

# FCC Test Report

**FCC ID** : 2AIBX-NIU5L  
**Equipment** : NIU5 WiFi / BLE Module  
**Brand Name** : Electrolux  
**Model Name** : NIU5-50  
**Applicant** : ELECTROLUX ITALIA S.p.A.  
Corso Lino Zanussi 24 / 33080 Porcia (PN), Italy  
**Manufacturer** : LITE-ON Technology (Changzhou) CO.LTD  
No.88, Yanghu Road, Wujin Hi-Tech Industrial  
Development Zone, Jiangsu Province, China  
Zip Code: 213166  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Oct. 31, 2018, and testing was started from Nov. 19, 2018 and completed on Nov. 21, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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



Approved by: Phoenix Chen

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

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

## Table of Contents

|  |           |
|--|-----------|
| <b>HISTORY OF THIS TEST REPORT .....</b>                             | <b>3</b>  |
| <b>SUMMARY OF TEST RESULT .....</b>                                  | <b>4</b>  |
| <b>1 GENERAL DESCRIPTION .....</b>                                   | <b>5</b>  |
| 1.1 Information.....   | 5         |
| 1.2 Testing Applied Standards .....                                  | 8         |
| 1.3 Testing Location Information .....                               | 8         |
| 1.4 Measurement Uncertainty .....                                    | 8         |
| <b>2 TEST CONFIGURATION OF EUT.....</b>                              | <b>9</b>  |
| 2.1 Test Condition .....   | 9         |
| 2.2 Test Channel Mode .....  | 9         |
| 2.3 The Worst Case Measurement Configuration.....                    | 10        |
| 2.4 Support Equipment.....   | 11        |
| 2.5 Test Setup Diagram .....   | 12        |
| <b>3 TRANSMITTER TEST RESULT .....</b>                               | <b>14</b> |
| 3.1 AC Power-line Conducted Emissions .....                          | 14        |
| 3.2 Emission Bandwidth .....   | 16        |
| 3.3 Maximum Conducted Output Power .....                             | 17        |
| 3.4 Peak Power Spectral Density.....                                 | 19        |
| 3.5 Unwanted Emissions.....  | 21        |
| 3.6 Test Equipment and Calibration Data .....                        | 26        |
| <b>APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS</b> |           |
| <b>APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH</b>                |           |
| <b>APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER</b>    |           |
| <b>APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY</b>       |           |
| <b>APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS</b>                |           |
| <b>APPENDIX F. TEST PHOTOS</b>                                       |           |
| <b>PHOTOGRAPHS OF EUT V01</b>  |           |



## History of this test report

[illegible]

## Summary of Test Result

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

**Declaration of Conformity:**

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

**Comments and explanations:**

None

**Reviewed by: Jackson Tsai**

**Report Producer: Jenny Yang**

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Frequency (MHz) | Channel Number |
|-----------------------|------------------|---------------------|----------------|
| 5150-5250             | a, n (HT20)      | 5180-5240           | 36-48 [4]      |
| 5250-5350             |                  | 5260-5320           | 52-64 [4]      |
| 5470-5725             |                  | 5500-5700           | 100-140 [8]    |
| Straddle 5720         |                  | 5720                | 144 [1]        |
| 5725-5850             |                  | 5745-5825           | 149-165 [5]    |

| Band          | Mode         | BWch (MHz) | Nant |
|---------------|--------------|------------|------|
| 5.15-5.25GHz  | 802.11a      | 20         | 1TX  |
| 5.25-5.35GHz  | 802.11a      | 20         | 1TX  |
| 5.47-5.725GHz | 802.11a      | 20         | 1TX  |
| 5.725-5.85GHz | 802.11a      | 20         | 1TX  |
| 5.15-5.25GHz  | 802.11n HT20 | 20         | 1TX  |
| 5.25-5.35GHz  | 802.11n HT20 | 20         | 1TX  |
| 5.47-5.725GHz | 802.11n HT20 | 20         | 1TX  |
| 5.725-5.85GHz | 802.11n HT20 | 20         | 1TX  |

**Note:**

- ♦ 11a, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

### 1.1.2 Antenna Information

| Ant. | Brand   | Model Name | Antenna Type    | Connector |
|------|---------|------------|-----------------|-----------|
| 1    | LITE-ON | -          | Printed Antenna | -         |
| 2    | LITE-ON | -          | Printed Antenna | -         |

| Ant. | Port | Gain (dBi) |     |     |
|------|------|------------|-----|-----|
|      |      | 2.4G       | 5G  | BT  |
| 1    | 1    | 1.7        | 3.2 | -   |
| 2    | 1    | -          | -   | 1.5 |

Note 1: The EUT has two antennas.

**For 2.4GHz function:**

For IEEE 802.11 b/g/n mode (1TX/1RX)

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

**For 5GHz function:**

For IEEE 802.11 a/an mode (1TX/1RX)

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

**For BT function:**

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

Only Ant. 2 (port 1) can be used as transmitting/receiving antenna.

**1.1.3 EUT Information**

| Operational Condition               |   |  |     |
|-------------------------------------|---|--|-----|
| <b>EUT Power Type</b>               | From host system  |  |     |
| <b>EUT Function</b>                 | <input type="checkbox"/> Outdoor  | <input type="checkbox"/> Indoor                          |     |
|                                     | <input type="checkbox"/> Fixed P2P  | <input checked="" type="checkbox"/> Client               |     |
| <b>Beamforming Function</b>         | <input type="checkbox"/> With beamforming                                     | <input checked="" type="checkbox"/> Without beamforming  |     |
| <b>Weather Band</b>                 | <input type="checkbox"/> With 5600~5650MHz                                    | <input checked="" 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) $\geq 1/T$   |
|--------------|-------|---------|----------------------|----------------------|
| 802.11a      | 0.985 | 0.066   | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| 802.11n HT20 | 0.983 | 0.074   | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |

## 1.2 Testing Applied Standards

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

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

## 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   | TH06-HY       | Dexter        | 25°C / 57%       | 21/Nov/2018 |
| Radiated       | 03CH09-HY     | Kevin         | 21.6°C / 64%     | 20/Nov/2018 |
| AC Conduction  | CO04-HY       | Andy          | 23.3°C / 61%     | 21/Nov/2018 |

## 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)  | 3.54 dB     | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz)     | 1.6 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 4.3 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 3.9 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 3.5 dB      | Confidence levels of 95% |
| Conducted Emission                   | 1.3 dB      | Confidence levels of 95% |
| Temperature                          | 0.7 °C      | Confidence levels of 95% |
| Humidity                             | 4 %         | 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   |

### 2.2 Test Channel Mode

|                       |                |
|-----------------------|----------------|
| Test Software Version | QSPR 5.0-00163 |
|-----------------------|----------------|




| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -             |
| 5180MHz                        | 16            |
| 5200MHz                        | 16            |
| 5240MHz                        | 16            |
| 5260MHz                        | 16            |
| 5300MHz                        | 19            |
| 5320MHz                        | 19            |
| 5500MHz                        | 17            |
| 5580MHz                        | 16            |
| 5700MHz                        | 17            |
| 5720MHz Straddle 5.47-5.725GHz | 16.5          |
| 5720MHz Straddle 5.725-5.85GHz | 16.5          |
| 5745MHz                        | 18            |
| 5785MHz                        | 18            |
| 5825MHz                        | 16.5          |
| 802.11n HT20_Nss1,(MCS0)_1TX   | -             |
| 5180MHz                        | 18            |
| 5200MHz                        | 17            |
| 5240MHz                        | 17            |
| 5260MHz                        | 16            |
| 5300MHz                        | 16.5          |
| 5320MHz                        | 19            |
| 5500MHz                        | 17            |

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 5580MHz                        | 15            |
| 5700MHz                        | 16            |
| 5720MHz Straddle 5.47-5.725GHz | 15.5          |
| 5720MHz Straddle 5.725-5.85GHz | 15.5          |
| 5745MHz                        | 16            |
| 5785MHz                        | 17            |
| 5825MHz                        | 16.5          |

## 2.3 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests |  |
|---|--|
| <b>Tests Item</b>                                   | AC power-line conducted emissions                        |
| <b>Condition</b>                                    | AC power-line conducted measurement for line and neutral |
| <b>Operating Mode</b>                               | CTX  |
| 1   | USB mode   |

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

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

| The Worst Case Mode for Following Conformance Tests                                |                                    |
|--|------------------------------------|
| <b>Tests Item</b>  | Simultaneous Transmission Analysis |
| <b>Operating Mode</b>  | CTX                                |
| 1  | Bluetooth+WLAN 2.4GHz              |
| 2  | Bluetooth+WLAN 5GHz                |
| Refer to Sporton Test Report No.: FA803112 for Co-location RF Exposure Evaluation. |                                    |

## 2.4 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 Power Source | GW         | APS-9102      | -      |
| 4                                | Test Fixture    | LITE-ON    | WCBN3512A_EVB | -      |

Note: Support equipment No.4 was provided by customer, and it can be able to wake up the transmit/receive to complete the RF function test.

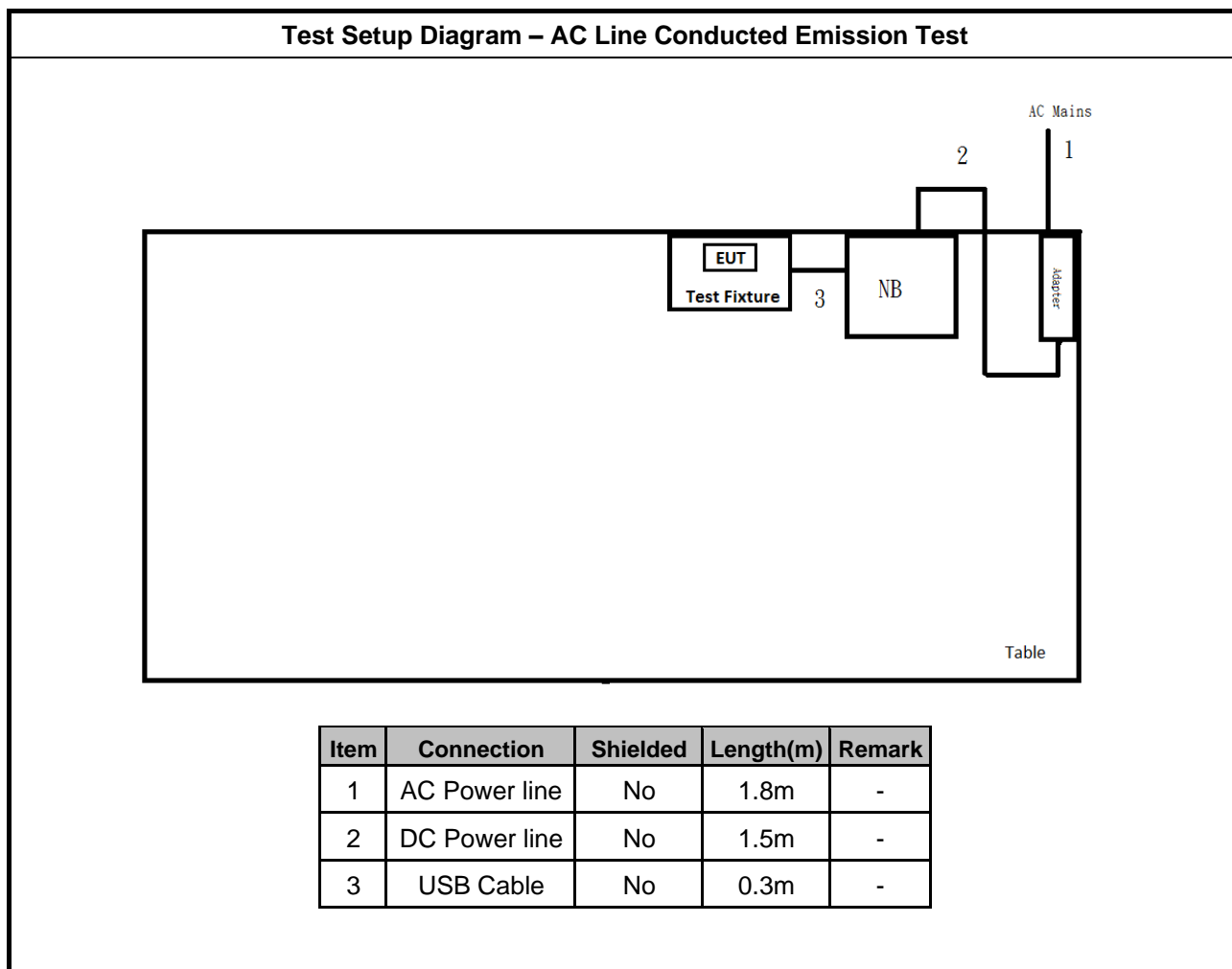
| Support Equipment – Radiated Emission |              |            |               |        |
|---------------------------------------|--------------|------------|---------------|--------|
| No.                                   | Equipment    | Brand Name | Model Name    | FCC ID |
| 1                                     | Notebook     | DELL       | E5410         | -      |
| 2                                     | Adapter      | DELL       | LA90PS0-00    | -      |
| 3                                     | Test Fixture | LITE-ON    | WCBN3512A_EVB | -      |
| 4                                     | USB Cable    | -          | -             | -      |
| 5                                     | Mouse(USB)   | DELL       | MS 111-L      | -      |
| 6                                     | iPod         | APPLE      | A1199         | -      |

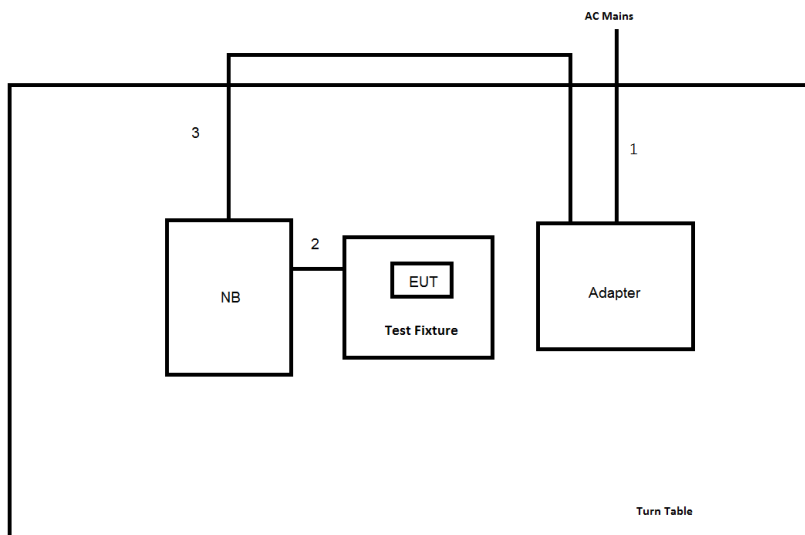
Note: Support equipment No.3 was provided by customer, and it can be able to wake up the transmit/receive to complete the RF function test.

| Support Equipment – AC Conduction |              |            |               |        |
|-----------------------------------|--------------|------------|---------------|--------|
| No.                               | Equipment    | Brand Name | Model Name    | FCC ID |
| 1                                 | Notebook     | DELL       | E5410         | -      |
| 2                                 | Adapter      | DELL       | AA90PM111     | -      |
| 3                                 | Test Fixture | LITE-ON    | WCBN3512A_EVB | -      |
| 4                                 | USB Cable    | -          | -             | -      |
| 5                                 | Mouse(USB)   | DELL       | MS 111-L      | -      |
| 6                                 | iPod         | APPLE      | A1199         | -      |

Note: Support equipment No.3 was provided by customer, and it can be able to wake up the transmit/receive to complete the RF function test.

## 2.5 Test Setup Diagram



**Test Setup Diagram - Radiated Test**


| Item | Connection    | Shielded | Length(m) | Remark |
|------|---------------|----------|-----------|--------|
| 1    | AC Power line | No       | 1.8m      | -      |
| 2    | USB cable     | No       | 0.3m      | -      |
| 3    | DC Power line | No       | 1.5m      | -      |

### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

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

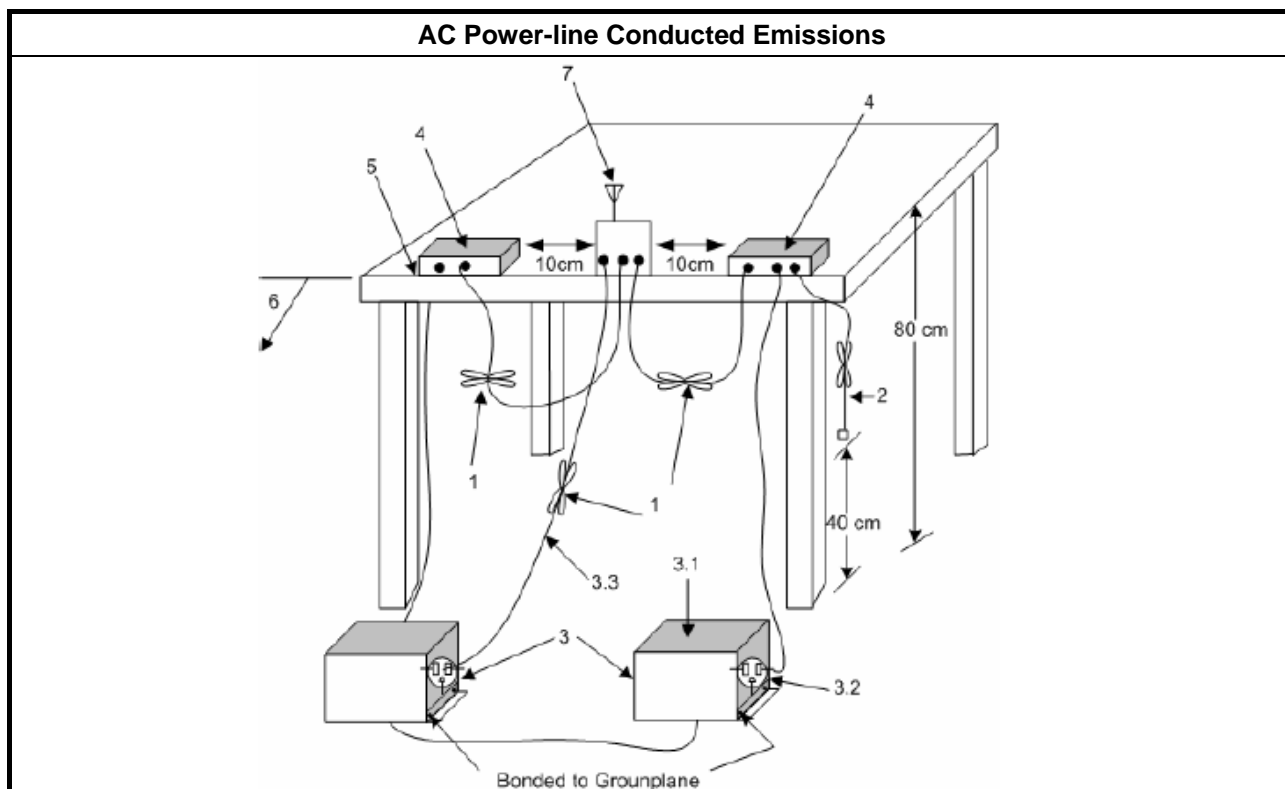
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

##### 3.1.4 Test Setup





### **3.1.5 Test Result of AC Power-line Conducted Emissions**

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

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

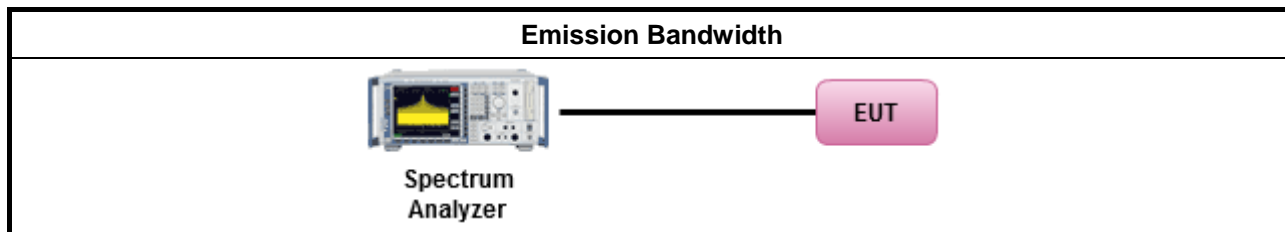
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

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

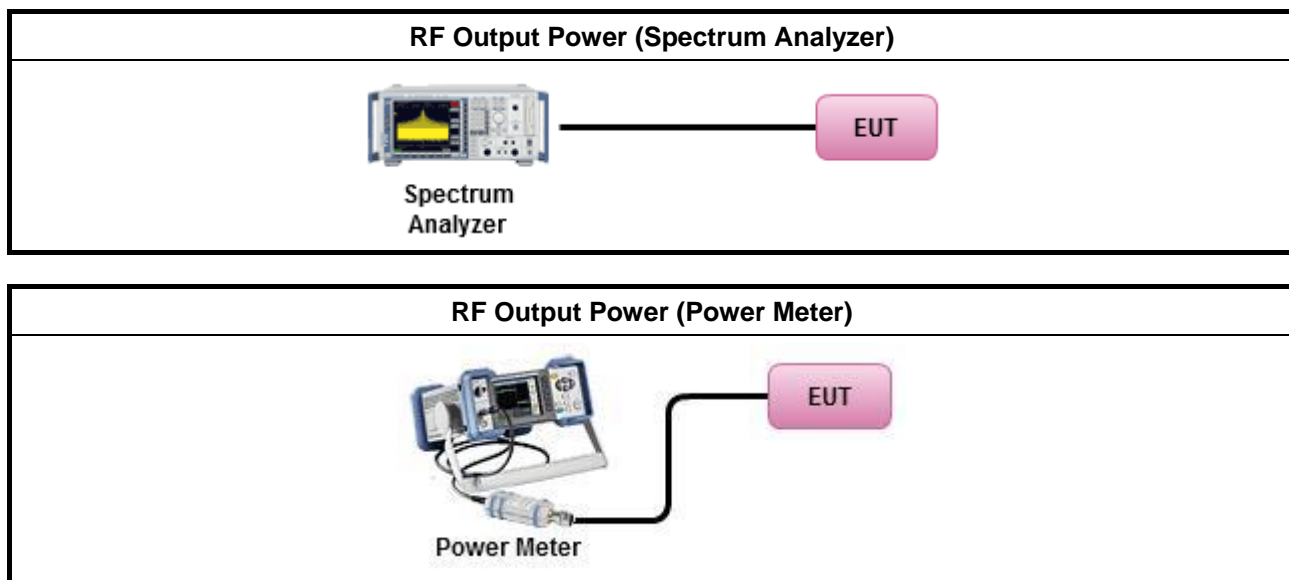
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

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

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

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

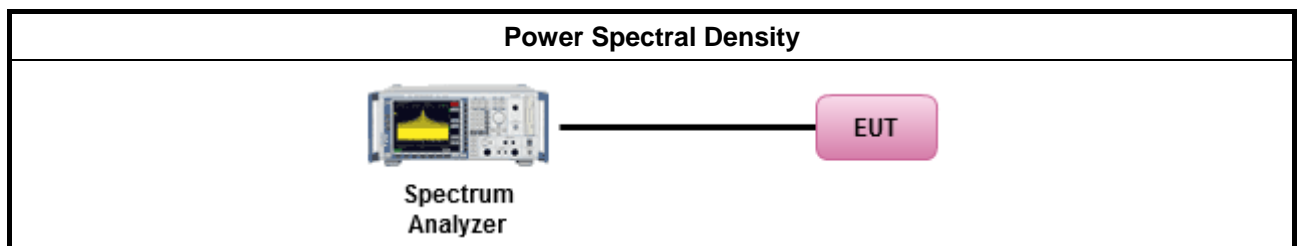
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

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

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

| Un-restricted band emissions above 1GHz Limit   |   |
|---|---|
| Operating Band  | Limit   |
| 5.15 - 5.25 GHz   | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]   |
| 5.25 - 5.35 GHz   | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]   |
| 5.47 - 5.725 GHz  | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]   |
| 5.725 - 5.85 GHz  | 5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m]<br>5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m]<br>5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m]<br>5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m]<br>5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m]<br>5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m]<br>Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). |   |

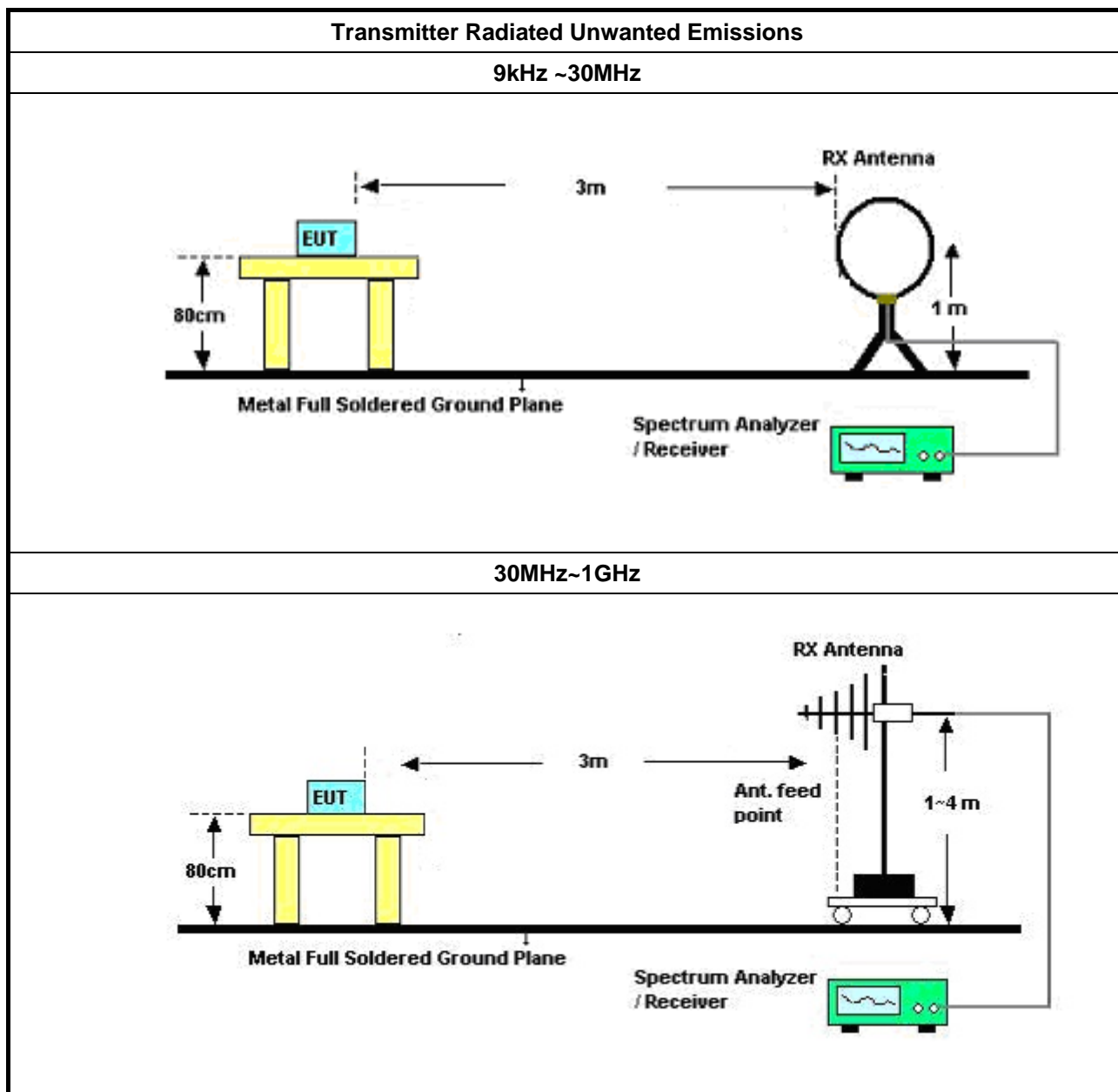
### 3.5.2 Measuring Instruments

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

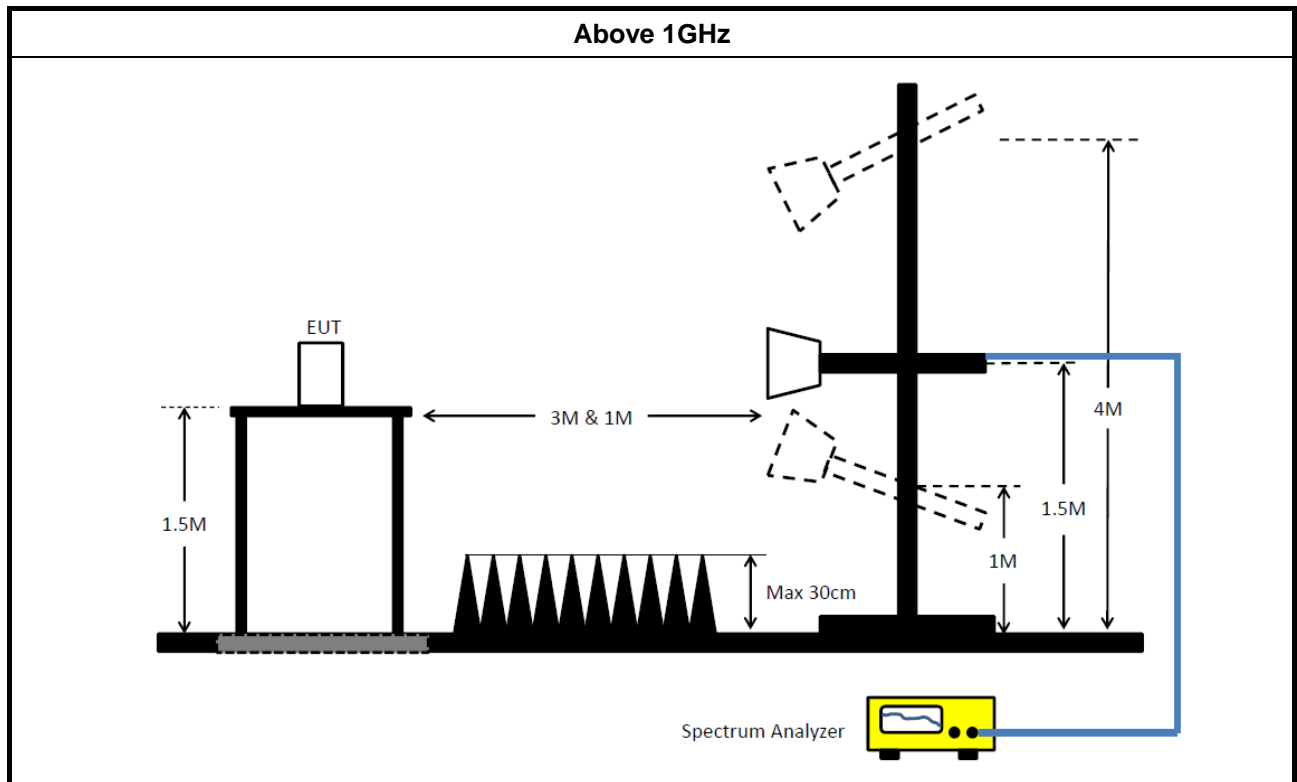
### 3.5.3 Test Procedures

| Test Method  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</li> </ul> |  |
| <ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li> </ul>   |  |
| <ul style="list-style-type: none"> <li>For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>  |  |
|  | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>               |
|  | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>                   |
|  | <input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.                              |
|  | <input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.            |
| <ul style="list-style-type: none"> <li>For radiated measurement.</li> </ul>  |  |
|  | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>    |
|  | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul> |
|  | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>                              |
| <ul style="list-style-type: none"> <li>The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>  |  |
| <ul style="list-style-type: none"> <li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>   |  |

### 3.5.4 Test Setup







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

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

### 3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

### 3.6 Test Equipment and Calibration Data

**Instrument for AC Conduction**

| Instrument                           | Manufacturer | Model No.   | Serial No. | Spec.               | Calibration Date | Calibration Due Date |
|--------------------------------------|--------------|-------------|------------|---------------------|------------------|----------------------|
| EMC Receiver                         | R&S          | ESR         | 102051     | 9KHz ~ 3.6GHz       | 03/May/2018      | 02/May/2019          |
| LISN                                 | R&S          | ENV216      | 101295     | 9kHz ~ 30MHz        | 08/Nov/2018      | 07/Nov/2019          |
| RF Cable-CON                         | MTJ          | RG142       | CB002-CO   | 9kHz ~ 200MHz       | 17/Sep/2018      | 16/Sep/2019          |
| AC POWER                             | APC          | AFC-11005G  | F310050055 | 47Hz~63Hz<br>5~300V | NCR              | NCR                  |
| Impuls<br>Begrenzer<br>Pulse Limiter | SCHWARZBECK  | VTSD 9561-F | 9561-F041  | 9 kHz ~ 30 MHz      | 12/Oct/2018      | 11/Oct/2019          |

**NCR : Non-Calibration Require**
**Instrument for Radiated Test**

| Instrument                       | Manufacturer    | Model No.             | Serial No.           | Spec.          | Calibration Date | Calibration Due Date |
|----------------------------------|-----------------|-----------------------|----------------------|----------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK             | SAC-3M                | 03CH09-HY            | 30MHz ~ 1GHz   | 23/Apr/2018      | 22/Apr/2019          |
| 3m Semi Anechoic Chamber         | TDK             | SAC-3M                | 03CH09-HY            | 1GHz ~ 18GHz   | 14/Jun/2018      | 13/Jun/2019          |
| Microwave Preamplifier           | Agilent         | 8449B                 | 3008A02096           | 1GHz ~ 26.5GHz | 10/May/2018      | 09/May/2019          |
| Amplifier                        | EMC             | EMC9135               | 980232               | 9KHz~1GHz      | 27/Apr/2018      | 26/Apr/2019          |
| EXA Signal Analyzer              | KEYSIGHT        | N9010A                | MY54200885           | 10Hz ~ 44GHz   | 31/Jul/2018      | 30/Jul/2019          |
| EMI Test Receiver                | Rohde & Schwarz | ESCS 30               | 100354               | 9kHz ~ 2.75GHz | 08/Dec/2017      | 07/Dec/2018          |
| Bilog Antenna & 5dB Attenuator   | TESEQ & MTJ     | CBL6111D & MTJ6102-05 | 35418 / 3            | 30MHz~1GHz     | 02/Oct/2018      | 03/Oct/2019          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK     | BBHA 9120 D           | BBHA9120 D 1534      | 1GHz~18GHz     | 30/Apr/2018      | 29/Apr/2019          |
| Broadband Horn Antenna           | SCHWARZBECK     | BBHA 9170             | BBHA9170614          | 18GHz~40GHz    | 09/Feb/2018      | 08/Feb/2019          |
| Preamplifier                     | MITEQ           | TTA1840-35-HG         | 1864481              | 18GHz ~ 40GHz  | 24/Aug/2018      | 23/Aug/2019          |
| Loop Antenna                     | TESEQ           | HLA 6120              | 31244                | 9k-30MHz       | 29/Mar/2018      | 28/Mar/2019          |
| RF Cable-R03m                    | Jye Bao         | RG142                 | CB031                | 9kHz ~ 1GHz    | 01/Feb/2018      | 31/Jan/2019          |
| RF Cable-high                    | HUBER+SUHNER    | SUCOFLEX104           | SN 556626/4 + 556627 | 1GHz ~ 40GHz   | 14/Mar/2018      | 13/Mar/2019          |

**Instrument for Conducted Test**

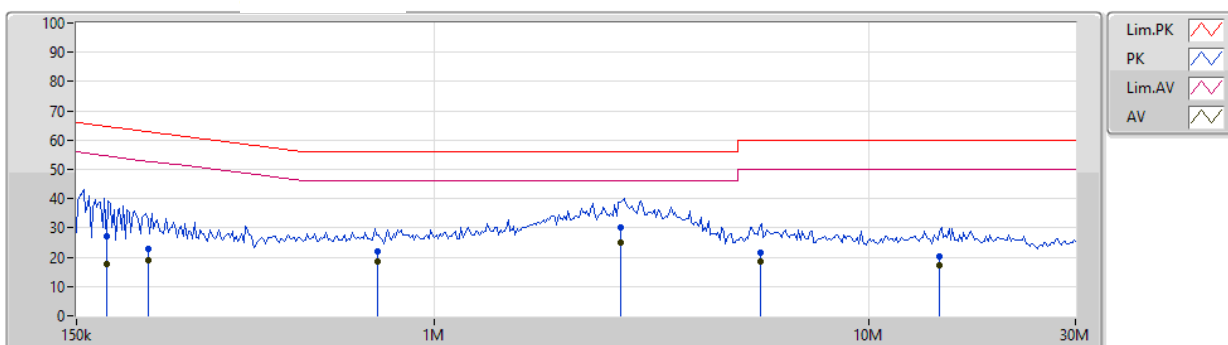
| Instrument       | Manufacturer | Model No.    | Serial No. | Spec.           | Calibration Date | Calibration Due Date |
|------------------|--------------|--------------|------------|-----------------|------------------|----------------------|
| Signal Analyzer  | R&S          | FSV40        | 101500     | 10Hz ~ 40GHz    | 18/Jul/2018      | 17/Jul/2019          |
| Power Sensor     | Anritsu      | MA2411B      | 1339407    | 300MHz ~ 40GHz  | 17/Nov/2018      | 16/Nov/2019          |
| Power Meter      | Anritsu      | ML2495A      | 1517010    | 300MHz ~ 40GHz  | 17/Nov/2018      | 16/Nov/2019          |
| RF Cable-1.5m    | HUBER+SUHNER | SUCOFLEX_104 | MY12585/4  | 30MHz ~ 26.5GHz | 26/Jan/2018      | 25/Jan/2019          |
| RF Cable-0.2m    | HUBER+SUHNER | SUCOFLEX_104 | MY10710/4  | 30MHz ~ 26.5GHz | 26/Jan/2018      | 25/Jan/2019          |
| RF Cable-0.2m    | HUBER+SUHNER | SUCOFLEX_104 | MY10709/4  | 30MHz ~ 26.5GHz | 26/Jan/2018      | 25/Jan/2019          |
| Signal Generator | R&S          | SMB100A      | 175727     | 100kHz~40GHz    | 26/Oct/2018      | 25/Oct/2019          |

## AC Power-line Conducted Emissions Result

|                    |          |             |         |
|--------------------|----------|-------------|---------|
| Operating Mode     | 1        | Power Phase | Neutral |
| Operating Function | USB Mode |             |         |

### AC Conduction

21/11/2018



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |  |  |  |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|--|--|--|
| QP   | 175.579k  | 27.00        | 64.70        | -37.70      | 19.64       | Neutral   | -       | 7.36       | 9.62      | 0.02    | 10.00   |  |  |  |
| AV   | 175.579k  | 17.65        | 54.70        | -37.05      | 19.64       | Neutral   | -       | -1.99      | 9.62      | 0.02    | 10.00   |  |  |  |
| QP   | 220.199k  | 22.94        | 62.81        | -39.87      | 19.63       | Neutral   | -       | 3.31       | 9.62      | 0.01    | 10.00   |  |  |  |
| AV   | 220.199k  | 18.96        | 52.81        | -33.85      | 19.63       | Neutral   | -       | -0.67      | 9.62      | 0.01    | 10.00   |  |  |  |
| QP   | 738.17k   | 22.19        | 56.00        | -33.81      | 19.65       | Neutral   | -       | 2.54       | 9.62      | 0.03    | 10.00   |  |  |  |
| AV   | 738.17k   | 18.66        | 46.00        | -27.34      | 19.65       | Neutral   | -       | -0.99      | 9.62      | 0.03    | 10.00   |  |  |  |
| QP   | 2.694M    | 30.34        | 56.00        | -25.66      | 19.67       | Neutral   | -       | 10.67      | 9.63      | 0.04    | 10.00   |  |  |  |
| AV   | 2.694M    | 24.90        | 46.00        | -21.10      | 19.67       | Neutral   | "Worst" | 5.23       | 9.63      | 0.04    | 10.00   |  |  |  |
| QP   | 5.654M    | 21.52        | 60.00        | -38.48      | 19.79       | Neutral   | -       | 1.73       | 9.66      | 0.13    | 10.00   |  |  |  |
| AV   | 5.654M    | 18.64        | 50.00        | -31.36      | 19.79       | Neutral   | -       | -1.15      | 9.66      | 0.13    | 10.00   |  |  |  |
| QP   | 14.609M   | 20.40        | 60.00        | -39.60      | 19.73       | Neutral   | -       | 0.67       | 9.70      | 0.03    | 10.00   |  |  |  |
| AV   | 14.609M   | 17.06        | 50.00        | -32.94      | 19.73       | Neutral   | -       | -2.67      | 9.70      | 0.03    | 10.00   |  |  |  |

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

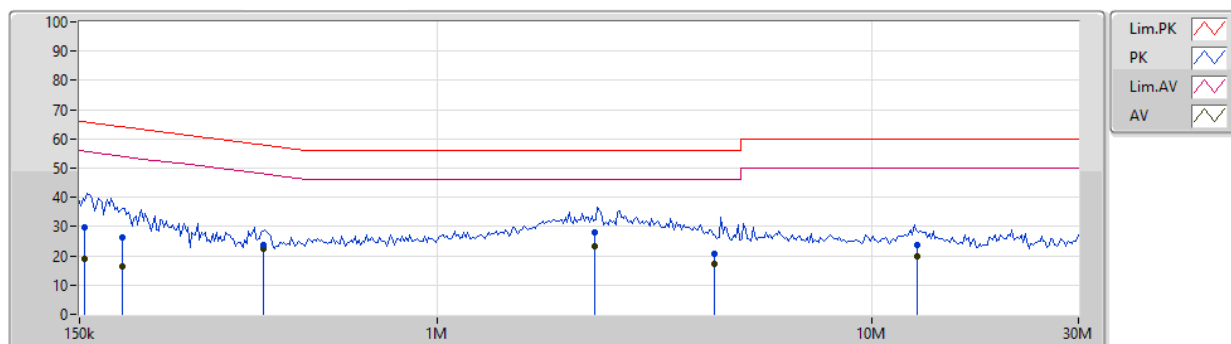
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

## AC Power-line Conducted Emissions Result

|                    |          |             |      |
|--------------------|----------|-------------|------|
| Operating Mode     | 1        | Power Phase | Line |
| Operating Function | USB Mode |             |      |

### AC Conduction

21/11/2018



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 153.726k     | 29.93           | 65.79           | -35.86         | 19.66          | Line      | -       | 10.27         | 9.62         | 0.04       | 10.00      |  |  |  |
| AV   | 153.726k     | 18.90           | 55.79           | -36.89         | 19.66          | Line      | -       | -0.76         | 9.62         | 0.04       | 10.00      |  |  |  |
| QP   | 187.96k      | 26.19           | 64.13           | -37.94         | 19.63          | Line      | -       | 6.56          | 9.62         | 0.01       | 10.00      |  |  |  |
| AV   | 187.96k      | 16.34           | 54.13           | -37.79         | 19.63          | Line      | -       | -3.29         | 9.62         | 0.01       | 10.00      |  |  |  |
| QP   | 397.961k     | 23.79           | 57.89           | -34.10         | 19.71          | Line      | -       | 4.08          | 9.61         | 0.10       | 10.00      |  |  |  |
| AV   | 397.961k     | 22.57           | 47.89           | -25.32         | 19.71          | Line      | -       | 2.86          | 9.61         | 0.10       | 10.00      |  |  |  |
| QP   | 2.31M        | 28.19           | 56.00           | -27.81         | 19.64          | Line      | -       | 8.55          | 9.62         | 0.02       | 10.00      |  |  |  |
| AV   | 2.31M        | 23.10           | 46.00           | -22.90         | 19.64          | Line      | "Worst" | 3.46          | 9.62         | 0.02       | 10.00      |  |  |  |
| QP   | 4.345M       | 20.66           | 56.00           | -35.34         | 19.73          | Line      | -       | 0.93          | 9.63         | 0.10       | 10.00      |  |  |  |
| AV   | 4.345M       | 17.39           | 46.00           | -28.61         | 19.73          | Line      | -       | -2.34         | 9.63         | 0.10       | 10.00      |  |  |  |
| QP   | 12.737M      | 23.62           | 60.00           | -36.38         | 19.72          | Line      | -       | 3.90          | 9.64         | 0.08       | 10.00      |  |  |  |
| AV   | 12.737M      | 19.88           | 50.00           | -30.12         | 19.72          | Line      | -       | 0.16          | 9.64         | 0.08       | 10.00      |  |  |  |

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.  
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

**Summary**

| Mode                         | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                 | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX     | 22.9M            | 16.492M         | 16M5D1D  | 22.275M          | 16.467M         |
| 802.11n HT20_Nss1,(MCS0)_1TX | 28.075M          | 17.666M         | 17M7D1D  | 23.25M           | 17.641M         |
| 5.25-5.35GHz                 | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX     | 36.8M            | 16.942M         | 16M9D1D  | 21.975M          | 16.442M         |
| 802.11n HT20_Nss1,(MCS0)_1TX | 36.6M            | 17.791M         | 17M8D1D  | 22.275M          | 17.616M         |
| 5.47-5.725GHz                | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX     | 40.725M          | 17.941M         | 17M9D1D  | 22.965M          | 13.973M         |
| 802.11n HT20_Nss1,(MCS0)_1TX | 31M              | 17.766M         | 17M8D1D  | 20.76M           | 13.958M         |
| 5.725-5.85GHz                | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_1TX     | 16.325M          | 20.015M         | 20M0D1D  | 3.1M             | 7.876M          |
| 802.11n HT20_Nss1,(MCS0)_1TX | 17.275M          | 20.615M         | 20M6D1D  | 3.72M            | 5.337M          |

