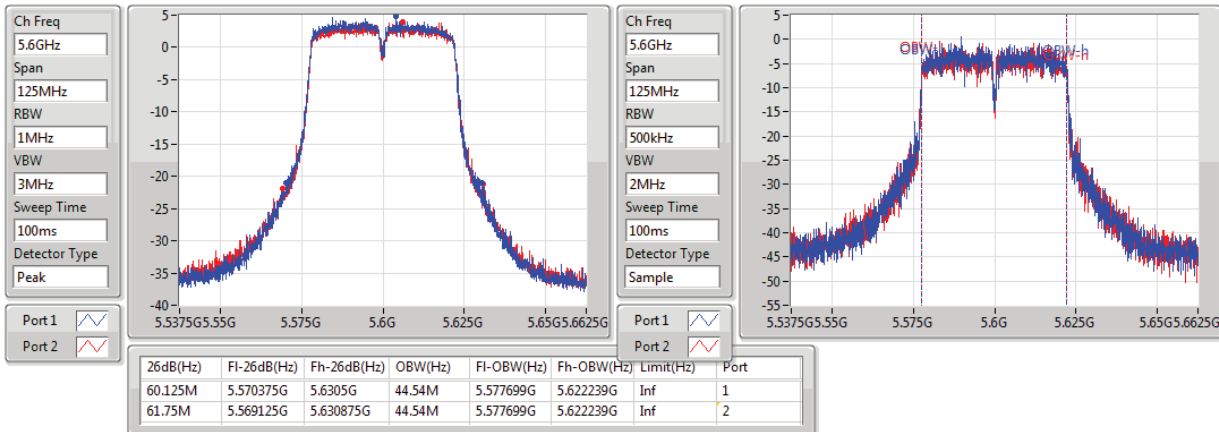


**802.11ac VHT50\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

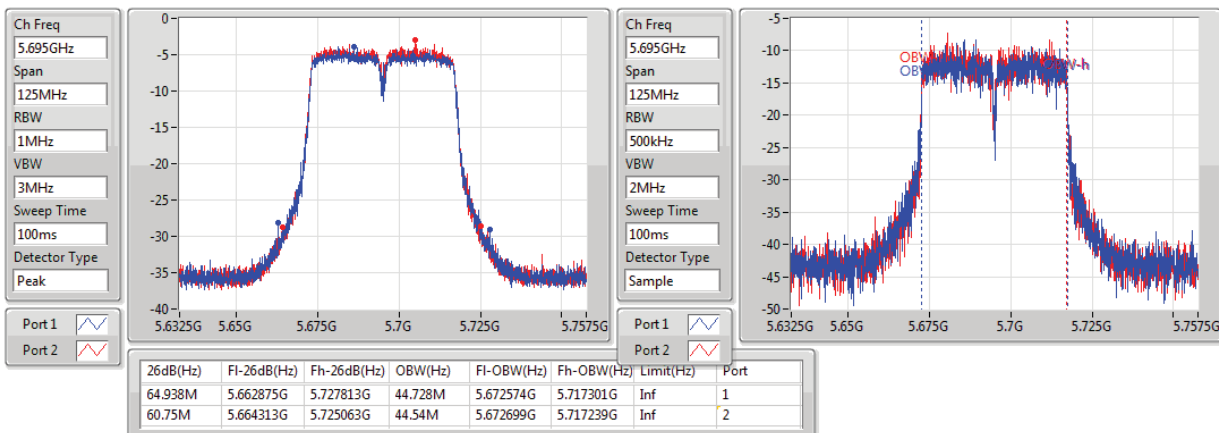
06/11/2017


**802.11ac VHT50\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017

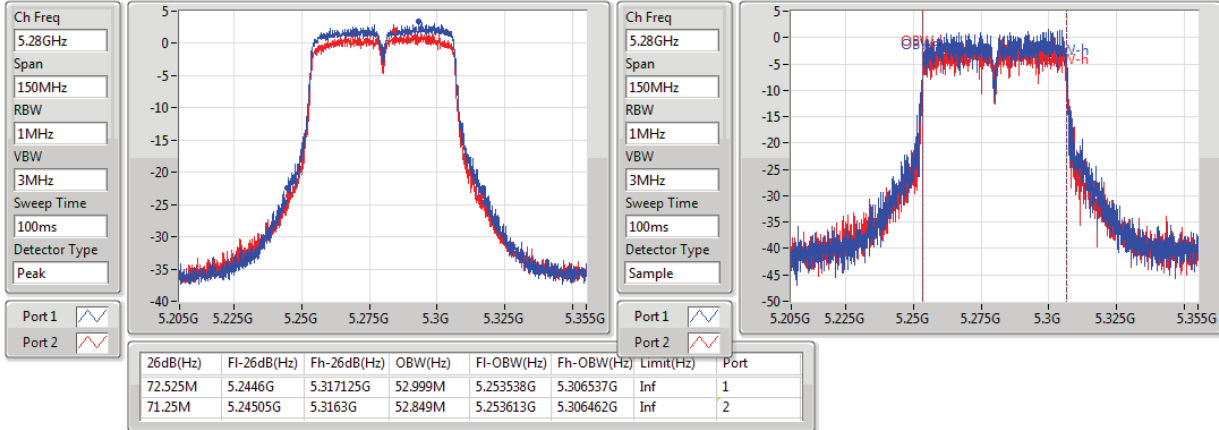

**802.11ac VHT50\_Nss1,(MCS0)\_2TX**
**EBW**
**5695MHz**

06/11/2017

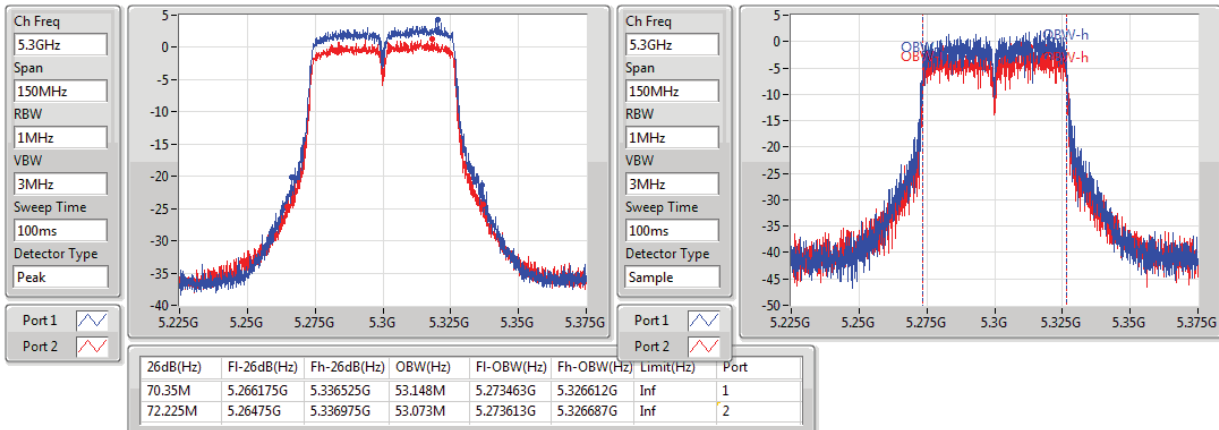


**802.11ac VHT60\_Nss1,(MCS0)\_2TX**
**EBW**
**5280MHz**

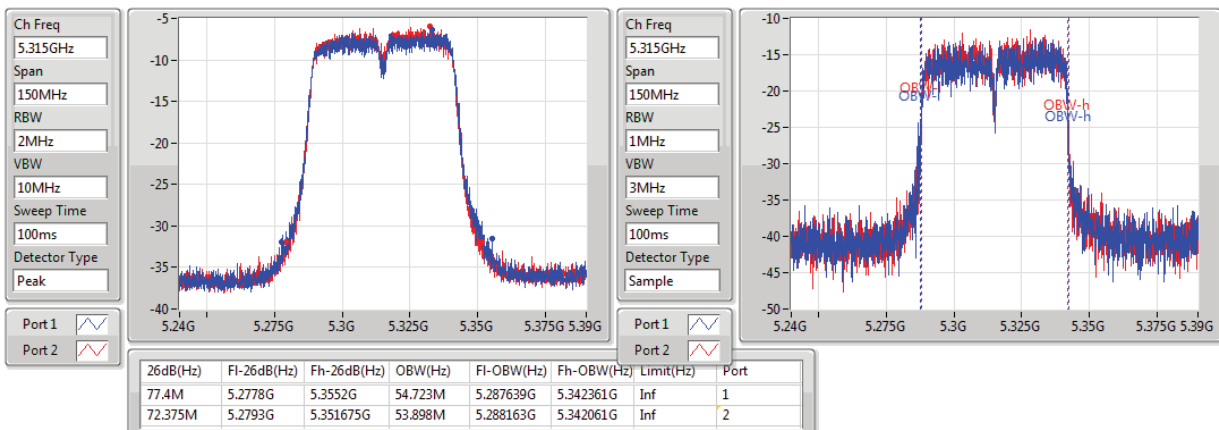
06/11/2017


**802.11ac VHT60\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

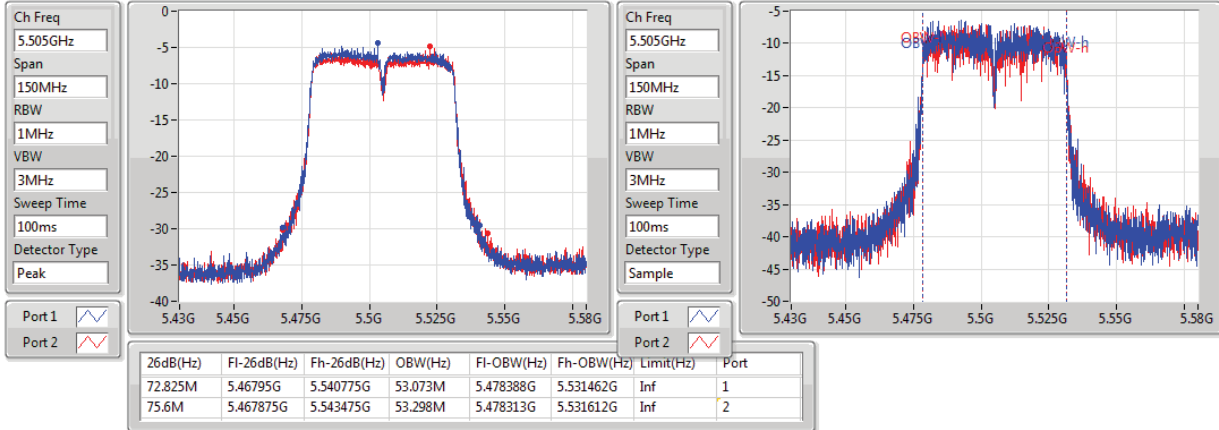

**802.11ac VHT60\_Nss1,(MCS0)\_2TX**
**EBW**
**5315MHz**

06/11/2017

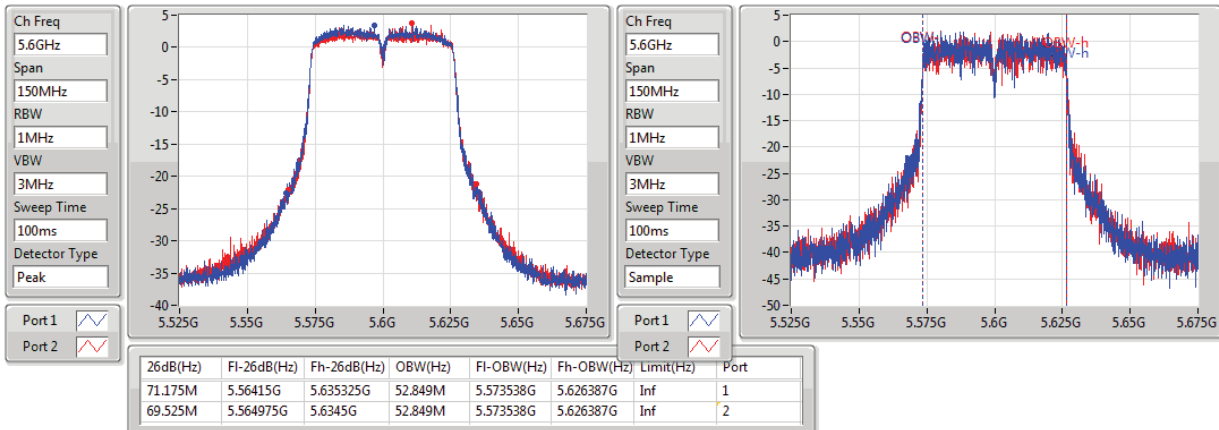


**802.11ac VHT60\_Nss1,(MCS0)\_2TX**
**EBW**
**5505MHz**

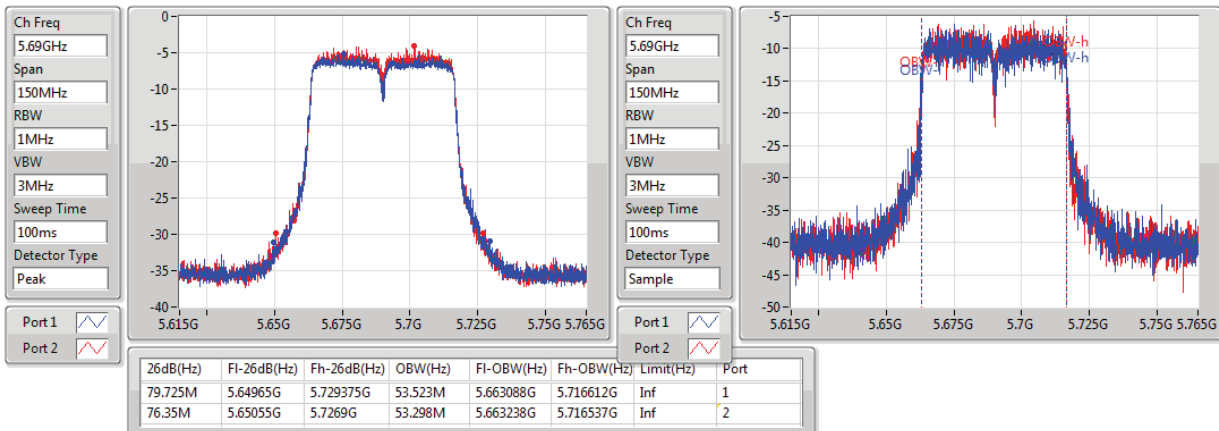
06/11/2017


**802.11ac VHT60\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017

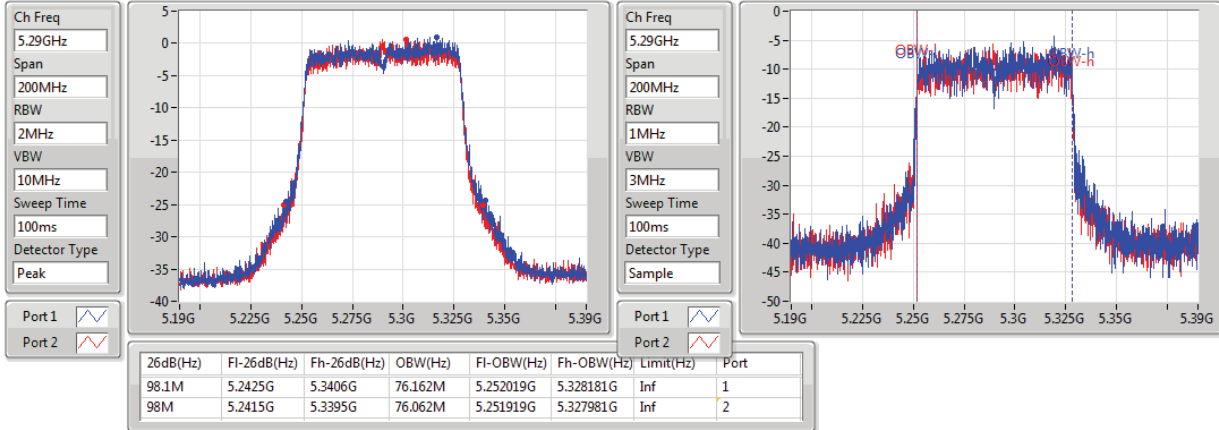

**802.11ac VHT60\_Nss1,(MCS0)\_2TX**
**EBW**
**5690MHz**

06/11/2017

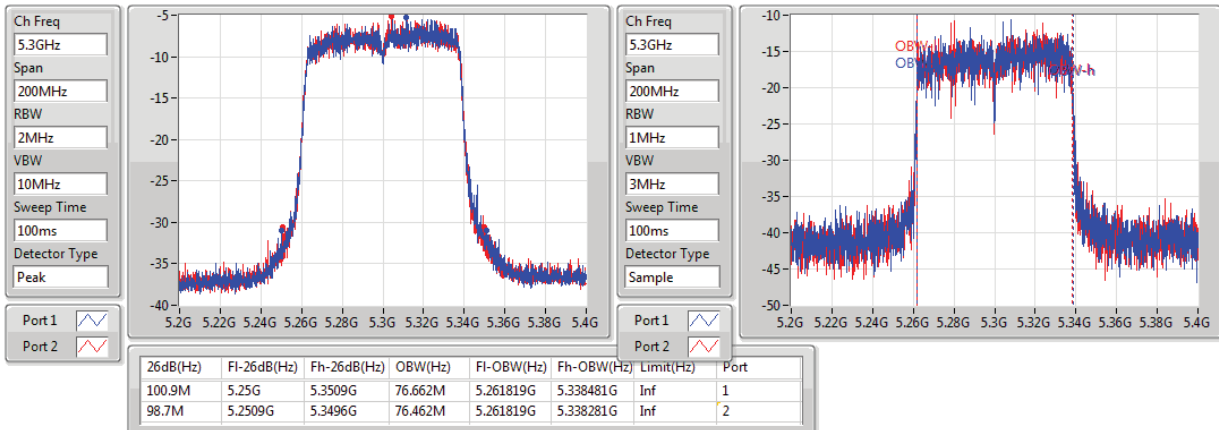


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

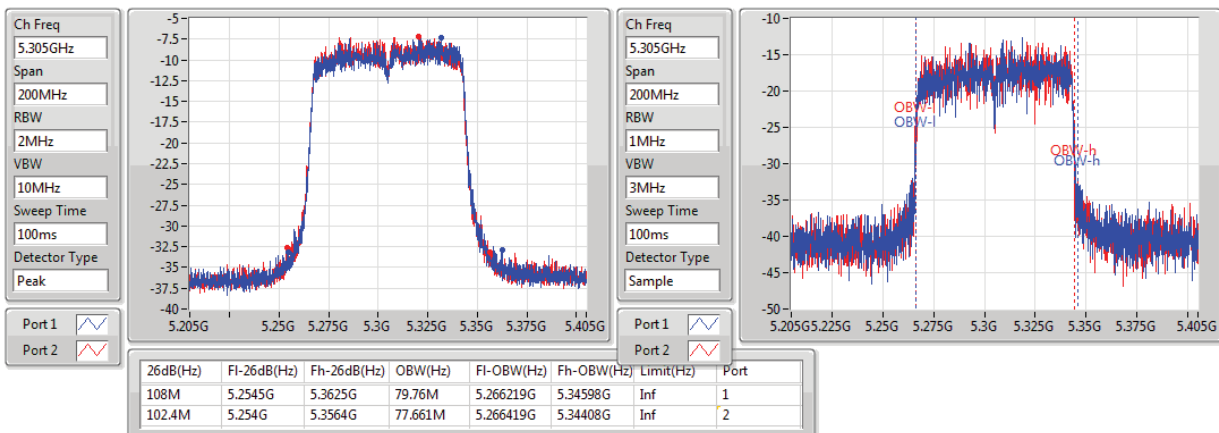
06/11/2017


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5300MHz**

03/11/2017

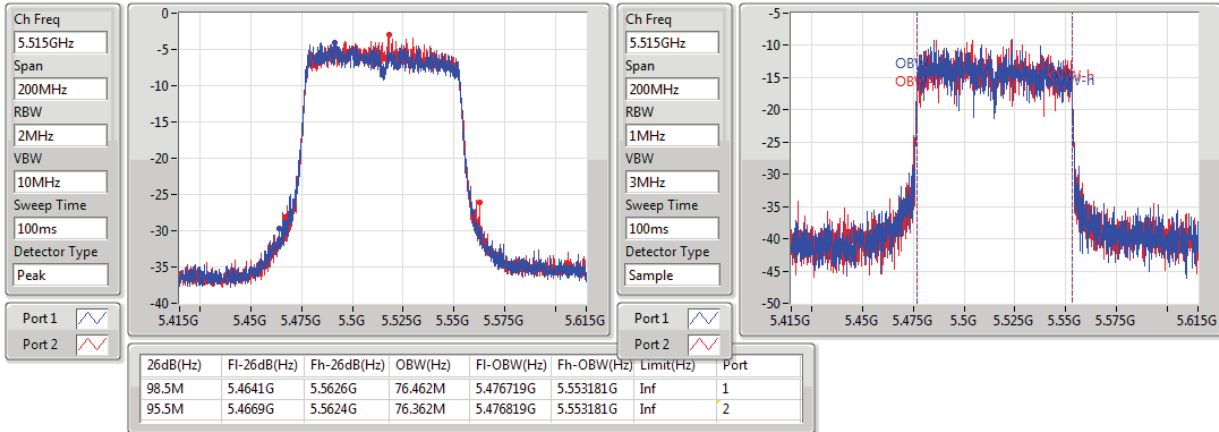

**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5305MHz**

06/11/2017

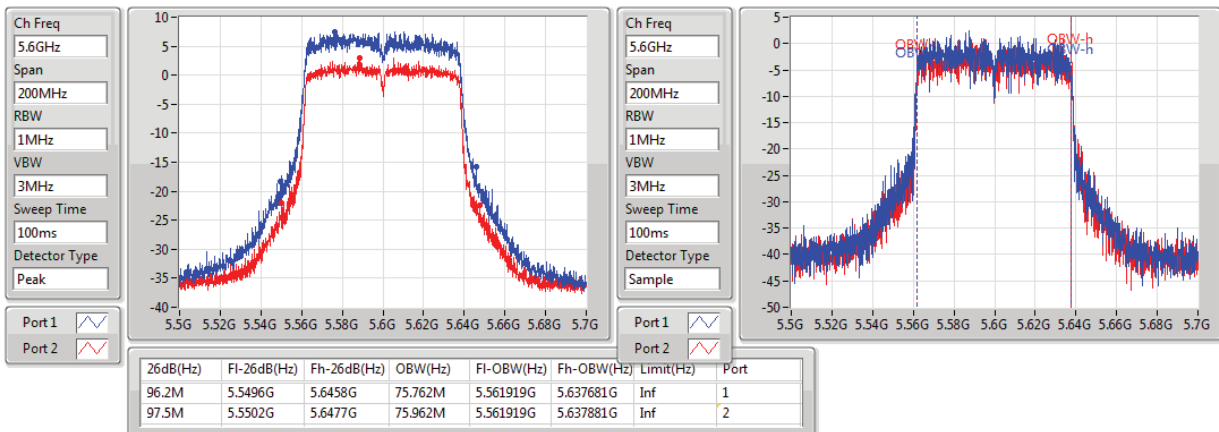


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5515MHz**

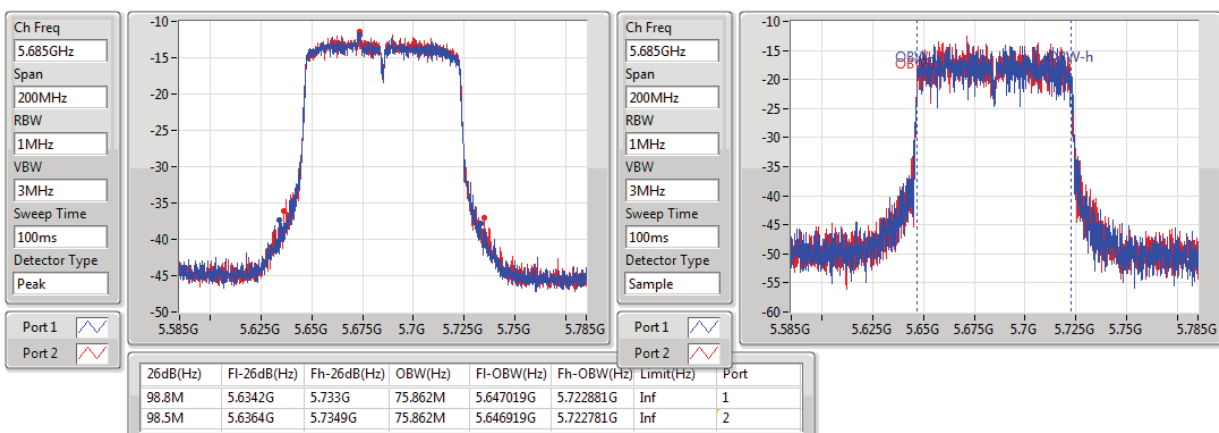
06/11/2017


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5600MHz**

03/11/2017


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5685MHz**

06/11/2017



**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.25-5.35GHz                   | -                    | -                  | -             | -           |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | 8.10                 | 0.00646            | 24.10         | 0.25704     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 10.91                | 0.01233            | 26.91         | 0.49091     |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | 12.57                | 0.01807            | 28.57         | 0.71945     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 13.60                | 0.02291            | 29.60         | 0.91201     |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | 13.96                | 0.02489            | 29.96         | 0.99083     |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | 12.95                | 0.01972            | 28.95         | 0.78524     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 7.46                 | 0.00557            | 23.46         | 0.22182     |
| 5.47-5.725GHz                  | -                    | -                  | -             | -           |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | 7.75                 | 0.00596            | 23.75         | 0.23714     |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 10.61                | 0.01151            | 26.61         | 0.45814     |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | 12.24                | 0.01675            | 28.24         | 0.66681     |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 13.55                | 0.02265            | 29.55         | 0.90157     |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | 13.56                | 0.02270            | 29.56         | 0.90365     |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | 13.55                | 0.02265            | 29.55         | 0.90157     |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 13.90                | 0.02455            | 29.90         | 0.97724     |

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT10_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5255MHz                        | Pass   | 16.00       | 5.35            | 4.82            | 8.10                 | 12.53                | 24.10         | 28.53               |
| 5300MHz                        | Pass   | 16.00       | 5.42            | 4.11            | 7.82                 | 12.35                | 23.82         | 28.35               |
| 5340MHz                        | Pass   | 16.00       | 4.62            | 3.50            | 7.11                 | 12.48                | 23.11         | 28.48               |
| 5480MHz                        | Pass   | 16.00       | 1.30            | 0.86            | 4.10                 | 12.52                | 20.10         | 28.52               |
| 5600MHz                        | Pass   | 16.00       | 4.89            | 4.59            | 7.75                 | 12.57                | 23.75         | 28.57               |
| 5715MHz                        | Pass   | 16.00       | 2.64            | 3.37            | 6.03                 | 12.47                | 22.03         | 28.47               |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5260MHz                        | Pass   | 16.00       | 8.52            | 7.18            | 10.91                | 14.00                | 26.91         | 30.00               |
| 5300MHz                        | Pass   | 16.00       | 8.28            | 6.66            | 10.56                | 14.00                | 26.56         | 30.00               |
| 5335MHz                        | Pass   | 16.00       | -1.55           | -2.08           | 1.20                 | 14.00                | 17.20         | 30.00               |
| 5485MHz                        | Pass   | 16.00       | 0.24            | -0.11           | 3.08                 | 14.00                | 19.08         | 30.00               |
| 5600MHz                        | Pass   | 16.00       | 8.11            | 7.01            | 10.61                | 14.00                | 26.61         | 30.00               |
| 5710MHz                        | Pass   | 16.00       | 1.61            | 2.21            | 4.93                 | 14.00                | 20.93         | 30.00               |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5265MHz                        | Pass   | 16.00       | 10.27           | 8.70            | 12.57                | 14.00                | 28.57         | 30.00               |
| 5300MHz                        | Pass   | 16.00       | 10.46           | 8.16            | 12.47                | 14.00                | 28.47         | 30.00               |
| 5330MHz                        | Pass   | 16.00       | -0.53           | -0.50           | 2.50                 | 14.00                | 18.50         | 30.00               |
| 5490MHz                        | Pass   | 16.00       | 0.29            | -0.27           | 3.03                 | 14.00                | 19.03         | 30.00               |
| 5600MHz                        | Pass   | 16.00       | 9.83            | 8.54            | 12.24                | 14.00                | 28.24         | 30.00               |
| 5705MHz                        | Pass   | 16.00       | 3.84            | 3.85            | 6.86                 | 14.00                | 22.86         | 30.00               |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5270MHz                        | Pass   | 16.00       | 10.59           | 9.11            | 12.92                | 14.00                | 28.92         | 30.00               |
| 5300MHz                        | Pass   | 16.00       | 11.38           | 9.63            | 13.60                | 14.00                | 29.60         | 30.00               |
| 5325MHz                        | Pass   | 16.00       | -4.80           | -4.43           | -1.60                | 14.00                | 14.40         | 30.00               |
| 5495MHz                        | Pass   | 16.00       | 0.54            | 0.45            | 3.51                 | 14.00                | 19.51         | 30.00               |
| 5600MHz                        | Pass   | 16.00       | 10.75           | 10.32           | 13.55                | 14.00                | 29.55         | 30.00               |
| 5700MHz                        | Pass   | 16.00       | 1.31            | 1.75            | 4.55                 | 14.00                | 20.55         | 30.00               |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5275MHz                        | Pass   | 16.00       | 11.50           | 10.33           | 13.96                | 14.00                | 29.96         | 30.00               |
| 5300MHz                        | Pass   | 16.00       | 11.41           | 9.61            | 13.61                | 14.00                | 29.61         | 30.00               |
| 5320MHz                        | Pass   | 16.00       | -3.81           | -3.41           | -0.60                | 14.00                | 15.40         | 30.00               |
| 5500MHz                        | Pass   | 16.00       | 0.50            | 0.33            | 3.43                 | 14.00                | 19.43         | 30.00               |
| 5600MHz                        | Pass   | 16.00       | 10.82           | 10.27           | 13.56                | 14.00                | 29.56         | 30.00               |
| 5695MHz                        | Pass   | 16.00       | 2.43            | 2.85            | 5.66                 | 14.00                | 21.66         | 30.00               |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5280MHz                        | Pass   | 16.00       | 10.64           | 9.11            | 12.95                | 14.00                | 28.95         | 30.00               |
| 5300MHz                        | Pass   | 16.00       | 10.93           | 8.60            | 12.93                | 14.00                | 28.93         | 30.00               |
| 5315MHz                        | Pass   | 16.00       | -3.72           | -3.42           | -0.56                | 14.00                | 15.44         | 30.00               |
| 5505MHz                        | Pass   | 16.00       | 2.56            | 1.93            | 5.27                 | 14.00                | 21.27         | 30.00               |
| 5600MHz                        | Pass   | 16.00       | 10.75           | 10.32           | 13.55                | 14.00                | 29.55         | 30.00               |
| 5690MHz                        | Pass   | 16.00       | 2.42            | 2.92            | 5.69                 | 14.00                | 21.69         | 30.00               |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5290MHz                        | Pass   | 16.00       | 4.67            | 4.21            | 7.46                 | 14.00                | 23.46         | 30.00               |



## Power Result

## Appendix B

| Mode    | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 5300MHz | Pass   | 16.00       | -2.05           | -2.02           | 0.98                 | 14.00                | 16.98         | 30.00               |
| 5305MHz | Pass   | 16.00       | -4.02           | -3.67           | -0.83                | 14.00                | 15.17         | 30.00               |
| 5515MHz | Pass   | 16.00       | -0.26           | -0.17           | 2.80                 | 14.00                | 18.80         | 30.00               |
| 5600MHz | Pass   | 16.00       | 11.36           | 10.37           | 13.90                | 14.00                | 29.90         | 30.00               |
| 5685MHz | Pass   | 16.00       | -5.16           | -4.98           | -2.06                | 14.00                | 13.94         | 30.00               |

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

**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.25-5.35GHz                   | -               | -                    |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | -2.44           | 16.57                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -2.39           | 16.62                |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | -2.15           | 16.86                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -2.39           | 16.62                |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | -2.66           | 16.35                |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | -4.29           | 14.72                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -11.28          | 7.73                 |
| 5.47-5.725GHz                  | -               | -                    |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | -2.55           | 16.46                |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -2.56           | 16.45                |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | -2.33           | 16.68                |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -2.38           | 16.63                |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | -3.16           | 15.85                |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | -3.72           | 15.29                |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -4.69           | 14.32                |

**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) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ac VHT10_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5255MHz_TnomVnom               | Pass   | 19.01       | -5.23               | -5.66               | -2.44           | -2.01                 | 16.57                | 17.00                      |
| 5300MHz_TnomVnom               | Pass   | 19.01       | -4.88               | -6.22               | -2.50           | -2.01                 | 16.51                | 17.00                      |
| 5340MHz_TnomVnom               | Pass   | 19.01       | -5.92               | -6.90               | -3.38           | -2.01                 | 15.63                | 17.00                      |
| 5480MHz_TnomVnom               | Pass   | 19.01       | -8.99               | -9.57               | -6.29           | -2.01                 | 12.72                | 17.00                      |
| 5600MHz_TnomVnom               | Pass   | 19.01       | -5.35               | -5.75               | -2.55           | -2.01                 | 16.46                | 17.00                      |
| 5715MHz_TnomVnom               | Pass   | 19.01       | -7.81               | -7.02               | -4.40           | -2.01                 | 14.61                | 17.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5260MHz_TnomVnom               | Pass   | 19.01       | -4.81               | -6.04               | -2.39           | -2.01                 | 16.62                | 17.00                      |
| 5300MHz_TnomVnom               | Pass   | 19.01       | -4.81               | -6.55               | -2.59           | -2.01                 | 16.42                | 17.00                      |
| 5335MHz_TnomVnom               | Pass   | 19.01       | -14.66              | -15.14              | -11.89          | -2.01                 | 7.12                 | 17.00                      |
| 5485MHz_TnomVnom               | Pass   | 19.01       | -12.82              | -13.38              | -10.11          | -2.01                 | 8.90                 | 17.00                      |
| 5600MHz_TnomVnom               | Pass   | 19.01       | -5.01               | -6.11               | -2.56           | -2.01                 | 16.45                | 17.00                      |
| 5710MHz_TnomVnom               | Pass   | 19.01       | -11.54              | -10.86              | -8.20           | -2.01                 | 10.81                | 17.00                      |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5265MHz_TnomVnom               | Pass   | 19.01       | -4.40               | -5.99               | -2.15           | -2.01                 | 16.86                | 17.00                      |
| 5300MHz_TnomVnom               | Pass   | 19.01       | -4.15               | -6.50               | -2.16           | -2.01                 | 16.85                | 17.00                      |
| 5330MHz_TnomVnom               | Pass   | 19.01       | -14.99              | -14.95              | -12.00          | -2.01                 | 7.01                 | 17.00                      |
| 5490MHz_TnomVnom               | Pass   | 19.01       | -14.25              | -14.92              | -11.58          | -2.01                 | 7.43                 | 17.00                      |
| 5600MHz_TnomVnom               | Pass   | 19.01       | -4.75               | -6.02               | -2.33           | -2.01                 | 16.68                | 17.00                      |
| 5705MHz_TnomVnom               | Pass   | 19.01       | -10.88              | -10.72              | -7.79           | -2.01                 | 11.22                | 17.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5270MHz_TnomVnom               | Pass   | 19.01       | -5.45               | -6.87               | -3.09           | -2.01                 | 15.92                | 17.00                      |
| 5300MHz_TnomVnom               | Pass   | 19.01       | -4.52               | -6.41               | -2.39           | -2.01                 | 16.62                | 17.00                      |
| 5325MHz_TnomVnom               | Pass   | 19.01       | -20.43              | -20.05              | -17.25          | -2.01                 | 1.76                 | 17.00                      |
| 5495MHz_TnomVnom               | Pass   | 19.01       | -15.37              | -15.41              | -12.40          | -2.01                 | 6.61                 | 17.00                      |
| 5600MHz_TnomVnom               | Pass   | 19.01       | -5.13               | -5.60               | -2.38           | -2.01                 | 16.63                | 17.00                      |
| 5700MHz_TnomVnom               | Pass   | 19.01       | -14.71              | -14.21              | -11.47          | -2.01                 | 7.54                 | 17.00                      |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5275MHz_TnomVnom               | Pass   | 19.01       | -5.09               | -6.29               | -2.66           | -2.01                 | 16.35                | 17.00                      |
| 5300MHz_TnomVnom               | Pass   | 19.01       | -5.25               | -7.06               | -3.05           | -2.01                 | 15.96                | 17.00                      |
| 5320MHz_TnomVnom               | Pass   | 19.01       | -20.19              | -19.89              | -17.05          | -2.01                 | 1.96                 | 17.00                      |
| 5500MHz_TnomVnom               | Pass   | 19.01       | -16.11              | -16.28              | -13.24          | -2.01                 | 5.77                 | 17.00                      |
| 5600MHz_TnomVnom               | Pass   | 19.01       | -5.82               | -6.44               | -3.16           | -2.01                 | 15.85                | 17.00                      |
| 5695MHz_TnomVnom               | Pass   | 19.01       | -14.29              | -13.82              | -11.06          | -2.01                 | 7.95                 | 17.00                      |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5280MHz_TnomVnom               | Pass   | 19.01       | -6.57               | -8.28               | -4.36           | -2.01                 | 14.65                | 17.00                      |
| 5300MHz_TnomVnom               | Pass   | 19.01       | -6.21               | -8.67               | -4.29           | -2.01                 | 14.72                | 17.00                      |
| 5315MHz_TnomVnom               | Pass   | 19.01       | -20.63              | -20.46              | -17.59          | -2.01                 | 1.42                 | 17.00                      |
| 5505MHz_TnomVnom               | Pass   | 19.01       | -14.67              | -15.34              | -12.01          | -2.01                 | 7.00                 | 17.00                      |
| 5600MHz_TnomVnom               | Pass   | 19.01       | -6.44               | -6.98               | -3.72           | -2.01                 | 15.29                | 17.00                      |
| 5690MHz_TnomVnom               | Pass   | 19.01       | -14.92              | -14.46              | -11.71          | -2.01                 | 7.30                 | 17.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5290MHz_TnomVnom               | Pass   | 19.01       | -13.89              | -14.73              | -11.28          | -2.01                 | 7.73                 | 17.00                      |



| 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<br>Limit<br>(dBm/RBW) |
|------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|-------------------------------|
| 5300MHz_TnomVnom | Pass   | 19.01       | -20.47              | -20.52              | -17.52          | -2.01                 | 1.49                 | 17.00                         |
| 5305MHz_TnomVnom | Pass   | 19.01       | -22.29              | -21.95              | -19.13          | -2.01                 | -0.12                | 17.00                         |
| 5515MHz_TnomVnom | Pass   | 19.01       | -18.85              | -18.70              | -15.79          | -2.01                 | 3.22                 | 17.00                         |
| 5600MHz_TnomVnom | Pass   | 19.01       | -7.10               | -8.31               | -4.69           | -2.01                 | 14.32                | 17.00                         |
| 5685MHz_TnomVnom | Pass   | 19.01       | -23.26              | -23.06              | -20.16          | -2.01                 | -1.15                | 17.00                         |

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

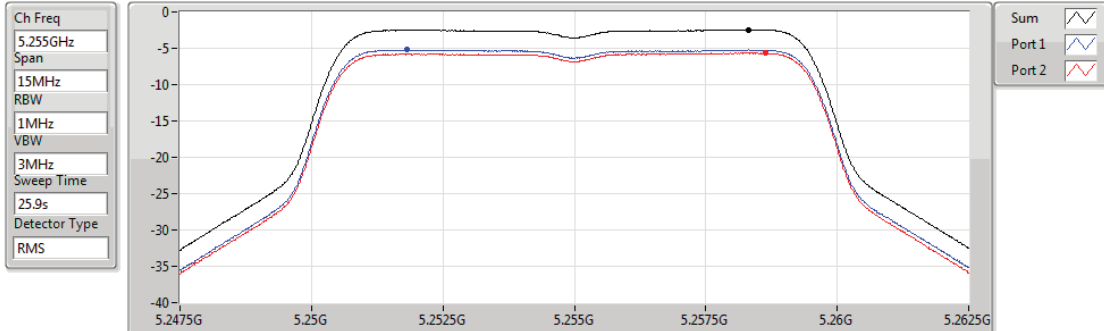
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### PSD

5255MHz

06/11/2017



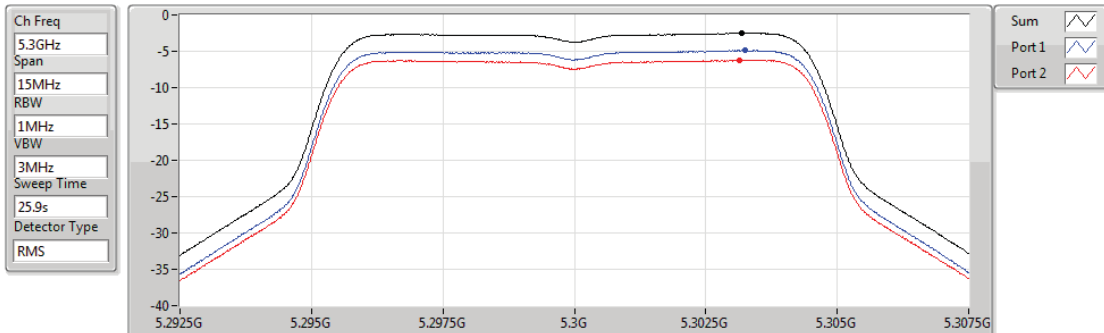
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.44     | -2.44     | -5.23     | -5.66     |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### PSD

5300MHz

03/11/2017



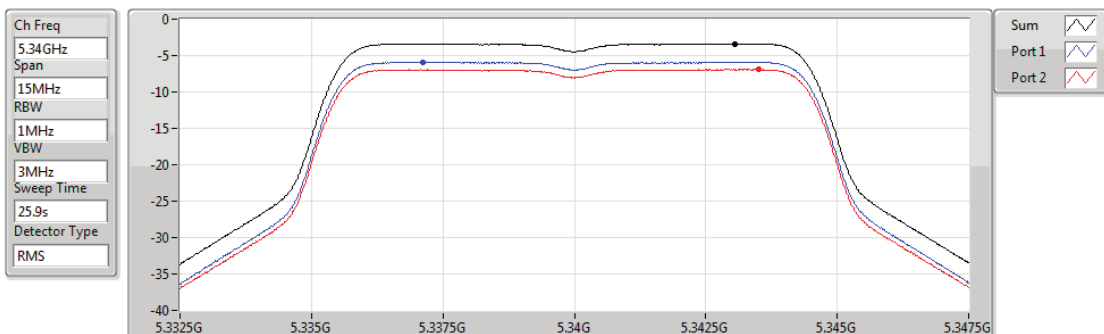
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.50     | -2.50     | -4.88     | -6.22     |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### PSD

5340MHz

06/11/2017



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.38     | -3.38     | -5.92     | -6.90     |

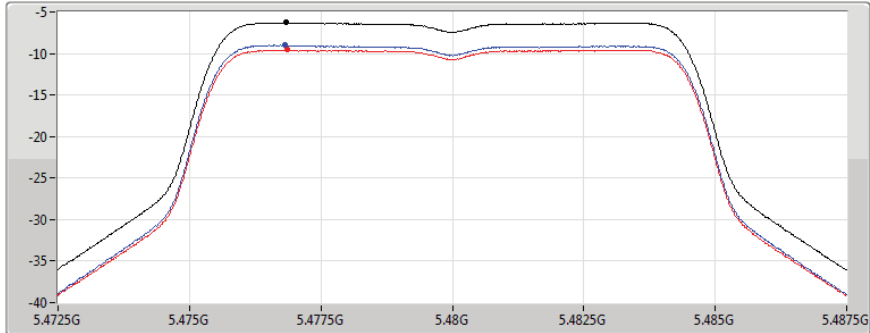
### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### PSD

5480MHz

06/11/2017

Ch Freq  
5.48GHz  
Span  
15MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
25.9s  
Detector Type  
RMS



Sum ☐  
Port 1 ☐  
Port 2 ☐

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.29     | -6.29     | -8.99     | -9.57     |

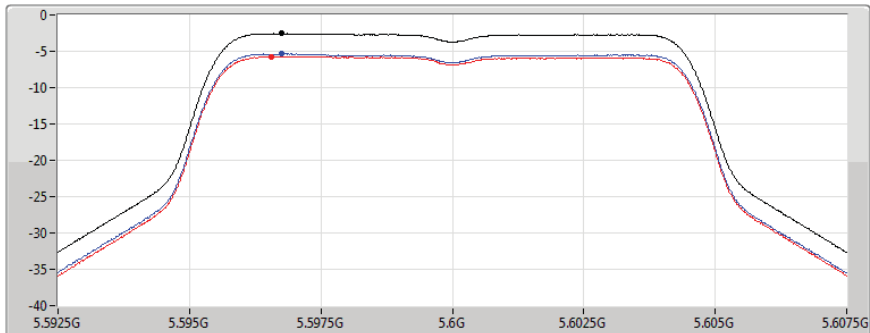
### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### PSD

5600MHz

03/11/2017

Ch Freq  
5.6GHz  
Span  
15MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
25.9s  
Detector Type  
RMS



Sum ☐  
Port 1 ☐  
Port 2 ☐

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.55     | -2.55     | -5.35     | -5.75     |

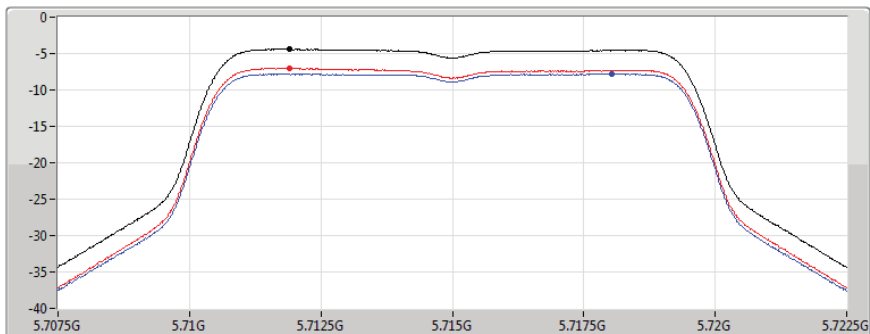
### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### PSD

5715MHz

06/11/2017

Ch Freq  
5.715GHz  
Span  
15MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
25.9s  
Detector Type  
RMS



Sum ☐  
Port 1 ☐  
Port 2 ☐

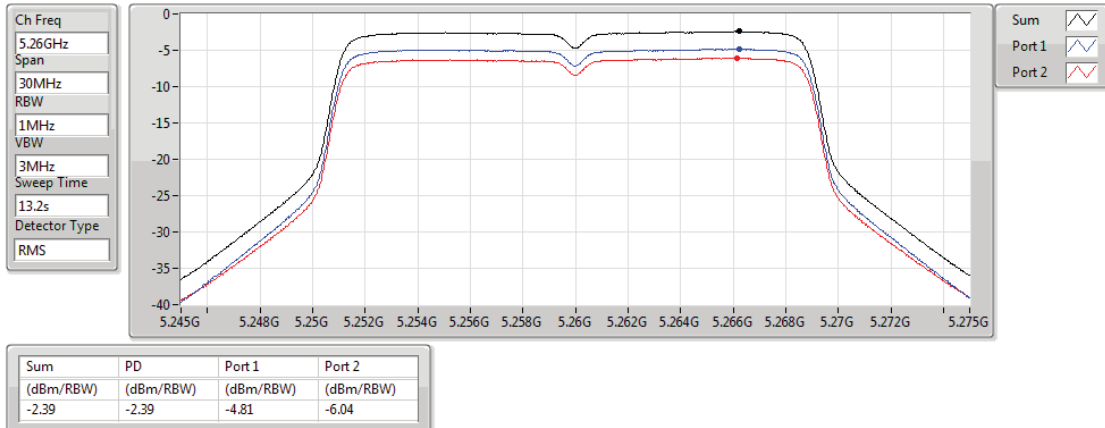
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.40     | -4.40     | -7.81     | -7.02     |

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

### PSD

5260MHz

06/11/2017

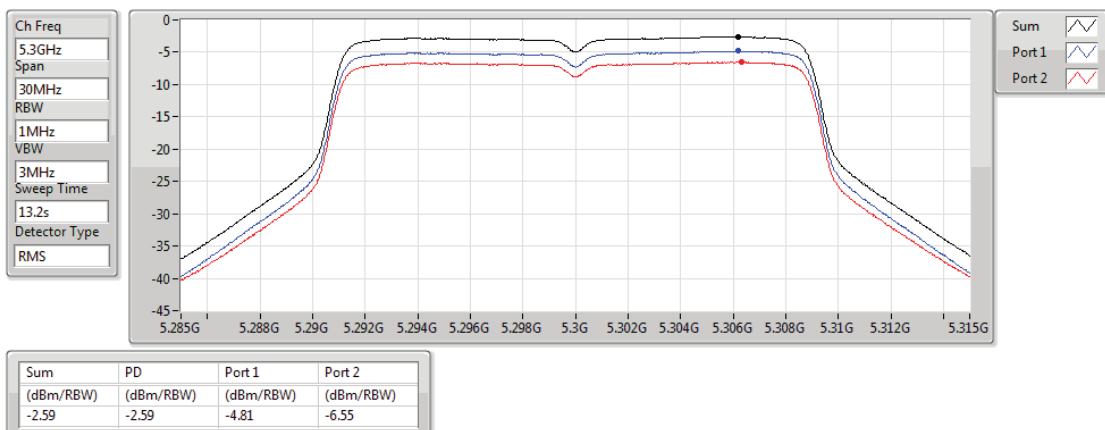


### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5300MHz

03/11/2017

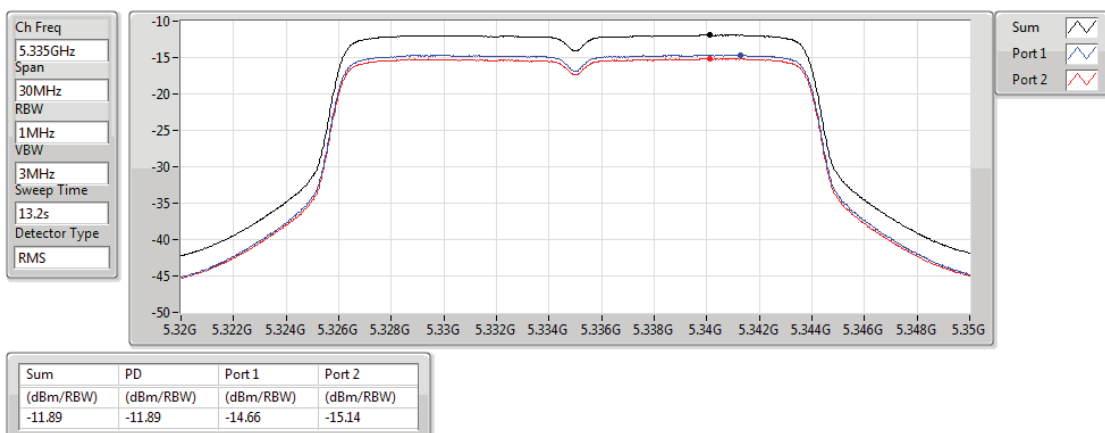


### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5335MHz

06/11/2017

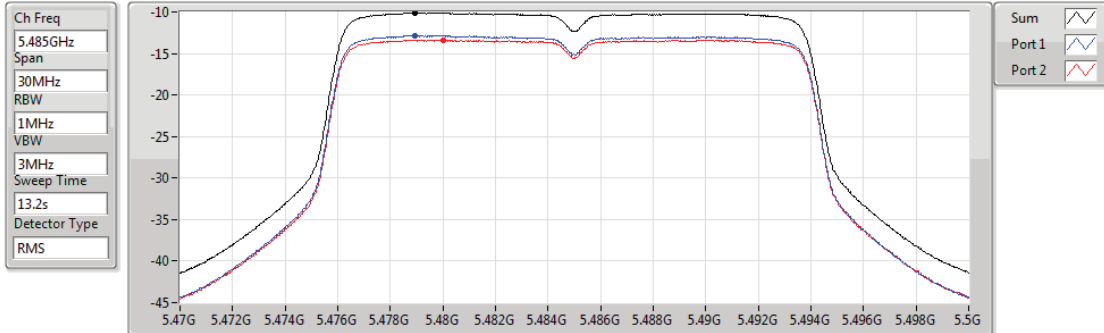


### 802.11ac VHT20\_Nss1,(MCS0)\_2TX

### PSD

5485MHz

06/11/2017



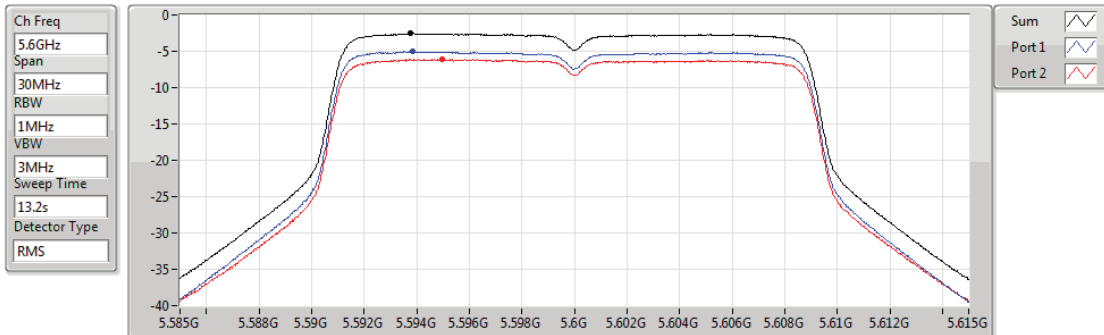
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -10.11   | -10.11   | -12.82   | -13.38   |

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

### PSD

5600MHz

03/11/2017



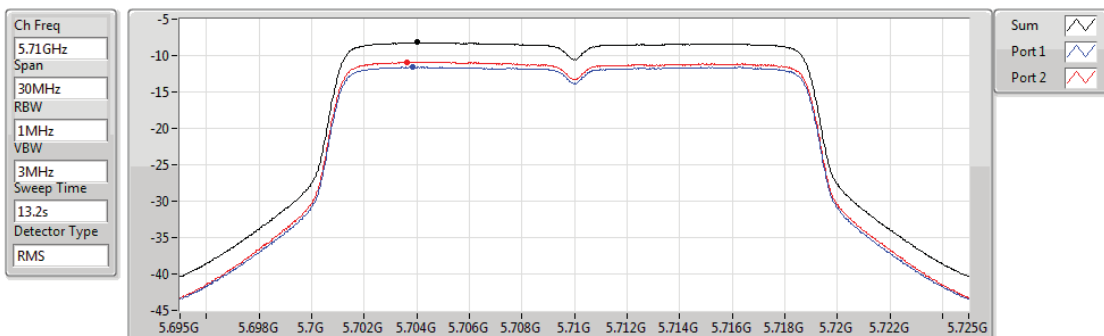
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.56    | -2.56    | -5.01    | -6.11    |

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

### PSD

5710MHz

06/11/2017



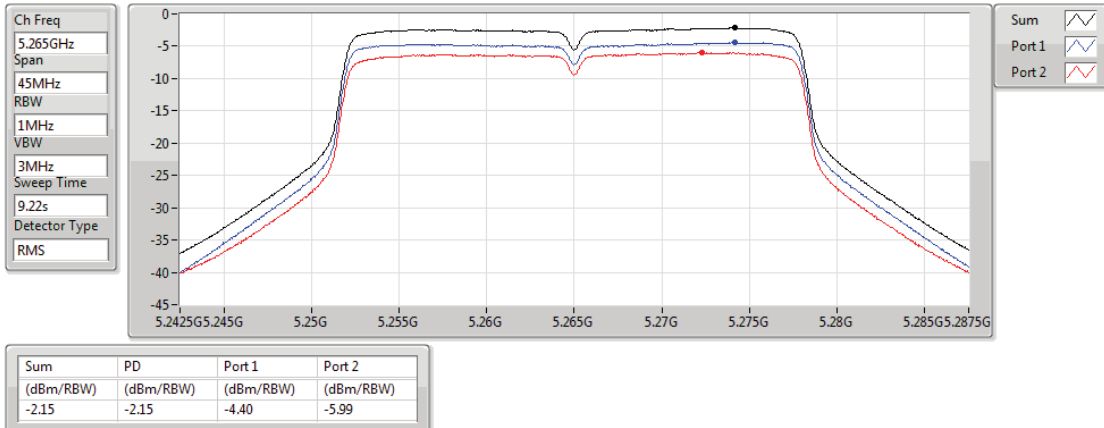
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -8.20    | -8.20    | -11.54   | -10.86   |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

PSD

5265MHz

06/11/2017

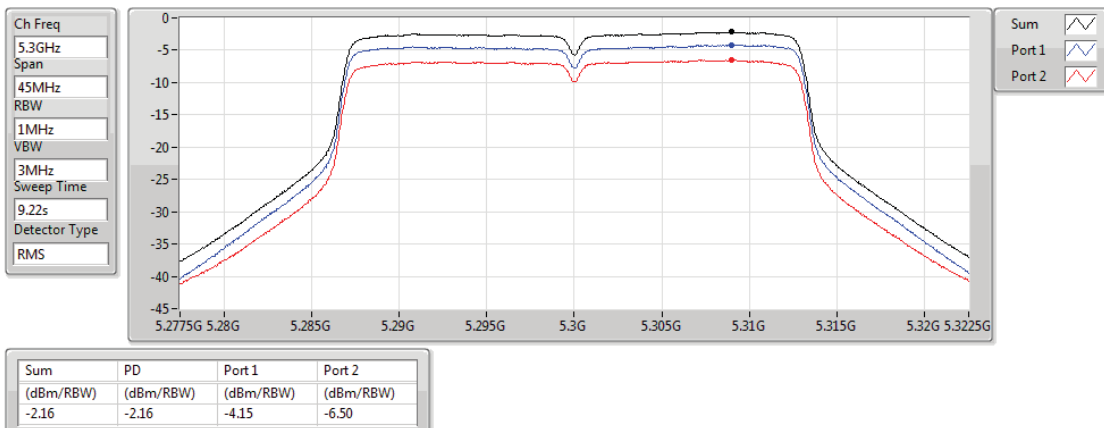


### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

PSD

5300MHz

03/11/2017

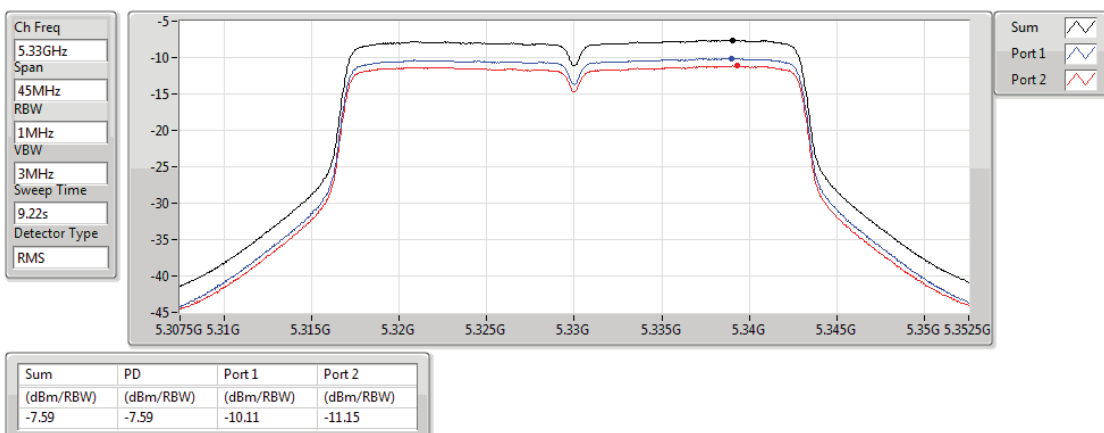


### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

PSD

5330MHz

06/11/2017

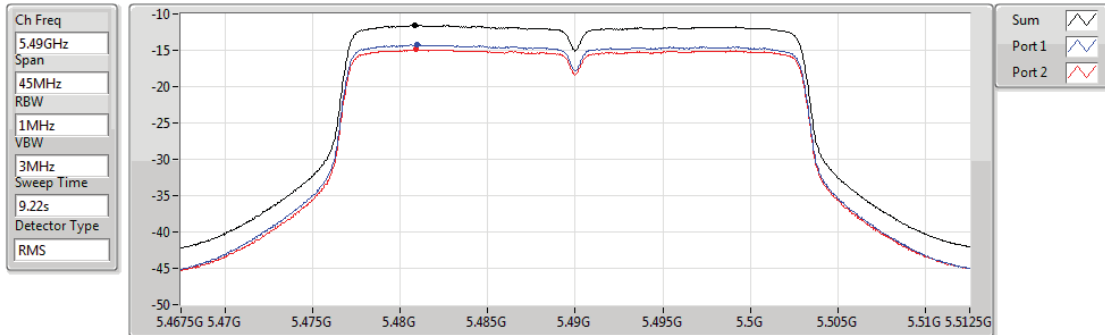


### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

PSD

5490MHz

06/11/2017



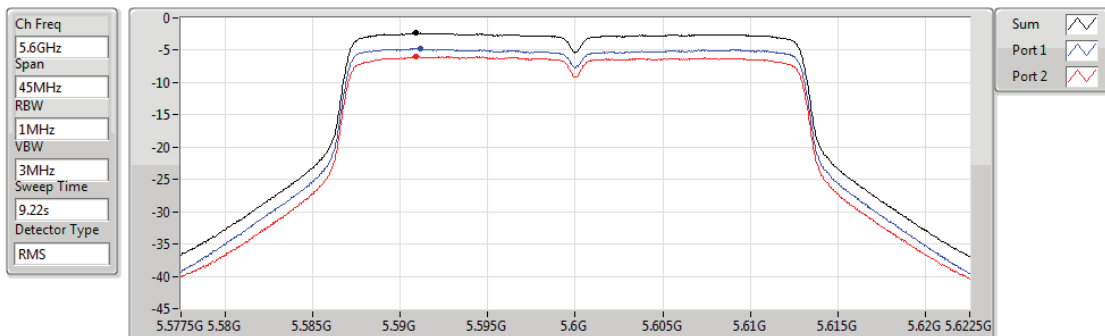
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -11.58   | -11.58   | -14.25   | -14.92   |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

PSD

5600MHz

03/11/2017



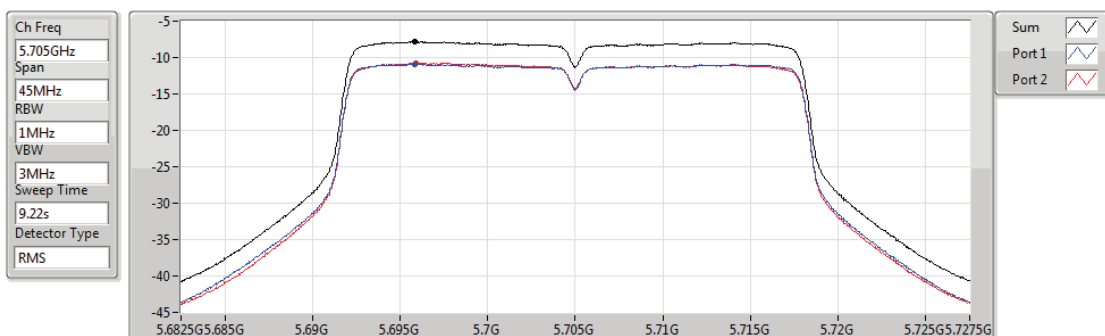
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.33    | -2.33    | -4.75    | -6.02    |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

PSD

5705MHz

06/11/2017



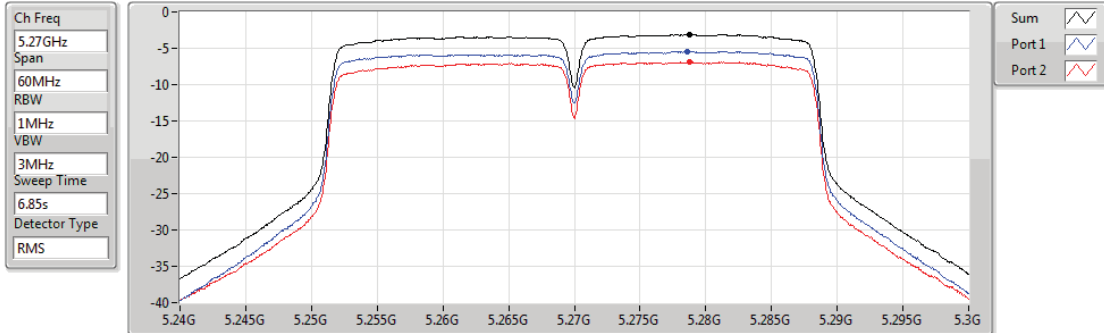
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -7.79    | -7.79    | -10.88   | -10.72   |

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

5270MHz

PSD

06/11/2017



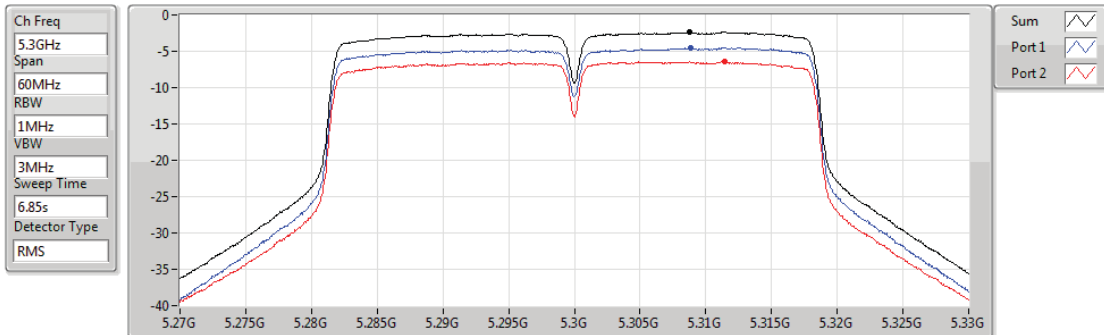
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -3.09     | -3.09     | -5.45     | -6.87     |

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

5300MHz

PSD

03/11/2017



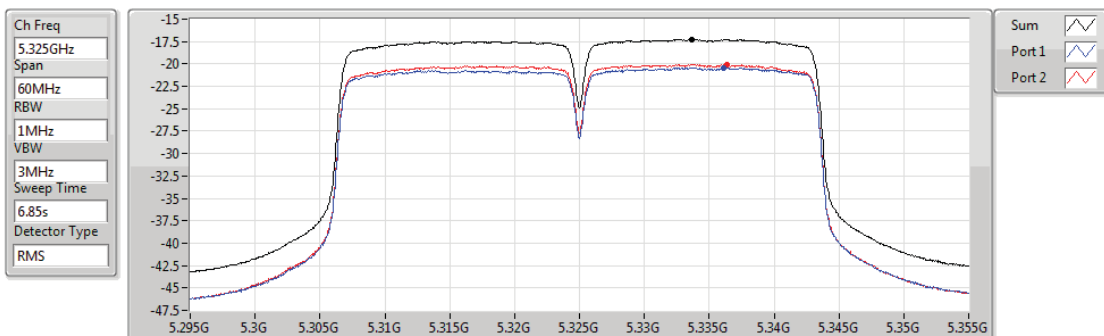
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.39     | -2.39     | -4.52     | -6.41     |

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

5325MHz

PSD

06/11/2017



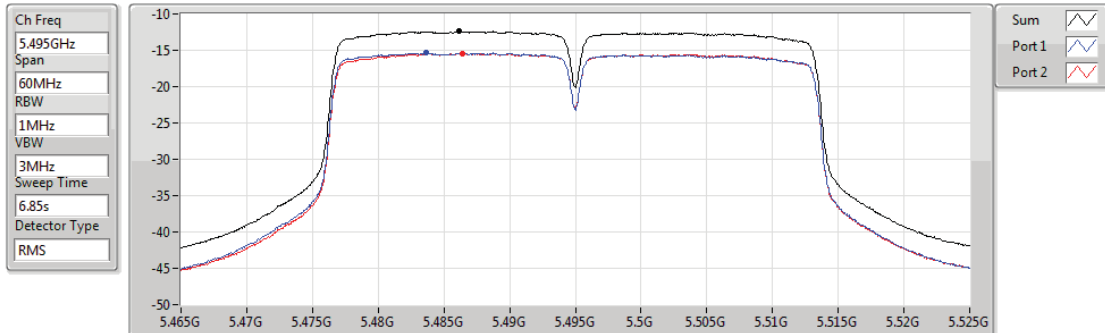
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -17.25    | -17.25    | -20.43    | -20.05    |