**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**

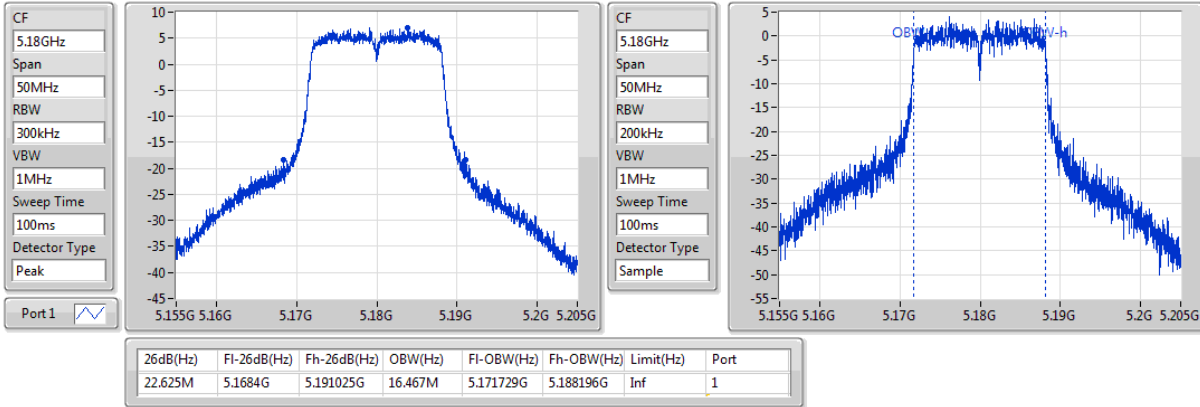
| Mode                                    | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) |
|---|--------|---------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_1TX                | -      | -             | -                   | -                  |
| 5180MHz_TnomVnom                        | Pass   | Inf           | 22.625M             | 16.467M            |
| 5200MHz_TnomVnom                        | Pass   | Inf           | 22.9M               | 16.492M            |
| 5240MHz_TnomVnom                        | Pass   | Inf           | 22.275M             | 16.467M            |
| 5260MHz_TnomVnom                        | Pass   | Inf           | 21.975M             | 16.442M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 36.75M              | 16.867M            |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 36.8M               | 16.942M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 33.625M             | 16.642M            |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 25.925M             | 16.542M            |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 40.725M             | 17.941M            |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 22.965M             | 13.973M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.1M                | 7.876M             |
| 5745MHz_TnomVnom                        | Pass   | 500k          | 15.925M             | 19.89M             |
| 5785MHz_TnomVnom                        | Pass   | 500k          | 16.325M             | 18.891M            |
| 5825MHz_TnomVnom                        | Pass   | 500k          | 16.05M              | 20.015M            |
| 802.11n HT20_Nss1,(MCS0)_1TX            | -      | -             | -                   | -                  |
| 5180MHz_TnomVnom                        | Pass   | Inf           | 28.075M             | 17.666M            |
| 5200MHz_TnomVnom                        | Pass   | Inf           | 23.25M              | 17.641M            |
| 5240MHz_TnomVnom                        | Pass   | Inf           | 25.325M             | 17.641M            |
| 5260MHz_TnomVnom                        | Pass   | Inf           | 22.675M             | 17.616M            |
| 5300MHz_TnomVnom                        | Pass   | Inf           | 22.275M             | 17.616M            |
| 5320MHz_TnomVnom                        | Pass   | Inf           | 36.6M               | 17.791M            |
| 5500MHz_TnomVnom                        | Pass   | Inf           | 26.675M             | 17.741M            |
| 5580MHz_TnomVnom                        | Pass   | Inf           | 22.425M             | 17.616M            |
| 5700MHz_TnomVnom                        | Pass   | Inf           | 31M                 | 17.766M            |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | Inf           | 20.76M              | 13.958M            |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 500k          | 3.72M               | 5.337M             |
| 5745MHz_TnomVnom                        | Pass   | 500k          | 17.275M             | 17.741M            |
| 5785MHz_TnomVnom                        | Pass   | 500k          | 16.55M              | 17.966M            |
| 5825MHz_TnomVnom                        | Pass   | 500k          | 16.875M             | 20.615M            |

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

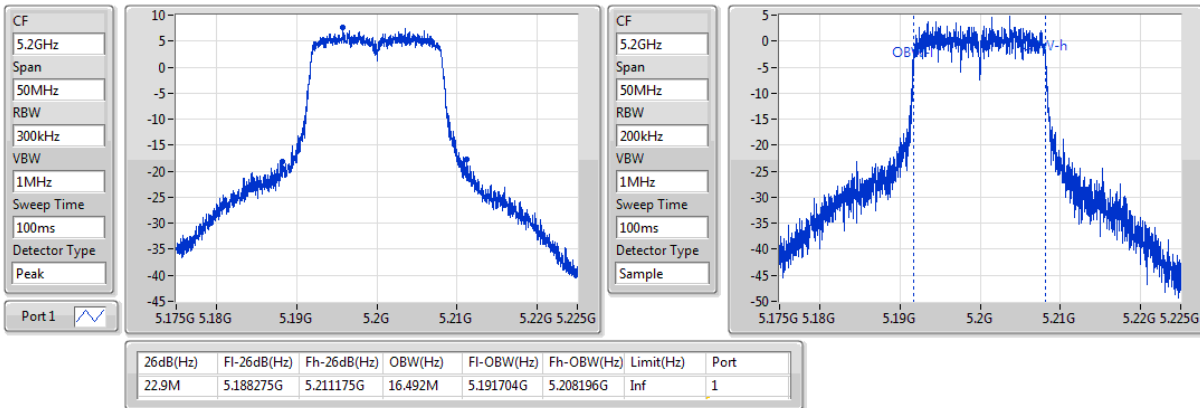
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5180MHz**

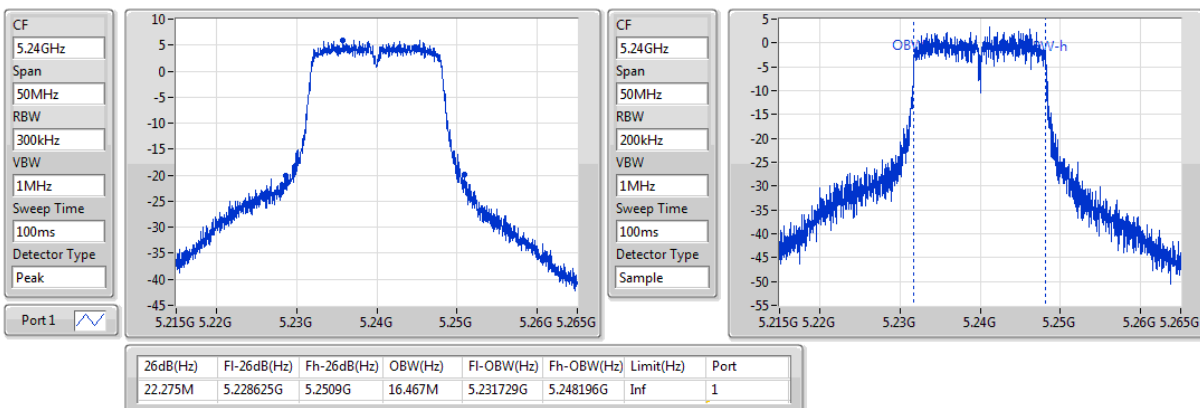
21/11/2018


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5200MHz**

21/11/2018


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5240MHz**

21/11/2018

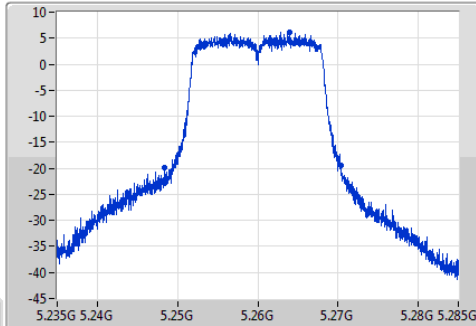




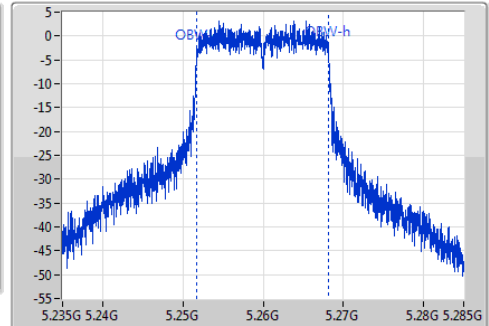
**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5260MHz**

21/11/2018

CF  
5.26GHz  
Span  
50MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

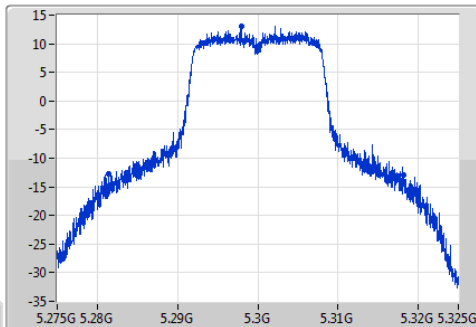


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.975M  | 5.248425G   | 5.2704G     | 16.442M | 5.251729G  | 5.268171G  | Inf       | 1    |

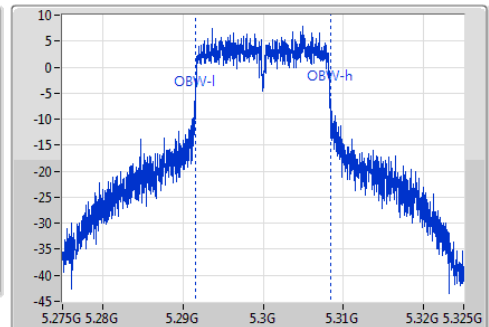
**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5300MHz**

21/11/2018

CF  
5.3GHz  
Span  
50MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

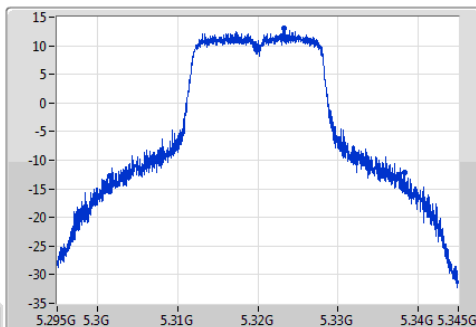


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 36.75M   | 5.281475G   | 5.318225G   | 16.867M | 5.291529G  | 5.308396G  | Inf       | 1    |

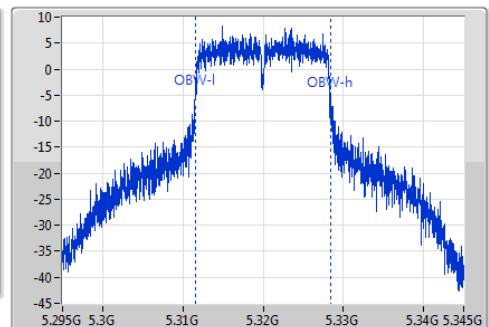
**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5320MHz**

21/11/2018

CF  
5.32GHz  
Span  
50MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

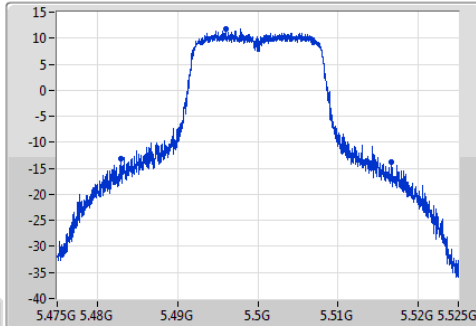


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 36.8M    | 5.30155G    | 5.33835G    | 16.942M | 5.311504G  | 5.328446G  | Inf       | 1    |

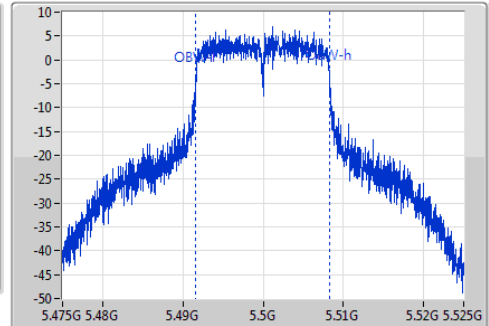
**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5500MHz**

21/11/2018

CF  
5.5GHz  
Span  
50MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.5GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample  
Port 1

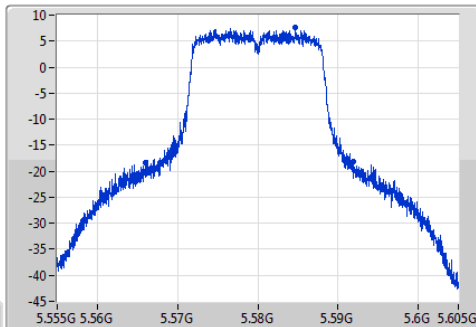


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 33.625M  | 5.483G      | 5.516625G   | 16.642M | 5.491604G  | 5.508246G  | Inf       | 1    |

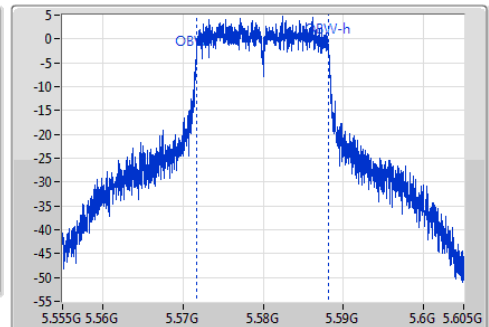
**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5580MHz**

21/11/2018

CF  
5.58GHz  
Span  
50MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.58GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample  
Port 1

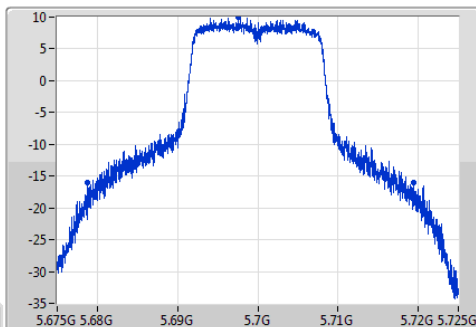


| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 25.925M  | 5.56975G    | 5.5919G     | 16.542M | 5.571654G  | 5.588196G  | Inf       | 1    |

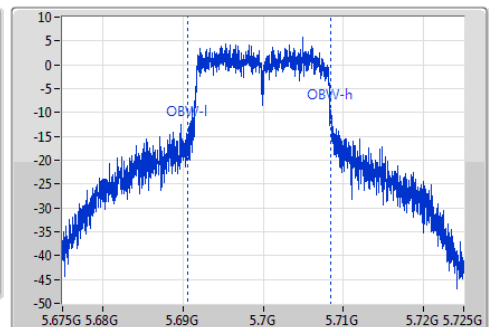
**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5700MHz**

21/11/2018

CF  
5.7GHz  
Span  
50MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



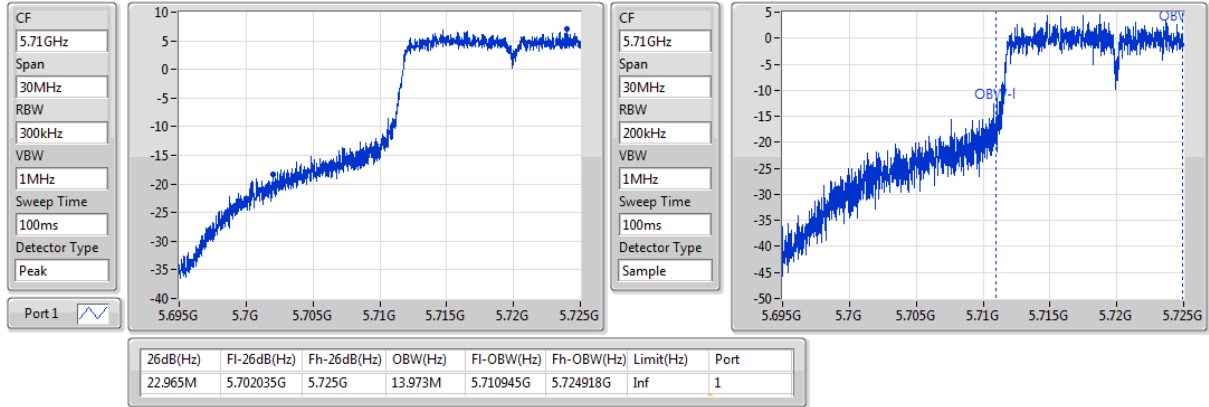
CF  
5.7GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample  
Port 1



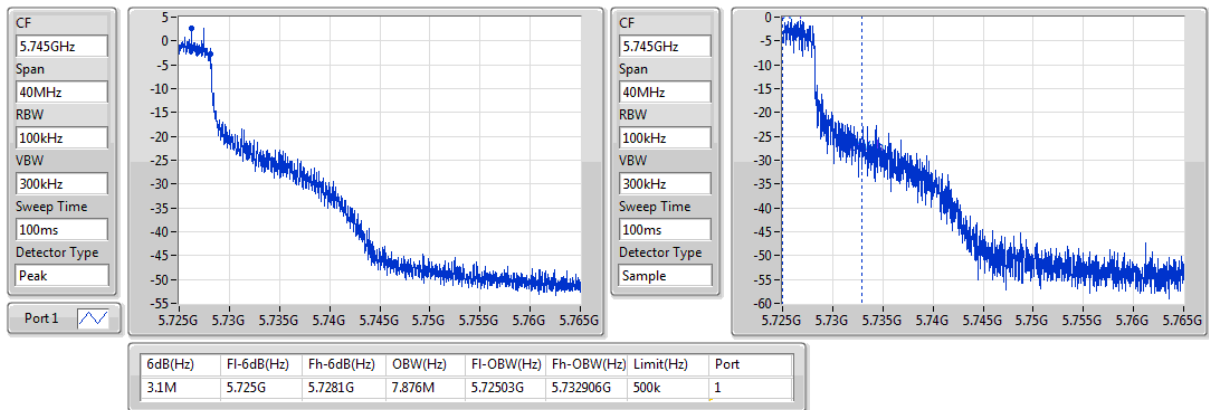
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.725M  | 5.67875G    | 5.719475G   | 17.941M | 5.69053G   | 5.708471G  | Inf       | 1    |

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

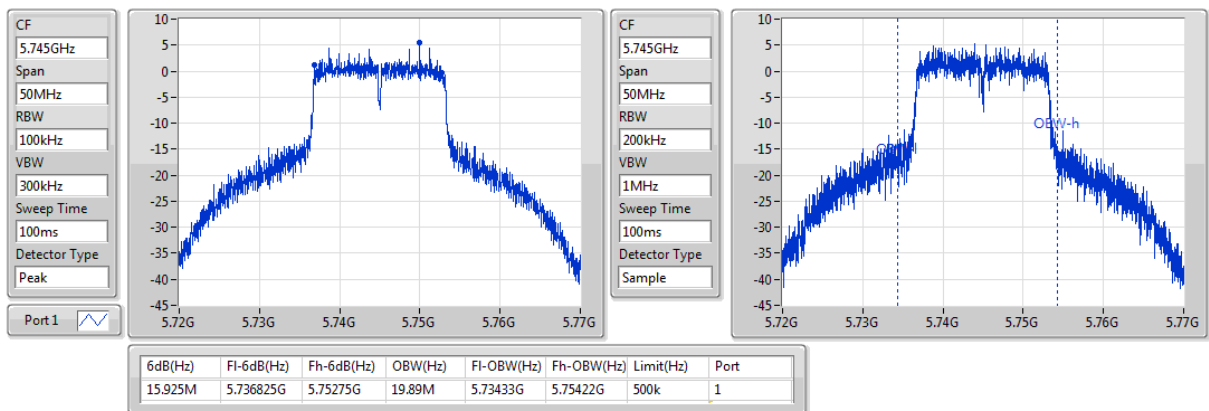
21/11/2018


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

21/11/2018

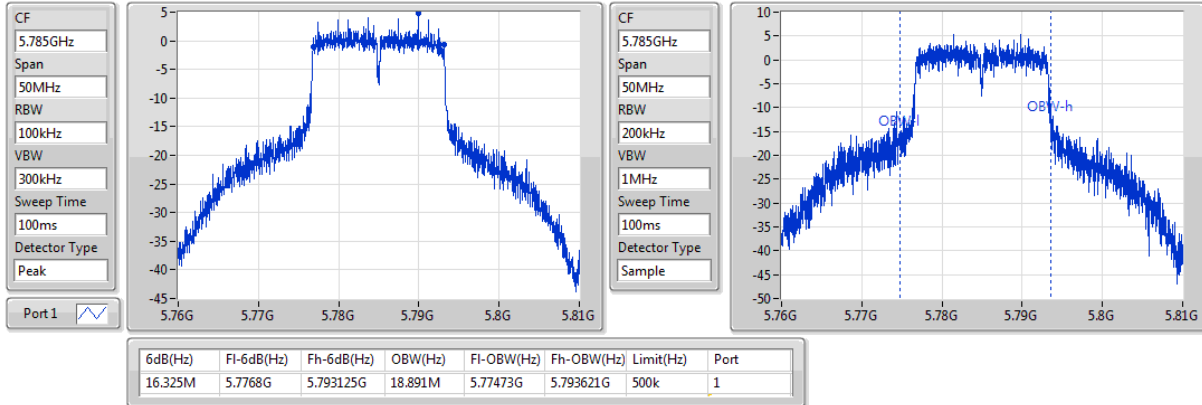

**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5745MHz**

21/11/2018

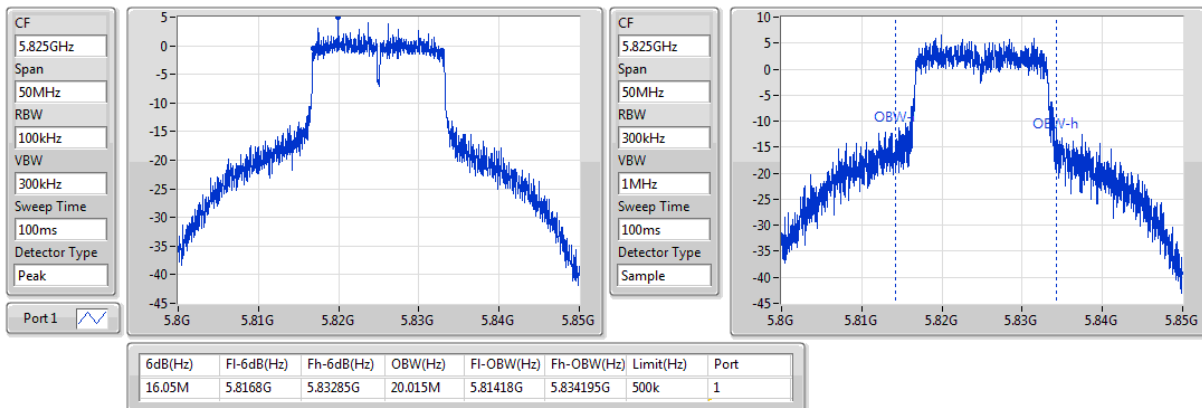


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5785MHz**

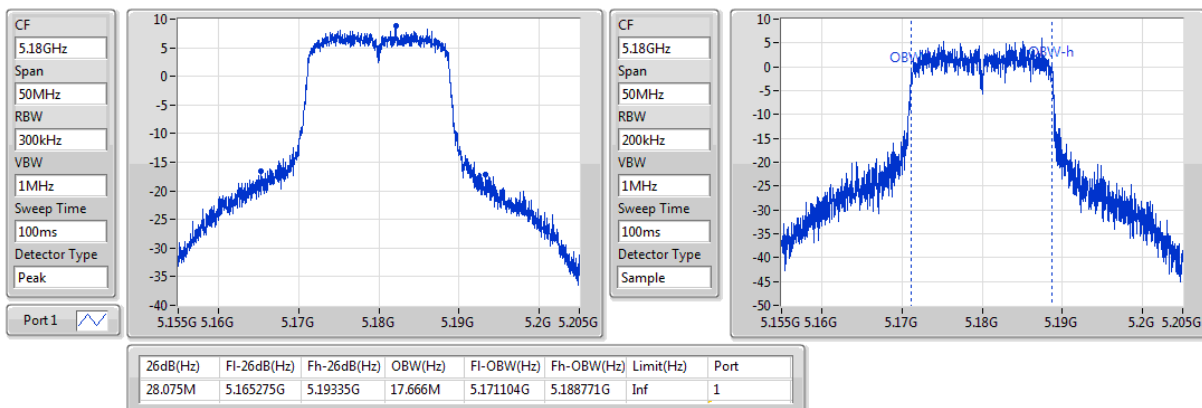
21/11/2018


**802.11a\_Nss1,(6Mbps)\_1TX**
**EBW**
**5825MHz**

21/11/2018

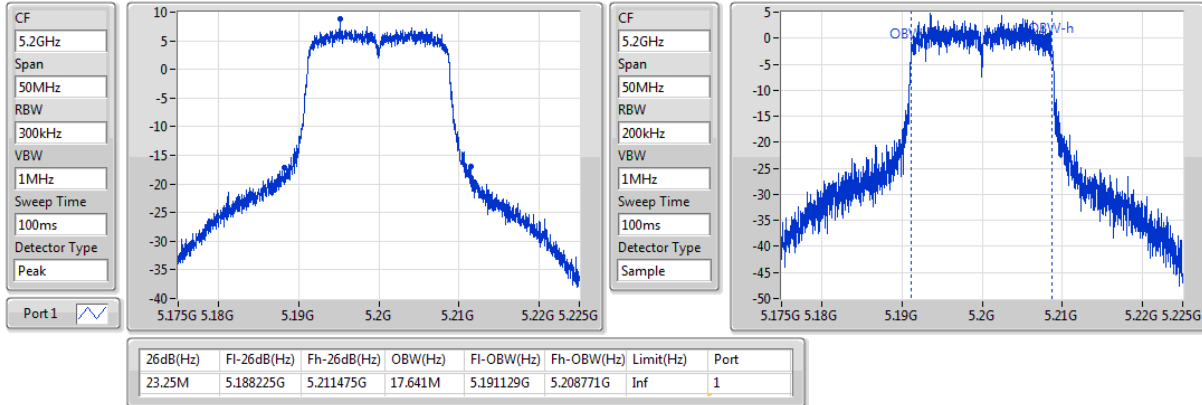

**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5180MHz**

21/11/2018

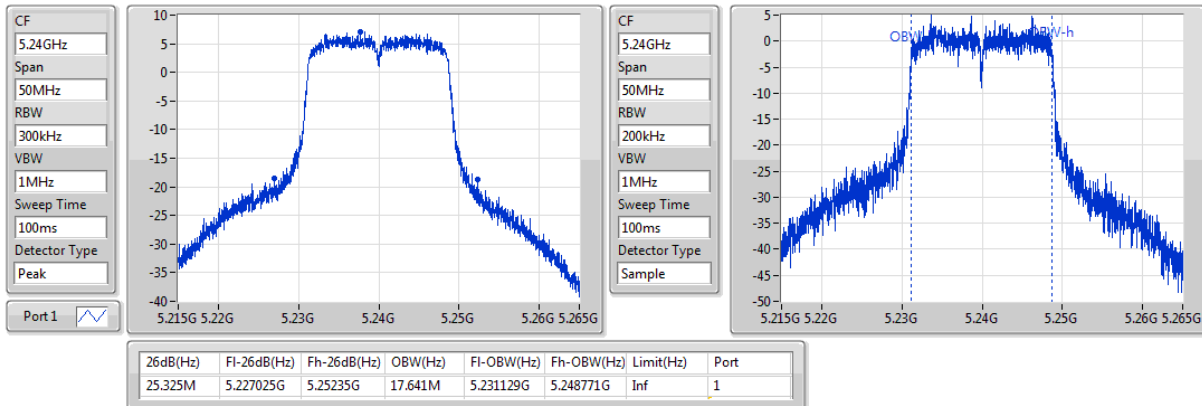


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5200MHz**

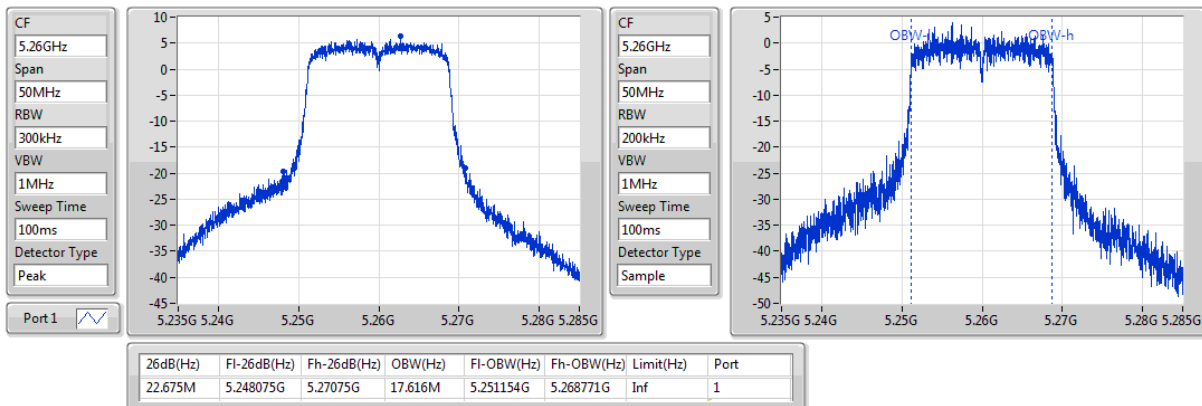
21/11/2018


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5240MHz**

21/11/2018

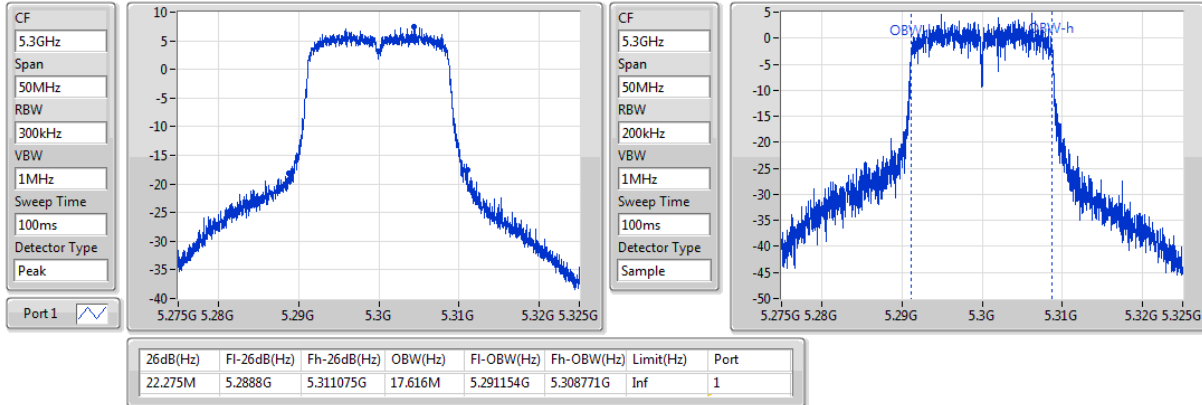

**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5260MHz**

21/11/2018

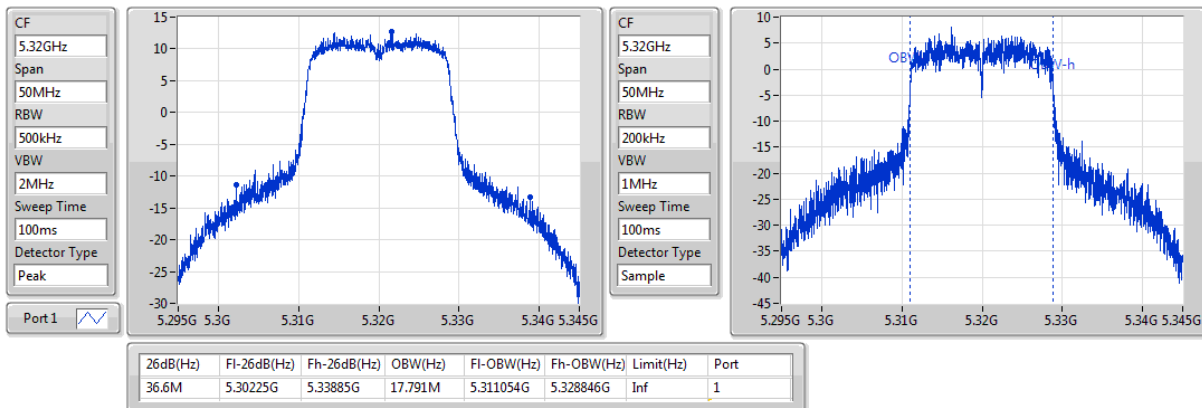


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5300MHz**

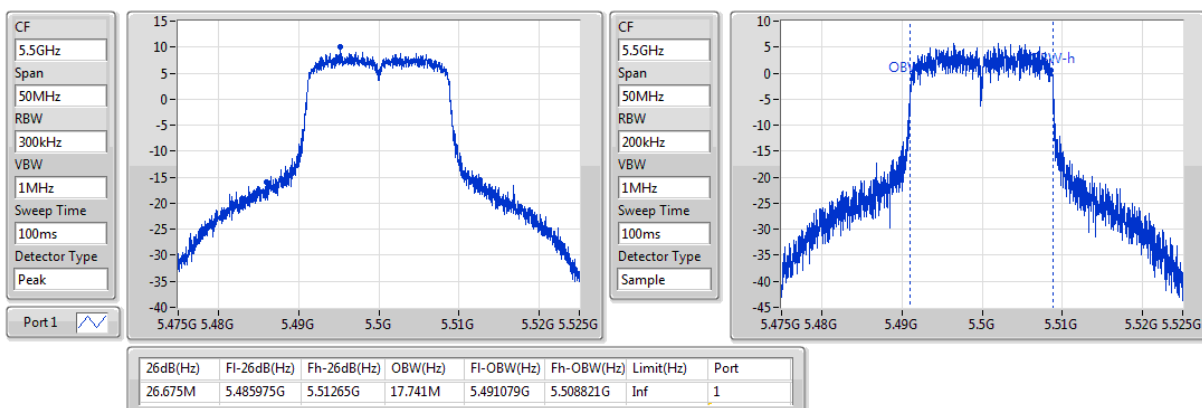
21/11/2018


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5320MHz**

21/11/2018

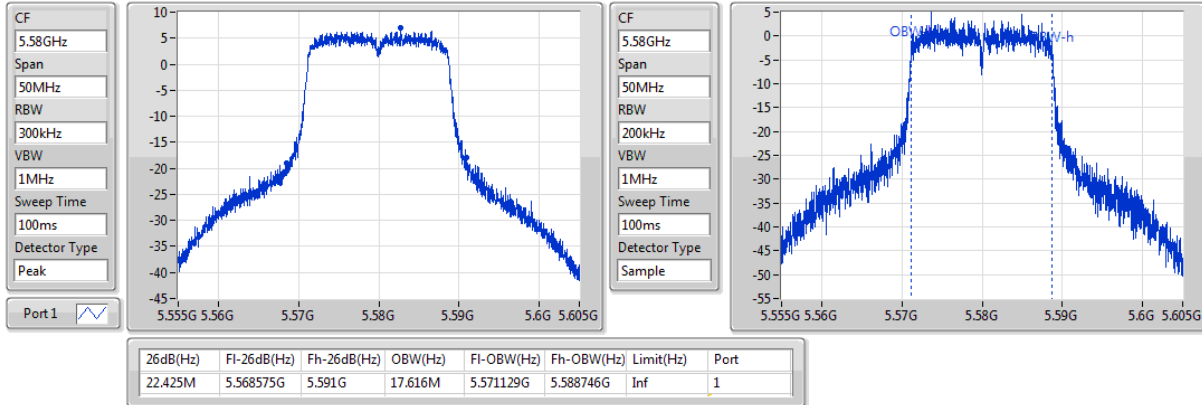

**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5500MHz**

21/11/2018

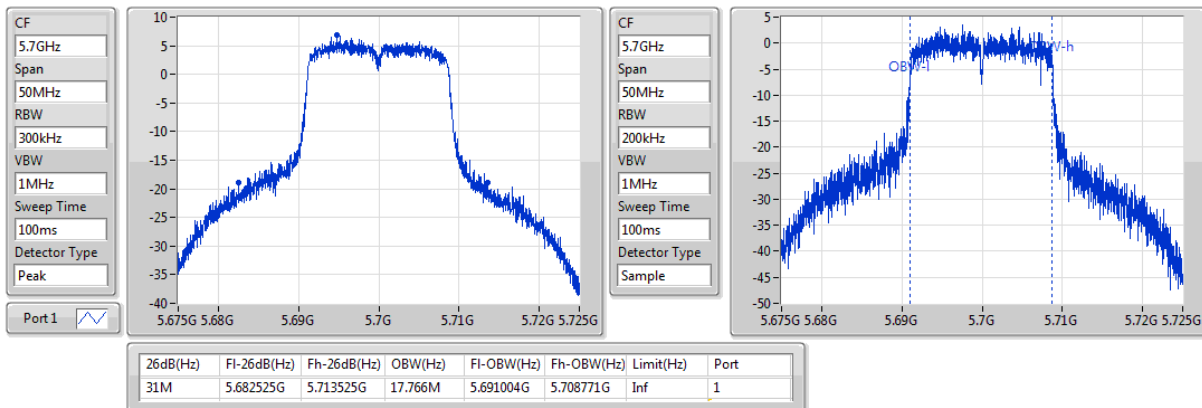


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5580MHz**

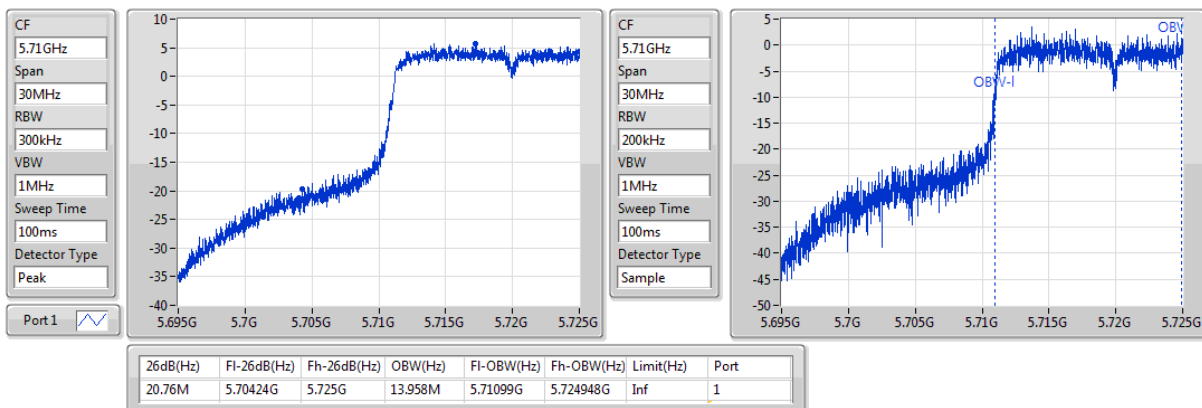
21/11/2018


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5700MHz**

21/11/2018

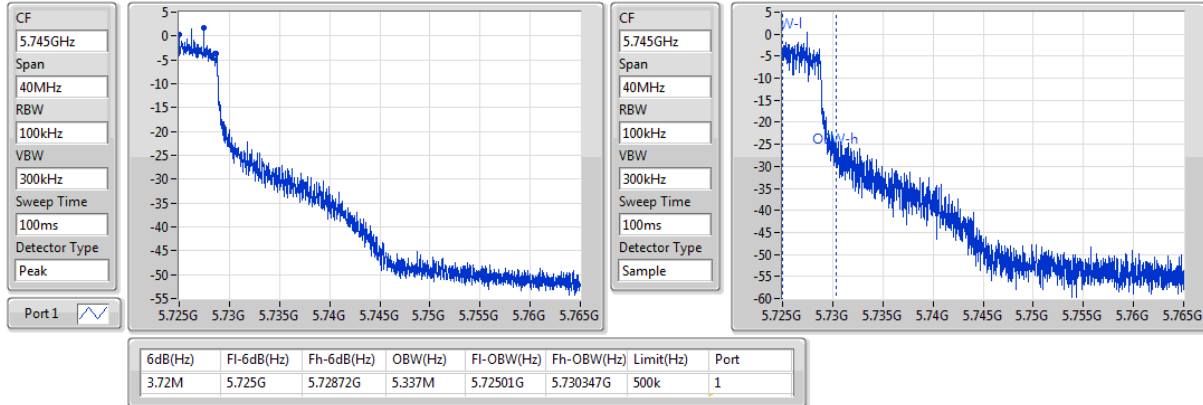

**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.47-5.725GHz**

21/11/2018

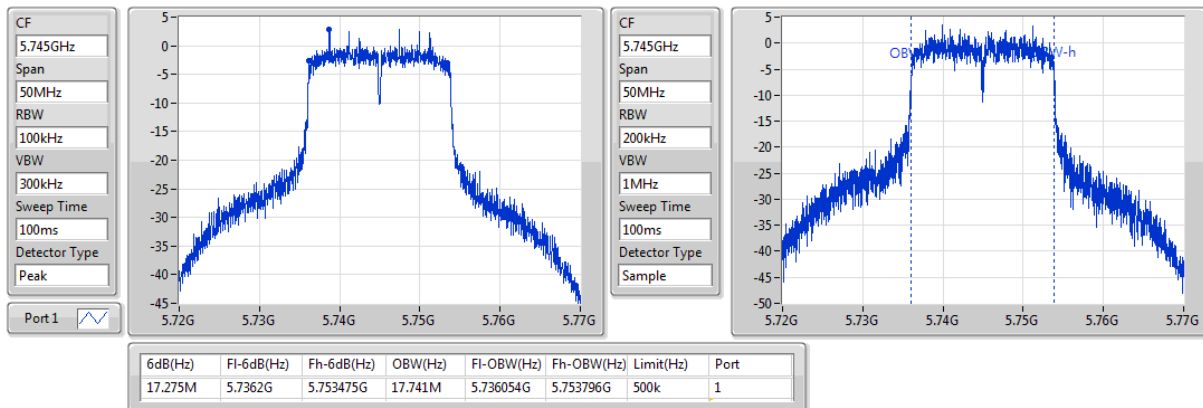


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5720MHz Straddle 5.725-5.85GHz**

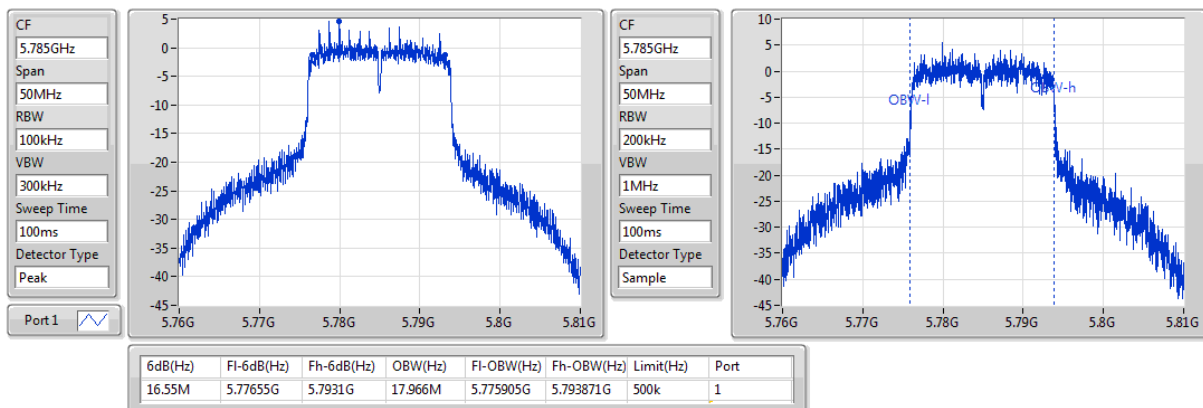
21/11/2018


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5745MHz**

21/11/2018


**802.11n HT20\_Nss1,(MCS0)\_1TX**
**EBW**
**5785MHz**

21/11/2018





802.11n HT20\_Nss1,(MCS0)\_1TX

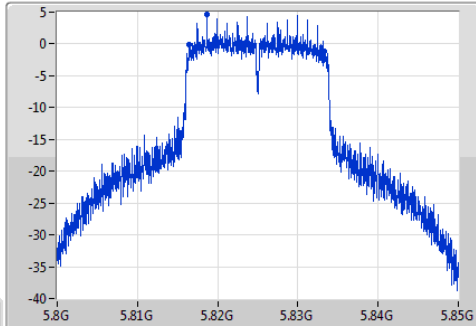
EBW

5825MHz

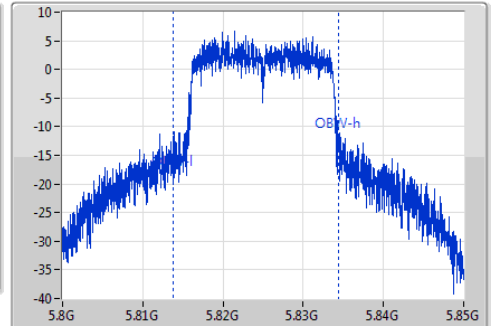
21/11/2018

CF  
5.825GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1



CF  
5.825GHz  
Span  
50MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.875M | 5.816475G  | 5.83335G   | 20.615M | 5.813831G  | 5.834445G  | 500k      | 1    |

**Summary**

| Mode                         | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                 | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX     | 15.06                | 0.03206            | 18.26         | 0.06699     |
| 802.11n HT20_Nss1,(MCS0)_1TX | 16.45                | 0.04416            | 19.65         | 0.09226     |
| 5.25-5.35GHz                 | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX     | 18.45                | 0.06998            | 21.65         | 0.14622     |
| 802.11n HT20_Nss1,(MCS0)_1TX | 18.29                | 0.06745            | 21.49         | 0.14093     |
| 5.47-5.725GHz                | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX     | 17.61                | 0.05768            | 20.81         | 0.12050     |
| 802.11n HT20_Nss1,(MCS0)_1TX | 17.46                | 0.05572            | 20.66         | 0.11641     |
| 5.725-5.85GHz                | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX     | 16.02                | 0.03999            | 19.22         | 0.08356     |
| 802.11n HT20_Nss1,(MCS0)_1TX | 15.73                | 0.03741            | 18.93         | 0.07816     |

**Result**

| Mode                                    | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX                | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom                        | Pass   | 3.20        | 14.97           | 14.97                | 30.00                | 18.17         | 36.00               |
| 5200MHz_TnomVnom                        | Pass   | 3.20        | 15.06           | 15.06                | 30.00                | 18.26         | 36.00               |
| 5240MHz_TnomVnom                        | Pass   | 3.20        | 14.04           | 14.04                | 30.00                | 17.24         | 36.00               |
| 5260MHz_TnomVnom                        | Pass   | 3.20        | 14.17           | 14.17                | 24.00                | 17.37         | 30.00               |
| 5300MHz_TnomVnom                        | Pass   | 3.20        | 18.13           | 18.13                | 24.00                | 21.33         | 30.00               |
| 5320MHz_TnomVnom                        | Pass   | 3.20        | 18.45           | 18.45                | 24.00                | 21.65         | 30.00               |
| 5500MHz_TnomVnom                        | Pass   | 3.20        | 17.61           | 17.61                | 24.00                | 20.81         | 30.00               |
| 5580MHz_TnomVnom                        | Pass   | 3.20        | 15.70           | 15.70                | 24.00                | 18.90         | 30.00               |
| 5700MHz_TnomVnom                        | Pass   | 3.20        | 15.87           | 15.87                | 24.00                | 19.07         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 3.20        | 14.19           | 14.19                | 24.00                | 17.39         | 30.00               |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 3.20        | 7.69            | 7.69                 | 30.00                | 10.89         | 36.00               |
| 5745MHz_TnomVnom                        | Pass   | 3.20        | 16.02           | 16.02                | 30.00                | 19.22         | 36.00               |
| 5785MHz_TnomVnom                        | Pass   | 3.20        | 15.66           | 15.66                | 30.00                | 18.86         | 36.00               |
| 5825MHz_TnomVnom                        | Pass   | 3.20        | 15.67           | 15.67                | 30.00                | 18.87         | 36.00               |
| 802.11n HT20_Nss1,(MCS0)_1TX            | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom                        | Pass   | 3.20        | 16.45           | 16.45                | 30.00                | 19.65         | 36.00               |
| 5200MHz_TnomVnom                        | Pass   | 3.20        | 15.72           | 15.72                | 30.00                | 18.92         | 36.00               |
| 5240MHz_TnomVnom                        | Pass   | 3.20        | 15.29           | 15.29                | 30.00                | 18.49         | 36.00               |
| 5260MHz_TnomVnom                        | Pass   | 3.20        | 14.12           | 14.12                | 24.00                | 17.32         | 30.00               |
| 5300MHz_TnomVnom                        | Pass   | 3.20        | 15.43           | 15.43                | 24.00                | 18.63         | 30.00               |
| 5320MHz_TnomVnom                        | Pass   | 3.20        | 18.29           | 18.29                | 24.00                | 21.49         | 30.00               |
| 5500MHz_TnomVnom                        | Pass   | 3.20        | 17.46           | 17.46                | 24.00                | 20.66         | 30.00               |
| 5580MHz_TnomVnom                        | Pass   | 3.20        | 14.99           | 14.99                | 24.00                | 18.19         | 30.00               |
| 5700MHz_TnomVnom                        | Pass   | 3.20        | 14.60           | 14.60                | 24.00                | 17.80         | 30.00               |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 3.20        | 13.13           | 13.13                | 24.00                | 16.33         | 30.00               |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 3.20        | 6.98            | 6.98                 | 30.00                | 10.18         | 36.00               |
| 5745MHz_TnomVnom                        | Pass   | 3.20        | 14.12           | 14.12                | 30.00                | 17.32         | 36.00               |
| 5785MHz_TnomVnom                        | Pass   | 3.20        | 15.25           | 15.25                | 30.00                | 18.45         | 36.00               |
| 5825MHz_TnomVnom                        | Pass   | 3.20        | 15.73           | 15.73                | 30.00                | 18.93         | 36.00               |