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

### PSD

5495MHz

06/11/2017



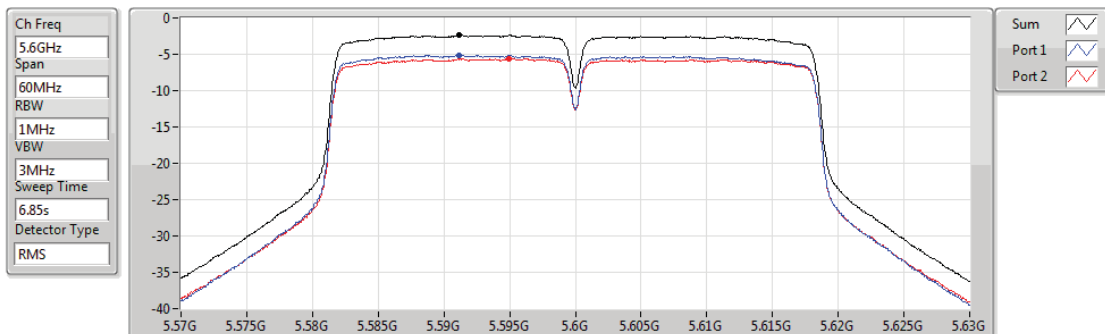
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -12.40       | -12.40       | -15.37       | -15.41       |

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

### PSD

5600MHz

03/11/2017



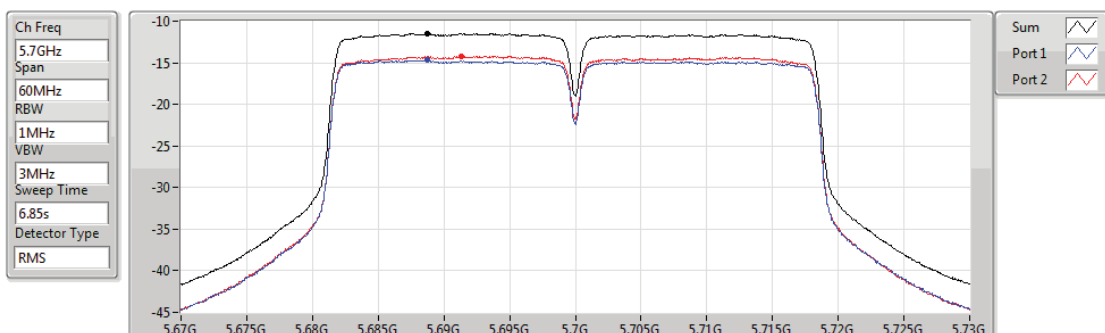
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -2.38        | -2.38        | -5.13        | -5.60        |

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

### PSD

5700MHz

06/11/2017



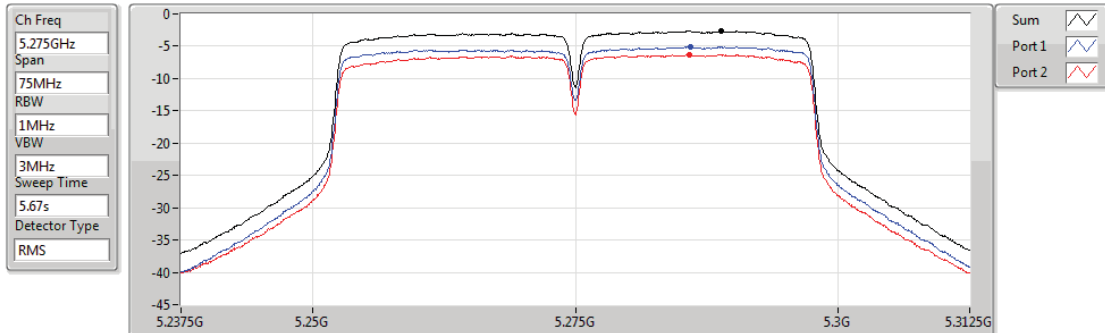
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -11.47       | -11.47       | -14.71       | -14.21       |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

PSD

5275MHz

06/11/2017



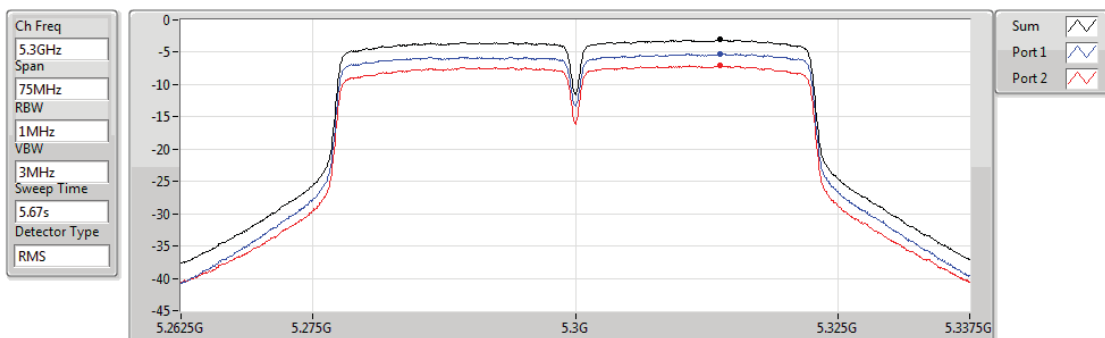
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.66    | -2.66    | -5.09    | -6.29    |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

PSD

5300MHz

03/11/2017



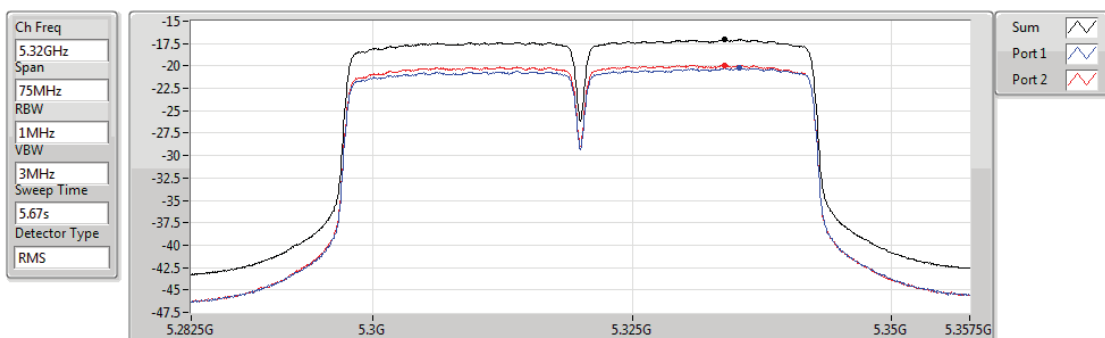
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.05    | -3.05    | -5.25    | -7.06    |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

PSD

5320MHz

06/11/2017



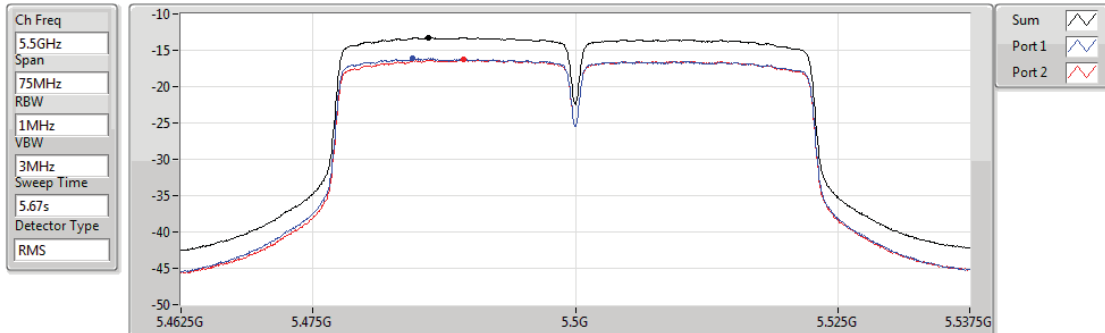
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -17.05   | -17.05   | -20.19   | -19.89   |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

PSD

5500MHz

06/11/2017



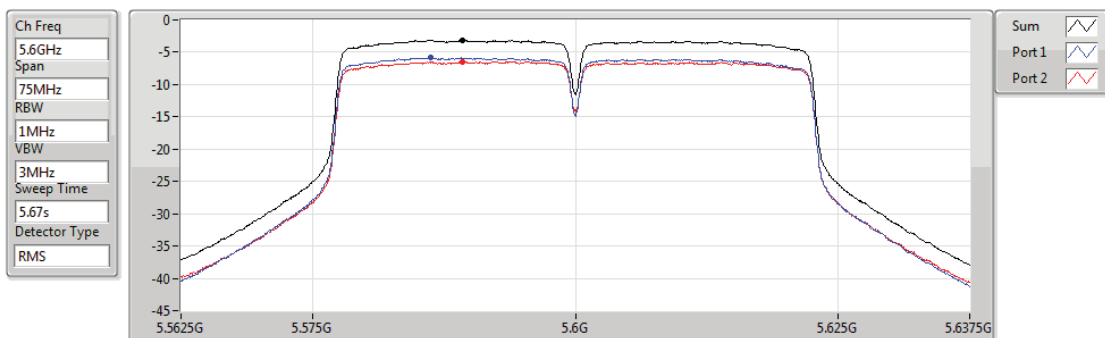
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -13.24   | -13.24   | -16.11   | -16.28   |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

PSD

5600MHz

03/11/2017



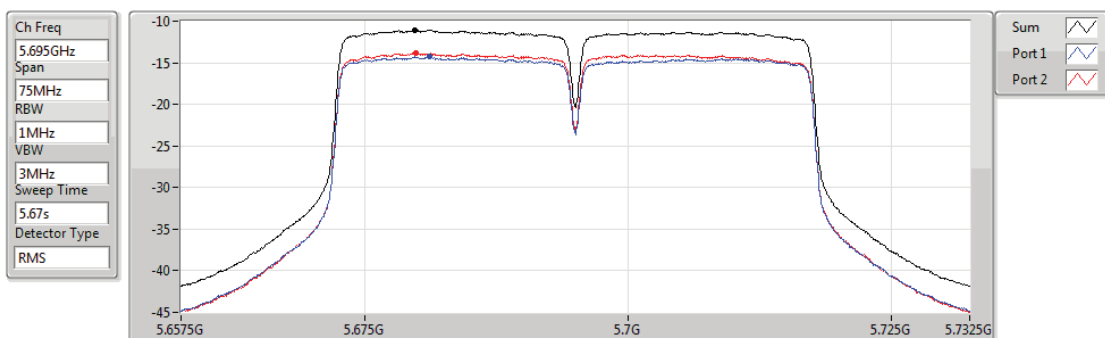
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.16    | -3.16    | -5.82    | -6.44    |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

PSD

5695MHz

06/11/2017



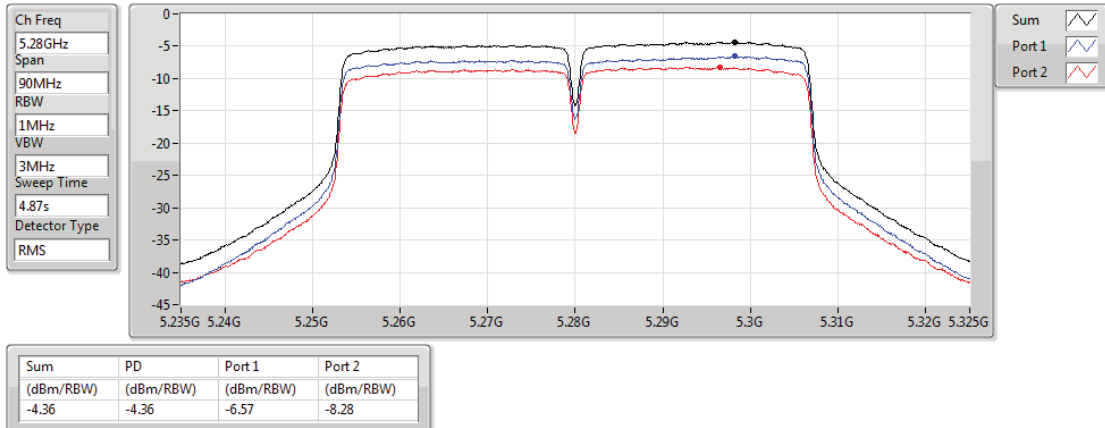
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -11.06   | -11.06   | -14.29   | -13.82   |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

PSD

5280MHz

06/11/2017

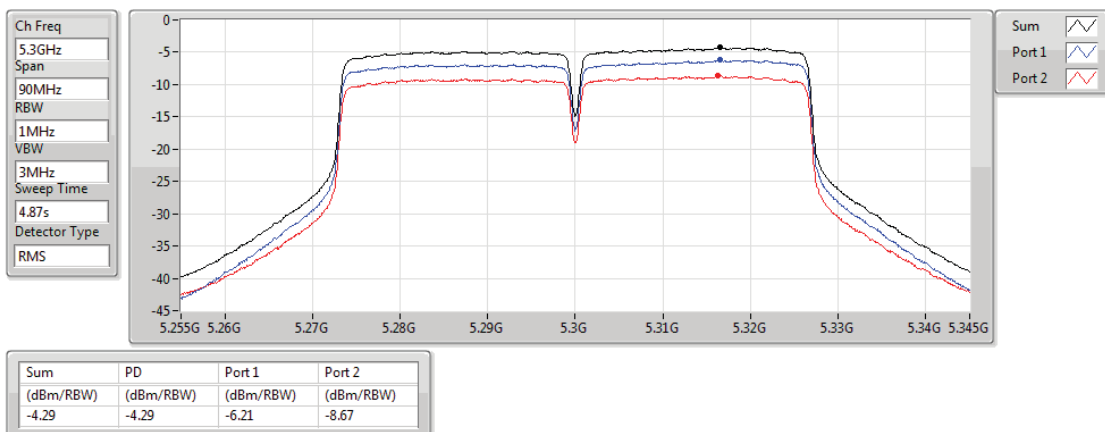


### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

PSD

5300MHz

03/11/2017

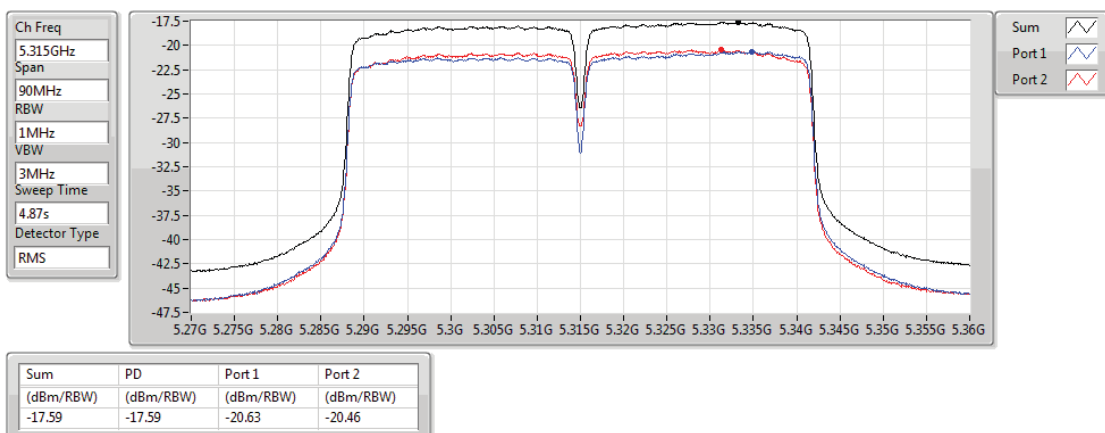


### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

PSD

5315MHz

06/11/2017

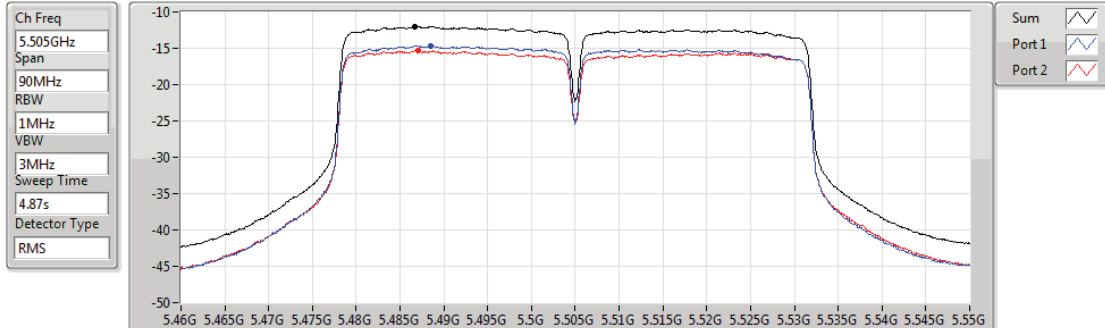


### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

PSD

5505MHz

06/11/2017



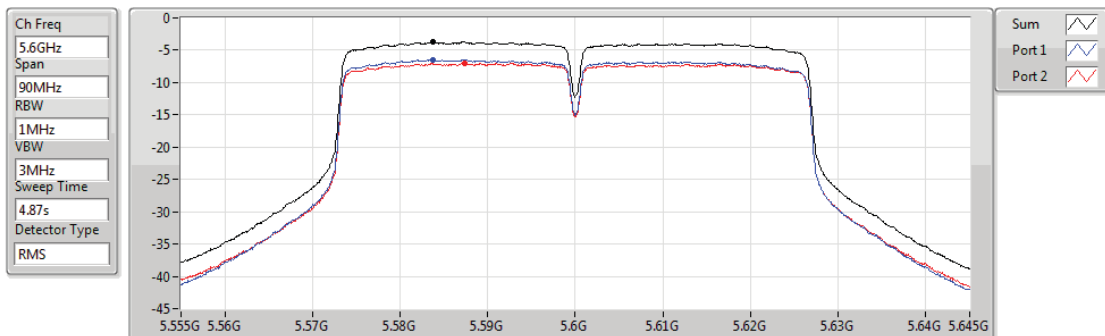
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -12.01       | -12.01       | -14.67       | -15.34       |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

PSD

5600MHz

03/11/2017



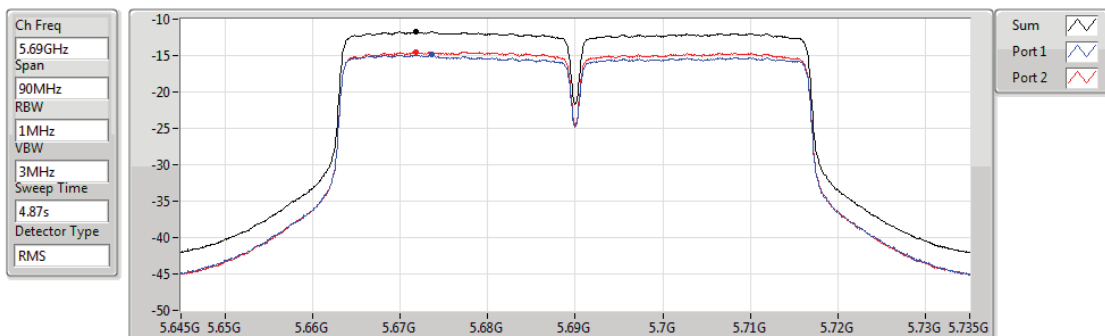
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -3.72        | -3.72        | -6.44        | -6.98        |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

PSD

5690MHz

06/11/2017



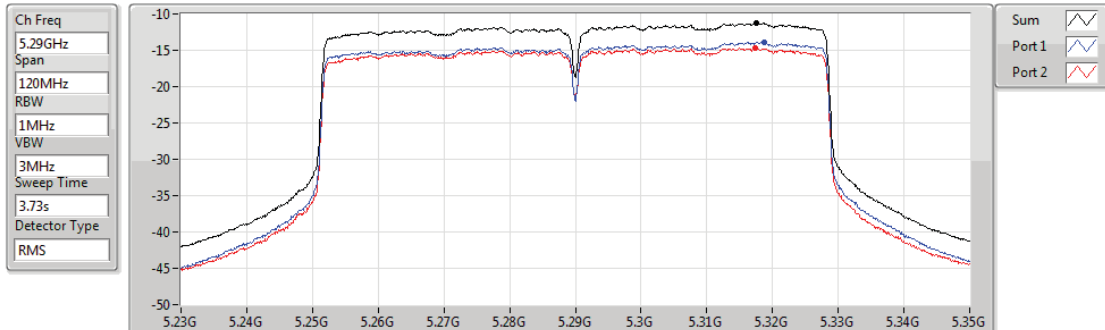
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -11.71       | -11.71       | -14.92       | -14.46       |

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

PSD

5290MHz

06/11/2017



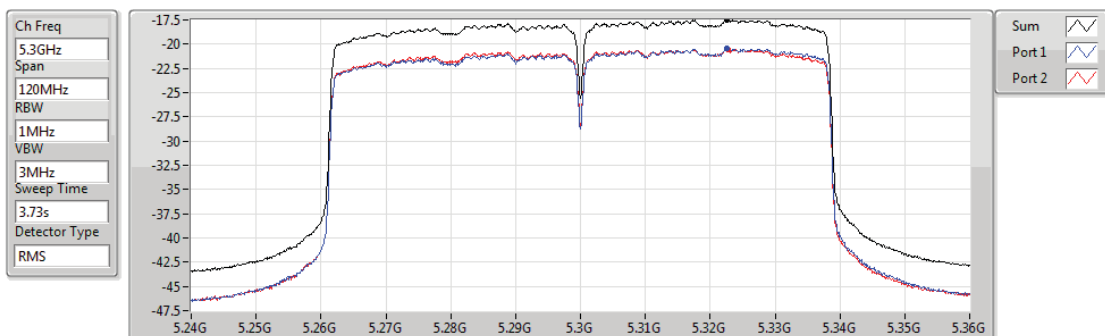
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -11.28   | -11.28   | -13.89   | -14.73   |

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

PSD

5300MHz

03/11/2017



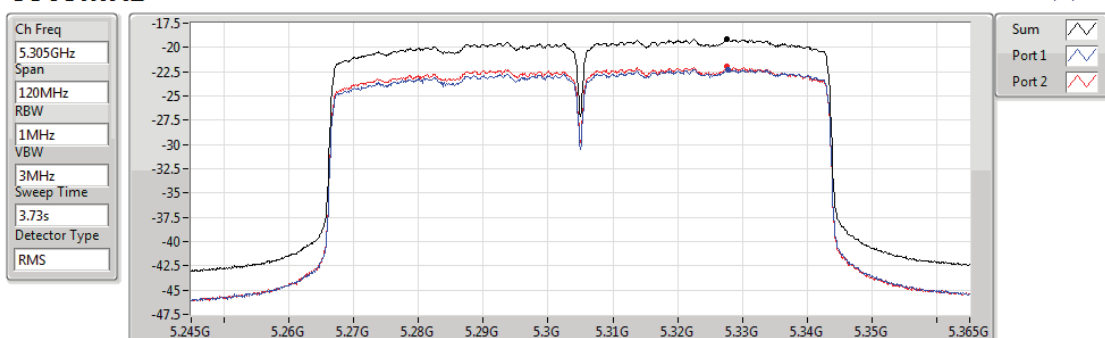
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -17.52   | -17.52   | -20.47   | -20.52   |

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

PSD

5305MHz

06/11/2017



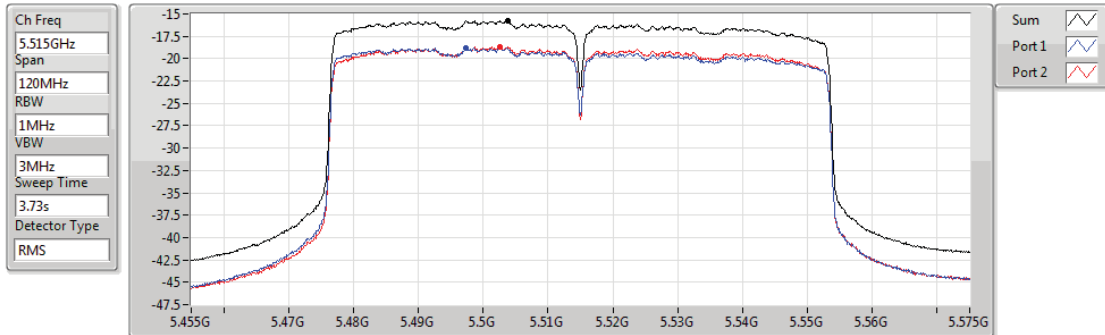
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -19.13   | -19.13   | -22.29   | -21.95   |

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

### PSD

5515MHz

06/11/2017



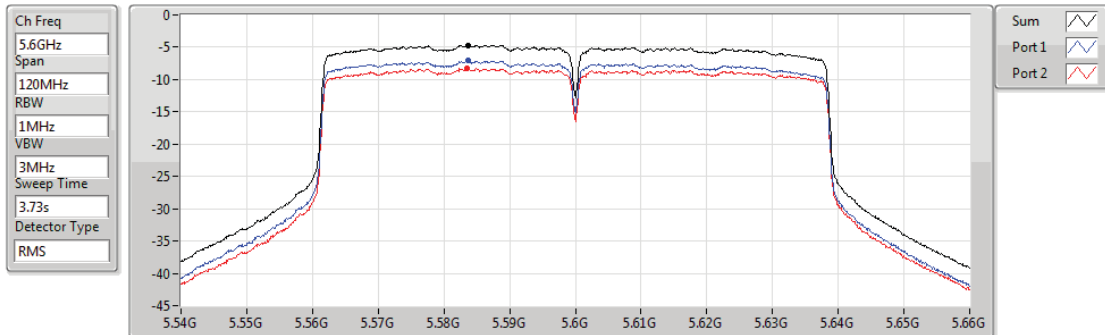
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -15.79       | -15.79       | -18.85       | -18.70       |

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

### PSD

5600MHz

03/11/2017



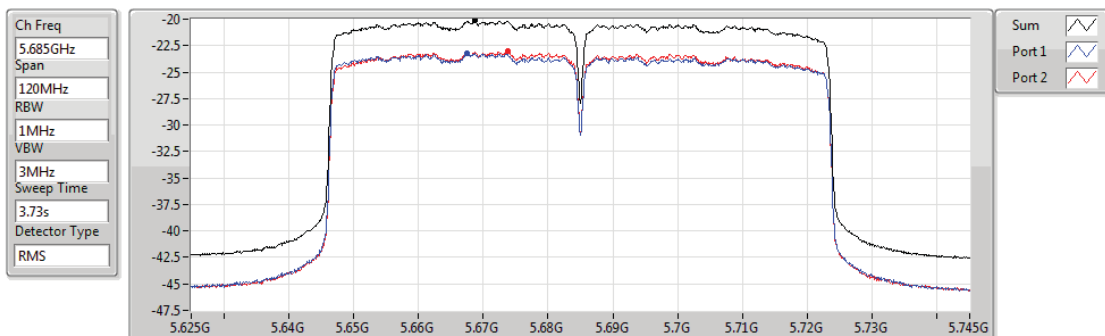
| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -4.69        | -4.69        | -7.10        | -8.31        |

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

### PSD

5685MHz

06/11/2017



| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -20.16       | -20.16       | -23.26       | -23.06       |

**Summary**

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.25-5.35GHz                   | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | Pass   | AV   | 5.3502G      | 53.43             | 54.00             | -0.57          | 5.06           | 3           | Horizontal | 346            | 1.02          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass   | PK   | 10.5225G     | 67.97             | 68.20             | -0.23          | 15.52          | 3           | Vertical   | 147            | 3.63          | -        |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | Pass   | AV   | 5.3502G      | 53.80             | 54.00             | -0.20          | 5.06           | 3           | Horizontal | 352            | 1.50          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass   | AV   | 5.3502G      | 53.41             | 54.00             | -0.59          | 5.06           | 3           | Horizontal | 347            | 1.10          | -        |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | Pass   | AV   | 5.352G       | 53.81             | 54.00             | -0.19          | 5.06           | 3           | Horizontal | 5              | 1.02          | -        |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | Pass   | AV   | 5.3508G      | 53.80             | 54.00             | -0.20          | 5.06           | 3           | Horizontal | 357            | 1.04          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.351G       | 53.74             | 54.00             | -0.26          | 5.06           | 3           | Vertical   | 318            | 1.00          | -        |
| 5.47-5.725GHz                  | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11ac VHT10_Nss1,(MCS0)_2TX | Pass   | PK   | 5.4696G      | 67.63             | 68.20             | -0.57          | 5.22           | 3           | Horizontal | 345            | 1.04          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass   | PK   | 5.466G       | 67.94             | 68.20             | -0.26          | 5.22           | 3           | Vertical   | 357            | 1.01          | -        |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | Pass   | PK   | 5.463G       | 68.00             | 68.20             | -0.20          | 5.21           | 3           | Horizontal | 358            | 2.46          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass   | PK   | 5.469G       | 68.04             | 68.20             | -0.16          | 5.22           | 3           | Vertical   | 360            | 1.50          | -        |
| 802.11ac VHT50_Nss1,(MCS0)_2TX | Pass   | PK   | 5.7254G      | 68.04             | 68.20             | -0.16          | 5.83           | 3           | Vertical   | 333            | 1.03          | -        |
| 802.11ac VHT60_Nss1,(MCS0)_2TX | Pass   | PK   | 5.7264G      | 67.73             | 68.20             | -0.47          | 5.84           | 3           | Horizontal | 326            | 1.50          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | Pass   | PK   | 5.4698G      | 67.95             | 68.20             | -0.25          | 5.22           | 3           | Vertical   | 320            | 1.18          | -        |

**Result**

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ac VHT10_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5255MHz                        | Pass   | AV   | 5.1494G      | 49.89             | 54.00             | -4.11          | 4.79           | 3           | Horizontal | 348            | 1.19          | -        |
| 5255MHz                        | Pass   | AV   | 5.2538G      | 116.75            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 348            | 1.19          | -        |
| 5255MHz                        | Pass   | AV   | 5.351G       | 51.65             | 54.00             | -2.35          | 5.06           | 3           | Horizontal | 348            | 1.19          | -        |
| 5255MHz                        | Pass   | PK   | 5.1494G      | 69.71             | 74.00             | -4.29          | 4.79           | 3           | Horizontal | 348            | 1.19          | -        |
| 5255MHz                        | Pass   | PK   | 5.2532G      | 126.22            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 348            | 1.19          | -        |
| 5255MHz                        | Pass   | PK   | 5.3522G      | 73.02             | 74.00             | -0.98          | 5.06           | 3           | Horizontal | 348            | 1.19          | -        |
| 5255MHz                        | Pass   | AV   | 5.1296G      | 48.60             | 54.00             | -5.40          | 4.76           | 3           | Vertical   | 345            | 1.01          | -        |
| 5255MHz                        | Pass   | AV   | 5.2532G      | 113.99            | Inf               | -Inf           | 4.93           | 3           | Vertical   | 345            | 1.01          | -        |
| 5255MHz                        | Pass   | AV   | 5.3522G      | 50.65             | 54.00             | -3.35          | 5.06           | 3           | Vertical   | 345            | 1.01          | -        |
| 5255MHz                        | Pass   | PK   | 5.1482G      | 66.28             | 74.00             | -7.72          | 4.79           | 3           | Vertical   | 345            | 1.01          | -        |
| 5255MHz                        | Pass   | PK   | 5.2568G      | 122.89            | Inf               | -Inf           | 4.93           | 3           | Vertical   | 345            | 1.01          | -        |
| 5255MHz                        | Pass   | PK   | 5.3636G      | 70.78             | 74.00             | -3.22          | 5.08           | 3           | Vertical   | 345            | 1.01          | -        |
| 5255MHz                        | Pass   | AV   | 10.5106G     | 49.08             | 54.00             | -4.92          | 15.50          | 3           | Horizontal | 143            | 1.00          | -        |
| 5255MHz                        | Pass   | PK   | 10.5117G     | 59.39             | 74.00             | -14.61         | 15.50          | 3           | Horizontal | 143            | 1.00          | -        |
| 5255MHz                        | Pass   | PK   | 10.511G      | 67.06             | 68.20             | -1.14          | 15.50          | 3           | Vertical   | 148            | 3.63          | -        |
| 5300MHz                        | Pass   | AV   | 5.3032G      | 110.95            | Inf               | -Inf           | 4.99           | 3           | Horizontal | 355            | 1.05          | -        |
| 5300MHz                        | Pass   | AV   | 5.3552G      | 46.49             | 54.00             | -7.51          | 5.07           | 3           | Horizontal | 355            | 1.05          | -        |
| 5300MHz                        | Pass   | PK   | 5.3024G      | 122.19            | Inf               | -Inf           | 4.99           | 3           | Horizontal | 355            | 1.05          | -        |
| 5300MHz                        | Pass   | PK   | 5.3544G      | 72.86             | 74.00             | -1.14          | 5.07           | 3           | Horizontal | 355            | 1.05          | -        |
| 5300MHz                        | Pass   | AV   | 5.2988G      | 108.31            | Inf               | -Inf           | 4.99           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | AV   | 5.3736G      | 46.14             | 54.00             | -7.86          | 5.09           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | PK   | 5.2992G      | 119.76            | Inf               | -Inf           | 4.99           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | PK   | 5.3516G      | 71.49             | 74.00             | -2.51          | 5.06           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | AV   | 10.6006G     | 48.42             | 54.00             | -5.58          | 15.80          | 3           | Horizontal | 172            | 1.01          | -        |
| 5300MHz                        | Pass   | PK   | 10.59964G    | 58.93             | 74.00             | -15.07         | 15.79          | 3           | Horizontal | 172            | 1.01          | -        |
| 5300MHz                        | Pass   | AV   | 10.60006G    | 49.31             | 54.00             | -4.69          | 15.79          | 3           | Vertical   | 177            | 1.17          | -        |
| 5300MHz                        | Pass   | PK   | 10.59922G    | 60.28             | 74.00             | -13.72         | 15.79          | 3           | Vertical   | 177            | 1.17          | -        |
| 5340MHz                        | Pass   | AV   | 5.3384G      | 95.61             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 346            | 1.02          | -        |
| 5340MHz                        | Pass   | AV   | 5.3502G      | 53.43             | 54.00             | -0.57          | 5.06           | 3           | Horizontal | 346            | 1.02          | -        |
| 5340MHz                        | Pass   | PK   | 5.3392G      | 105.08            | Inf               | -Inf           | 5.04           | 3           | Horizontal | 346            | 1.02          | -        |
| 5340MHz                        | Pass   | PK   | 5.3504G      | 69.73             | 74.00             | -4.27          | 5.06           | 3           | Horizontal | 346            | 1.02          | -        |
| 5340MHz                        | Pass   | AV   | 5.3434G      | 93.65             | Inf               | -Inf           | 5.05           | 3           | Vertical   | 342            | 1.00          | -        |
| 5340MHz                        | Pass   | AV   | 5.3502G      | 51.22             | 54.00             | -2.78          | 5.06           | 3           | Vertical   | 342            | 1.00          | -        |
| 5340MHz                        | Pass   | PK   | 5.3418G      | 102.70            | Inf               | -Inf           | 5.05           | 3           | Vertical   | 342            | 1.00          | -        |
| 5340MHz                        | Pass   | PK   | 5.3504G      | 67.25             | 74.00             | -6.75          | 5.06           | 3           | Vertical   | 342            | 1.00          | -        |
| 5340MHz                        | Pass   | AV   | 10.7001G     | 46.12             | 54.00             | -7.88          | 15.91          | 3           | Horizontal | 304            | 1.21          | -        |
| 5340MHz                        | Pass   | PK   | 10.6597G     | 57.23             | 74.00             | -16.77         | 15.82          | 3           | Horizontal | 304            | 1.21          | -        |
| 5340MHz                        | Pass   | AV   | 10.685G      | 46.14             | 54.00             | -7.86          | 15.88          | 3           | Vertical   | 360            | 3.38          | -        |
| 5340MHz                        | Pass   | PK   | 10.6629G     | 57.15             | 74.00             | -16.85         | 15.83          | 3           | Vertical   | 360            | 3.38          | -        |
| 5480MHz                        | Pass   | AV   | 5.4582G      | 47.32             | 54.00             | -6.68          | 5.21           | 3           | Horizontal | 345            | 1.04          | -        |
| 5480MHz                        | Pass   | AV   | 5.479G       | 93.60             | Inf               | -Inf           | 5.23           | 3           | Horizontal | 345            | 1.04          | -        |
| 5480MHz                        | Pass   | PK   | 5.4592G      | 63.42             | 74.00             | -10.58         | 5.21           | 3           | Horizontal | 345            | 1.04          | -        |
| 5480MHz                        | Pass   | PK   | 5.4696G      | 67.63             | 68.20             | -0.57          | 5.22           | 3           | Horizontal | 345            | 1.04          | -        |
| 5480MHz                        | Pass   | PK   | 5.4788G      | 103.13            | Inf               | -Inf           | 5.23           | 3           | Horizontal | 345            | 1.04          | -        |
| 5480MHz                        | Pass   | AV   | 5.4554G      | 47.34             | 54.00             | -6.66          | 5.20           | 3           | Vertical   | 342            | 1.07          | -        |
| 5480MHz                        | Pass   | AV   | 5.4832G      | 91.62             | Inf               | -Inf           | 5.24           | 3           | Vertical   | 342            | 1.07          | -        |
| 5480MHz                        | Pass   | PK   | 5.4596G      | 61.25             | 74.00             | -12.75         | 5.21           | 3           | Vertical   | 342            | 1.07          | -        |



## RSE TX above 1GHz Result

## Appendix D

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5480MHz                        | Pass   | PK   | 5.4698G      | 64.84             | 68.20             | -3.36          | 5.22           | 3           | Vertical   | 342            | 1.07          | -        |
| 5480MHz                        | Pass   | PK   | 5.4826G      | 100.46            | Inf               | -Inf           | 5.24           | 3           | Vertical   | 342            | 1.07          | -        |
| 5480MHz                        | Pass   | AV   | 10.9441G     | 46.73             | 54.00             | -7.27          | 16.45          | 3           | Horizontal | 112            | 1.72          | -        |
| 5480MHz                        | Pass   | PK   | 10.9835G     | 57.77             | 74.00             | -16.23         | 16.53          | 3           | Horizontal | 112            | 1.72          | -        |
| 5480MHz                        | Pass   | AV   | 10.9663G     | 46.67             | 54.00             | -7.33          | 16.50          | 3           | Vertical   | 232            | 2.38          | -        |
| 5480MHz                        | Pass   | PK   | 10.9657G     | 57.69             | 74.00             | -16.31         | 16.49          | 3           | Vertical   | 232            | 2.38          | -        |
| 5600MHz                        | Pass   | AV   | 5.439G       | 47.10             | 54.00             | -6.90          | 5.18           | 3           | Horizontal | 0              | 1.11          | -        |
| 5600MHz                        | Pass   | AV   | 5.602G       | 111.99            | Inf               | -Inf           | 5.52           | 3           | Horizontal | 0              | 1.11          | -        |
| 5600MHz                        | Pass   | PK   | 5.455G       | 67.32             | 74.00             | -6.68          | 5.20           | 3           | Horizontal | 0              | 1.11          | -        |
| 5600MHz                        | Pass   | PK   | 5.466G       | 67.16             | 68.20             | -1.04          | 5.22           | 3           | Horizontal | 0              | 1.11          | -        |
| 5600MHz                        | Pass   | PK   | 5.601G       | 123.96            | Inf               | -Inf           | 5.51           | 3           | Horizontal | 0              | 1.11          | -        |
| 5600MHz                        | Pass   | PK   | 5.731G       | 65.65             | 68.20             | -2.55          | 5.85           | 3           | Horizontal | 0              | 1.11          | -        |
| 5600MHz                        | Pass   | AV   | 5.443G       | 47.84             | 54.00             | -6.16          | 5.19           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | AV   | 5.603G       | 111.06            | Inf               | -Inf           | 5.52           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 5.429G       | 66.23             | 74.00             | -7.77          | 5.17           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 5.461G       | 67.05             | 68.20             | -1.15          | 5.21           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 5.602G       | 122.59            | Inf               | -Inf           | 5.52           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 5.73G        | 65.46             | 68.20             | -2.74          | 5.85           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | AV   | 11.1994G     | 52.49             | 54.00             | -1.51          | 16.43          | 3           | Horizontal | 171            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 11.20024G    | 63.35             | 74.00             | -10.65         | 16.43          | 3           | Horizontal | 171            | 1.01          | -        |
| 5600MHz                        | Pass   | AV   | 11.1994G     | 52.34             | 54.00             | -1.66          | 16.43          | 3           | Vertical   | 167            | 1.04          | -        |
| 5600MHz                        | Pass   | PK   | 11.19994G    | 62.06             | 74.00             | -11.94         | 16.43          | 3           | Vertical   | 167            | 1.04          | -        |
| 5715MHz                        | Pass   | AV   | 5.7162G      | 94.03             | Inf               | -Inf           | 5.81           | 3           | Horizontal | 345            | 1.02          | -        |
| 5715MHz                        | Pass   | PK   | 5.7158G      | 103.59            | Inf               | -Inf           | 5.81           | 3           | Horizontal | 345            | 1.02          | -        |
| 5715MHz                        | Pass   | PK   | 5.7252G      | 67.32             | 68.20             | -0.88          | 5.83           | 3           | Horizontal | 345            | 1.02          | -        |
| 5715MHz                        | Pass   | AV   | 5.7188G      | 93.07             | Inf               | -Inf           | 5.82           | 3           | Vertical   | 340            | 1.02          | -        |
| 5715MHz                        | Pass   | PK   | 5.7176G      | 102.17            | Inf               | -Inf           | 5.81           | 3           | Vertical   | 340            | 1.02          | -        |
| 5715MHz                        | Pass   | PK   | 5.7256G      | 66.62             | 68.20             | -1.58          | 5.83           | 3           | Vertical   | 340            | 1.02          | -        |
| 5715MHz                        | Pass   | AV   | 11.4519G     | 46.72             | 54.00             | -7.28          | 15.99          | 3           | Horizontal | 49             | 2.33          | -        |
| 5715MHz                        | Pass   | PK   | 11.4232G     | 57.39             | 74.00             | -16.61         | 16.03          | 3           | Horizontal | 49             | 2.33          | -        |
| 5715MHz                        | Pass   | AV   | 11.4371G     | 46.93             | 54.00             | -7.07          | 16.01          | 3           | Vertical   | 359            | 2.49          | -        |
| 5715MHz                        | Pass   | PK   | 11.4106G     | 57.30             | 74.00             | -16.70         | 16.04          | 3           | Vertical   | 359            | 2.49          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5260MHz                        | Pass   | AV   | 5.1478G      | 48.68             | 54.00             | -5.32          | 4.79           | 3           | Horizontal | 339            | 1.00          | -        |
| 5260MHz                        | Pass   | AV   | 5.257G       | 114.72            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 339            | 1.00          | -        |
| 5260MHz                        | Pass   | AV   | 5.3506G      | 50.09             | 54.00             | -3.91          | 5.06           | 3           | Horizontal | 339            | 1.00          | -        |
| 5260MHz                        | Pass   | PK   | 5.1478G      | 67.41             | 74.00             | -6.59          | 4.79           | 3           | Horizontal | 339            | 1.00          | -        |
| 5260MHz                        | Pass   | PK   | 5.2558G      | 123.15            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 339            | 1.00          | -        |
| 5260MHz                        | Pass   | PK   | 5.3506G      | 70.55             | 74.00             | -3.45          | 5.06           | 3           | Horizontal | 339            | 1.00          | -        |
| 5260MHz                        | Pass   | AV   | 5.149G       | 49.05             | 54.00             | -4.95          | 4.79           | 3           | Vertical   | 339            | 1.09          | -        |
| 5260MHz                        | Pass   | AV   | 5.266G       | 113.72            | Inf               | -Inf           | 4.95           | 3           | Vertical   | 339            | 1.09          | -        |
| 5260MHz                        | Pass   | AV   | 5.3524G      | 52.13             | 54.00             | -1.87          | 5.06           | 3           | Vertical   | 339            | 1.09          | -        |
| 5260MHz                        | Pass   | PK   | 5.1496G      | 65.50             | 74.00             | -8.50          | 4.79           | 3           | Vertical   | 339            | 1.09          | -        |
| 5260MHz                        | Pass   | PK   | 5.2666G      | 121.79            | Inf               | -Inf           | 4.95           | 3           | Vertical   | 339            | 1.09          | -        |
| 5260MHz                        | Pass   | PK   | 5.3506G      | 70.91             | 74.00             | -3.09          | 5.06           | 3           | Vertical   | 339            | 1.09          | -        |
| 5260MHz                        | Pass   | AV   | 15.7733G     | 52.39             | 54.00             | -1.61          | 16.34          | 3           | Horizontal | 87             | 3.25          | -        |
| 5260MHz                        | Pass   | PK   | 10.5204G     | 65.57             | 68.20             | -2.63          | 15.52          | 3           | Horizontal | 87             | 3.26          | -        |
| 5260MHz                        | Pass   | PK   | 15.7742G     | 63.84             | 74.00             | -10.16         | 16.34          | 3           | Horizontal | 87             | 3.25          | -        |
| 5260MHz                        | Pass   | AV   | 15.7755G     | 50.28             | 54.00             | -3.72          | 16.34          | 3           | Vertical   | 148            | 3.65          | -        |



## RSE TX above 1GHz Result

## Appendix D

| Mode    | Result | 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) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5260MHz | Pass   | PK   | 10.5225G     | 67.97             | 68.20             | -0.23          | 15.52          | 3           | Vertical   | 147            | 3.63          | -        |
| 5260MHz | Pass   | PK   | 15.7823G     | 61.40             | 74.00             | -12.60         | 16.31          | 3           | Vertical   | 148            | 3.65          | -        |
| 5300MHz | Pass   | AV   | 5.3048G      | 113.04            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 357            | 2.57          | -        |
| 5300MHz | Pass   | AV   | 5.3504G      | 50.26             | 54.00             | -3.74          | 5.06           | 3           | Horizontal | 357            | 2.57          | -        |
| 5300MHz | Pass   | PK   | 5.296G       | 123.40            | Inf               | -Inf           | 4.98           | 3           | Horizontal | 357            | 2.57          | -        |
| 5300MHz | Pass   | PK   | 5.3504G      | 73.17             | 74.00             | -0.83          | 5.06           | 3           | Horizontal | 357            | 2.57          | -        |
| 5300MHz | Pass   | AV   | 5.2952G      | 109.42            | Inf               | -Inf           | 4.98           | 3           | Vertical   | 358            | 1.02          | -        |
| 5300MHz | Pass   | AV   | 5.3504G      | 49.24             | 54.00             | -4.76          | 5.06           | 3           | Vertical   | 358            | 1.02          | -        |
| 5300MHz | Pass   | PK   | 5.294G       | 120.00            | Inf               | -Inf           | 4.98           | 3           | Vertical   | 358            | 1.02          | -        |
| 5300MHz | Pass   | PK   | 5.3524G      | 70.77             | 74.00             | -3.23          | 5.06           | 3           | Vertical   | 358            | 1.02          | -        |
| 5300MHz | Pass   | AV   | 10.6018G     | 49.78             | 54.00             | -4.22          | 15.80          | 3           | Horizontal | 167            | 1.02          | -        |
| 5300MHz | Pass   | PK   | 10.60012G    | 61.19             | 74.00             | -12.81         | 15.79          | 3           | Horizontal | 167            | 1.02          | -        |
| 5300MHz | Pass   | AV   | 10.60126G    | 51.09             | 54.00             | -2.91          | 15.80          | 3           | Vertical   | 166            | 1.05          | -        |
| 5300MHz | Pass   | PK   | 10.59976G    | 62.38             | 74.00             | -11.62         | 15.79          | 3           | Vertical   | 166            | 1.05          | -        |
| 5335MHz | Pass   | AV   | 5.332G       | 87.98             | Inf               | -Inf           | 5.03           | 3           | Horizontal | 339            | 1.02          | -        |
| 5335MHz | Pass   | AV   | 5.3502G      | 53.10             | 54.00             | -0.90          | 5.06           | 3           | Horizontal | 339            | 1.02          | -        |
| 5335MHz | Pass   | PK   | 5.3324G      | 95.97             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 339            | 1.02          | -        |
| 5335MHz | Pass   | PK   | 5.3506G      | 65.03             | 74.00             | -8.97          | 5.06           | 3           | Horizontal | 339            | 1.02          | -        |
| 5335MHz | Pass   | AV   | 5.3404G      | 85.66             | Inf               | -Inf           | 5.05           | 3           | Vertical   | 339            | 1.05          | -        |
| 5335MHz | Pass   | AV   | 5.3502G      | 50.55             | 54.00             | -3.45          | 5.06           | 3           | Vertical   | 339            | 1.05          | -        |
| 5335MHz | Pass   | PK   | 5.339G       | 93.21             | Inf               | -Inf           | 5.04           | 3           | Vertical   | 339            | 1.05          | -        |
| 5335MHz | Pass   | PK   | 5.3504G      | 60.84             | 74.00             | -13.16         | 5.06           | 3           | Vertical   | 339            | 1.05          | -        |
| 5335MHz | Pass   | AV   | 10.6884G     | 46.67             | 54.00             | -7.33          | 15.89          | 3           | Horizontal | 308            | 1.68          | -        |
| 5335MHz | Pass   | PK   | 10.6674G     | 57.42             | 74.00             | -16.58         | 15.84          | 3           | Horizontal | 308            | 1.68          | -        |
| 5335MHz | Pass   | AV   | 10.6947G     | 46.60             | 54.00             | -7.40          | 15.90          | 3           | Vertical   | 125            | 1.78          | -        |
| 5335MHz | Pass   | PK   | 10.6729G     | 57.24             | 74.00             | -16.76         | 15.85          | 3           | Vertical   | 125            | 1.78          | -        |
| 5485MHz | Pass   | AV   | 5.4594G      | 47.09             | 54.00             | -6.91          | 5.21           | 3           | Horizontal | 339            | 1.00          | -        |
| 5485MHz | Pass   | AV   | 5.492G       | 89.94             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 339            | 1.00          | -        |
| 5485MHz | Pass   | PK   | 5.457G       | 58.42             | 74.00             | -15.58         | 5.20           | 3           | Horizontal | 339            | 1.00          | -        |
| 5485MHz | Pass   | PK   | 5.4698G      | 67.79             | 68.20             | -0.41          | 5.22           | 3           | Horizontal | 339            | 1.00          | -        |
| 5485MHz | Pass   | PK   | 5.4902G      | 98.07             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 339            | 1.00          | -        |
| 5485MHz | Pass   | AV   | 5.4404G      | 47.39             | 54.00             | -6.61          | 5.18           | 3           | Vertical   | 336            | 1.00          | -        |
| 5485MHz | Pass   | AV   | 5.48G        | 88.15             | Inf               | -Inf           | 5.23           | 3           | Vertical   | 336            | 1.00          | -        |
| 5485MHz | Pass   | PK   | 5.4558G      | 58.82             | 74.00             | -15.18         | 5.20           | 3           | Vertical   | 336            | 1.00          | -        |
| 5485MHz | Pass   | PK   | 5.4696G      | 64.15             | 68.20             | -4.05          | 5.22           | 3           | Vertical   | 336            | 1.00          | -        |
| 5485MHz | Pass   | PK   | 5.4802G      | 95.83             | Inf               | -Inf           | 5.23           | 3           | Vertical   | 336            | 1.00          | -        |
| 5485MHz | Pass   | AV   | 10.96748G    | 46.74             | 54.00             | -7.26          | 16.50          | 3           | Horizontal | 238            | 2.07          | -        |
| 5485MHz | Pass   | PK   | 10.97312G    | 58.23             | 74.00             | -15.77         | 16.51          | 3           | Horizontal | 238            | 2.07          | -        |
| 5485MHz | Pass   | AV   | 10.982G      | 46.68             | 54.00             | -7.32          | 16.53          | 3           | Vertical   | 42             | 1.40          | -        |
| 5485MHz | Pass   | PK   | 10.96544G    | 57.51             | 74.00             | -16.49         | 16.49          | 3           | Vertical   | 42             | 1.40          | -        |
| 5600MHz | Pass   | AV   | 5.446G       | 47.40             | 54.00             | -6.60          | 5.19           | 3           | Horizontal | 1              | 2.56          | -        |
| 5600MHz | Pass   | AV   | 5.6065G      | 112.09            | Inf               | -Inf           | 5.53           | 3           | Horizontal | 1              | 2.56          | -        |
| 5600MHz | Pass   | PK   | 5.4595G      | 66.82             | 74.00             | -7.18          | 5.21           | 3           | Horizontal | 1              | 2.56          | -        |
| 5600MHz | Pass   | PK   | 5.4635G      | 66.94             | 68.20             | -1.26          | 5.21           | 3           | Horizontal | 1              | 2.56          | -        |
| 5600MHz | Pass   | PK   | 5.596G       | 122.92            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 1              | 2.56          | -        |
| 5600MHz | Pass   | PK   | 5.7285G      | 65.05             | 68.20             | -3.15          | 5.84           | 3           | Horizontal | 1              | 2.56          | -        |
| 5600MHz | Pass   | AV   | 5.433G       | 47.51             | 54.00             | -6.49          | 5.17           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz | Pass   | AV   | 5.605G       | 112.45            | Inf               | -Inf           | 5.52           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.455G       | 67.77             | 74.00             | -6.23          | 5.20           | 3           | Vertical   | 357            | 1.01          | -        |

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5600MHz                        | Pass   | PK   | 5.466G       | 67.94             | 68.20             | -0.26          | 5.22           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 5.6015G      | 123.75            | Inf               | -Inf           | 5.51           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 5.741G       | 66.77             | 68.20             | -1.43          | 5.87           | 3           | Vertical   | 357            | 1.01          | -        |
| 5600MHz                        | Pass   | AV   | 11.19844G    | 53.61             | 54.00             | -0.39          | 16.44          | 3           | Horizontal | 176            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 11.19838G    | 65.36             | 74.00             | -8.64          | 16.44          | 3           | Horizontal | 176            | 1.01          | -        |
| 5600MHz                        | Pass   | AV   | 11.19868G    | 52.35             | 54.00             | -1.65          | 16.44          | 3           | Vertical   | 170            | 1.13          | -        |
| 5600MHz                        | Pass   | PK   | 11.19694G    | 63.78             | 74.00             | -10.22         | 16.44          | 3           | Vertical   | 170            | 1.13          | -        |
| 5710MHz                        | Pass   | AV   | 5.7032G      | 89.83             | Inf               | -Inf           | 5.78           | 3           | Horizontal | 336            | 1.00          | -        |
| 5710MHz                        | Pass   | PK   | 5.7044G      | 98.28             | Inf               | -Inf           | 5.78           | 3           | Horizontal | 336            | 1.00          | -        |
| 5710MHz                        | Pass   | PK   | 5.7252G      | 67.35             | 68.20             | -0.85          | 5.83           | 3           | Horizontal | 336            | 1.00          | -        |
| 5710MHz                        | Pass   | AV   | 5.7056G      | 88.84             | Inf               | -Inf           | 5.78           | 3           | Vertical   | 332            | 1.06          | -        |
| 5710MHz                        | Pass   | PK   | 5.7048G      | 96.60             | Inf               | -Inf           | 5.78           | 3           | Vertical   | 332            | 1.06          | -        |
| 5710MHz                        | Pass   | PK   | 5.7252G      | 65.20             | 68.20             | -3.00          | 5.83           | 3           | Vertical   | 332            | 1.06          | -        |
| 5710MHz                        | Pass   | AV   | 11.42594G    | 46.23             | 54.00             | -7.77          | 16.02          | 3           | Horizontal | 264            | 1.79          | -        |
| 5710MHz                        | Pass   | PK   | 11.42654G    | 57.20             | 74.00             | -16.80         | 16.02          | 3           | Horizontal | 264            | 1.79          | -        |
| 5710MHz                        | Pass   | AV   | 11.40698G    | 46.21             | 54.00             | -7.79          | 16.05          | 3           | Vertical   | 214            | 1.18          | -        |
| 5710MHz                        | Pass   | PK   | 11.41016G    | 57.23             | 74.00             | -16.77         | 16.04          | 3           | Vertical   | 214            | 1.18          | -        |
| 802.11ac VHT30_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5265MHz                        | Pass   | AV   | 5.1486G      | 50.03             | 54.00             | -3.97          | 4.79           | 3           | Horizontal | 356            | 2.65          | -        |
| 5265MHz                        | Pass   | AV   | 5.274G       | 112.91            | Inf               | -Inf           | 4.96           | 3           | Horizontal | 356            | 2.65          | -        |
| 5265MHz                        | Pass   | AV   | 5.3556G      | 53.63             | 54.00             | -0.37          | 5.07           | 3           | Horizontal | 356            | 2.65          | -        |
| 5265MHz                        | Pass   | PK   | 5.1444G      | 63.26             | 74.00             | -10.74         | 4.78           | 3           | Horizontal | 356            | 2.65          | -        |
| 5265MHz                        | Pass   | PK   | 5.2704G      | 120.63            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 356            | 2.65          | -        |
| 5265MHz                        | Pass   | PK   | 5.3502G      | 68.59             | 74.00             | -5.41          | 5.06           | 3           | Horizontal | 356            | 2.65          | -        |
| 5265MHz                        | Pass   | AV   | 5.148G       | 48.59             | 54.00             | -5.41          | 4.79           | 3           | Vertical   | 355            | 1.22          | -        |
| 5265MHz                        | Pass   | AV   | 5.2734G      | 109.80            | Inf               | -Inf           | 4.96           | 3           | Vertical   | 355            | 1.22          | -        |
| 5265MHz                        | Pass   | AV   | 5.3514G      | 53.44             | 54.00             | -0.56          | 5.06           | 3           | Vertical   | 355            | 1.22          | -        |
| 5265MHz                        | Pass   | PK   | 5.1438G      | 61.58             | 74.00             | -12.42         | 4.78           | 3           | Vertical   | 355            | 1.22          | -        |
| 5265MHz                        | Pass   | PK   | 5.277G       | 117.22            | Inf               | -Inf           | 4.96           | 3           | Vertical   | 355            | 1.22          | -        |
| 5265MHz                        | Pass   | PK   | 5.3514G      | 67.63             | 74.00             | -6.37          | 5.06           | 3           | Vertical   | 355            | 1.22          | -        |
| 5265MHz                        | Pass   | AV   | 10.5318G     | 52.07             | 54.00             | -1.93          | 15.54          | 3           | Horizontal | 79             | 3.23          | -        |
| 5265MHz                        | Pass   | AV   | 15.8069G     | 50.05             | 54.00             | -3.95          | 16.23          | 3           | Horizontal | 82             | 3.43          | -        |
| 5265MHz                        | Pass   | PK   | 10.5358G     | 63.69             | 74.00             | -10.31         | 15.55          | 3           | Horizontal | 79             | 3.23          | -        |
| 5265MHz                        | Pass   | PK   | 15.8068G     | 61.07             | 74.00             | -12.93         | 16.23          | 3           | Horizontal | 82             | 3.43          | -        |
| 5265MHz                        | Pass   | AV   | 15.7746G     | 48.11             | 54.00             | -5.89          | 16.34          | 3           | Vertical   | 82             | 3.34          | -        |
| 5265MHz                        | Pass   | PK   | 10.5313G     | 67.78             | 68.20             | -0.42          | 15.54          | 3           | Vertical   | 149            | 3.61          | -        |
| 5265MHz                        | Pass   | PK   | 15.811G      | 59.81             | 74.00             | -14.19         | 16.21          | 3           | Vertical   | 82             | 3.34          | -        |
| 5300MHz                        | Pass   | AV   | 5.3096G      | 110.04            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 360            | 1.01          | -        |
| 5300MHz                        | Pass   | AV   | 5.3504G      | 52.38             | 54.00             | -1.62          | 5.06           | 3           | Horizontal | 360            | 1.01          | -        |
| 5300MHz                        | Pass   | PK   | 5.31G        | 120.32            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 360            | 1.01          | -        |
| 5300MHz                        | Pass   | PK   | 5.3524G      | 71.86             | 74.00             | -2.14          | 5.06           | 3           | Horizontal | 360            | 1.01          | -        |
| 5300MHz                        | Pass   | AV   | 5.3072G      | 107.46            | Inf               | -Inf           | 5.00           | 3           | Vertical   | 356            | 1.03          | -        |
| 5300MHz                        | Pass   | AV   | 5.3504G      | 51.30             | 54.00             | -2.70          | 5.06           | 3           | Vertical   | 356            | 1.03          | -        |
| 5300MHz                        | Pass   | PK   | 5.3028G      | 117.62            | Inf               | -Inf           | 4.99           | 3           | Vertical   | 356            | 1.03          | -        |
| 5300MHz                        | Pass   | PK   | 5.3512G      | 70.72             | 74.00             | -3.28          | 5.06           | 3           | Vertical   | 356            | 1.03          | -        |
| 5300MHz                        | Pass   | AV   | 10.60108G    | 47.65             | 54.00             | -6.35          | 15.80          | 3           | Horizontal | 180            | 1.03          | -        |
| 5300MHz                        | Pass   | PK   | 10.60618G    | 58.40             | 74.00             | -15.60         | 15.81          | 3           | Horizontal | 180            | 1.03          | -        |
| 5300MHz                        | Pass   | AV   | 10.6015G     | 49.66             | 54.00             | -4.34          | 15.80          | 3           | Vertical   | 178            | 1.01          | -        |
| 5300MHz                        | Pass   | PK   | 10.60366G    | 60.44             | 74.00             | -13.56         | 15.80          | 3           | Vertical   | 178            | 1.01          | -        |



## RSE TX above 1GHz Result

## Appendix D

| Mode    | Result | 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) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5330MHz | Pass   | AV   | 5.3378G      | 86.10             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 352            | 1.50          | -        |
| 5330MHz | Pass   | AV   | 5.3502G      | 53.80             | 54.00             | -0.20          | 5.06           | 3           | Horizontal | 352            | 1.50          | -        |
| 5330MHz | Pass   | PK   | 5.338G       | 93.45             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 352            | 1.50          | -        |
| 5330MHz | Pass   | PK   | 5.3502G      | 63.72             | 74.00             | -10.28         | 5.06           | 3           | Horizontal | 352            | 1.50          | -        |
| 5330MHz | Pass   | AV   | 5.3198G      | 84.06             | Inf               | -Inf           | 5.02           | 3           | Vertical   | 353            | 1.02          | -        |
| 5330MHz | Pass   | AV   | 5.3502G      | 53.78             | 54.00             | -0.22          | 5.06           | 3           | Vertical   | 353            | 1.02          | -        |
| 5330MHz | Pass   | PK   | 5.327G       | 91.49             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 353            | 1.02          | -        |
| 5330MHz | Pass   | PK   | 5.3504G      | 64.49             | 74.00             | -9.51          | 5.06           | 3           | Vertical   | 353            | 1.02          | -        |
| 5330MHz | Pass   | AV   | 10.64614G    | 47.12             | 54.00             | -6.88          | 15.80          | 3           | Horizontal | 58             | 1.19          | -        |
| 5330MHz | Pass   | PK   | 10.66252G    | 56.86             | 74.00             | -17.14         | 15.83          | 3           | Horizontal | 58             | 1.19          | -        |
| 5330MHz | Pass   | AV   | 10.66756G    | 46.04             | 54.00             | -7.96          | 15.84          | 3           | Vertical   | 336            | 1.21          | -        |
| 5330MHz | Pass   | PK   | 10.64578G    | 57.38             | 74.00             | -16.62         | 15.79          | 3           | Vertical   | 336            | 1.21          | -        |
| 5490MHz | Pass   | AV   | 5.4598G      | 47.78             | 54.00             | -6.22          | 5.21           | 3           | Horizontal | 353            | 1.01          | -        |
| 5490MHz | Pass   | AV   | 5.501G       | 87.68             | Inf               | -Inf           | 5.26           | 3           | Horizontal | 353            | 1.01          | -        |
| 5490MHz | Pass   | PK   | 5.4422G      | 57.12             | 74.00             | -16.88         | 5.18           | 3           | Horizontal | 353            | 1.01          | -        |
| 5490MHz | Pass   | PK   | 5.4698G      | 67.30             | 68.20             | -0.90          | 5.22           | 3           | Horizontal | 353            | 1.01          | -        |
| 5490MHz | Pass   | PK   | 5.4966G      | 95.12             | Inf               | -Inf           | 5.26           | 3           | Horizontal | 353            | 1.01          | -        |
| 5490MHz | Pass   | AV   | 5.455G       | 47.45             | 54.00             | -6.55          | 5.20           | 3           | Vertical   | 350            | 1.05          | -        |
| 5490MHz | Pass   | AV   | 5.4818G      | 85.82             | Inf               | -Inf           | 5.24           | 3           | Vertical   | 350            | 1.05          | -        |
| 5490MHz | Pass   | PK   | 5.4584G      | 57.13             | 74.00             | -16.87         | 5.21           | 3           | Vertical   | 350            | 1.05          | -        |
| 5490MHz | Pass   | PK   | 5.4696G      | 64.82             | 68.20             | -3.38          | 5.22           | 3           | Vertical   | 350            | 1.05          | -        |
| 5490MHz | Pass   | PK   | 5.483G       | 93.49             | Inf               | -Inf           | 5.24           | 3           | Vertical   | 350            | 1.05          | -        |
| 5490MHz | Pass   | AV   | 10.98696G    | 46.77             | 54.00             | -7.23          | 16.54          | 3           | Horizontal | 293            | 1.71          | -        |
| 5490MHz | Pass   | PK   | 10.96776G    | 58.60             | 74.00             | -15.40         | 16.50          | 3           | Horizontal | 293            | 1.71          | -        |
| 5490MHz | Pass   | AV   | 10.98684G    | 46.83             | 54.00             | -7.17          | 16.54          | 3           | Vertical   | 290            | 1.16          | -        |
| 5490MHz | Pass   | PK   | 10.96764G    | 57.54             | 74.00             | -16.46         | 16.50          | 3           | Vertical   | 290            | 1.16          | -        |
| 5600MHz | Pass   | AV   | 5.448G       | 47.93             | 54.00             | -6.07          | 5.19           | 3           | Horizontal | 358            | 2.46          | -        |
| 5600MHz | Pass   | AV   | 5.606G       | 111.57            | Inf               | -Inf           | 5.53           | 3           | Horizontal | 358            | 2.46          | -        |
| 5600MHz | Pass   | PK   | 5.444G       | 67.06             | 74.00             | -6.94          | 5.19           | 3           | Horizontal | 358            | 2.46          | -        |
| 5600MHz | Pass   | PK   | 5.463G       | 68.00             | 68.20             | -0.20          | 5.21           | 3           | Horizontal | 358            | 2.46          | -        |
| 5600MHz | Pass   | PK   | 5.604G       | 121.66            | Inf               | -Inf           | 5.52           | 3           | Horizontal | 358            | 2.46          | -        |
| 5600MHz | Pass   | PK   | 5.734G       | 66.26             | 68.20             | -1.94          | 5.85           | 3           | Horizontal | 358            | 2.46          | -        |
| 5600MHz | Pass   | AV   | 5.434G       | 47.96             | 54.00             | -6.04          | 5.17           | 3           | Vertical   | 352            | 1.01          | -        |
| 5600MHz | Pass   | AV   | 5.595G       | 110.14            | Inf               | -Inf           | 5.50           | 3           | Vertical   | 352            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.458G       | 65.39             | 74.00             | -8.61          | 5.21           | 3           | Vertical   | 352            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.464G       | 65.78             | 68.20             | -2.42          | 5.21           | 3           | Vertical   | 352            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.592G       | 119.89            | Inf               | -Inf           | 5.49           | 3           | Vertical   | 352            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.728G       | 65.41             | 68.20             | -2.79          | 5.84           | 3           | Vertical   | 352            | 1.01          | -        |
| 5600MHz | Pass   | AV   | 11.19856G    | 52.40             | 54.00             | -1.60          | 16.44          | 3           | Horizontal | 175            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 11.197G      | 64.19             | 74.00             | -9.81          | 16.44          | 3           | Horizontal | 175            | 1.01          | -        |
| 5600MHz | Pass   | AV   | 11.19832G    | 51.01             | 54.00             | -2.99          | 16.44          | 3           | Vertical   | 173            | 1.04          | -        |
| 5600MHz | Pass   | PK   | 11.1946G     | 61.97             | 74.00             | -12.03         | 16.44          | 3           | Vertical   | 173            | 1.04          | -        |
| 5705MHz | Pass   | AV   | 5.7086G      | 89.57             | Inf               | -Inf           | 5.79           | 3           | Horizontal | 354            | 1.03          | -        |
| 5705MHz | Pass   | PK   | 5.7094G      | 96.79             | Inf               | -Inf           | 5.79           | 3           | Horizontal | 354            | 1.03          | -        |
| 5705MHz | Pass   | PK   | 5.7254G      | 67.45             | 68.20             | -0.75          | 5.83           | 3           | Horizontal | 354            | 1.03          | -        |
| 5705MHz | Pass   | AV   | 5.715G       | 89.90             | Inf               | -Inf           | 5.81           | 3           | Vertical   | 347            | 1.09          | -        |
| 5705MHz | Pass   | PK   | 5.7146G      | 97.20             | Inf               | -Inf           | 5.81           | 3           | Vertical   | 347            | 1.09          | -        |
| 5705MHz | Pass   | PK   | 5.7254G      | 67.52             | 68.20             | -0.68          | 5.83           | 3           | Vertical   | 347            | 1.09          | -        |
| 5705MHz | Pass   | AV   | 11.40946G    | 46.21             | 54.00             | -7.79          | 16.05          | 3           | Horizontal | 205            | 2.39          | -        |

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5705MHz                        | Pass   | PK   | 11.41432G    | 57.52             | 74.00             | -16.48         | 16.04          | 3           | Horizontal | 205            | 2.39          | -        |
| 5705MHz                        | Pass   | AV   | 11.4076G     | 46.12             | 54.00             | -7.88          | 16.05          | 3           | Vertical   | 74             | 2.34          | -        |
| 5705MHz                        | Pass   | PK   | 11.42434G    | 57.11             | 74.00             | -16.89         | 16.03          | 3           | Vertical   | 74             | 2.34          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5270MHz                        | Pass   | AV   | 5.1446G      | 48.65             | 54.00             | -5.35          | 4.78           | 3           | Horizontal | 348            | 1.03          | -        |
| 5270MHz                        | Pass   | AV   | 5.2664G      | 109.55            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 348            | 1.03          | -        |
| 5270MHz                        | Pass   | AV   | 5.3564G      | 52.81             | 54.00             | -1.19          | 5.07           | 3           | Horizontal | 348            | 1.03          | -        |
| 5270MHz                        | Pass   | PK   | 5.1464G      | 63.57             | 74.00             | -10.43         | 4.78           | 3           | Horizontal | 348            | 1.03          | -        |
| 5270MHz                        | Pass   | PK   | 5.2652G      | 116.57            | Inf               | -Inf           | 4.94           | 3           | Horizontal | 348            | 1.03          | -        |
| 5270MHz                        | Pass   | PK   | 5.3546G      | 69.58             | 74.00             | -4.42          | 5.07           | 3           | Horizontal | 348            | 1.03          | -        |
| 5270MHz                        | Pass   | AV   | 5.1362G      | 48.79             | 54.00             | -5.21          | 4.77           | 3           | Vertical   | 346            | 1.02          | -        |
| 5270MHz                        | Pass   | AV   | 5.282G       | 107.78            | Inf               | -Inf           | 4.97           | 3           | Vertical   | 346            | 1.02          | -        |
| 5270MHz                        | Pass   | AV   | 5.3504G      | 53.28             | 54.00             | -0.72          | 5.06           | 3           | Vertical   | 346            | 1.02          | -        |
| 5270MHz                        | Pass   | PK   | 5.1482G      | 62.15             | 74.00             | -11.85         | 4.79           | 3           | Vertical   | 346            | 1.02          | -        |
| 5270MHz                        | Pass   | PK   | 5.2658G      | 115.06            | Inf               | -Inf           | 4.95           | 3           | Vertical   | 346            | 1.02          | -        |
| 5270MHz                        | Pass   | PK   | 5.351G       | 68.99             | 74.00             | -5.01          | 5.06           | 3           | Vertical   | 346            | 1.02          | -        |
| 5270MHz                        | Pass   | AV   | 10.5196G     | 49.72             | 54.00             | -4.28          | 15.52          | 3           | Horizontal | 89             | 3.68          | -        |
| 5270MHz                        | Pass   | PK   | 10.5208G     | 60.09             | 74.00             | -13.91         | 15.52          | 3           | Horizontal | 89             | 3.68          | -        |
| 5270MHz                        | Pass   | AV   | 10.5212G     | 51.76             | 54.00             | -2.24          | 15.52          | 3           | Vertical   | 149            | 3.64          | -        |
| 5270MHz                        | Pass   | PK   | 10.5214G     | 62.85             | 74.00             | -11.15         | 15.52          | 3           | Vertical   | 149            | 3.64          | -        |
| 5300MHz                        | Pass   | AV   | 5.306G       | 102.95            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 357            | 2.39          | -        |
| 5300MHz                        | Pass   | AV   | 5.3504G      | 53.34             | 54.00             | -0.66          | 5.06           | 3           | Horizontal | 357            | 2.39          | -        |
| 5300MHz                        | Pass   | PK   | 5.3028G      | 113.38            | Inf               | -Inf           | 4.99           | 3           | Horizontal | 357            | 2.39          | -        |
| 5300MHz                        | Pass   | PK   | 5.3508G      | 68.66             | 74.00             | -5.34          | 5.06           | 3           | Horizontal | 357            | 2.39          | -        |
| 5300MHz                        | Pass   | AV   | 5.3116G      | 100.95            | Inf               | -Inf           | 5.01           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | AV   | 5.3504G      | 52.67             | 54.00             | -1.33          | 5.06           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | PK   | 5.3128G      | 111.15            | Inf               | -Inf           | 5.01           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | PK   | 5.3508G      | 69.22             | 74.00             | -4.78          | 5.06           | 3           | Vertical   | 355            | 1.00          | -        |
| 5300MHz                        | Pass   | AV   | 10.5789G     | 46.27             | 54.00             | -7.73          | 15.75          | 3           | Horizontal | 182            | 1.05          | -        |
| 5300MHz                        | Pass   | PK   | 10.5795G     | 57.12             | 74.00             | -16.88         | 15.75          | 3           | Horizontal | 182            | 1.05          | -        |
| 5300MHz                        | Pass   | AV   | 10.5806G     | 46.28             | 54.00             | -7.72          | 15.75          | 3           | Vertical   | 183            | 1.03          | -        |
| 5300MHz                        | Pass   | PK   | 10.5951G     | 56.51             | 74.00             | -17.49         | 15.78          | 3           | Vertical   | 183            | 1.03          | -        |
| 5325MHz                        | Pass   | AV   | 5.3224G      | 82.19             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 347            | 1.10          | -        |
| 5325MHz                        | Pass   | AV   | 5.3502G      | 53.41             | 54.00             | -0.59          | 5.06           | 3           | Horizontal | 347            | 1.10          | -        |
| 5325MHz                        | Pass   | PK   | 5.3192G      | 89.87             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 347            | 1.10          | -        |
| 5325MHz                        | Pass   | PK   | 5.3502G      | 63.43             | 74.00             | -10.57         | 5.06           | 3           | Horizontal | 347            | 1.10          | -        |
| 5325MHz                        | Pass   | AV   | 5.3298G      | 79.77             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 345            | 1.09          | -        |
| 5325MHz                        | Pass   | AV   | 5.3502G      | 52.96             | 54.00             | -1.04          | 5.06           | 3           | Vertical   | 345            | 1.09          | -        |
| 5325MHz                        | Pass   | PK   | 5.3324G      | 87.17             | Inf               | -Inf           | 5.04           | 3           | Vertical   | 345            | 1.09          | -        |
| 5325MHz                        | Pass   | PK   | 5.3502G      | 62.40             | 74.00             | -11.60         | 5.06           | 3           | Vertical   | 345            | 1.09          | -        |
| 5325MHz                        | Pass   | AV   | 10.65798G    | 46.00             | 54.00             | -8.00          | 15.82          | 3           | Horizontal | 93             | 2.32          | -        |
| 5325MHz                        | Pass   | PK   | 10.66494G    | 56.58             | 74.00             | -17.42         | 15.84          | 3           | Horizontal | 93             | 2.32          | -        |
| 5325MHz                        | Pass   | AV   | 10.64226G    | 46.02             | 54.00             | -7.98          | 15.79          | 3           | Vertical   | 273            | 2.16          | -        |
| 5325MHz                        | Pass   | PK   | 10.63878G    | 57.05             | 74.00             | -16.95         | 15.78          | 3           | Vertical   | 273            | 2.16          | -        |
| 5495MHz                        | Pass   | AV   | 5.4584G      | 48.59             | 54.00             | -5.41          | 5.21           | 3           | Horizontal | 346            | 1.01          | -        |
| 5495MHz                        | Pass   | AV   | 5.492G       | 87.61             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 346            | 1.01          | -        |
| 5495MHz                        | Pass   | PK   | 5.4594G      | 57.72             | 74.00             | -16.28         | 5.21           | 3           | Horizontal | 346            | 1.01          | -        |
| 5495MHz                        | Pass   | PK   | 5.4698G      | 67.92             | 68.20             | -0.28          | 5.22           | 3           | Horizontal | 346            | 1.01          | -        |
| 5495MHz                        | Pass   | PK   | 5.4892G      | 95.06             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 346            | 1.01          | -        |

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5495MHz                        | Pass   | AV   | 5.46G        | 48.67             | 54.00             | -5.33          | 5.21           | 3           | Vertical   | 344            | 1.12          | -        |
| 5495MHz                        | Pass   | AV   | 5.483G       | 85.37             | Inf               | -Inf           | 5.24           | 3           | Vertical   | 344            | 1.12          | -        |
| 5495MHz                        | Pass   | PK   | 5.4596G      | 57.46             | 74.00             | -16.54         | 5.21           | 3           | Vertical   | 344            | 1.12          | -        |
| 5495MHz                        | Pass   | PK   | 5.4698G      | 66.90             | 68.20             | -1.30          | 5.22           | 3           | Vertical   | 344            | 1.12          | -        |
| 5495MHz                        | Pass   | PK   | 5.5002G      | 92.76             | Inf               | -Inf           | 5.26           | 3           | Vertical   | 344            | 1.12          | -        |
| 5495MHz                        | Pass   | AV   | 10.98934G    | 46.82             | 54.00             | -7.18          | 16.55          | 3           | Horizontal | 290            | 1.60          | -        |
| 5495MHz                        | Pass   | PK   | 10.99528G    | 58.45             | 74.00             | -15.55         | 16.56          | 3           | Horizontal | 290            | 1.60          | -        |
| 5495MHz                        | Pass   | AV   | 11.00152G    | 46.84             | 54.00             | -7.16          | 16.57          | 3           | Vertical   | 101            | 2.00          | -        |
| 5495MHz                        | Pass   | PK   | 11.0035G     | 57.79             | 74.00             | -16.21         | 16.57          | 3           | Vertical   | 101            | 2.00          | -        |
| 5600MHz                        | Pass   | AV   | 5.447G       | 47.58             | 54.00             | -6.42          | 5.19           | 3           | Horizontal | 2              | 2.33          | -        |
| 5600MHz                        | Pass   | AV   | 5.598G       | 108.28            | Inf               | -Inf           | 5.51           | 3           | Horizontal | 2              | 2.33          | -        |
| 5600MHz                        | Pass   | PK   | 5.453G       | 67.45             | 74.00             | -6.55          | 5.20           | 3           | Horizontal | 2              | 2.33          | -        |
| 5600MHz                        | Pass   | PK   | 5.468G       | 66.78             | 68.20             | -1.42          | 5.22           | 3           | Horizontal | 2              | 2.33          | -        |
| 5600MHz                        | Pass   | PK   | 5.597G       | 118.33            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 2              | 2.33          | -        |
| 5600MHz                        | Pass   | PK   | 5.726G       | 65.68             | 68.20             | -2.52          | 5.84           | 3           | Horizontal | 2              | 2.33          | -        |
| 5600MHz                        | Pass   | AV   | 5.456G       | 47.71             | 54.00             | -6.29          | 5.20           | 3           | Vertical   | 360            | 1.50          | -        |
| 5600MHz                        | Pass   | AV   | 5.587G       | 107.85            | Inf               | -Inf           | 5.48           | 3           | Vertical   | 360            | 1.50          | -        |
| 5600MHz                        | Pass   | PK   | 5.459G       | 67.16             | 74.00             | -6.84          | 5.21           | 3           | Vertical   | 360            | 1.50          | -        |
| 5600MHz                        | Pass   | PK   | 5.469G       | 68.04             | 68.20             | -0.16          | 5.22           | 3           | Vertical   | 360            | 1.50          | -        |
| 5600MHz                        | Pass   | PK   | 5.608G       | 118.16            | Inf               | -Inf           | 5.53           | 3           | Vertical   | 360            | 1.50          | -        |
| 5600MHz                        | Pass   | PK   | 5.73G        | 66.48             | 68.20             | -1.72          | 5.85           | 3           | Vertical   | 360            | 1.50          | -        |
| 5600MHz                        | Pass   | AV   | 11.1789G     | 50.53             | 54.00             | -3.47          | 16.46          | 3           | Horizontal | 176            | 1.04          | -        |
| 5600MHz                        | Pass   | PK   | 11.1758G     | 61.44             | 74.00             | -12.56         | 16.46          | 3           | Horizontal | 176            | 1.04          | -        |
| 5600MHz                        | Pass   | AV   | 11.1788G     | 49.92             | 54.00             | -4.08          | 16.46          | 3           | Vertical   | 170            | 1.07          | -        |
| 5600MHz                        | Pass   | PK   | 11.1765G     | 60.97             | 74.00             | -13.03         | 16.46          | 3           | Vertical   | 170            | 1.07          | -        |
| 5700MHz                        | Pass   | AV   | 5.712G       | 86.77             | Inf               | -Inf           | 5.80           | 3           | Horizontal | 346            | 1.00          | -        |
| 5700MHz                        | Pass   | PK   | 5.71G        | 95.24             | Inf               | -Inf           | 5.80           | 3           | Horizontal | 346            | 1.00          | -        |
| 5700MHz                        | Pass   | PK   | 5.7252G      | 67.90             | 68.20             | -0.30          | 5.83           | 3           | Horizontal | 346            | 1.00          | -        |
| 5700MHz                        | Pass   | AV   | 5.6948G      | 86.34             | Inf               | -Inf           | 5.76           | 3           | Vertical   | 340            | 1.05          | -        |
| 5700MHz                        | Pass   | PK   | 5.6948G      | 94.42             | Inf               | -Inf           | 5.76           | 3           | Vertical   | 340            | 1.05          | -        |
| 5700MHz                        | Pass   | PK   | 5.7252G      | 67.23             | 68.20             | -0.97          | 5.83           | 3           | Vertical   | 340            | 1.05          | -        |
| 5700MHz                        | Pass   | AV   | 11.39904G    | 46.17             | 54.00             | -7.83          | 16.06          | 3           | Horizontal | 256            | 1.04          | -        |
| 5700MHz                        | Pass   | PK   | 11.39256G    | 58.00             | 74.00             | -16.00         | 16.07          | 3           | Horizontal | 256            | 1.04          | -        |
| 5700MHz                        | Pass   | AV   | 11.39916G    | 46.20             | 54.00             | -7.80          | 16.06          | 3           | Vertical   | 121            | 2.26          | -        |
| 5700MHz                        | Pass   | PK   | 11.38524G    | 57.16             | 74.00             | -16.84         | 16.08          | 3           | Vertical   | 121            | 2.26          | -        |
| 802.11ac VHT50_Nss1.(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5275MHz                        | Pass   | AV   | 5.1412G      | 48.57             | 54.00             | -5.43          | 4.78           | 3           | Horizontal | 343            | 1.00          | -        |
| 5275MHz                        | Pass   | AV   | 5.2714G      | 106.93            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 343            | 1.00          | -        |
| 5275MHz                        | Pass   | AV   | 5.3554G      | 53.59             | 54.00             | -0.41          | 5.07           | 3           | Horizontal | 343            | 1.00          | -        |
| 5275MHz                        | Pass   | PK   | 5.1322G      | 62.46             | 74.00             | -11.54         | 4.77           | 3           | Horizontal | 343            | 1.00          | -        |
| 5275MHz                        | Pass   | PK   | 5.2696G      | 114.21            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 343            | 1.00          | -        |
| 5275MHz                        | Pass   | PK   | 5.3542G      | 68.63             | 74.00             | -5.37          | 5.07           | 3           | Horizontal | 343            | 1.00          | -        |
| 5275MHz                        | Pass   | AV   | 5.1304G      | 48.62             | 54.00             | -5.38          | 4.76           | 3           | Vertical   | 340            | 1.04          | -        |
| 5275MHz                        | Pass   | AV   | 5.2822G      | 105.94            | Inf               | -Inf           | 4.97           | 3           | Vertical   | 340            | 1.04          | -        |
| 5275MHz                        | Pass   | AV   | 5.3536G      | 53.03             | 54.00             | -0.97          | 5.07           | 3           | Vertical   | 340            | 1.04          | -        |
| 5275MHz                        | Pass   | PK   | 5.1418G      | 61.35             | 74.00             | -12.65         | 4.78           | 3           | Vertical   | 340            | 1.04          | -        |
| 5275MHz                        | Pass   | PK   | 5.281G       | 113.75            | Inf               | -Inf           | 4.97           | 3           | Vertical   | 340            | 1.04          | -        |
| 5275MHz                        | Pass   | PK   | 5.3506G      | 67.24             | 74.00             | -6.76          | 5.06           | 3           | Vertical   | 340            | 1.04          | -        |
| 5275MHz                        | Pass   | AV   | 10.5286G     | 48.09             | 54.00             | -5.91          | 15.54          | 3           | Horizontal | 86             | 3.60          | -        |



## RSE TX above 1GHz Result

## Appendix D

| Mode    | Result | 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) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5275MHz | Pass   | PK   | 10.5314G     | 59.02             | 74.00             | -14.98         | 15.54          | 3           | Horizontal | 86             | 3.60          | -        |
| 5275MHz | Pass   | AV   | 10.5304G     | 48.55             | 54.00             | -5.45          | 15.54          | 3           | Vertical   | 148            | 3.63          | -        |
| 5275MHz | Pass   | PK   | 10.5316G     | 59.72             | 74.00             | -14.28         | 15.54          | 3           | Vertical   | 148            | 3.63          | -        |
| 5300MHz | Pass   | AV   | 5.308G       | 99.17             | Inf               | -Inf           | 5.00           | 3           | Horizontal | 5              | 1.02          | -        |
| 5300MHz | Pass   | AV   | 5.352G       | 53.81             | 54.00             | -0.19          | 5.06           | 3           | Horizontal | 5              | 1.02          | -        |
| 5300MHz | Pass   | PK   | 5.3068G      | 106.82            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 5              | 1.02          | -        |
| 5300MHz | Pass   | PK   | 5.3532G      | 63.58             | 74.00             | -10.42         | 5.06           | 3           | Horizontal | 5              | 1.02          | -        |
| 5300MHz | Pass   | AV   | 5.3124G      | 97.28             | Inf               | -Inf           | 5.01           | 3           | Vertical   | 3              | 1.12          | -        |
| 5300MHz | Pass   | AV   | 5.3516G      | 52.25             | 54.00             | -1.75          | 5.06           | 3           | Vertical   | 3              | 1.12          | -        |
| 5300MHz | Pass   | PK   | 5.3128G      | 104.38            | Inf               | -Inf           | 5.01           | 3           | Vertical   | 3              | 1.12          | -        |
| 5300MHz | Pass   | PK   | 5.3508G      | 62.03             | 74.00             | -11.97         | 5.06           | 3           | Vertical   | 3              | 1.12          | -        |
| 5300MHz | Pass   | AV   | 10.5808G     | 46.10             | 54.00             | -7.90          | 15.75          | 3           | Horizontal | 167            | 1.08          | -        |
| 5300MHz | Pass   | PK   | 10.5966G     | 57.74             | 74.00             | -16.26         | 15.79          | 3           | Horizontal | 167            | 1.08          | -        |
| 5300MHz | Pass   | AV   | 10.6047G     | 46.18             | 54.00             | -7.82          | 15.80          | 3           | Vertical   | 170            | 1.01          | -        |
| 5300MHz | Pass   | PK   | 10.5762G     | 57.55             | 74.00             | -16.45         | 15.74          | 3           | Vertical   | 170            | 1.01          | -        |
| 5320MHz | Pass   | AV   | 5.3174G      | 82.32             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 342            | 1.10          | -        |
| 5320MHz | Pass   | AV   | 5.3506G      | 53.67             | 54.00             | -0.33          | 5.06           | 3           | Horizontal | 342            | 1.10          | -        |
| 5320MHz | Pass   | PK   | 5.3154G      | 89.82             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 342            | 1.10          | -        |
| 5320MHz | Pass   | PK   | 5.3504G      | 63.71             | 74.00             | -10.29         | 5.06           | 3           | Horizontal | 342            | 1.10          | -        |
| 5320MHz | Pass   | AV   | 5.3296G      | 79.64             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 337            | 1.03          | -        |
| 5320MHz | Pass   | AV   | 5.3502G      | 52.42             | 54.00             | -1.58          | 5.06           | 3           | Vertical   | 337            | 1.03          | -        |
| 5320MHz | Pass   | PK   | 5.3262G      | 87.12             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 337            | 1.03          | -        |
| 5320MHz | Pass   | PK   | 5.3508G      | 62.23             | 74.00             | -11.77         | 5.06           | 3           | Vertical   | 337            | 1.03          | -        |
| 5320MHz | Pass   | AV   | 10.65302G    | 46.04             | 54.00             | -7.96          | 15.81          | 3           | Horizontal | 70             | 1.89          | -        |
| 5320MHz | Pass   | PK   | 10.6508G     | 56.50             | 74.00             | -17.50         | 15.81          | 3           | Horizontal | 70             | 1.89          | -        |
| 5320MHz | Pass   | AV   | 10.6517G     | 45.92             | 54.00             | -8.08          | 15.81          | 3           | Vertical   | 118            | 2.23          | -        |
| 5320MHz | Pass   | PK   | 10.6415G     | 56.99             | 74.00             | -17.01         | 15.78          | 3           | Vertical   | 118            | 2.23          | -        |
| 5500MHz | Pass   | AV   | 5.46G        | 49.80             | 54.00             | -4.20          | 5.21           | 3           | Horizontal | 341            | 1.00          | -        |
| 5500MHz | Pass   | AV   | 5.4852G      | 86.56             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 341            | 1.00          | -        |
| 5500MHz | Pass   | PK   | 5.4598G      | 59.91             | 74.00             | -14.09         | 5.21           | 3           | Horizontal | 341            | 1.00          | -        |
| 5500MHz | Pass   | PK   | 5.4696G      | 67.38             | 68.20             | -0.82          | 5.22           | 3           | Horizontal | 341            | 1.00          | -        |
| 5500MHz | Pass   | PK   | 5.4868G      | 94.68             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 341            | 1.00          | -        |
| 5500MHz | Pass   | AV   | 5.4592G      | 48.51             | 54.00             | -5.49          | 5.21           | 3           | Vertical   | 335            | 1.08          | -        |
| 5500MHz | Pass   | AV   | 5.4942G      | 84.54             | Inf               | -Inf           | 5.25           | 3           | Vertical   | 335            | 1.08          | -        |
| 5500MHz | Pass   | PK   | 5.4578G      | 58.01             | 74.00             | -15.99         | 5.21           | 3           | Vertical   | 335            | 1.08          | -        |
| 5500MHz | Pass   | PK   | 5.4698G      | 66.71             | 68.20             | -1.49          | 5.22           | 3           | Vertical   | 335            | 1.08          | -        |
| 5500MHz | Pass   | PK   | 5.4904G      | 92.15             | Inf               | -Inf           | 5.25           | 3           | Vertical   | 335            | 1.08          | -        |
| 5500MHz | Pass   | AV   | 11.00204G    | 46.93             | 54.00             | -7.07          | 16.57          | 3           | Horizontal | 232            | 2.26          | -        |
| 5500MHz | Pass   | PK   | 11.00186G    | 57.44             | 74.00             | -16.56         | 16.57          | 3           | Horizontal | 232            | 2.26          | -        |
| 5500MHz | Pass   | AV   | 10.99232G    | 46.89             | 54.00             | -7.11          | 16.55          | 3           | Vertical   | 216            | 1.02          | -        |
| 5500MHz | Pass   | PK   | 10.99688G    | 57.54             | 74.00             | -16.46         | 16.56          | 3           | Vertical   | 216            | 1.02          | -        |
| 5600MHz | Pass   | AV   | 5.46G        | 52.85             | 54.00             | -1.15          | 5.21           | 3           | Horizontal | 4              | 1.01          | -        |
| 5600MHz | Pass   | AV   | 5.594G       | 110.48            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 4              | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.443G       | 66.69             | 74.00             | -7.31          | 5.19           | 3           | Horizontal | 4              | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.467G       | 68.01             | 68.20             | -0.19          | 5.22           | 3           | Horizontal | 4              | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.597G       | 117.54            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 4              | 1.01          | -        |
| 5600MHz | Pass   | PK   | 5.732G       | 65.48             | 68.20             | -2.72          | 5.85           | 3           | Horizontal | 4              | 1.01          | -        |
| 5600MHz | Pass   | AV   | 5.46G        | 53.37             | 54.00             | -0.63          | 5.21           | 3           | Vertical   | 8              | 1.03          | -        |
| 5600MHz | Pass   | AV   | 5.589G       | 109.04            | Inf               | -Inf           | 5.48           | 3           | Vertical   | 8              | 1.03          | -        |



## RSE TX above 1GHz Result

## Appendix D

| Mode                           | Result | 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) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5600MHz                        | Pass   | PK   | 5.458G       | 67.42             | 74.00             | -6.58          | 5.21           | 3           | Vertical   | 8              | 1.03          | -        |
| 5600MHz                        | Pass   | PK   | 5.465G       | 67.94             | 68.20             | -0.26          | 5.21           | 3           | Vertical   | 8              | 1.03          | -        |
| 5600MHz                        | Pass   | PK   | 5.592G       | 116.22            | Inf               | -Inf           | 5.49           | 3           | Vertical   | 8              | 1.03          | -        |
| 5600MHz                        | Pass   | PK   | 5.729G       | 67.10             | 68.20             | -1.10          | 5.84           | 3           | Vertical   | 8              | 1.03          | -        |
| 5600MHz                        | Pass   | AV   | 11.1785G     | 50.54             | 54.00             | -3.46          | 16.46          | 3           | Horizontal | 171            | 1.01          | -        |
| 5600MHz                        | Pass   | PK   | 11.1804G     | 62.56             | 74.00             | -11.44         | 16.46          | 3           | Horizontal | 171            | 1.01          | -        |
| 5600MHz                        | Pass   | AV   | 11.1787G     | 50.00             | 54.00             | -4.00          | 16.46          | 3           | Vertical   | 169            | 1.05          | -        |
| 5600MHz                        | Pass   | PK   | 11.1786G     | 60.87             | 74.00             | -13.13         | 16.46          | 3           | Vertical   | 169            | 1.05          | -        |
| 5695MHz                        | Pass   | AV   | 5.685G       | 86.81             | Inf               | -Inf           | 5.73           | 3           | Horizontal | 338            | 1.12          | -        |
| 5695MHz                        | Pass   | PK   | 5.7098G      | 94.54             | Inf               | -Inf           | 5.79           | 3           | Horizontal | 338            | 1.12          | -        |
| 5695MHz                        | Pass   | PK   | 5.7254G      | 67.31             | 68.20             | -0.89          | 5.83           | 3           | Horizontal | 338            | 1.12          | -        |
| 5695MHz                        | Pass   | AV   | 5.6886G      | 86.54             | Inf               | -Inf           | 5.74           | 3           | Vertical   | 333            | 1.03          | -        |
| 5695MHz                        | Pass   | PK   | 5.6878G      | 94.31             | Inf               | -Inf           | 5.74           | 3           | Vertical   | 333            | 1.03          | -        |
| 5695MHz                        | Pass   | PK   | 5.7254G      | 68.04             | 68.20             | -0.16          | 5.83           | 3           | Vertical   | 333            | 1.03          | -        |
| 5695MHz                        | Pass   | AV   | 11.40158G    | 46.19             | 54.00             | -7.81          | 16.06          | 3           | Horizontal | 220            | 1.53          | -        |
| 5695MHz                        | Pass   | PK   | 11.39156G    | 56.90             | 74.00             | -17.10         | 16.07          | 3           | Horizontal | 220            | 1.53          | -        |
| 5695MHz                        | Pass   | AV   | 11.3915G     | 46.20             | 54.00             | -7.80          | 16.07          | 3           | Vertical   | 75             | 1.99          | -        |
| 5695MHz                        | Pass   | PK   | 11.38286G    | 57.61             | 74.00             | -16.39         | 16.08          | 3           | Vertical   | 75             | 1.99          | -        |
| 802.11ac VHT60_Nss1.(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5280MHz                        | Pass   | AV   | 5.2916G      | 100.45            | Inf               | -Inf           | 4.98           | 3           | Horizontal | 334            | 1.01          | -        |
| 5280MHz                        | Pass   | AV   | 5.3504G      | 53.03             | 54.00             | -0.97          | 5.06           | 3           | Horizontal | 334            | 1.01          | -        |
| 5280MHz                        | Pass   | PK   | 5.288G       | 108.03            | Inf               | -Inf           | 4.97           | 3           | Horizontal | 334            | 1.01          | -        |
| 5280MHz                        | Pass   | PK   | 5.3508G      | 64.48             | 74.00             | -9.52          | 5.06           | 3           | Horizontal | 334            | 1.01          | -        |
| 5280MHz                        | Pass   | AV   | 5.2988G      | 99.69             | Inf               | -Inf           | 4.99           | 3           | Vertical   | 332            | 1.02          | -        |
| 5280MHz                        | Pass   | AV   | 5.3504G      | 53.76             | 54.00             | -0.24          | 5.06           | 3           | Vertical   | 332            | 1.02          | -        |
| 5280MHz                        | Pass   | PK   | 5.2952G      | 107.06            | Inf               | -Inf           | 4.98           | 3           | Vertical   | 332            | 1.02          | -        |
| 5280MHz                        | Pass   | PK   | 5.3548G      | 64.21             | 74.00             | -9.79          | 5.07           | 3           | Vertical   | 332            | 1.02          | -        |
| 5280MHz                        | Pass   | AV   | 10.57104G    | 46.06             | 54.00             | -7.94          | 15.63          | 3           | Horizontal | 80             | 3.55          | -        |
| 5280MHz                        | Pass   | PK   | 10.55034G    | 57.37             | 74.00             | -16.63         | 15.59          | 3           | Horizontal | 80             | 3.55          | -        |
| 5280MHz                        | Pass   | AV   | 10.5711G     | 46.24             | 54.00             | -7.76          | 15.63          | 3           | Vertical   | 147            | 3.68          | -        |
| 5280MHz                        | Pass   | PK   | 10.5373G     | 57.79             | 74.00             | -16.21         | 15.56          | 3           | Vertical   | 147            | 3.68          | -        |
| 5300MHz                        | Pass   | AV   | 5.3104G      | 95.66             | Inf               | -Inf           | 5.00           | 3           | Horizontal | 357            | 1.04          | -        |
| 5300MHz                        | Pass   | AV   | 5.3508G      | 53.80             | 54.00             | -0.20          | 5.06           | 3           | Horizontal | 357            | 1.04          | -        |
| 5300MHz                        | Pass   | PK   | 5.282G       | 102.47            | Inf               | -Inf           | 4.97           | 3           | Horizontal | 357            | 1.04          | -        |
| 5300MHz                        | Pass   | PK   | 5.3504G      | 62.13             | 74.00             | -11.87         | 5.06           | 3           | Horizontal | 357            | 1.04          | -        |
| 5300MHz                        | Pass   | AV   | 5.3052G      | 92.33             | Inf               | -Inf           | 5.00           | 3           | Vertical   | 357            | 1.01          | -        |
| 5300MHz                        | Pass   | AV   | 5.3504G      | 53.47             | 54.00             | -0.53          | 5.06           | 3           | Vertical   | 357            | 1.01          | -        |
| 5300MHz                        | Pass   | PK   | 5.3068G      | 100.41            | Inf               | -Inf           | 5.00           | 3           | Vertical   | 357            | 1.01          | -        |
| 5300MHz                        | Pass   | PK   | 5.3504G      | 65.38             | 74.00             | -8.62          | 5.06           | 3           | Vertical   | 357            | 1.01          | -        |
| 5300MHz                        | Pass   | AV   | 10.59946G    | 46.11             | 54.00             | -7.89          | 15.79          | 3           | Vertical   | 168            | 1.06          | -        |
| 5300MHz                        | Pass   | AV   | 10.6081G     | 46.08             | 54.00             | -7.92          | 15.81          | 3           | Vertical   | 167            | 1.02          | -        |
| 5300MHz                        | Pass   | PK   | 10.60684G    | 58.65             | 74.00             | -15.35         | 15.81          | 3           | Vertical   | 167            | 1.02          | -        |
| 5300MHz                        | Pass   | PK   | 10.60918G    | 56.79             | 74.00             | -17.21         | 15.81          | 3           | Vertical   | 168            | 1.06          | -        |
| 5315MHz                        | Pass   | AV   | 5.3122G      | 82.05             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 332            | 1.01          | -        |
| 5315MHz                        | Pass   | AV   | 5.3502G      | 53.79             | 54.00             | -0.21          | 5.06           | 3           | Horizontal | 332            | 1.01          | -        |
| 5315MHz                        | Pass   | PK   | 5.3122G      | 89.54             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 332            | 1.01          | -        |
| 5315MHz                        | Pass   | PK   | 5.3502G      | 62.63             | 74.00             | -11.37         | 5.06           | 3           | Horizontal | 332            | 1.01          | -        |
| 5315MHz                        | Pass   | AV   | 5.3258G      | 79.20             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 328            | 1.02          | -        |
| 5315MHz                        | Pass   | AV   | 5.3502G      | 52.40             | 54.00             | -1.60          | 5.06           | 3           | Vertical   | 328            | 1.02          | -        |



## RSE TX above 1GHz Result

## Appendix D

| Mode                          | Result | 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) | Comments |
|-------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5315MHz                       | Pass   | PK   | 5.3274G      | 86.59             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 328            | 1.02          | -        |
| 5315MHz                       | Pass   | PK   | 5.3502G      | 61.49             | 74.00             | -12.51         | 5.06           | 3           | Vertical   | 328            | 1.02          | -        |
| 5315MHz                       | Pass   | AV   | 10.64374G    | 46.00             | 54.00             | -8.00          | 15.79          | 3           | Horizontal | 270            | 1.59          | -        |
| 5315MHz                       | Pass   | PK   | 10.63564G    | 57.08             | 74.00             | -16.92         | 15.77          | 3           | Horizontal | 270            | 1.59          | -        |
| 5315MHz                       | Pass   | AV   | 10.63G       | 45.97             | 54.00             | -8.03          | 15.76          | 3           | Vertical   | 154            | 2.22          | -        |
| 5315MHz                       | Pass   | PK   | 10.61812G    | 56.89             | 74.00             | -17.11         | 15.73          | 3           | Vertical   | 154            | 2.22          | -        |
| 5505MHz                       | Pass   | AV   | 5.4594G      | 50.63             | 54.00             | -3.37          | 5.21           | 3           | Horizontal | 332            | 1.10          | -        |
| 5505MHz                       | Pass   | AV   | 5.4874G      | 86.01             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 332            | 1.10          | -        |
| 5505MHz                       | Pass   | PK   | 5.4586G      | 59.76             | 74.00             | -14.24         | 5.21           | 3           | Horizontal | 332            | 1.10          | -        |
| 5505MHz                       | Pass   | PK   | 5.469G       | 66.06             | 68.20             | -2.14          | 5.22           | 3           | Horizontal | 332            | 1.10          | -        |
| 5505MHz                       | Pass   | PK   | 5.4874G      | 93.41             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 332            | 1.10          | -        |
| 5505MHz                       | Pass   | AV   | 5.459G       | 49.08             | 54.00             | -4.92          | 5.21           | 3           | Vertical   | 324            | 1.00          | -        |
| 5505MHz                       | Pass   | AV   | 5.497G       | 83.78             | Inf               | -Inf           | 5.26           | 3           | Vertical   | 324            | 1.00          | -        |
| 5505MHz                       | Pass   | PK   | 5.459G       | 58.17             | 74.00             | -15.83         | 5.21           | 3           | Vertical   | 324            | 1.00          | -        |
| 5505MHz                       | Pass   | PK   | 5.4698G      | 66.27             | 68.20             | -1.93          | 5.22           | 3           | Vertical   | 324            | 1.00          | -        |
| 5505MHz                       | Pass   | PK   | 5.497G       | 90.97             | Inf               | -Inf           | 5.26           | 3           | Vertical   | 324            | 1.00          | -        |
| 5505MHz                       | Pass   | AV   | 11.0217G     | 46.88             | 54.00             | -7.12          | 16.54          | 3           | Horizontal | 167            | 1.44          | -        |
| 5505MHz                       | Pass   | PK   | 10.99842G    | 57.75             | 74.00             | -16.25         | 16.57          | 3           | Horizontal | 167            | 1.44          | -        |
| 5505MHz                       | Pass   | AV   | 11.00022G    | 46.95             | 54.00             | -7.05          | 16.57          | 3           | Vertical   | 124            | 2.02          | -        |
| 5505MHz                       | Pass   | PK   | 11.02242G    | 58.61             | 74.00             | -15.39         | 16.54          | 3           | Vertical   | 124            | 2.02          | -        |
| 5600MHz                       | Pass   | AV   | 5.46G        | 53.12             | 54.00             | -0.88          | 5.21           | 3           | Horizontal | 359            | 1.09          | -        |
| 5600MHz                       | Pass   | AV   | 5.586G       | 109.84            | Inf               | -Inf           | 5.47           | 3           | Horizontal | 359            | 1.09          | -        |
| 5600MHz                       | Pass   | PK   | 5.457G       | 67.21             | 74.00             | -6.79          | 5.20           | 3           | Horizontal | 360            | 1.50          | -        |
| 5600MHz                       | Pass   | PK   | 5.468G       | 67.30             | 68.20             | -0.90          | 5.22           | 3           | Horizontal | 359            | 1.09          | -        |
| 5600MHz                       | Pass   | PK   | 5.579G       | 117.08            | Inf               | -Inf           | 5.46           | 3           | Horizontal | 359            | 1.09          | -        |
| 5600MHz                       | Pass   | PK   | 5.728G       | 65.96             | 68.20             | -2.24          | 5.84           | 3           | Horizontal | 359            | 1.09          | -        |
| 5600MHz                       | Pass   | AV   | 5.458G       | 51.51             | 54.00             | -2.49          | 5.21           | 3           | Vertical   | 354            | 1.00          | -        |
| 5600MHz                       | Pass   | AV   | 5.593G       | 107.63            | Inf               | -Inf           | 5.49           | 3           | Vertical   | 354            | 1.00          | -        |
| 5600MHz                       | Pass   | PK   | 5.456G       | 65.60             | 74.00             | -8.40          | 5.20           | 3           | Vertical   | 354            | 1.00          | -        |
| 5600MHz                       | Pass   | PK   | 5.467G       | 64.63             | 68.20             | -3.57          | 5.22           | 3           | Vertical   | 354            | 1.00          | -        |
| 5600MHz                       | Pass   | PK   | 5.596G       | 114.71            | Inf               | -Inf           | 5.50           | 3           | Vertical   | 354            | 1.00          | -        |
| 5600MHz                       | Pass   | PK   | 5.728G       | 65.16             | 68.20             | -3.04          | 5.84           | 3           | Vertical   | 354            | 1.00          | -        |
| 5600MHz                       | Pass   | AV   | 11.1781G     | 49.40             | 54.00             | -4.60          | 16.34          | 3           | Horizontal | 174            | 1.09          | -        |
| 5600MHz                       | Pass   | PK   | 11.1786G     | 60.95             | 74.00             | -13.05         | 16.34          | 3           | Horizontal | 174            | 1.09          | -        |
| 5600MHz                       | Pass   | AV   | 11.1782G     | 49.36             | 54.00             | -4.64          | 16.34          | 3           | Vertical   | 171            | 1.02          | -        |
| 5600MHz                       | Pass   | PK   | 11.1794G     | 60.29             | 74.00             | -13.71         | 16.34          | 3           | Vertical   | 171            | 1.02          | -        |
| 5690MHz                       | Pass   | AV   | 5.6868G      | 86.40             | Inf               | -Inf           | 5.74           | 3           | Horizontal | 326            | 1.50          | -        |
| 5690MHz                       | Pass   | PK   | 5.6844G      | 93.71             | Inf               | -Inf           | 5.73           | 3           | Horizontal | 326            | 1.50          | -        |
| 5690MHz                       | Pass   | PK   | 5.7264G      | 67.73             | 68.20             | -0.47          | 5.84           | 3           | Horizontal | 326            | 1.50          | -        |
| 5690MHz                       | Pass   | AV   | 5.71G        | 85.91             | Inf               | -Inf           | 5.80           | 3           | Vertical   | 323            | 1.05          | -        |
| 5690MHz                       | Pass   | PK   | 5.6788G      | 93.55             | Inf               | -Inf           | 5.71           | 3           | Vertical   | 323            | 1.05          | -        |
| 5690MHz                       | Pass   | PK   | 5.7256G      | 67.62             | 68.20             | -0.58          | 5.83           | 3           | Vertical   | 323            | 1.05          | -        |
| 5690MHz                       | Pass   | AV   | 11.3926G     | 46.16             | 54.00             | -7.84          | 16.07          | 3           | Horizontal | 114            | 2.03          | -        |
| 5690MHz                       | Pass   | PK   | 11.39458G    | 57.28             | 74.00             | -16.72         | 16.06          | 3           | Horizontal | 114            | 2.03          | -        |
| 5690MHz                       | Pass   | AV   | 11.3872G     | 46.12             | 54.00             | -7.88          | 16.07          | 3           | Vertical   | 87             | 1.83          | -        |
| 5690MHz                       | Pass   | PK   | 11.38738G    | 56.88             | 74.00             | -17.12         | 16.07          | 3           | Vertical   | 87             | 1.83          | -        |
| 802.11ac VHT80_Nss1(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5290MHz                       | Pass   | AV   | 5.091G       | 48.14             | 54.00             | -5.86          | 4.71           | 3           | Horizontal | 324            | 1.11          | -        |
| 5290MHz                       | Pass   | AV   | 5.307G       | 87.14             | Inf               | -Inf           | 5.00           | 3           | Horizontal | 324            | 1.11          | -        |

| Mode    | Result | 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) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5290MHz | Pass   | AV   | 5.351G       | 53.70             | 54.00             | -0.30          | 5.06           | 3           | Horizontal | 324            | 1.11          | -        |
| 5290MHz | Pass   | PK   | 5.116G       | 57.23             | 74.00             | -16.77         | 4.74           | 3           | Horizontal | 324            | 1.11          | -        |
| 5290MHz | Pass   | PK   | 5.279G       | 95.87             | Inf               | -Inf           | 4.96           | 3           | Horizontal | 324            | 1.11          | -        |
| 5290MHz | Pass   | PK   | 5.351G       | 63.83             | 74.00             | -10.17         | 5.06           | 3           | Horizontal | 324            | 1.11          | -        |
| 5290MHz | Pass   | PK   | 5.518G       | 57.43             | 68.20             | -10.77         | 5.30           | 3           | Horizontal | 324            | 1.11          | -        |
| 5290MHz | Pass   | AV   | 5.117G       | 48.13             | 54.00             | -5.87          | 4.74           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | AV   | 5.315G       | 85.84             | Inf               | -Inf           | 5.01           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | AV   | 5.351G       | 52.26             | 54.00             | -1.74          | 5.06           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | PK   | 5.098G       | 57.91             | 74.00             | -16.09         | 4.72           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | PK   | 5.315G       | 94.51             | Inf               | -Inf           | 5.01           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | PK   | 5.351G       | 61.40             | 74.00             | -12.60         | 5.06           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | PK   | 5.486G       | 57.54             | 68.20             | -10.66         | 5.24           | 3           | Vertical   | 324            | 1.12          | -        |
| 5290MHz | Pass   | AV   | 10.59218G    | 45.98             | 54.00             | -8.02          | 15.68          | 3           | Horizontal | 359            | 1.74          | -        |
| 5290MHz | Pass   | PK   | 10.58816G    | 57.16             | 74.00             | -16.84         | 15.67          | 3           | Horizontal | 359            | 1.74          | -        |
| 5290MHz | Pass   | AV   | 10.57868G    | 46.10             | 54.00             | -7.90          | 15.65          | 3           | Vertical   | 124            | 1.55          | -        |
| 5290MHz | Pass   | PK   | 10.58756G    | 57.22             | 74.00             | -16.78         | 15.67          | 3           | Vertical   | 124            | 1.55          | -        |
| 5300MHz | Pass   | AV   | 5.3188G      | 82.71             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 355            | 1.04          | -        |
| 5300MHz | Pass   | AV   | 5.3512G      | 53.72             | 54.00             | -0.28          | 5.06           | 3           | Horizontal | 355            | 1.04          | -        |
| 5300MHz | Pass   | PK   | 5.2884G      | 91.87             | Inf               | -Inf           | 4.97           | 3           | Horizontal | 355            | 1.04          | -        |
| 5300MHz | Pass   | PK   | 5.3524G      | 64.44             | 74.00             | -9.56          | 5.06           | 3           | Horizontal | 355            | 1.04          | -        |
| 5300MHz | Pass   | AV   | 5.3264G      | 79.68             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 352            | 1.05          | -        |
| 5300MHz | Pass   | AV   | 5.3504G      | 51.61             | 54.00             | -2.39          | 5.06           | 3           | Vertical   | 352            | 1.05          | -        |
| 5300MHz | Pass   | PK   | 5.3292G      | 87.40             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 352            | 1.05          | -        |
| 5300MHz | Pass   | PK   | 5.352G       | 60.28             | 74.00             | -13.72         | 5.06           | 3           | Vertical   | 352            | 1.05          | -        |
| 5300MHz | Pass   | AV   | 10.5959G     | 46.04             | 54.00             | -7.96          | 15.69          | 3           | Horizontal | 165            | 1.08          | -        |
| 5300MHz | Pass   | PK   | 10.596G      | 56.86             | 74.00             | -17.14         | 15.69          | 3           | Horizontal | 165            | 1.08          | -        |
| 5300MHz | Pass   | AV   | 10.6003G     | 45.97             | 54.00             | -8.03          | 15.69          | 3           | Vertical   | 167            | 1.03          | -        |
| 5300MHz | Pass   | PK   | 10.6102G     | 56.84             | 74.00             | -17.16         | 15.72          | 3           | Vertical   | 167            | 1.03          | -        |
| 5305MHz | Pass   | AV   | 5.147G       | 48.24             | 54.00             | -5.76          | 4.79           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | AV   | 5.32G        | 80.09             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | AV   | 5.351G       | 53.45             | 54.00             | -0.55          | 5.06           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | PK   | 5.133G       | 57.96             | 74.00             | -16.04         | 4.77           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | PK   | 5.294G       | 88.77             | Inf               | -Inf           | 4.98           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | PK   | 5.367G       | 57.63             | 74.00             | -16.37         | 5.08           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | PK   | 5.488G       | 57.62             | 68.20             | -10.58         | 5.24           | 3           | Horizontal | 324            | 1.08          | -        |
| 5305MHz | Pass   | AV   | 5.119G       | 48.29             | 54.00             | -5.71          | 4.75           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | AV   | 5.332G       | 77.94             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | AV   | 5.351G       | 53.74             | 54.00             | -0.26          | 5.06           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | PK   | 5.12G        | 57.72             | 74.00             | -16.28         | 4.75           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | PK   | 5.33G        | 84.95             | Inf               | -Inf           | 5.03           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | PK   | 5.351G       | 64.02             | 74.00             | -9.98          | 5.06           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | PK   | 5.527G       | 58.30             | 68.20             | -9.90          | 5.33           | 3           | Vertical   | 318            | 1.00          | -        |
| 5305MHz | Pass   | AV   | 10.60616G    | 46.01             | 54.00             | -7.99          | 15.71          | 3           | Horizontal | 166            | 2.04          | -        |
| 5305MHz | Pass   | PK   | 10.61606G    | 57.15             | 74.00             | -16.85         | 15.73          | 3           | Horizontal | 166            | 2.04          | -        |
| 5305MHz | Pass   | AV   | 10.60052G    | 46.06             | 54.00             | -7.94          | 15.70          | 3           | Vertical   | 233            | 1.86          | -        |
| 5305MHz | Pass   | PK   | 10.60052G    | 56.83             | 74.00             | -17.17         | 15.70          | 3           | Vertical   | 233            | 1.86          | -        |
| 5515MHz | Pass   | AV   | 5.4598G      | 52.50             | 54.00             | -1.50          | 5.21           | 3           | Horizontal | 321            | 1.50          | -        |
| 5515MHz | Pass   | AV   | 5.5026G      | 83.15             | Inf               | -Inf           | 5.27           | 3           | Horizontal | 321            | 1.50          | -        |
| 5515MHz | Pass   | PK   | 5.4578G      | 61.37             | 74.00             | -12.63         | 5.21           | 3           | Horizontal | 321            | 1.50          | -        |



## RSE TX above 1GHz Result

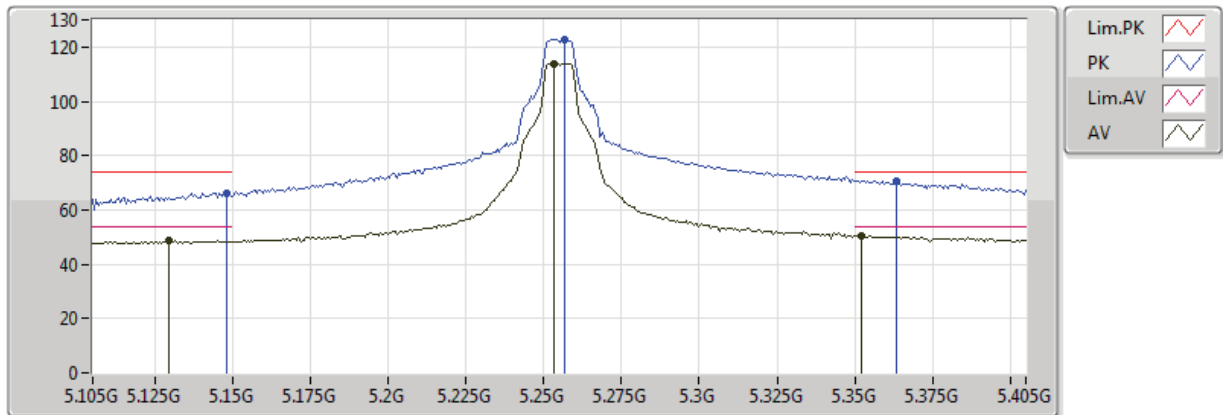
## Appendix D

| Mode    | Result | 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) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5515MHz | Pass   | PK   | 5.4698G      | 67.69             | 68.20             | -0.51          | 5.22           | 3           | Horizontal | 321            | 1.50          | -        |
| 5515MHz | Pass   | PK   | 5.5034G      | 91.72             | Inf               | -Inf           | 5.27           | 3           | Horizontal | 321            | 1.50          | -        |
| 5515MHz | Pass   | AV   | 5.459G       | 51.72             | 54.00             | -2.28          | 5.21           | 3           | Vertical   | 320            | 1.18          | -        |
| 5515MHz | Pass   | AV   | 5.491G       | 82.11             | Inf               | -Inf           | 5.25           | 3           | Vertical   | 320            | 1.18          | -        |
| 5515MHz | Pass   | PK   | 5.459G       | 60.91             | 74.00             | -13.09         | 5.21           | 3           | Vertical   | 320            | 1.18          | -        |
| 5515MHz | Pass   | PK   | 5.4698G      | 67.95             | 68.20             | -0.25          | 5.22           | 3           | Vertical   | 320            | 1.18          | -        |
| 5515MHz | Pass   | PK   | 5.5034G      | 91.00             | Inf               | -Inf           | 5.27           | 3           | Vertical   | 320            | 1.18          | -        |
| 5515MHz | Pass   | AV   | 11.03558G    | 47.15             | 54.00             | -6.85          | 16.52          | 3           | Horizontal | 294            | 2.28          | -        |
| 5515MHz | Pass   | PK   | 11.04182G    | 57.67             | 74.00             | -16.33         | 16.52          | 3           | Horizontal | 294            | 2.28          | -        |
| 5515MHz | Pass   | AV   | 11.0306G     | 47.02             | 54.00             | -6.98          | 16.53          | 3           | Vertical   | 16             | 1.97          | -        |
| 5515MHz | Pass   | PK   | 11.04032G    | 58.08             | 74.00             | -15.92         | 16.52          | 3           | Vertical   | 16             | 1.97          | -        |
| 5600MHz | Pass   | AV   | 5.455G       | 53.02             | 54.00             | -0.98          | 5.20           | 3           | Horizontal | 354            | 1.02          | -        |
| 5600MHz | Pass   | AV   | 5.578G       | 104.36            | Inf               | -Inf           | 5.46           | 3           | Horizontal | 354            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.458G       | 62.31             | 74.00             | -11.69         | 5.21           | 3           | Horizontal | 354            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.469G       | 63.77             | 68.20             | -4.43          | 5.22           | 3           | Horizontal | 354            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.589G       | 113.46            | Inf               | -Inf           | 5.48           | 3           | Horizontal | 354            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.733G       | 64.17             | 68.20             | -4.03          | 5.85           | 3           | Horizontal | 354            | 1.02          | -        |
| 5600MHz | Pass   | AV   | 5.46G        | 52.11             | 54.00             | -1.89          | 5.21           | 3           | Vertical   | 350            | 1.02          | -        |
| 5600MHz | Pass   | AV   | 5.589G       | 103.95            | Inf               | -Inf           | 5.48           | 3           | Vertical   | 350            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.457G       | 61.15             | 74.00             | -12.85         | 5.20           | 3           | Vertical   | 350            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.469G       | 62.54             | 68.20             | -5.66          | 5.22           | 3           | Vertical   | 350            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.588G       | 113.19            | Inf               | -Inf           | 5.48           | 3           | Vertical   | 350            | 1.02          | -        |
| 5600MHz | Pass   | PK   | 5.739G       | 60.83             | 68.20             | -7.37          | 5.87           | 3           | Vertical   | 350            | 1.02          | -        |
| 5600MHz | Pass   | AV   | 11.2188G     | 47.62             | 54.00             | -6.38          | 16.29          | 3           | Horizontal | 171            | 1.16          | -        |
| 5600MHz | Pass   | PK   | 11.1787G     | 59.02             | 74.00             | -14.98         | 16.34          | 3           | Horizontal | 171            | 1.16          | -        |
| 5600MHz | Pass   | AV   | 11.1774G     | 47.46             | 54.00             | -6.54          | 16.34          | 3           | Vertical   | 168            | 1.01          | -        |
| 5600MHz | Pass   | PK   | 11.1817G     | 58.93             | 74.00             | -15.07         | 16.34          | 3           | Vertical   | 168            | 1.01          | -        |
| 5685MHz | Pass   | AV   | 5.6616G      | 77.65             | Inf               | -Inf           | 5.67           | 3           | Horizontal | 321            | 1.59          | -        |
| 5685MHz | Pass   | PK   | 5.6742G      | 87.07             | Inf               | -Inf           | 5.70           | 3           | Horizontal | 321            | 1.59          | -        |
| 5685MHz | Pass   | PK   | 5.7252G      | 67.69             | 68.20             | -0.51          | 5.83           | 3           | Horizontal | 321            | 1.59          | -        |
| 5685MHz | Pass   | AV   | 5.67G        | 77.11             | Inf               | -Inf           | 5.69           | 3           | Vertical   | 315            | 1.12          | -        |
| 5685MHz | Pass   | PK   | 5.6712G      | 85.47             | Inf               | -Inf           | 5.70           | 3           | Vertical   | 315            | 1.12          | -        |
| 5685MHz | Pass   | PK   | 5.727G       | 66.79             | 68.20             | -1.41          | 5.84           | 3           | Vertical   | 315            | 1.12          | -        |
| 5685MHz | Pass   | AV   | 11.355G      | 46.14             | 54.00             | -7.86          | 16.12          | 3           | Horizontal | 215            | 2.01          | -        |
| 5685MHz | Pass   | PK   | 11.37324G    | 56.95             | 74.00             | -17.05         | 16.09          | 3           | Horizontal | 215            | 2.01          | -        |
| 5685MHz | Pass   | AV   | 11.35512G    | 46.11             | 54.00             | -7.89          | 16.12          | 3           | Vertical   | 306            | 2.16          | -        |
| 5685MHz | Pass   | PK   | 11.3574G     | 58.11             | 74.00             | -15.89         | 16.11          | 3           | Vertical   | 306            | 2.16          | -        |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5255MHz\_TX

04/11/2017

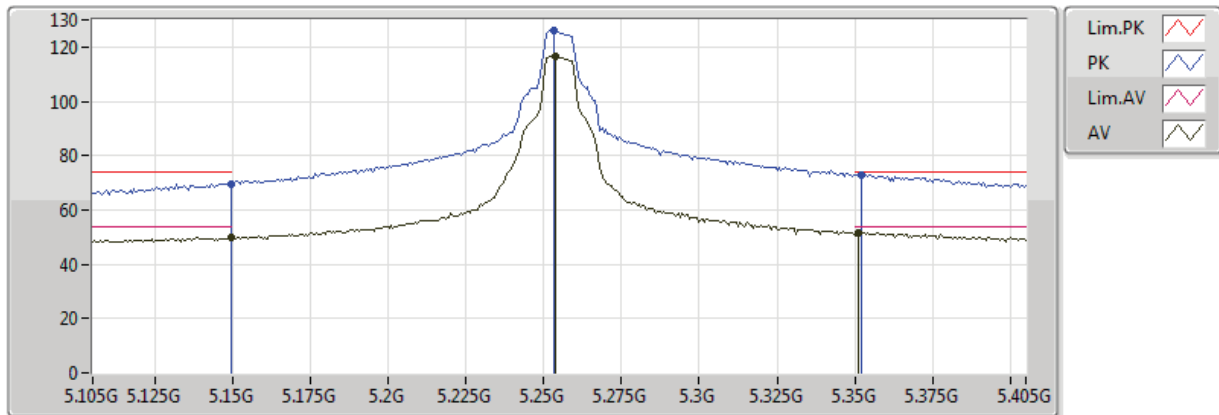


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.1296G      | 48.60             | 54.00             | -5.40          | 4.76           | 3           | Vertical  | 345            | 1.01          | -        |  |  |  |  |
| AV   | 5.2532G      | 113.99            | Inf               | -Inf           | 4.93           | 3           | Vertical  | 345            | 1.01          | -        |  |  |  |  |
| AV   | 5.3522G      | 50.65             | 54.00             | -3.35          | 5.06           | 3           | Vertical  | 345            | 1.01          | -        |  |  |  |  |
| PK   | 5.1482G      | 66.28             | 74.00             | -7.72          | 4.79           | 3           | Vertical  | 345            | 1.01          | -        |  |  |  |  |
| PK   | 5.2568G      | 122.89            | Inf               | -Inf           | 4.93           | 3           | Vertical  | 345            | 1.01          | -        |  |  |  |  |
| PK   | 5.3636G      | 70.78             | 74.00             | -3.22          | 5.08           | 3           | Vertical  | 345            | 1.01          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5255MHz\_TX

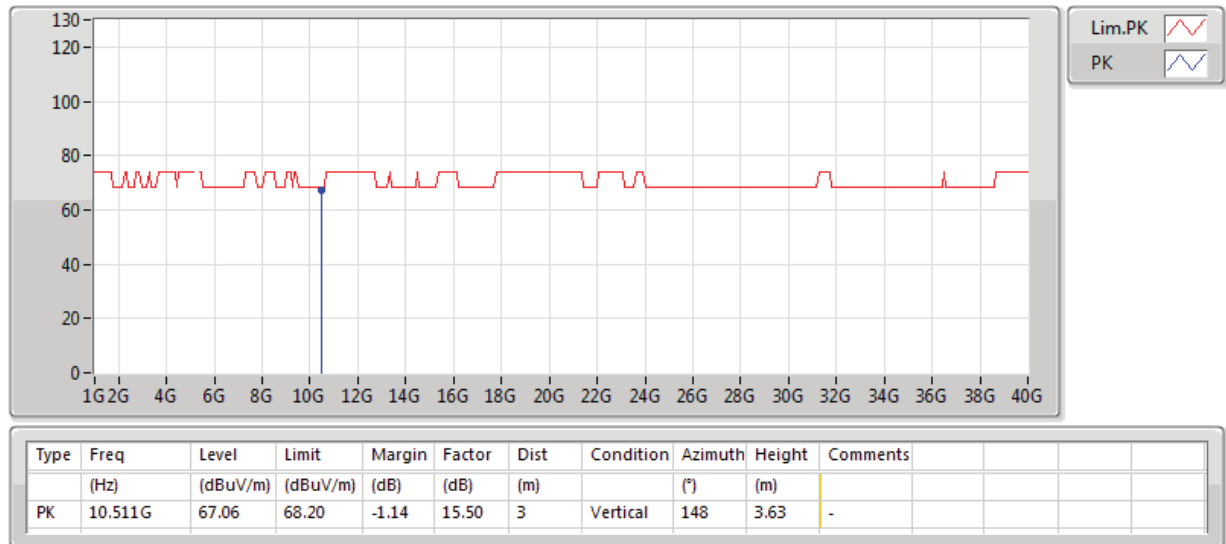
04/11/2017



| 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) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.1494G      | 49.89             | 54.00             | -4.11          | 4.79           | 3           | Horizontal | 348            | 1.19          | -        |  |  |  |  |
| AV   | 5.2538G      | 116.75            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 348            | 1.19          | -        |  |  |  |  |
| AV   | 5.351G       | 51.65             | 54.00             | -2.35          | 5.06           | 3           | Horizontal | 348            | 1.19          | -        |  |  |  |  |
| PK   | 5.1494G      | 69.71             | 74.00             | -4.29          | 4.79           | 3           | Horizontal | 348            | 1.19          | -        |  |  |  |  |
| PK   | 5.2532G      | 126.22            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 348            | 1.19          | -        |  |  |  |  |
| PK   | 5.3522G      | 73.02             | 74.00             | -0.98          | 5.06           | 3           | Horizontal | 348            | 1.19          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

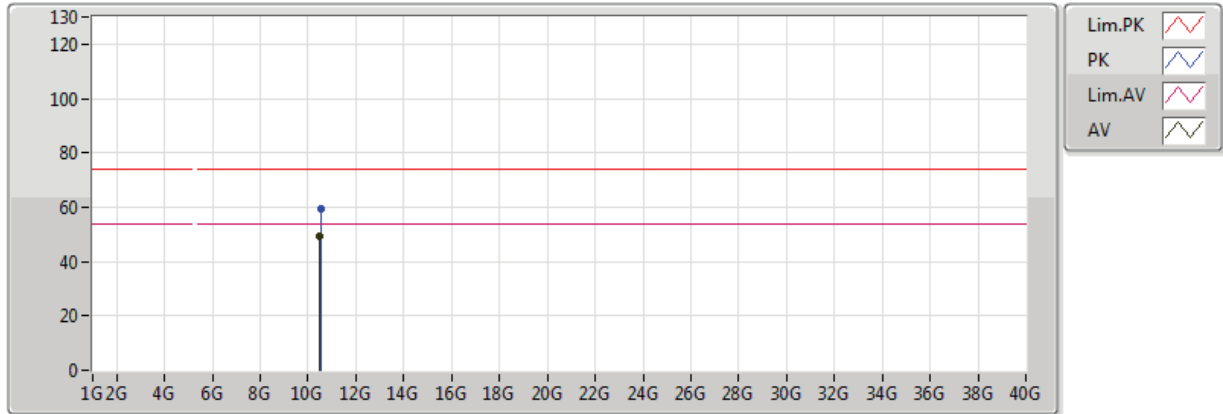
### 5255MHz\_TX



### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5255MHz\_TX

04/11/2017

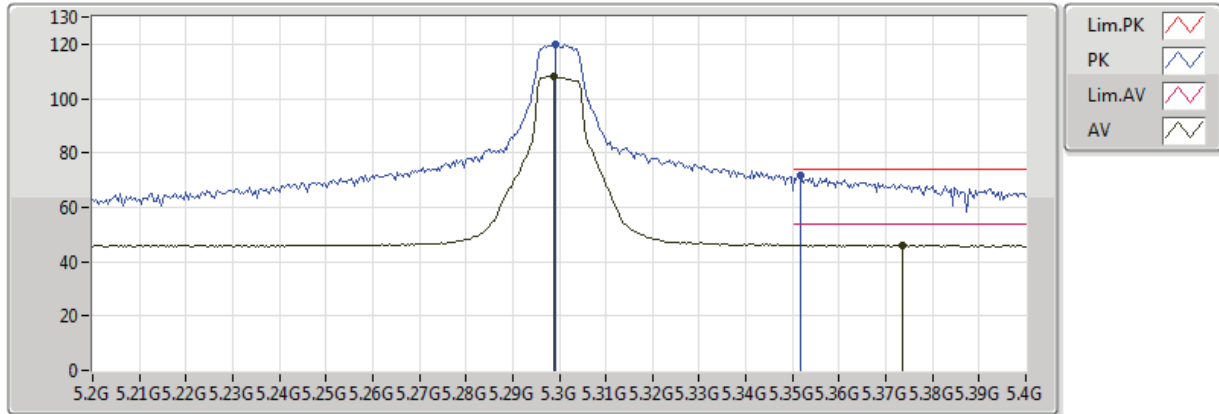


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.5106G     | 49.08             | 54.00             | -4.92          | 15.50          | 3           | Horizontal | 143            | 1.00          | -        |  |  |  |  |
| PK   | 10.5117G     | 59.39             | 74.00             | -14.61         | 15.50          | 3           | Horizontal | 143            | 1.00          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

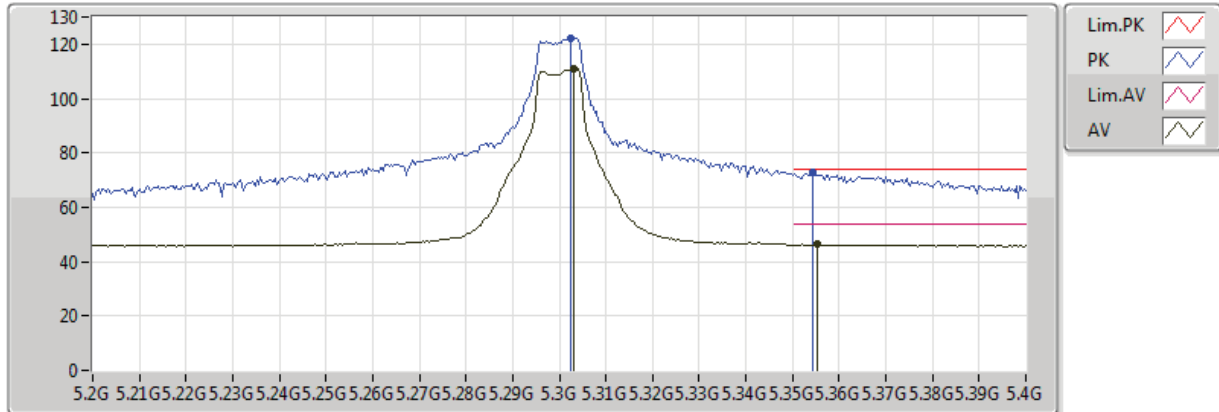


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.2988G      | 108.31            | Inf               | -Inf           | 4.99           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |
| AV   | 5.3736G      | 46.14             | 54.00             | -7.86          | 5.09           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |
| PK   | 5.2992G      | 119.76            | Inf               | -Inf           | 4.99           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |
| PK   | 5.3516G      | 71.49             | 74.00             | -2.51          | 5.06           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5300MHz\_TX

03/11/2017

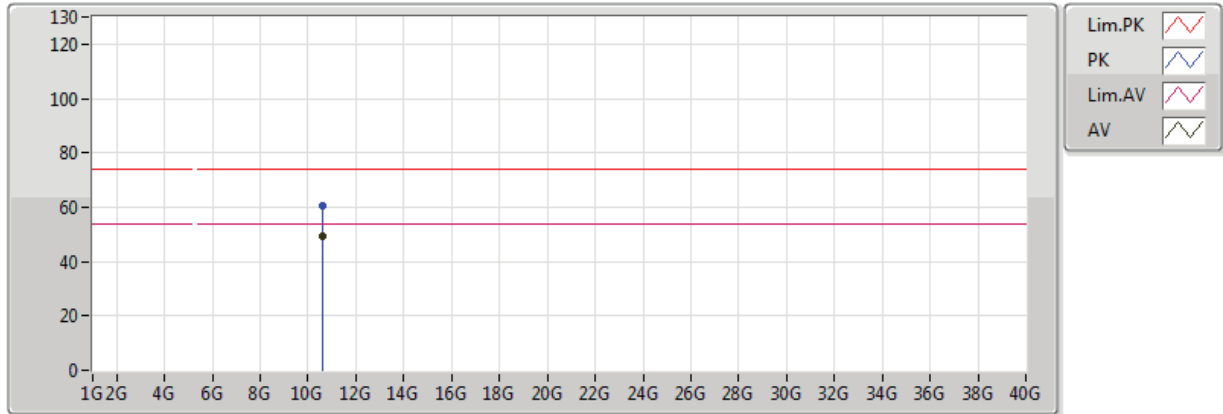


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3032G      | 110.95            | Inf               | -Inf           | 4.99           | 3           | Horizontal | 355            | 1.05          | -        |  |  |  |  |
| AV   | 5.3552G      | 46.49             | 54.00             | -7.51          | 5.07           | 3           | Horizontal | 355            | 1.05          | -        |  |  |  |  |
| PK   | 5.3024G      | 122.19            | Inf               | -Inf           | 4.99           | 3           | Horizontal | 355            | 1.05          | -        |  |  |  |  |
| PK   | 5.3544G      | 72.86             | 74.00             | -1.14          | 5.07           | 3           | Horizontal | 355            | 1.05          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