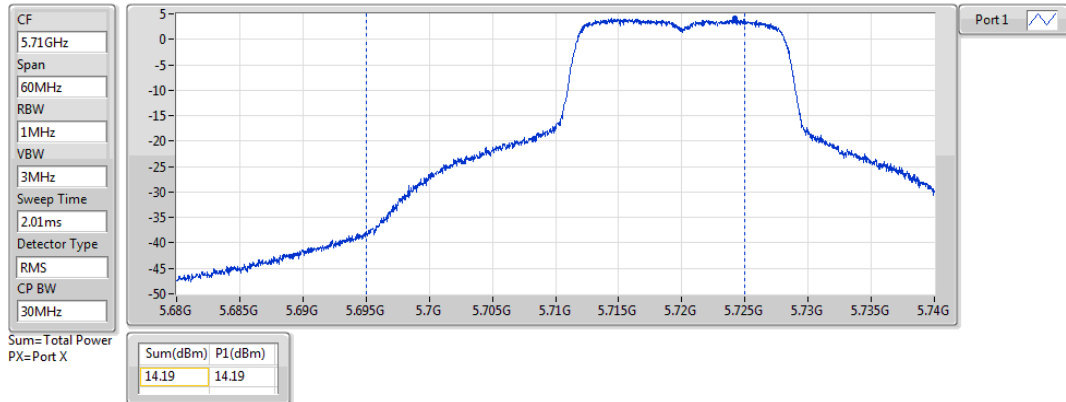
**DG** = Directional Gain; **Port X** = Port X output power

### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

21/11/2018

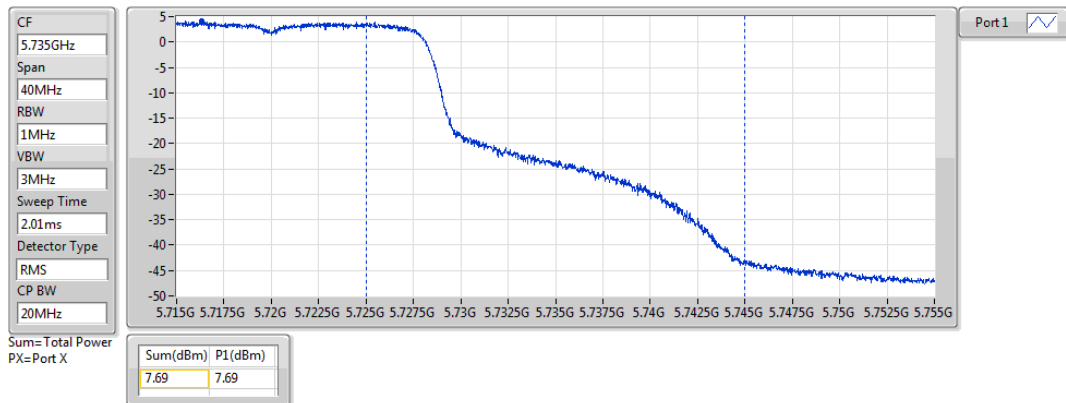


### 802.11a\_Nss1,(6Mbps)\_1TX

### AV Power

#### 5720MHz Straddle 5.725-5.85GHz

21/11/2018

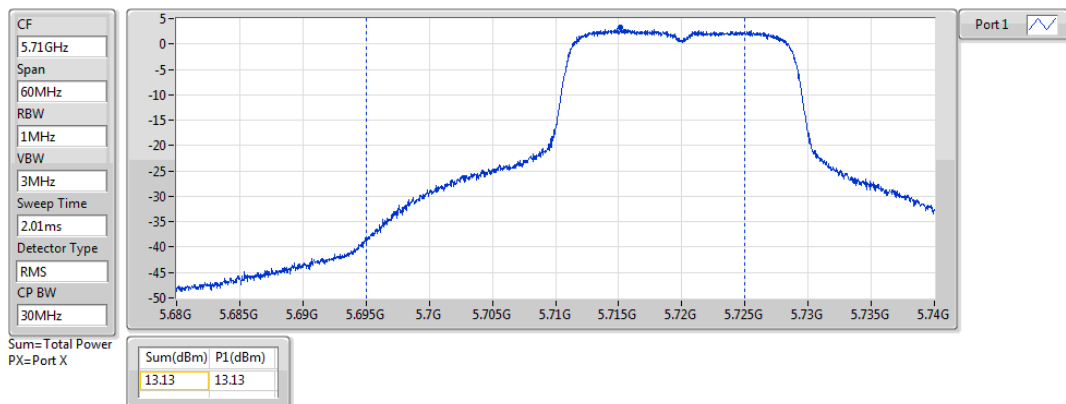


### 802.11n HT20\_Nss1,(MCS0)\_1TX

### AV Power

#### 5720MHz Straddle 5.47-5.725GHz

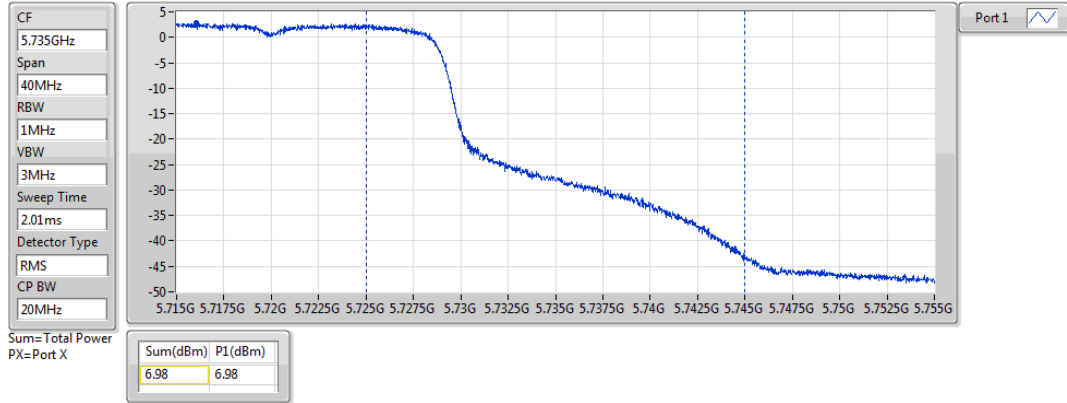
21/11/2018



**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.725-5.85GHz**

**AV Power**

21/11/2018



**Summary**

| Mode                         | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                 | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX     | 3.27            | 6.47                 |
| 802.11n HT20_Nss1,(MCS0)_1TX | 4.60            | 7.80                 |
| 5.25-5.35GHz                 | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX     | 6.39            | 9.59                 |
| 802.11n HT20_Nss1,(MCS0)_1TX | 6.15            | 9.35                 |
| 5.47-5.725GHz                | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX     | 5.54            | 8.74                 |
| 802.11n HT20_Nss1,(MCS0)_1TX | 5.15            | 8.35                 |
| 5.725-5.85GHz                | -               | -                    |
| 802.11a_Nss1,(6Mbps)_1TX     | 2.65            | 5.85                 |
| 802.11n HT20_Nss1,(MCS0)_1TX | 2.02            | 5.22                 |

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

**Result**

| Mode                                    | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_1TX                | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5180MHz_TnomVnom                        | Pass   | 3.20        | 3.27                | 3.27            | 17.00                 | 6.47                 | 23.00                      |
| 5200MHz_TnomVnom                        | Pass   | 3.20        | 3.17                | 3.17            | 17.00                 | 6.37                 | 23.00                      |
| 5240MHz_TnomVnom                        | Pass   | 3.20        | 1.91                | 1.91            | 17.00                 | 5.11                 | 23.00                      |
| 5260MHz_TnomVnom                        | Pass   | 3.20        | 2.12                | 2.12            | 11.00                 | 5.32                 | 17.00                      |
| 5300MHz_TnomVnom                        | Pass   | 3.20        | 5.97                | 5.97            | 11.00                 | 9.17                 | 17.00                      |
| 5320MHz_TnomVnom                        | Pass   | 3.20        | 6.39                | 6.39            | 11.00                 | 9.59                 | 17.00                      |
| 5500MHz_TnomVnom                        | Pass   | 3.20        | 5.54                | 5.54            | 11.00                 | 8.74                 | 17.00                      |
| 5580MHz_TnomVnom                        | Pass   | 3.20        | 3.62                | 3.62            | 11.00                 | 6.82                 | 17.00                      |
| 5700MHz_TnomVnom                        | Pass   | 3.20        | 3.71                | 3.71            | 11.00                 | 6.91                 | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 3.20        | 2.64                | 2.64            | 11.00                 | 5.84                 | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 3.20        | 0.95                | 0.95            | 30.00                 | 4.15                 | 36.00                      |
| 5745MHz_TnomVnom                        | Pass   | 3.20        | 2.48                | 2.48            | 30.00                 | 5.68                 | 36.00                      |
| 5785MHz_TnomVnom                        | Pass   | 3.20        | 2.65                | 2.65            | 30.00                 | 5.85                 | 36.00                      |
| 5825MHz_TnomVnom                        | Pass   | 3.20        | 1.86                | 1.86            | 30.00                 | 5.06                 | 36.00                      |
| 802.11n HT20_Nss1,(MCS0)_1TX            | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5180MHz_TnomVnom                        | Pass   | 3.20        | 4.60                | 4.60            | 17.00                 | 7.80                 | 23.00                      |
| 5200MHz_TnomVnom                        | Pass   | 3.20        | 3.40                | 3.40            | 17.00                 | 6.60                 | 23.00                      |
| 5240MHz_TnomVnom                        | Pass   | 3.20        | 2.94                | 2.94            | 17.00                 | 6.14                 | 23.00                      |
| 5260MHz_TnomVnom                        | Pass   | 3.20        | 1.80                | 1.80            | 11.00                 | 5.00                 | 17.00                      |
| 5300MHz_TnomVnom                        | Pass   | 3.20        | 3.11                | 3.11            | 11.00                 | 6.31                 | 17.00                      |
| 5320MHz_TnomVnom                        | Pass   | 3.20        | 6.15                | 6.15            | 11.00                 | 9.35                 | 17.00                      |
| 5500MHz_TnomVnom                        | Pass   | 3.20        | 5.15                | 5.15            | 11.00                 | 8.35                 | 17.00                      |
| 5580MHz_TnomVnom                        | Pass   | 3.20        | 2.60                | 2.60            | 11.00                 | 5.80                 | 17.00                      |
| 5700MHz_TnomVnom                        | Pass   | 3.20        | 2.46                | 2.46            | 11.00                 | 5.66                 | 17.00                      |
| 5720MHz Straddle 5.47-5.725GHz_TnomVnom | Pass   | 3.20        | 1.85                | 1.85            | 11.00                 | 5.05                 | 17.00                      |
| 5720MHz Straddle 5.725-5.85GHz_TnomVnom | Pass   | 3.20        | -0.55               | -0.55           | 30.00                 | 2.65                 | 36.00                      |
| 5745MHz_TnomVnom                        | Pass   | 3.20        | 0.38                | 0.38            | 30.00                 | 3.58                 | 36.00                      |
| 5785MHz_TnomVnom                        | Pass   | 3.20        | 1.48                | 1.48            | 30.00                 | 4.68                 | 36.00                      |
| 5825MHz_TnomVnom                        | Pass   | 3.20        | 2.02                | 2.02            | 30.00                 | 5.22                 | 36.00                      |

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

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

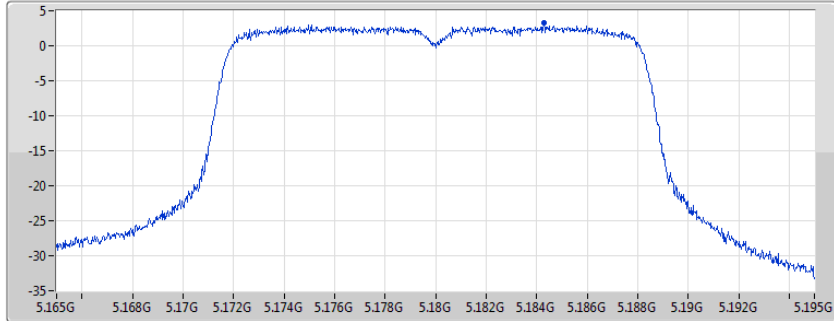
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5180MHz

21/11/2018

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.27      | 3.27      | 3.27      |

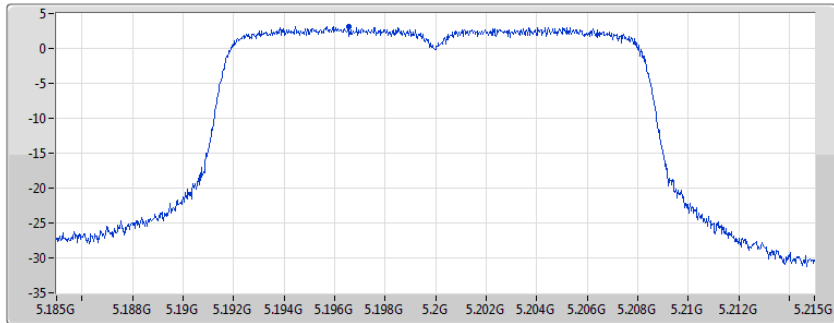
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5200MHz

21/11/2018

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.17      | 3.17      | 3.17      |

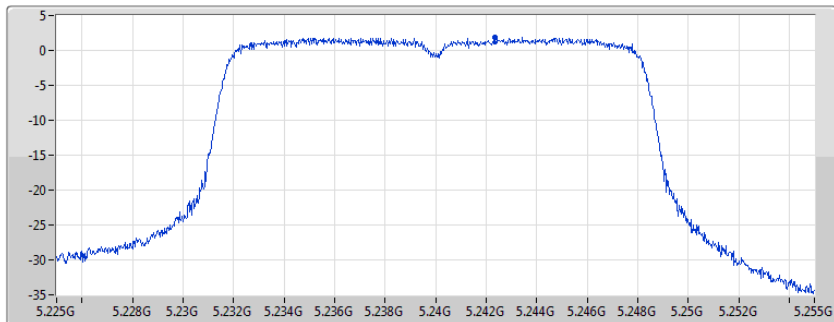
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5240MHz

21/11/2018

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.91      | 1.91      | 1.91      |



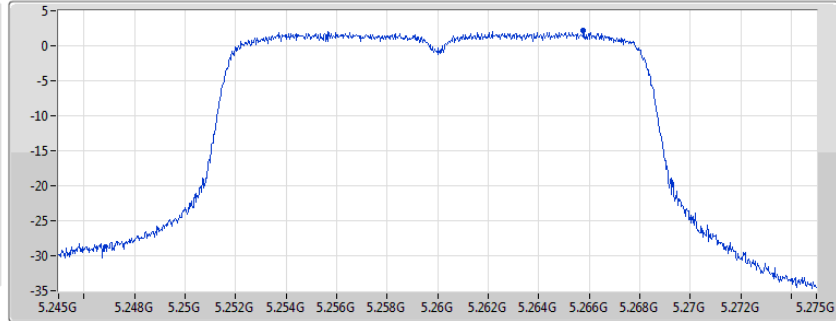
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5260MHz

21/11/2018

CF  
5.26GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.12      | 2.12      | 2.12      |

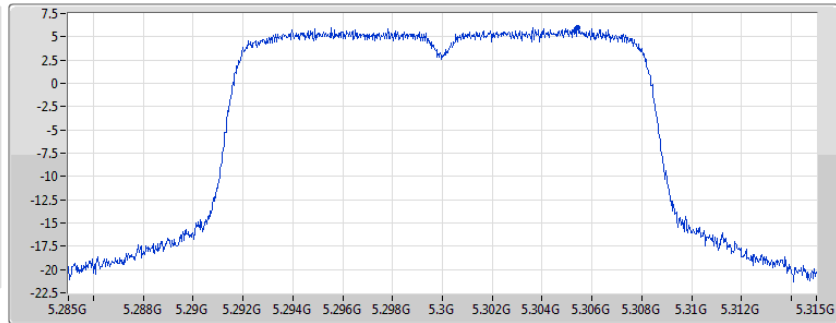
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5300MHz

21/11/2018

CF  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 5.97      | 5.97      | 5.97      |

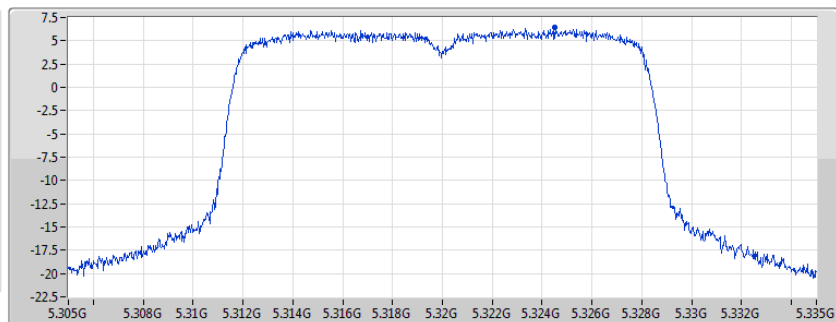
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5320MHz

21/11/2018

CF  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.39      | 6.39      | 6.39      |

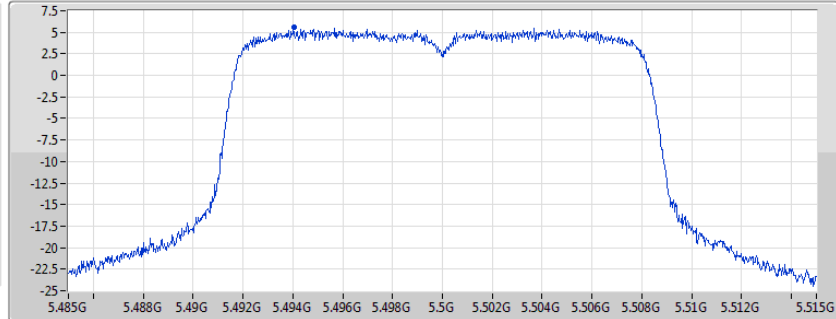
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5500MHz

21/11/2018

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

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

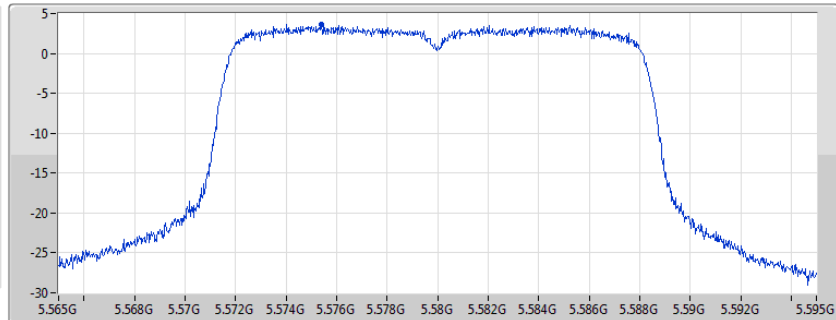
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5580MHz

21/11/2018

CF  
5.58GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.62      | 3.62      | 3.62      |

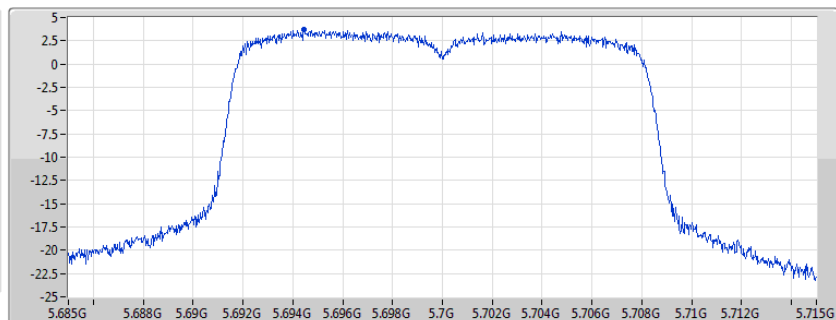
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5700MHz

21/11/2018

CF  
5.7GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

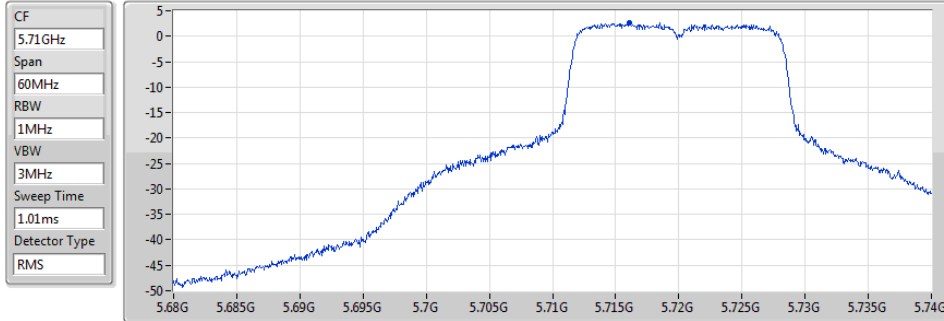
| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.71      | 3.71      | 3.71      |

### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

#### 5720MHz Straddle 5.47-5.725GHz

21/11/2018



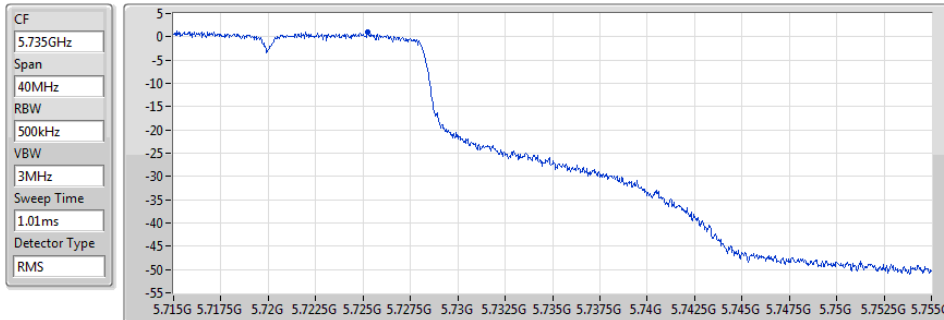
| Sum          | PD           | Port1        |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 2.64         | 2.64         | 2.64         |

### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

#### 5720MHz Straddle 5.725-5.85GHz

21/11/2018



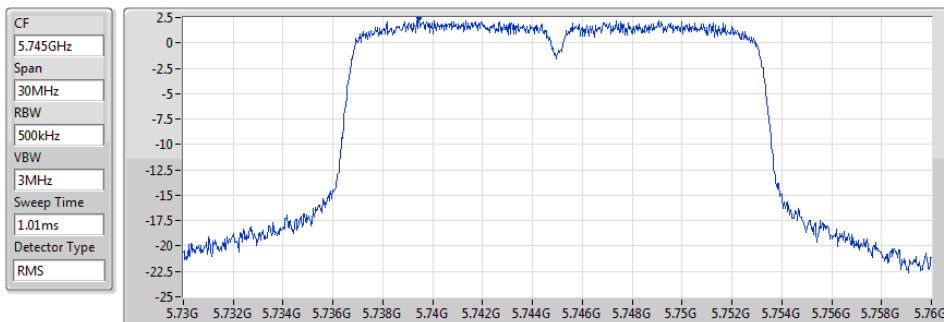
| Sum          | PD           | Port1        |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 0.95         | 0.95         | 0.95         |

### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

#### 5745MHz

21/11/2018



| Sum          | PD           | Port1        |
|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 2.48         | 2.48         | 2.48         |

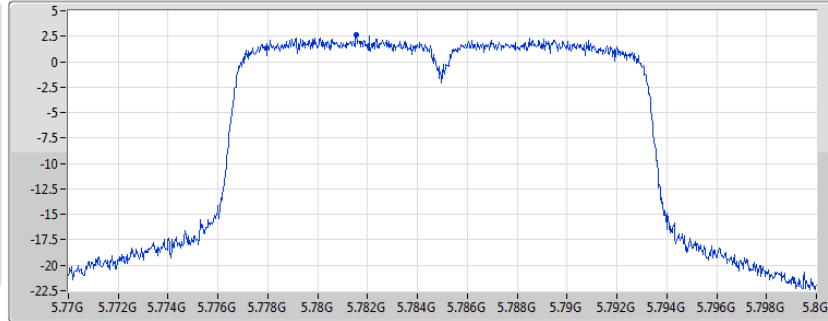
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5785MHz

21/11/2018

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.65     | 2.65     | 2.65     |

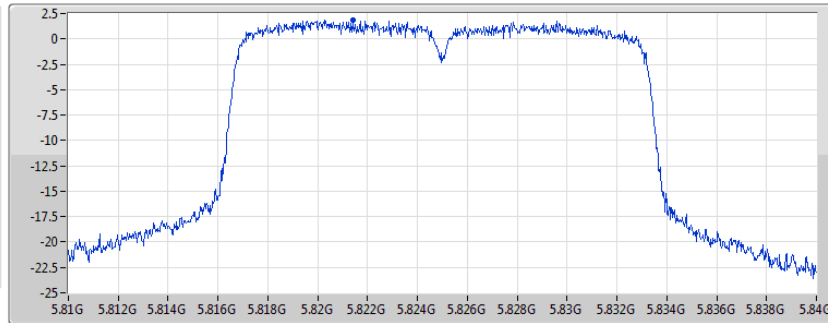
### 802.11a\_Nss1,(6Mbps)\_1TX

### PSD

5825MHz

21/11/2018

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.86     | 1.86     | 1.86     |

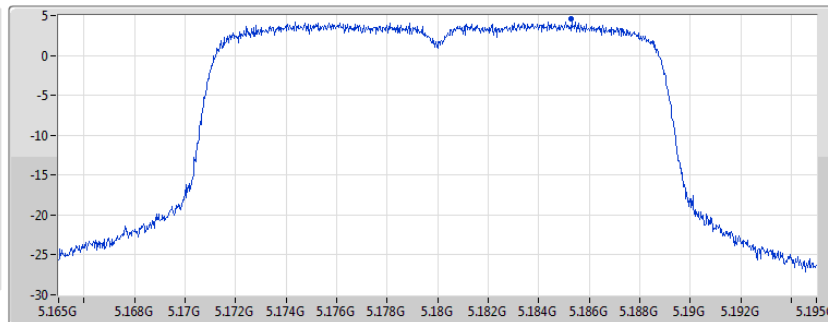
### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5180MHz

21/11/2018

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

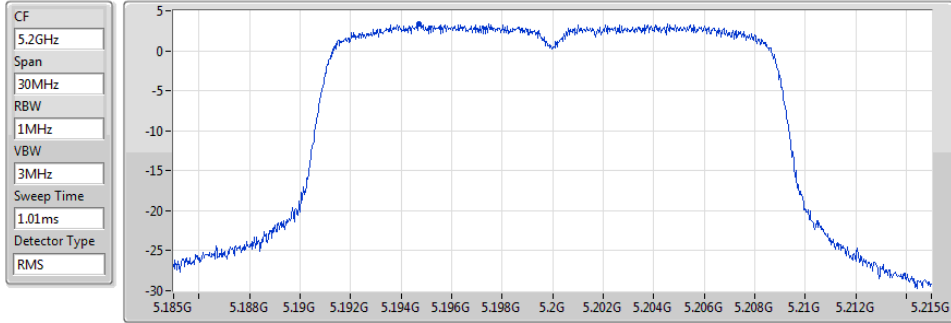
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.60     | 4.60     | 4.60     |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5200MHz

21/11/2018



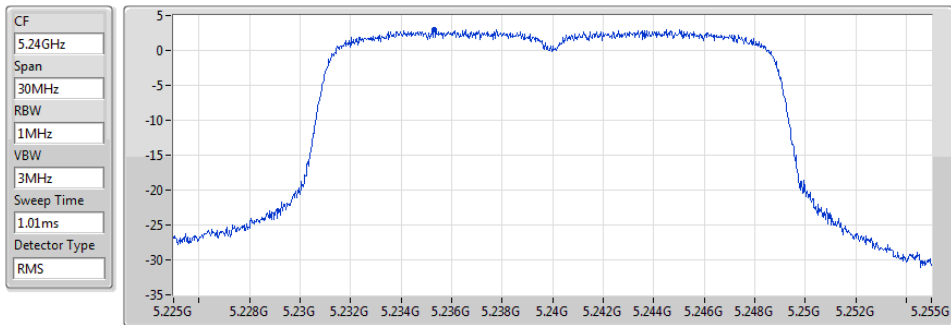
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.40     | 3.40     | 3.40     |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5240MHz

21/11/2018



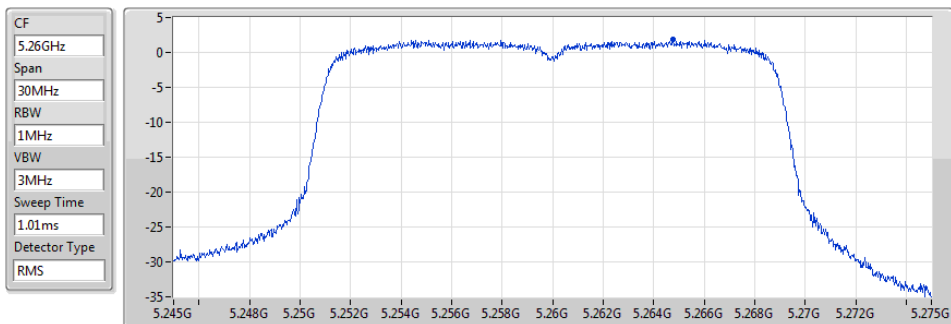
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.94     | 2.94     | 2.94     |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5260MHz

21/11/2018



| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.80     | 1.80     | 1.80     |

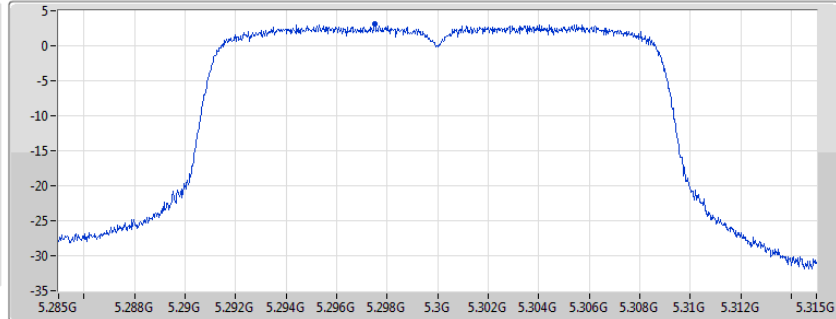
### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5300MHz

21/11/2018

CF  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.11     | 3.11     | 3.11     |

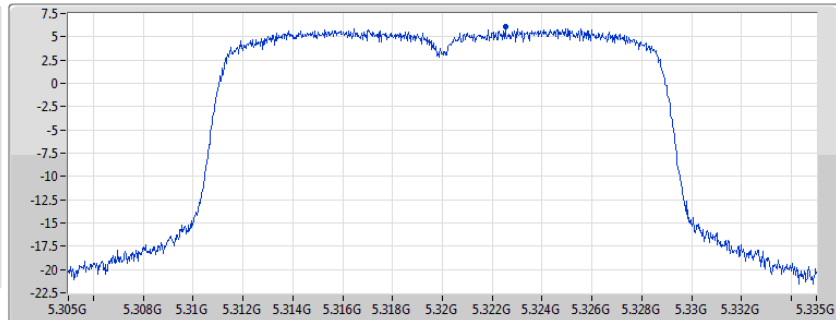
### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5320MHz

21/11/2018

CF  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.15     | 6.15     | 6.15     |

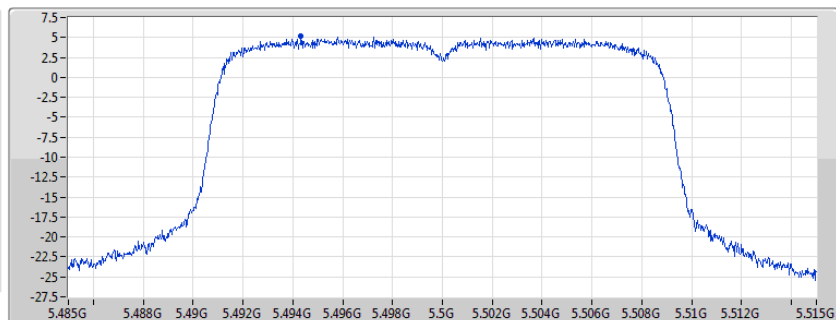
### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5500MHz

21/11/2018

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

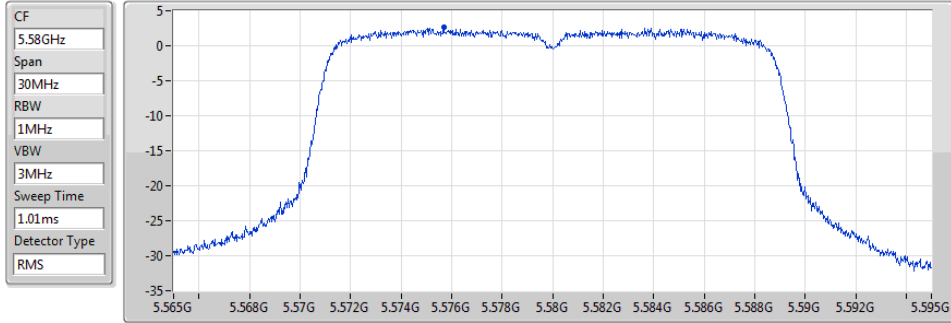
| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.15     | 5.15     | 5.15     |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5580MHz

21/11/2018



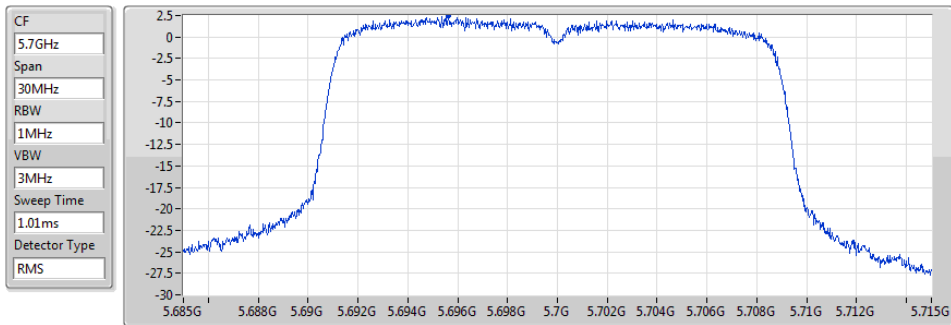
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.60     | 2.60     | 2.60     |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5700MHz

21/11/2018



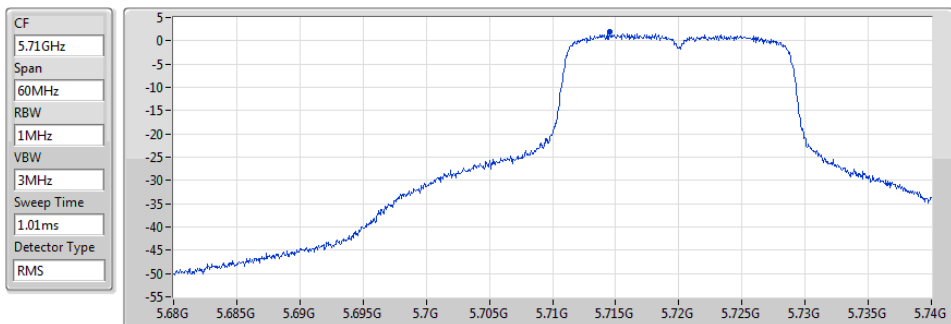
| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.46     | 2.46     | 2.46     |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

5720MHz Straddle 5.47-5.725GHz

21/11/2018

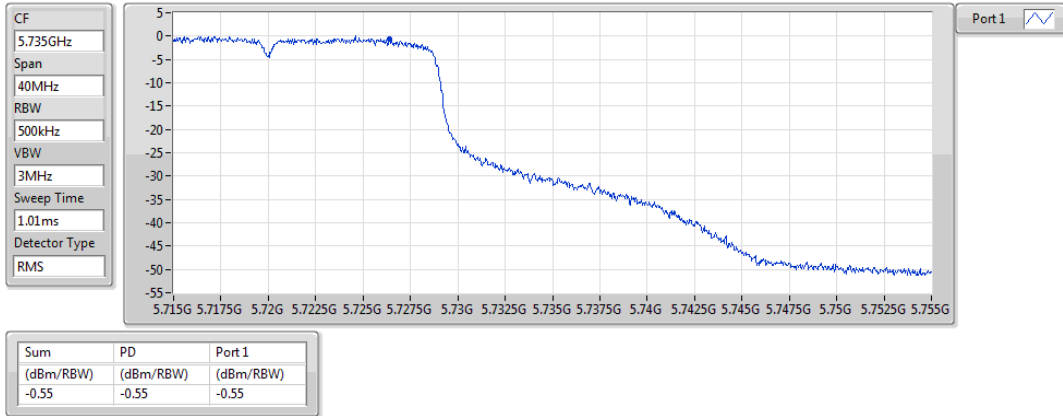


| Sum      | PD       | Port1    |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.85     | 1.85     | 1.85     |

**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.725-5.85GHz**

PSD

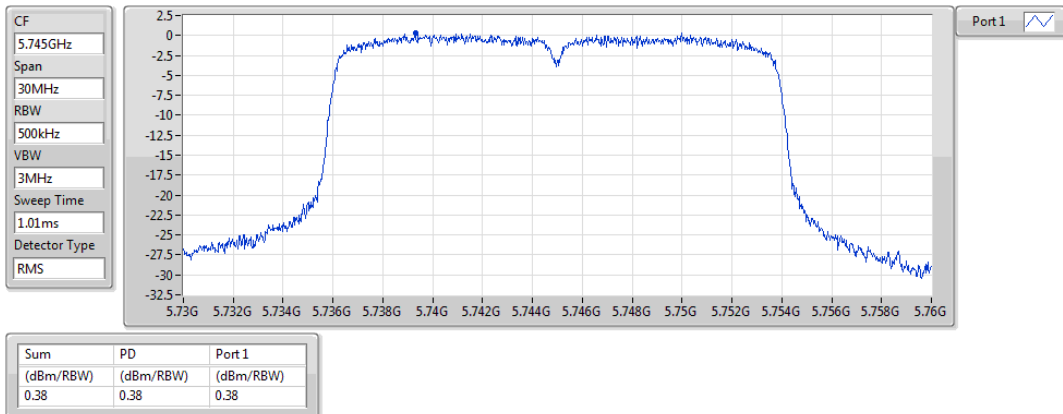
21/11/2018



**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**5745MHz**

PSD

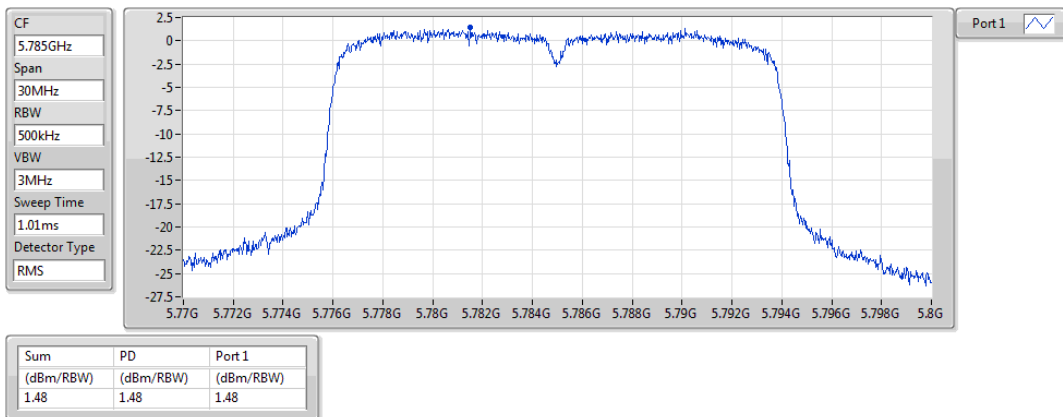
21/11/2018



**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**5785MHz**

PSD

21/11/2018





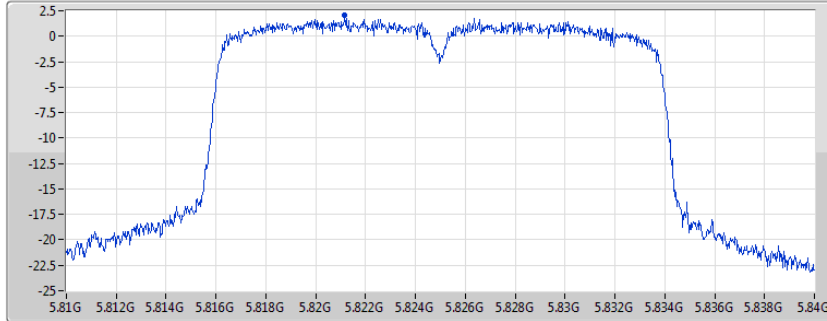
802.11n HT20\_Nss1,(MCS0)\_1TX

PSD

5825MHz

21/11/2018

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS



Port 1

| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.02     | 2.02     | 2.02     |

**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 |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.725-5.85GHz                | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | PK   | 31.94M       | 22.30             | 40.00             | -17.70         | -14.36         | 3           | Horizontal | 360            | 3.00          | -        |

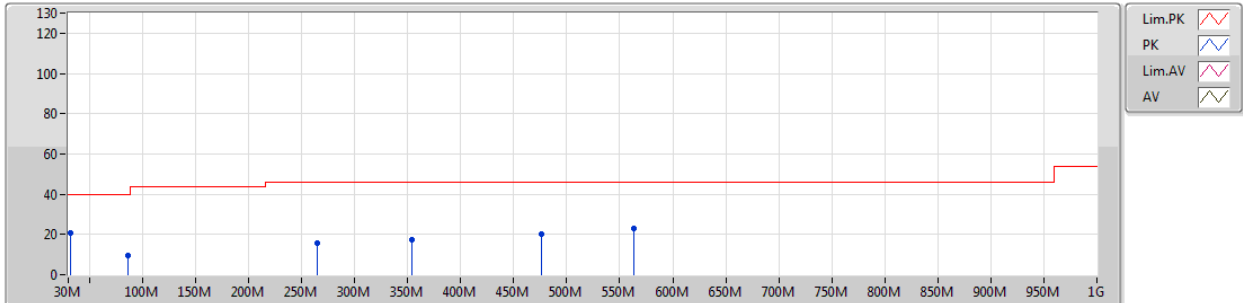
**Result**

| 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 |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5785MHz                      | Pass   | PK   | 31.94M       | 20.68             | 40.00             | -19.32         | -14.36         | 3           | Vertical   | 0              | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 86.26M       | 9.37              | 40.00             | -30.63         | -23.13         | 3           | Vertical   | 0              | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 264.74M      | 15.66             | 46.00             | -30.34         | -15.98         | 3           | Vertical   | 0              | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 353.98M      | 17.65             | 46.00             | -28.35         | -15.39         | 3           | Vertical   | 0              | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 476.2M       | 20.06             | 46.00             | -25.94         | -12.44         | 3           | Vertical   | 0              | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 563.5M       | 22.95             | 46.00             | -23.05         | -10.41         | 3           | Vertical   | 0              | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 31.94M       | 22.30             | 40.00             | -17.70         | -14.36         | 3           | Horizontal | 360            | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 128.94M      | 12.78             | 43.50             | -30.72         | -19.18         | 3           | Horizontal | 360            | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 253.1M       | 15.59             | 46.00             | -30.41         | -16.67         | 3           | Horizontal | 360            | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 443.22M      | 20.16             | 46.00             | -25.84         | -12.99         | 3           | Horizontal | 360            | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 567.38M      | 22.82             | 46.00             | -23.18         | -10.54         | 3           | Horizontal | 360            | 3.00          | -        |
| 5785MHz                      | Pass   | PK   | 846.74M      | 26.77             | 46.00             | -19.23         | -7.10          | 3           | Horizontal | 360            | 3.00          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 5785MHz\_USB

20/11/2018

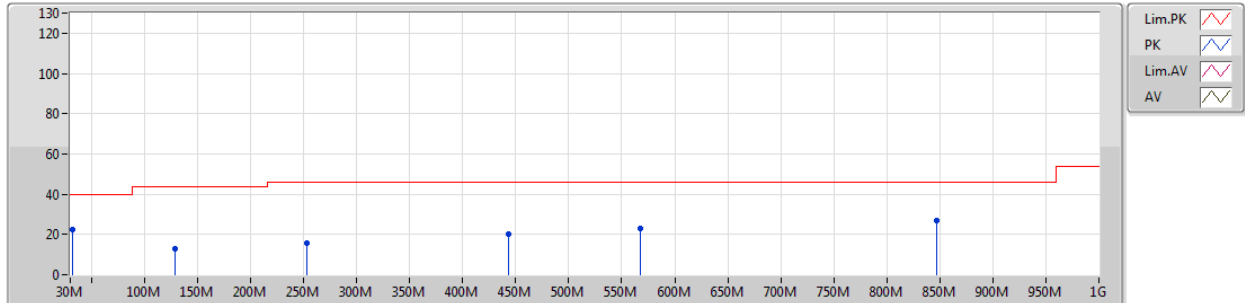


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| PK   | 31.94M       | 20.68             | 40.00             | -19.32         | -14.36         | 3           | Vertical  | 0              | 3.00          | -        |
| PK   | 86.26M       | 9.37              | 40.00             | -30.63         | -23.13         | 3           | Vertical  | 0              | 3.00          | -        |
| PK   | 264.74M      | 15.66             | 46.00             | -30.34         | -15.98         | 3           | Vertical  | 0              | 3.00          | -        |
| PK   | 353.98M      | 17.65             | 46.00             | -28.35         | -15.39         | 3           | Vertical  | 0              | 3.00          | -        |
| PK   | 476.2M       | 20.06             | 46.00             | -25.94         | -12.44         | 3           | Vertical  | 0              | 3.00          | -        |
| PK   | 563.5M       | 22.95             | 46.00             | -23.05         | -10.41         | 3           | Vertical  | 0              | 3.00          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

20/11/2018

### 5785MHz\_USB



| 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 |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| PK   | 31.94M       | 22.30             | 40.00             | -17.70         | -14.36         | 3           | Horizontal | 360            | 3.00          | -        |
| PK   | 128.94M      | 12.78             | 43.50             | -30.72         | -19.18         | 3           | Horizontal | 360            | 3.00          | -        |
| PK   | 253.1M       | 15.59             | 46.00             | -30.41         | -16.67         | 3           | Horizontal | 360            | 3.00          | -        |
| PK   | 443.22M      | 20.16             | 46.00             | -25.84         | -12.99         | 3           | Horizontal | 360            | 3.00          | -        |
| PK   | 567.38M      | 22.82             | 46.00             | -23.18         | -10.54         | 3           | Horizontal | 360            | 3.00          | -        |
| PK   | 846.74M      | 26.77             | 46.00             | -19.23         | -7.10          | 3           | Horizontal | 360            | 3.00          | -        |

## 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 |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.15-5.25GHz                 | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_1TX     | Pass   | AV   | 10.47928G    | 51.53             | 54.00             | -2.47          | 12.90          | 3           | Horizontal | 305            | 1.86          | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | AV   | 10.4012G     | 51.98             | 54.00             | -2.02          | 12.73          | 3           | Horizontal | 294            | 1.61          | -        |
| 5.25-5.35GHz                 | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_1TX     | Pass   | AV   | 10.60054G    | 51.71             | 54.00             | -2.29          | 13.15          | 3           | Horizontal | 295            | 1.50          | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | AV   | 5.3506G      | 51.78             | 54.00             | -2.22          | 4.05           | 3           | Vertical   | 245            | 2.77          | -        |
| 5.47-5.725GHz                | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_1TX     | Pass   | PK   | 5.7252G      | 65.57             | 68.20             | -2.63          | 3.59           | 3           | Vertical   | 260            | 2.48          | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | AV   | 11.40144G    | 51.94             | 54.00             | -2.06          | 15.16          | 3           | Horizontal | 139            | 1.79          | -        |
| 5.725-5.85GHz                | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_1TX     | Pass   | AV   | 11.65036G    | 51.96             | 54.00             | -2.04          | 13.43          | 3           | Horizontal | 300            | 1.79          | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | AV   | 11.6506G     | 51.87             | 54.00             | -2.13          | 14.87          | 3           | Vertical   | 15             | 1.01          | -        |

**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 |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11a_Nss1,(6Mbps)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5180MHz                  | Pass   | AV   | 5.15G        | 47.07             | 54.00             | -6.93          | 2.74           | 3           | Vertical   | 271            | 2.66          | -        |
| 5180MHz                  | Pass   | AV   | 5.1848G      | 94.98             | Inf               | -Inf           | 2.78           | 3           | Vertical   | 271            | 2.66          | -        |
| 5180MHz                  | Pass   | PK   | 5.1498G      | 61.39             | 74.00             | -12.61         | 2.74           | 3           | Vertical   | 271            | 2.66          | -        |
| 5180MHz                  | Pass   | PK   | 5.1852G      | 104.63            | Inf               | -Inf           | 2.78           | 3           | Vertical   | 271            | 2.66          | -        |
| 5180MHz                  | Pass   | AV   | 5.15G        | 46.08             | 54.00             | -7.92          | 2.74           | 3           | Horizontal | 3              | 1.61          | -        |
| 5180MHz                  | Pass   | AV   | 5.186G       | 92.90             | Inf               | -Inf           | 2.78           | 3           | Horizontal | 3              | 1.61          | -        |
| 5180MHz                  | Pass   | PK   | 5.1498G      | 60.09             | 74.00             | -13.91         | 2.74           | 3           | Horizontal | 3              | 1.61          | -        |
| 5180MHz                  | Pass   | PK   | 5.1832G      | 103.87            | Inf               | -Inf           | 2.78           | 3           | Horizontal | 3              | 1.61          | -        |
| 5180MHz                  | Pass   | AV   | 10.35778G    | 48.90             | 54.00             | -5.10          | 12.63          | 3           | Vertical   | 52             | 1.81          | -        |
| 5180MHz                  | Pass   | PK   | 10.36012G    | 63.26             | 74.00             | -10.74         | 12.63          | 3           | Vertical   | 52             | 1.81          | -        |
| 5180MHz                  | Pass   | AV   | 10.36132G    | 51.30             | 54.00             | -2.70          | 12.64          | 3           | Horizontal | 305            | 1.78          | -        |
| 5180MHz                  | Pass   | PK   | 10.36018G    | 64.47             | 74.00             | -9.53          | 12.63          | 3           | Horizontal | 305            | 1.78          | -        |
| 5200MHz                  | Pass   | AV   | 5.1072G      | 42.35             | 54.00             | -11.65         | 2.69           | 3           | Vertical   | 97             | 2.13          | -        |
| 5200MHz                  | Pass   | AV   | 5.1968G      | 90.73             | Inf               | -Inf           | 2.80           | 3           | Vertical   | 97             | 2.13          | -        |
| 5200MHz                  | Pass   | PK   | 5.1452G      | 54.30             | 74.00             | -19.70         | 2.74           | 3           | Vertical   | 97             | 2.13          | -        |
| 5200MHz                  | Pass   | PK   | 5.202G       | 100.86            | Inf               | -Inf           | 2.80           | 3           | Vertical   | 97             | 2.13          | -        |
| 5200MHz                  | Pass   | AV   | 5.1172G      | 42.32             | 54.00             | -11.68         | 2.70           | 3           | Horizontal | 1              | 1.95          | -        |
| 5200MHz                  | Pass   | AV   | 5.2044G      | 93.72             | Inf               | -Inf           | 2.80           | 3           | Horizontal | 1              | 1.95          | -        |
| 5200MHz                  | Pass   | PK   | 5.1272G      | 55.38             | 74.00             | -18.62         | 2.72           | 3           | Horizontal | 1              | 1.95          | -        |
| 5200MHz                  | Pass   | PK   | 5.2024G      | 103.15            | Inf               | -Inf           | 2.80           | 3           | Horizontal | 1              | 1.95          | -        |
| 5200MHz                  | Pass   | AV   | 10.39868G    | 48.62             | 54.00             | -5.38          | 12.73          | 3           | Vertical   | 55             | 1.81          | -        |
| 5200MHz                  | Pass   | PK   | 10.39856G    | 62.23             | 74.00             | -11.77         | 12.73          | 3           | Vertical   | 55             | 1.81          | -        |
| 5200MHz                  | Pass   | AV   | 10.4G        | 51.19             | 54.00             | -2.81          | 12.73          | 3           | Horizontal | 308            | 1.66          | -        |
| 5200MHz                  | Pass   | PK   | 10.40006G    | 64.21             | 74.00             | -9.79          | 12.73          | 3           | Horizontal | 308            | 1.66          | -        |
| 5240MHz                  | Pass   | AV   | 5.1446G      | 42.18             | 54.00             | -11.82         | 2.74           | 3           | Vertical   | 288            | 2.74          | -        |
| 5240MHz                  | Pass   | AV   | 5.2442G      | 93.55             | Inf               | -Inf           | 2.85           | 3           | Vertical   | 288            | 2.74          | -        |
| 5240MHz                  | Pass   | AV   | 5.3678G      | 41.58             | 54.00             | -12.42         | 2.99           | 3           | Vertical   | 288            | 2.74          | -        |
| 5240MHz                  | Pass   | PK   | 5.1488G      | 54.78             | 74.00             | -19.22         | 2.74           | 3           | Vertical   | 288            | 2.74          | -        |
| 5240MHz                  | Pass   | PK   | 5.2436G      | 102.98            | Inf               | -Inf           | 2.85           | 3           | Vertical   | 288            | 2.74          | -        |
| 5240MHz                  | Pass   | PK   | 5.3888G      | 53.41             | 74.00             | -20.59         | 3.01           | 3           | Vertical   | 288            | 2.74          | -        |
| 5240MHz                  | Pass   | AV   | 5.0948G      | 42.35             | 54.00             | -11.65         | 2.68           | 3           | Horizontal | 359            | 1.85          | -        |
| 5240MHz                  | Pass   | AV   | 5.2448G      | 94.01             | Inf               | -Inf           | 2.85           | 3           | Horizontal | 359            | 1.85          | -        |
| 5240MHz                  | Pass   | AV   | 5.3618G      | 41.51             | 54.00             | -12.49         | 2.98           | 3           | Horizontal | 359            | 1.85          | -        |
| 5240MHz                  | Pass   | PK   | 5.1002G      | 54.63             | 74.00             | -19.37         | 2.68           | 3           | Horizontal | 359            | 1.85          | -        |
| 5240MHz                  | Pass   | PK   | 5.2454G      | 102.89            | Inf               | -Inf           | 2.85           | 3           | Horizontal | 359            | 1.85          | -        |
| 5240MHz                  | Pass   | PK   | 5.3774G      | 53.92             | 74.00             | -20.08         | 3.00           | 3           | Horizontal | 359            | 1.85          | -        |
| 5240MHz                  | Pass   | AV   | 10.47946G    | 50.25             | 54.00             | -3.75          | 12.90          | 3           | Vertical   | 359            | 1.87          | -        |
| 5240MHz                  | Pass   | PK   | 10.48054G    | 63.20             | 74.00             | -10.80         | 12.90          | 3           | Vertical   | 359            | 1.87          | -        |
| 5240MHz                  | Pass   | AV   | 10.47928G    | 51.53             | 54.00             | -2.47          | 12.90          | 3           | Horizontal | 305            | 1.86          | -        |
| 5240MHz                  | Pass   | PK   | 10.4785G     | 64.38             | 74.00             | -9.62          | 12.90          | 3           | Horizontal | 305            | 1.86          | -        |
| 5260MHz                  | Pass   | AV   | 5.1196G      | 42.16             | 54.00             | -11.84         | 2.70           | 3           | Vertical   | 271            | 2.71          | -        |
| 5260MHz                  | Pass   | AV   | 5.2642G      | 94.90             | Inf               | -Inf           | 2.87           | 3           | Vertical   | 271            | 2.71          | -        |
| 5260MHz                  | Pass   | AV   | 5.4034G      | 41.71             | 54.00             | -12.29         | 3.03           | 3           | Vertical   | 271            | 2.71          | -        |
| 5260MHz                  | Pass   | PK   | 5.1424G      | 54.63             | 74.00             | -19.37         | 2.74           | 3           | Vertical   | 271            | 2.71          | -        |
| 5260MHz                  | Pass   | PK   | 5.2624G      | 104.06            | Inf               | -Inf           | 2.87           | 3           | Vertical   | 271            | 2.71          | -        |
| 5260MHz                  | Pass   | PK   | 5.4046G      | 53.47             | 74.00             | -20.53         | 3.03           | 3           | Vertical   | 271            | 2.71          | -        |
| 5260MHz                  | Pass   | AV   | 5.122G       | 42.29             | 54.00             | -11.71         | 2.71           | 3           | Horizontal | 358            | 1.96          | -        |

| 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   | AV   | 5.2642G      | 94.06             | Inf               | -Inf           | 2.87           | 3           | Horizontal | 358            | 1.96          | -        |
| 5260MHz | Pass   | AV   | 5.3902G      | 41.71             | 54.00             | -12.29         | 3.01           | 3           | Horizontal | 358            | 1.96          | -        |
| 5260MHz | Pass   | PK   | 5.146G       | 54.44             | 74.00             | -19.56         | 2.74           | 3           | Horizontal | 358            | 1.96          | -        |
| 5260MHz | Pass   | PK   | 5.2648G      | 103.24            | Inf               | -Inf           | 2.88           | 3           | Horizontal | 358            | 1.96          | -        |
| 5260MHz | Pass   | PK   | 5.398G       | 53.89             | 74.00             | -20.11         | 3.03           | 3           | Horizontal | 358            | 1.96          | -        |
| 5260MHz | Pass   | AV   | 10.5194G     | 48.31             | 54.00             | -5.69          | 12.98          | 3           | Vertical   | 52             | 1.00          | -        |
| 5260MHz | Pass   | PK   | 10.52216G    | 61.23             | 74.00             | -12.77         | 12.98          | 3           | Vertical   | 52             | 1.00          | -        |
| 5260MHz | Pass   | AV   | 10.52054G    | 51.28             | 54.00             | -2.72          | 12.98          | 3           | Horizontal | 307            | 1.71          | -        |
| 5260MHz | Pass   | PK   | 10.51826G    | 63.99             | 74.00             | -10.01         | 12.98          | 3           | Horizontal | 307            | 1.71          | -        |
| 5300MHz | Pass   | AV   | 5.296G       | 97.46             | Inf               | -Inf           | 2.91           | 3           | Vertical   | 282            | 2.83          | -        |
| 5300MHz | Pass   | AV   | 5.3744G      | 42.80             | 54.00             | -11.20         | 2.99           | 3           | Vertical   | 282            | 2.83          | -        |
| 5300MHz | Pass   | PK   | 5.3032G      | 107.08            | Inf               | -Inf           | 2.91           | 3           | Vertical   | 282            | 2.83          | -        |
| 5300MHz | Pass   | PK   | 5.3732G      | 54.12             | 74.00             | -19.88         | 2.99           | 3           | Vertical   | 282            | 2.83          | -        |
| 5300MHz | Pass   | AV   | 5.3032G      | 97.95             | Inf               | -Inf           | 2.91           | 3           | Horizontal | 356            | 1.82          | -        |
| 5300MHz | Pass   | AV   | 5.3504G      | 42.97             | 54.00             | -11.03         | 2.97           | 3           | Horizontal | 356            | 1.82          | -        |
| 5300MHz | Pass   | PK   | 5.3052G      | 107.48            | Inf               | -Inf           | 2.91           | 3           | Horizontal | 356            | 1.82          | -        |
| 5300MHz | Pass   | PK   | 5.3508G      | 56.27             | 74.00             | -17.73         | 2.97           | 3           | Horizontal | 356            | 1.82          | -        |
| 5300MHz | Pass   | AV   | 10.60114G    | 50.11             | 54.00             | -3.89          | 13.15          | 3           | Vertical   | 46             | 1.83          | -        |
| 5300MHz | Pass   | PK   | 10.60366G    | 63.17             | 74.00             | -10.83         | 13.17          | 3           | Vertical   | 46             | 1.83          | -        |
| 5300MHz | Pass   | AV   | 10.60054G    | 51.71             | 54.00             | -2.29          | 13.15          | 3           | Horizontal | 295            | 1.50          | -        |
| 5300MHz | Pass   | PK   | 10.5988G     | 64.20             | 74.00             | -9.80          | 13.15          | 3           | Horizontal | 295            | 1.50          | -        |
| 5320MHz | Pass   | AV   | 5.326G       | 95.93             | Inf               | -Inf           | 2.95           | 3           | Vertical   | 284            | 1.76          | -        |
| 5320MHz | Pass   | AV   | 5.3502G      | 48.40             | 54.00             | -5.60          | 2.97           | 3           | Vertical   | 284            | 1.76          | -        |
| 5320MHz | Pass   | PK   | 5.3178G      | 105.48            | Inf               | -Inf           | 2.93           | 3           | Vertical   | 284            | 1.76          | -        |
| 5320MHz | Pass   | PK   | 5.35G        | 62.54             | 74.00             | -11.46         | 2.97           | 3           | Vertical   | 284            | 1.76          | -        |
| 5320MHz | Pass   | AV   | 5.3166G      | 98.81             | Inf               | -Inf           | 2.93           | 3           | Horizontal | 351            | 1.78          | -        |
| 5320MHz | Pass   | AV   | 5.35G        | 50.24             | 54.00             | -3.76          | 2.97           | 3           | Horizontal | 351            | 1.78          | -        |
| 5320MHz | Pass   | PK   | 5.3174G      | 108.60            | Inf               | -Inf           | 2.93           | 3           | Horizontal | 351            | 1.78          | -        |
| 5320MHz | Pass   | PK   | 5.3502G      | 63.42             | 74.00             | -10.58         | 2.97           | 3           | Horizontal | 351            | 1.78          | -        |
| 5320MHz | Pass   | AV   | 10.6409G     | 49.57             | 54.00             | -4.43          | 13.25          | 3           | Vertical   | 31             | 1.79          | -        |
| 5320MHz | Pass   | PK   | 10.63838G    | 62.84             | 74.00             | -11.16         | 13.24          | 3           | Vertical   | 31             | 1.79          | -        |
| 5320MHz | Pass   | AV   | 10.64084G    | 51.52             | 54.00             | -2.48          | 13.25          | 3           | Horizontal | 301            | 1.68          | -        |
| 5320MHz | Pass   | PK   | 10.64054G    | 63.75             | 74.00             | -10.25         | 13.25          | 3           | Horizontal | 301            | 1.68          | -        |
| 5500MHz | Pass   | AV   | 5.46G        | 45.80             | 54.00             | -8.20          | 3.10           | 3           | Vertical   | 263            | 2.64          | -        |
| 5500MHz | Pass   | AV   | 5.4948G      | 98.05             | Inf               | -Inf           | 3.14           | 3           | Vertical   | 263            | 2.64          | -        |
| 5500MHz | Pass   | PK   | 5.4582G      | 58.48             | 74.00             | -15.52         | 3.09           | 3           | Vertical   | 263            | 2.64          | -        |
| 5500MHz | Pass   | PK   | 5.4666G      | 64.37             | 68.20             | -3.83          | 3.11           | 3           | Vertical   | 263            | 2.64          | -        |
| 5500MHz | Pass   | PK   | 5.4986G      | 107.67            | Inf               | -Inf           | 3.14           | 3           | Vertical   | 263            | 2.64          | -        |
| 5500MHz | Pass   | AV   | 5.4596G      | 44.29             | 54.00             | -9.71          | 3.10           | 3           | Horizontal | 351            | 1.72          | -        |
| 5500MHz | Pass   | AV   | 5.5046G      | 94.90             | Inf               | -Inf           | 3.15           | 3           | Horizontal | 351            | 1.72          | -        |
| 5500MHz | Pass   | PK   | 5.4594G      | 57.14             | 74.00             | -16.86         | 3.10           | 3           | Horizontal | 351            | 1.72          | -        |
| 5500MHz | Pass   | PK   | 5.4698G      | 62.09             | 68.20             | -6.11          | 3.11           | 3           | Horizontal | 351            | 1.72          | -        |
| 5500MHz | Pass   | PK   | 5.504G       | 105.32            | Inf               | -Inf           | 3.15           | 3           | Horizontal | 351            | 1.72          | -        |
| 5500MHz | Pass   | AV   | 10.9994G     | 51.34             | 54.00             | -2.66          | 14.03          | 3           | Vertical   | 258            | 1.71          | -        |
| 5500MHz | Pass   | PK   | 11.00024G    | 64.59             | 74.00             | -9.41          | 14.03          | 3           | Vertical   | 258            | 1.71          | -        |
| 5500MHz | Pass   | AV   | 10.99952G    | 50.73             | 54.00             | -3.27          | 14.03          | 3           | Horizontal | 330            | 1.59          | -        |
| 5500MHz | Pass   | PK   | 11.00558G    | 63.45             | 74.00             | -10.55         | 14.02          | 3           | Horizontal | 330            | 1.59          | -        |
| 5580MHz | Pass   | AV   | 5.4432G      | 42.08             | 54.00             | -11.92         | 3.08           | 3           | Vertical   | 261            | 2.59          | -        |
| 5580MHz | Pass   | AV   | 5.5752G      | 96.97             | Inf               | -Inf           | 3.29           | 3           | Vertical   | 261            | 2.59          | -        |





## RSE TX above 1GHz Result

## Appendix E.2

| 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 |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5580MHz                        | Pass   | PK   | 5.466G       | 54.25             | 68.20             | -13.95         | 3.11           | 3           | Vertical   | 261            | 2.59          | -        |
| 5580MHz                        | Pass   | PK   | 5.586G       | 106.03            | Inf               | -Inf           | 3.31           | 3           | Vertical   | 261            | 2.59          | -        |
| 5580MHz                        | Pass   | PK   | 5.7288G      | 53.98             | 74.00             | -20.02         | 3.59           | 3           | Vertical   | 261            | 2.59          | -        |
| 5580MHz                        | Pass   | AV   | 5.4576G      | 41.82             | 54.00             | -12.18         | 3.09           | 3           | Horizontal | 358            | 1.48          | -        |
| 5580MHz                        | Pass   | AV   | 5.5752G      | 92.42             | Inf               | -Inf           | 3.29           | 3           | Horizontal | 358            | 1.48          | -        |
| 5580MHz                        | Pass   | PK   | 5.4636G      | 55.91             | 68.20             | -12.29         | 3.10           | 3           | Horizontal | 358            | 1.48          | -        |
| 5580MHz                        | Pass   | PK   | 5.5758G      | 101.52            | Inf               | -Inf           | 3.29           | 3           | Horizontal | 358            | 1.48          | -        |
| 5580MHz                        | Pass   | PK   | 5.7288G      | 54.42             | 68.20             | -13.78         | 3.59           | 3           | Horizontal | 358            | 1.48          | -        |
| 5580MHz                        | Pass   | AV   | 11.1597G     | 49.33             | 54.00             | -4.67          | 13.89          | 3           | Vertical   | 326            | 1.86          | -        |
| 5580MHz                        | Pass   | PK   | 11.15628G    | 62.09             | 74.00             | -11.91         | 13.89          | 3           | Vertical   | 326            | 1.86          | -        |
| 5580MHz                        | Pass   | AV   | 11.15934G    | 51.29             | 54.00             | -2.71          | 13.89          | 3           | Horizontal | 119            | 1.72          | -        |
| 5580MHz                        | Pass   | PK   | 11.16012G    | 65.36             | 74.00             | -8.64          | 13.89          | 3           | Horizontal | 119            | 1.72          | -        |
| 5700MHz                        | Pass   | AV   | 5.7056G      | 99.80             | Inf               | -Inf           | 3.55           | 3           | Vertical   | 260            | 2.48          | -        |
| 5700MHz                        | Pass   | PK   | 5.6948G      | 109.53            | Inf               | -Inf           | 3.53           | 3           | Vertical   | 260            | 2.48          | -        |
| 5700MHz                        | Pass   | PK   | 5.7252G      | 65.57             | 68.20             | -2.63          | 3.59           | 3           | Vertical   | 260            | 2.48          | -        |
| 5700MHz                        | Pass   | AV   | 5.6976G      | 94.65             | Inf               | -Inf           | 3.54           | 3           | Horizontal | 355            | 1.52          | -        |
| 5700MHz                        | Pass   | PK   | 5.6976G      | 104.14            | Inf               | -Inf           | 3.54           | 3           | Horizontal | 355            | 1.52          | -        |
| 5700MHz                        | Pass   | PK   | 5.7256G      | 61.14             | 68.20             | -7.06          | 3.59           | 3           | Horizontal | 355            | 1.52          | -        |
| 5700MHz                        | Pass   | AV   | 11.39922G    | 49.81             | 54.00             | -4.19          | 13.66          | 3           | Vertical   | 16             | 1.74          | -        |
| 5700MHz                        | Pass   | PK   | 11.39814G    | 61.63             | 74.00             | -12.37         | 13.66          | 3           | Vertical   | 16             | 1.74          | -        |
| 5700MHz                        | Pass   | AV   | 11.39988G    | 51.37             | 54.00             | -2.63          | 13.66          | 3           | Horizontal | 123            | 1.72          | -        |
| 5700MHz                        | Pass   | PK   | 11.40258G    | 63.51             | 74.00             | -10.49         | 13.66          | 3           | Horizontal | 123            | 1.72          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4452G      | 42.10             | 54.00             | -11.90         | 3.08           | 3           | Vertical   | 260            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7236G      | 100.34            | Inf               | -Inf           | 3.59           | 3           | Vertical   | 260            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7224G      | 109.39            | Inf               | -Inf           | 3.59           | 3           | Vertical   | 260            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.9684G      | 55.53             | 68.20             | -12.67         | 4.07           | 3           | Vertical   | 260            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4668G      | 53.40             | 68.20             | -14.80         | 3.11           | 3           | Vertical   | 260            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4596G      | 41.85             | 54.00             | -12.15         | 3.10           | 3           | Horizontal | 355            | 1.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7248G      | 95.08             | Inf               | -Inf           | 3.59           | 3           | Horizontal | 355            | 1.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4644G      | 53.66             | 68.20             | -14.54         | 3.11           | 3           | Horizontal | 355            | 1.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7248G      | 104.30            | Inf               | -Inf           | 3.59           | 3           | Horizontal | 355            | 1.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.9144G      | 55.56             | 68.20             | -12.64         | 3.96           | 3           | Horizontal | 355            | 1.60          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44066G    | 50.59             | 54.00             | -3.41          | 13.62          | 3           | Vertical   | 10             | 1.62          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.4406G     | 63.90             | 74.00             | -10.10         | 13.62          | 3           | Vertical   | 10             | 1.62          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44096G    | 51.23             | 54.00             | -2.77          | 13.62          | 3           | Horizontal | 122            | 1.71          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.44744G    | 63.93             | 74.00             | -10.07         | 13.62          | 3           | Horizontal | 122            | 1.71          | -        |
| 5745MHz                        | Pass   | AV   | 5.7402G      | 101.00            | Inf               | -Inf           | 3.62           | 3           | Vertical   | 259            | 2.57          | -        |
| 5745MHz                        | Pass   | PK   | 5.5674G      | 55.20             | 68.20             | -13.00         | 3.27           | 3           | Vertical   | 259            | 2.57          | -        |
| 5745MHz                        | Pass   | PK   | 5.7402G      | 110.23            | Inf               | -Inf           | 3.62           | 3           | Vertical   | 259            | 2.57          | -        |
| 5745MHz                        | Pass   | PK   | 5.9586G      | 56.04             | 68.20             | -12.16         | 4.04           | 3           | Vertical   | 259            | 2.57          | -        |
| 5745MHz                        | Pass   | AV   | 5.7402G      | 92.94             | Inf               | -Inf           | 3.62           | 3           | Horizontal | 359            | 2.99          | -        |
| 5745MHz                        | Pass   | PK   | 5.5722G      | 55.09             | 68.20             | -13.11         | 3.28           | 3           | Horizontal | 359            | 2.99          | -        |
| 5745MHz                        | Pass   | PK   | 5.7378G      | 102.35            | Inf               | -Inf           | 3.61           | 3           | Horizontal | 359            | 2.99          | -        |
| 5745MHz                        | Pass   | PK   | 5.985G       | 55.46             | 68.20             | -12.74         | 4.10           | 3           | Horizontal | 359            | 2.99          | -        |
| 5745MHz                        | Pass   | AV   | 11.48964G    | 45.94             | 54.00             | -8.06          | 13.58          | 3           | Vertical   | 62             | 1.58          | -        |
| 5745MHz                        | Pass   | PK   | 11.48748G    | 60.09             | 74.00             | -13.91         | 13.59          | 3           | Vertical   | 62             | 1.58          | -        |
| 5745MHz                        | Pass   | AV   | 11.4897G     | 51.08             | 54.00             | -2.92          | 13.58          | 3           | Horizontal | 359            | 1.82          | -        |
| 5745MHz                        | Pass   | PK   | 11.48892G    | 64.26             | 74.00             | -9.74          | 13.59          | 3           | Horizontal | 359            | 1.82          | -        |
| 5785MHz                        | Pass   | AV   | 5.7802G      | 100.59            | Inf               | -Inf           | 3.69           | 3           | Vertical   | 257            | 2.55          | -        |



## RSE TX above 1GHz Result

## Appendix E.2

| 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 |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5785MHz                      | Pass   | PK   | 5.5654G      | 54.74             | 68.20             | -13.46         | 3.27           | 3           | Vertical   | 257            | 2.55          | -        |
| 5785MHz                      | Pass   | PK   | 5.7886G      | 110.62            | Inf               | -Inf           | 3.70           | 3           | Vertical   | 257            | 2.55          | -        |
| 5785MHz                      | Pass   | PK   | 5.9686G      | 55.42             | 68.20             | -12.78         | 4.07           | 3           | Vertical   | 257            | 2.55          | -        |
| 5785MHz                      | Pass   | AV   | 5.7802G      | 95.14             | Inf               | -Inf           | 3.69           | 3           | Horizontal | 356            | 1.40          | -        |
| 5785MHz                      | Pass   | PK   | 5.641G       | 55.12             | 68.20             | -13.08         | 3.43           | 3           | Horizontal | 356            | 1.40          | -        |
| 5785MHz                      | Pass   | PK   | 5.7886G      | 104.50            | Inf               | -Inf           | 3.70           | 3           | Horizontal | 356            | 1.40          | -        |
| 5785MHz                      | Pass   | PK   | 5.9614G      | 55.86             | 68.20             | -12.34         | 4.05           | 3           | Horizontal | 356            | 1.40          | -        |
| 5785MHz                      | Pass   | AV   | 11.56892G    | 51.45             | 54.00             | -2.55          | 13.50          | 3           | Vertical   | 5              | 1.62          | -        |
| 5785MHz                      | Pass   | PK   | 11.57222G    | 64.66             | 74.00             | -9.34          | 13.51          | 3           | Vertical   | 5              | 1.62          | -        |
| 5785MHz                      | Pass   | AV   | 11.57066G    | 50.24             | 54.00             | -3.76          | 13.51          | 3           | Horizontal | 298            | 1.74          | -        |
| 5785MHz                      | Pass   | PK   | 11.56892G    | 63.94             | 74.00             | -10.06         | 13.50          | 3           | Horizontal | 298            | 1.74          | -        |
| 5825MHz                      | Pass   | AV   | 5.8202G      | 99.68             | Inf               | -Inf           | 3.77           | 3           | Vertical   | 256            | 2.50          | -        |
| 5825MHz                      | Pass   | PK   | 5.6246G      | 54.96             | 68.20             | -13.24         | 3.39           | 3           | Vertical   | 256            | 2.50          | -        |
| 5825MHz                      | Pass   | PK   | 5.8286G      | 109.55            | Inf               | -Inf           | 3.79           | 3           | Vertical   | 256            | 2.50          | -        |
| 5825MHz                      | Pass   | PK   | 5.9354G      | 55.35             | 68.20             | -12.85         | 4.00           | 3           | Vertical   | 256            | 2.50          | -        |
| 5825MHz                      | Pass   | AV   | 5.8202G      | 94.88             | Inf               | -Inf           | 3.77           | 3           | Horizontal | 355            | 1.81          | -        |
| 5825MHz                      | Pass   | PK   | 5.5562G      | 54.65             | 68.20             | -13.55         | 3.25           | 3           | Horizontal | 355            | 1.81          | -        |
| 5825MHz                      | Pass   | PK   | 5.8214G      | 103.86            | Inf               | -Inf           | 3.77           | 3           | Horizontal | 355            | 1.81          | -        |
| 5825MHz                      | Pass   | PK   | 5.9534G      | 55.10             | 68.20             | -13.10         | 4.03           | 3           | Horizontal | 355            | 1.81          | -        |
| 5825MHz                      | Pass   | AV   | 11.647G      | 51.58             | 54.00             | -2.42          | 13.43          | 3           | Vertical   | 359            | 1.50          | -        |
| 5825MHz                      | Pass   | PK   | 11.64844G    | 64.54             | 74.00             | -9.46          | 13.43          | 3           | Vertical   | 359            | 1.50          | -        |
| 5825MHz                      | Pass   | AV   | 11.65036G    | 51.96             | 54.00             | -2.04          | 13.43          | 3           | Horizontal | 300            | 1.79          | -        |
| 5825MHz                      | Pass   | PK   | 11.65186G    | 64.49             | 74.00             | -9.51          | 13.43          | 3           | Horizontal | 300            | 1.79          | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 5180MHz                      | Pass   | AV   | 5.15G        | 48.41             | 54.00             | -5.59          | 2.74           | 3           | Vertical   | 275            | 1.68          | -        |
| 5180MHz                      | Pass   | AV   | 5.1854G      | 92.47             | Inf               | -Inf           | 2.78           | 3           | Vertical   | 275            | 1.68          | -        |
| 5180MHz                      | Pass   | PK   | 5.1496G      | 62.86             | 74.00             | -11.14         | 2.74           | 3           | Vertical   | 275            | 1.68          | -        |
| 5180MHz                      | Pass   | PK   | 5.1836G      | 102.58            | Inf               | -Inf           | 2.78           | 3           | Vertical   | 275            | 1.68          | -        |
| 5180MHz                      | Pass   | AV   | 5.1496G      | 51.26             | 54.00             | -2.74          | 2.74           | 3           | Horizontal | 348            | 1.77          | -        |
| 5180MHz                      | Pass   | AV   | 5.1846G      | 94.67             | Inf               | -Inf           | 2.78           | 3           | Horizontal | 348            | 1.77          | -        |
| 5180MHz                      | Pass   | PK   | 5.1496G      | 65.56             | 74.00             | -8.44          | 2.74           | 3           | Horizontal | 348            | 1.77          | -        |
| 5180MHz                      | Pass   | PK   | 5.1822G      | 104.74            | Inf               | -Inf           | 2.78           | 3           | Horizontal | 348            | 1.77          | -        |
| 5180MHz                      | Pass   | AV   | 10.36126G    | 50.19             | 54.00             | -3.81          | 12.64          | 3           | Vertical   | 29             | 1.85          | -        |
| 5180MHz                      | Pass   | PK   | 10.36048G    | 64.13             | 74.00             | -9.87          | 12.63          | 3           | Vertical   | 29             | 1.85          | -        |
| 5180MHz                      | Pass   | AV   | 10.36144G    | 51.09             | 54.00             | -2.91          | 12.64          | 3           | Horizontal | 6              | 1.66          | -        |
| 5180MHz                      | Pass   | PK   | 10.35922G    | 64.19             | 74.00             | -9.81          | 12.63          | 3           | Horizontal | 6              | 1.66          | -        |
| 5200MHz                      | Pass   | AV   | 5.124G       | 42.64             | 54.00             | -11.36         | 2.71           | 3           | Vertical   | 257            | 2.75          | -        |
| 5200MHz                      | Pass   | AV   | 5.2052G      | 93.76             | Inf               | -Inf           | 2.80           | 3           | Vertical   | 257            | 2.75          | -        |
| 5200MHz                      | Pass   | PK   | 5.1184G      | 54.84             | 74.00             | -19.16         | 2.70           | 3           | Vertical   | 257            | 2.75          | -        |
| 5200MHz                      | Pass   | PK   | 5.1976G      | 103.62            | Inf               | -Inf           | 2.80           | 3           | Vertical   | 257            | 2.75          | -        |
| 5200MHz                      | Pass   | AV   | 5.1224G      | 42.52             | 54.00             | -11.48         | 2.71           | 3           | Horizontal | 344            | 1.89          | -        |
| 5200MHz                      | Pass   | AV   | 5.196G       | 94.35             | Inf               | -Inf           | 2.80           | 3           | Horizontal | 344            | 1.89          | -        |
| 5200MHz                      | Pass   | PK   | 5.1088G      | 54.55             | 74.00             | -19.45         | 2.70           | 3           | Horizontal | 344            | 1.89          | -        |
| 5200MHz                      | Pass   | PK   | 5.1984G      | 104.31            | Inf               | -Inf           | 2.80           | 3           | Horizontal | 344            | 1.89          | -        |
| 5200MHz                      | Pass   | AV   | 10.39904G    | 49.85             | 54.00             | -4.15          | 12.73          | 3           | Vertical   | 46             | 1.80          | -        |
| 5200MHz                      | Pass   | PK   | 10.39844G    | 62.55             | 74.00             | -11.45         | 12.73          | 3           | Vertical   | 46             | 1.80          | -        |
| 5200MHz                      | Pass   | AV   | 10.4012G     | 51.98             | 54.00             | -2.02          | 12.73          | 3           | Horizontal | 294            | 1.61          | -        |
| 5200MHz                      | Pass   | PK   | 10.40084G    | 65.22             | 74.00             | -8.78          | 12.73          | 3           | Horizontal | 294            | 1.61          | -        |
| 5240MHz                      | Pass   | AV   | 5.1404G      | 42.64             | 54.00             | -11.36         | 2.73           | 3           | Vertical   | 255            | 2.74          | -        |

| 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 |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5240MHz | Pass   | AV   | 5.2448G      | 95.77             | Inf               | -Inf           | 2.85           | 3           | Vertical   | 255            | 2.74          | -        |
| 5240MHz | Pass   | AV   | 5.3564G      | 41.86             | 54.00             | -12.14         | 2.97           | 3           | Vertical   | 255            | 2.74          | -        |
| 5240MHz | Pass   | PK   | 5.1086G      | 54.69             | 74.00             | -19.31         | 2.70           | 3           | Vertical   | 255            | 2.74          | -        |
| 5240MHz | Pass   | PK   | 5.2454G      | 105.18            | Inf               | -Inf           | 2.85           | 3           | Vertical   | 255            | 2.74          | -        |
| 5240MHz | Pass   | PK   | 5.3666G      | 53.85             | 74.00             | -20.15         | 2.99           | 3           | Vertical   | 255            | 2.74          | -        |
| 5240MHz | Pass   | AV   | 5.09G        | 42.51             | 54.00             | -11.49         | 2.66           | 3           | Horizontal | 344            | 1.83          | -        |
| 5240MHz | Pass   | AV   | 5.2448G      | 95.22             | Inf               | -Inf           | 2.85           | 3           | Horizontal | 344            | 1.83          | -        |
| 5240MHz | Pass   | AV   | 5.3588G      | 41.82             | 54.00             | -12.18         | 2.98           | 3           | Horizontal | 344            | 1.83          | -        |
| 5240MHz | Pass   | PK   | 5.1056G      | 54.98             | 74.00             | -19.02         | 2.68           | 3           | Horizontal | 344            | 1.83          | -        |
| 5240MHz | Pass   | PK   | 5.2436G      | 104.61            | Inf               | -Inf           | 2.85           | 3           | Horizontal | 344            | 1.83          | -        |
| 5240MHz | Pass   | PK   | 5.3618G      | 53.52             | 74.00             | -20.48         | 2.98           | 3           | Horizontal | 344            | 1.83          | -        |
| 5240MHz | Pass   | AV   | 10.47892G    | 49.55             | 54.00             | -4.45          | 12.90          | 3           | Vertical   | 27             | 1.83          | -        |
| 5240MHz | Pass   | PK   | 10.48072G    | 63.20             | 74.00             | -10.80         | 12.90          | 3           | Vertical   | 27             | 1.83          | -        |
| 5240MHz | Pass   | AV   | 10.48138G    | 51.55             | 54.00             | -2.45          | 12.90          | 3           | Horizontal | 294            | 1.58          | -        |
| 5240MHz | Pass   | PK   | 10.4803G     | 64.86             | 74.00             | -9.14          | 12.90          | 3           | Horizontal | 294            | 1.58          | -        |
| 5260MHz | Pass   | AV   | 5.1184G      | 42.53             | 54.00             | -11.47         | 2.70           | 3           | Vertical   | 254            | 2.73          | -        |
| 5260MHz | Pass   | AV   | 5.2642G      | 95.36             | Inf               | -Inf           | 2.87           | 3           | Vertical   | 254            | 2.73          | -        |
| 5260MHz | Pass   | AV   | 5.4088G      | 41.91             | 54.00             | -12.09         | 3.05           | 3           | Vertical   | 254            | 2.73          | -        |
| 5260MHz | Pass   | PK   | 5.1382G      | 54.51             | 74.00             | -19.49         | 2.73           | 3           | Vertical   | 254            | 2.73          | -        |
| 5260MHz | Pass   | PK   | 5.2636G      | 105.52            | Inf               | -Inf           | 2.87           | 3           | Vertical   | 254            | 2.73          | -        |
| 5260MHz | Pass   | PK   | 5.38G        | 54.17             | 74.00             | -19.83         | 3.01           | 3           | Vertical   | 254            | 2.73          | -        |
| 5260MHz | Pass   | AV   | 5.1496G      | 42.36             | 54.00             | -11.64         | 2.74           | 3           | Horizontal | 345            | 1.75          | -        |
| 5260MHz | Pass   | AV   | 5.2648G      | 93.94             | Inf               | -Inf           | 2.88           | 3           | Horizontal | 345            | 1.75          | -        |
| 5260MHz | Pass   | AV   | 5.3848G      | 41.81             | 54.00             | -12.19         | 3.01           | 3           | Horizontal | 345            | 1.75          | -        |
| 5260MHz | Pass   | PK   | 5.15G        | 54.14             | 74.00             | -19.86         | 2.74           | 3           | Horizontal | 345            | 1.75          | -        |
| 5260MHz | Pass   | PK   | 5.2558G      | 103.52            | Inf               | -Inf           | 2.86           | 3           | Horizontal | 345            | 1.75          | -        |
| 5260MHz | Pass   | PK   | 5.395G       | 53.60             | 74.00             | -20.40         | 3.03           | 3           | Horizontal | 345            | 1.75          | -        |
| 5260MHz | Pass   | AV   | 10.51898G    | 48.66             | 54.00             | -5.34          | 12.98          | 3           | Vertical   | 40             | 1.78          | -        |
| 5260MHz | Pass   | PK   | 10.52432G    | 61.26             | 74.00             | -12.74         | 12.99          | 3           | Vertical   | 40             | 1.78          | -        |
| 5260MHz | Pass   | AV   | 10.51898G    | 51.63             | 54.00             | -2.37          | 12.98          | 3           | Horizontal | 286            | 1.78          | -        |
| 5260MHz | Pass   | PK   | 10.52066G    | 65.27             | 74.00             | -8.73          | 12.98          | 3           | Horizontal | 286            | 1.78          | -        |
| 5300MHz | Pass   | AV   | 5.2944G      | 97.40             | Inf               | -Inf           | 3.95           | 3           | Vertical   | 245            | 2.68          | -        |
| 5300MHz | Pass   | AV   | 5.3848G      | 45.64             | 54.00             | -8.36          | 4.11           | 3           | Vertical   | 245            | 2.68          | -        |
| 5300MHz | Pass   | PK   | 5.3044G      | 107.59            | Inf               | -Inf           | 3.97           | 3           | Vertical   | 245            | 2.68          | -        |
| 5300MHz | Pass   | PK   | 5.3856G      | 57.72             | 74.00             | -16.28         | 4.11           | 3           | Vertical   | 245            | 2.68          | -        |
| 5300MHz | Pass   | AV   | 5.302G       | 93.98             | Inf               | -Inf           | 3.96           | 3           | Horizontal | 1              | 1.50          | -        |
| 5300MHz | Pass   | AV   | 5.3768G      | 45.23             | 54.00             | -8.77          | 4.10           | 3           | Horizontal | 1              | 1.50          | -        |
| 5300MHz | Pass   | PK   | 5.298G       | 104.81            | Inf               | -Inf           | 3.96           | 3           | Horizontal | 1              | 1.50          | -        |
| 5300MHz | Pass   | PK   | 5.378G       | 57.59             | 74.00             | -16.41         | 4.10           | 3           | Horizontal | 1              | 1.50          | -        |
| 5300MHz | Pass   | AV   | 10.6003G     | 50.54             | 54.00             | -3.46          | 14.80          | 3           | Vertical   | 13             | 1.82          | -        |
| 5300MHz | Pass   | PK   | 10.59838G    | 64.78             | 74.00             | -9.22          | 14.80          | 3           | Vertical   | 13             | 1.82          | -        |
| 5300MHz | Pass   | AV   | 10.60096G    | 51.56             | 54.00             | -2.44          | 14.80          | 3           | Horizontal | 301            | 1.78          | -        |
| 5300MHz | Pass   | PK   | 10.5991G     | 64.68             | 74.00             | -9.32          | 14.80          | 3           | Horizontal | 301            | 1.78          | -        |
| 5320MHz | Pass   | AV   | 5.3228G      | 99.59             | Inf               | -Inf           | 4.00           | 3           | Vertical   | 245            | 2.77          | -        |
| 5320MHz | Pass   | AV   | 5.3506G      | 51.78             | 54.00             | -2.22          | 4.05           | 3           | Vertical   | 245            | 2.77          | -        |
| 5320MHz | Pass   | PK   | 5.3162G      | 109.66            | Inf               | -Inf           | 3.99           | 3           | Vertical   | 245            | 2.77          | -        |
| 5320MHz | Pass   | PK   | 5.3548G      | 65.22             | 74.00             | -8.78          | 4.06           | 3           | Vertical   | 245            | 2.77          | -        |
| 5320MHz | Pass   | AV   | 5.3172G      | 97.29             | Inf               | -Inf           | 3.99           | 3           | Horizontal | 8              | 2.77          | -        |
| 5320MHz | Pass   | AV   | 5.35G        | 50.01             | 54.00             | -3.99          | 4.05           | 3           | Horizontal | 8              | 2.77          | -        |

| 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 |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5320MHz                        | Pass   | PK   | 5.3168G      | 107.80            | Inf               | -Inf           | 3.99           | 3           | Horizontal | 8              | 2.77          | -        |
| 5320MHz                        | Pass   | PK   | 5.3522G      | 63.38             | 74.00             | -10.62         | 4.05           | 3           | Horizontal | 8              | 2.77          | -        |
| 5320MHz                        | Pass   | AV   | 10.6403G     | 50.18             | 54.00             | -3.82          | 14.89          | 3           | Vertical   | 45             | 1.77          | -        |
| 5320MHz                        | Pass   | PK   | 10.63586G    | 63.50             | 74.00             | -10.50         | 14.88          | 3           | Vertical   | 45             | 1.77          | -        |
| 5320MHz                        | Pass   | AV   | 10.63898G    | 51.49             | 54.00             | -2.51          | 14.89          | 3           | Horizontal | 302            | 1.78          | -        |
| 5320MHz                        | Pass   | PK   | 10.63778G    | 65.13             | 74.00             | -8.87          | 14.89          | 3           | Horizontal | 302            | 1.78          | -        |
| 5500MHz                        | Pass   | AV   | 5.4598G      | 47.12             | 54.00             | -6.88          | 4.25           | 3           | Vertical   | 245            | 2.77          | -        |
| 5500MHz                        | Pass   | AV   | 5.495G       | 98.25             | Inf               | -Inf           | 4.31           | 3           | Vertical   | 245            | 2.77          | -        |
| 5500MHz                        | Pass   | PK   | 5.4684G      | 65.23             | 68.20             | -2.97          | 4.26           | 3           | Vertical   | 245            | 2.77          | -        |
| 5500MHz                        | Pass   | PK   | 5.4958G      | 108.60            | Inf               | -Inf           | 4.31           | 3           | Vertical   | 245            | 2.77          | -        |
| 5500MHz                        | Pass   | AV   | 5.46G        | 46.72             | 54.00             | -7.28          | 4.25           | 3           | Horizontal | 2              | 2.99          | -        |
| 5500MHz                        | Pass   | AV   | 5.5038G      | 96.53             | Inf               | -Inf           | 4.33           | 3           | Horizontal | 2              | 2.99          | -        |
| 5500MHz                        | Pass   | PK   | 5.4694G      | 64.86             | 68.20             | -3.34          | 4.26           | 3           | Horizontal | 2              | 2.99          | -        |
| 5500MHz                        | Pass   | PK   | 5.5014G      | 107.20            | Inf               | -Inf           | 4.32           | 3           | Horizontal | 2              | 2.99          | -        |
| 5500MHz                        | Pass   | AV   | 10.99928G    | 49.30             | 54.00             | -4.70          | 15.62          | 3           | Vertical   | 277            | 1.70          | -        |
| 5500MHz                        | Pass   | PK   | 10.9955G     | 63.05             | 74.00             | -10.95         | 15.61          | 3           | Vertical   | 277            | 1.70          | -        |
| 5500MHz                        | Pass   | AV   | 11.0039G     | 51.93             | 54.00             | -2.07          | 15.62          | 3           | Horizontal | 145            | 1.64          | -        |
| 5500MHz                        | Pass   | PK   | 11.00132G    | 65.65             | 74.00             | -8.35          | 15.62          | 3           | Horizontal | 145            | 1.64          | -        |
| 5580MHz                        | Pass   | AV   | 5.4318G      | 44.85             | 54.00             | -9.15          | 4.20           | 3           | Vertical   | 247            | 2.56          | -        |
| 5580MHz                        | Pass   | AV   | 5.5752G      | 96.56             | Inf               | -Inf           | 4.44           | 3           | Vertical   | 247            | 2.56          | -        |
| 5580MHz                        | Pass   | PK   | 5.463G       | 56.03             | 68.20             | -12.17         | 4.26           | 3           | Vertical   | 247            | 2.56          | -        |
| 5580MHz                        | Pass   | PK   | 5.5848G      | 107.26            | Inf               | -Inf           | 4.44           | 3           | Vertical   | 247            | 2.56          | -        |
| 5580MHz                        | Pass   | PK   | 5.7282G      | 56.35             | 68.20             | -11.85         | 4.67           | 3           | Vertical   | 247            | 2.56          | -        |
| 5580MHz                        | Pass   | AV   | 5.4354G      | 44.59             | 54.00             | -9.41          | 4.20           | 3           | Horizontal | 2              | 2.92          | -        |
| 5580MHz                        | Pass   | AV   | 5.5848G      | 94.75             | Inf               | -Inf           | 4.44           | 3           | Horizontal | 2              | 2.92          | -        |
| 5580MHz                        | Pass   | PK   | 5.466G       | 57.60             | 68.20             | -10.60         | 4.26           | 3           | Horizontal | 2              | 2.92          | -        |
| 5580MHz                        | Pass   | PK   | 5.5818G      | 105.18            | Inf               | -Inf           | 4.44           | 3           | Horizontal | 2              | 2.92          | -        |
| 5580MHz                        | Pass   | PK   | 5.7294G      | 56.23             | 68.20             | -11.97         | 4.67           | 3           | Horizontal | 2              | 2.92          | -        |
| 5580MHz                        | Pass   | AV   | 11.15922G    | 47.60             | 54.00             | -6.40          | 15.43          | 3           | Vertical   | 340            | 1.49          | -        |
| 5580MHz                        | Pass   | PK   | 11.16078G    | 61.11             | 74.00             | -12.89         | 15.43          | 3           | Vertical   | 340            | 1.49          | -        |
| 5580MHz                        | Pass   | AV   | 11.16126G    | 51.76             | 54.00             | -2.24          | 15.43          | 3           | Horizontal | 137            | 1.75          | -        |
| 5580MHz                        | Pass   | PK   | 11.16768G    | 65.03             | 74.00             | -8.97          | 15.43          | 3           | Horizontal | 137            | 1.75          | -        |
| 5700MHz                        | Pass   | AV   | 5.6936G      | 98.54             | Inf               | -Inf           | 4.62           | 3           | Vertical   | 245            | 2.62          | -        |
| 5700MHz                        | Pass   | PK   | 5.6936G      | 108.94            | Inf               | -Inf           | 4.62           | 3           | Vertical   | 245            | 2.62          | -        |
| 5700MHz                        | Pass   | PK   | 5.7252G      | 64.27             | 68.20             | -3.93          | 4.67           | 3           | Vertical   | 245            | 2.62          | -        |
| 5700MHz                        | Pass   | AV   | 5.6968G      | 95.90             | Inf               | -Inf           | 4.63           | 3           | Horizontal | 0              | 2.92          | -        |
| 5700MHz                        | Pass   | PK   | 5.6952G      | 105.86            | Inf               | -Inf           | 4.62           | 3           | Horizontal | 0              | 2.92          | -        |
| 5700MHz                        | Pass   | PK   | 5.7256G      | 63.25             | 68.20             | -4.95          | 4.67           | 3           | Horizontal | 0              | 2.92          | -        |
| 5700MHz                        | Pass   | PK   | 11.40216G    | 62.30             | 74.00             | -11.70         | 15.16          | 3           | Vertical   | 347            | 1.73          | -        |
| 5700MHz                        | Pass   | AV   | 11.3988G     | 48.91             | 54.00             | -5.09          | 15.16          | 3           | Vertical   | 347            | 1.73          | -        |
| 5700MHz                        | Pass   | AV   | 11.40144G    | 51.94             | 54.00             | -2.06          | 15.16          | 3           | Horizontal | 139            | 1.79          | -        |
| 5700MHz                        | Pass   | PK   | 11.40048G    | 65.33             | 74.00             | -8.67          | 15.16          | 3           | Horizontal | 139            | 1.79          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4524G      | 44.81             | 54.00             | -9.19          | 4.23           | 3           | Vertical   | 244            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7164G      | 97.88             | Inf               | -Inf           | 4.66           | 3           | Vertical   | 244            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4644G      | 56.80             | 68.20             | -11.40         | 4.26           | 3           | Vertical   | 244            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.714G       | 108.03            | Inf               | -Inf           | 4.66           | 3           | Vertical   | 244            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.9888G      | 57.51             | 68.20             | -10.69         | 5.08           | 3           | Vertical   | 244            | 2.58          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4452G      | 44.71             | 54.00             | -9.29          | 4.22           | 3           | Horizontal | 358            | 2.80          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7152G      | 95.23             | Inf               | -Inf           | 4.66           | 3           | Horizontal | 358            | 2.80          | -        |