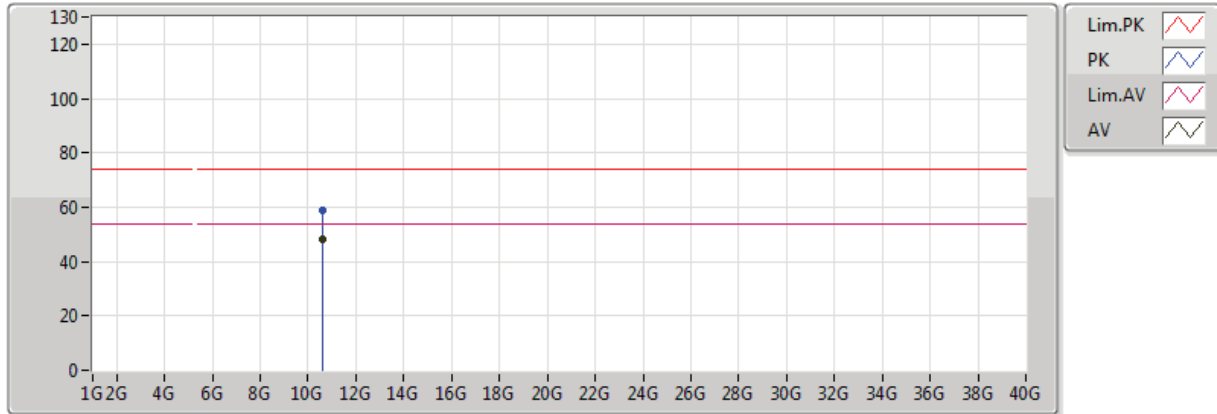


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.60006G    | 49.31             | 54.00             | -4.69          | 15.79          | 3           | Vertical  | 177            | 1.17          | -        |  |  |  |  |
| PK   | 10.59922G    | 60.28             | 74.00             | -13.72         | 15.79          | 3           | Vertical  | 177            | 1.17          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

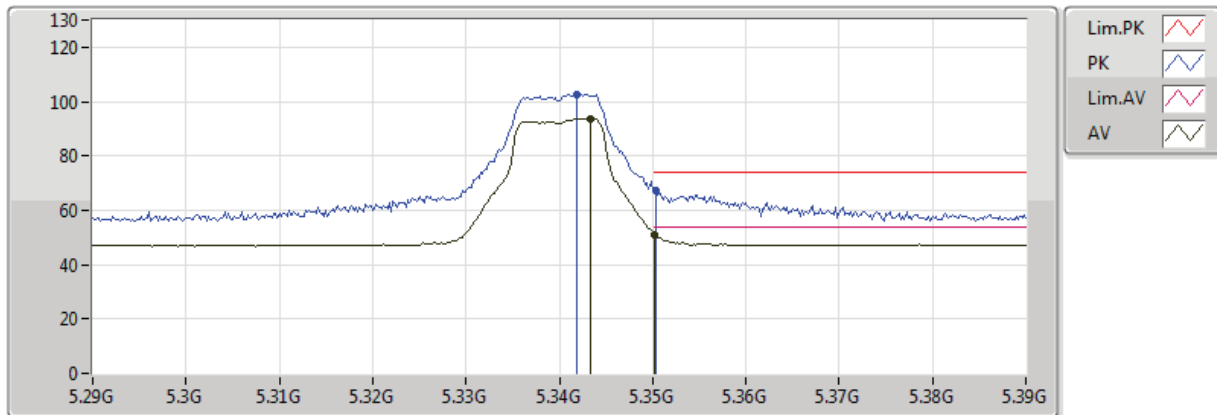


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.6006G     | 48.42             | 54.00             | -5.58          | 15.80          | 3           | Horizontal | 172            | 1.01          | -        |  |  |  |  |
| PK   | 10.59964G    | 58.93             | 74.00             | -15.07         | 15.79          | 3           | Horizontal | 172            | 1.01          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5340MHz\_TX

04/11/2017

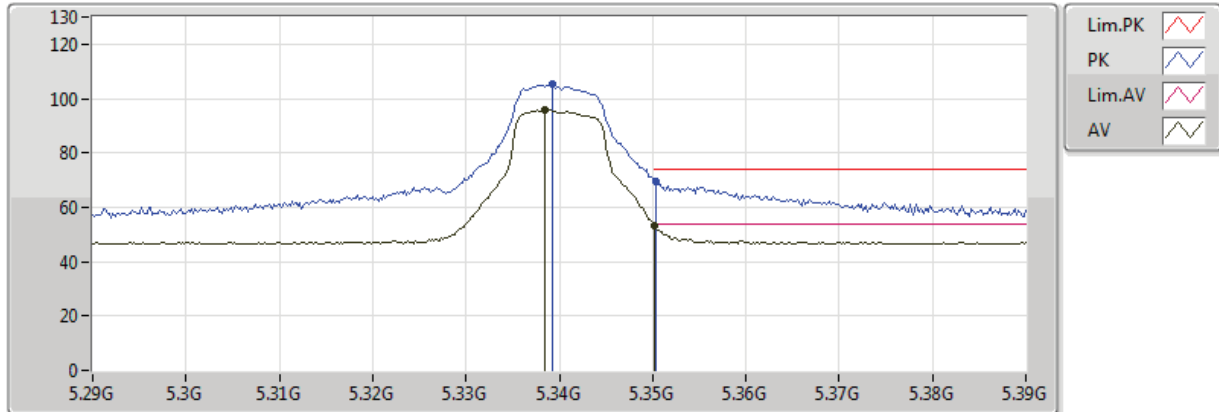


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3434G      | 93.65             | Inf               | -Inf           | 5.05           | 3           | Vertical  | 342            | 1.00          | -        |  |  |  |  |
| AV   | 5.3502G      | 51.22             | 54.00             | -2.78          | 5.06           | 3           | Vertical  | 342            | 1.00          | -        |  |  |  |  |
| PK   | 5.3418G      | 102.70            | Inf               | -Inf           | 5.05           | 3           | Vertical  | 342            | 1.00          | -        |  |  |  |  |
| PK   | 5.3504G      | 67.25             | 74.00             | -6.75          | 5.06           | 3           | Vertical  | 342            | 1.00          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5340MHz\_TX

04/11/2017

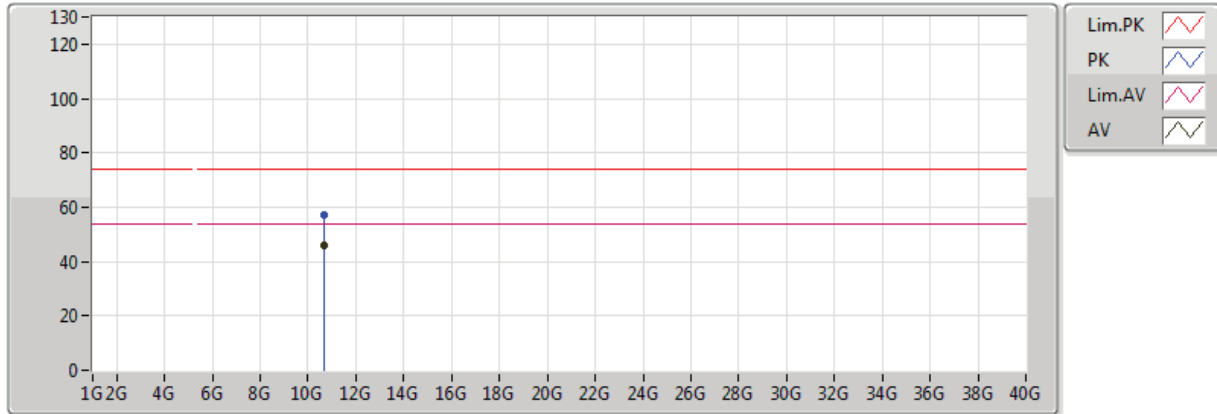


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3384G      | 95.61             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 346            | 1.02          | -        |  |  |  |  |
| AV   | 5.3502G      | 53.43             | 54.00             | -0.57          | 5.06           | 3           | Horizontal | 346            | 1.02          | -        |  |  |  |  |
| PK   | 5.3392G      | 105.08            | Inf               | -Inf           | 5.04           | 3           | Horizontal | 346            | 1.02          | -        |  |  |  |  |
| PK   | 5.3504G      | 69.73             | 74.00             | -4.27          | 5.06           | 3           | Horizontal | 346            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5340MHz\_TX

04/11/2017

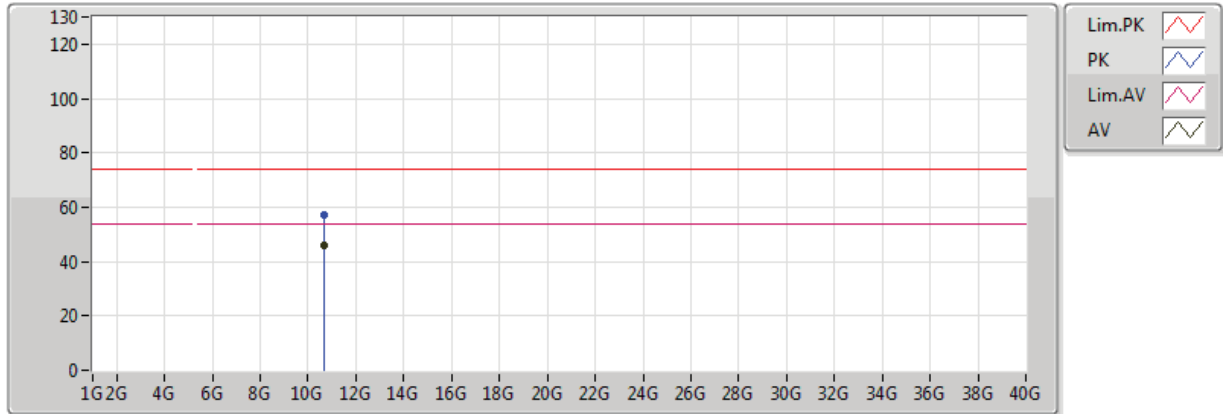


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.685G  | 46.14    | 54.00    | -7.86  | 15.88  | 3    | Vertical  | 360     | 3.38   | -        |  |  |  |  |
| PK   | 10.6629G | 57.15    | 74.00    | -16.85 | 15.83  | 3    | Vertical  | 360     | 3.38   | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5340MHz\_TX

04/11/2017

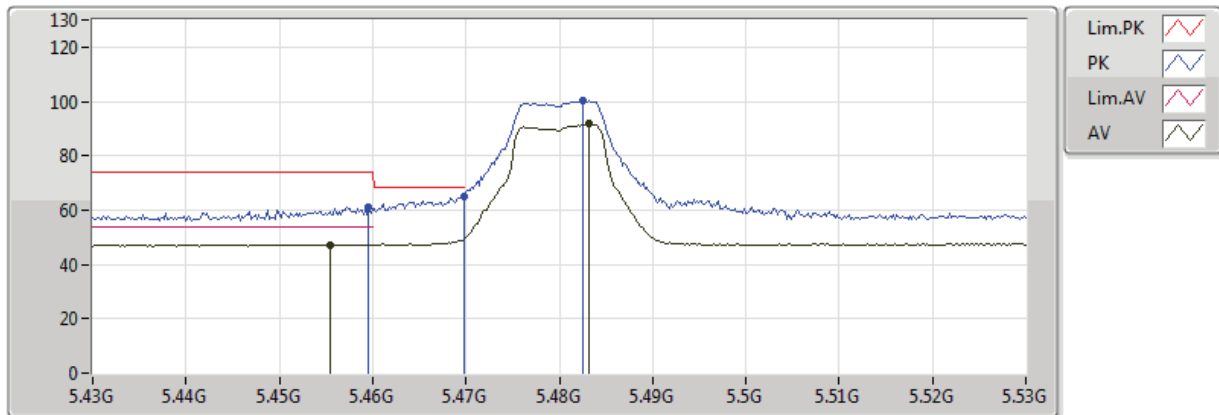


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.7001G     | 46.12             | 54.00             | -7.88          | 15.91          | 3           | Horizontal | 304            | 1.21          | -        |  |  |  |  |
| PK   | 10.6597G     | 57.23             | 74.00             | -16.77         | 15.82          | 3           | Horizontal | 304            | 1.21          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5480MHz\_TX

04/11/2017

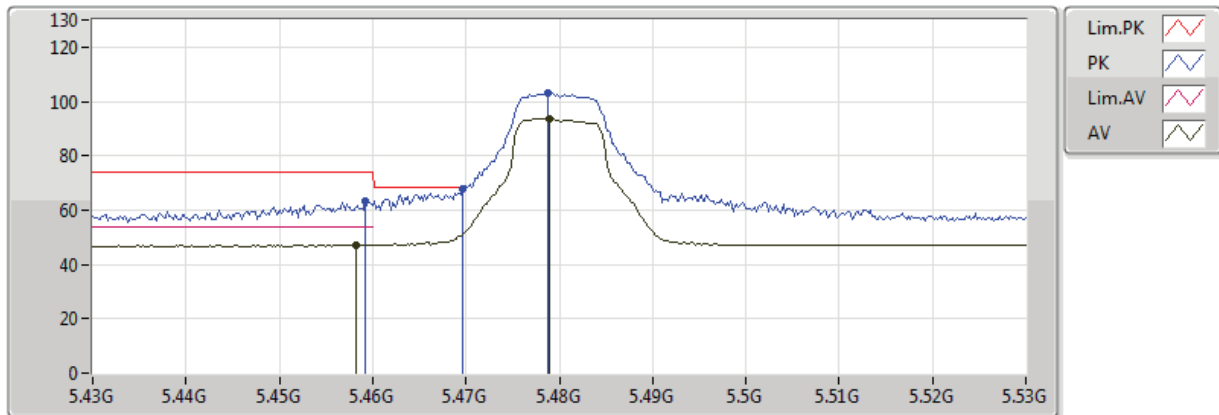


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4554G      | 47.34             | 54.00             | -6.66          | 5.20           | 3           | Vertical  | 342            | 1.07          | -        |  |  |  |  |
| AV   | 5.4832G      | 91.62             | Inf               | -Inf           | 5.24           | 3           | Vertical  | 342            | 1.07          | -        |  |  |  |  |
| PK   | 5.4596G      | 61.25             | 74.00             | -12.75         | 5.21           | 3           | Vertical  | 342            | 1.07          | -        |  |  |  |  |
| PK   | 5.4698G      | 64.84             | 68.20             | -3.36          | 5.22           | 3           | Vertical  | 342            | 1.07          | -        |  |  |  |  |
| PK   | 5.4826G      | 100.46            | Inf               | -Inf           | 5.24           | 3           | Vertical  | 342            | 1.07          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5480MHz\_TX

04/11/2017

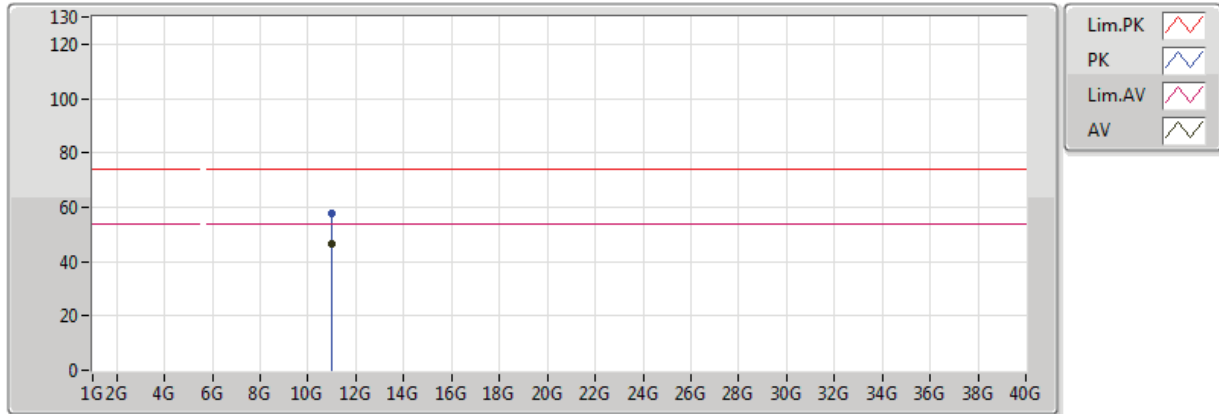


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4582G      | 47.32             | 54.00             | -6.68          | 5.21           | 3           | Horizontal | 345            | 1.04          | -        |  |  |  |  |
| AV   | 5.479G       | 93.60             | Inf               | -Inf           | 5.23           | 3           | Horizontal | 345            | 1.04          | -        |  |  |  |  |
| PK   | 5.4592G      | 63.42             | 74.00             | -10.58         | 5.21           | 3           | Horizontal | 345            | 1.04          | -        |  |  |  |  |
| PK   | 5.4696G      | 67.63             | 68.20             | -0.57          | 5.22           | 3           | Horizontal | 345            | 1.04          | -        |  |  |  |  |
| PK   | 5.4788G      | 103.13            | Inf               | -Inf           | 5.23           | 3           | Horizontal | 345            | 1.04          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5480MHz\_TX

04/11/2017

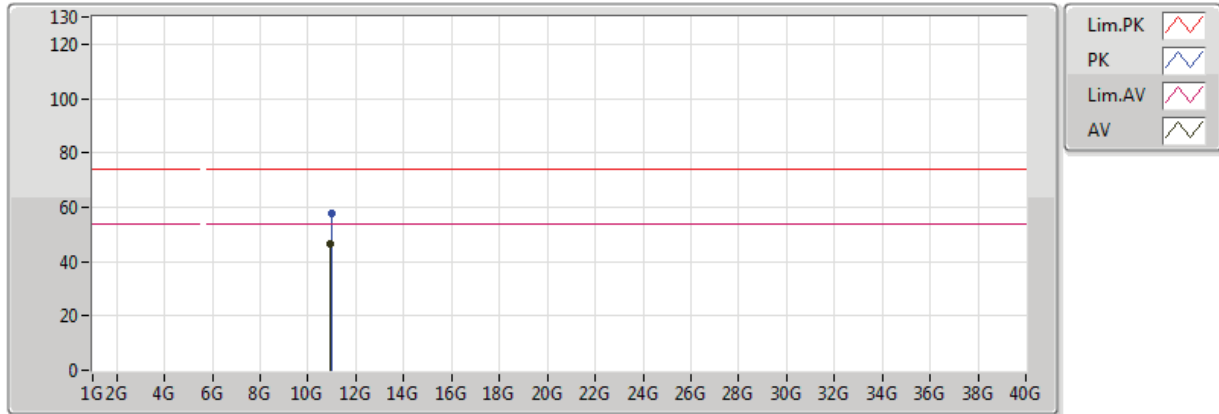


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.9663G     | 46.67             | 54.00             | -7.33          | 16.50          | 3           | Vertical  | 232            | 2.38          | -        |  |  |  |  |
| PK   | 10.9657G     | 57.69             | 74.00             | -16.31         | 16.49          | 3           | Vertical  | 232            | 2.38          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5480MHz\_TX

04/11/2017

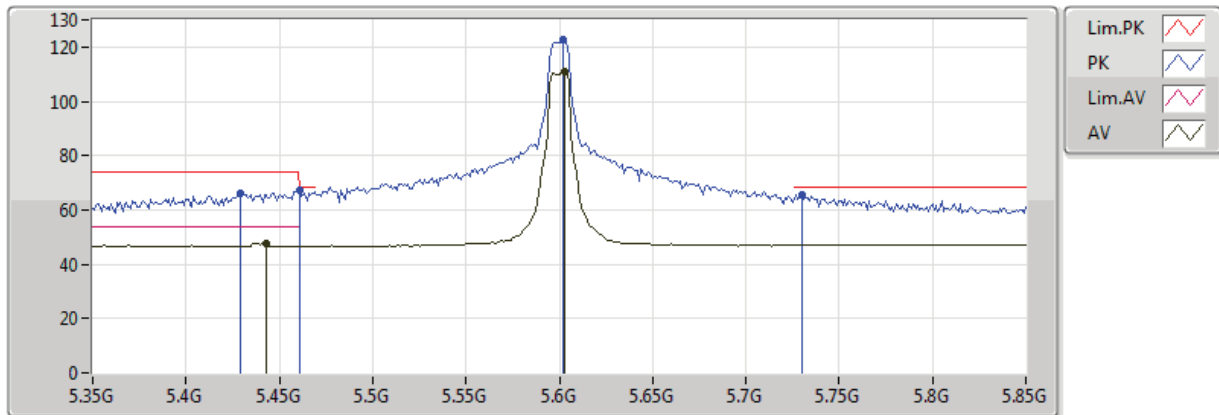


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.9441G     | 46.73             | 54.00             | -7.27          | 16.45          | 3           | Horizontal | 112            | 1.72          | -        |  |  |  |  |
| PK   | 10.9835G     | 57.77             | 74.00             | -16.23         | 16.53          | 3           | Horizontal | 112            | 1.72          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

03/11/2017

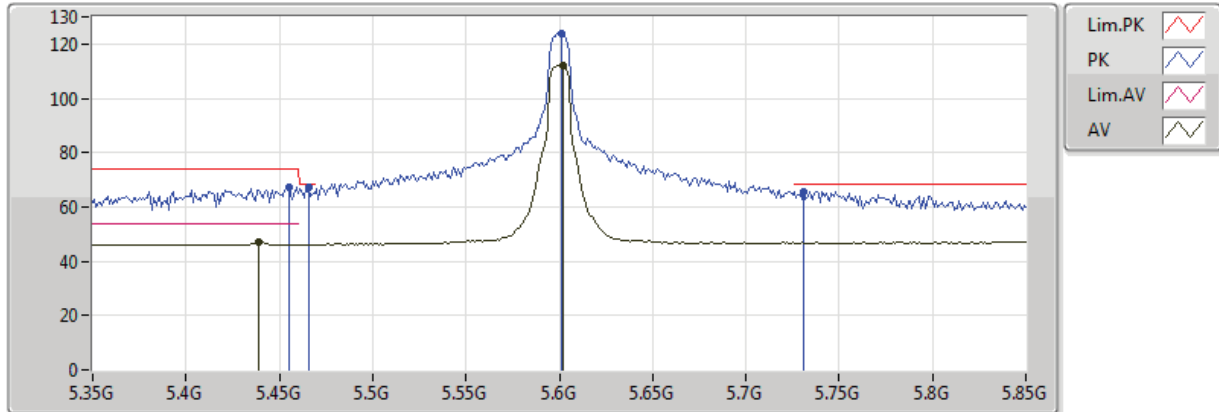


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.443G       | 47.84             | 54.00             | -6.16          | 5.19           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| AV   | 5.603G       | 111.06            | Inf               | -Inf           | 5.52           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.429G       | 66.23             | 74.00             | -7.77          | 5.17           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.461G       | 67.05             | 68.20             | -1.15          | 5.21           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.602G       | 122.59            | Inf               | -Inf           | 5.52           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.73G        | 65.46             | 68.20             | -2.74          | 5.85           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |

## 802.11ac VHT10\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

03/11/2017

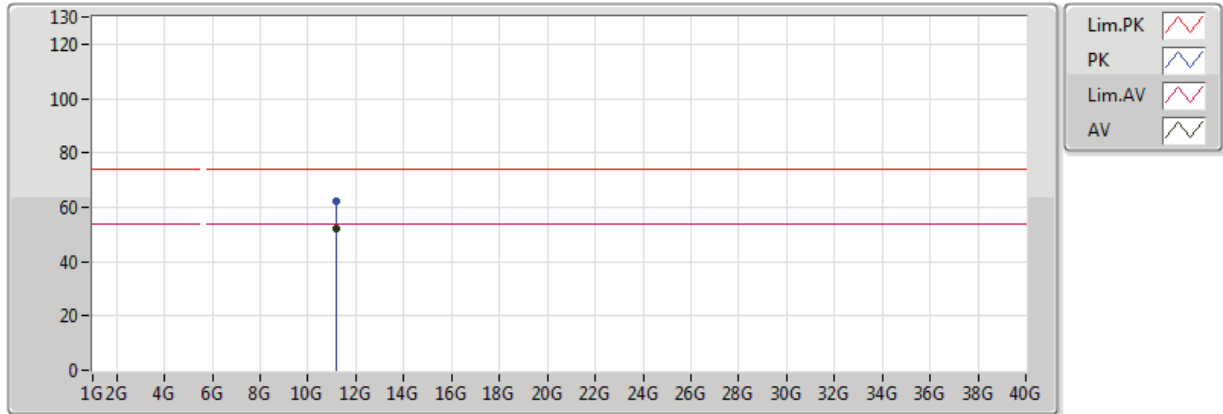


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.439G       | 47.10             | 54.00             | -6.90          | 5.18           | 3           | Horizontal | 0              | 1.11          | -        |  |  |  |  |
| AV   | 5.602G       | 111.99            | Inf               | -Inf           | 5.52           | 3           | Horizontal | 0              | 1.11          | -        |  |  |  |  |
| PK   | 5.455G       | 67.32             | 74.00             | -6.68          | 5.20           | 3           | Horizontal | 0              | 1.11          | -        |  |  |  |  |
| PK   | 5.466G       | 67.16             | 68.20             | -1.04          | 5.22           | 3           | Horizontal | 0              | 1.11          | -        |  |  |  |  |
| PK   | 5.601G       | 123.96            | Inf               | -Inf           | 5.51           | 3           | Horizontal | 0              | 1.11          | -        |  |  |  |  |
| PK   | 5.731G       | 65.65             | 68.20             | -2.55          | 5.85           | 3           | Horizontal | 0              | 1.11          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

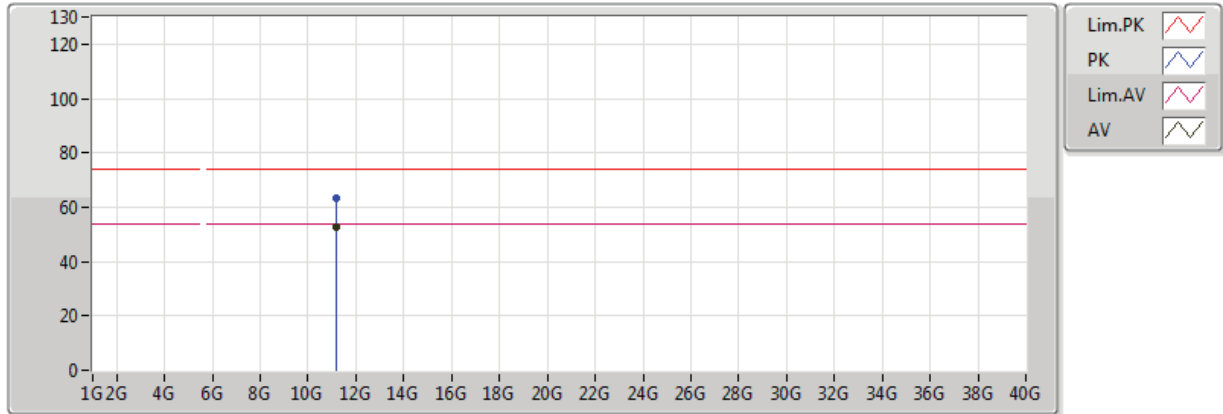


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.1994G     | 52.34             | 54.00             | -1.66          | 16.43          | 3           | Vertical  | 167            | 1.04          | -        |  |  |  |  |
| PK   | 11.1994G     | 62.06             | 74.00             | -11.94         | 16.43          | 3           | Vertical  | 167            | 1.04          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

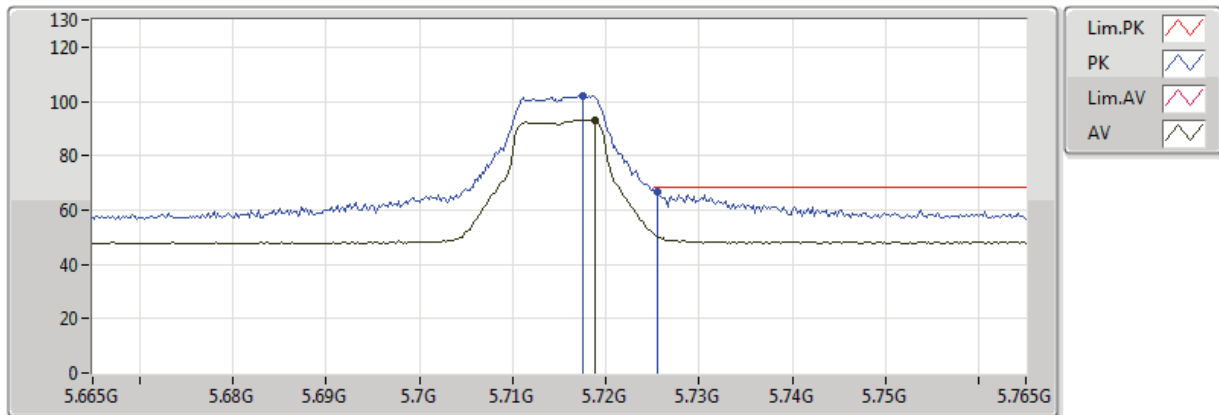


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.1994G     | 52.49             | 54.00             | -1.51          | 16.43          | 3           | Horizontal | 171            | 1.01          | -        |  |  |  |  |
| PK   | 11.20024G    | 63.35             | 74.00             | -10.65         | 16.43          | 3           | Horizontal | 171            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5715MHz\_TX

04/11/2017

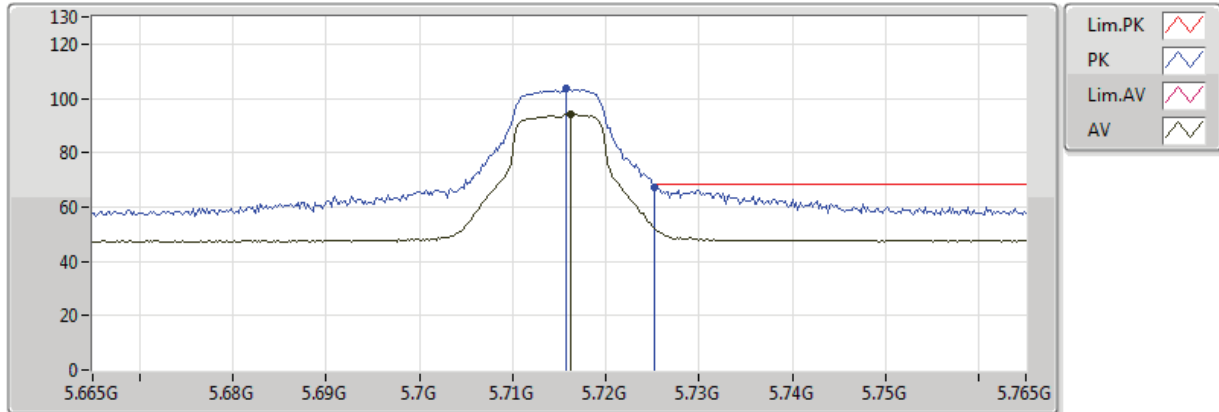


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.7188G      | 93.07             | Inf               | -Inf           | 5.82           | 3           | Vertical  | 340            | 1.02          | -        |  |  |  |  |
| PK   | 5.7176G      | 102.17            | Inf               | -Inf           | 5.81           | 3           | Vertical  | 340            | 1.02          | -        |  |  |  |  |
| PK   | 5.7256G      | 66.62             | 68.20             | -1.58          | 5.83           | 3           | Vertical  | 340            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5715MHz\_TX

04/11/2017

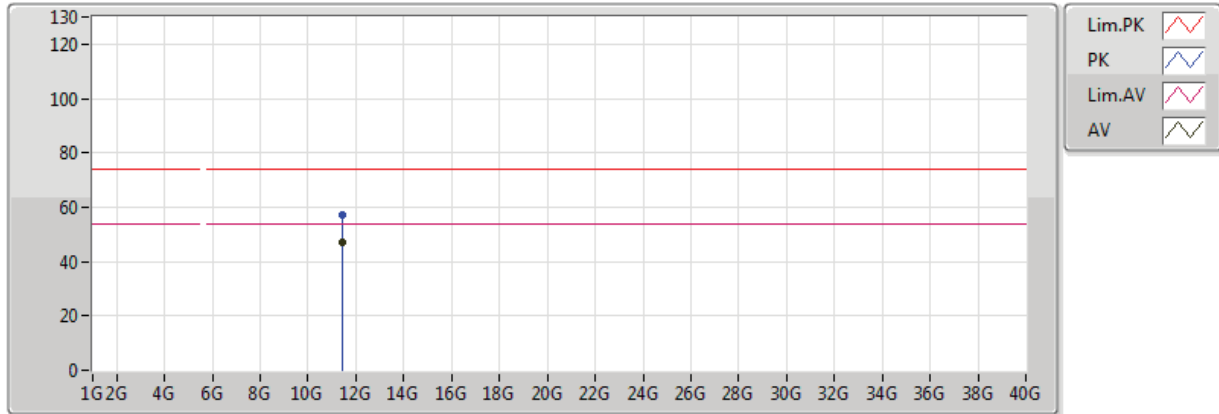


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.7162G      | 94.03             | Inf               | -Inf           | 5.81           | 3           | Horizontal | 345            | 1.02          | -        |  |  |  |  |
| PK   | 5.7158G      | 103.59            | Inf               | -Inf           | 5.81           | 3           | Horizontal | 345            | 1.02          | -        |  |  |  |  |
| PK   | 5.7252G      | 67.32             | 68.20             | -0.88          | 5.83           | 3           | Horizontal | 345            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5715MHz\_TX

04/11/2017

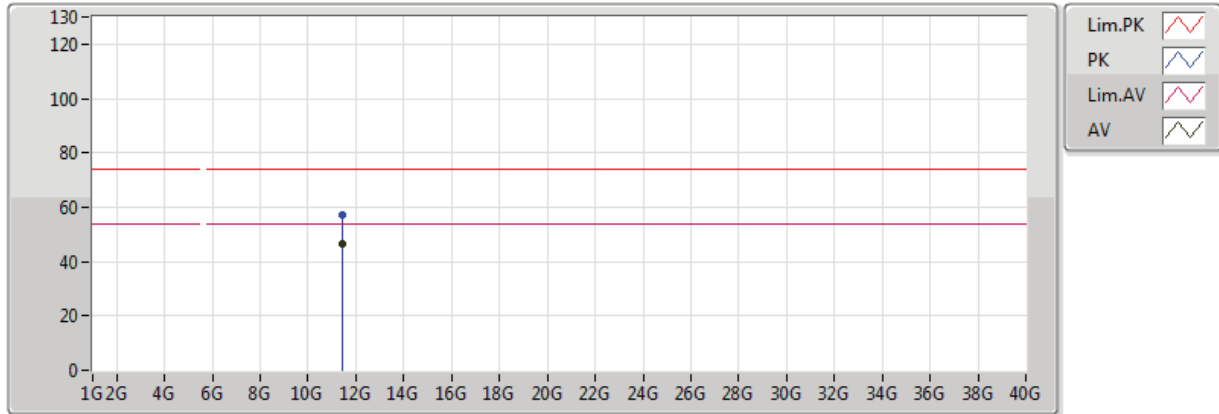


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.4371G     | 46.93             | 54.00             | -7.07          | 16.01          | 3           | Vertical  | 359            | 2.49          | -        |  |  |  |  |
| PK   | 11.4106G     | 57.30             | 74.00             | -16.70         | 16.04          | 3           | Vertical  | 359            | 2.49          | -        |  |  |  |  |

### 802.11ac VHT10\_Nss1,(MCS0)\_2TX

### 5715MHz\_TX

04/11/2017

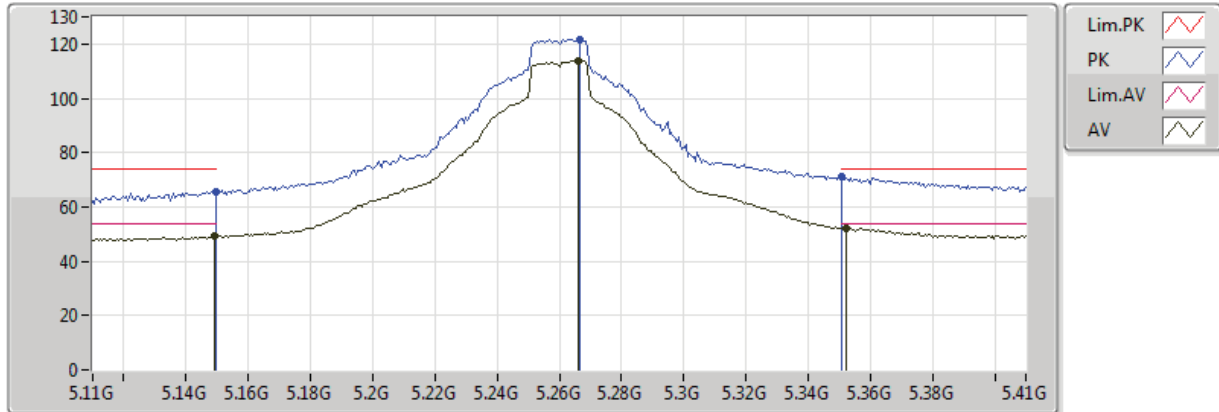


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.4519G | 46.72    | 54.00    | -7.28  | 15.99  | 3    | Horizontal | 49      | 2.33   | -        |  |  |  |  |
| PK   | 11.4232G | 57.39    | 74.00    | -16.61 | 16.03  | 3    | Horizontal | 49      | 2.33   | -        |  |  |  |  |

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

### 5260MHz\_TX

04/11/2017

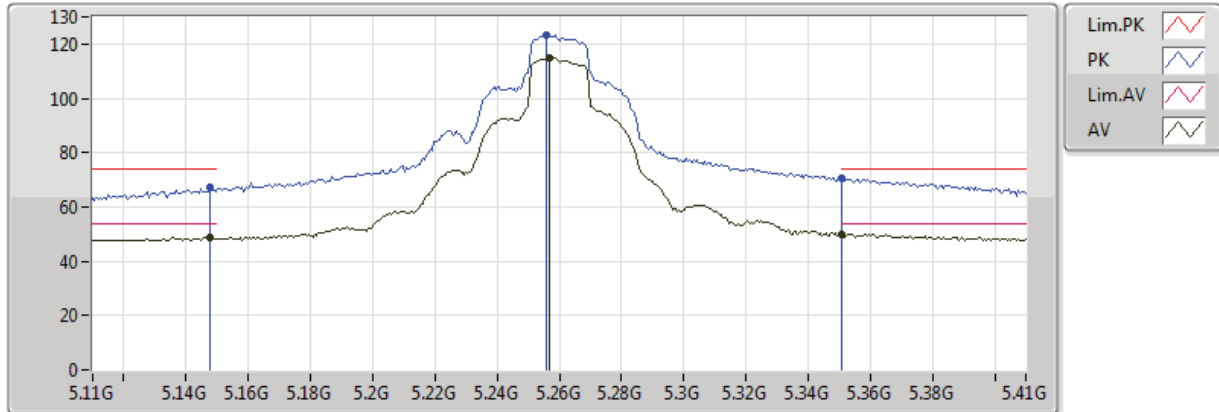


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.149G       | 49.05             | 54.00             | -4.95          | 4.79           | 3           | Vertical  | 339            | 1.09          | -        |
| AV   | 5.266G       | 113.72            | Inf               | -Inf           | 4.95           | 3           | Vertical  | 339            | 1.09          | -        |
| AV   | 5.3524G      | 52.13             | 54.00             | -1.87          | 5.06           | 3           | Vertical  | 339            | 1.09          | -        |
| PK   | 5.1496G      | 65.50             | 74.00             | -8.50          | 4.79           | 3           | Vertical  | 339            | 1.09          | -        |
| PK   | 5.2666G      | 121.79            | Inf               | -Inf           | 4.95           | 3           | Vertical  | 339            | 1.09          | -        |
| PK   | 5.3506G      | 70.91             | 74.00             | -3.09          | 5.06           | 3           | Vertical  | 339            | 1.09          | -        |

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

### 5260MHz\_TX

04/11/2017

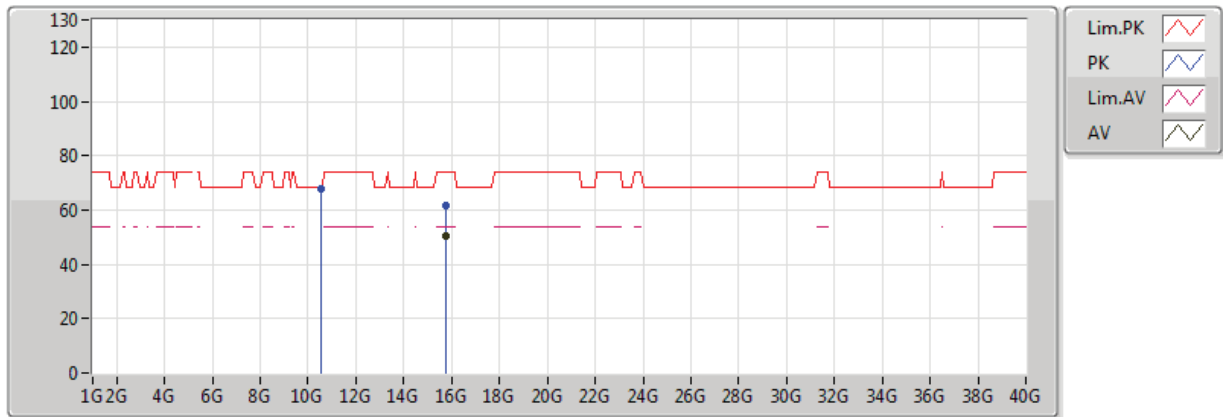


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.1478G      | 48.68             | 54.00             | -5.32          | 4.79           | 3           | Horizontal | 339            | 1.00          | -        |
| AV   | 5.257G       | 114.72            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 339            | 1.00          | -        |
| AV   | 5.3506G      | 50.09             | 54.00             | -3.91          | 5.06           | 3           | Horizontal | 339            | 1.00          | -        |
| PK   | 5.1478G      | 67.41             | 74.00             | -6.59          | 4.79           | 3           | Horizontal | 339            | 1.00          | -        |
| PK   | 5.2558G      | 123.15            | Inf               | -Inf           | 4.93           | 3           | Horizontal | 339            | 1.00          | -        |
| PK   | 5.3506G      | 70.55             | 74.00             | -3.45          | 5.06           | 3           | Horizontal | 339            | 1.00          | -        |

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

### 5260MHz\_TX

10/11/2017

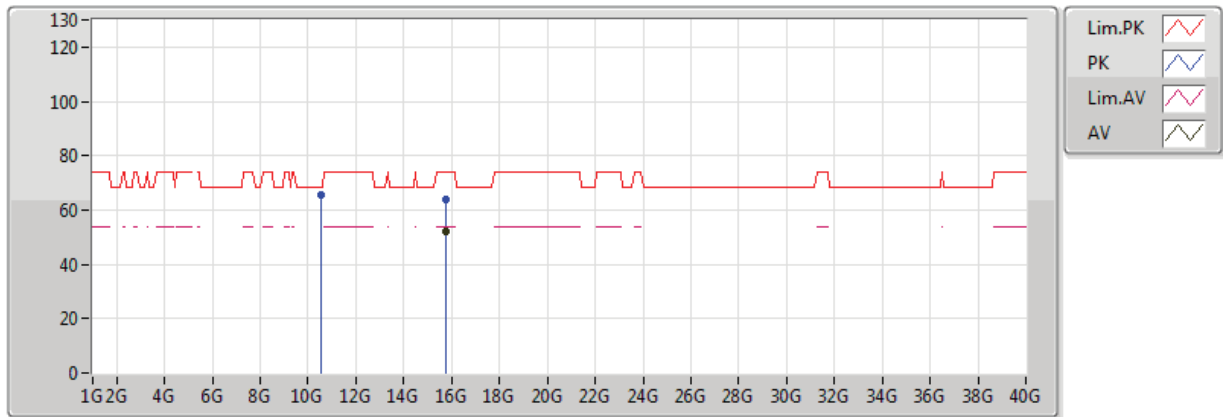


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 15.7755G     | 50.28             | 54.00             | -3.72          | 16.34          | 3           | Vertical  | 148            | 3.65          | -        |  |  |  |  |
| PK   | 10.5225G     | 67.97             | 68.20             | -0.23          | 15.52          | 3           | Vertical  | 147            | 3.63          | -        |  |  |  |  |
| PK   | 15.7823G     | 61.40             | 74.00             | -12.60         | 16.31          | 3           | Vertical  | 148            | 3.65          | -        |  |  |  |  |

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

### 5260MHz\_TX

10/11/2017

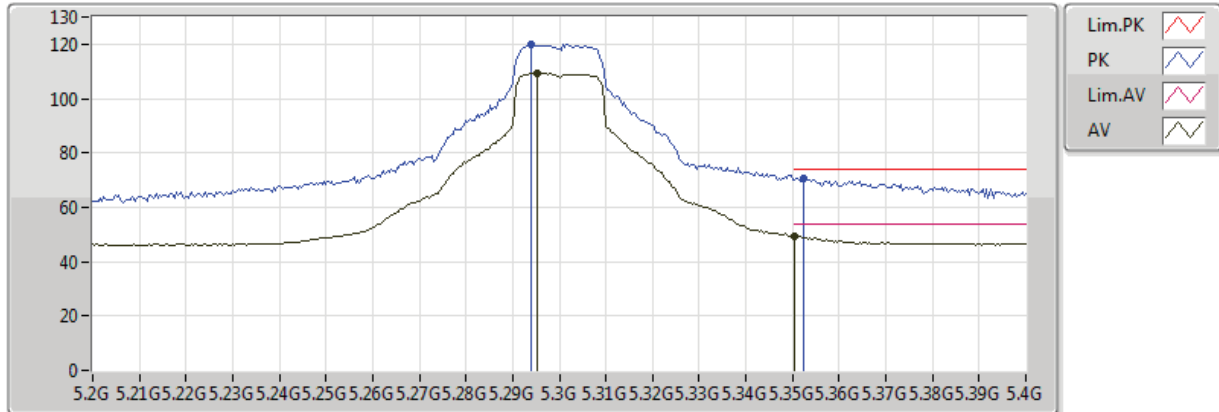


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 15.7733G     | 52.39             | 54.00             | -1.61          | 16.34          | 3           | Horizontal | 87             | 3.25          | -        |  |  |  |  |
| PK   | 10.5204G     | 65.57             | 68.20             | -2.63          | 15.52          | 3           | Horizontal | 87             | 3.26          | -        |  |  |  |  |
| PK   | 15.7742G     | 63.84             | 74.00             | -10.16         | 16.34          | 3           | Horizontal | 87             | 3.25          | -        |  |  |  |  |

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

## 5300MHz\_TX

03/11/2017

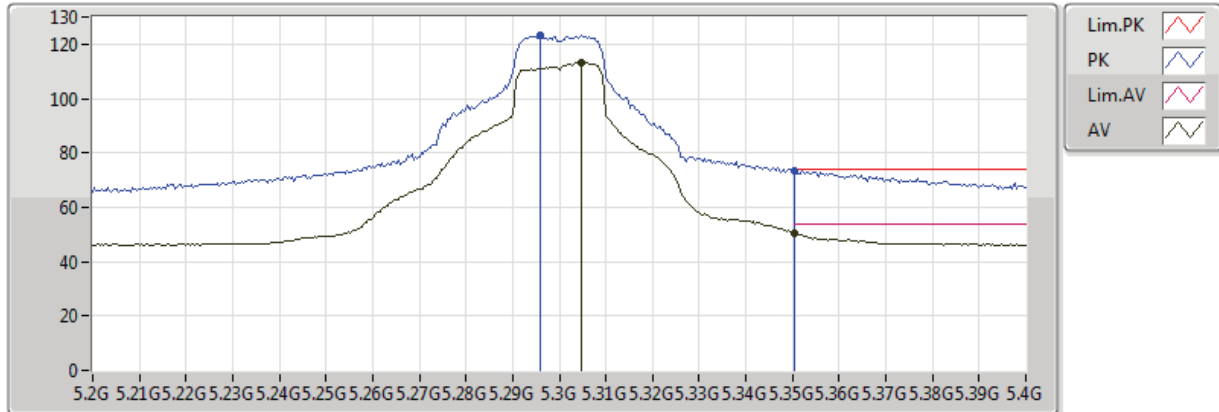


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.2952G      | 109.42            | Inf               | -Inf           | 4.98           | 3           | Vertical  | 358            | 1.02          | -        |
| AV   | 5.3504G      | 49.24             | 54.00             | -4.76          | 5.06           | 3           | Vertical  | 358            | 1.02          | -        |
| PK   | 5.294G       | 120.00            | Inf               | -Inf           | 4.98           | 3           | Vertical  | 358            | 1.02          | -        |
| PK   | 5.3524G      | 70.77             | 74.00             | -3.23          | 5.06           | 3           | Vertical  | 358            | 1.02          | -        |

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

## 5300MHz\_TX

03/11/2017

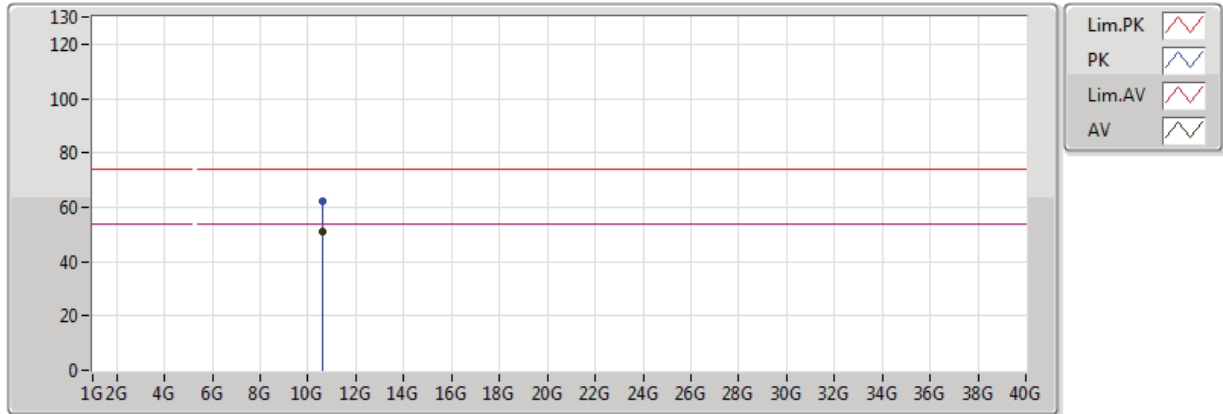


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3048G      | 113.04            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 357            | 2.57          | -        |  |  |  |  |
| AV   | 5.3504G      | 50.26             | 54.00             | -3.74          | 5.06           | 3           | Horizontal | 357            | 2.57          | -        |  |  |  |  |
| PK   | 5.296G       | 123.40            | Inf               | -Inf           | 4.98           | 3           | Horizontal | 357            | 2.57          | -        |  |  |  |  |
| PK   | 5.3504G      | 73.17             | 74.00             | -0.83          | 5.06           | 3           | Horizontal | 357            | 2.57          | -        |  |  |  |  |

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

## 5300MHz\_TX

03/11/2017

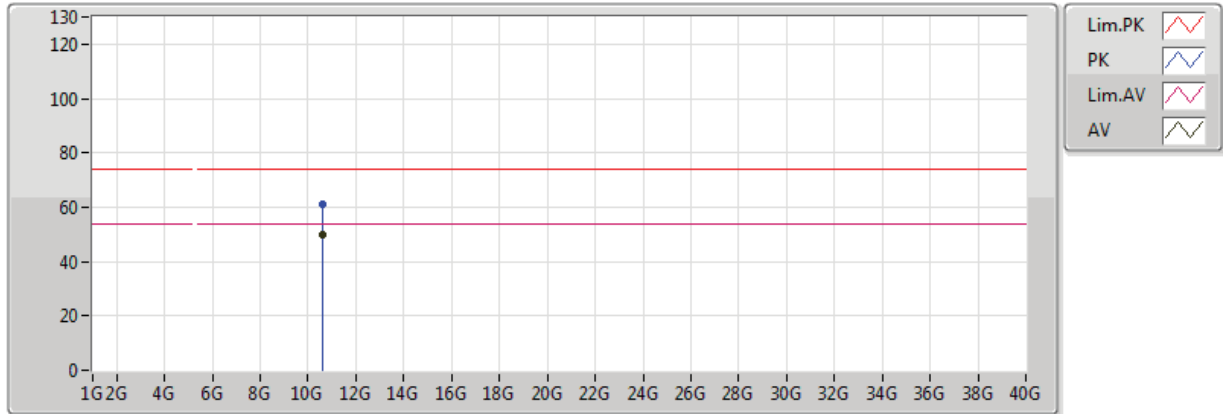


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.60126G | 51.09    | 54.00    | -2.91  | 15.80  | 3    | Vertical  | 166     | 1.05   | -        |  |  |  |  |
| PK   | 10.59976G | 62.38    | 74.00    | -11.62 | 15.79  | 3    | Vertical  | 166     | 1.05   | -        |  |  |  |  |

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

### 5300MHz\_TX

03/11/2017

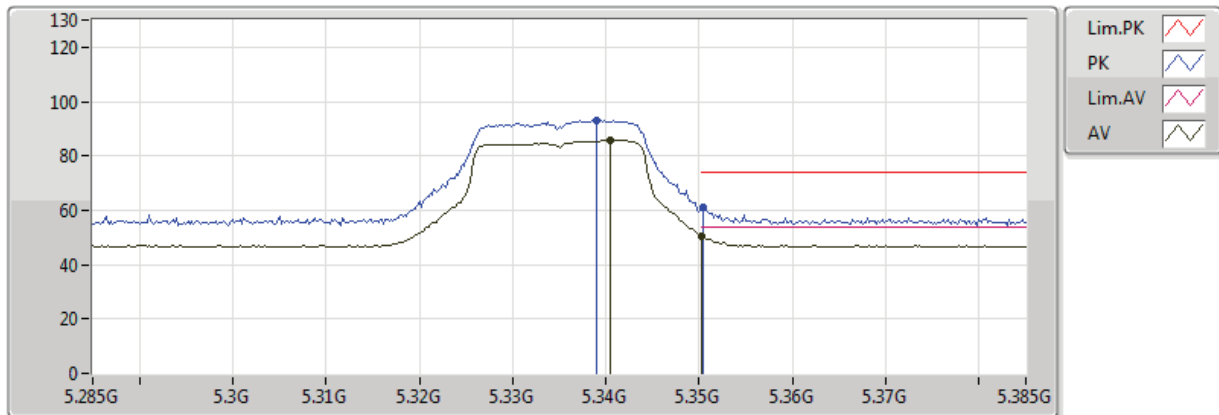


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.6018G     | 49.78             | 54.00             | -4.22          | 15.80          | 3           | Horizontal | 167            | 1.02          | -        |  |  |  |  |
| PK   | 10.60012G    | 61.19             | 74.00             | -12.81         | 15.79          | 3           | Horizontal | 167            | 1.02          | -        |  |  |  |  |

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

### 5335MHz\_TX

04/11/2017

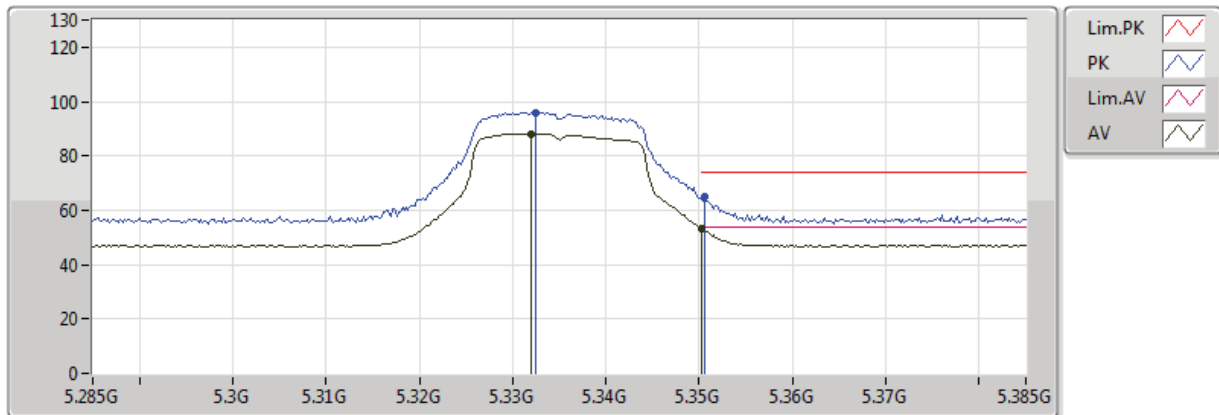


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.3404G      | 85.66             | Inf               | -Inf           | 5.05           | 3           | Vertical  | 339            | 1.05          | -        |
| AV   | 5.3502G      | 50.55             | 54.00             | -3.45          | 5.06           | 3           | Vertical  | 339            | 1.05          | -        |
| PK   | 5.339G       | 93.21             | Inf               | -Inf           | 5.04           | 3           | Vertical  | 339            | 1.05          | -        |
| PK   | 5.3504G      | 60.84             | 74.00             | -13.16         | 5.06           | 3           | Vertical  | 339            | 1.05          | -        |

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

## 5335MHz\_TX

04/11/2017

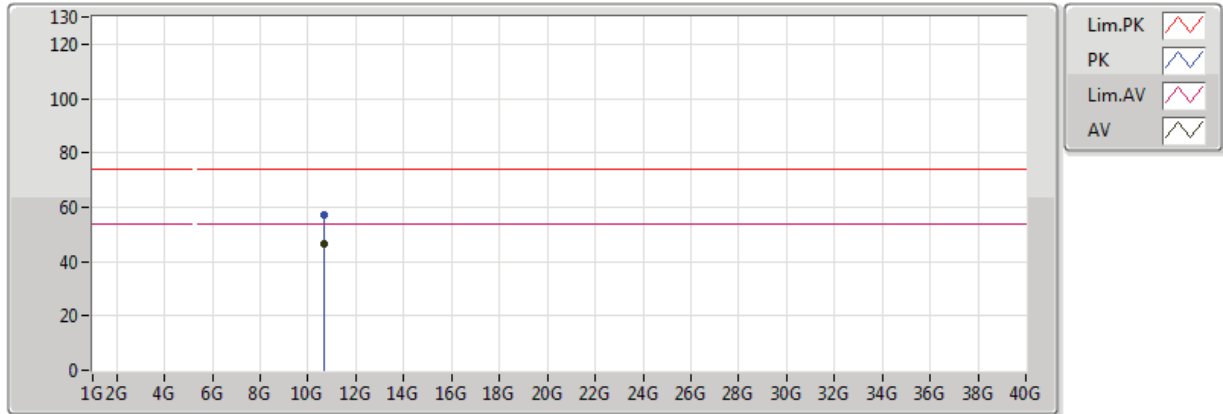


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.332G       | 87.98             | Inf               | -Inf           | 5.03           | 3           | Horizontal | 339            | 1.02          | -        |  |  |  |  |
| AV   | 5.3502G      | 53.10             | 54.00             | -0.90          | 5.06           | 3           | Horizontal | 339            | 1.02          | -        |  |  |  |  |
| PK   | 5.3324G      | 95.97             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 339            | 1.02          | -        |  |  |  |  |
| PK   | 5.3506G      | 65.03             | 74.00             | -8.97          | 5.06           | 3           | Horizontal | 339            | 1.02          | -        |  |  |  |  |

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

## 5335MHz\_TX

04/11/2017

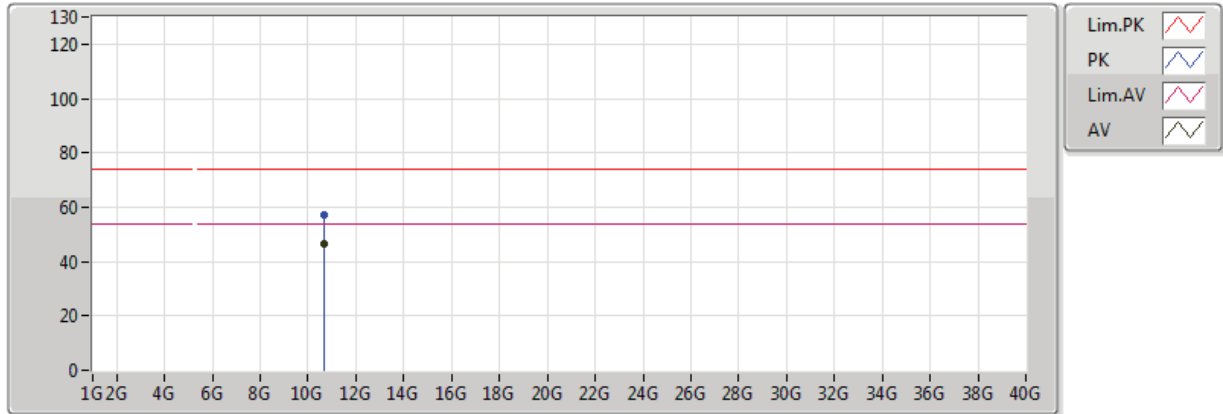


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.6947G | 46.60    | 54.00    | -7.40  | 15.90  | 3    | Vertical  | 125     | 1.78   | -        |  |  |  |  |
| PK   | 10.6729G | 57.24    | 74.00    | -16.76 | 15.85  | 3    | Vertical  | 125     | 1.78   | -        |  |  |  |  |

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

### 5335MHz\_TX

04/11/2017

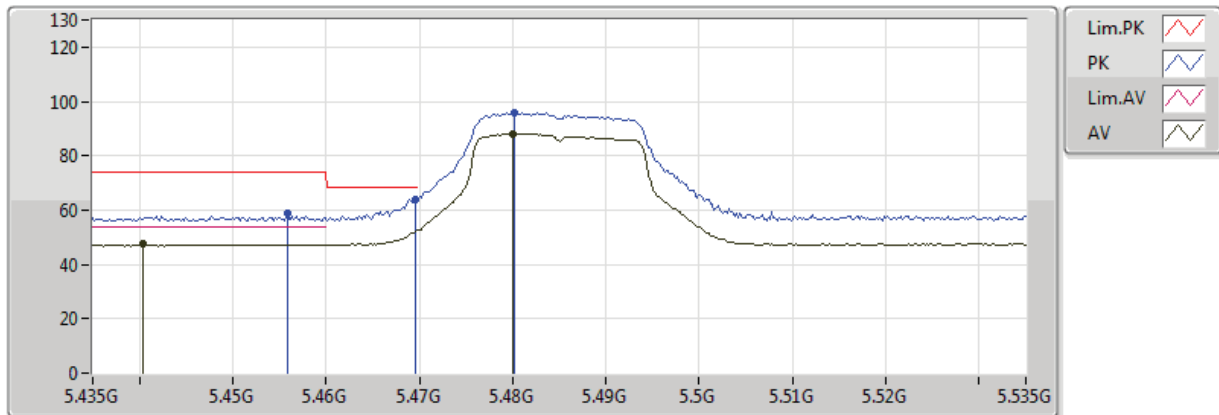


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.6884G | 46.67    | 54.00    | -7.33  | 15.89  | 3    | Horizontal | 308     | 1.68   | -        |  |  |  |  |
| PK   | 10.6674G | 57.42    | 74.00    | -16.58 | 15.84  | 3    | Horizontal | 308     | 1.68   | -        |  |  |  |  |

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

### 5485MHz\_TX

04/11/2017

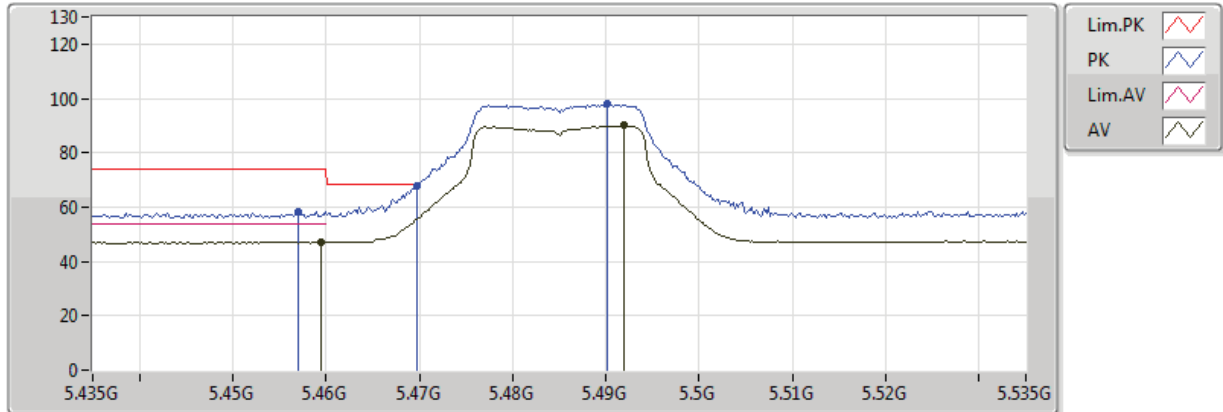


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4404G      | 47.39             | 54.00             | -6.61          | 5.18           | 3           | Vertical  | 336            | 1.00          | -        |  |  |  |  |
| AV   | 5.48G        | 88.15             | Inf               | -Inf           | 5.23           | 3           | Vertical  | 336            | 1.00          | -        |  |  |  |  |
| PK   | 5.4558G      | 58.82             | 74.00             | -15.18         | 5.20           | 3           | Vertical  | 336            | 1.00          | -        |  |  |  |  |
| PK   | 5.4696G      | 64.15             | 68.20             | -4.05          | 5.22           | 3           | Vertical  | 336            | 1.00          | -        |  |  |  |  |
| PK   | 5.4802G      | 95.83             | Inf               | -Inf           | 5.23           | 3           | Vertical  | 336            | 1.00          | -        |  |  |  |  |

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

### 5485MHz\_TX

04/11/2017

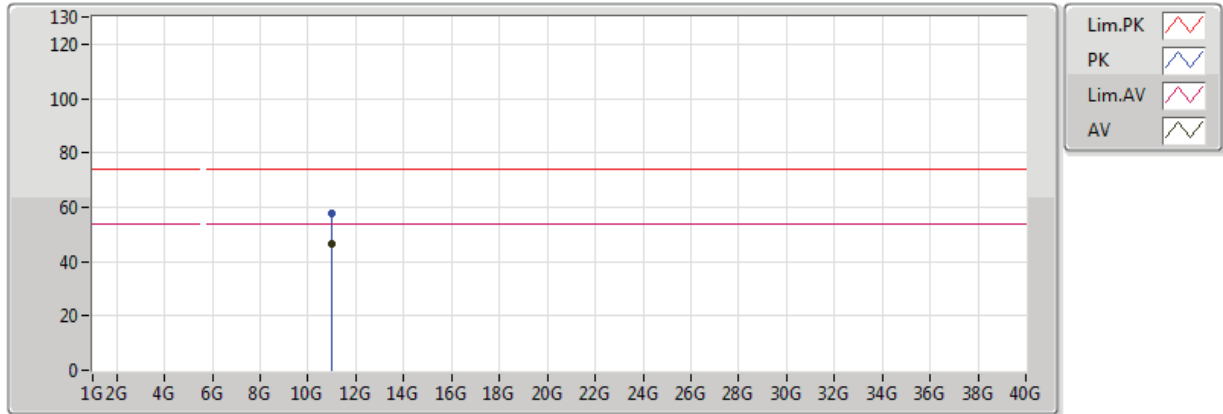


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4594G      | 47.09             | 54.00             | -6.91          | 5.21           | 3           | Horizontal | 339            | 1.00          | -        |  |  |  |  |
| AV   | 5.492G       | 89.94             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 339            | 1.00          | -        |  |  |  |  |
| PK   | 5.457G       | 58.42             | 74.00             | -15.58         | 5.20           | 3           | Horizontal | 339            | 1.00          | -        |  |  |  |  |
| PK   | 5.4698G      | 67.79             | 68.20             | -0.41          | 5.22           | 3           | Horizontal | 339            | 1.00          | -        |  |  |  |  |
| PK   | 5.4902G      | 98.07             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 339            | 1.00          | -        |  |  |  |  |