## RSE TX above 1GHz Result

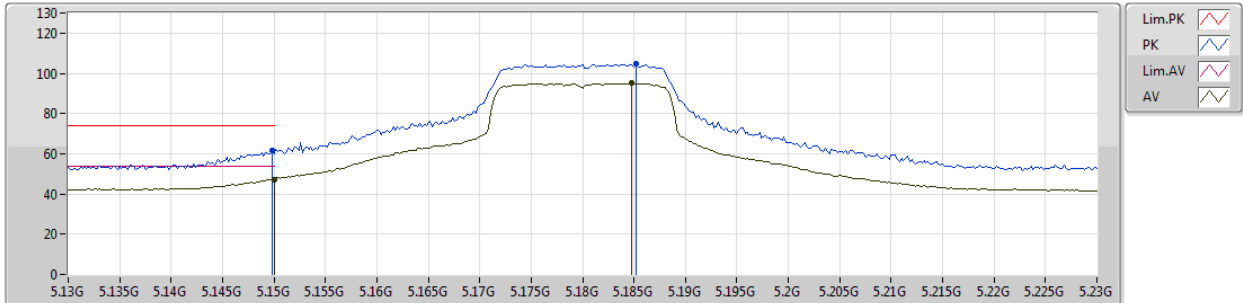
## Appendix E.2

| 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 |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4656G      | 56.84             | 68.20             | -11.36         | 4.26           | 3           | Horizontal | 358            | 2.80          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7152G      | 104.67            | Inf               | -Inf           | 4.66           | 3           | Horizontal | 358            | 2.80          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.9504G      | 57.48             | 68.20             | -10.72         | 5.02           | 3           | Horizontal | 358            | 2.80          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44138G    | 49.24             | 54.00             | -4.76          | 15.11          | 3           | Vertical   | 342            | 1.77          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43652G    | 63.04             | 74.00             | -10.96         | 15.12          | 3           | Vertical   | 342            | 1.77          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44162G    | 51.74             | 54.00             | -2.26          | 15.11          | 3           | Horizontal | 137            | 1.69          | -        |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43886G    | 65.01             | 74.00             | -8.99          | 15.11          | 3           | Horizontal | 137            | 1.69          | -        |
| 5745MHz                        | Pass   | AV   | 5.7498G      | 97.98             | Inf               | -Inf           | 4.71           | 3           | Vertical   | 249            | 2.56          | -        |
| 5745MHz                        | Pass   | PK   | 5.463G       | 57.68             | 68.20             | -10.52         | 4.26           | 3           | Vertical   | 249            | 2.56          | -        |
| 5745MHz                        | Pass   | PK   | 5.7462G      | 107.86            | Inf               | -Inf           | 4.70           | 3           | Vertical   | 249            | 2.56          | -        |
| 5745MHz                        | Pass   | PK   | 5.943G       | 57.55             | 68.20             | -10.65         | 5.02           | 3           | Vertical   | 249            | 2.56          | -        |
| 5745MHz                        | Pass   | AV   | 5.7474G      | 95.12             | Inf               | -Inf           | 4.71           | 3           | Horizontal | 359            | 2.78          | -        |
| 5745MHz                        | Pass   | PK   | 5.559G       | 57.97             | 68.20             | -10.23         | 4.40           | 3           | Horizontal | 359            | 2.78          | -        |
| 5745MHz                        | Pass   | PK   | 5.7474G      | 105.20            | Inf               | -Inf           | 4.71           | 3           | Horizontal | 359            | 2.78          | -        |
| 5745MHz                        | Pass   | PK   | 5.9622G      | 57.62             | 68.20             | -10.58         | 5.04           | 3           | Horizontal | 359            | 2.78          | -        |
| 5745MHz                        | Pass   | AV   | 11.48868G    | 50.36             | 54.00             | -3.64          | 15.05          | 3           | Vertical   | 345            | 1.94          | -        |
| 5745MHz                        | Pass   | PK   | 11.48886G    | 64.03             | 74.00             | -9.97          | 15.05          | 3           | Vertical   | 345            | 1.94          | -        |
| 5745MHz                        | Pass   | AV   | 11.49048G    | 51.83             | 54.00             | -2.17          | 15.05          | 3           | Horizontal | 139            | 1.75          | -        |
| 5745MHz                        | Pass   | PK   | 11.49126G    | 65.13             | 74.00             | -8.87          | 15.05          | 3           | Horizontal | 139            | 1.75          | -        |
| 5785MHz                        | Pass   | AV   | 5.7802G      | 98.33             | Inf               | -Inf           | 4.75           | 3           | Vertical   | 250            | 2.53          | -        |
| 5785MHz                        | Pass   | PK   | 5.5798G      | 57.72             | 68.20             | -10.48         | 4.44           | 3           | Vertical   | 250            | 2.53          | -        |
| 5785MHz                        | Pass   | PK   | 5.779G       | 108.77            | Inf               | -Inf           | 4.75           | 3           | Vertical   | 250            | 2.53          | -        |
| 5785MHz                        | Pass   | PK   | 5.9494G      | 57.85             | 68.20             | -10.35         | 5.03           | 3           | Vertical   | 250            | 2.53          | -        |
| 5785MHz                        | Pass   | AV   | 5.7802G      | 95.92             | Inf               | -Inf           | 4.75           | 3           | Horizontal | 1              | 2.99          | -        |
| 5785MHz                        | Pass   | PK   | 5.563G       | 57.74             | 68.20             | -10.46         | 4.42           | 3           | Horizontal | 1              | 2.99          | -        |
| 5785MHz                        | Pass   | PK   | 5.7838G      | 105.92            | Inf               | -Inf           | 4.76           | 3           | Horizontal | 1              | 2.99          | -        |
| 5785MHz                        | Pass   | PK   | 5.9638G      | 58.71             | 68.20             | -9.49          | 5.05           | 3           | Horizontal | 1              | 2.99          | -        |
| 5785MHz                        | Pass   | AV   | 11.56916G    | 51.65             | 54.00             | -2.35          | 14.96          | 3           | Vertical   | 30             | 2.99          | -        |
| 5785MHz                        | Pass   | PK   | 11.56796G    | 65.46             | 74.00             | -8.54          | 14.96          | 3           | Vertical   | 30             | 2.99          | -        |
| 5785MHz                        | Pass   | AV   | 11.5721G     | 48.83             | 54.00             | -5.17          | 14.95          | 3           | Horizontal | 12             | 1.72          | -        |
| 5785MHz                        | Pass   | PK   | 11.57942G    | 63.45             | 74.00             | -10.55         | 14.95          | 3           | Horizontal | 12             | 1.72          | -        |
| 5825MHz                        | Pass   | AV   | 5.8202G      | 98.25             | Inf               | -Inf           | 4.82           | 3           | Vertical   | 244            | 2.52          | -        |
| 5825MHz                        | Pass   | PK   | 5.6078G      | 57.47             | 68.20             | -10.73         | 4.48           | 3           | Vertical   | 244            | 2.52          | -        |
| 5825MHz                        | Pass   | PK   | 5.8262G      | 108.42            | Inf               | -Inf           | 4.83           | 3           | Vertical   | 244            | 2.52          | -        |
| 5825MHz                        | Pass   | PK   | 5.9738G      | 58.24             | 68.20             | -9.96          | 5.06           | 3           | Vertical   | 244            | 2.52          | -        |
| 5825MHz                        | Pass   | AV   | 5.8202G      | 95.53             | Inf               | -Inf           | 4.82           | 3           | Horizontal | 359            | 2.83          | -        |
| 5825MHz                        | Pass   | PK   | 5.5838G      | 57.64             | 68.20             | -10.56         | 4.44           | 3           | Horizontal | 359            | 2.83          | -        |
| 5825MHz                        | Pass   | PK   | 5.8202G      | 105.75            | Inf               | -Inf           | 4.82           | 3           | Horizontal | 359            | 2.83          | -        |
| 5825MHz                        | Pass   | PK   | 5.9882G      | 57.35             | 68.20             | -10.85         | 5.08           | 3           | Horizontal | 359            | 2.83          | -        |
| 5825MHz                        | Pass   | AV   | 11.6506G     | 51.87             | 54.00             | -2.13          | 14.87          | 3           | Vertical   | 15             | 1.01          | -        |
| 5825MHz                        | Pass   | PK   | 11.65036G    | 66.36             | 74.00             | -7.64          | 14.87          | 3           | Vertical   | 15             | 1.01          | -        |
| 5825MHz                        | Pass   | AV   | 11.64958G    | 50.59             | 54.00             | -3.41          | 14.87          | 3           | Horizontal | 315            | 1.78          | -        |
| 5825MHz                        | Pass   | PK   | 11.65096G    | 64.25             | 74.00             | -9.75          | 14.87          | 3           | Horizontal | 315            | 1.78          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

### 5180MHz\_TX

19/11/2018

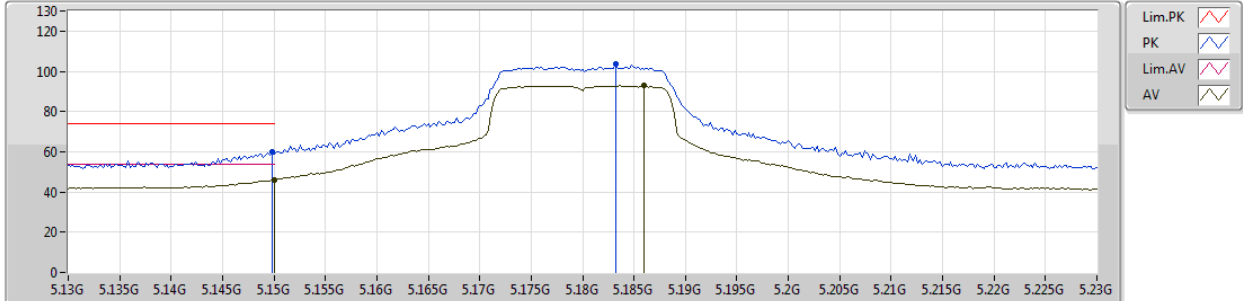


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.15G        | 47.07             | 54.00             | -6.93          | 2.74           | 3           | Vertical  | 271            | 2.66          | -        |
| AV   | 5.1848G      | 94.98             | Inf               | -Inf           | 2.78           | 3           | Vertical  | 271            | 2.66          | -        |
| PK   | 5.1498G      | 61.39             | 74.00             | -12.61         | 2.74           | 3           | Vertical  | 271            | 2.66          | -        |
| PK   | 5.1852G      | 104.63            | Inf               | -Inf           | 2.78           | 3           | Vertical  | 271            | 2.66          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

### 5180MHz\_TX

19/11/2018

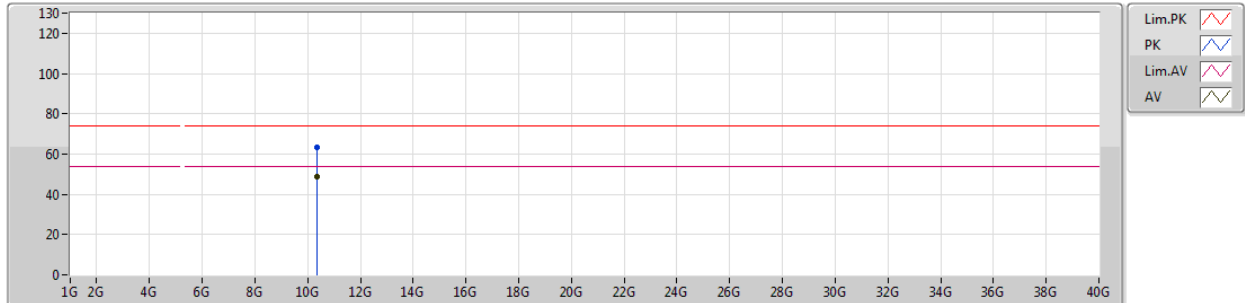


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.15G        | 46.08             | 54.00             | -7.92          | 2.74           | 3           | Horizontal | 3              | 1.61          | -        |
| AV   | 5.186G       | 92.90             | Inf               | -Inf           | 2.78           | 3           | Horizontal | 3              | 1.61          | -        |
| PK   | 5.1498G      | 60.09             | 74.00             | -13.91         | 2.74           | 3           | Horizontal | 3              | 1.61          | -        |
| PK   | 5.1832G      | 103.87            | Inf               | -Inf           | 2.78           | 3           | Horizontal | 3              | 1.61          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5180MHz\_TX



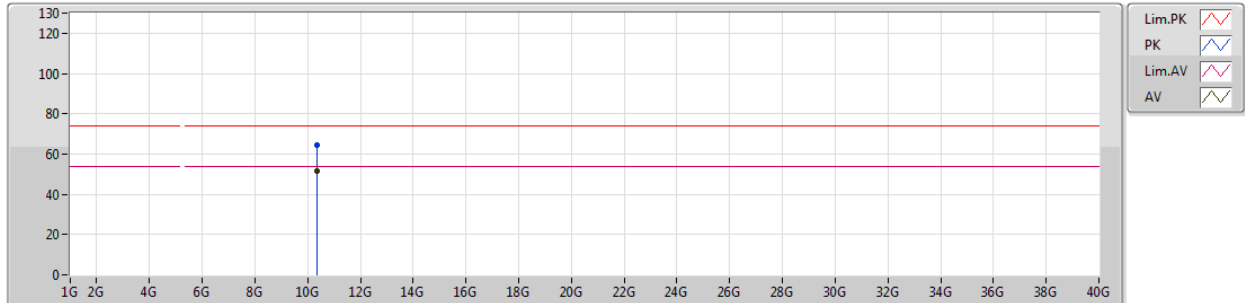
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.35778G    | 48.90             | 54.00             | -5.10          | 12.63          | 3           | Vertical  | 52             | 1.81          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.36012G    | 63.26             | 74.00             | -10.74         | 12.63          | 3           | Vertical  | 52             | 1.81          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5180MHz\_TX

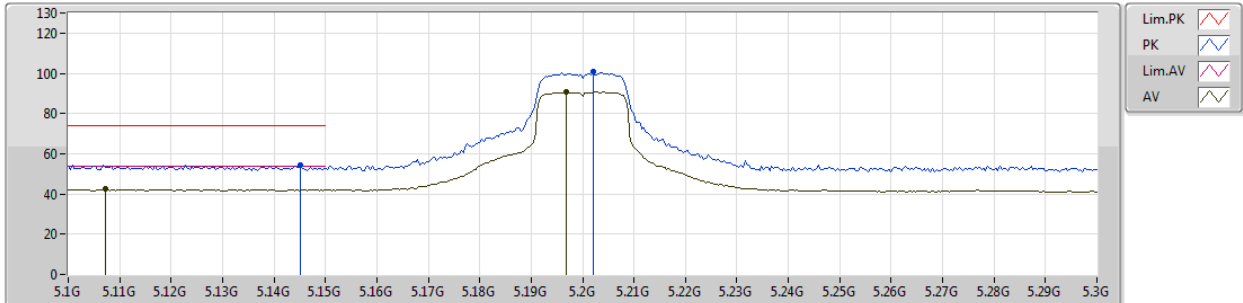


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.36132G    | 51.30             | 54.00             | -2.70          | 12.64          | 3           | Horizontal | 305            | 1.78          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.36018G    | 64.47             | 74.00             | -9.53          | 12.63          | 3           | Horizontal | 305            | 1.78          | -        |  |  |  |  |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5200MHz\_TX

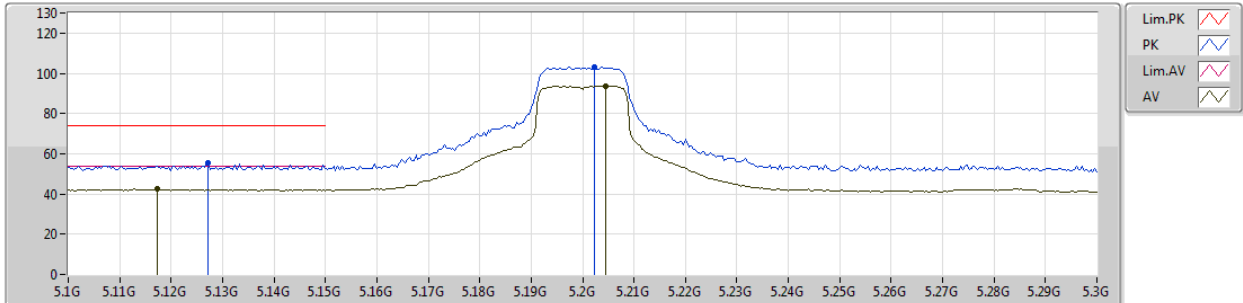


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 5.1072G      | 42.35             | 54.00             | -11.65         | 2.69           | 3           | Vertical  | 97             | 2.13          | -        |  |  |  |  |  |  |  |  |
| AV   | 5.1968G      | 90.73             | Inf               | -Inf           | 2.80           | 3           | Vertical  | 97             | 2.13          | -        |  |  |  |  |  |  |  |  |
| PK   | 5.1452G      | 54.30             | 74.00             | -19.70         | 2.74           | 3           | Vertical  | 97             | 2.13          | -        |  |  |  |  |  |  |  |  |
| PK   | 5.202G       | 100.86            | Inf               | -Inf           | 2.80           | 3           | Vertical  | 97             | 2.13          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5200MHz\_TX

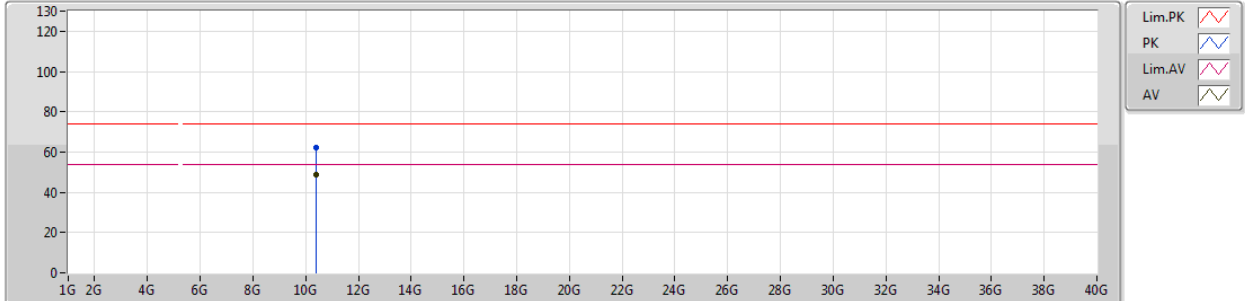


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 5.1172G      | 42.32             | 54.00             | -11.68         | 2.70           | 3           | Horizontal | 1              | 1.95          | -        |  |  |  |  |  |  |  |  |
| AV   | 5.2044G      | 93.72             | Inf               | -Inf           | 2.80           | 3           | Horizontal | 1              | 1.95          | -        |  |  |  |  |  |  |  |  |
| PK   | 5.1272G      | 55.38             | 74.00             | -18.62         | 2.72           | 3           | Horizontal | 1              | 1.95          | -        |  |  |  |  |  |  |  |  |
| PK   | 5.2024G      | 103.15            | Inf               | -Inf           | 2.80           | 3           | Horizontal | 1              | 1.95          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5200MHz\_TX

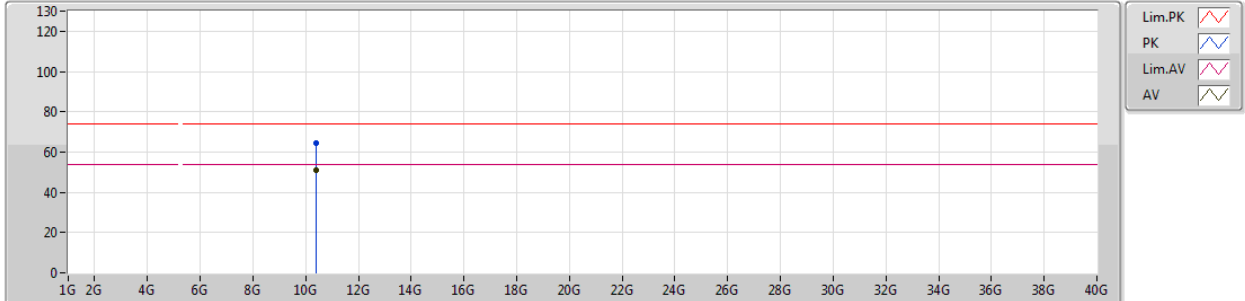


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.39868G    | 48.62             | 54.00             | -5.38          | 12.73          | 3           | Vertical  | 55             | 1.81          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.39856G    | 62.23             | 74.00             | -11.77         | 12.73          | 3           | Vertical  | 55             | 1.81          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5200MHz\_TX

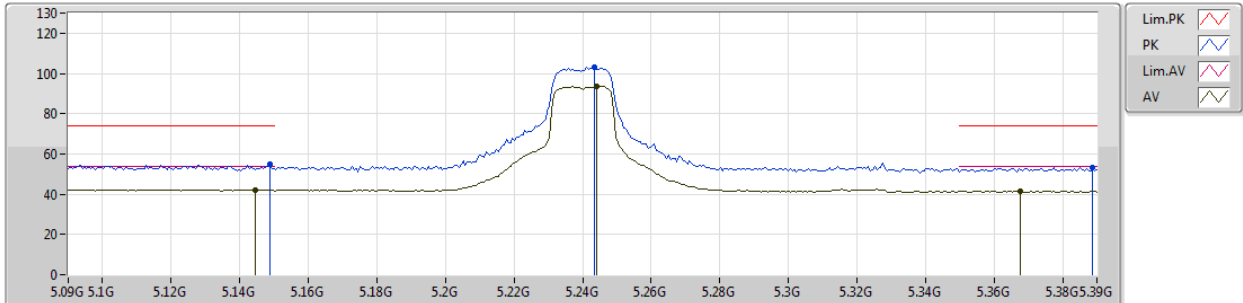


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.4G        | 51.19             | 54.00             | -2.81          | 12.73          | 3           | Horizontal | 308            | 1.66          | -        |
| PK   | 10.40006G    | 64.21             | 74.00             | -9.79          | 12.73          | 3           | Horizontal | 308            | 1.66          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5240MHz\_TX

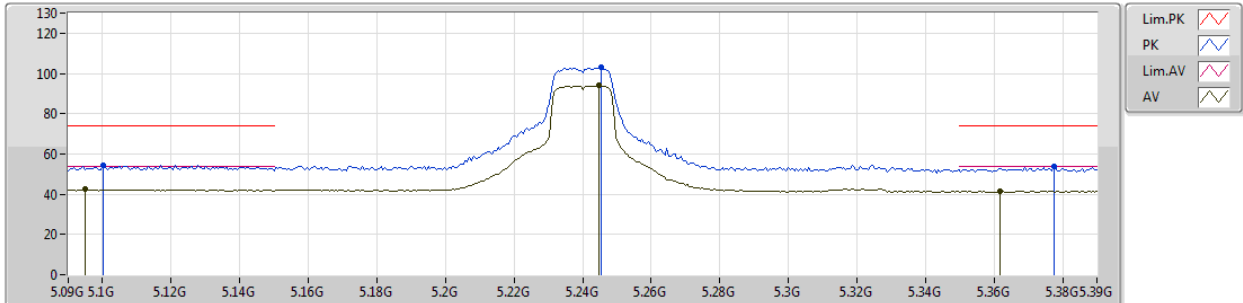


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.1446G      | 42.18             | 54.00             | -11.82         | 2.74           | 3           | Vertical  | 288            | 2.74          | -        |
| AV   | 5.2442G      | 93.55             | Inf               | -Inf           | 2.85           | 3           | Vertical  | 288            | 2.74          | -        |
| AV   | 5.3678G      | 41.58             | 54.00             | -12.42         | 2.99           | 3           | Vertical  | 288            | 2.74          | -        |
| PK   | 5.1488G      | 54.78             | 74.00             | -19.22         | 2.74           | 3           | Vertical  | 288            | 2.74          | -        |
| PK   | 5.2436G      | 102.98            | Inf               | -Inf           | 2.85           | 3           | Vertical  | 288            | 2.74          | -        |
| PK   | 5.3888G      | 53.41             | 74.00             | -20.59         | 3.01           | 3           | Vertical  | 288            | 2.74          | -        |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5240MHz\_TX

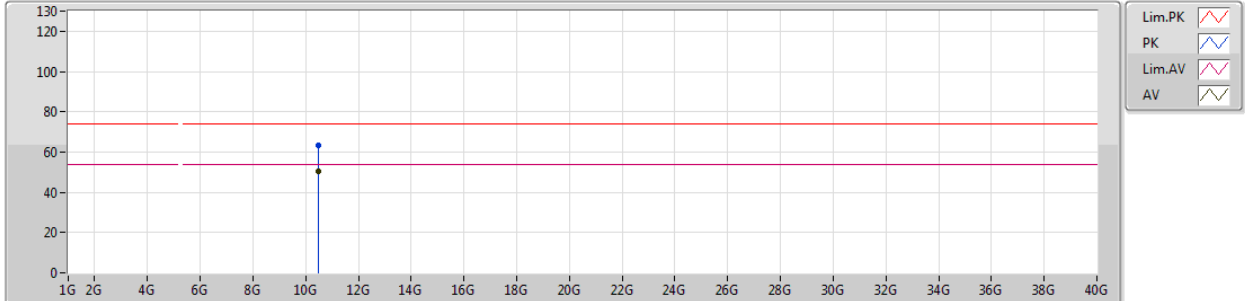


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.0948G      | 42.35             | 54.00             | -11.65         | 2.68           | 3           | Horizontal | 359            | 1.85          | -        |
| AV   | 5.2448G      | 94.01             | Inf               | -Inf           | 2.85           | 3           | Horizontal | 359            | 1.85          | -        |
| AV   | 5.3618G      | 41.51             | 54.00             | -12.49         | 2.98           | 3           | Horizontal | 359            | 1.85          | -        |
| PK   | 5.1002G      | 54.63             | 74.00             | -19.37         | 2.68           | 3           | Horizontal | 359            | 1.85          | -        |
| PK   | 5.2454G      | 102.89            | Inf               | -Inf           | 2.85           | 3           | Horizontal | 359            | 1.85          | -        |
| PK   | 5.3774G      | 53.92             | 74.00             | -20.08         | 3.00           | 3           | Horizontal | 359            | 1.85          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5240MHz\_TX



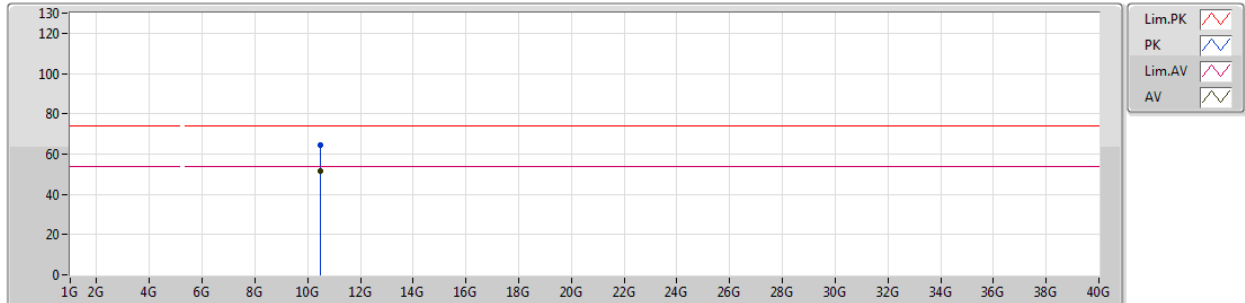
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.47946G    | 50.25             | 54.00             | -3.75          | 12.90          | 3           | Vertical  | 359            | 1.87          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.48054G    | 63.20             | 74.00             | -10.80         | 12.90          | 3           | Vertical  | 359            | 1.87          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5240MHz\_TX

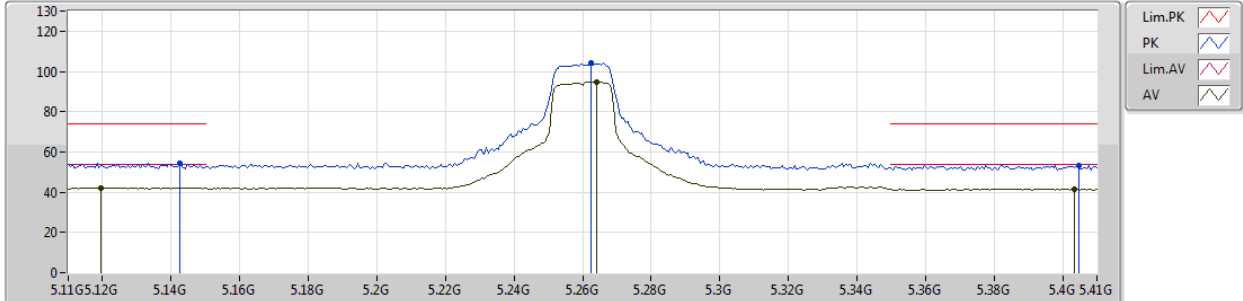


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.47928G    | 51.53             | 54.00             | -2.47          | 12.90          | 3           | Horizontal | 305            | 1.86          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.4785G     | 64.38             | 74.00             | -9.62          | 12.90          | 3           | Horizontal | 305            | 1.86          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5260MHz\_TX

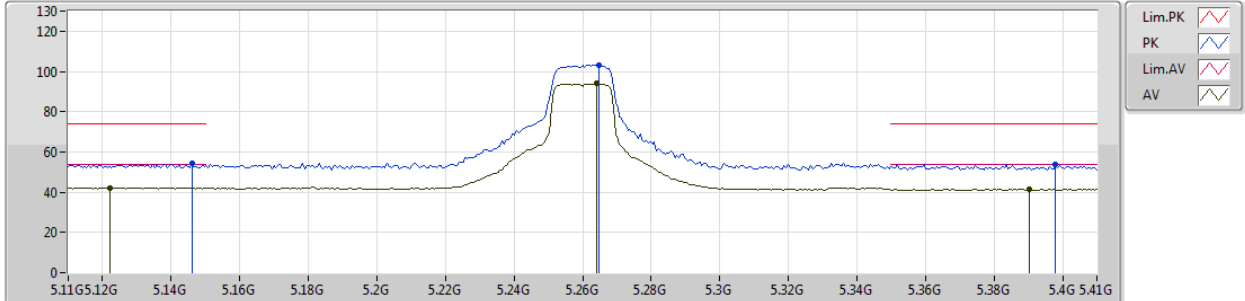


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.1196G      | 42.16             | 54.00             | -11.84         | 2.70           | 3           | Vertical  | 271            | 2.71          | -        |
| AV   | 5.2642G      | 94.90             | Inf               | -Inf           | 2.87           | 3           | Vertical  | 271            | 2.71          | -        |
| AV   | 5.4034G      | 41.71             | 54.00             | -12.29         | 3.03           | 3           | Vertical  | 271            | 2.71          | -        |
| PK   | 5.1424G      | 54.63             | 74.00             | -19.37         | 2.74           | 3           | Vertical  | 271            | 2.71          | -        |
| PK   | 5.2624G      | 104.06            | Inf               | -Inf           | 2.87           | 3           | Vertical  | 271            | 2.71          | -        |
| PK   | 5.4046G      | 53.47             | 74.00             | -20.53         | 3.03           | 3           | Vertical  | 271            | 2.71          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5260MHz\_TX

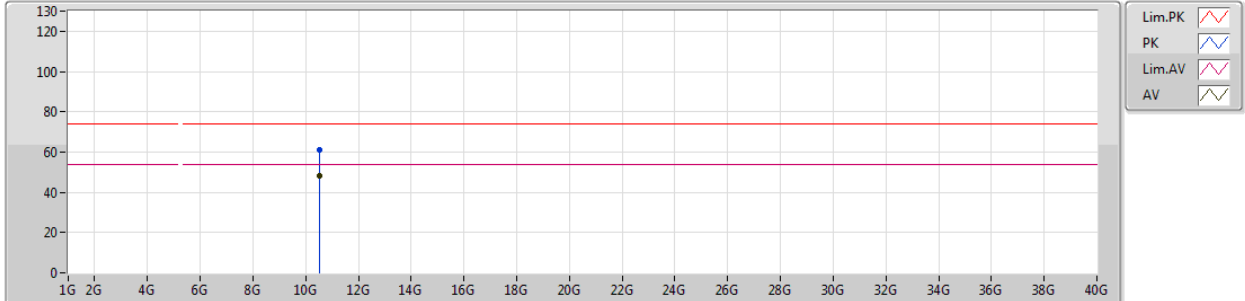


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.122G       | 42.29             | 54.00             | -11.71         | 2.71           | 3           | Horizontal | 358            | 1.96          | -        |
| AV   | 5.2642G      | 94.06             | Inf               | -Inf           | 2.87           | 3           | Horizontal | 358            | 1.96          | -        |
| AV   | 5.3902G      | 41.71             | 54.00             | -12.29         | 3.01           | 3           | Horizontal | 358            | 1.96          | -        |
| PK   | 5.146G       | 54.44             | 74.00             | -19.56         | 2.74           | 3           | Horizontal | 358            | 1.96          | -        |
| PK   | 5.2648G      | 103.24            | Inf               | -Inf           | 2.88           | 3           | Horizontal | 358            | 1.96          | -        |
| PK   | 5.398G       | 53.89             | 74.00             | -20.11         | 3.03           | 3           | Horizontal | 358            | 1.96          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5260MHz\_TX

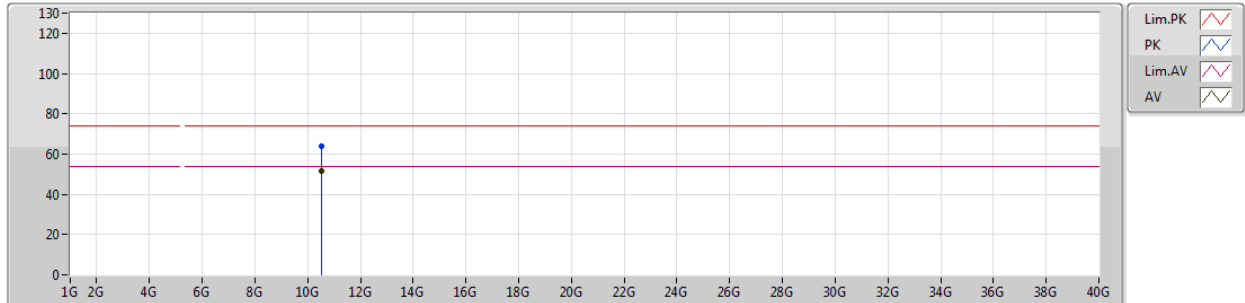


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.5194G     | 48.31             | 54.00             | -5.69          | 12.98          | 3           | Vertical  | 52             | 1.00          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.52216G    | 61.23             | 74.00             | -12.77         | 12.98          | 3           | Vertical  | 52             | 1.00          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5260MHz\_TX

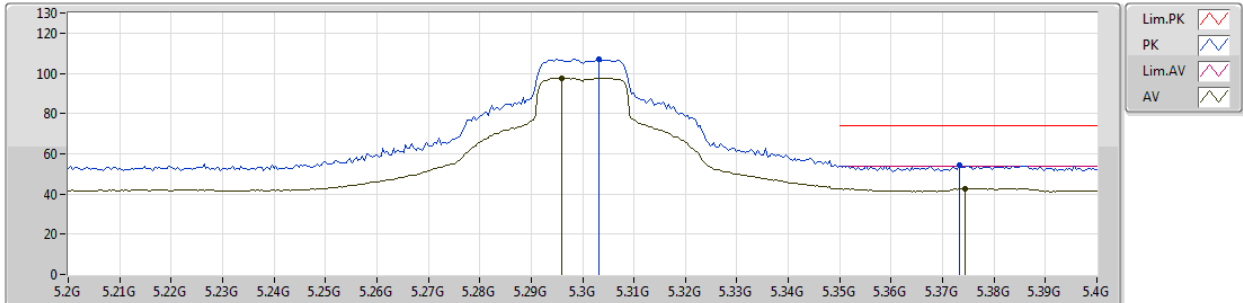


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.52054G    | 51.28             | 54.00             | -2.72          | 12.98          | 3           | Horizontal | 307            | 1.71          | -        |
| PK   | 10.51826G    | 63.99             | 74.00             | -10.01         | 12.98          | 3           | Horizontal | 307            | 1.71          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5300MHz\_TX

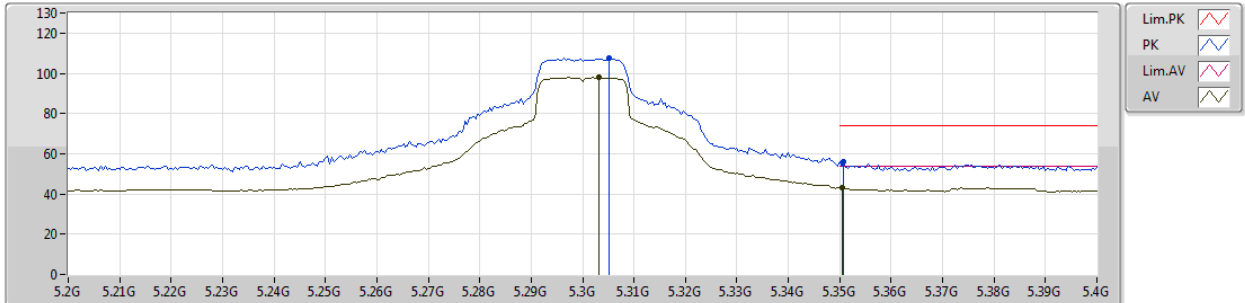


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.296G       | 97.46             | Inf               | -Inf           | 2.91           | 3           | Vertical  | 282            | 2.83          | -        |
| AV   | 5.3744G      | 42.80             | 54.00             | -11.20         | 2.99           | 3           | Vertical  | 282            | 2.83          | -        |
| PK   | 5.3032G      | 107.08            | Inf               | -Inf           | 2.91           | 3           | Vertical  | 282            | 2.83          | -        |
| PK   | 5.3732G      | 54.12             | 74.00             | -19.88         | 2.99           | 3           | Vertical  | 282            | 2.83          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5300MHz\_TX

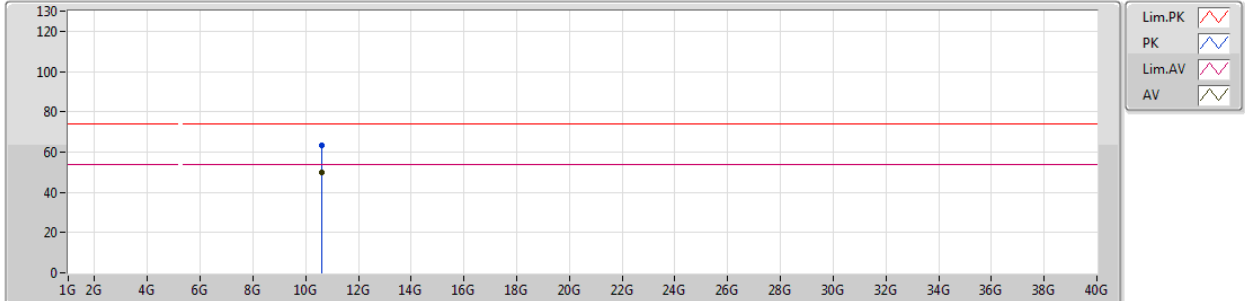


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.3032G      | 97.95             | Inf               | -Inf           | 2.91           | 3           | Horizontal | 356            | 1.82          | -        |
| AV   | 5.3504G      | 42.97             | 54.00             | -11.03         | 2.97           | 3           | Horizontal | 356            | 1.82          | -        |
| PK   | 5.3052G      | 107.48            | Inf               | -Inf           | 2.91           | 3           | Horizontal | 356            | 1.82          | -        |
| PK   | 5.3508G      | 56.27             | 74.00             | -17.73         | 2.97           | 3           | Horizontal | 356            | 1.82          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5300MHz\_TX



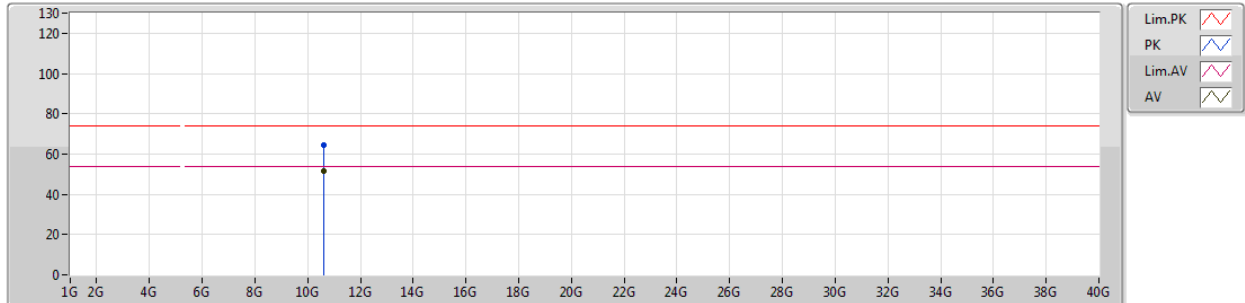
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.60114G    | 50.11             | 54.00             | -3.89          | 13.15          | 3           | Vertical  | 46             | 1.83          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.60366G    | 63.17             | 74.00             | -10.83         | 13.17          | 3           | Vertical  | 46             | 1.83          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5300MHz\_TX

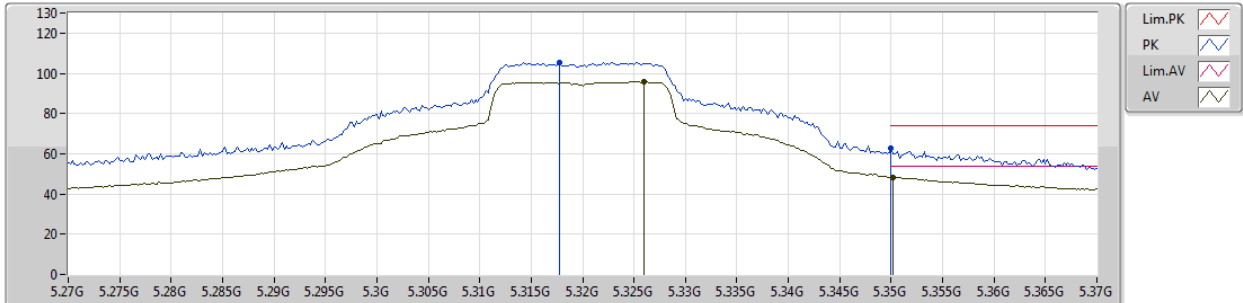


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.60054G    | 51.71             | 54.00             | -2.29          | 13.15          | 3           | Horizontal | 295            | 1.50          | -        |
| PK   | 10.5988G     | 64.20             | 74.00             | -9.80          | 13.15          | 3           | Horizontal | 295            | 1.50          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

### 5320MHz\_TX

19/11/2018

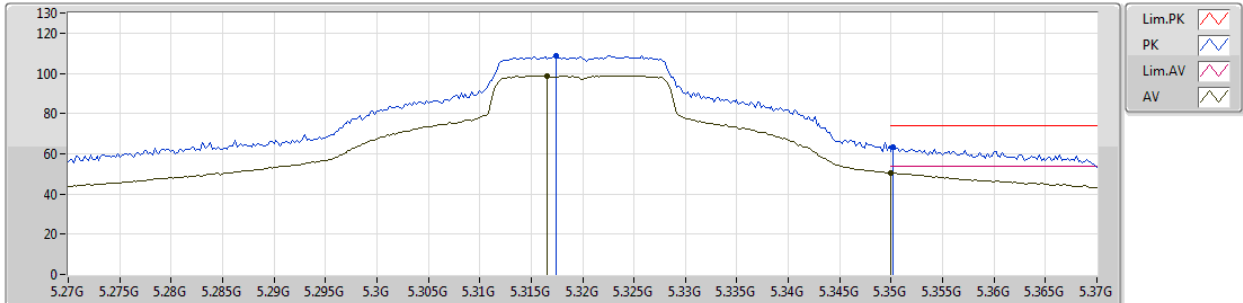


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.326G       | 95.93             | Inf               | -Inf           | 2.95           | 3           | Vertical  | 284            | 1.76          | -        |
| AV   | 5.3502G      | 48.40             | 54.00             | -5.60          | 2.97           | 3           | Vertical  | 284            | 1.76          | -        |
| PK   | 5.3178G      | 105.48            | Inf               | -Inf           | 2.93           | 3           | Vertical  | 284            | 1.76          | -        |
| PK   | 5.35G        | 62.54             | 74.00             | -11.46         | 2.97           | 3           | Vertical  | 284            | 1.76          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

### 5320MHz\_TX

19/11/2018

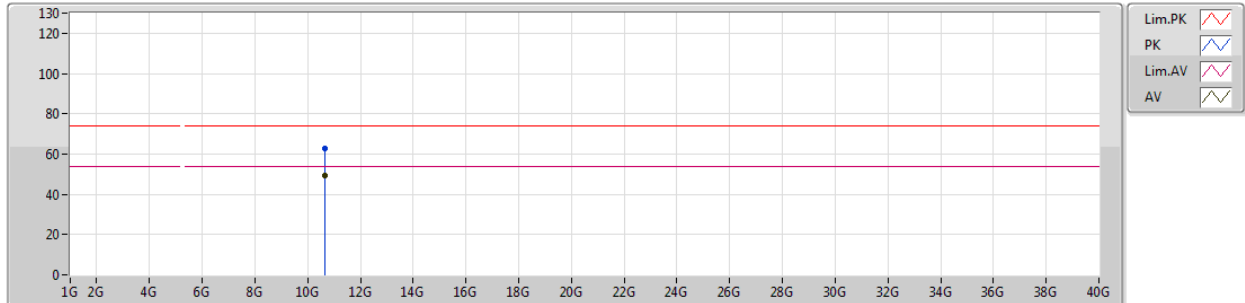


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.3166G      | 98.81             | Inf               | -Inf           | 2.93           | 3           | Horizontal | 351            | 1.78          | -        |
| AV   | 5.35G        | 50.24             | 54.00             | -3.76          | 2.97           | 3           | Horizontal | 351            | 1.78          | -        |
| PK   | 5.3174G      | 108.60            | Inf               | -Inf           | 2.93           | 3           | Horizontal | 351            | 1.78          | -        |
| PK   | 5.3502G      | 63.42             | 74.00             | -10.58         | 2.97           | 3           | Horizontal | 351            | 1.78          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5320MHz\_TX

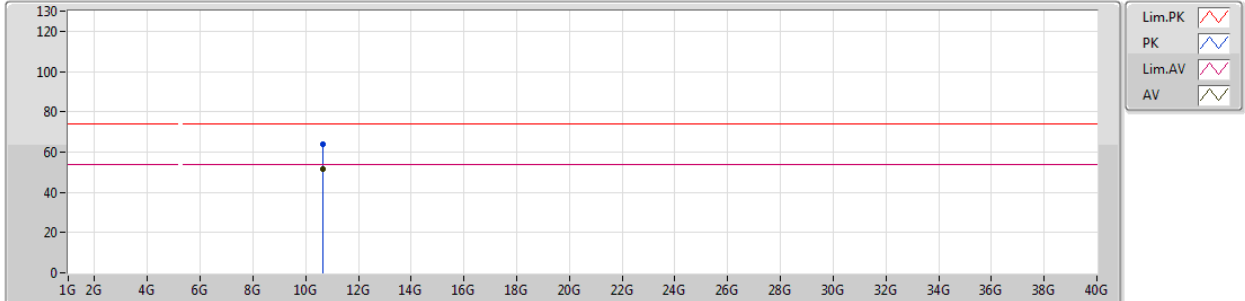


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.6409G     | 49.57             | 54.00             | -4.43          | 13.25          | 3           | Vertical  | 31             | 1.79          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.63838G    | 62.84             | 74.00             | -11.16         | 13.24          | 3           | Vertical  | 31             | 1.79          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5320MHz\_TX

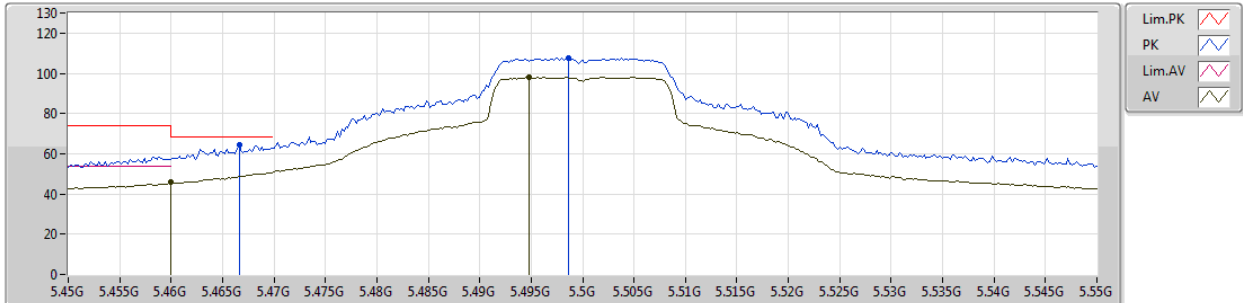


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.64084G    | 51.52             | 54.00             | -2.48          | 13.25          | 3           | Horizontal | 301            | 1.68          | -        |
| PK   | 10.64054G    | 63.75             | 74.00             | -10.25         | 13.25          | 3           | Horizontal | 301            | 1.68          | -        |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5500MHz\_TX

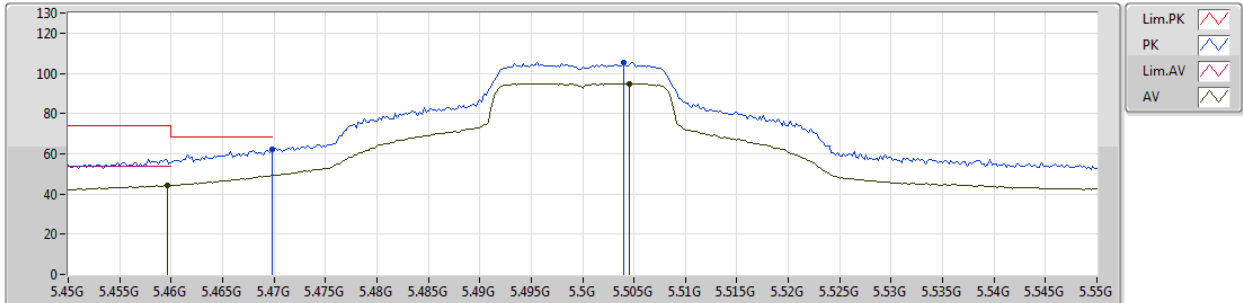


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.46 G       | 45.80             | 54.00             | -8.20          | 3.10           | 3           | Vertical  | 263            | 2.64          | -        |
| AV   | 5.4948 G     | 98.05             | Inf               | -Inf           | 3.14           | 3           | Vertical  | 263            | 2.64          | -        |
| PK   | 5.4666 G     | 64.37             | 68.20             | -3.83          | 3.11           | 3           | Vertical  | 263            | 2.64          | -        |
| PK   | 5.4986 G     | 107.67            | Inf               | -Inf           | 3.14           | 3           | Vertical  | 263            | 2.64          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5500MHz\_TX

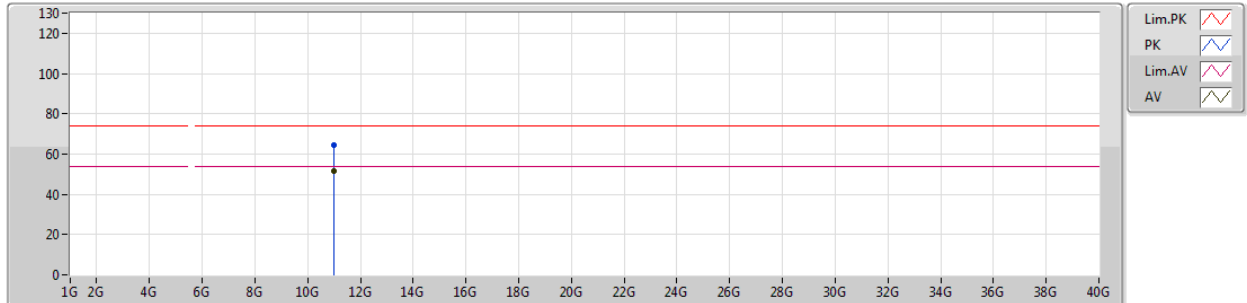


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.4596G      | 44.29             | 54.00             | -9.71          | 3.10           | 3           | Horizontal | 351            | 1.72          | -        |
| AV   | 5.5046G      | 94.90             | Inf               | -Inf           | 3.15           | 3           | Horizontal | 351            | 1.72          | -        |
| PK   | 5.4698G      | 62.09             | 68.20             | -6.11          | 3.11           | 3           | Horizontal | 351            | 1.72          | -        |
| PK   | 5.504G       | 105.32            | Inf               | -Inf           | 3.15           | 3           | Horizontal | 351            | 1.72          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5500MHz\_TX



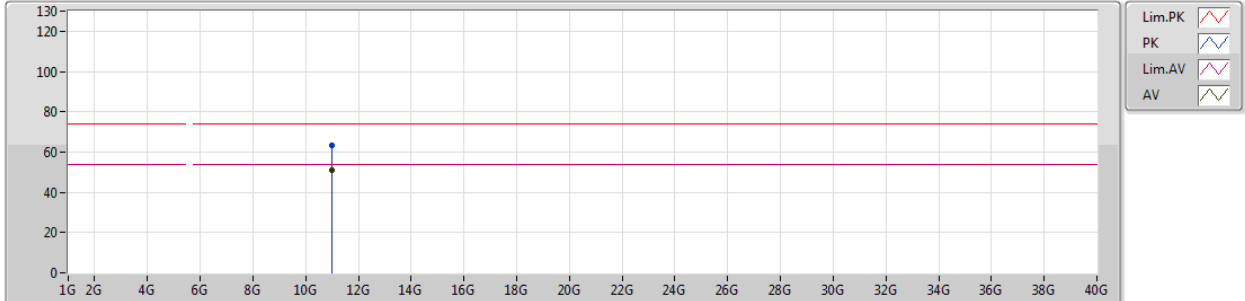
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.9994G     | 51.34             | 54.00             | -2.66          | 14.03          | 3           | Vertical  | 258            | 1.71          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.00024G    | 64.59             | 74.00             | -9.41          | 14.03          | 3           | Vertical  | 258            | 1.71          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5500MHz\_TX

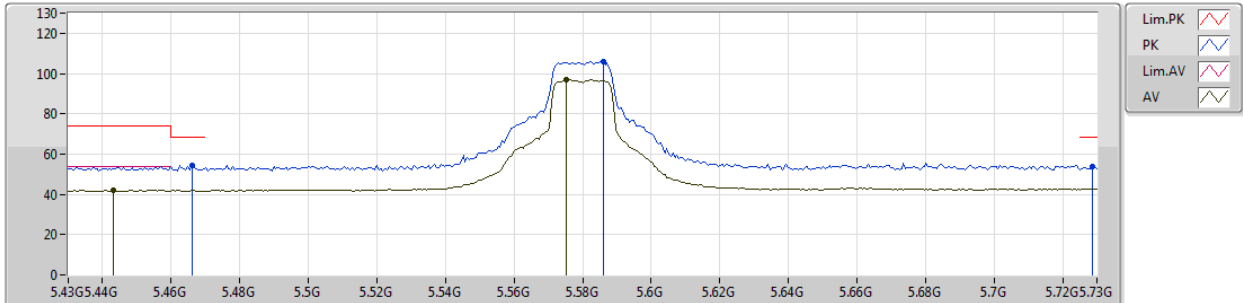


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.99952G    | 50.73             | 54.00             | -3.27          | 14.03          | 3           | Horizontal | 330            | 1.59          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.00558G    | 63.45             | 74.00             | -10.55         | 14.02          | 3           | Horizontal | 330            | 1.59          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5580MHz\_TX

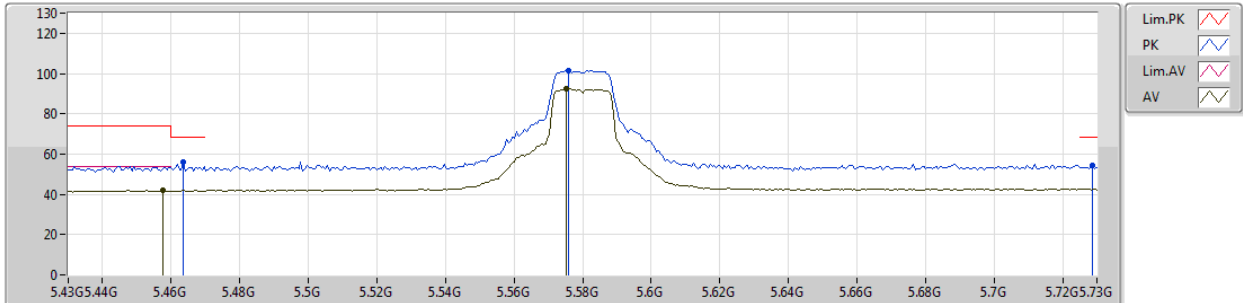


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.4432G      | 42.08             | 54.00             | -11.92         | 3.08           | 3           | Vertical  | 261            | 2.59          | -        |
| AV   | 5.5752G      | 96.97             | Inf               | -Inf           | 3.29           | 3           | Vertical  | 261            | 2.59          | -        |
| PK   | 5.466G       | 54.25             | 68.20             | -13.95         | 3.11           | 3           | Vertical  | 261            | 2.59          | -        |
| PK   | 5.586G       | 106.03            | Inf               | -Inf           | 3.31           | 3           | Vertical  | 261            | 2.59          | -        |
| PK   | 5.7288G      | 53.98             | 74.00             | -20.02         | 3.59           | 3           | Vertical  | 261            | 2.59          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5580MHz\_TX

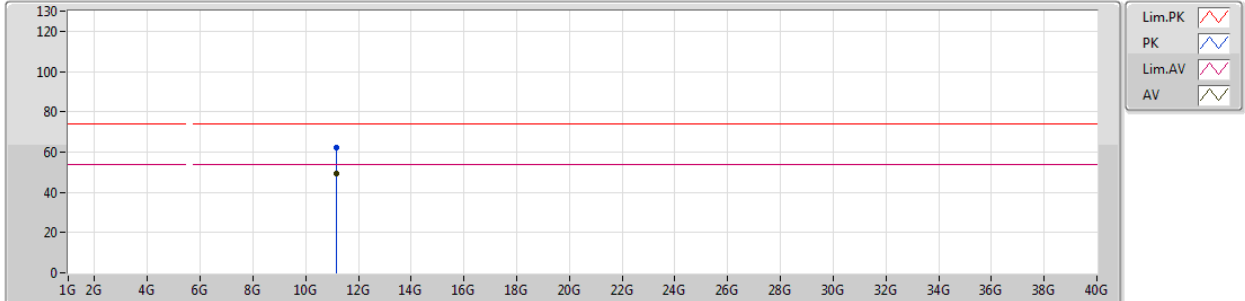


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.4576G      | 41.82             | 54.00             | -12.18         | 3.09           | 3           | Horizontal | 358            | 1.48          | -        |
| AV   | 5.5752G      | 92.42             | Inf               | -Inf           | 3.29           | 3           | Horizontal | 358            | 1.48          | -        |
| PK   | 5.4636G      | 55.91             | 68.20             | -12.29         | 3.10           | 3           | Horizontal | 358            | 1.48          | -        |
| PK   | 5.5758G      | 101.52            | Inf               | -Inf           | 3.29           | 3           | Horizontal | 358            | 1.48          | -        |
| PK   | 5.7288G      | 54.42             | 68.20             | -13.78         | 3.59           | 3           | Horizontal | 358            | 1.48          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5580MHz\_TX

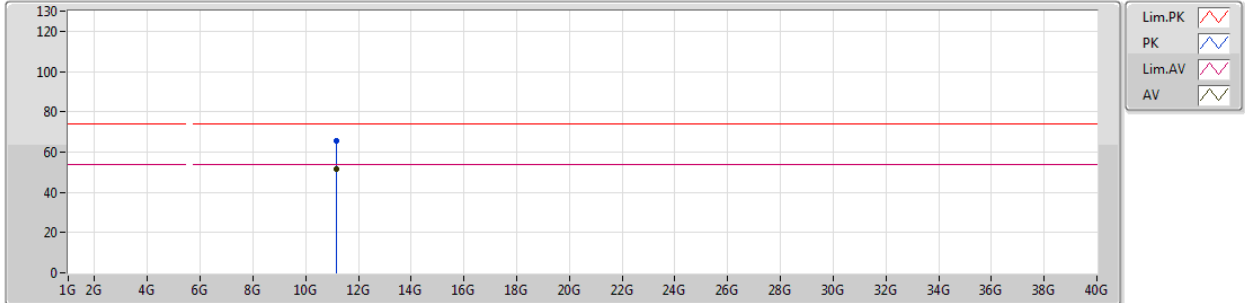


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.1597G     | 49.33             | 54.00             | -4.67          | 13.89          | 3           | Vertical  | 326            | 1.86          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.15628G    | 62.09             | 74.00             | -11.91         | 13.89          | 3           | Vertical  | 326            | 1.86          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5580MHz\_TX

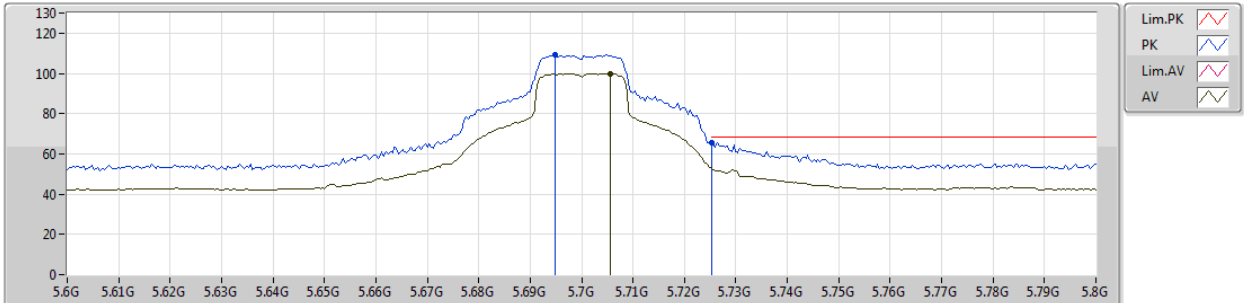


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.15934G    | 51.29             | 54.00             | -2.71          | 13.89          | 3           | Horizontal | 119            | 1.72          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.16012G    | 65.36             | 74.00             | -8.64          | 13.89          | 3           | Horizontal | 119            | 1.72          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5700MHz\_TX

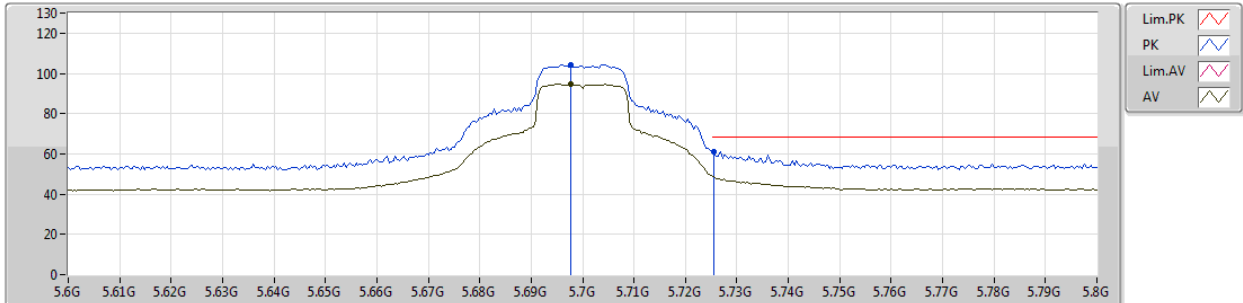


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.7056G      | 99.80             | Inf               | -Inf           | 3.55           | 3           | Vertical  | 260            | 2.48          | -        |
| PK   | 5.6948G      | 109.53            | Inf               | -Inf           | 3.53           | 3           | Vertical  | 260            | 2.48          | -        |
| PK   | 5.7252G      | 65.57             | 68.20             | -2.63          | 3.59           | 3           | Vertical  | 260            | 2.48          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5700MHz\_TX

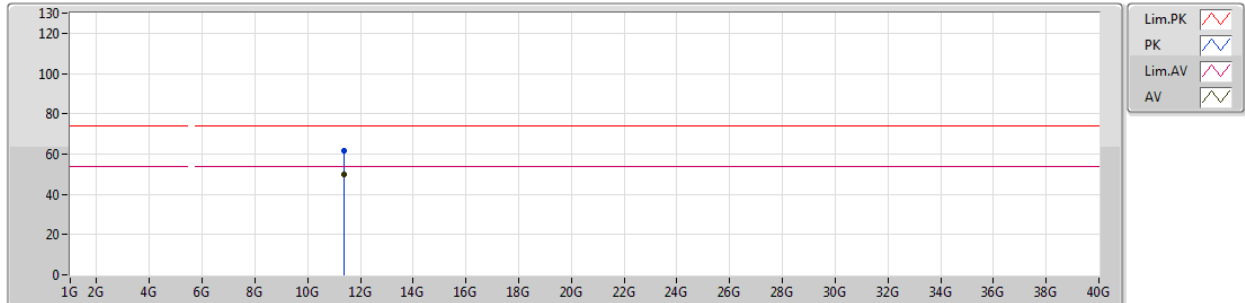


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.6976G      | 94.65             | Inf               | -Inf           | 3.54           | 3           | Horizontal | 355            | 1.52          | -        |
| PK   | 5.6976G      | 104.14            | Inf               | -Inf           | 3.54           | 3           | Horizontal | 355            | 1.52          | -        |
| PK   | 5.7256G      | 61.14             | 68.20             | -7.06          | 3.59           | 3           | Horizontal | 355            | 1.52          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5700MHz\_TX



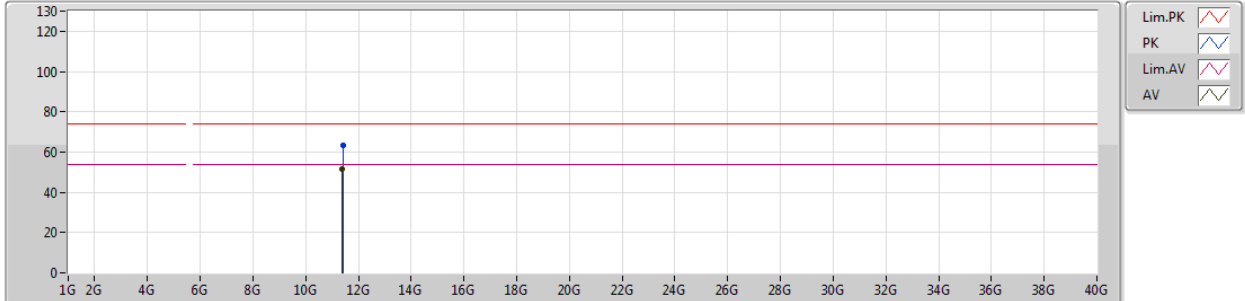
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.39922G    | 49.81             | 54.00             | -4.19          | 13.66          | 3           | Vertical  | 16             | 1.74          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.39814G    | 61.63             | 74.00             | -12.37         | 13.66          | 3           | Vertical  | 16             | 1.74          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5700MHz\_TX

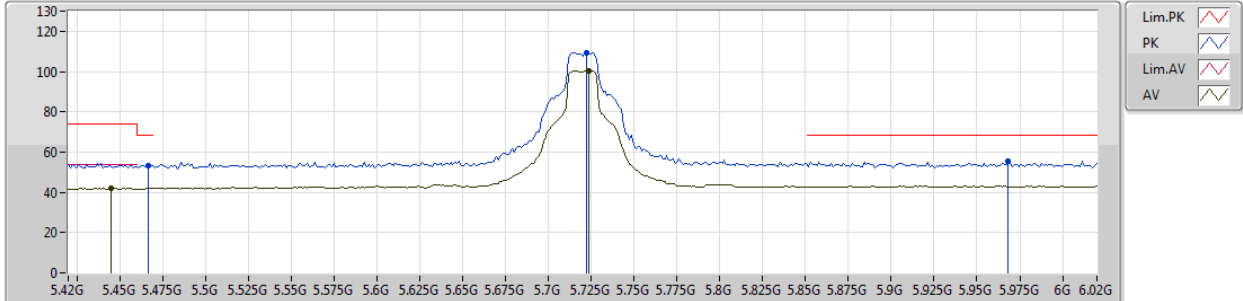


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.39988G    | 51.37             | 54.00             | -2.63          | 13.66          | 3           | Horizontal | 123            | 1.72          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.40258G    | 63.51             | 74.00             | -10.49         | 13.66          | 3           | Horizontal | 123            | 1.72          | -        |  |  |  |  |  |  |  |  |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5720MHz Straddle 5.47-5.725GHz\_TX

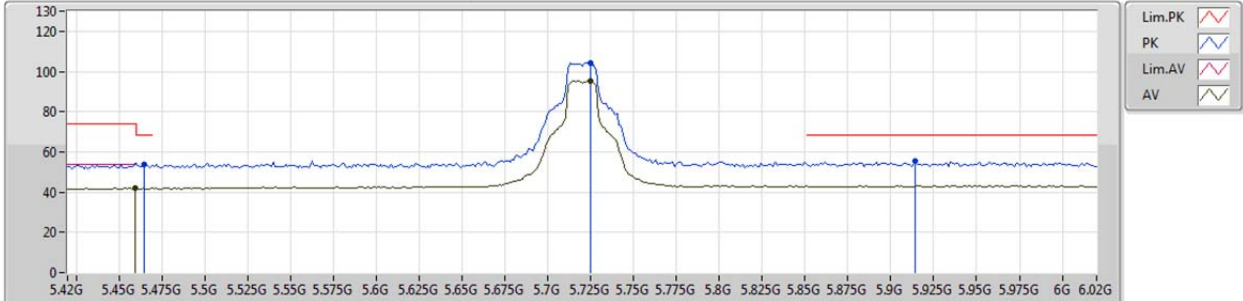


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.4452G      | 42.10             | 54.00             | -11.90         | 3.08           | 3           | Vertical  | 260            | 2.58          | -        |
| AV   | 5.7236G      | 100.34            | Inf               | -Inf           | 3.59           | 3           | Vertical  | 260            | 2.58          | -        |
| PK   | 5.7224G      | 109.39            | Inf               | -Inf           | 3.59           | 3           | Vertical  | 260            | 2.58          | -        |
| PK   | 5.9684G      | 55.53             | 68.20             | -12.67         | 4.07           | 3           | Vertical  | 260            | 2.58          | -        |
| PK   | 5.4668G      | 53.40             | 68.20             | -14.80         | 3.11           | 3           | Vertical  | 260            | 2.58          | -        |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5720MHz Straddle 5.47-5.725GHz\_TX

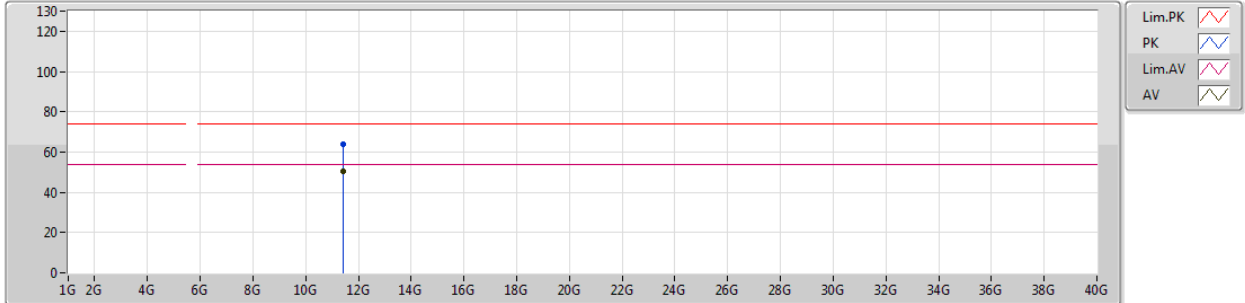


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.4596G      | 41.85             | 54.00             | -12.15         | 3.10           | 3           | Horizontal | 355            | 1.60          | -        |
| AV   | 5.7248G      | 95.08             | Inf               | -Inf           | 3.59           | 3           | Horizontal | 355            | 1.60          | -        |
| PK   | 5.4644G      | 53.66             | 68.20             | -14.54         | 3.11           | 3           | Horizontal | 355            | 1.60          | -        |
| PK   | 5.7248G      | 104.30            | Inf               | -Inf           | 3.59           | 3           | Horizontal | 355            | 1.60          | -        |
| PK   | 5.9144G      | 55.56             | 68.20             | -12.64         | 3.96           | 3           | Horizontal | 355            | 1.60          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

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

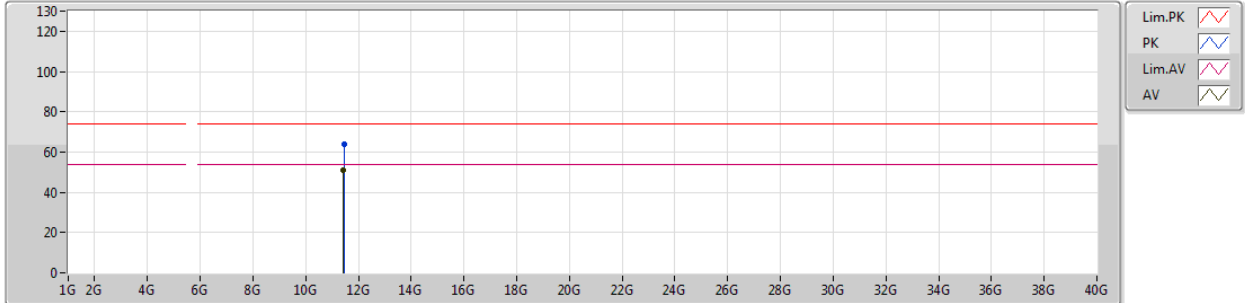


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.44066G    | 50.59             | 54.00             | -3.41          | 13.62          | 3           | Vertical  | 10             | 1.62          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.4406G     | 63.90             | 74.00             | -10.10         | 13.62          | 3           | Vertical  | 10             | 1.62          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

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

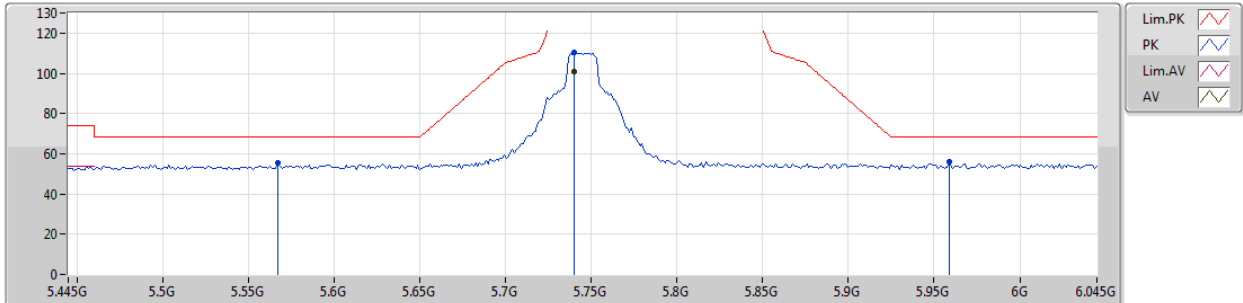


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 11.44096G    | 51.23             | 54.00             | -2.77          | 13.62          | 3           | Horizontal | 122            | 1.71          | -        |
| PK   | 11.44744G    | 63.93             | 74.00             | -10.07         | 13.62          | 3           | Horizontal | 122            | 1.71          | -        |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5745MHz\_TX

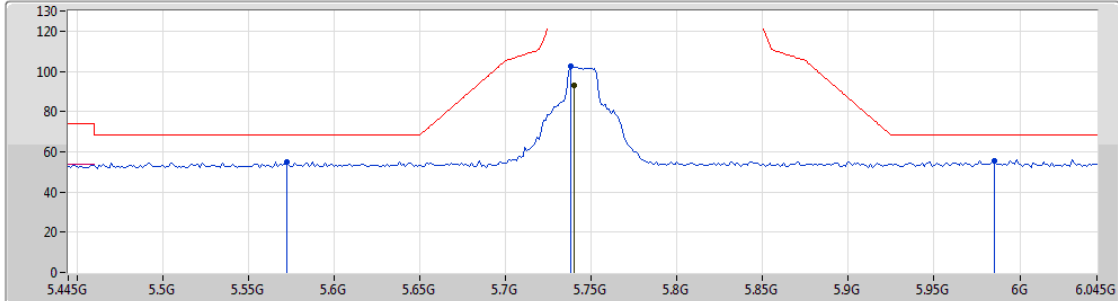





| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.7402G      | 101.00            | Inf               | -Inf           | 3.62           | 3           | Vertical  | 259            | 2.57          | -        |
| PK   | 5.5674G      | 55.20             | 68.20             | -13.00         | 3.27           | 3           | Vertical  | 259            | 2.57          | -        |
| PK   | 5.7402G      | 110.23            | Inf               | -Inf           | 3.62           | 3           | Vertical  | 259            | 2.57          | -        |
| PK   | 5.9586G      | 56.04             | 68.20             | -12.16         | 4.04           | 3           | Vertical  | 259            | 2.57          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5745MHz\_TX



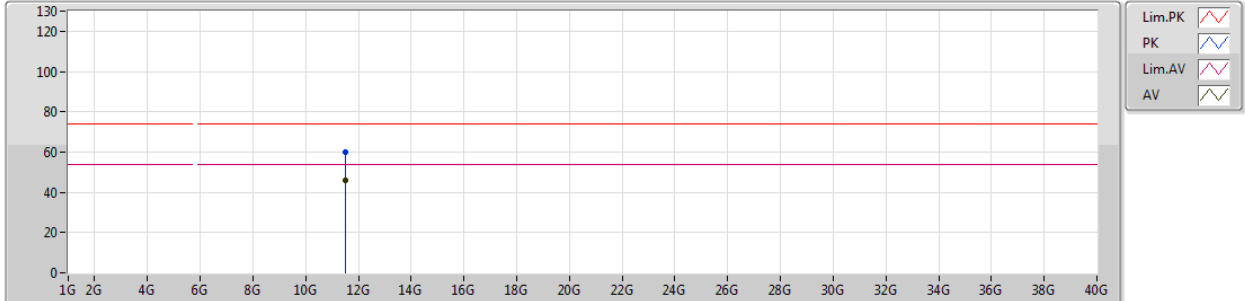
|        |   |
|--------|---|
| Lim.PK |  |
| PK     |  |
| Lim.AV |  |
| AV     |  |

| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |  |  |  |  |  |  |  |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|----------|--|--|--|--|--|--|--|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |  |  |  |  |  |  |  |
| AV   | 5.7402G | 92.94    | Inf      | -Inf   | 3.62   | 3    | Horizontal | 359     | 2.99   | -        |  |  |  |  |  |  |  |
| PK   | 5.5722G | 55.09    | 68.20    | -13.11 | 3.28   | 3    | Horizontal | 359     | 2.99   | -        |  |  |  |  |  |  |  |
| PK   | 5.7378G | 102.35   | Inf      | -Inf   | 3.61   | 3    | Horizontal | 359     | 2.99   | -        |  |  |  |  |  |  |  |
| PK   | 5.985G  | 55.46    | 68.20    | -12.74 | 4.10   | 3    | Horizontal | 359     | 2.99   | -        |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5745MHz\_TX



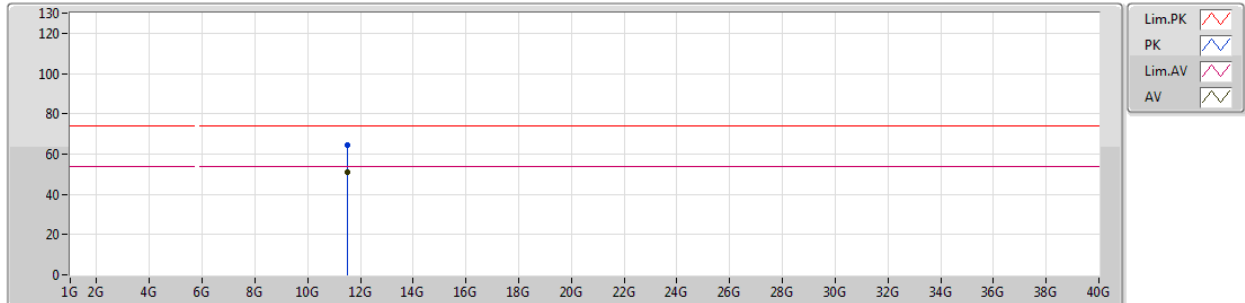
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.48964G    | 45.94             | 54.00             | -8.06          | 13.58          | 3           | Vertical  | 62             | 1.58          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.48748G    | 60.09             | 74.00             | -13.91         | 13.59          | 3           | Vertical  | 62             | 1.58          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5745MHz\_TX

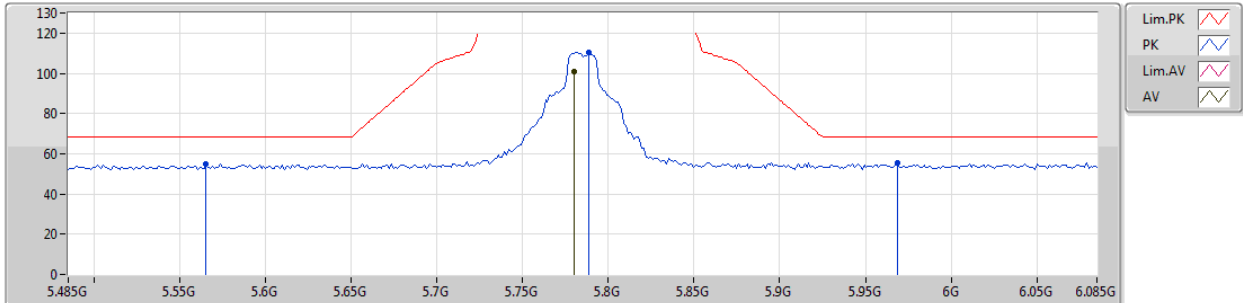


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 11.4897G     | 51.08             | 54.00             | -2.92          | 13.58          | 3           | Horizontal | 359            | 1.82          | -        |
| PK   | 11.48892G    | 64.26             | 74.00             | -9.74          | 13.59          | 3           | Horizontal | 359            | 1.82          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5785MHz\_TX

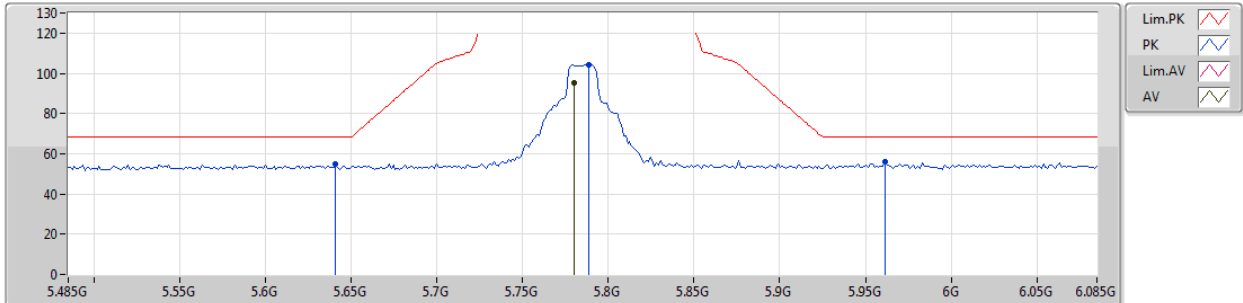


| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |  |  |  |  |  |  |  |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--|--|--|--|--|--|--|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          |  |  |  |  |  |  |  |
| AV   | 5.7802G | 100.59   | Inf      | -Inf   | 3.69   | 3    | Vertical  | 257     | 2.55   | -        |  |  |  |  |  |  |  |
| PK   | 5.5654G | 54.74    | 68.20    | -13.46 | 3.27   | 3    | Vertical  | 257     | 2.55   | -        |  |  |  |  |  |  |  |
| PK   | 5.7886G | 110.62   | Inf      | -Inf   | 3.70   | 3    | Vertical  | 257     | 2.55   | -        |  |  |  |  |  |  |  |
| PK   | 5.9686G | 55.42    | 68.20    | -12.78 | 4.07   | 3    | Vertical  | 257     | 2.55   | -        |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5785MHz\_TX

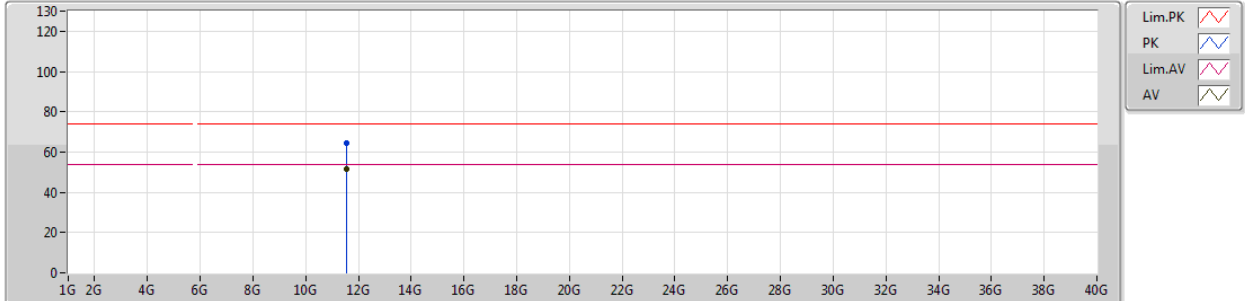


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.7802G      | 95.14             | Inf               | -Inf           | 3.69           | 3           | Horizontal | 356            | 1.40          | -        |
| PK   | 5.641G       | 55.12             | 68.20             | -13.08         | 3.43           | 3           | Horizontal | 356            | 1.40          | -        |
| PK   | 5.7886G      | 104.50            | Inf               | -Inf           | 3.70           | 3           | Horizontal | 356            | 1.40          | -        |
| PK   | 5.9614G      | 55.86             | 68.20             | -12.34         | 4.05           | 3           | Horizontal | 356            | 1.40          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5785MHz\_TX

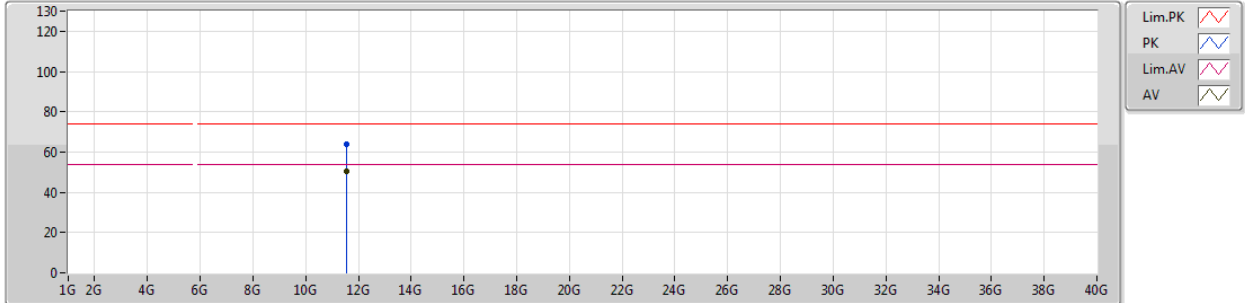


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.56892G    | 51.45             | 54.00             | -2.55          | 13.50          | 3           | Vertical  | 5              | 1.62          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.57222G    | 64.66             | 74.00             | -9.34          | 13.51          | 3           | Vertical  | 5              | 1.62          | -        |  |  |  |  |  |  |  |  |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5785MHz\_TX