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

### 5485MHz\_TX

04/11/2017

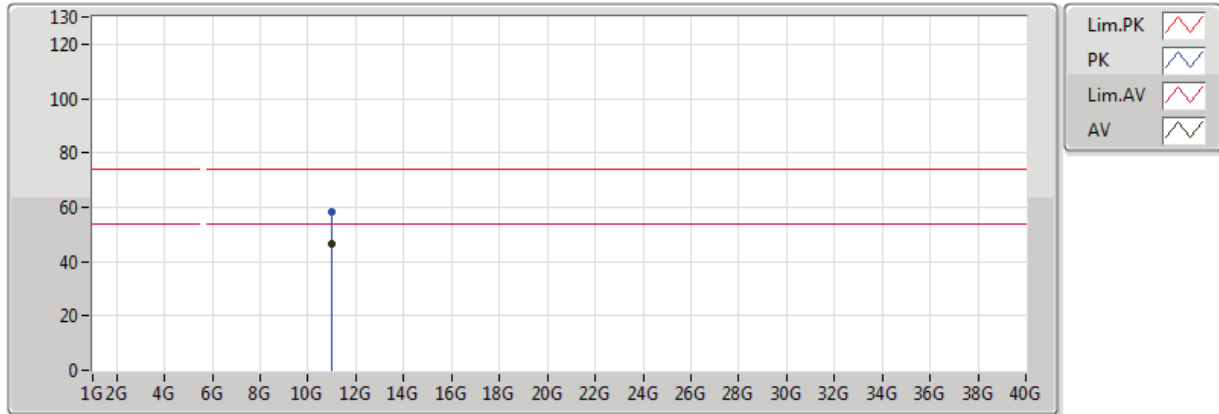


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.982G      | 46.68             | 54.00             | -7.32          | 16.53          | 3           | Vertical  | 42             | 1.40          | -        |  |  |  |  |
| PK   | 10.96544G    | 57.51             | 74.00             | -16.49         | 16.49          | 3           | Vertical  | 42             | 1.40          | -        |  |  |  |  |

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

### 5485MHz\_TX

04/11/2017

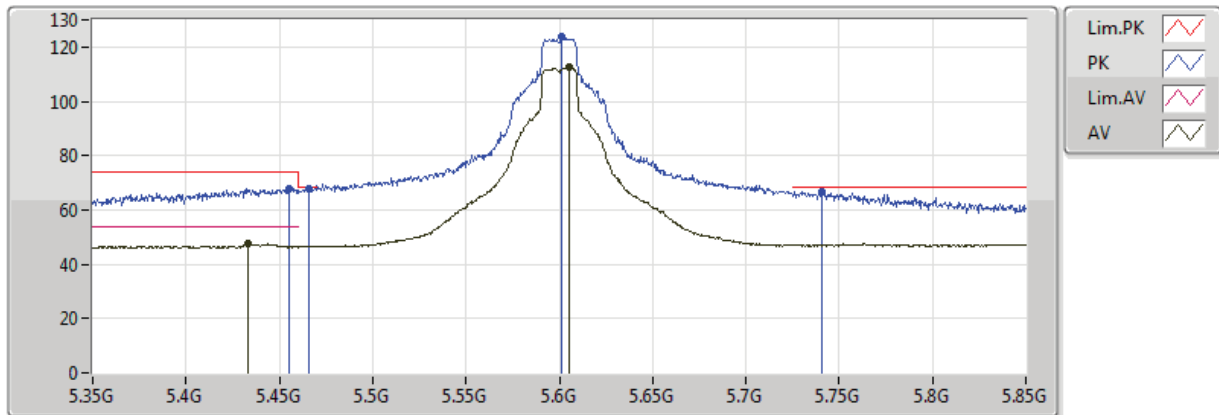


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.96748G    | 46.74             | 54.00             | -7.26          | 16.50          | 3           | Horizontal | 238            | 2.07          | -        |  |  |  |  |
| PK   | 10.97312G    | 58.23             | 74.00             | -15.77         | 16.51          | 3           | Horizontal | 238            | 2.07          | -        |  |  |  |  |

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

## 5600MHz\_TX

03/11/2017

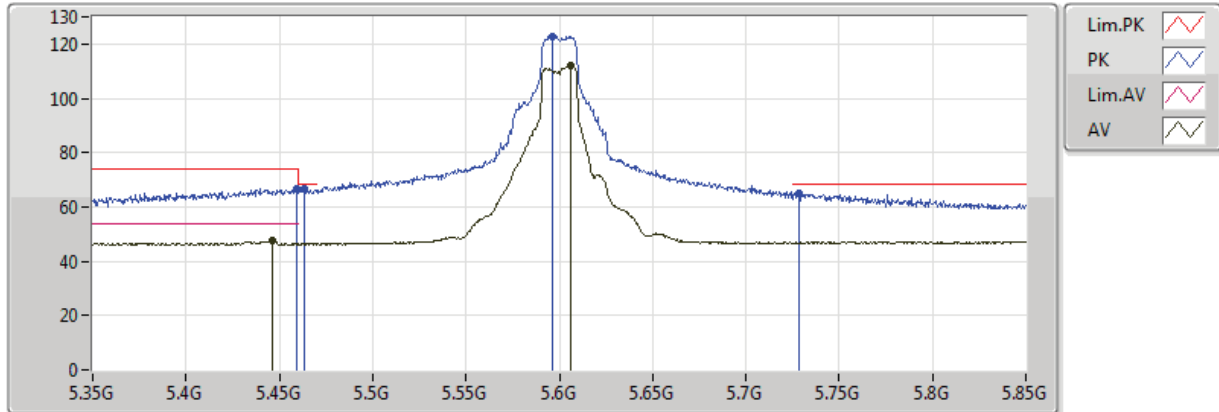


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.433G       | 47.51             | 54.00             | -6.49          | 5.17           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| AV   | 5.605G       | 112.45            | Inf               | -Inf           | 5.52           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.455G       | 67.77             | 74.00             | -6.23          | 5.20           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.466G       | 67.94             | 68.20             | -0.26          | 5.22           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.6015G      | 123.75            | Inf               | -Inf           | 5.51           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |
| PK   | 5.741G       | 66.77             | 68.20             | -1.43          | 5.87           | 3           | Vertical  | 357            | 1.01          | -        |  |  |  |  |

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

## 5600MHz\_TX

03/11/2017

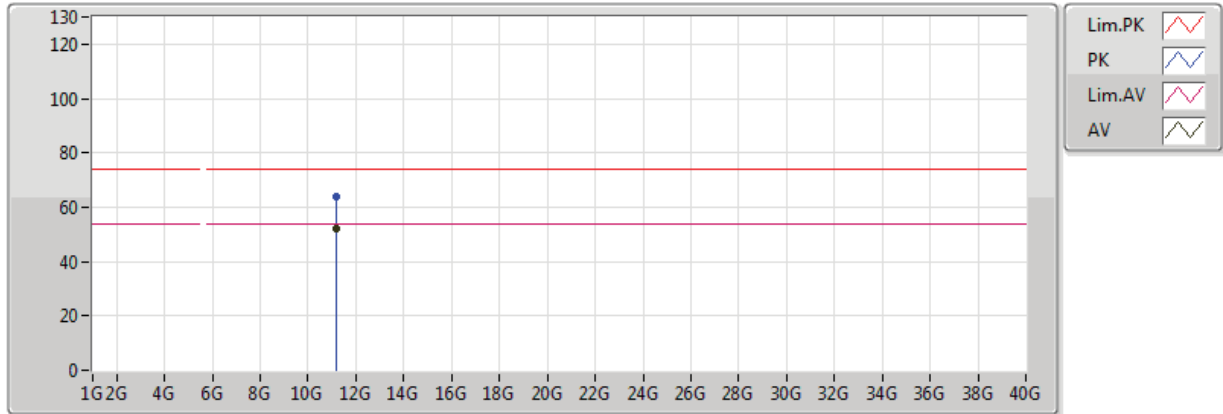


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.446G       | 47.40             | 54.00             | -6.60          | 5.19           | 3           | Horizontal | 1              | 2.56          | -        |  |  |  |  |
| AV   | 5.6065G      | 112.09            | Inf               | -Inf           | 5.53           | 3           | Horizontal | 1              | 2.56          | -        |  |  |  |  |
| PK   | 5.4595G      | 66.82             | 74.00             | -7.18          | 5.21           | 3           | Horizontal | 1              | 2.56          | -        |  |  |  |  |
| PK   | 5.4635G      | 66.94             | 68.20             | -1.26          | 5.21           | 3           | Horizontal | 1              | 2.56          | -        |  |  |  |  |
| PK   | 5.596G       | 122.92            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 1              | 2.56          | -        |  |  |  |  |
| PK   | 5.7285G      | 65.05             | 68.20             | -3.15          | 5.84           | 3           | Horizontal | 1              | 2.56          | -        |  |  |  |  |

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

## 5600MHz\_TX

03/11/2017

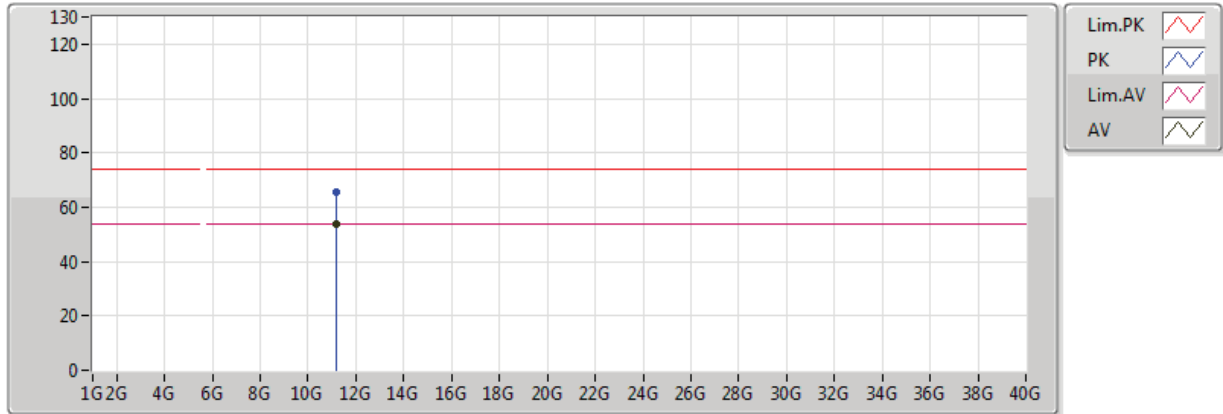


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.19868G    | 52.35             | 54.00             | -1.65          | 16.44          | 3           | Vertical  | 170            | 1.13          | -        |  |  |  |  |
| PK   | 11.19694G    | 63.78             | 74.00             | -10.22         | 16.44          | 3           | Vertical  | 170            | 1.13          | -        |  |  |  |  |

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

## 5600MHz\_TX

03/11/2017

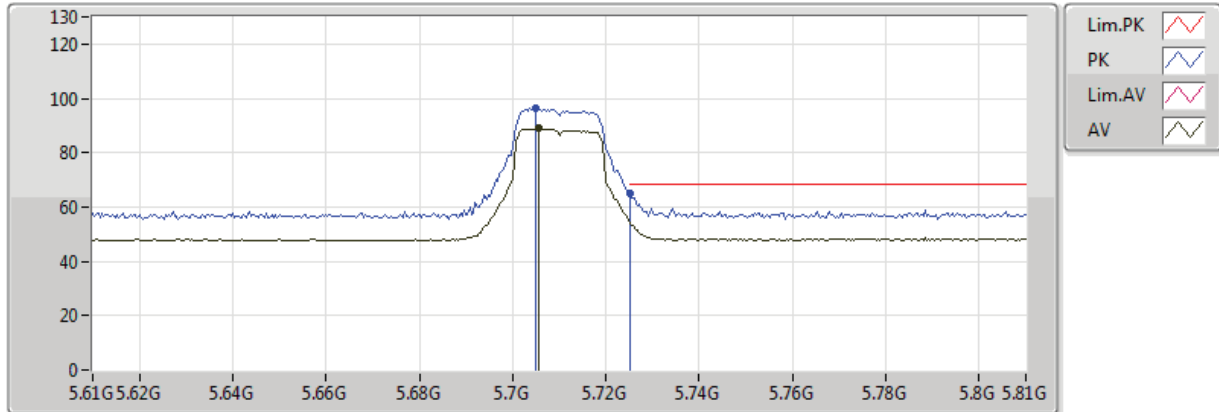


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.19844G    | 53.61             | 54.00             | -0.39          | 16.44          | 3           | Horizontal | 176            | 1.01          | -        |  |  |  |  |
| PK   | 11.19838G    | 65.36             | 74.00             | -8.64          | 16.44          | 3           | Horizontal | 176            | 1.01          | -        |  |  |  |  |

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

## 5710MHz\_TX

04/11/2017

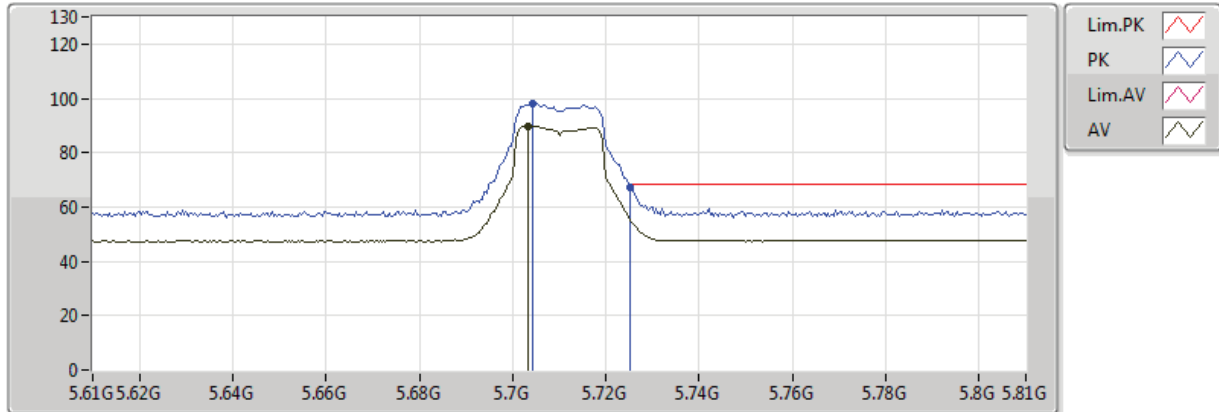


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.7056G      | 88.84             | Inf               | -Inf           | 5.78           | 3           | Vertical  | 332            | 1.06          | -        |
| PK   | 5.7048G      | 96.60             | Inf               | -Inf           | 5.78           | 3           | Vertical  | 332            | 1.06          | -        |
| PK   | 5.7252G      | 65.20             | 68.20             | -3.00          | 5.83           | 3           | Vertical  | 332            | 1.06          | -        |

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

## 5710MHz\_TX

04/11/2017

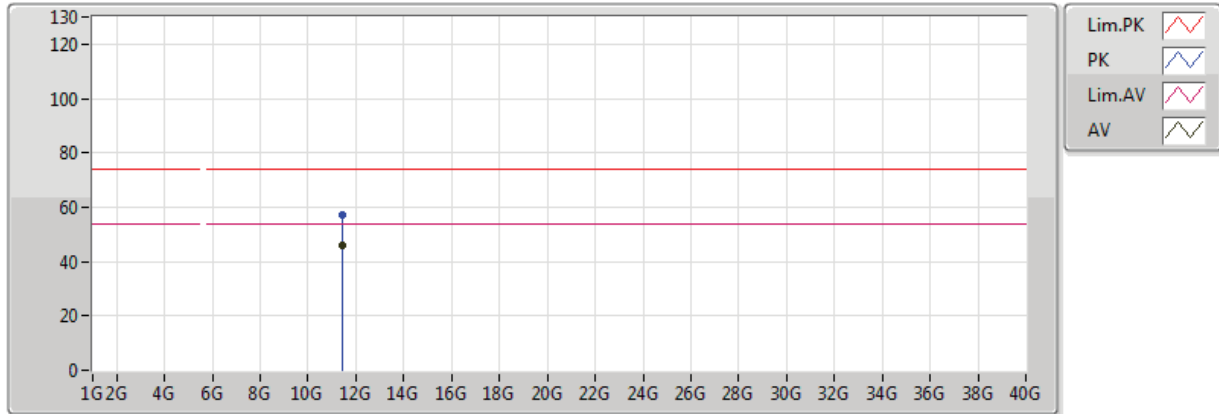


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.7032G      | 89.83             | Inf               | -Inf           | 5.78           | 3           | Horizontal | 336            | 1.00          | -        |  |  |  |  |
| PK   | 5.7044G      | 98.28             | Inf               | -Inf           | 5.78           | 3           | Horizontal | 336            | 1.00          | -        |  |  |  |  |
| PK   | 5.7252G      | 67.35             | 68.20             | -0.85          | 5.83           | 3           | Horizontal | 336            | 1.00          | -        |  |  |  |  |

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

### 5710MHz\_TX

04/11/2017

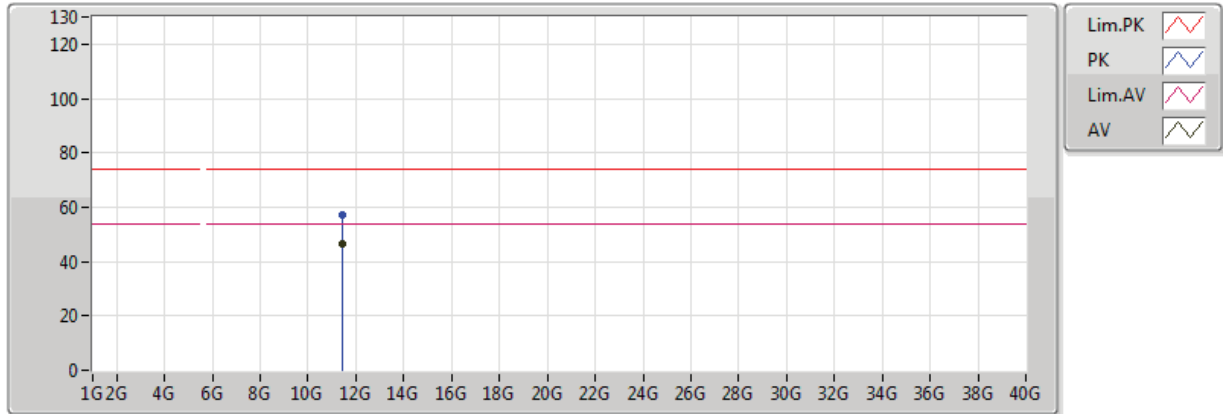


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.40698G    | 46.21             | 54.00             | -7.79          | 16.05          | 3           | Vertical  | 214            | 1.18          | -        |  |  |  |  |
| PK   | 11.41016G    | 57.23             | 74.00             | -16.77         | 16.04          | 3           | Vertical  | 214            | 1.18          | -        |  |  |  |  |

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

### 5710MHz\_TX

04/11/2017

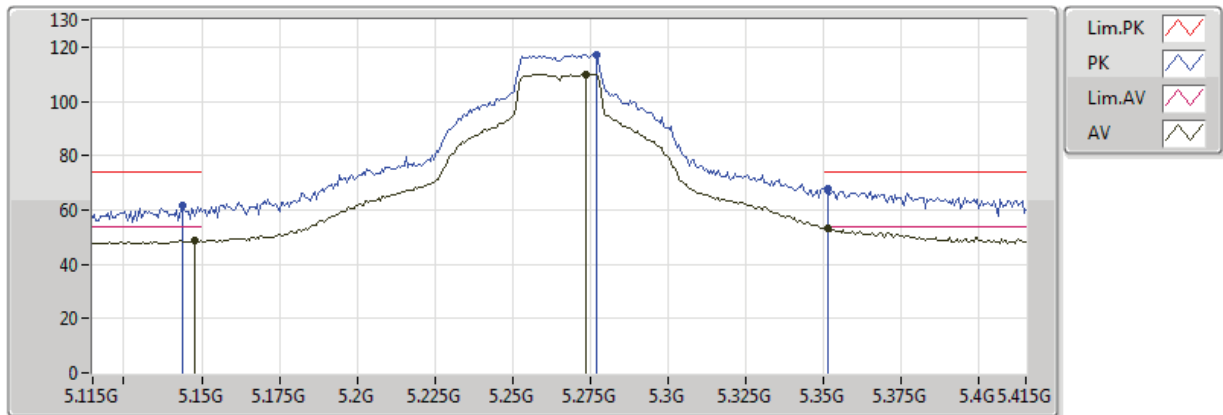


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.42594G    | 46.23             | 54.00             | -7.77          | 16.02          | 3           | Horizontal | 264            | 1.79          | -        |  |  |  |  |
| PK   | 11.42654G    | 57.20             | 74.00             | -16.80         | 16.02          | 3           | Horizontal | 264            | 1.79          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5265MHz\_TX

04/11/2017

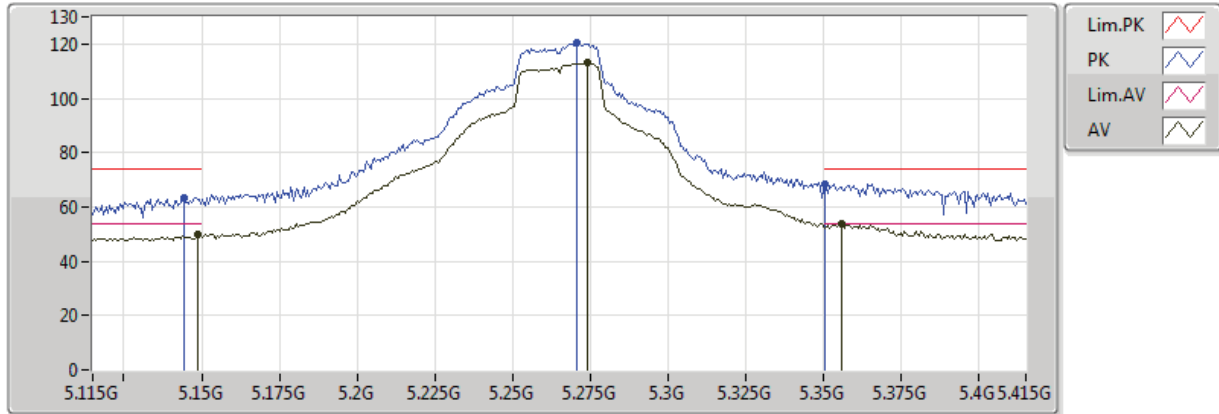


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.148G       | 48.59             | 54.00             | -5.41          | 4.79           | 3           | Vertical  | 355            | 1.22          | -        |
| AV   | 5.2734G      | 109.80            | Inf               | -Inf           | 4.96           | 3           | Vertical  | 355            | 1.22          | -        |
| AV   | 5.3514G      | 53.44             | 54.00             | -0.56          | 5.06           | 3           | Vertical  | 355            | 1.22          | -        |
| PK   | 5.1438G      | 61.58             | 74.00             | -12.42         | 4.78           | 3           | Vertical  | 355            | 1.22          | -        |
| PK   | 5.277G       | 117.22            | Inf               | -Inf           | 4.96           | 3           | Vertical  | 355            | 1.22          | -        |
| PK   | 5.3514G      | 67.63             | 74.00             | -6.37          | 5.06           | 3           | Vertical  | 355            | 1.22          | -        |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5265MHz\_TX

04/11/2017

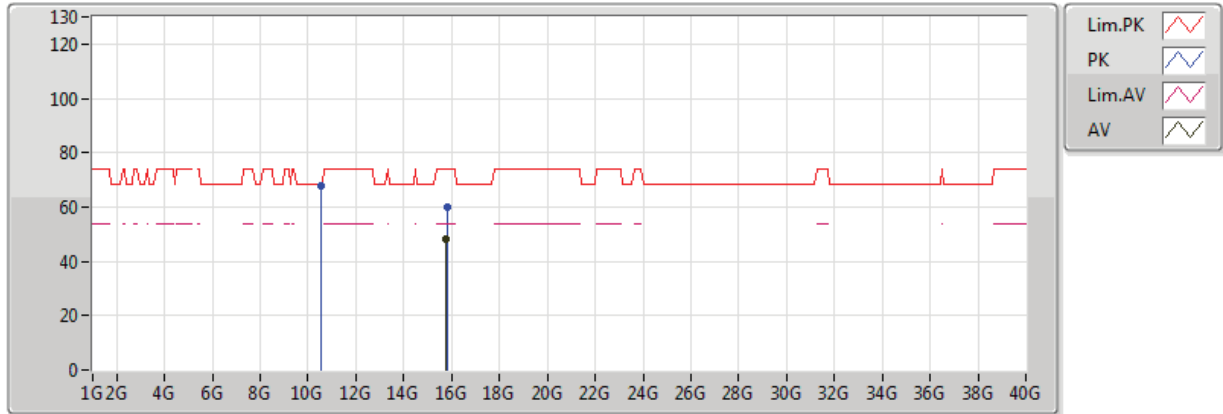


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.1486G      | 50.03             | 54.00             | -3.97          | 4.79           | 3           | Horizontal | 356            | 2.65          | -        |
| AV   | 5.274G       | 112.91            | Inf               | -Inf           | 4.96           | 3           | Horizontal | 356            | 2.65          | -        |
| AV   | 5.3556G      | 53.63             | 54.00             | -0.37          | 5.07           | 3           | Horizontal | 356            | 2.65          | -        |
| PK   | 5.1444G      | 63.26             | 74.00             | -10.74         | 4.78           | 3           | Horizontal | 356            | 2.65          | -        |
| PK   | 5.2704G      | 120.63            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 356            | 2.65          | -        |
| PK   | 5.3502G      | 68.59             | 74.00             | -5.41          | 5.06           | 3           | Horizontal | 356            | 2.65          | -        |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5265MHz\_TX

10/11/2017

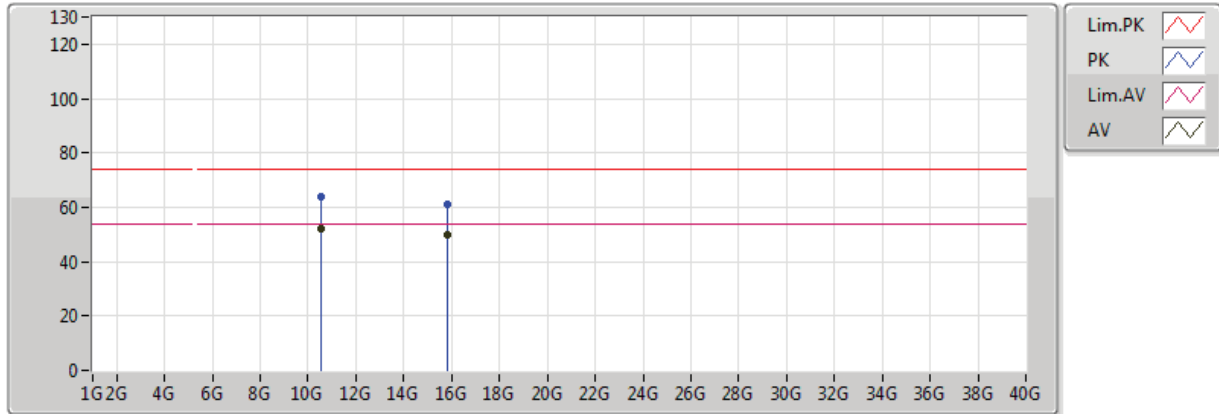


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 15.7746G     | 48.11             | 54.00             | -5.89          | 16.34          | 3           | Vertical  | 82             | 3.34          | -        |  |  |  |  |
| PK   | 10.5313G     | 67.78             | 68.20             | -0.42          | 15.54          | 3           | Vertical  | 149            | 3.61          | -        |  |  |  |  |
| PK   | 15.811G      | 59.81             | 74.00             | -14.19         | 16.21          | 3           | Vertical  | 82             | 3.34          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5265MHz\_TX

04/11/2017

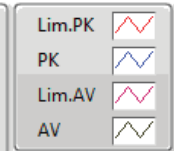
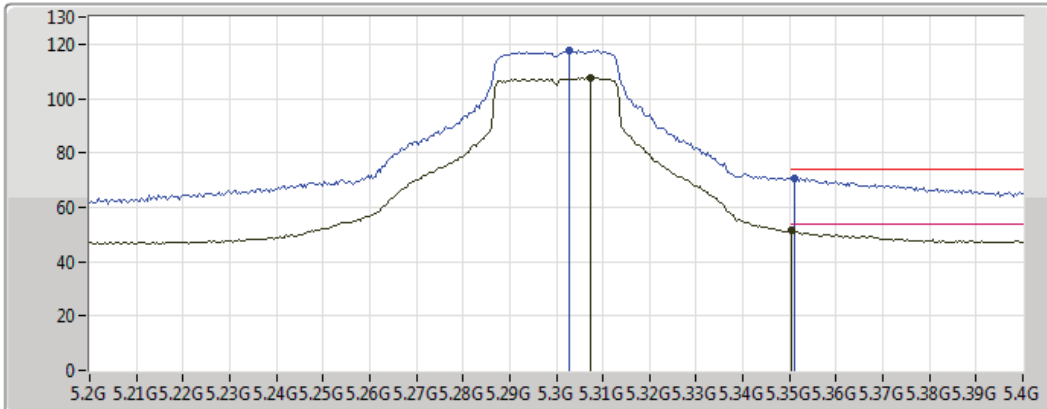


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.5318G     | 52.07             | 54.00             | -1.93          | 15.54          | 3           | Horizontal | 79             | 3.23          | -        |  |  |  |  |
| AV   | 15.8069G     | 50.05             | 54.00             | -3.95          | 16.23          | 3           | Horizontal | 82             | 3.43          | -        |  |  |  |  |
| PK   | 10.5358G     | 63.69             | 74.00             | -10.31         | 15.55          | 3           | Horizontal | 79             | 3.23          | -        |  |  |  |  |
| PK   | 15.8068G     | 61.07             | 74.00             | -12.93         | 16.23          | 3           | Horizontal | 82             | 3.43          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

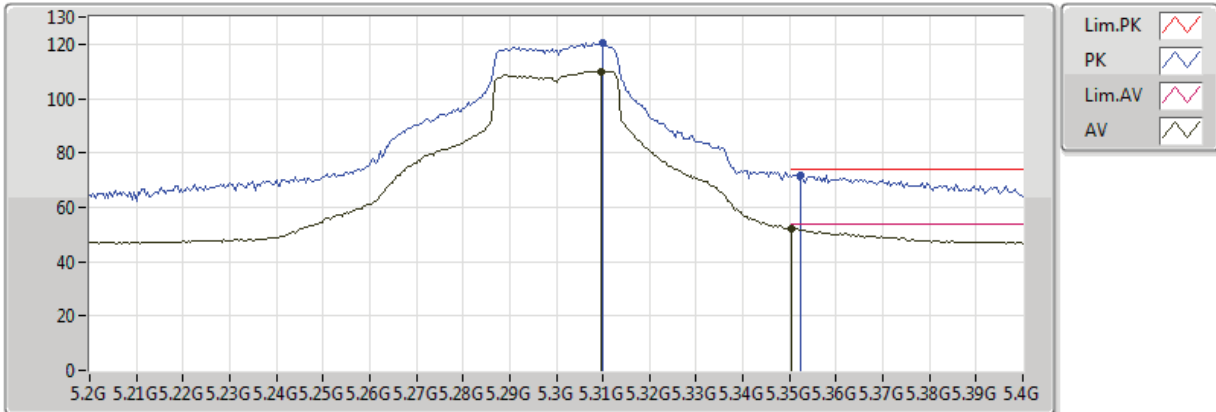


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.3072G      | 107.46            | Inf               | -Inf           | 5.00           | 3           | Vertical  | 356            | 1.03          | -        |
| AV   | 5.3504G      | 51.30             | 54.00             | -2.70          | 5.06           | 3           | Vertical  | 356            | 1.03          | -        |
| PK   | 5.3028G      | 117.62            | Inf               | -Inf           | 4.99           | 3           | Vertical  | 356            | 1.03          | -        |
| PK   | 5.3512G      | 70.72             | 74.00             | -3.28          | 5.06           | 3           | Vertical  | 356            | 1.03          | -        |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5300MHz\_TX

03/11/2017

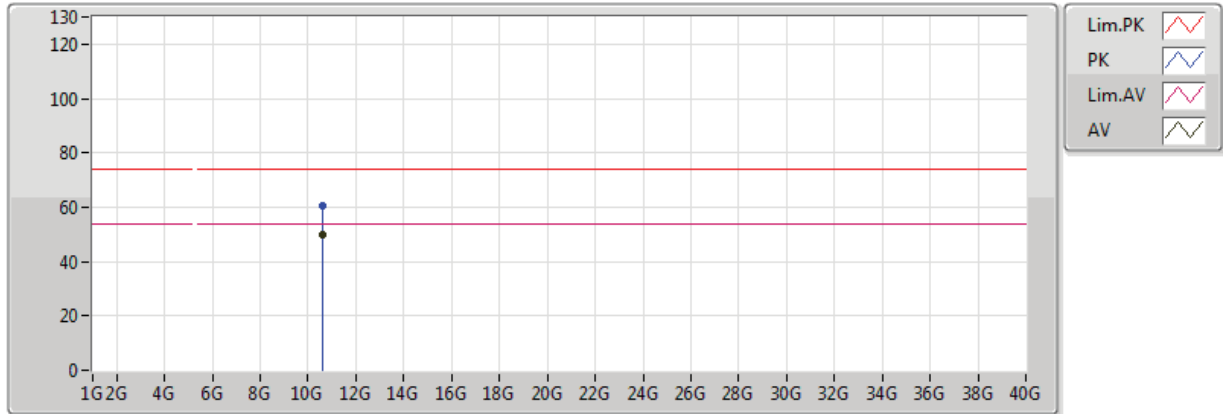


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.3096G      | 110.04            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 360            | 1.01          | -        |
| AV   | 5.3504G      | 52.38             | 54.00             | -1.62          | 5.06           | 3           | Horizontal | 360            | 1.01          | -        |
| PK   | 5.31G        | 120.32            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 360            | 1.01          | -        |
| PK   | 5.3524G      | 71.86             | 74.00             | -2.14          | 5.06           | 3           | Horizontal | 360            | 1.01          | -        |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

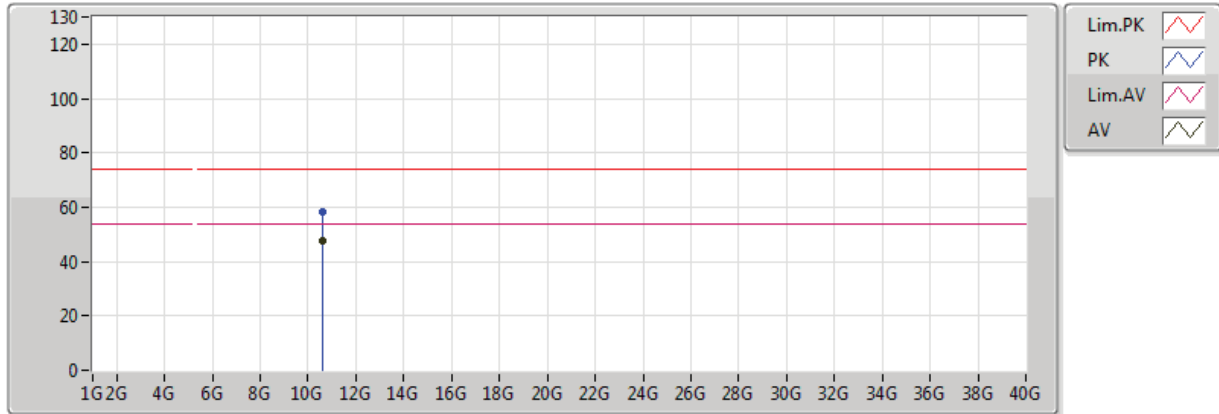


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.6015G     | 49.66             | 54.00             | -4.34          | 15.80          | 3           | Vertical  | 178            | 1.01          | -        |  |  |  |  |
| PK   | 10.60366G    | 60.44             | 74.00             | -13.56         | 15.80          | 3           | Vertical  | 178            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

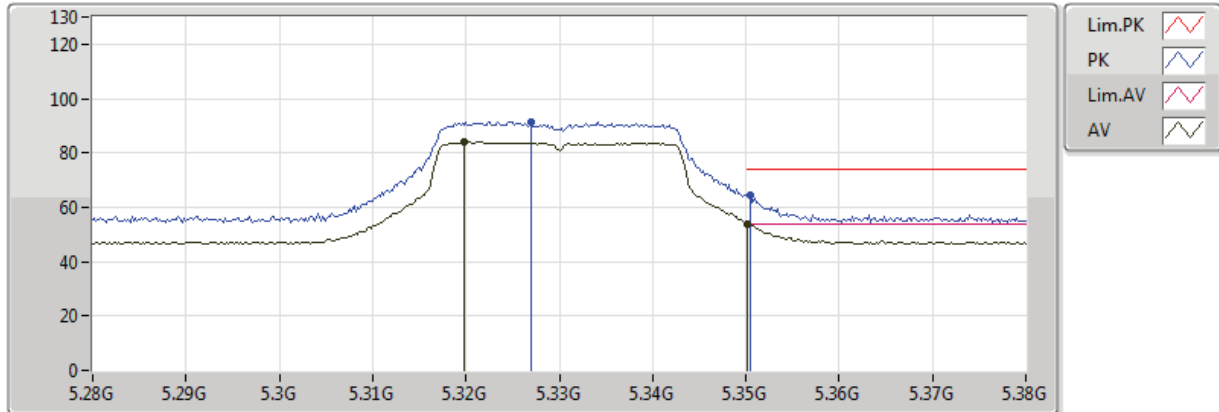


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.60108G    | 47.65             | 54.00             | -6.35          | 15.80          | 3           | Horizontal | 180            | 1.03          | -        |  |  |  |  |
| PK   | 10.60618G    | 58.40             | 74.00             | -15.60         | 15.81          | 3           | Horizontal | 180            | 1.03          | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5330MHz\_TX

04/11/2017

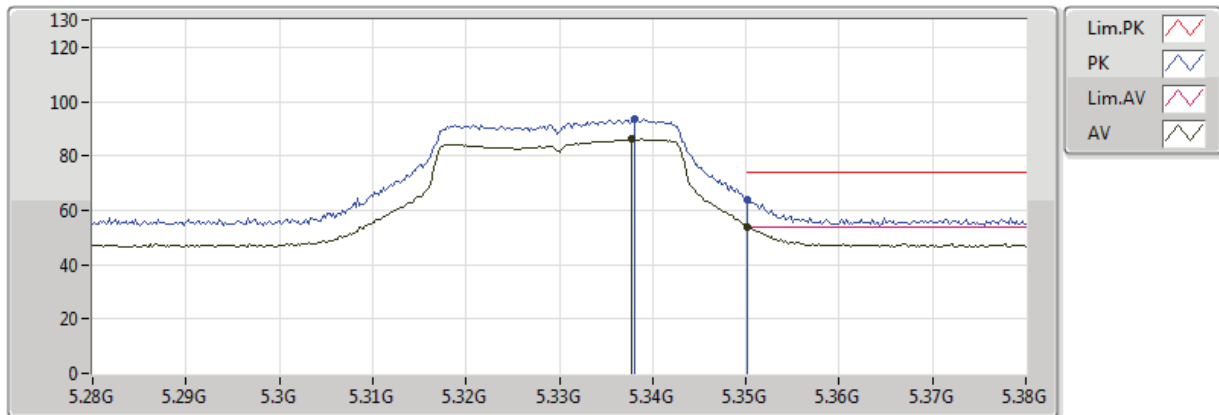


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3198G      | 84.06             | Inf               | -Inf           | 5.02           | 3           | Vertical  | 353            | 1.02          | -        |  |  |  |  |
| AV   | 5.3502G      | 53.78             | 54.00             | -0.22          | 5.06           | 3           | Vertical  | 353            | 1.02          | -        |  |  |  |  |
| PK   | 5.327G       | 91.49             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 353            | 1.02          | -        |  |  |  |  |
| PK   | 5.3504G      | 64.49             | 74.00             | -9.51          | 5.06           | 3           | Vertical  | 353            | 1.02          | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5330MHz\_TX

04/11/2017

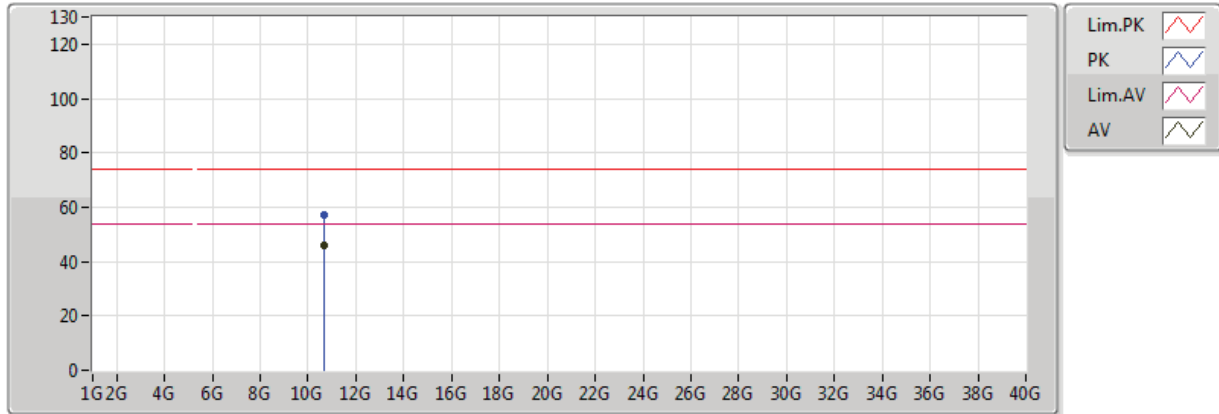


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3378G      | 86.10             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 352            | 1.50          | -        |  |  |  |  |
| AV   | 5.3502G      | 53.80             | 54.00             | -0.20          | 5.06           | 3           | Horizontal | 352            | 1.50          | -        |  |  |  |  |
| PK   | 5.338G       | 93.45             | Inf               | -Inf           | 5.04           | 3           | Horizontal | 352            | 1.50          | -        |  |  |  |  |
| PK   | 5.3502G      | 63.72             | 74.00             | -10.28         | 5.06           | 3           | Horizontal | 352            | 1.50          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5330MHz\_TX

04/11/2017

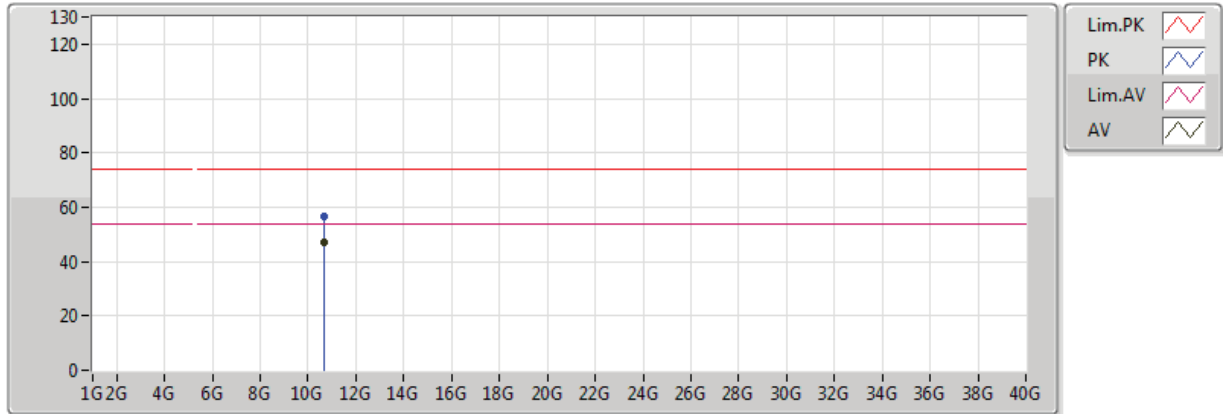


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.66756G    | 46.04             | 54.00             | -7.96          | 15.84          | 3           | Vertical  | 336            | 1.21          | -        |  |  |  |  |
| PK   | 10.64578G    | 57.38             | 74.00             | -16.62         | 15.79          | 3           | Vertical  | 336            | 1.21          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5330MHz\_TX

04/11/2017

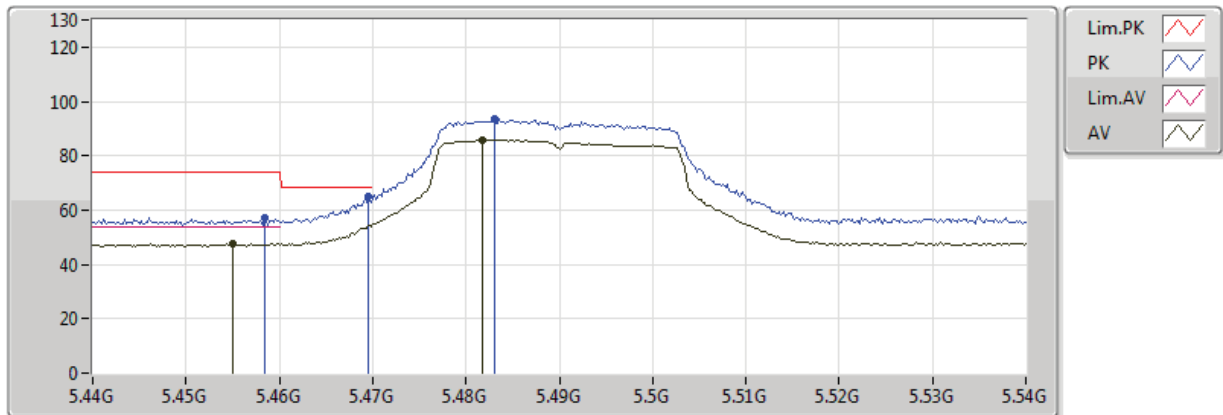


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.64614G    | 47.12             | 54.00             | -6.88          | 15.80          | 3           | Horizontal | 58             | 1.19          | -        |  |  |  |  |
| PK   | 10.66252G    | 56.86             | 74.00             | -17.14         | 15.83          | 3           | Horizontal | 58             | 1.19          | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5490MHz\_TX

04/11/2017

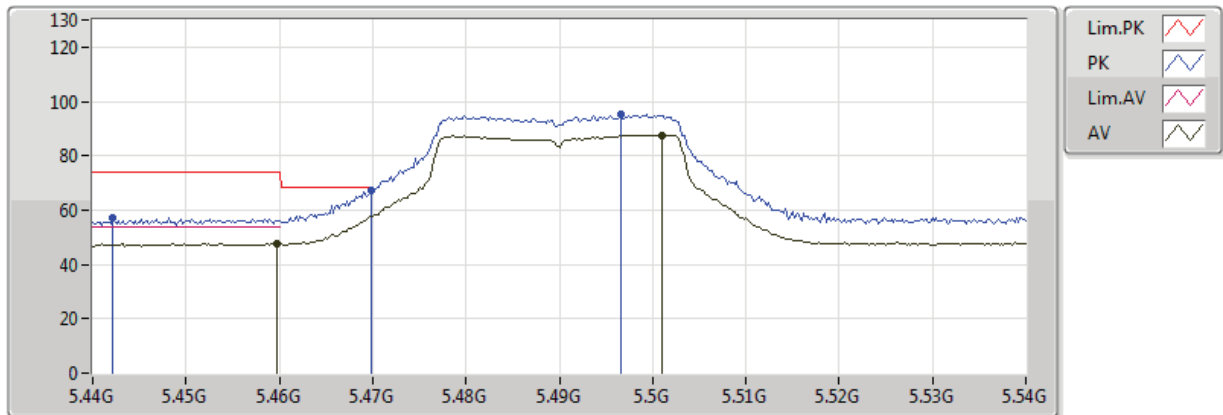


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.455G       | 47.45             | 54.00             | -6.55          | 5.20           | 3           | Vertical  | 350            | 1.05          | -        |  |  |  |  |
| AV   | 5.4818G      | 85.82             | Inf               | -Inf           | 5.24           | 3           | Vertical  | 350            | 1.05          | -        |  |  |  |  |
| PK   | 5.4584G      | 57.13             | 74.00             | -16.87         | 5.21           | 3           | Vertical  | 350            | 1.05          | -        |  |  |  |  |
| PK   | 5.4696G      | 64.82             | 68.20             | -3.38          | 5.22           | 3           | Vertical  | 350            | 1.05          | -        |  |  |  |  |
| PK   | 5.483G       | 93.49             | Inf               | -Inf           | 5.24           | 3           | Vertical  | 350            | 1.05          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5490MHz\_TX

04/11/2017

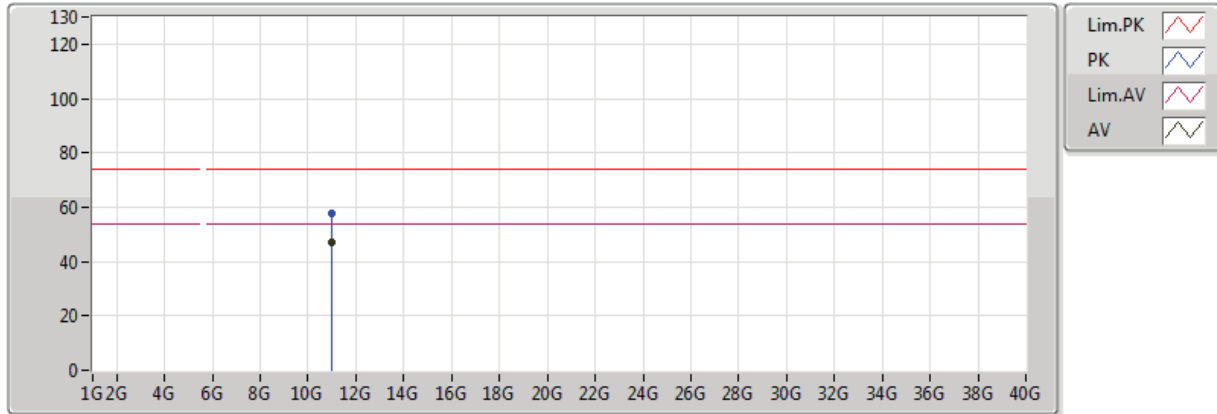


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4598G      | 47.78             | 54.00             | -6.22          | 5.21           | 3           | Horizontal | 353            | 1.01          | -        |  |  |  |  |
| AV   | 5.501G       | 87.68             | Inf               | -Inf           | 5.26           | 3           | Horizontal | 353            | 1.01          | -        |  |  |  |  |
| PK   | 5.4422G      | 57.12             | 74.00             | -16.88         | 5.18           | 3           | Horizontal | 353            | 1.01          | -        |  |  |  |  |
| PK   | 5.4698G      | 67.30             | 68.20             | -0.90          | 5.22           | 3           | Horizontal | 353            | 1.01          | -        |  |  |  |  |
| PK   | 5.4966G      | 95.12             | Inf               | -Inf           | 5.26           | 3           | Horizontal | 353            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5490MHz\_TX

04/11/2017

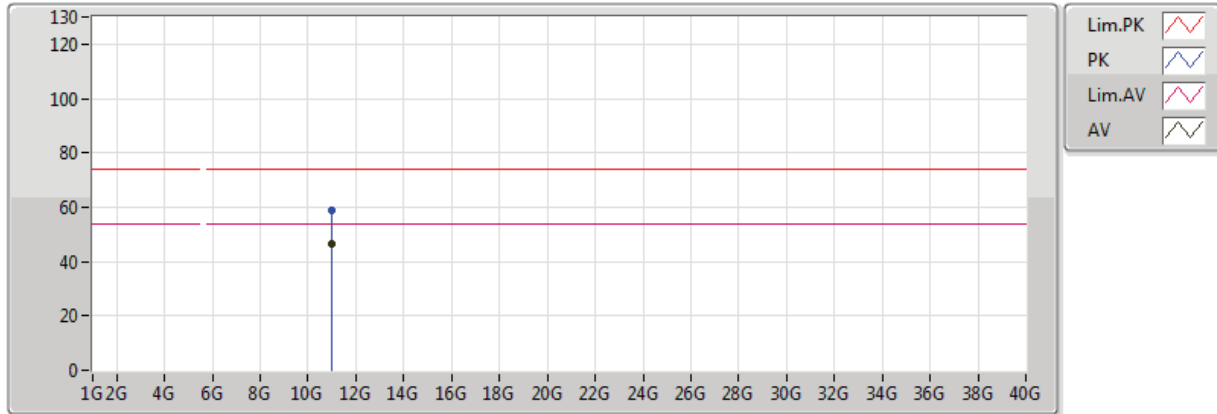


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.98684G    | 46.83             | 54.00             | -7.17          | 16.54          | 3           | Vertical  | 290            | 1.16          | -        |  |  |  |  |
| PK   | 10.96764G    | 57.54             | 74.00             | -16.46         | 16.50          | 3           | Vertical  | 290            | 1.16          | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5490MHz\_TX

04/11/2017

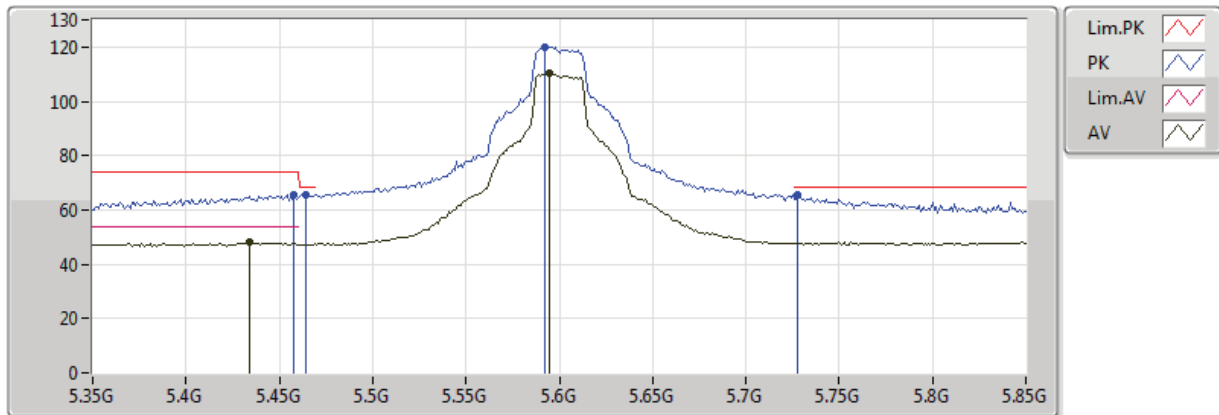


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.98696G    | 46.77             | 54.00             | -7.23          | 16.54          | 3           | Horizontal | 293            | 1.71          | -        |  |  |  |  |
| PK   | 10.96776G    | 58.60             | 74.00             | -15.40         | 16.50          | 3           | Horizontal | 293            | 1.71          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

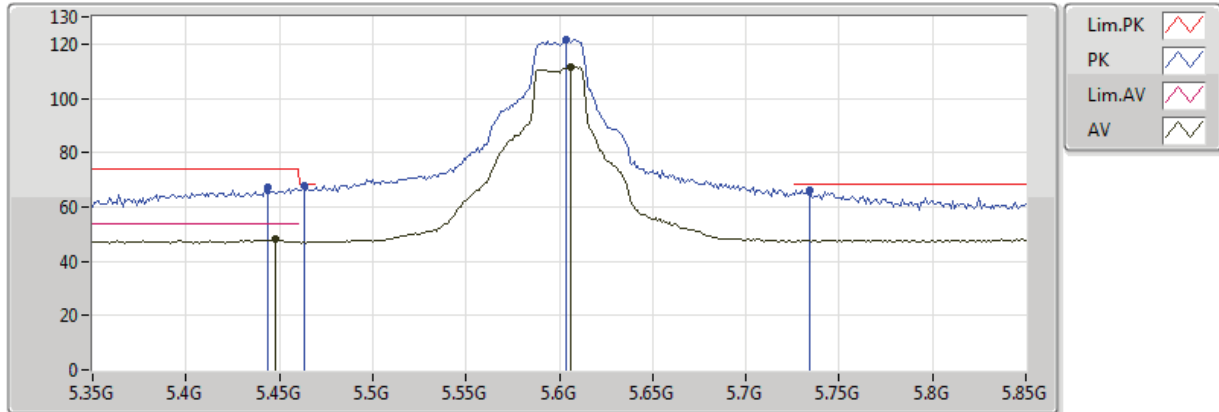


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.434G       | 47.96             | 54.00             | -6.04          | 5.17           | 3           | Vertical  | 352            | 1.01          | -        |  |  |  |  |
| AV   | 5.595G       | 110.14            | Inf               | -Inf           | 5.50           | 3           | Vertical  | 352            | 1.01          | -        |  |  |  |  |
| PK   | 5.458G       | 65.39             | 74.00             | -8.61          | 5.21           | 3           | Vertical  | 352            | 1.01          | -        |  |  |  |  |
| PK   | 5.464G       | 65.78             | 68.20             | -2.42          | 5.21           | 3           | Vertical  | 352            | 1.01          | -        |  |  |  |  |
| PK   | 5.592G       | 119.89            | Inf               | -Inf           | 5.49           | 3           | Vertical  | 352            | 1.01          | -        |  |  |  |  |
| PK   | 5.728G       | 65.41             | 68.20             | -2.79          | 5.84           | 3           | Vertical  | 352            | 1.01          | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

03/11/2017

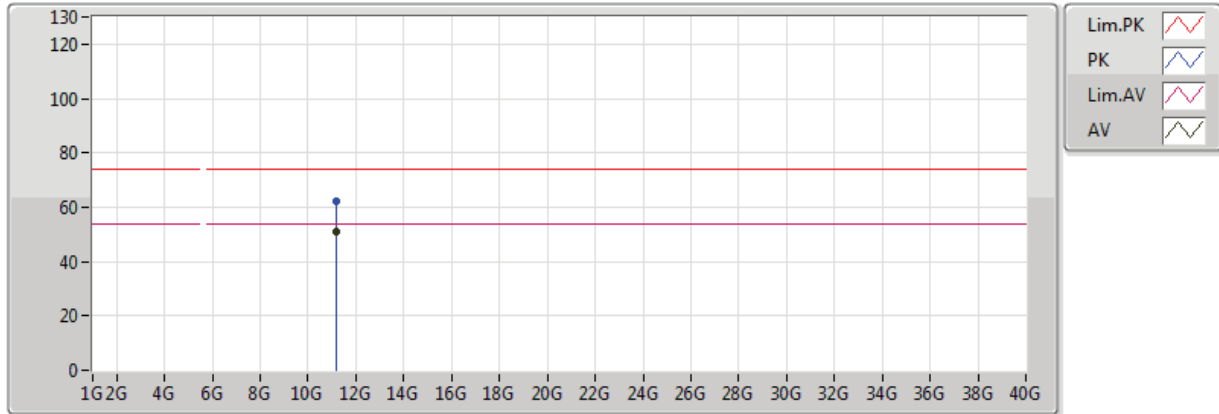


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.448G       | 47.93             | 54.00             | -6.07          | 5.19           | 3           | Horizontal | 358            | 2.46          | -        |
| AV   | 5.606G       | 111.57            | Inf               | -Inf           | 5.53           | 3           | Horizontal | 358            | 2.46          | -        |
| PK   | 5.444G       | 67.06             | 74.00             | -6.94          | 5.19           | 3           | Horizontal | 358            | 2.46          | -        |
| PK   | 5.463G       | 68.00             | 68.20             | -0.20          | 5.21           | 3           | Horizontal | 358            | 2.46          | -        |
| PK   | 5.604G       | 121.66            | Inf               | -Inf           | 5.52           | 3           | Horizontal | 358            | 2.46          | -        |
| PK   | 5.734G       | 66.26             | 68.20             | -1.94          | 5.85           | 3           | Horizontal | 358            | 2.46          | -        |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

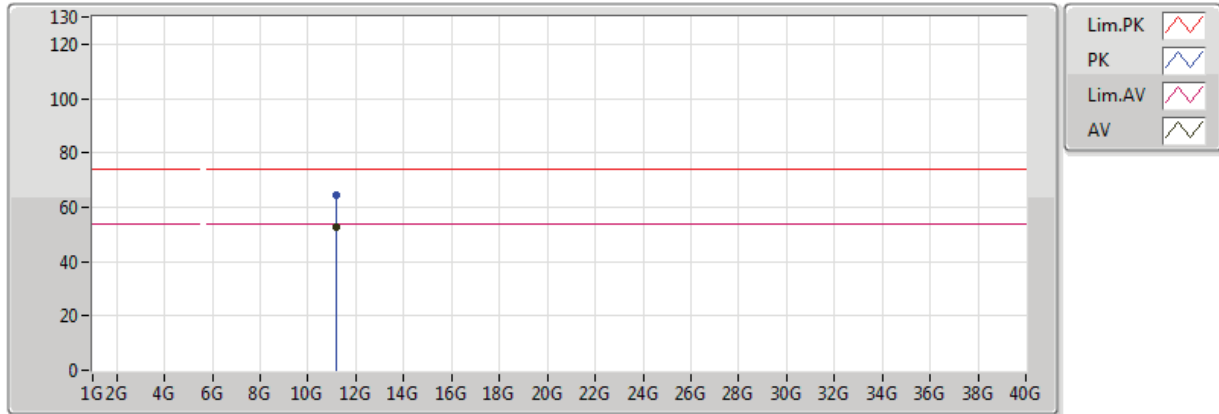


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.19832G | 51.01    | 54.00    | -2.99  | 16.44  | 3    | Vertical  | 173     | 1.04   | -        |  |  |  |  |
| PK   | 11.1946G  | 61.97    | 74.00    | -12.03 | 16.44  | 3    | Vertical  | 173     | 1.04   | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

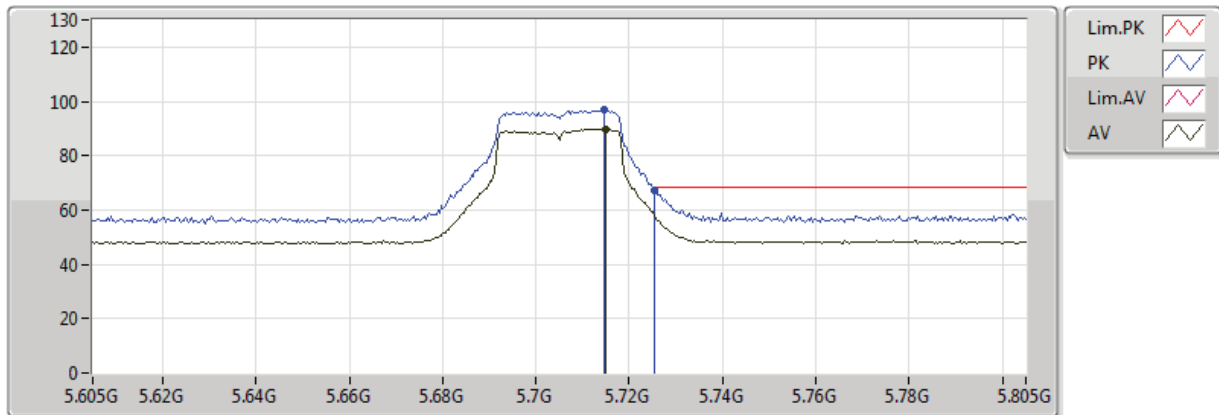


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.19856G | 52.40    | 54.00    | -1.60  | 16.44  | 3    | Horizontal | 175     | 1.01   | -        |  |  |  |  |
| PK   | 11.197G   | 64.19    | 74.00    | -9.81  | 16.44  | 3    | Horizontal | 175     | 1.01   | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5705MHz\_TX

04/11/2017

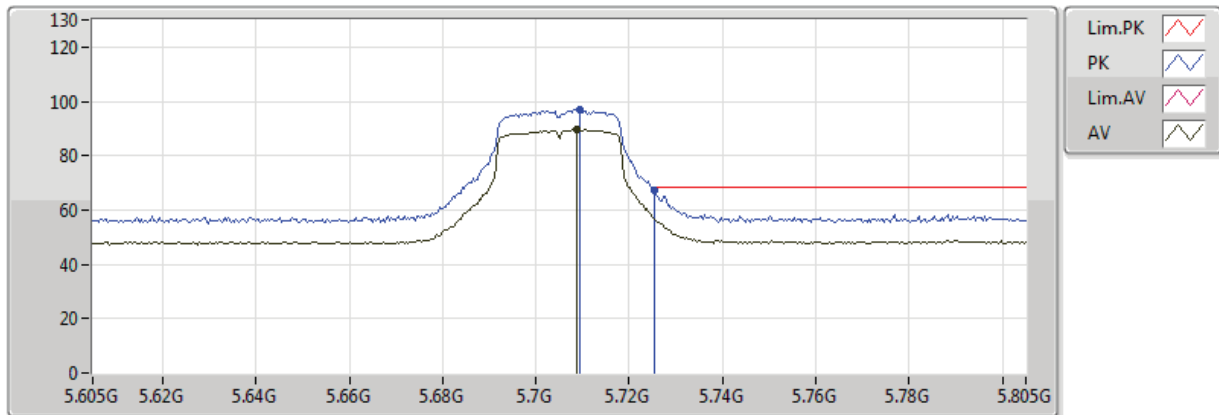


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.715G       | 89.90             | Inf               | -Inf           | 5.81           | 3           | Vertical  | 347            | 1.09          | -        |  |  |  |  |
| PK   | 5.7146G      | 97.20             | Inf               | -Inf           | 5.81           | 3           | Vertical  | 347            | 1.09          | -        |  |  |  |  |
| PK   | 5.7254G      | 67.52             | 68.20             | -0.68          | 5.83           | 3           | Vertical  | 347            | 1.09          | -        |  |  |  |  |

## 802.11ac VHT30\_Nss1,(MCS0)\_2TX

## 5705MHz\_TX

04/11/2017

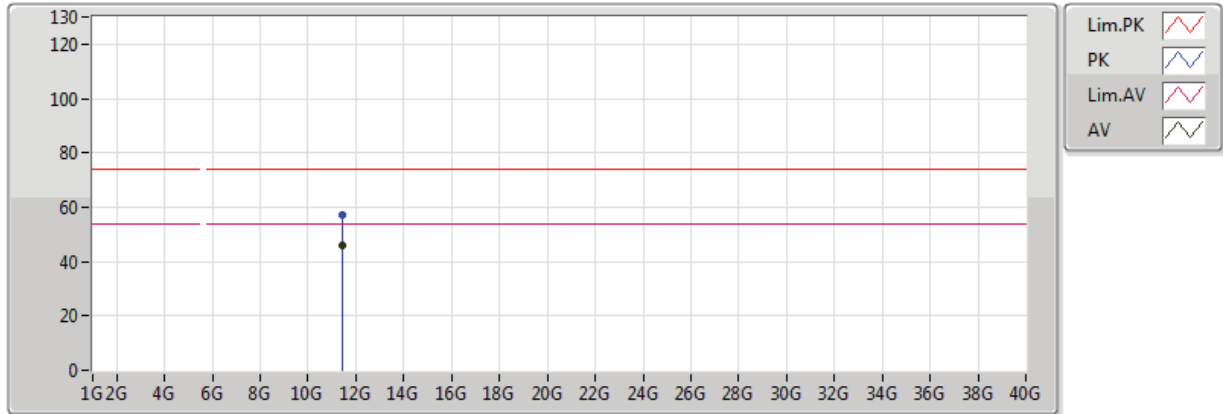


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.7086G      | 89.57             | Inf               | -Inf           | 5.79           | 3           | Horizontal | 354            | 1.03          | -        |
| PK   | 5.7094G      | 96.79             | Inf               | -Inf           | 5.79           | 3           | Horizontal | 354            | 1.03          | -        |
| PK   | 5.7254G      | 67.45             | 68.20             | -0.75          | 5.83           | 3           | Horizontal | 354            | 1.03          | -        |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5705MHz\_TX

04/11/2017

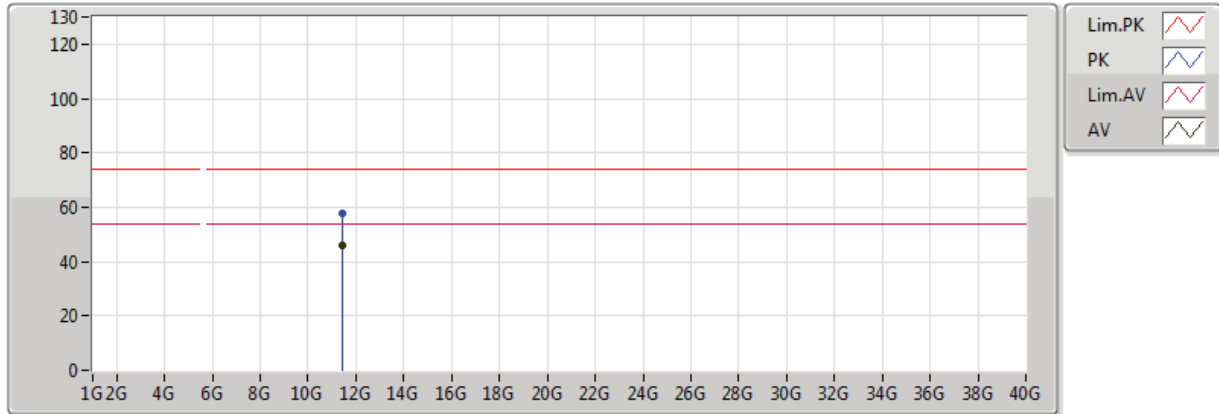


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.4076G     | 46.12             | 54.00             | -7.88          | 16.05          | 3           | Vertical  | 74             | 2.34          | -        |  |  |  |  |
| PK   | 11.42434G    | 57.11             | 74.00             | -16.89         | 16.03          | 3           | Vertical  | 74             | 2.34          | -        |  |  |  |  |

### 802.11ac VHT30\_Nss1,(MCS0)\_2TX

### 5705MHz\_TX

04/11/2017

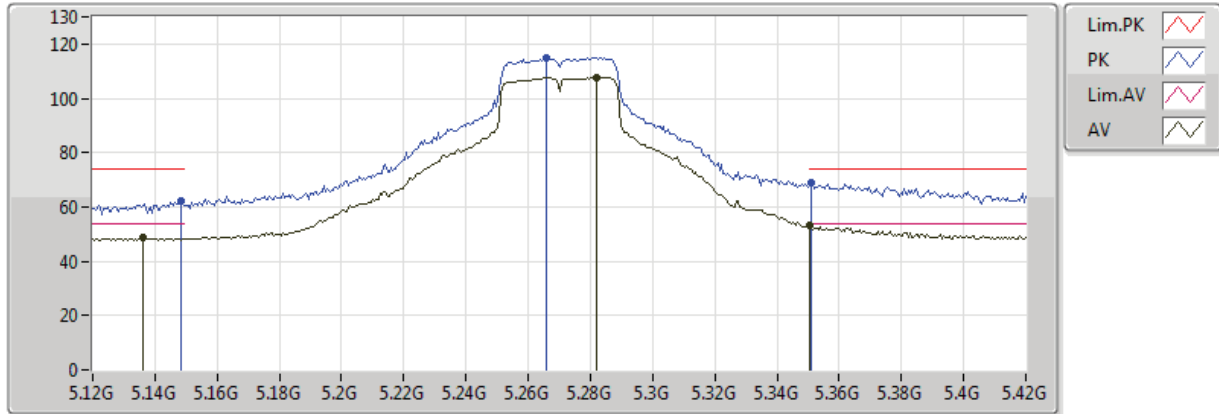


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.40946G    | 46.21             | 54.00             | -7.79          | 16.05          | 3           | Horizontal | 205            | 2.39          | -        |  |  |  |  |
| PK   | 11.41432G    | 57.52             | 74.00             | -16.48         | 16.04          | 3           | Horizontal | 205            | 2.39          | -        |  |  |  |  |

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

## 5270MHz\_TX

04/11/2017

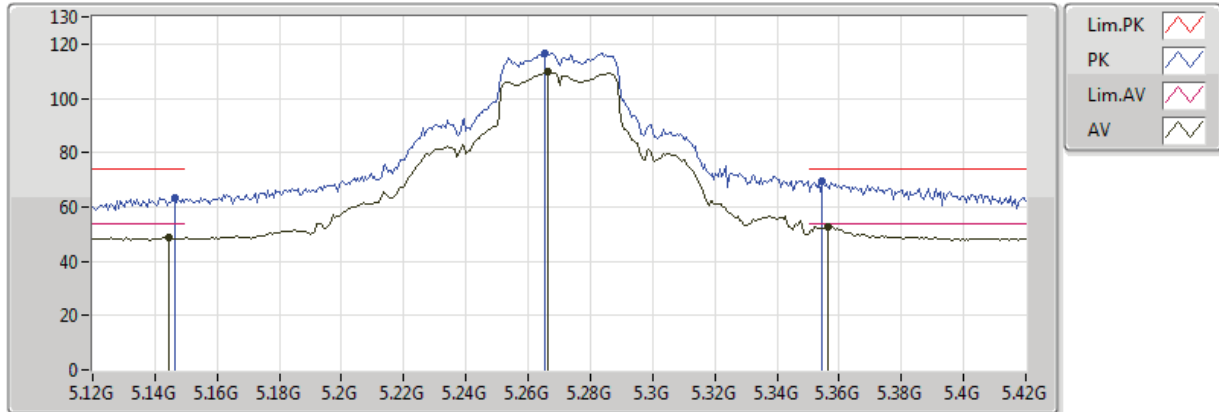


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.1362G      | 48.79             | 54.00             | -5.21          | 4.77           | 3           | Vertical  | 346            | 1.02          | -        |
| AV   | 5.282G       | 107.78            | Inf               | -Inf           | 4.97           | 3           | Vertical  | 346            | 1.02          | -        |
| AV   | 5.3504G      | 53.28             | 54.00             | -0.72          | 5.06           | 3           | Vertical  | 346            | 1.02          | -        |
| PK   | 5.1482G      | 62.15             | 74.00             | -11.85         | 4.79           | 3           | Vertical  | 346            | 1.02          | -        |
| PK   | 5.2658G      | 115.06            | Inf               | -Inf           | 4.95           | 3           | Vertical  | 346            | 1.02          | -        |
| PK   | 5.351G       | 68.99             | 74.00             | -5.01          | 5.06           | 3           | Vertical  | 346            | 1.02          | -        |

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

## 5270MHz\_TX

04/11/2017

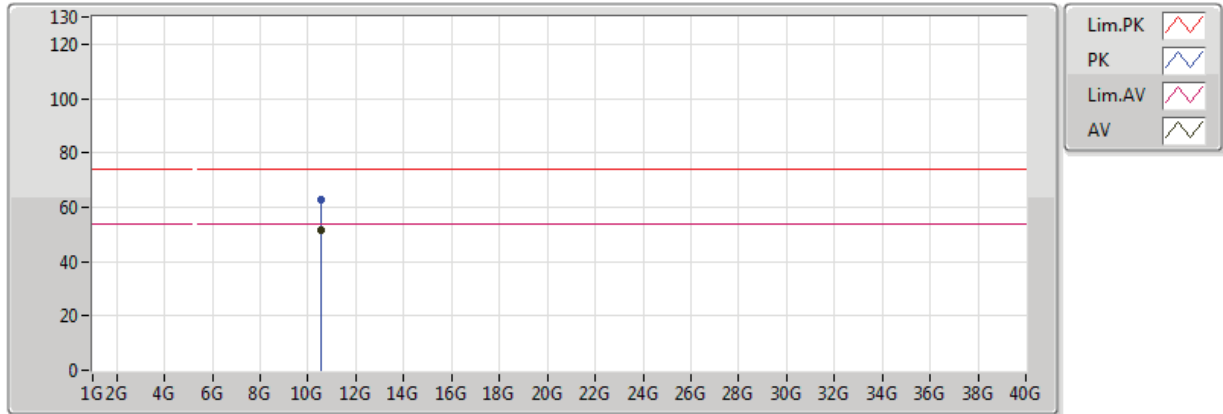


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.1446G      | 48.65             | 54.00             | -5.35          | 4.78           | 3           | Horizontal | 348            | 1.03          | -        |  |  |  |  |
| AV   | 5.2664G      | 109.55            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 348            | 1.03          | -        |  |  |  |  |
| AV   | 5.3564G      | 52.81             | 54.00             | -1.19          | 5.07           | 3           | Horizontal | 348            | 1.03          | -        |  |  |  |  |
| PK   | 5.1464G      | 63.57             | 74.00             | -10.43         | 4.78           | 3           | Horizontal | 348            | 1.03          | -        |  |  |  |  |
| PK   | 5.2652G      | 116.57            | Inf               | -Inf           | 4.94           | 3           | Horizontal | 348            | 1.03          | -        |  |  |  |  |
| PK   | 5.3546G      | 69.58             | 74.00             | -4.42          | 5.07           | 3           | Horizontal | 348            | 1.03          | -        |  |  |  |  |

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

### 5270MHz\_TX

04/11/2017

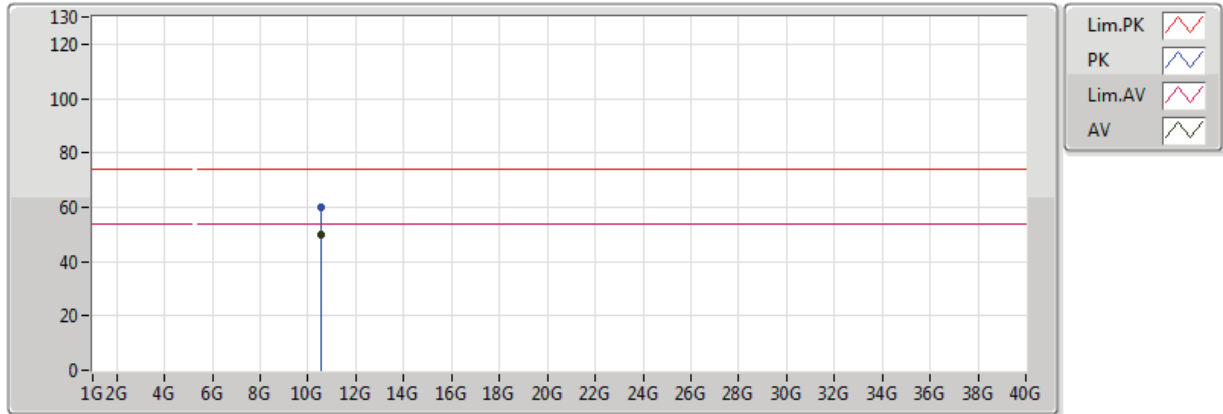


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.5212G | 51.76    | 54.00    | -2.24  | 15.52  | 3    | Vertical  | 149     | 3.64   | -        |  |  |  |  |
| PK   | 10.5214G | 62.85    | 74.00    | -11.15 | 15.52  | 3    | Vertical  | 149     | 3.64   | -        |  |  |  |  |

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

### 5270MHz\_TX

04/11/2017

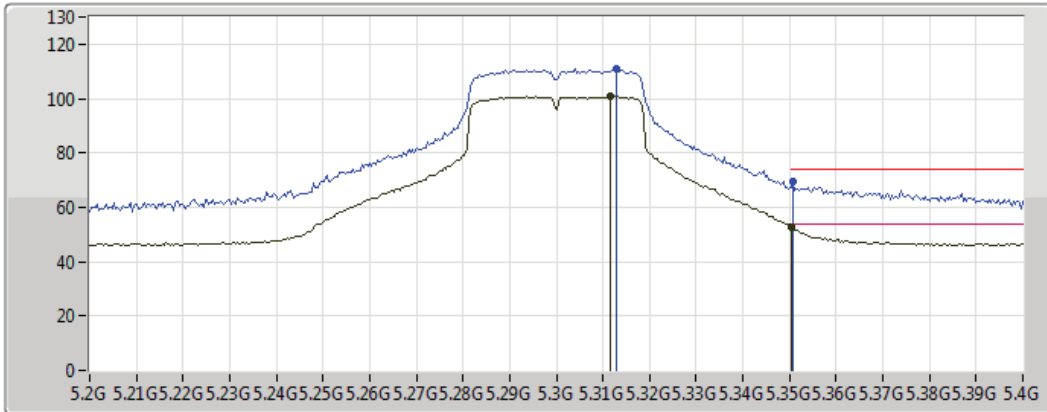


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.5196G     | 49.72             | 54.00             | -4.28          | 15.52          | 3           | Horizontal | 89             | 3.68          | -        |
| PK   | 10.5208G     | 60.09             | 74.00             | -13.91         | 15.52          | 3           | Horizontal | 89             | 3.68          | -        |

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

## 5300MHz\_TX

03/11/2017



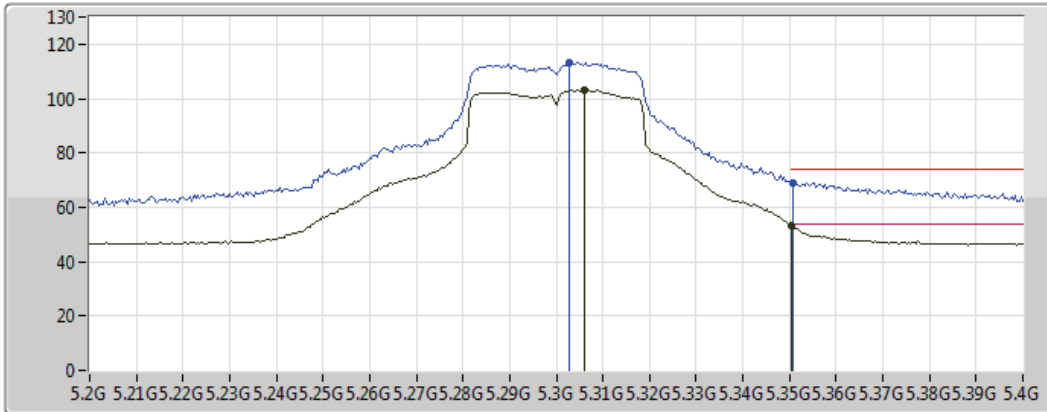
|        |                                                                                     |
|--------|-------------------------------------------------------------------------------------|
| Lim.PK |  |
| PK     |  |
| Lim.AV |  |
| AV     |  |

| 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) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3116G      | 100.95            | Inf               | -Inf           | 5.01           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |
| AV   | 5.3504G      | 52.67             | 54.00             | -1.33          | 5.06           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |
| PK   | 5.3128G      | 111.15            | Inf               | -Inf           | 5.01           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |
| PK   | 5.3508G      | 69.22             | 74.00             | -4.78          | 5.06           | 3           | Vertical  | 355            | 1.00          | -        |  |  |  |  |

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

## 5300MHz\_TX

03/11/2017

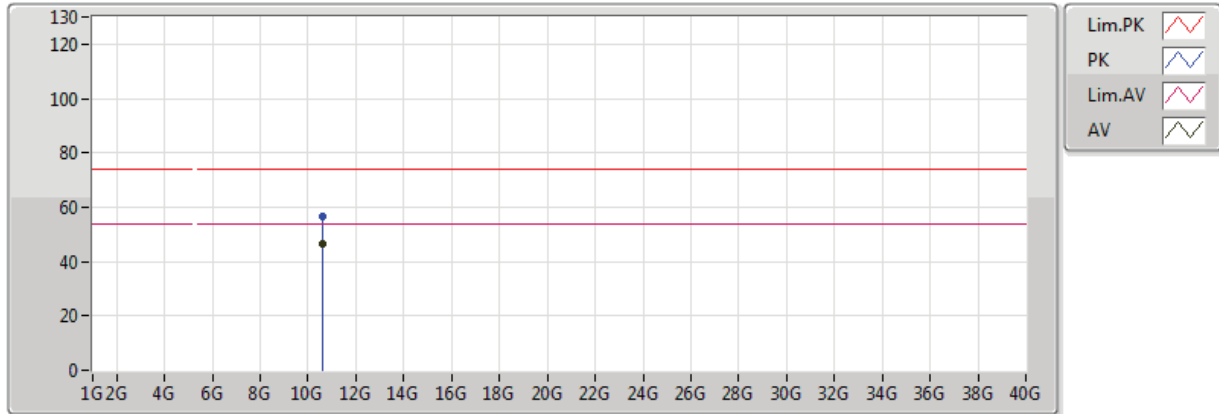


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.306G       | 102.95            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 357            | 2.39          | -        |  |  |  |  |
| AV   | 5.3504G      | 53.34             | 54.00             | -0.66          | 5.06           | 3           | Horizontal | 357            | 2.39          | -        |  |  |  |  |
| PK   | 5.3028G      | 113.38            | Inf               | -Inf           | 4.99           | 3           | Horizontal | 357            | 2.39          | -        |  |  |  |  |
| PK   | 5.3508G      | 68.66             | 74.00             | -5.34          | 5.06           | 3           | Horizontal | 357            | 2.39          | -        |  |  |  |  |

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

### 5300MHz\_TX

03/11/2017

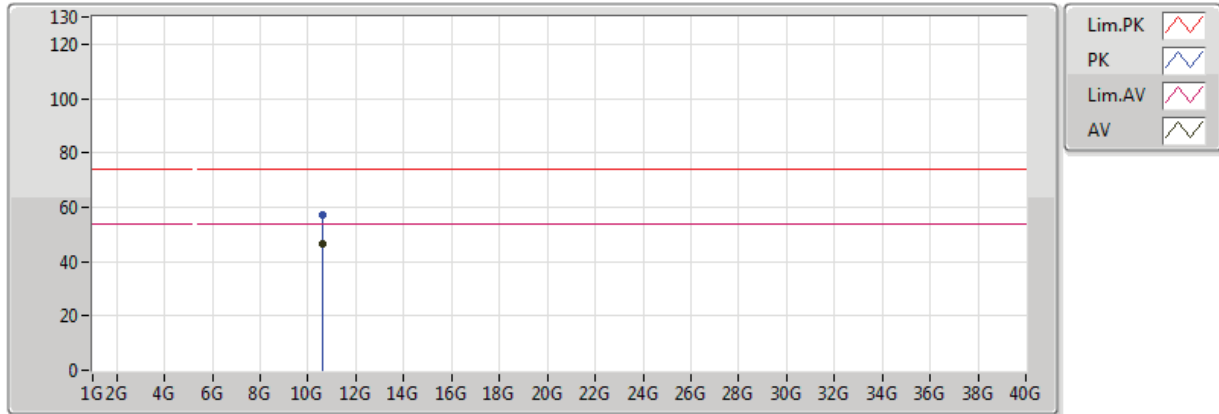


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.5806G     | 46.28             | 54.00             | -7.72          | 15.75          | 3           | Vertical  | 183            | 1.03          | -        |  |  |  |  |
| PK   | 10.5951G     | 56.51             | 74.00             | -17.49         | 15.78          | 3           | Vertical  | 183            | 1.03          | -        |  |  |  |  |

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

### 5300MHz\_TX

03/11/2017

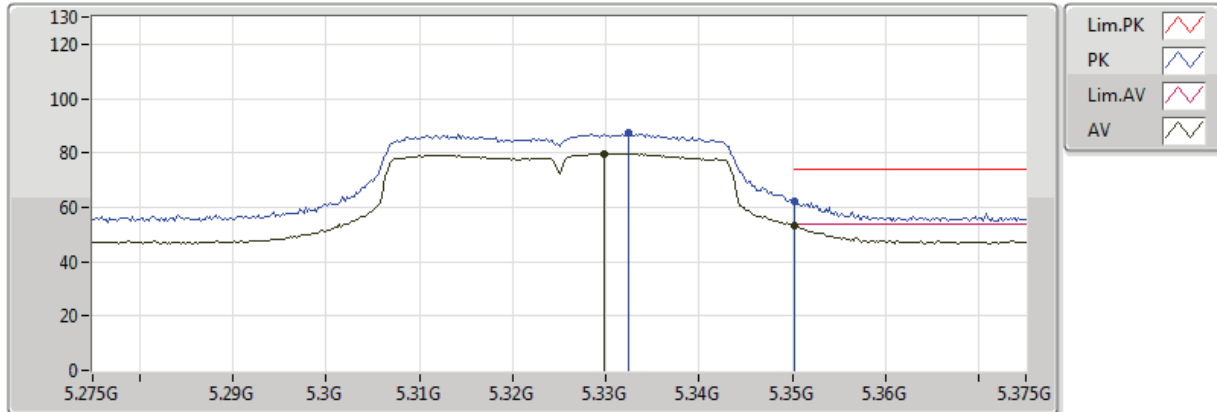


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.5789G | 46.27    | 54.00    | -7.73  | 15.75  | 3    | Horizontal | 182     | 1.05   | -        |  |  |  |  |
| PK   | 10.5795G | 57.12    | 74.00    | -16.88 | 15.75  | 3    | Horizontal | 182     | 1.05   | -        |  |  |  |  |

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

## 5325MHz\_TX

04/11/2017

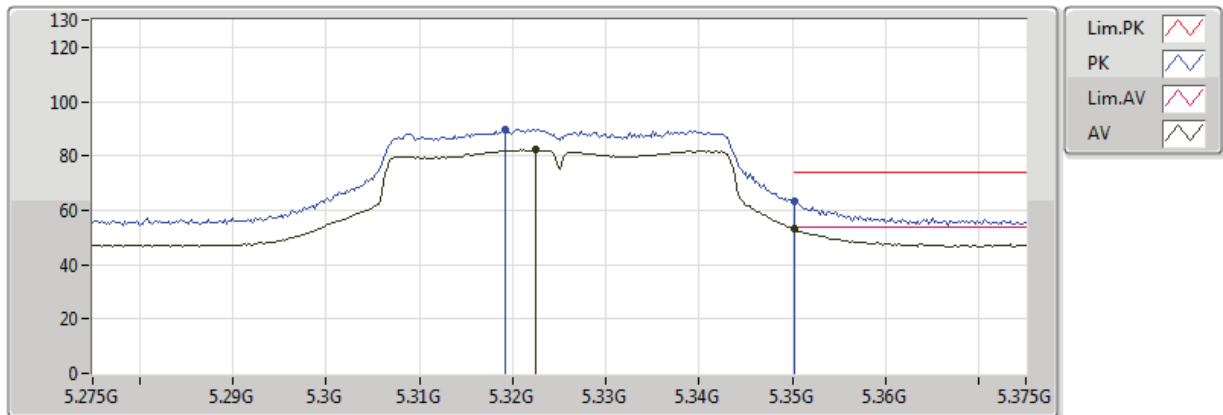


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3298G      | 79.77             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 345            | 1.09          | -        |  |  |  |  |
| AV   | 5.3502G      | 52.96             | 54.00             | -1.04          | 5.06           | 3           | Vertical  | 345            | 1.09          | -        |  |  |  |  |
| PK   | 5.3324G      | 87.17             | Inf               | -Inf           | 5.04           | 3           | Vertical  | 345            | 1.09          | -        |  |  |  |  |
| PK   | 5.3502G      | 62.40             | 74.00             | -11.60         | 5.06           | 3           | Vertical  | 345            | 1.09          | -        |  |  |  |  |

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

### 5325MHz\_TX

04/11/2017

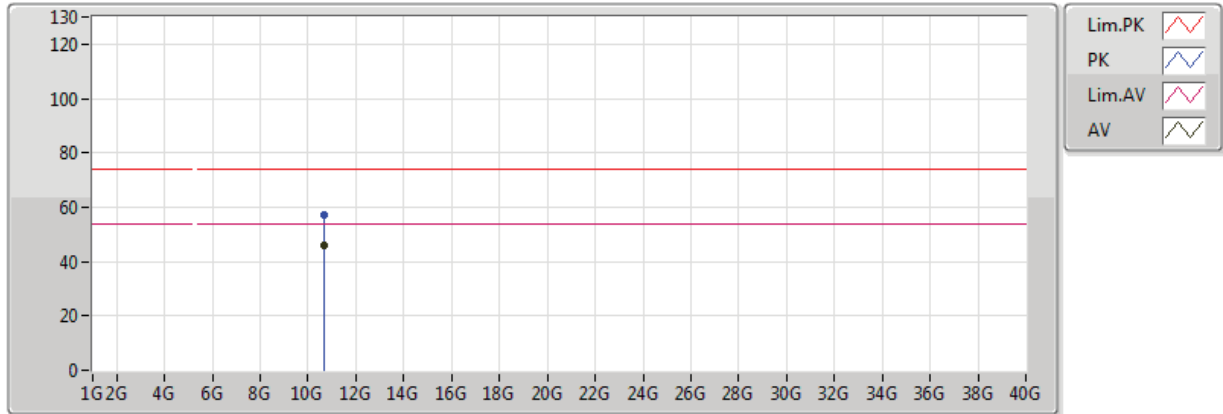


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3224G      | 82.19             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 347            | 1.10          | -        |  |  |  |  |
| AV   | 5.3502G      | 53.41             | 54.00             | -0.59          | 5.06           | 3           | Horizontal | 347            | 1.10          | -        |  |  |  |  |
| PK   | 5.3192G      | 89.87             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 347            | 1.10          | -        |  |  |  |  |
| PK   | 5.3502G      | 63.43             | 74.00             | -10.57         | 5.06           | 3           | Horizontal | 347            | 1.10          | -        |  |  |  |  |

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

### 5325MHz\_TX

04/11/2017

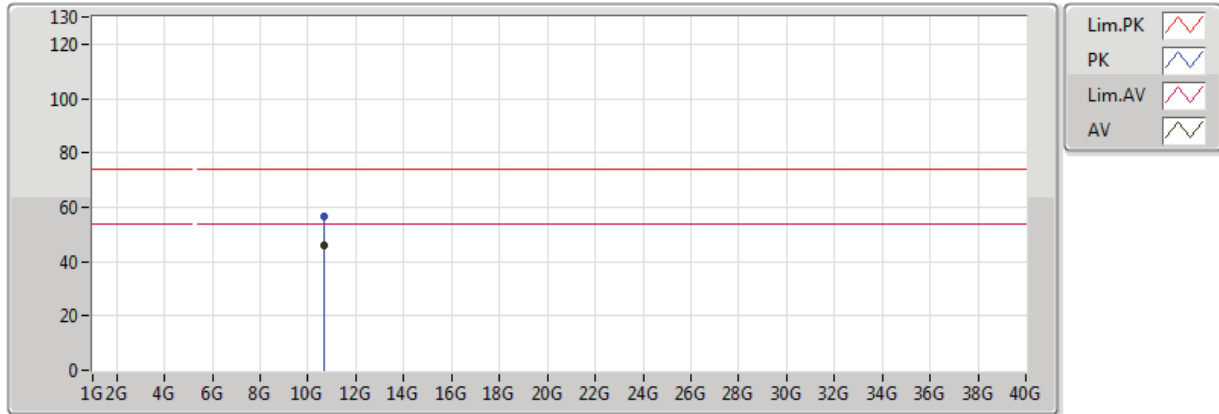


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.64226G    | 46.02             | 54.00             | -7.98          | 15.79          | 3           | Vertical  | 273            | 2.16          | -        |  |  |  |  |
| PK   | 10.63878G    | 57.05             | 74.00             | -16.95         | 15.78          | 3           | Vertical  | 273            | 2.16          | -        |  |  |  |  |

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

### 5325MHz\_TX

04/11/2017

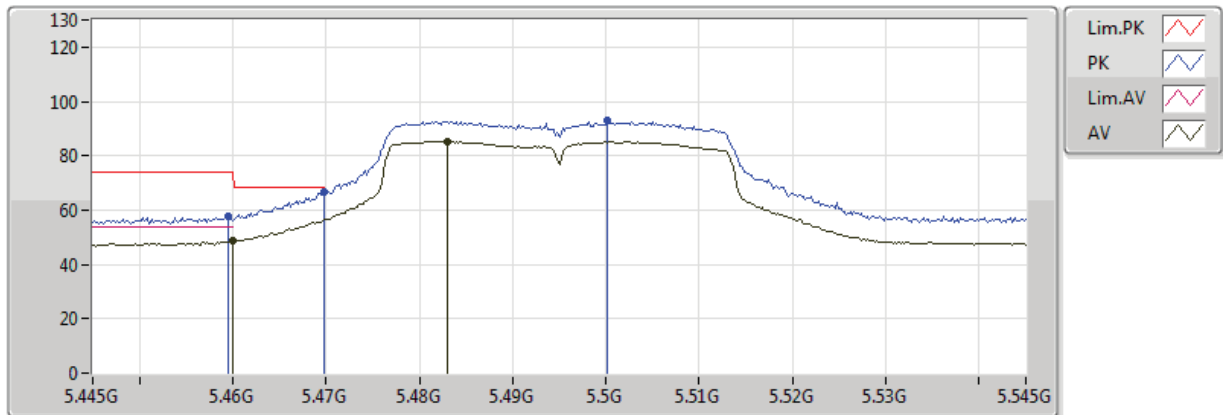


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.65798G    | 46.00             | 54.00             | -8.00          | 15.82          | 3           | Horizontal | 93             | 2.32          | -        |  |  |  |  |
| PK   | 10.66494G    | 56.58             | 74.00             | -17.42         | 15.84          | 3           | Horizontal | 93             | 2.32          | -        |  |  |  |  |

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

## 5495MHz\_TX

09/11/2017

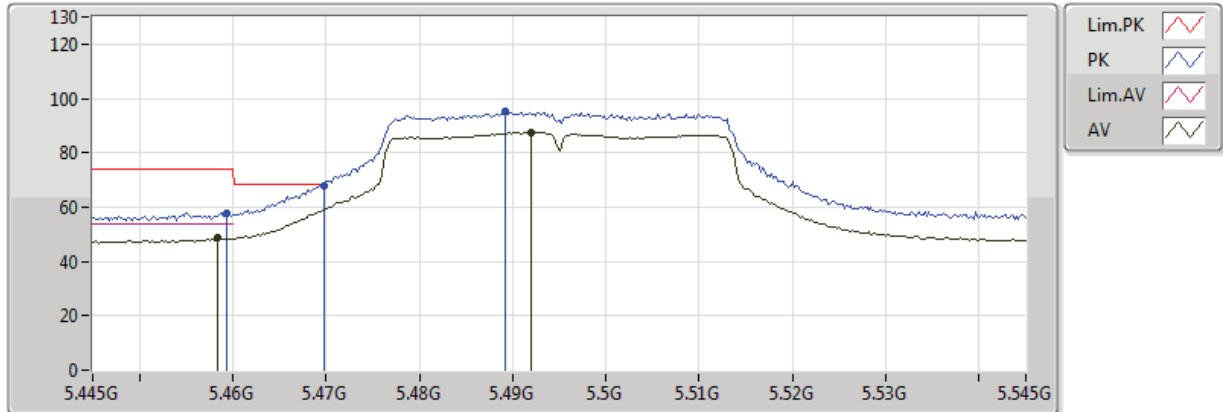


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.46G        | 48.67             | 54.00             | -5.33          | 5.21           | 3           | Vertical  | 344            | 1.12          | -        |  |  |  |  |
| AV   | 5.483G       | 85.37             | Inf               | -Inf           | 5.24           | 3           | Vertical  | 344            | 1.12          | -        |  |  |  |  |
| PK   | 5.4596G      | 57.46             | 74.00             | -16.54         | 5.21           | 3           | Vertical  | 344            | 1.12          | -        |  |  |  |  |
| PK   | 5.4698G      | 66.90             | 68.20             | -1.30          | 5.22           | 3           | Vertical  | 344            | 1.12          | -        |  |  |  |  |
| PK   | 5.5002G      | 92.76             | Inf               | -Inf           | 5.26           | 3           | Vertical  | 344            | 1.12          | -        |  |  |  |  |

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

## 5495MHz\_TX

09/11/2017

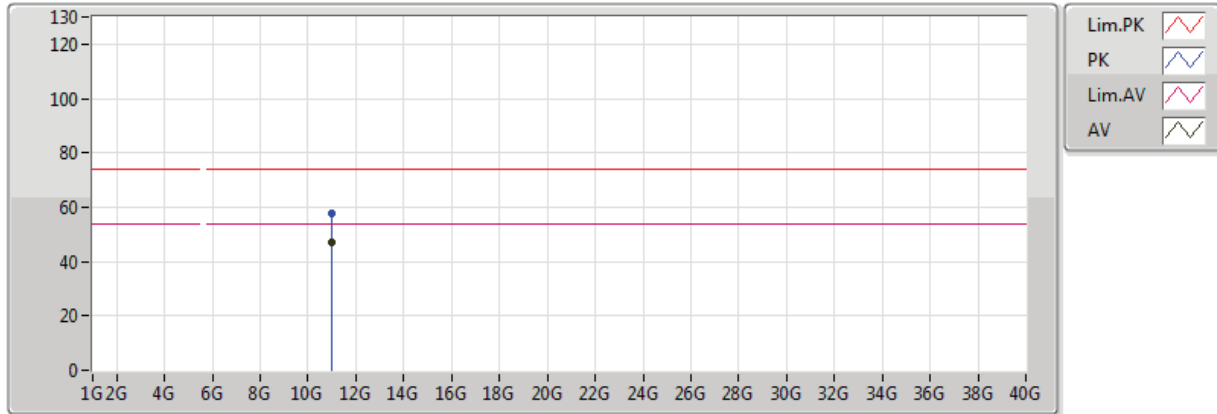


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4584G      | 48.59             | 54.00             | -5.41          | 5.21           | 3           | Horizontal | 346            | 1.01          | -        |  |  |  |  |
| AV   | 5.492G       | 87.61             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 346            | 1.01          | -        |  |  |  |  |
| PK   | 5.4594G      | 57.72             | 74.00             | -16.28         | 5.21           | 3           | Horizontal | 346            | 1.01          | -        |  |  |  |  |
| PK   | 5.4698G      | 67.92             | 68.20             | -0.28          | 5.22           | 3           | Horizontal | 346            | 1.01          | -        |  |  |  |  |
| PK   | 5.4892G      | 95.06             | Inf               | -Inf           | 5.25           | 3           | Horizontal | 346            | 1.01          | -        |  |  |  |  |

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

### 5495MHz\_TX

04/11/2017

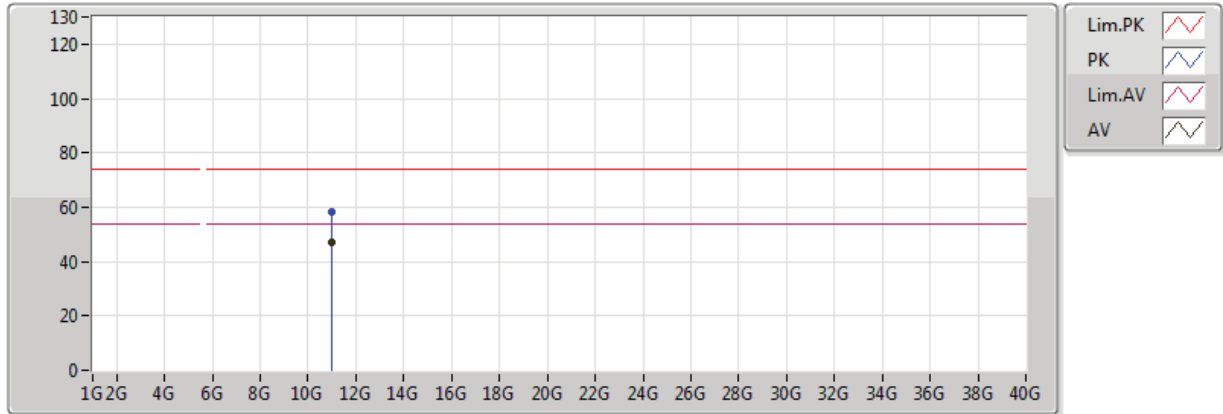


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.00152G    | 46.84             | 54.00             | -7.16          | 16.57          | 3           | Vertical  | 101            | 2.00          | -        |  |  |  |  |
| PK   | 11.0035G     | 57.79             | 74.00             | -16.21         | 16.57          | 3           | Vertical  | 101            | 2.00          | -        |  |  |  |  |

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

### 5495MHz\_TX

04/11/2017

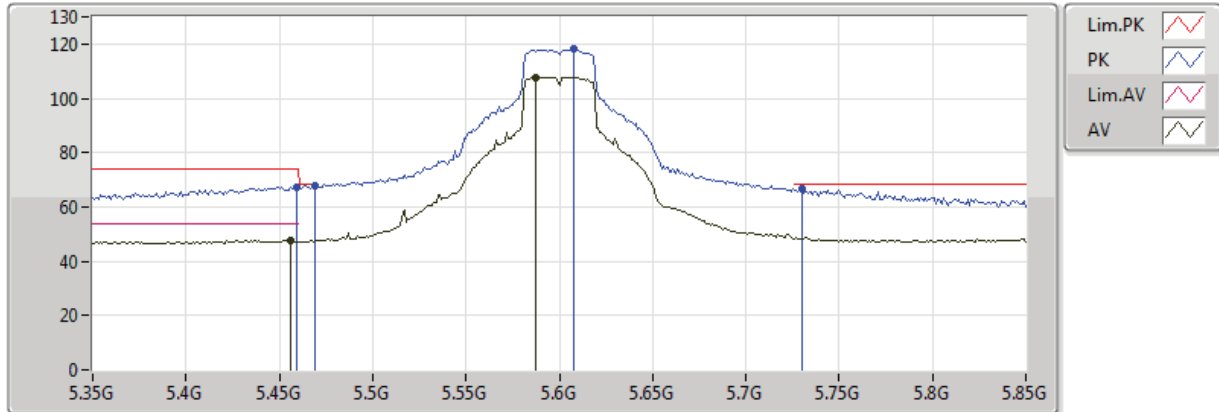


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.98934G    | 46.82             | 54.00             | -7.18          | 16.55          | 3           | Horizontal | 290            | 1.60          | -        |  |  |  |  |
| PK   | 10.99528G    | 58.45             | 74.00             | -15.55         | 16.56          | 3           | Horizontal | 290            | 1.60          | -        |  |  |  |  |

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

### 5600MHz\_TX

03/11/2017

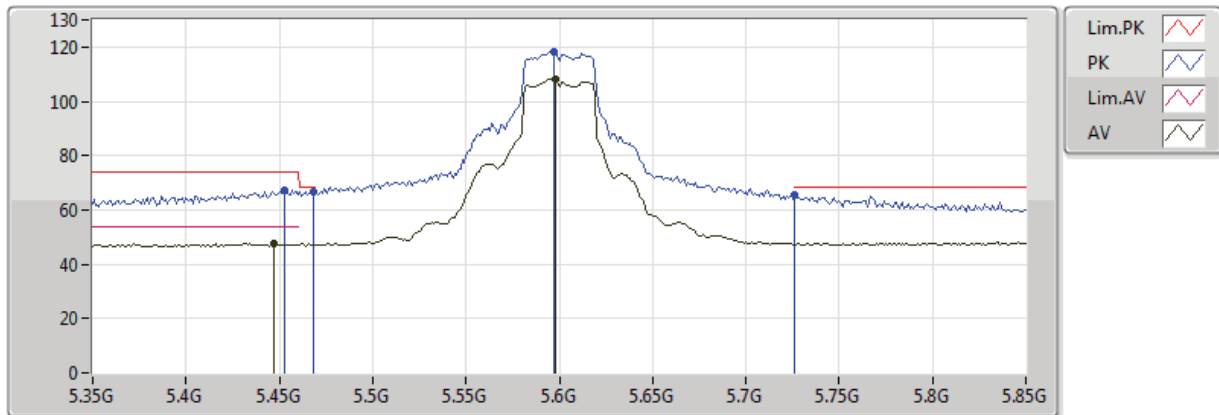


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.456G       | 47.71             | 54.00             | -6.29          | 5.20           | 3           | Vertical  | 360            | 1.50          | -        |
| AV   | 5.587G       | 107.85            | Inf               | -Inf           | 5.48           | 3           | Vertical  | 360            | 1.50          | -        |
| PK   | 5.459G       | 67.16             | 74.00             | -6.84          | 5.21           | 3           | Vertical  | 360            | 1.50          | -        |
| PK   | 5.469G       | 68.04             | 68.20             | -0.16          | 5.22           | 3           | Vertical  | 360            | 1.50          | -        |
| PK   | 5.608G       | 118.16            | Inf               | -Inf           | 5.53           | 3           | Vertical  | 360            | 1.50          | -        |
| PK   | 5.73G        | 66.48             | 68.20             | -1.72          | 5.85           | 3           | Vertical  | 360            | 1.50          | -        |

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

## 5600MHz\_TX

03/11/2017

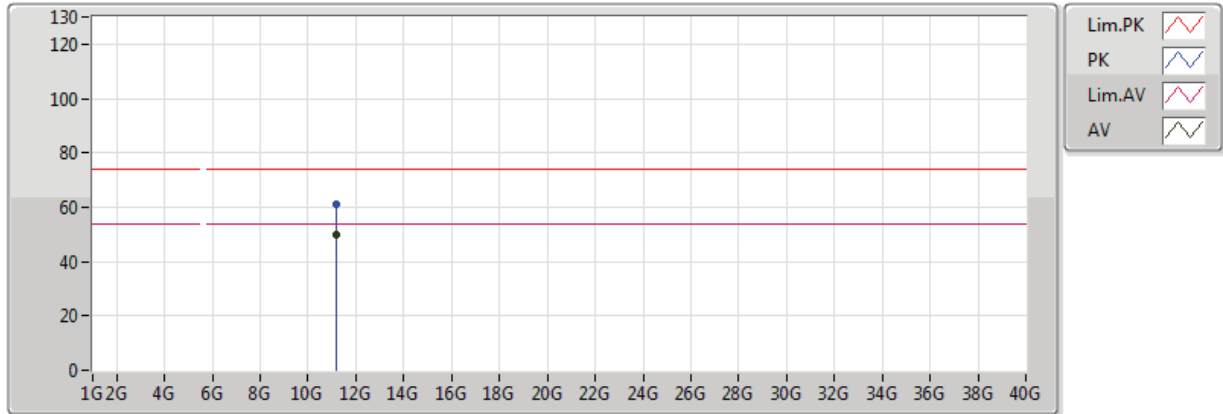


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.447G       | 47.58             | 54.00             | -6.42          | 5.19           | 3           | Horizontal | 2              | 2.33          | -        |  |  |  |  |
| AV   | 5.598G       | 108.28            | Inf               | -Inf           | 5.51           | 3           | Horizontal | 2              | 2.33          | -        |  |  |  |  |
| PK   | 5.453G       | 67.45             | 74.00             | -6.55          | 5.20           | 3           | Horizontal | 2              | 2.33          | -        |  |  |  |  |
| PK   | 5.468G       | 66.78             | 68.20             | -1.42          | 5.22           | 3           | Horizontal | 2              | 2.33          | -        |  |  |  |  |
| PK   | 5.597G       | 118.33            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 2              | 2.33          | -        |  |  |  |  |
| PK   | 5.726G       | 65.68             | 68.20             | -2.52          | 5.84           | 3           | Horizontal | 2              | 2.33          | -        |  |  |  |  |

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

## 5600MHz\_TX

03/11/2017

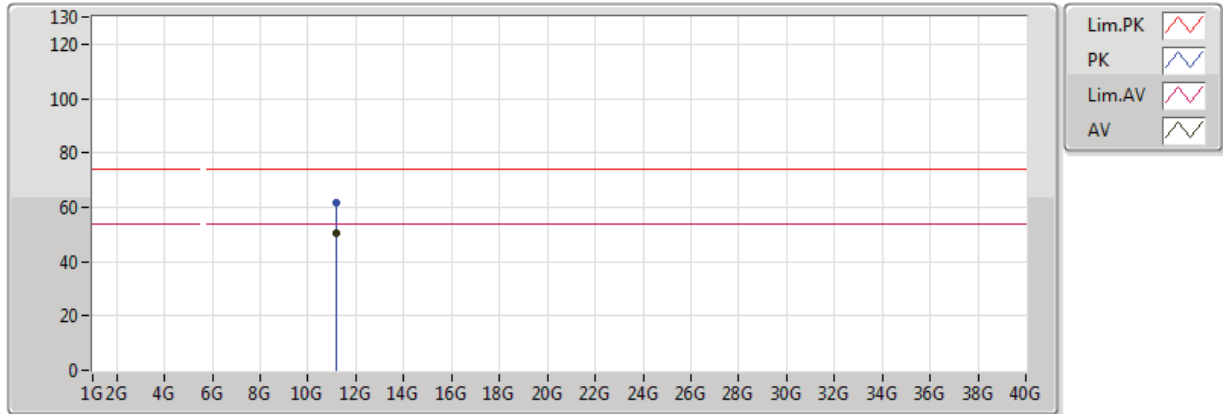


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.1788G     | 49.92             | 54.00             | -4.08          | 16.46          | 3           | Vertical  | 170            | 1.07          | -        |  |  |  |  |
| PK   | 11.1765G     | 60.97             | 74.00             | -13.03         | 16.46          | 3           | Vertical  | 170            | 1.07          | -        |  |  |  |  |

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

### 5600MHz\_TX

03/11/2017

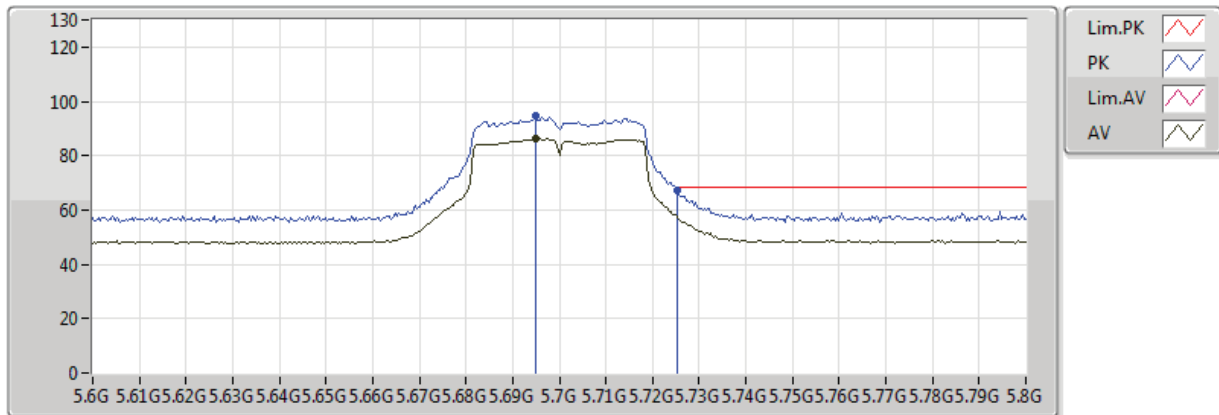


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.1789G | 50.53    | 54.00    | -3.47  | 16.46  | 3    | Horizontal | 176     | 1.04   | -        |  |  |  |  |
| PK   | 11.1758G | 61.44    | 74.00    | -12.56 | 16.46  | 3    | Horizontal | 176     | 1.04   | -        |  |  |  |  |

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

### 5700MHz\_TX

04/11/2017

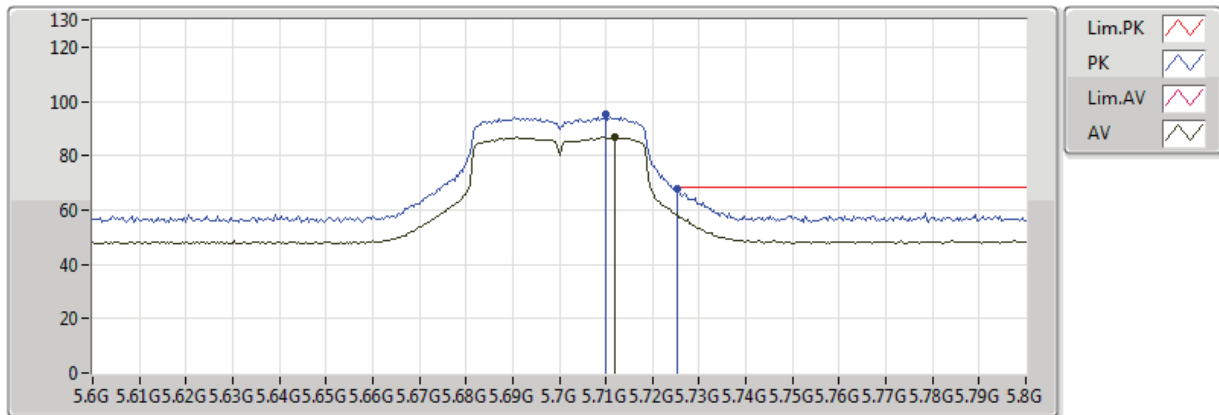


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.6948G      | 86.34             | Inf               | -Inf           | 5.76           | 3           | Vertical  | 340            | 1.05          | -        |
| PK   | 5.6948G      | 94.42             | Inf               | -Inf           | 5.76           | 3           | Vertical  | 340            | 1.05          | -        |
| PK   | 5.7252G      | 67.23             | 68.20             | -0.97          | 5.83           | 3           | Vertical  | 340            | 1.05          | -        |

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

## 5700MHz\_TX

04/11/2017

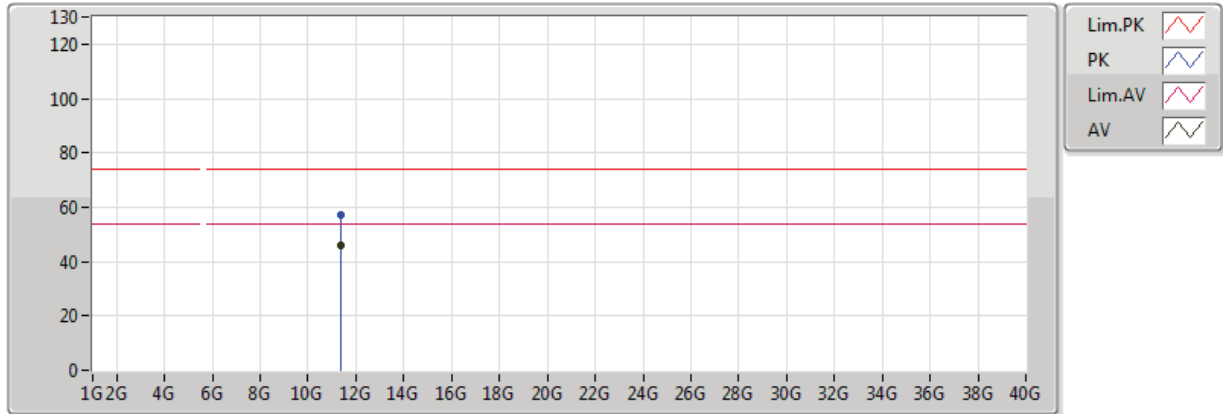


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.712G       | 86.77             | Inf               | -Inf           | 5.80           | 3           | Horizontal | 346            | 1.00          | -        |
| PK   | 5.71G        | 95.24             | Inf               | -Inf           | 5.80           | 3           | Horizontal | 346            | 1.00          | -        |
| PK   | 5.7252G      | 67.90             | 68.20             | -0.30          | 5.83           | 3           | Horizontal | 346            | 1.00          | -        |

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

### 5700MHz\_TX

04/11/2017

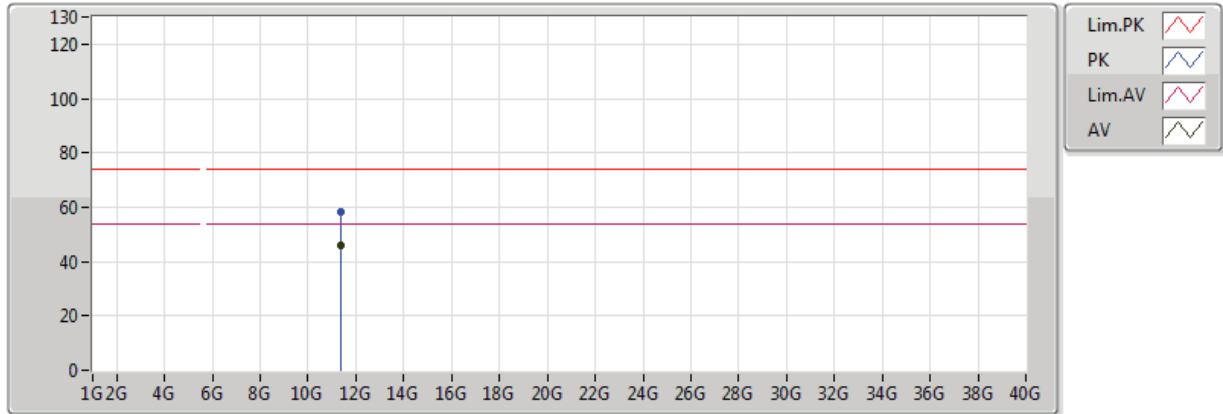


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.39916G    | 46.20             | 54.00             | -7.80          | 16.06          | 3           | Vertical  | 121            | 2.26          | -        |  |  |  |  |
| PK   | 11.38524G    | 57.16             | 74.00             | -16.84         | 16.08          | 3           | Vertical  | 121            | 2.26          | -        |  |  |  |  |

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

### 5700MHz\_TX

04/11/2017

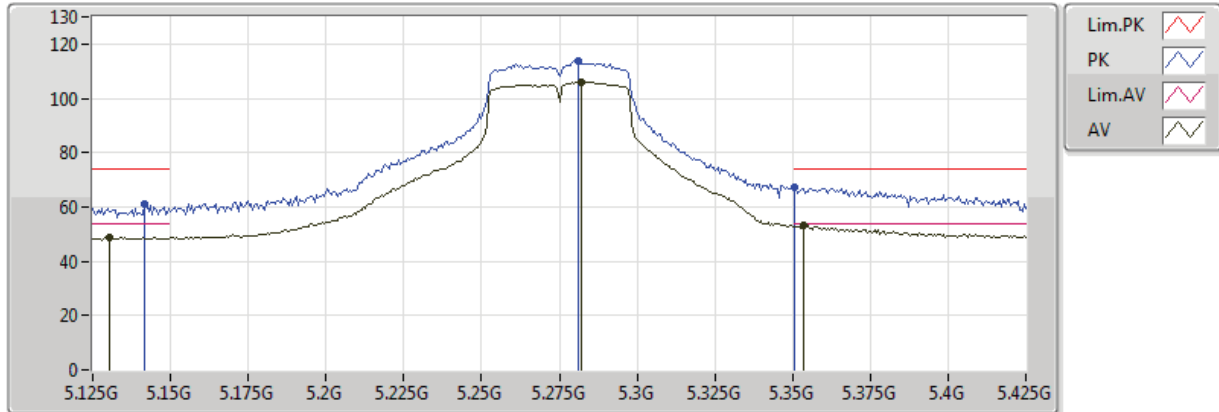


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.39904G    | 46.17             | 54.00             | -7.83          | 16.06          | 3           | Horizontal | 256            | 1.04          | -        |  |  |  |  |
| PK   | 11.39256G    | 58.00             | 74.00             | -16.00         | 16.07          | 3           | Horizontal | 256            | 1.04          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5275MHz\_TX

04/11/2017

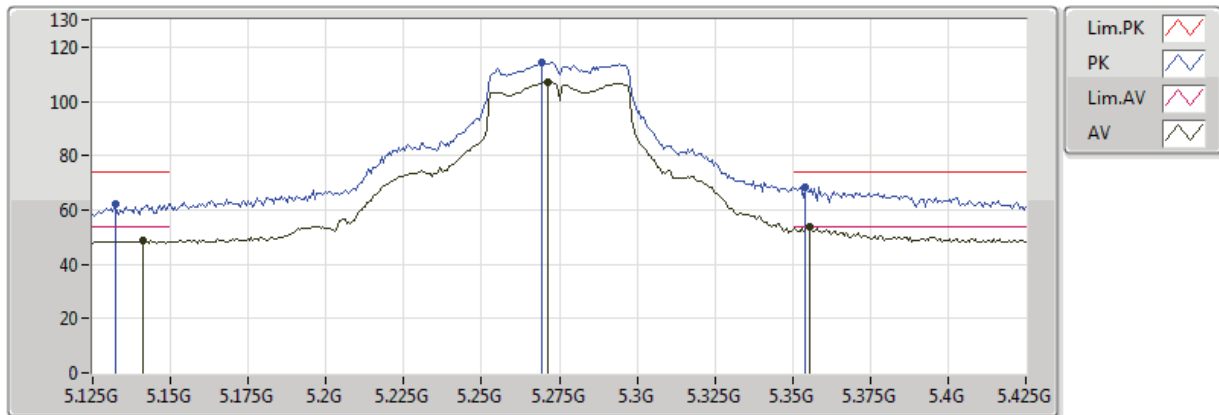


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.1304G      | 48.62             | 54.00             | -5.38          | 4.76           | 3           | Vertical  | 340            | 1.04          | -        |
| AV   | 5.2822G      | 105.94            | Inf               | -Inf           | 4.97           | 3           | Vertical  | 340            | 1.04          | -        |
| AV   | 5.3536G      | 53.03             | 54.00             | -0.97          | 5.07           | 3           | Vertical  | 340            | 1.04          | -        |
| PK   | 5.1418G      | 61.35             | 74.00             | -12.65         | 4.78           | 3           | Vertical  | 340            | 1.04          | -        |
| PK   | 5.281G       | 113.75            | Inf               | -Inf           | 4.97           | 3           | Vertical  | 340            | 1.04          | -        |
| PK   | 5.3506G      | 67.24             | 74.00             | -6.76          | 5.06           | 3           | Vertical  | 340            | 1.04          | -        |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5275MHz\_TX

04/11/2017

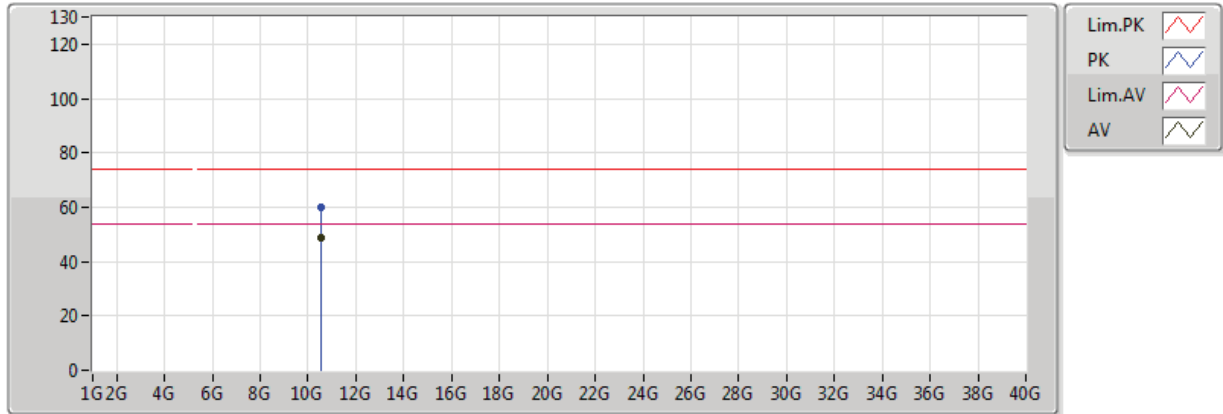


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.1412G      | 48.57             | 54.00             | -5.43          | 4.78           | 3           | Horizontal | 343            | 1.00          | -        |
| AV   | 5.2714G      | 106.93            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 343            | 1.00          | -        |
| AV   | 5.3554G      | 53.59             | 54.00             | -0.41          | 5.07           | 3           | Horizontal | 343            | 1.00          | -        |
| PK   | 5.1322G      | 62.46             | 74.00             | -11.54         | 4.77           | 3           | Horizontal | 343            | 1.00          | -        |
| PK   | 5.2696G      | 114.21            | Inf               | -Inf           | 4.95           | 3           | Horizontal | 343            | 1.00          | -        |
| PK   | 5.3542G      | 68.63             | 74.00             | -5.37          | 5.07           | 3           | Horizontal | 343            | 1.00          | -        |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5275MHz\_TX

04/11/2017

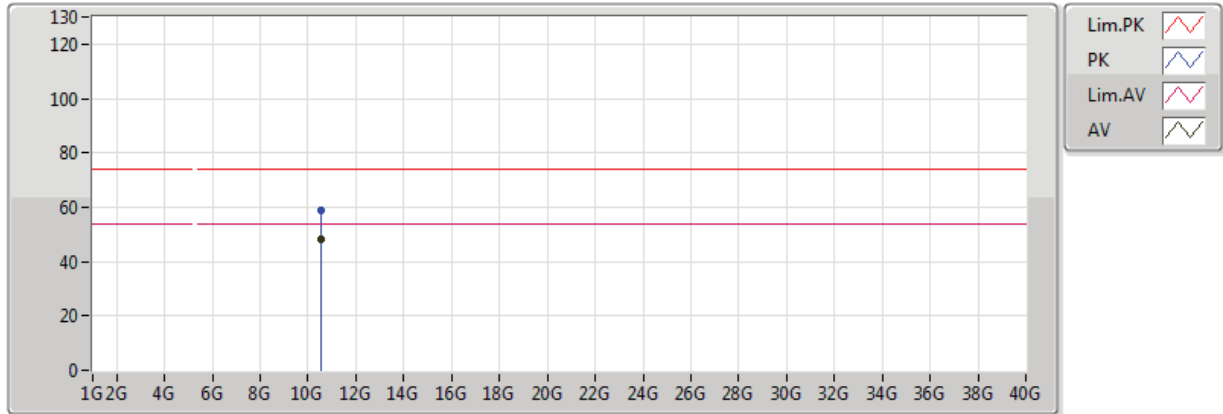


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.5304G     | 48.55             | 54.00             | -5.45          | 15.54          | 3           | Vertical  | 148            | 3.63          | -        |  |  |  |  |
| PK   | 10.5316G     | 59.72             | 74.00             | -14.28         | 15.54          | 3           | Vertical  | 148            | 3.63          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5275MHz\_TX

04/11/2017

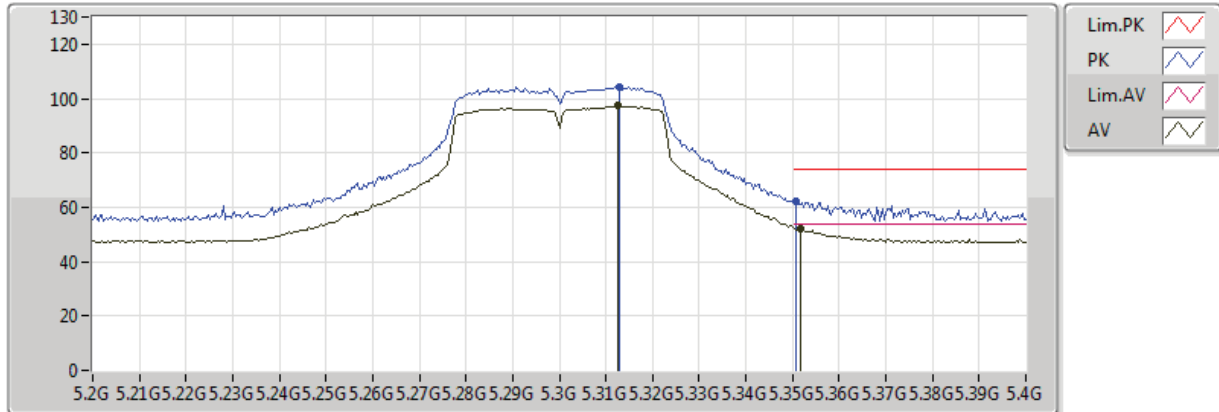


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|----------|
| AV   | 10.5286G  | 48.09          | 54.00          | -5.91       | 15.54       | 3        | Horizontal | 86          | 3.60       | -        |
| PK   | 10.5314G  | 59.02          | 74.00          | -14.98      | 15.54       | 3        | Horizontal | 86          | 3.60       | -        |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5300MHz\_TX

03/11/2017

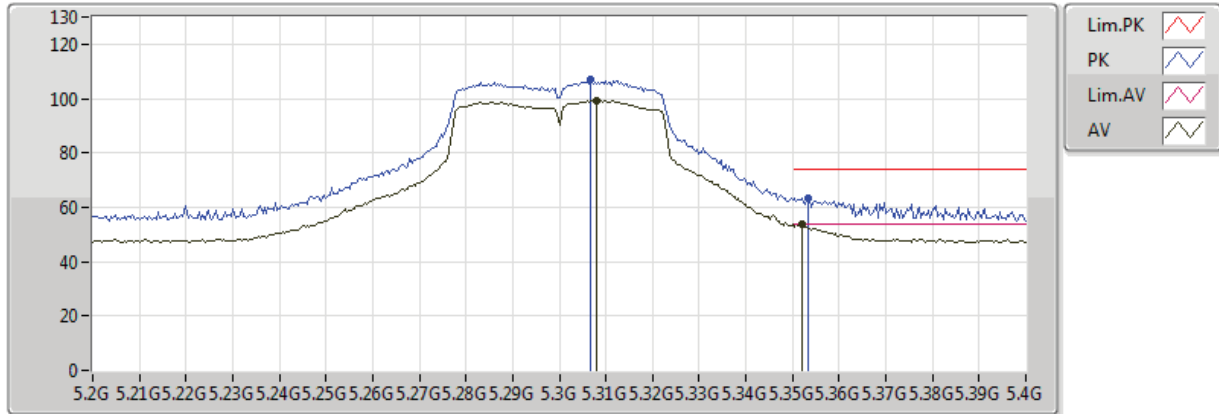


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3124G      | 97.28             | Inf               | -Inf           | 5.01           | 3           | Vertical  | 3              | 1.12          | -        |  |  |  |  |
| AV   | 5.3516G      | 52.25             | 54.00             | -1.75          | 5.06           | 3           | Vertical  | 3              | 1.12          | -        |  |  |  |  |
| PK   | 5.3128G      | 104.38            | Inf               | -Inf           | 5.01           | 3           | Vertical  | 3              | 1.12          | -        |  |  |  |  |
| PK   | 5.3508G      | 62.03             | 74.00             | -11.97         | 5.06           | 3           | Vertical  | 3              | 1.12          | -        |  |  |  |  |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5300MHz\_TX

03/11/2017

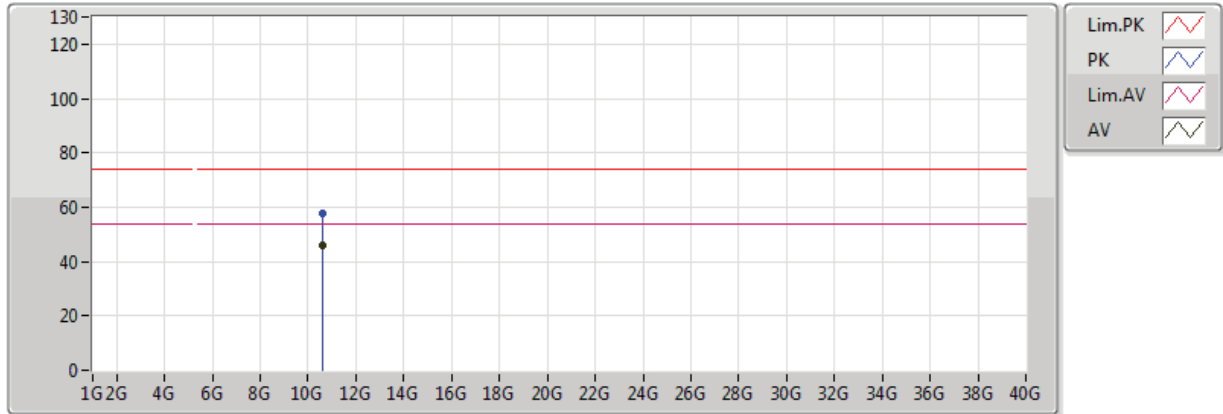


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.308G       | 99.17             | Inf               | -Inf           | 5.00           | 3           | Horizontal | 5              | 1.02          | -        |  |  |  |  |
| AV   | 5.352G       | 53.81             | 54.00             | -0.19          | 5.06           | 3           | Horizontal | 5              | 1.02          | -        |  |  |  |  |
| PK   | 5.3068G      | 106.82            | Inf               | -Inf           | 5.00           | 3           | Horizontal | 5              | 1.02          | -        |  |  |  |  |
| PK   | 5.3532G      | 63.58             | 74.00             | -10.42         | 5.06           | 3           | Horizontal | 5              | 1.02          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

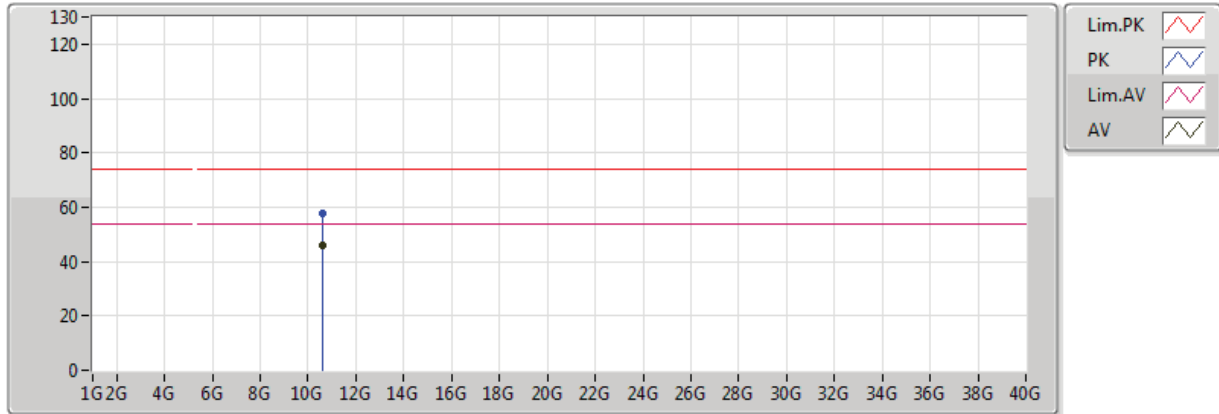


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.6047G     | 46.18             | 54.00             | -7.82          | 15.80          | 3           | Vertical  | 170            | 1.01          | -        |  |  |  |  |
| PK   | 10.5762G     | 57.55             | 74.00             | -16.45         | 15.74          | 3           | Vertical  | 170            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