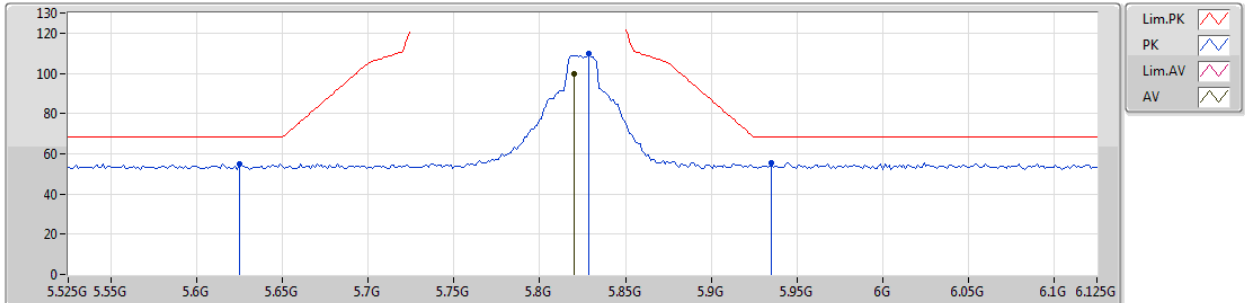


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 11.57066G    | 50.24             | 54.00             | -3.76          | 13.51          | 3           | Horizontal | 298            | 1.74          | -        |
| PK   | 11.56892G    | 63.94             | 74.00             | -10.06         | 13.50          | 3           | Horizontal | 298            | 1.74          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5825MHz\_TX

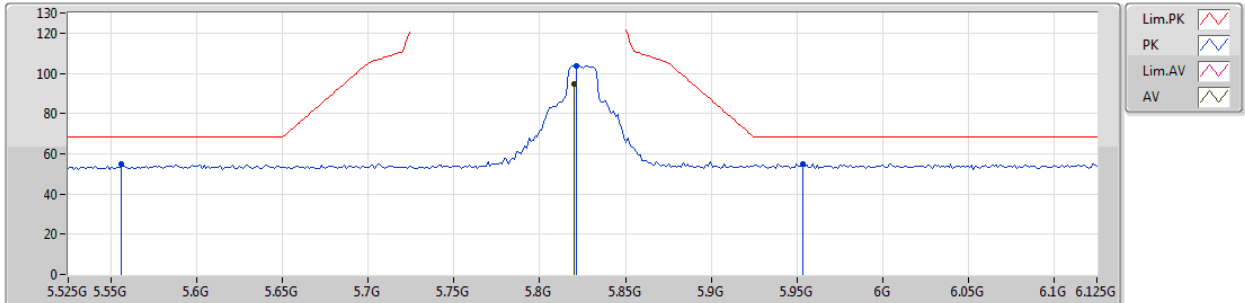


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.8202G      | 99.68             | Inf               | -Inf           | 3.77           | 3           | Vertical  | 256            | 2.50          | -        |
| PK   | 5.6246G      | 54.96             | 68.20             | -13.24         | 3.39           | 3           | Vertical  | 256            | 2.50          | -        |
| PK   | 5.8286G      | 109.55            | Inf               | -Inf           | 3.79           | 3           | Vertical  | 256            | 2.50          | -        |
| PK   | 5.9354G      | 55.35             | 68.20             | -12.85         | 4.00           | 3           | Vertical  | 256            | 2.50          | -        |

## 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

## 5825MHz\_TX

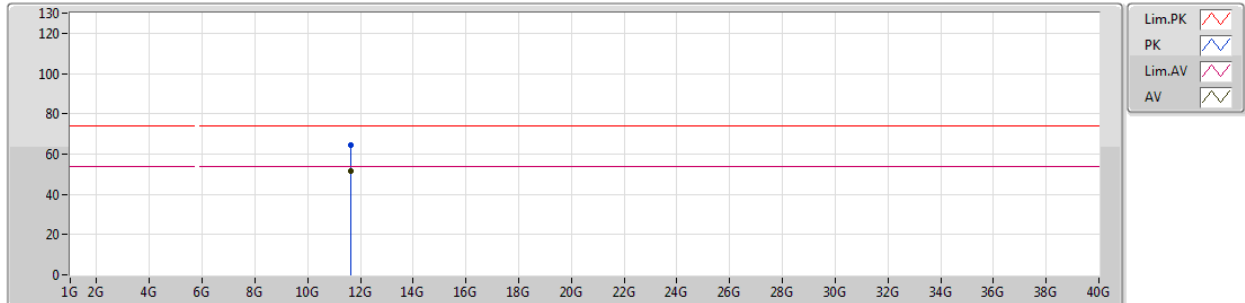


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.8202G      | 94.88             | Inf               | -Inf           | 3.77           | 3           | Horizontal | 355            | 1.81          | -        |
| PK   | 5.5562G      | 54.65             | 68.20             | -13.55         | 3.25           | 3           | Horizontal | 355            | 1.81          | -        |
| PK   | 5.8214G      | 103.86            | Inf               | -Inf           | 3.77           | 3           | Horizontal | 355            | 1.81          | -        |
| PK   | 5.9534G      | 55.10             | 68.20             | -13.10         | 4.03           | 3           | Horizontal | 355            | 1.81          | -        |

### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5825MHz\_TX



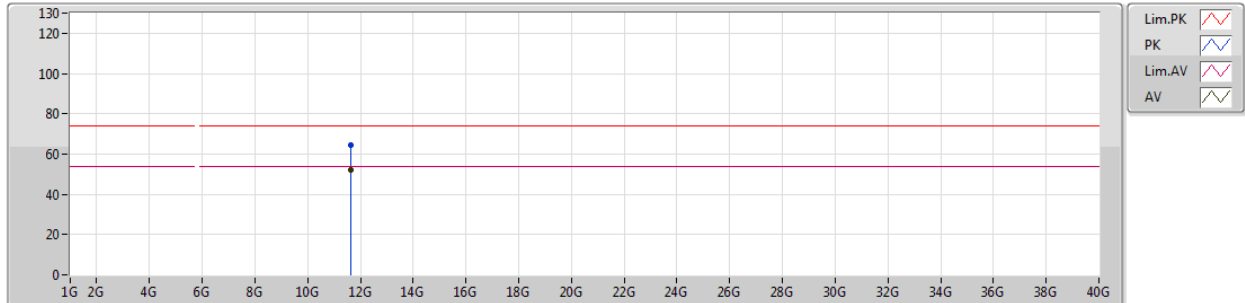
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.647G      | 51.58             | 54.00             | -2.42          | 13.43          | 3           | Vertical  | 359            | 1.50          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.64844G    | 64.54             | 74.00             | -9.46          | 13.43          | 3           | Vertical  | 359            | 1.50          | -        |  |  |  |  |  |  |  |  |



### 802.11a\_Nss1,(6Mbps)\_1TX

19/11/2018

### 5825MHz\_TX

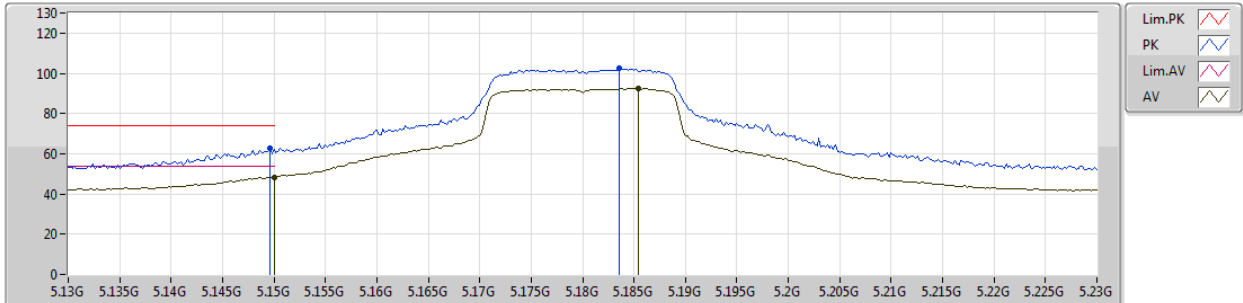


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|
| AV   | 11.65036G    | 51.96             | 54.00             | -2.04          | 13.43          | 3           | Horizontal | 300            | 1.79          | -        |  |  |  |  |  |  |  |
| PK   | 11.65186G    | 64.49             | 74.00             | -9.51          | 13.43          | 3           | Horizontal | 300            | 1.79          | -        |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 5180MHz\_TX

19/11/2018

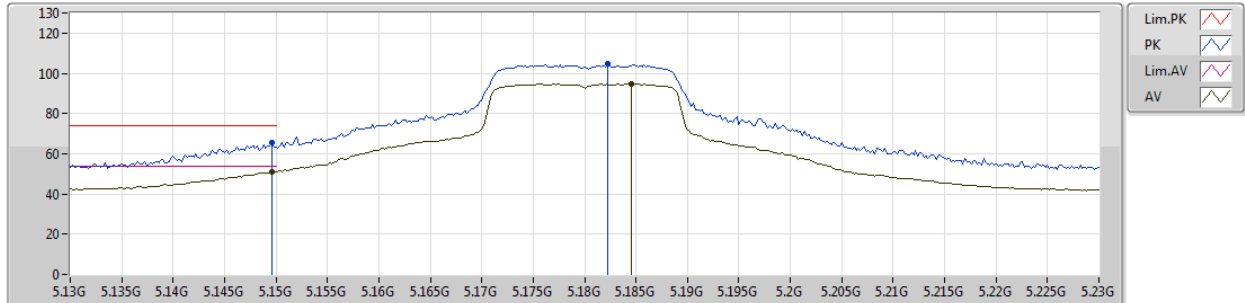


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.15G        | 48.41             | 54.00             | -5.59          | 2.74           | 3           | Vertical  | 275            | 1.68          | -        |
| AV   | 5.1854G      | 92.47             | Inf               | -Inf           | 2.78           | 3           | Vertical  | 275            | 1.68          | -        |
| PK   | 5.1496G      | 62.86             | 74.00             | -11.14         | 2.74           | 3           | Vertical  | 275            | 1.68          | -        |
| PK   | 5.1836G      | 102.58            | Inf               | -Inf           | 2.78           | 3           | Vertical  | 275            | 1.68          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5180MHz\_TX

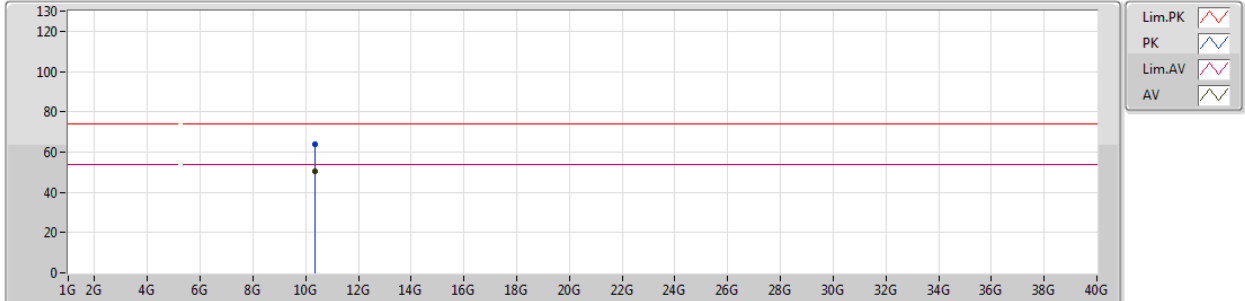


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.1496G      | 51.26             | 54.00             | -2.74          | 2.74           | 3           | Horizontal | 348            | 1.77          | -        |
| AV   | 5.1846G      | 94.67             | Inf               | -Inf           | 2.78           | 3           | Horizontal | 348            | 1.77          | -        |
| PK   | 5.1496G      | 65.56             | 74.00             | -8.44          | 2.74           | 3           | Horizontal | 348            | 1.77          | -        |
| PK   | 5.1822G      | 104.74            | Inf               | -Inf           | 2.78           | 3           | Horizontal | 348            | 1.77          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5180MHz\_TX

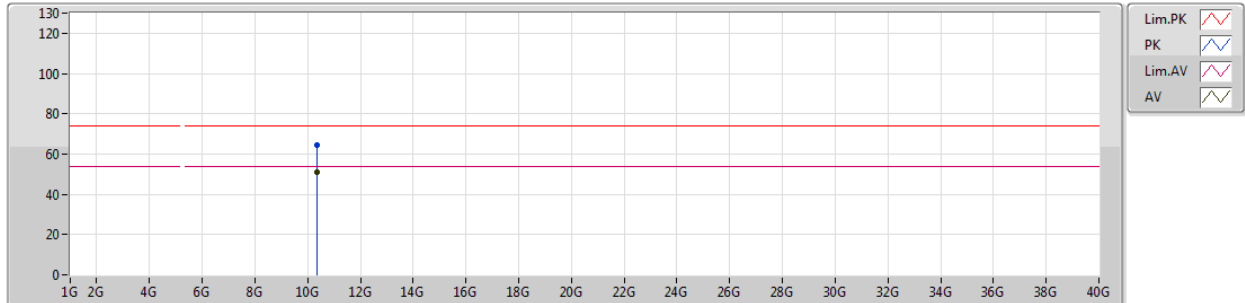


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 10.36126G    | 50.19             | 54.00             | -3.81          | 12.64          | 3           | Vertical  | 29             | 1.85          | -        |
| PK   | 10.36048G    | 64.13             | 74.00             | -9.87          | 12.63          | 3           | Vertical  | 29             | 1.85          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5180MHz\_TX

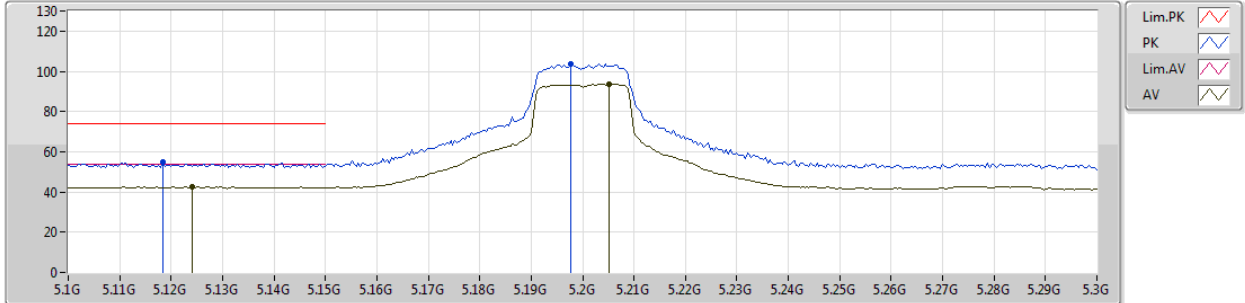


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.36144G    | 51.09             | 54.00             | -2.91          | 12.64          | 3           | Horizontal | 6              | 1.66          | -        |
| PK   | 10.35922G    | 64.19             | 74.00             | -9.81          | 12.63          | 3           | Horizontal | 6              | 1.66          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5200MHz\_TX

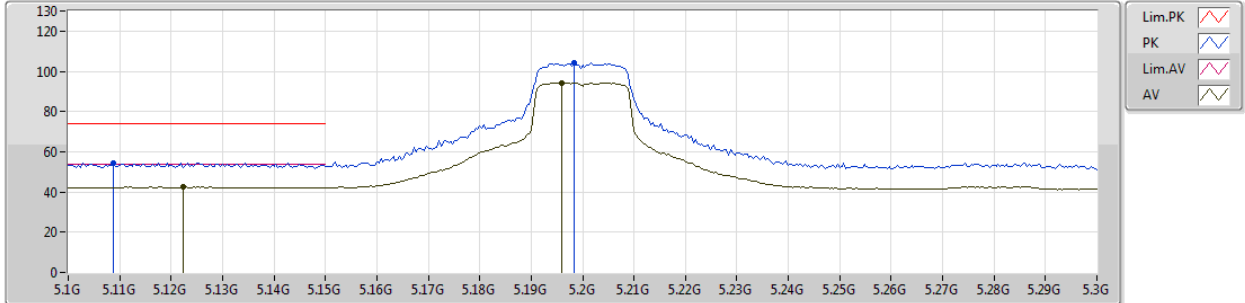


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.124G       | 42.64             | 54.00             | -11.36         | 2.71           | 3           | Vertical  | 257            | 2.75          | -        |
| AV   | 5.2052G      | 93.76             | Inf               | -Inf           | 2.80           | 3           | Vertical  | 257            | 2.75          | -        |
| PK   | 5.1184G      | 54.84             | 74.00             | -19.16         | 2.70           | 3           | Vertical  | 257            | 2.75          | -        |
| PK   | 5.1976G      | 103.62            | Inf               | -Inf           | 2.80           | 3           | Vertical  | 257            | 2.75          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5200MHz\_TX

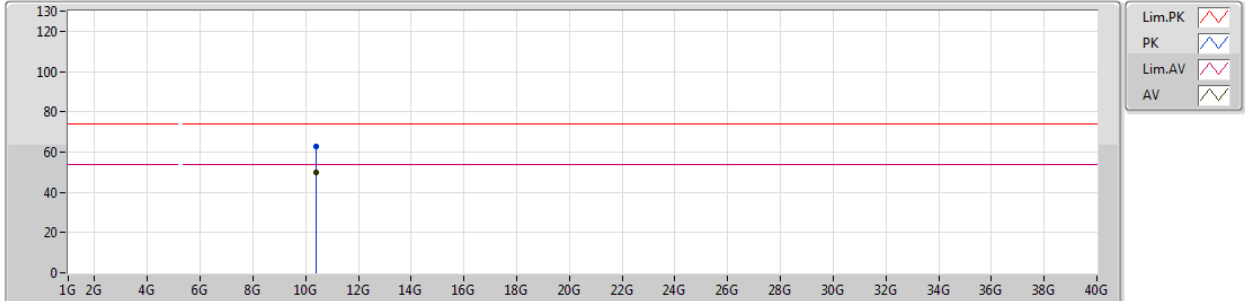


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.1224G      | 42.52             | 54.00             | -11.48         | 2.71           | 3           | Horizontal | 344            | 1.89          | -        |
| AV   | 5.196G       | 94.35             | Inf               | -Inf           | 2.80           | 3           | Horizontal | 344            | 1.89          | -        |
| PK   | 5.1088G      | 54.55             | 74.00             | -19.45         | 2.70           | 3           | Horizontal | 344            | 1.89          | -        |
| PK   | 5.1984G      | 104.31            | Inf               | -Inf           | 2.80           | 3           | Horizontal | 344            | 1.89          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5200MHz\_TX



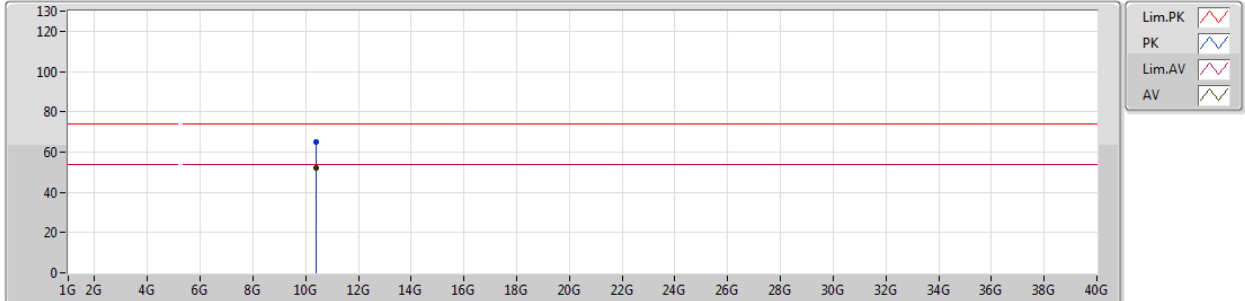
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.39904G    | 49.85             | 54.00             | -4.15          | 12.73          | 3           | Vertical  | 46             | 1.80          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.39844G    | 62.55             | 74.00             | -11.45         | 12.73          | 3           | Vertical  | 46             | 1.80          | -        |  |  |  |  |  |  |  |  |



### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5200MHz\_TX

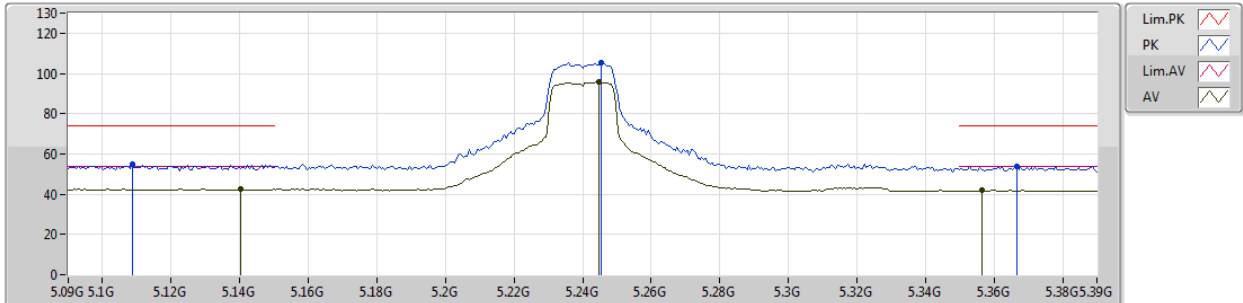


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.4012G     | 51.98             | 54.00             | -2.02          | 12.73          | 3           | Horizontal | 294            | 1.61          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.40084G    | 65.22             | 74.00             | -8.78          | 12.73          | 3           | Horizontal | 294            | 1.61          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5240MHz\_TX

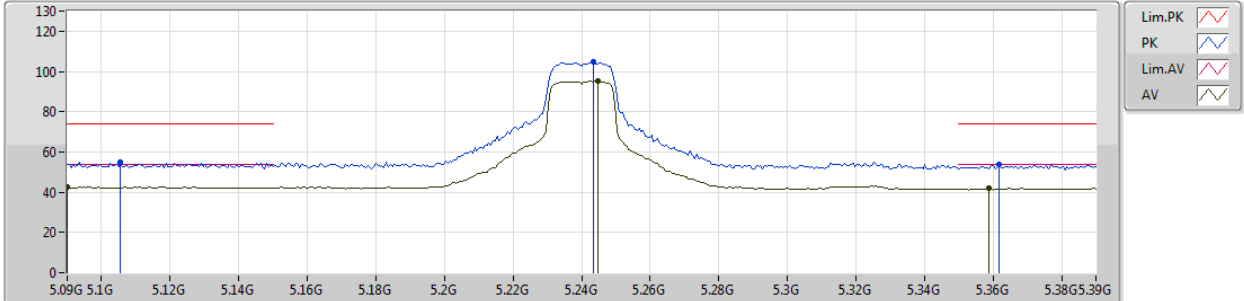


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.1404G      | 42.64             | 54.00             | -11.36         | 2.73           | 3           | Vertical  | 255            | 2.74          | -        |
| AV   | 5.2448G      | 95.77             | Inf               | -Inf           | 2.85           | 3           | Vertical  | 255            | 2.74          | -        |
| AV   | 5.3666G      | 41.86             | 54.00             | -12.14         | 2.97           | 3           | Vertical  | 255            | 2.74          | -        |
| PK   | 5.1086G      | 54.69             | 74.00             | -19.31         | 2.70           | 3           | Vertical  | 255            | 2.74          | -        |
| PK   | 5.2454G      | 105.18            | Inf               | -Inf           | 2.85           | 3           | Vertical  | 255            | 2.74          | -        |
| PK   | 5.3666G      | 53.85             | 74.00             | -20.15         | 2.99           | 3           | Vertical  | 255            | 2.74          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5240MHz\_TX

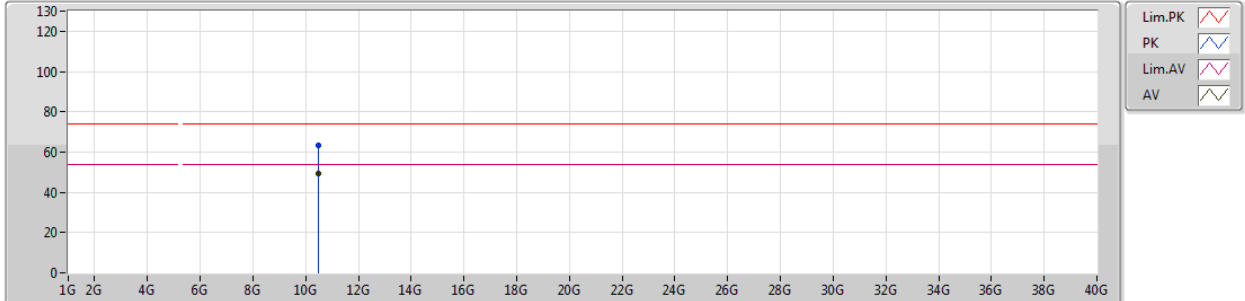


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.09G        | 42.51             | 54.00             | -11.49         | 2.66           | 3           | Horizontal | 344            | 1.83          | -        |
| AV   | 5.2448G      | 95.22             | Inf               | -Inf           | 2.85           | 3           | Horizontal | 344            | 1.83          | -        |
| AV   | 5.3588G      | 41.82             | 54.00             | -12.18         | 2.98           | 3           | Horizontal | 344            | 1.83          | -        |
| PK   | 5.1056G      | 54.98             | 74.00             | -19.02         | 2.68           | 3           | Horizontal | 344            | 1.83          | -        |
| PK   | 5.2436G      | 104.61            | Inf               | -Inf           | 2.85           | 3           | Horizontal | 344            | 1.83          | -        |
| PK   | 5.3618G      | 53.52             | 74.00             | -20.48         | 2.98           | 3           | Horizontal | 344            | 1.83          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5240MHz\_TX

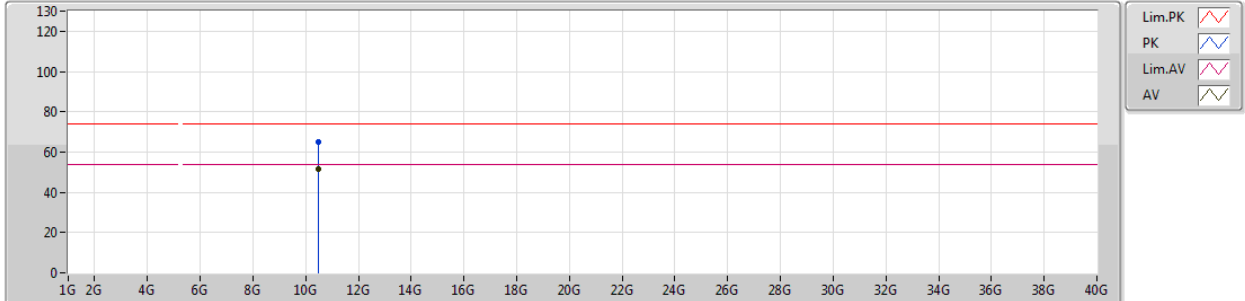


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.47892G    | 49.55             | 54.00             | -4.45          | 12.90          | 3           | Vertical  | 27             | 1.83          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.48072G    | 63.20             | 74.00             | -10.80         | 12.90          | 3           | Vertical  | 27             | 1.83          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5240MHz\_TX

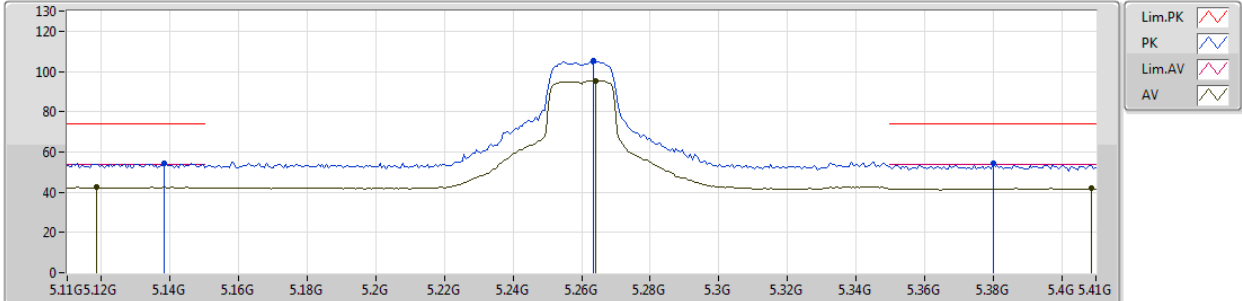


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.48138G    | 51.55             | 54.00             | -2.45          | 12.90          | 3           | Horizontal | 294            | 1.58          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.4803G     | 64.86             | 74.00             | -9.14          | 12.90          | 3           | Horizontal | 294            | 1.58          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5260MHz\_TX

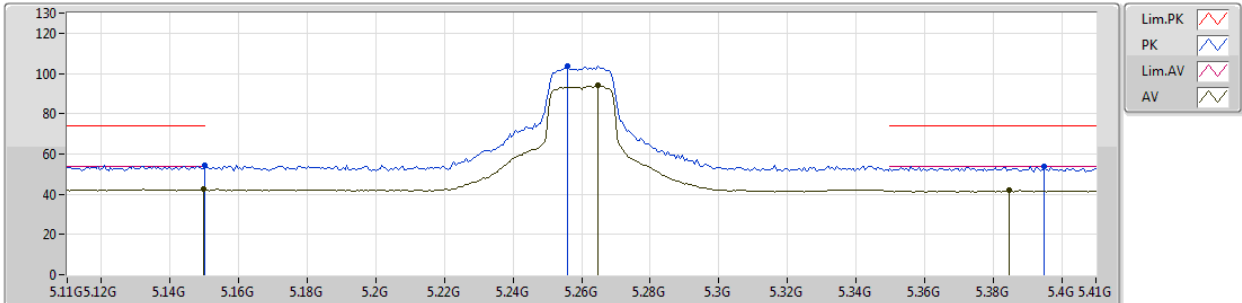


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.1184G      | 42.53             | 54.00             | -11.47         | 2.70           | 3           | Vertical  | 254            | 2.73          | -        |
| AV   | 5.2642G      | 95.36             | Inf               | -Inf           | 2.87           | 3           | Vertical  | 254            | 2.73          | -        |
| AV   | 5.4088G      | 41.91             | 54.00             | -12.09         | 3.05           | 3           | Vertical  | 254            | 2.73          | -        |
| PK   | 5.1382G      | 54.51             | 74.00             | -19.49         | 2.73           | 3           | Vertical  | 254            | 2.73          | -        |
| PK   | 5.2636G      | 105.52            | Inf               | -Inf           | 2.87           | 3           | Vertical  | 254            | 2.73          | -        |
| PK   | 5.38G        | 54.17             | 74.00             | -19.83         | 3.01           | 3           | Vertical  | 254            | 2.73          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5260MHz\_TX

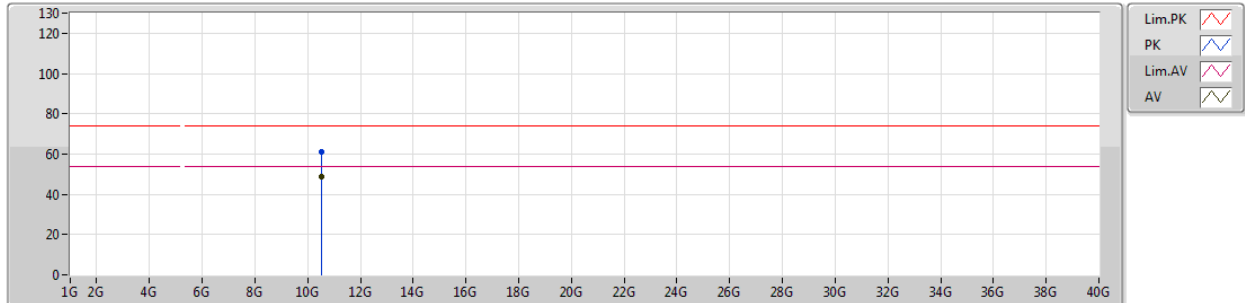


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.1496G      | 42.36             | 54.00             | -11.64         | 2.74           | 3           | Horizontal | 345            | 1.75          | -        |
| AV   | 5.2648G      | 93.94             | Inf               | -Inf           | 2.88           | 3           | Horizontal | 345            | 1.75          | -        |
| AV   | 5.3848G      | 41.81             | 54.00             | -12.19         | 3.01           | 3           | Horizontal | 345            | 1.75          | -        |
| PK   | 5.15G        | 54.14             | 74.00             | -19.86         | 2.74           | 3           | Horizontal | 345            | 1.75          | -        |
| PK   | 5.2558G      | 103.52            | Inf               | -Inf           | 2.86           | 3           | Horizontal | 345            | 1.75          | -        |
| PK   | 5.395G       | 53.60             | 74.00             | -20.40         | 3.03           | 3           | Horizontal | 345            | 1.75          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5260MHz\_TX



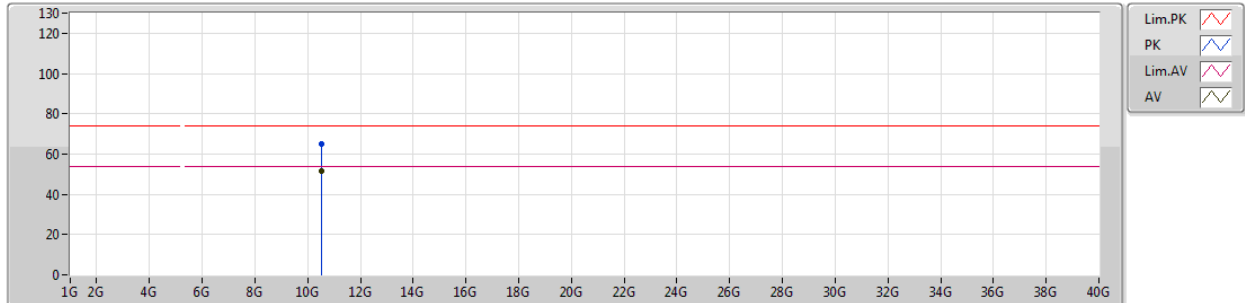
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.51896G    | 48.66             | 54.00             | -5.34          | 12.98          | 3           | Vertical  | 40             | 1.78          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.52432G    | 61.26             | 74.00             | -12.74         | 12.99          | 3           | Vertical  | 40             | 1.78          | -        |  |  |  |  |  |  |  |  |



### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5260MHz\_TX

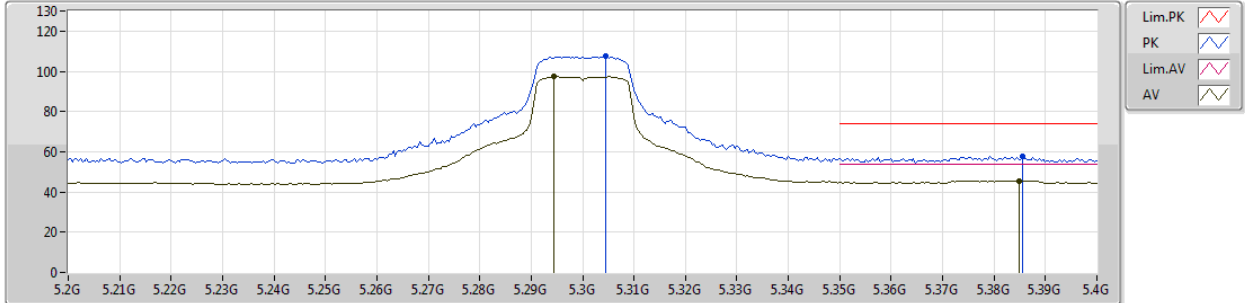


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.51898G    | 51.63             | 54.00             | -2.37          | 12.98          | 3           | Horizontal | 286            | 1.78          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.52066G    | 65.27             | 74.00             | -8.73          | 12.98          | 3           | Horizontal | 286            | 1.78          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5300MHz\_TX

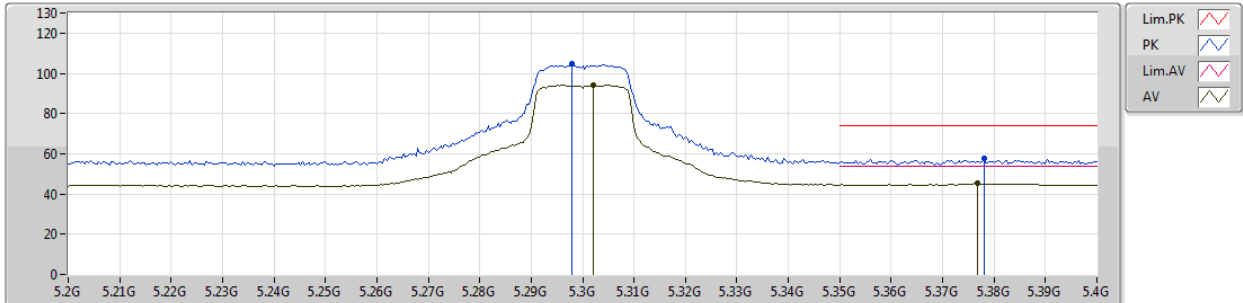


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.2944G      | 97.40             | Inf               | -Inf           | 3.95           | 3           | Vertical  | 245            | 2.68          | -        |
| AV   | 5.3848G      | 45.64             | 54.00             | -8.36          | 4.11           | 3           | Vertical  | 245            | 2.68          | -        |
| PK   | 5.3044G      | 107.59            | Inf               | -Inf           | 3.97           | 3           | Vertical  | 245            | 2.68          | -        |
| PK   | 5.3856G      | 57.72             | 74.00             | -16.28         | 4.11           | 3           | Vertical  | 245            | 2.68          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5300MHz\_TX

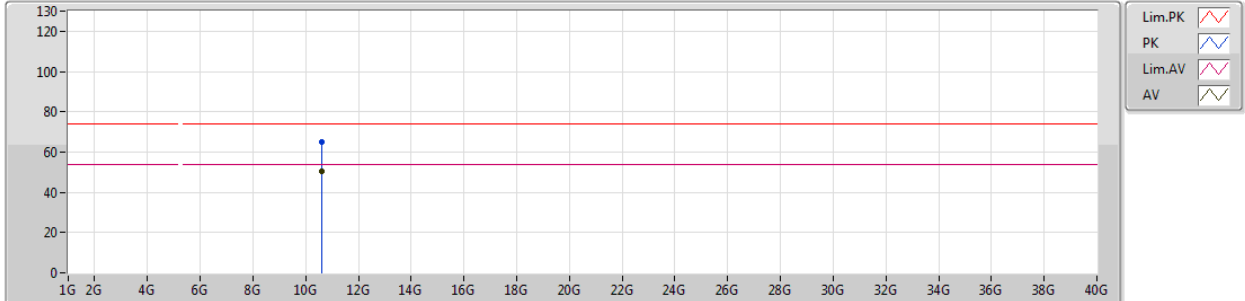


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.302G       | 93.98             | Inf               | -Inf           | 3.96           | 3           | Horizontal | 1              | 1.50          | -        |
| AV   | 5.3768G      | 45.23             | 54.00             | -8.77          | 4.10           | 3           | Horizontal | 1              | 1.50          | -        |
| PK   | 5.298G       | 104.81            | Inf               | -Inf           | 3.96           | 3           | Horizontal | 1              | 1.50          | -        |
| PK   | 5.378G       | 57.59             | 74.00             | -16.41         | 4.10           | 3           | Horizontal | 1              | 1.50          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5300MHz\_TX

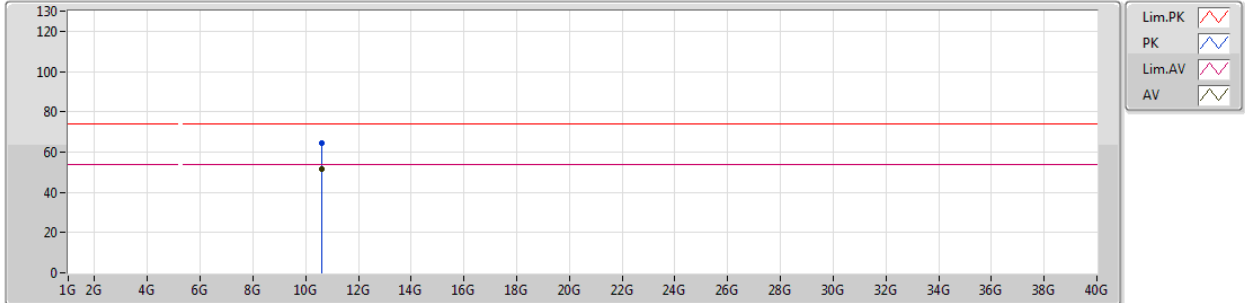


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.6003G     | 50.54             | 54.00             | -3.46          | 14.80          | 3           | Vertical  | 13             | 1.82          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.59838G    | 64.78             | 74.00             | -9.22          | 14.80          | 3           | Vertical  | 13             | 1.82          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5300MHz\_TX

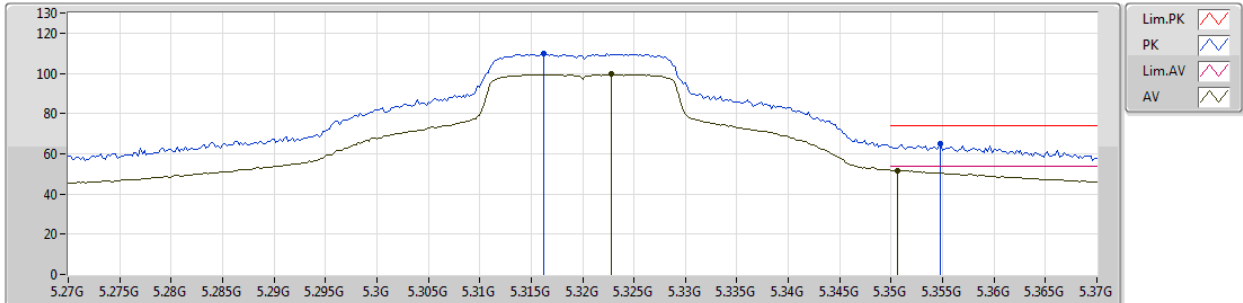


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.60096G    | 51.56             | 54.00             | -2.44          | 14.80          | 3           | Horizontal | 301            | 1.78          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.5991G     | 64.68             | 74.00             | -9.32          | 14.80          | 3           | Horizontal | 301            | 1.78          | -        |  |  |  |  |  |  |  |  |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5320MHz\_TX

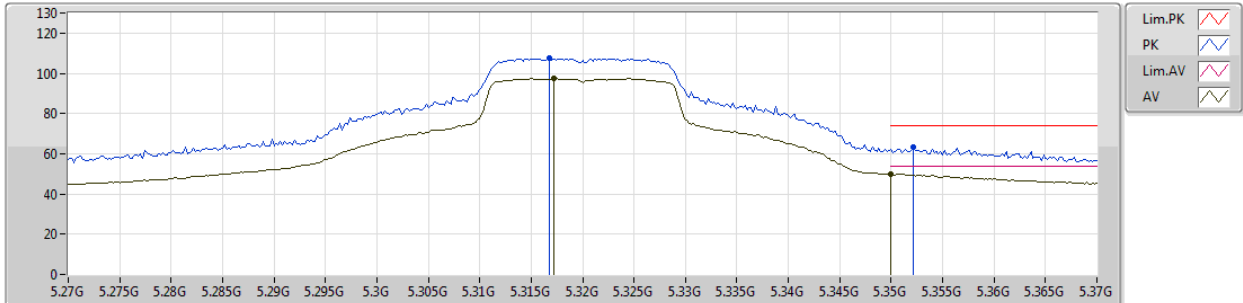


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.3228G      | 99.59             | Inf               | -Inf           | 4.00           | 3           | Vertical  | 245            | 2.77          | -        |
| AV   | 5.3506G      | 51.78             | 54.00             | -2.22          | 4.05           | 3           | Vertical  | 245            | 2.77          | -        |
| PK   | 5.3162G      | 109.66            | Inf               | -Inf           | 3.99           | 3           | Vertical  | 245            | 2.77          | -        |
| PK   | 5.3548G      | 65.22             | 74.00             | -8.78          | 4.06           | 3           | Vertical  | 245            | 2.77          | -        |

802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

5320MHz\_TX

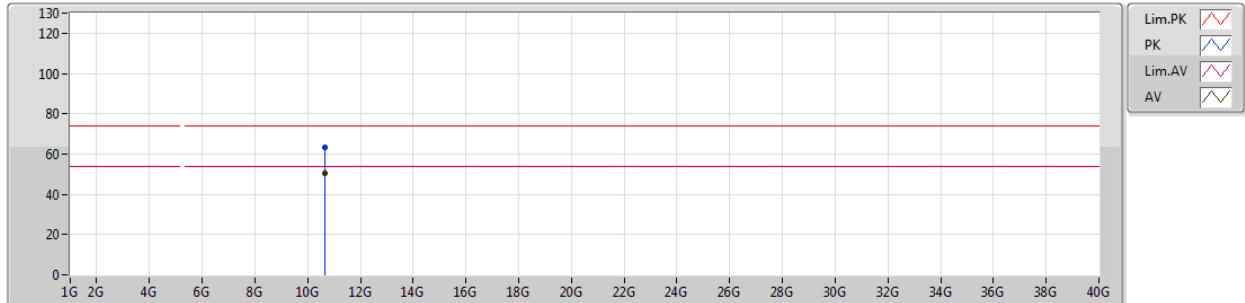


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.3172G      | 97.29             | Inf               | -Inf           | 3.99           | 3           | Horizontal | 8              | 2.77          | -        |
| AV   | 5.35G        | 50.01             | 54.00             | -3.99          | 4.05           | 3           | Horizontal | 8              | 2.77          | -        |
| PK   | 5.3168G      | 107.80            | Inf               | -Inf           | 3.99           | 3           | Horizontal | 8              | 2.77          | -        |
| PK   | 5.3522G      | 63.38             | 74.00             | -10.62         | 4.05           | 3           | Horizontal | 8              | 2.77          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5320MHz\_TX



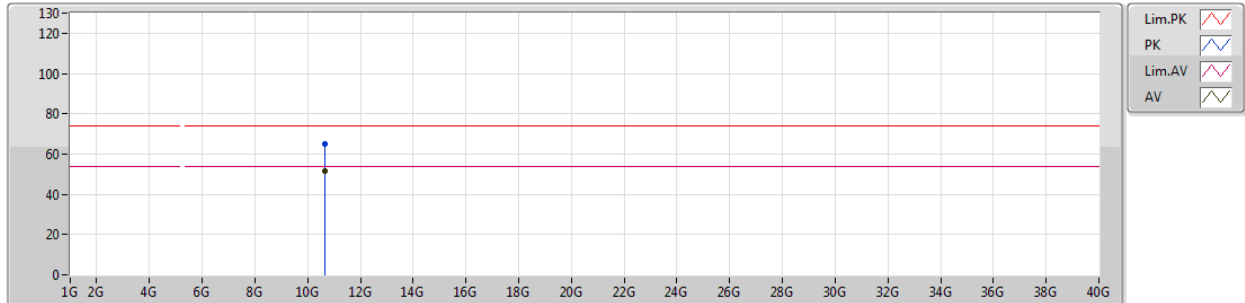
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 10.6403G     | 50.18             | 54.00             | -3.82          | 14.89          | 3           | Vertical  | 45             | 1.77          | -        |  |  |  |  |  |  |  |  |
| PK   | 10.63586G    | 63.50             | 74.00             | -10.50         | 14.88          | 3           | Vertical  | 45             | 1.77          | -        |  |  |  |  |  |  |  |  |



### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5320MHz\_TX

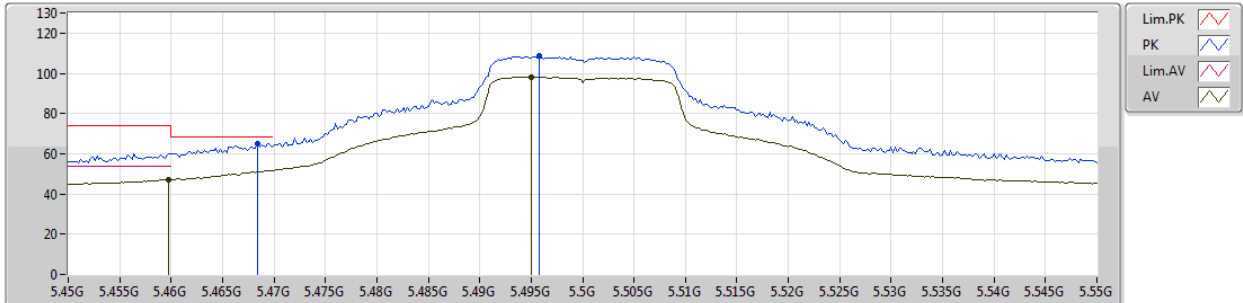


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 10.63898G    | 51.49             | 54.00             | -2.51          | 14.89          | 3           | Horizontal | 302            | 1.78          | -        |
| PK   | 10.63778G    | 65.13             | 74.00             | -8.87          | 14.89          | 3           | Horizontal | 302            | 1.78          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5500MHz\_TX

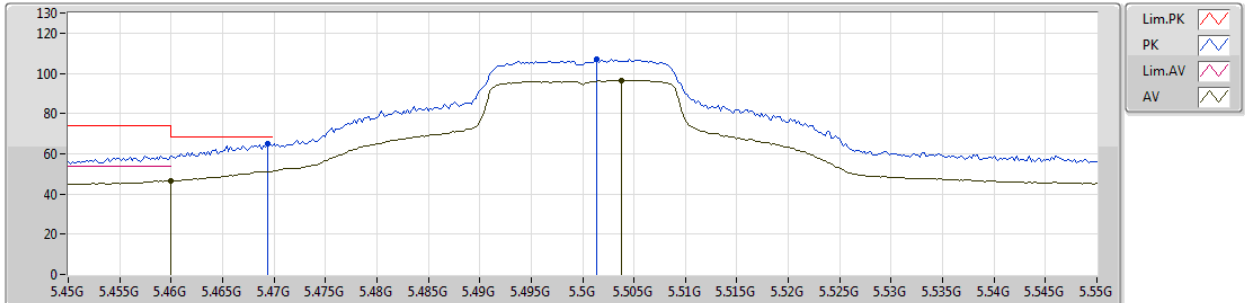


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.4598G      | 47.12             | 54.00             | -6.88          | 4.25           | 3           | Vertical  | 245            | 2.77          | -        |
| AV   | 5.495G       | 98.25             | Inf               | -Inf           | 4.31           | 3           | Vertical  | 245            | 2.77          | -        |
| PK   | 5.4684G      | 65.23             | 68.20             | -2.97          | 4.26           | 3           | Vertical  | 245            | 2.77          | -        |
| PK   | 5.4958G      | 108.60            | Inf               | -Inf           | 4.31           | 3           | Vertical  | 245            | 2.77          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5500MHz\_TX

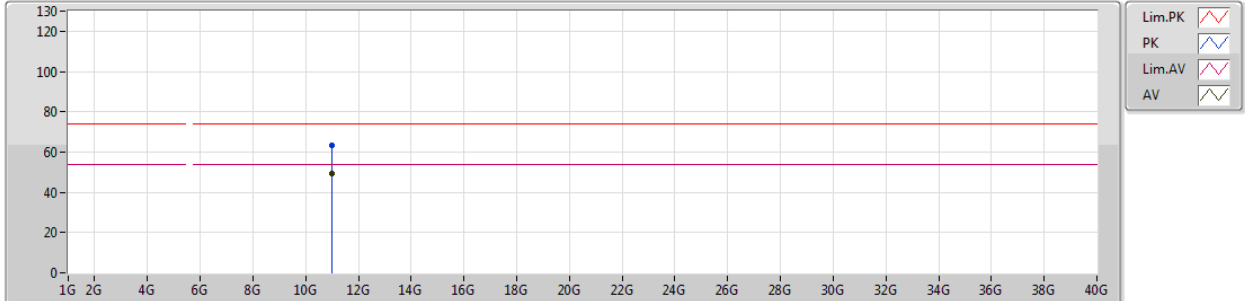


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.46G        | 46.72             | 54.00             | -7.28          | 4.25           | 3           | Horizontal | 2              | 2.99          | -        |
| AV   | 5.5038G      | 96.53             | Inf               | -Inf           | 4.33           | 3           | Horizontal | 2              | 2.99          | -        |
| PK   | 5.4694G      | 64.86             | 68.20             | -3.34          | 4.26           | 3           | Horizontal | 2              | 2.99          | -        |
| PK   | 5.5014G      | 107.20            | Inf               | -Inf           | 4.32           | 3           | Horizontal | 2              | 2.99          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5500MHz\_TX

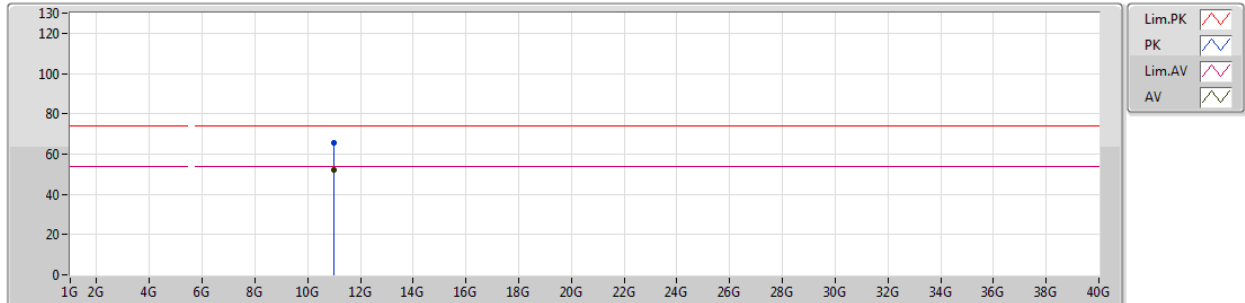


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 10.99928G    | 49.30             | 54.00             | -4.70          | 15.62          | 3           | Vertical  | 277            | 1.70          | -        |
| PK   | 10.9955G     | 63.05             | 74.00             | -10.95         | 15.61          | 3           | Vertical  | 277            | 1.70          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5500MHz\_TX

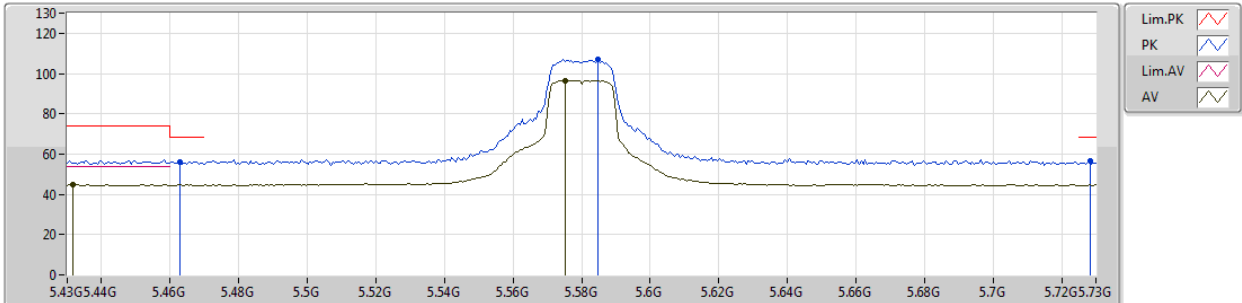


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|----------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          |
| AV   | 11.0039G  | 51.93    | 54.00    | -2.07  | 15.62  | 3    | Horizontal | 145     | 1.64   | -        |
| PK   | 11.00132G | 65.65    | 74.00    | -8.35  | 15.62  | 3    | Horizontal | 145     | 1.64   | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5580MHz\_TX

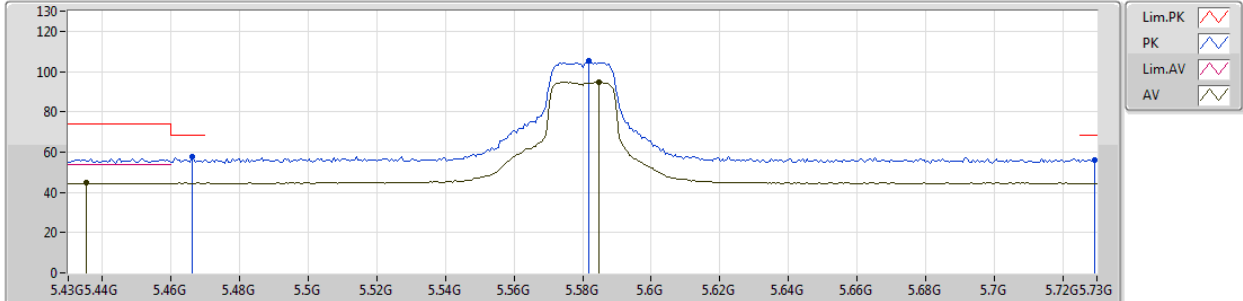


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.4318G      | 44.85             | 54.00             | -9.15          | 4.20           | 3           | Vertical  | 247            | 2.56          | -        |
| AV   | 5.5752G      | 96.56             | Inf               | -Inf           | 4.44           | 3           | Vertical  | 247            | 2.56          | -        |
| PK   | 5.463G       | 56.03             | 68.20             | -12.17         | 4.26           | 3           | Vertical  | 247            | 2.56          | -        |
| PK   | 5.5848G      | 107.26            | Inf               | -Inf           | 4.44           | 3           | Vertical  | 247            | 2.56          | -        |
| PK   | 5.7282G      | 56.35             | 68.20             | -11.85         | 4.67           | 3           | Vertical  | 247            | 2.56          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5580MHz\_TX

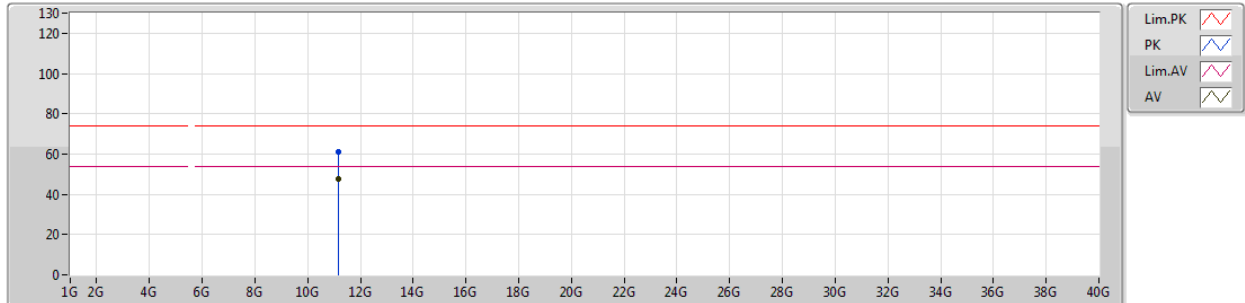


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.4354G      | 44.59             | 54.00             | -9.41          | 4.20           | 3           | Horizontal | 2              | 2.92          | -        |
| AV   | 5.5848G      | 94.75             | Inf               | -Inf           | 4.44           | 3           | Horizontal | 2              | 2.92          | -        |
| PK   | 5.466G       | 57.60             | 68.20             | -10.60         | 4.26           | 3           | Horizontal | 2              | 2.92          | -        |
| PK   | 5.5818G      | 105.18            | Inf               | -Inf           | 4.44           | 3           | Horizontal | 2              | 2.92          | -        |
| PK   | 5.7294G      | 56.23             | 68.20             | -11.97         | 4.67           | 3           | Horizontal | 2              | 2.92          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5580MHz\_TX



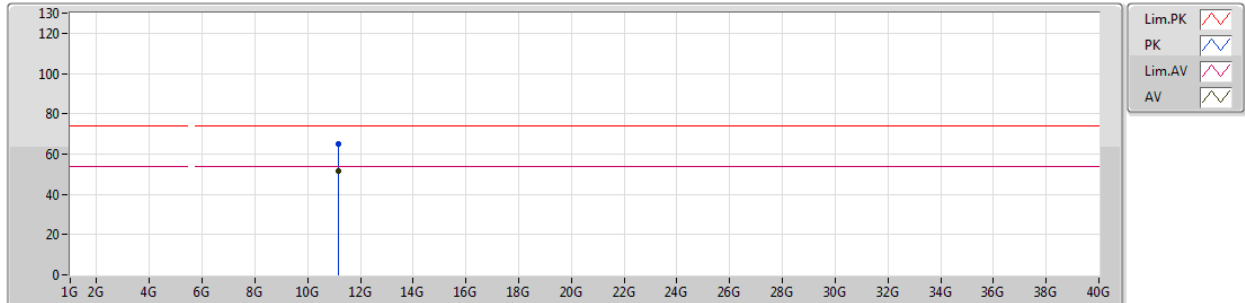
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.15922G    | 47.60             | 54.00             | -6.40          | 15.43          | 3           | Vertical  | 340            | 1.49          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.16078G    | 61.11             | 74.00             | -12.89         | 15.43          | 3           | Vertical  | 340            | 1.49          | -        |  |  |  |  |  |  |  |  |



### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5580MHz\_TX

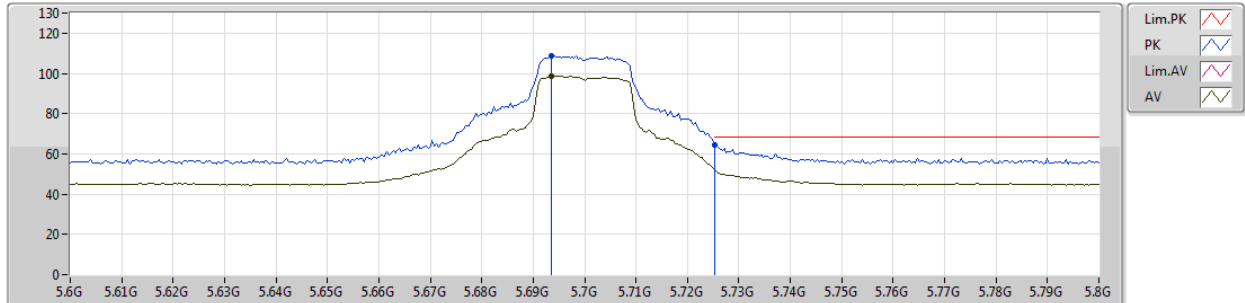


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 11.16126G    | 51.76             | 54.00             | -2.24          | 15.43          | 3           | Horizontal | 137            | 1.75          | -        |
| PK   | 11.16768G    | 65.03             | 74.00             | -8.97          | 15.43          | 3           | Horizontal | 137            | 1.75          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5700MHz\_TX

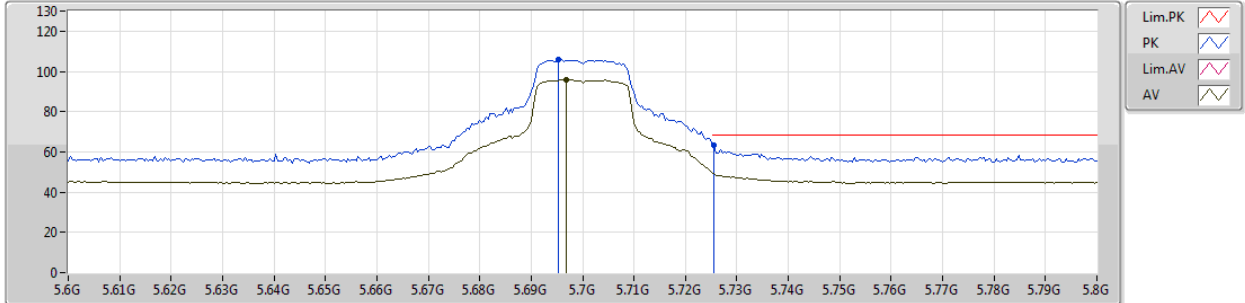


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.6936G      | 98.54             | Inf               | -Inf           | 4.62           | 3           | Vertical  | 245            | 2.62          | -        |
| PK   | 5.6936G      | 108.94            | Inf               | -Inf           | 4.62           | 3           | Vertical  | 245            | 2.62          | -        |
| PK   | 5.7252G      | 64.27             | 68.20             | -3.93          | 4.67           | 3           | Vertical  | 245            | 2.62          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5700MHz\_TX

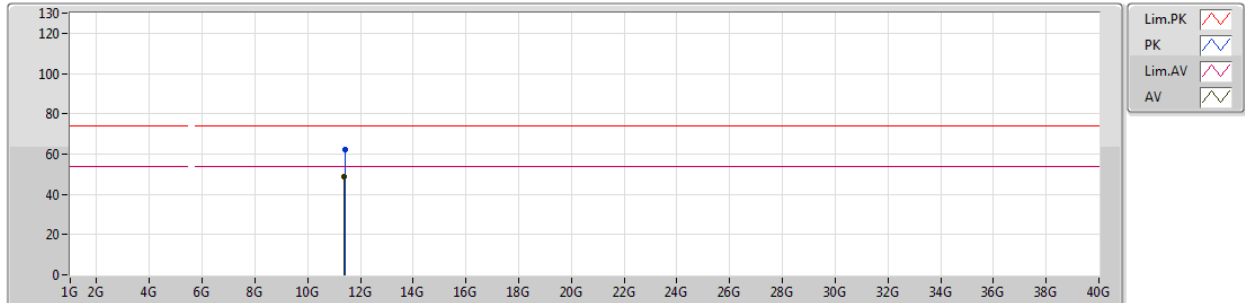


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 5.6968G      | 95.90             | Inf               | -Inf           | 4.63           | 3           | Horizontal | 0              | 2.92          | -        |  |  |  |  |  |  |  |  |
| PK   | 5.6952G      | 105.86            | Inf               | -Inf           | 4.62           | 3           | Horizontal | 0              | 2.92          | -        |  |  |  |  |  |  |  |  |
| PK   | 5.7256G      | 63.25             | 68.20             | -4.95          | 4.67           | 3           | Horizontal | 0              | 2.92          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5700MHz\_TX

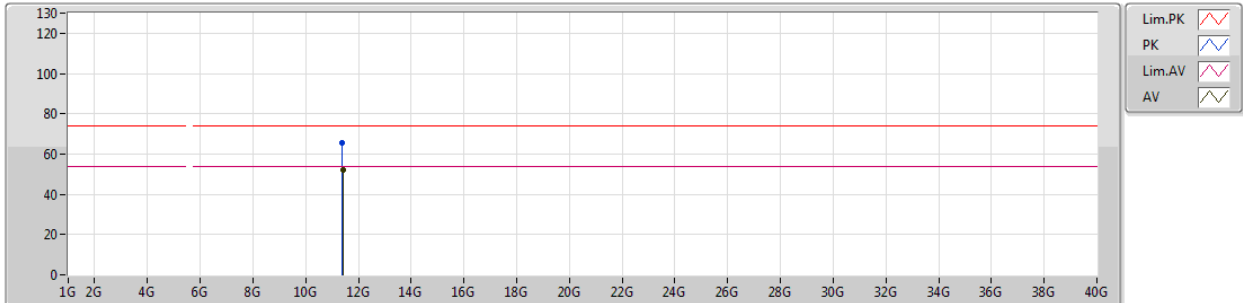


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 11.3988G     | 48.91             | 54.00             | -5.09          | 15.16          | 3           | Vertical  | 347            | 1.73          | -        |
| PK   | 11.40216G    | 62.30             | 74.00             | -11.70         | 15.16          | 3           | Vertical  | 347            | 1.73          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5700MHz\_TX

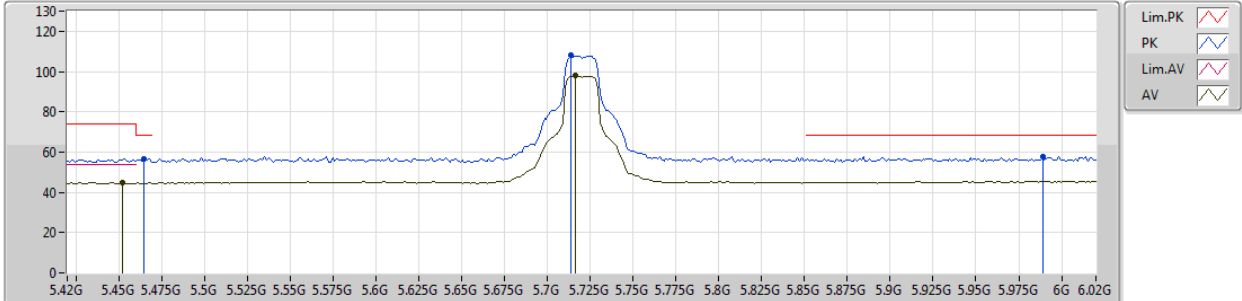


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.40144G    | 51.94             | 54.00             | -2.06          | 15.16          | 3           | Horizontal | 139            | 1.79          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.40048G    | 65.33             | 74.00             | -8.67          | 15.16          | 3           | Horizontal | 139            | 1.79          | -        |  |  |  |  |  |  |  |  |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

## 5720MHz Straddle 5.47-5.725GHz\_TX

19/11/2018

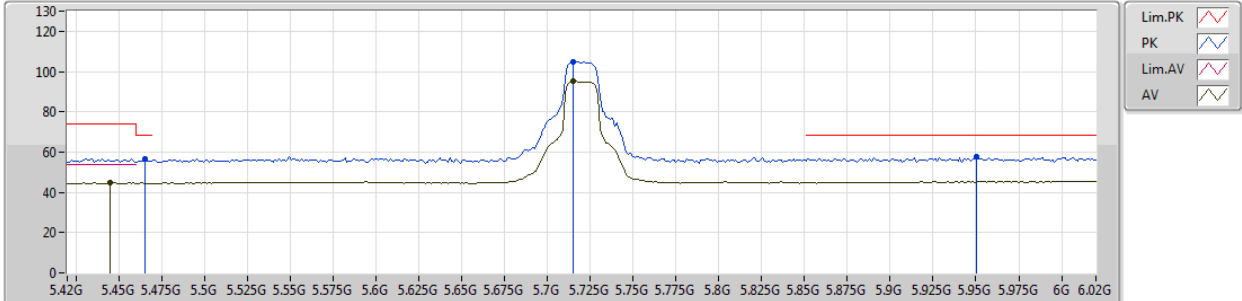


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.4524G      | 44.81             | 54.00             | -9.19          | 4.23           | 3           | Vertical  | 244            | 2.58          | -        |
| AV   | 5.7164G      | 97.88             | Inf               | -Inf           | 4.66           | 3           | Vertical  | 244            | 2.58          | -        |
| PK   | 5.4644G      | 56.80             | 68.20             | -11.40         | 4.26           | 3           | Vertical  | 244            | 2.58          | -        |
| PK   | 5.714G       | 108.03            | Inf               | -Inf           | 4.66           | 3           | Vertical  | 244            | 2.58          | -        |
| PK   | 5.9888G      | 57.51             | 68.20             | -10.69         | 5.08           | 3           | Vertical  | 244            | 2.58          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

## 5720MHz Straddle 5.47-5.725GHz\_TX

19/11/2018

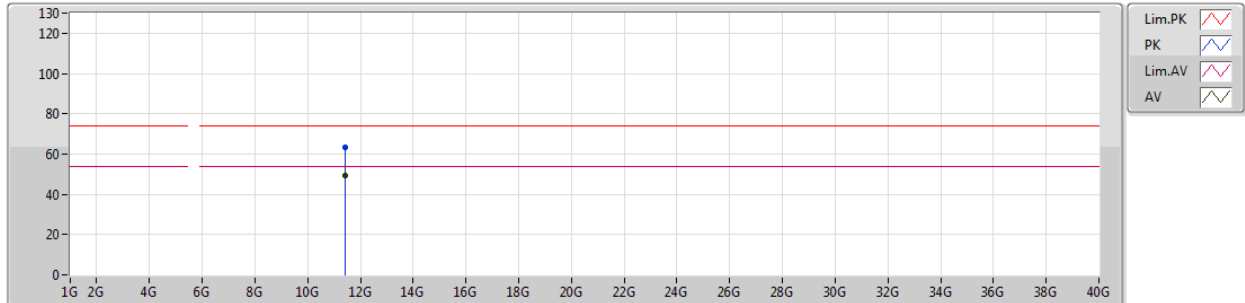


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.4452G      | 44.71             | 54.00             | -9.29          | 4.22           | 3           | Horizontal | 358            | 2.80          | -        |
| AV   | 5.7152G      | 95.23             | Inf               | -Inf           | 4.66           | 3           | Horizontal | 358            | 2.80          | -        |
| PK   | 5.4656G      | 56.84             | 68.20             | -11.36         | 4.26           | 3           | Horizontal | 358            | 2.80          | -        |
| PK   | 5.7152G      | 104.67            | Inf               | -Inf           | 4.66           | 3           | Horizontal | 358            | 2.80          | -        |
| PK   | 5.9504G      | 57.48             | 68.20             | -10.72         | 5.02           | 3           | Horizontal | 358            | 2.80          | -        |

802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

5720MHz Straddle 5.47-5.725GHz\_TX



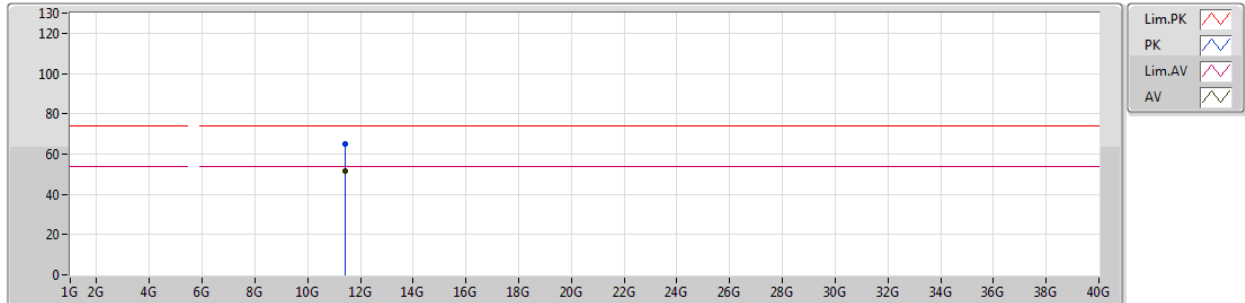
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.44138G    | 49.24             | 54.00             | -4.76          | 15.11          | 3           | Vertical  | 342            | 1.77          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.43652G    | 63.04             | 74.00             | -10.96         | 15.12          | 3           | Vertical  | 342            | 1.77          | -        |  |  |  |  |  |  |  |  |



802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

5720MHz Straddle 5.47-5.725GHz\_TX

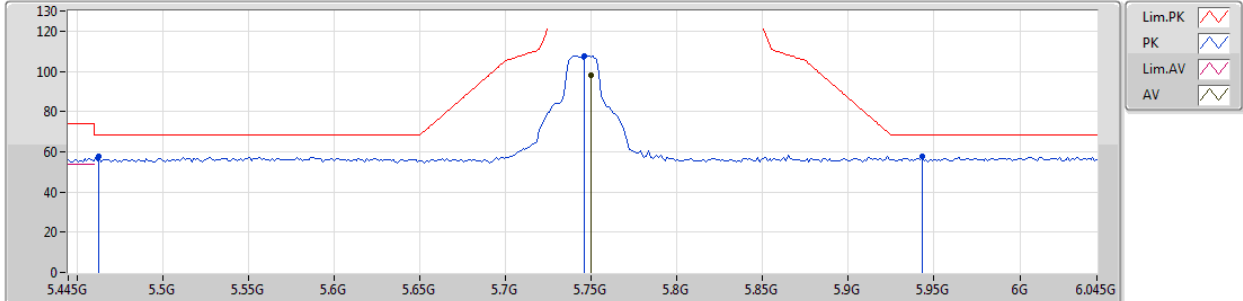


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.44162G    | 51.74             | 54.00             | -2.26          | 15.11          | 3           | Horizontal | 137            | 1.69          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.43886G    | 65.01             | 74.00             | -8.99          | 15.11          | 3           | Horizontal | 137            | 1.69          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5745MHz\_TX

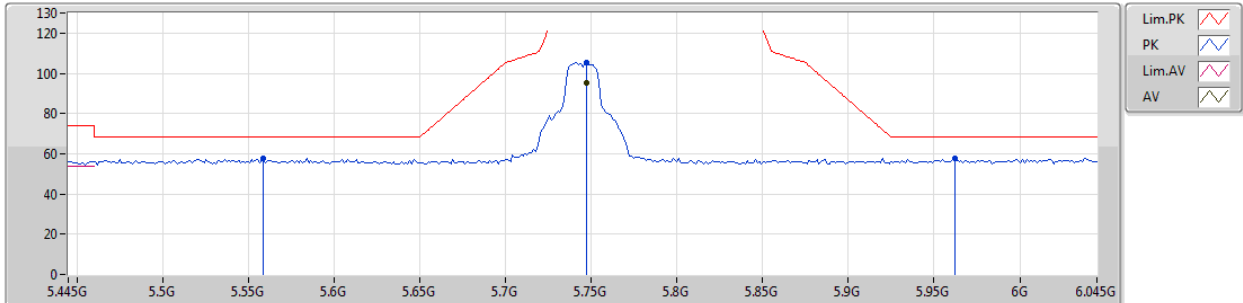


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.7498G      | 97.98             | Inf               | -Inf           | 4.71           | 3           | Vertical  | 249            | 2.56          | -        |
| PK   | 5.463G       | 57.68             | 68.20             | -10.52         | 4.26           | 3           | Vertical  | 249            | 2.56          | -        |
| PK   | 5.7462G      | 107.86            | Inf               | -Inf           | 4.70           | 3           | Vertical  | 249            | 2.56          | -        |
| PK   | 5.943G       | 57.55             | 68.20             | -10.65         | 5.02           | 3           | Vertical  | 249            | 2.56          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5745MHz\_TX

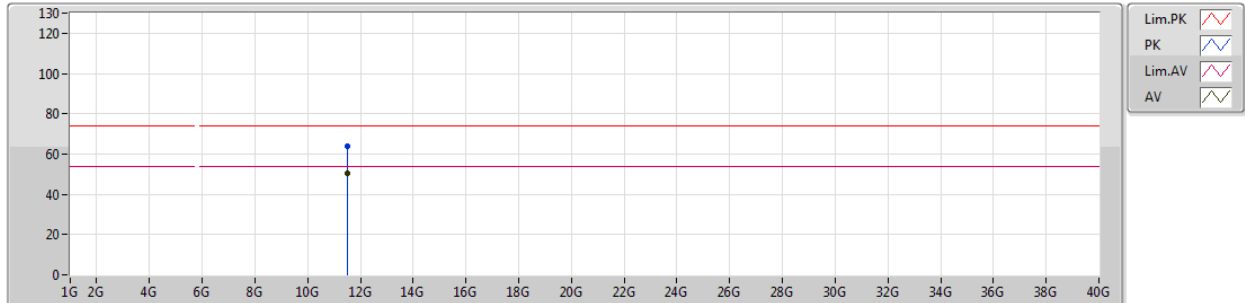


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|
| AV   | 5.7474G      | 95.12             | Inf               | -Inf           | 4.71           | 3           | Horizontal | 359            | 2.78          | -        |  |  |  |  |  |  |  |
| PK   | 5.559G       | 57.97             | 68.20             | -10.23         | 4.40           | 3           | Horizontal | 359            | 2.78          | -        |  |  |  |  |  |  |  |
| PK   | 5.7474G      | 105.20            | Inf               | -Inf           | 4.71           | 3           | Horizontal | 359            | 2.78          | -        |  |  |  |  |  |  |  |
| PK   | 5.9622G      | 57.62             | 68.20             | -10.58         | 5.04           | 3           | Horizontal | 359            | 2.78          | -        |  |  |  |  |  |  |  |

802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

5745MHz\_TX

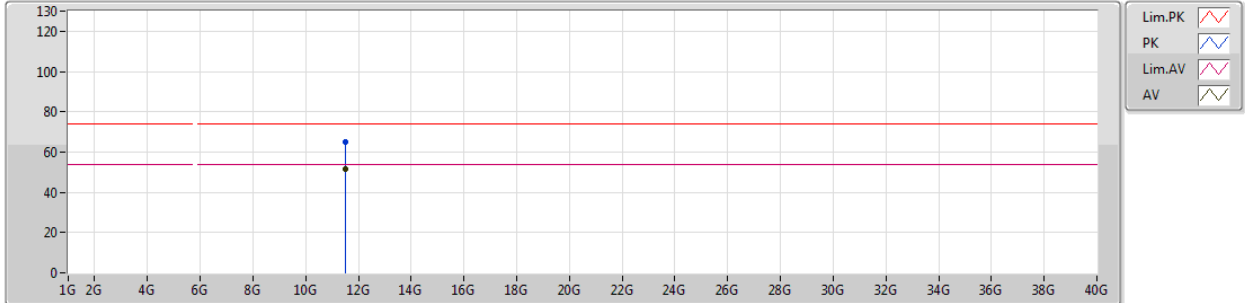


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.48868G    | 50.36             | 54.00             | -3.64          | 15.05          | 3           | Vertical  | 345            | 1.94          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.48868G    | 64.03             | 74.00             | -9.97          | 15.05          | 3           | Vertical  | 345            | 1.94          | -        |  |  |  |  |  |  |  |  |

802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

5745MHz\_TX

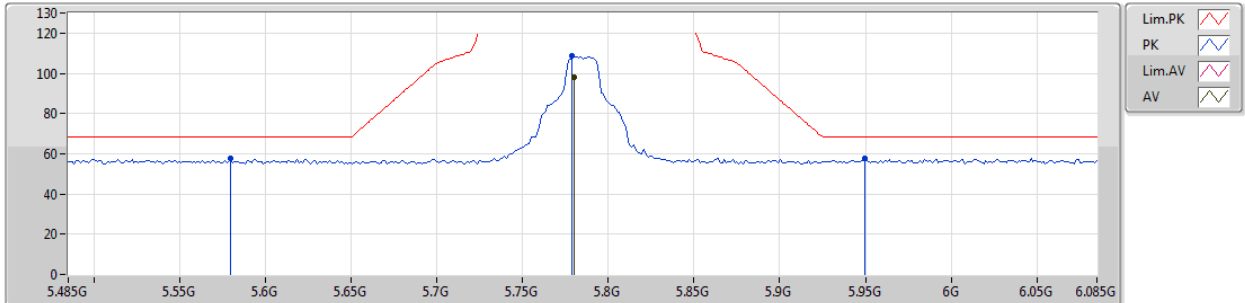


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.49048G    | 51.83             | 54.00             | -2.17          | 15.05          | 3           | Horizontal | 139            | 1.75          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.49126G    | 65.13             | 74.00             | -8.87          | 15.05          | 3           | Horizontal | 139            | 1.75          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5785MHz\_TX

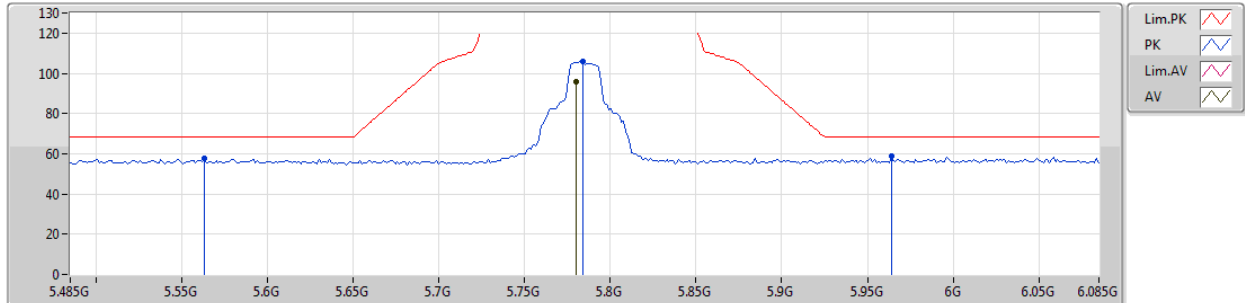


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.7802G      | 98.33             | Inf               | -Inf           | 4.75           | 3           | Vertical  | 250            | 2.53          | -        |
| PK   | 5.798G       | 57.72             | 68.20             | -10.48         | 4.44           | 3           | Vertical  | 250            | 2.53          | -        |
| PK   | 5.779G       | 108.77            | Inf               | -Inf           | 4.75           | 3           | Vertical  | 250            | 2.53          | -        |
| PK   | 5.9494G      | 57.85             | 68.20             | -10.35         | 5.03           | 3           | Vertical  | 250            | 2.53          | -        |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5785MHz\_TX

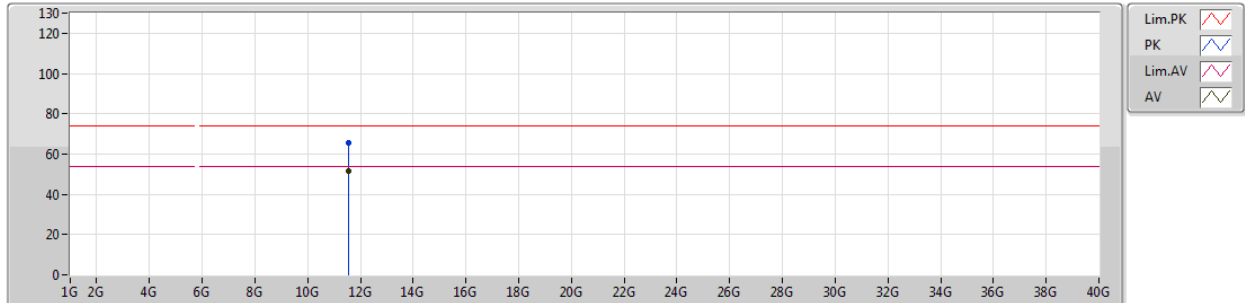


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.7802G      | 95.92             | Inf               | -Inf           | 4.75           | 3           | Horizontal | 1              | 2.99          | -        |
| PK   | 5.563G       | 57.74             | 68.20             | -10.46         | 4.42           | 3           | Horizontal | 1              | 2.99          | -        |
| PK   | 5.7838G      | 105.92            | Inf               | -Inf           | 4.76           | 3           | Horizontal | 1              | 2.99          | -        |
| PK   | 5.9638G      | 58.71             | 68.20             | -9.49          | 5.05           | 3           | Horizontal | 1              | 2.99          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5785MHz\_TX



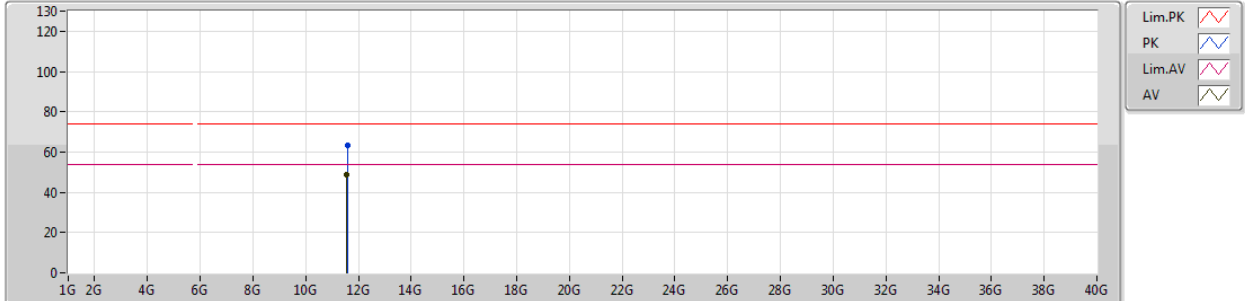
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.56916G    | 51.65             | 54.00             | -2.35          | 14.96          | 3           | Vertical  | 30             | 2.99          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.56796G    | 65.46             | 74.00             | -8.54          | 14.96          | 3           | Vertical  | 30             | 2.99          | -        |  |  |  |  |  |  |  |  |



### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5785MHz\_TX

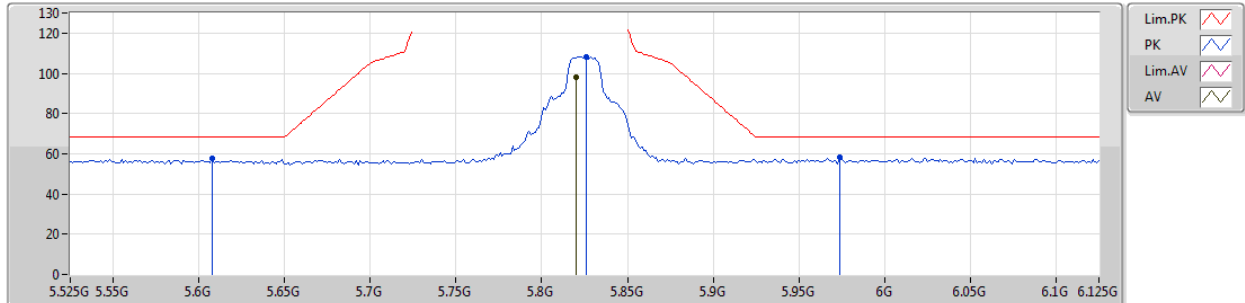


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.5721G     | 48.83             | 54.00             | -5.17          | 14.95          | 3           | Horizontal | 12             | 1.72          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.57942G    | 63.45             | 74.00             | -10.55         | 14.95          | 3           | Horizontal | 12             | 1.72          | -        |  |  |  |  |  |  |  |  |

## 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

## 5825MHz\_TX

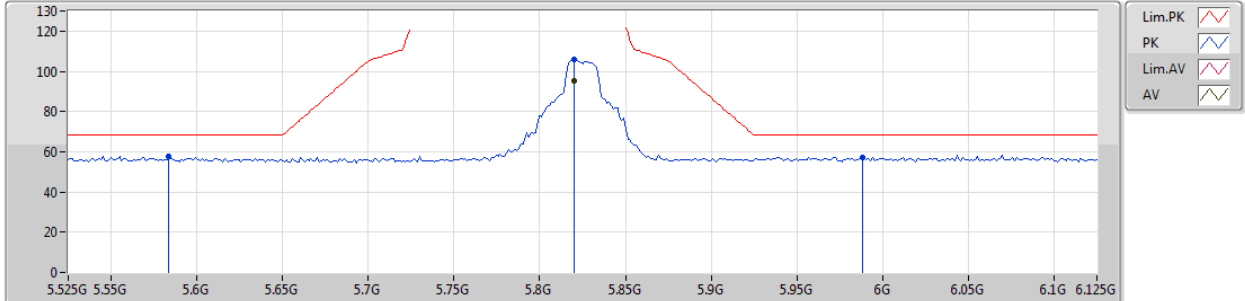


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| AV   | 5.8202G      | 98.25             | Inf               | -Inf           | 4.82           | 3           | Vertical  | 244            | 2.52          | -        |
| PK   | 5.6078G      | 57.47             | 68.20             | -10.73         | 4.48           | 3           | Vertical  | 244            | 2.52          | -        |
| PK   | 5.8262G      | 108.42            | Inf               | -Inf           | 4.83           | 3           | Vertical  | 244            | 2.52          | -        |
| PK   | 5.9738G      | 58.24             | 68.20             | -9.96          | 5.06           | 3           | Vertical  | 244            | 2.52          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5825MHz\_TX

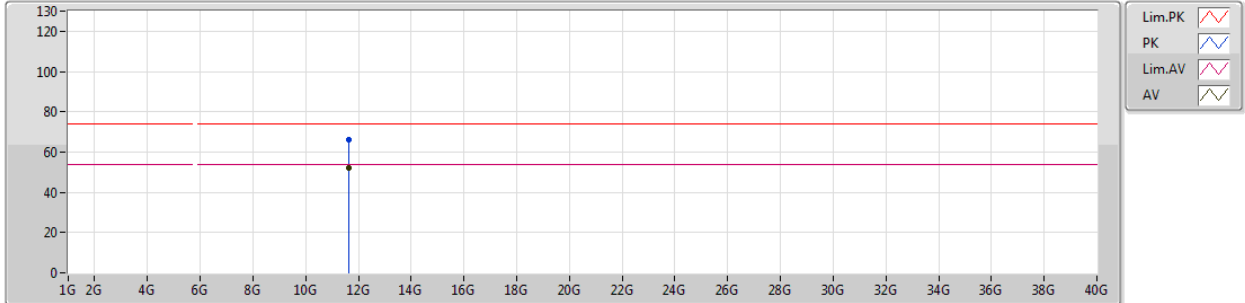


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| AV   | 5.8202G      | 95.53             | Inf               | -Inf           | 4.82           | 3           | Horizontal | 359            | 2.83          | -        |
| PK   | 5.838G       | 57.64             | 68.20             | -10.56         | 4.44           | 3           | Horizontal | 359            | 2.83          | -        |
| PK   | 5.8202G      | 105.75            | Inf               | -Inf           | 4.82           | 3           | Horizontal | 359            | 2.83          | -        |
| PK   | 5.9882G      | 57.35             | 68.20             | -10.85         | 5.08           | 3           | Horizontal | 359            | 2.83          | -        |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5825MHz\_TX

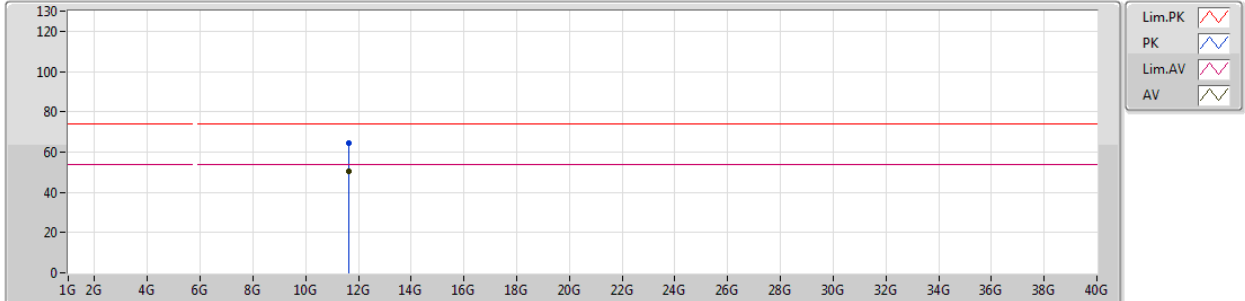


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.6506G     | 51.87             | 54.00             | -2.13          | 14.87          | 3           | Vertical  | 15             | 1.01          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.65036G    | 66.36             | 74.00             | -7.64          | 14.87          | 3           | Vertical  | 15             | 1.01          | -        |  |  |  |  |  |  |  |  |

### 802.11n HT20\_Nss1,(MCS0)\_1TX

19/11/2018

### 5825MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |  |  |  |  |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|--|--|--|--|--|--|--|--|
| AV   | 11.64958G    | 50.59             | 54.00             | -3.41          | 14.87          | 3           | Horizontal | 315            | 1.78          | -        |  |  |  |  |  |  |  |  |
| PK   | 11.65096G    | 64.25             | 74.00             | -9.75          | 14.87          | 3           | Horizontal | 315            | 1.78          | -        |  |  |  |  |  |  |  |  |