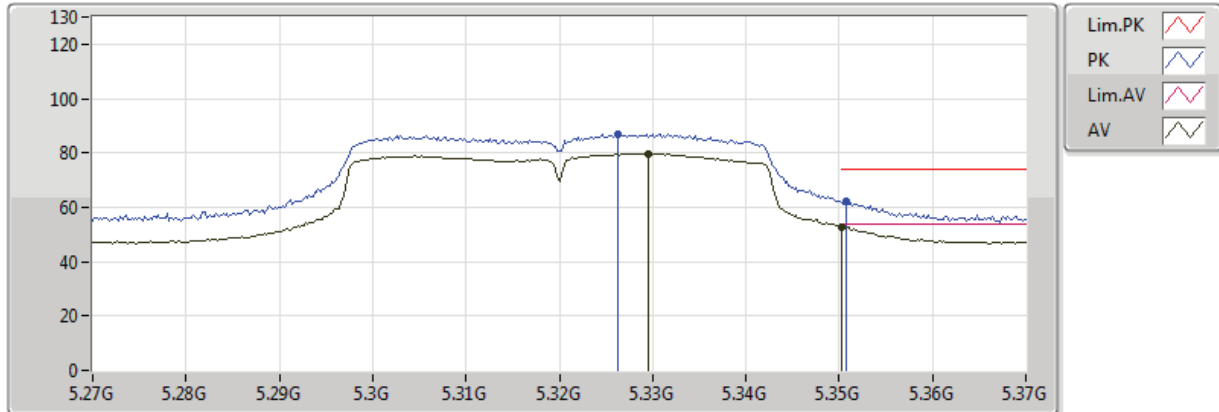


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.5808G | 46.10    | 54.00    | -7.90  | 15.75  | 3    | Horizontal | 167     | 1.08   | -        |  |  |  |  |
| PK   | 10.5966G | 57.74    | 74.00    | -16.26 | 15.79  | 3    | Horizontal | 167     | 1.08   | -        |  |  |  |  |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5320MHz\_TX

04/11/2017

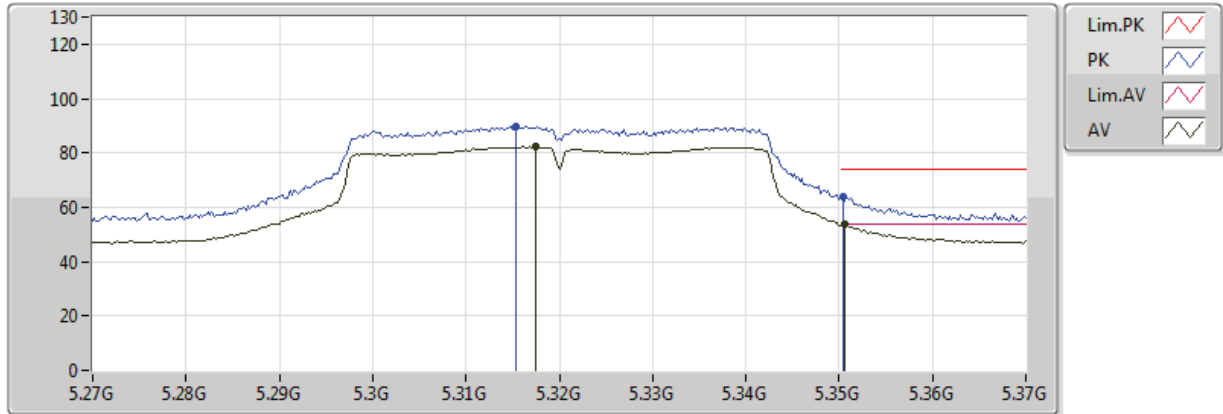


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3296G      | 79.64             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 337            | 1.03          | -        |  |  |  |  |
| AV   | 5.3502G      | 52.42             | 54.00             | -1.58          | 5.06           | 3           | Vertical  | 337            | 1.03          | -        |  |  |  |  |
| PK   | 5.3262G      | 87.12             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 337            | 1.03          | -        |  |  |  |  |
| PK   | 5.3508G      | 62.23             | 74.00             | -11.77         | 5.06           | 3           | Vertical  | 337            | 1.03          | -        |  |  |  |  |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5320MHz\_TX

04/11/2017

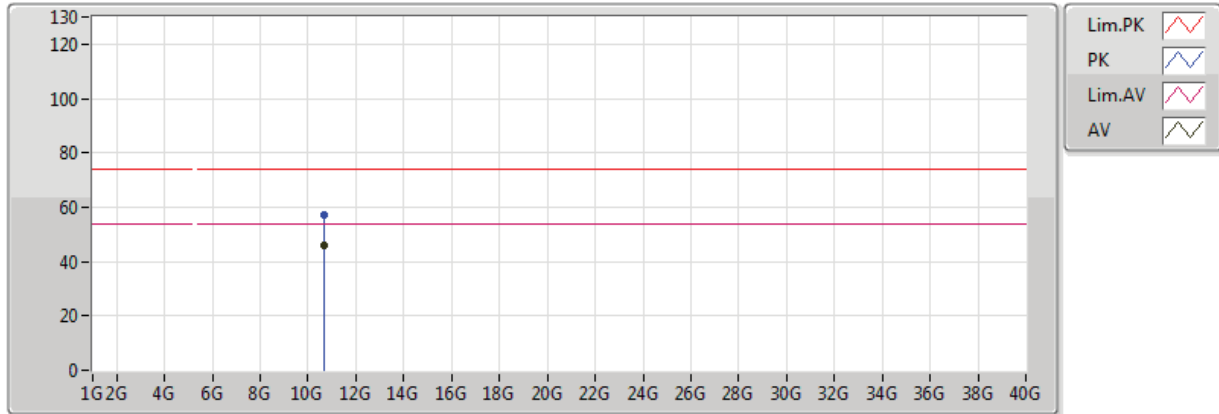


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3174G      | 82.32             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 342            | 1.10          | -        |  |  |  |  |
| AV   | 5.3506G      | 53.67             | 54.00             | -0.33          | 5.06           | 3           | Horizontal | 342            | 1.10          | -        |  |  |  |  |
| PK   | 5.3154G      | 89.82             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 342            | 1.10          | -        |  |  |  |  |
| PK   | 5.3504G      | 63.71             | 74.00             | -10.29         | 5.06           | 3           | Horizontal | 342            | 1.10          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5320MHz\_TX

04/11/2017

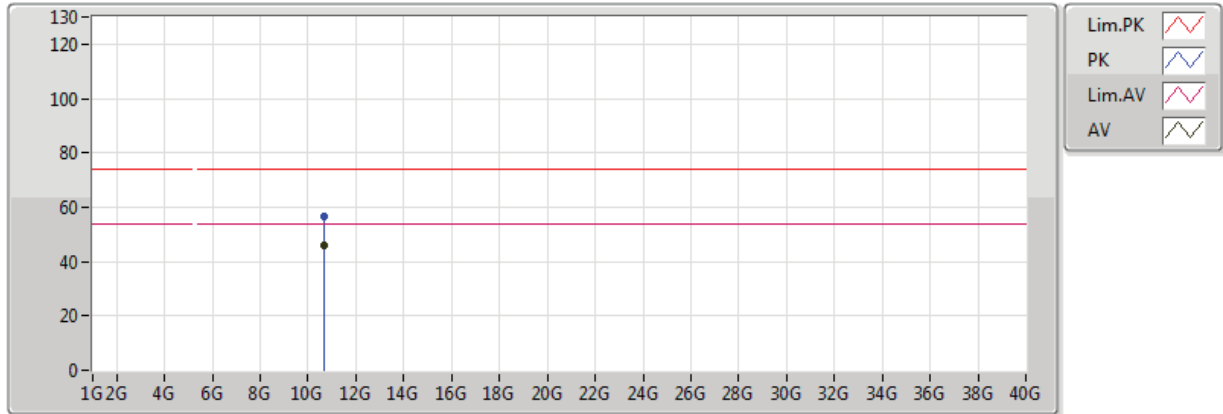


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.6517G     | 45.92             | 54.00             | -8.08          | 15.81          | 3           | Vertical  | 118            | 2.23          | -        |  |  |  |  |
| PK   | 10.6415G     | 56.99             | 74.00             | -17.01         | 15.78          | 3           | Vertical  | 118            | 2.23          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5320MHz\_TX

04/11/2017

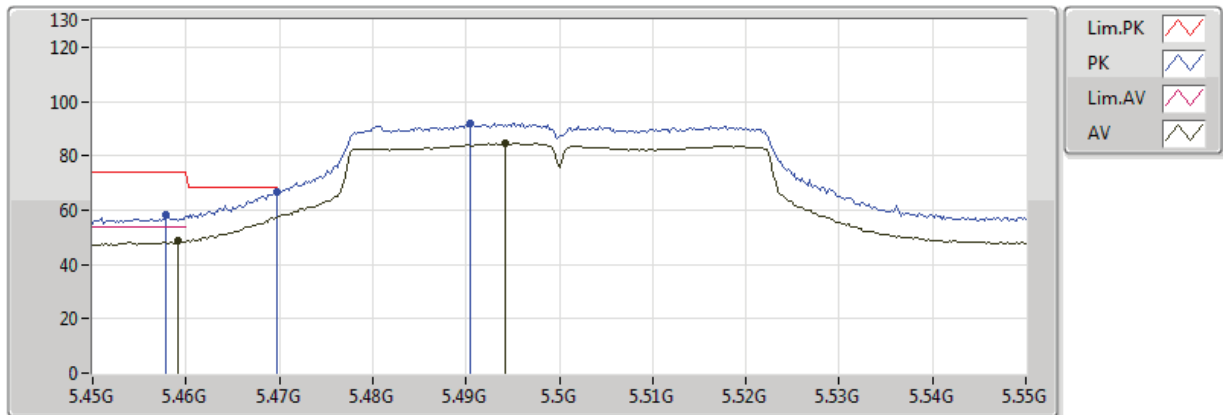


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.65302G | 46.04    | 54.00    | -7.96  | 15.81  | 3    | Horizontal | 70      | 1.89   | -        |  |  |  |  |
| PK   | 10.6508G  | 56.50    | 74.00    | -17.50 | 15.81  | 3    | Horizontal | 70      | 1.89   | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

04/11/2017

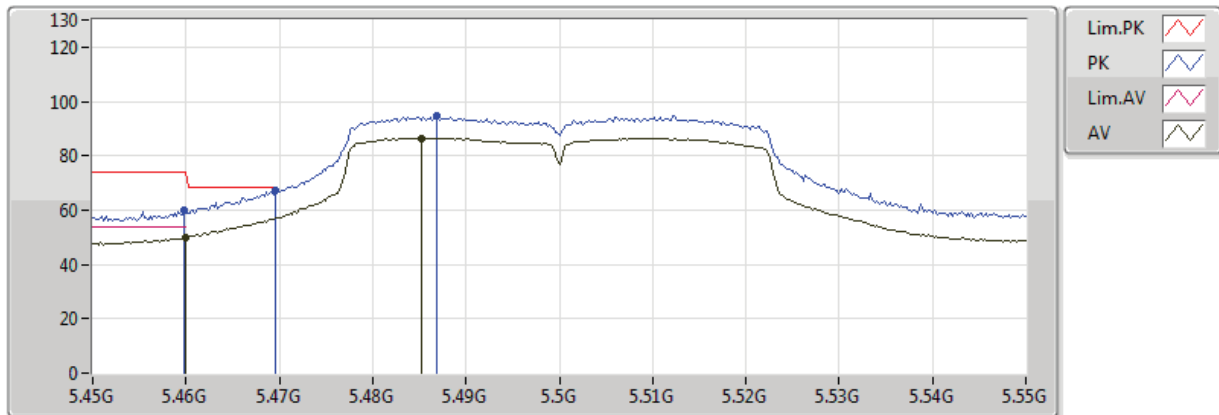


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4592G      | 48.51             | 54.00             | -5.49          | 5.21           | 3           | Vertical  | 335            | 1.08          | -        |  |  |  |  |
| AV   | 5.4942G      | 84.54             | Inf               | -Inf           | 5.25           | 3           | Vertical  | 335            | 1.08          | -        |  |  |  |  |
| PK   | 5.4578G      | 58.01             | 74.00             | -15.99         | 5.21           | 3           | Vertical  | 335            | 1.08          | -        |  |  |  |  |
| PK   | 5.4698G      | 66.71             | 68.20             | -1.49          | 5.22           | 3           | Vertical  | 335            | 1.08          | -        |  |  |  |  |
| PK   | 5.4904G      | 92.15             | Inf               | -Inf           | 5.25           | 3           | Vertical  | 335            | 1.08          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

04/11/2017

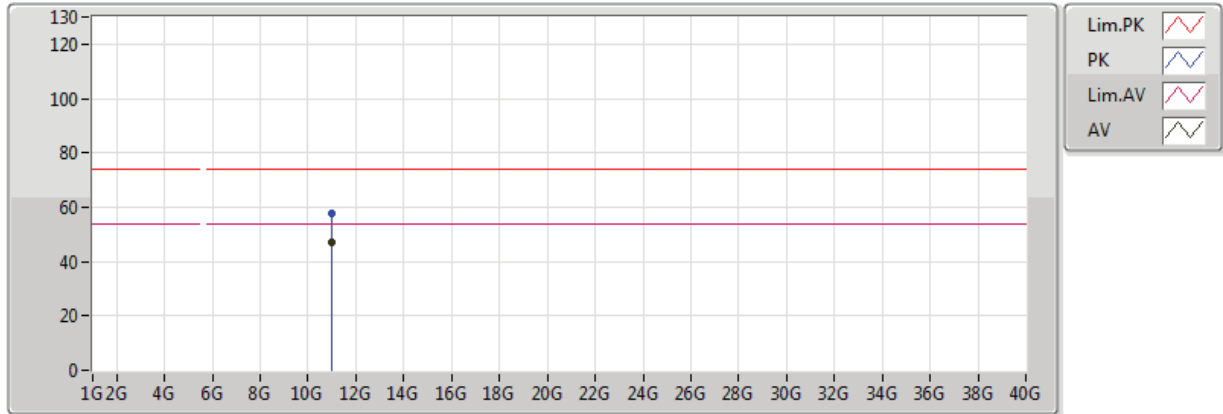


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.46G        | 49.80             | 54.00             | -4.20          | 5.21           | 3           | Horizontal | 341            | 1.00          | -        |  |  |  |  |
| AV   | 5.4852G      | 86.56             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 341            | 1.00          | -        |  |  |  |  |
| PK   | 5.4598G      | 59.91             | 74.00             | -14.09         | 5.21           | 3           | Horizontal | 341            | 1.00          | -        |  |  |  |  |
| PK   | 5.4696G      | 67.38             | 68.20             | -0.82          | 5.22           | 3           | Horizontal | 341            | 1.00          | -        |  |  |  |  |
| PK   | 5.4868G      | 94.68             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 341            | 1.00          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

04/11/2017

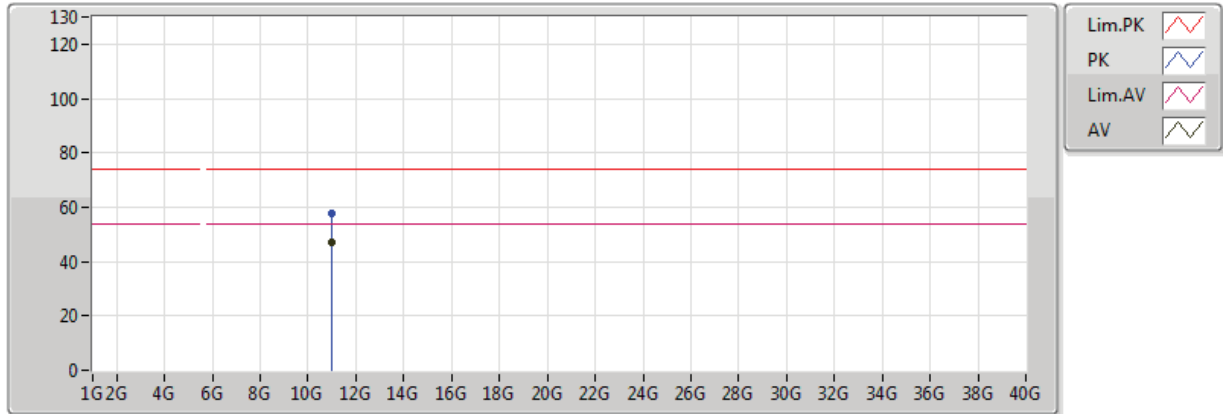


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.99232G    | 46.89             | 54.00             | -7.11          | 16.55          | 3           | Vertical  | 216            | 1.02          | -        |  |  |  |  |
| PK   | 10.99688G    | 57.54             | 74.00             | -16.46         | 16.56          | 3           | Vertical  | 216            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

04/11/2017

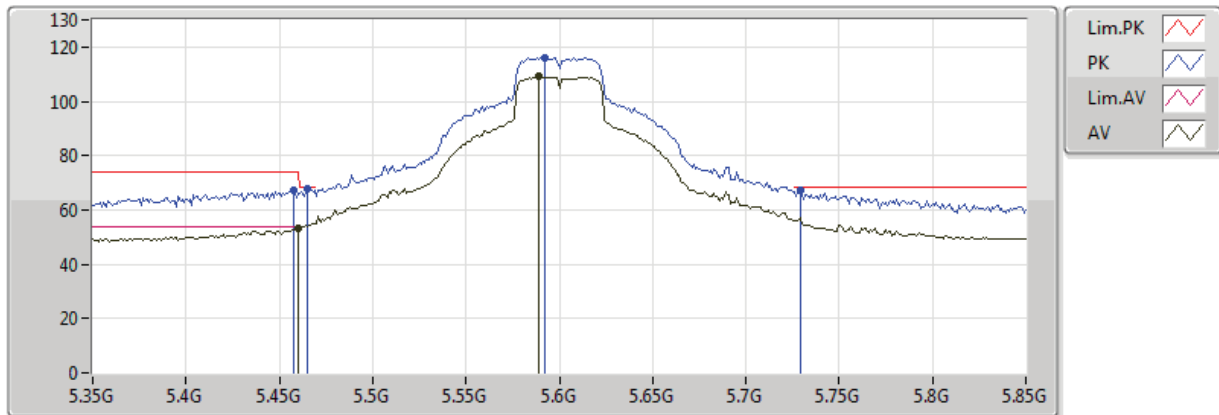


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.00204G    | 46.93             | 54.00             | -7.07          | 16.57          | 3           | Horizontal | 232            | 2.26          | -        |  |  |  |  |
| PK   | 11.00186G    | 57.44             | 74.00             | -16.56         | 16.57          | 3           | Horizontal | 232            | 2.26          | -        |  |  |  |  |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

09/11/2017

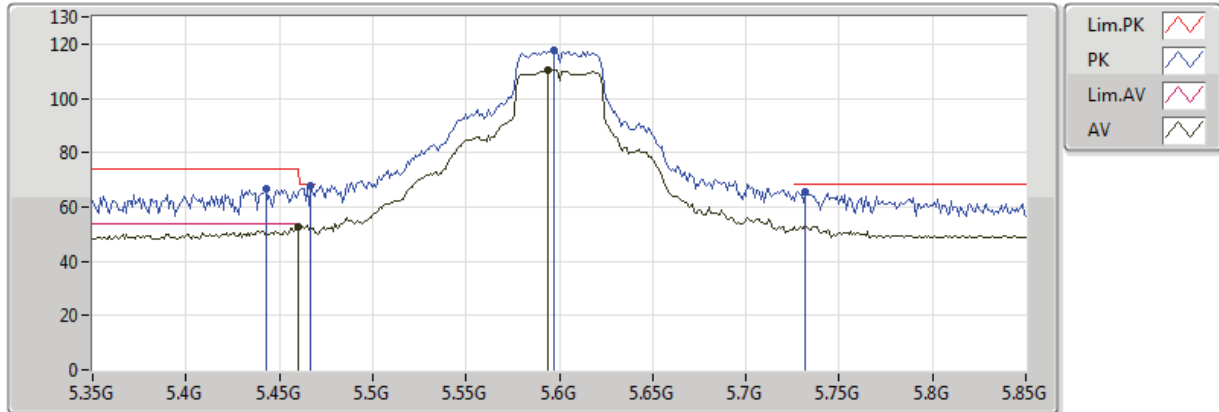


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.46G        | 53.37             | 54.00             | -0.63          | 5.21           | 3           | Vertical  | 8              | 1.03          | -        |
| AV   | 5.589G       | 109.04            | Inf               | -Inf           | 5.48           | 3           | Vertical  | 8              | 1.03          | -        |
| PK   | 5.458G       | 67.42             | 74.00             | -6.58          | 5.21           | 3           | Vertical  | 8              | 1.03          | -        |
| PK   | 5.465G       | 67.94             | 68.20             | -0.26          | 5.21           | 3           | Vertical  | 8              | 1.03          | -        |
| PK   | 5.592G       | 116.22            | Inf               | -Inf           | 5.49           | 3           | Vertical  | 8              | 1.03          | -        |
| PK   | 5.729G       | 67.10             | 68.20             | -1.10          | 5.84           | 3           | Vertical  | 8              | 1.03          | -        |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

03/11/2017

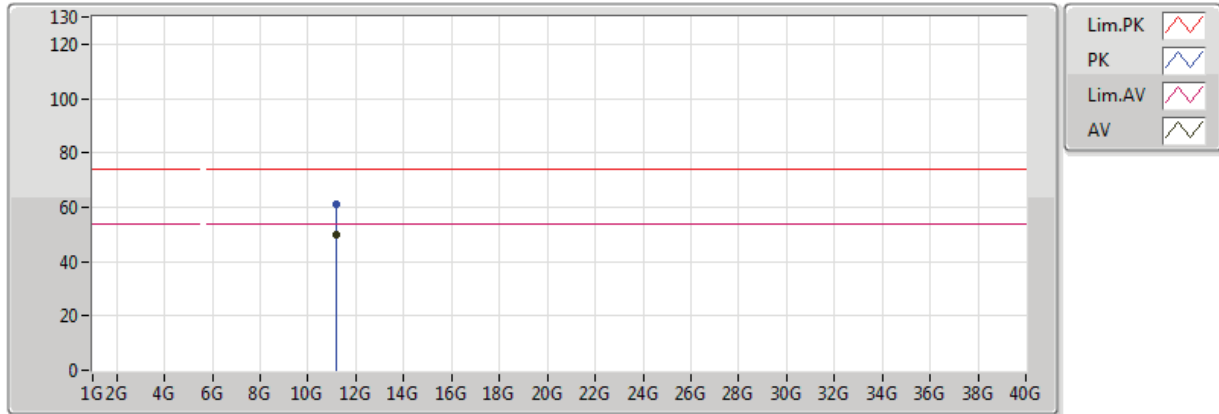


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.46G        | 52.85             | 54.00             | -1.15          | 5.21           | 3           | Horizontal | 4              | 1.01          | -        |  |  |  |  |
| AV   | 5.594G       | 110.48            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 4              | 1.01          | -        |  |  |  |  |
| PK   | 5.443G       | 66.69             | 74.00             | -7.31          | 5.19           | 3           | Horizontal | 4              | 1.01          | -        |  |  |  |  |
| PK   | 5.467G       | 68.01             | 68.20             | -0.19          | 5.22           | 3           | Horizontal | 4              | 1.01          | -        |  |  |  |  |
| PK   | 5.597G       | 117.54            | Inf               | -Inf           | 5.50           | 3           | Horizontal | 4              | 1.01          | -        |  |  |  |  |
| PK   | 5.732G       | 65.48             | 68.20             | -2.72          | 5.85           | 3           | Horizontal | 4              | 1.01          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

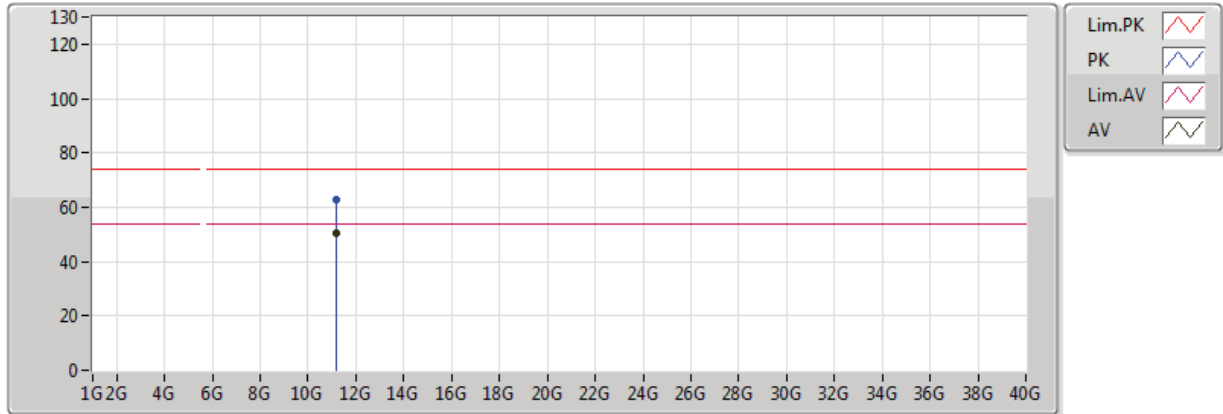


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.1787G | 50.00    | 54.00    | -4.00  | 16.46  | 3    | Vertical  | 169     | 1.05   | -        |  |  |  |  |
| PK   | 11.1786G | 60.87    | 74.00    | -13.13 | 16.46  | 3    | Vertical  | 169     | 1.05   | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

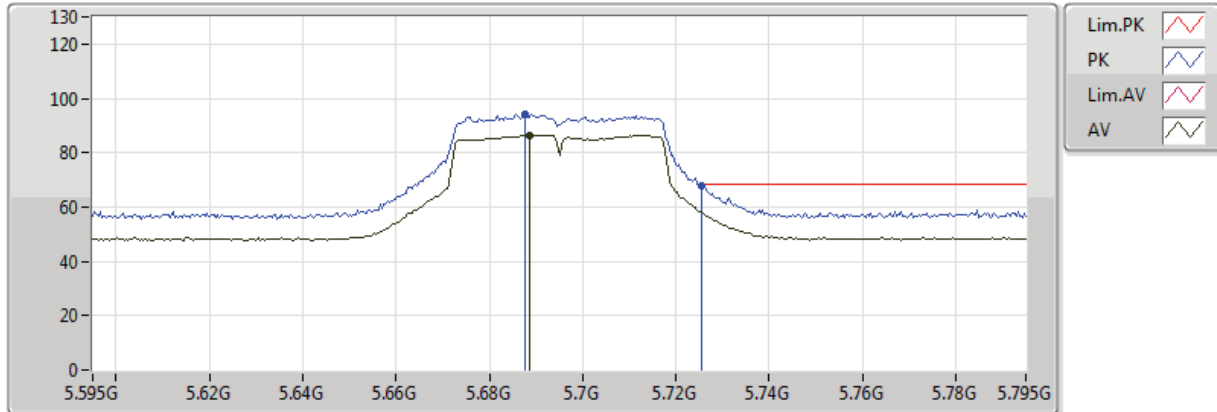


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.1785G     | 50.54             | 54.00             | -3.46          | 16.46          | 3           | Horizontal | 171            | 1.01          | -        |  |  |  |  |
| PK   | 11.1804G     | 62.56             | 74.00             | -11.44         | 16.46          | 3           | Horizontal | 171            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5695MHz\_TX

04/11/2017

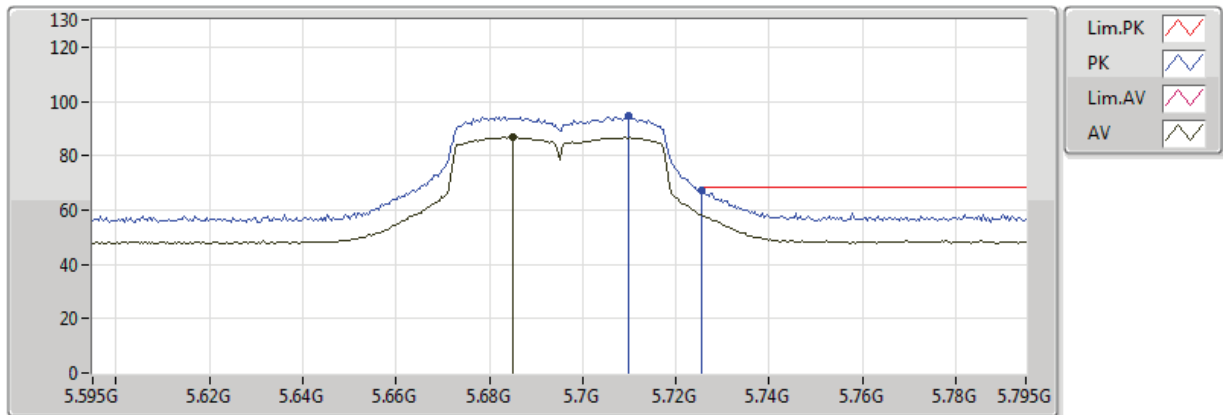


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.6886G      | 86.54             | Inf               | -Inf           | 5.74           | 3           | Vertical  | 333            | 1.03          | -        |  |  |  |  |
| PK   | 5.6878G      | 94.31             | Inf               | -Inf           | 5.74           | 3           | Vertical  | 333            | 1.03          | -        |  |  |  |  |
| PK   | 5.7254G      | 68.04             | 68.20             | -0.16          | 5.83           | 3           | Vertical  | 333            | 1.03          | -        |  |  |  |  |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5695MHz\_TX

04/11/2017

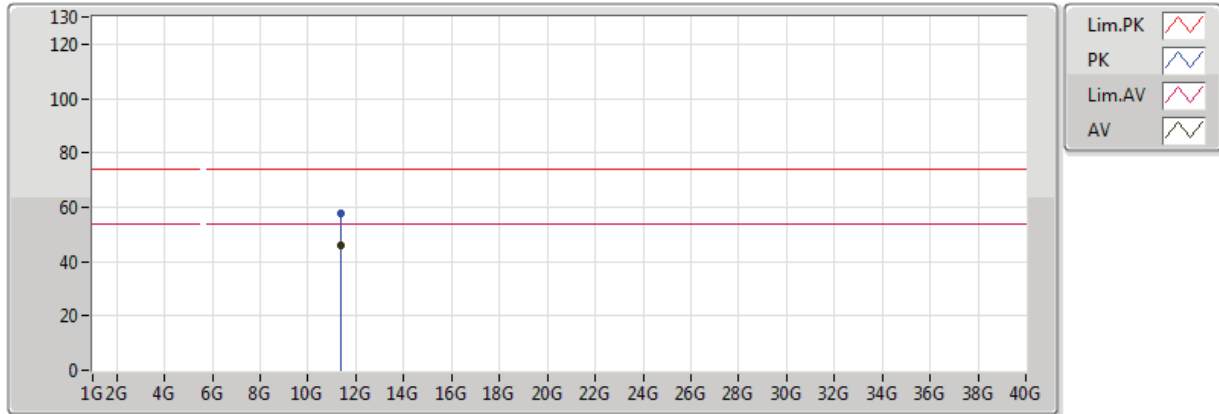


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.685G       | 86.81             | Inf               | -Inf           | 5.73           | 3           | Horizontal | 338            | 1.12          | -        |  |  |  |  |
| PK   | 5.7098G      | 94.54             | Inf               | -Inf           | 5.79           | 3           | Horizontal | 338            | 1.12          | -        |  |  |  |  |
| PK   | 5.7254G      | 67.31             | 68.20             | -0.89          | 5.83           | 3           | Horizontal | 338            | 1.12          | -        |  |  |  |  |

## 802.11ac VHT50\_Nss1,(MCS0)\_2TX

## 5695MHz\_TX

04/11/2017

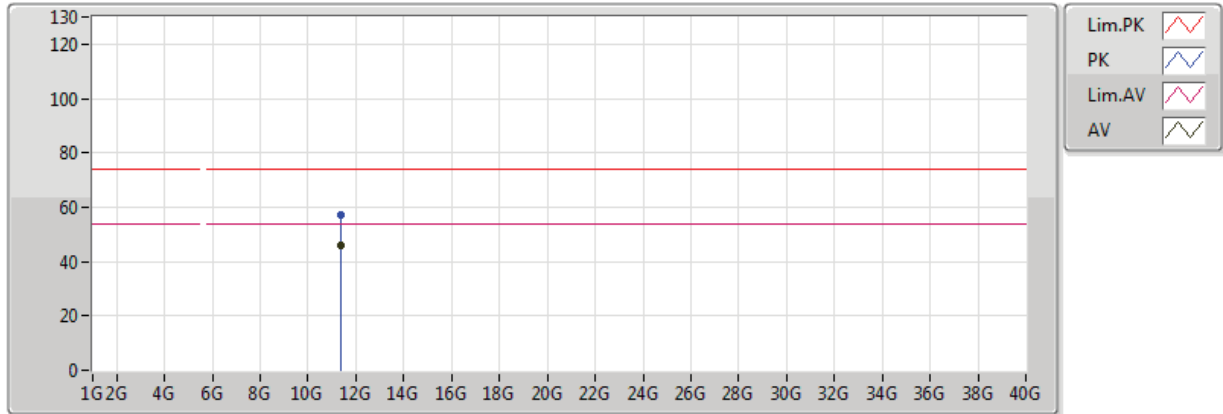


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.3915G     | 46.20             | 54.00             | -7.80          | 16.07          | 3           | Vertical  | 75             | 1.99          | -        |  |  |  |  |
| PK   | 11.38286G    | 57.61             | 74.00             | -16.39         | 16.08          | 3           | Vertical  | 75             | 1.99          | -        |  |  |  |  |

### 802.11ac VHT50\_Nss1,(MCS0)\_2TX

### 5695MHz\_TX

04/11/2017

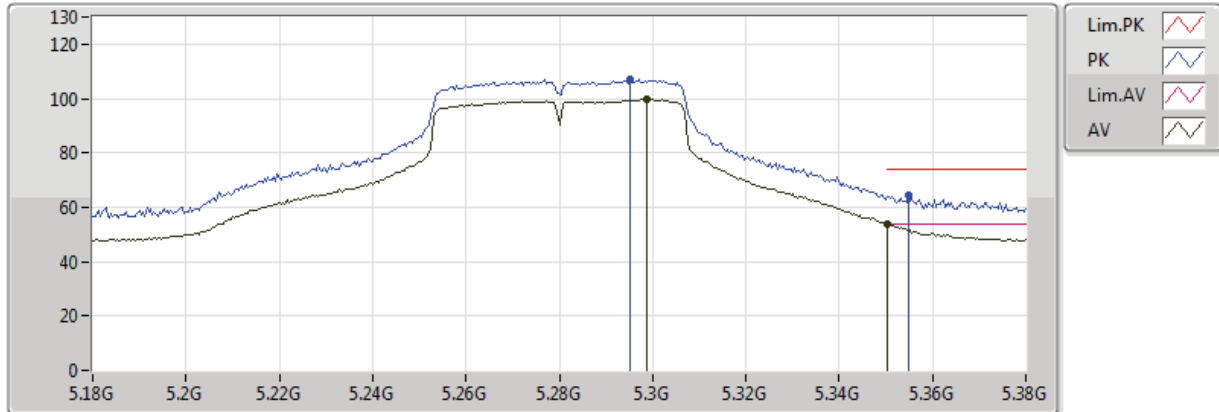


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.40158G    | 46.19             | 54.00             | -7.81          | 16.06          | 3           | Horizontal | 220            | 1.53          | -        |  |  |  |  |
| PK   | 11.39156G    | 56.90             | 74.00             | -17.10         | 16.07          | 3           | Horizontal | 220            | 1.53          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5280MHz\_TX

04/11/2017

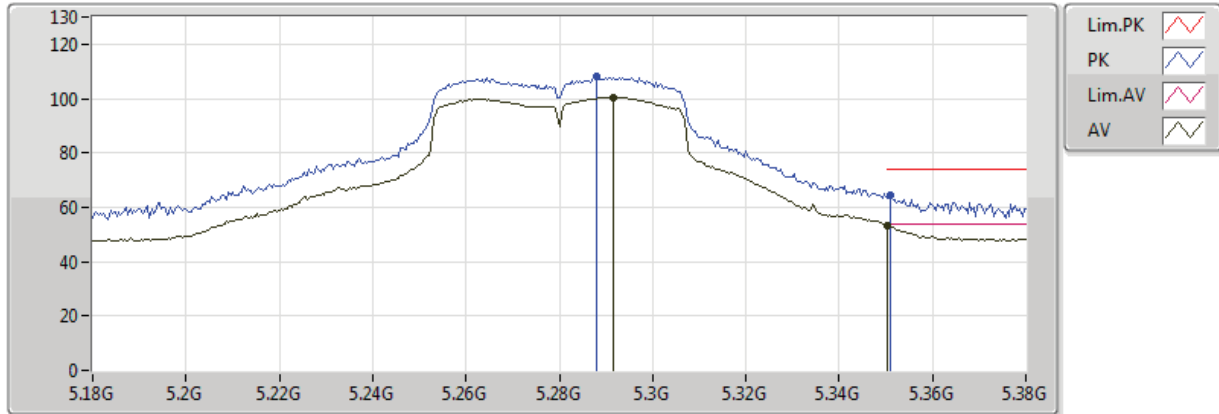


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.2988G      | 99.69             | Inf               | -Inf           | 4.99           | 3           | Vertical  | 332            | 1.02          | -        |  |  |  |  |
| AV   | 5.3504G      | 53.76             | 54.00             | -0.24          | 5.06           | 3           | Vertical  | 332            | 1.02          | -        |  |  |  |  |
| PK   | 5.2952G      | 107.06            | Inf               | -Inf           | 4.98           | 3           | Vertical  | 332            | 1.02          | -        |  |  |  |  |
| PK   | 5.3548G      | 64.21             | 74.00             | -9.79          | 5.07           | 3           | Vertical  | 332            | 1.02          | -        |  |  |  |  |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5280MHz\_TX

04/11/2017

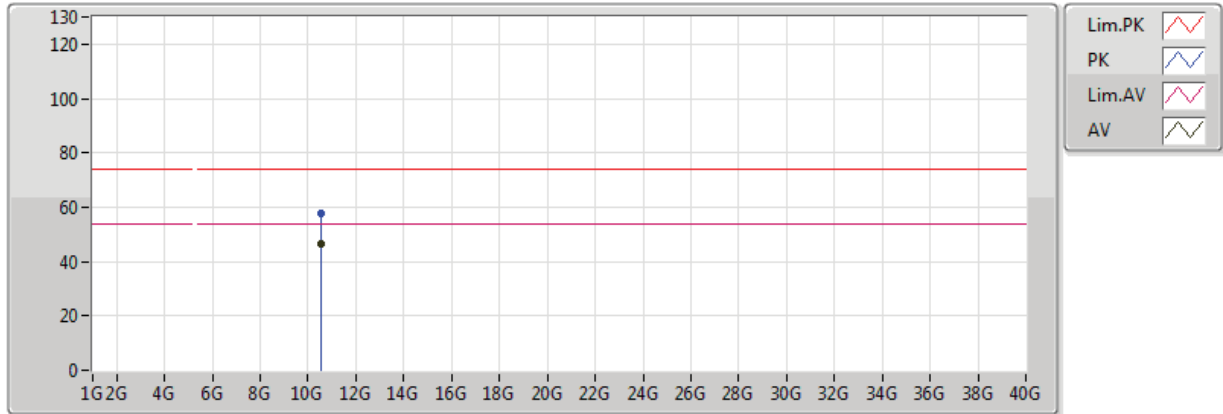


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.2916G      | 100.45            | Inf               | -Inf           | 4.98           | 3           | Horizontal | 334            | 1.01          | -        |  |  |  |  |
| AV   | 5.3504G      | 53.03             | 54.00             | -0.97          | 5.06           | 3           | Horizontal | 334            | 1.01          | -        |  |  |  |  |
| PK   | 5.288G       | 108.03            | Inf               | -Inf           | 4.97           | 3           | Horizontal | 334            | 1.01          | -        |  |  |  |  |
| PK   | 5.3508G      | 64.48             | 74.00             | -9.52          | 5.06           | 3           | Horizontal | 334            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5280MHz\_TX

04/11/2017

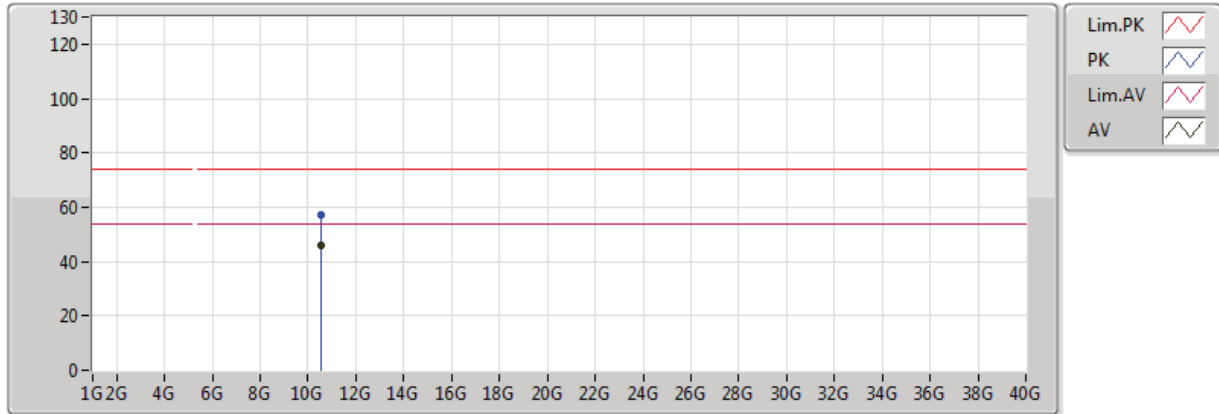


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.5711G     | 46.24             | 54.00             | -7.76          | 15.63          | 3           | Vertical  | 147            | 3.68          | -        |  |  |  |  |
| PK   | 10.5373G     | 57.79             | 74.00             | -16.21         | 15.56          | 3           | Vertical  | 147            | 3.68          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5280MHz\_TX

04/11/2017

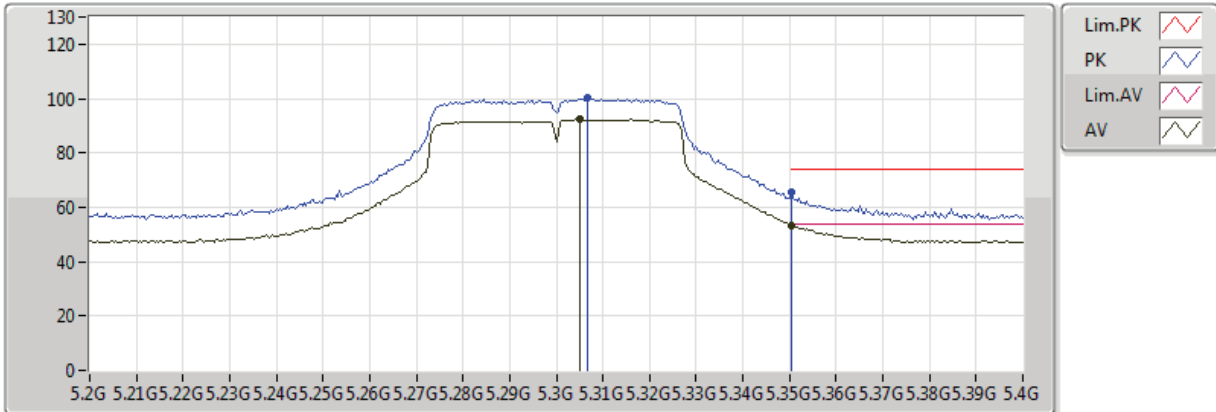


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.57104G    | 46.06             | 54.00             | -7.94          | 15.63          | 3           | Horizontal | 80             | 3.55          | -        |  |  |  |  |
| PK   | 10.55034G    | 57.37             | 74.00             | -16.63         | 15.59          | 3           | Horizontal | 80             | 3.55          | -        |  |  |  |  |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5300MHz\_TX

03/11/2017

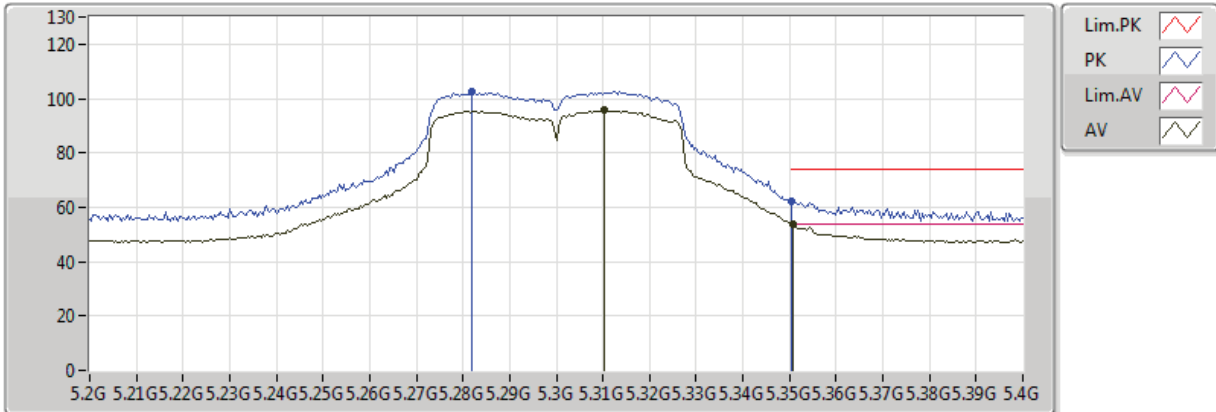


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.3052G      | 92.33             | Inf               | -Inf           | 5.00           | 3           | Vertical  | 357            | 1.01          | -        |
| AV   | 5.3504G      | 53.47             | 54.00             | -0.53          | 5.06           | 3           | Vertical  | 357            | 1.01          | -        |
| PK   | 5.3068G      | 100.41            | Inf               | -Inf           | 5.00           | 3           | Vertical  | 357            | 1.01          | -        |
| PK   | 5.3504G      | 65.38             | 74.00             | -8.62          | 5.06           | 3           | Vertical  | 357            | 1.01          | -        |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

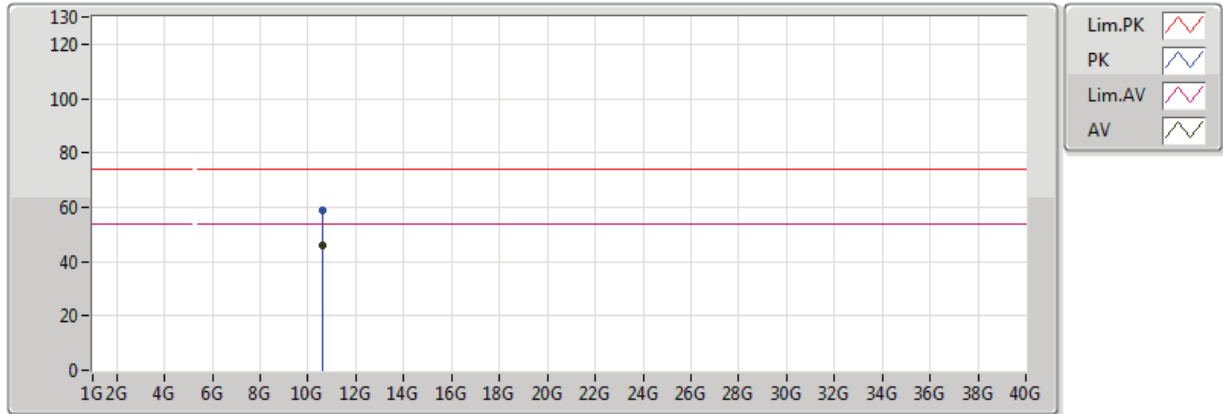


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3104G      | 95.66             | Inf               | -Inf           | 5.00           | 3           | Horizontal | 357            | 1.04          | -        |  |  |  |  |
| AV   | 5.3508G      | 53.80             | 54.00             | -0.20          | 5.06           | 3           | Horizontal | 357            | 1.04          | -        |  |  |  |  |
| PK   | 5.282G       | 102.47            | Inf               | -Inf           | 4.97           | 3           | Horizontal | 357            | 1.04          | -        |  |  |  |  |
| PK   | 5.3504G      | 62.13             | 74.00             | -11.87         | 5.06           | 3           | Horizontal | 357            | 1.04          | -        |  |  |  |  |

# 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5300MHz\_TX

03/11/2017

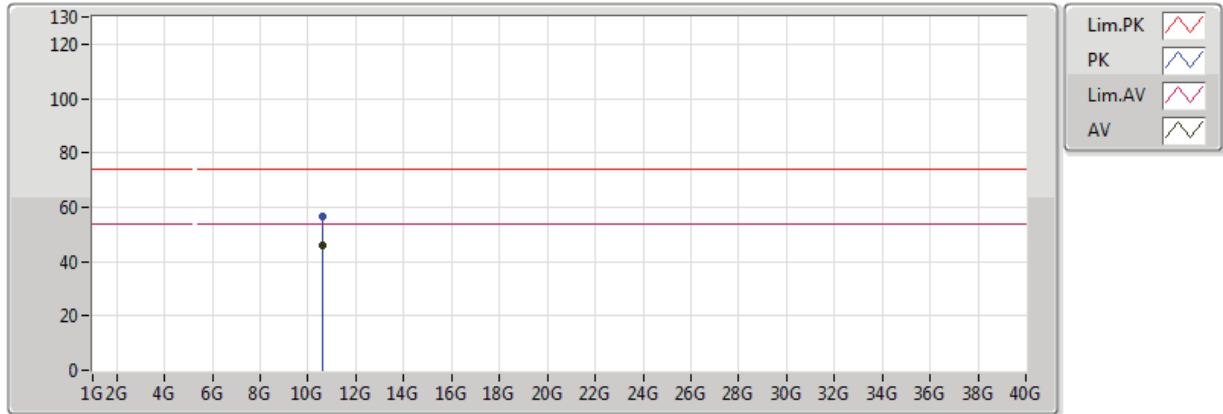


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.6081G     | 46.08             | 54.00             | -7.92          | 15.81          | 3           | Vertical  | 167            | 1.02          | -        |  |  |  |  |
| PK   | 10.60684G    | 58.65             | 74.00             | -15.35         | 15.81          | 3           | Vertical  | 167            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

03/11/2017

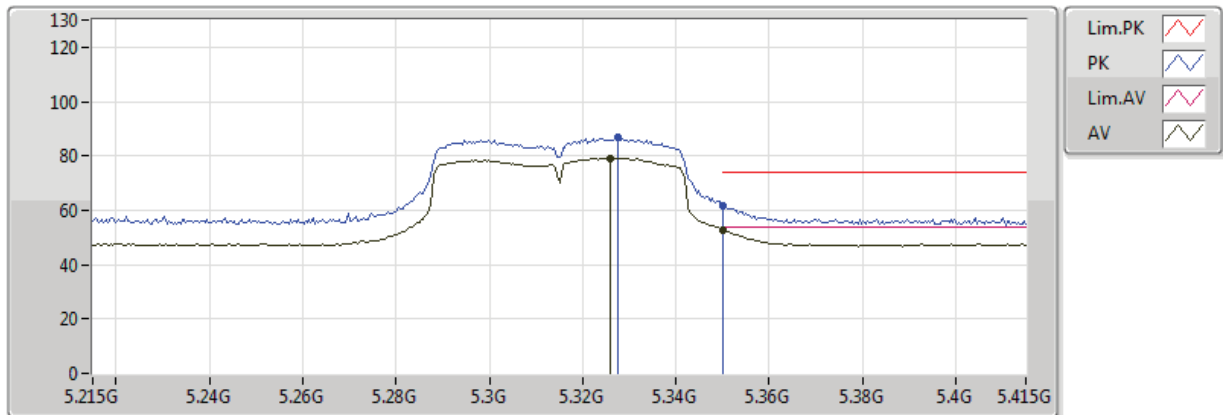


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.59946G    | 46.11             | 54.00             | -7.89          | 15.79          | 3           | Vertical  | 168            | 1.06          | -        |  |  |  |  |
| PK   | 10.60918G    | 56.79             | 74.00             | -17.21         | 15.81          | 3           | Vertical  | 168            | 1.06          | -        |  |  |  |  |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5315MHz\_TX

04/11/2017

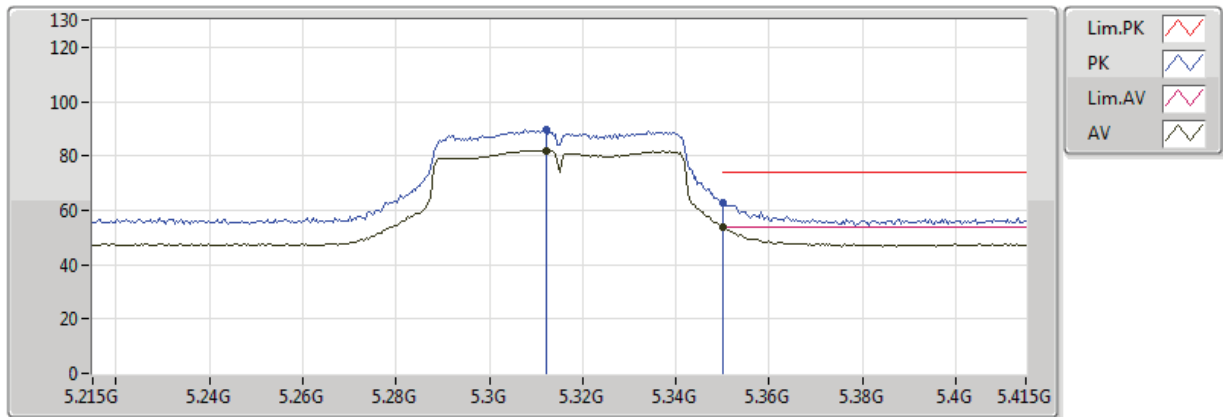


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3258G      | 79.20             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 328            | 1.02          | -        |  |  |  |  |
| AV   | 5.3502G      | 52.40             | 54.00             | -1.60          | 5.06           | 3           | Vertical  | 328            | 1.02          | -        |  |  |  |  |
| PK   | 5.3274G      | 86.59             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 328            | 1.02          | -        |  |  |  |  |
| PK   | 5.3502G      | 61.49             | 74.00             | -12.51         | 5.06           | 3           | Vertical  | 328            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5315MHz\_TX

04/11/2017

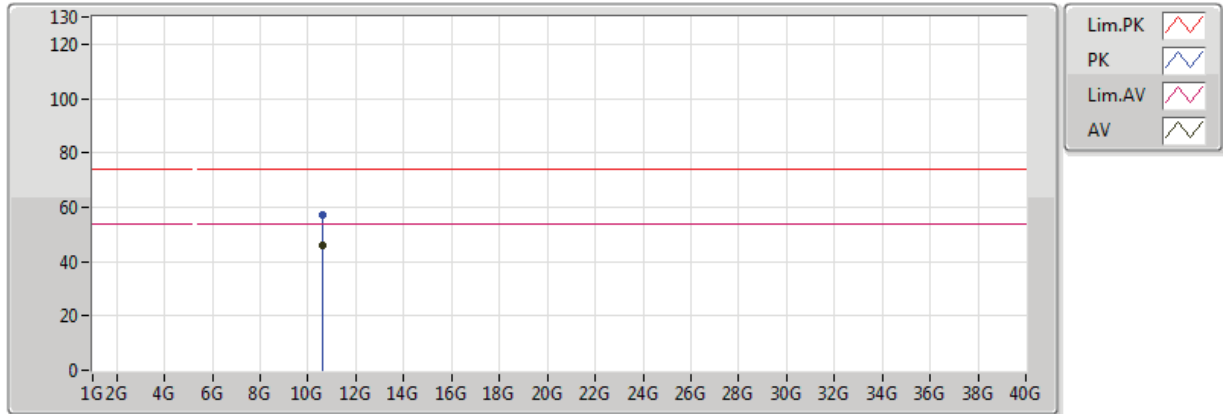


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3122G      | 82.05             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 332            | 1.01          | -        |  |  |  |  |
| AV   | 5.3502G      | 53.79             | 54.00             | -0.21          | 5.06           | 3           | Horizontal | 332            | 1.01          | -        |  |  |  |  |
| PK   | 5.3122G      | 89.54             | Inf               | -Inf           | 5.01           | 3           | Horizontal | 332            | 1.01          | -        |  |  |  |  |
| PK   | 5.3502G      | 62.63             | 74.00             | -11.37         | 5.06           | 3           | Horizontal | 332            | 1.01          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5315MHz\_TX

04/11/2017

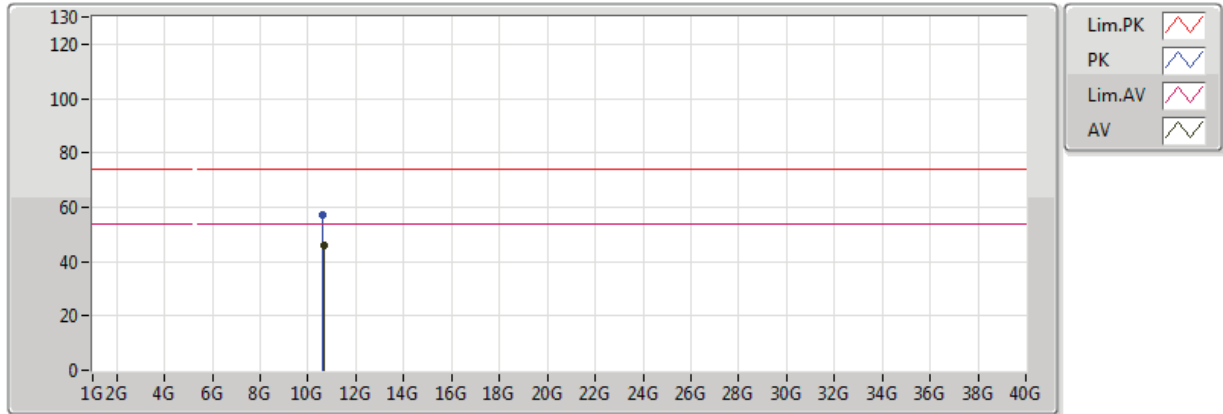


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 10.63G    | 45.97    | 54.00    | -8.03  | 15.76  | 3    | Vertical  | 154     | 2.22   | -        |  |  |  |  |
| PK   | 10.61812G | 56.89    | 74.00    | -17.11 | 15.73  | 3    | Vertical  | 154     | 2.22   | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5315MHz\_TX

04/11/2017

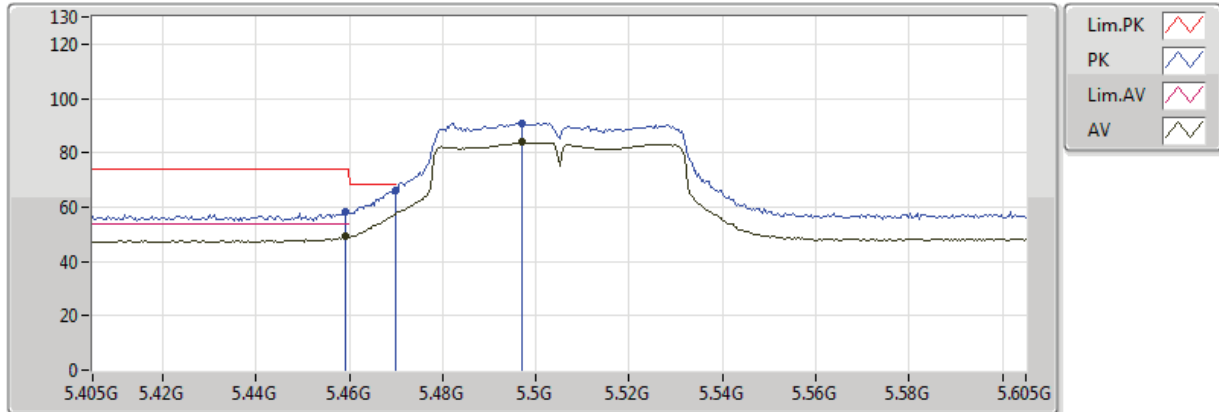


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.64374G    | 46.00             | 54.00             | -8.00          | 15.79          | 3           | Horizontal | 270            | 1.59          | -        |  |  |  |  |
| PK   | 10.63564G    | 57.08             | 74.00             | -16.92         | 15.77          | 3           | Horizontal | 270            | 1.59          | -        |  |  |  |  |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5505MHz\_TX

04/11/2017

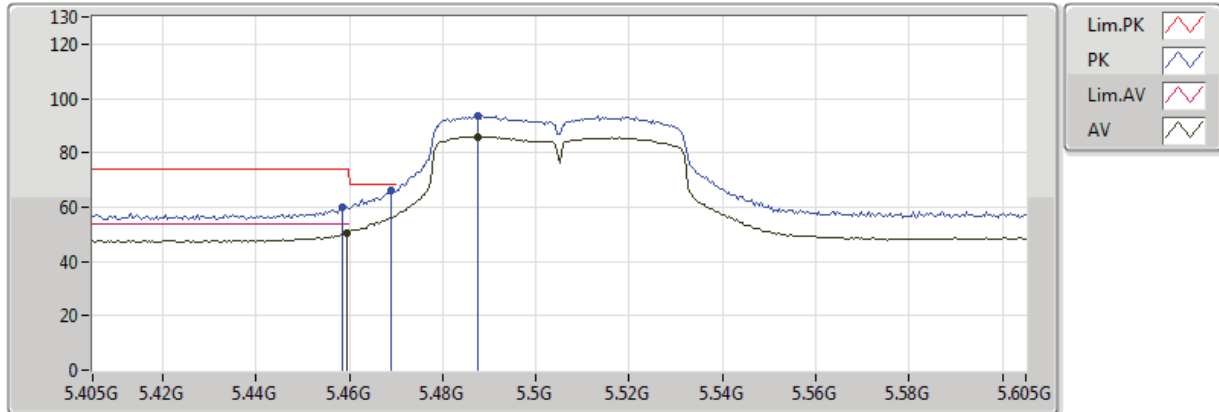


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.459G       | 49.08             | 54.00             | -4.92          | 5.21           | 3           | Vertical  | 324            | 1.00          | -        |  |  |  |  |
| AV   | 5.497G       | 83.78             | Inf               | -Inf           | 5.26           | 3           | Vertical  | 324            | 1.00          | -        |  |  |  |  |
| PK   | 5.459G       | 58.17             | 74.00             | -15.83         | 5.21           | 3           | Vertical  | 324            | 1.00          | -        |  |  |  |  |
| PK   | 5.4698G      | 66.27             | 68.20             | -1.93          | 5.22           | 3           | Vertical  | 324            | 1.00          | -        |  |  |  |  |
| PK   | 5.497G       | 90.97             | Inf               | -Inf           | 5.26           | 3           | Vertical  | 324            | 1.00          | -        |  |  |  |  |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5505MHz\_TX

04/11/2017

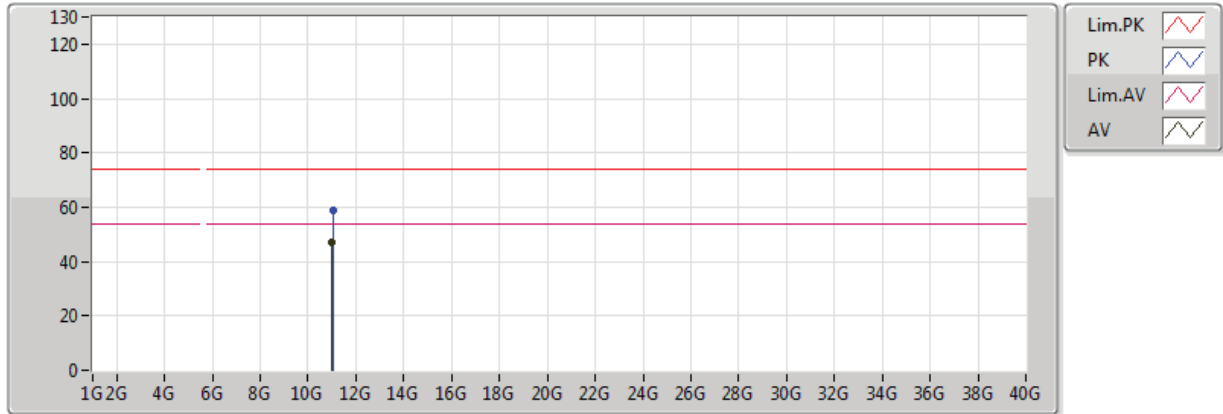


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4594G      | 50.63             | 54.00             | -3.37          | 5.21           | 3           | Horizontal | 332            | 1.10          | -        |  |  |  |  |
| AV   | 5.4874G      | 86.01             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 332            | 1.10          | -        |  |  |  |  |
| PK   | 5.4586G      | 59.76             | 74.00             | -14.24         | 5.21           | 3           | Horizontal | 332            | 1.10          | -        |  |  |  |  |
| PK   | 5.469G       | 66.06             | 68.20             | -2.14          | 5.22           | 3           | Horizontal | 332            | 1.10          | -        |  |  |  |  |
| PK   | 5.4874G      | 93.41             | Inf               | -Inf           | 5.24           | 3           | Horizontal | 332            | 1.10          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5505MHz\_TX

04/11/2017

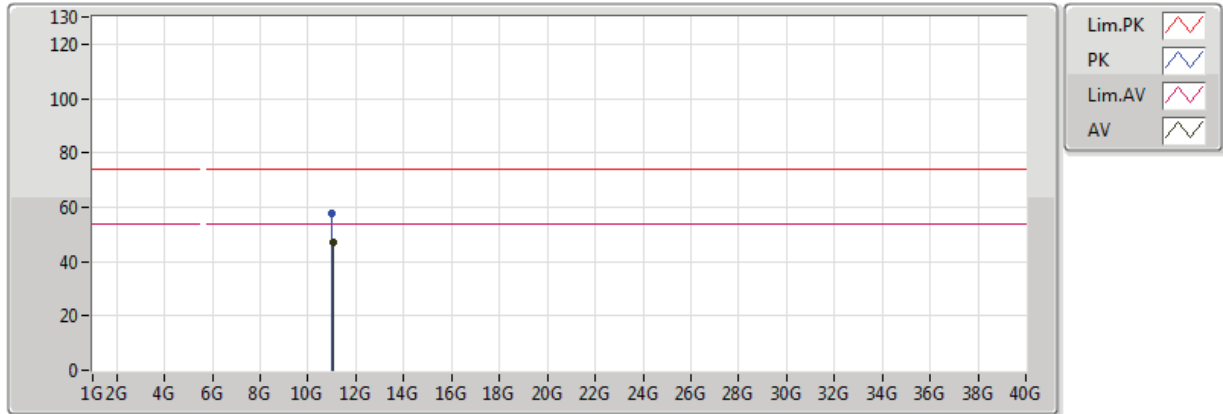


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.00022G    | 46.95             | 54.00             | -7.05          | 16.57          | 3           | Vertical  | 124            | 2.02          | -        |  |  |  |  |
| PK   | 11.02242G    | 58.61             | 74.00             | -15.39         | 16.54          | 3           | Vertical  | 124            | 2.02          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5505MHz\_TX

04/11/2017

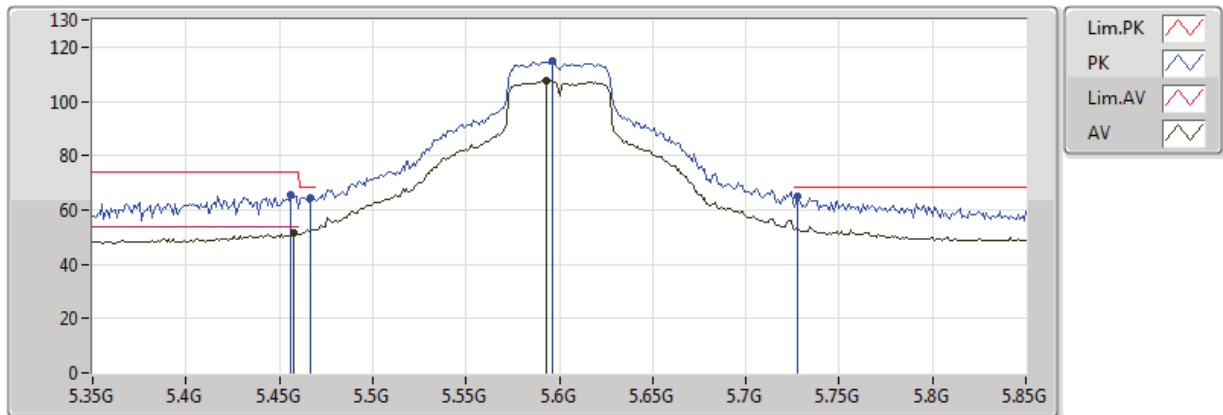


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.0217G     | 46.88             | 54.00             | -7.12          | 16.54          | 3           | Horizontal | 167            | 1.44          | -        |  |  |  |  |
| PK   | 10.99842G    | 57.75             | 74.00             | -16.25         | 16.57          | 3           | Horizontal | 167            | 1.44          | -        |  |  |  |  |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

03/11/2017

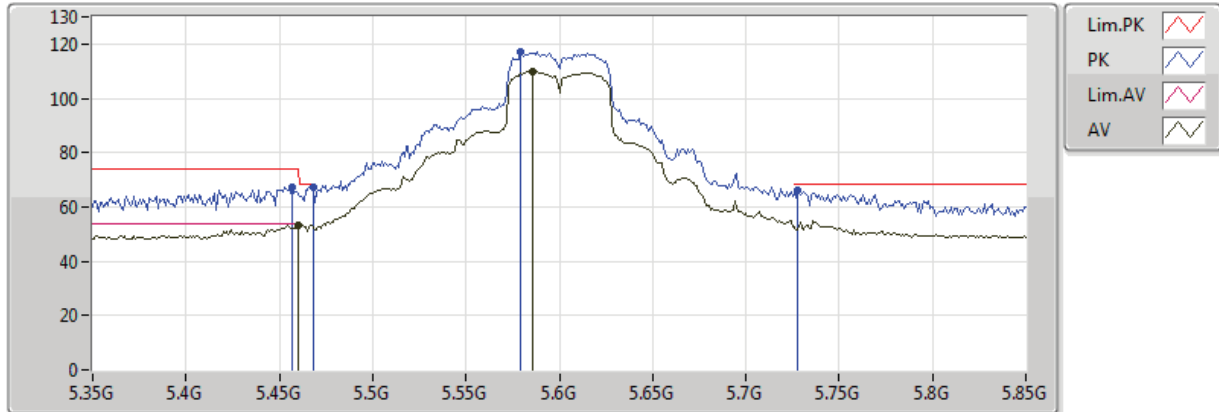


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.458G       | 51.51             | 54.00             | -2.49          | 5.21           | 3           | Vertical  | 354            | 1.00          | -        |
| AV   | 5.593G       | 107.63            | Inf               | -Inf           | 5.49           | 3           | Vertical  | 354            | 1.00          | -        |
| PK   | 5.456G       | 65.60             | 74.00             | -8.40          | 5.20           | 3           | Vertical  | 354            | 1.00          | -        |
| PK   | 5.467G       | 64.63             | 68.20             | -3.57          | 5.22           | 3           | Vertical  | 354            | 1.00          | -        |
| PK   | 5.596G       | 114.71            | Inf               | -Inf           | 5.50           | 3           | Vertical  | 354            | 1.00          | -        |
| PK   | 5.728G       | 65.16             | 68.20             | -3.04          | 5.84           | 3           | Vertical  | 354            | 1.00          | -        |

## 802.11ac VHT60\_Nss1,(MCS0)\_2TX

## 5600MHz\_TX

03/11/2017

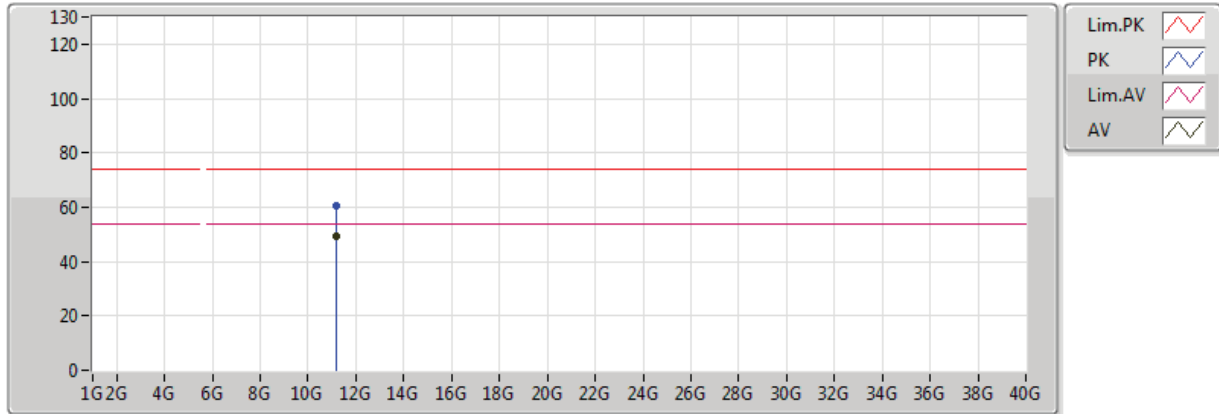


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.46G        | 53.12             | 54.00             | -0.88          | 5.21           | 3           | Horizontal | 359            | 1.09          | -        |  |  |  |  |
| AV   | 5.586G       | 109.84            | Inf               | -Inf           | 5.47           | 3           | Horizontal | 359            | 1.09          | -        |  |  |  |  |
| PK   | 5.457G       | 67.21             | 74.00             | -6.79          | 5.20           | 3           | Horizontal | 360            | 1.50          | -        |  |  |  |  |
| PK   | 5.468G       | 67.30             | 68.20             | -0.90          | 5.22           | 3           | Horizontal | 359            | 1.09          | -        |  |  |  |  |
| PK   | 5.579G       | 117.08            | Inf               | -Inf           | 5.46           | 3           | Horizontal | 359            | 1.09          | -        |  |  |  |  |
| PK   | 5.728G       | 65.96             | 68.20             | -2.24          | 5.84           | 3           | Horizontal | 359            | 1.09          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

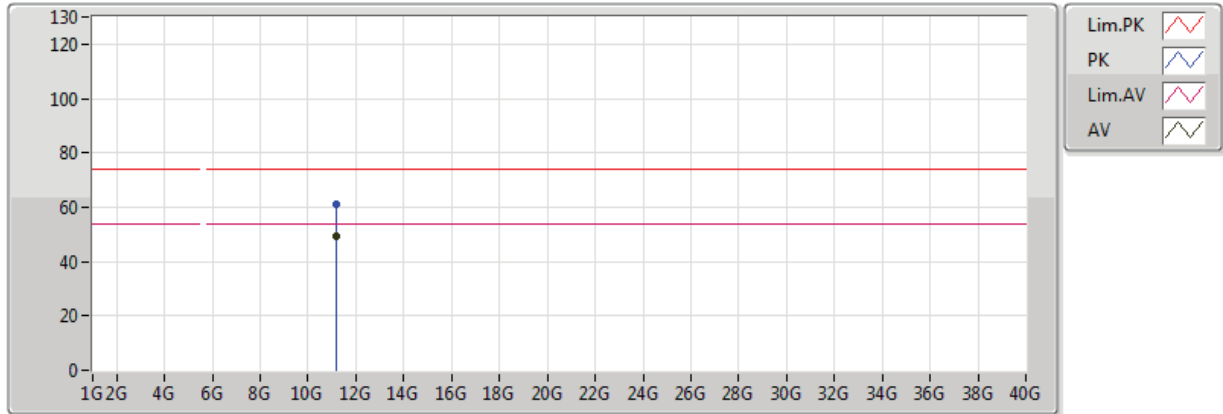


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.1782G     | 49.36             | 54.00             | -4.64          | 16.34          | 3           | Vertical  | 171            | 1.02          | -        |  |  |  |  |
| PK   | 11.1794G     | 60.29             | 74.00             | -13.71         | 16.34          | 3           | Vertical  | 171            | 1.02          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5600MHz\_TX

03/11/2017

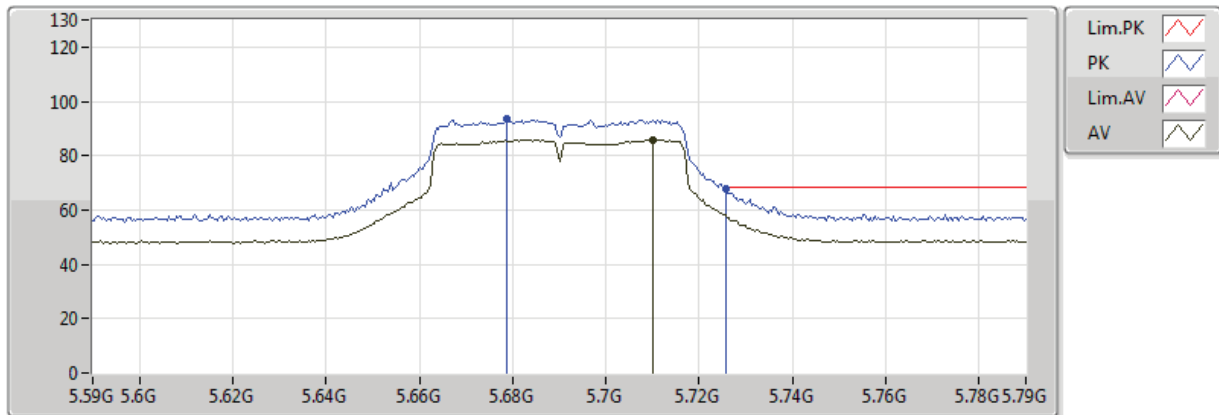


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 11.1781G     | 49.40             | 54.00             | -4.60          | 16.34          | 3           | Horizontal | 174            | 1.09          | -        |
| PK   | 11.1786G     | 60.95             | 74.00             | -13.05         | 16.34          | 3           | Horizontal | 174            | 1.09          | -        |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5690MHz\_TX

04/11/2017

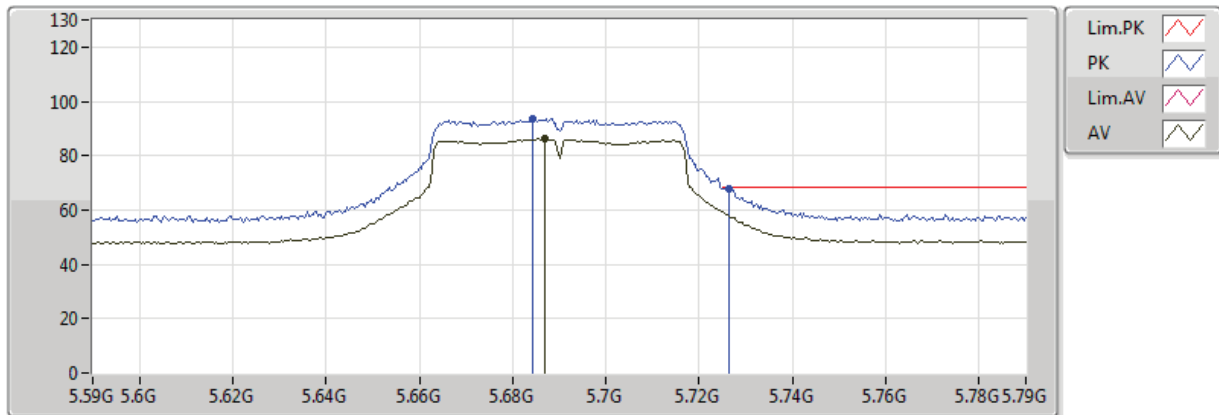


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.71G        | 85.91             | Inf               | -Inf           | 5.80           | 3           | Vertical  | 323            | 1.05          | -        |  |  |  |  |
| PK   | 5.6788G      | 93.55             | Inf               | -Inf           | 5.71           | 3           | Vertical  | 323            | 1.05          | -        |  |  |  |  |
| PK   | 5.7256G      | 67.62             | 68.20             | -0.58          | 5.83           | 3           | Vertical  | 323            | 1.05          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5690MHz\_TX

04/11/2017

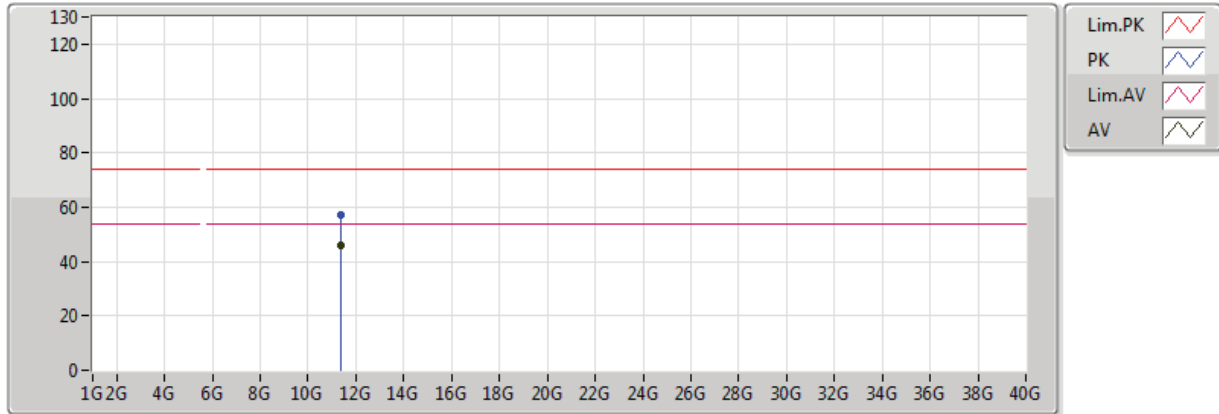


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.6868G      | 86.40             | Inf               | -Inf           | 5.74           | 3           | Horizontal | 326            | 1.50          | -        |  |  |  |  |
| PK   | 5.6844G      | 93.71             | Inf               | -Inf           | 5.73           | 3           | Horizontal | 326            | 1.50          | -        |  |  |  |  |
| PK   | 5.7264G      | 67.73             | 68.20             | -0.47          | 5.84           | 3           | Horizontal | 326            | 1.50          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5690MHz\_TX

04/11/2017

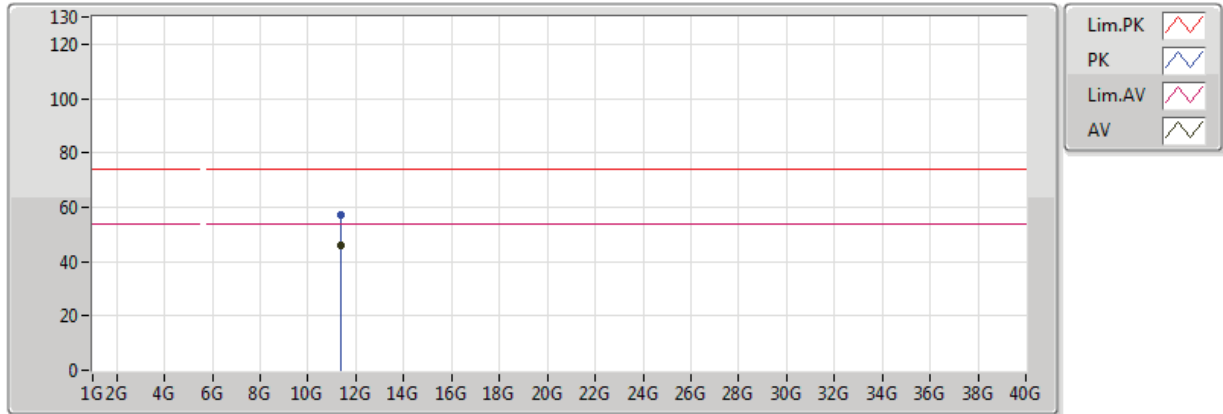


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.3872G     | 46.12             | 54.00             | -7.88          | 16.07          | 3           | Vertical  | 87             | 1.83          | -        |  |  |  |  |
| PK   | 11.38738G    | 56.88             | 74.00             | -17.12         | 16.07          | 3           | Vertical  | 87             | 1.83          | -        |  |  |  |  |

### 802.11ac VHT60\_Nss1,(MCS0)\_2TX

### 5690MHz\_TX

04/11/2017

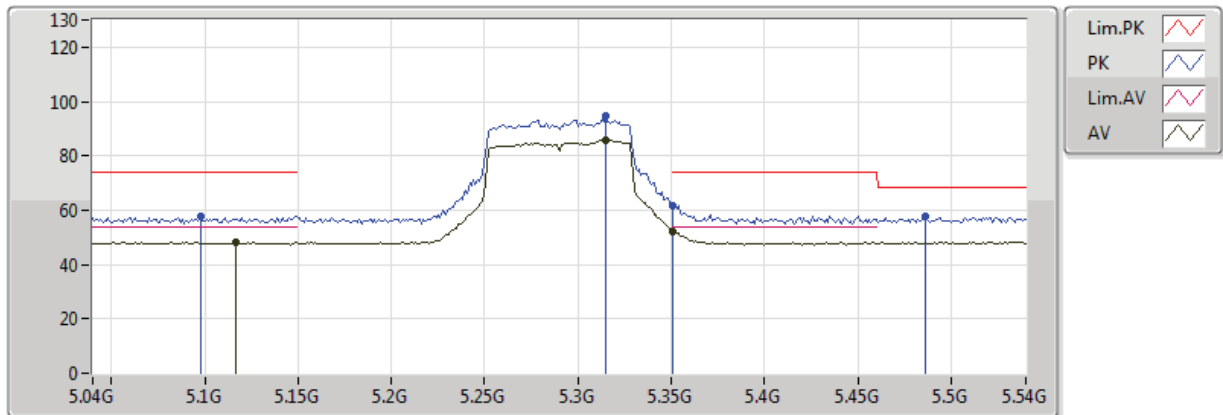


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.3926G     | 46.16             | 54.00             | -7.84          | 16.07          | 3           | Horizontal | 114            | 2.03          | -        |  |  |  |  |
| PK   | 11.39458G    | 57.28             | 74.00             | -16.72         | 16.06          | 3           | Horizontal | 114            | 2.03          | -        |  |  |  |  |

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

## 5290MHz\_TX

04/11/2017

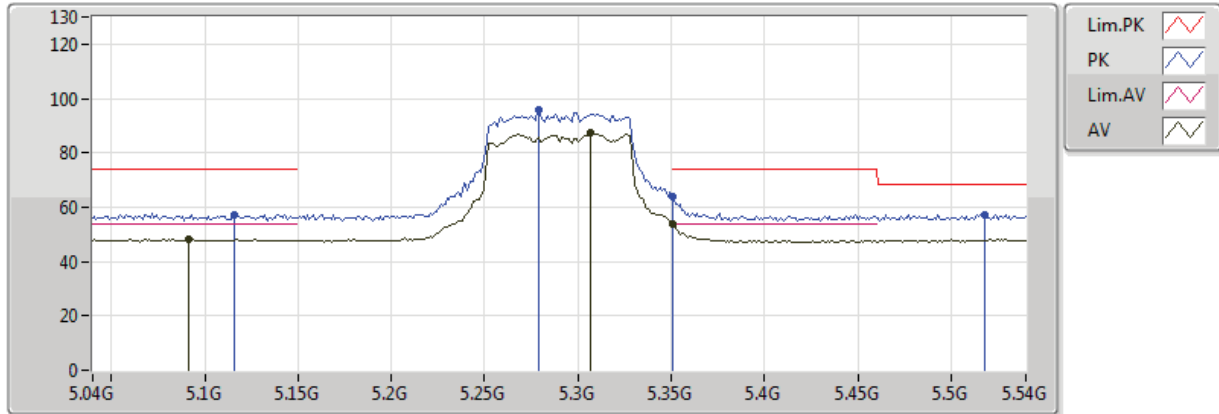


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.117G       | 48.13             | 54.00             | -5.87          | 4.74           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |
| AV   | 5.315G       | 85.84             | Inf               | -Inf           | 5.01           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |
| AV   | 5.351G       | 52.26             | 54.00             | -1.74          | 5.06           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |
| PK   | 5.098G       | 57.91             | 74.00             | -16.09         | 4.72           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |
| PK   | 5.315G       | 94.51             | Inf               | -Inf           | 5.01           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |
| PK   | 5.351G       | 61.40             | 74.00             | -12.60         | 5.06           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |
| PK   | 5.486G       | 57.54             | 68.20             | -10.66         | 5.24           | 3           | Vertical  | 324            | 1.12          | -        |  |  |  |  |

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

### 5290MHz\_TX

04/11/2017

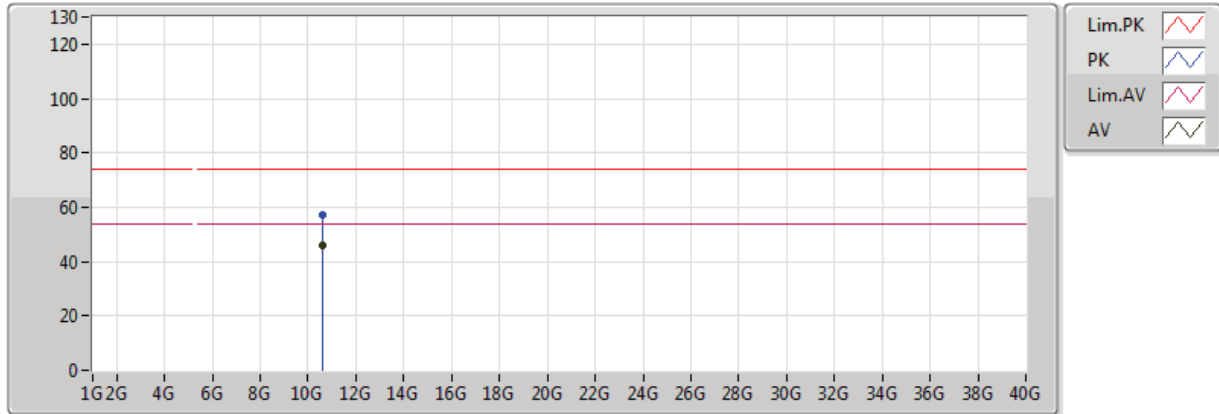


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.091G       | 48.14             | 54.00             | -5.86          | 4.71           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |
| AV   | 5.307G       | 87.14             | Inf               | -Inf           | 5.00           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |
| AV   | 5.351G       | 53.70             | 54.00             | -0.30          | 5.06           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |
| PK   | 5.116G       | 57.23             | 74.00             | -16.77         | 4.74           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |
| PK   | 5.279G       | 95.87             | Inf               | -Inf           | 4.96           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |
| PK   | 5.351G       | 63.83             | 74.00             | -10.17         | 5.06           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |
| PK   | 5.518G       | 57.43             | 68.20             | -10.77         | 5.30           | 3           | Horizontal | 324            | 1.11          | -        |  |  |  |  |

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

### 5290MHz\_TX

04/11/2017

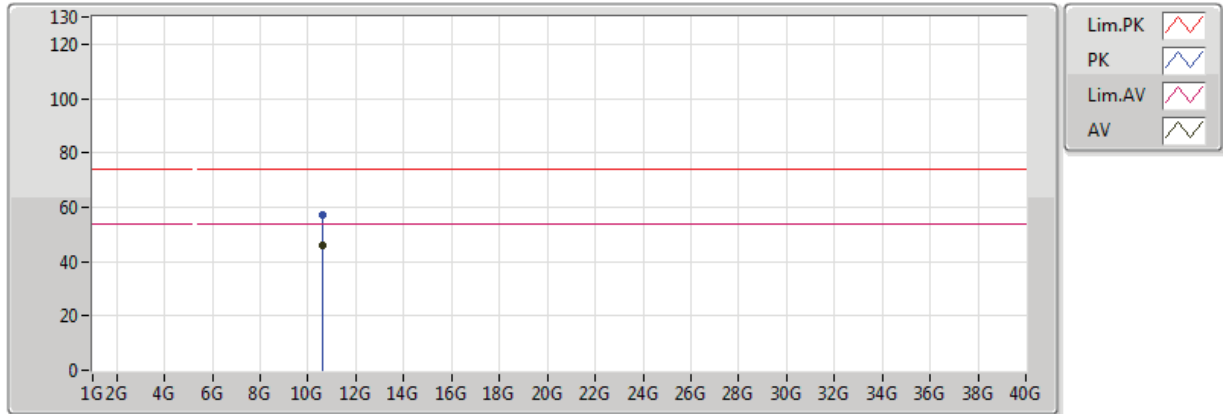


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.57868G    | 46.10             | 54.00             | -7.90          | 15.65          | 3           | Vertical  | 124            | 1.55          | -        |  |  |  |  |
| PK   | 10.58756G    | 57.22             | 74.00             | -16.78         | 15.67          | 3           | Vertical  | 124            | 1.55          | -        |  |  |  |  |

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

### 5290MHz\_TX

04/11/2017

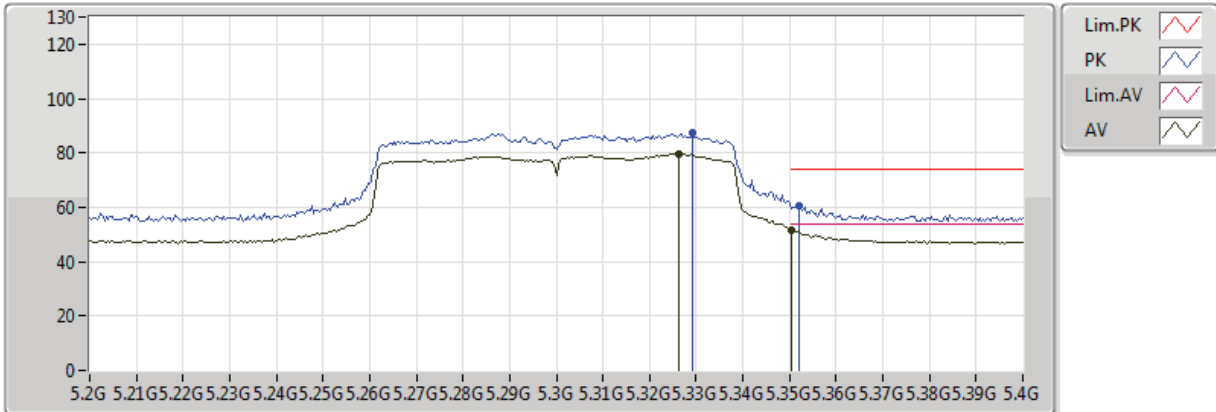


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.59218G    | 45.98             | 54.00             | -8.02          | 15.68          | 3           | Horizontal | 359            | 1.74          | -        |  |  |  |  |
| PK   | 10.58816G    | 57.16             | 74.00             | -16.84         | 15.67          | 3           | Horizontal | 359            | 1.74          | -        |  |  |  |  |

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

### 5300MHz\_TX

03/11/2017

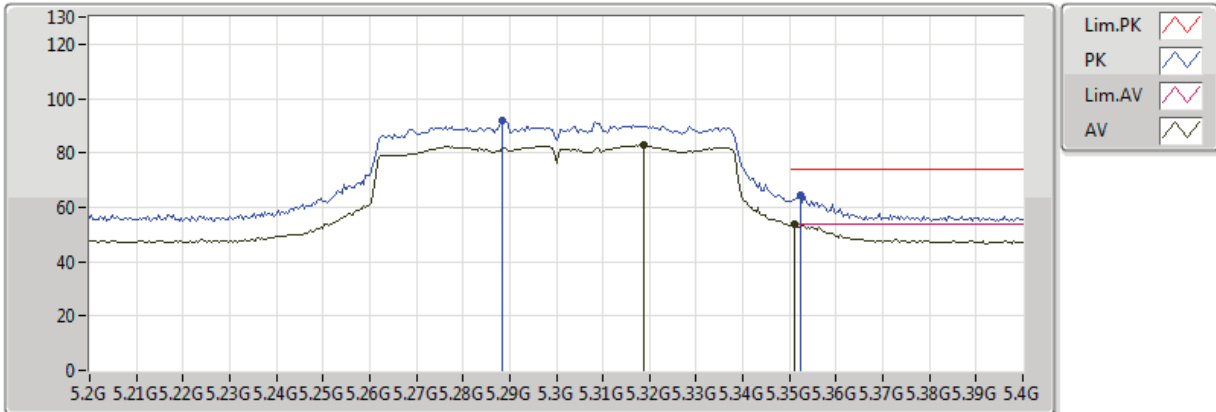


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.3264G      | 79.68             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 352            | 1.05          | -        |  |  |  |  |
| AV   | 5.3504G      | 51.61             | 54.00             | -2.39          | 5.06           | 3           | Vertical  | 352            | 1.05          | -        |  |  |  |  |
| PK   | 5.3292G      | 87.40             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 352            | 1.05          | -        |  |  |  |  |
| PK   | 5.352G       | 60.28             | 74.00             | -13.72         | 5.06           | 3           | Vertical  | 352            | 1.05          | -        |  |  |  |  |

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

## 5300MHz\_TX

03/11/2017

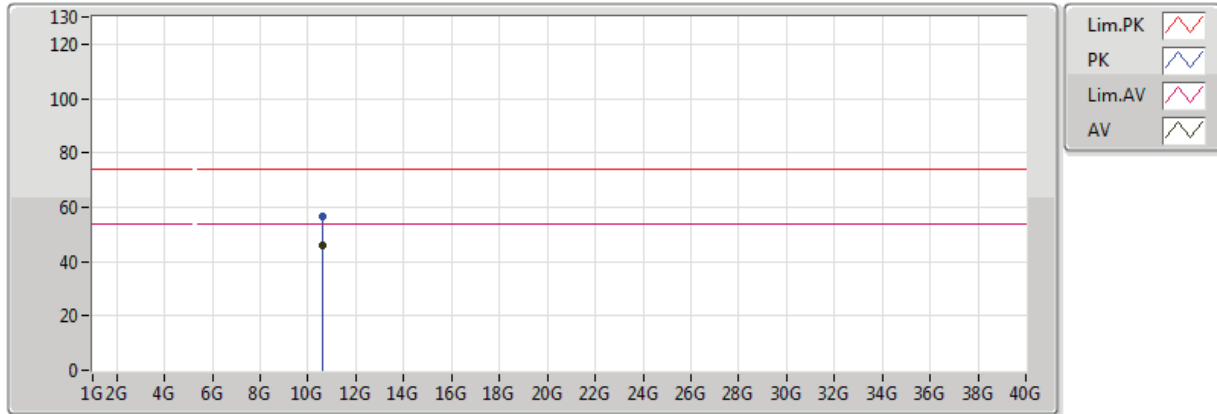


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.3188G      | 82.71             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 355            | 1.04          | -        |
| AV   | 5.3512G      | 53.72             | 54.00             | -0.28          | 5.06           | 3           | Horizontal | 355            | 1.04          | -        |
| PK   | 5.2884G      | 91.87             | Inf               | -Inf           | 4.97           | 3           | Horizontal | 355            | 1.04          | -        |
| PK   | 5.3524G      | 64.44             | 74.00             | -9.56          | 5.06           | 3           | Horizontal | 355            | 1.04          | -        |

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

### 5300MHz\_TX

03/11/2017

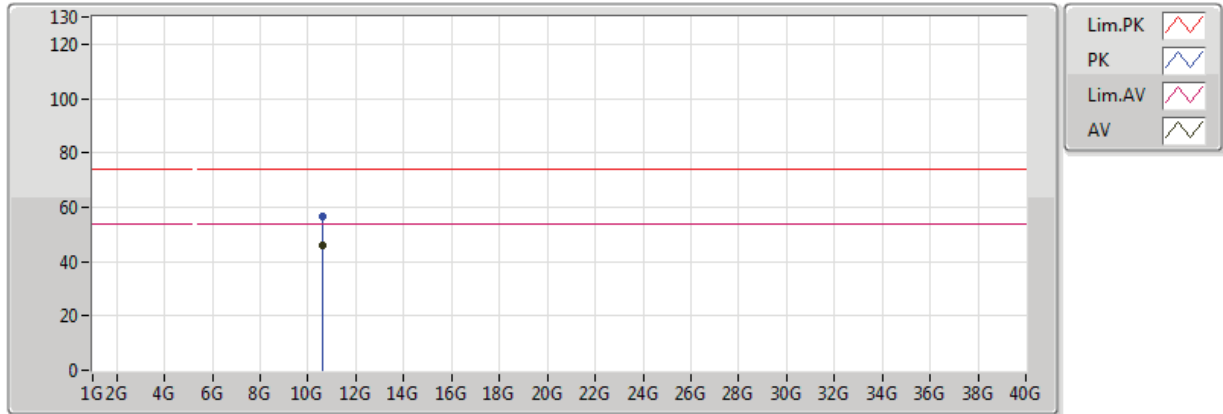


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|----------|
| AV   | 10.6003G  | 45.97          | 54.00          | -8.03       | 15.69       | 3        | Vertical  | 167         | 1.03       | -        |
| PK   | 10.6102G  | 56.84          | 74.00          | -17.16      | 15.72       | 3        | Vertical  | 167         | 1.03       | -        |

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

### 5300MHz\_TX

03/11/2017

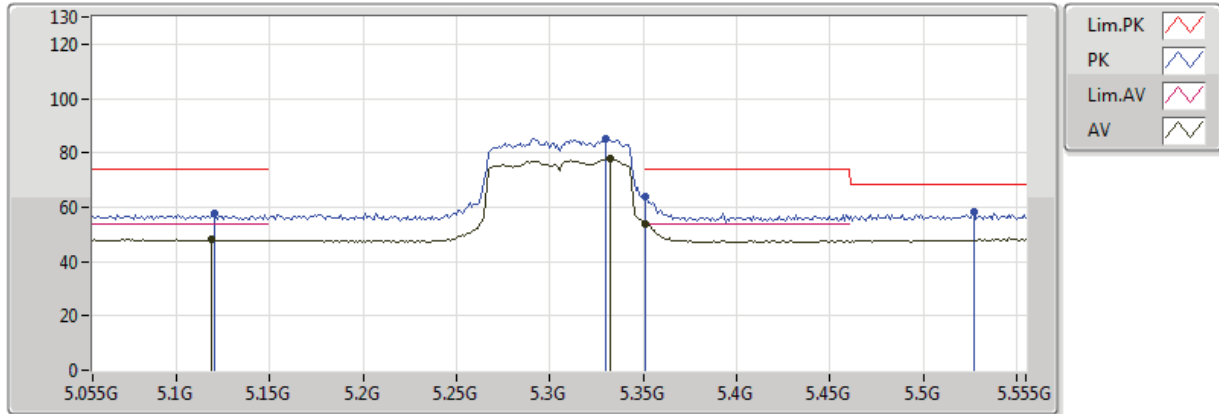


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.5959G     | 46.04             | 54.00             | -7.96          | 15.69          | 3           | Horizontal | 165            | 1.08          | -        |  |  |  |  |
| PK   | 10.596G      | 56.86             | 74.00             | -17.14         | 15.69          | 3           | Horizontal | 165            | 1.08          | -        |  |  |  |  |

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

## 5305MHz\_TX

04/11/2017

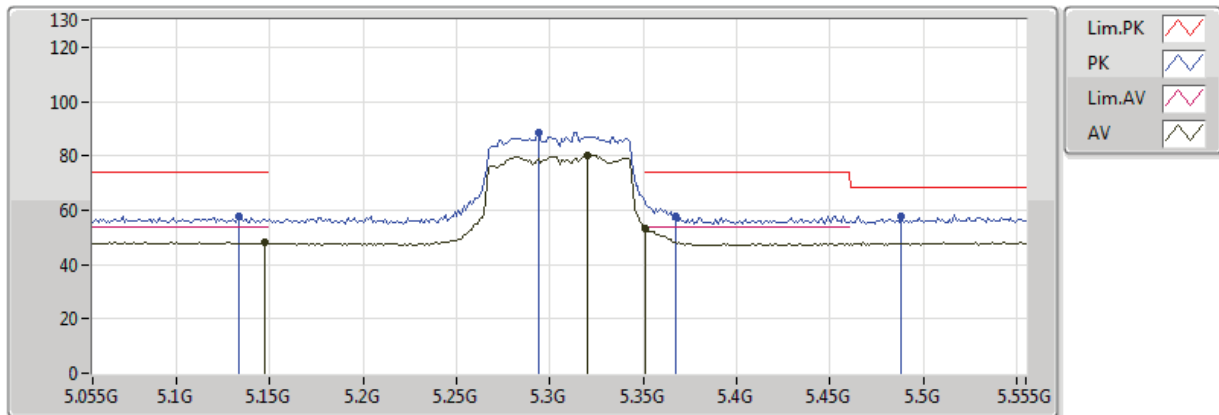


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.119G       | 48.29             | 54.00             | -5.71          | 4.75           | 3           | Vertical  | 318            | 1.00          | -        |
| AV   | 5.332G       | 77.94             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 318            | 1.00          | -        |
| AV   | 5.351G       | 53.74             | 54.00             | -0.26          | 5.06           | 3           | Vertical  | 318            | 1.00          | -        |
| PK   | 5.12G        | 57.72             | 74.00             | -16.28         | 4.75           | 3           | Vertical  | 318            | 1.00          | -        |
| PK   | 5.33G        | 84.95             | Inf               | -Inf           | 5.03           | 3           | Vertical  | 318            | 1.00          | -        |
| PK   | 5.351G       | 64.02             | 74.00             | -9.98          | 5.06           | 3           | Vertical  | 318            | 1.00          | -        |
| PK   | 5.527G       | 58.30             | 68.20             | -9.90          | 5.33           | 3           | Vertical  | 318            | 1.00          | -        |

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

### 5305MHz\_TX

04/11/2017

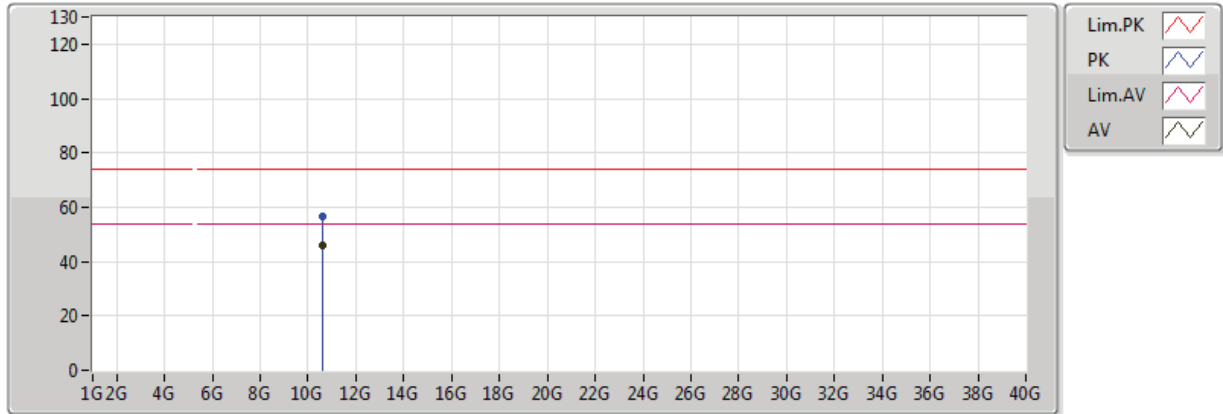


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.147G       | 48.24             | 54.00             | -5.76          | 4.79           | 3           | Horizontal | 324            | 1.08          | -        |
| AV   | 5.32G        | 80.09             | Inf               | -Inf           | 5.02           | 3           | Horizontal | 324            | 1.08          | -        |
| AV   | 5.351G       | 53.45             | 54.00             | -0.55          | 5.06           | 3           | Horizontal | 324            | 1.08          | -        |
| PK   | 5.133G       | 57.96             | 74.00             | -16.04         | 4.77           | 3           | Horizontal | 324            | 1.08          | -        |
| PK   | 5.294G       | 88.77             | Inf               | -Inf           | 4.98           | 3           | Horizontal | 324            | 1.08          | -        |
| PK   | 5.367G       | 57.63             | 74.00             | -16.37         | 5.08           | 3           | Horizontal | 324            | 1.08          | -        |
| PK   | 5.488G       | 57.62             | 68.20             | -10.58         | 5.24           | 3           | Horizontal | 324            | 1.08          | -        |

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

### 5305MHz\_TX

04/11/2017

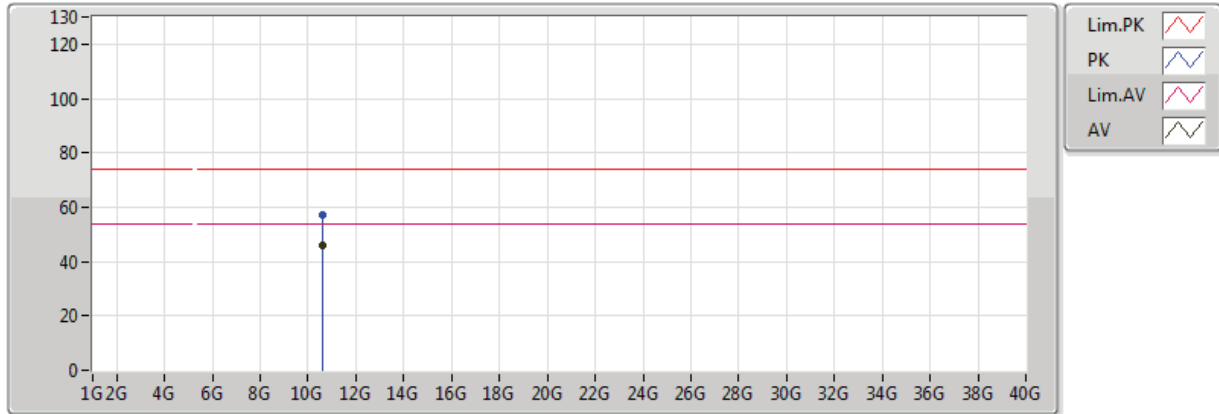


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|----------|
| AV   | 10.60052G | 46.06          | 54.00          | -7.94       | 15.70       | 3        | Vertical  | 233         | 1.86       | -        |
| PK   | 10.60052G | 56.83          | 74.00          | -17.17      | 15.70       | 3        | Vertical  | 233         | 1.86       | -        |

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

### 5305MHz\_TX

04/11/2017

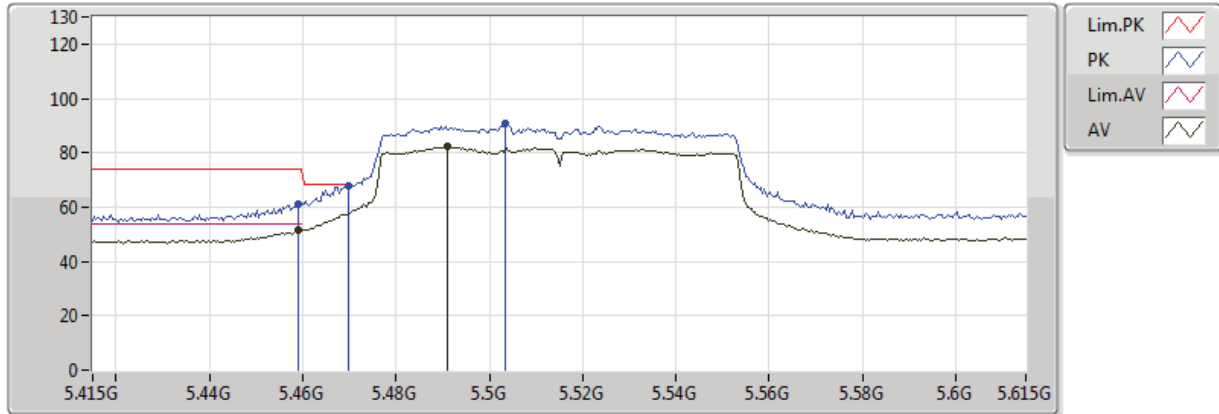


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 10.60616G    | 46.01             | 54.00             | -7.99          | 15.71          | 3           | Horizontal | 166            | 2.04          | -        |  |  |  |  |
| PK   | 10.61606G    | 57.15             | 74.00             | -16.85         | 15.73          | 3           | Horizontal | 166            | 2.04          | -        |  |  |  |  |

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

## 5515MHz\_TX

04/11/2017

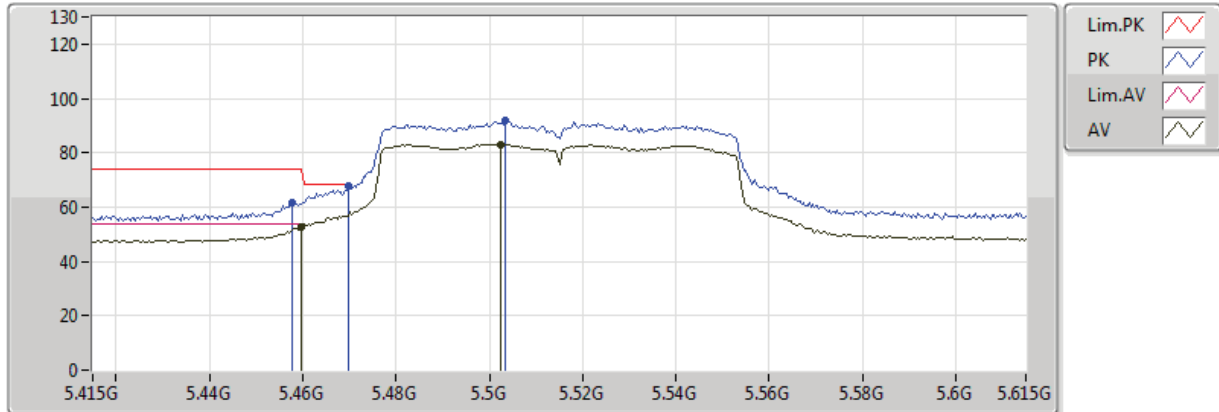


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.459G       | 51.72             | 54.00             | -2.28          | 5.21           | 3           | Vertical  | 320            | 1.18          | -        |  |  |  |  |
| AV   | 5.491G       | 82.11             | Inf               | -Inf           | 5.25           | 3           | Vertical  | 320            | 1.18          | -        |  |  |  |  |
| PK   | 5.459G       | 60.91             | 74.00             | -13.09         | 5.21           | 3           | Vertical  | 320            | 1.18          | -        |  |  |  |  |
| PK   | 5.4698G      | 67.95             | 68.20             | -0.25          | 5.22           | 3           | Vertical  | 320            | 1.18          | -        |  |  |  |  |
| PK   | 5.5034G      | 91.00             | Inf               | -Inf           | 5.27           | 3           | Vertical  | 320            | 1.18          | -        |  |  |  |  |

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

## 5515MHz\_TX

04/11/2017

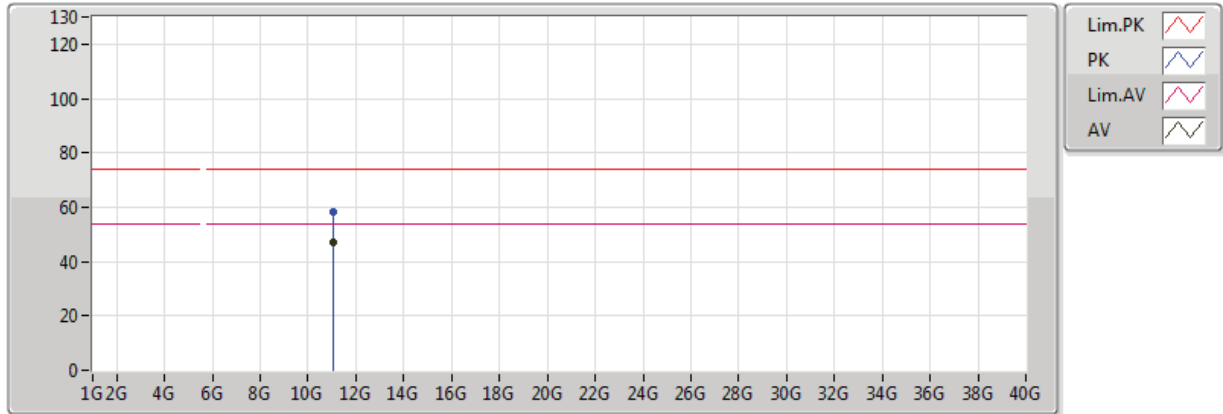


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.4598G      | 52.50             | 54.00             | -1.50          | 5.21           | 3           | Horizontal | 321            | 1.50          | -        |  |  |  |  |
| AV   | 5.5026G      | 83.15             | Inf               | -Inf           | 5.27           | 3           | Horizontal | 321            | 1.50          | -        |  |  |  |  |
| PK   | 5.4578G      | 61.37             | 74.00             | -12.63         | 5.21           | 3           | Horizontal | 321            | 1.50          | -        |  |  |  |  |
| PK   | 5.4698G      | 67.69             | 68.20             | -0.51          | 5.22           | 3           | Horizontal | 321            | 1.50          | -        |  |  |  |  |
| PK   | 5.5034G      | 91.72             | Inf               | -Inf           | 5.27           | 3           | Horizontal | 321            | 1.50          | -        |  |  |  |  |

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

### 5515MHz\_TX

04/11/2017

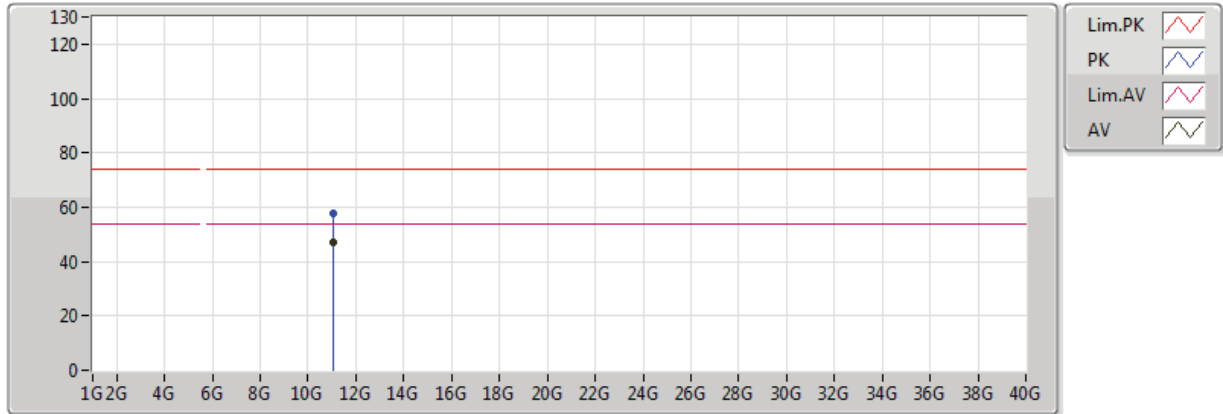


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.0306G     | 47.02             | 54.00             | -6.98          | 16.53          | 3           | Vertical  | 16             | 1.97          | -        |  |  |  |  |
| PK   | 11.04032G    | 58.08             | 74.00             | -15.92         | 16.52          | 3           | Vertical  | 16             | 1.97          | -        |  |  |  |  |

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

### 5515MHz\_TX

04/11/2017

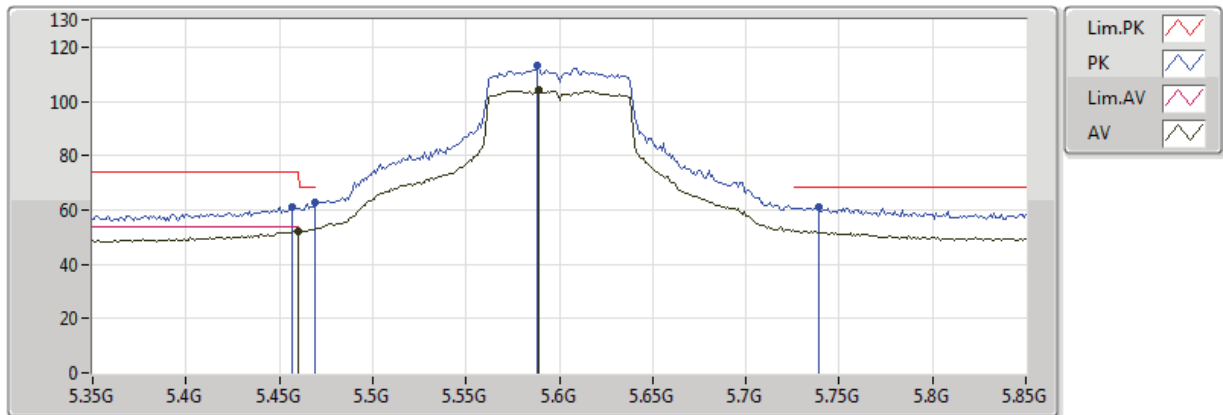


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.03558G    | 47.15             | 54.00             | -6.85          | 16.52          | 3           | Horizontal | 294            | 2.28          | -        |  |  |  |  |
| PK   | 11.04182G    | 57.67             | 74.00             | -16.33         | 16.52          | 3           | Horizontal | 294            | 2.28          | -        |  |  |  |  |

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

### 5600MHz\_TX

09/11/2017

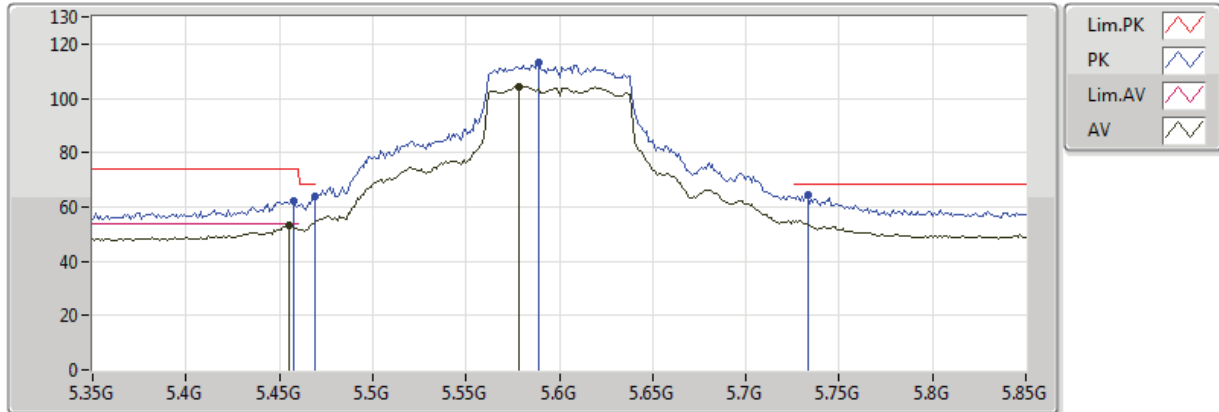


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.46G        | 52.11             | 54.00             | -1.89          | 5.21           | 3           | Vertical  | 350            | 1.02          | -        |
| AV   | 5.589G       | 103.95            | Inf               | -Inf           | 5.48           | 3           | Vertical  | 350            | 1.02          | -        |
| PK   | 5.457G       | 61.15             | 74.00             | -12.85         | 5.20           | 3           | Vertical  | 350            | 1.02          | -        |
| PK   | 5.469G       | 62.54             | 68.20             | -5.66          | 5.22           | 3           | Vertical  | 350            | 1.02          | -        |
| PK   | 5.588G       | 113.19            | Inf               | -Inf           | 5.48           | 3           | Vertical  | 350            | 1.02          | -        |
| PK   | 5.739G       | 60.83             | 68.20             | -7.37          | 5.87           | 3           | Vertical  | 350            | 1.02          | -        |

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

## 5600MHz\_TX

03/11/2017

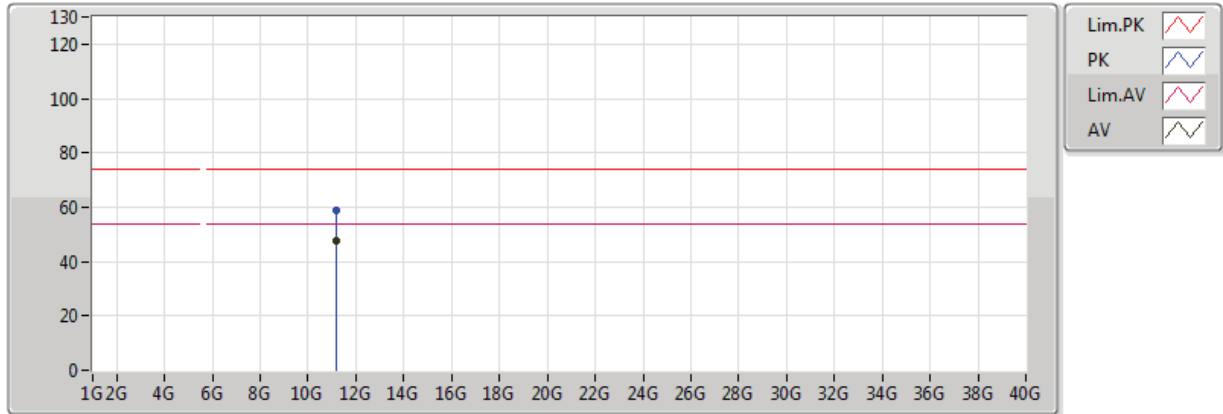


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.455G       | 53.02             | 54.00             | -0.98          | 5.20           | 3           | Horizontal | 354            | 1.02          | -        |  |  |  |  |
| AV   | 5.578G       | 104.36            | Inf               | -Inf           | 5.46           | 3           | Horizontal | 354            | 1.02          | -        |  |  |  |  |
| PK   | 5.458G       | 62.31             | 74.00             | -11.69         | 5.21           | 3           | Horizontal | 354            | 1.02          | -        |  |  |  |  |
| PK   | 5.469G       | 63.77             | 68.20             | -4.43          | 5.22           | 3           | Horizontal | 354            | 1.02          | -        |  |  |  |  |
| PK   | 5.589G       | 113.46            | Inf               | -Inf           | 5.48           | 3           | Horizontal | 354            | 1.02          | -        |  |  |  |  |
| PK   | 5.733G       | 64.17             | 68.20             | -4.03          | 5.85           | 3           | Horizontal | 354            | 1.02          | -        |  |  |  |  |

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

## 5600MHz\_TX

03/11/2017

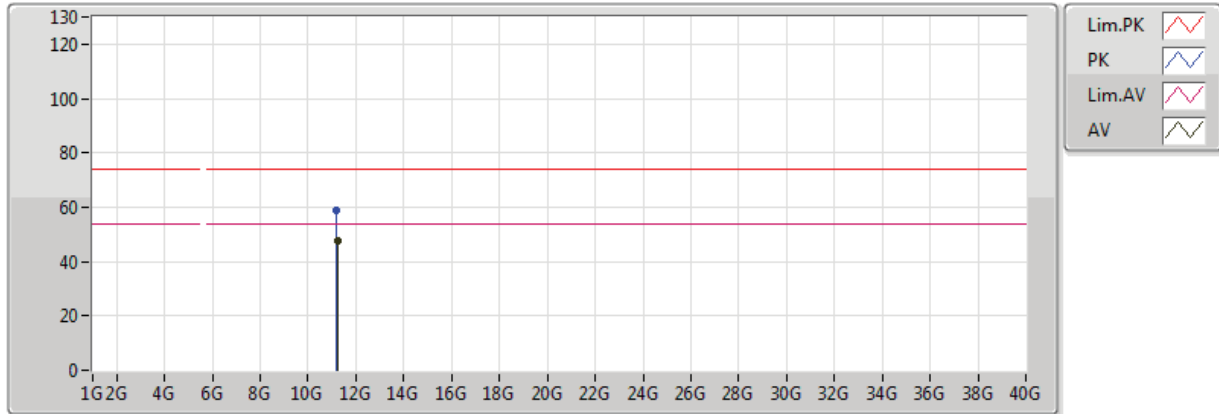


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|
| AV   | 11.1774G     | 47.46             | 54.00             | -6.54          | 16.34          | 3           | Vertical  | 168            | 1.01          | -        |  |  |  |  |
| PK   | 11.1817G     | 58.93             | 74.00             | -15.07         | 16.34          | 3           | Vertical  | 168            | 1.01          | -        |  |  |  |  |

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

### 5600MHz\_TX

03/11/2017

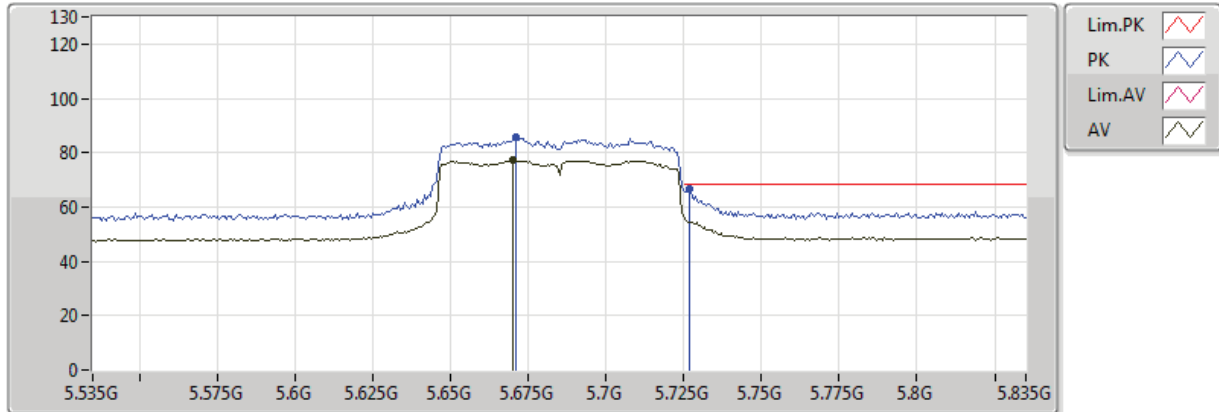


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.2188G | 47.62    | 54.00    | -6.38  | 16.29  | 3    | Horizontal | 171     | 1.16   | -        |  |  |  |  |
| PK   | 11.1787G | 59.02    | 74.00    | -14.98 | 16.34  | 3    | Horizontal | 171     | 1.16   | -        |  |  |  |  |

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

### 5685MHz\_TX

04/11/2017

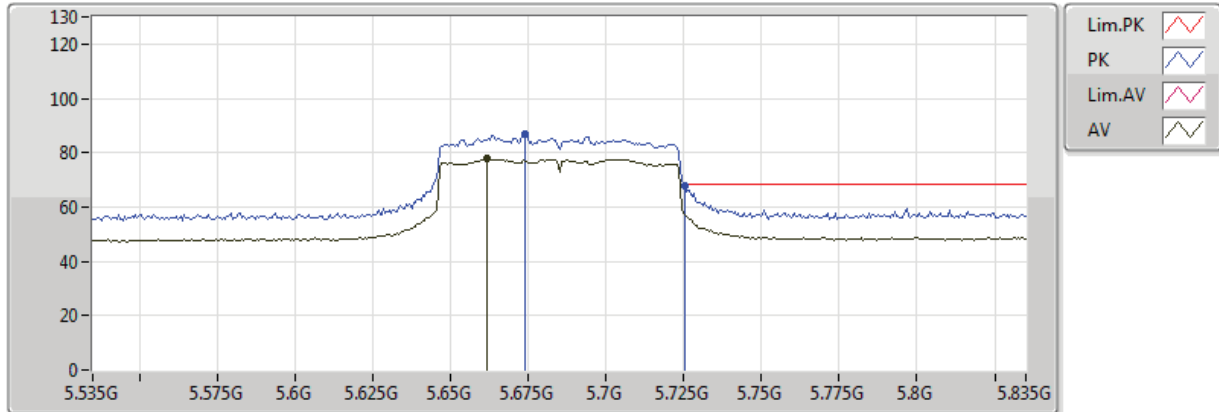


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.67G        | 77.11             | Inf               | -Inf           | 5.69           | 3           | Vertical  | 315            | 1.12          | -        |
| PK   | 5.6712G      | 85.47             | Inf               | -Inf           | 5.70           | 3           | Vertical  | 315            | 1.12          | -        |
| PK   | 5.727G       | 66.79             | 68.20             | -1.41          | 5.84           | 3           | Vertical  | 315            | 1.12          | -        |

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

## 5685MHz\_TX

04/11/2017

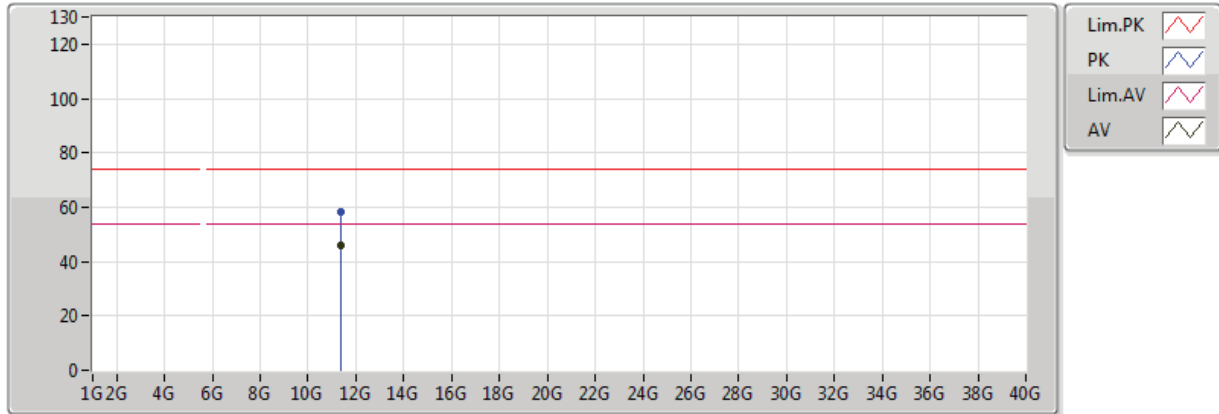


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|
| AV   | 5.6616G      | 77.65             | Inf               | -Inf           | 5.67           | 3           | Horizontal | 321            | 1.59          | -        |  |  |  |  |
| PK   | 5.6742G      | 87.07             | Inf               | -Inf           | 5.70           | 3           | Horizontal | 321            | 1.59          | -        |  |  |  |  |
| PK   | 5.7252G      | 67.69             | 68.20             | -0.51          | 5.83           | 3           | Horizontal | 321            | 1.59          | -        |  |  |  |  |

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

## 5685MHz\_TX

04/11/2017

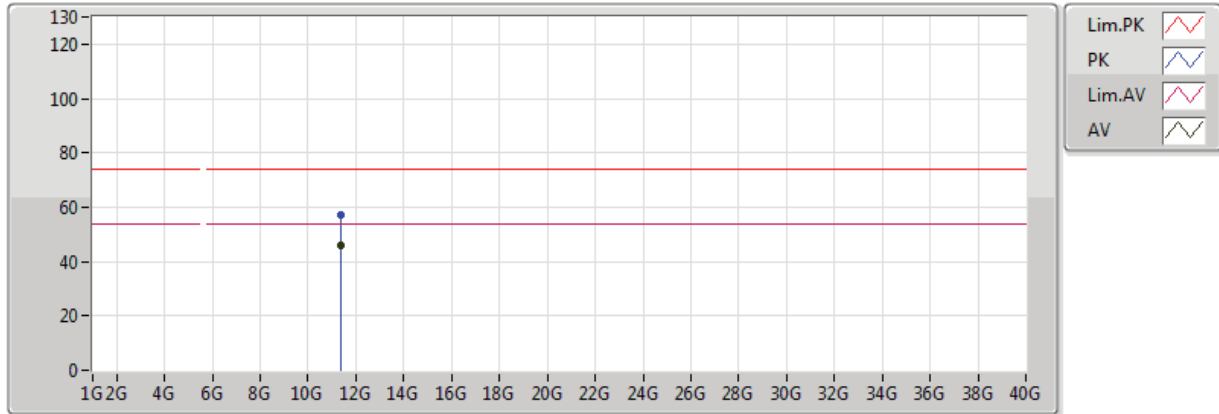


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |
| AV   | 11.35512G | 46.11    | 54.00    | -7.89  | 16.12  | 3    | Vertical  | 306     | 2.16   | -        |  |  |  |  |
| PK   | 11.3574G  | 58.11    | 74.00    | -15.89 | 16.11  | 3    | Vertical  | 306     | 2.16   | -        |  |  |  |  |

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

### 5685MHz\_TX

04/11/2017



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|----------|
| AV   | 11.355G   | 46.14          | 54.00          | -7.86       | 16.12       | 3        | Horizontal | 215         | 2.01       | -        |
| PK   | 11.37324G | 56.95          | 74.00          | -17.05      | 16.09       | 3        | Horizontal | 215         | 2.01       | -        |